

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020823\
 Data File : BF132356.D
 Acq On : 08 Feb 2023 13:54
 Operator : CG\JU
 Sample : PB150729BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150729BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/09/2023
 Supervised By : Jagrut Upadhyay 02/09/2023

Quant Time: Feb 09 01:58:16 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	185707	20.000	ng	0.00
21) Naphthalene-d8	8.336	136	721180	20.000	ng	0.00
39) Acenaphthene-d10	10.101	164	373936	20.000	ng	0.00
64) Phenanthrene-d10	11.595	188	700059	20.000	ng	0.00
76) Chrysene-d12	14.260	240	426395	20.000	ng	0.00
86) Perylene-d12	15.824	264	352958	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.678	112	1337841	115.798	ng	0.02
7) Phenol-d6	6.672	99	1581414	111.027	ng	0.00
23) Nitrobenzene-d5	7.613	82	961571	74.196	ng	0.00
42) 2,4,6-Tribromophenol	10.895	330	564833	146.885	ng	0.00
45) 2-Fluorobiphenyl	9.413	172	1815042	74.956	ng	0.00
79) Terphenyl-d14	13.189	244	2144659	97.296	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.013	88	171810	31.605	ng	95
3) Pyridine	3.760	79	434076	29.433	ng	95
4) n-Nitrosodimethylamine	3.725	42	162095	34.349	ng	88
6) Aniline	6.707	93	640440m	33.135	ng	
8) 2-Chlorophenol	6.831	128	524166	43.805	ng	95
9) Benzaldehyde	6.595	77	200129	21.691	ng	99
10) Phenol	6.684	94	568185	38.540	ng	98
11) bis(2-Chloroethyl)ether	6.778	93	487020	40.139	ng	95
12) 1,3-Dichlorobenzene	6.989	146	546611	43.191	ng	98
13) 1,4-Dichlorobenzene	7.066	146	548152	43.391	ng	98
14) 1,2-Dichlorobenzene	7.219	146	535172	45.426	ng	97
15) Benzyl Alcohol	7.184	79	394857	37.992	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.319	45	445633	34.860	ng	93
17) 2-Methylphenol	7.289	107	408975	39.045	ng	99
18) Hexachloroethane	7.566	117	203403	42.920	ng	93
19) n-Nitroso-di-n-propyla...	7.460	70	278829	34.463	ng	# 96
20) 3+4-Methylphenols	7.442	107	507608	37.970	ng	96
22) Acetophenone	7.460	105	658035	38.799	ng	97
24) Nitrobenzene	7.636	77	474264	35.821	ng	90
25) Isophorone	7.872	82	908645	36.940	ng	96
26) 2-Nitrophenol	7.948	139	281444	43.641	ng	92
27) 2,4-Dimethylphenol	7.978	122	455607	40.362	ng	99
28) bis(2-Chloroethoxy)met...	8.072	93	576011	38.106	ng	99
29) 2,4-Dichlorophenol	8.189	162	427876	42.694	ng	96
30) 1,2,4-Trichlorobenzene	8.272	180	464186	43.252	ng	99
31) Naphthalene	8.360	128	1395772	39.319	ng	99
32) Benzoic acid	8.089	122	354322	42.405	ng	93
33) 4-Chloroaniline	8.401	127	359768	22.855	ng	97
34) Hexachlorobutadiene	8.472	225	275963	45.740	ng	99
35) Caprolactam	8.778	113	143176m	41.906	ng	
36) 4-Chloro-3-methylphenol	8.878	107	439719	40.726	ng	93
37) 2-Methylnaphthalene	9.048	142	944288	39.271	ng	99
38) 1-Methylnaphthalene	9.148	142	875079	39.161	ng	100
40) 1,2,4,5-Tetrachloroben...	9.219	216	443953	42.189	ng	99
41) Hexachlorocyclopentadiene	9.201	237	539324	87.846	ng	98
43) 2,4,6-Trichlorophenol	9.325	196	322025	42.810	ng	99

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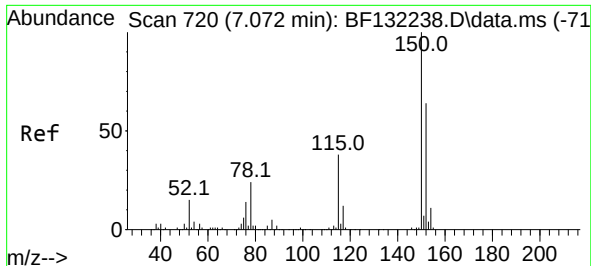
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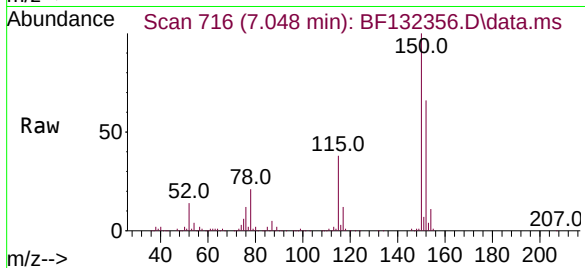
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.366	196	346375	40.007	ng	98
46) 1,1'-Biphenyl	9.513	154	1149977	39.890	ng	98
47) 2-Chloronaphthalene	9.542	162	894576	40.742	ng	98
48) 2-Nitroaniline	9.636	65	221736	33.956	ng	# 80
49) Acenaphthylene	9.966	152	1396835	38.979	ng	99
50) Dimethylphthalate	9.813	163	1063320	40.651	ng	99
51) 2,6-Dinitrotoluene	9.878	165	247678	42.397	ng	# 85
52) Acenaphthene	10.136	154	987807	44.029	ng	99
53) 3-Nitroaniline	10.048	138	215874	30.471	ng	96
54) 2,4-Dinitrophenol	10.154	184	291339	85.708	ng	95
55) Dibenzofuran	10.307	168	1220092	38.706	ng	99
56) 4-Nitrophenol	10.201	139	424566	79.640	ng	93
57) 2,4-Dinitrotoluene	10.283	165	330847	43.598	ng	90
58) Fluorene	10.654	166	954723	39.354	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.419	232	281271	44.563	ng	97
60) Diethylphthalate	10.513	149	1083077	41.623	ng	99
61) 4-Chlorophenyl-phenyle...	10.642	204	473337	41.113	ng	97
62) 4-Nitroaniline	10.672	138	262402	38.625	ng	96
63) Azobenzene	10.801	77	882594	34.821	ng	95
65) 4,6-Dinitro-2-methylph...	10.695	198	181734	45.739	ng	88
66) n-Nitrosodiphenylamine	10.760	169	863212	39.378	ng	100
67) 4-Bromophenyl-phenylether	11.136	248	306710	42.785	ng	95
68) Hexachlorobenzene	11.201	284	353444	46.129	ng	96
69) Atrazine	11.283	200	297807	47.231	ng	97
70) Pentachlorophenol	11.395	266	403242	76.596	ng	100
71) Phenanthrene	11.624	178	1425100	38.956	ng	99
72) Anthracene	11.677	178	1453088	39.031	ng	100
73) Carbazole	11.824	167	1288076	38.587	ng	99
74) Di-n-butylphthalate	12.148	149	1640900	41.579	ng	100
75) Fluoranthene	12.819	202	1464136	39.220	ng	98
77) Benzidine	12.936	184	528876	35.478	ng	99
78) Pyrene	13.054	202	1472105	42.924	ng	99
80) Butylbenzylphthalate	13.660	149	684831	45.197	ng	96
81) Benzo(a)anthracene	14.248	228	1228141	41.181	ng	99
82) 3,3'-Dichlorobenzidine	14.201	252	292927	30.839	ng	99
83) Chrysene	14.283	228	1120453	40.123	ng	100
84) Bis(2-ethylhexyl)phtha...	14.213	149	940023	45.898	ng	99
85) Di-n-octyl phthalate	14.848	149	1382130	41.375	ng	# 96
87) Indeno(1,2,3-cd)pyrene	17.453	276	1068302	45.551	ng	97
88) Benzo(b)fluoranthene	15.354	252	1056323	47.082	ng	98
89) Benzo(k)fluoranthene	15.389	252	951982	44.453	ng	99
90) Benzo(a)pyrene	15.759	252	855924	40.969	ng	99
91) Dibenzo(a,h)anthracene	17.477	278	888437	47.117	ng	99
92) Benzo(g,h,i)perylene	17.959	276	888520	45.612	ng	96

(#) = 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
 Lab File: BF132356.D
 Acq: 08 Feb 2023 13:54

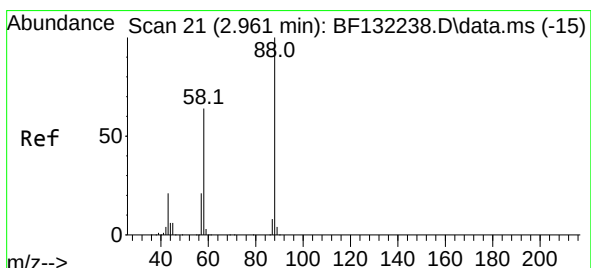
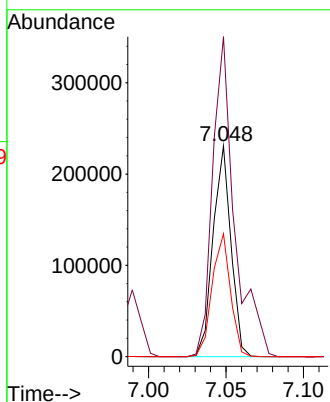
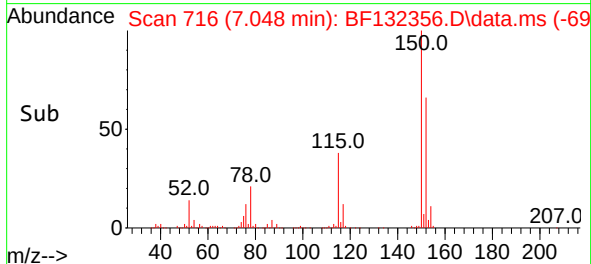
Instrument :
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 PB150729BS



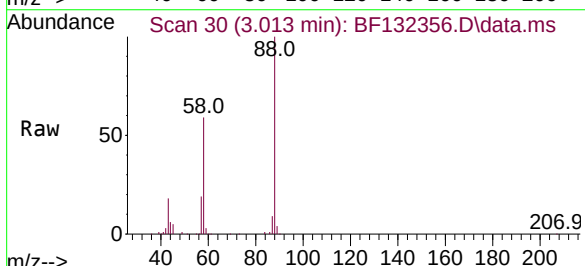
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 Ion Ratio Lower Upper
 152 100
 150 151.9 124.2 186.2
 115 58.3 47.3 70.9

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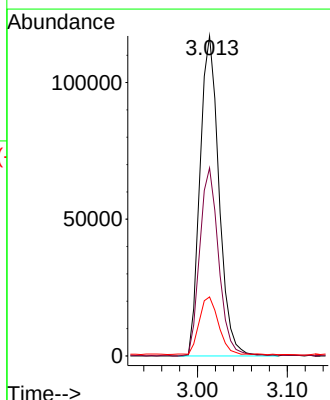
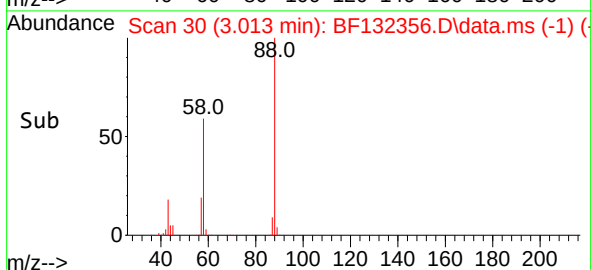
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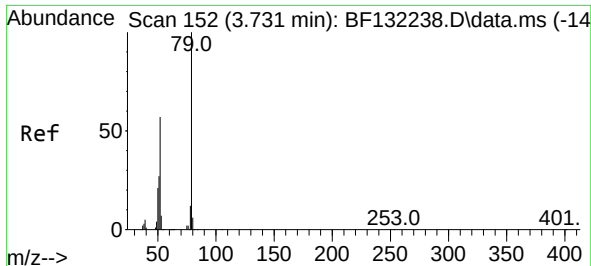


#2
 1,4-Dioxane
 Concen: 31.605 ng
 RT: 3.013 min Scan# 30
 Delta R.T. 0.082 min
 Lab File: BF132356.D
 Acq: 08 Feb 2023 13:54



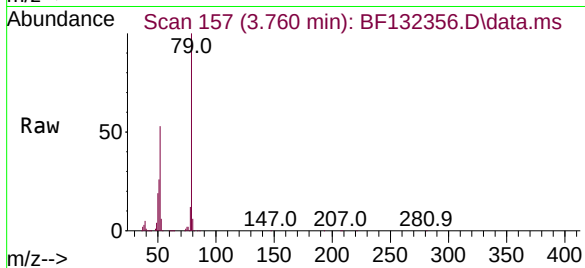
Tgt Ion: 88 Resp: 171810
 Ion Ratio Lower Upper
 88 100
 58 59.0 50.2 75.2
 43 18.4 16.9 25.3





#3
Pyridine
Concen: 29.433 ng
RT: 3.760 min Scan# 11
Delta R.T. 0.059 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

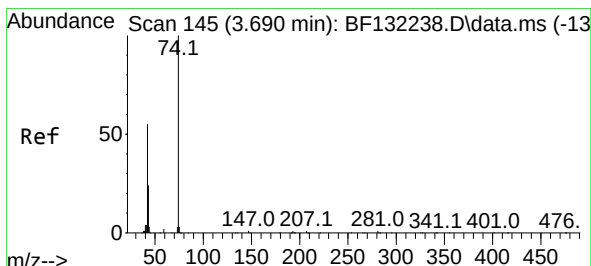
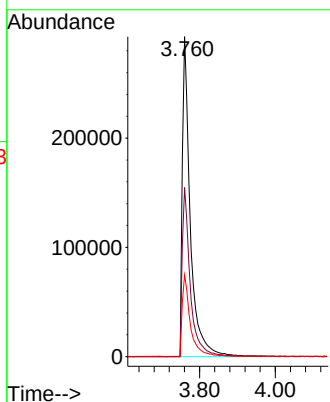
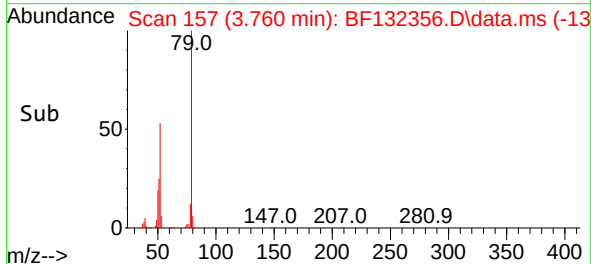
Instrument :
BNA_F
ClientSampleId :
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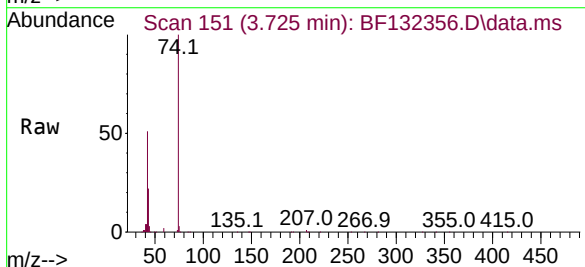
Tgt Ion: 79 Resp: 434076
Ion Ratio Lower Upper
79 100
52 52.8 45.6 68.4
51 25.5 21.5 32.3

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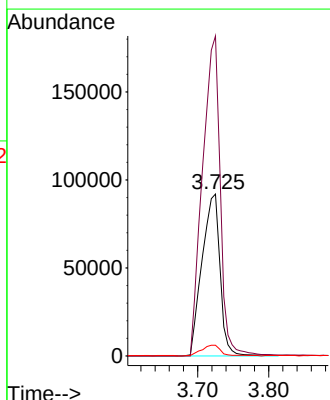
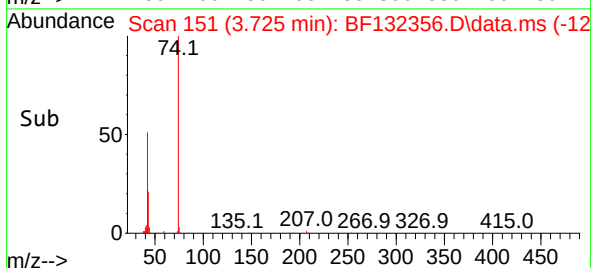
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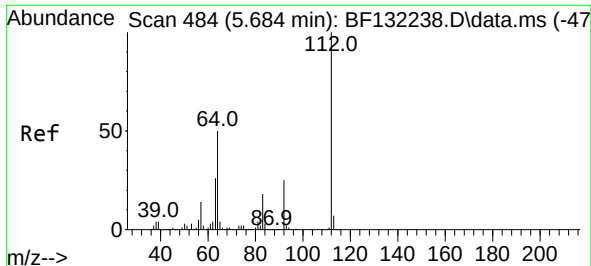


#4
n-Nitrosodimethylamine
Concen: 34.349 ng
RT: 3.725 min Scan# 151
Delta R.T. 0.059 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54



Tgt Ion: 42 Resp: 162095
Ion Ratio Lower Upper
42 100
74 197.7 144.6 217.0
44 6.6 5.1 7.7





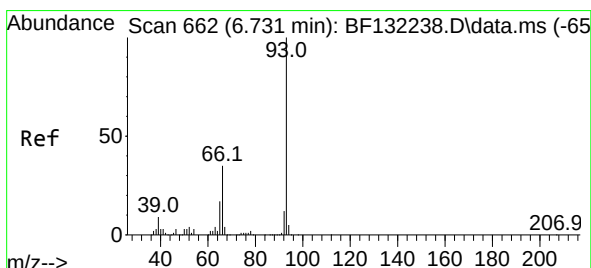
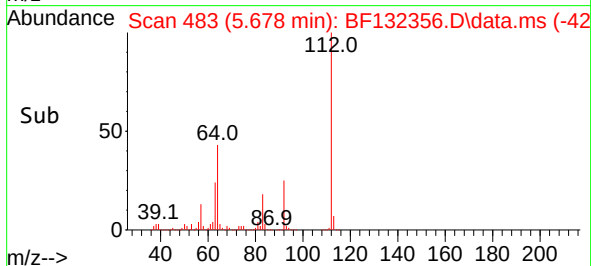
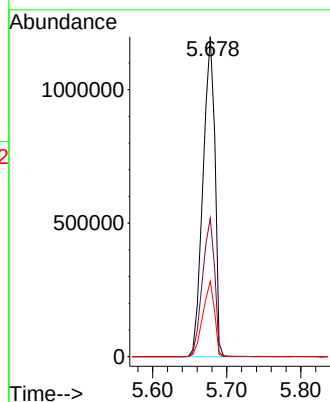
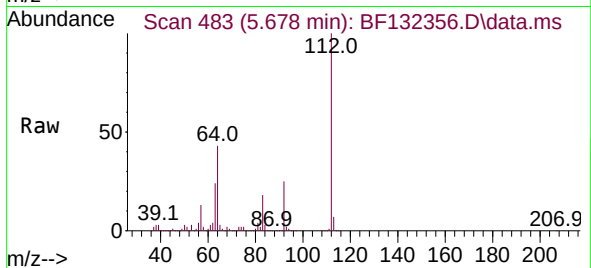
#5
2-Fluorophenol
Concen: 115.798 ng
RT: 5.678 min Scan# 484
Delta R.T. 0.018 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

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Tgt Ion:112 Resp: 133784
Ion Ratio Lower Upper
112 100
64 43.3 40.0 60.0
63 23.5 20.5 30.7

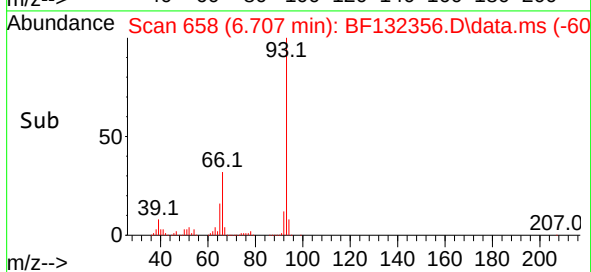
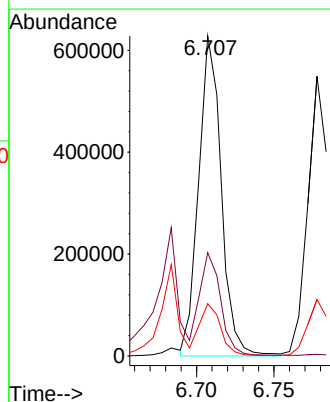
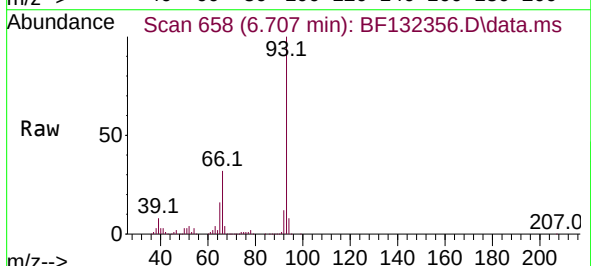
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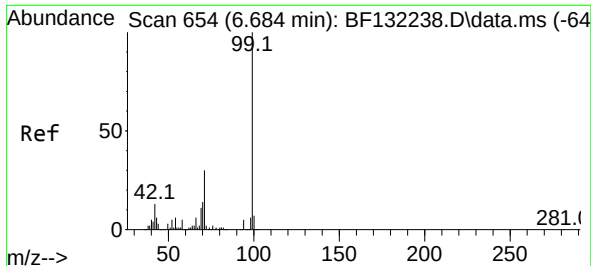
Reviewed By :Christian Giraldo 02/09/2023
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#6
Aniline
Concen: 33.135 ng m
RT: 6.707 min Scan# 658
Delta R.T. -0.006 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

Tgt Ion: 93 Resp: 640440
Ion Ratio Lower Upper
93 100
66 32.3 28.8 43.2
65 16.3 14.2 21.4





#7

Phenol-d6

Concen: 111.027 ng

RT: 6.672 min Scan# 61

Delta R.T. 0.006 min

Lab File: BF132356.D

Acq: 08 Feb 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB150729BS

Tgt Ion: 99 Resp: 1581414

Ion Ratio Lower Upper

99 100

42 11.7 10.1 15.1

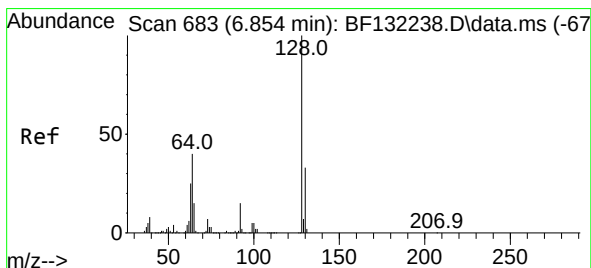
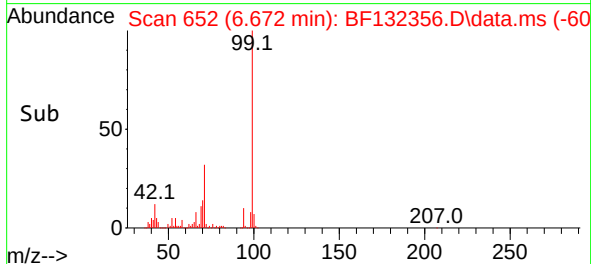
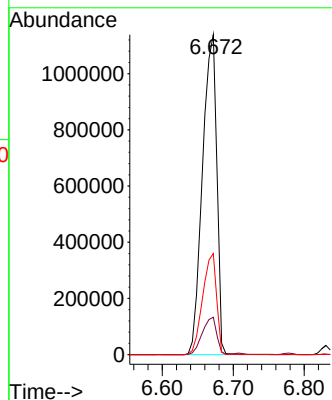
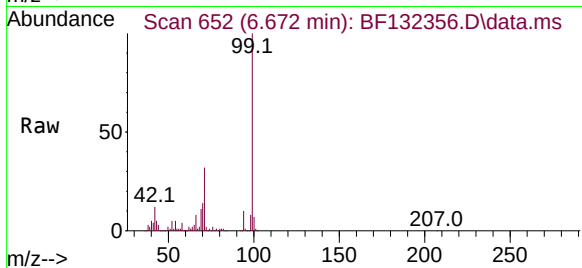
71 31.6 24.2 36.4

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#8

2-Chlorophenol

Concen: 43.805 ng

RT: 6.831 min Scan# 679

Delta R.T. -0.000 min

Lab File: BF132356.D

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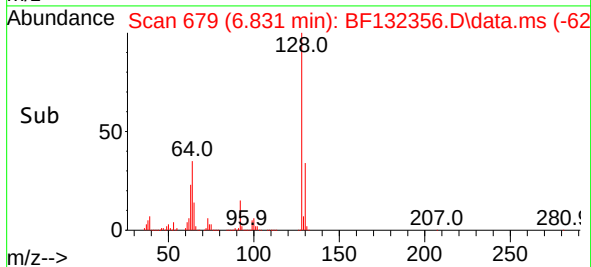
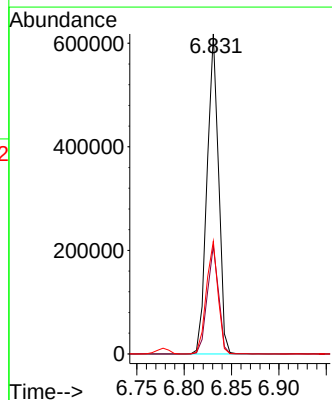
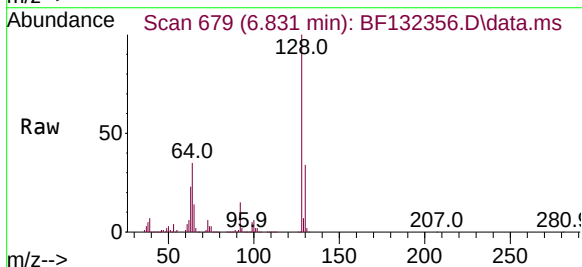
Tgt Ion:128 Resp: 524166

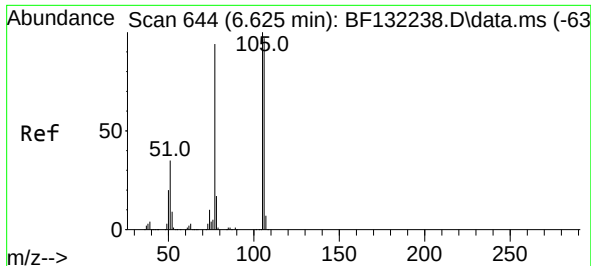
Ion Ratio Lower Upper

128 100

130 33.8 13.3 53.3

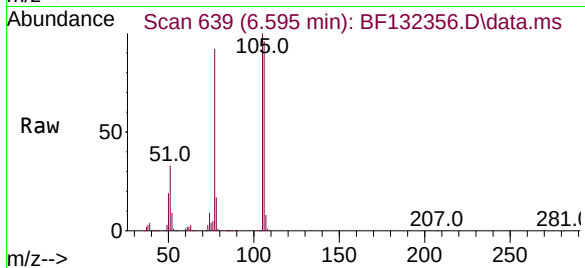
64 35.2 20.1 60.1





#9
Benzaldehyde
Concen: 21.691 ng
RT: 6.595 min Scan# 644
Delta R.T. -0.006 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

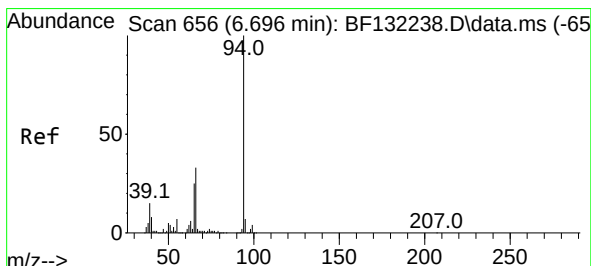
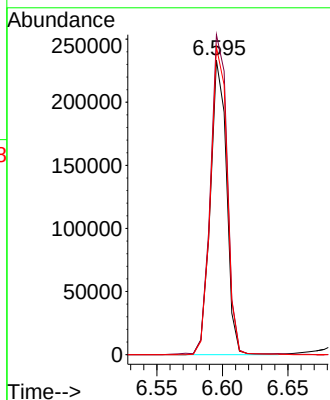
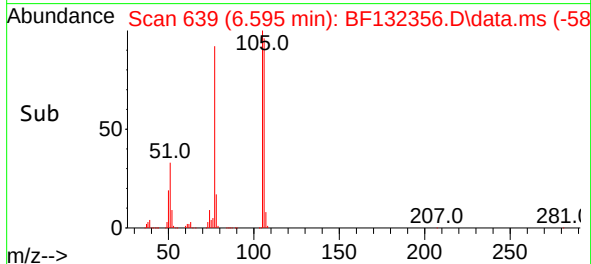
Instrument :
BNA_F
ClientSampleId :
PB150729BS



Tgt Ion: 77 Resp: 200129
Ion Ratio Lower Upper
77 100
105 108.7 86.8 126.8
106 104.5 83.8 123.8

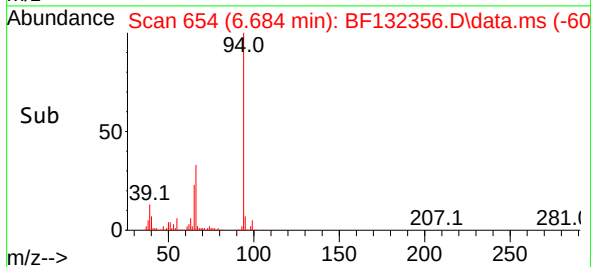
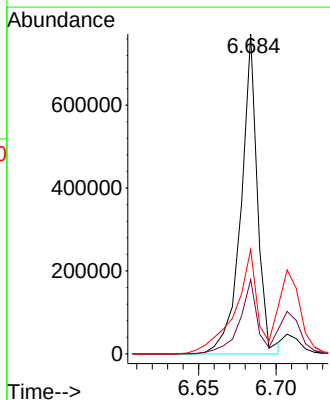
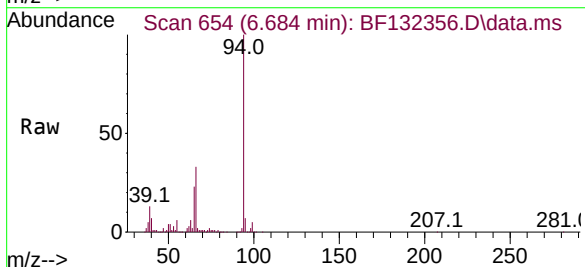
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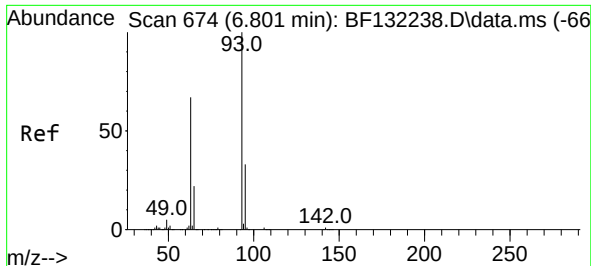
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023



#10
Phenol
Concen: 38.540 ng
RT: 6.684 min Scan# 654
Delta R.T. 0.006 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

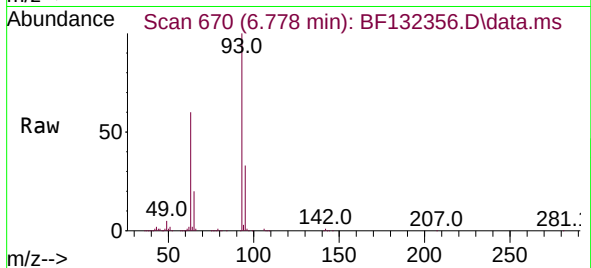
Tgt Ion: 94 Resp: 568185
Ion Ratio Lower Upper
94 100
65 23.2 5.1 45.1
66 32.6 13.0 53.0





#11
bis(2-Chloroethyl)ether
Concen: 40.139 ng
RT: 6.778 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

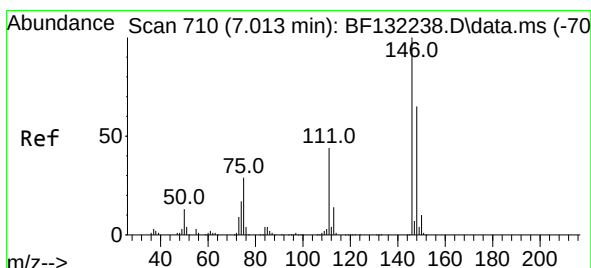
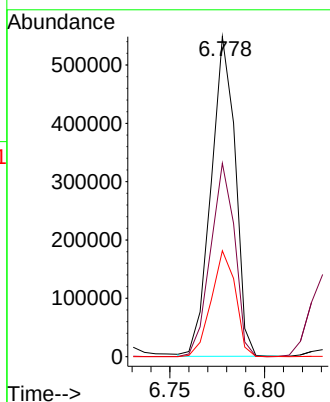
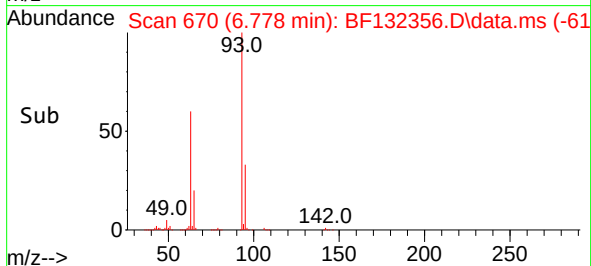
Instrument :
BNA_F
ClientSampleId :
PB150729BS



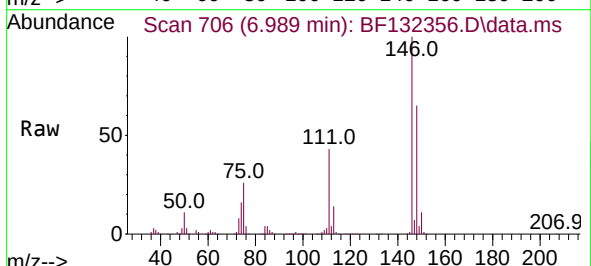
Tgt Ion: 93 Resp: 487020
Ion Ratio Lower Upper
93 100
63 60.4 46.7 86.7
95 33.1 13.4 53.4

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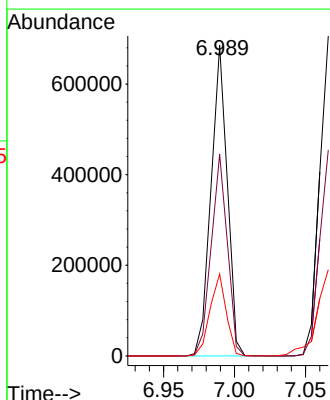
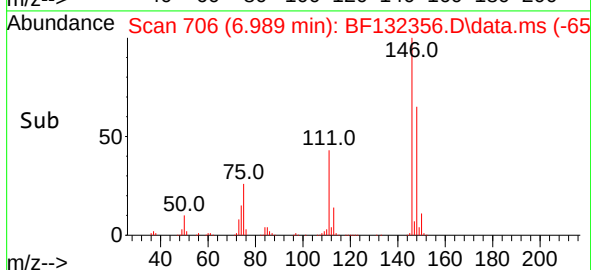
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023

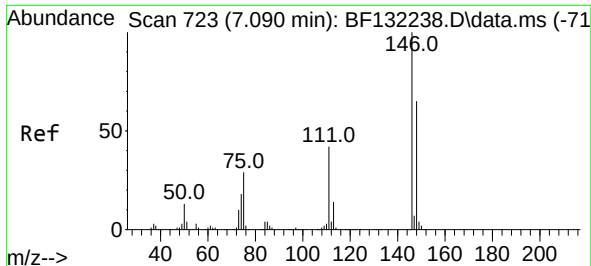


#12
1,3-Dichlorobenzene
Concen: 43.191 ng
RT: 6.989 min Scan# 706
Delta R.T. -0.000 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54



Tgt Ion:146 Resp: 546611
Ion Ratio Lower Upper
146 100
148 64.9 51.8 77.8
75 26.3 23.5 35.3





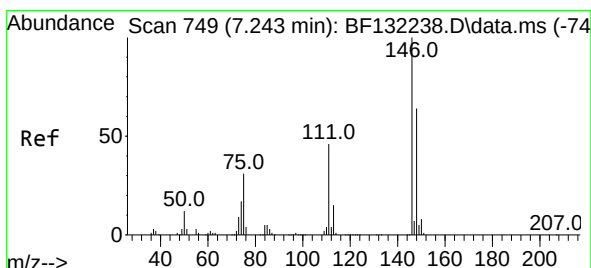
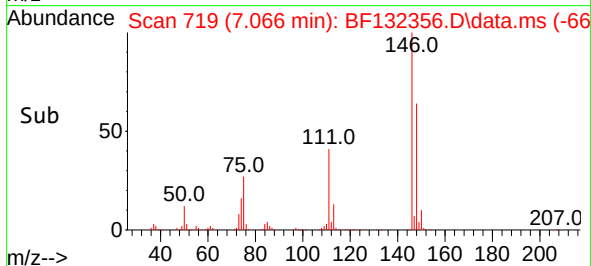
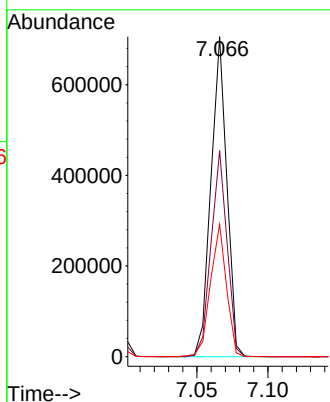
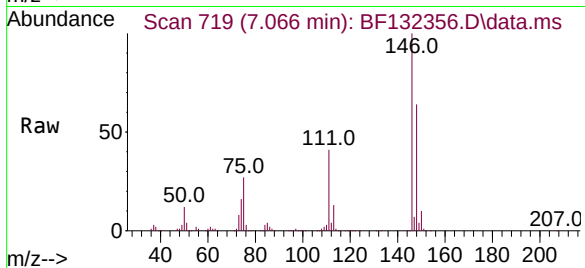
#13
1,4-Dichlorobenzene
Concen: 43.391 ng
RT: 7.066 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

Instrument :
BNA_F
ClientSampleId :
PB150729BS

Tgt Ion:146 Resp: 548152
Ion Ratio Lower Upper
146 100
148 64.4 52.4 78.6
111 41.4 34.0 51.0

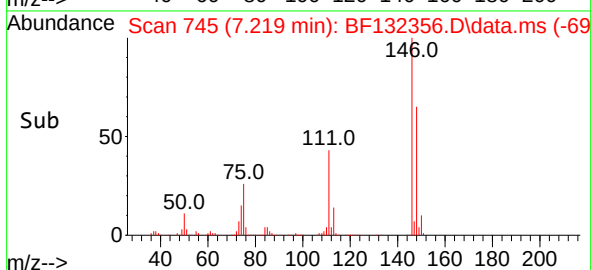
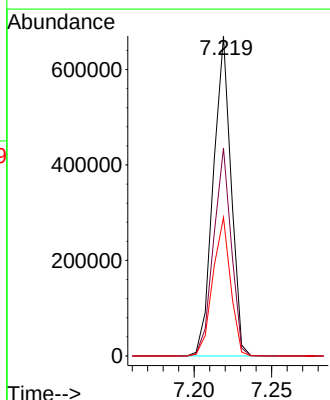
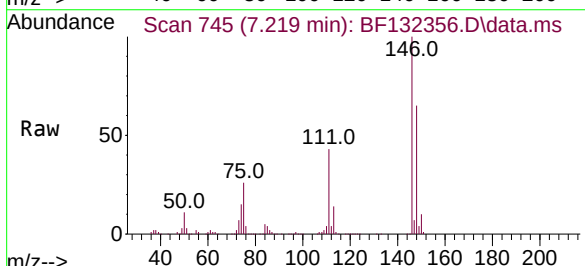
Manual Integrations
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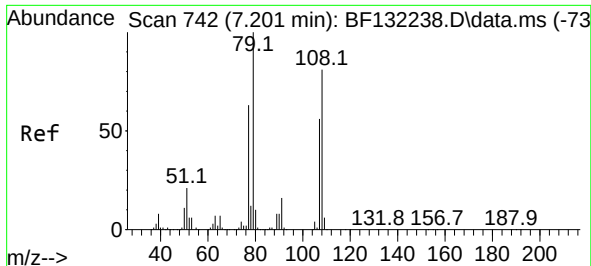
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023



#14
1,2-Dichlorobenzene
Concen: 45.426 ng
RT: 7.219 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

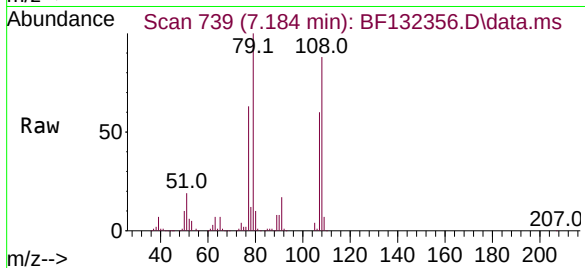
Tgt Ion:146 Resp: 535172
Ion Ratio Lower Upper
146 100
148 65.0 51.4 77.0
111 43.3 37.1 55.7





#15
Benzyl Alcohol
Concen: 37.992 ng
RT: 7.184 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

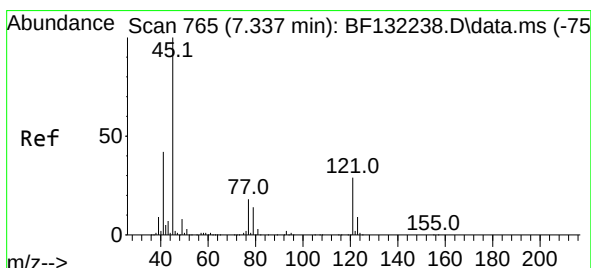
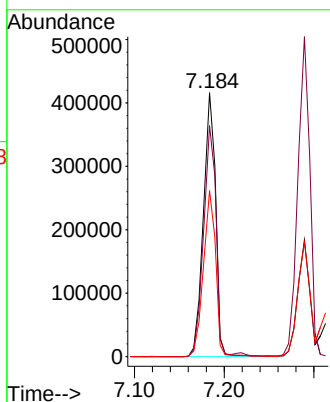
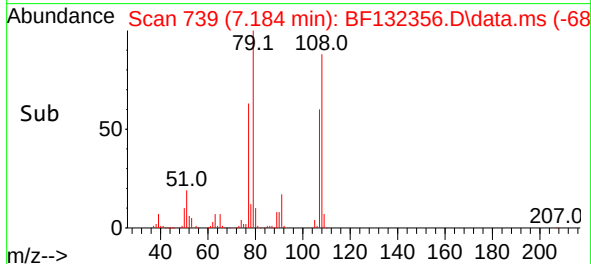
Instrument :
BNA_F
ClientSampleId :
PB150729BS



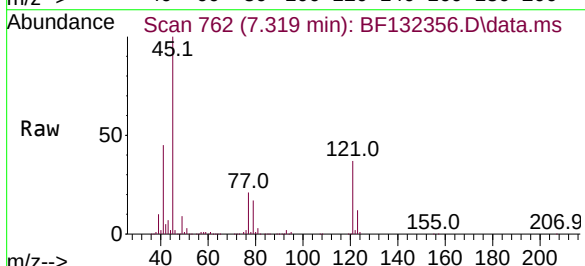
Tgt Ion: 79 Resp: 394852
Ion Ratio Lower Upper
79 100
108 87.5 64.6 97.0
77 62.9 50.1 75.1

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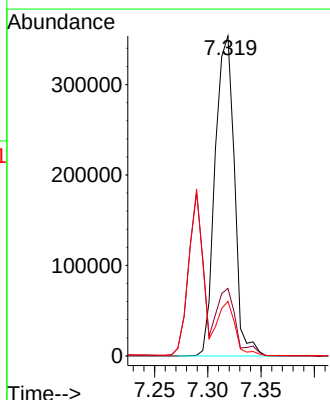
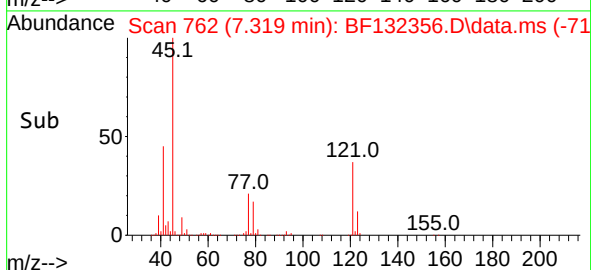
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023

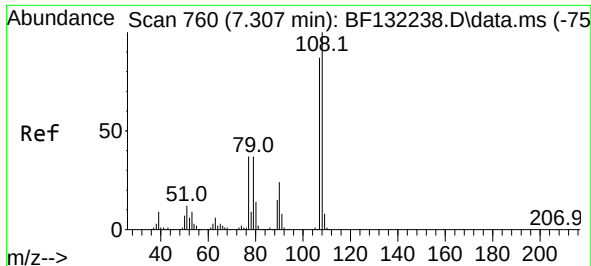


#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.860 ng
RT: 7.319 min Scan# 762
Delta R.T. -0.000 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54



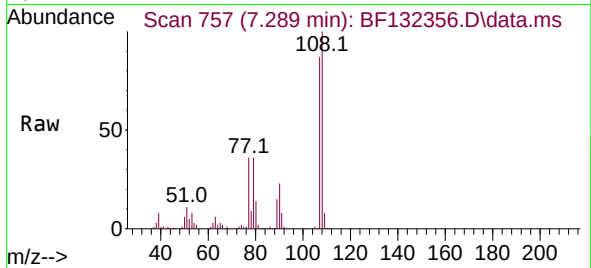
Tgt Ion: 45 Resp: 445633
Ion Ratio Lower Upper
45 100
77 21.1 0.0 38.0
79 17.0 0.0 33.8





#17
2-Methylphenol
Concen: 39.045 ng
RT: 7.289 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

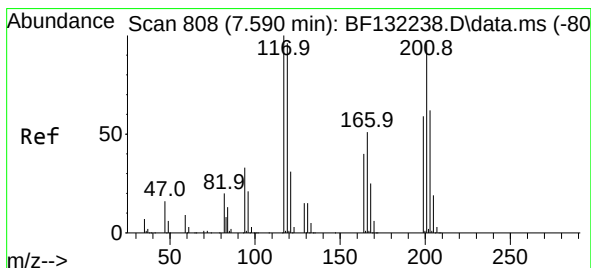
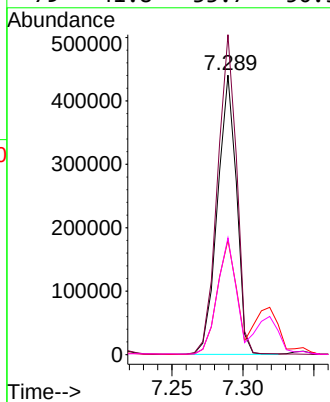
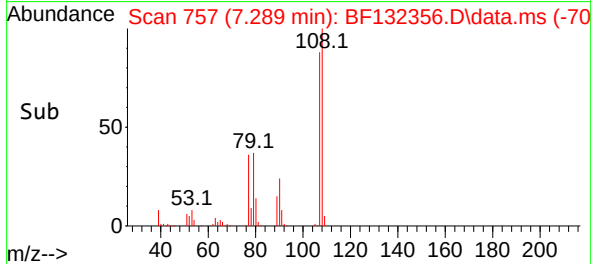
Instrument :
BNA_F
ClientSampleId :
PB150729BS



Tgt Ion:107 Resp: 408975
Ion Ratio Lower Upper
107 100
108 114.5 91.8 137.6
77 41.0 34.2 51.2
79 41.8 33.7 50.5

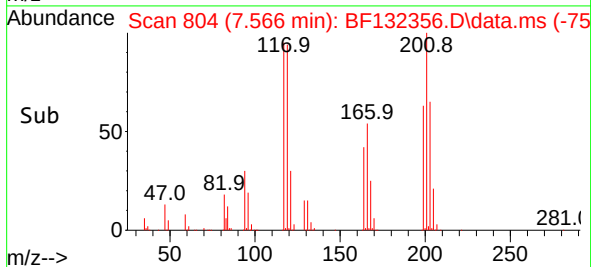
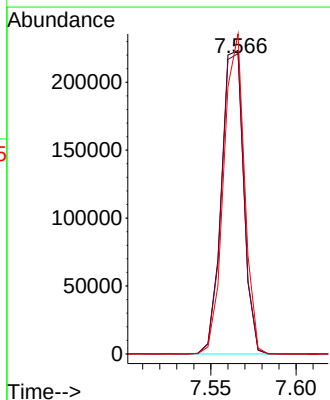
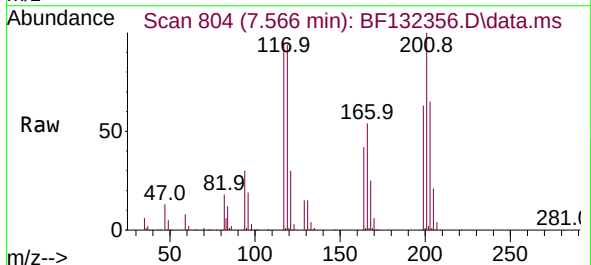
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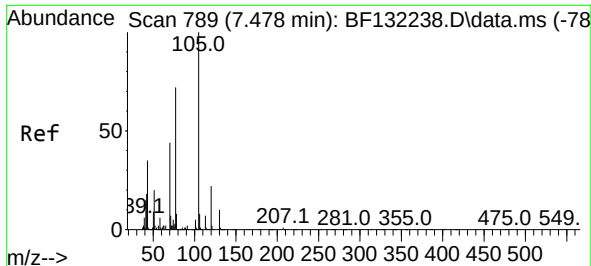
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023



#18
Hexachloroethane
Concen: 42.920 ng
RT: 7.566 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

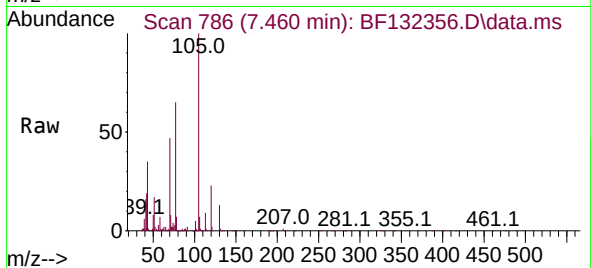
Tgt Ion:117 Resp: 203403
Ion Ratio Lower Upper
117 100
119 98.9 76.7 115.1
201 105.4 76.6 114.8





#19
n-Nitroso-di-n-propylamine
Concen: 34.463 ng
RT: 7.460 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

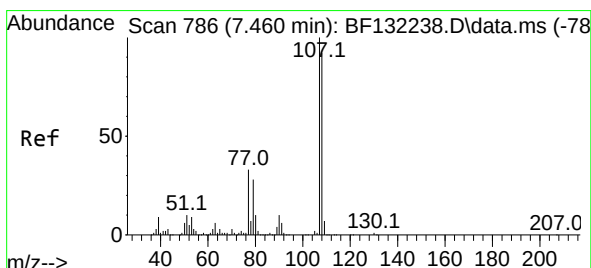
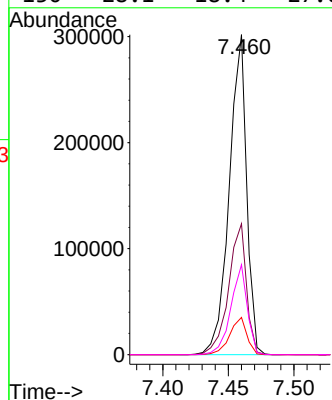
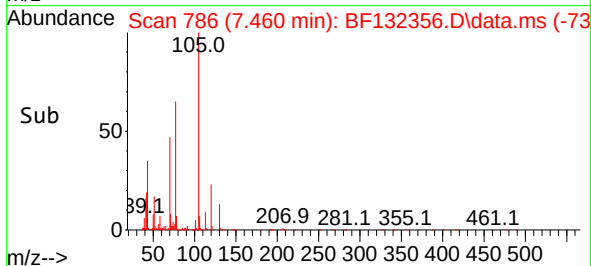
Instrument :
BNA_F
ClientSampleId :
PB150729BS



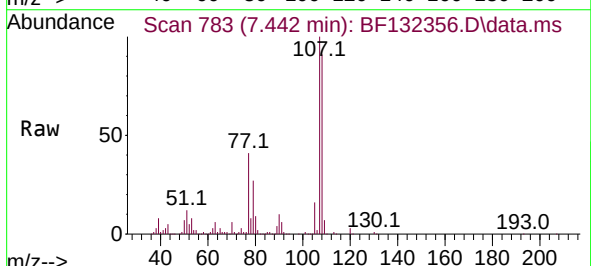
Tgt Ion: 70 Resp: 278829
Ion Ratio Lower Upper
70 100
42 40.9 33.4 50.0
101 11.6 8.2 12.4
130 28.1 18.4 27.6#

Manual Integrations
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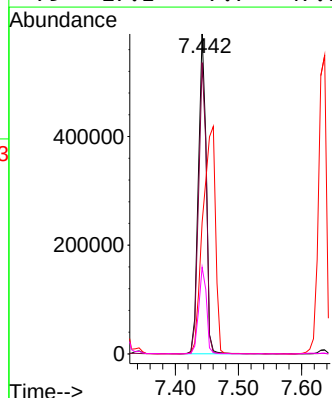
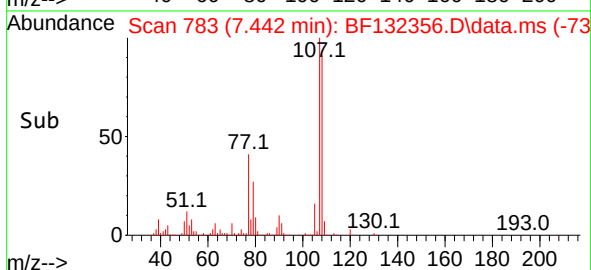
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023

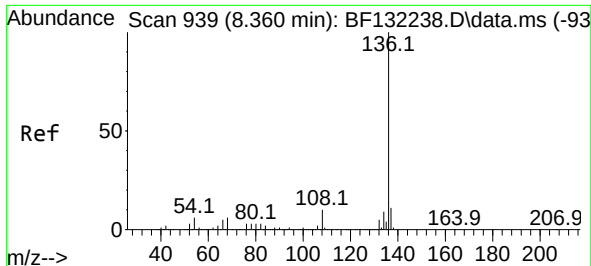


#20
3+4-Methylphenols
Concen: 37.970 ng
RT: 7.442 min Scan# 783
Delta R.T. -0.000 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54



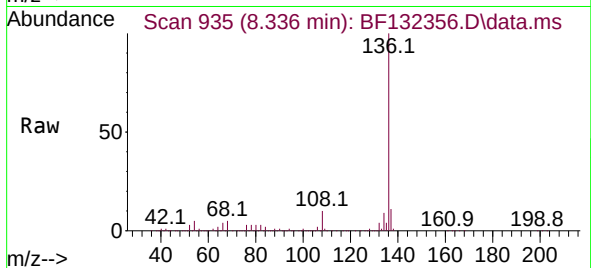
Tgt Ion:107 Resp: 507608
Ion Ratio Lower Upper
107 100
108 91.0 71.6 111.6
77 41.1 13.4 53.4
79 27.1 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.336 min Scan# 935
Delta R.T. -0.000 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

Instrument :
BNA_F
ClientSampleId :
PB150729BS

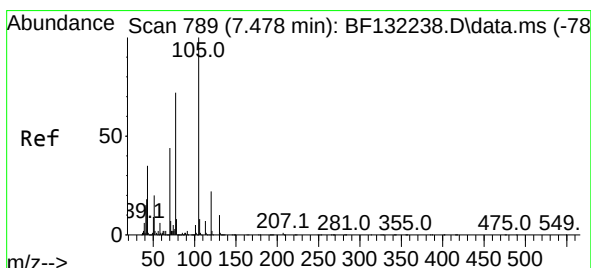
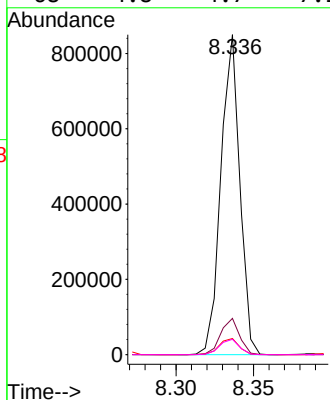
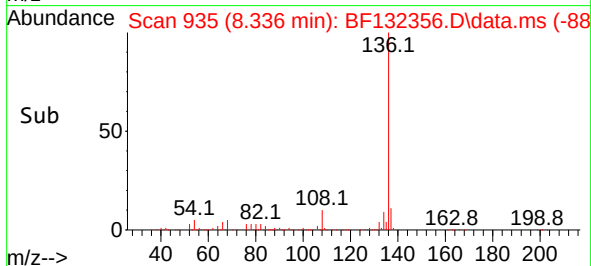


Tgt Ion:136 Resp: 721180

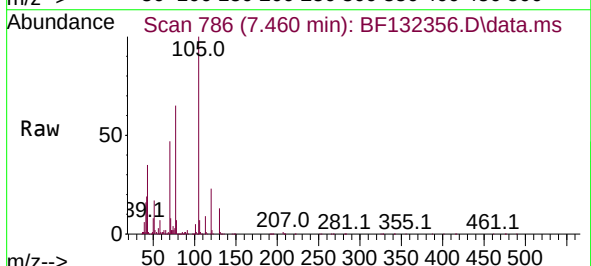
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	5.0	4.9	7.3
68	4.8	4.7	7.1

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Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023

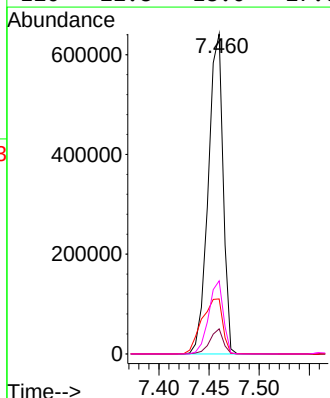
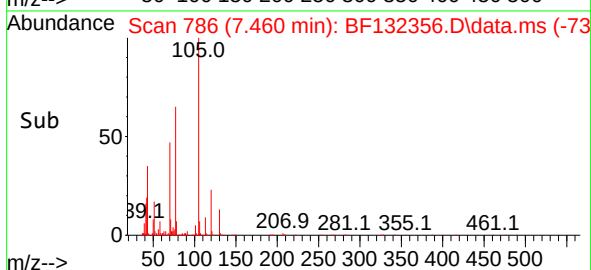


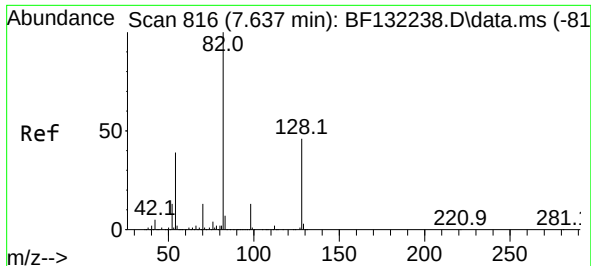
#22
Acetophenone
Concen: 38.799 ng
RT: 7.460 min Scan# 786
Delta R.T. 0.006 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54



Tgt Ion:105 Resp: 658035

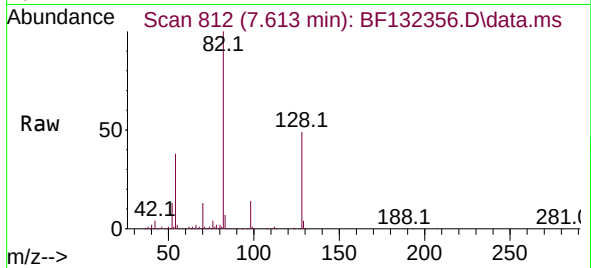
Ion	Ratio	Lower	Upper
105	100		
71	7.8	5.8	8.6
51	17.2	16.2	24.2
120	22.8	18.0	27.0





#23
Nitrobenzene-d5
Concen: 74.196 ng
RT: 7.613 min Scan# 816
Delta R.T. -0.000 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

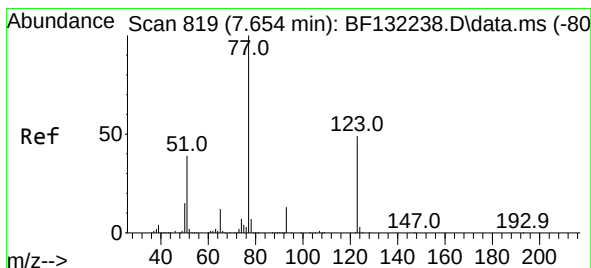
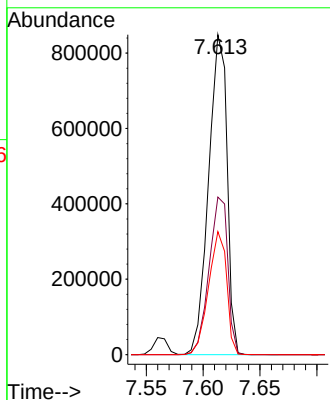
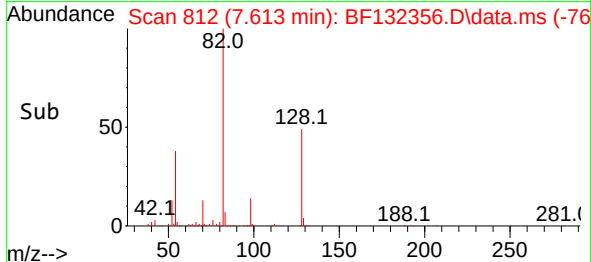
Instrument :
BNA_F
ClientSampleId :
PB150729BS



Tgt Ion: 82 Resp: 96157
Ion Ratio Lower Upper
82 100
128 49.2 37.0 55.4
54 38.4 31.5 47.3

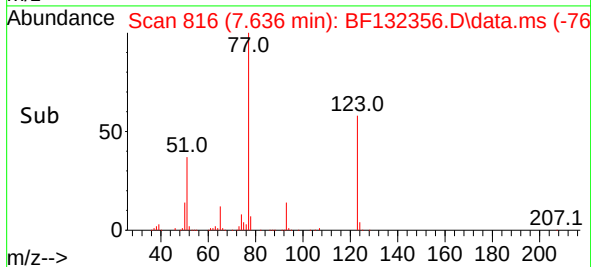
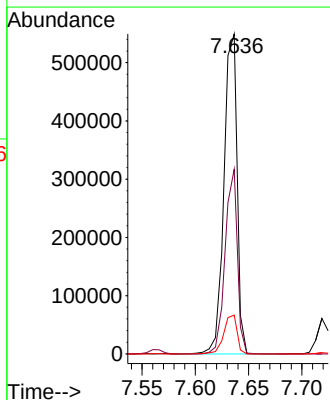
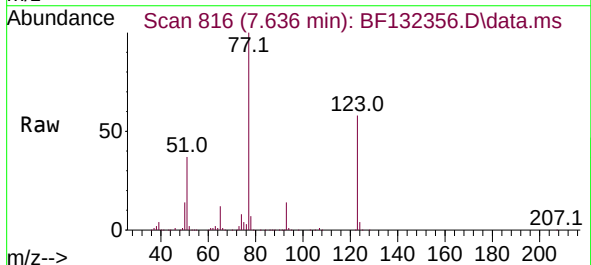
Manual Integrations
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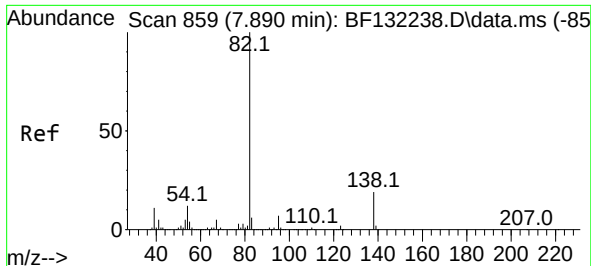
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023



#24
Nitrobenzene
Concen: 35.821 ng
RT: 7.636 min Scan# 816
Delta R.T. 0.006 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

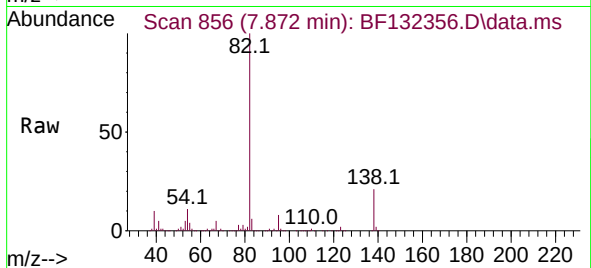
Tgt Ion: 77 Resp: 474264
Ion Ratio Lower Upper
77 100
123 57.7 39.5 59.3
65 12.2 9.8 14.8





#25
Isophorone
Concen: 36.940 ng
RT: 7.872 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

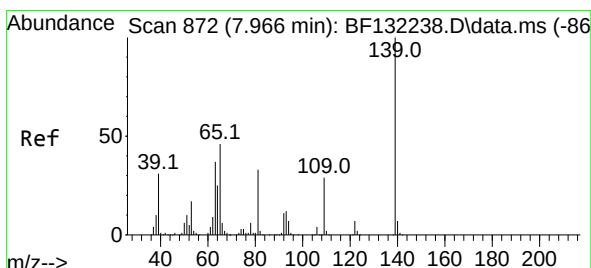
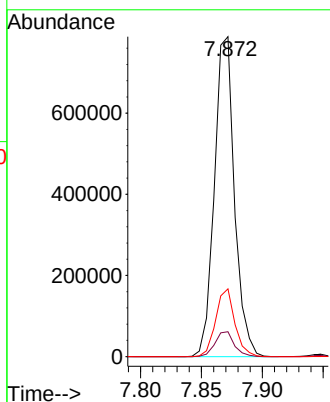
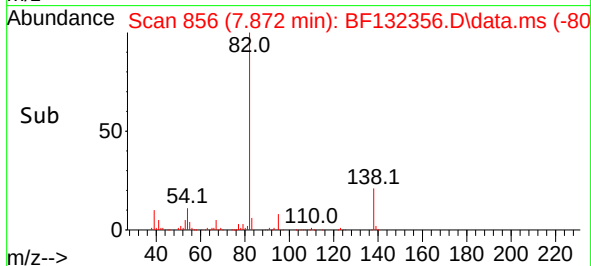
Instrument :
BNA_F
ClientSampleId :
PB150729BS



Tgt Ion: 82 Resp: 908645
Ion Ratio Lower Upper
82 100
95 7.8 5.6 8.4
138 21.2 15.0 22.6

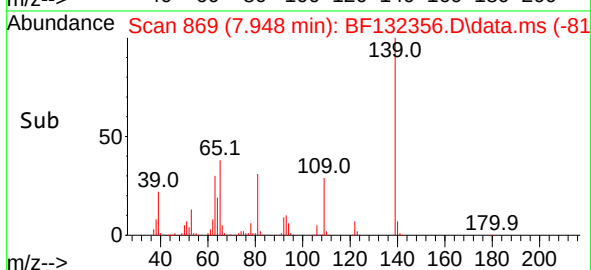
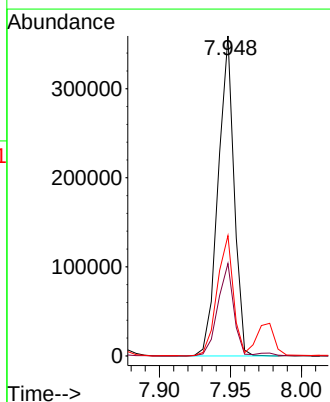
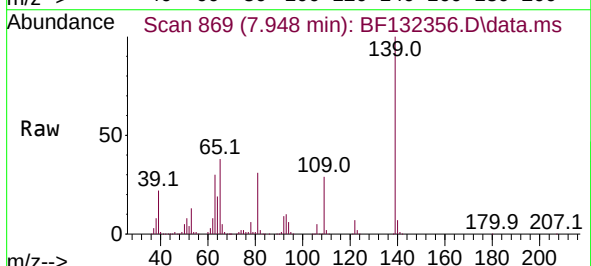
Manual Integrations
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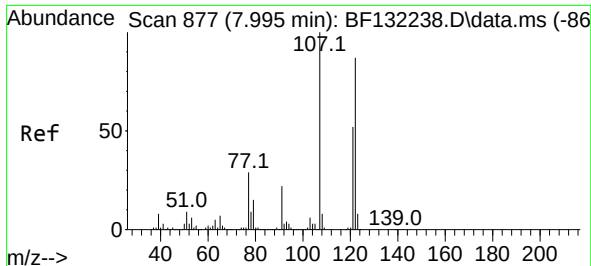
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023



#26
2-Nitrophenol
Concen: 43.641 ng
RT: 7.948 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

Tgt Ion:139 Resp: 281444
Ion Ratio Lower Upper
139 100
109 28.9 23.0 34.6
65 37.6 36.6 55.0





#27

2,4-Dimethylphenol

Concen: 40.362 ng

RT: 7.978 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF132356.D

Acq: 08 Feb 2023 13:54

Instrument :

BNA_F

ClientSampleId :

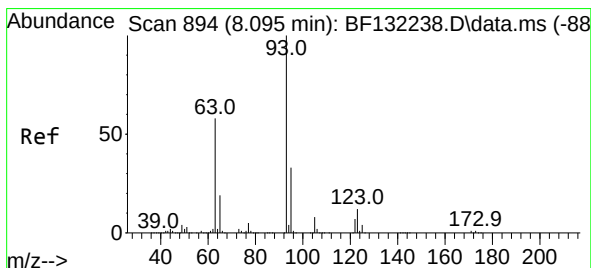
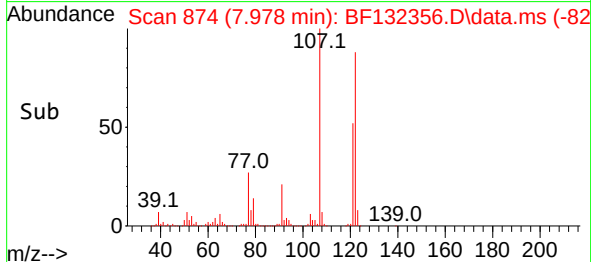
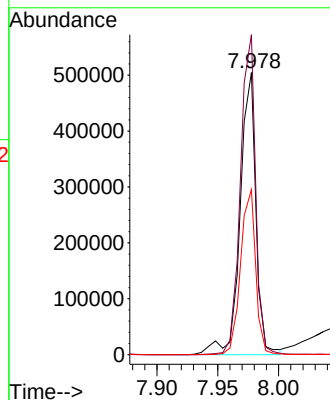
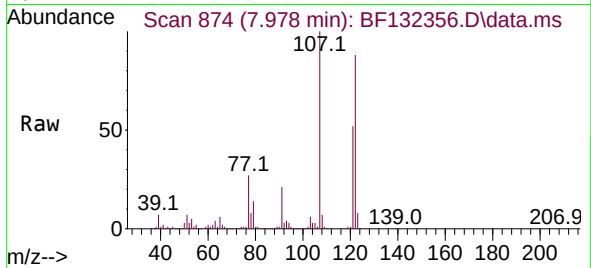
PB150729BS

Tgt Ion:122 Resp: 455607
 Ion Ratio Lower Upper
 122 100
 107 113.5 91.9 137.9
 121 58.6 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/09/2023
 Supervised By :Jagrut Upadhyay 02/09/2023



#28

bis(2-Chloroethoxy)methane

Concen: 38.106 ng

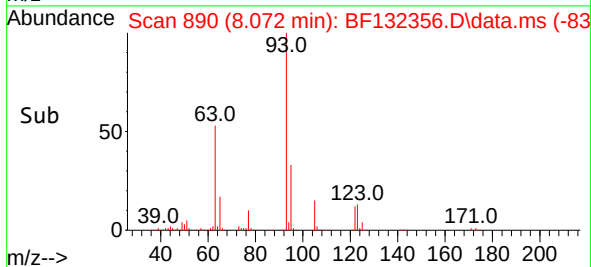
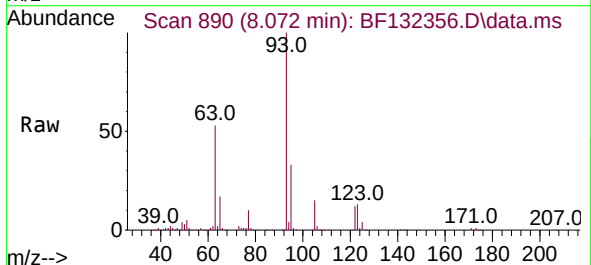
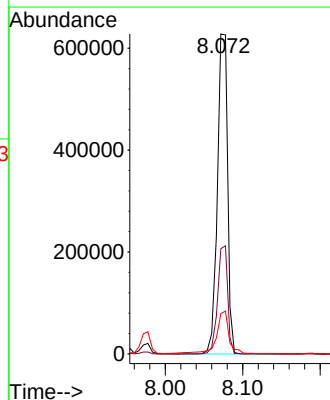
RT: 8.072 min Scan# 890

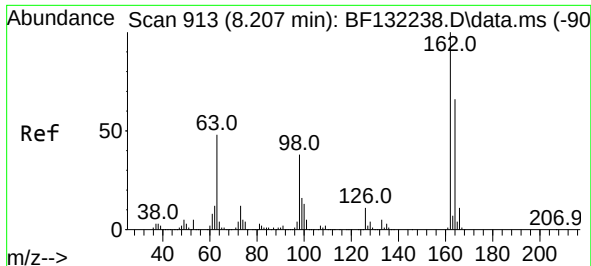
Delta R.T. -0.000 min

Lab File: BF132356.D

Acq: 08 Feb 2023 13:54

Tgt Ion: 93 Resp: 576011
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.6 40.0
 123 12.6 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 42.694 ng

RT: 8.189 min Scan# 913

Delta R.T. 0.006 min

Lab File: BF132356.D

Acq: 08 Feb 2023 13:54

Instrument :

BNA_F

ClientSampleId :

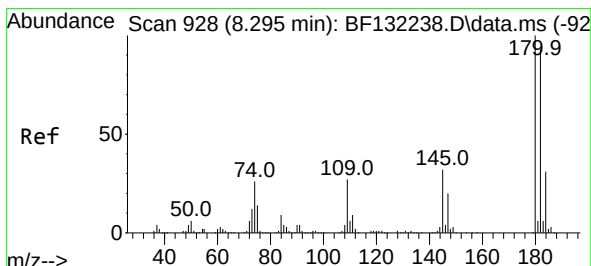
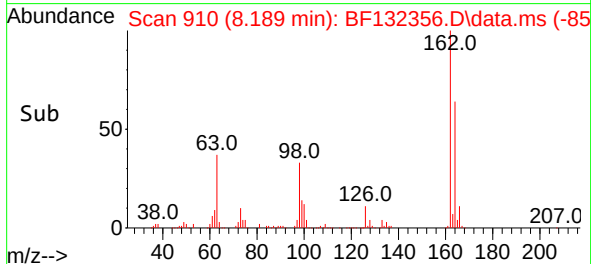
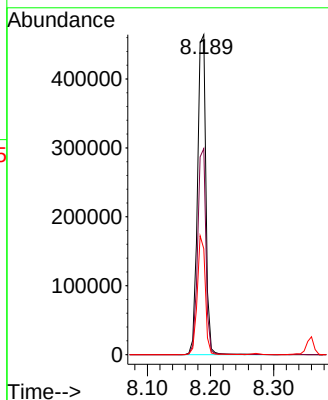
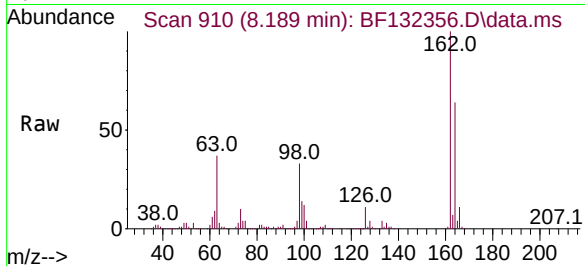
PB150729BS

Tgt Ion:162 Resp: 427876
 Ion Ratio Lower Upper
 162 100
 164 64.4 46.4 86.4
 98 33.1 17.8 57.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/09/2023
 Supervised By :Jagrut Upadhyay 02/09/2023



#30

1,2,4-Trichlorobenzene

Concen: 43.252 ng

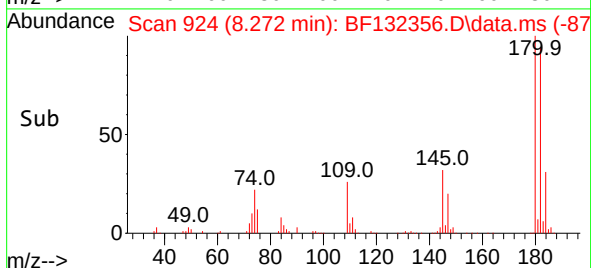
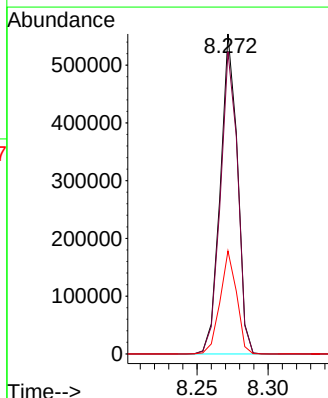
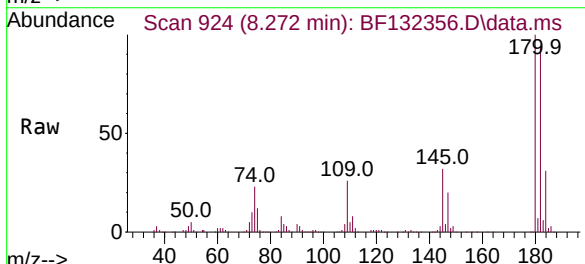
RT: 8.272 min Scan# 924

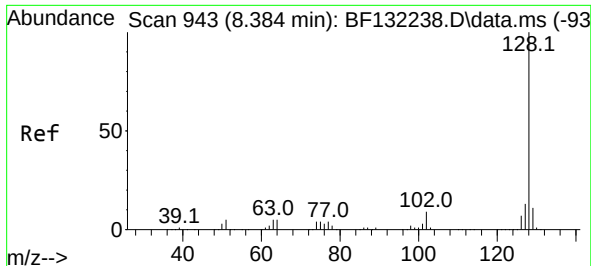
Delta R.T. -0.000 min

Lab File: BF132356.D

Acq: 08 Feb 2023 13:54

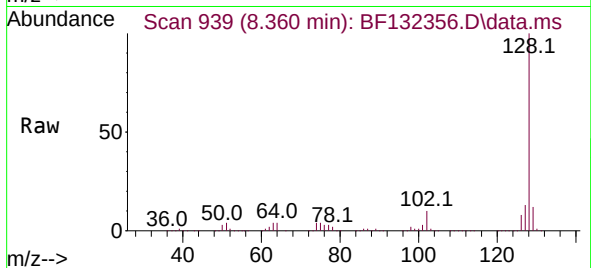
Tgt Ion:180 Resp: 464186
 Ion Ratio Lower Upper
 180 100
 182 94.4 74.6 112.0
 145 32.2 25.3 37.9





#31
Naphthalene
Concen: 39.319 ng
RT: 8.360 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

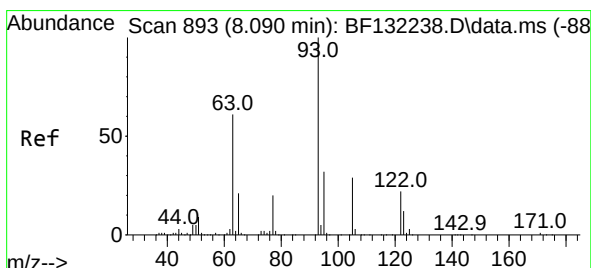
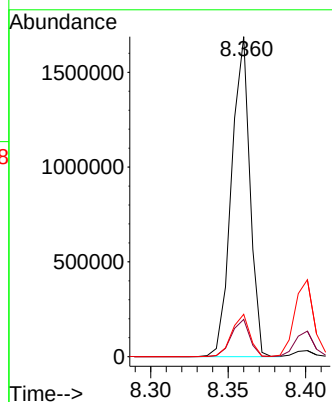
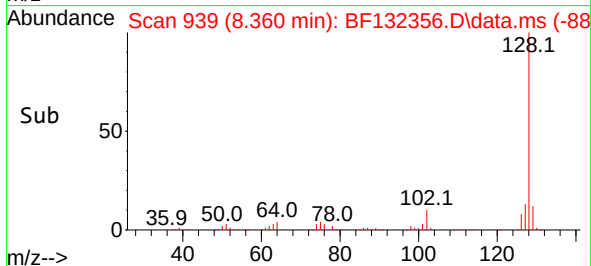
Instrument :
BNA_F
ClientSampleId :
PB150729BS



Tgt Ion:128 Resp: 1395772
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.4
127 13.2 10.5 15.7

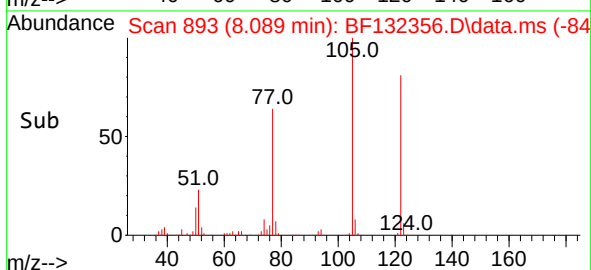
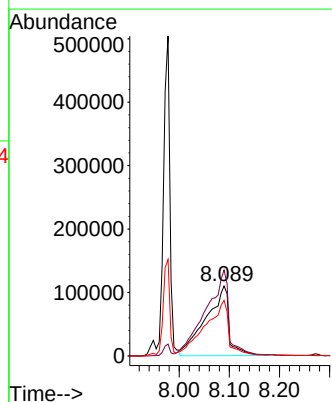
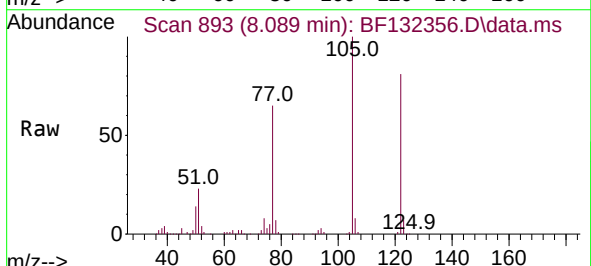
Manual Integrations
APPROVED

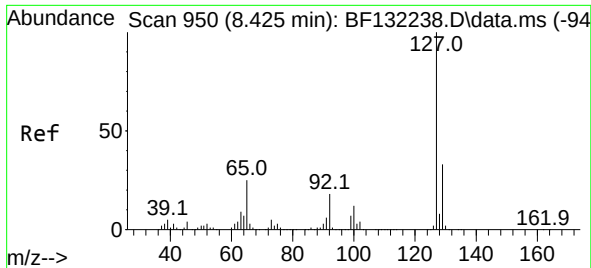
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023



#32
Benzoic acid
Concen: 42.405 ng
RT: 8.089 min Scan# 893
Delta R.T. 0.006 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

Tgt Ion:122 Resp: 354322
Ion Ratio Lower Upper
122 100
105 123.0 106.3 146.3
77 79.5 70.6 110.6





#33
4-Chloroaniline
Concen: 22.855 ng
RT: 8.401 min Scan# 946
Delta R.T. -0.000 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

Instrument :

BNA_F

ClientSampleId :

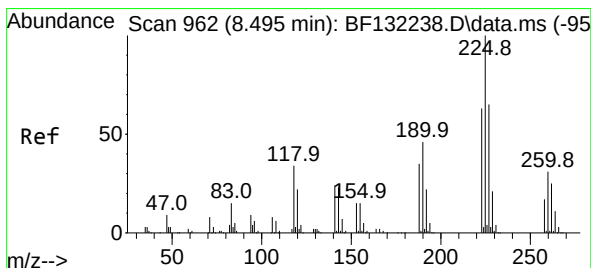
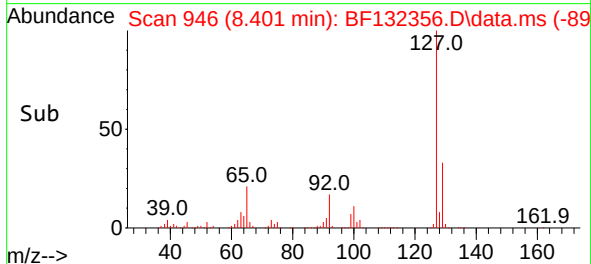
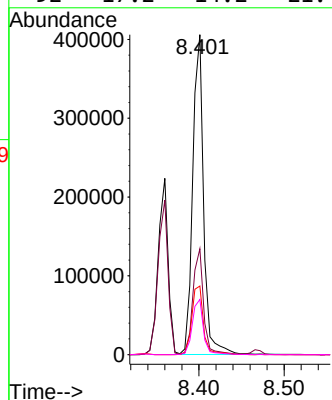
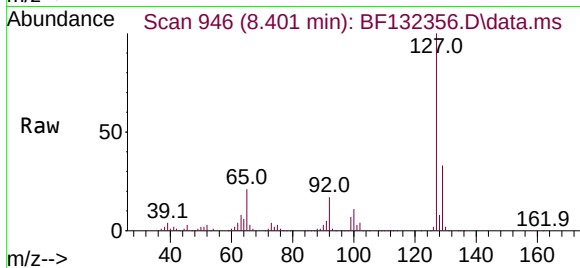
PB150729BS

Tgt Ion:127 Resp: 359768
Ion Ratio Lower Upper
127 100
129 33.1 26.6 39.8
65 21.4 20.2 30.2
92 17.2 14.2 21.4

Manual Integrations

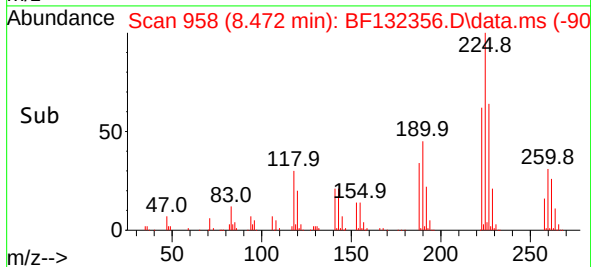
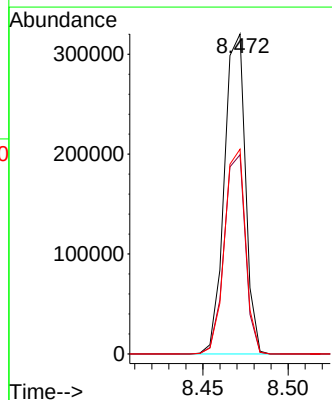
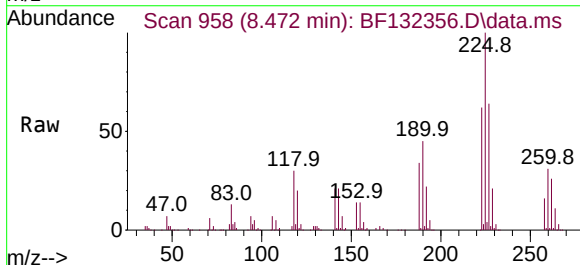
APPROVED

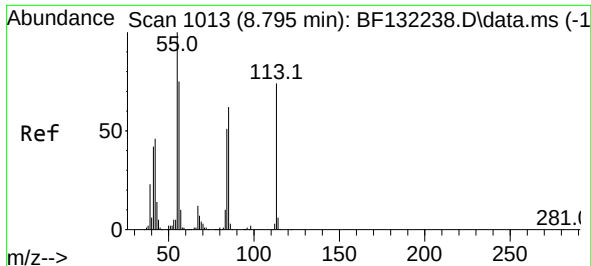
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023



#34
Hexachlorobutadiene
Concen: 45.740 ng
RT: 8.472 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

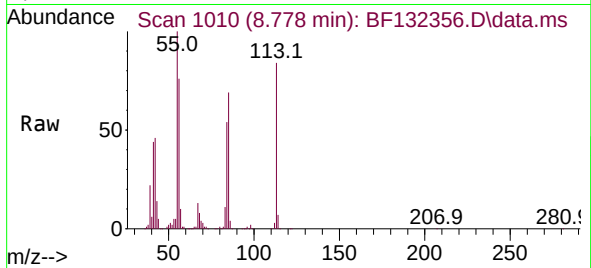
Tgt Ion:225 Resp: 275963
Ion Ratio Lower Upper
225 100
223 62.2 50.6 75.8
227 64.0 51.7 77.5





#35
Caprolactam
Concen: 41.906 ng m
RT: 8.778 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

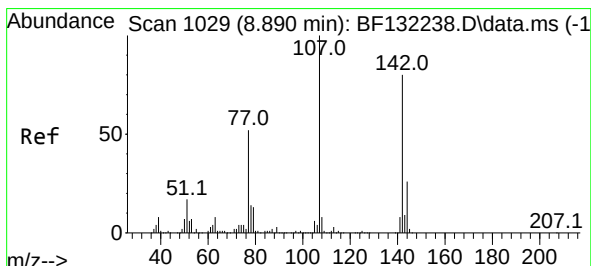
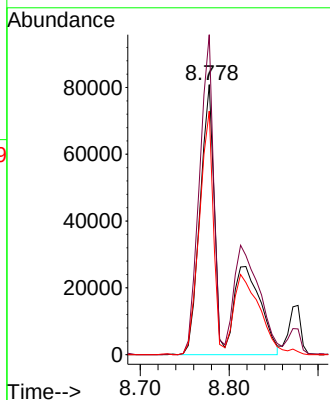
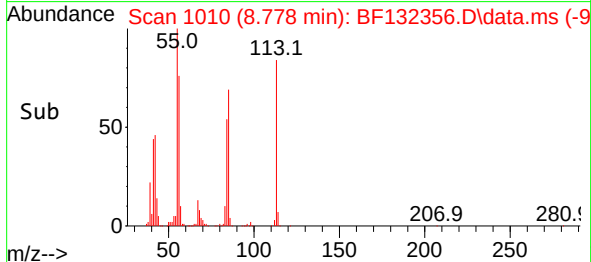
Instrument :
BNA_F
ClientSampleId :
PB150729BS



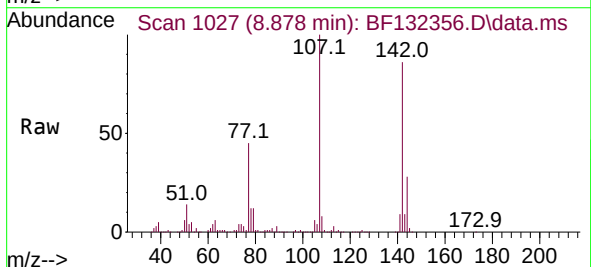
Tgt Ion:113 Resp: 143176
Ion Ratio Lower Upper
113 100
55 118.5 114.7 154.7
56 90.2 81.1 121.1

Manual Integrations
APPROVED

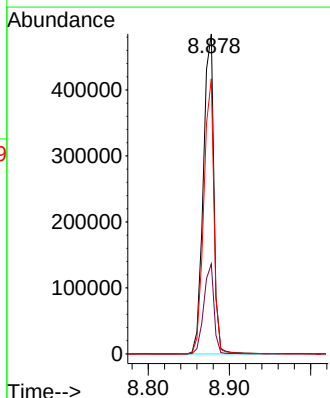
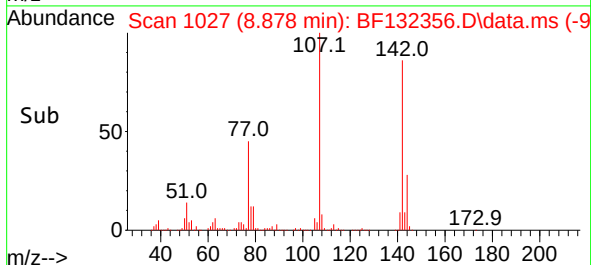
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023

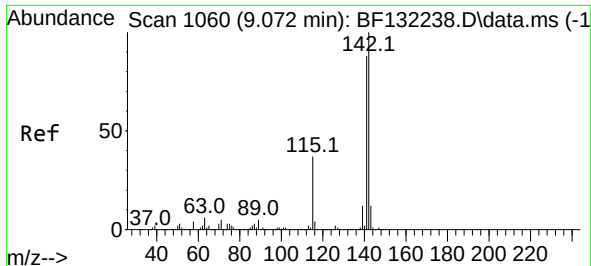


#36
4-Chloro-3-methylphenol
Concen: 40.726 ng
RT: 8.878 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54



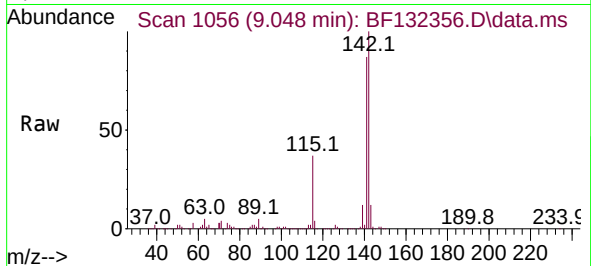
Tgt Ion:107 Resp: 439719
Ion Ratio Lower Upper
107 100
144 28.1 20.5 30.7
142 86.0 63.6 95.4





#37
2-Methylnaphthalene
Concen: 39.271 ng
RT: 9.048 min Scan# 1060
Delta R.T. -0.000 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

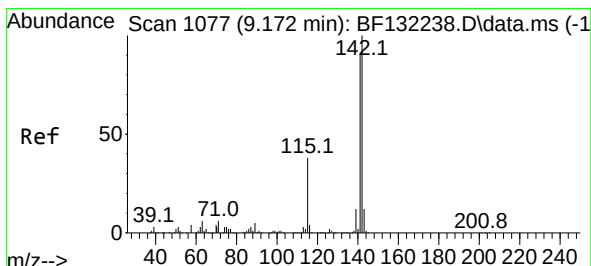
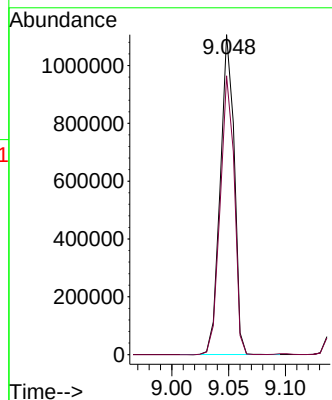
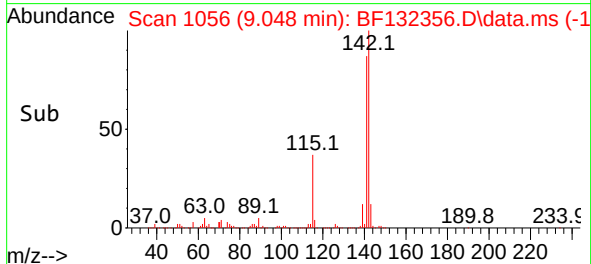
Instrument :
BNA_F
ClientSampleId :
PB150729BS



Tgt Ion:142 Resp: 944288
Ion Ratio Lower Upper
142 100
141 87.1 70.1 105.1

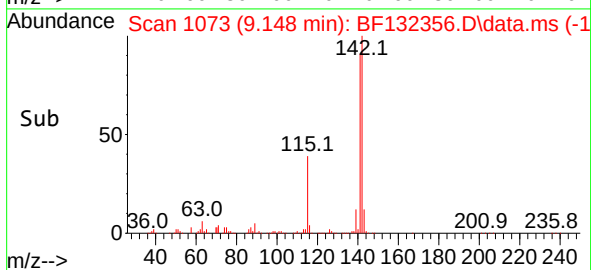
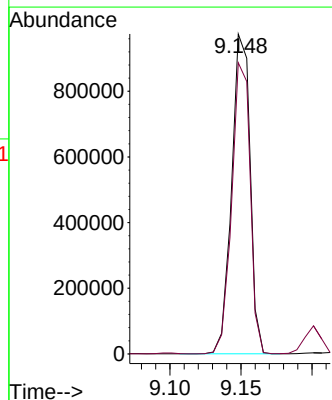
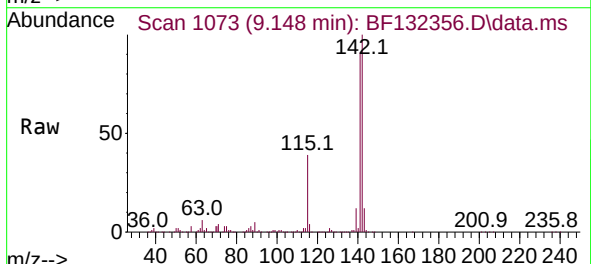
Manual Integrations
APPROVED

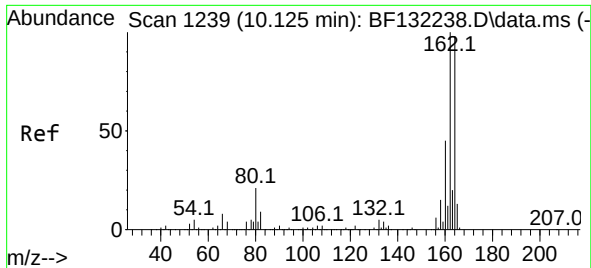
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023



#38
1-Methylnaphthalene
Concen: 39.161 ng
RT: 9.148 min Scan# 1073
Delta R.T. -0.000 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

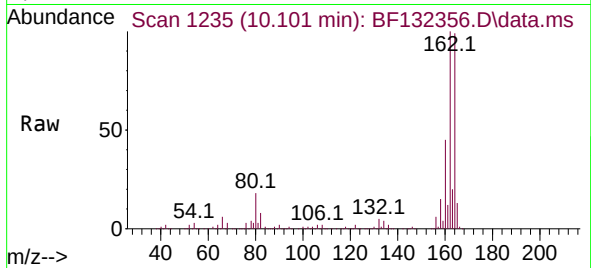
Tgt Ion:142 Resp: 875079
Ion Ratio Lower Upper
142 100
141 91.0 72.6 108.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.101 min Scan# 1235
Delta R.T. -0.000 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

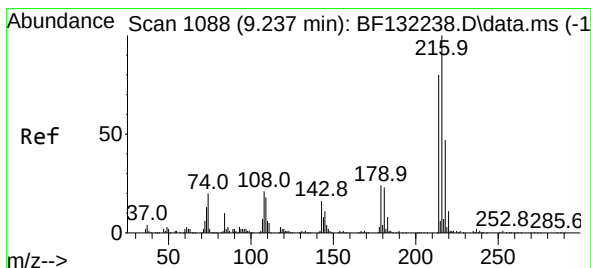
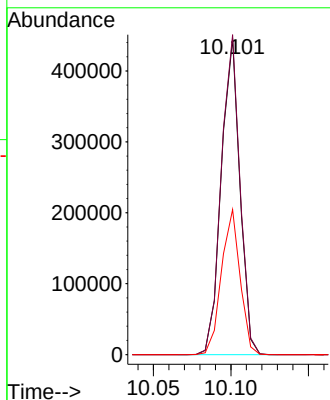
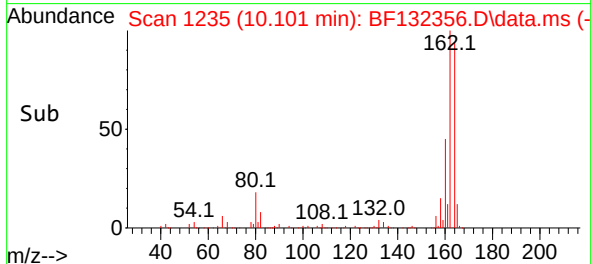
Instrument :
BNA_F
ClientSampleId :
PB150729BS



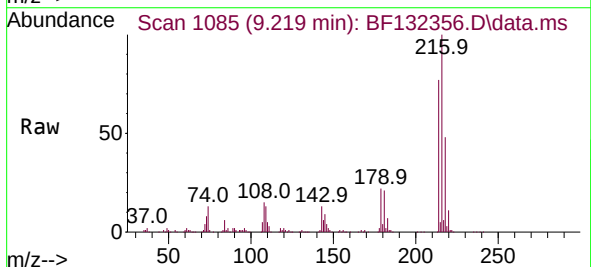
Tgt Ion:164 Resp: 373936
Ion Ratio Lower Upper
164 100
162 101.3 82.0 123.0
160 45.9 37.1 55.7

Manual Integrations
APPROVED

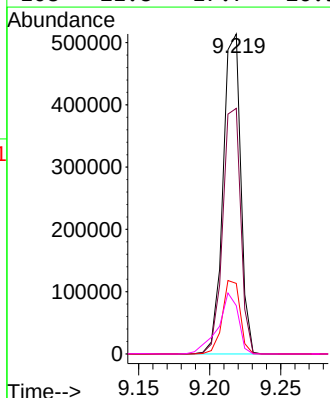
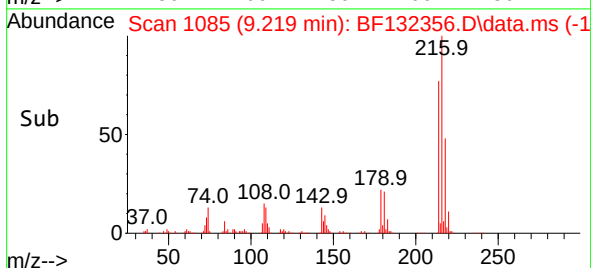
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023

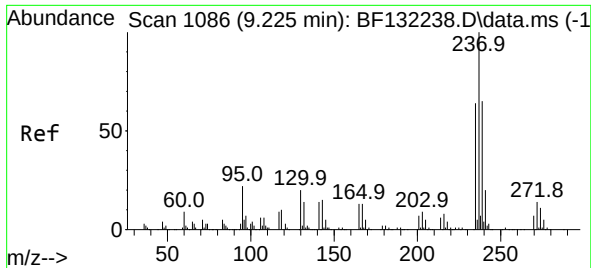


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.189 ng
RT: 9.219 min Scan# 1085
Delta R.T. 0.006 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54



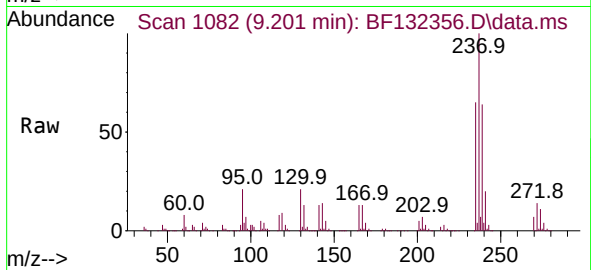
Tgt Ion:216 Resp: 443953
Ion Ratio Lower Upper
216 100
214 78.1 63.6 95.4
179 22.9 18.3 27.5
108 21.8 17.7 26.5





#41
Hexachlorocyclopentadiene
Concen: 87.846 ng
RT: 9.201 min Scan# 1082
Delta R.T. -0.000 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

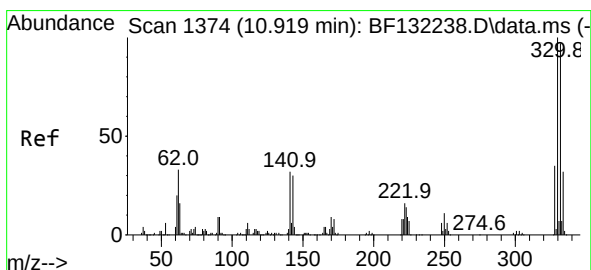
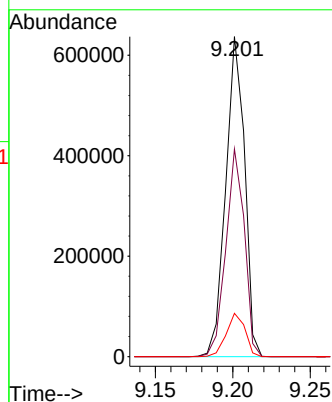
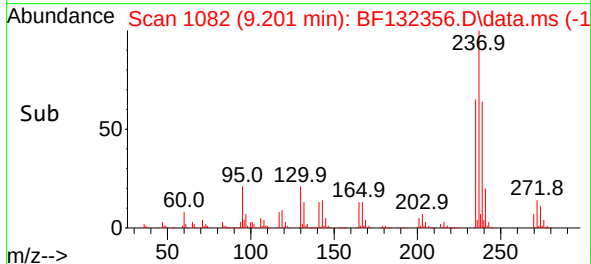
Instrument :
BNA_F
ClientSampleId :
PB150729BS



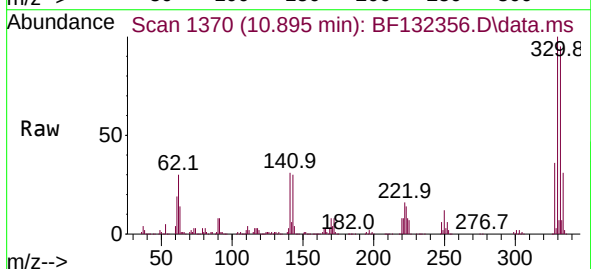
Tgt Ion: 237 Resp: 539324
Ion Ratio Lower Upper
237 100
235 64.9 43.5 83.5
272 13.5 0.0 33.6

Manual Integrations
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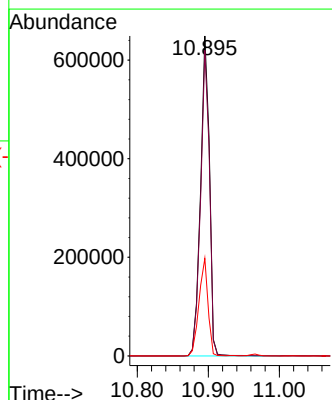
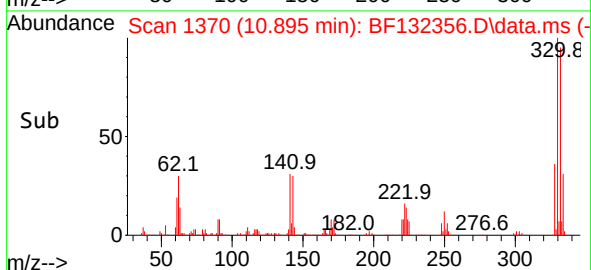
Reviewed By : Christian Giraldo 02/09/2023
Supervised By : Jagrut Upadhyay 02/09/2023

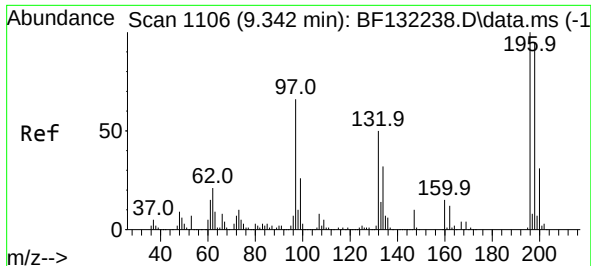


#42
2,4,6-Tribromophenol
Concen: 146.885 ng
RT: 10.895 min Scan# 1370
Delta R.T. -0.000 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54



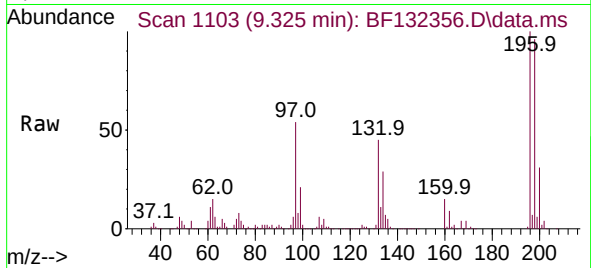
Tgt Ion: 330 Resp: 564833
Ion Ratio Lower Upper
330 100
332 95.2 77.9 116.9
141 31.0 31.0 46.4





#43
2,4,6-Trichlorophenol
Concen: 42.810 ng
RT: 9.325 min Scan# 1106
Delta R.T. -0.000 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

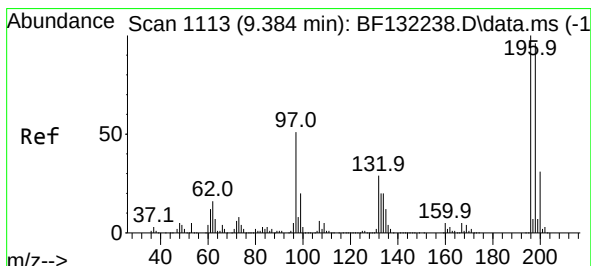
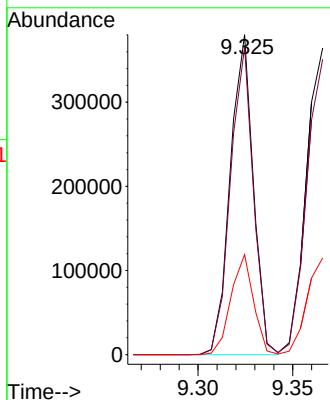
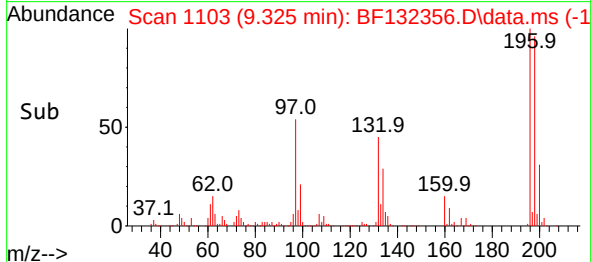
Instrument :
BNA_F
ClientSampleId :
PB150729BS



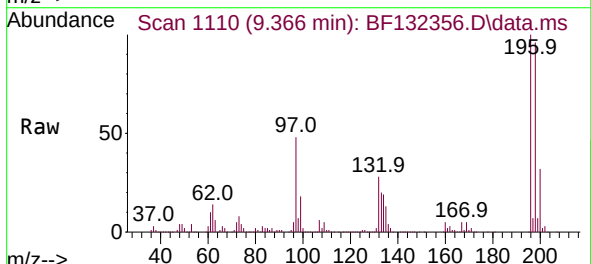
Tgt Ion:196 Resp: 322025
Ion Ratio Lower Upper
196 100
198 96.2 75.9 113.9
200 31.3 24.7 37.1

Manual Integrations
APPROVED

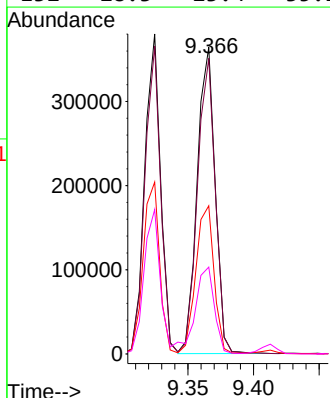
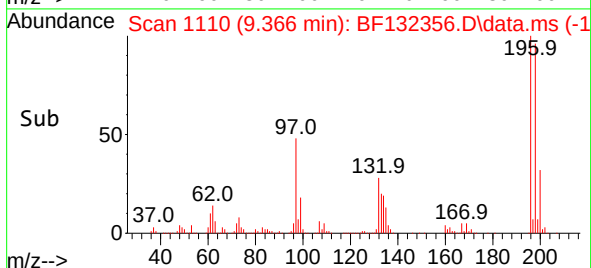
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023

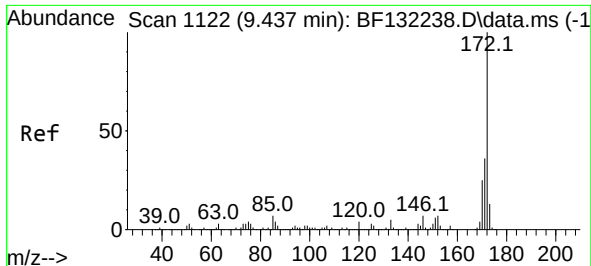


#44
2,4,5-Trichlorophenol
Concen: 40.007 ng
RT: 9.366 min Scan# 1110
Delta R.T. 0.006 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54



Tgt Ion:196 Resp: 346375
Ion Ratio Lower Upper
196 100
198 96.4 77.0 115.4
97 48.3 41.2 61.8
132 28.3 23.4 35.2





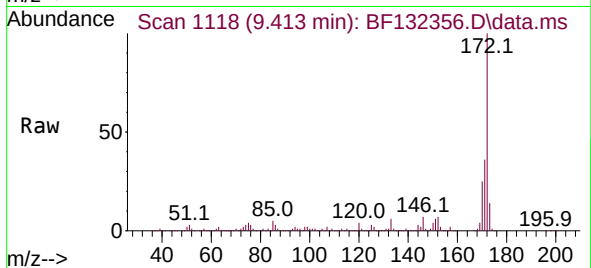
#45
2-Fluorobiphenyl
Concen: 74.956 ng
RT: 9.413 min Scan# 1118
Delta R.T. -0.000 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB150729BS

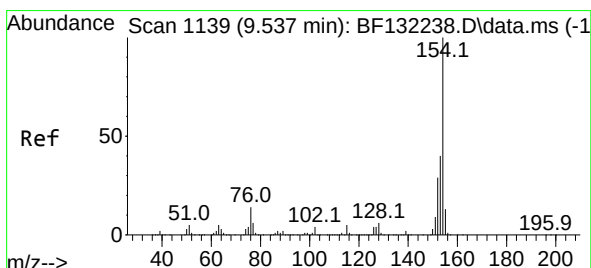
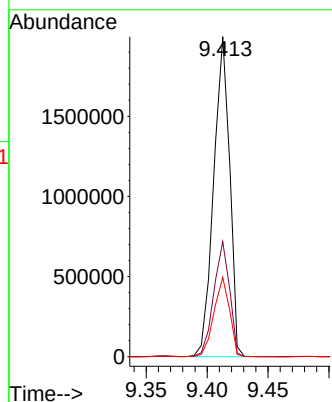
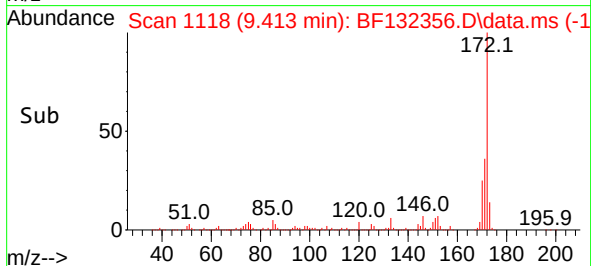


Tgt Ion:172 Resp: 1815042
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 24.7 19.7 29.5

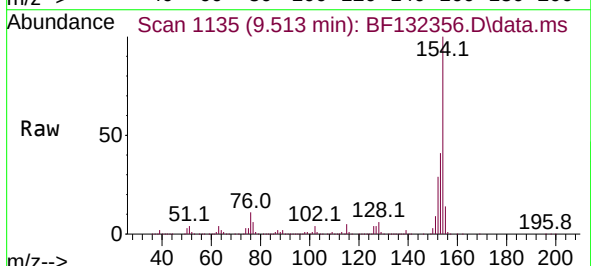
Manual Integrations

APPROVED

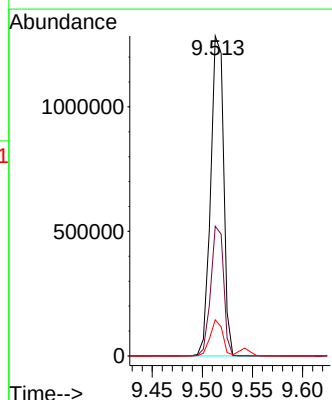
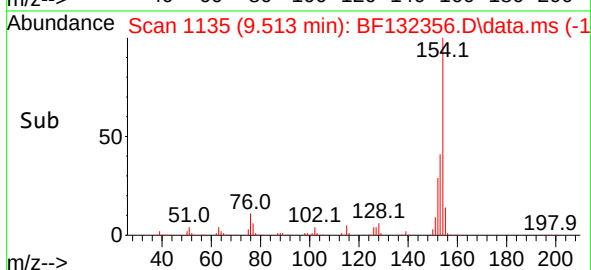
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023

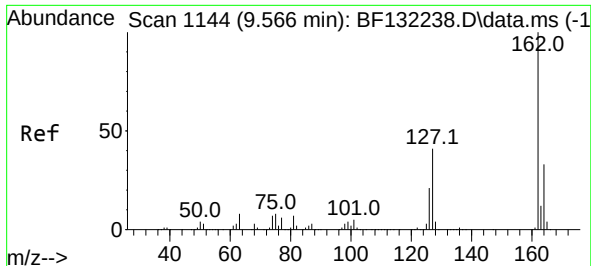


#46
1,1'-Biphenyl
Concen: 39.890 ng
RT: 9.513 min Scan# 1135
Delta R.T. -0.000 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54



Tgt Ion:154 Resp: 1149977
Ion Ratio Lower Upper
154 100
153 40.5 19.9 59.9
76 11.3 0.0 34.0





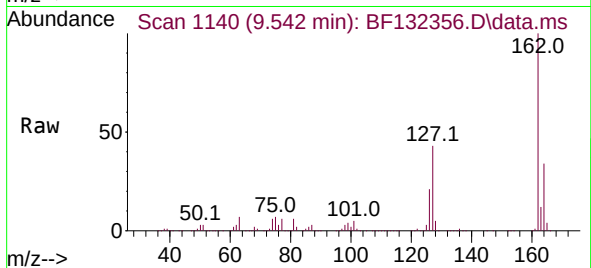
#47
2-Chloronaphthalene
Concen: 40.742 ng
RT: 9.542 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB150729BS

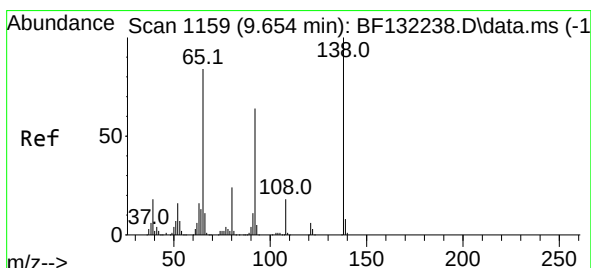
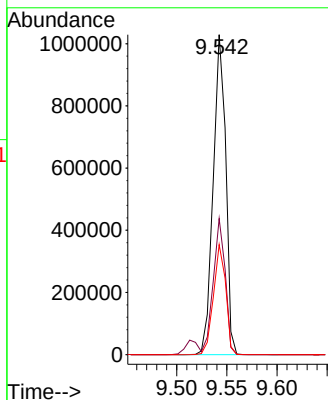
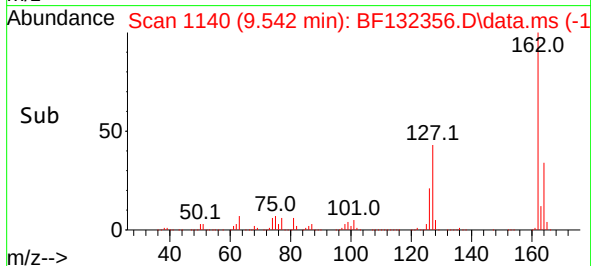


Tgt Ion:162 Resp: 894576
Ion Ratio Lower Upper
162 100
127 42.6 33.3 49.9
164 34.4 26.8 40.2

Manual Integrations

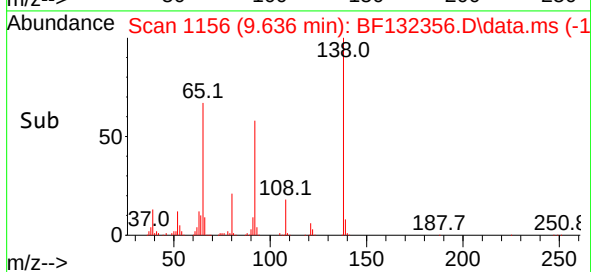
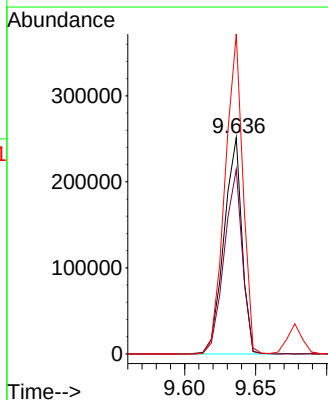
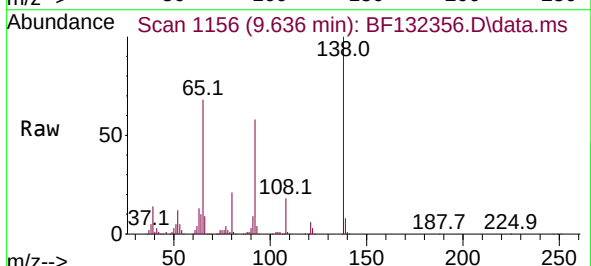
APPROVED

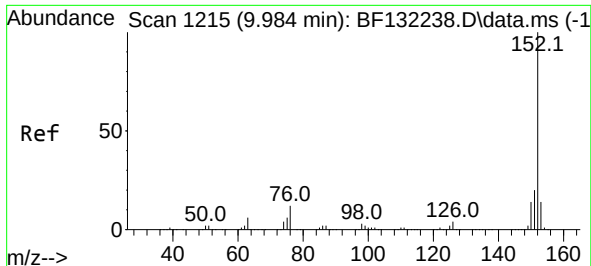
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023



#48
2-Nitroaniline
Concen: 33.956 ng
RT: 9.636 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

Tgt Ion: 65 Resp: 221736
Ion Ratio Lower Upper
65 100
92 85.3 61.0 91.4
138 147.9 95.0 142.4#





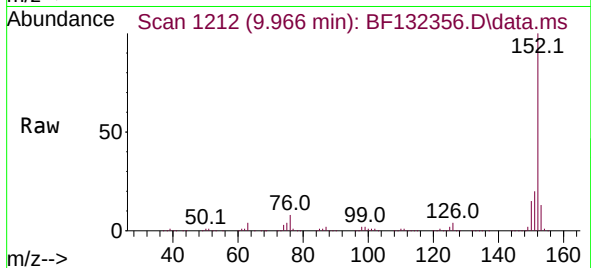
#49
Acenaphthylene
Concen: 38.979 ng
RT: 9.966 min Scan# 1185
Delta R.T. 0.006 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB150729BS

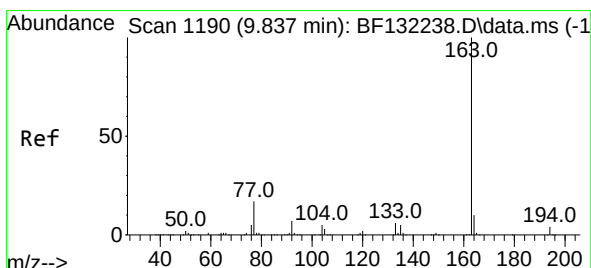
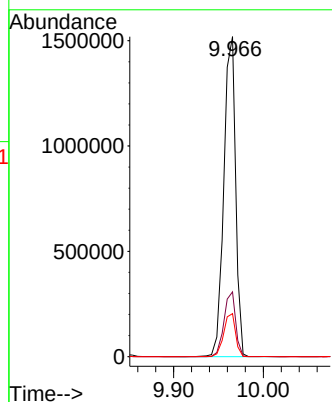
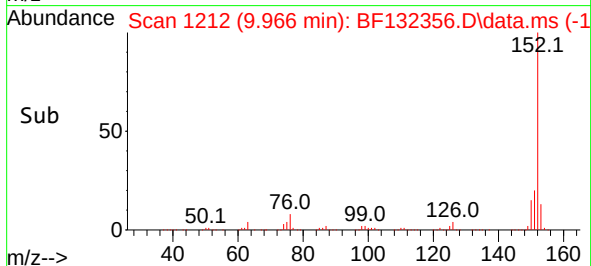


Tgt Ion:152 Resp: 1396835
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.4 10.9 16.3

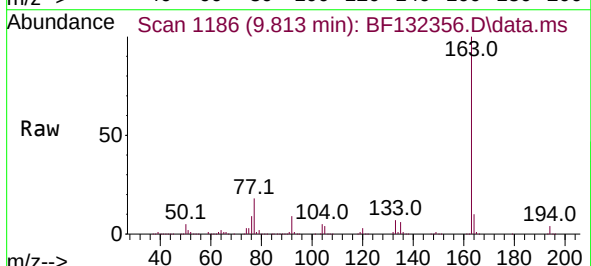
Manual Integrations

APPROVED

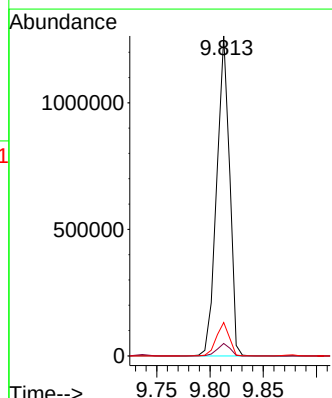
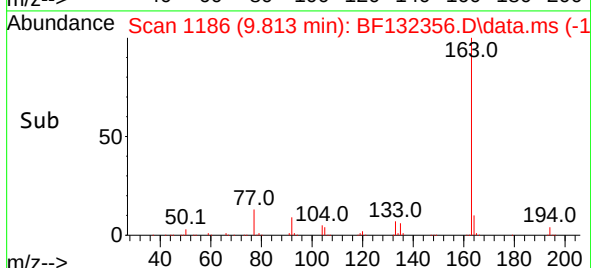
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023

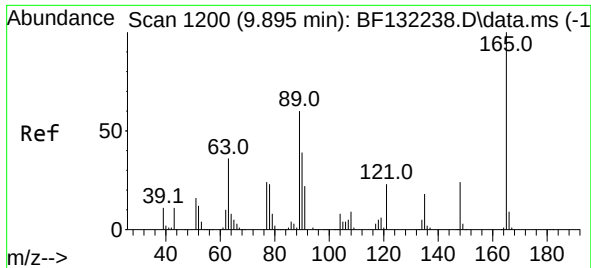


#50
Dimethylphthalate
Concen: 40.651 ng
RT: 9.813 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54



Tgt Ion:163 Resp: 1063320
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.4 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 42.397 ng
RT: 9.878 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

Instrument :

BNA_F

ClientSampleId :

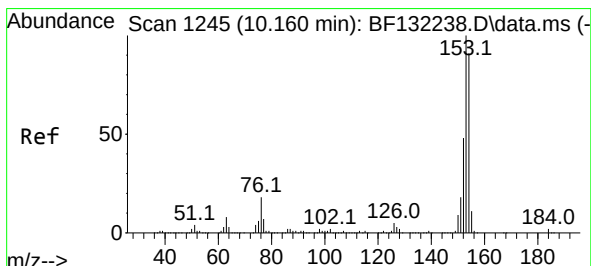
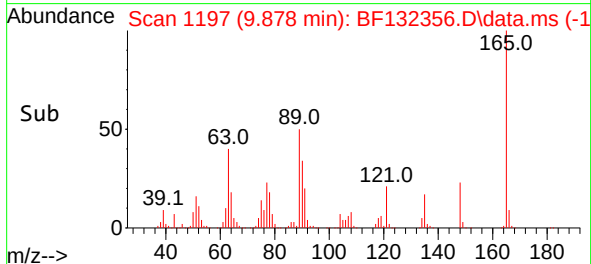
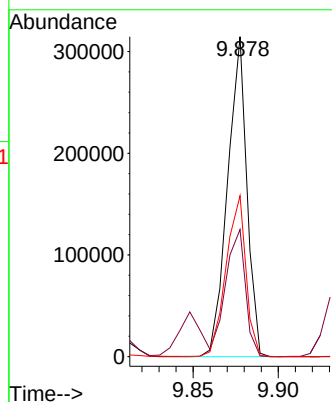
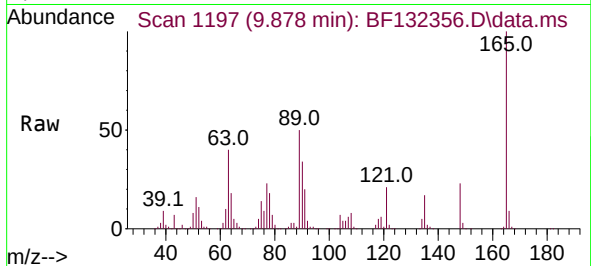
PB150729BS

Tgt Ion:165 Resp: 247678
Ion Ratio Lower Upper
165 100
63 39.7 41.5 62.3
89 50.3 48.1 72.1

Manual Integrations

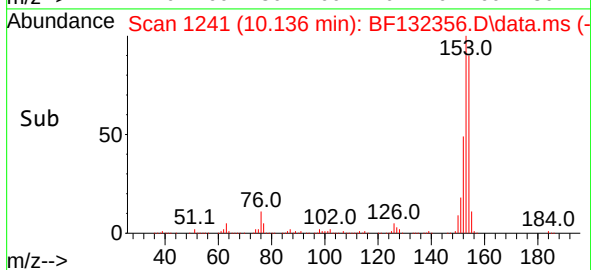
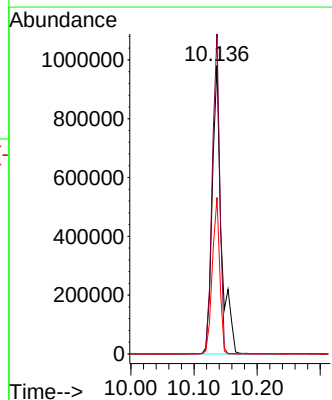
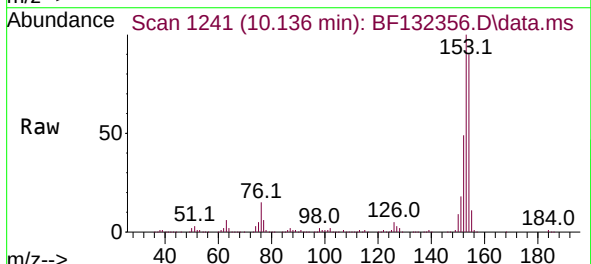
APPROVED

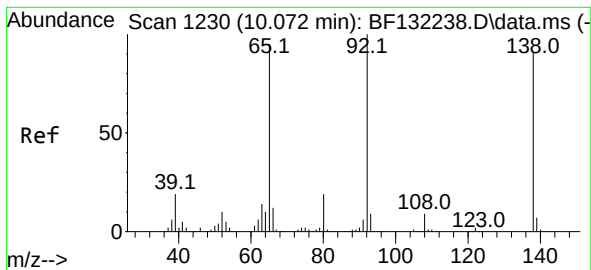
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023



#52
Acenaphthene
Concen: 44.029 ng
RT: 10.136 min Scan# 1241
Delta R.T. -0.000 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

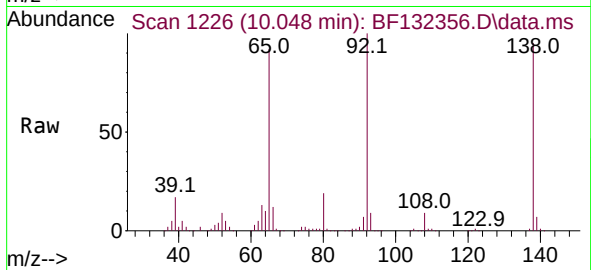
Tgt Ion:154 Resp: 987807
Ion Ratio Lower Upper
154 100
153 110.9 88.3 132.5
152 54.2 42.7 64.1





#53
3-Nitroaniline
Concen: 30.471 ng
RT: 10.048 min Scan# 1226
Delta R.T. -0.000 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

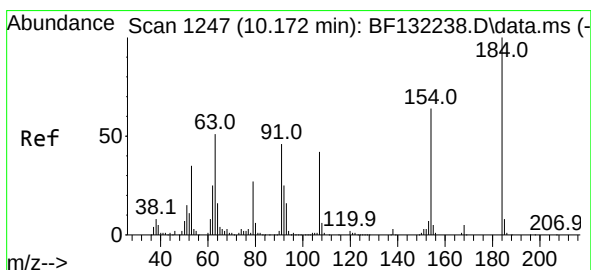
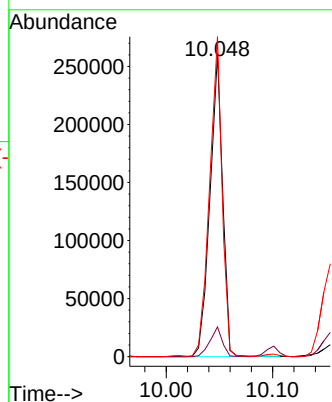
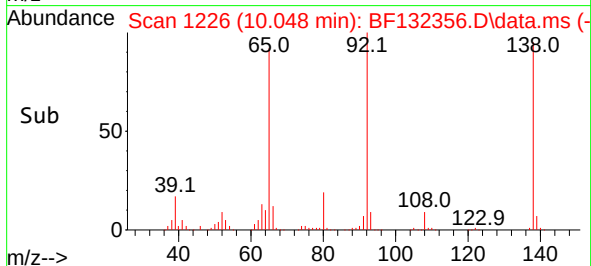
Instrument :
BNA_F
ClientSampleId :
PB150729BS



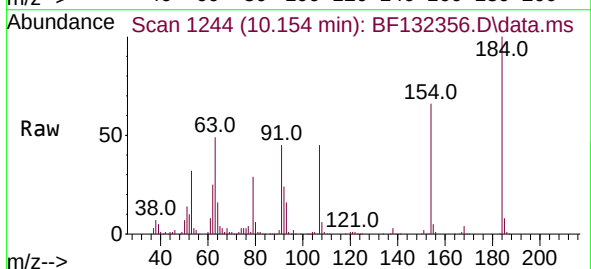
Tgt Ion:138 Resp: 215874
Ion Ratio Lower Upper
138 100
108 9.8 7.6 11.4
92 105.7 88.3 132.5

Manual Integrations
APPROVED

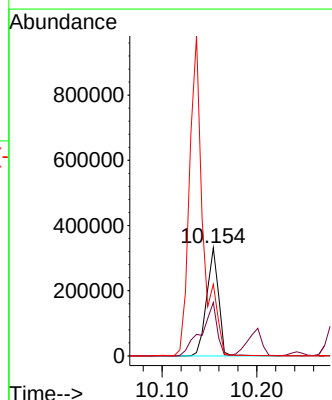
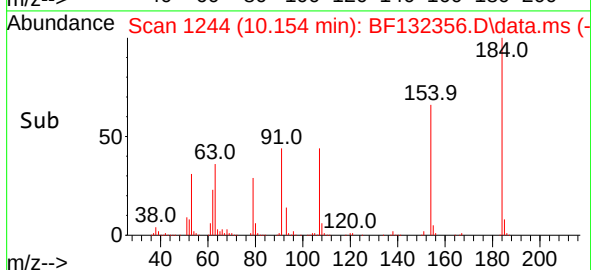
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023

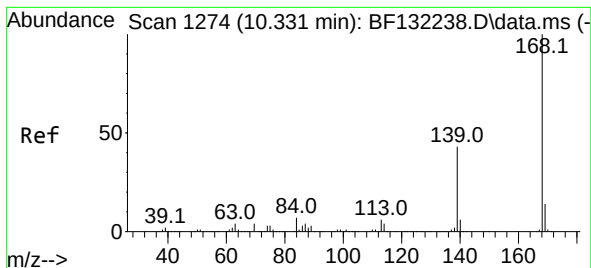


#54
2,4-Dinitrophenol
Concen: 85.708 ng
RT: 10.154 min Scan# 1244
Delta R.T. 0.006 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54



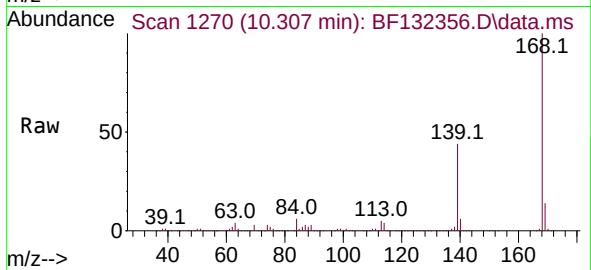
Tgt Ion:184 Resp: 291339
Ion Ratio Lower Upper
184 100
63 49.4 41.6 62.4
154 66.3 57.0 85.6





#55
Dibenzenofuran
Concen: 38.706 ng
RT: 10.307 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

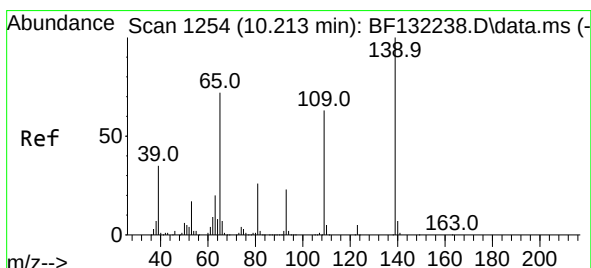
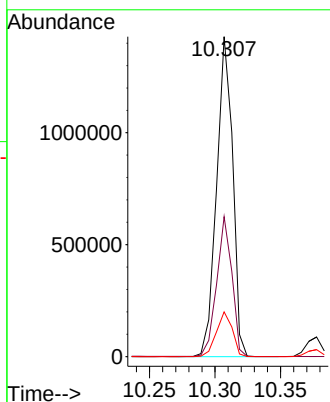
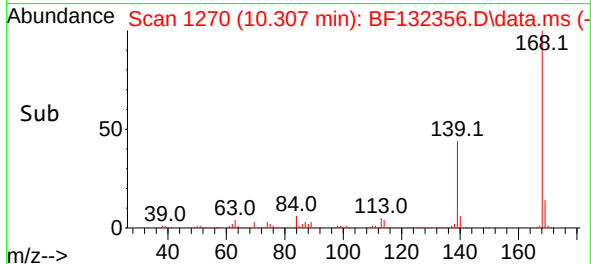
Instrument :
BNA_F
ClientSampleId :
PB150729BS



Tgt Ion:168 Resp: 1220092
Ion Ratio Lower Upper
168 100
139 43.7 34.2 51.4
169 14.0 11.2 16.8

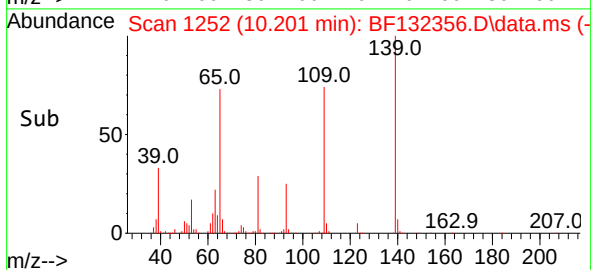
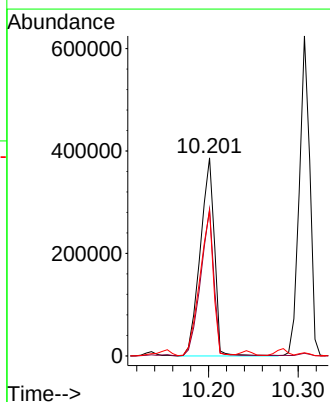
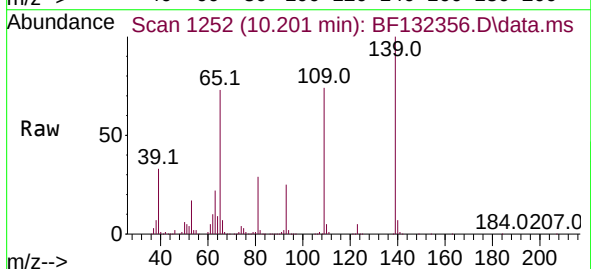
Manual Integrations
APPROVED

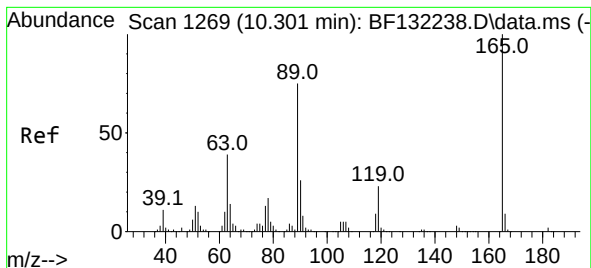
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023



#56
4-Nitrophenol
Concen: 79.640 ng
RT: 10.201 min Scan# 1252
Delta R.T. 0.012 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

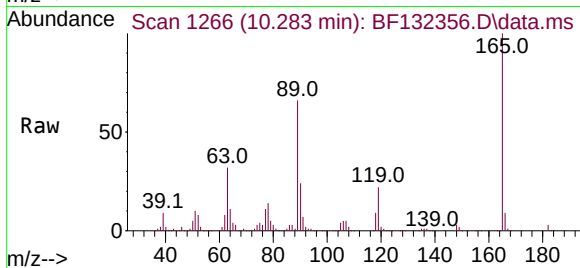
Tgt Ion:139 Resp: 424566
Ion Ratio Lower Upper
139 100
109 74.2 43.3 83.3
65 73.5 52.3 92.3





#57
2,4-Dinitrotoluene
Concen: 43.598 ng
RT: 10.283 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

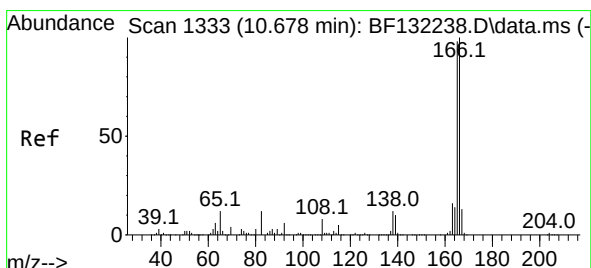
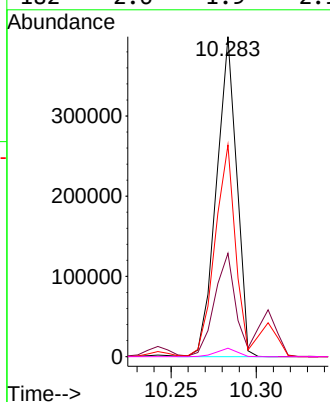
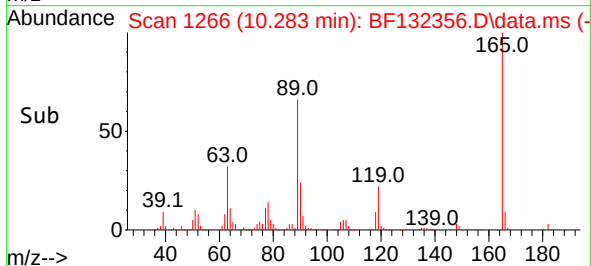
Instrument :
BNA_F
ClientSampleId :
PB150729BS



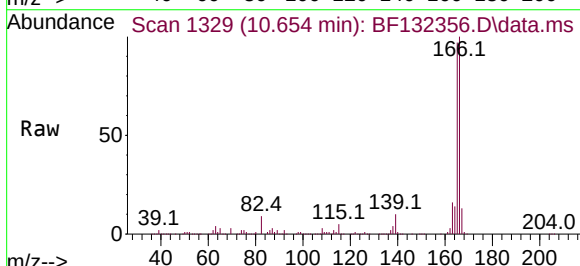
Tgt Ion:165 Resp: 330847
Ion Ratio Lower Upper
165 100
63 32.3 30.9 46.3
89 66.1 60.1 90.1
182 2.6 1.9 2.9

Manual Integrations
APPROVED

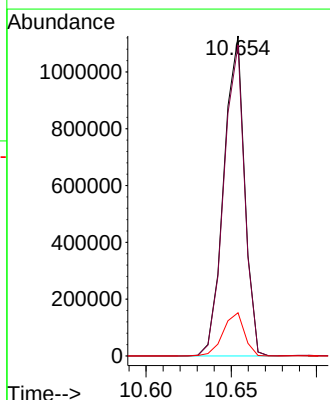
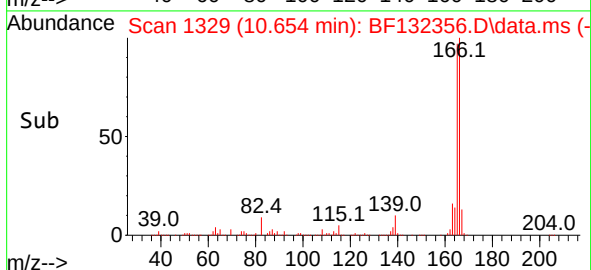
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023

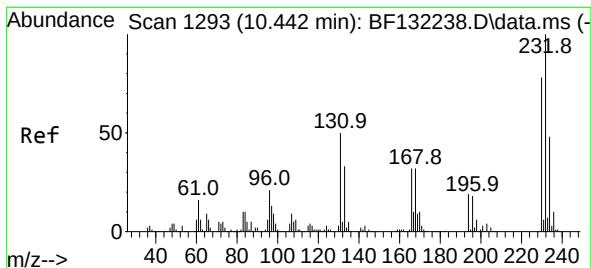


#58
Fluorene
Concen: 39.354 ng
RT: 10.654 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54



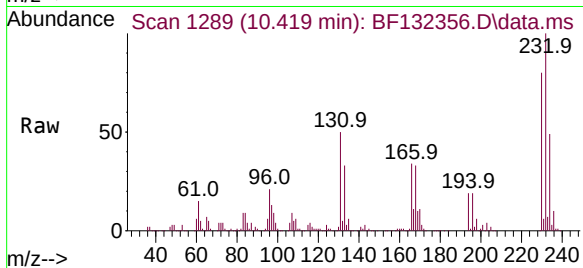
Tgt Ion:166 Resp: 954723
Ion Ratio Lower Upper
166 100
165 97.2 78.0 117.0
167 13.5 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.563 ng
RT: 10.419 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

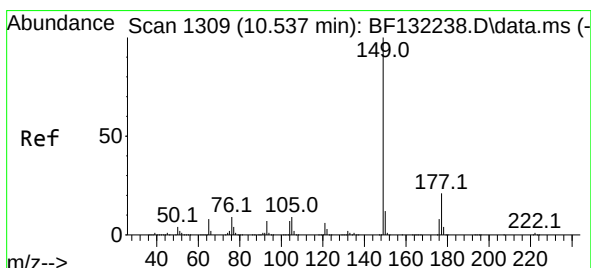
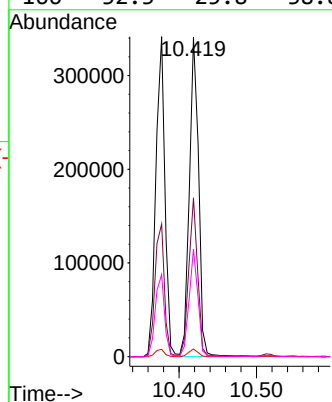
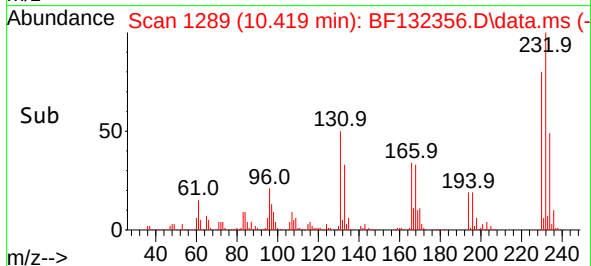
Instrument :
BNA_F
ClientSampleId :
PB150729BS



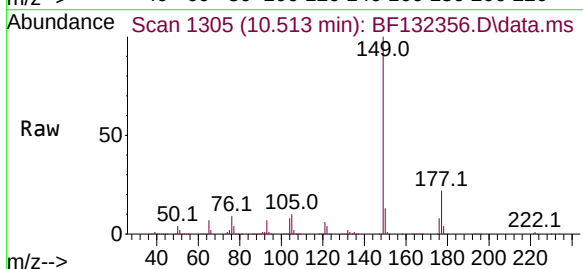
Tgt Ion:232 Resp: 281271
Ion Ratio Lower Upper
232 100
131 47.8 40.6 61.0
130 2.4 1.9 2.9
166 32.3 25.8 38.8

Manual Integrations
APPROVED

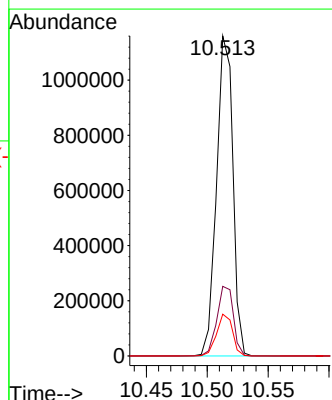
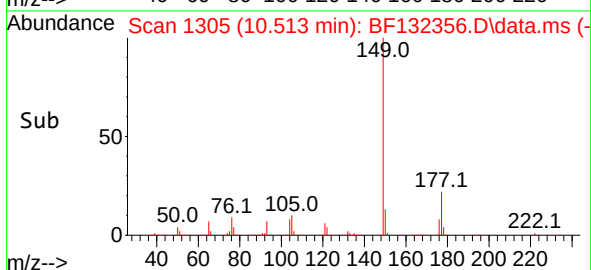
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023

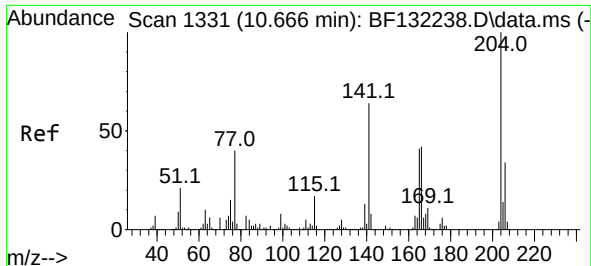


#60
Diethylphthalate
Concen: 41.623 ng
RT: 10.513 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54



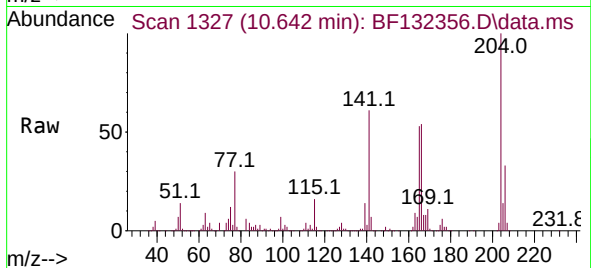
Tgt Ion:149 Resp: 1083077
Ion Ratio Lower Upper
149 100
177 21.7 17.1 25.7
150 13.0 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 41.113 ng
RT: 10.642 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

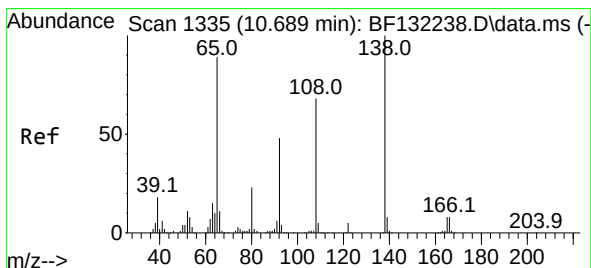
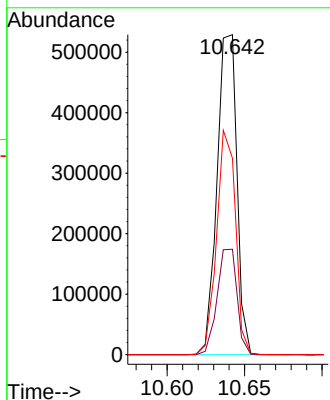
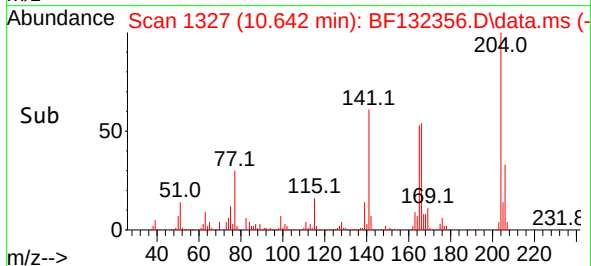
Instrument :
BNA_F
ClientSampleId :
PB150729BS



Tgt Ion:204 Resp: 47333
Ion Ratio Lower Upper
204 100
206 32.9 26.8 40.2
141 61.4 51.4 77.0

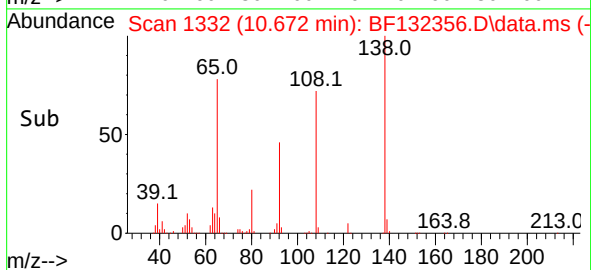
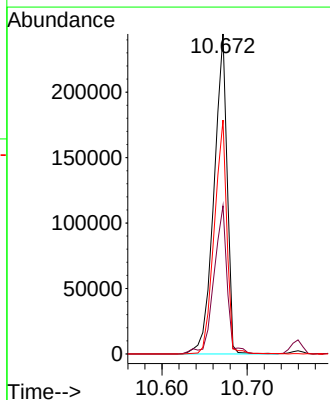
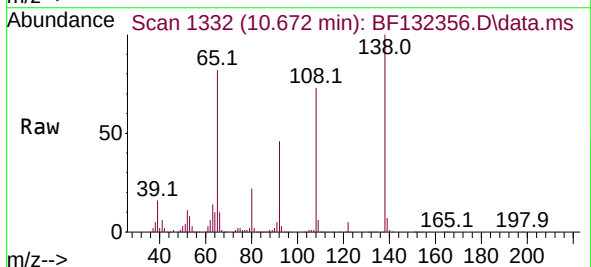
Manual Integrations
APPROVED

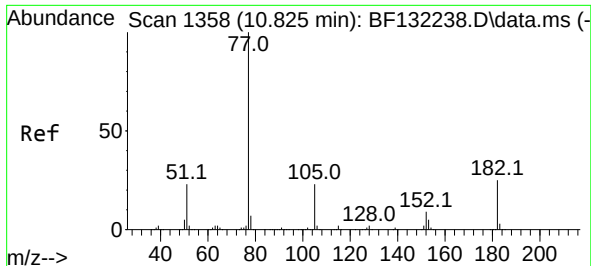
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023



#62
4-Nitroaniline
Concen: 38.625 ng
RT: 10.672 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

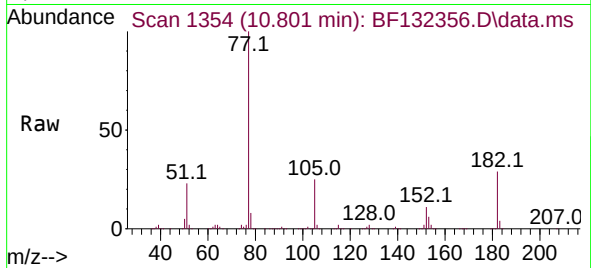
Tgt Ion:138 Resp: 262402
Ion Ratio Lower Upper
138 100
92 46.3 27.7 67.7
108 73.1 48.5 88.5





#63
Azobenzene
Concen: 34.821 ng
RT: 10.801 min Scan# 1358
Delta R.T. -0.000 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

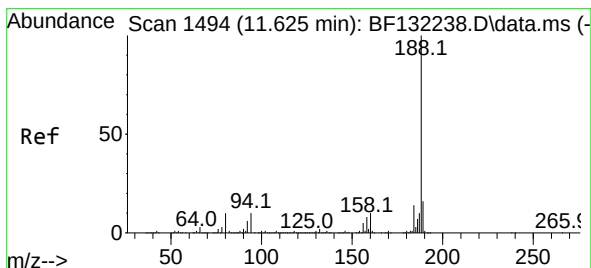
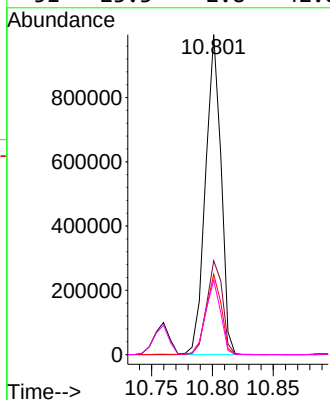
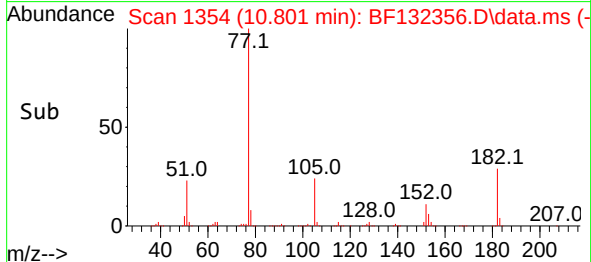
Instrument :
BNA_F
ClientSampleId :
PB150729BS



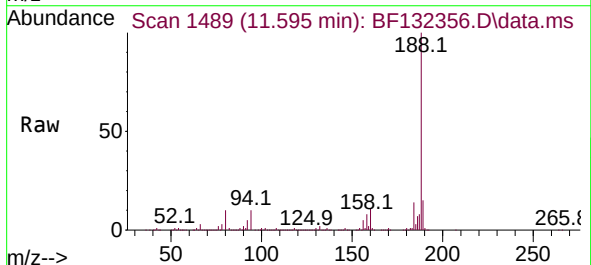
Tgt Ion: 77 Resp: 882594
Ion Ratio Lower Upper
77 100
182 29.3 4.5 44.5
105 25.1 2.7 42.7
51 23.3 2.8 42.8

Manual Integrations
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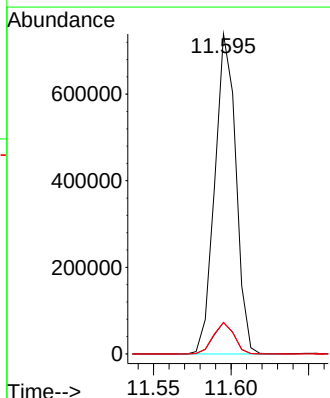
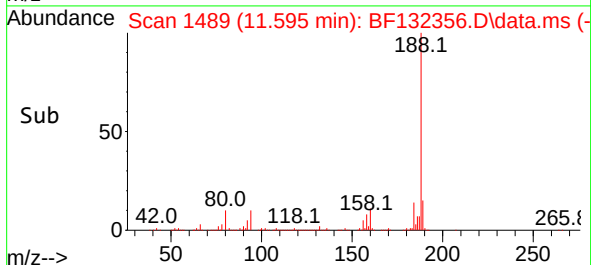
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023

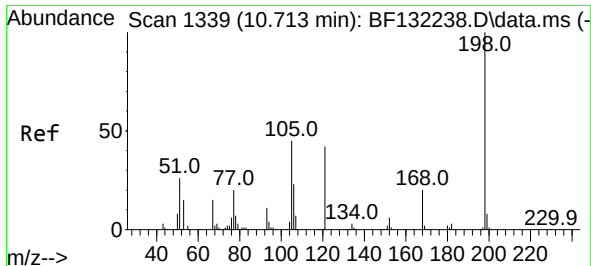


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.595 min Scan# 1489
Delta R.T. -0.000 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54



Tgt Ion:188 Resp: 700059
Ion Ratio Lower Upper
188 100
94 9.8 8.2 12.2
80 9.8 8.3 12.5





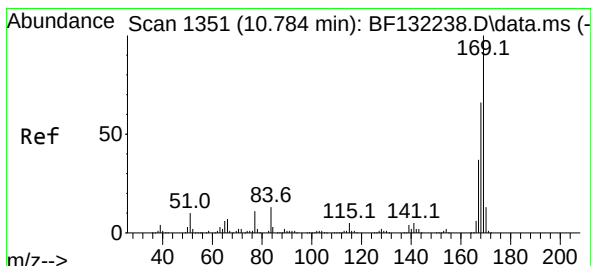
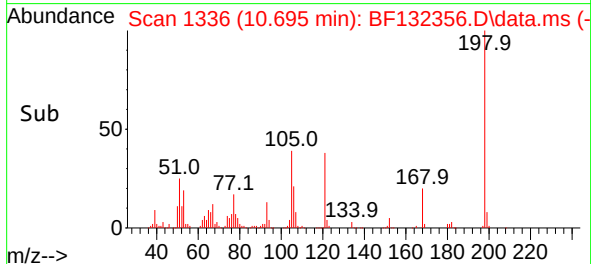
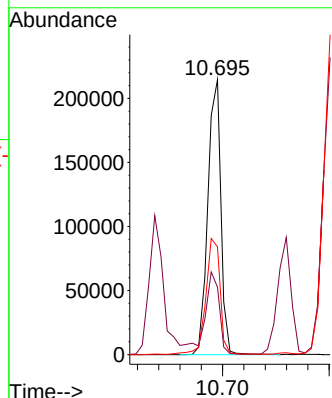
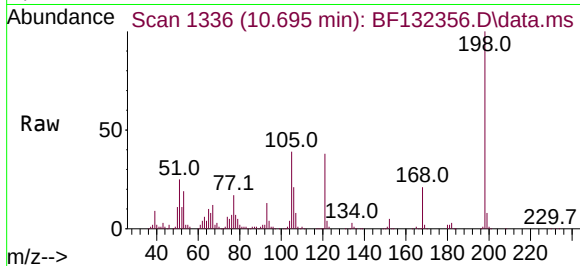
#65
4,6-Dinitro-2-methylphenol
Concen: 45.739 ng
RT: 10.695 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

Instrument :
BNA_F
ClientSampleId :
PB150729BS

Tgt Ion:198 Resp: 181734
Ion Ratio Lower Upper
198 100
51 24.6 13.1 53.1
105 39.2 26.0 66.0

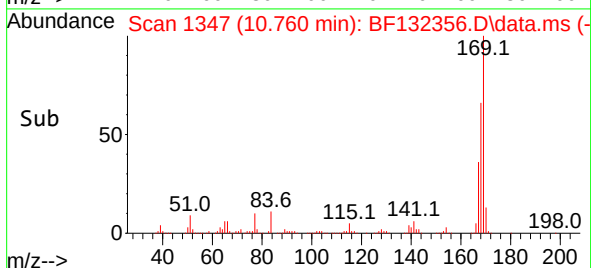
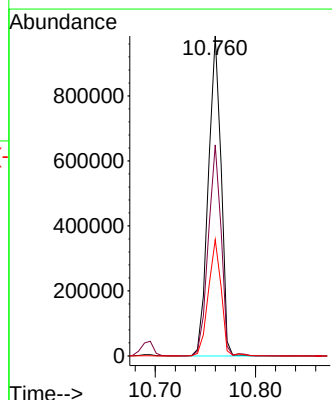
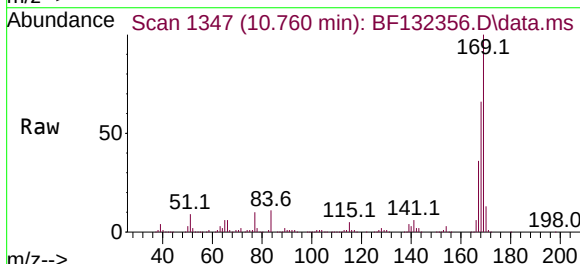
Manual Integrations
APPROVED

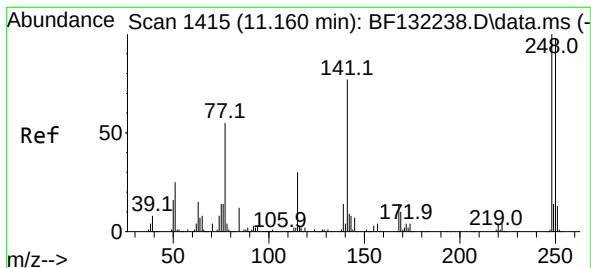
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023



#66
n-Nitrosodiphenylamine
Concen: 39.378 ng
RT: 10.760 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

Tgt Ion:169 Resp: 863212
Ion Ratio Lower Upper
169 100
168 65.9 52.6 79.0
167 36.3 29.5 44.3





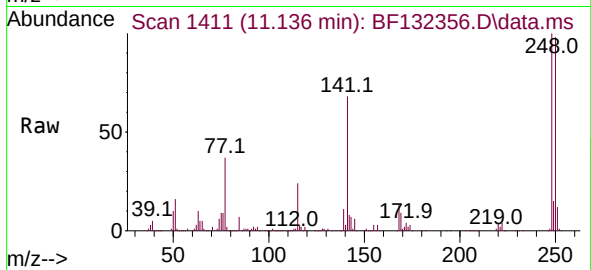
#67
4-Bromophenyl-phenylether
Concen: 42.785 ng
RT: 11.136 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB150729BS

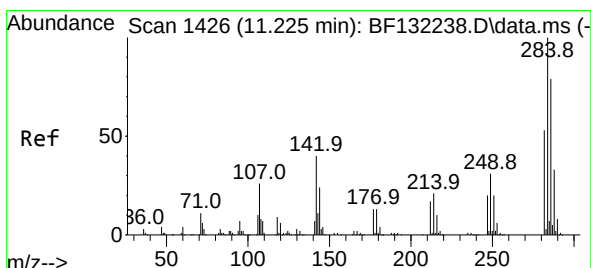
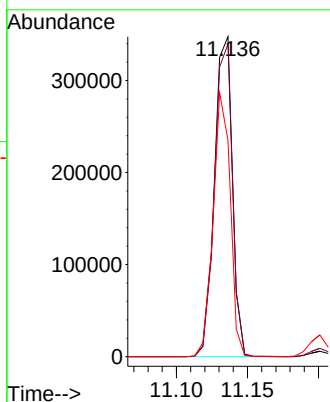
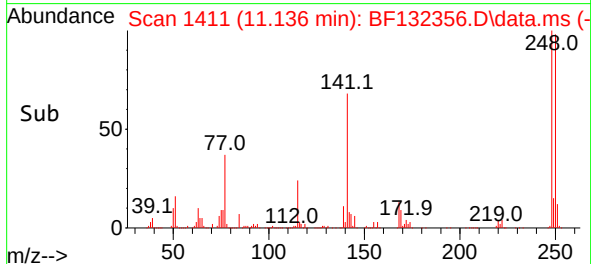


Tgt Ion:248 Resp: 306710
Ion Ratio Lower Upper
248 100
250 97.6 78.6 117.8
141 67.6 61.6 92.4

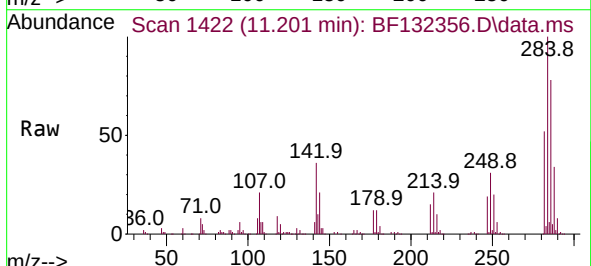
Manual Integrations

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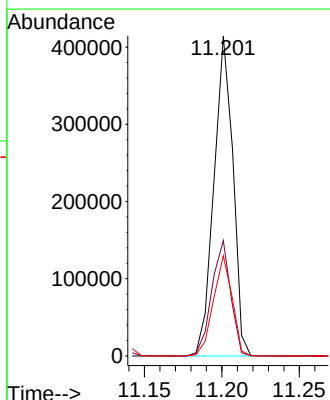
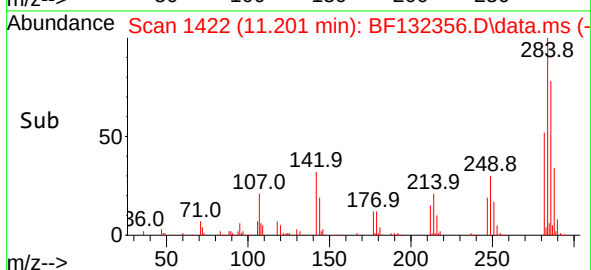
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023

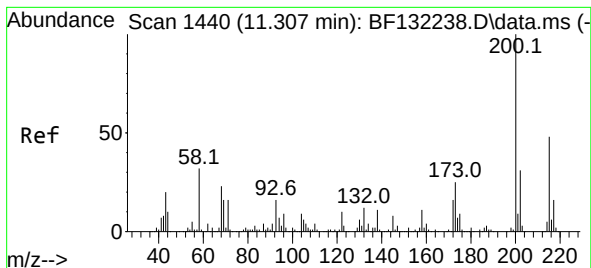


#68
Hexachlorobenzene
Concen: 46.129 ng
RT: 11.201 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54



Tgt Ion:284 Resp: 353444
Ion Ratio Lower Upper
284 100
142 36.1 32.2 48.4
249 31.3 25.0 37.6





#69

Atrazine

Concen: 47.231 ng

RT: 11.283 min Scan# 1436

Delta R.T. -0.000 min

Lab File: BF132356.D

Acq: 08 Feb 2023 13:54

Instrument :

BNA_F

ClientSampleId :

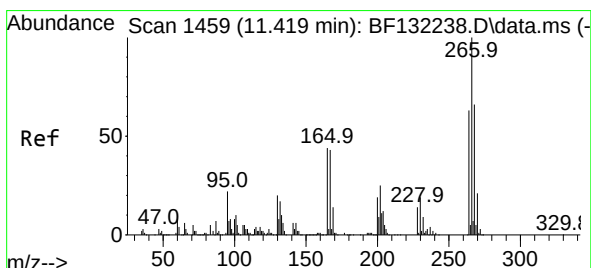
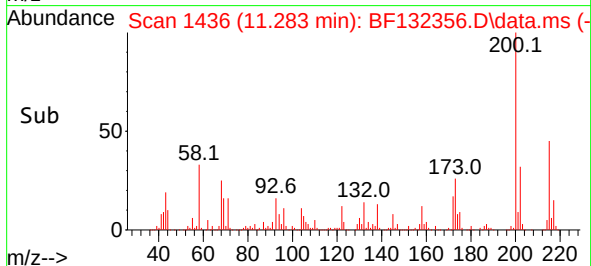
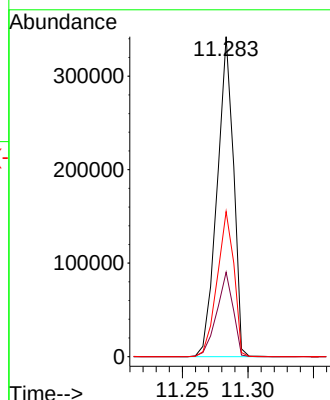
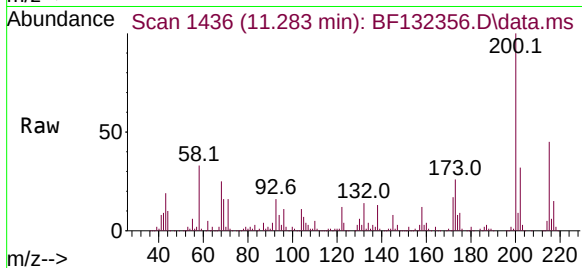
PB150729BS

Tgt Ion:200 Resp: 297807
 Ion Ratio Lower Upper
 200 100
 173 26.4 5.1 45.1
 215 45.3 27.6 67.6

Manual Integrations

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Reviewed By :Christian Giraldo 02/09/2023
 Supervised By :Jagrut Upadhyay 02/09/2023



#70

Pentachlorophenol

Concen: 76.596 ng

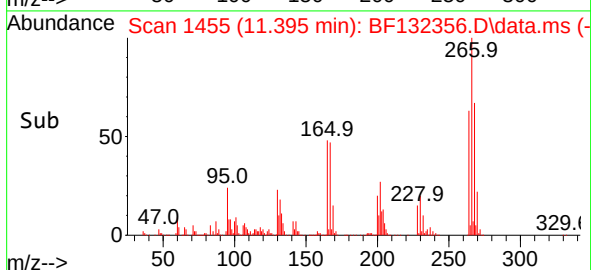
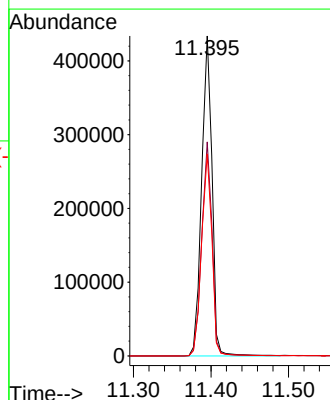
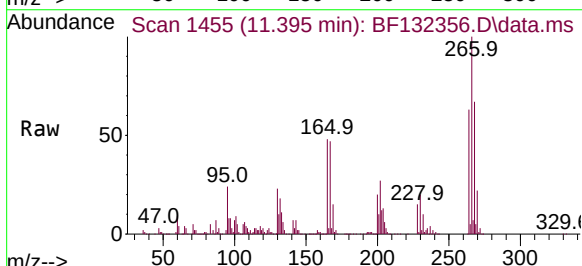
RT: 11.395 min Scan# 1455

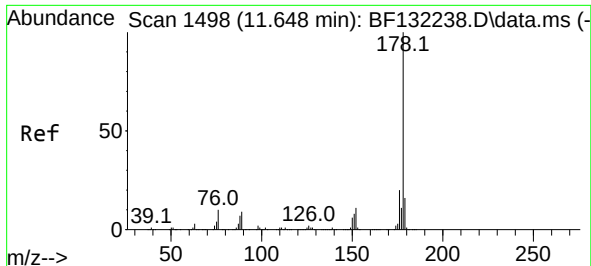
Delta R.T. 0.006 min

Lab File: BF132356.D

Acq: 08 Feb 2023 13:54

Tgt Ion:266 Resp: 403242
 Ion Ratio Lower Upper
 266 100
 268 66.9 53.0 79.4
 264 63.1 50.5 75.7





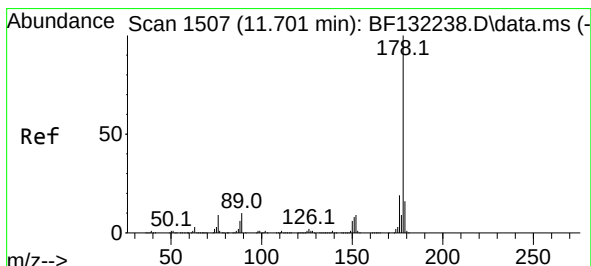
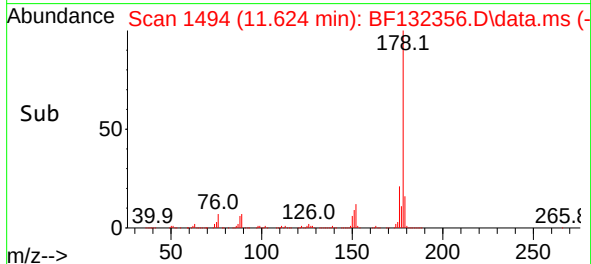
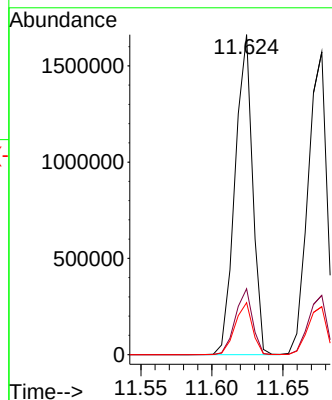
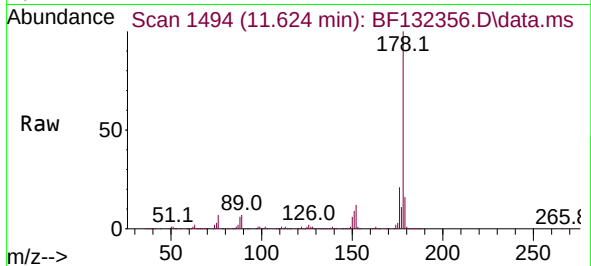
#71
Phenanthrene
Concen: 38.956 ng
RT: 11.624 min Scan# 1498
Delta R.T. 0.006 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

Instrument :
BNA_F
ClientSampleId :
PB150729BS

Tgt Ion:178 Resp: 1425100
Ion Ratio Lower Upper
178 100
176 20.6 16.2 24.4
179 16.2 12.8 19.2

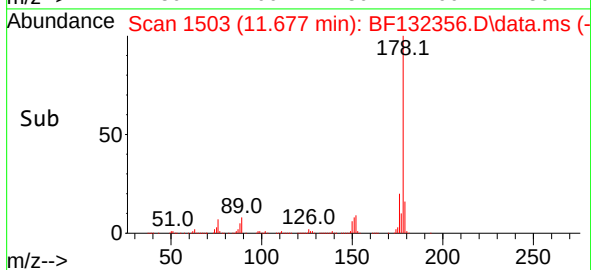
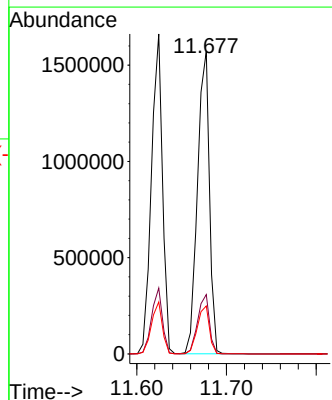
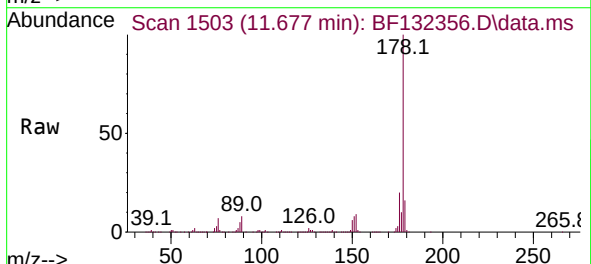
Manual Integrations
APPROVED

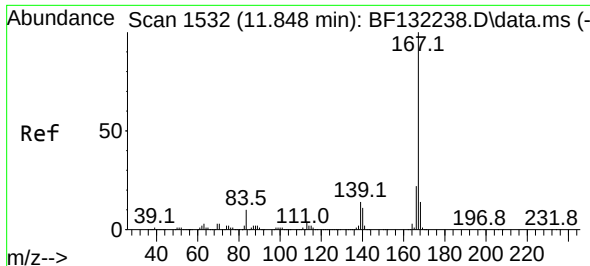
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023



#72
Anthracene
Concen: 39.031 ng
RT: 11.677 min Scan# 1503
Delta R.T. 0.006 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

Tgt Ion:178 Resp: 1453088
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 15.9 12.8 19.2





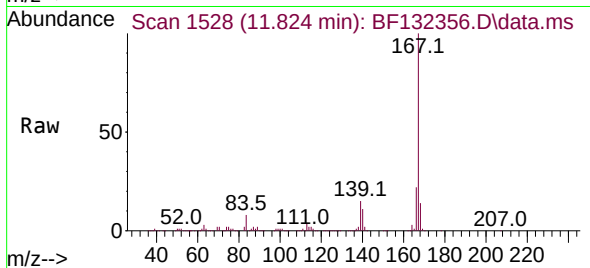
#73
 Carbazole
 Concen: 38.587 ng
 RT: 11.824 min Scan# 1528
 Delta R.T. -0.000 min
 Lab File: BF132356.D
 Acq: 08 Feb 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB150729BS

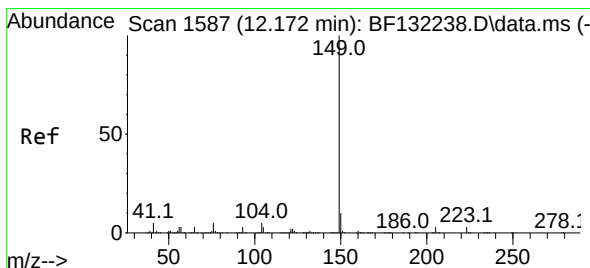
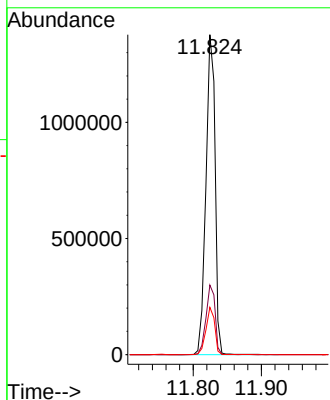
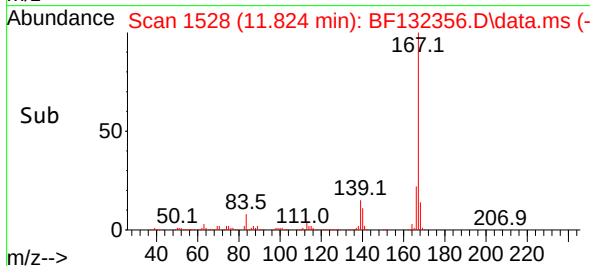


Tgt Ion:167 Resp: 1288076
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 14.8 11.4 17.2

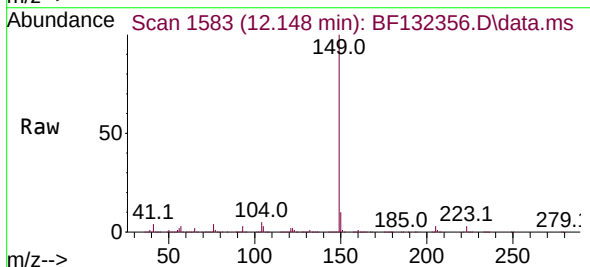
Manual Integrations

APPROVED

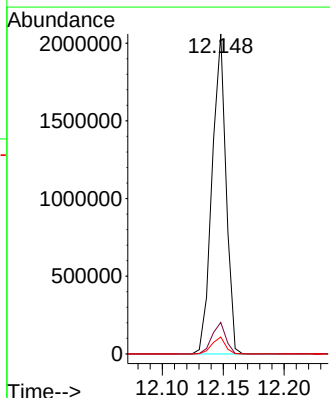
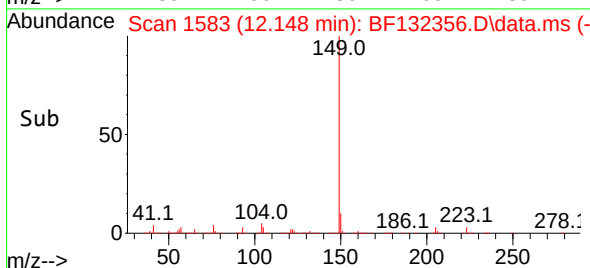
Reviewed By :Christian Giraldo 02/09/2023
 Supervised By :Jagrut Upadhyay 02/09/2023

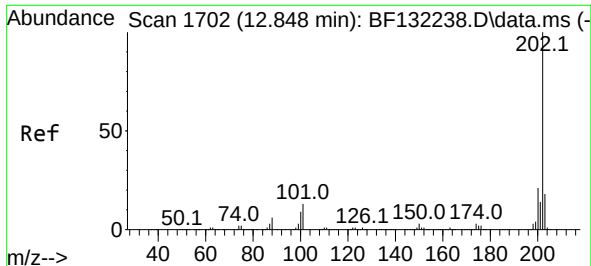


#74
 Di-n-butylphthalate
 Concen: 41.579 ng
 RT: 12.148 min Scan# 1583
 Delta R.T. -0.000 min
 Lab File: BF132356.D
 Acq: 08 Feb 2023 13:54



Tgt Ion:149 Resp: 1640900
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.8
 104 5.3 4.3 6.5





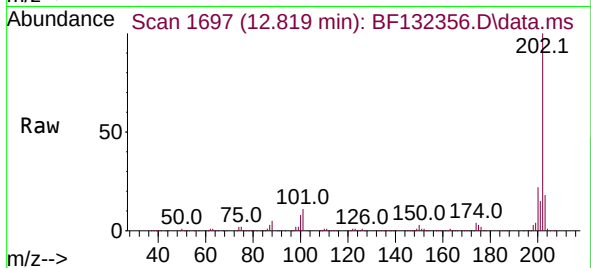
#75
Fluoranthene
Concen: 39.220 ng
RT: 12.819 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB150729BS

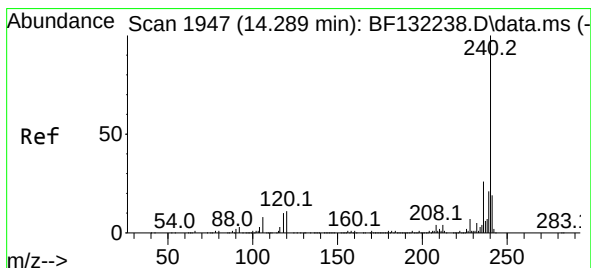
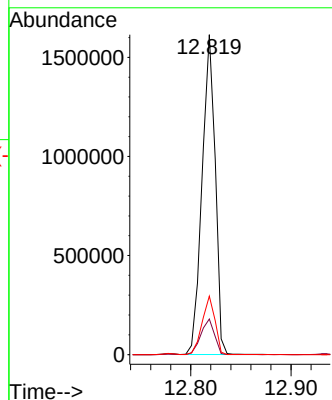
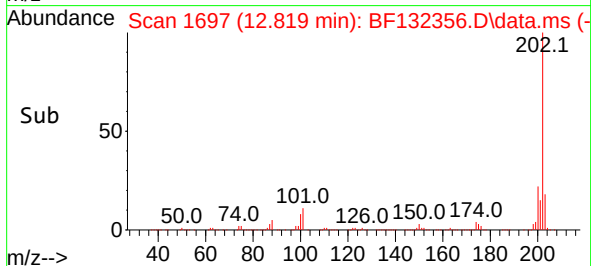


Tgt Ion:202 Resp: 1464136
Ion Ratio Lower Upper
202 100
101 11.2 0.0 32.7
203 18.3 0.0 37.9

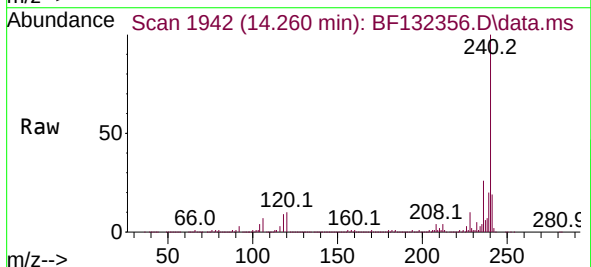
Manual Integrations

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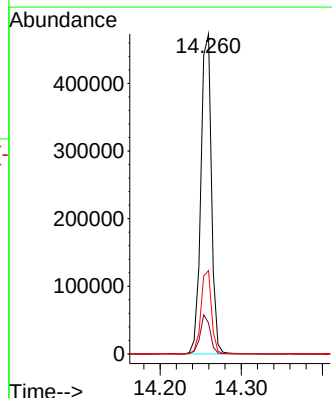
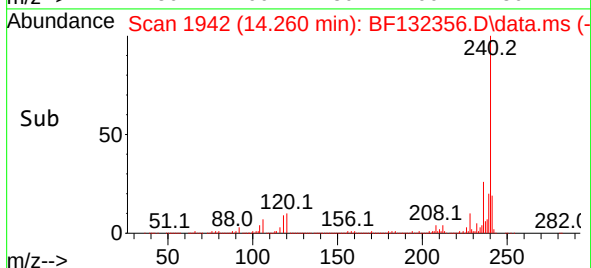
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023

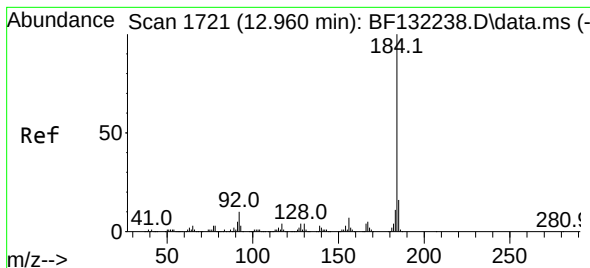


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.260 min Scan# 1942
Delta R.T. 0.006 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54



Tgt Ion:240 Resp: 426395
Ion Ratio Lower Upper
240 100
120 9.7 8.8 13.2
236 26.0 21.0 31.6





#77

Benzidine

Concen: 35.478 ng

RT: 12.936 min Scan# 1717

Delta R.T. 0.006 min

Lab File: BF132356.D

Acq: 08 Feb 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB150729BS

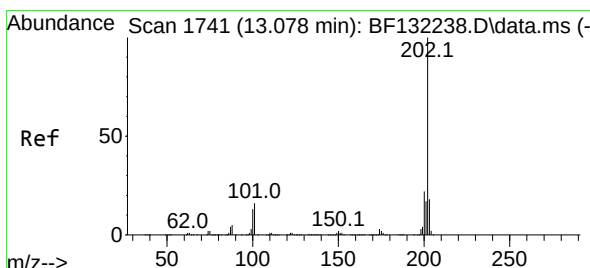
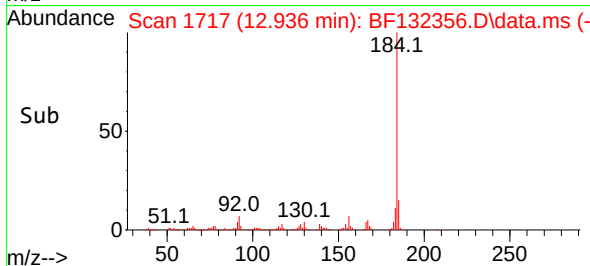
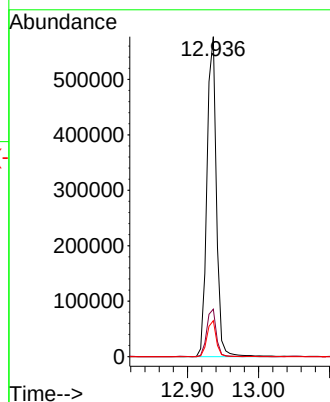
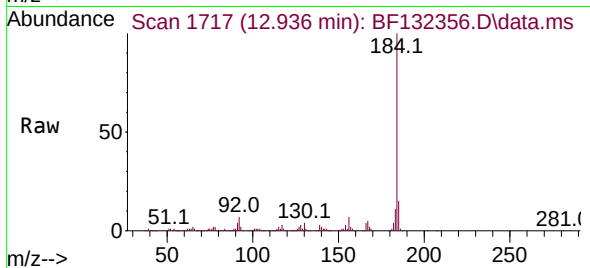
Tgt Ion:184 Resp: 528876

Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.6	18.8
183	11.2	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023



#78

Pyrene

Concen: 42.924 ng

RT: 13.054 min Scan# 1737

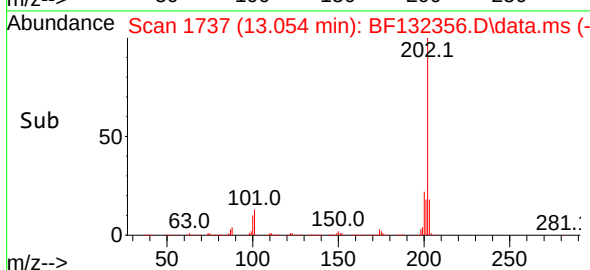
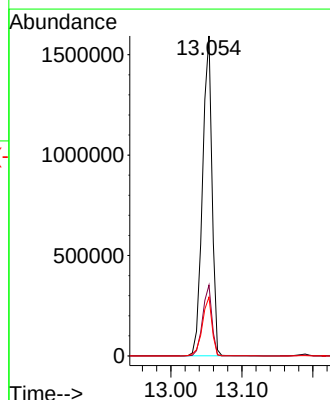
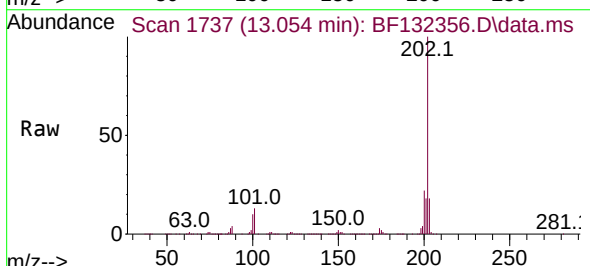
Delta R.T. -0.000 min

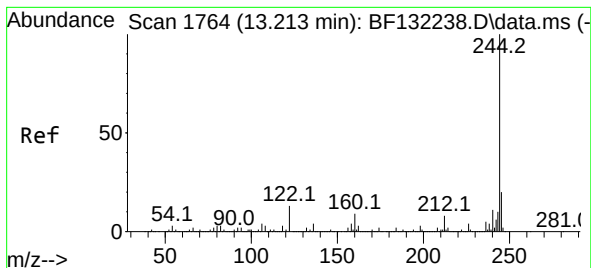
Lab File: BF132356.D

Acq: 08 Feb 2023 13:54

Tgt Ion:202 Resp: 1472105

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.3	25.9
203	18.4	14.4	21.6





#79

Terphenyl-d14

Concen: 97.296 ng

RT: 13.189 min Scan# 1764

Delta R.T. -0.000 min

Lab File: BF132356.D

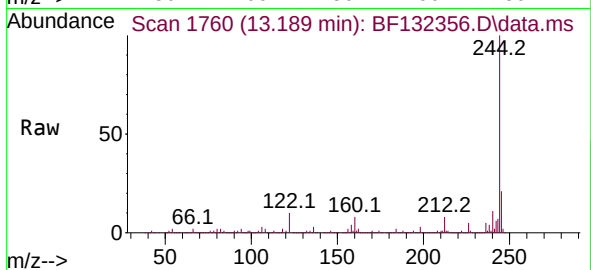
Acq: 08 Feb 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB150729BS



Tgt Ion:244 Resp: 2144659

Ion Ratio Lower Upper

244 100

212 8.0 6.4 9.6

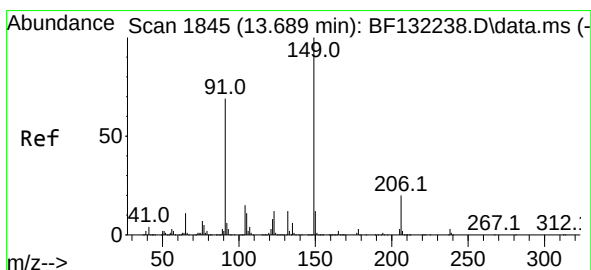
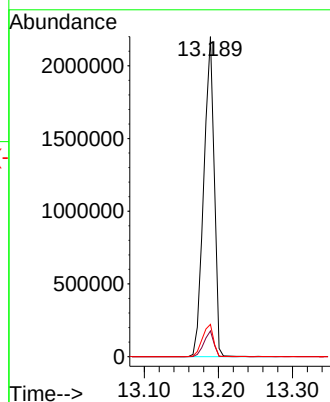
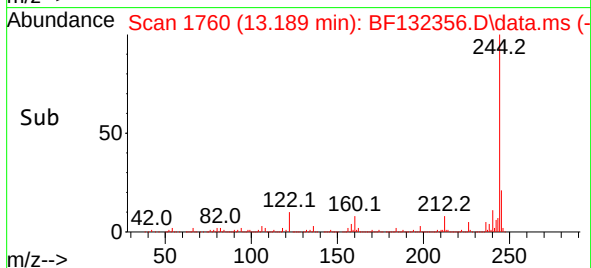
122 10.1 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/09/2023

Supervised By :Jagrut Upadhyay 02/09/2023



#80

Butylbenzylphthalate

Concen: 45.197 ng

RT: 13.660 min Scan# 1840

Delta R.T. -0.000 min

Lab File: BF132356.D

Acq: 08 Feb 2023 13:54

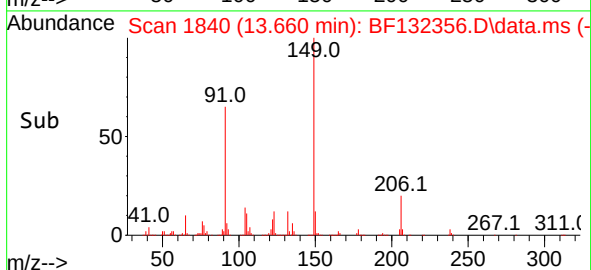
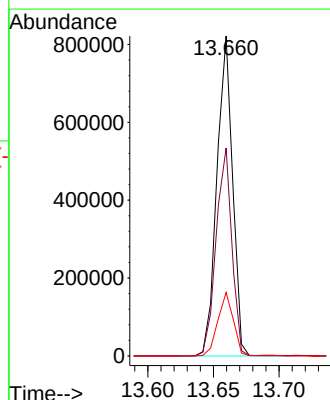
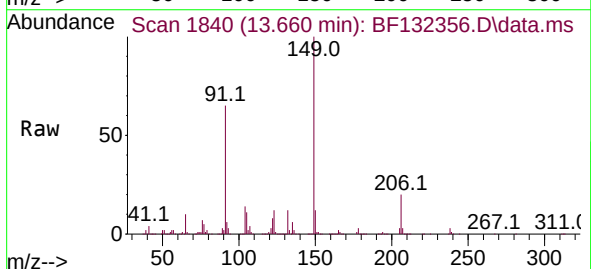
Tgt Ion:149 Resp: 684831

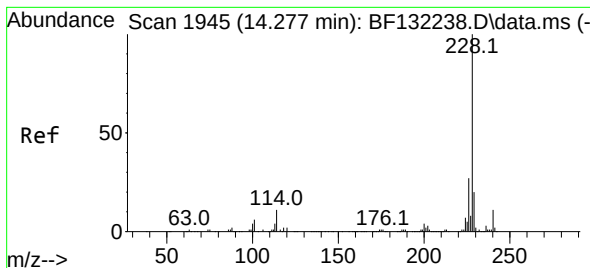
Ion Ratio Lower Upper

149 100

91 65.0 55.0 82.6

206 19.8 15.9 23.9





#81

Benzo(a)anthracene

Concen: 41.181 ng

RT: 14.248 min Scan# 1945

Delta R.T. 0.006 min

Lab File: BF132356.D

Acq: 08 Feb 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB150729BS

Tgt Ion:228 Resp: 122814

Ion Ratio Lower Upper

228 100

226 28.1 22.0 33.0

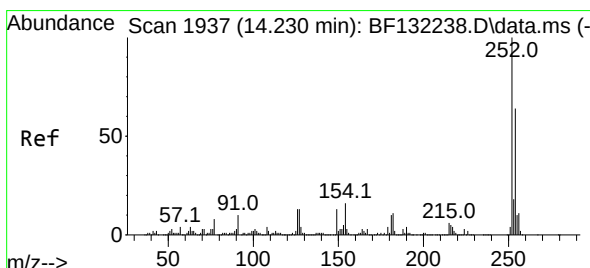
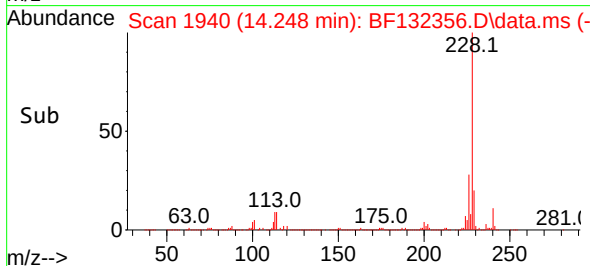
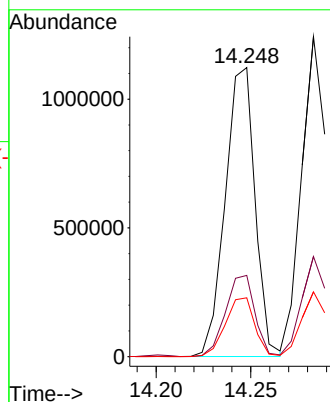
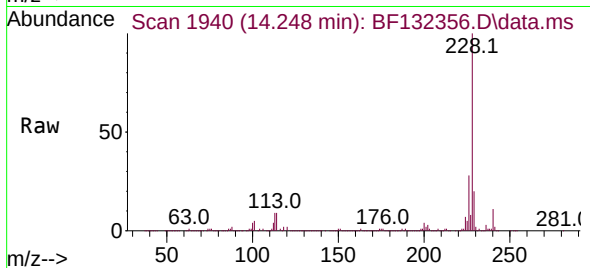
229 20.4 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/09/2023

Supervised By :Jagrut Upadhyay 02/09/2023



#82

3,3'-Dichlorobenzidine

Concen: 30.839 ng

RT: 14.201 min Scan# 1932

Delta R.T. -0.000 min

Lab File: BF132356.D

Acq: 08 Feb 2023 13:54

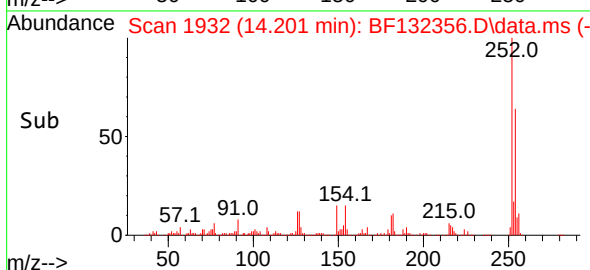
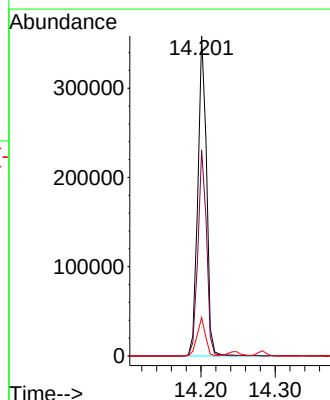
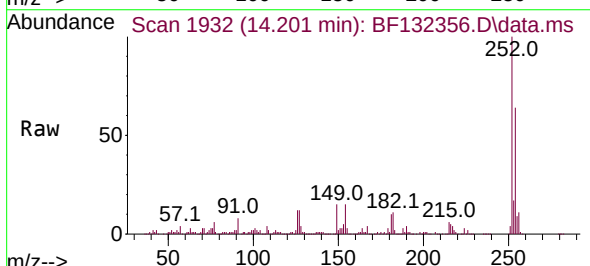
Tgt Ion:252 Resp: 292927

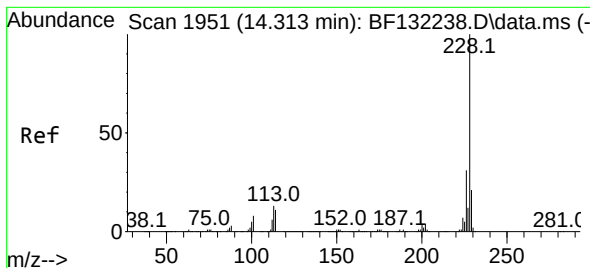
Ion Ratio Lower Upper

252 100

254 64.4 51.6 77.4

126 12.0 10.5 15.7





#83

Chrysene

Concen: 40.123 ng

RT: 14.283 min Scan# 1951

Delta R.T. -0.000 min

Lab File: BF132356.D

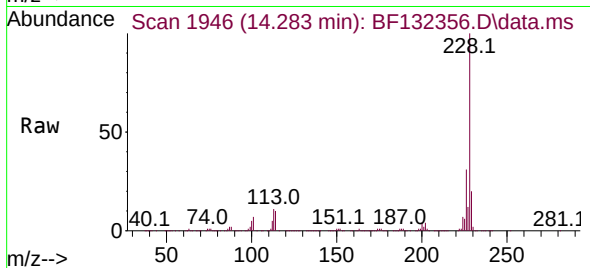
Acq: 08 Feb 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB150729BS



Tgt Ion:228 Resp: 1120453

Ion Ratio Lower Upper

228 100

226 31.3 24.9 37.3

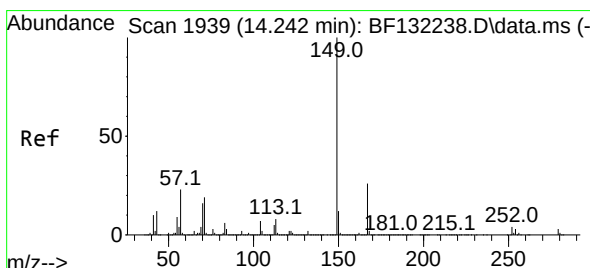
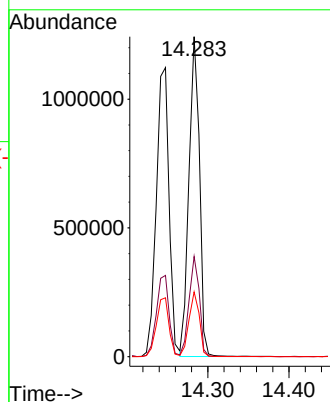
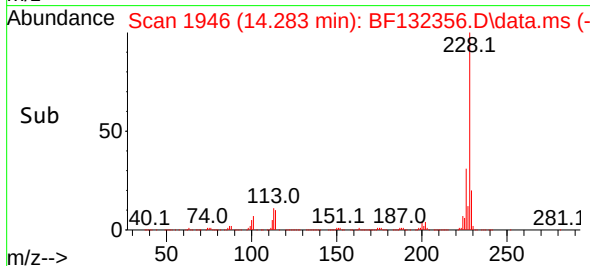
229 20.2 16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/09/2023

Supervised By :Jagrut Upadhyay 02/09/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.898 ng

RT: 14.213 min Scan# 1934

Delta R.T. -0.000 min

Lab File: BF132356.D

Acq: 08 Feb 2023 13:54

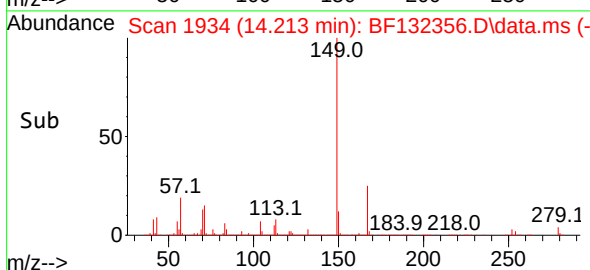
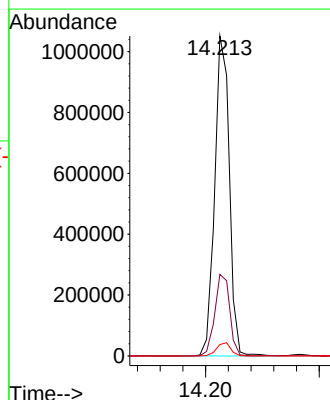
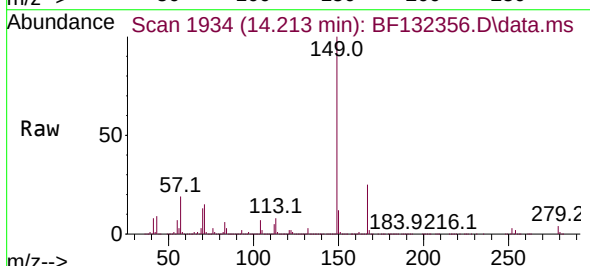
Tgt Ion:149 Resp: 940023

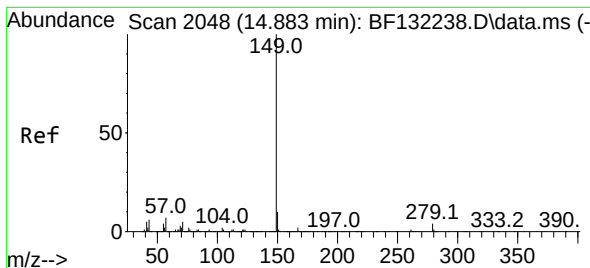
Ion Ratio Lower Upper

149 100

167 25.5 20.7 31.1

279 3.5 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 41.375 ng

RT: 14.848 min Scan# 2042

Delta R.T. 0.006 min

Lab File: BF132356.D

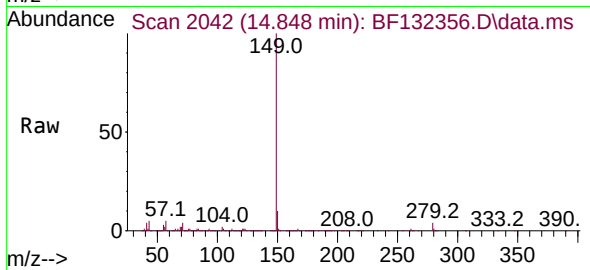
Acq: 08 Feb 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB150729BS



Tgt Ion:149 Resp: 1382130

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

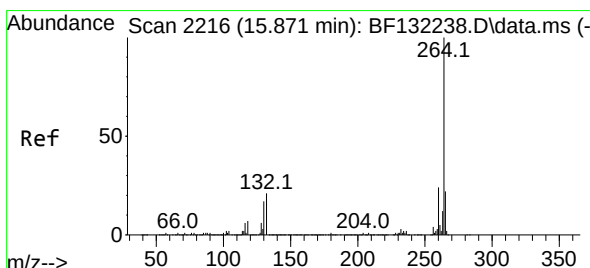
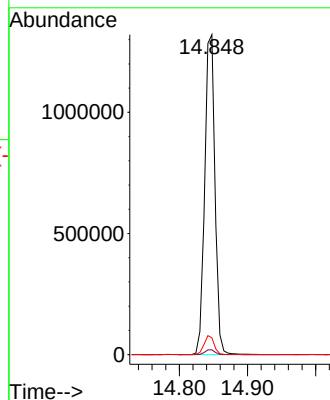
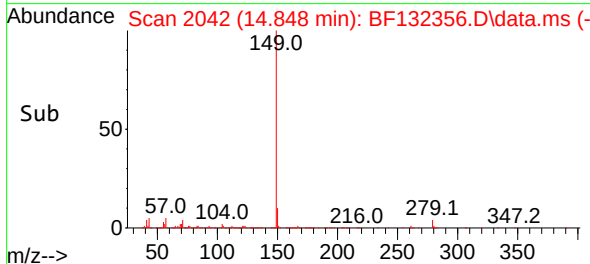
43 5.8 5.9 8.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/09/2023

Supervised By :Jagrut Upadhyay 02/09/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.824 min Scan# 2208

Delta R.T. -0.000 min

Lab File: BF132356.D

Acq: 08 Feb 2023 13:54

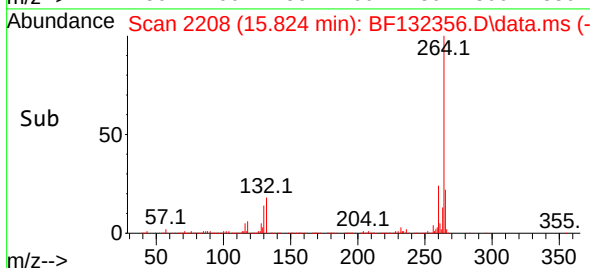
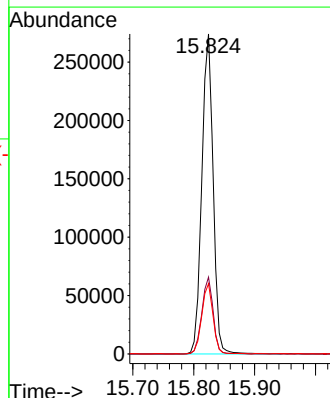
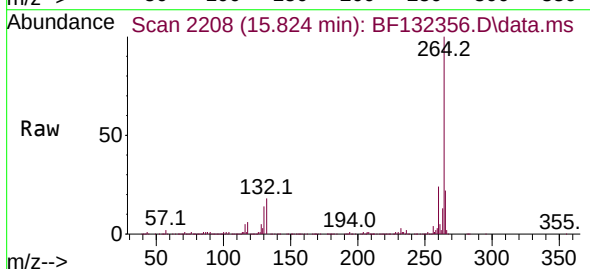
Tgt Ion:264 Resp: 352958

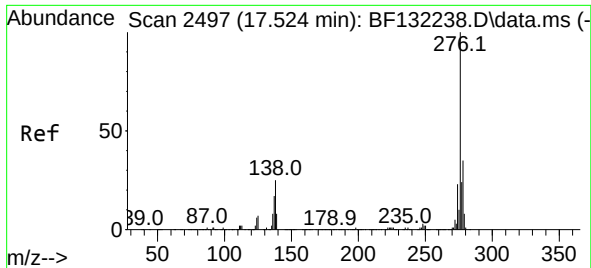
Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.4

265 22.0 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.551 ng
RT: 17.453 min Scan# 2497
Delta R.T. -0.000 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

Instrument :

BNA_F

ClientSampleId :

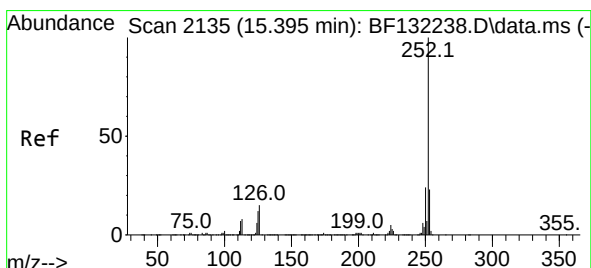
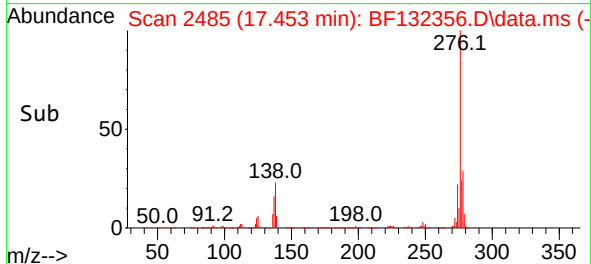
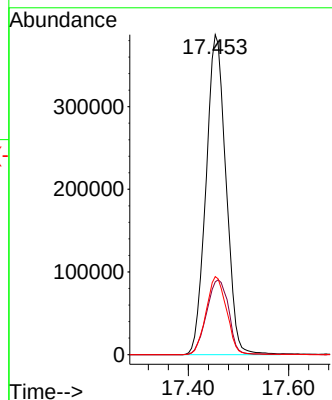
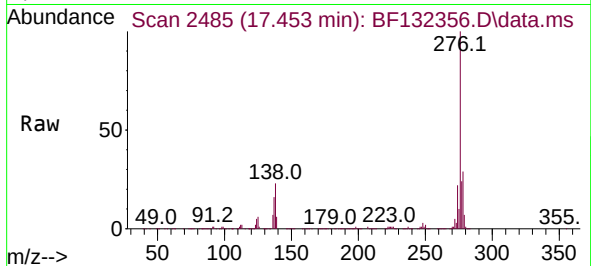
PB150729BS

Tgt Ion:276 Resp: 1068302
Ion Ratio Lower Upper
276 100
138 25.8 23.3 34.9
277 25.2 20.0 30.0

Manual Integrations

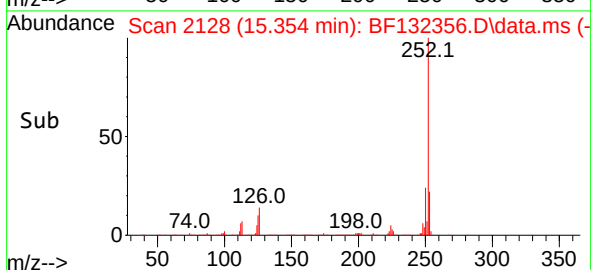
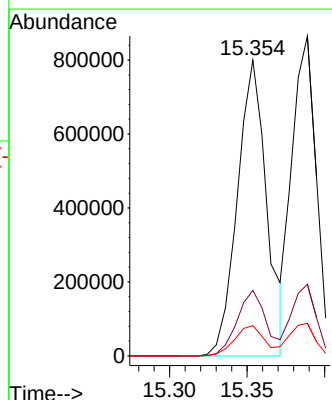
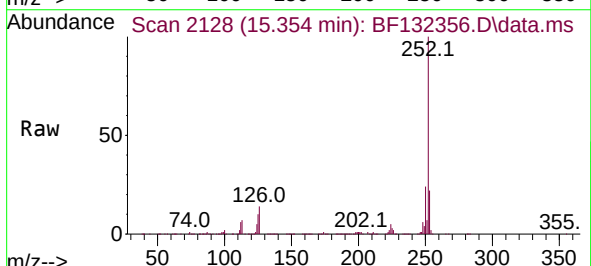
APPROVED

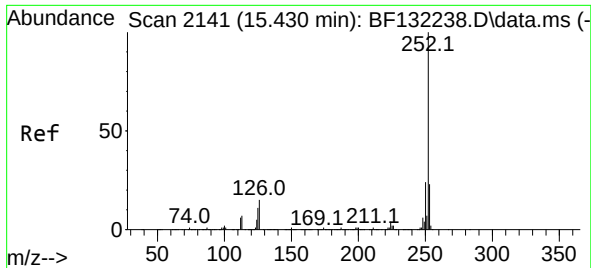
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023



#88
Benzo(b)fluoranthene
Concen: 47.082 ng
RT: 15.354 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

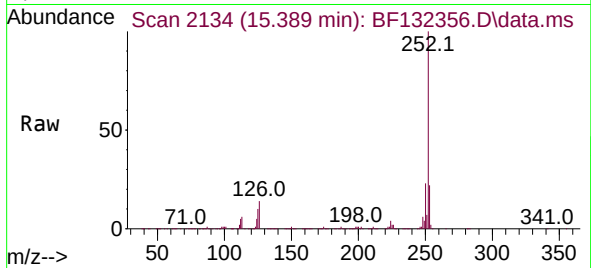
Tgt Ion:252 Resp: 1056323
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 10.3 9.6 14.4





#89
Benzo(k)fluoranthene
Concen: 44.453 ng
RT: 15.389 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

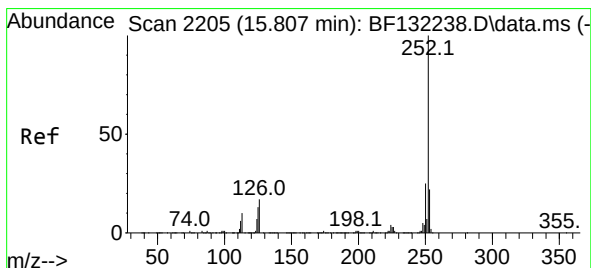
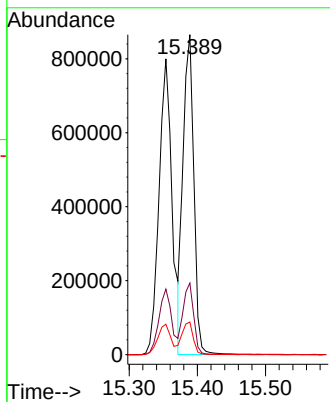
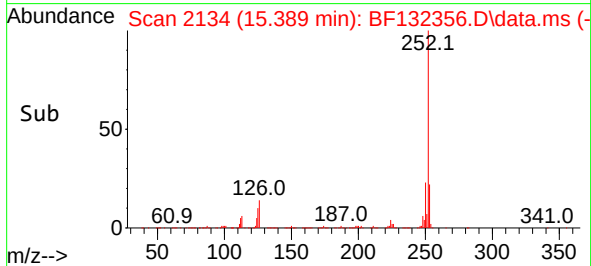
Instrument :
BNA_F
ClientSampleId :
PB150729BS



Tgt Ion:252 Resp: 951982
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 10.2 9.0 13.6

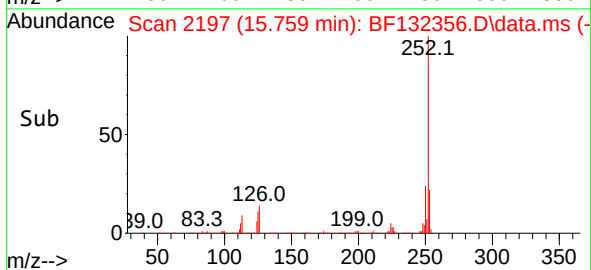
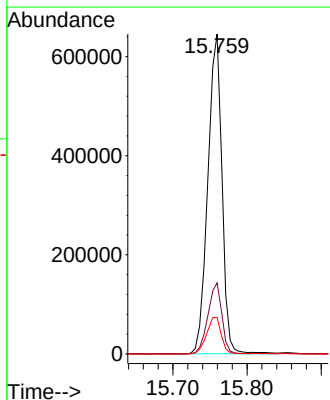
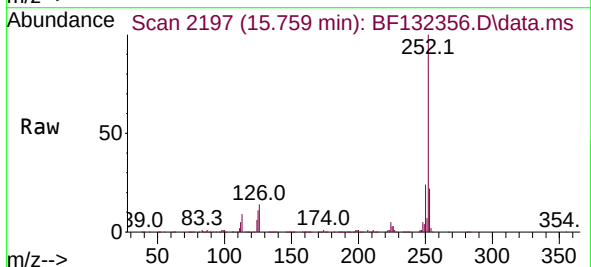
Manual Integrations
APPROVED

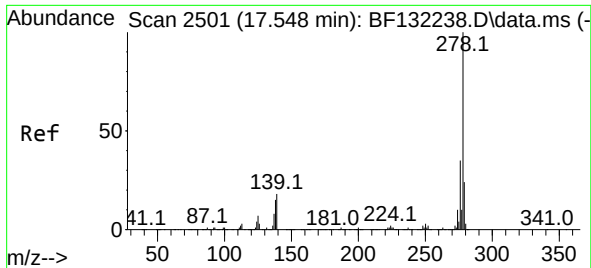
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023



#90
Benzo(a)pyrene
Concen: 40.969 ng
RT: 15.759 min Scan# 2197
Delta R.T. -0.000 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

Tgt Ion:252 Resp: 855924
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 11.4 10.2 15.4





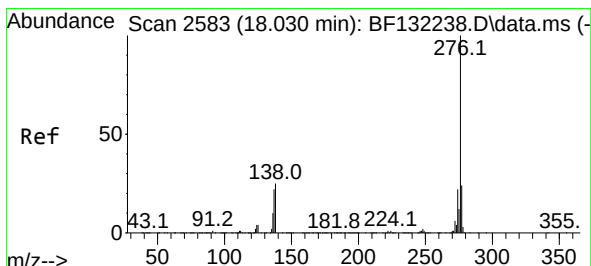
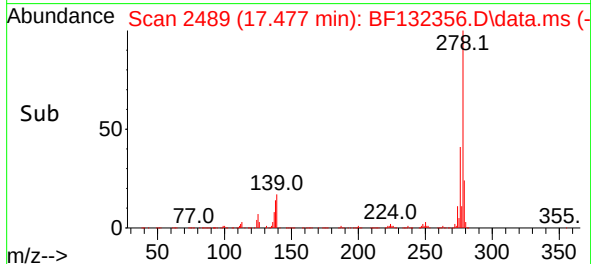
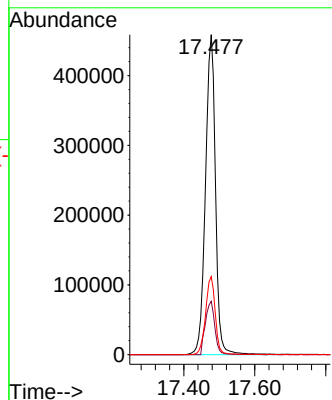
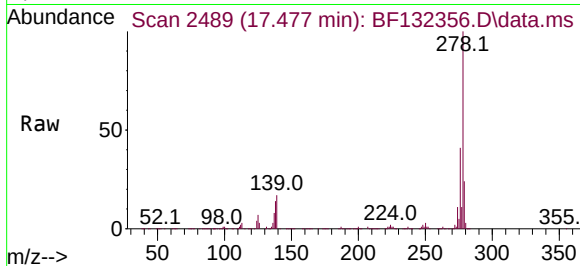
#91
Dibenzo(a,h)anthracene
Concen: 47.117 ng
RT: 17.477 min Scan# 2489
Delta R.T. 0.006 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

Instrument :
BNA_F
ClientSampleId :
PB150729BS

Tgt Ion:278 Resp: 888432
Ion Ratio Lower Upper
278 100
139 16.7 14.2 21.2
279 24.4 19.6 29.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023



#92
Benzo(g,h,i)perylene
Concen: 45.612 ng
RT: 17.959 min Scan# 2571
Delta R.T. 0.006 min
Lab File: BF132356.D
Acq: 08 Feb 2023 13:54

Tgt Ion:276 Resp: 888520
Ion Ratio Lower Upper
276 100
277 24.1 19.4 29.2
138 22.0 20.3 30.5

