

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020923\
 Data File : BF132375.D
 Acq On : 09 Feb 2023 11:52
 Operator : CG\JU
 Sample : PB150732BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150732BS

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo
 02/10/2023
 Supervised By :Jagrut
 Upadhyay
 02/10/2023

Quant Time: Feb 10 00:57:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 09 01:56:26 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.048	152	190781	20.000	ng	0.00
21) Naphthalene-d8	8.337	136	725046	20.000	ng	# 0.00
39) Acenaphthene-d10	10.101	164	355264	20.000	ng	0.00
64) Phenanthrene-d10	11.595	188	631161	20.000	ng	0.00
76) Chrysene-d12	14.260	240	343267	20.000	ng	0.00
86) Perylene-d12	15.824	264	312636	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	1414021	119.136	ng	0.02
7) Phenol-d6	6.672	99	1685062	115.157	ng	0.00
23) Nitrobenzene-d5	7.619	82	1020932	78.356	ng	0.00
42) 2,4,6-Tribromophenol	10.895	330	570830	156.246	ng	0.00
45) 2-Fluorobiphenyl	9.413	172	1907646	82.921	ng	0.00
79) Terphenyl-d14	13.189	244	2008088	113.162	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.060	88	188981	33.839	ng	93
3) Pyridine	3.790	79	473447	31.249	ng	95
4) n-Nitrosodimethylamine	3.760	42	173835	35.857	ng	94
6) Aniline	6.707	93	621541m	31.302	ng	
8) 2-Chlorophenol	6.831	128	576292	46.881	ng	96
9) Benzaldehyde	6.596	77	184621	19.093	ng	97
10) Phenol	6.684	94	610390m	40.302	ng	
11) bis(2-Chloroethyl)ether	6.778	93	535056	42.926	ng	95
12) 1,3-Dichlorobenzene	6.990	146	603934	46.451	ng	98
13) 1,4-Dichlorobenzene	7.066	146	609822	46.989	ng	98
14) 1,2-Dichlorobenzene	7.219	146	586193	48.433	ng	98
15) Benzyl Alcohol	7.190	79	422577	39.578	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.319	45	475375	36.198	ng	92
17) 2-Methylphenol	7.290	107	436734	40.587	ng	99
18) Hexachloroethane	7.560	117	231164	47.481	ng	96
19) n-Nitroso-di-n-propyla...	7.460	70	301695	36.298	ng	95
20) 3+4-Methylphenols	7.448	107	532232	38.753	ng	# 83
22) Acetophenone	7.460	105	709972	41.638	ng	97
24) Nitrobenzene	7.637	77	508112	38.173	ng	92
25) Isophorone	7.872	82	971763	39.295	ng	95
26) 2-Nitrophenol	7.948	139	312029	48.125	ng	92
27) 2,4-Dimethylphenol	7.978	122	489488	43.132	ng	99
28) bis(2-Chloroethoxy)met...	8.078	93	613264	40.354	ng	99
29) 2,4-Dichlorophenol	8.190	162	457996	45.456	ng	97
30) 1,2,4-Trichlorobenzene	8.272	180	510682	47.331	ng	98
31) Naphthalene	8.360	128	1506575	42.214	ng	99
32) Benzoic acid	8.095	122	384029	45.716	ng	94
33) 4-Chloroaniline	8.401	127	220858	13.956	ng	96
34) Hexachlorobutadiene	8.472	225	310955	51.265	ng	100
35) Caprolactam	8.784	113	145286m	42.297	ng	
36) 4-Chloro-3-methylphenol	8.878	107	457558	42.153	ng	96
37) 2-Methylnaphthalene	9.048	142	1001708	41.437	ng	99
38) 1-Methylnaphthalene	9.154	142	936418	41.683	ng	100
40) 1,2,4,5-Tetrachloroben...	9.219	216	472463	47.258	ng	99
41) Hexachlorocyclopentadiene	9.201	237	550556	94.389	ng	100
43) 2,4,6-Trichlorophenol	9.325	196	332009	46.457	ng	99

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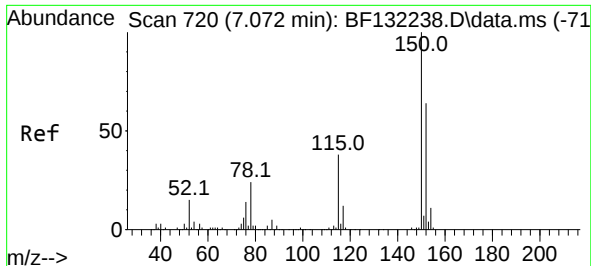
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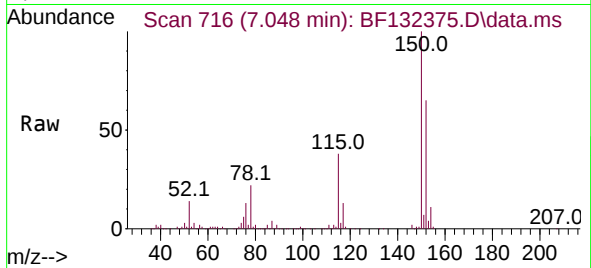
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.366	196	357029	43.405	ng	98
46) 1,1'-Biphenyl	9.519	154	1199372	43.790	ng	96
47) 2-Chloronaphthalene	9.542	162	932091	44.682	ng	98
48) 2-Nitroaniline	9.637	65	220524	35.545	ng	# 81
49) Acenaphthylene	9.966	152	1432701	42.082	ng	99
50) Dimethylphthalate	9.813	163	1089066	43.824	ng	98
51) 2,6-Dinitrotoluene	9.878	165	250156	45.072	ng	89
52) Acenaphthene	10.136	154	1027856	48.222	ng	99
53) 3-Nitroaniline	10.048	138	183614	27.280	ng	95
54) 2,4-Dinitrophenol	10.154	184	294710	90.976	ng	97
55) Dibenzofuran	10.307	168	1259244	42.048	ng	99
56) 4-Nitrophenol	10.201	139	405091	79.980	ng	94
57) 2,4-Dinitrotoluene	10.284	165	329107	45.648	ng	92
58) Fluorene	10.654	166	977359	42.405	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.419	232	279948	46.684	ng	99
60) Diethylphthalate	10.513	149	1088687	44.037	ng	99
61) 4-Chlorophenyl-phenyle...	10.642	204	485881	44.420	ng	99
62) 4-Nitroaniline	10.672	138	242400	37.556	ng	96
63) Azobenzene	10.801	77	872595	36.236	ng	95
65) 4,6-Dinitro-2-methylph...	10.695	198	182300	50.890	ng	92
66) n-Nitrosodiphenylamine	10.760	169	857462	43.385	ng	99
67) 4-Bromophenyl-phenylether	11.136	248	312302	48.321	ng	96
68) Hexachlorobenzene	11.201	284	362176	52.429	ng	97
69) Atrazine	11.283	200	294510	51.807	ng	98
70) Pentachlorophenol	11.395	266	399709	84.213	ng	100
71) Phenanthrene	11.625	178	1416756	42.956	ng	100
72) Anthracene	11.678	178	1434135	42.727	ng	99
73) Carbazole	11.831	167	1246098	41.404	ng	100
74) Di-n-butylphthalate	12.148	149	1623864	45.639	ng	100
75) Fluoranthene	12.819	202	1390365	41.310	ng	98
77) Benzidine	12.936	184	332978	27.746	ng	99
78) Pyrene	13.054	202	1402642	50.803	ng	99
80) Butylbenzylphthalate	13.660	149	617412	50.615	ng	95
81) Benzo(a)anthracene	14.248	228	1073020	44.693	ng	99
82) 3,3'-Dichlorobenzidine	14.201	252	230642	30.162	ng	98
83) Chrysene	14.283	228	986210	43.868	ng	100
84) Bis(2-ethylhexyl)phtha...	14.213	149	815762	49.477	ng	100
85) Di-n-octyl phthalate	14.848	149	1204811	44.801	ng	# 96
87) Indeno(1,2,3-cd)pyrene	17.460	276	1060872	51.068	ng	96
88) Benzo(b)fluoranthene	15.354	252	972276	48.926	ng	98
89) Benzo(k)fluoranthene	15.389	252	913641	48.165	ng	99
90) Benzo(a)pyrene	15.760	252	825043	44.584	ng	99
91) Dibenzo(a,h)anthracene	17.483	278	876893	52.503	ng	98
92) Benzo(g,h,i)perylene	17.960	276	874970	50.710	ng	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.048 min Scan# 71
Delta R.T. 0.000 min
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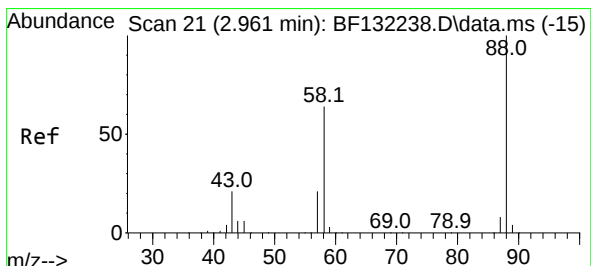
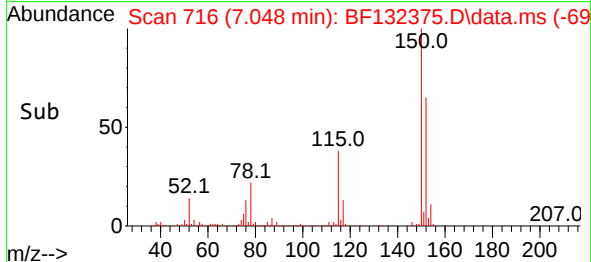
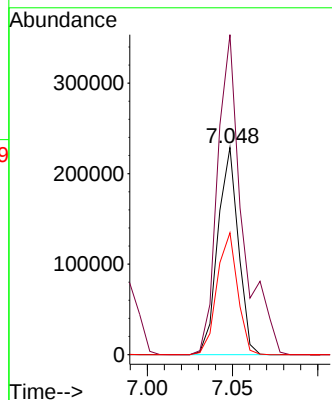


Tgt Ion:152 Resp: 190781
Ion Ratio Lower Upper
152 100
150 154.5 124.2 186.2
115 58.8 47.3 70.9

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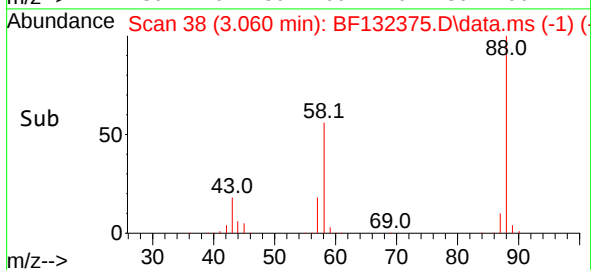
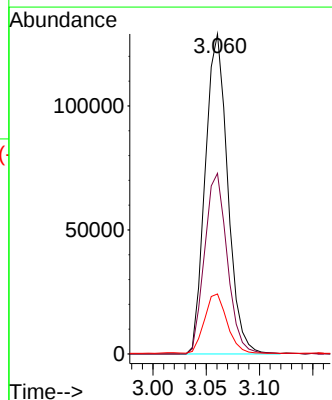
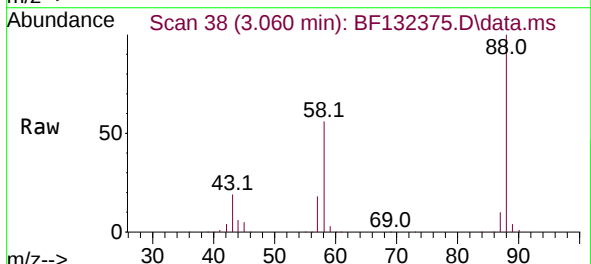
Reviewed By :Christian
Giraldo
02/10/2023

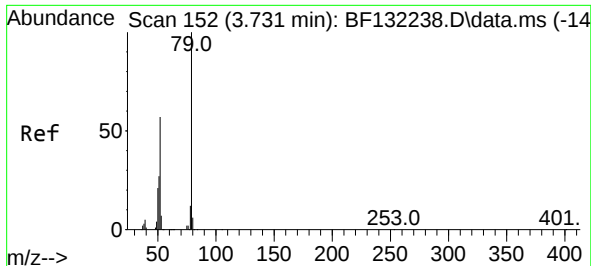
Supervised By :Jagrut
Upadhyay
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#2
1,4-Dioxane
Concen: 33.839 ng
RT: 3.060 min Scan# 38
Delta R.T. 0.130 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

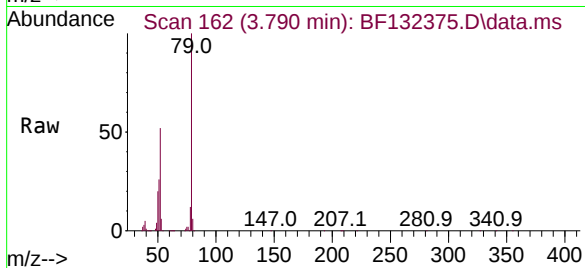
Tgt Ion: 88 Resp: 188981
Ion Ratio Lower Upper
88 100
58 57.2 50.2 75.2
43 18.7 16.9 25.3





#3
Pyridine
Concen: 31.249 ng
RT: 3.790 min Scan# 10
Delta R.T. 0.088 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

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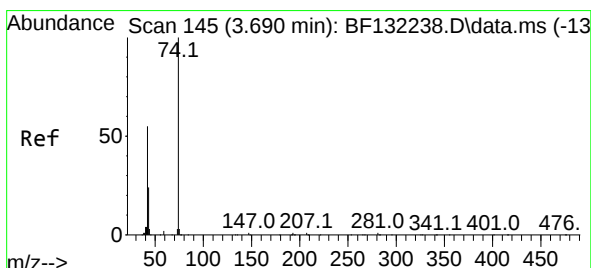
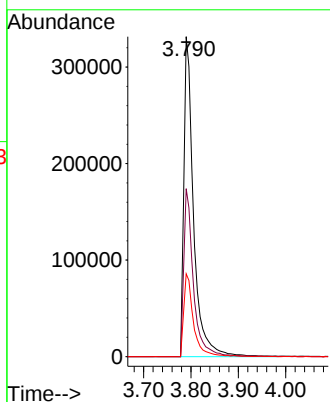
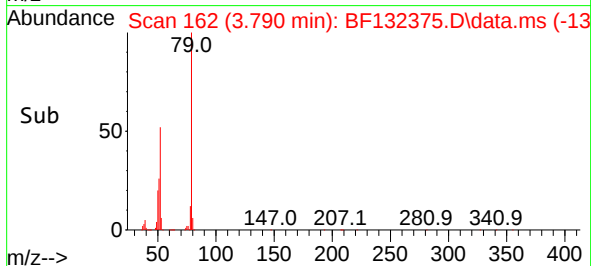


Tgt Ion: 79 Resp: 47344
Ion Ratio Lower Upper
79 100
52 52.5 45.6 68.4
51 25.9 21.5 32.3

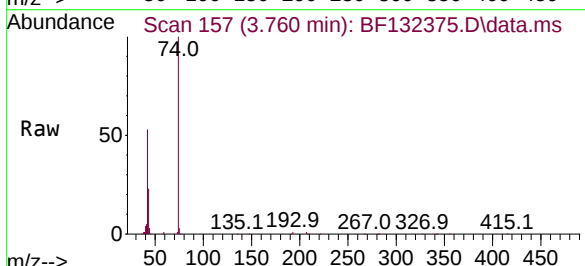
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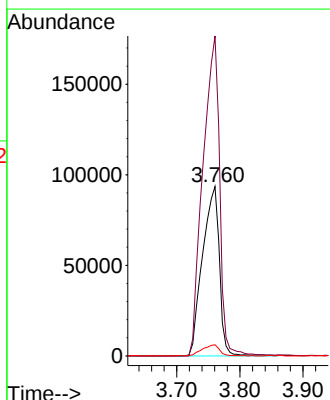
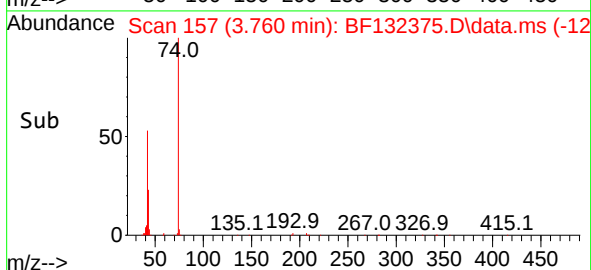
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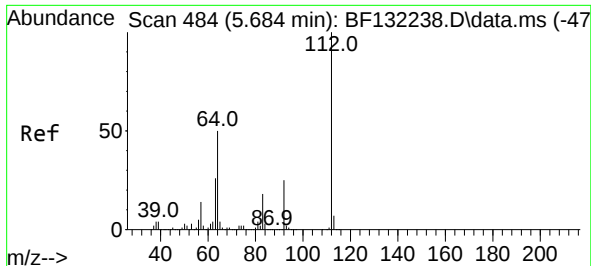


#4
n-Nitrosodimethylamine
Concen: 35.857 ng
RT: 3.760 min Scan# 157
Delta R.T. 0.094 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52



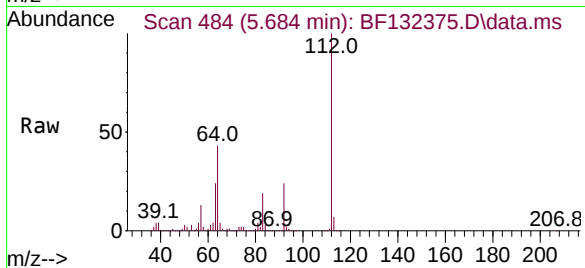
Tgt Ion: 42 Resp: 173835
Ion Ratio Lower Upper
42 100
74 189.0 144.6 217.0
44 6.6 5.1 7.7





#5
2-Fluorophenol
Concen: 119.136 ng
RT: 5.684 min Scan# 484
Delta R.T. 0.024 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

Instrument :
BNA_F
ClientSampleId :
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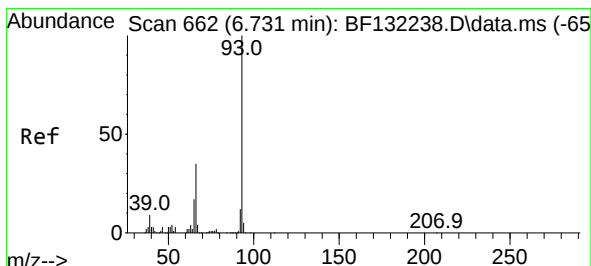
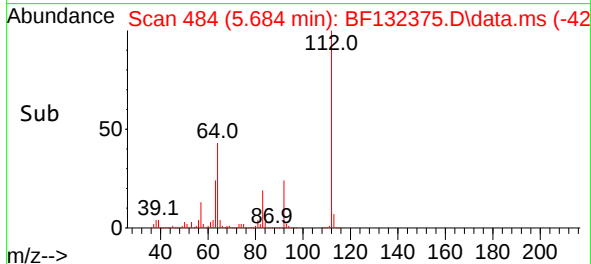
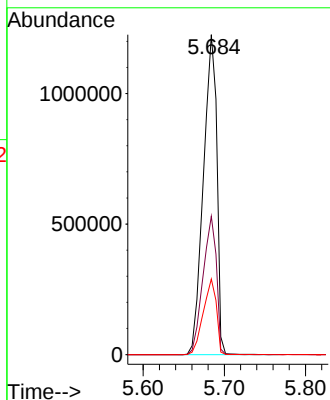


Tgt Ion: 112 Resp: 141402
Ion Ratio Lower Upper
112 100
64 43.2 40.0 60.0
63 23.6 20.5 30.7

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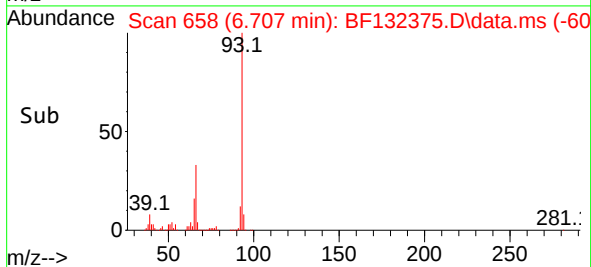
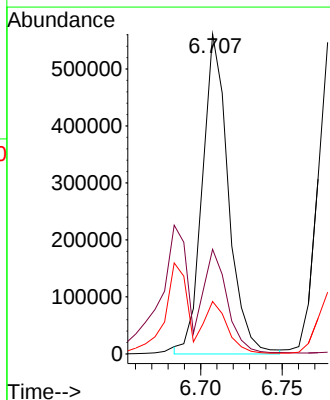
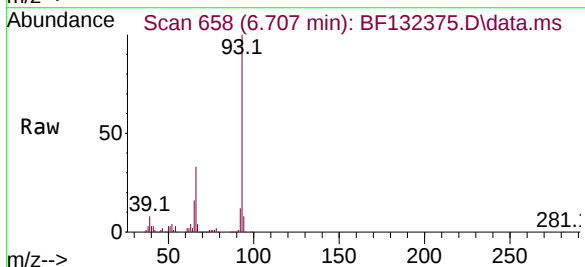
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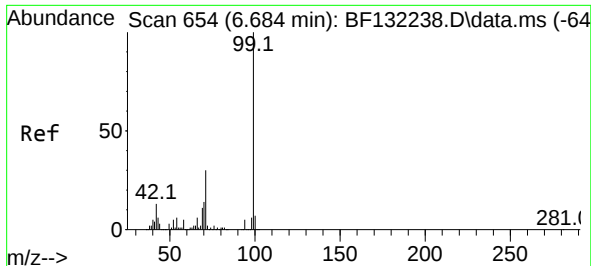
Supervised By :Jagrut
Upadhyay
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#6
Aniline
Concen: 31.302 ng m
RT: 6.707 min Scan# 658
Delta R.T. -0.006 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

Tgt Ion: 93 Resp: 621541
Ion Ratio Lower Upper
93 100
66 32.7 28.8 43.2
65 16.4 14.2 21.4





#7

Phenol-d6

Concen: 115.157 ng

RT: 6.672 min Scan# 61

Delta R.T. 0.006 min

Lab File: BF132375.D

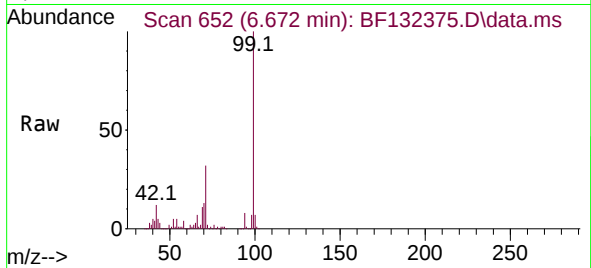
Acq: 09 Feb 2023 11:52

Instrument :

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Tgt Ion: 99 Resp: 1685062

Ion Ratio Lower Upper

99 100

42 12.1 10.1 15.1

71 32.4 24.2 36.4

Manual Integrations

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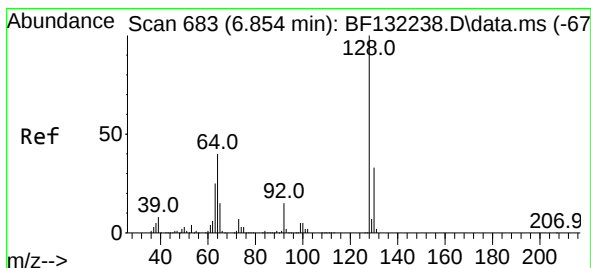
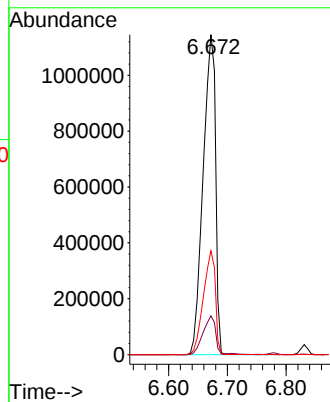
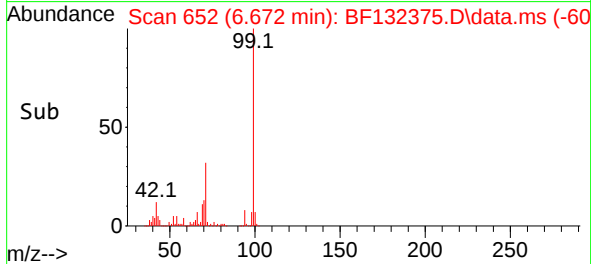
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Upadhyay

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#8

2-Chlorophenol

Concen: 46.881 ng

RT: 6.831 min Scan# 679

Delta R.T. 0.000 min

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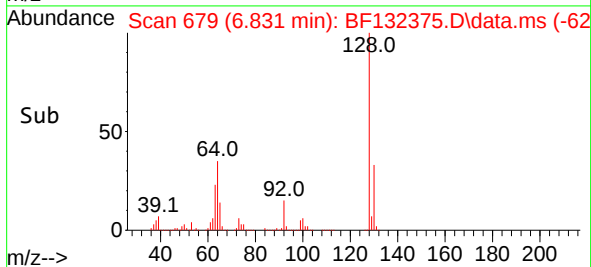
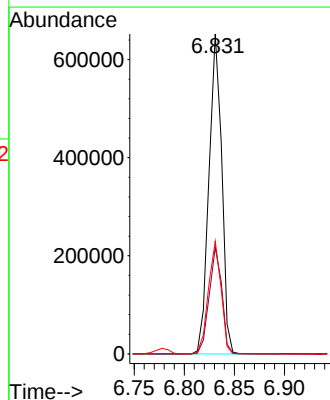
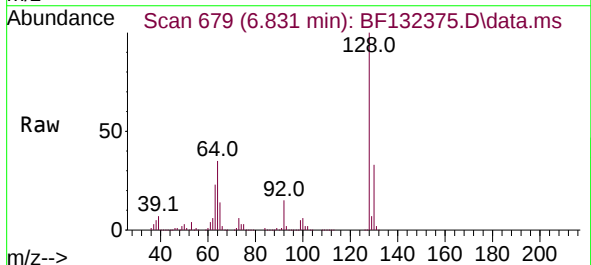
Tgt Ion:128 Resp: 576292

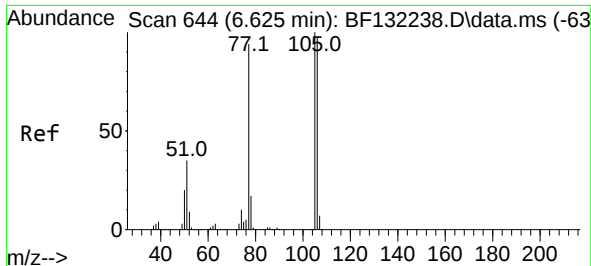
Ion Ratio Lower Upper

128 100

130 33.3 13.3 53.3

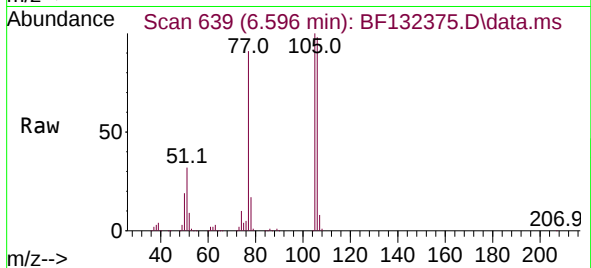
64 35.2 20.1 60.1





#9
Benzaldehyde
Concen: 19.093 ng
RT: 6.596 min Scan# 639
Delta R.T. -0.006 min
Lab File: BF132375.D
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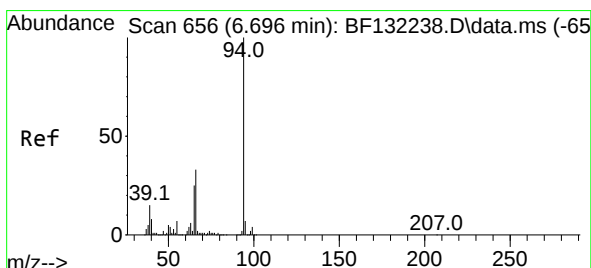
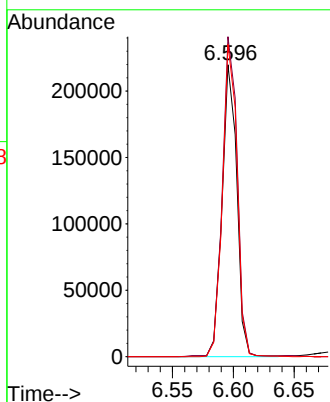
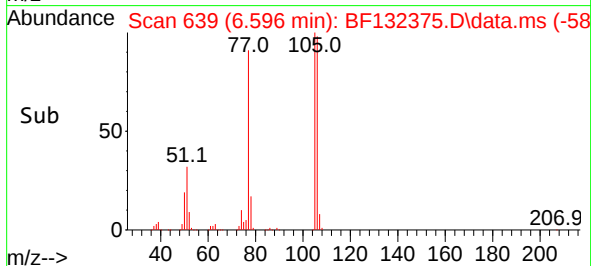
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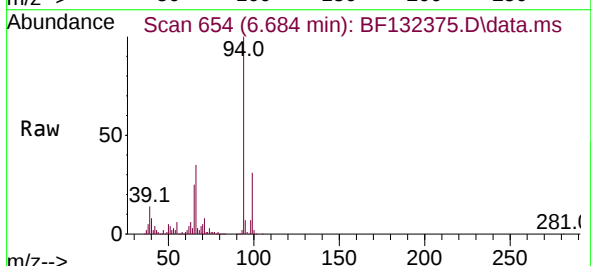
Tgt Ion: 77 Resp: 184621
Ion Ratio Lower Upper
77 100
105 109.6 86.8 126.8
106 107.0 83.8 123.8

Manual Integrations
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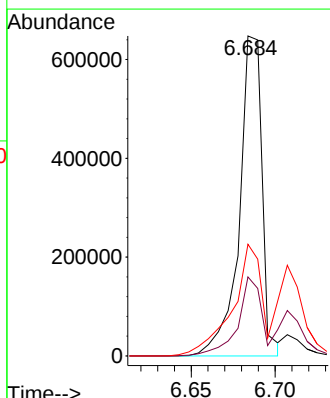
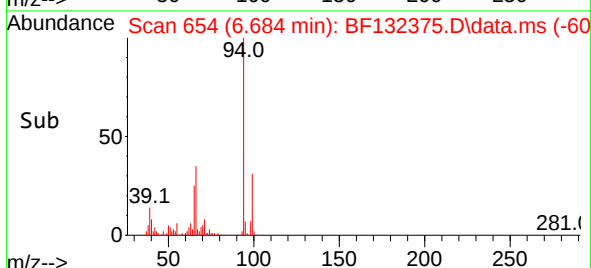
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Upadhyay
02/10/2023

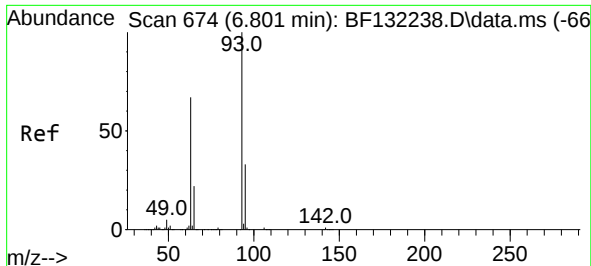


#10
Phenol
Concen: 40.302 ng m
RT: 6.684 min Scan# 654
Delta R.T. 0.006 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52



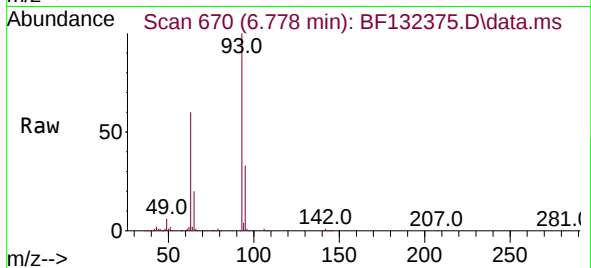
Tgt Ion: 94 Resp: 610390
Ion Ratio Lower Upper
94 100
65 24.7 5.1 45.1
66 34.9 13.0 53.0





#11
bis(2-Chloroethyl)ether
Concen: 42.926 ng
RT: 6.778 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

Instrument :
BNA_F
ClientSampleId :
PB150732BS

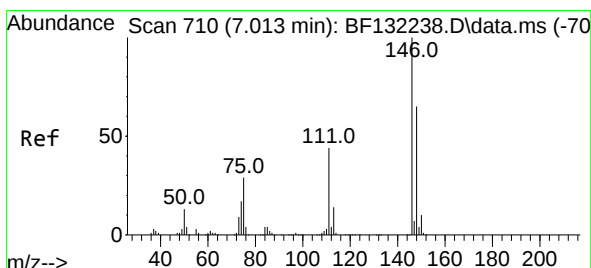
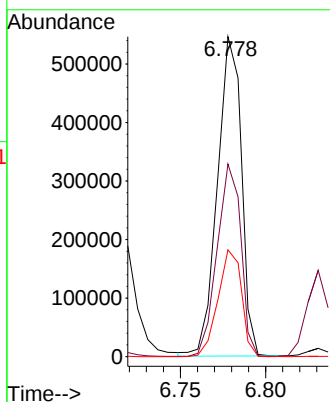
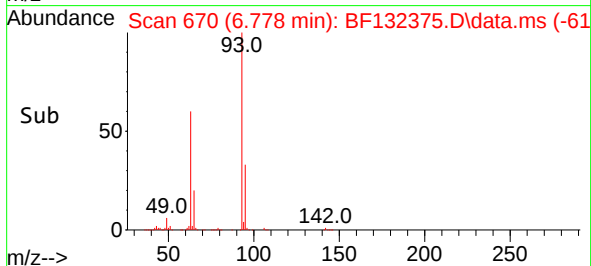


Tgt Ion: 93 Resp: 535056
Ion Ratio Lower Upper
93 100
63 60.2 46.7 86.7
95 33.4 13.4 53.4

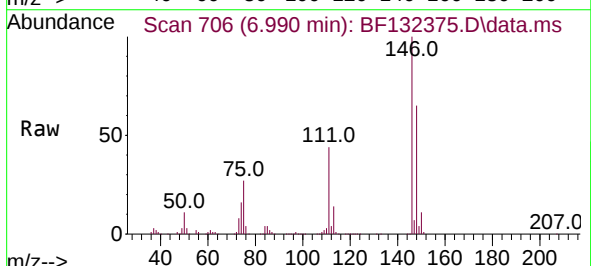
Manual Integrations
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Reviewed By :Christian
Giraldo
02/10/2023

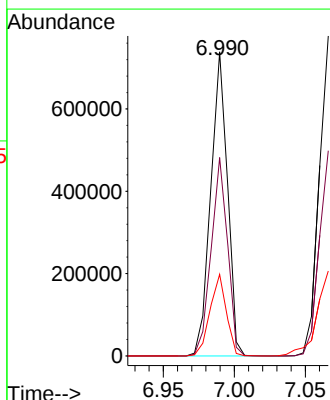
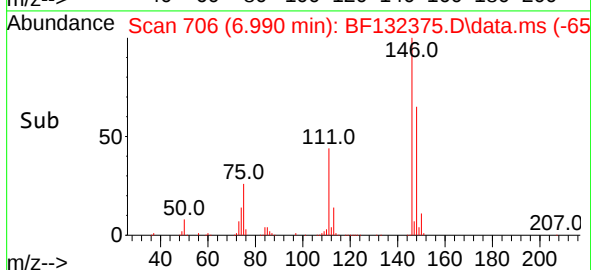
Supervised By :Jagrut
Upadhyay
02/10/2023

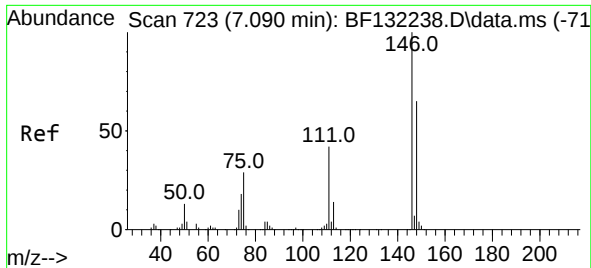


#12
1,3-Dichlorobenzene
Concen: 46.451 ng
RT: 6.990 min Scan# 706
Delta R.T. 0.000 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52



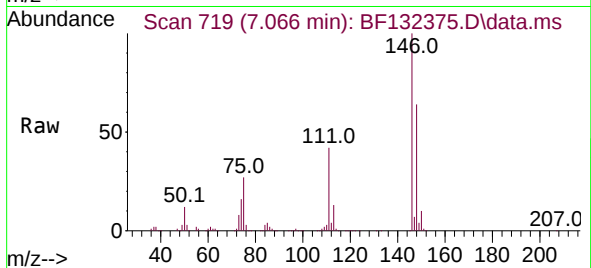
Tgt Ion:146 Resp: 603934
Ion Ratio Lower Upper
146 100
148 65.3 51.8 77.8
75 26.8 23.5 35.3





#13
1,4-Dichlorobenzene
Concen: 46.989 ng
RT: 7.066 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

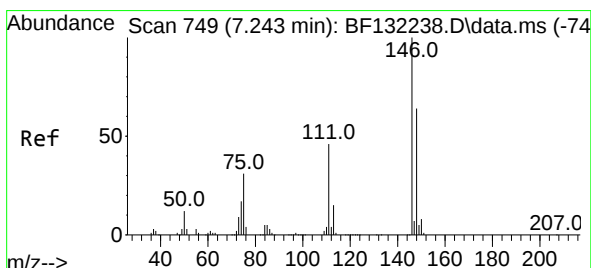
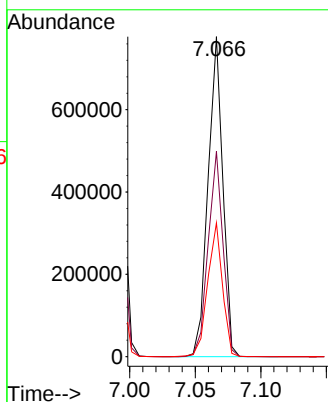
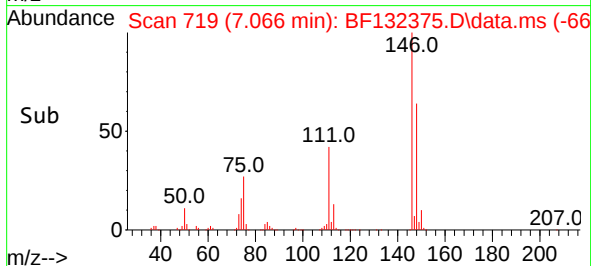
Instrument :
BNA_F
ClientSampleId :
PB150732BS



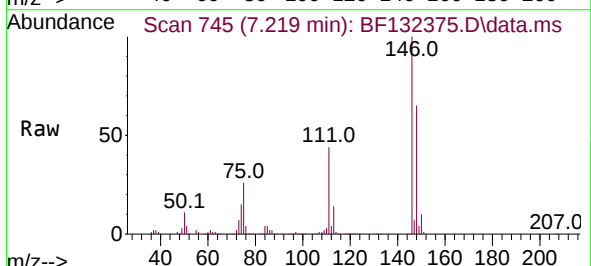
Tgt Ion:146 Resp: 609822
Ion Ratio Lower Upper
146 100
148 64.1 52.4 78.6
111 41.8 34.0 51.0

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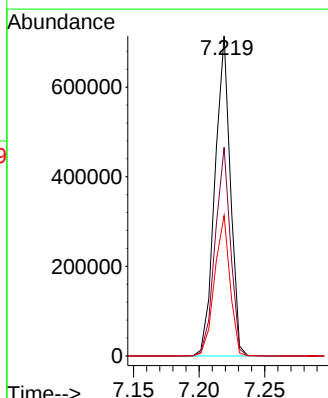
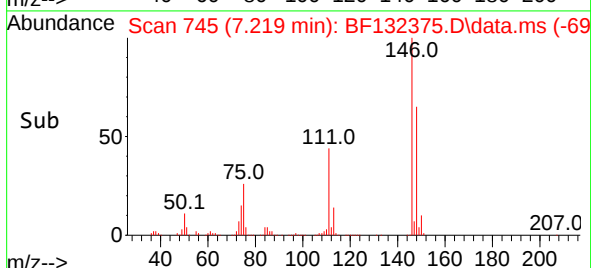
Reviewed By :Christian
Giraldo
02/10/2023
Supervised By :Jagrut
Upadhyay
02/10/2023

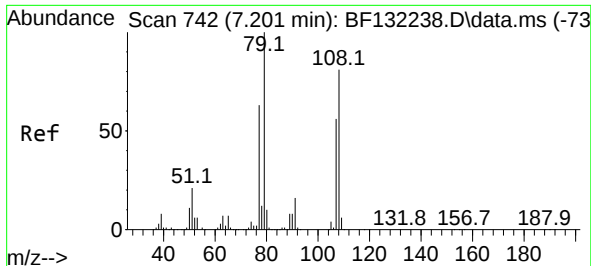


#14
1,2-Dichlorobenzene
Concen: 48.433 ng
RT: 7.219 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52



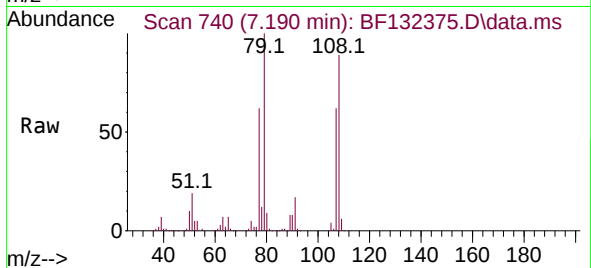
Tgt Ion:146 Resp: 586193
Ion Ratio Lower Upper
146 100
148 65.2 51.4 77.0
111 43.9 37.1 55.7





#15
Benzyl Alcohol
Concen: 39.578 ng
RT: 7.190 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

Instrument :
BNA_F
Client Sample Id :
PB150732BS

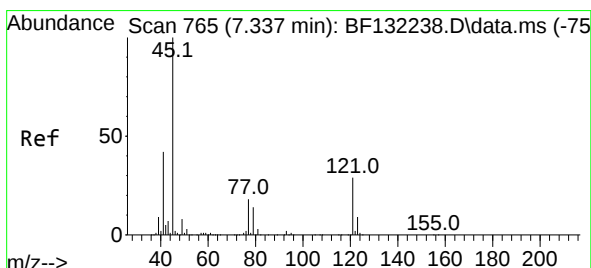
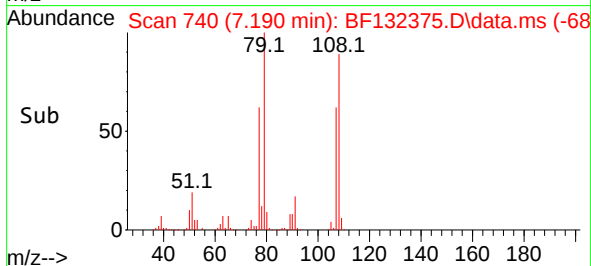
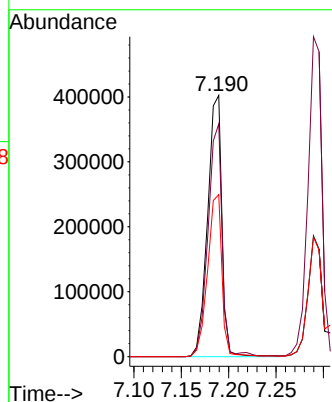


Tgt Ion: 79 Resp: 422572
Ion Ratio Lower Upper
79 100
108 89.2 64.6 97.0
77 62.0 50.1 75.1

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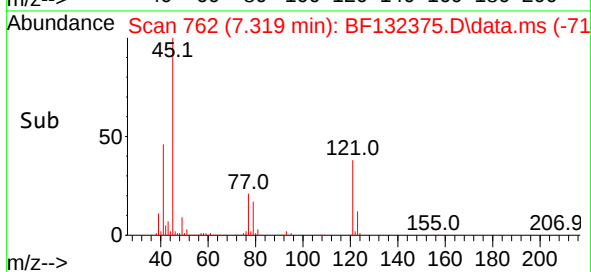
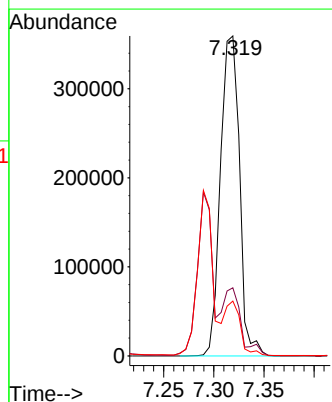
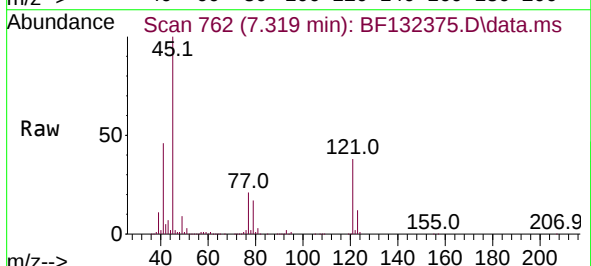
Reviewed By :Christian
Giraldo
02/10/2023

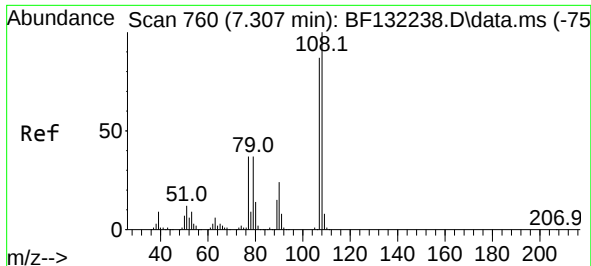
Supervised By :Jagrut
Upadhyay
02/10/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.198 ng
RT: 7.319 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

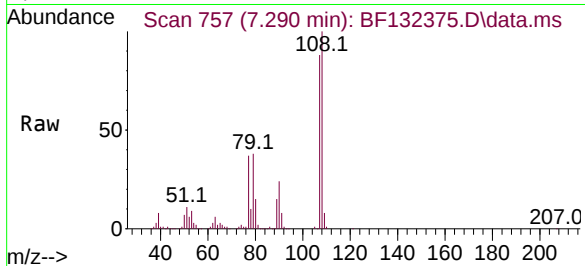
Tgt Ion: 45 Resp: 475375
Ion Ratio Lower Upper
45 100
77 21.3 0.0 38.0
79 17.2 0.0 33.8





#17
2-Methylphenol
Concen: 40.587 ng
RT: 7.290 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

Instrument :
BNA_F
ClientSampleId :
PB150732BS

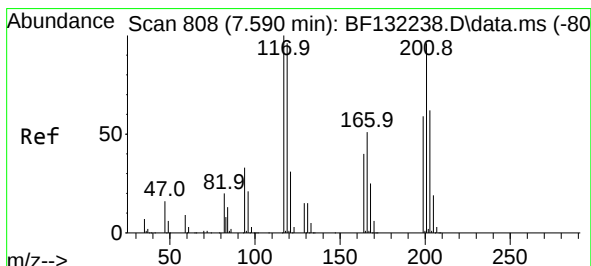
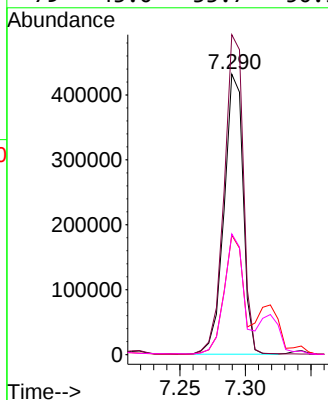
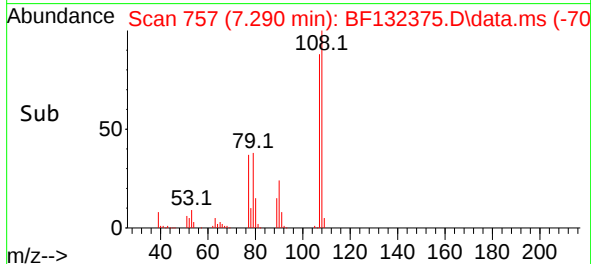


Tgt Ion:107 Resp: 436734
Ion Ratio Lower Upper
107 100
108 114.2 91.8 137.6
77 42.6 34.2 51.2
79 43.0 33.7 50.5

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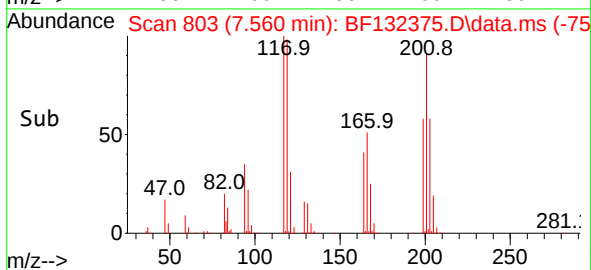
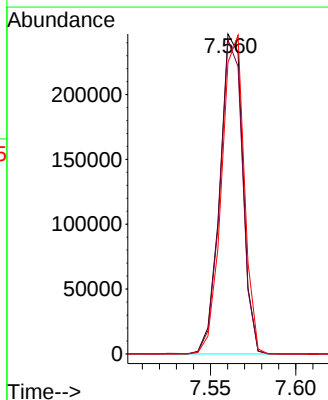
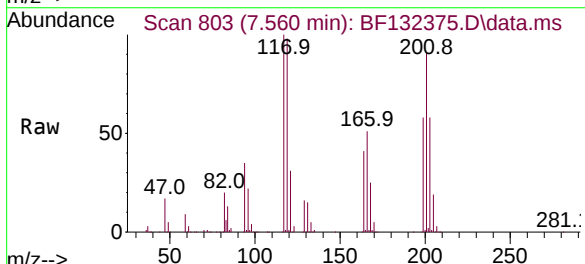
Reviewed By :Christian
Giraldo
02/10/2023

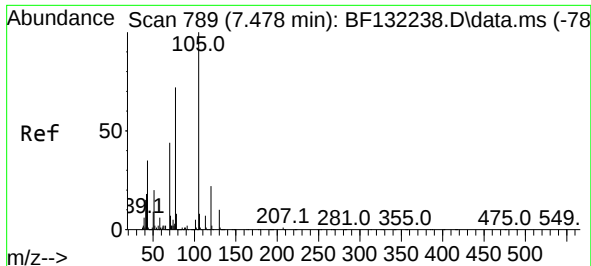
Supervised By :Jagrut
Upadhyay
02/10/2023



#18
Hexachloroethane
Concen: 47.481 ng
RT: 7.560 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

Tgt Ion:117 Resp: 231164
Ion Ratio Lower Upper
117 100
119 98.1 76.7 115.1
201 91.1 76.6 114.8





#19

n-Nitroso-di-n-propylamine

Concen: 36.298 ng

RT: 7.460 min Scan# 786

Delta R.T. 0.000 min

Lab File: BF132375.D

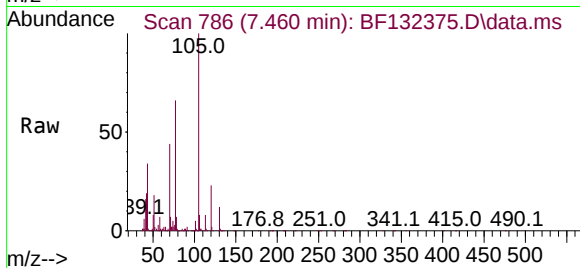
Acq: 09 Feb 2023 11:52

Instrument :

BNA_F

ClientSampleId :

PB150732BS



Tgt Ion: 70 Resp: 301695

Ion Ratio Lower Upper

70 100

42 43.0 33.4 50.0

101 11.8 8.2 12.4

130 27.4 18.4 27.6

Manual Integrations

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Reviewed By :Christian

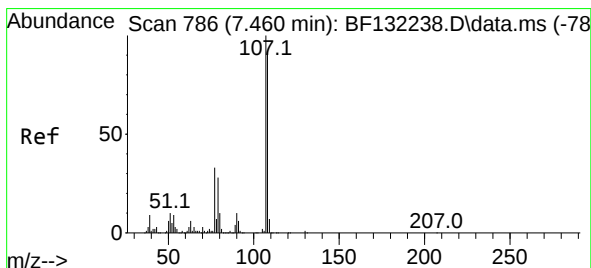
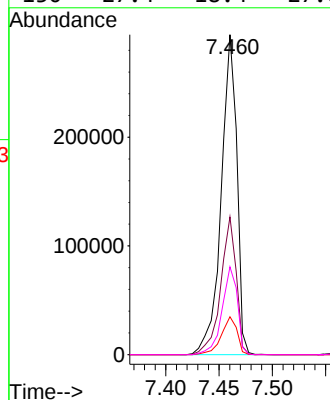
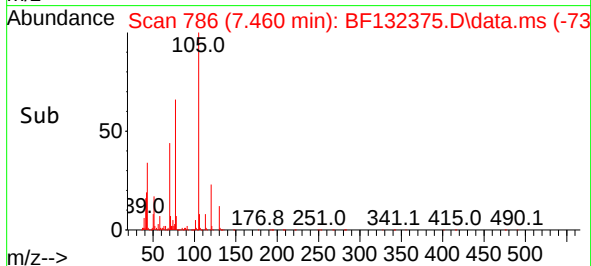
Giraldo

02/10/2023

Supervised By :Jagrut

Upadhyay

02/10/2023



#20

3+4-Methylphenols

Concen: 38.753 ng

RT: 7.448 min Scan# 784

Delta R.T. 0.006 min

Lab File: BF132375.D

Acq: 09 Feb 2023 11:52

Tgt Ion:107 Resp: 532232

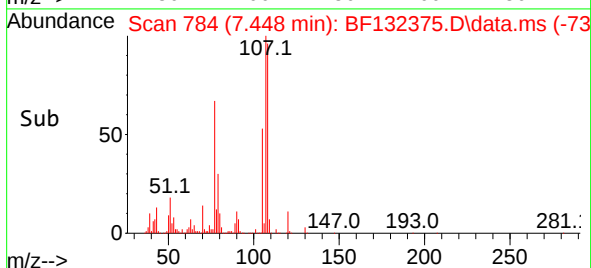
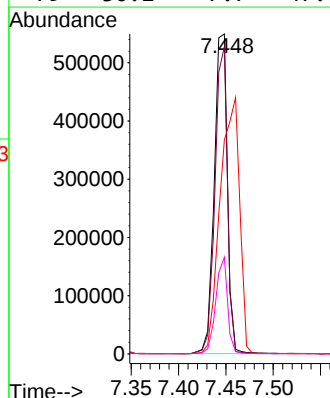
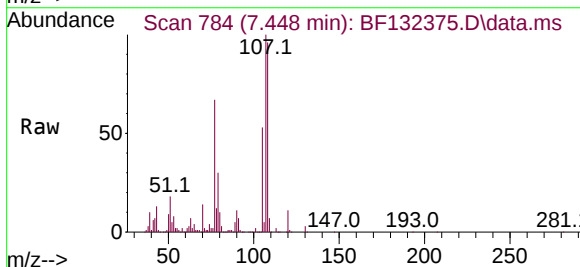
Ion Ratio Lower Upper

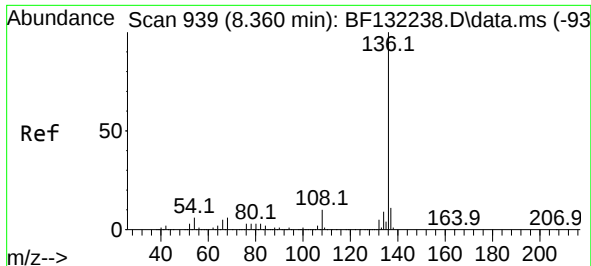
107 100

108 96.0 71.6 111.6

77 66.9 13.4 53.4#

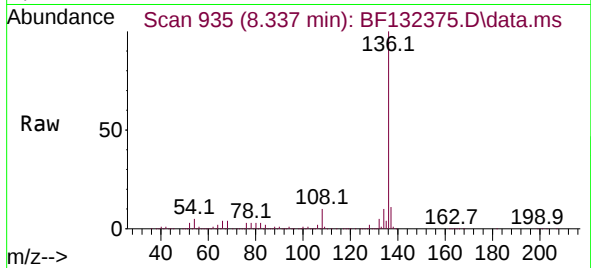
79 30.2 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.337 min Scan# 935
Delta R.T. 0.000 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

Instrument :
BNA_F
Client SampleId :
PB150732BS



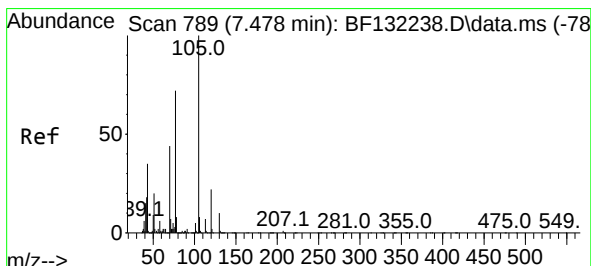
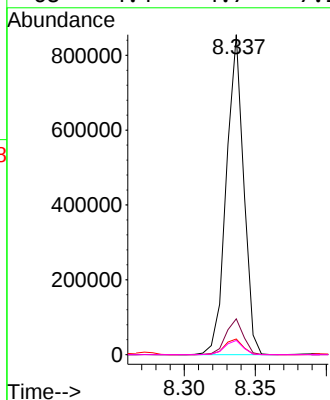
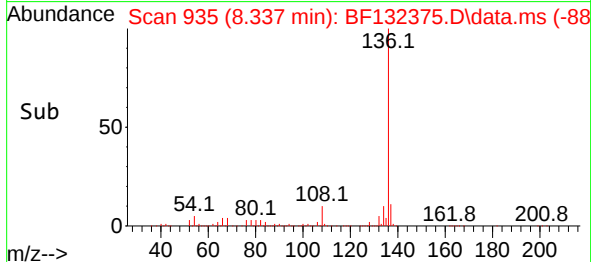
Tgt Ion:136 Resp: 725046

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	4.9	4.9	7.3
68	4.4	4.7	7.1

Manual Integrations
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Reviewed By :Christian
Giraldo
02/10/2023

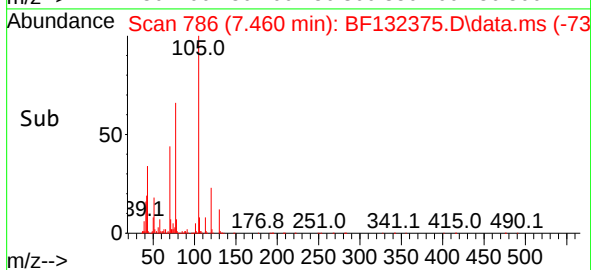
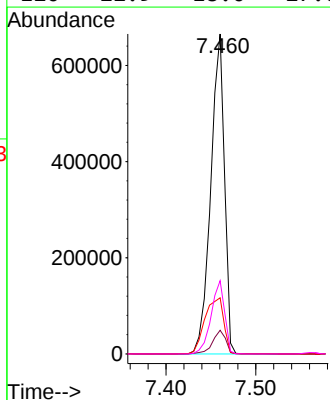
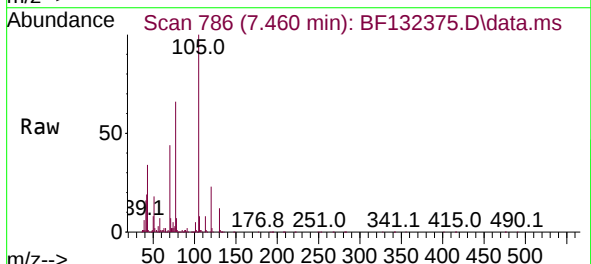
Supervised By :Jagrut
Upadhyay
02/10/2023

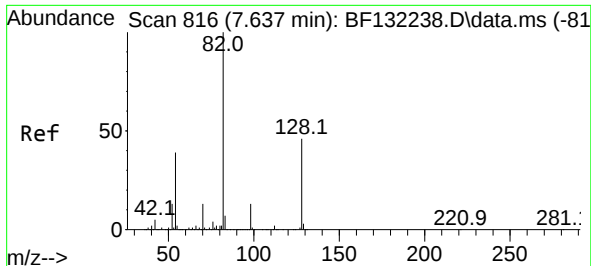


#22
Acetophenone
Concen: 41.638 ng
RT: 7.460 min Scan# 786
Delta R.T. 0.006 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

Tgt Ion:105 Resp: 709972

Ion	Ratio	Lower	Upper
105	100		
71	7.4	5.8	8.6
51	17.5	16.2	24.2
120	22.9	18.0	27.0





#23

Nitrobenzene-d5

Concen: 78.356 ng

RT: 7.619 min Scan# 813

Delta R.T. 0.006 min

Lab File: BF132375.D

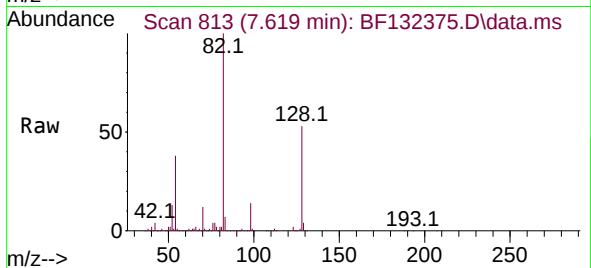
Acq: 09 Feb 2023 11:52

Instrument :

BNA_F

ClientSampleId :

PB150732BS



Tgt Ion: 82 Resp: 1020932

Ion	Ratio	Lower	Upper
82	100		
128	52.7	37.0	55.4
54	37.7	31.5	47.3

Manual Integrations

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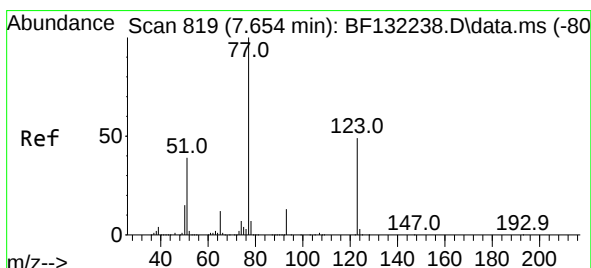
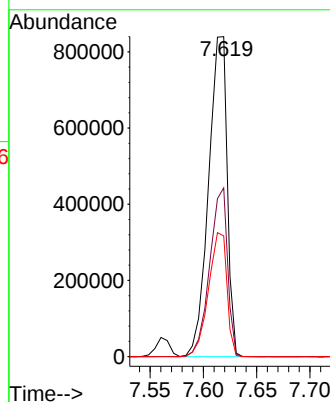
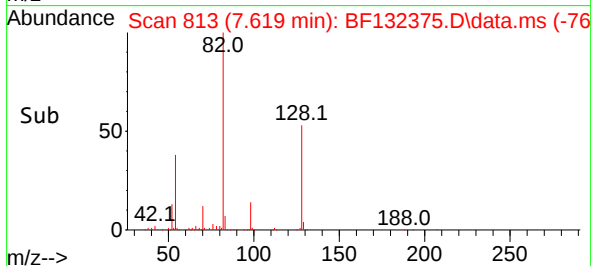
Reviewed By :Christian
Giraldo

02/10/2023

Supervised By :Jagrut

Upadhyay

02/10/2023



#24

Nitrobenzene

Concen: 38.173 ng

RT: 7.637 min Scan# 816

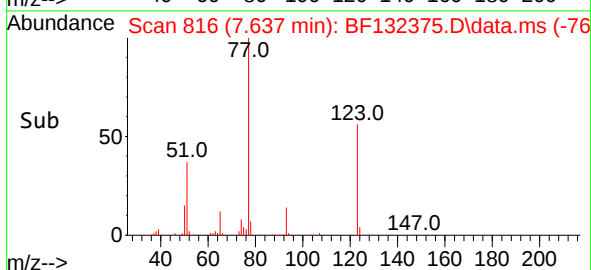
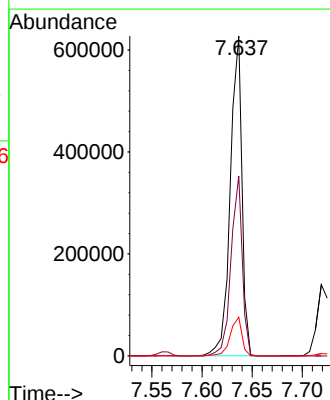
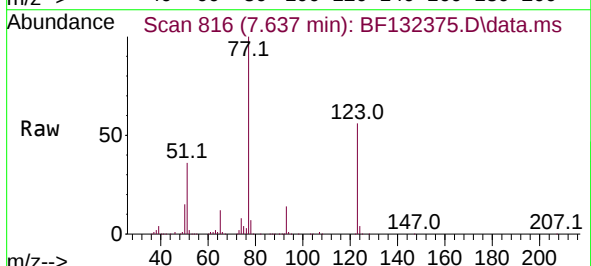
Delta R.T. 0.006 min

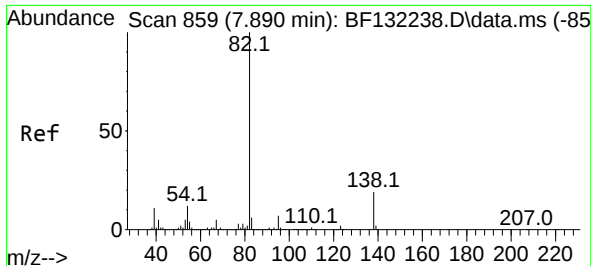
Lab File: BF132375.D

Acq: 09 Feb 2023 11:52

Tgt Ion: 77 Resp: 508112

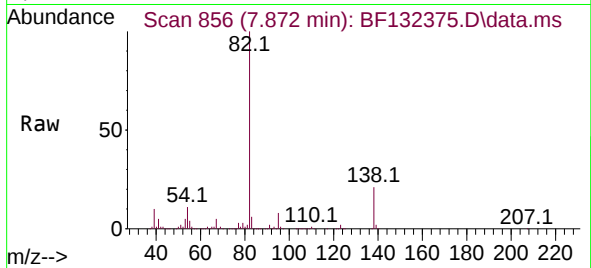
Ion	Ratio	Lower	Upper
77	100		
123	56.2	39.5	59.3
65	12.1	9.8	14.8





#25
Isophorone
Concen: 39.295 ng
RT: 7.872 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

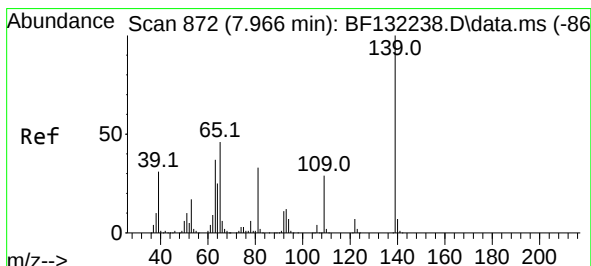
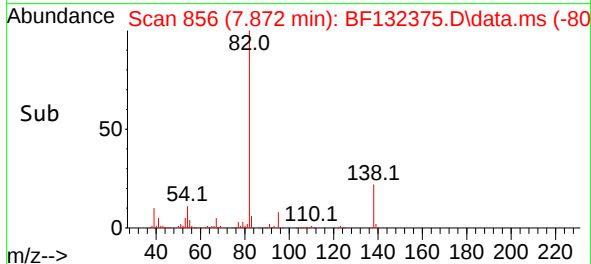
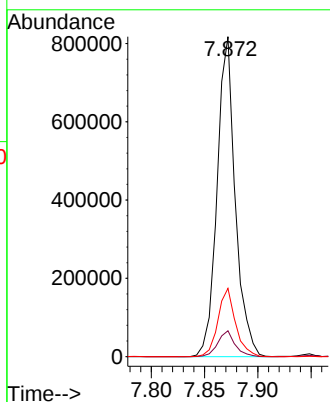
Instrument :
BNA_F
Client SampleId :
PB150732BS



Tgt Ion: 82 Resp: 971763
Ion Ratio Lower Upper
82 100
95 8.1 5.6 8.4
138 21.3 15.0 22.6

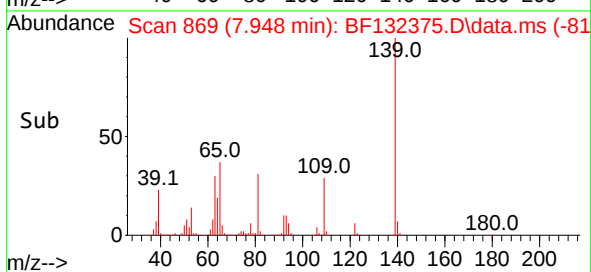
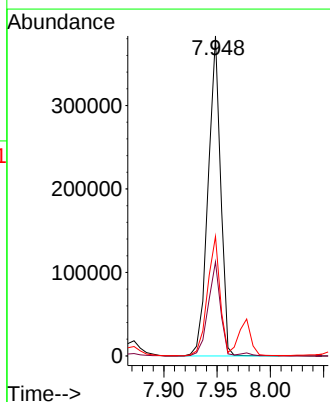
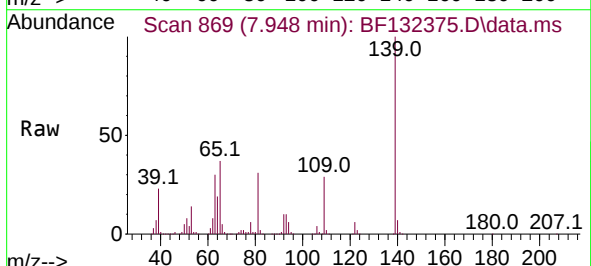
Manual Integrations
APPROVED

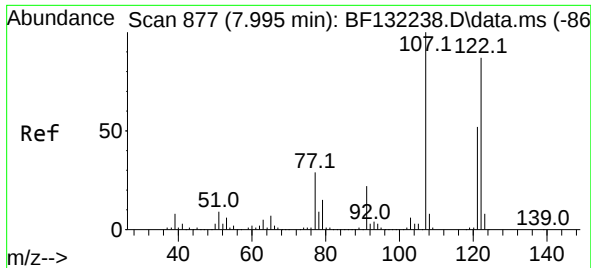
Reviewed By :Christian
Giraldo
02/10/2023
Supervised By :Jagrut
Upadhyay
02/10/2023



#26
2-Nitrophenol
Concen: 48.125 ng
RT: 7.948 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

Tgt Ion:139 Resp: 312029
Ion Ratio Lower Upper
139 100
109 29.4 23.0 34.6
65 37.3 36.6 55.0





#27

2,4-Dimethylphenol

Concen: 43.132 ng

RT: 7.978 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF132375.D

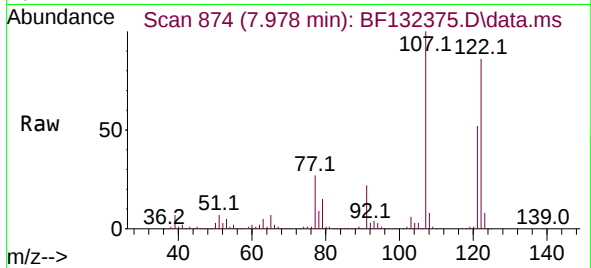
Acq: 09 Feb 2023 11:52

Instrument :

BNA_F

ClientSampleId :

PB150732BS



Tgt Ion:122 Resp: 489488

Ion Ratio Lower Upper

122 100

107 115.7 91.9 137.9

121 60.0 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :Christian

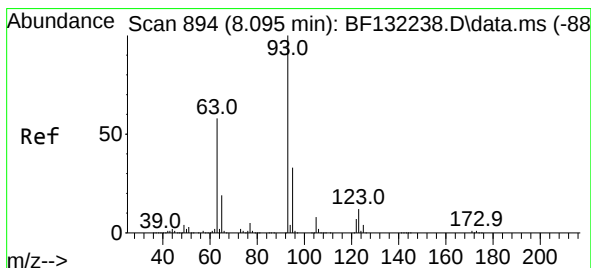
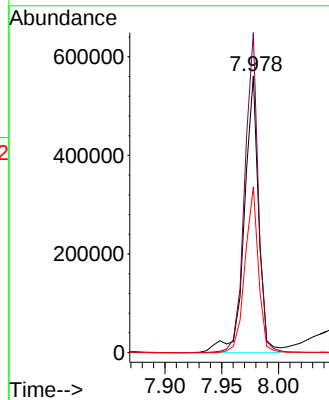
Giraldo

02/10/2023

Supervised By :Jagrut

Upadhyay

02/10/2023



#28

bis(2-Chloroethoxy)methane

Concen: 40.354 ng

RT: 8.078 min Scan# 891

Delta R.T. 0.006 min

Lab File: BF132375.D

Acq: 09 Feb 2023 11:52

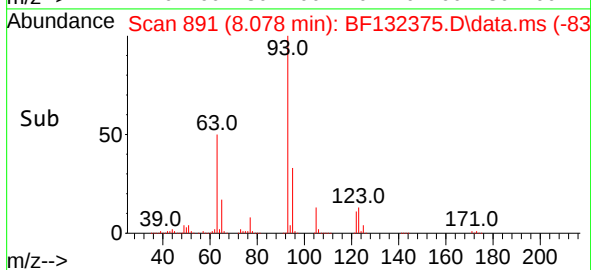
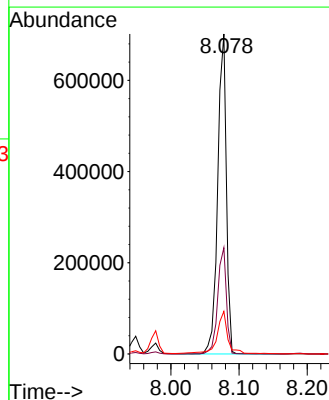
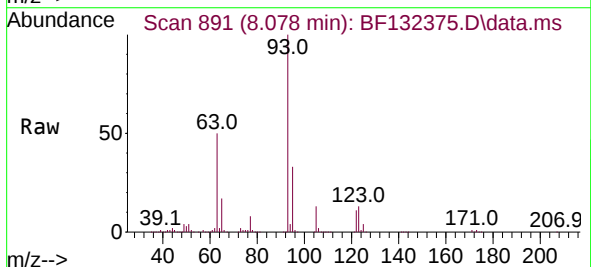
Tgt Ion: 93 Resp: 613264

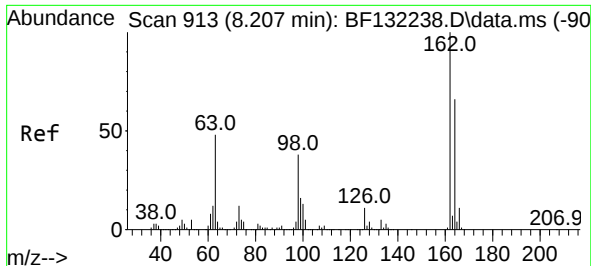
Ion Ratio Lower Upper

93 100

95 33.2 26.6 40.0

123 13.3 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 45.456 ng

RT: 8.190 min Scan# 910

Delta R.T. 0.006 min

Lab File: BF132375.D

Acq: 09 Feb 2023 11:52

Instrument :

BNA_F

ClientSampleId :

PB150732BS

Tgt Ion:162 Resp: 457996

Ion	Ratio	Lower	Upper
162	100		
164	64.4	46.4	86.4
98	35.1	17.8	57.8

Manual Integrations
APPROVED

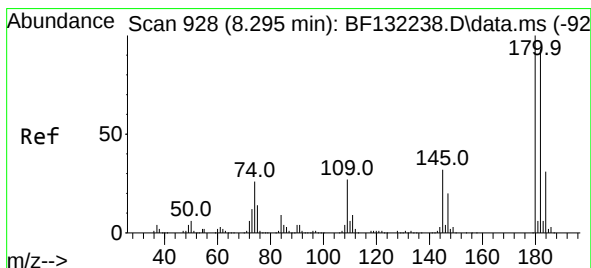
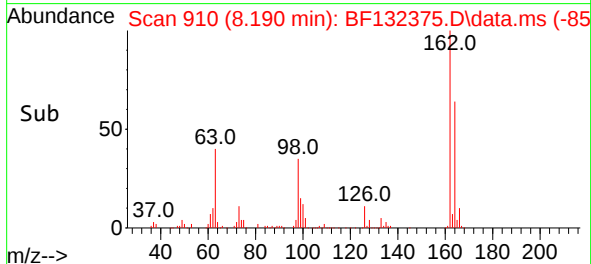
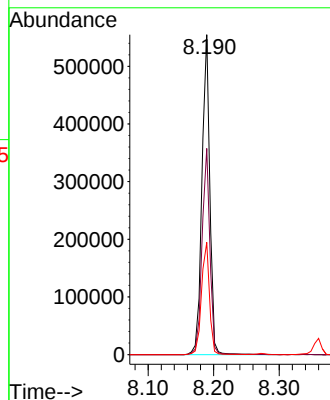
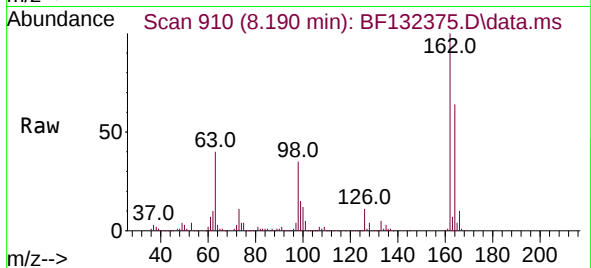
Reviewed By :Christian
Giraldo

02/10/2023

Supervised By :Jagrut

Upadhyay

02/10/2023



#30

1,2,4-Trichlorobenzene

Concen: 47.331 ng

RT: 8.272 min Scan# 924

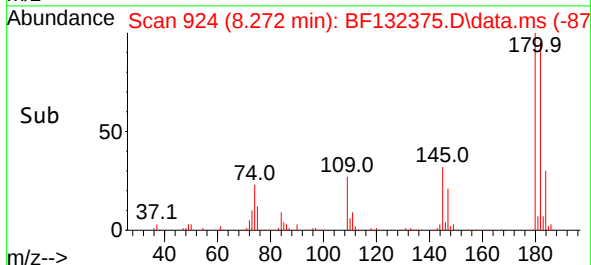
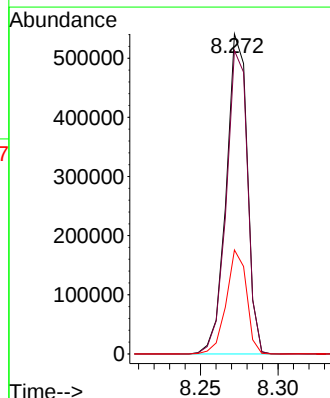
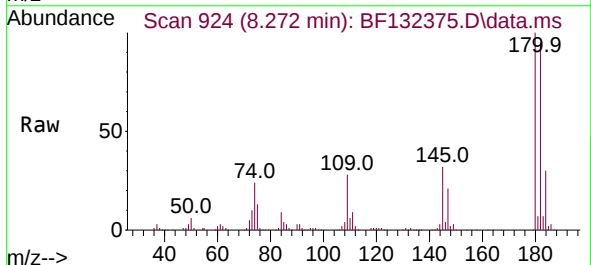
Delta R.T. 0.000 min

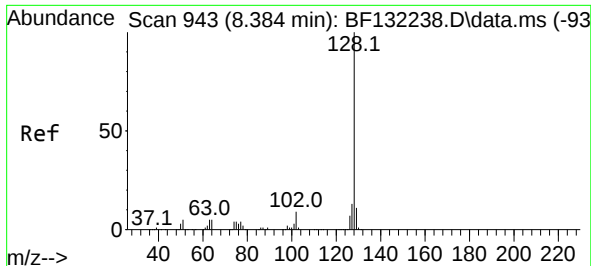
Lab File: BF132375.D

Acq: 09 Feb 2023 11:52

Tgt Ion:180 Resp: 510682

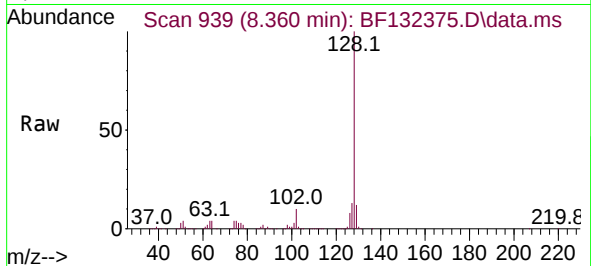
Ion	Ratio	Lower	Upper
180	100		
182	94.8	74.6	112.0
145	32.5	25.3	37.9





#31
Naphthalene
Concen: 42.214 ng
RT: 8.360 min Scan# 931
Delta R.T. 0.000 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

Instrument :
BNA_F
ClientSampleId :
PB150732BS

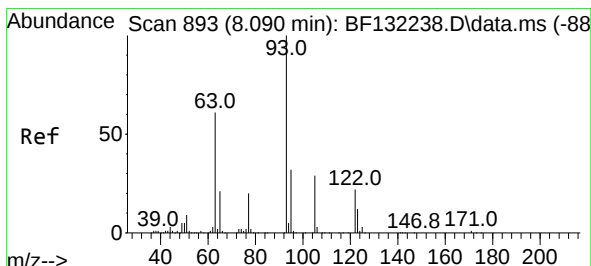
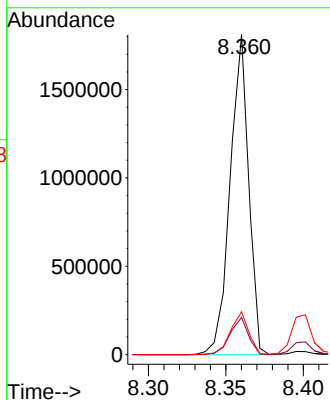
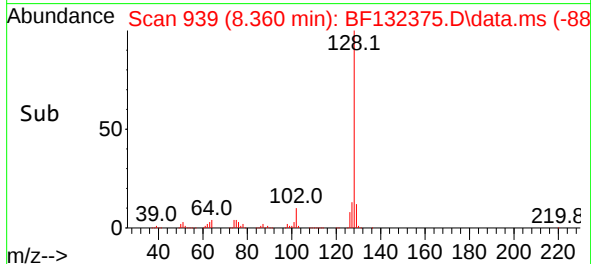


Tgt Ion:128 Resp: 1506575
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.4
127 13.4 10.5 15.7

Manual Integrations
APPROVED

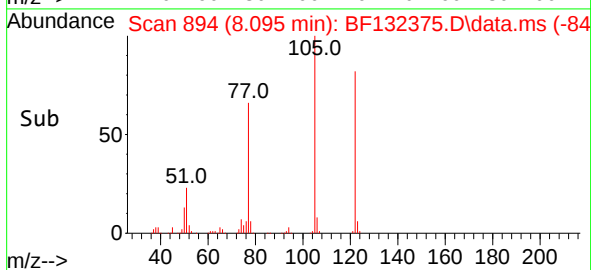
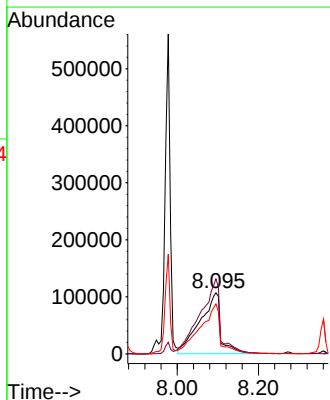
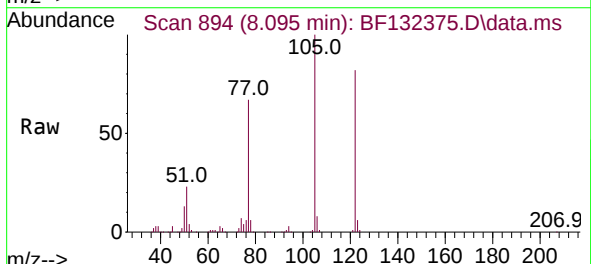
Reviewed By :Christian
Giraldo
02/10/2023

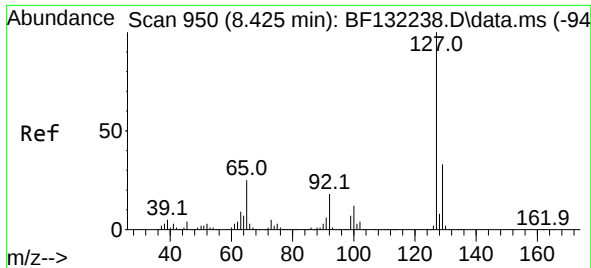
Supervised By :Jagrut
Upadhyay
02/10/2023



#32
Benzoic acid
Concen: 45.716 ng
RT: 8.095 min Scan# 894
Delta R.T. 0.012 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

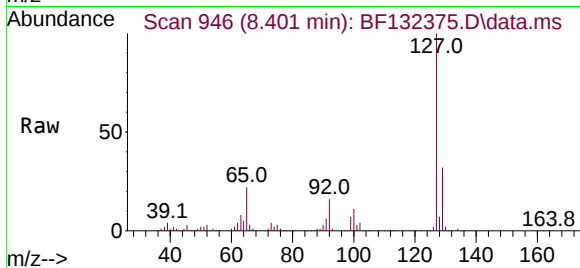
Tgt Ion:122 Resp: 384029
Ion Ratio Lower Upper
122 100
105 122.6 106.3 146.3
77 81.9 70.6 110.6





#33
4-Chloroaniline
Concen: 13.956 ng
RT: 8.401 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

Instrument :
BNA_F
Client SampleId :
PB150732BS

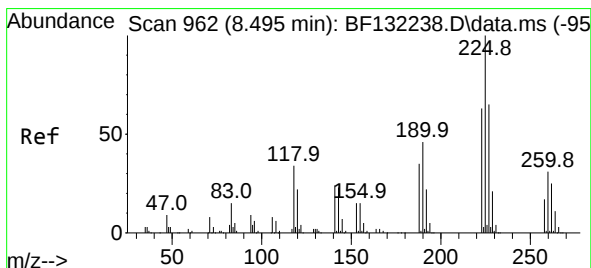
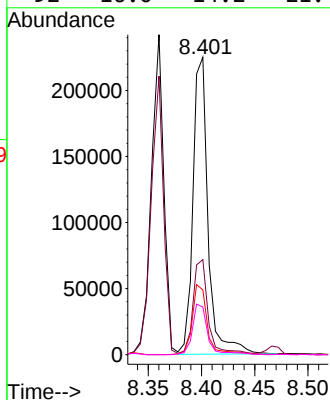
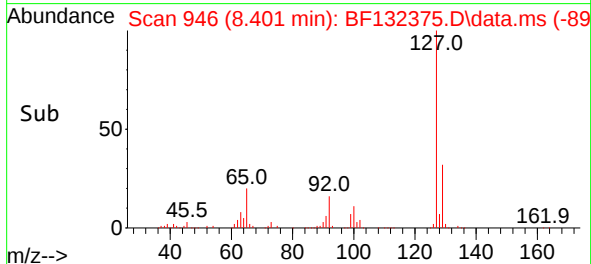


Tgt Ion:127 Resp: 220858
Ion Ratio Lower Upper
127 100
129 31.9 26.6 39.8
65 21.8 20.2 30.2
92 16.0 14.2 21.4

Manual Integrations
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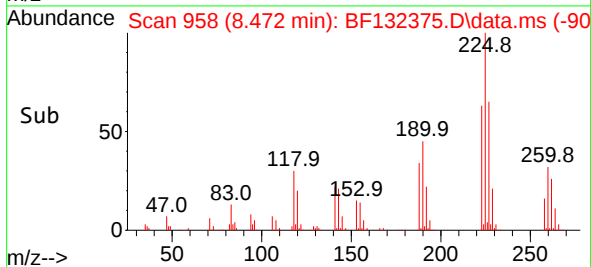
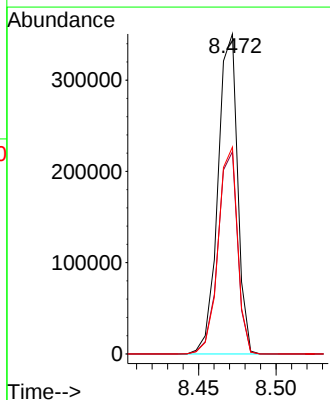
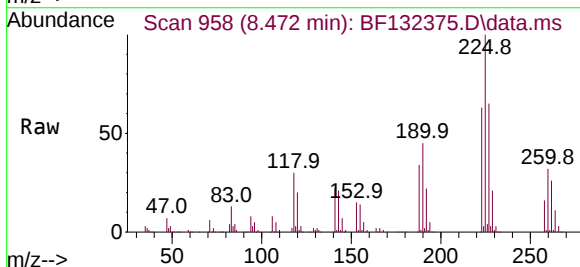
Reviewed By :Christian
Giraldo
02/10/2023

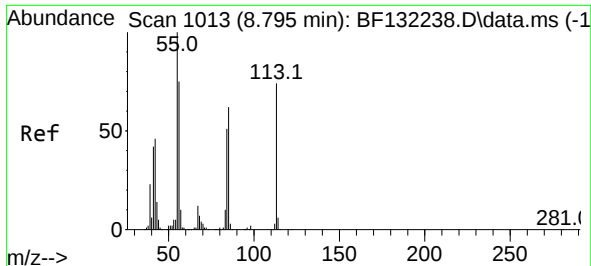
Supervised By :Jagrut
Upadhyay
02/10/2023



#34
Hexachlorobutadiene
Concen: 51.265 ng
RT: 8.472 min Scan# 958
Delta R.T. 0.000 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

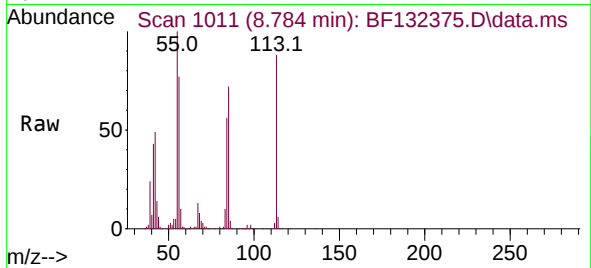
Tgt Ion:225 Resp: 310955
Ion Ratio Lower Upper
225 100
223 63.2 50.6 75.8
227 64.6 51.7 77.5





#35
Caprolactam
Concen: 42.297 ng m
RT: 8.784 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

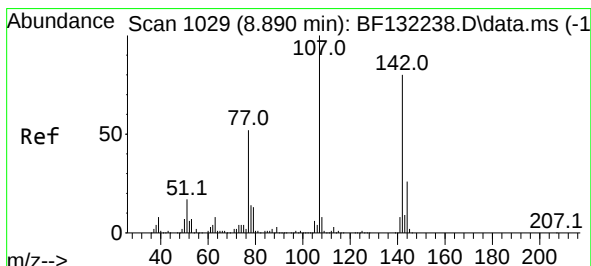
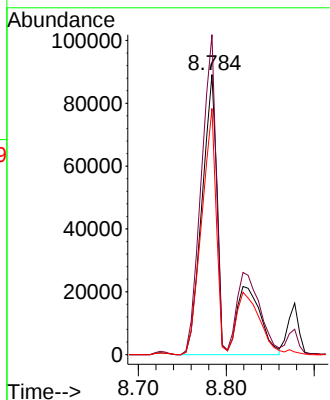
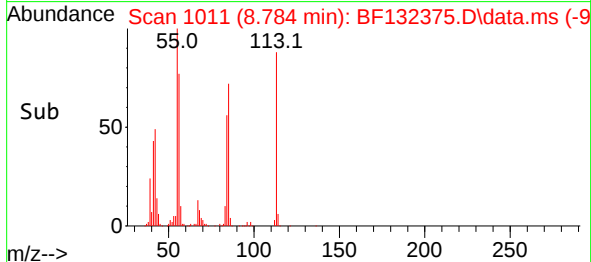
Instrument :
BNA_F
ClientSampleId :
PB150732BS



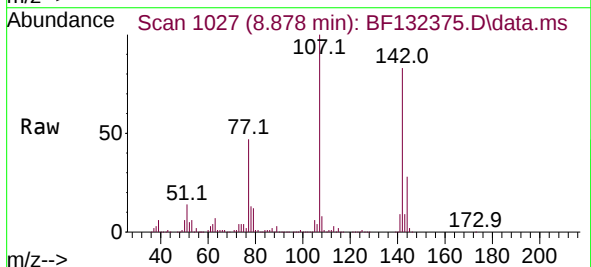
Tgt Ion:113 Resp: 145286
Ion Ratio Lower Upper
113 100
55 114.2 114.7 154.7
56 87.9 81.1 121.1

Manual Integrations
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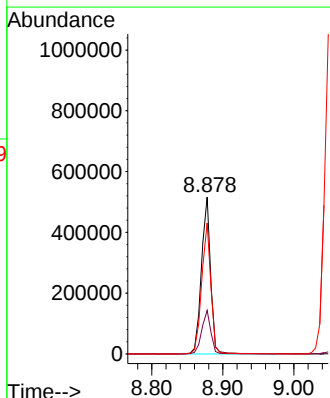
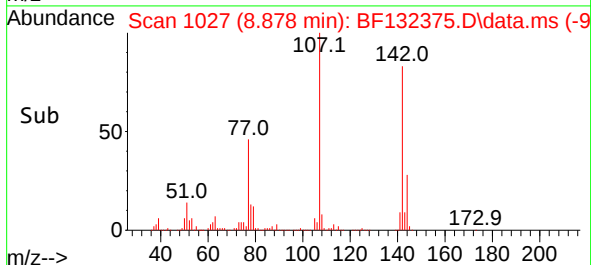
Reviewed By :Christian
Giraldo
02/10/2023
Supervised By :Jagrut
Upadhyay
02/10/2023

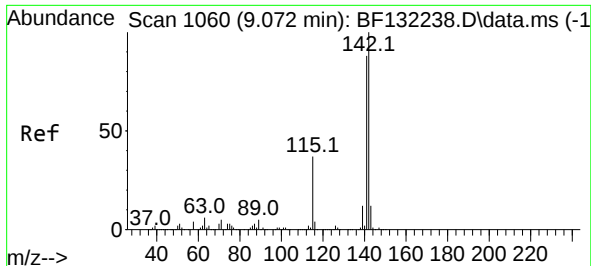


#36
4-Chloro-3-methylphenol
Concen: 42.153 ng
RT: 8.878 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52



Tgt Ion:107 Resp: 457558
Ion Ratio Lower Upper
107 100
144 27.7 20.5 30.7
142 83.4 63.6 95.4





#37
2-Methylnaphthalene
Concen: 41.437 ng
RT: 9.048 min Scan# 1056
Delta R.T. 0.000 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

Instrument :

BNA_F

ClientSampleId :

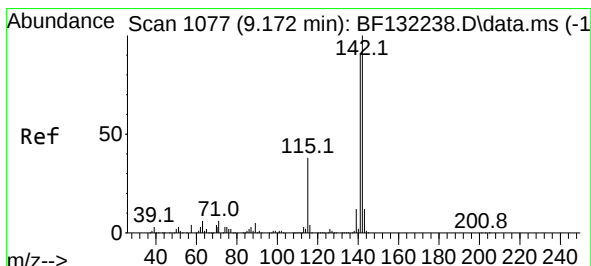
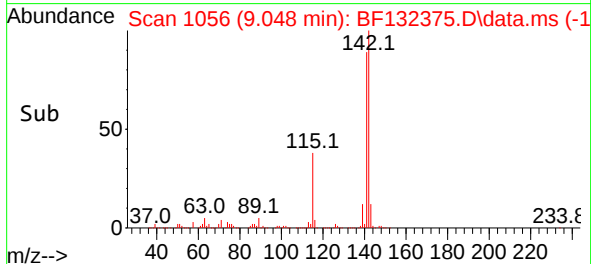
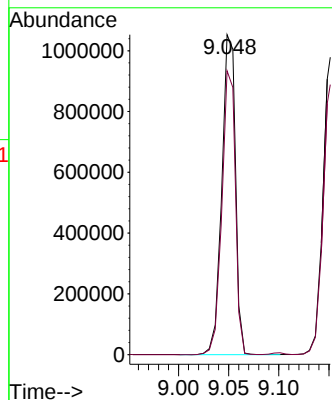
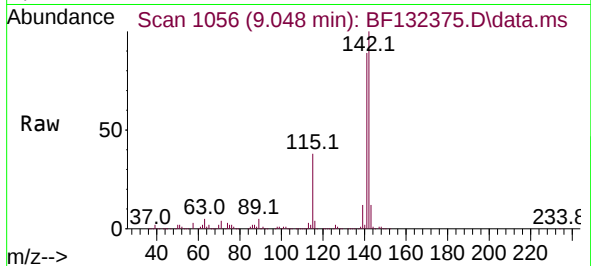
PB150732BS

Tgt Ion:142 Resp: 1001708
Ion Ratio Lower Upper
142 100
141 88.7 70.1 105.1

Manual Integrations
APPROVED

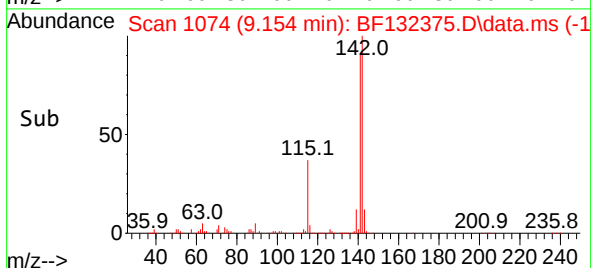
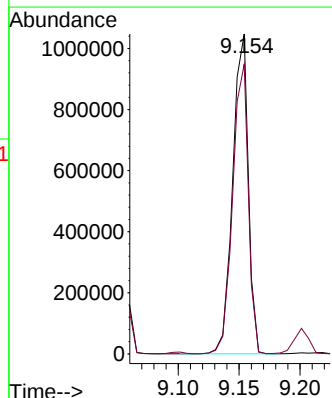
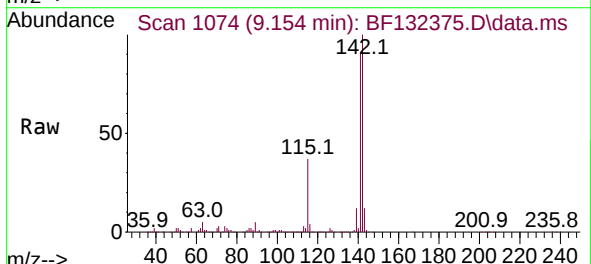
Reviewed By :Christian
Giraldo
02/10/2023

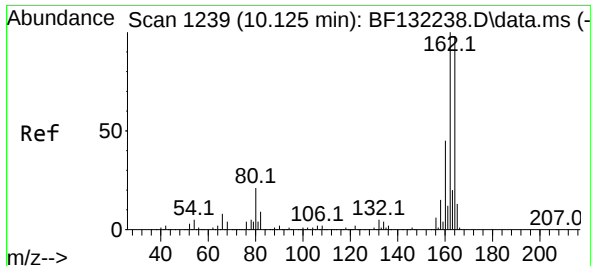
Supervised By :Jagrut
Upadhyay
02/10/2023



#38
1-Methylnaphthalene
Concen: 41.683 ng
RT: 9.154 min Scan# 1074
Delta R.T. 0.006 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

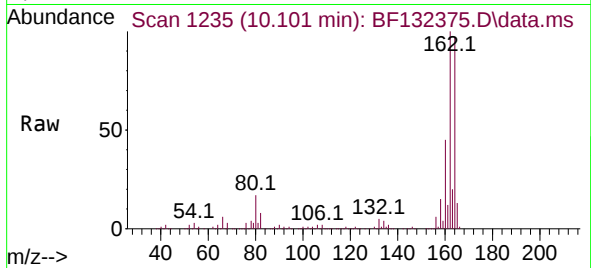
Tgt Ion:142 Resp: 936418
Ion Ratio Lower Upper
142 100
141 90.5 72.6 108.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.101 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

Instrument :
BNA_F
ClientSampleId :
PB150732BS

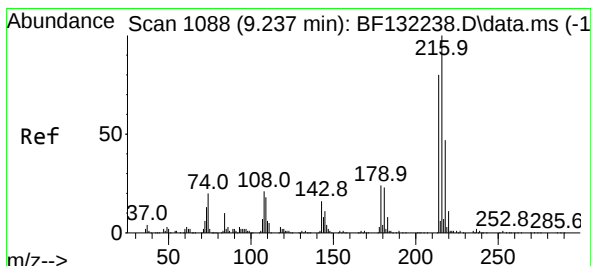
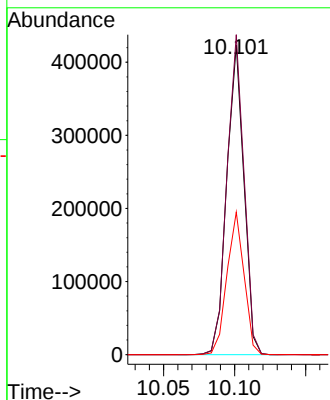
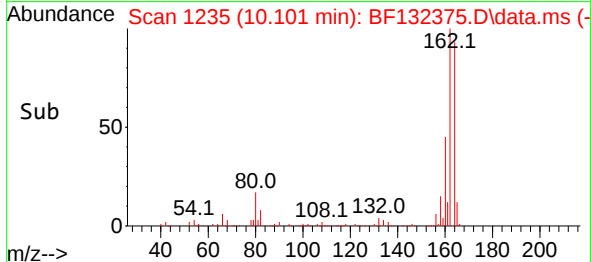


Tgt Ion:164 Resp: 355264
Ion Ratio Lower Upper
164 100
162 103.3 82.0 123.0
160 46.0 37.1 55.7

Manual Integrations
APPROVED

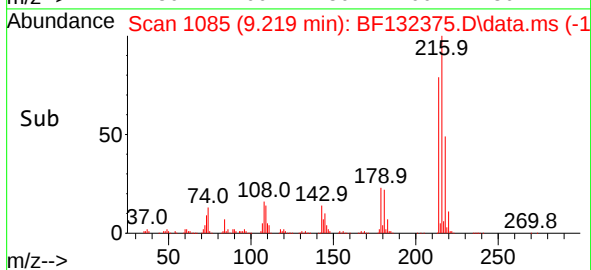
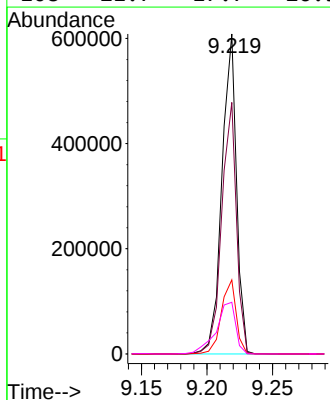
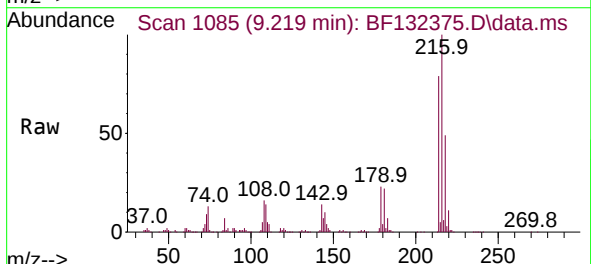
Reviewed By :Christian
Giraldo
02/10/2023

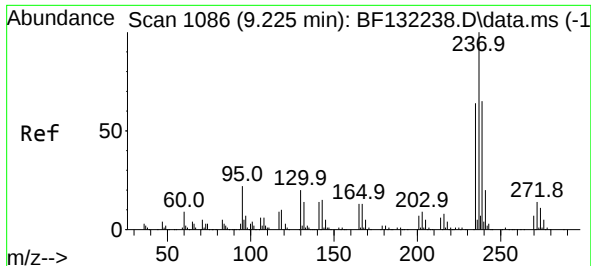
Supervised By :Jagrut
Upadhyay
02/10/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.258 ng
RT: 9.219 min Scan# 1085
Delta R.T. 0.006 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

Tgt Ion:216 Resp: 472463
Ion Ratio Lower Upper
216 100
214 79.3 63.6 95.4
179 23.4 18.3 27.5
108 21.7 17.7 26.5





#41
Hexachlorocyclopentadiene
Concen: 94.389 ng
RT: 9.201 min Scan# 1082
Delta R.T. 0.000 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

Instrument :

BNA_F

ClientSampleId :

PB150732BS

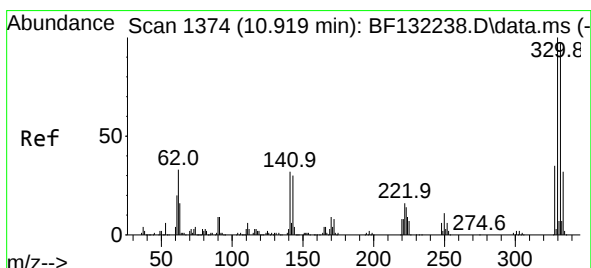
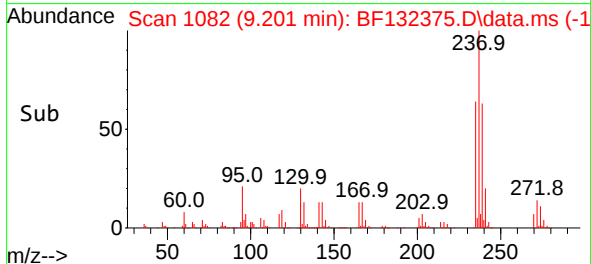
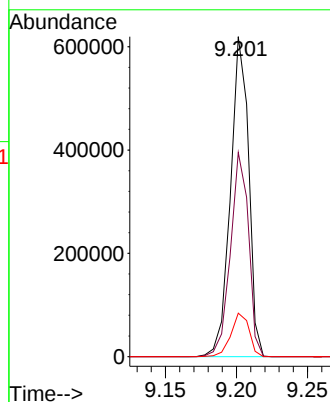
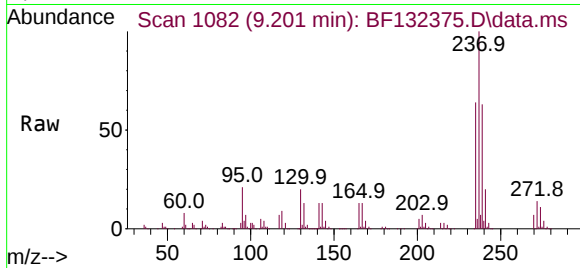
Tgt Ion:237 Resp: 550556
Ion Ratio Lower Upper
237 100
235 63.8 43.5 83.5
272 13.6 0.0 33.6

Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo

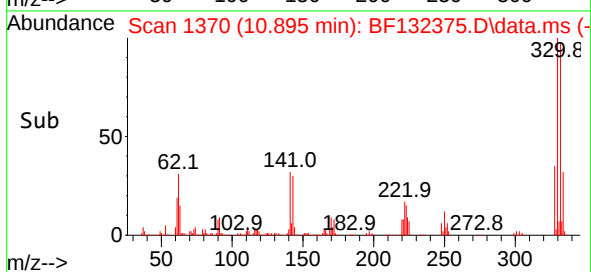
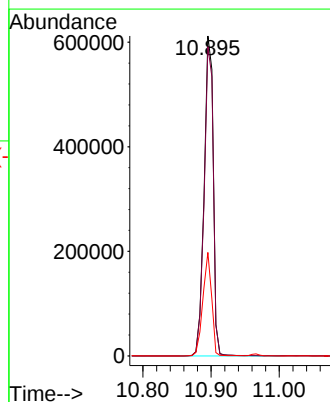
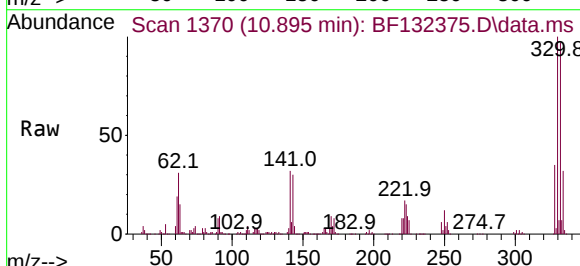
02/10/2023

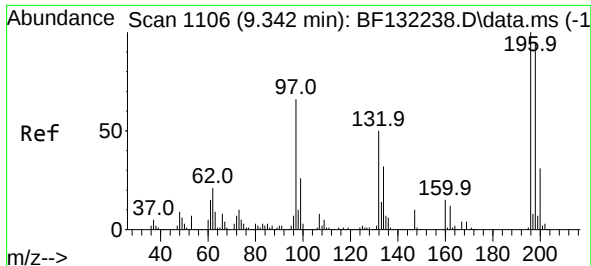
Supervised By :Jagrut
Upadhyay
02/10/2023



#42
2,4,6-Tribromophenol
Concen: 156.246 ng
RT: 10.895 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

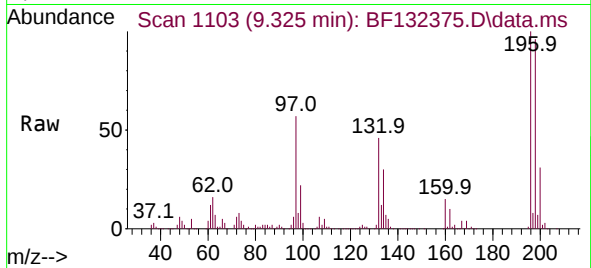
Tgt Ion:330 Resp: 570830
Ion Ratio Lower Upper
330 100
332 96.9 77.9 116.9
141 30.9 31.0 46.4#





#43
2,4,6-Trichlorophenol
Concen: 46.457 ng
RT: 9.325 min Scan# 1103
Delta R.T. 0.000 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

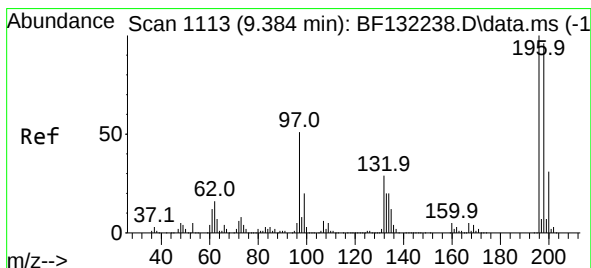
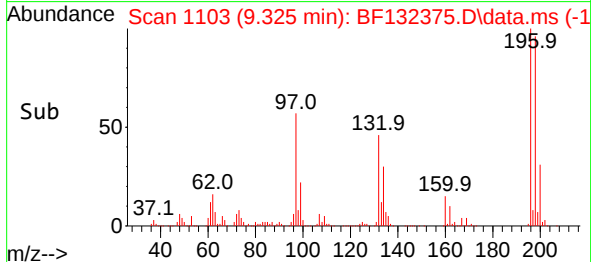
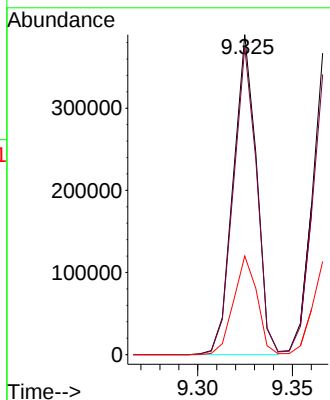
Instrument :
BNA_F
ClientSampleId :
PB150732BS



Tgt Ion:196 Resp: 332009
Ion Ratio Lower Upper
196 100
198 96.2 75.9 113.9
200 30.8 24.7 37.1

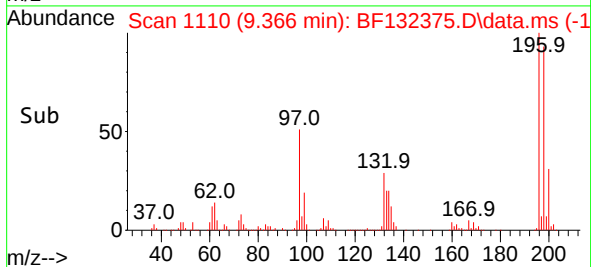
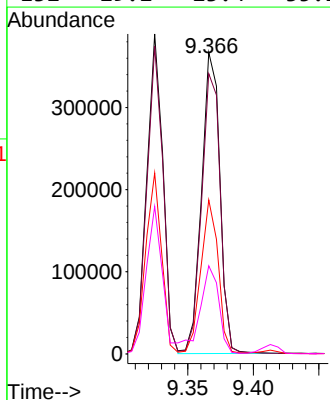
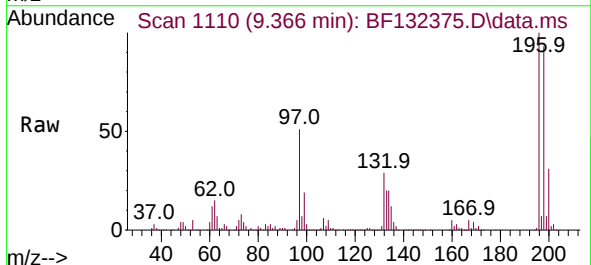
Manual Integrations
APPROVED

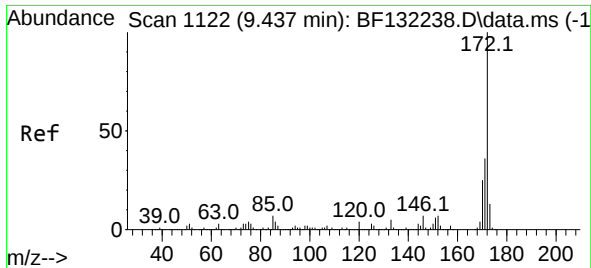
Reviewed By :Christian
Giraldo
02/10/2023
Supervised By :Jagrut
Upadhyay
02/10/2023



#44
2,4,5-Trichlorophenol
Concen: 43.405 ng
RT: 9.366 min Scan# 1110
Delta R.T. 0.006 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

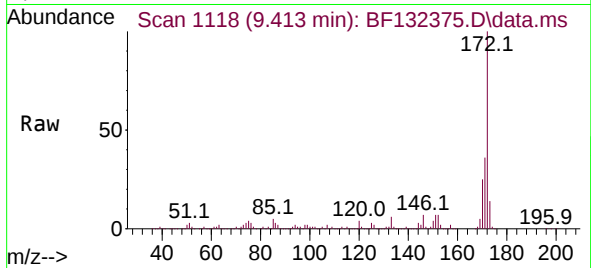
Tgt Ion:196 Resp: 357029
Ion Ratio Lower Upper
196 100
198 93.0 77.0 115.4
97 51.1 41.2 61.8
132 29.2 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 82.921 ng
RT: 9.413 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

Instrument :
BNA_F
ClientSampleId :
PB150732BS

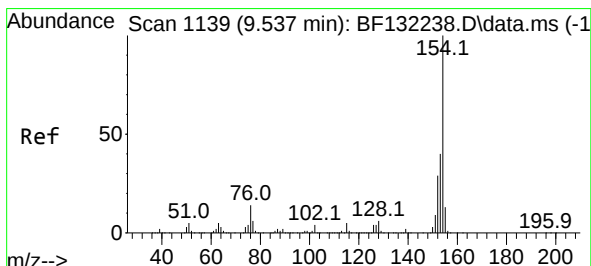
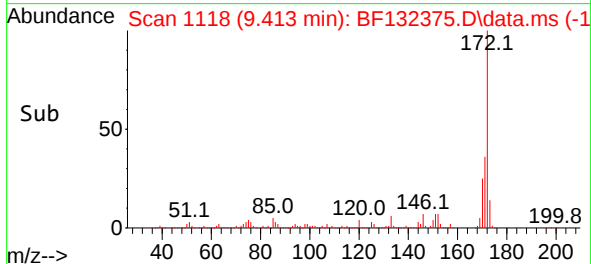
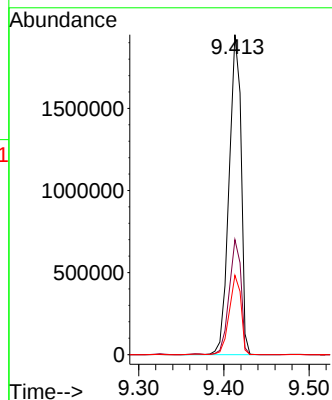


Tgt Ion:172 Resp: 1907646
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 24.8 19.7 29.5

Manual Integrations
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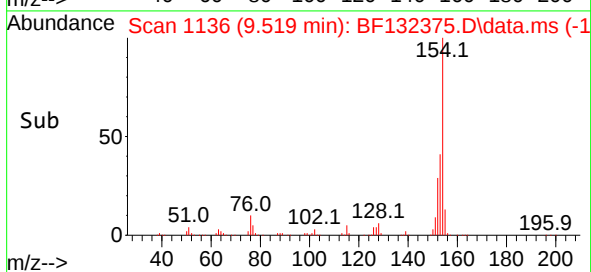
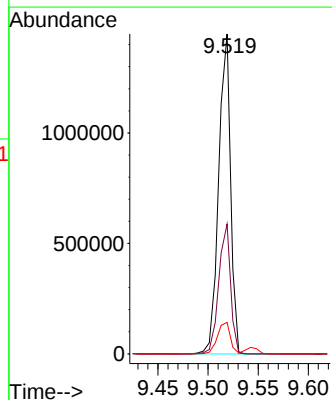
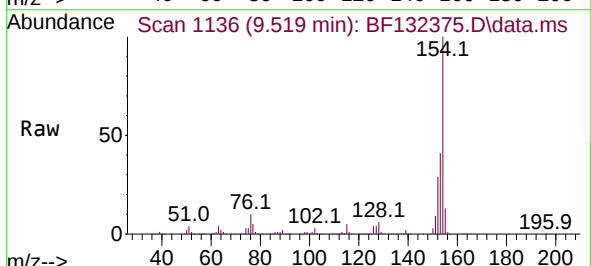
Reviewed By :Christian
Giraldo
02/10/2023

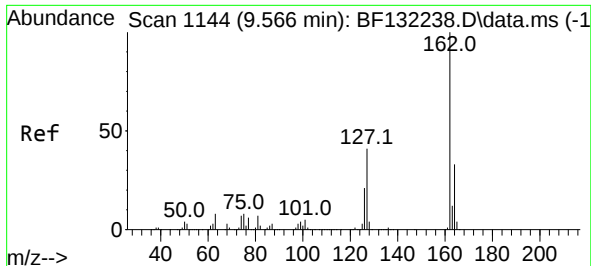
Supervised By :Jagrut
Upadhyay
02/10/2023



#46
1,1'-Biphenyl
Concen: 43.790 ng
RT: 9.519 min Scan# 1136
Delta R.T. 0.006 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

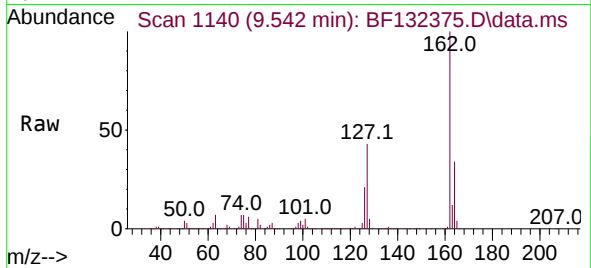
Tgt Ion:154 Resp: 1199372
Ion Ratio Lower Upper
154 100
153 40.6 19.9 59.9
76 9.8 0.0 34.0





#47
2-Chloronaphthalene
Concen: 44.682 ng
RT: 9.542 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

Instrument :
BNA_F
ClientSampleId :
PB150732BS

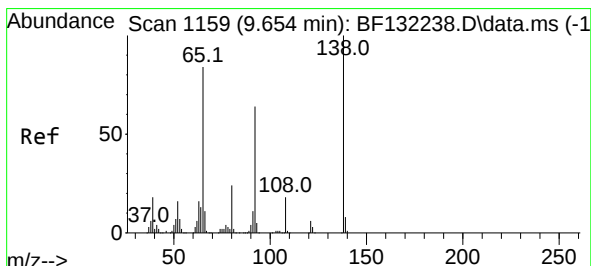
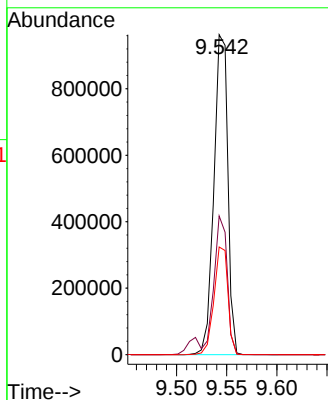
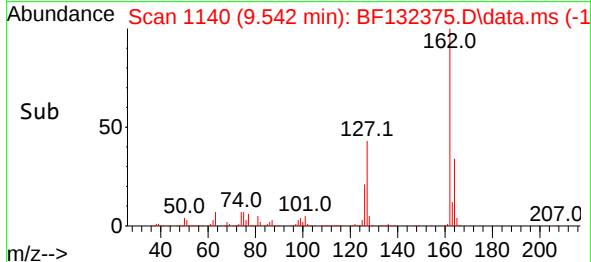


Tgt Ion:162 Resp: 932091
Ion Ratio Lower Upper
162 100
127 43.3 33.3 49.9
164 33.6 26.8 40.2

Manual Integrations
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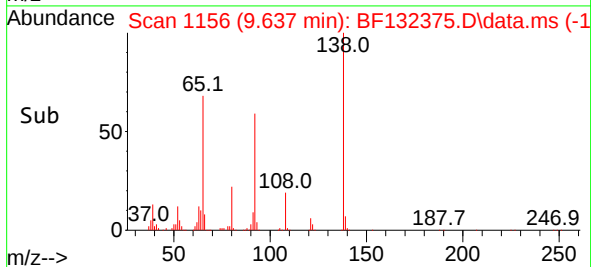
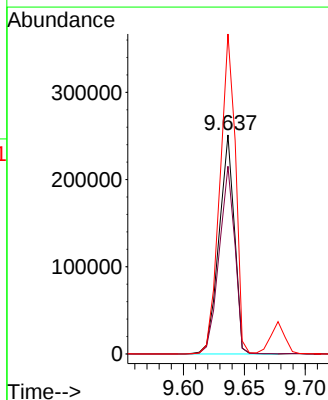
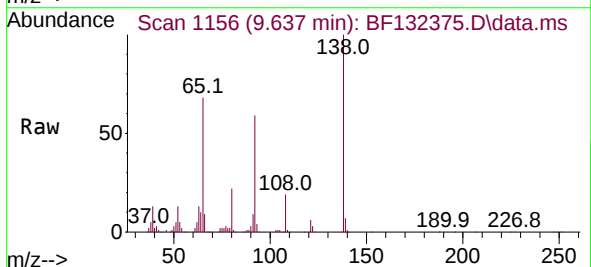
Reviewed By :Christian
Giraldo
02/10/2023

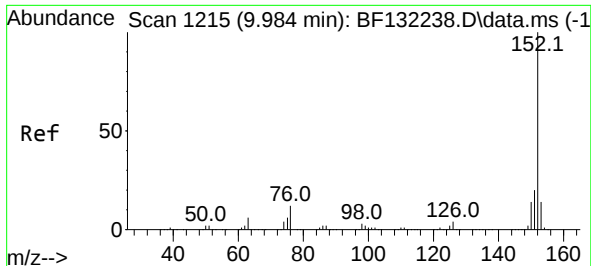
Supervised By :Jagrut
Upadhyay
02/10/2023



#48
2-Nitroaniline
Concen: 35.545 ng
RT: 9.637 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

Tgt Ion: 65 Resp: 220524
Ion Ratio Lower Upper
65 100
92 85.7 61.0 91.4
138 146.2 95.0 142.4#





#49

Acenaphthylene

Concen: 42.082 ng

RT: 9.966 min Scan# 1186

Delta R.T. 0.006 min

Lab File: BF132375.D

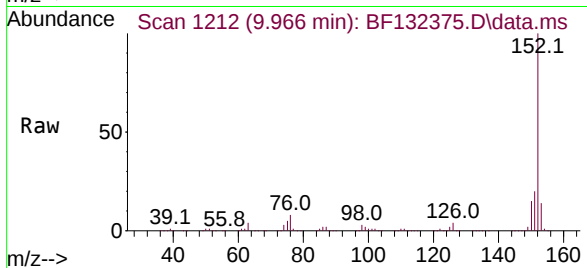
Acq: 09 Feb 2023 11:52

Instrument :

BNA_F

ClientSampleId :

PB150732BS



Tgt Ion:152 Resp: 143270

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.9	23.9
153	13.5	10.9	16.3

Manual Integrations

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Reviewed By :Christian

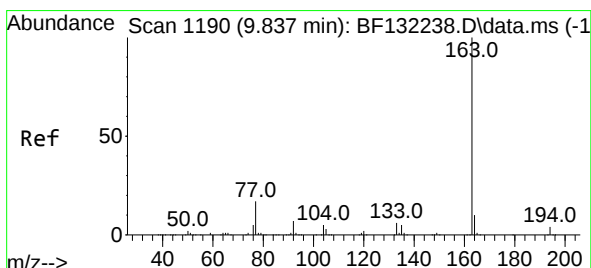
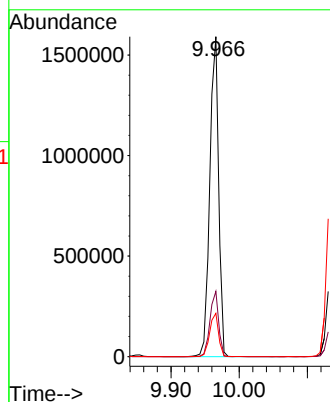
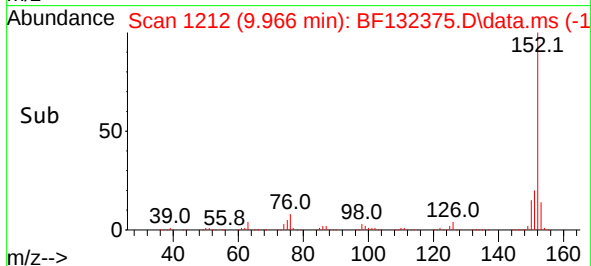
Giraldo

02/10/2023

Supervised By :Jagrut

Upadhyay

02/10/2023



#50

Dimethylphthalate

Concen: 43.824 ng

RT: 9.813 min Scan# 1186

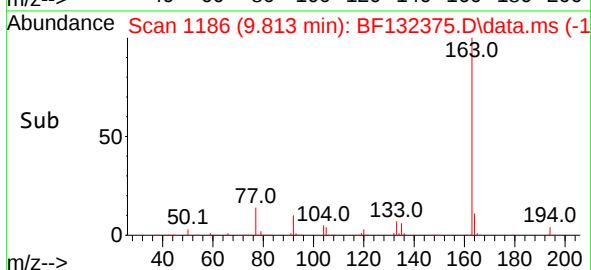
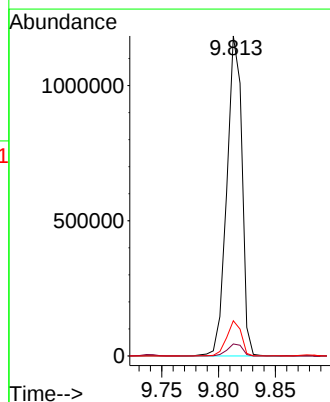
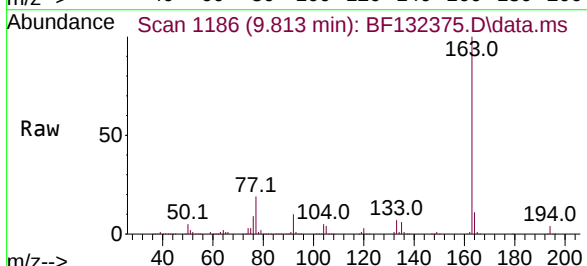
Delta R.T. 0.000 min

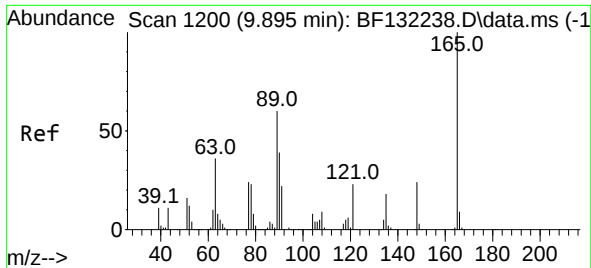
Lab File: BF132375.D

Acq: 09 Feb 2023 11:52

Tgt Ion:163 Resp: 1089066

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	11.0	7.9	11.9





#51
2,6-Dinitrotoluene
Concen: 45.072 ng
RT: 9.878 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

Instrument :

BNA_F

ClientSampleId :

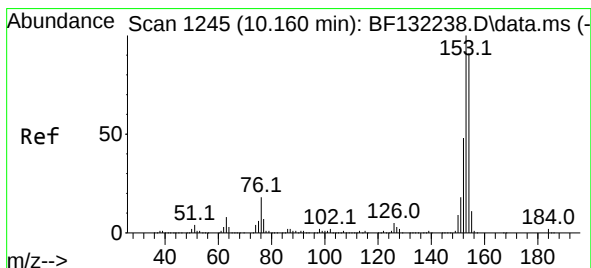
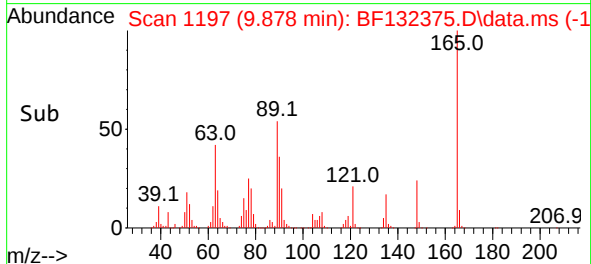
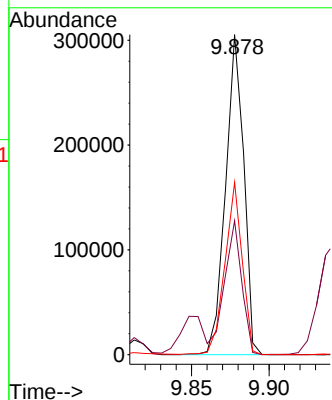
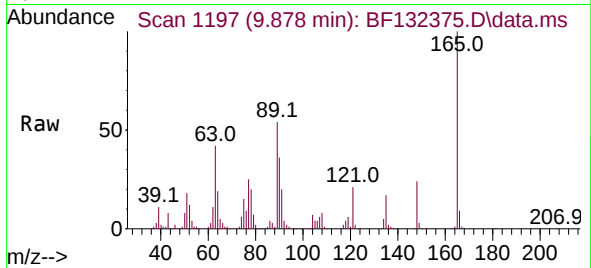
PB150732BS

Tgt Ion:165 Resp: 250156
Ion Ratio Lower Upper
165 100
63 41.8 41.5 62.3
89 53.8 48.1 72.1

Manual Integrations
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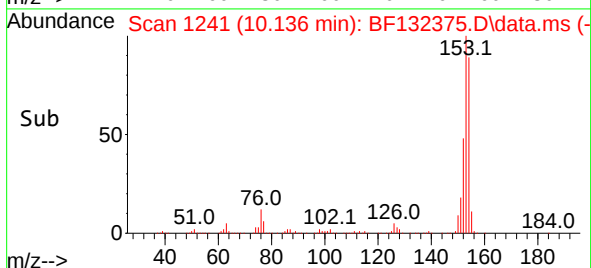
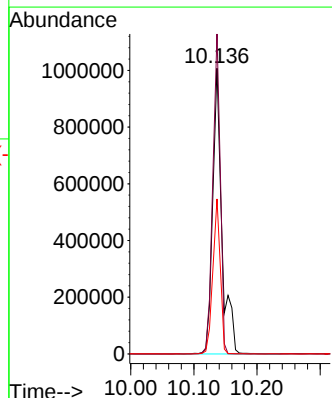
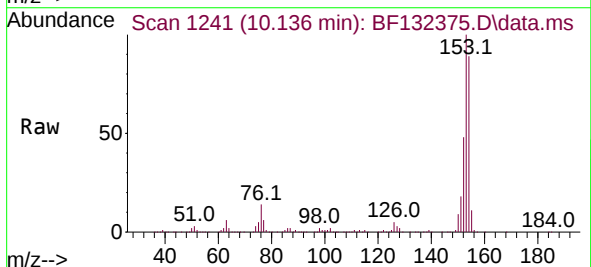
Reviewed By :Christian
Giraldo
02/10/2023

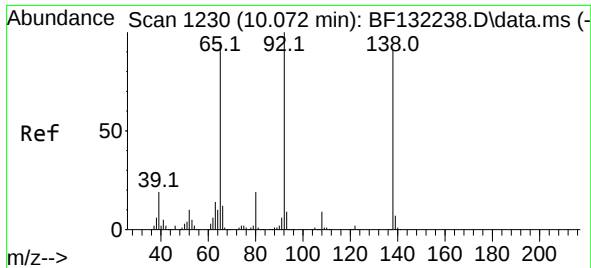
Supervised By :Jagrut
Upadhyay
02/10/2023



#52
Acenaphthene
Concen: 48.222 ng
RT: 10.136 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

Tgt Ion:154 Resp: 1027856
Ion Ratio Lower Upper
154 100
153 112.0 88.3 132.5
152 54.3 42.7 64.1





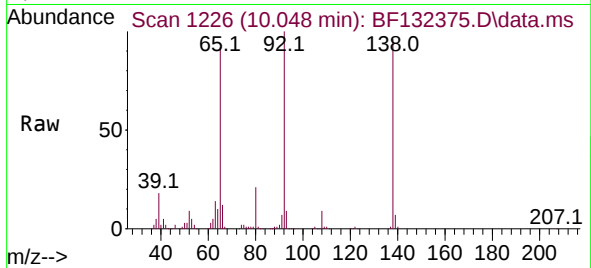
#53
3-Nitroaniline
Concen: 27.280 ng
RT: 10.048 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

Instrument :

BNA_F

ClientSampleId :

PB150732BS

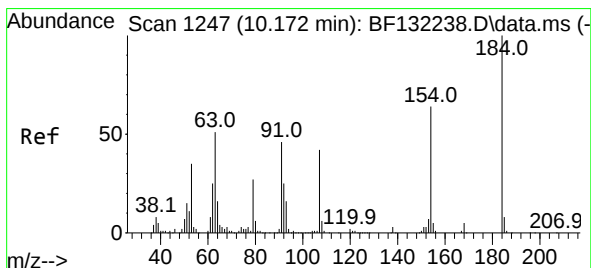
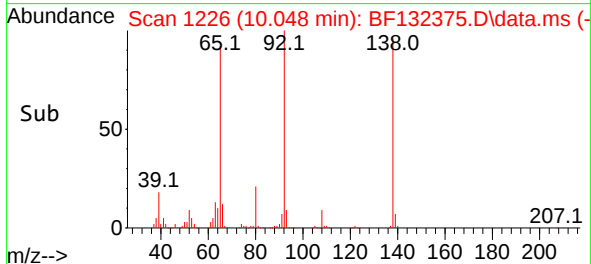
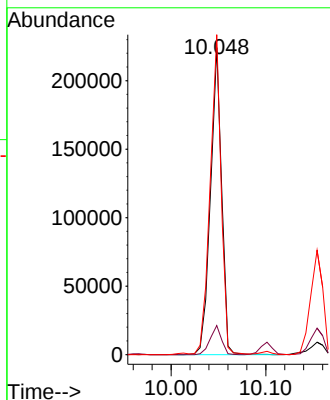


Tgt Ion:138 Resp: 183614
Ion Ratio Lower Upper
138 100
108 9.5 7.6 11.4
92 104.3 88.3 132.5

Manual Integrations
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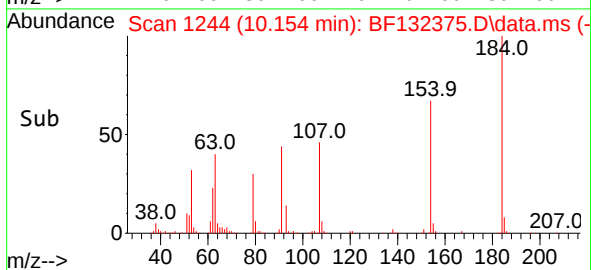
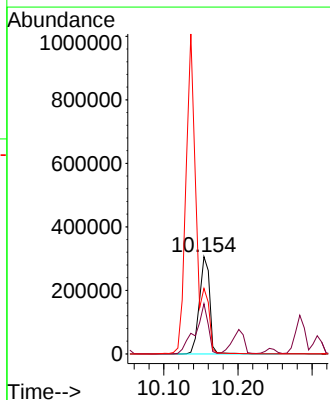
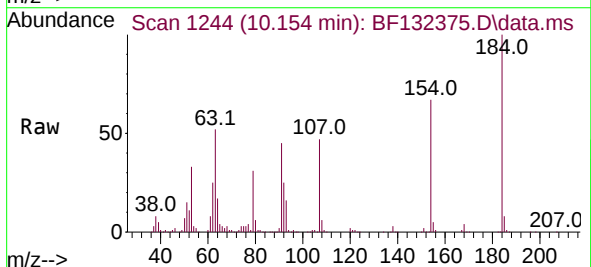
Reviewed By :Christian
Giraldo
02/10/2023

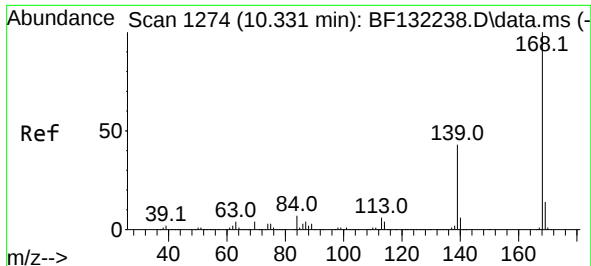
Supervised By :Jagrut
Upadhyay
02/10/2023



#54
2,4-Dinitrophenol
Concen: 90.976 ng
RT: 10.154 min Scan# 1244
Delta R.T. 0.006 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

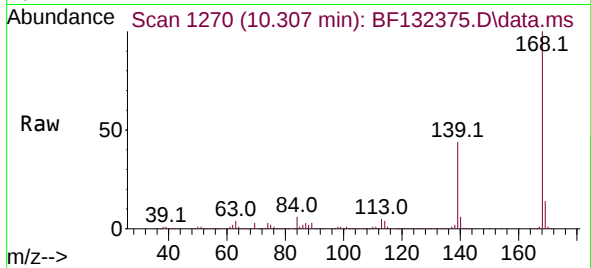
Tgt Ion:184 Resp: 294710
Ion Ratio Lower Upper
184 100
63 51.6 41.6 62.4
154 67.4 57.0 85.6





#55
Dibenzenofuran
Concen: 42.048 ng
RT: 10.307 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

Instrument :
BNA_F
ClientSampleId :
PB150732BS

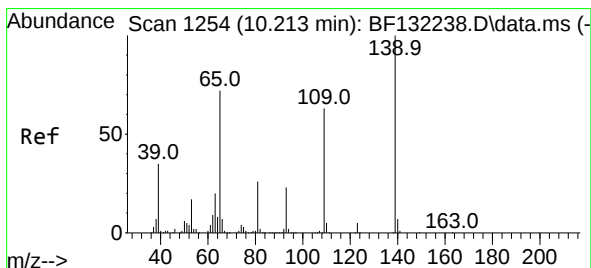
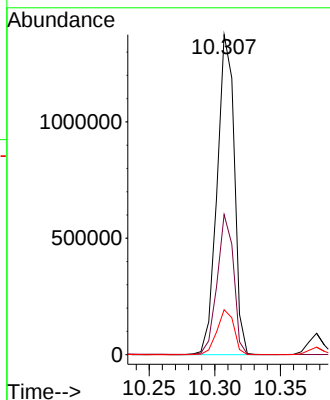


Tgt Ion:168 Resp: 1259244
Ion Ratio Lower Upper
168 100
139 43.8 34.2 51.4
169 14.0 11.2 16.8

Manual Integrations
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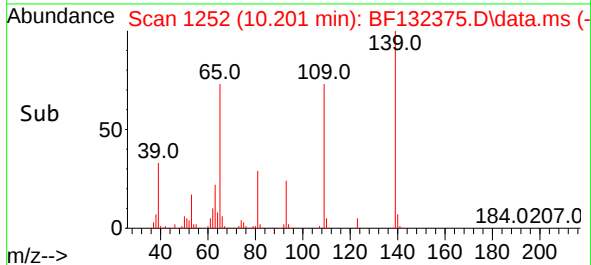
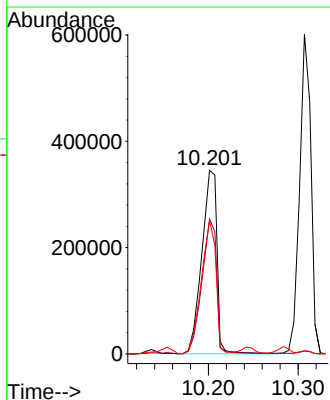
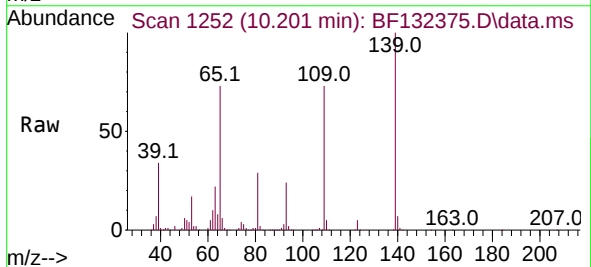
Reviewed By :Christian
Giraldo
02/10/2023

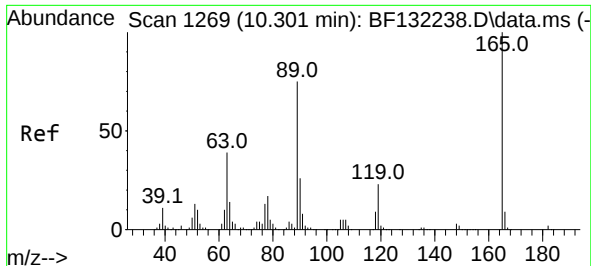
Supervised By :Jagrut
Upadhyay
02/10/2023



#56
4-Nitrophenol
Concen: 79.980 ng
RT: 10.201 min Scan# 1252
Delta R.T. 0.012 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

Tgt Ion:139 Resp: 405091
Ion Ratio Lower Upper
139 100
109 73.4 43.3 83.3
65 72.9 52.3 92.3





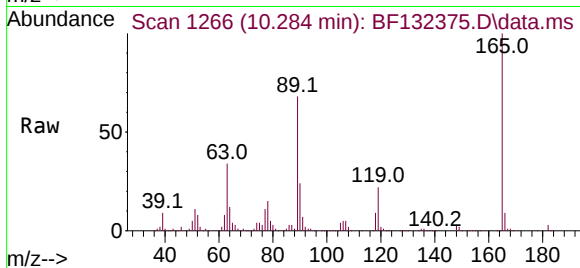
#57
2,4-Dinitrotoluene
Concen: 45.648 ng
RT: 10.284 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

Instrument :

BNA_F

ClientSampleId :

PB150732BS

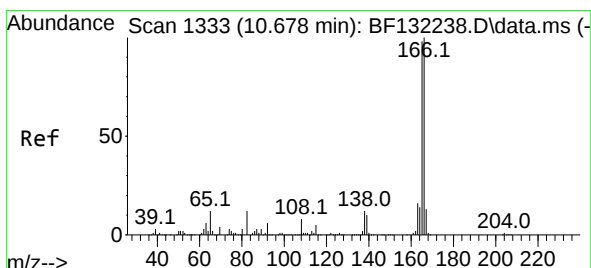
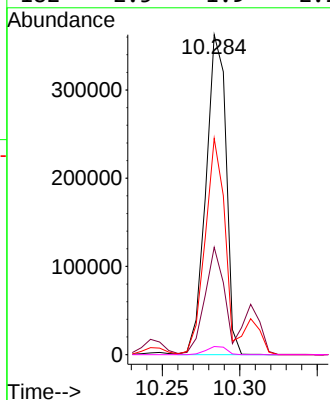
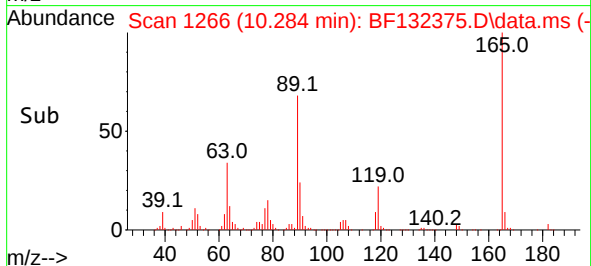


Tgt Ion:165 Resp: 329107
Ion Ratio Lower Upper
165 100
63 33.5 30.9 46.3
89 67.6 60.1 90.1
182 2.5 1.9 2.9

Manual Integrations
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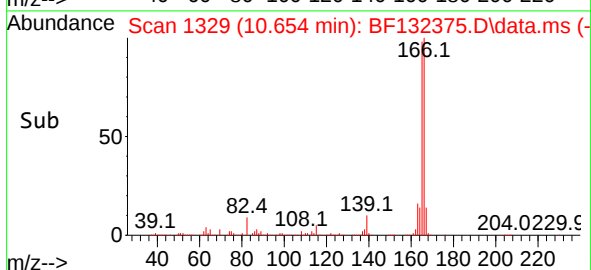
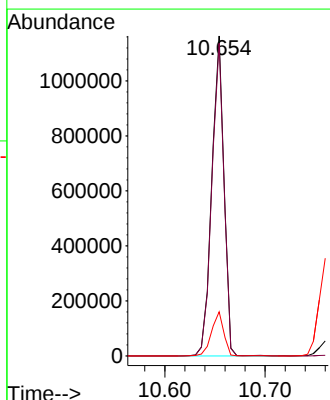
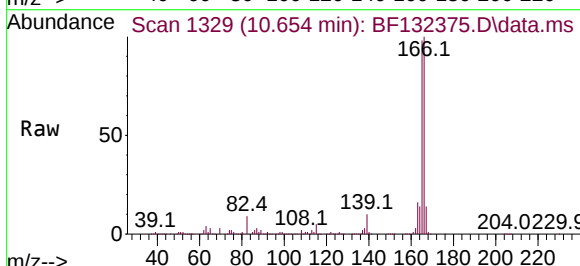
Reviewed By :Christian
Giraldo
02/10/2023

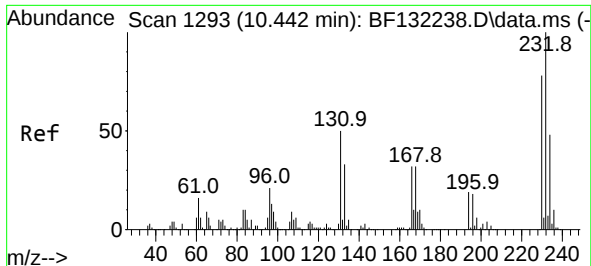
Supervised By :Jagrut
Upadhyay
02/10/2023



#58
Fluorene
Concen: 42.405 ng
RT: 10.654 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

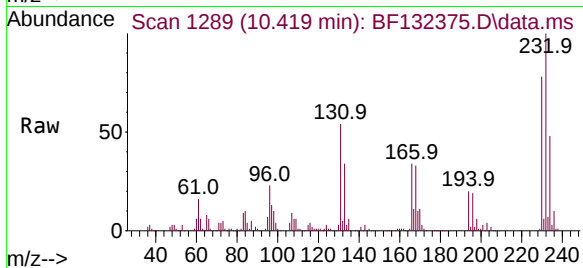
Tgt Ion:166 Resp: 977359
Ion Ratio Lower Upper
166 100
165 97.7 78.0 117.0
167 13.8 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.684 ng
RT: 10.419 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

Instrument :
BNA_F
Client Sample Id :
PB150732BS

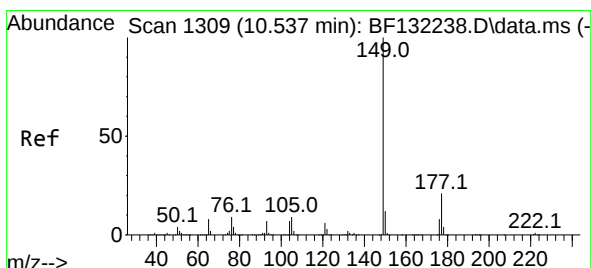
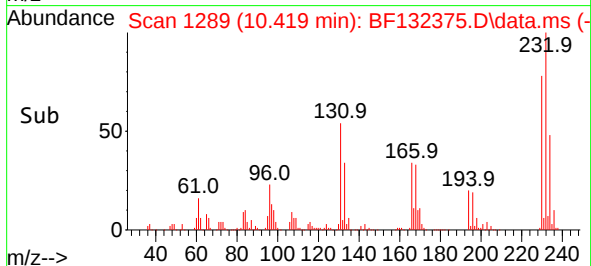
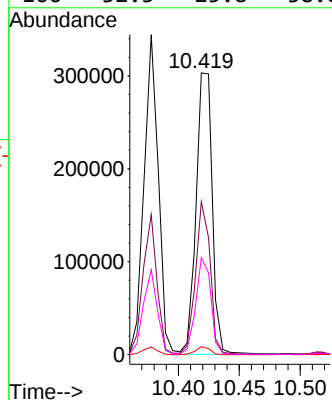


Tgt Ion:232 Resp: 279948
Ion Ratio Lower Upper
232 100
131 49.1 40.6 61.0
130 2.5 1.9 2.9
166 32.3 25.8 38.8

Manual Integrations
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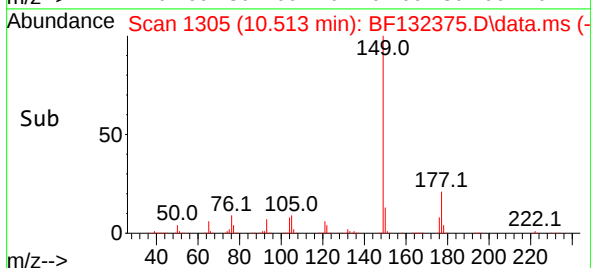
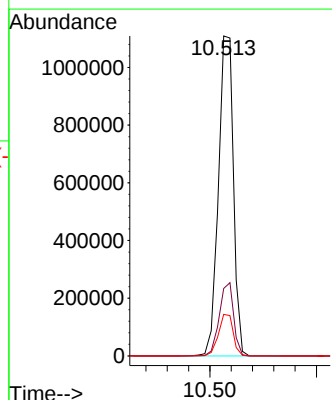
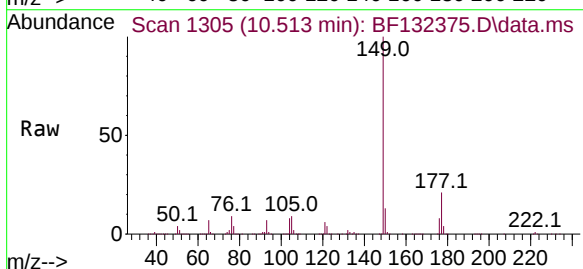
Reviewed By :Christian
Giraldo
02/10/2023

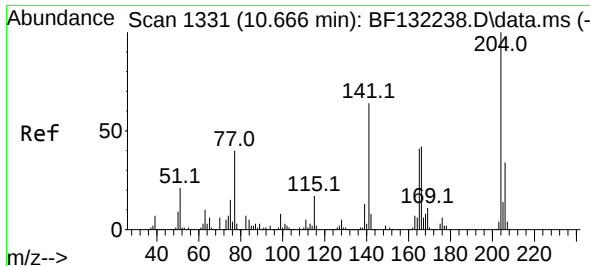
Supervised By :Jagrut
Upadhyay
02/10/2023



#60
Diethylphthalate
Concen: 44.037 ng
RT: 10.513 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

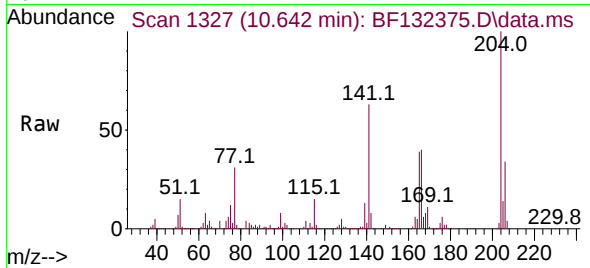
Tgt Ion:149 Resp: 1088687
Ion Ratio Lower Upper
149 100
177 21.1 17.1 25.7
150 13.0 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 44.420 ng
RT: 10.642 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

Instrument :
BNA_F
ClientSampleId :
PB150732BS

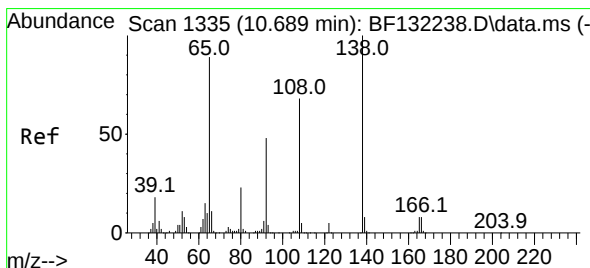
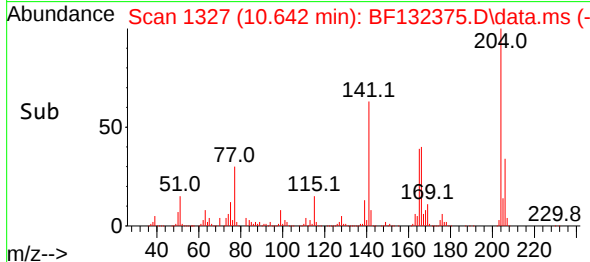
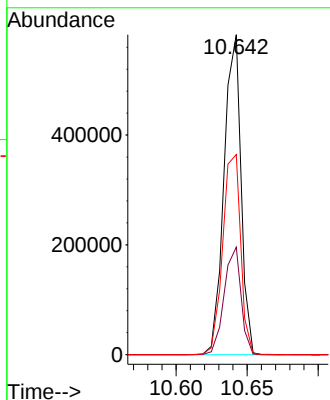


Tgt Ion:204 Resp: 485881
Ion Ratio Lower Upper
204 100
206 33.6 26.8 40.2
141 62.5 51.4 77.0

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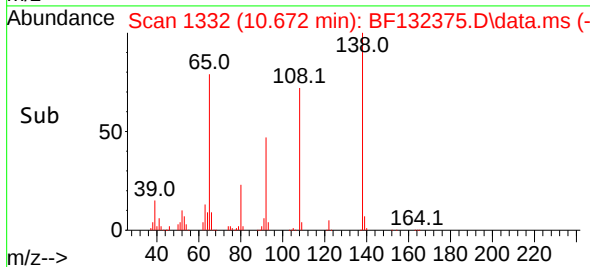
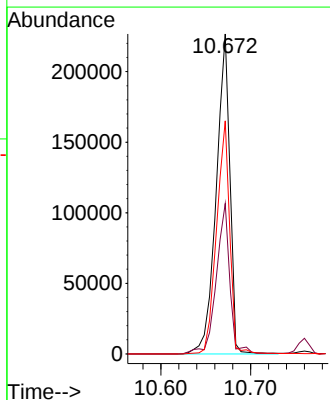
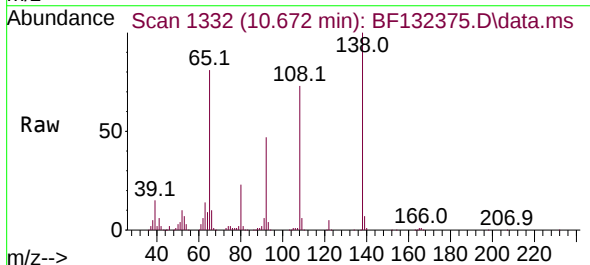
Reviewed By :Christian
Giraldo
02/10/2023

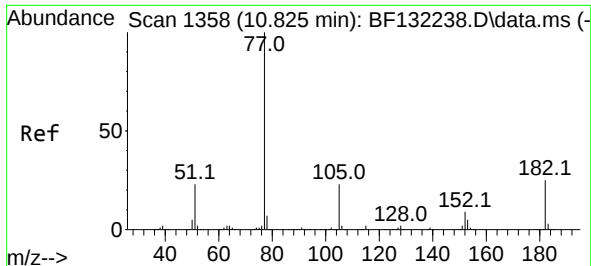
Supervised By :Jagrut
Upadhyay
02/10/2023



#62
4-Nitroaniline
Concen: 37.556 ng
RT: 10.672 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

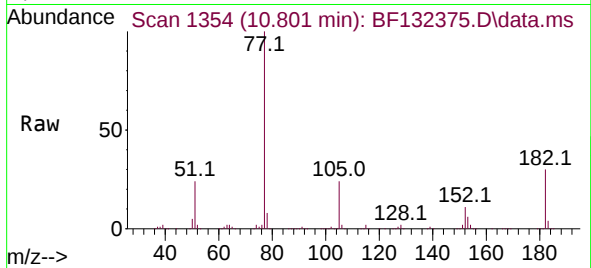
Tgt Ion:138 Resp: 242400
Ion Ratio Lower Upper
138 100
92 47.0 27.7 67.7
108 72.8 48.5 88.5





#63
Azobenzene
Concen: 36.236 ng
RT: 10.801 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

Instrument :
BNA_F
ClientSampleId :
PB150732BS

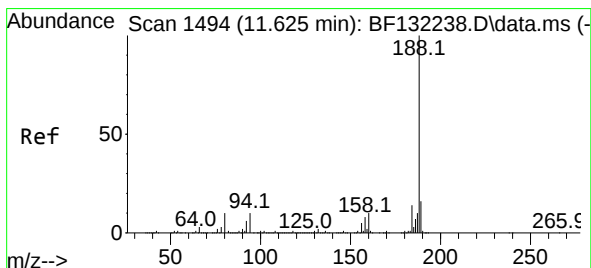
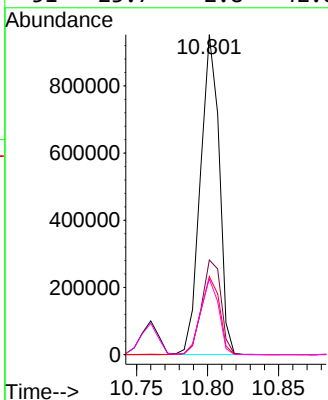
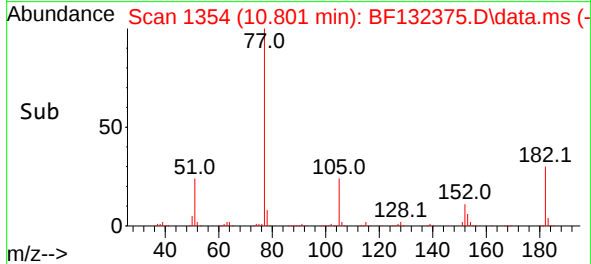


Tgt Ion: 77 Resp: 872595
Ion Ratio Lower Upper
77 100
182 29.6 4.5 44.5
105 24.4 2.7 42.7
51 23.7 2.8 42.8

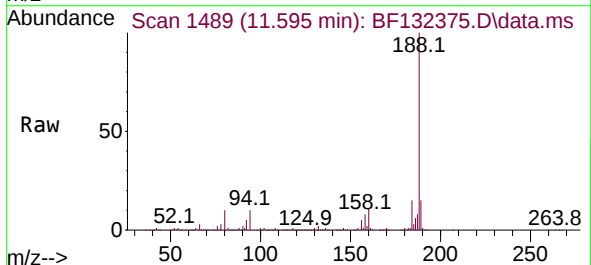
Manual Integrations
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Reviewed By :Christian
Giraldo
02/10/2023

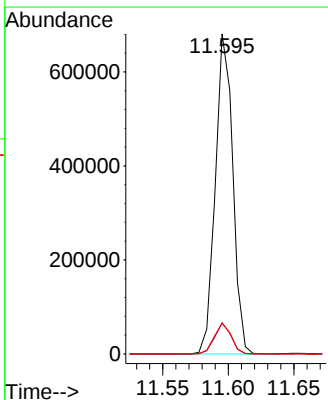
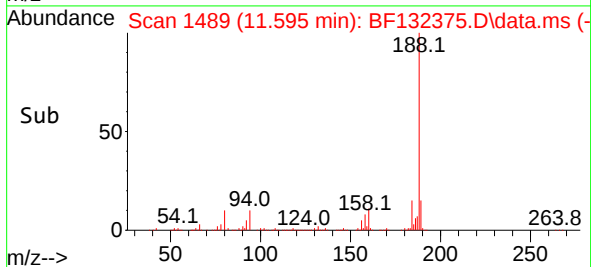
Supervised By :Jagrut
Upadhyay
02/10/2023

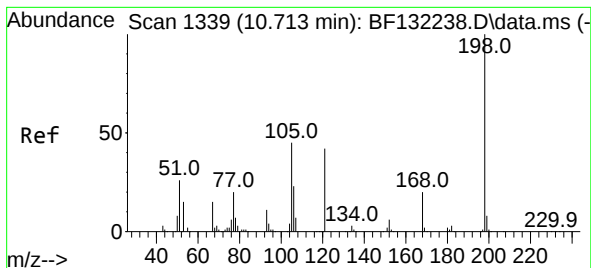


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.595 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52



Tgt Ion:188 Resp: 631161
Ion Ratio Lower Upper
188 100
94 9.7 8.2 12.2
80 9.6 8.3 12.5





#65
4,6-Dinitro-2-methylphenol
Concen: 50.890 ng
RT: 10.695 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

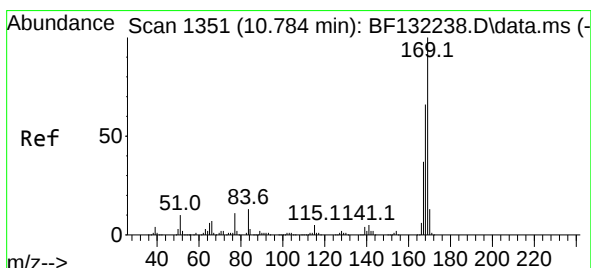
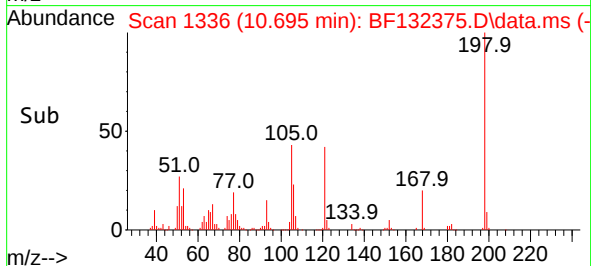
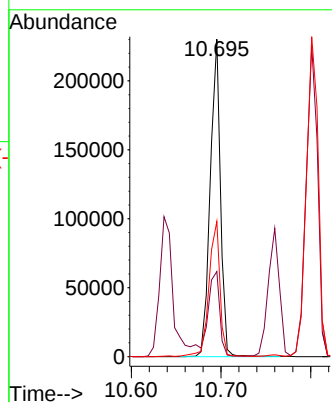
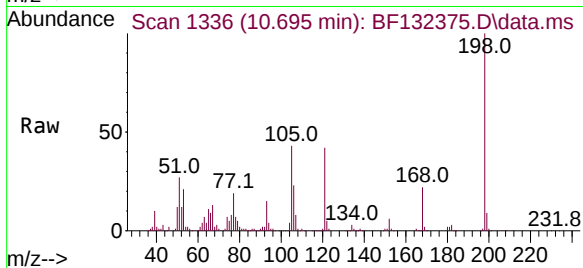
Instrument :
BNA_F
ClientSampleId :
PB150732BS

Tgt Ion:198 Resp: 182300
Ion Ratio Lower Upper
198 100
51 26.8 13.1 53.1
105 42.6 26.0 66.0

Manual Integrations
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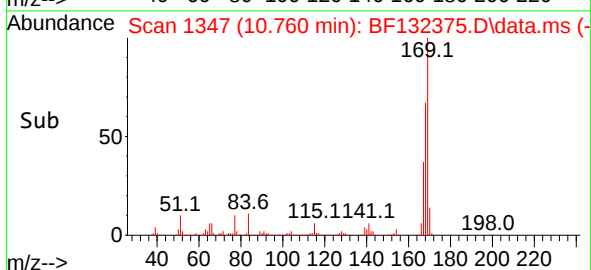
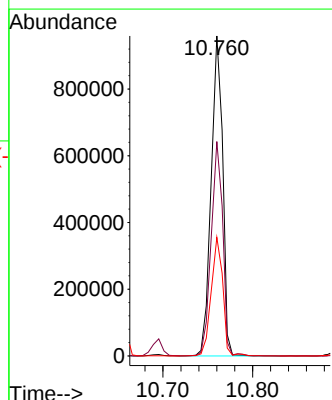
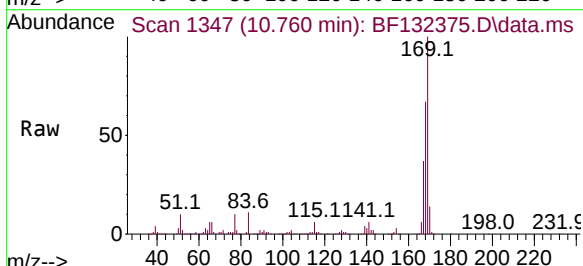
Reviewed By :Christian
Giraldo
02/10/2023

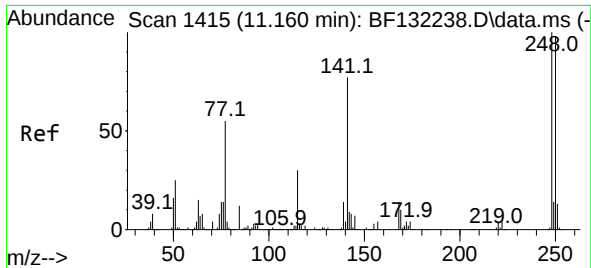
Supervised By :Jagrut
Upadhyay
02/10/2023



#66
n-Nitrosodiphenylamine
Concen: 43.385 ng
RT: 10.760 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

Tgt Ion:169 Resp: 857462
Ion Ratio Lower Upper
169 100
168 67.0 52.6 79.0
167 37.0 29.5 44.3





#67
4-Bromophenyl-phenylether
Concen: 48.321 ng
RT: 11.136 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

Instrument :

BNA_F

ClientSampleId :

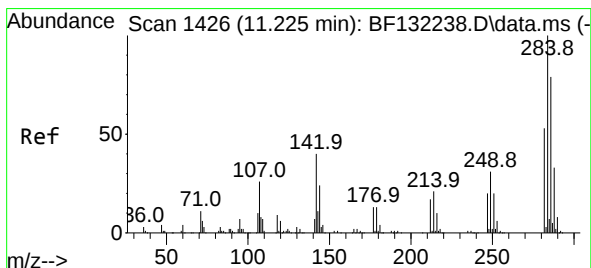
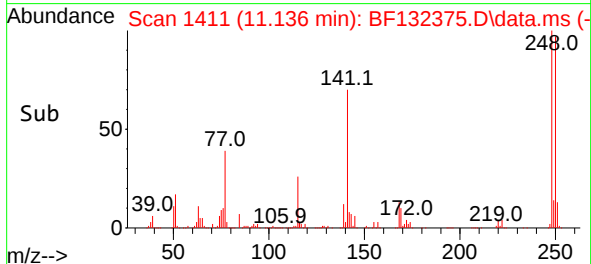
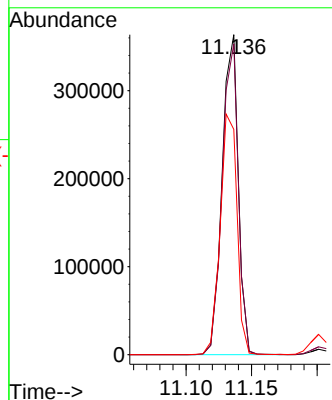
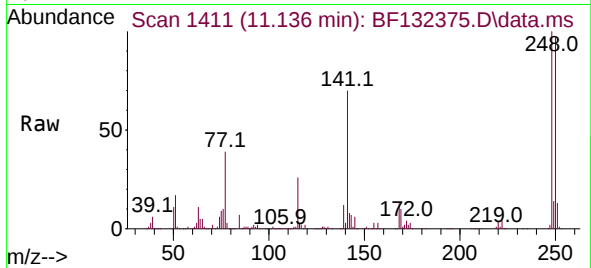
PB150732BS

Tgt Ion:248 Resp: 312302
Ion Ratio Lower Upper
248 100
250 97.1 78.6 117.8
141 70.4 61.6 92.4

Manual Integrations
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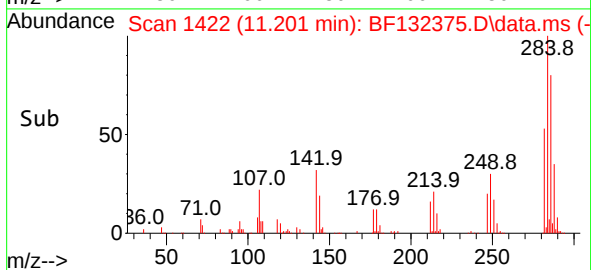
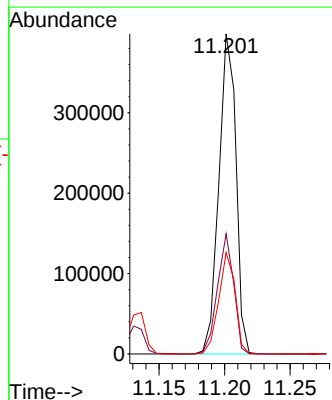
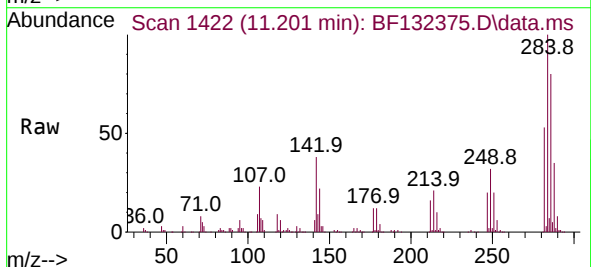
Reviewed By :Christian
Giraldo
02/10/2023

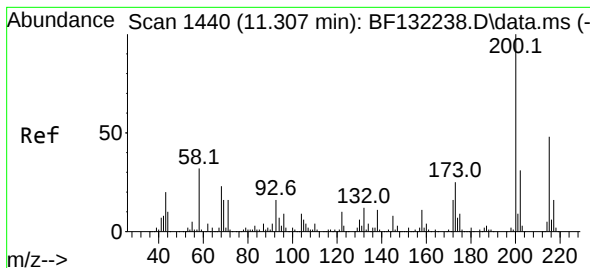
Supervised By :Jagrut
Upadhyay
02/10/2023



#68
Hexachlorobenzene
Concen: 52.429 ng
RT: 11.201 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

Tgt Ion:284 Resp: 362176
Ion Ratio Lower Upper
284 100
142 37.5 32.2 48.4
249 31.7 25.0 37.6





#69

Atrazine

Concen: 51.807 ng

RT: 11.283 min Scan# 1436

Delta R.T. 0.000 min

Lab File: BF132375.D

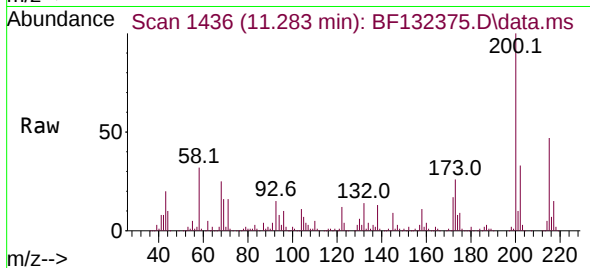
Acq: 09 Feb 2023 11:52

Instrument :

BNA_F

ClientSampleId :

PB150732BS



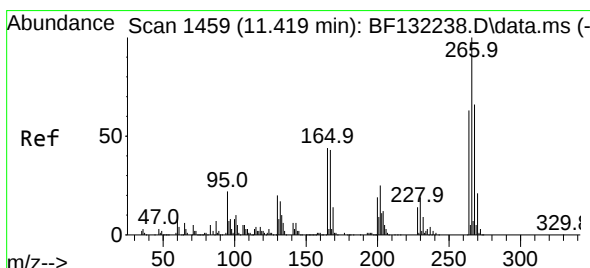
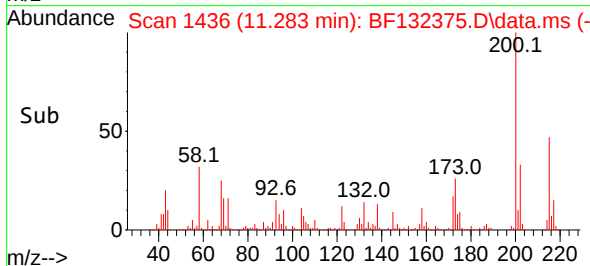
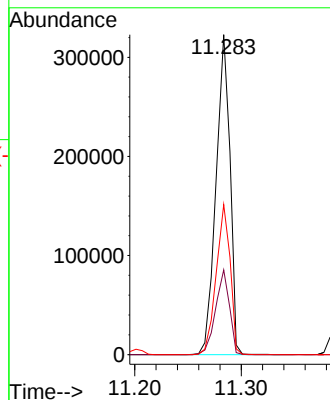
Tgt Ion:200	Resp: 294510
Ion Ratio	Lower Upper
200	100
173	26.5 5.1 45.1
215	46.9 27.6 67.6

Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo

02/10/2023

Supervised By :Jagrut
Upadhyay
02/10/2023



#70

Pentachlorophenol

Concen: 84.213 ng

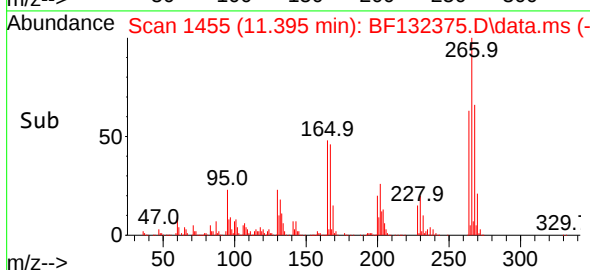
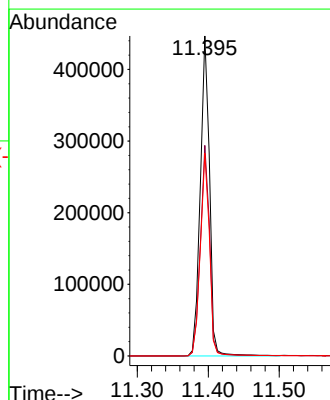
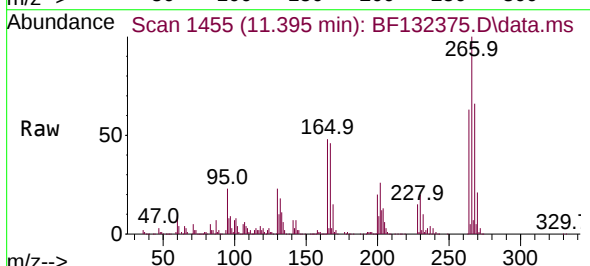
RT: 11.395 min Scan# 1455

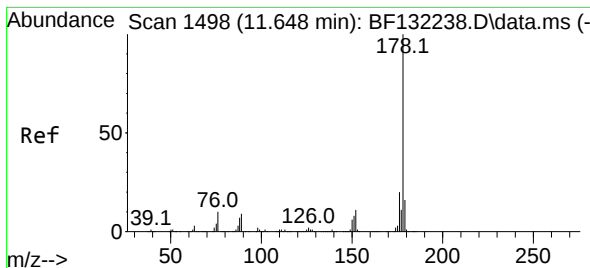
Delta R.T. 0.006 min

Lab File: BF132375.D

Acq: 09 Feb 2023 11:52

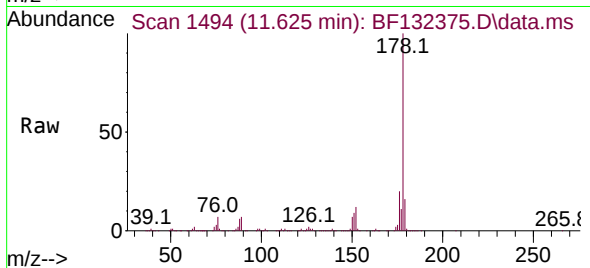
Tgt Ion:266	Resp: 399709
Ion Ratio	Lower Upper
266	100
268	65.8 53.0 79.4
264	63.3 50.5 75.7





#71
Phenanthrene
Concen: 42.956 ng
RT: 11.625 min Scan# 1498
Delta R.T. 0.006 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

Instrument :
BNA_F
ClientSampleId :
PB150732BS

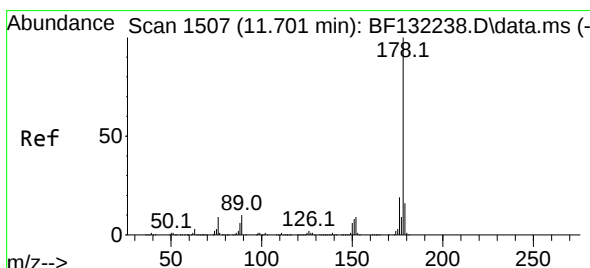
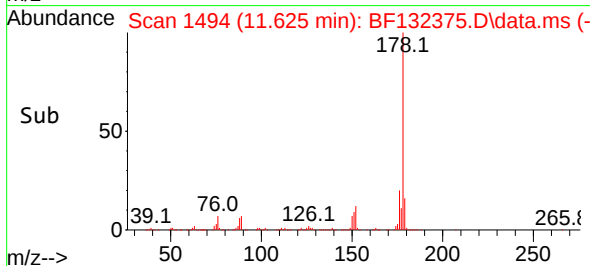
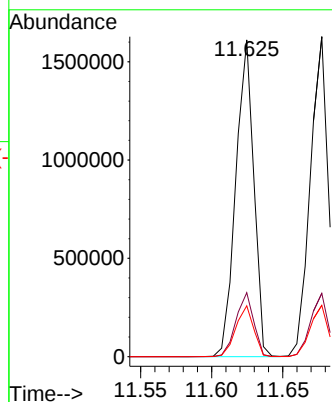


Tgt Ion:178 Resp: 1416756
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.4
179 16.0 12.8 19.2

Manual Integrations
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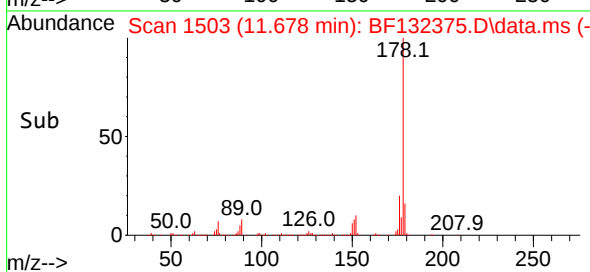
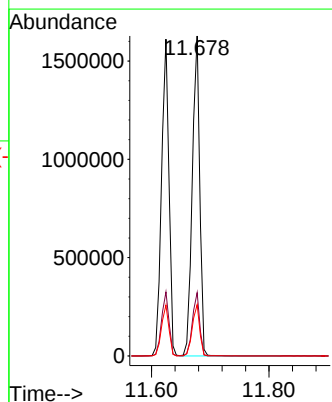
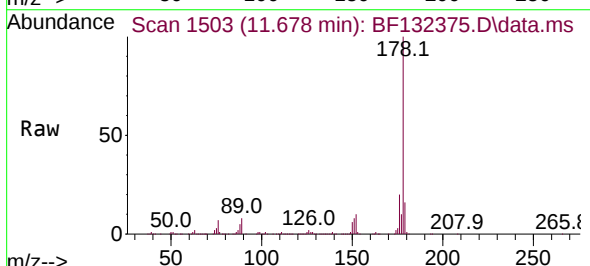
Reviewed By :Christian
Giraldo
02/10/2023

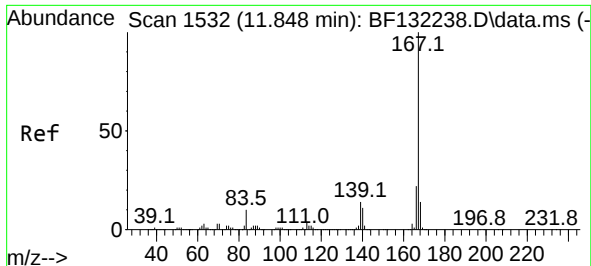
Supervised By :Jagrut
Upadhyay
02/10/2023



#72
Anthracene
Concen: 42.727 ng
RT: 11.678 min Scan# 1503
Delta R.T. 0.006 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

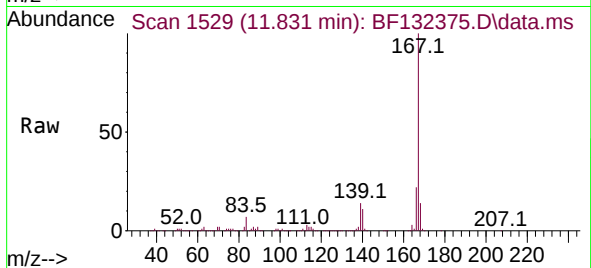
Tgt Ion:178 Resp: 1434135
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.2
179 16.0 12.8 19.2





#73
 Carbazole
 Concen: 41.404 ng
 RT: 11.831 min Scan# 1529
 Delta R.T. 0.006 min
 Lab File: BF132375.D
 Acq: 09 Feb 2023 11:52

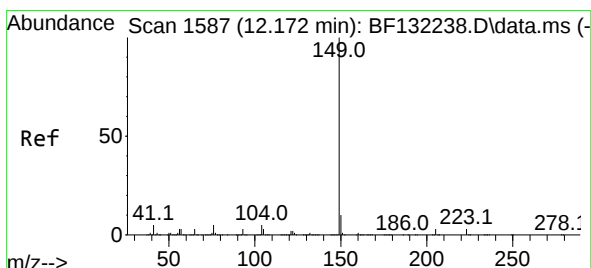
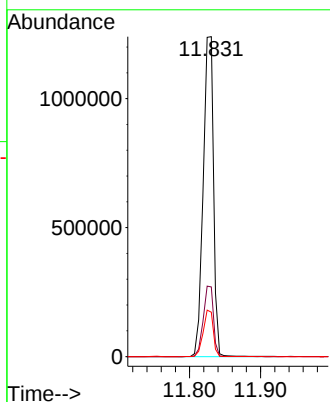
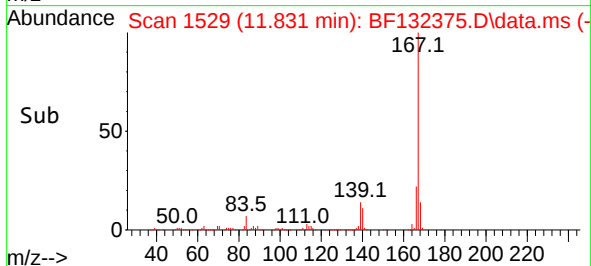
Instrument :
 BNA_F
 ClientSampleId :
 PB150732BS



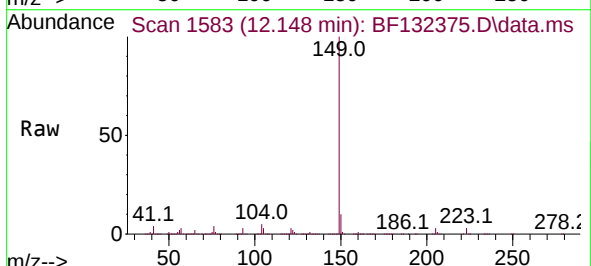
Tgt Ion:167 Resp: 1246098
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 13.9 11.4 17.2

Manual Integrations
 APPROVED

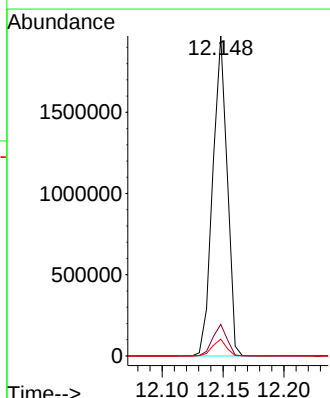
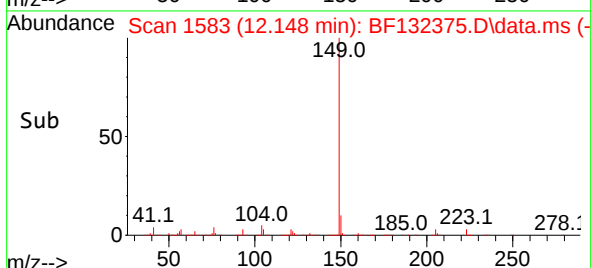
Reviewed By :Christian
 Giraldo
 02/10/2023
 Supervised By :Jagrut
 Upadhyay
 02/10/2023

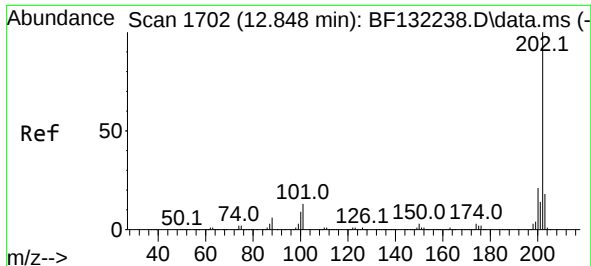


#74
 Di-n-butylphthalate
 Concen: 45.639 ng
 RT: 12.148 min Scan# 1583
 Delta R.T. 0.000 min
 Lab File: BF132375.D
 Acq: 09 Feb 2023 11:52



Tgt Ion:149 Resp: 1623864
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.8 11.8
 104 5.2 4.3 6.5





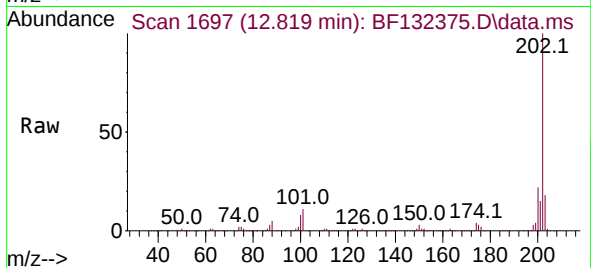
#75
Fluoranthene
Concen: 41.310 ng
RT: 12.819 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

Instrument :

BNA_F

ClientSampleId :

PB150732BS



Tgt Ion:202 Resp: 1390365
Ion Ratio Lower Upper
202 100
101 11.5 0.0 32.7
203 18.2 0.0 37.9

Manual Integrations

APPROVED

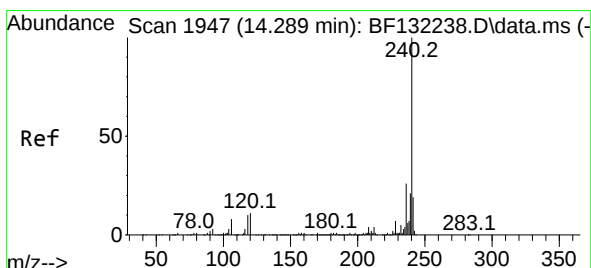
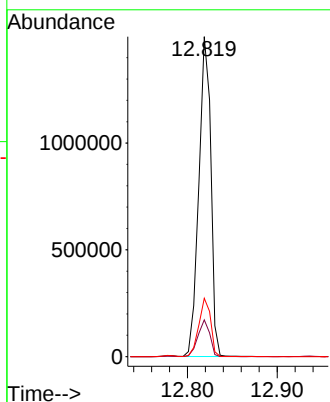
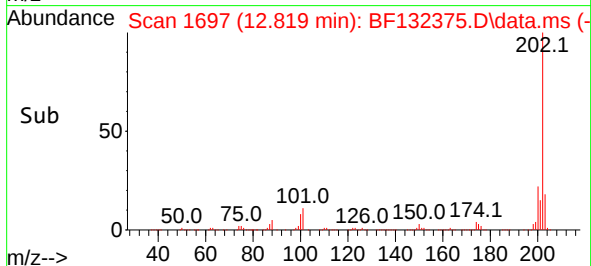
Reviewed By :Christian
Giraldo

02/10/2023

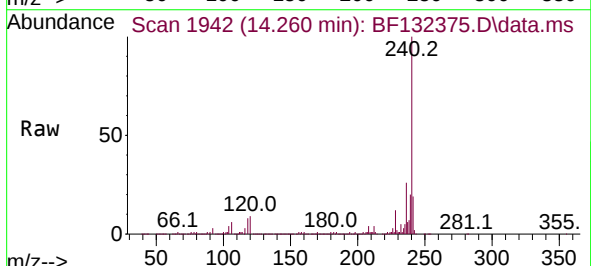
Supervised By :Jagrut

Upadhyay

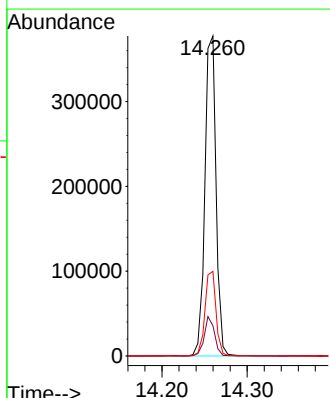
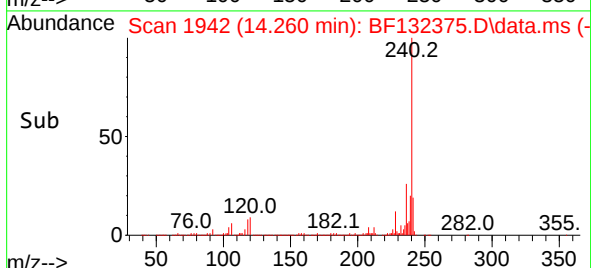
02/10/2023

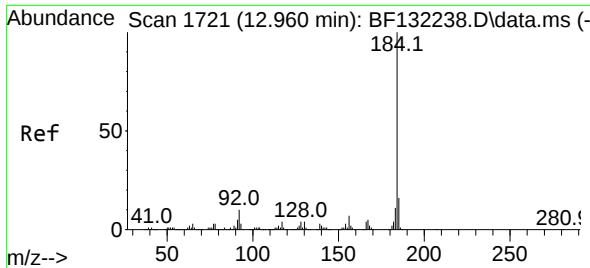


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.260 min Scan# 1942
Delta R.T. 0.006 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52



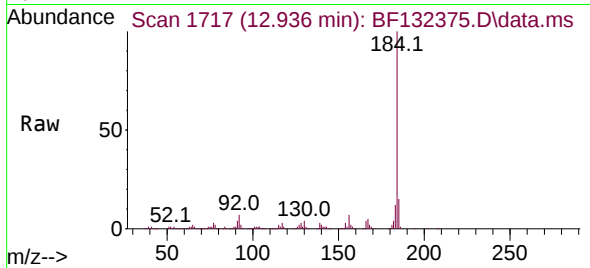
Tgt Ion:240 Resp: 343267
Ion Ratio Lower Upper
240 100
120 9.5 8.8 13.2
236 26.4 21.0 31.6





#77
Benzidine
Concen: 27.746 ng
RT: 12.936 min Scan# 1717
Delta R.T. 0.006 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

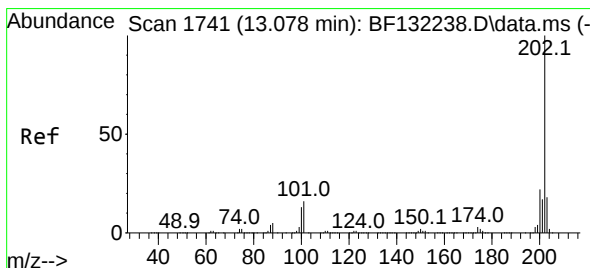
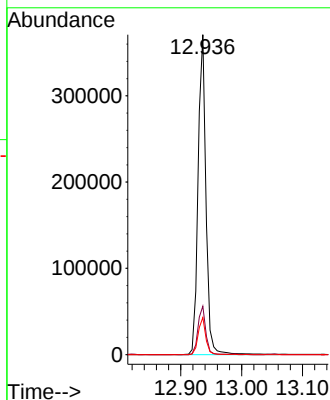
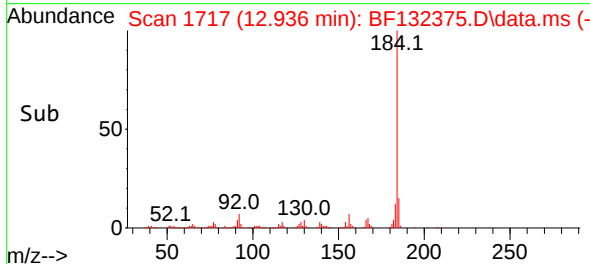
Instrument :
BNA_F
ClientSampleId :
PB150732BS



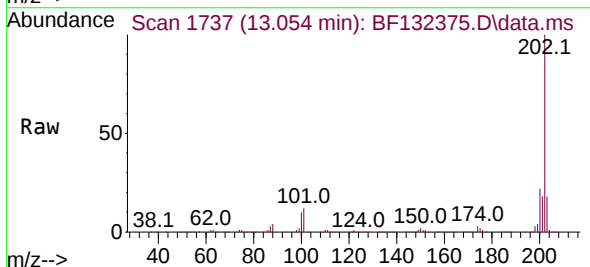
Tgt Ion:184 Resp: 332978
Ion Ratio Lower Upper
184 100
185 15.1 12.6 18.8
183 11.6 8.9 13.3

Manual Integrations
APPROVED

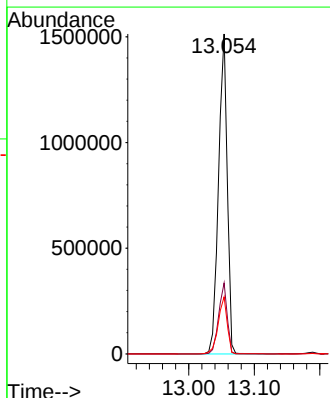
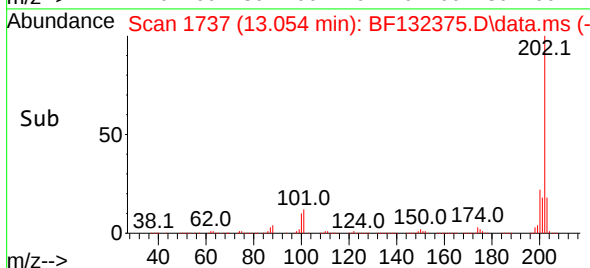
Reviewed By :Christian
Giraldo
02/10/2023
Supervised By :Jagrut
Upadhyay
02/10/2023

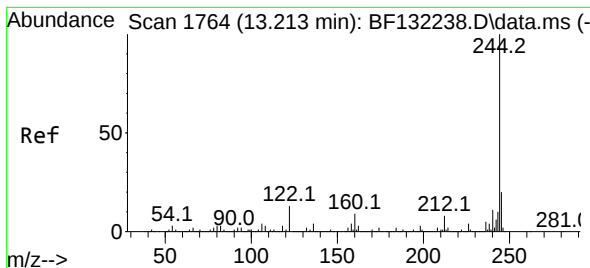


#78
Pyrene
Concen: 50.803 ng
RT: 13.054 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52



Tgt Ion:202 Resp: 1402642
Ion Ratio Lower Upper
202 100
200 22.2 17.3 25.9
203 17.8 14.4 21.6





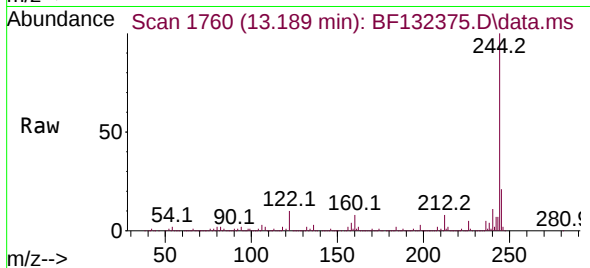
#79
Terphenyl-d14
Concen: 113.162 ng
RT: 13.189 min Scan# 1764
Delta R.T. 0.000 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

Instrument :

BNA_F

ClientSampleId :

PB150732BS

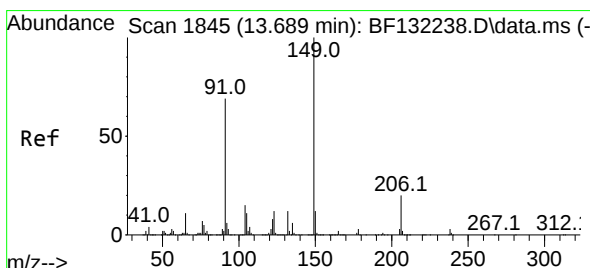
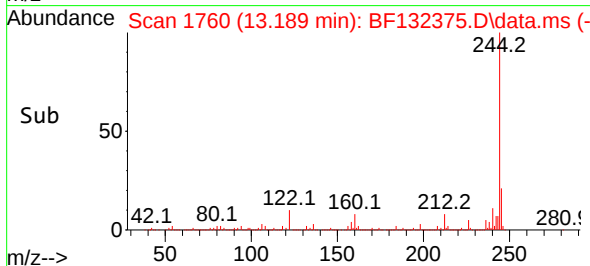
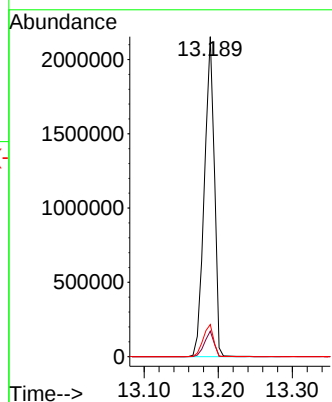


Tgt Ion:244 Resp: 2008088
Ion Ratio Lower Upper
244 100
212 8.0 6.4 9.6
122 10.0 10.5 15.7

Manual Integrations
APPROVED

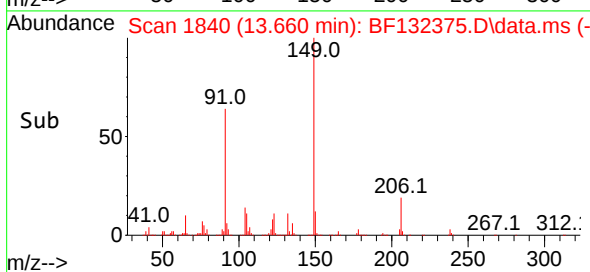
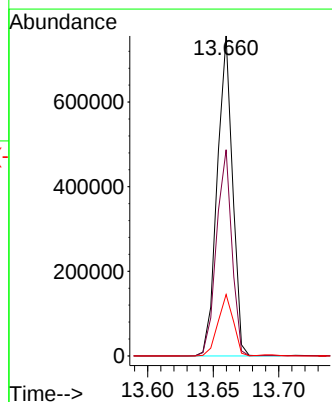
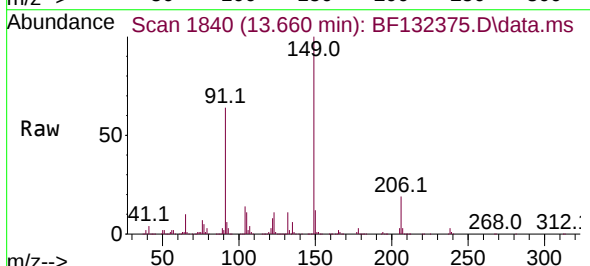
Reviewed By :Christian
Giraldo
02/10/2023

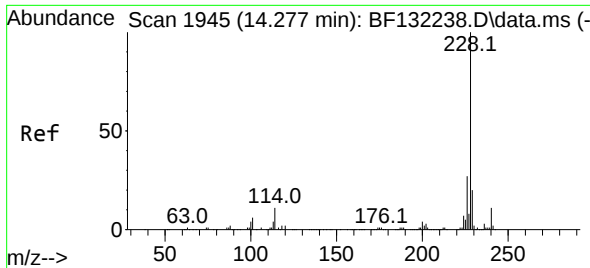
Supervised By :Jagrut
Upadhyay
02/10/2023



#80
Butylbenzylphthalate
Concen: 50.615 ng
RT: 13.660 min Scan# 1840
Delta R.T. 0.000 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

Tgt Ion:149 Resp: 617412
Ion Ratio Lower Upper
149 100
91 64.4 55.0 82.6
206 19.2 15.9 23.9





#81
Benzo(a)anthracene
Concen: 44.693 ng
RT: 14.248 min Scan# 1945
Delta R.T. 0.006 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

Instrument :

BNA_F

ClientSampleId :

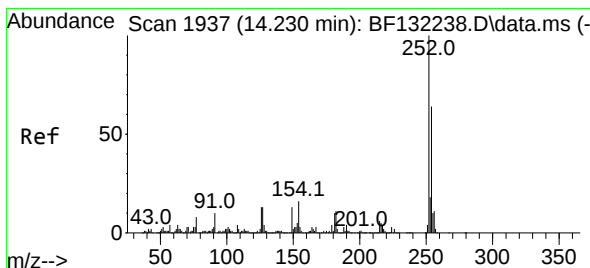
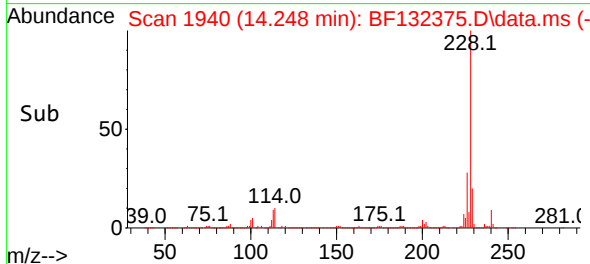
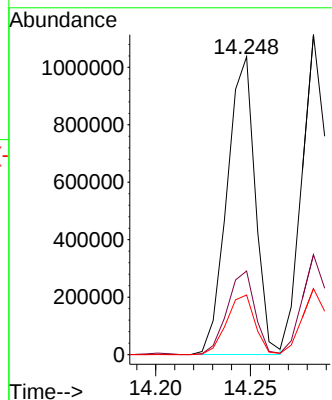
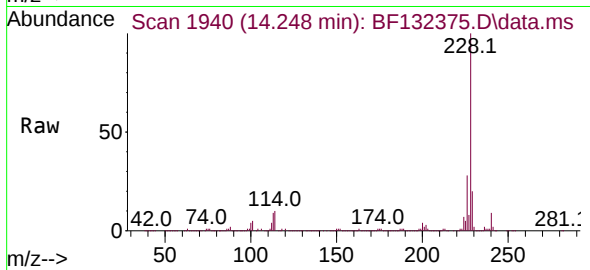
PB150732BS

Tgt Ion:228 Resp: 1073020
Ion Ratio Lower Upper
228 100
226 28.1 22.0 33.0
229 20.0 15.8 23.6

Manual Integrations
APPROVED

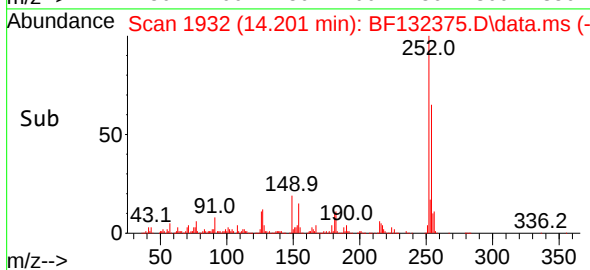
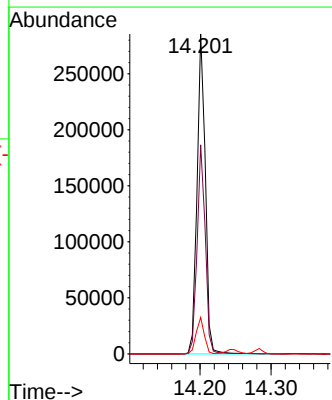
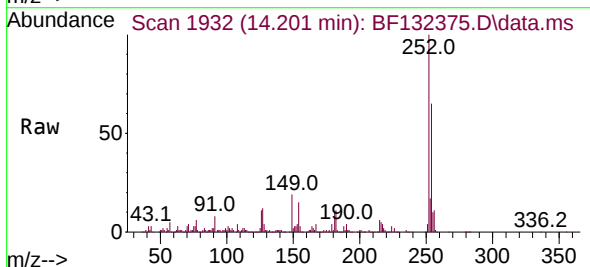
Reviewed By :Christian
Giraldo
02/10/2023

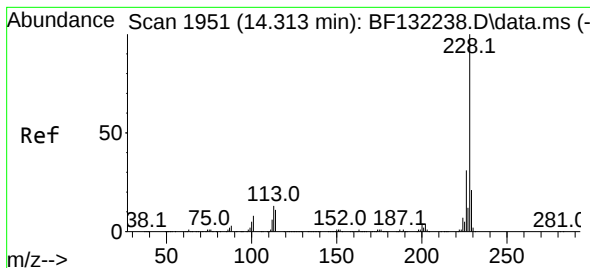
Supervised By :Jagrut
Upadhyay
02/10/2023



#82
3,3'-Dichlorobenzidine
Concen: 30.162 ng
RT: 14.201 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

Tgt Ion:252 Resp: 230642
Ion Ratio Lower Upper
252 100
254 65.3 51.6 77.4
126 11.4 10.5 15.7





#83

Chrysene

Concen: 43.868 ng

RT: 14.283 min Scan# 1951

Delta R.T. 0.000 min

Lab File: BF132375.D

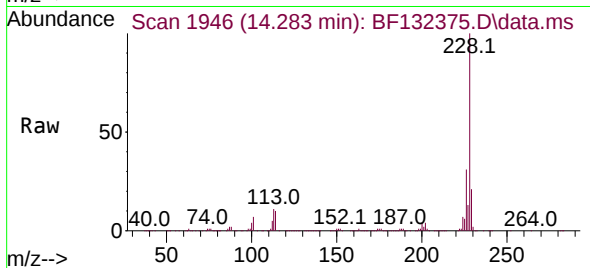
Acq: 09 Feb 2023 11:52

Instrument :

BNA_F

ClientSampleId :

PB150732BS



Tgt Ion:228 Resp: 986210

Ion Ratio Lower Upper

228 100

226 31.3 24.9 37.3

229 20.6 16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Christian

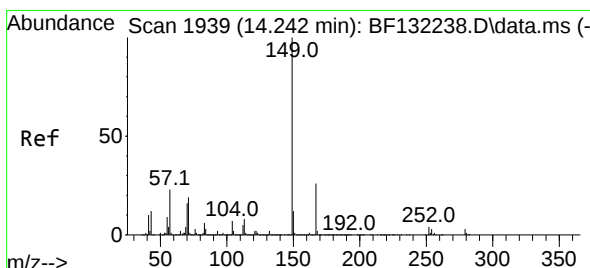
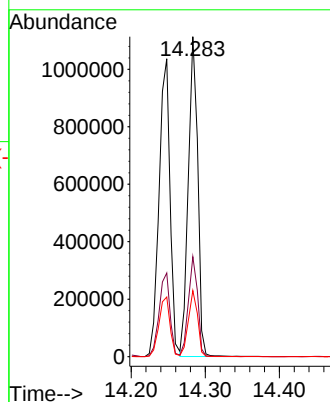
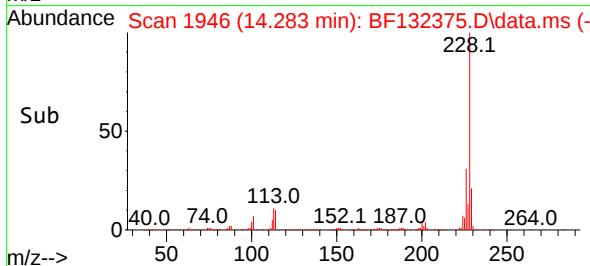
Giraldo

02/10/2023

Supervised By :Jagrut

Upadhyay

02/10/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.477 ng

RT: 14.213 min Scan# 1934

Delta R.T. 0.000 min

Lab File: BF132375.D

Acq: 09 Feb 2023 11:52

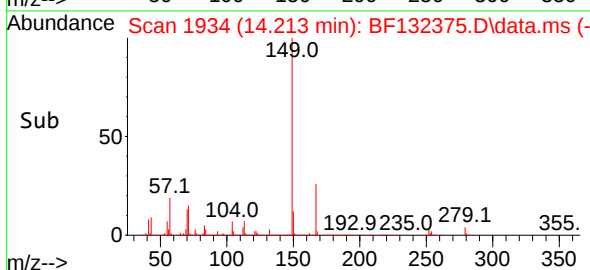
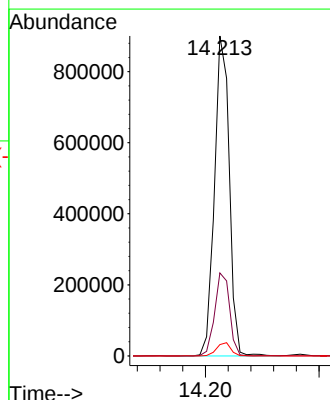
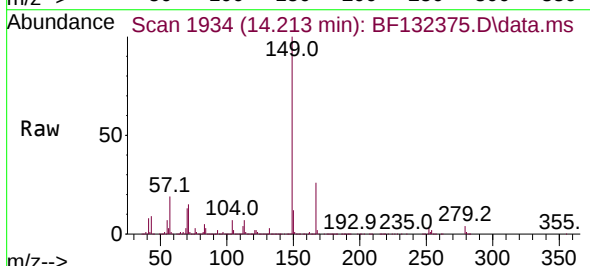
Tgt Ion:149 Resp: 815762

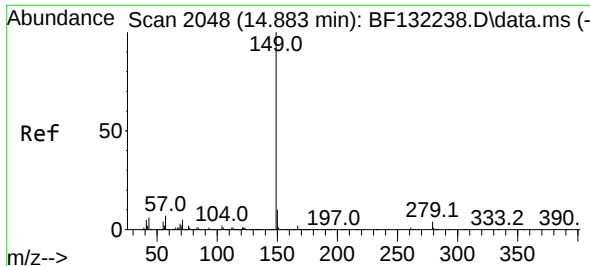
Ion Ratio Lower Upper

149 100

167 25.9 20.7 31.1

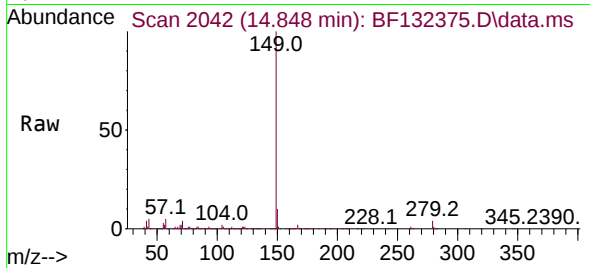
279 3.5 2.7 4.1





#85
Di-n-octyl phthalate
Concen: 44.801 ng
RT: 14.848 min Scan# 2048
Delta R.T. 0.006 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

Instrument :
BNA_F
Client SampleId :
PB150732BS

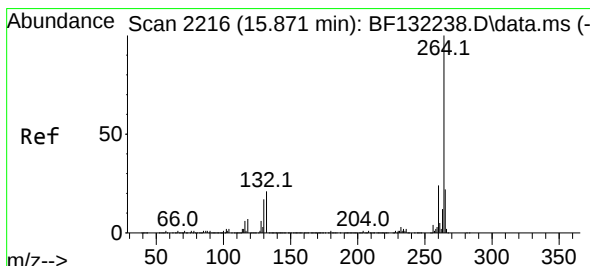
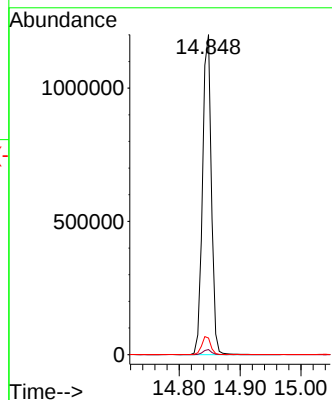


Tgt Ion:149 Resp: 1204811
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 5.7 5.9 8.9

Manual Integrations
APPROVED

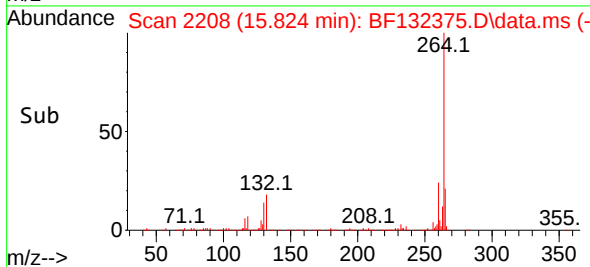
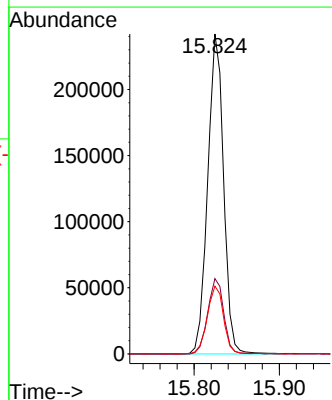
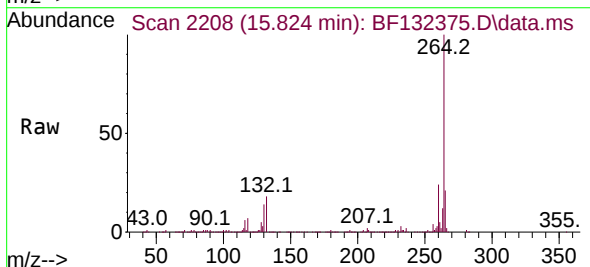
Reviewed By :Christian
Giraldo
02/10/2023

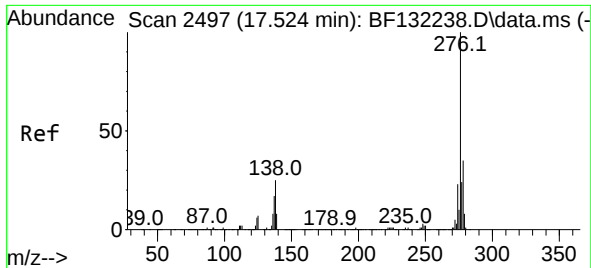
Supervised By :Jagrut
Upadhyay
02/10/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.824 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

Tgt Ion:264 Resp: 312636
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.4
265 21.2 17.4 26.2





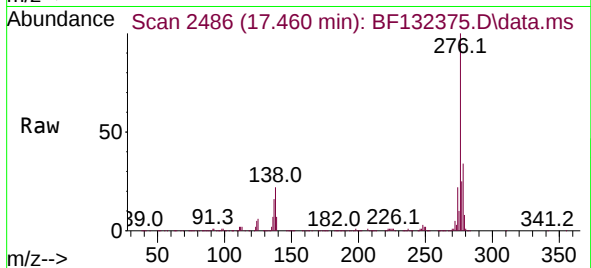
#87
Indeno(1,2,3-cd)pyrene
Concen: 51.068 ng
RT: 17.460 min Scan# 2497
Delta R.T. 0.006 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

Instrument :

BNA_F

Client Sample Id :

PB150732BS

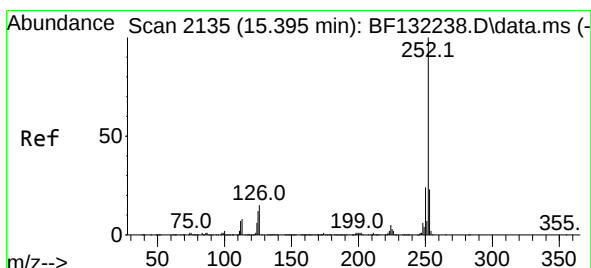
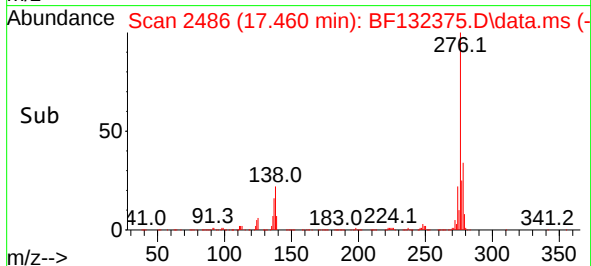
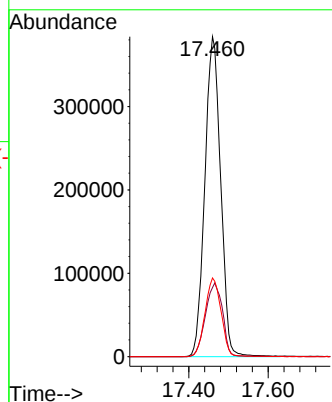


Tgt Ion: 276 Resp: 1060872
Ion Ratio Lower Upper
276 100
138 24.9 23.3 34.9
277 25.0 20.0 30.0

Manual Integrations
APPROVED

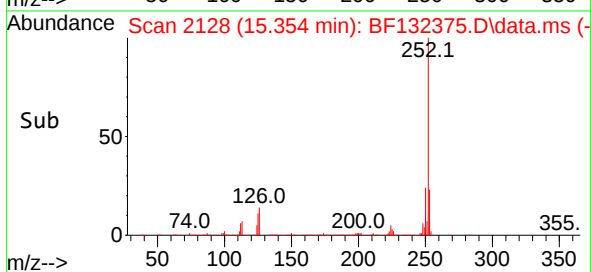
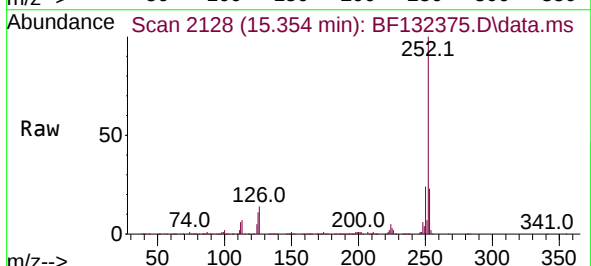
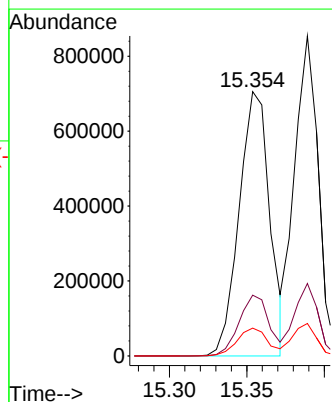
Reviewed By : Christian
Giraldo
02/10/2023

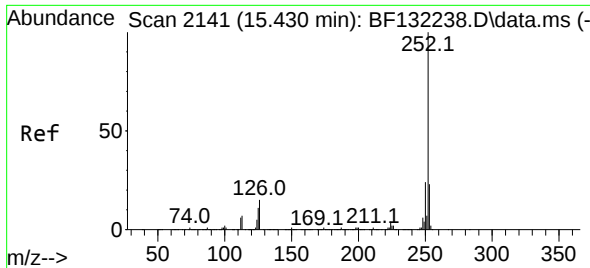
Supervised By : Jagrut
Upadhyay
02/10/2023



#88
Benzo(b)fluoranthene
Concen: 48.926 ng
RT: 15.354 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

Tgt Ion: 252 Resp: 972276
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 10.5 9.6 14.4





#89

Benzo(k)fluoranthene

Concen: 48.165 ng

RT: 15.389 min Scan# 2141

Delta R.T. 0.000 min

Lab File: BF132375.D

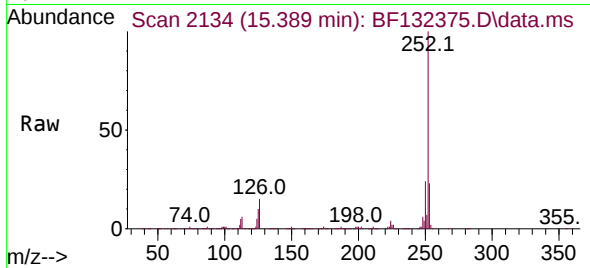
Acq: 09 Feb 2023 11:52

Instrument :

BNA_F

ClientSampleId :

PB150732BS



Tgt Ion:252 Resp: 91364

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

125 10.1 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Christian

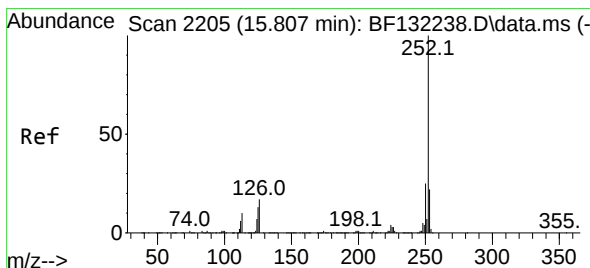
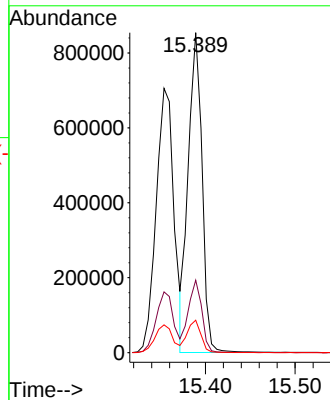
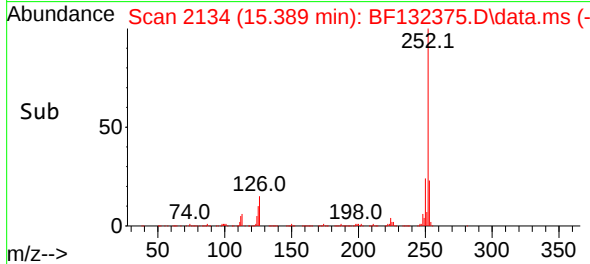
Giraldo

02/10/2023

Supervised By :Jagrut

Upadhyay

02/10/2023



#90

Benzo(a)pyrene

Concen: 44.584 ng

RT: 15.760 min Scan# 2197

Delta R.T. 0.000 min

Lab File: BF132375.D

Acq: 09 Feb 2023 11:52

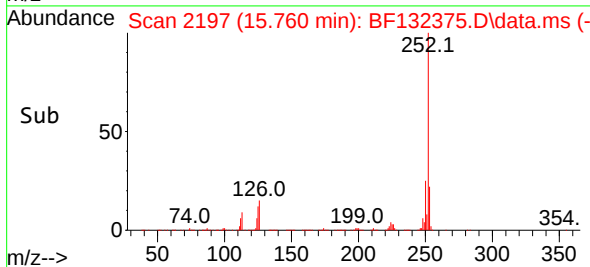
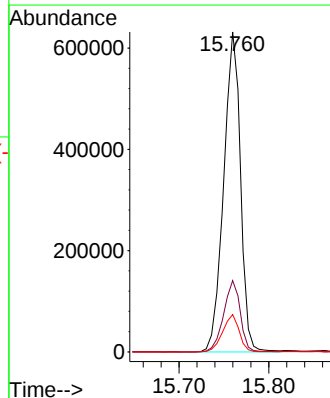
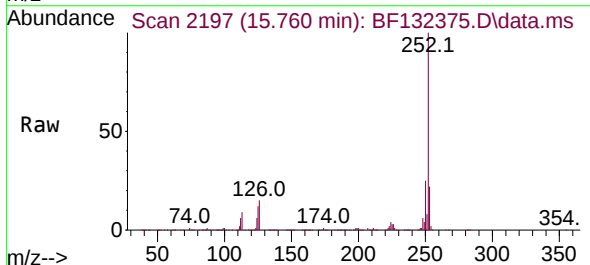
Tgt Ion:252 Resp: 825043

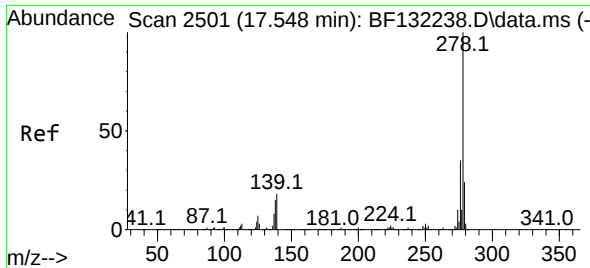
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

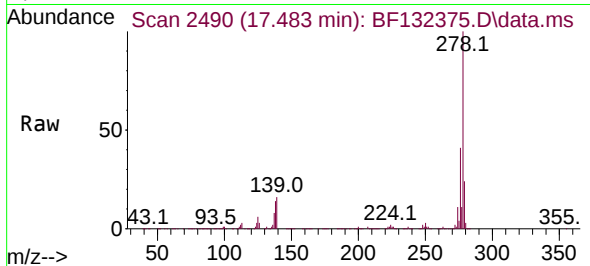
125 11.7 10.2 15.4





#91
Dibenzo(a,h)anthracene
Concen: 52.503 ng
RT: 17.483 min Scan# 24
Delta R.T. 0.012 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

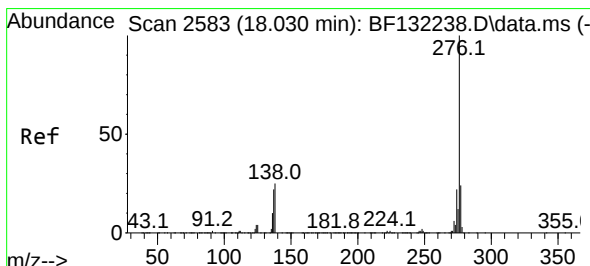
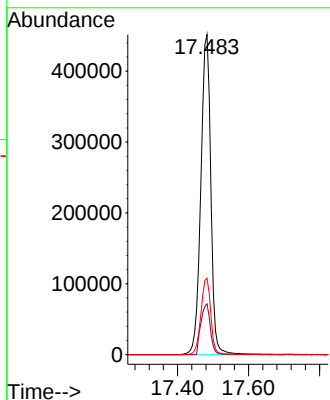
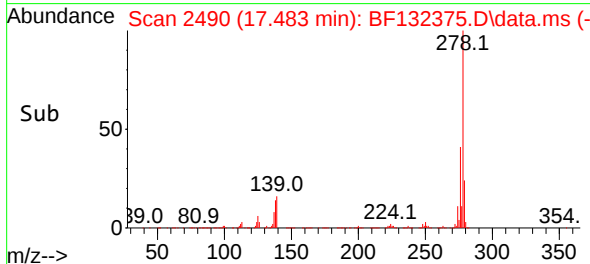
Instrument :
BNA_F
ClientSampleId :
PB150732BS



Tgt Ion:278 Resp: 876893
Ion Ratio Lower Upper
278 100
139 15.9 14.2 21.2
279 23.9 19.6 29.4

Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo
02/10/2023
Supervised By :Jagrut
Upadhyay
02/10/2023



#92
Benzo(g,h,i)perylene
Concen: 50.710 ng
RT: 17.960 min Scan# 2571
Delta R.T. 0.006 min
Lab File: BF132375.D
Acq: 09 Feb 2023 11:52

Tgt Ion:276 Resp: 874970
Ion Ratio Lower Upper
276 100
277 23.4 19.4 29.2
138 21.8 20.3 30.5

