

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
 Data File : BF132171.D
 Acq On : 20 Jan 2023 20:35
 Operator : CG\JU
 Sample : 01233-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-P34AMS

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo
 01/23/2023
 Supervised By :Jagrut
 Upadhyay
 01/23/2023

Quant Time: Jan 21 03:56:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:50:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.090	152	184212	20.000	ng	0.00
21) Naphthalene-d8	8.378	136	674454	20.000	ng	0.00
39) Acenaphthene-d10	10.142	164	369043	20.000	ng	0.00
64) Phenanthrene-d10	11.642	188	748390	20.000	ng	0.00
76) Chrysene-d12	14.307	240	455426	20.000	ng	0.00
86) Perylene-d12	15.901	264	405760	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.725	112	1168126	110.773	ng	0.02
7) Phenol-d6	6.707	99	1563691	117.797	ng	0.00
23) Nitrobenzene-d5	7.654	82	1033020	81.365	ng	0.00
42) 2,4,6-Tribromophenol	10.942	330	518300	131.484	ng	0.00
45) 2-Fluorobiphenyl	9.454	172	1659325	65.701	ng	0.00
79) Terphenyl-d14	13.236	244	2001844	73.630	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.113	88	211997	39.682	ng	99
3) Pyridine	3.843	79	546312	38.093	ng	99
4) n-Nitrosodimethylamine	3.802	42	292734	43.401	ng	100
6) Aniline	6.748	93	655144m	35.632	ng	
8) 2-Chlorophenol	6.872	128	523160	47.198	ng	98
9) Benzaldehyde	6.643	77	264685	30.994	ng	99
10) Phenol	6.719	94	611337	44.238	ng	98
11) bis(2-Chloroethyl)ether	6.819	93	513886	43.927	ng	100
12) 1,3-Dichlorobenzene	7.031	146	545379	44.016	ng	98
13) 1,4-Dichlorobenzene	7.107	146	552662	44.700	ng	99
14) 1,2-Dichlorobenzene	7.260	146	530446	46.399	ng	97
15) Benzyl Alcohol	7.225	79	478698m	47.146	ng	
16) 2,2'-oxybis(1-Chloropr...	7.360	45	755751	44.449	ng	100
17) 2-Methylphenol	7.331	107	422253	43.483	ng	98
18) Hexachloroethane	7.607	117	207584	46.772	ng	96
19) n-Nitroso-di-n-propyla...	7.501	70	348478	42.857	ng	96
20) 3+4-Methylphenols	7.484	107	525790	42.970	ng	97
22) Acetophenone	7.501	105	665637	41.062	ng	# 98
24) Nitrobenzene	7.678	77	574598	42.745	ng	94
25) Isophorone	7.913	82	1061960	42.749	ng	98
26) 2-Nitrophenol	7.990	139	264966	51.662	ng	96
27) 2,4-Dimethylphenol	8.019	122	476757	44.353	ng	99
28) bis(2-Chloroethoxy)met...	8.119	93	613210	41.142	ng	99
29) 2,4-Dichlorophenol	8.231	162	448760	43.975	ng	98
30) 1,2,4-Trichlorobenzene	8.319	180	489393	42.222	ng	98
31) Naphthalene	8.401	128	1400607	40.435	ng	99
32) Benzoic acid	8.125	122	351863	48.858	ng	92
33) 4-Chloroaniline	8.442	127	222620	15.018	ng	95
34) Hexachlorobutadiene	8.513	225	325291	41.776	ng	99
35) Caprolactam	8.819	113	149764m	51.751	ng	
36) 4-Chloro-3-methylphenol	8.913	107	470663	45.831	ng	97
37) 2-Methylnaphthalene	9.095	142	925079	38.790	ng	100
38) 1-Methylnaphthalene	9.195	142	877096	39.527	ng	99
40) 1,2,4,5-Tetrachloroben...	9.260	216	500922	39.012	ng	99
41) Hexachlorocyclopentadiene	9.248	237	650146	92.788	ng	99
43) 2,4,6-Trichlorophenol	9.366	196	353715	44.387	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.407	196	386938	41.518	ng	98
46) 1,1'-Biphenyl	9.560	154	1157682	39.762	ng	100
47) 2-Chloronaphthalene	9.589	162	924471	41.075	ng	98
48) 2-Nitroaniline	9.678	65	326841	45.547	ng	97
49) Acenaphthylene	10.007	152	1454351	40.393	ng	99
50) Dimethylphthalate	9.854	163	1122254	41.987	ng	100
51) 2,6-Dinitrotoluene	9.919	165	259408	50.073	ng	95
52) Acenaphthene	10.184	154	971821	44.874	ng	97
53) 3-Nitroaniline	10.089	138	178541	32.234	ng	97
54) 2,4-Dinitrophenol	10.195	184	266056	108.068	ng	# 48
55) Dibenzofuran	10.354	168	1327167	39.654	ng	97
56) 4-Nitrophenol	10.242	139	407268	101.031	ng	89
57) 2,4-Dinitrotoluene	10.325	165	335194	53.902	ng	96
58) Fluorene	10.701	166	999303	40.296	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.466	232	330526	46.622	ng	99
60) Diethylphthalate	10.560	149	1129768	43.103	ng	99
61) 4-Chlorophenyl-phenyle...	10.684	204	535392	40.317	ng	99
62) 4-Nitroaniline	10.713	138	257309	49.898	ng	100
63) Azobenzene	10.848	77	1393280	52.965	ng	99
65) 4,6-Dinitro-2-methylph...	10.736	198	178390	48.454	ng	92
66) n-Nitrosodiphenylamine	10.807	169	919691	38.372	ng	99
67) 4-Bromophenyl-phenylether	11.178	248	353442	38.746	ng	99
68) Hexachlorobenzene	11.248	284	385274	42.496	ng	96
69) Atrazine	11.331	200	345513	46.723	ng	99
70) Pentachlorophenol	11.442	266	460815	79.097	ng	97
71) Phenanthrene	11.672	178	1559992	39.721	ng	99
72) Anthracene	11.725	178	1577300	39.698	ng	100
73) Carbazole	11.872	167	1442821	42.512	ng	99
74) Di-n-butylphthalate	12.195	149	1710479	45.273	ng	99
75) Fluoranthene	12.866	202	1735889	43.029	ng	99
77) Benzidine	12.983	184	799320	58.456	ng	99
78) Pyrene	13.101	202	1757363	41.870	ng	99
80) Butylbenzylphthalate	13.707	149	675729	49.332	ng	97
81) Benzo(a)anthracene	14.295	228	1390528	42.739	ng	99
82) 3,3'-Dichlorobenzidine	14.248	252	193310	21.334	ng	99
83) Chrysene	14.336	228	1252100	40.430	ng	99
84) Bis(2-ethylhexyl)phtha...	14.266	149	832524	45.641	ng	98
85) Di-n-octyl phthalate	14.901	149	1168376	44.146	ng	99
87) Indeno(1,2,3-cd)pyrene	17.565	276	1255979	39.311	ng	100
88) Benzo(b)fluoranthene	15.419	252	1157546	46.854	ng	99
89) Benzo(k)fluoranthene	15.454	252	1080629	42.889	ng	99
90) Benzo(a)pyrene	15.830	252	992749	41.772	ng	99
91) Dibenzo(a,h)anthracene	17.589	278	1021621	42.543	ng	99
92) Benzo(g,h,i)perylene	18.083	276	1067741	38.992	ng	98

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

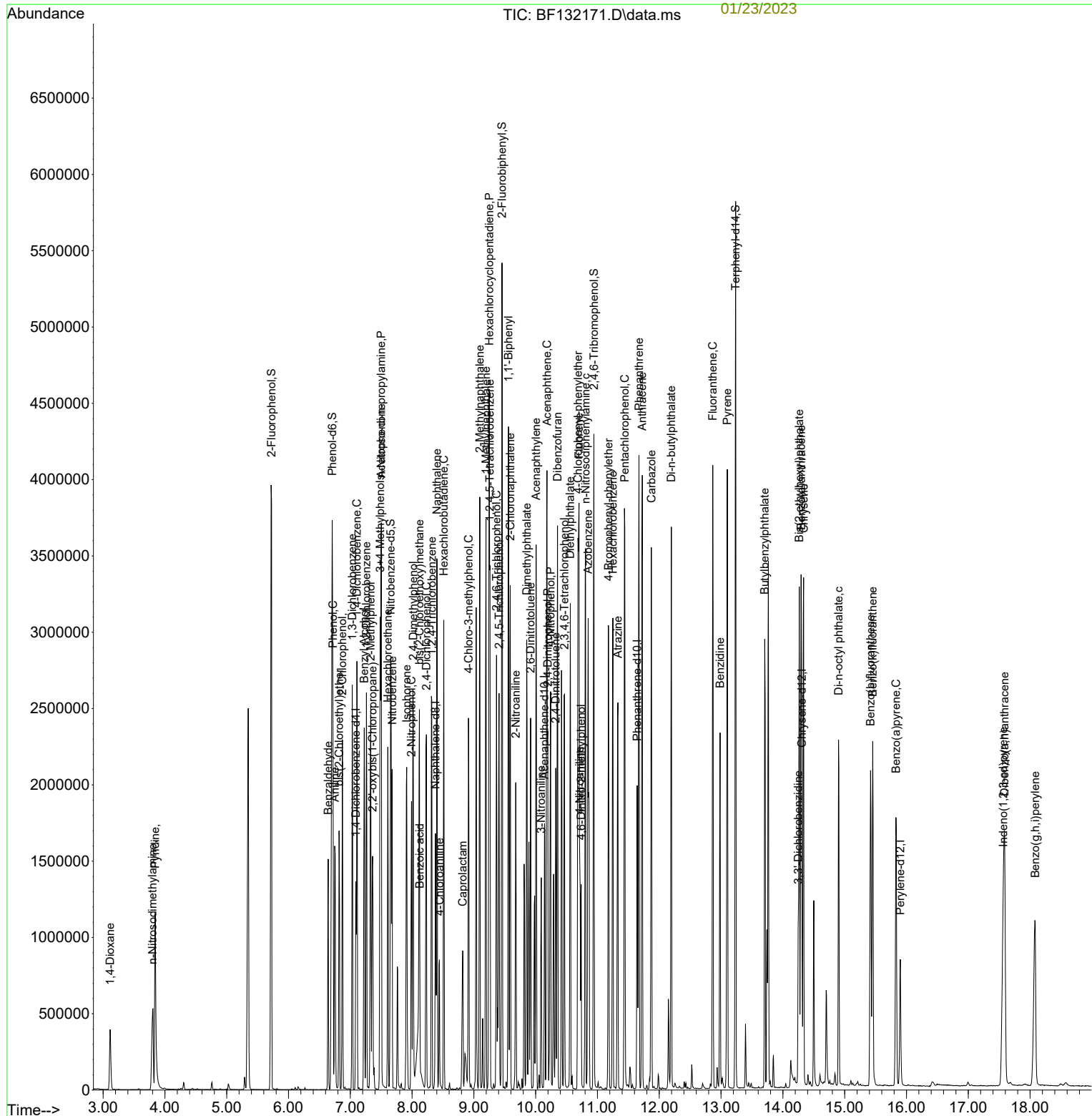
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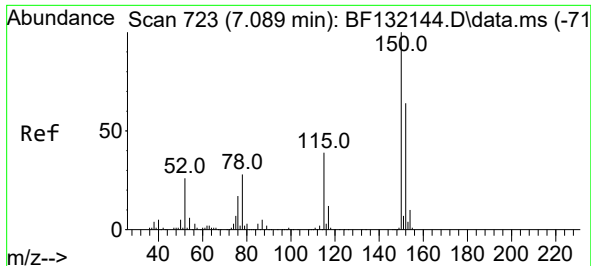
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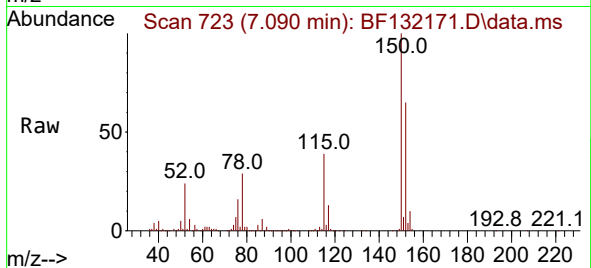
Reviewed By :Christian
 Giraldo
 01/23/2023
 Supervised By :Jagrut
 Upadhyay
 01/23/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.090 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

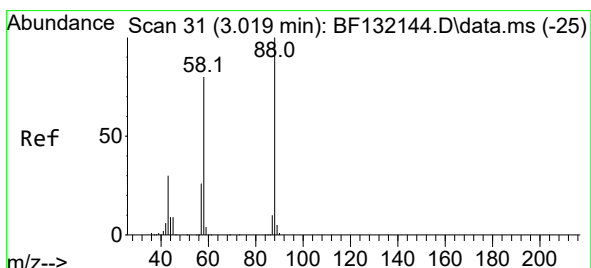
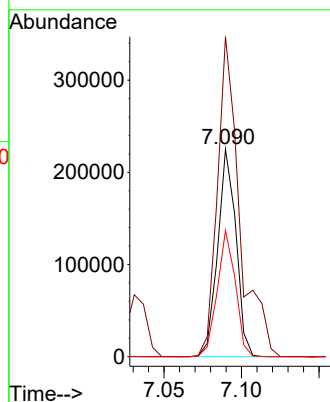
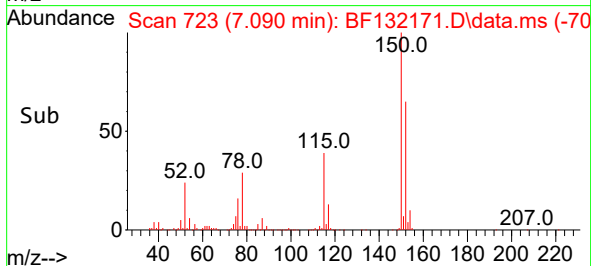
Instrument :
BNA_F
ClientSampleId :
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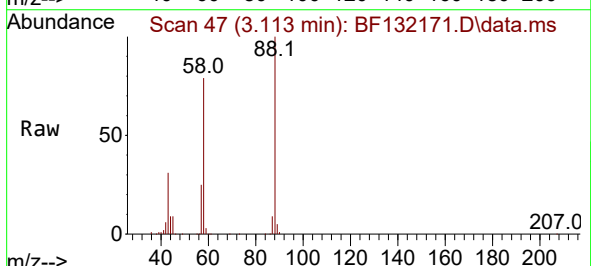
Tgt Ion:152 Resp: 18421
Ion Ratio Lower Upper
152 100
150 154.2 125.8 188.8
115 60.9 49.2 73.8

Manual Integrations
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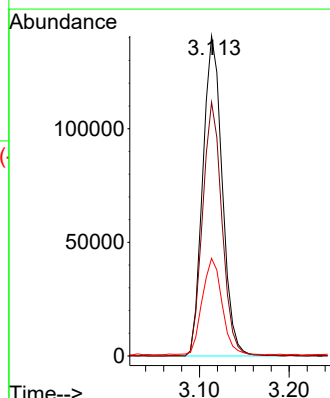
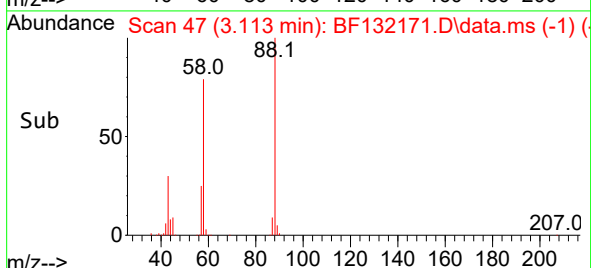
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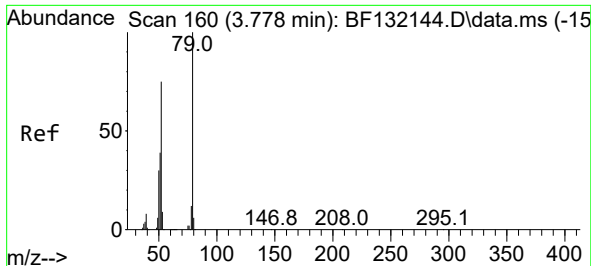


#2
1,4-Dioxane
Concen: 39.682 ng
RT: 3.113 min Scan# 47
Delta R.T. 0.094 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35



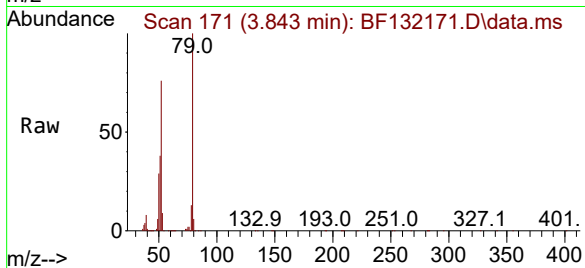
Tgt Ion: 88 Resp: 211997
Ion Ratio Lower Upper
88 100
58 79.0 64.0 96.0
43 30.8 24.2 36.4





#3
Pyridine
Concen: 38.093 ng
RT: 3.843 min Scan# 11
Delta R.T. 0.065 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

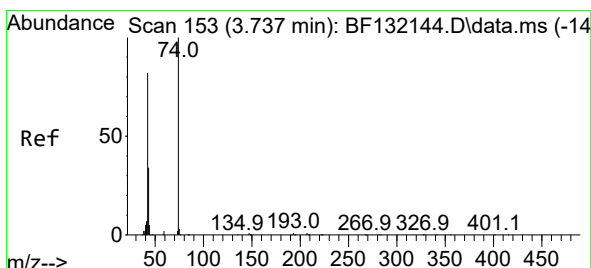
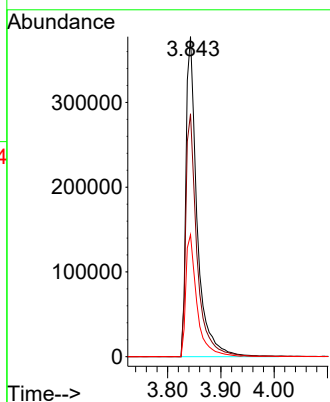
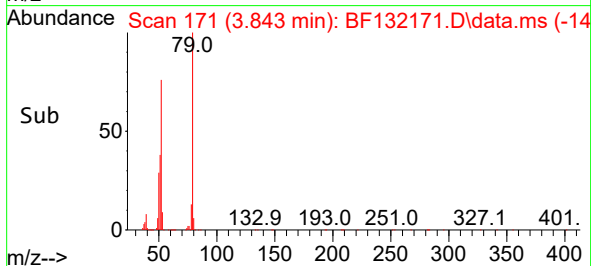
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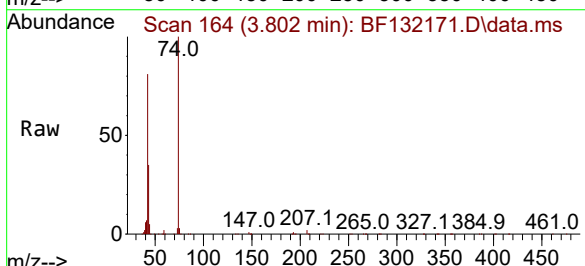
Tgt Ion: 79 Resp: 546312
Ion Ratio Lower Upper
79 100
52 75.9 60.1 90.1
51 38.1 31.4 47.0

Manual Integrations
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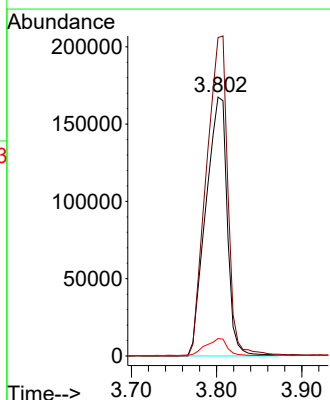
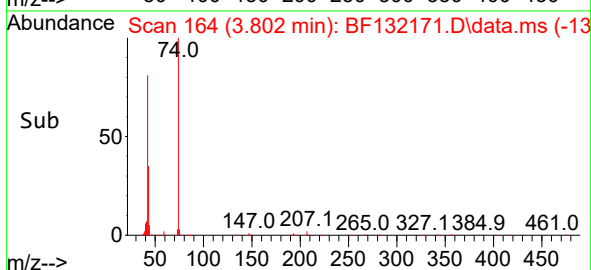
Reviewed By :Christian
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01/23/2023

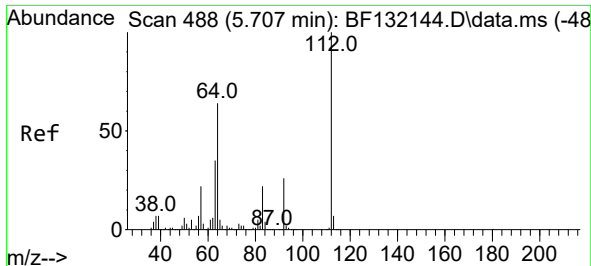


#4
n-Nitrosodimethylamine
Concen: 43.401 ng
RT: 3.802 min Scan# 164
Delta R.T. 0.065 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35



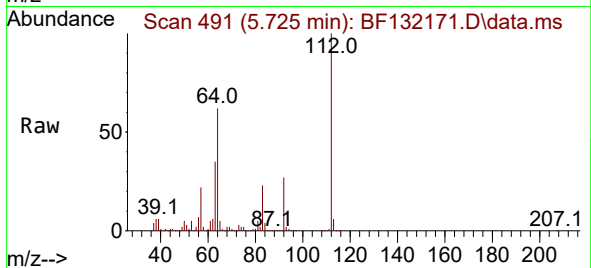
Tgt Ion: 42 Resp: 292734
Ion Ratio Lower Upper
42 100
74 123.0 98.1 147.1
44 6.7 5.2 7.8





#5
2-Fluorophenol
Concen: 110.773 ng
RT: 5.725 min Scan# 491
Delta R.T. 0.018 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

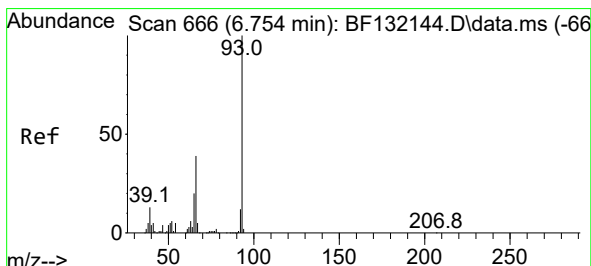
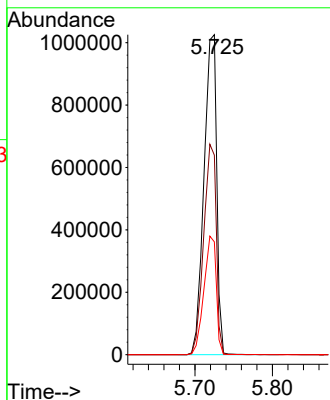
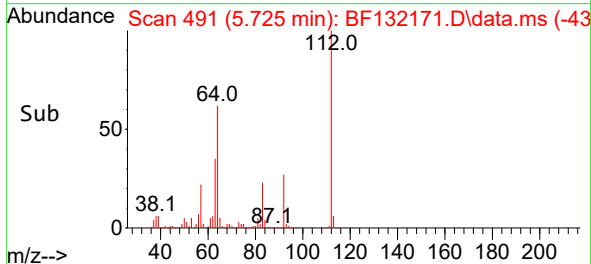
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Tgt Ion:112 Resp: 1168120
Ion Ratio Lower Upper
112 100
64 62.4 51.4 77.0
63 35.3 28.2 42.2

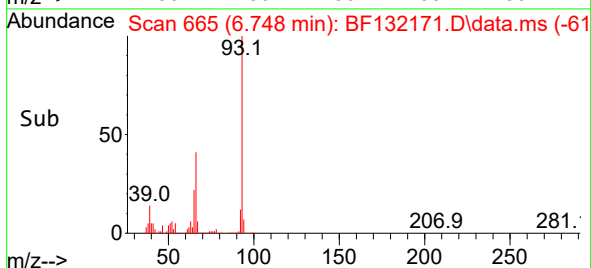
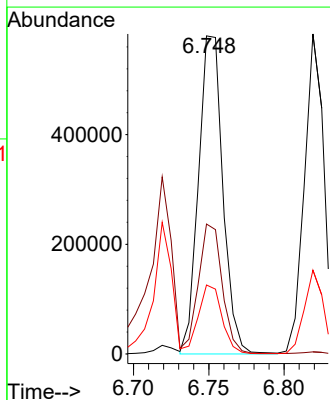
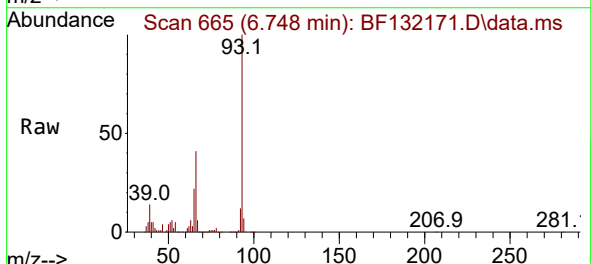
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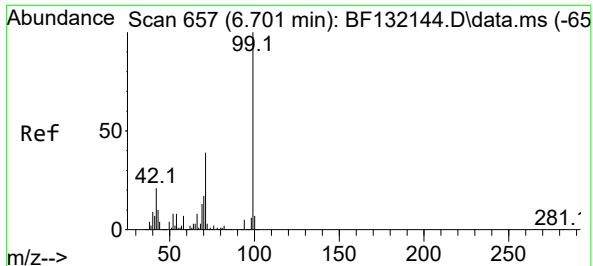
Reviewed By :Christian
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Upadhyay
01/23/2023



#6
Aniline
Concen: 35.632 ng m
RT: 6.748 min Scan# 665
Delta R.T. -0.006 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

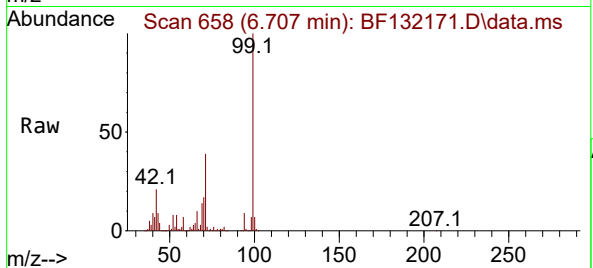
Tgt Ion: 93 Resp: 655144
Ion Ratio Lower Upper
93 100
66 40.8 33.0 49.6
65 21.7 16.8 25.2





#7
Phenol-d6
Concen: 117.797 ng
RT: 6.707 min Scan# 657
Delta R.T. 0.006 min
Lab File: BF132171.D
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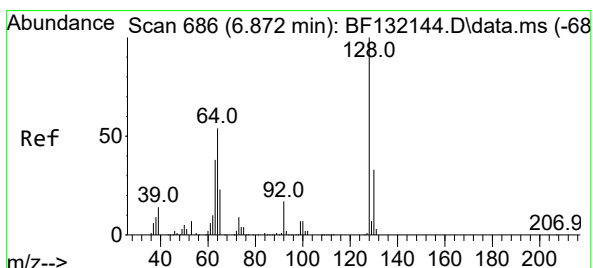
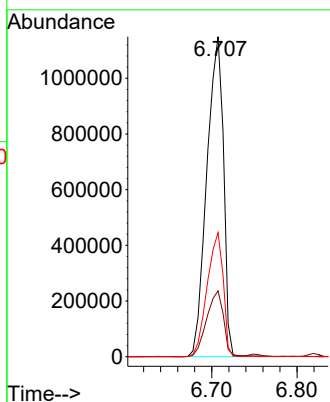
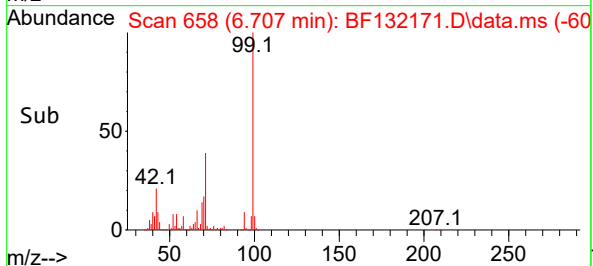


Tgt Ion: 99 Resp: 156369

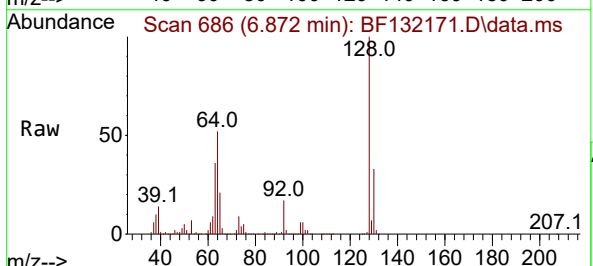
Ion	Ratio	Lower	Upper
99	100		
42	20.6	16.6	24.8
71	38.7	30.8	46.2

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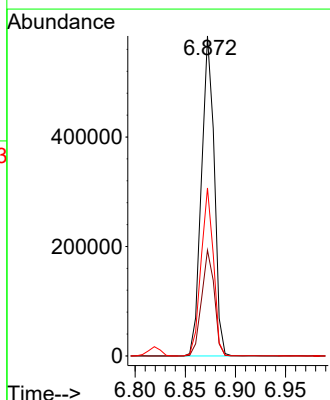
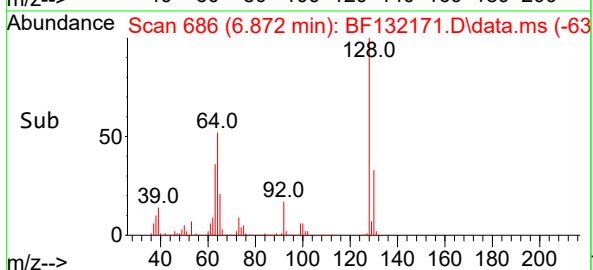


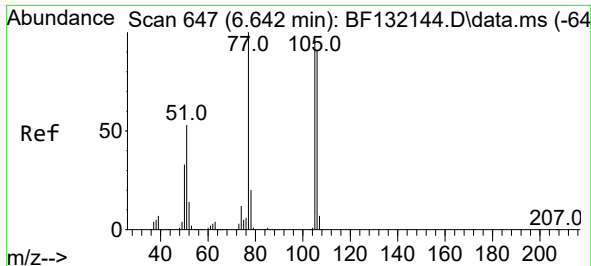
#8
2-Chlorophenol
Concen: 47.198 ng
RT: 6.872 min Scan# 686
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35



Tgt Ion:128 Resp: 523160

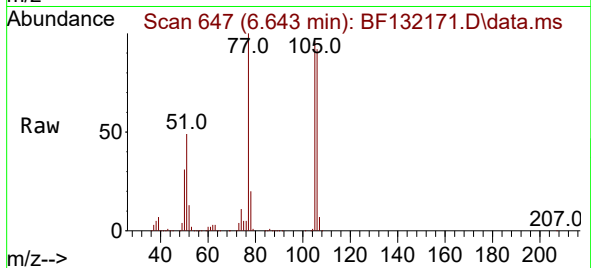
Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.8	52.8
64	52.5	34.8	74.8





#9
Benzaldehyde
Concen: 30.994 ng
RT: 6.643 min Scan# 647
Delta R.T. 0.001 min
Lab File: BF132171.D
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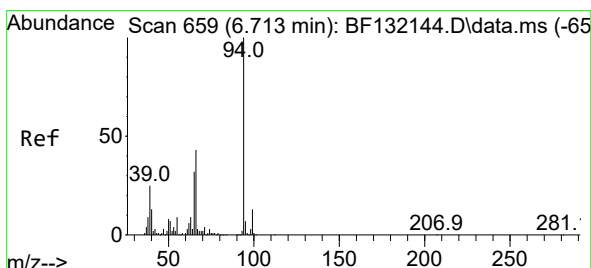
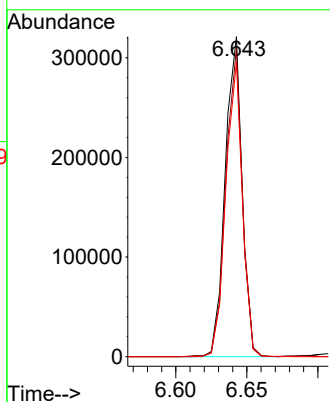
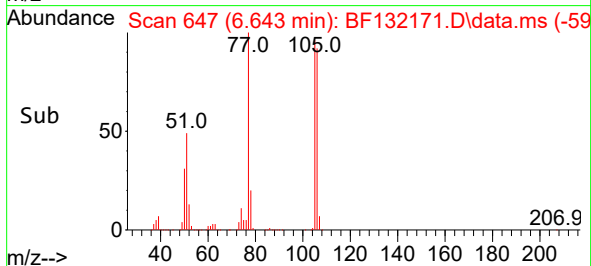
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Tgt Ion: 77 Resp: 264685
Ion Ratio Lower Upper
77 100
105 96.3 75.5 115.5
106 91.9 70.7 110.7

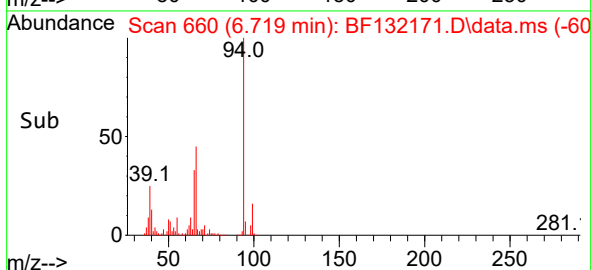
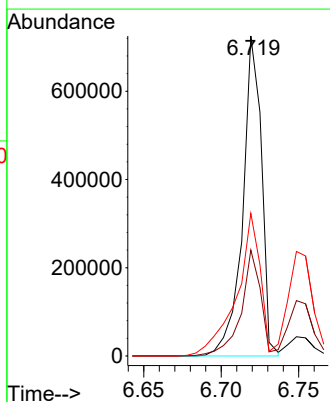
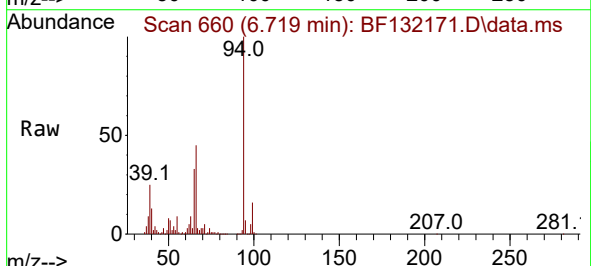
Manual Integrations
APPROVED

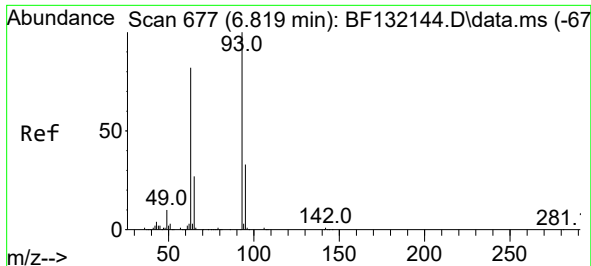
Reviewed By :Christian
Giraldo
01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023



#10
Phenol
Concen: 44.238 ng
RT: 6.719 min Scan# 660
Delta R.T. 0.006 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

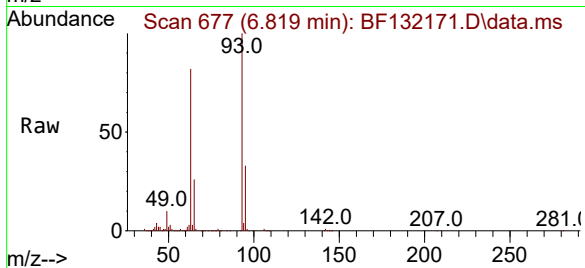
Tgt Ion: 94 Resp: 611337
Ion Ratio Lower Upper
94 100
65 33.1 12.0 52.0
66 44.5 22.7 62.7





#11
bis(2-Chloroethyl)ether
Concen: 43.927 ng
RT: 6.819 min Scan# 677
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

Instrument :
BNA_F
ClientSampleId :
B-P34AMS

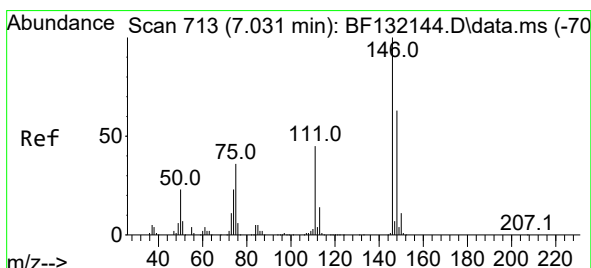
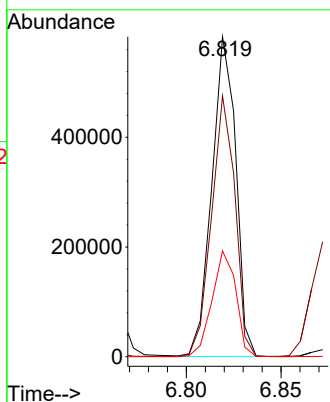
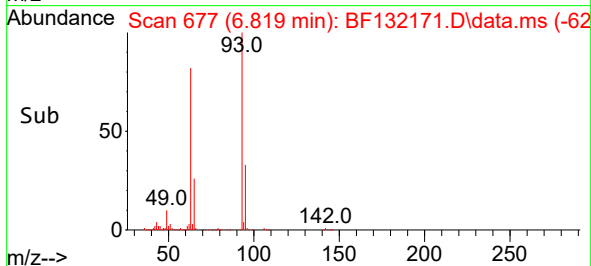


Tgt Ion: 93 Resp: 513880
Ion Ratio Lower Upper
93 100
63 81.5 61.6 101.6
95 33.1 12.7 52.7

Manual Integrations
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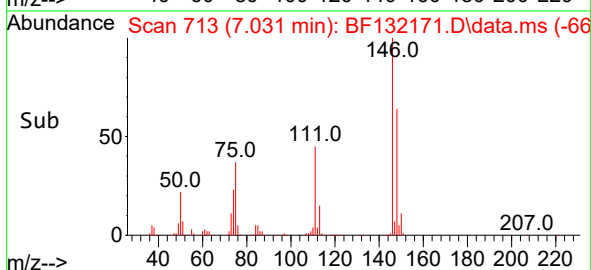
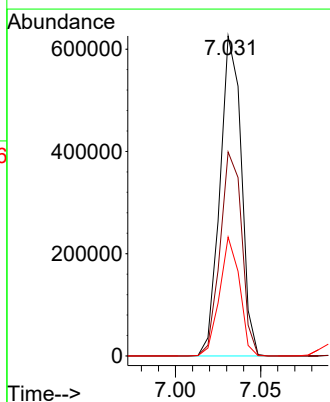
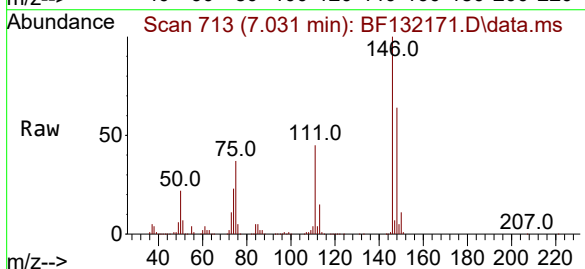
Reviewed By :Christian
Giraldo
01/23/2023

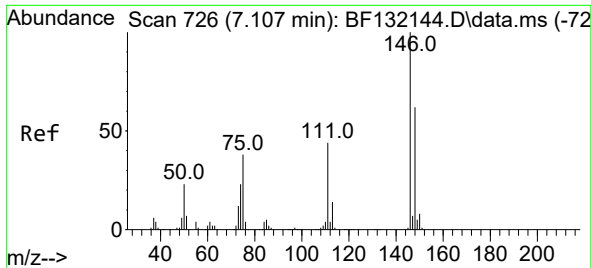
Supervised By :Jagrut
Upadhyay
01/23/2023



#12
1,3-Dichlorobenzene
Concen: 44.016 ng
RT: 7.031 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

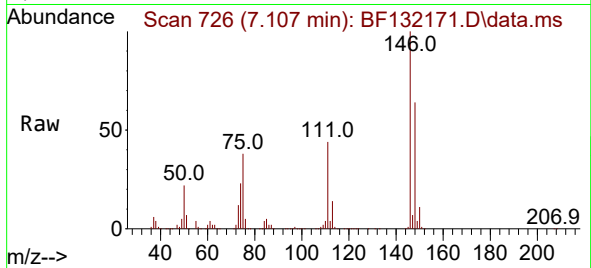
Tgt Ion:146 Resp: 545379
Ion Ratio Lower Upper
146 100
148 63.8 50.0 75.0
75 37.1 28.8 43.2





#13
1,4-Dichlorobenzene
Concen: 44.700 ng
RT: 7.107 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

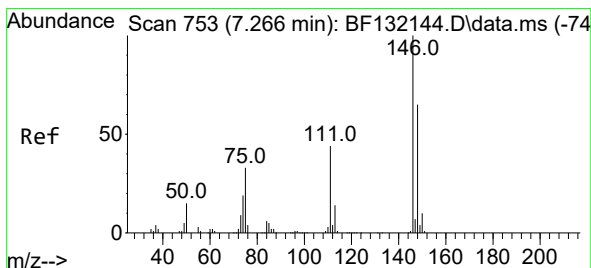
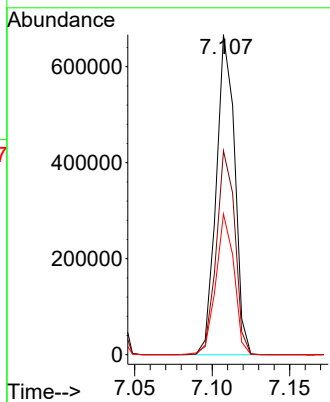
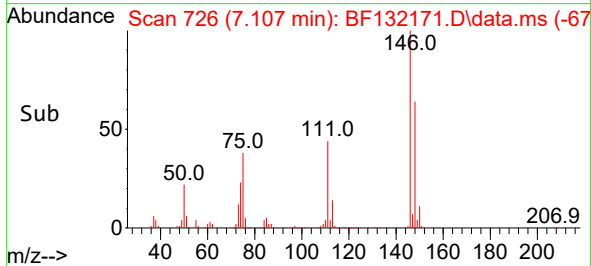
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



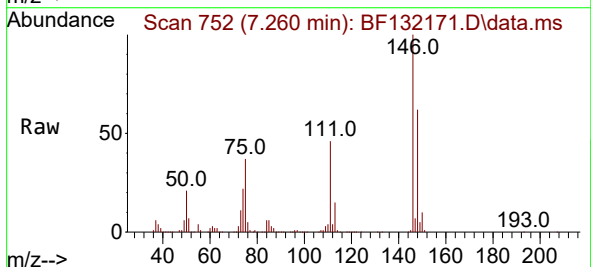
Tgt Ion:146 Resp: 552662
Ion Ratio Lower Upper
146 100
148 63.7 49.9 74.9
111 43.9 35.2 52.8

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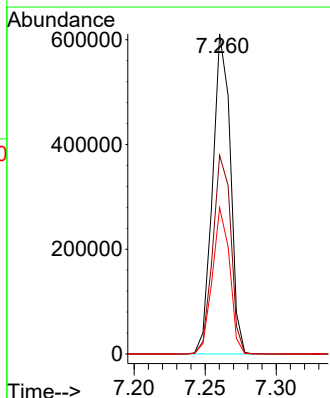
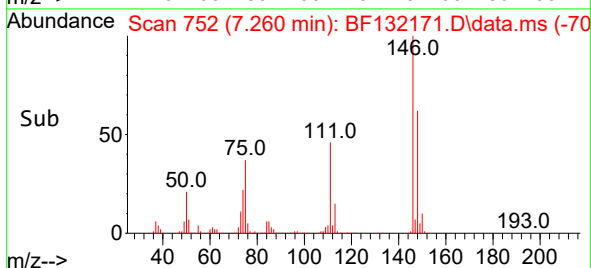
Reviewed By :Christian
Giraldo
01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023

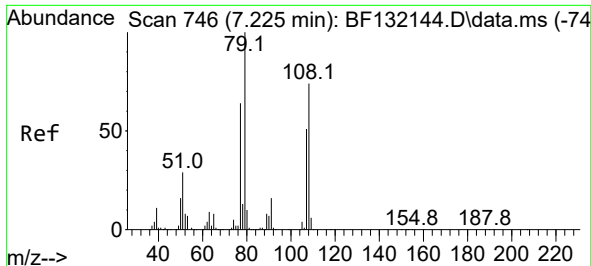


#14
1,2-Dichlorobenzene
Concen: 46.399 ng
RT: 7.260 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35



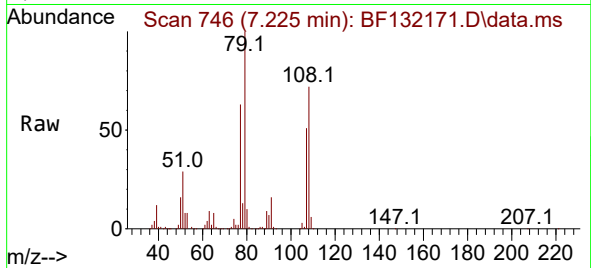
Tgt Ion:146 Resp: 530446
Ion Ratio Lower Upper
146 100
148 62.1 52.0 78.0
111 45.7 35.4 53.2





#15
Benzyl Alcohol
Concen: 47.146 ng m
RT: 7.225 min Scan# 746
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

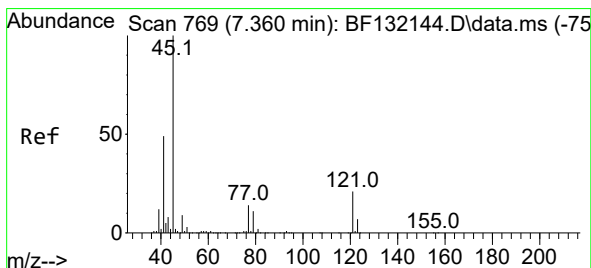
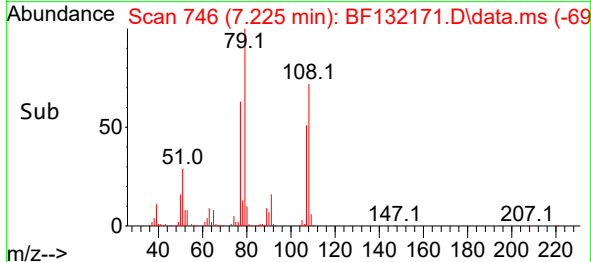
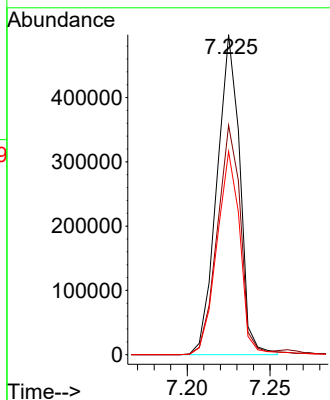
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



Tgt Ion: 79 Resp: 478698
Ion Ratio Lower Upper
79 100
108 71.7 58.9 88.3
77 63.5 51.1 76.7

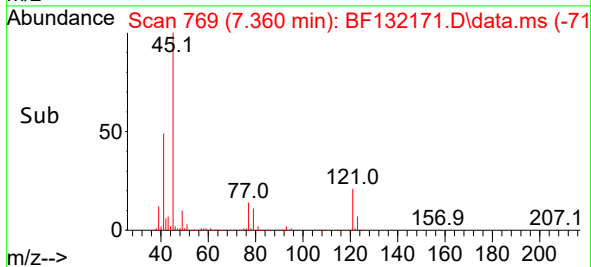
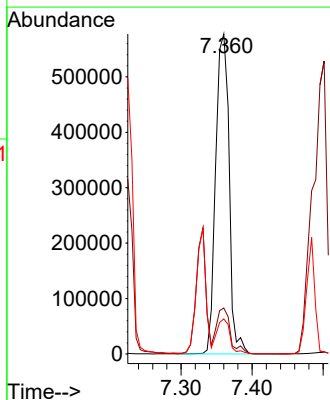
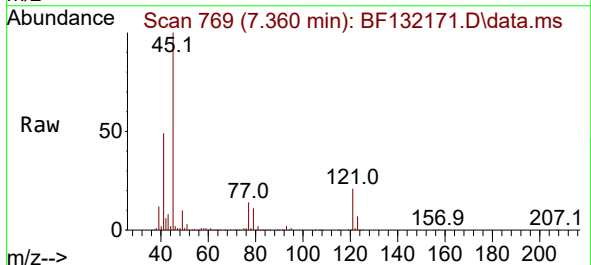
Manual Integrations
APPROVED

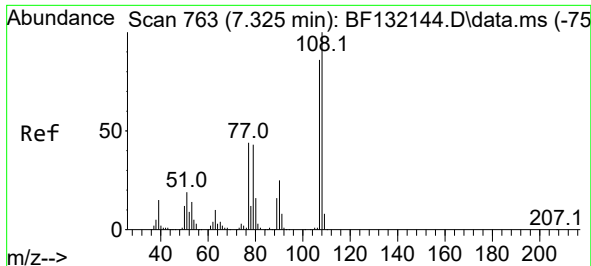
Reviewed By :Christian
Giraldo
01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.449 ng
RT: 7.360 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

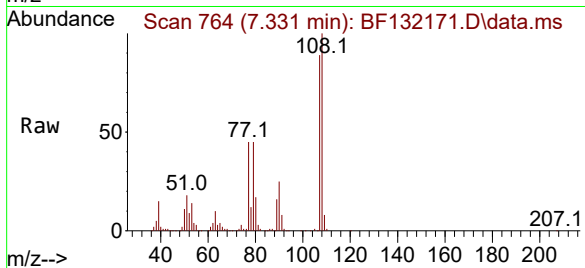
Tgt Ion: 45 Resp: 755751
Ion Ratio Lower Upper
45 100
77 14.4 0.0 34.3
79 11.0 0.0 30.9





#17
2-Methylphenol
Concen: 43.483 ng
RT: 7.331 min Scan# 764
Delta R.T. 0.006 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

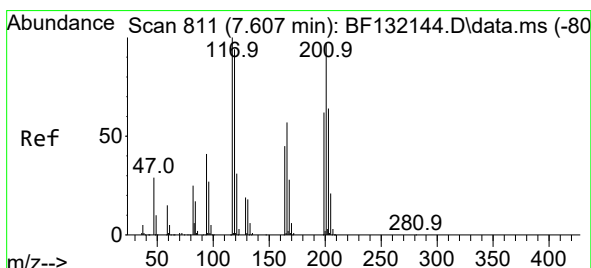
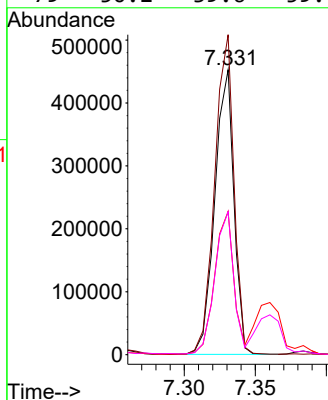
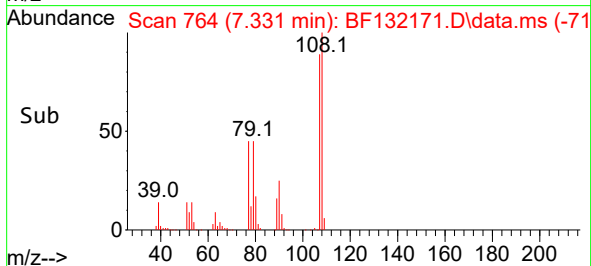
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



Tgt Ion:107 Resp: 42225
Ion Ratio Lower Upper
107 100
108 112.3 92.8 139.2
77 50.2 41.1 61.7
79 50.2 39.6 59.4

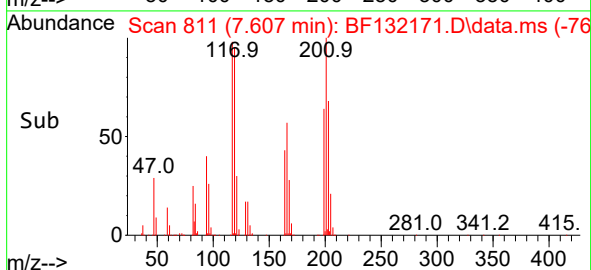
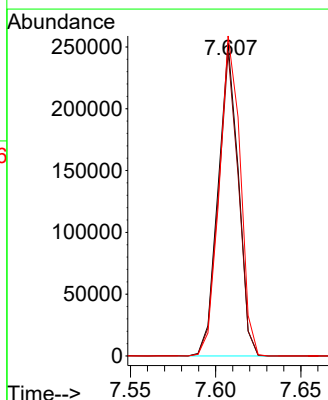
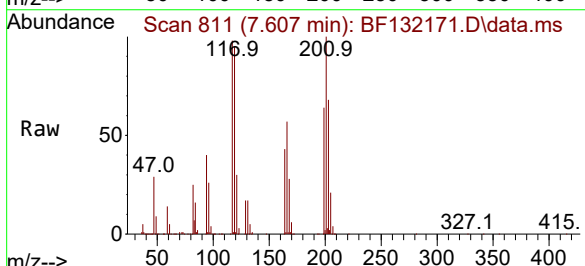
Manual Integrations
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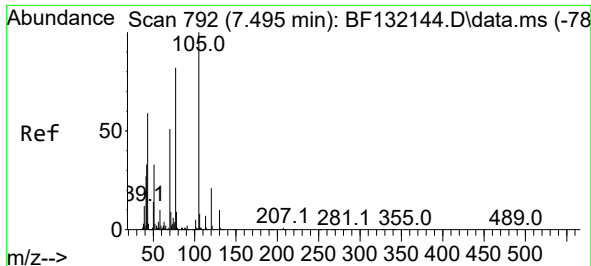
Reviewed By :Christian
Giraldo
01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023



#18
Hexachloroethane
Concen: 46.772 ng
RT: 7.607 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

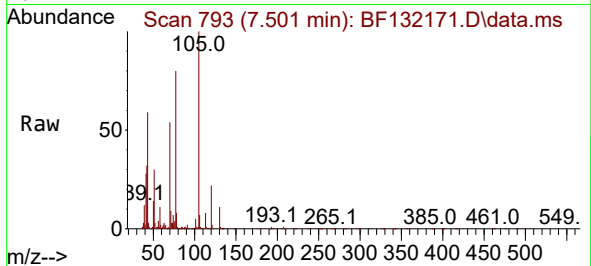
Tgt Ion:117 Resp: 207584
Ion Ratio Lower Upper
117 100
119 97.1 75.4 113.0
201 102.4 77.9 116.9





#19
n-Nitroso-di-n-propylamine
Concen: 42.857 ng
RT: 7.501 min Scan# 792
Delta R.T. 0.006 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

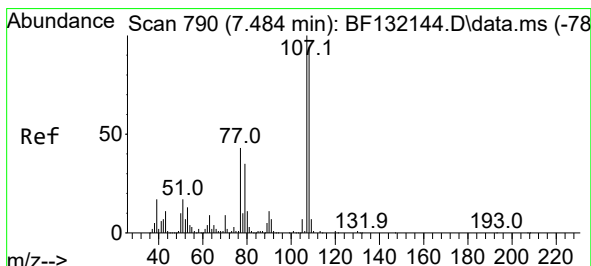
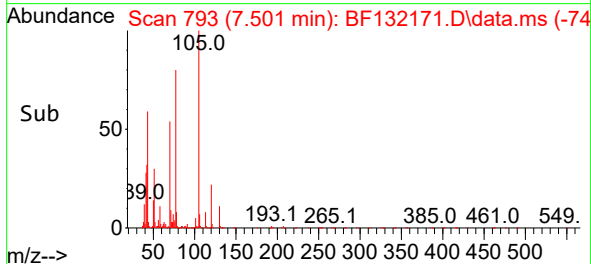
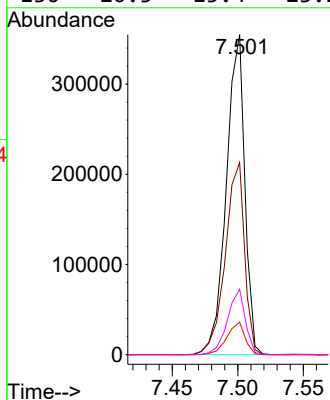
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



Tgt Ion: 70 Resp: 348478
Ion Ratio Lower Upper
70 100
42 60.0 51.0 76.4
101 10.1 7.3 10.9
130 20.5 15.4 23.2

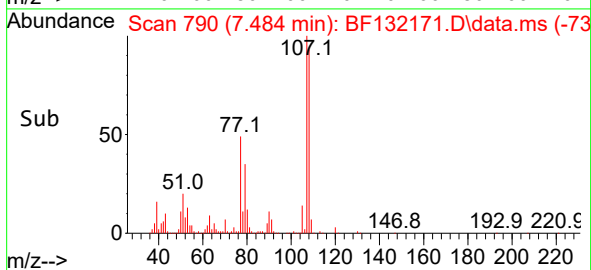
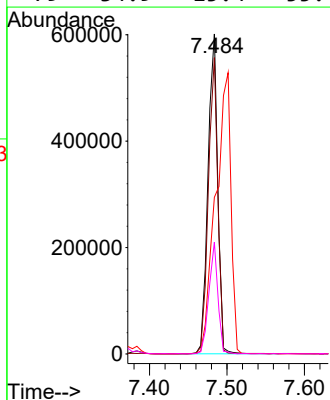
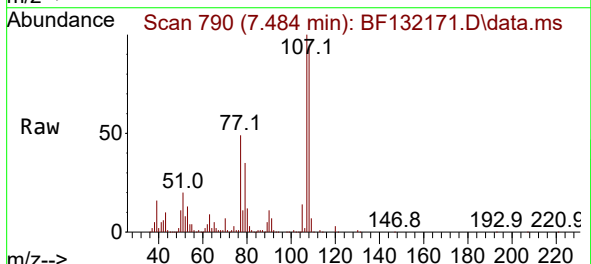
Manual Integrations
APPROVED

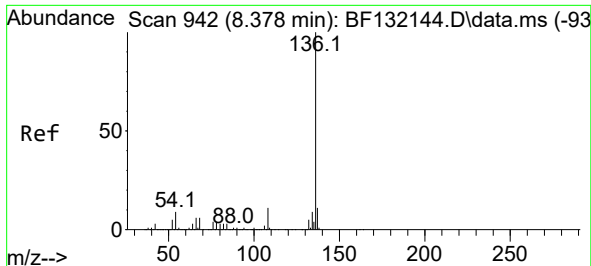
Reviewed By :Christian
Giraldo
01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023



#20
3+4-Methylphenols
Concen: 42.970 ng
RT: 7.484 min Scan# 790
Delta R.T. -0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

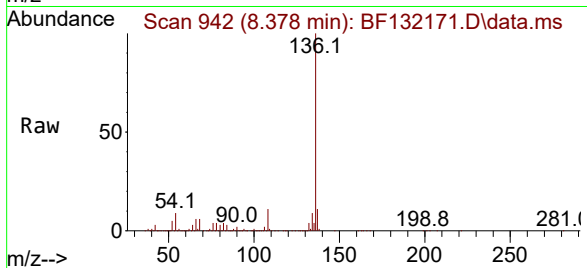
Tgt Ion:107 Resp: 525790
Ion Ratio Lower Upper
107 100
108 92.6 73.8 113.8
77 49.0 22.8 62.8
79 34.9 15.4 55.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.378 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

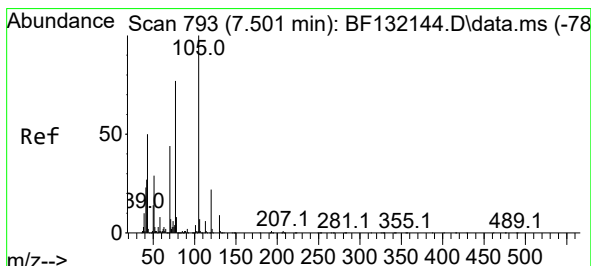
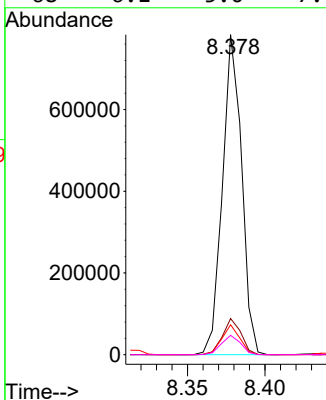
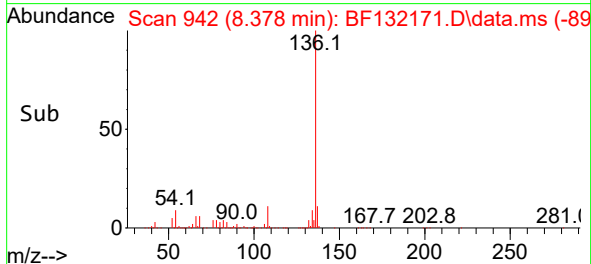
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



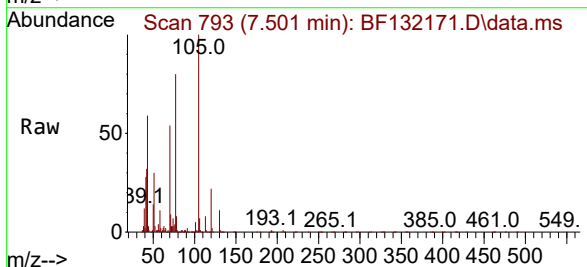
Tgt Ion:136 Resp: 674454
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 9.4 7.0 10.6
68 6.1 5.0 7.6

Manual Integrations
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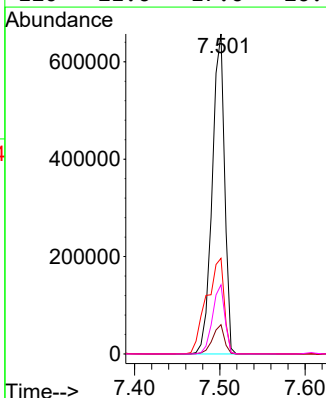
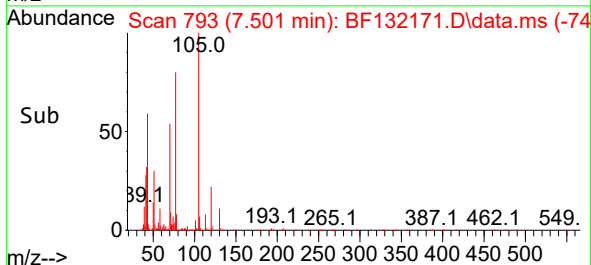
Reviewed By :Christian
Giraldo
01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023

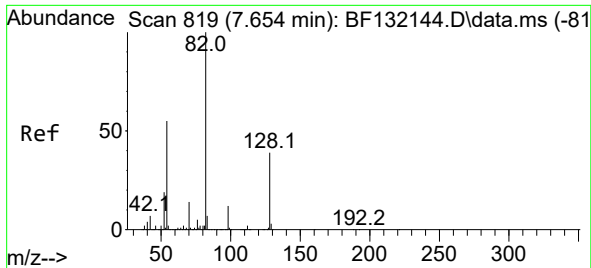


#22
Acetophenone
Concen: 41.062 ng
RT: 7.501 min Scan# 793
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35



Tgt Ion:105 Resp: 665637
Ion Ratio Lower Upper
105 100
71 9.2 5.8 8.6#
51 29.9 23.0 34.6
120 21.6 17.6 26.4





#23

Nitrobenzene-d5

Concen: 81.365 ng

RT: 7.654 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF132171.D

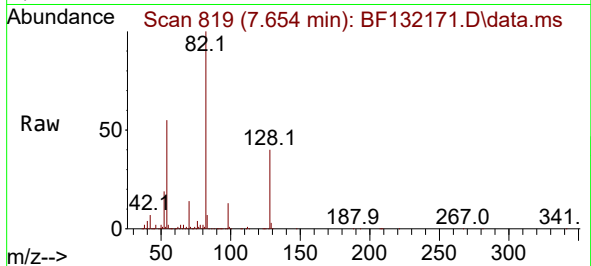
Acq: 20 Jan 2023 20:35

Instrument :

BNA_F

ClientSampleId :

B-P34AMS



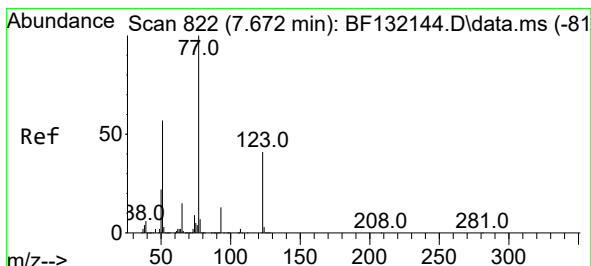
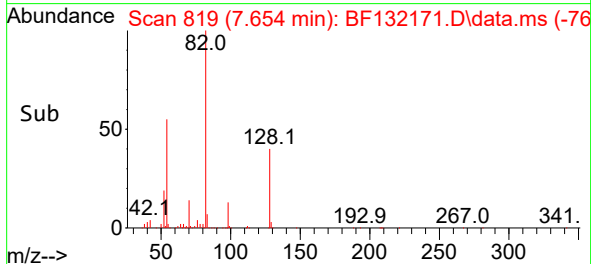
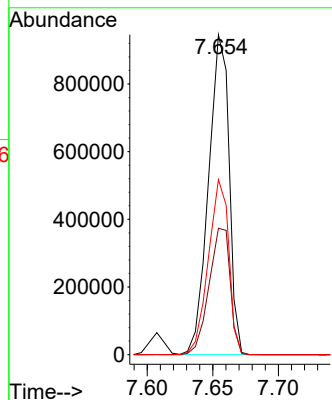
Tgt Ion: 82 Resp: 1033020

Ion	Ratio	Lower	Upper
82	100		
128	39.5	31.1	46.7
54	54.7	43.9	65.9

Manual Integrations
APPROVED

Reviewed By :Christian
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01/23/2023

Supervised By :Jagrut
Upadhyay
01/23/2023



#24

Nitrobenzene

Concen: 42.745 ng

RT: 7.678 min Scan# 823

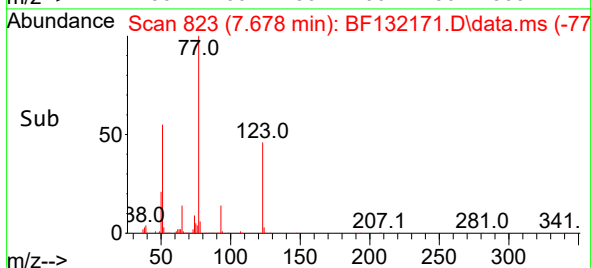
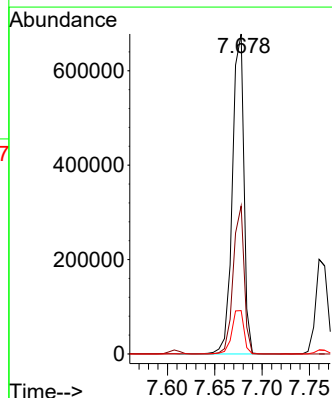
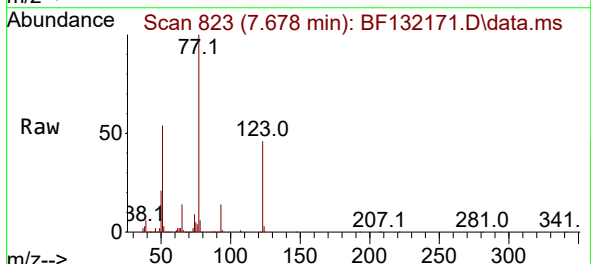
Delta R.T. 0.006 min

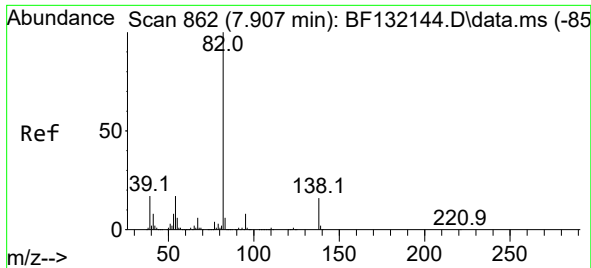
Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

Tgt Ion: 77 Resp: 574598

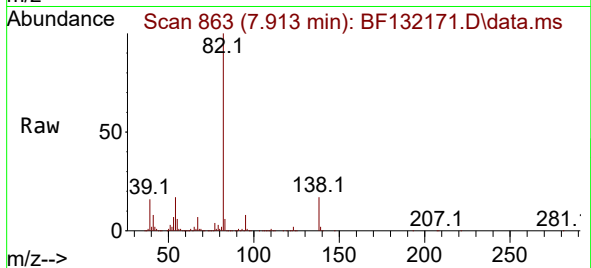
Ion	Ratio	Lower	Upper
77	100		
123	46.2	33.1	49.7
65	13.5	11.7	17.5





#25
Isophorone
Concen: 42.749 ng
RT: 7.913 min Scan# 863
Delta R.T. 0.006 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

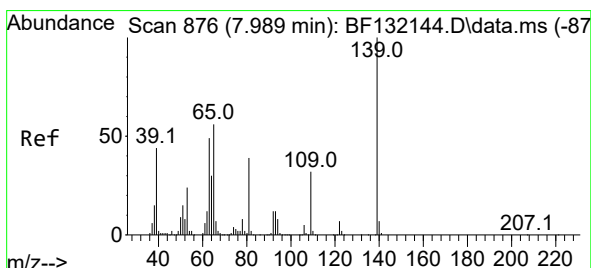
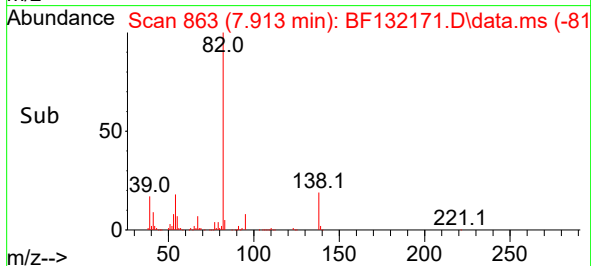
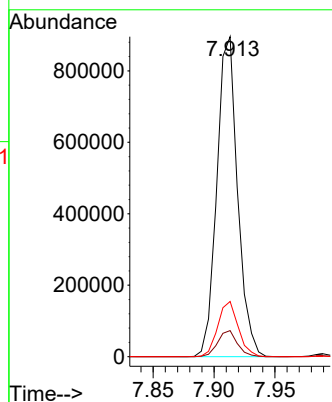
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



Tgt Ion: 82 Resp: 1061960
Ion Ratio Lower Upper
82 100
95 8.1 6.2 9.2
138 17.2 12.9 19.3

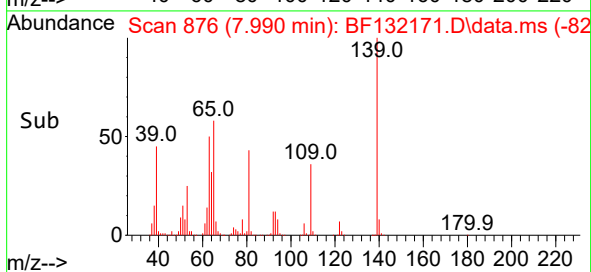
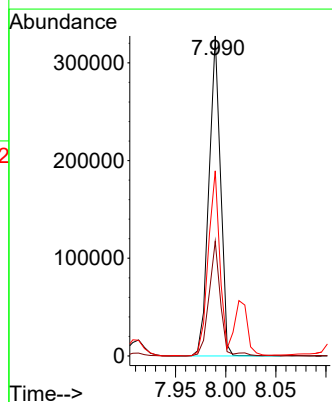
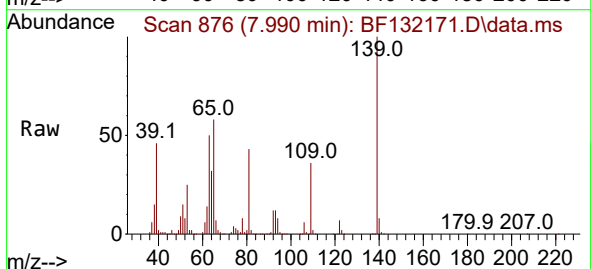
Manual Integrations
APPROVED

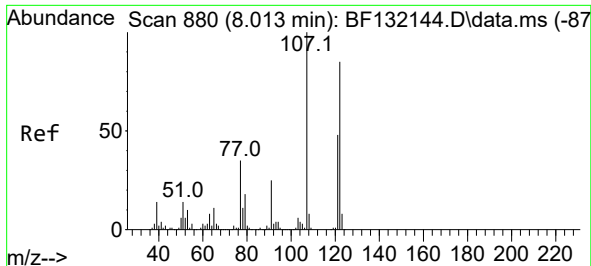
Reviewed By :Christian
Giraldo
01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023



#26
2-Nitrophenol
Concen: 51.662 ng
RT: 7.990 min Scan# 876
Delta R.T. 0.001 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

Tgt Ion:139 Resp: 264966
Ion Ratio Lower Upper
139 100
109 35.9 25.8 38.8
65 57.8 44.6 66.8





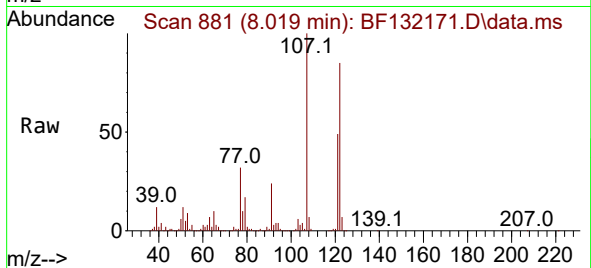
#27
2,4-Dimethylphenol
Concen: 44.353 ng
RT: 8.019 min Scan# 880
Delta R.T. 0.006 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

Instrument :

BNA_F

ClientSampleId :

B-P34AMS

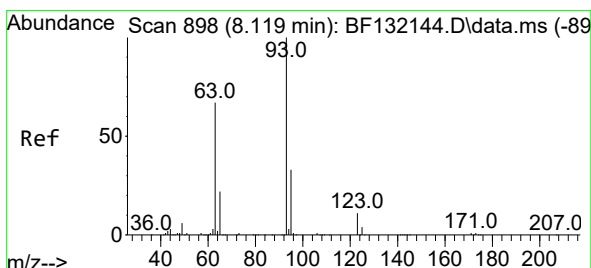
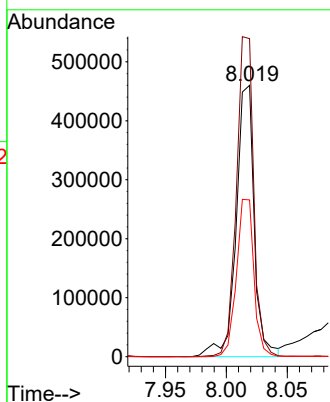
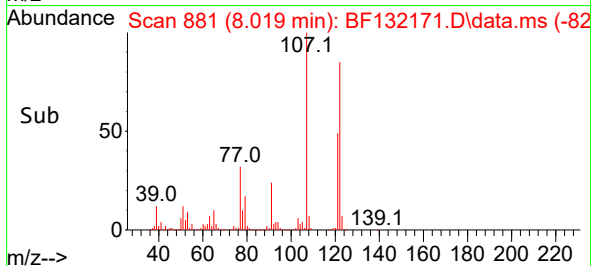


Tgt Ion:122 Resp: 47675
Ion Ratio Lower Upper
122 100
107 117.2 94.2 141.4
121 57.8 45.6 68.4

Manual Integrations
APPROVED

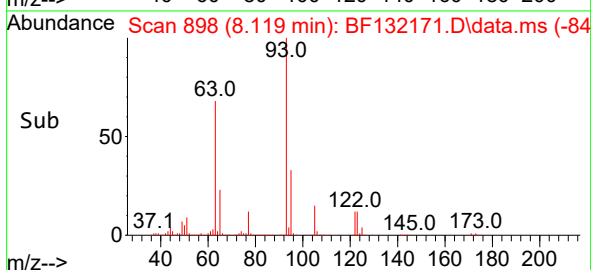
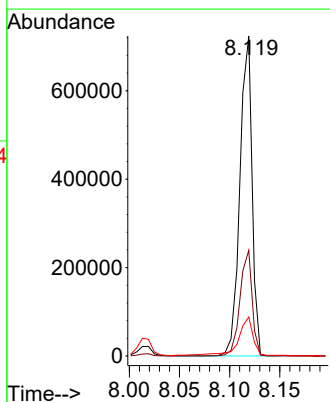
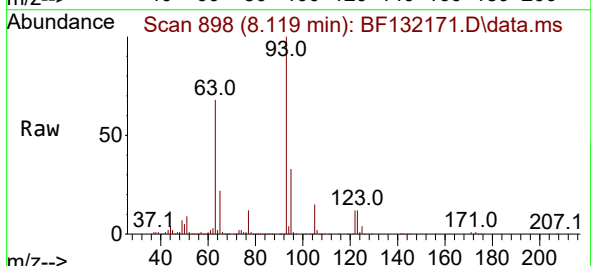
Reviewed By :Christian
Giraldo
01/23/2023

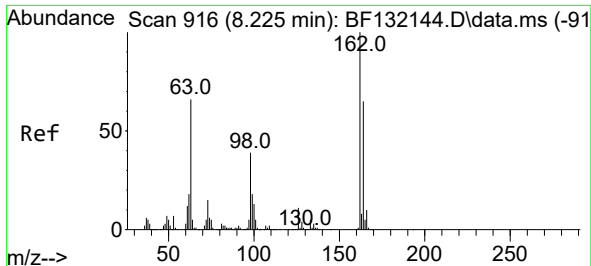
Supervised By :Jagrut
Upadhyay
01/23/2023



#28
bis(2-Chloroethoxy)methane
Concen: 41.142 ng
RT: 8.119 min Scan# 898
Delta R.T. -0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

Tgt Ion: 93 Resp: 613210
Ion Ratio Lower Upper
93 100
95 33.0 26.2 39.2
123 12.2 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 43.975 ng

RT: 8.231 min Scan# 916

Delta R.T. 0.006 min

Lab File: BF132171.D

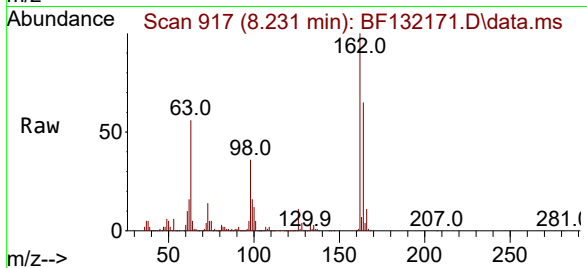
Acq: 20 Jan 2023 20:35

Instrument :

BNA_F

ClientSampleId :

B-P34AMS



Tgt Ion:162 Resp: 448760

Ion Ratio Lower Upper

162 100

164 64.5 44.7 84.7

98 36.1 18.8 58.8

Manual Integrations

APPROVED

Reviewed By :Christian

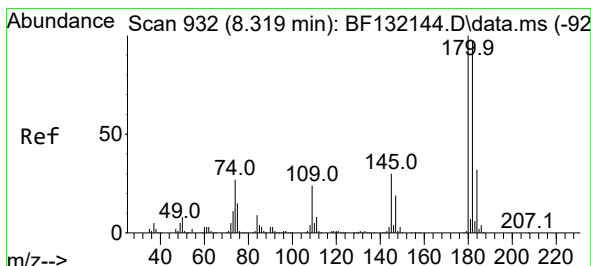
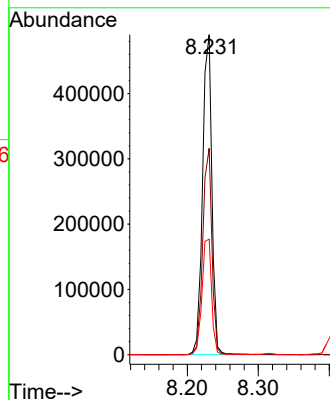
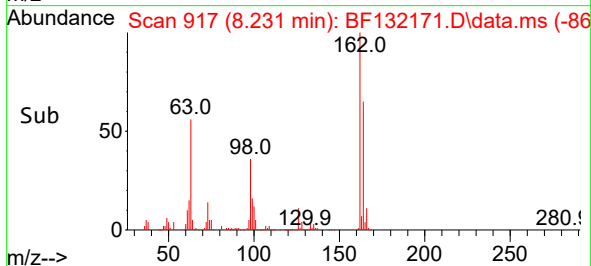
Giraldo

01/23/2023

Supervised By :Jagrut

Upadhyay

01/23/2023



#30

1,2,4-Trichlorobenzene

Concen: 42.222 ng

RT: 8.319 min Scan# 932

Delta R.T. 0.000 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

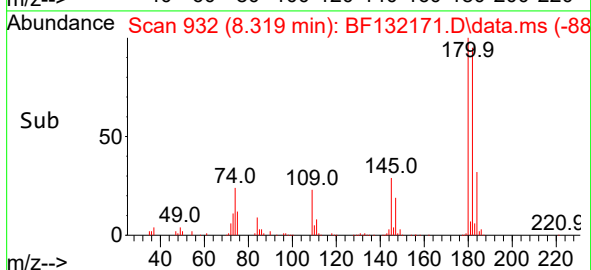
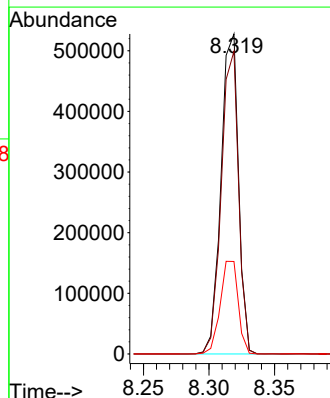
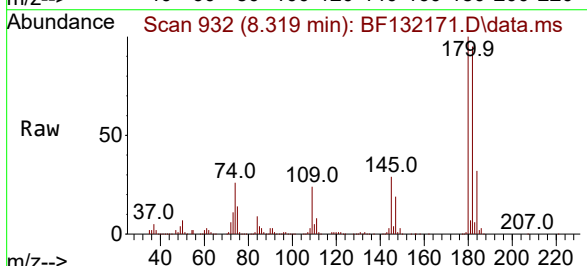
Tgt Ion:180 Resp: 489393

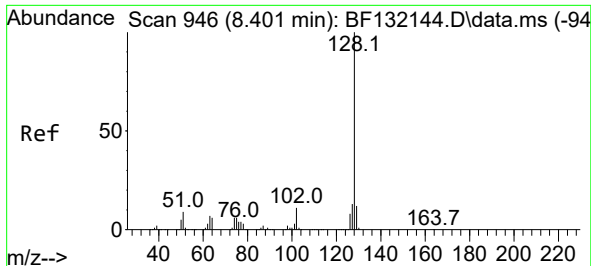
Ion Ratio Lower Upper

180 100

182 94.6 77.4 116.0

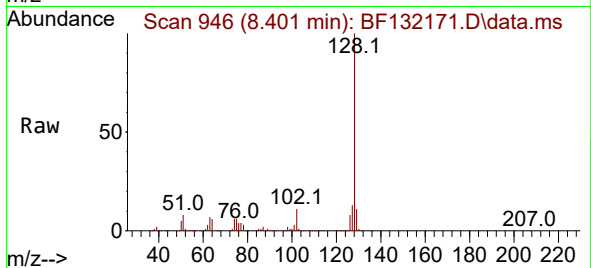
145 28.9 23.8 35.6





#31
Naphthalene
Concen: 40.435 ng
RT: 8.401 min Scan# 946
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

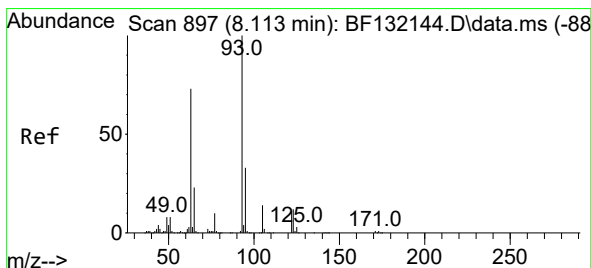
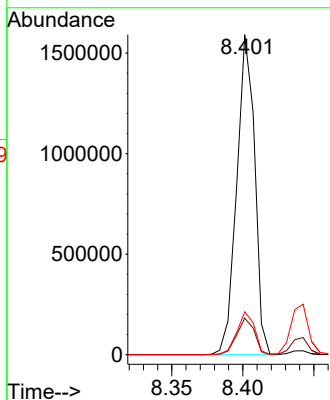
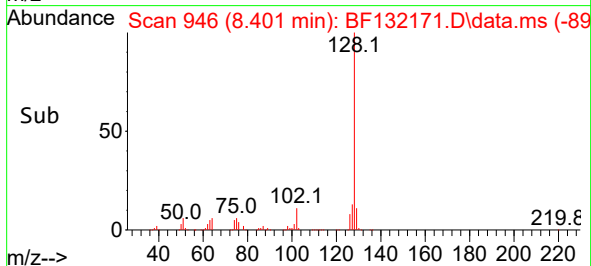
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



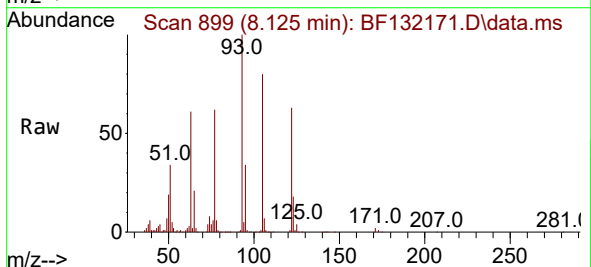
Tgt Ion:128 Resp: 140060
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.4 10.6 15.8

Manual Integrations
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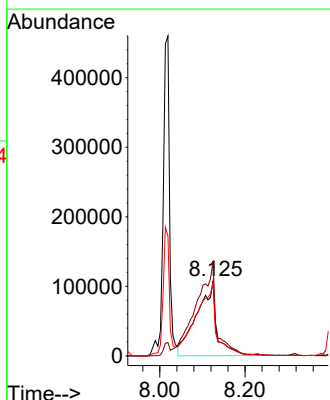
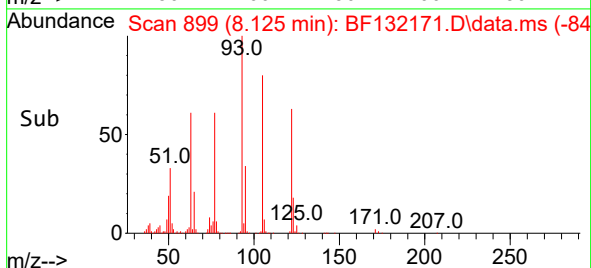
Reviewed By :Christian
Giraldo
01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023

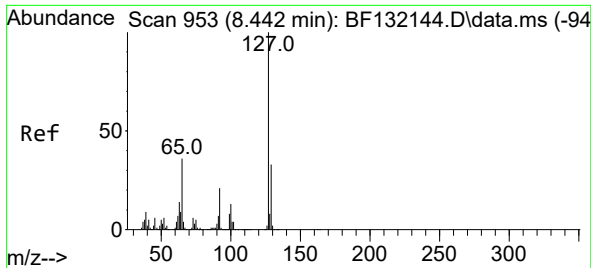


#32
Benzoic acid
Concen: 48.858 ng
RT: 8.125 min Scan# 899
Delta R.T. 0.012 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35



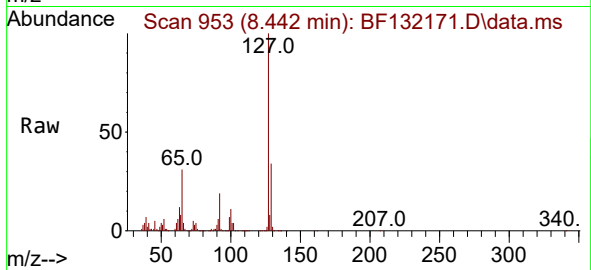
Tgt Ion:122 Resp: 351863
Ion Ratio Lower Upper
122 100
105 126.8 96.8 136.8
77 98.3 72.5 112.5





#33
4-Chloroaniline
Concen: 15.018 ng
RT: 8.442 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

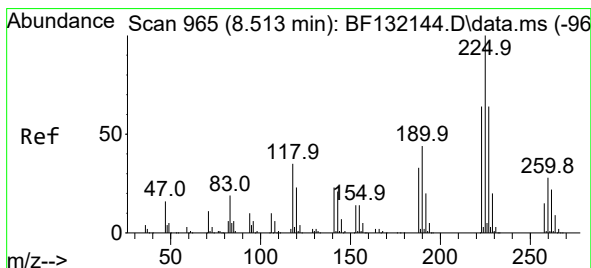
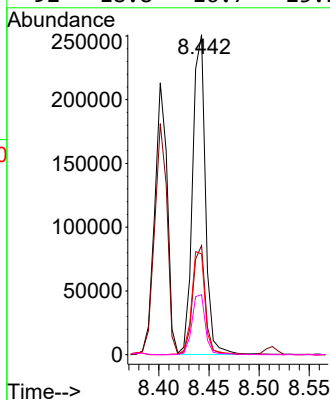
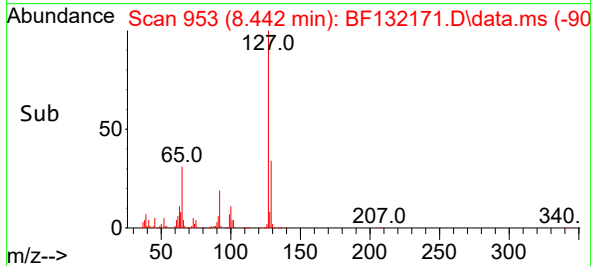
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



Tgt Ion:127 Resp: 222620
Ion Ratio Lower Upper
127 100
129 34.1 26.0 39.0
65 31.5 28.4 42.6
92 18.8 16.7 25.1

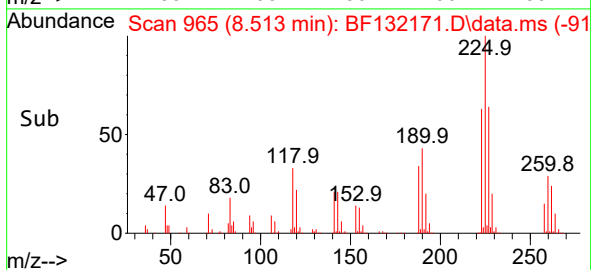
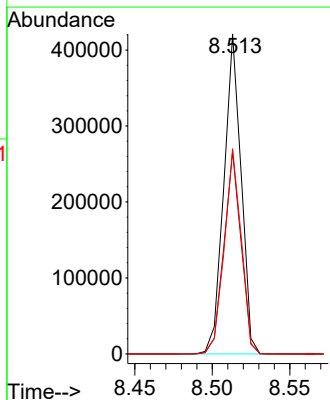
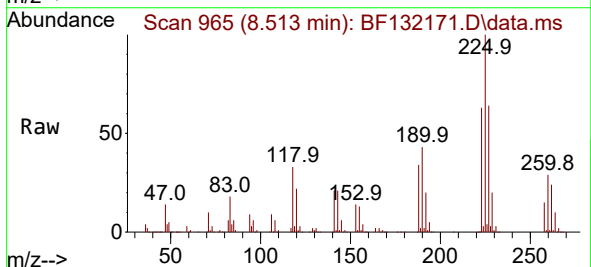
Manual Integrations
APPROVED

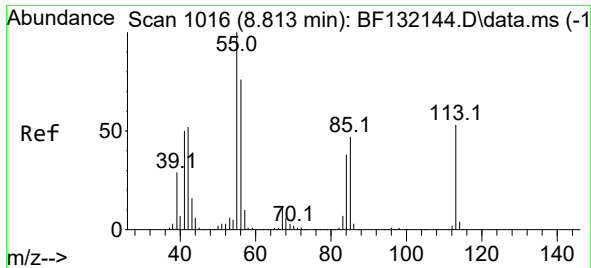
Reviewed By :Christian
Giraldo
01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023



#34
Hexachlorobutadiene
Concen: 41.776 ng
RT: 8.513 min Scan# 965
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

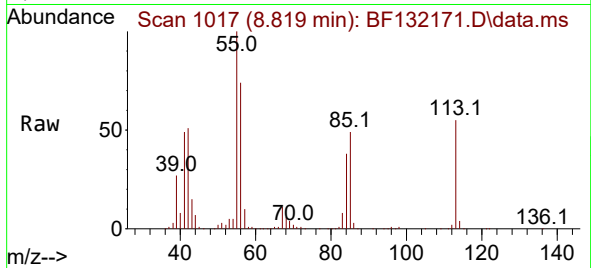
Tgt Ion:225 Resp: 325291
Ion Ratio Lower Upper
225 100
223 63.2 50.9 76.3
227 64.2 50.8 76.2





#35
Caprolactam
Concen: 51.751 ng m
RT: 8.819 min Scan# 1016
Delta R.T. 0.006 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

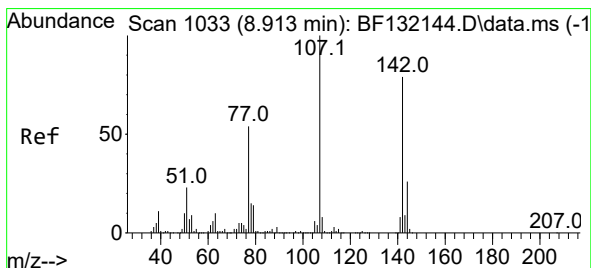
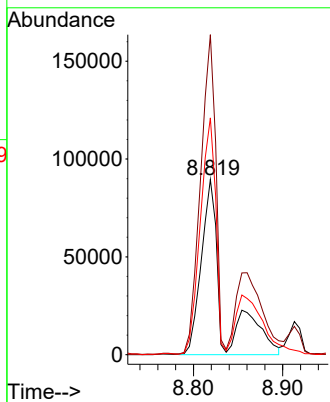
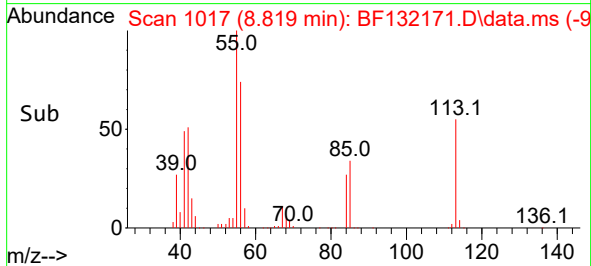
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



Tgt Ion:113 Resp: 149764
Ion Ratio Lower Upper
113 100
55 182.6 167.5 207.5
56 135.1 122.0 162.0

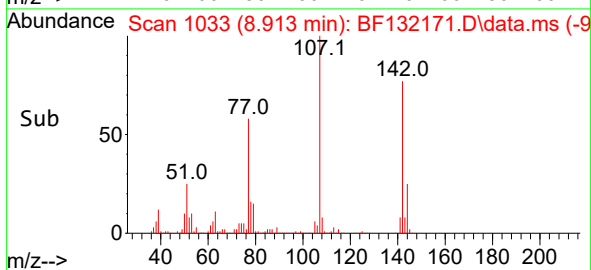
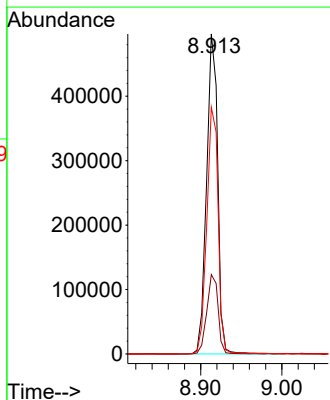
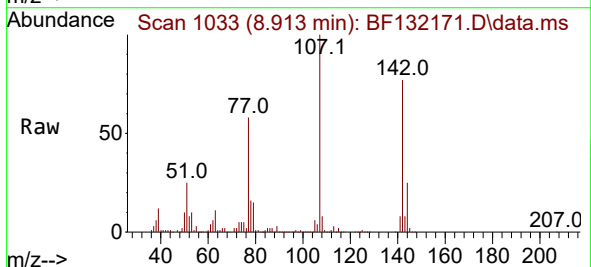
Manual Integrations
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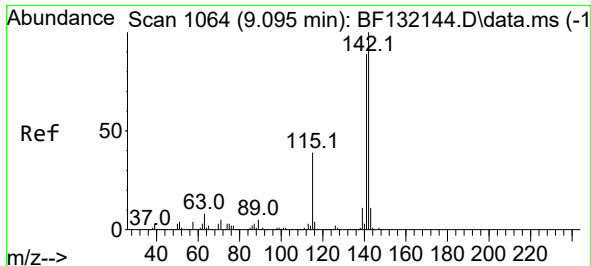
Reviewed By :Christian
Giraldo
01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023



#36
4-Chloro-3-methylphenol
Concen: 45.831 ng
RT: 8.913 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

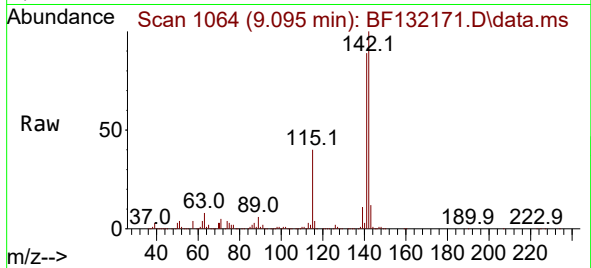
Tgt Ion:107 Resp: 470663
Ion Ratio Lower Upper
107 100
144 24.8 21.0 31.4
142 77.1 63.6 95.4





#37
2-Methylnaphthalene
Concen: 38.790 ng
RT: 9.095 min Scan# 1064
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

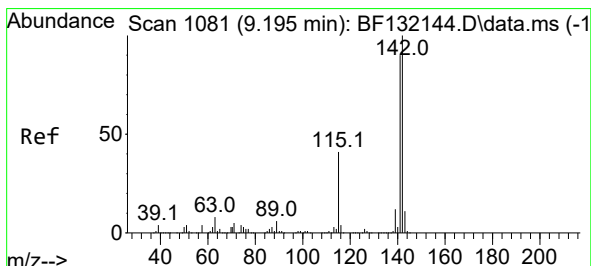
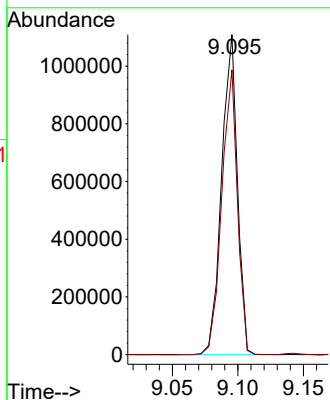
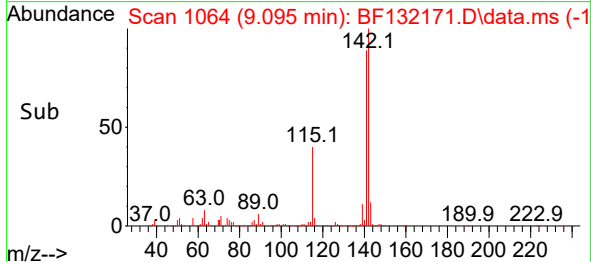
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



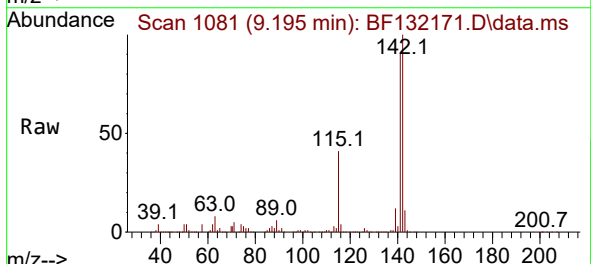
Tgt Ion:142 Resp: 925079
Ion Ratio Lower Upper
142 100
141 89.0 71.1 106.7

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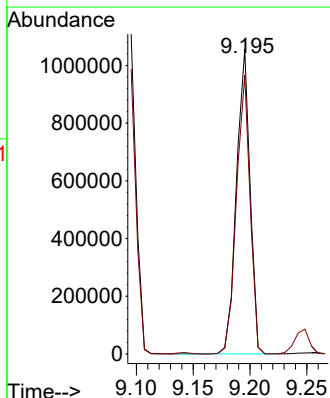
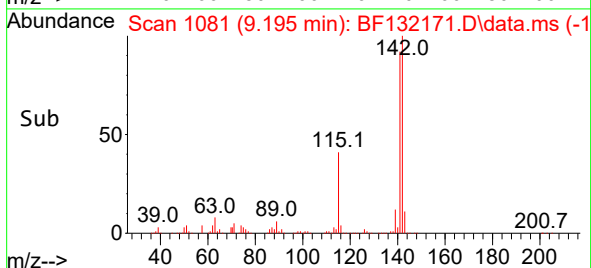
Reviewed By :Christian
Giraldo
01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023

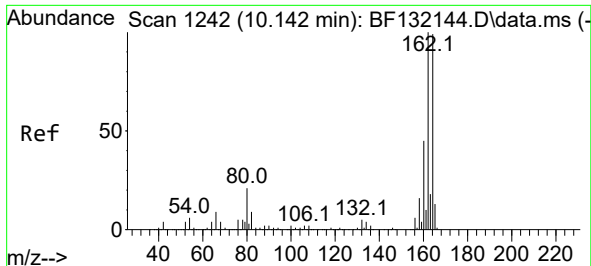


#38
1-Methylnaphthalene
Concen: 39.527 ng
RT: 9.195 min Scan# 1081
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35



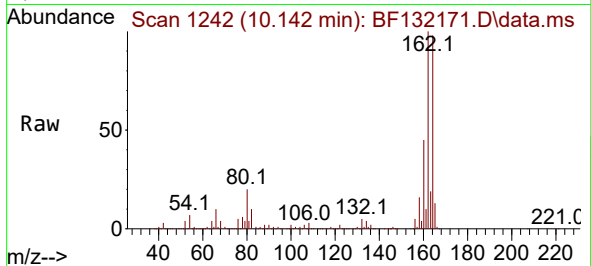
Tgt Ion:142 Resp: 877096
Ion Ratio Lower Upper
142 100
141 91.5 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.142 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

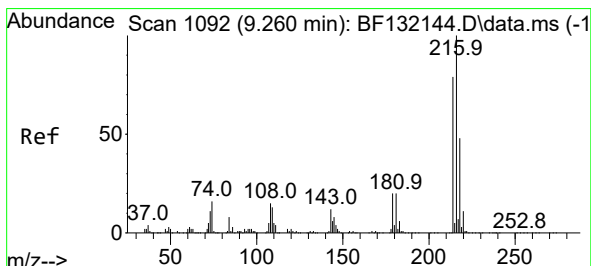
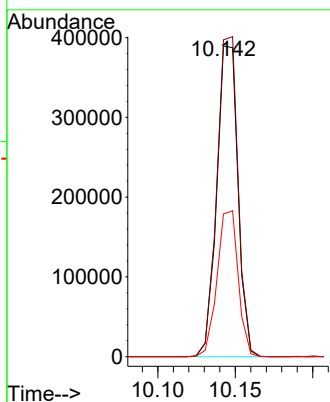
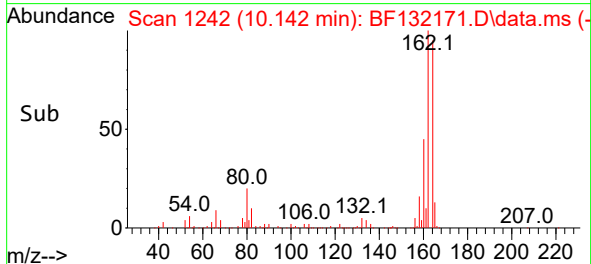
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



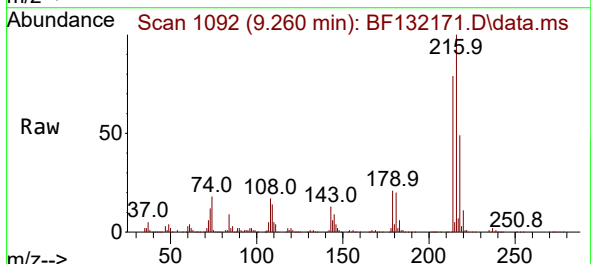
Tgt Ion:164 Resp: 36904
Ion Ratio Lower Upper
164 100
162 102.0 81.2 121.8
160 46.0 36.9 55.3

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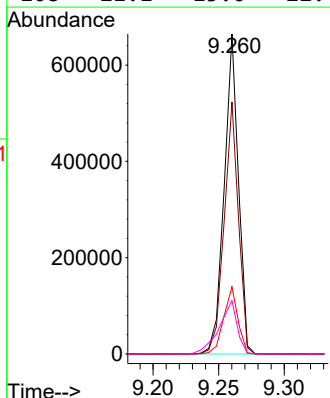
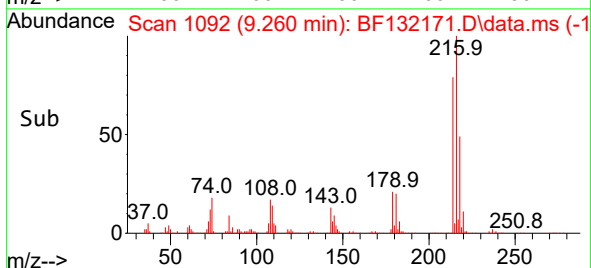
Reviewed By :Christian
Giraldo
01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023

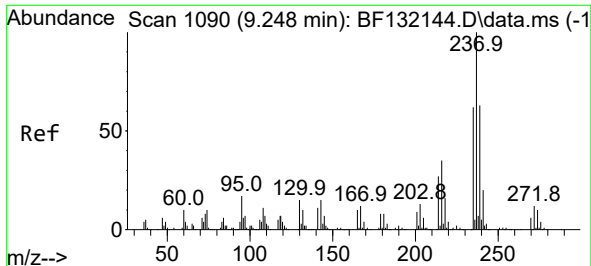


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.012 ng
RT: 9.260 min Scan# 1092
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35



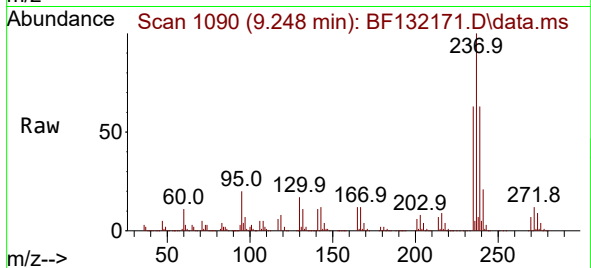
Tgt Ion:216 Resp: 500922
Ion Ratio Lower Upper
216 100
214 78.9 63.1 94.7
179 20.9 16.6 24.8
108 21.1 15.0 22.4





#41
Hexachlorocyclopentadiene
Concen: 92.788 ng
RT: 9.248 min Scan# 1090
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

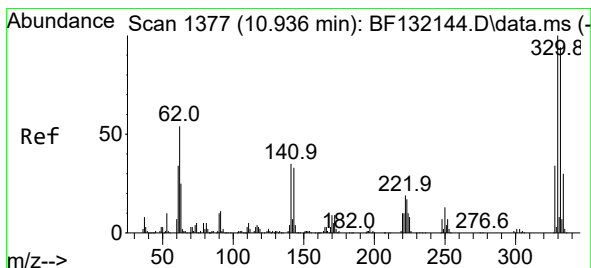
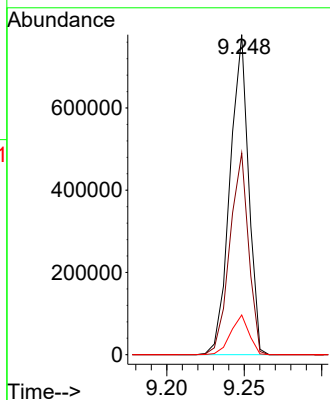
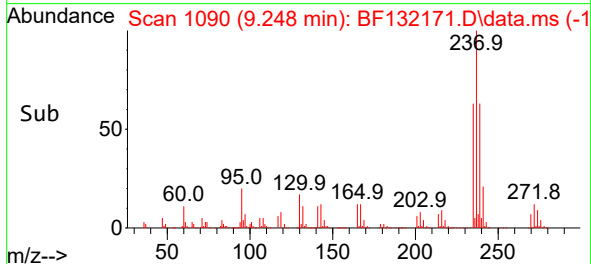
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



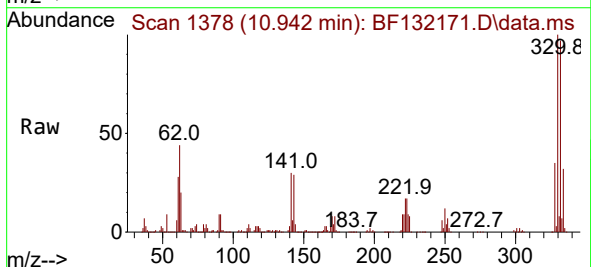
Tgt Ion: 237 Resp: 650140
Ion Ratio Lower Upper
237 100
235 63.0 41.7 81.7
272 12.4 0.0 32.3

Manual Integrations
APPROVED

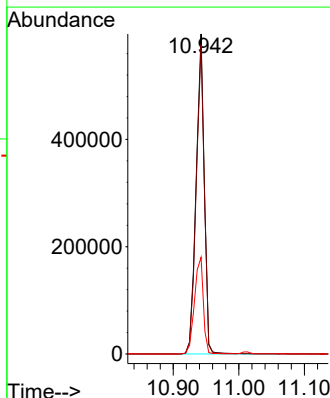
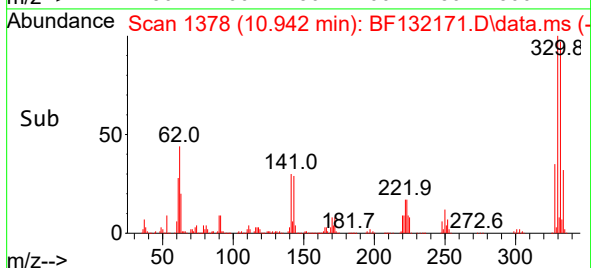
Reviewed By : Christian
Giraldo
01/23/2023
Supervised By : Jagrut
Upadhyay
01/23/2023

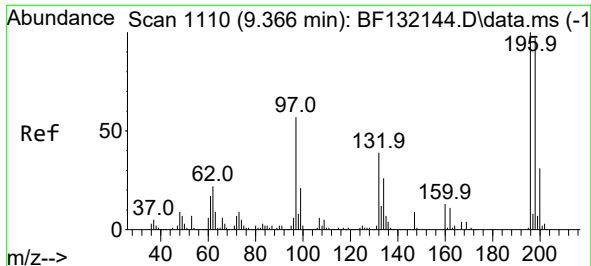


#42
2,4,6-Tribromophenol
Concen: 131.484 ng
RT: 10.942 min Scan# 1378
Delta R.T. 0.006 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35



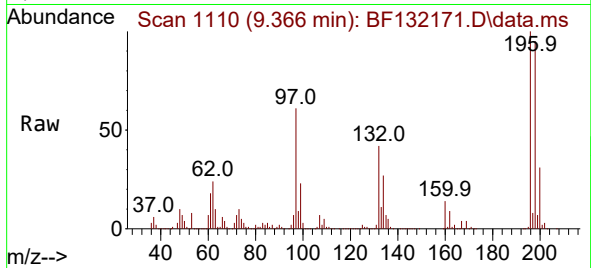
Tgt Ion: 330 Resp: 518300
Ion Ratio Lower Upper
330 100
332 96.5 75.6 113.4
141 32.6 27.1 40.7





#43
2,4,6-Trichlorophenol
Concen: 44.387 ng
RT: 9.366 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

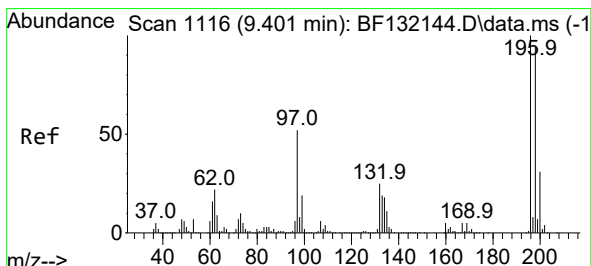
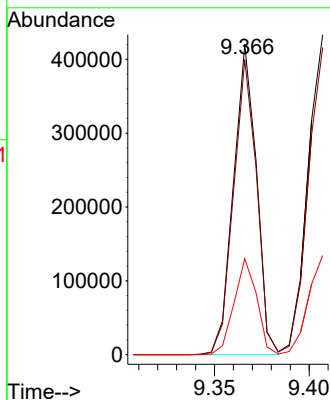
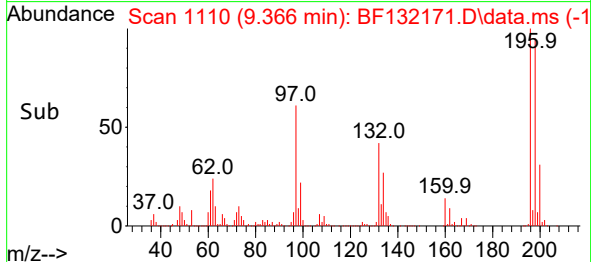
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



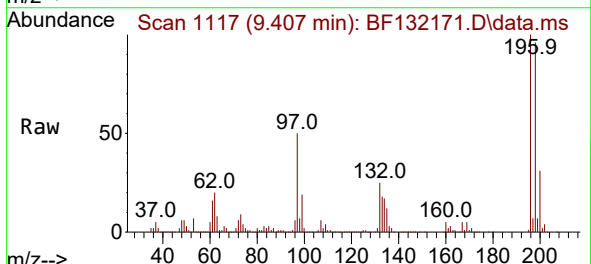
Tgt Ion:196 Resp: 353715
Ion Ratio Lower Upper
196 100
198 95.1 77.4 116.2
200 31.0 24.9 37.3

Manual Integrations
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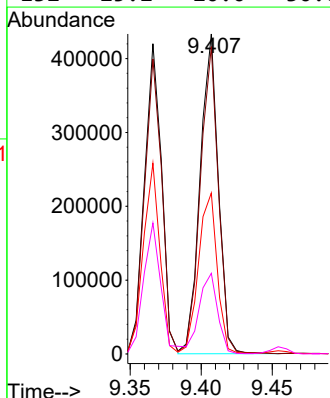
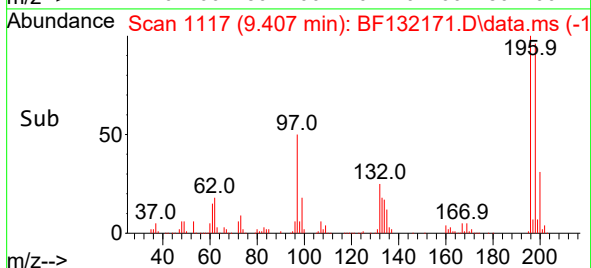
Reviewed By :Christian
Giraldo
01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023

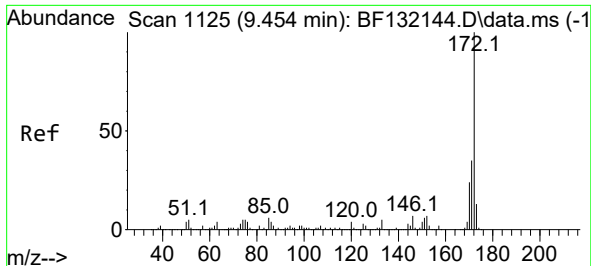


#44
2,4,5-Trichlorophenol
Concen: 41.518 ng
RT: 9.407 min Scan# 1117
Delta R.T. 0.006 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35



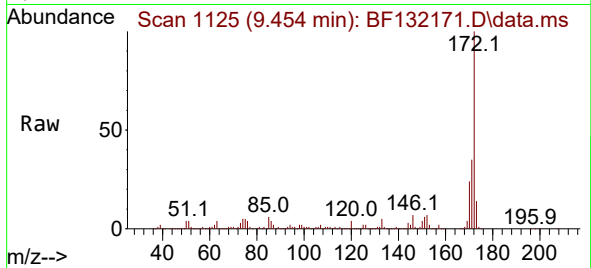
Tgt Ion:196 Resp: 386938
Ion Ratio Lower Upper
196 100
198 96.1 75.3 112.9
97 50.3 41.3 61.9
132 25.2 20.0 30.0





#45
2-Fluorobiphenyl
Concen: 65.701 ng
RT: 9.454 min Scan# 1125
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

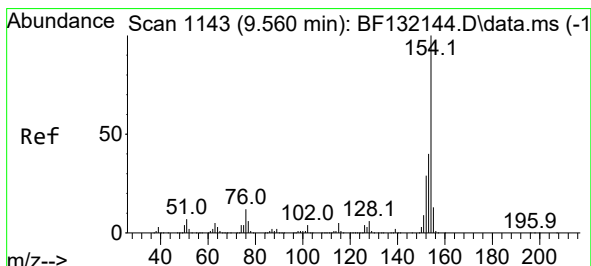
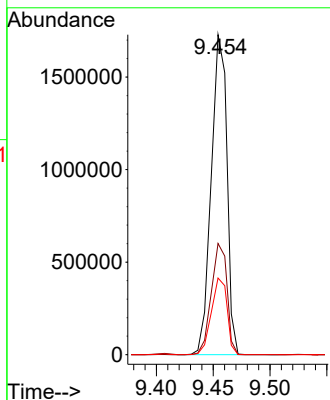
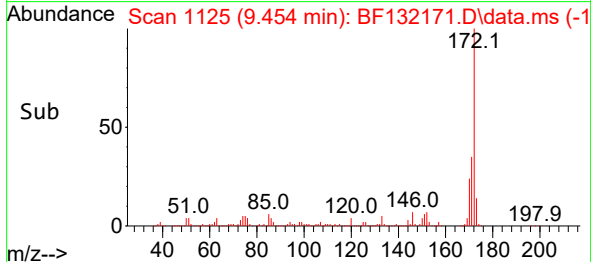
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



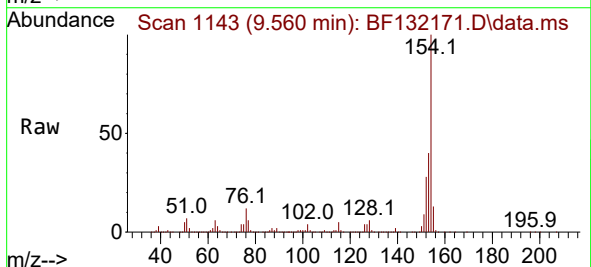
Tgt Ion:172 Resp: 1659325
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 24.0 19.6 29.4

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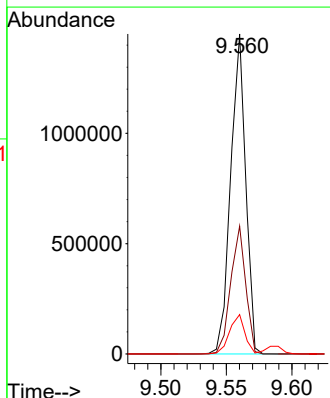
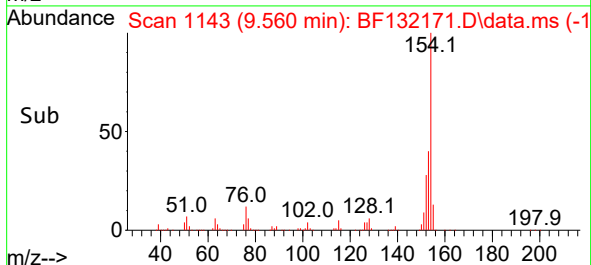
Reviewed By :Christian
Giraldo
01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023

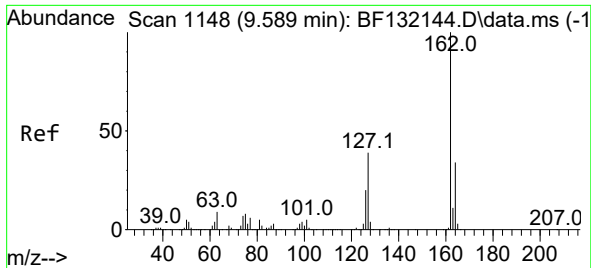


#46
1,1'-Biphenyl
Concen: 39.762 ng
RT: 9.560 min Scan# 1143
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35



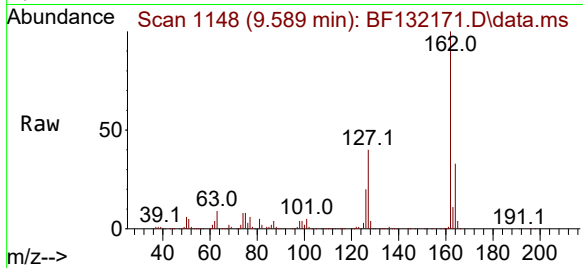
Tgt Ion:154 Resp: 1157682
Ion Ratio Lower Upper
154 100
153 40.0 20.2 60.2
76 12.3 0.0 32.2





#47
2-Chloronaphthalene
Concen: 41.075 ng
RT: 9.589 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

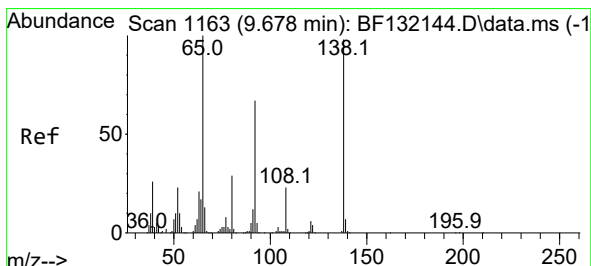
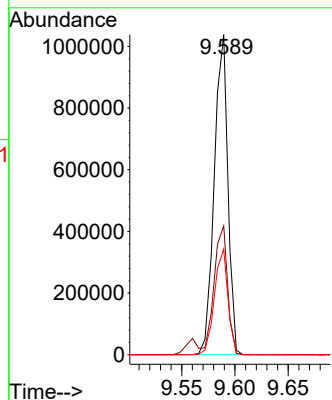
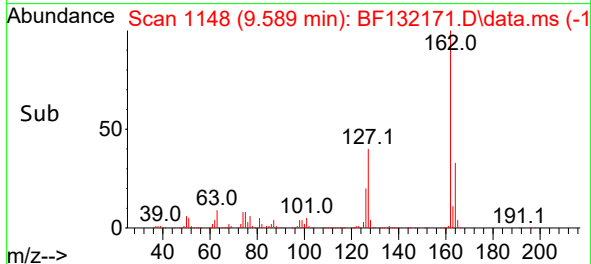
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



Tgt Ion:162 Resp: 92447
Ion Ratio Lower Upper
162 100
127 40.2 31.1 46.7
164 33.0 26.9 40.3

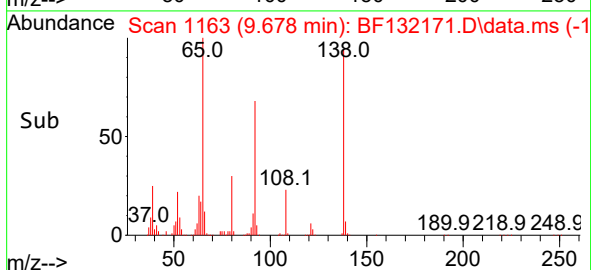
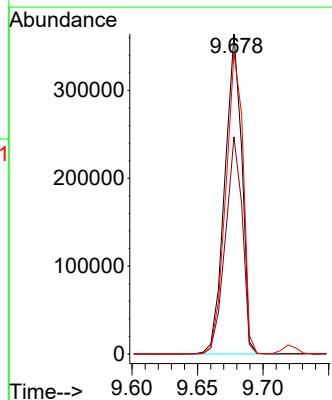
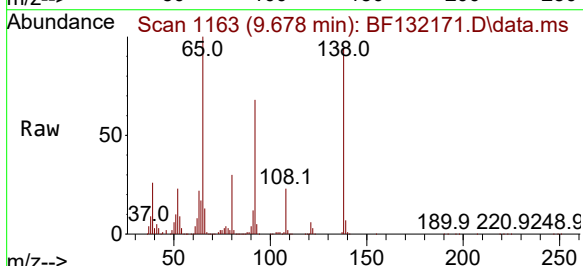
Manual Integrations
APPROVED

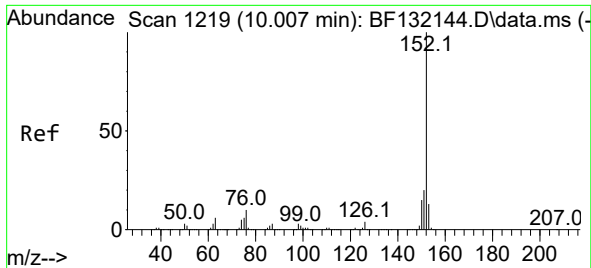
Reviewed By :Christian
Giraldo
01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023



#48
2-Nitroaniline
Concen: 45.547 ng
RT: 9.678 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

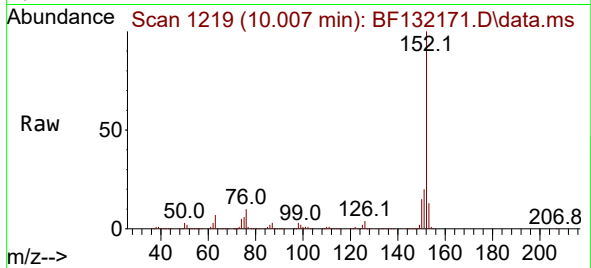
Tgt Ion: 65 Resp: 326841
Ion Ratio Lower Upper
65 100
92 67.8 53.8 80.6
138 94.0 78.7 118.1





#49
Acenaphthylene
Concen: 40.393 ng
RT: 10.007 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

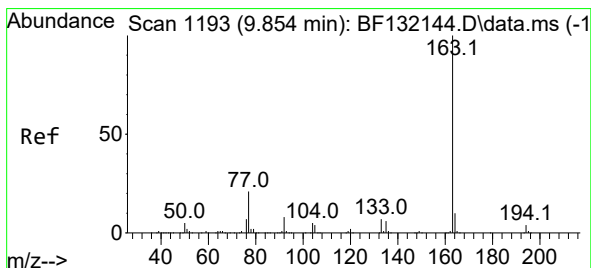
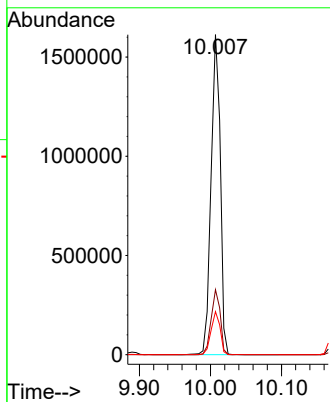
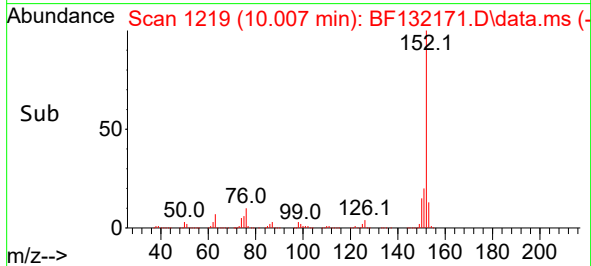
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



Tgt Ion:152 Resp: 145435
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 13.5 10.6 15.8

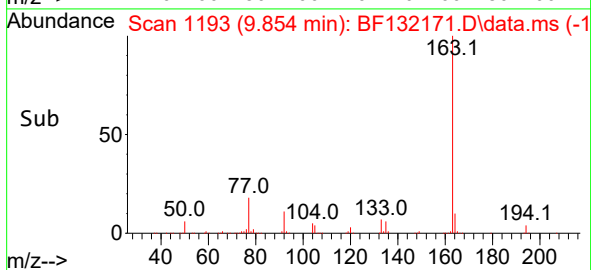
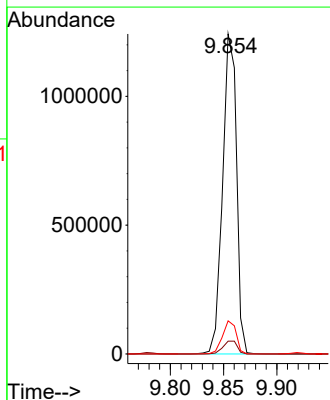
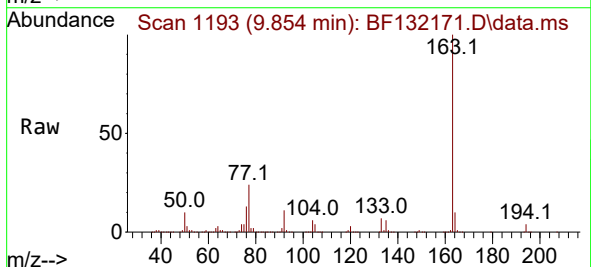
Manual Integrations
APPROVED

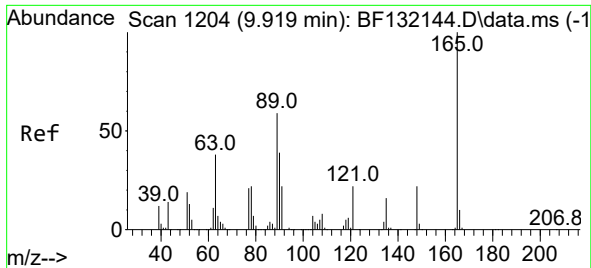
Reviewed By :Christian
Giraldo
01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023



#50
Dimethylphthalate
Concen: 41.987 ng
RT: 9.854 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

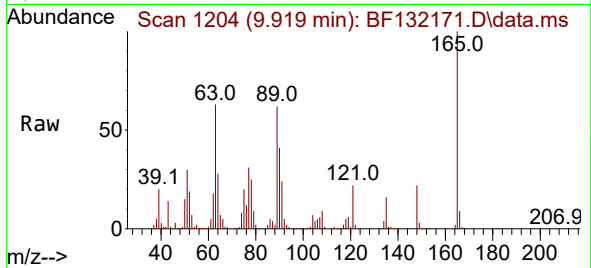
Tgt Ion:163 Resp: 1122254
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.4 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 50.073 ng
RT: 9.919 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

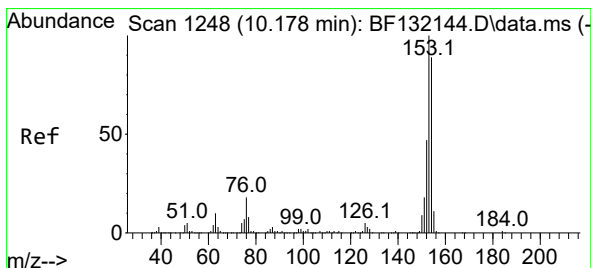
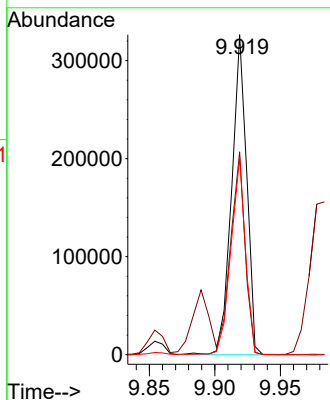
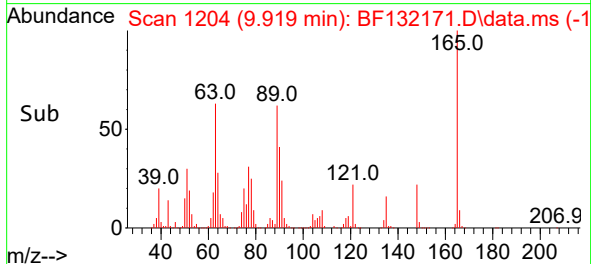
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



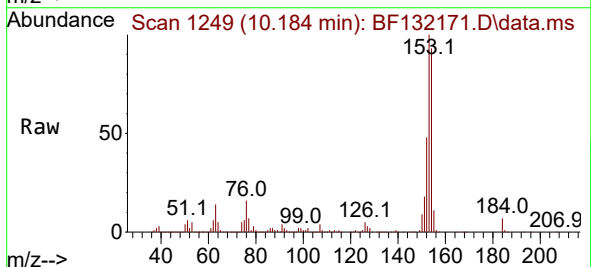
Tgt Ion:165 Resp: 259408
Ion Ratio Lower Upper
165 100
63 63.4 46.6 70.0
89 61.7 47.4 71.2

Manual Integrations
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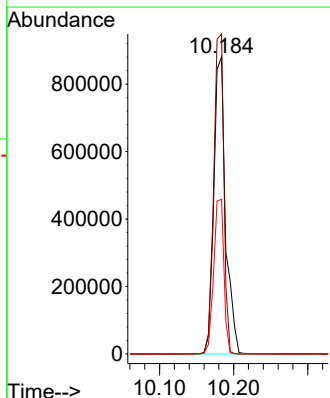
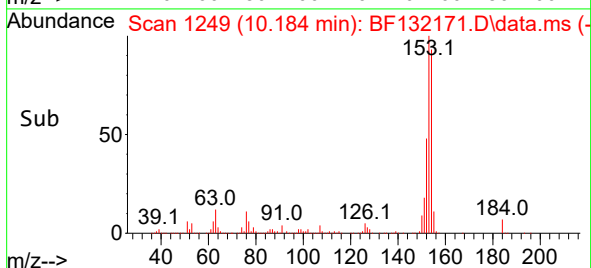
Reviewed By :Christian
Giraldo
01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023

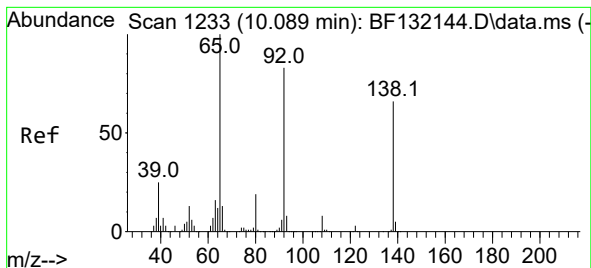


#52
Acenaphthene
Concen: 44.874 ng
RT: 10.184 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35



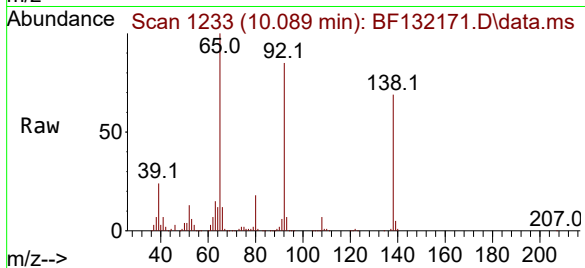
Tgt Ion:154 Resp: 971821
Ion Ratio Lower Upper
154 100
153 107.7 89.8 134.8
152 52.1 42.3 63.5





#53
3-Nitroaniline
Concen: 32.234 ng
RT: 10.089 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

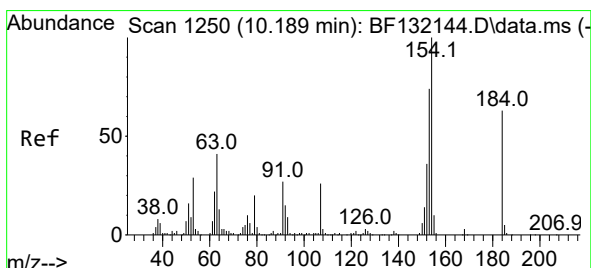
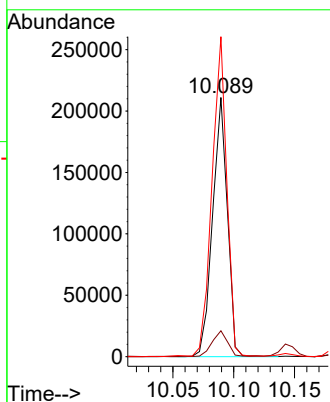
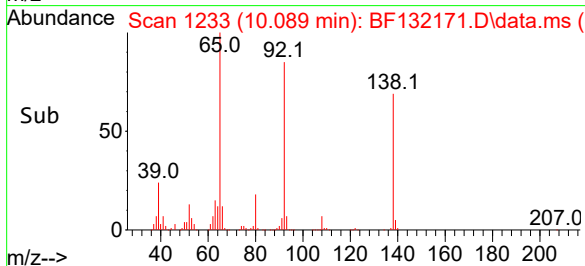
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



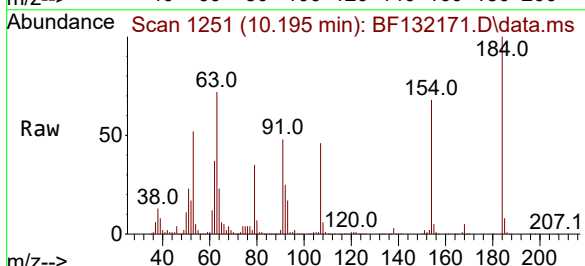
Tgt Ion:138 Resp: 17854
Ion Ratio Lower Upper
138 100
108 10.0 9.1 13.7
92 123.4 101.2 151.8

Manual Integrations
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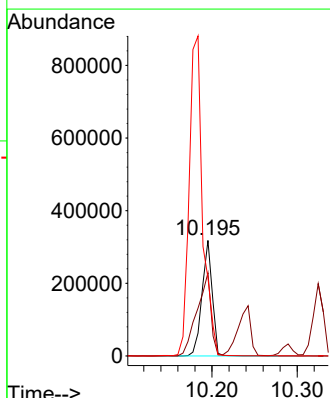
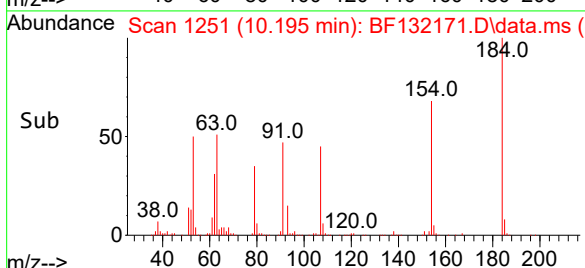
Reviewed By :Christian
Giraldo
01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023

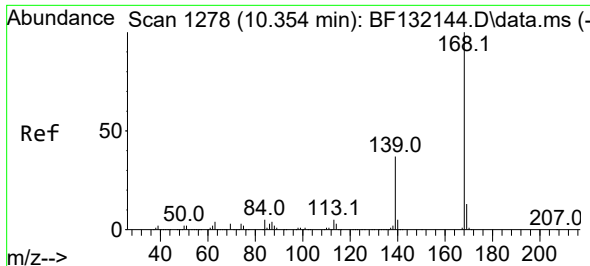


#54
2,4-Dinitrophenol
Concen: 108.068 ng
RT: 10.195 min Scan# 1251
Delta R.T. 0.006 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35



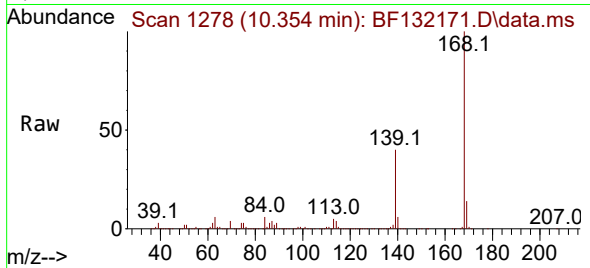
Tgt Ion:184 Resp: 266056
Ion Ratio Lower Upper
184 100
63 72.0 53.2 79.8
154 67.6 129.4 194.0#





#55
Dibenzenofuran
Concen: 39.654 ng
RT: 10.354 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

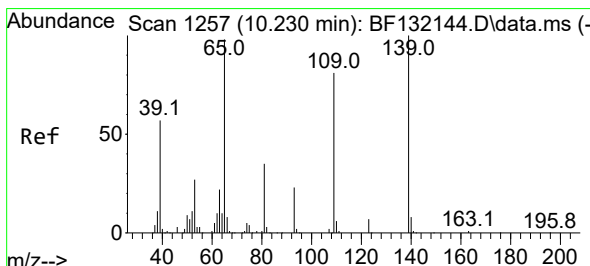
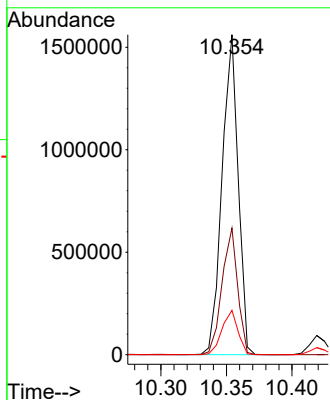
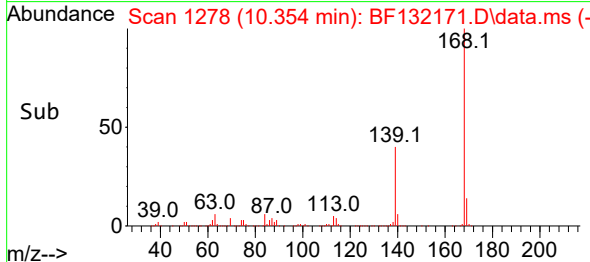
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



Tgt Ion:168 Resp: 132716
Ion Ratio Lower Upper
168 100
139 39.5 29.8 44.8
169 13.8 10.3 15.5

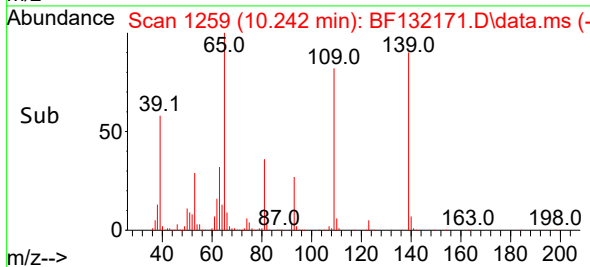
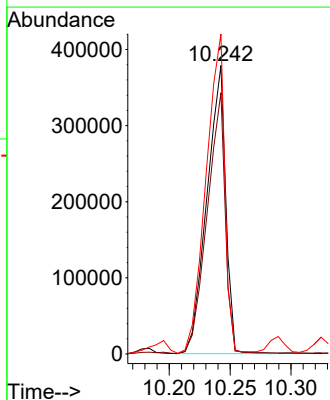
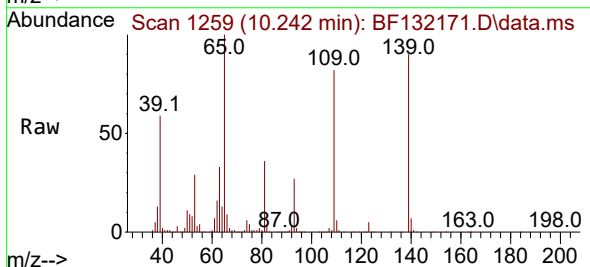
Manual Integrations
APPROVED

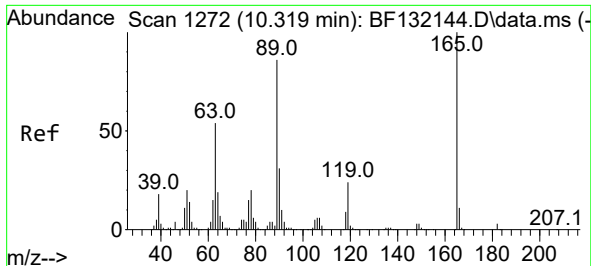
Reviewed By :Christian
Giraldo
01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023



#56
4-Nitrophenol
Concen: 101.031 ng
RT: 10.242 min Scan# 1259
Delta R.T. 0.012 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

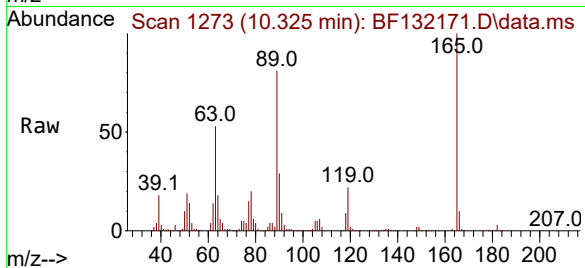
Tgt Ion:139 Resp: 407268
Ion Ratio Lower Upper
139 100
109 90.6 61.0 101.0
65 110.9 79.3 119.3





#57
2,4-Dinitrotoluene
Concen: 53.902 ng
RT: 10.325 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

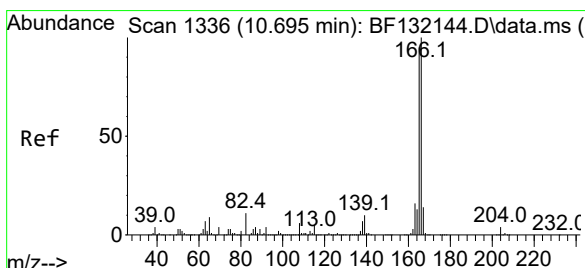
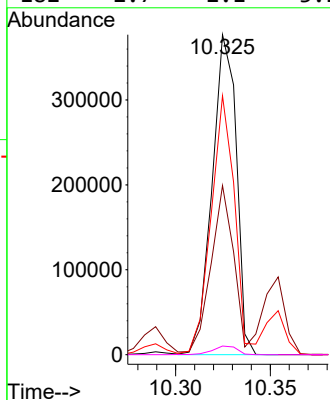
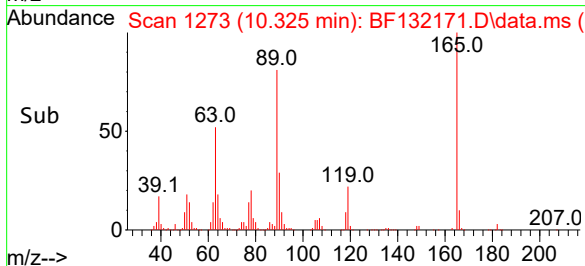
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



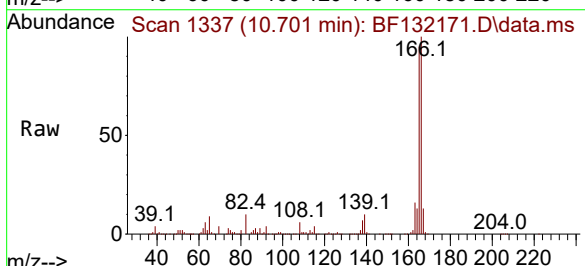
Tgt Ion:165 Resp: 335194
Ion Ratio Lower Upper
165 100
63 52.9 43.5 65.3
89 80.9 69.0 103.6
182 2.7 2.1 3.1

Manual Integrations
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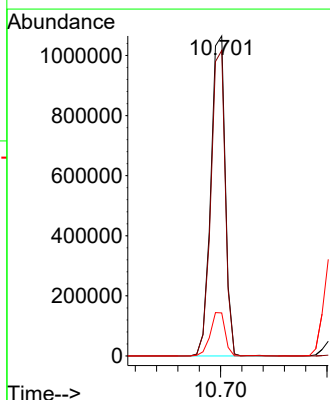
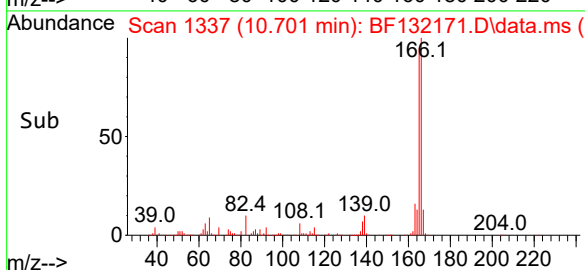
Reviewed By :Christian
Giraldo
01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023

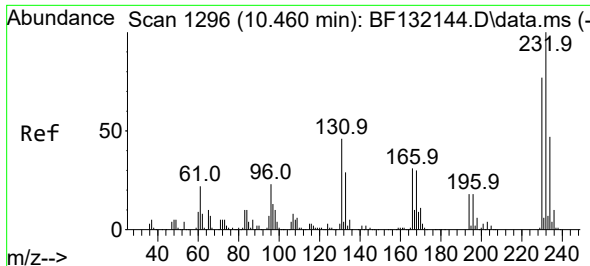


#58
Fluorene
Concen: 40.296 ng
RT: 10.701 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35



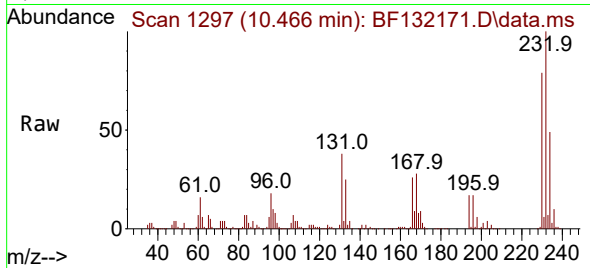
Tgt Ion:166 Resp: 999303
Ion Ratio Lower Upper
166 100
165 95.5 76.4 114.6
167 13.4 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.622 ng
RT: 10.466 min Scan# 1296
Delta R.T. 0.006 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

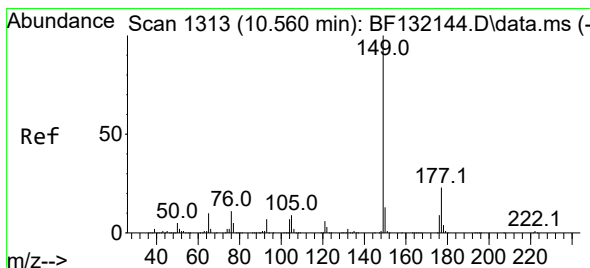
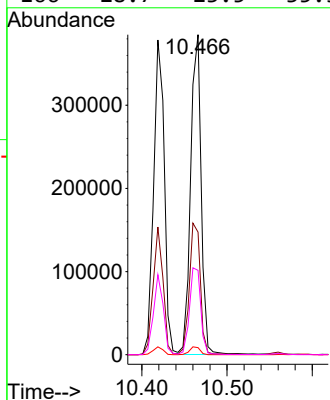
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



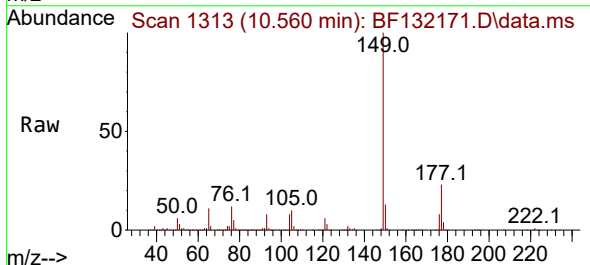
Tgt Ion:232 Resp: 330520
Ion Ratio Lower Upper
232 100
131 42.5 33.8 50.6
130 2.4 1.9 2.9
166 28.7 23.5 35.3

Manual Integrations
APPROVED

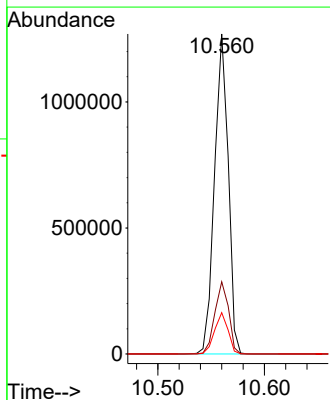
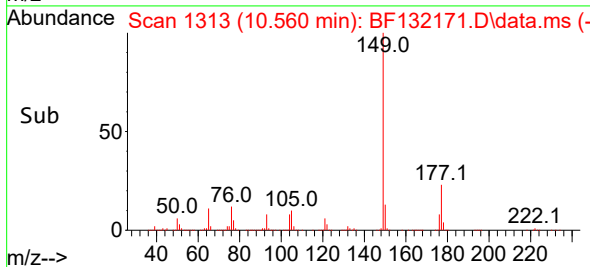
Reviewed By :Christian
Giraldo
01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023

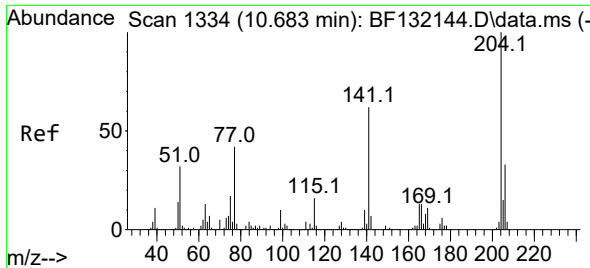


#60
Diethylphthalate
Concen: 43.103 ng
RT: 10.560 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35



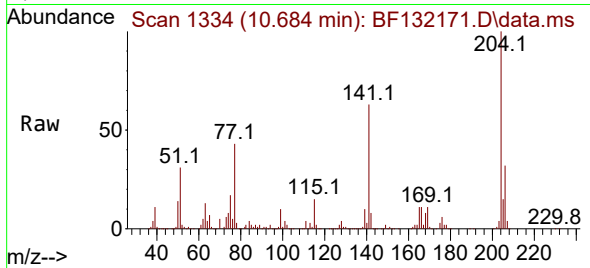
Tgt Ion:149 Resp: 1129768
Ion Ratio Lower Upper
149 100
177 22.6 18.4 27.6
150 12.9 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 40.317 ng
RT: 10.684 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

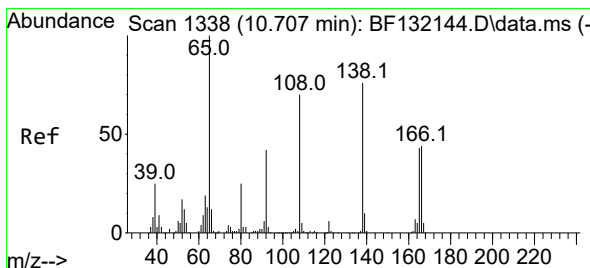
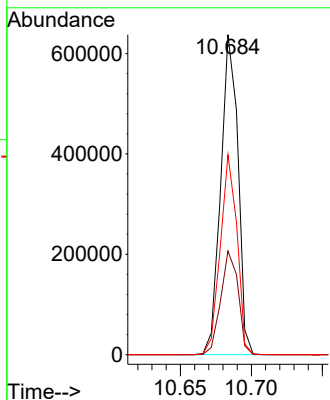
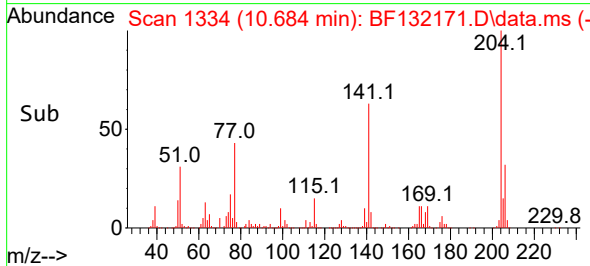
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



Tgt Ion:204 Resp: 535392
Ion Ratio Lower Upper
204 100
206 32.4 26.4 39.6
141 62.5 49.2 73.8

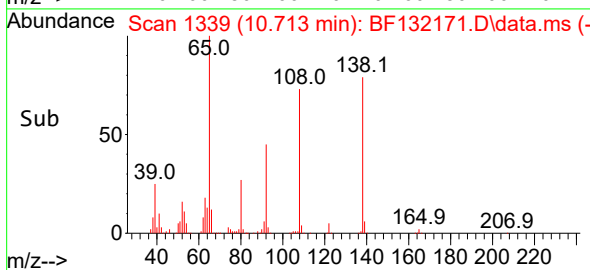
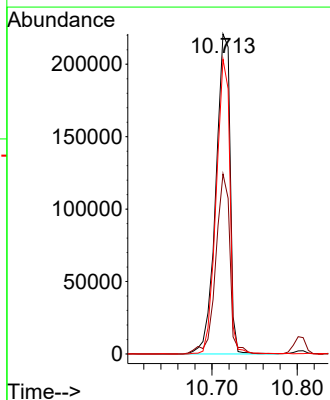
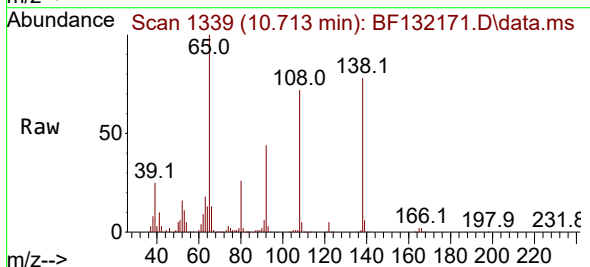
Manual Integrations
APPROVED

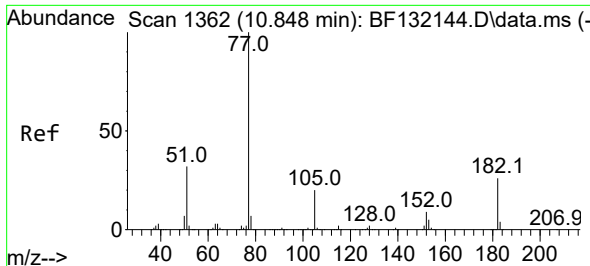
Reviewed By :Christian
Giraldo
01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023



#62
4-Nitroaniline
Concen: 49.898 ng
RT: 10.713 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

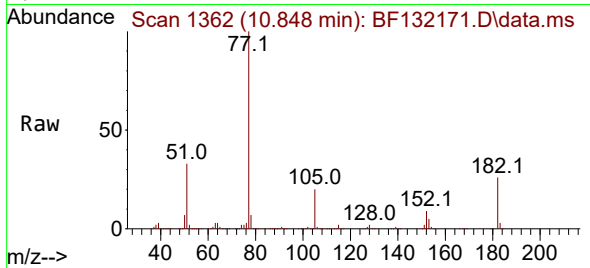
Tgt Ion:138 Resp: 257309
Ion Ratio Lower Upper
138 100
92 56.2 35.9 75.9
108 92.1 72.0 112.0





#63
Azobenzene
Concen: 52.965 ng
RT: 10.848 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

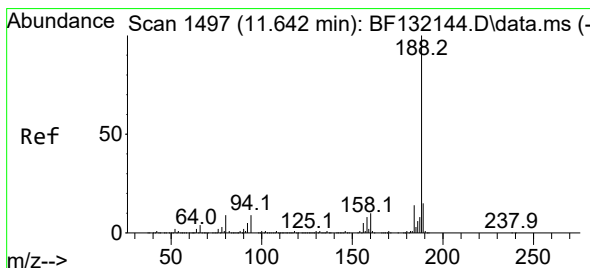
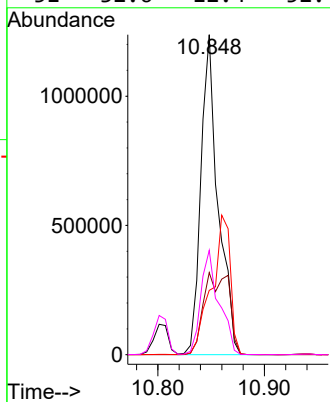
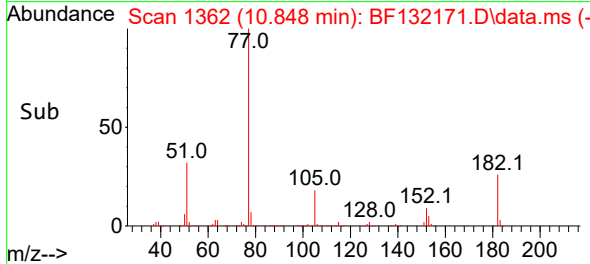
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



Tgt Ion: 77 Resp: 1393280
Ion Ratio Lower Upper
77 100
182 25.7 6.4 46.4
105 20.1 0.0 39.8
51 32.6 12.4 52.4

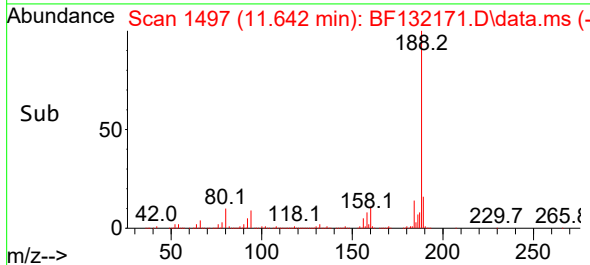
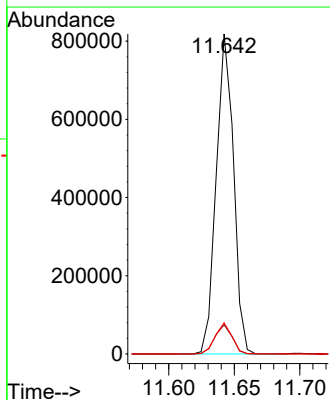
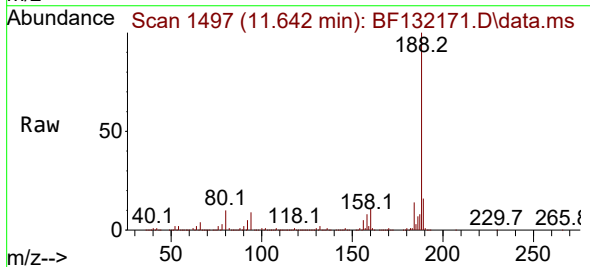
Manual Integrations
APPROVED

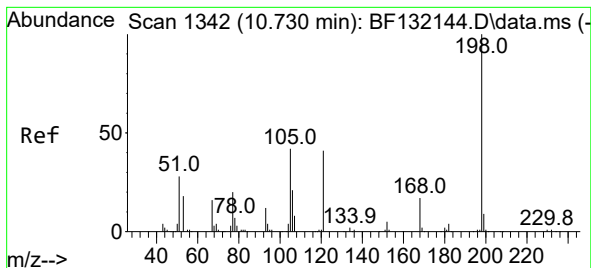
Reviewed By :Christian
Giraldo
01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.642 min Scan# 1497
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

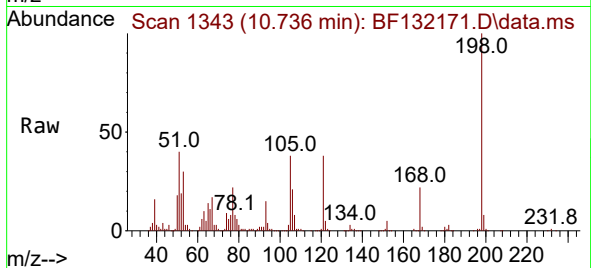
Tgt Ion:188 Resp: 748390
Ion Ratio Lower Upper
188 100
94 9.1 6.9 10.3
80 9.7 7.5 11.3





#65
4,6-Dinitro-2-methylphenol
Concen: 48.454 ng
RT: 10.736 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

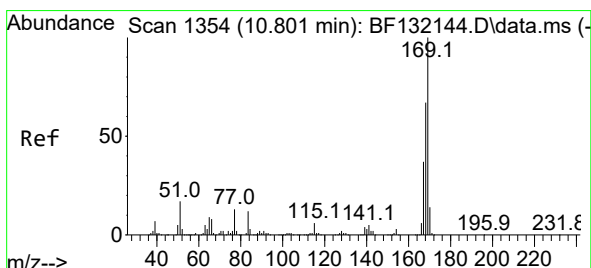
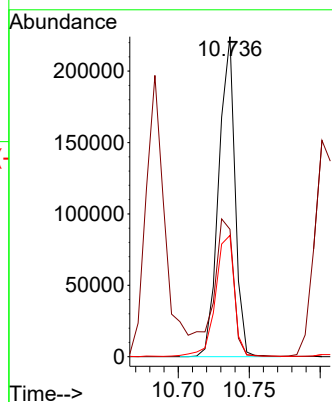
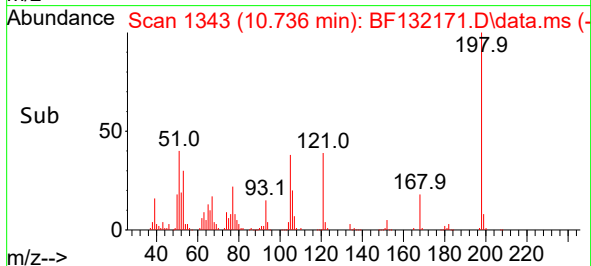
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



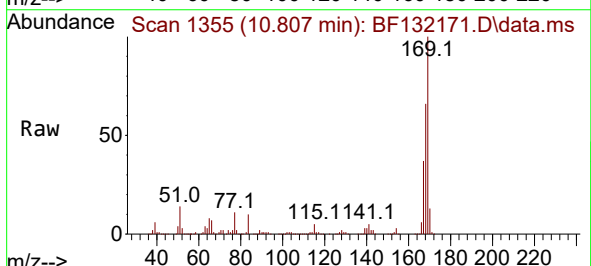
Tgt Ion:198 Resp: 178390
Ion Ratio Lower Upper
198 100
51 39.8 24.3 64.3
105 37.9 23.3 63.3

Manual Integrations
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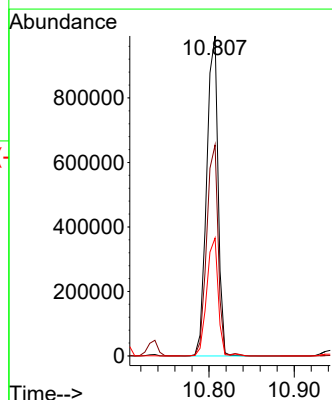
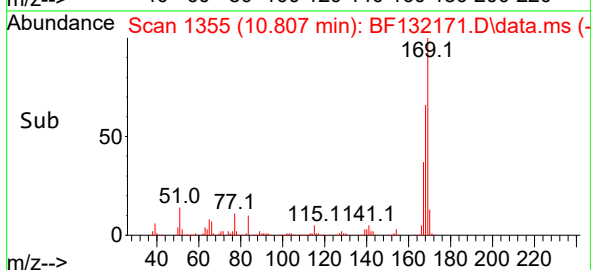
Reviewed By :Christian
Giraldo
01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023

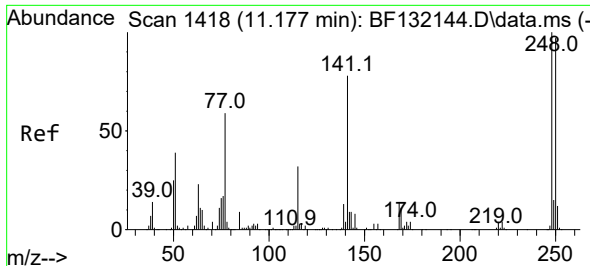


#66
n-Nitrosodiphenylamine
Concen: 38.372 ng
RT: 10.807 min Scan# 1355
Delta R.T. 0.006 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35



Tgt Ion:169 Resp: 919691
Ion Ratio Lower Upper
169 100
168 65.9 53.4 80.0
167 36.8 29.7 44.5





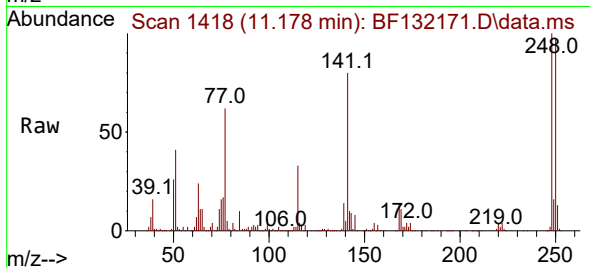
#67
4-Bromophenyl-phenylether
Concen: 38.746 ng
RT: 11.178 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

Instrument :

BNA_F

ClientSampleId :

B-P34AMS

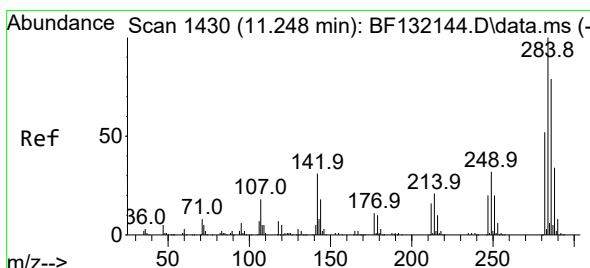
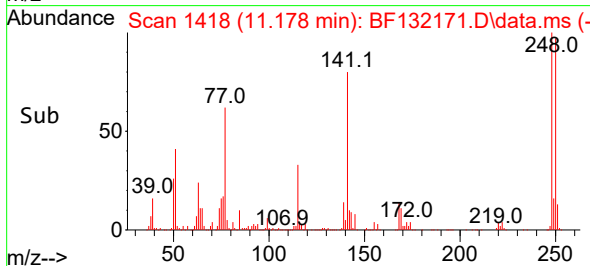
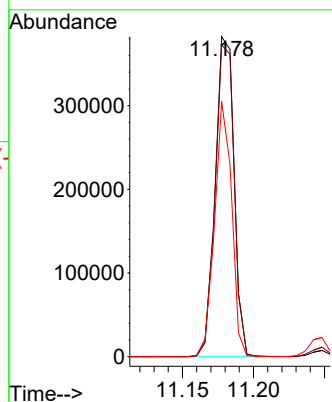


Tgt Ion:248 Resp: 353442
Ion Ratio Lower Upper
248 100
250 97.4 77.4 116.0
141 79.8 62.2 93.2

Manual Integrations
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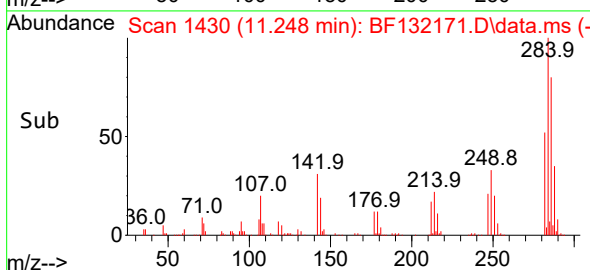
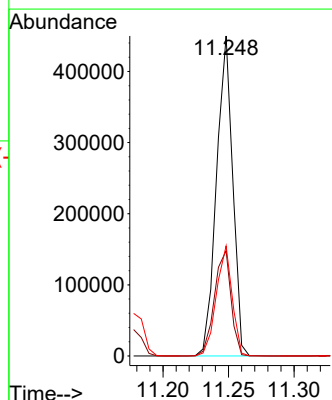
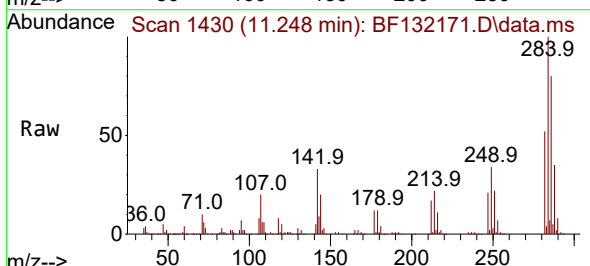
Reviewed By :Christian
Giraldo
01/23/2023

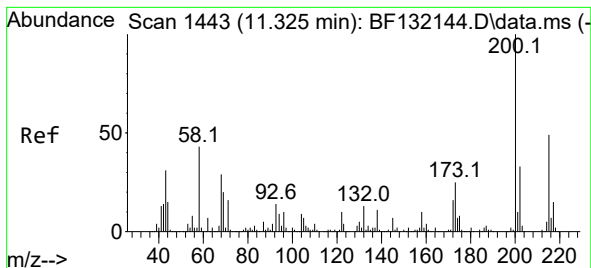
Supervised By :Jagrut
Upadhyay
01/23/2023



#68
Hexachlorobenzene
Concen: 42.496 ng
RT: 11.248 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

Tgt Ion:284 Resp: 385274
Ion Ratio Lower Upper
284 100
142 32.9 24.7 37.1
249 34.4 25.6 38.4





#69

Atrazine

Concen: 46.723 ng

RT: 11.331 min Scan# 1444

Delta R.T. 0.006 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

Instrument :

BNA_F

ClientSampleId :

B-P34AMS

Tgt Ion:200 Resp: 34551

Ion Ratio Lower Upper

200 100

173 24.7 5.0 45.0

215 49.0 28.6 68.6

Manual Integrations

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Reviewed By :Christian

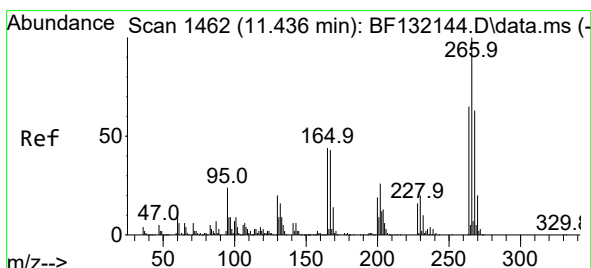
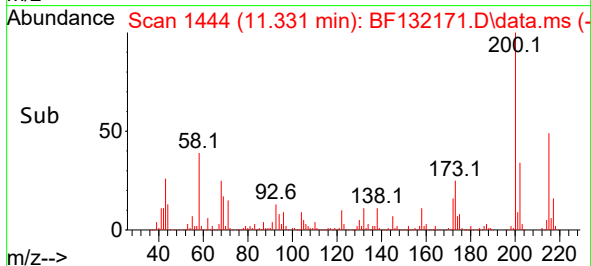
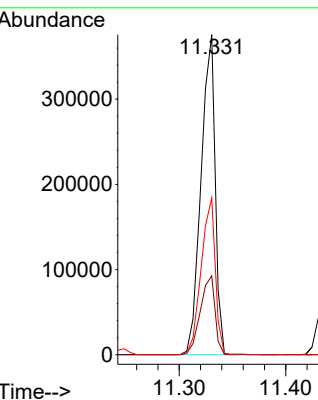
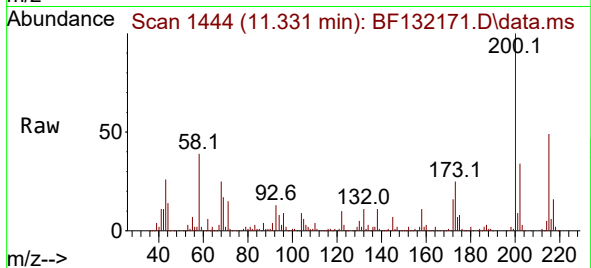
Giraldo

01/23/2023

Supervised By :Jagrut

Upadhyay

01/23/2023



#70

Pentachlorophenol

Concen: 79.097 ng

RT: 11.442 min Scan# 1463

Delta R.T. 0.006 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

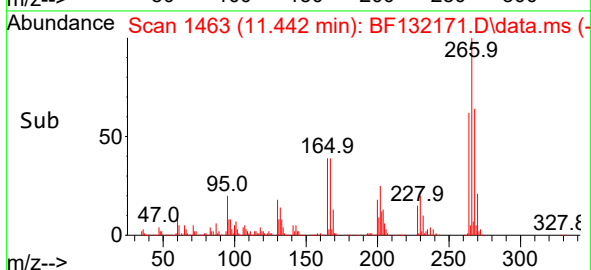
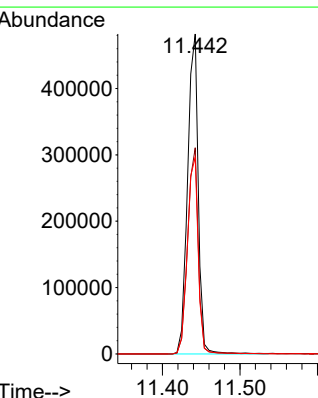
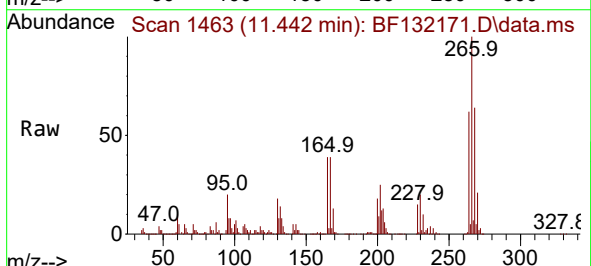
Tgt Ion:266 Resp: 460815

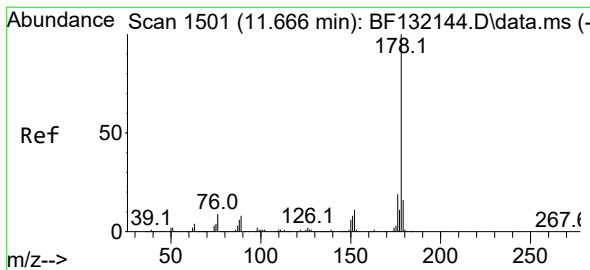
Ion Ratio Lower Upper

266 100

268 64.5 50.8 76.2

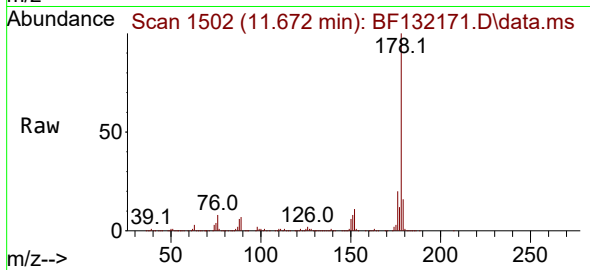
264 61.5 52.3 78.5





#71
Phenanthrene
Concen: 39.721 ng
RT: 11.672 min Scan# 1502
Delta R.T. 0.006 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

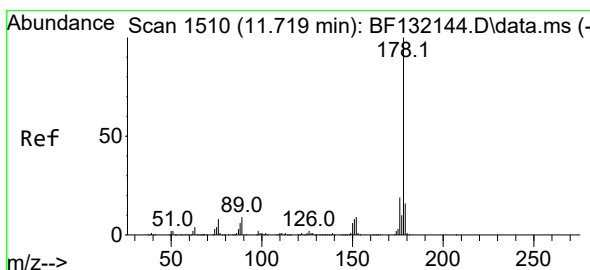
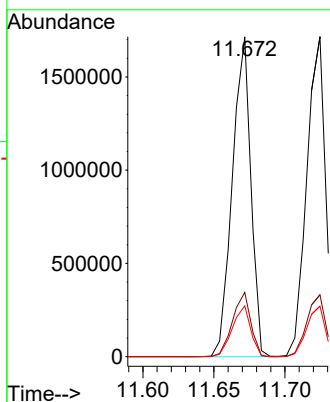
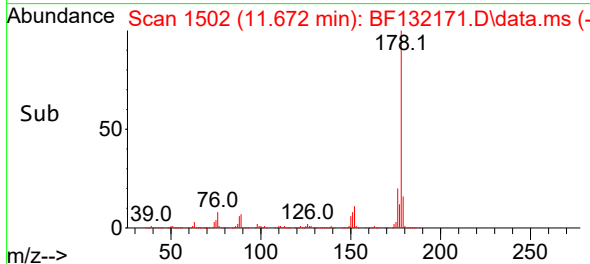
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



Tgt Ion:178 Resp: 1559992
Ion Ratio Lower Upper
178 100
176 20.1 15.5 23.3
179 15.9 12.6 19.0

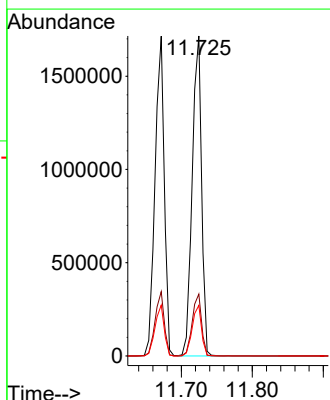
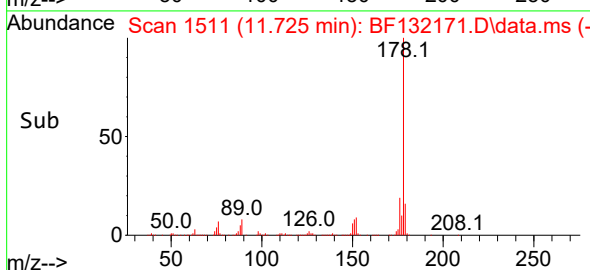
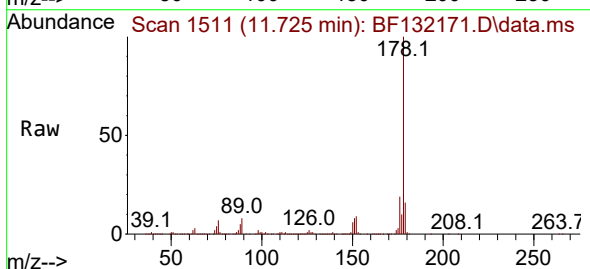
Manual Integrations
APPROVED

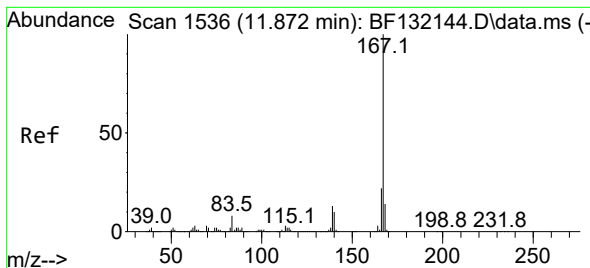
Reviewed By :Christian
Giraldo
01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023



#72
Anthracene
Concen: 39.698 ng
RT: 11.725 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

Tgt Ion:178 Resp: 1577300
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.8 12.6 18.8





#73

Carbazole

Concen: 42.512 ng

RT: 11.872 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BF132171.D

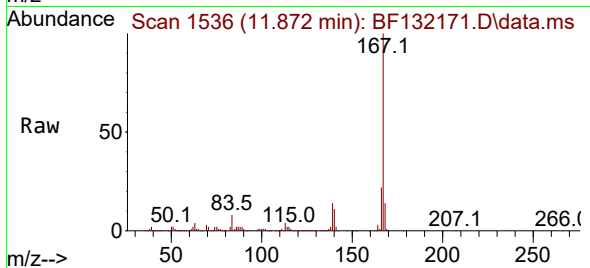
Acq: 20 Jan 2023 20:35

Instrument :

BNA_F

ClientSampleId :

B-P34AMS



Tgt Ion:167 Resp: 144282

Ion Ratio Lower Upper

167 100

166 21.7 17.7 26.5

139 13.5 10.5 15.7

Manual Integrations

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Reviewed By :Christian

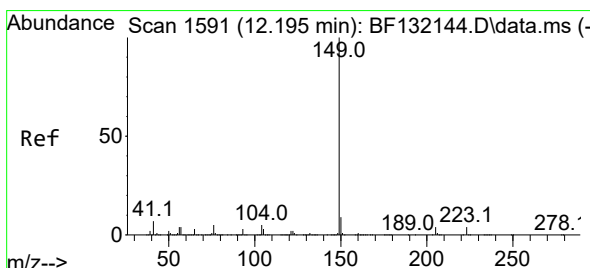
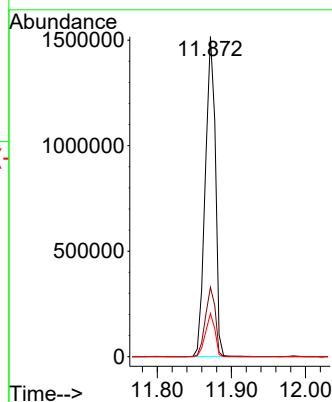
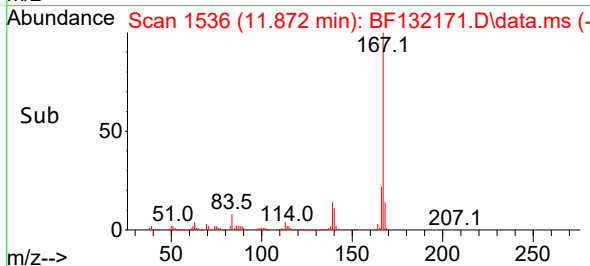
Giraldo

01/23/2023

Supervised By :Jagrut

Upadhyay

01/23/2023



#74

Di-n-butylphthalate

Concen: 45.273 ng

RT: 12.195 min Scan# 1591

Delta R.T. 0.000 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

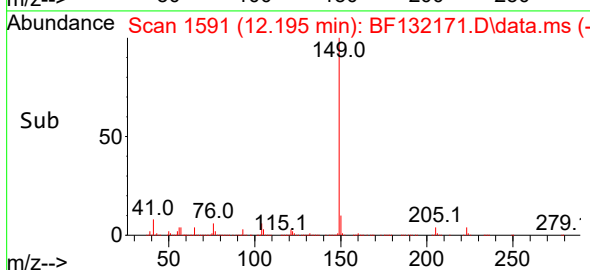
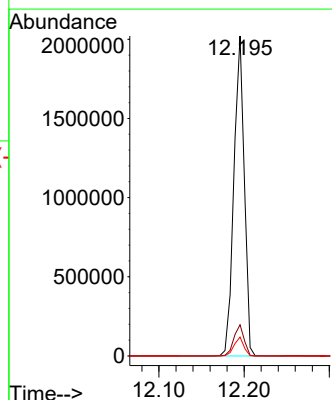
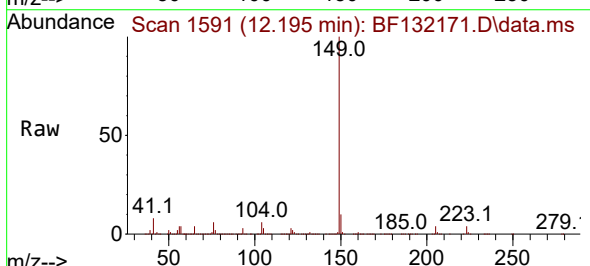
Tgt Ion:149 Resp: 1710479

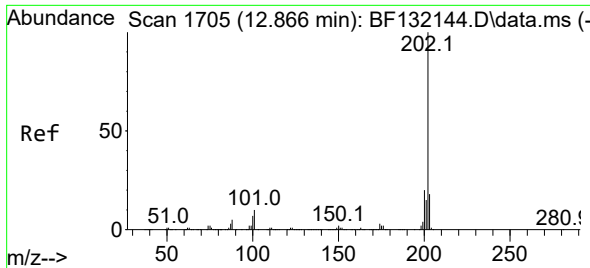
Ion Ratio Lower Upper

149 100

150 9.7 7.5 11.3

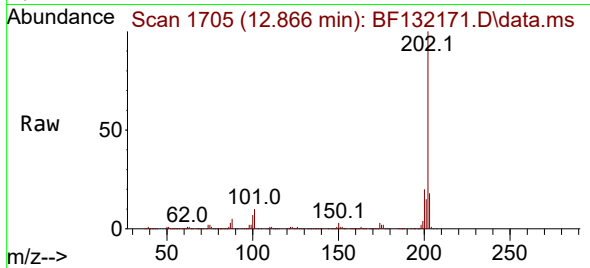
104 5.9 4.3 6.5





#75
Fluoranthene
Concen: 43.029 ng
RT: 12.866 min Scan# 1705
Delta R.T. -0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

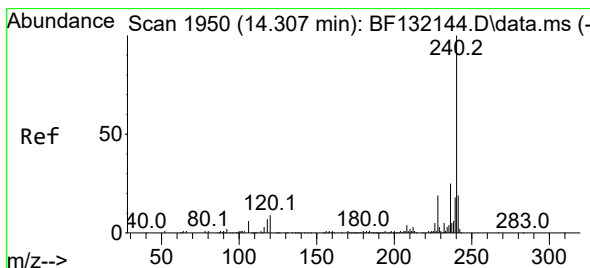
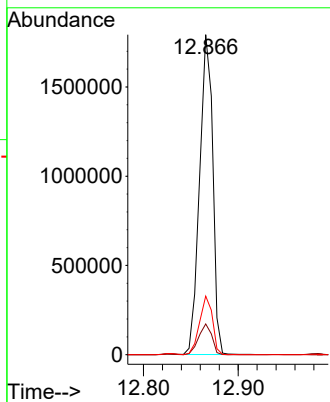
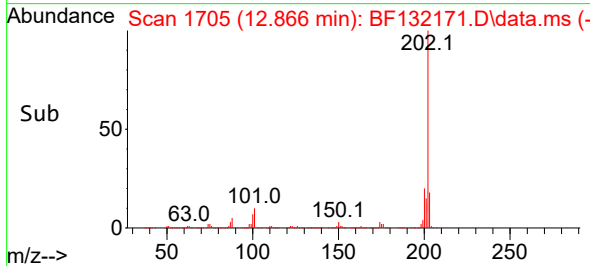
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



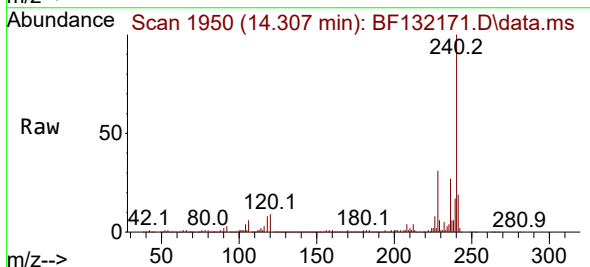
Tgt Ion:202 Resp: 1735889
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.6
203 18.3 0.0 37.9

Manual Integrations
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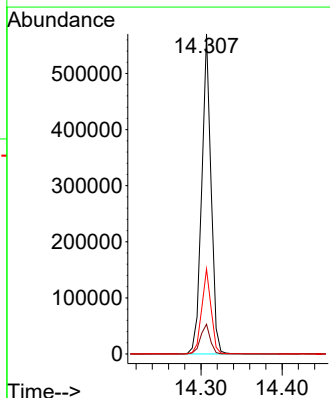
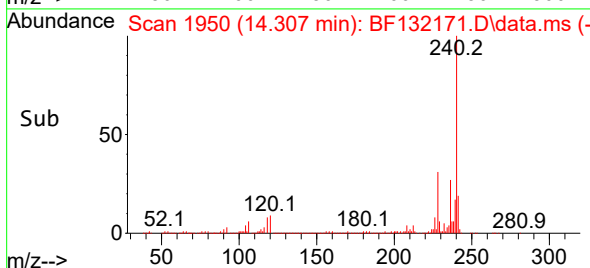
Reviewed By :Christian
Giraldo
01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023

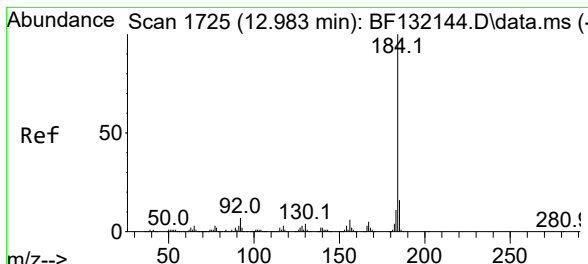


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.307 min Scan# 1950
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35



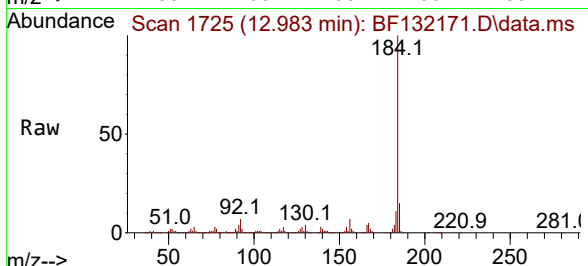
Tgt Ion:240 Resp: 455426
Ion Ratio Lower Upper
240 100
120 9.3 6.9 10.3
236 26.6 20.3 30.5





#77
Benzidine
Concen: 58.456 ng
RT: 12.983 min Scan# 1725
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

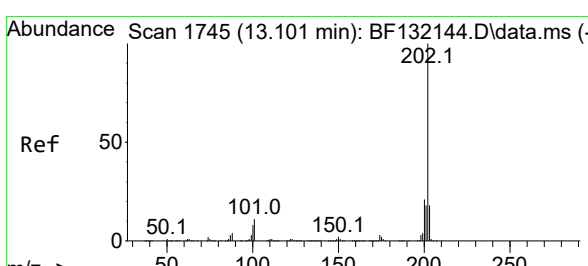
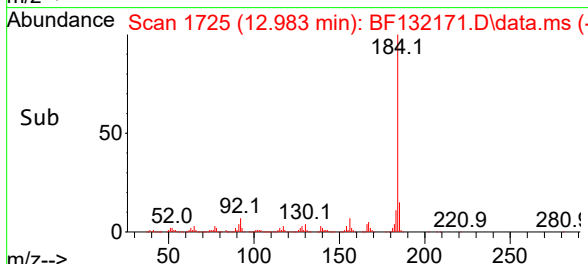
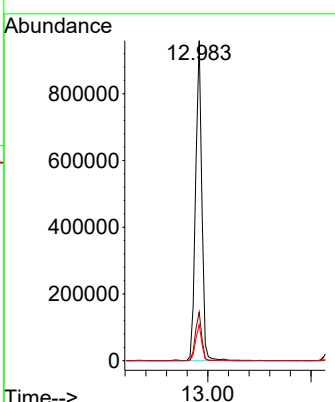
Instrument : BNA_F
ClientSampleId : B-P34AMS



Tgt Ion:184 Resp: 799320

Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.5	18.7
183	11.3	9.0	13.4

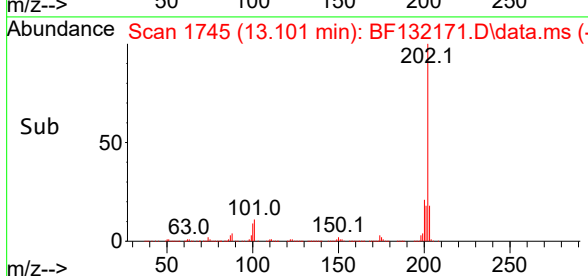
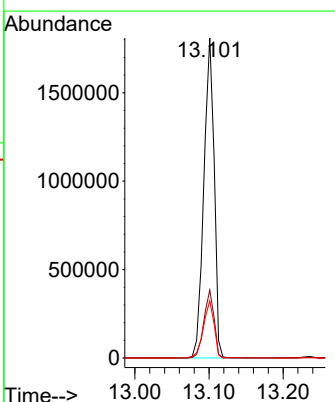
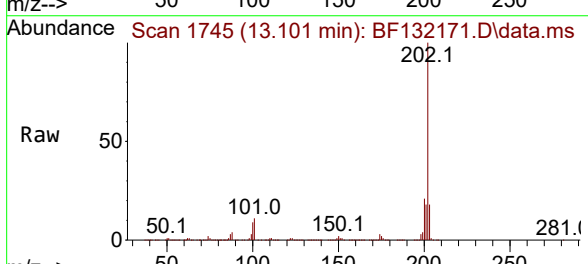
Manual Integrations
APPROVED
Reviewed By :Christian Giraldo
01/23/2023
Supervised By :Jagrut Upadhyay
01/23/2023

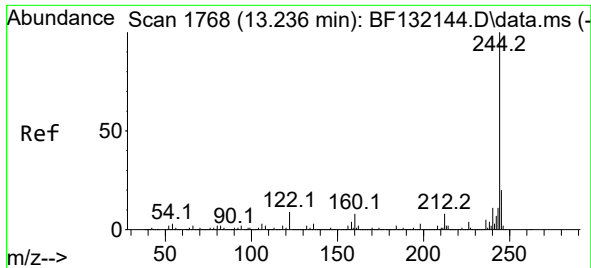


#78
Pyrene
Concen: 41.870 ng
RT: 13.101 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

Tgt Ion:202 Resp: 1757363

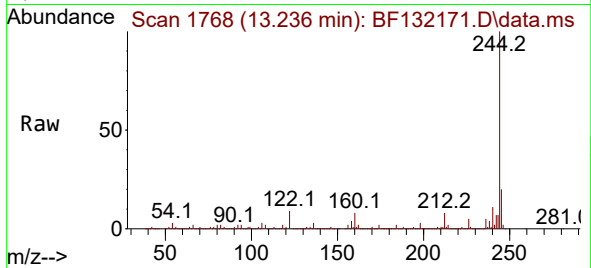
Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	17.8	14.0	21.0





#79
Terphenyl-d14
Concen: 73.630 ng
RT: 13.236 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

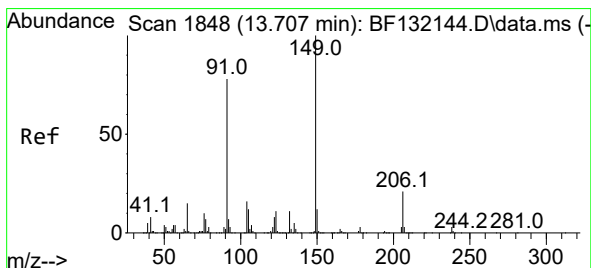
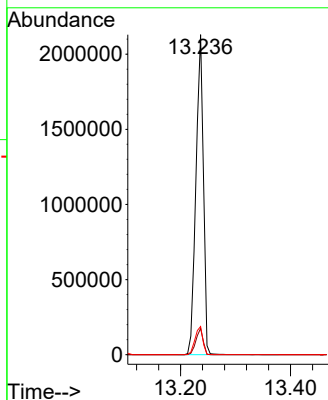
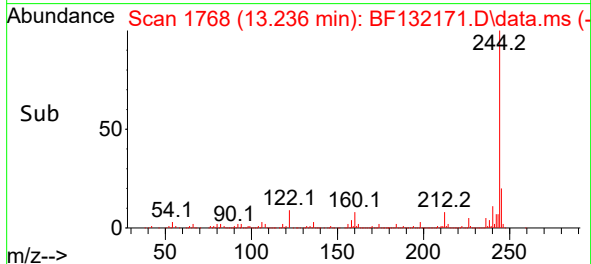
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



Tgt Ion:244 Resp: 2001844
Ion Ratio Lower Upper
244 100
212 8.2 6.7 10.1
122 8.8 7.4 11.2

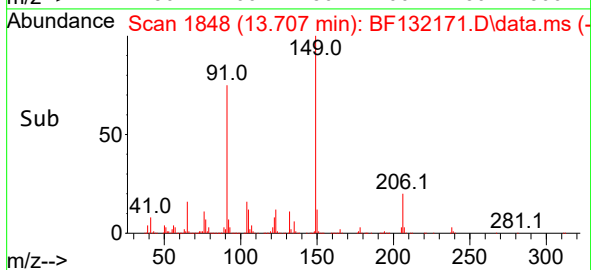
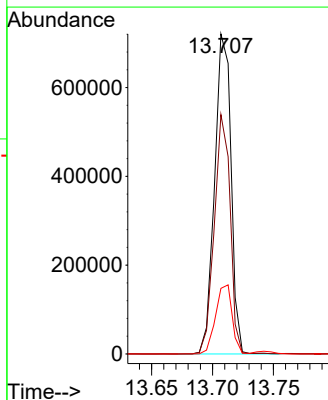
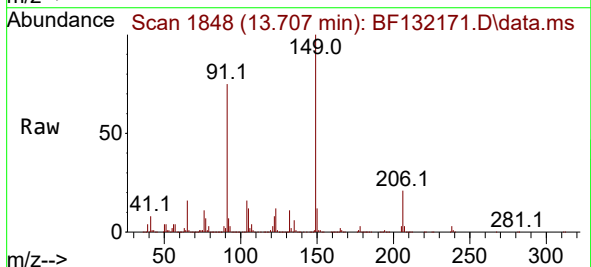
Manual Integrations
APPROVED

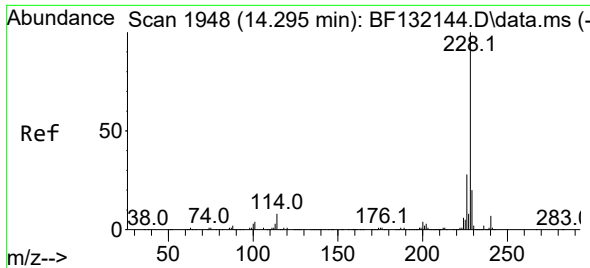
Reviewed By :Christian
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01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023



#80
Butylbenzylphthalate
Concen: 49.332 ng
RT: 13.707 min Scan# 1848
Delta R.T. -0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

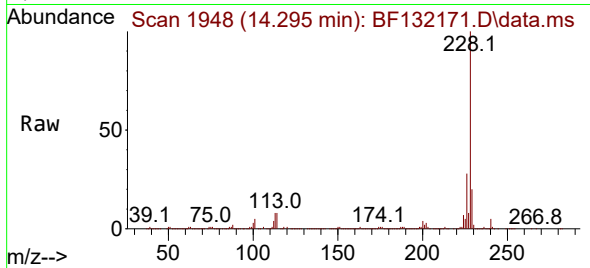
Tgt Ion:149 Resp: 675729
Ion Ratio Lower Upper
149 100
91 74.8 62.6 94.0
206 20.5 16.4 24.6





#81
Benzo(a)anthracene
Concen: 42.739 ng
RT: 14.295 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

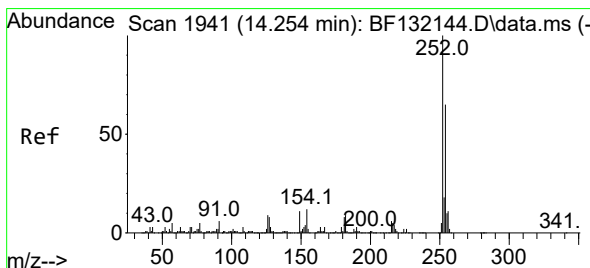
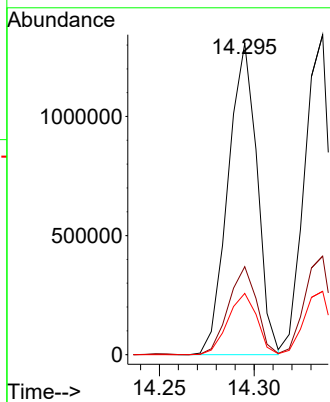
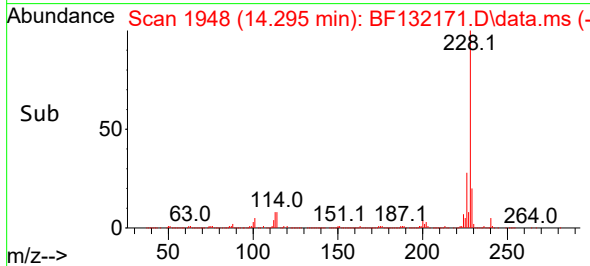
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



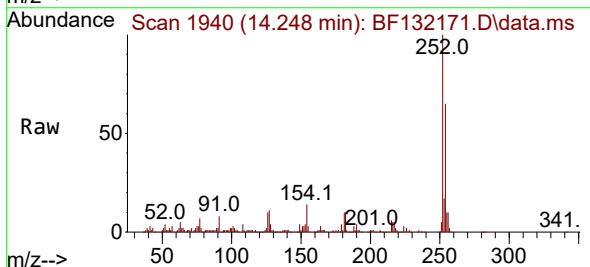
Tgt Ion:228 Resp: 1390528
Ion Ratio Lower Upper
228 100
226 28.2 22.5 33.7
229 19.6 16.1 24.1

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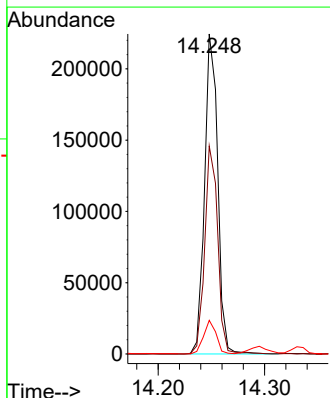
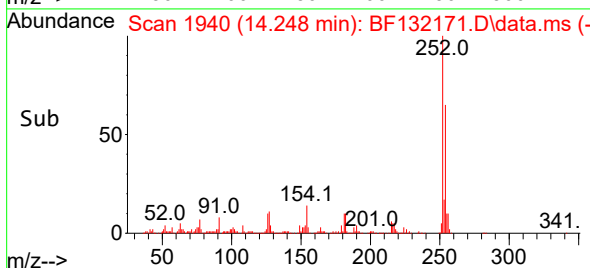
Reviewed By :Christian
Giraldo
01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023

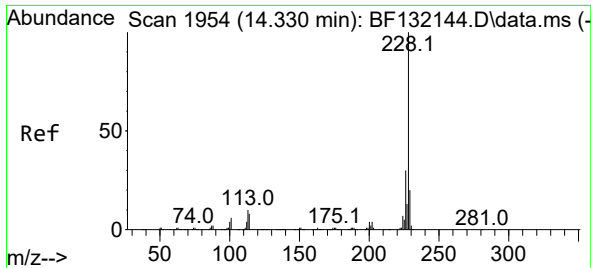


#82
3,3'-Dichlorobenzidine
Concen: 21.334 ng
RT: 14.248 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35



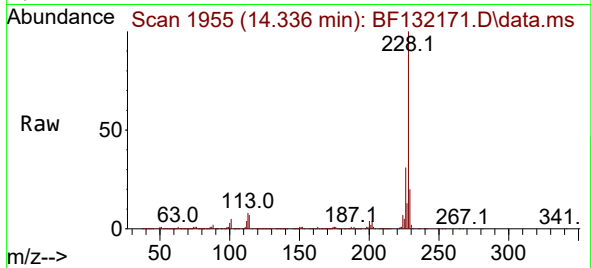
Tgt Ion:252 Resp: 193310
Ion Ratio Lower Upper
252 100
254 65.0 52.4 78.6
126 10.5 7.0 10.6





#83
Chrysene
Concen: 40.430 ng
RT: 14.336 min Scan# 1954
Delta R.T. 0.006 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

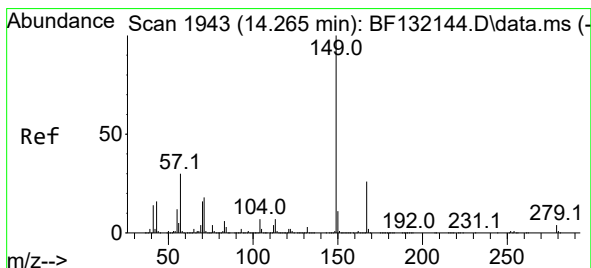
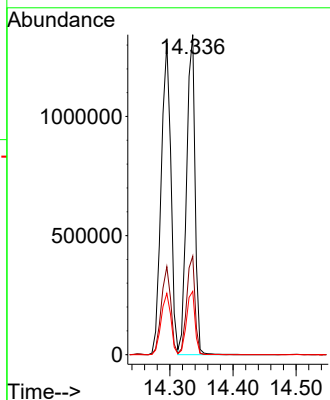
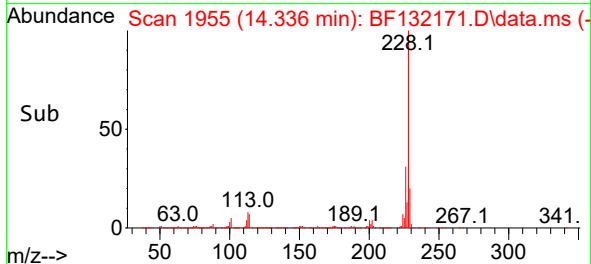
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



Tgt Ion:228 Resp: 1252100
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 19.8 15.8 23.6

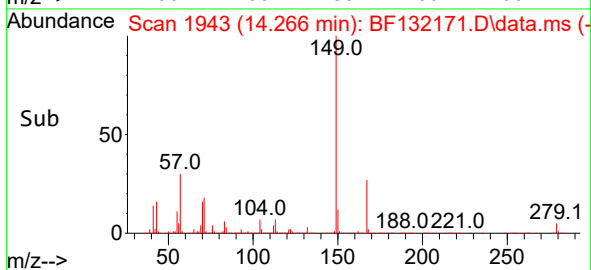
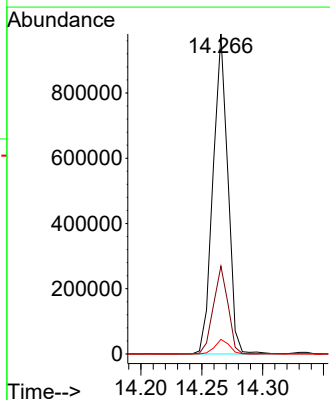
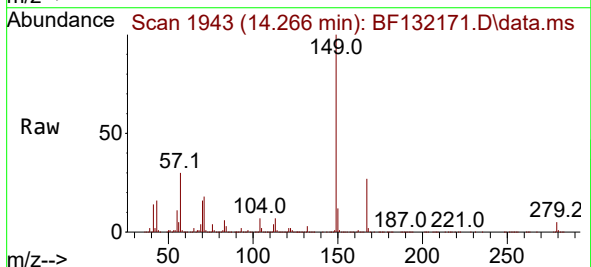
Manual Integrations
APPROVED

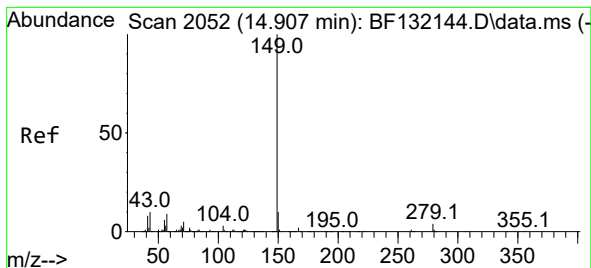
Reviewed By :Christian
Giraldo
01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.641 ng
RT: 14.266 min Scan# 1943
Delta R.T. 0.001 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

Tgt Ion:149 Resp: 832524
Ion Ratio Lower Upper
149 100
167 27.4 21.0 31.6
279 4.6 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 44.146 ng

RT: 14.901 min Scan# 2051

Delta R.T. -0.006 min

Lab File: BF132171.D

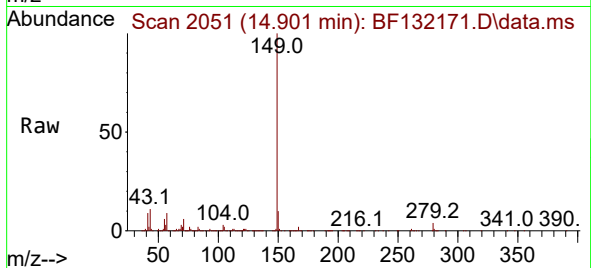
Acq: 20 Jan 2023 20:35

Instrument :

BNA_F

ClientSampleId :

B-P34AMS



Tgt Ion:149 Resp: 1168370

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.9 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Christian

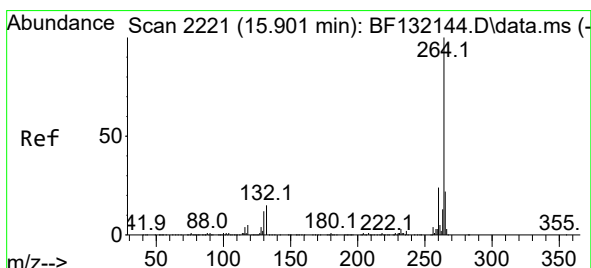
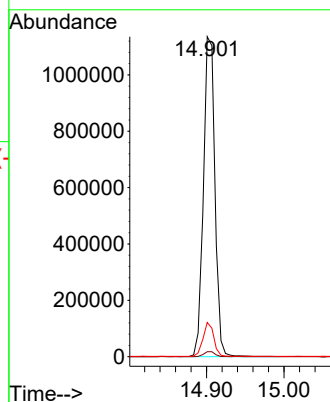
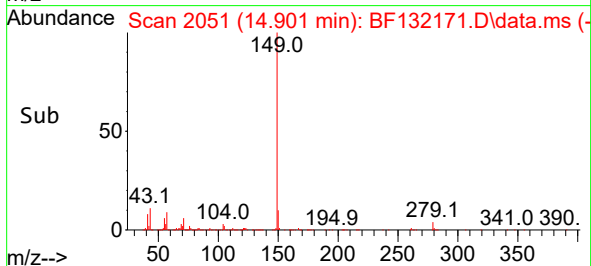
Giraldo

01/23/2023

Supervised By :Jagrut

Upadhyay

01/23/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.901 min Scan# 2221

Delta R.T. -0.000 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

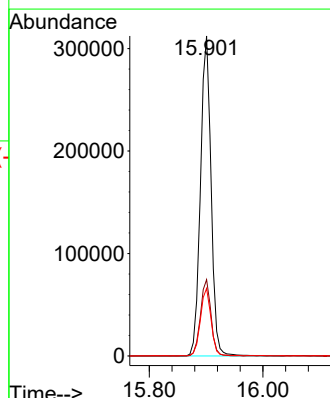
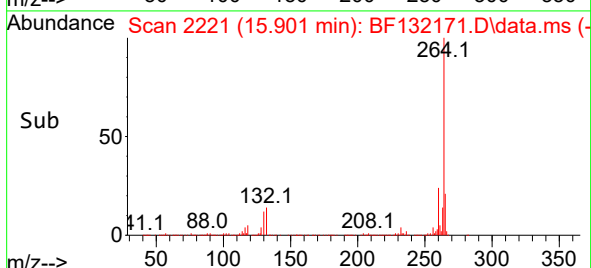
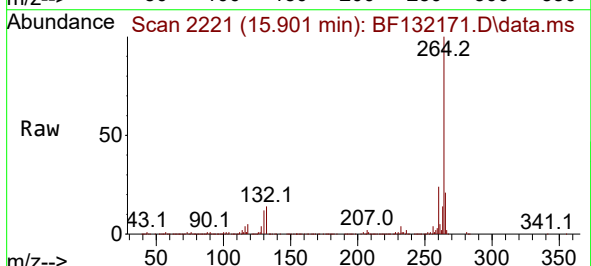
Tgt Ion:264 Resp: 405760

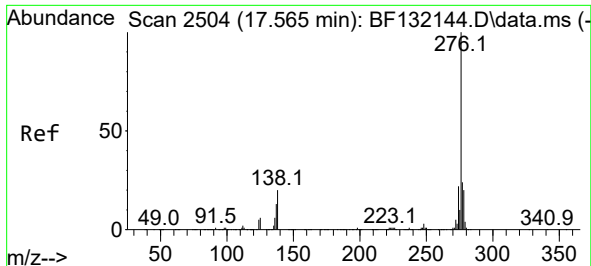
Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

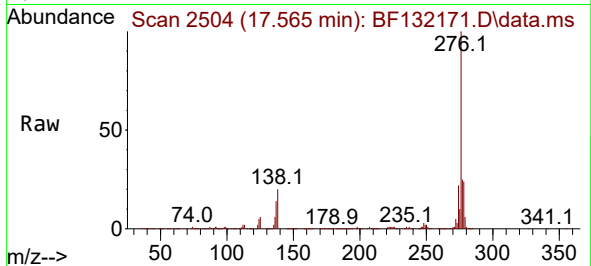
265 21.1 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 39.311 ng
RT: 17.565 min Scan# 2139
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

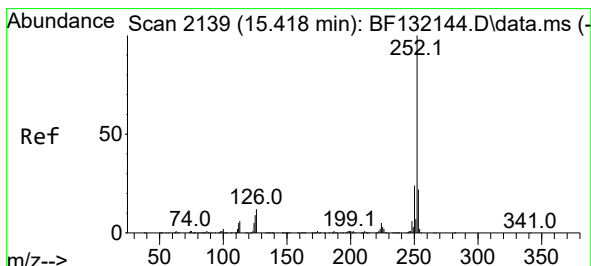
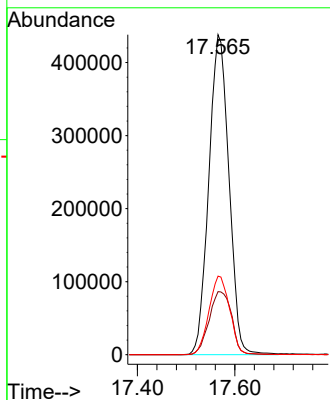
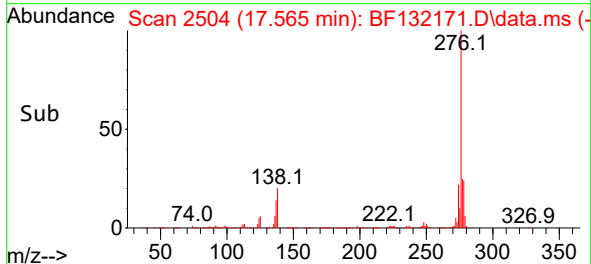
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



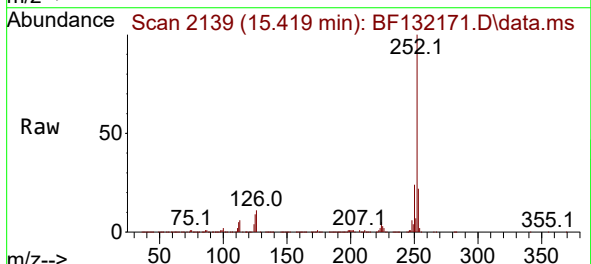
Tgt Ion:276 Resp: 1255979
Ion Ratio Lower Upper
276 100
138 22.1 17.9 26.9
277 25.3 20.2 30.2

Manual Integrations
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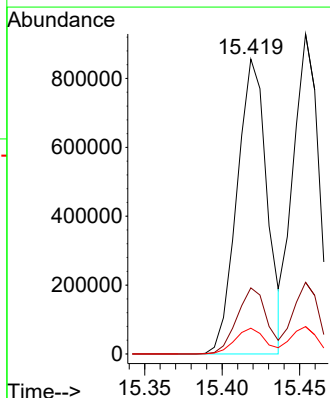
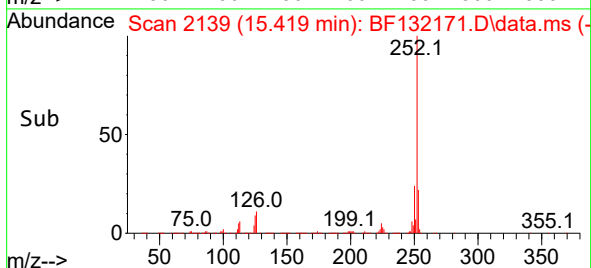
Reviewed By :Christian
Giraldo
01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023

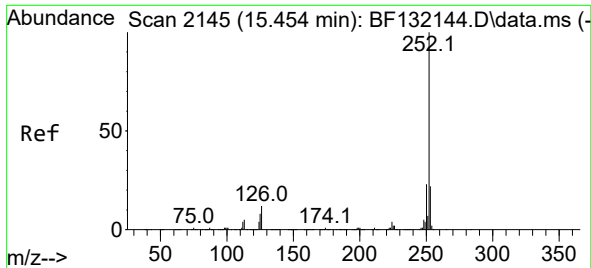


#88
Benzo(b)fluoranthene
Concen: 46.854 ng
RT: 15.419 min Scan# 2139
Delta R.T. 0.001 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35



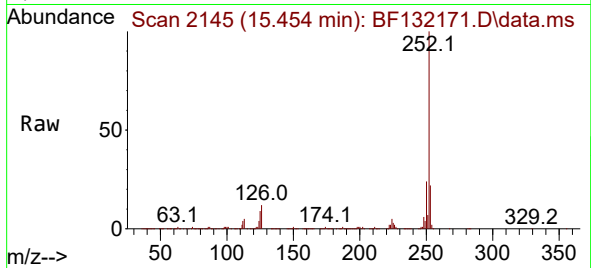
Tgt Ion:252 Resp: 1157546
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 8.7 7.2 10.8





#89
Benzo(k)fluoranthene
Concen: 42.889 ng
RT: 15.454 min Scan# 2145
Delta R.T. -0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

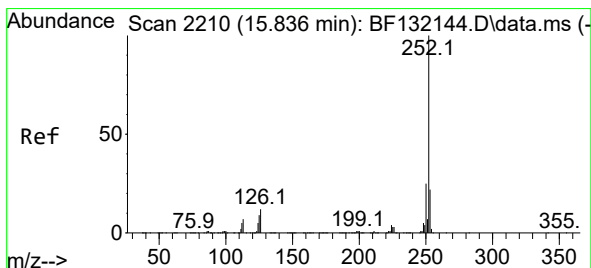
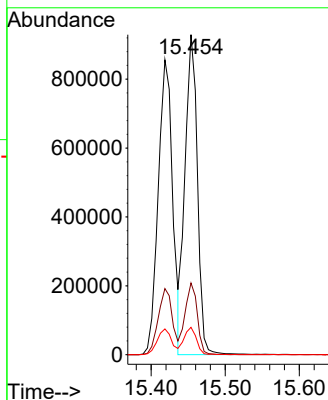
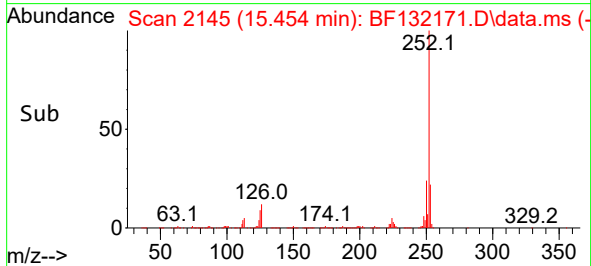
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



Tgt Ion:252 Resp: 1080629
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 8.5 6.4 9.6

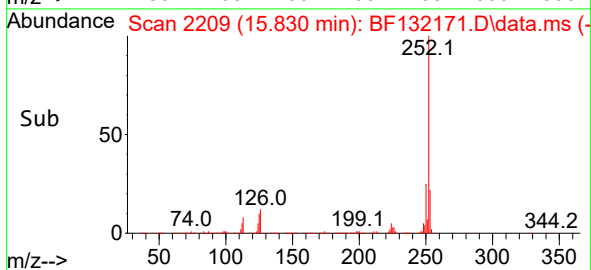
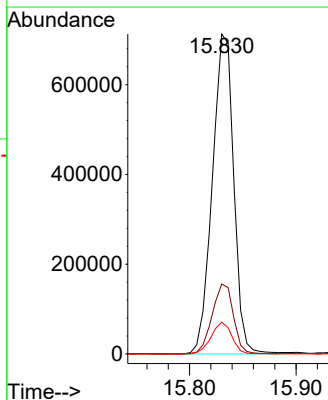
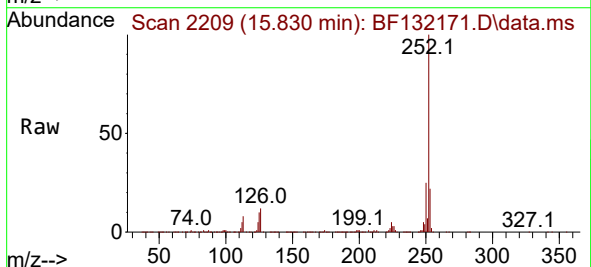
Manual Integrations
APPROVED

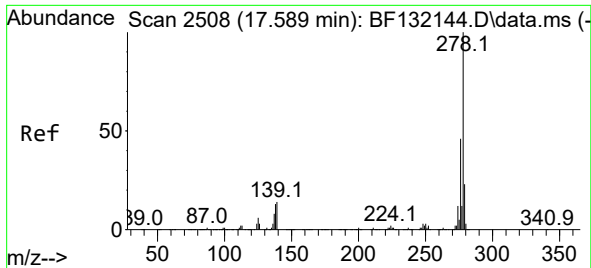
Reviewed By :Christian
Giraldo
01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023



#90
Benzo(a)pyrene
Concen: 41.772 ng
RT: 15.830 min Scan# 2209
Delta R.T. -0.006 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

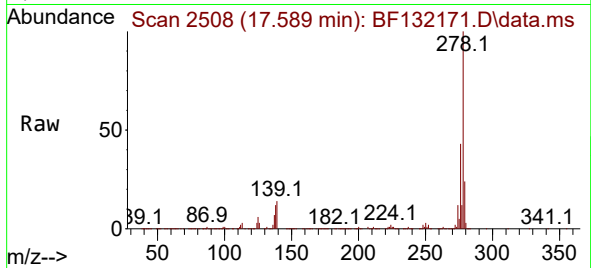
Tgt Ion:252 Resp: 992749
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 9.9 7.3 10.9





#91
Dibenzo(a,h)anthracene
Concen: 42.543 ng
RT: 17.589 min Scan# 2508
Delta R.T. -0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

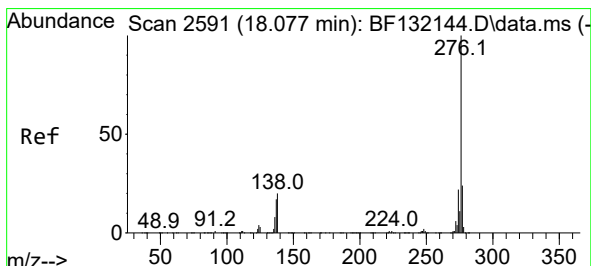
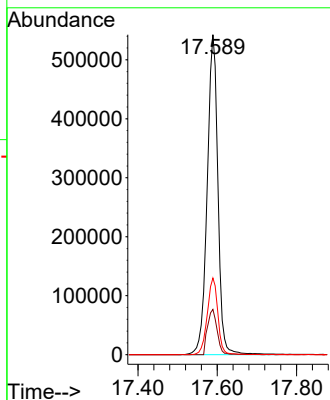
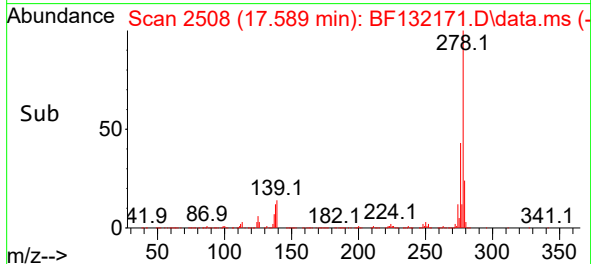
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



Tgt Ion:278 Resp: 102162
Ion Ratio Lower Upper
278 100
139 14.2 11.4 17.2
279 23.9 18.6 28.0

Manual Integrations
APPROVED

Reviewed By :Christian
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01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023



#92
Benzo(g,h,i)perylene
Concen: 38.992 ng
RT: 18.083 min Scan# 2592
Delta R.T. 0.006 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

Tgt Ion:276 Resp: 1067741
Ion Ratio Lower Upper
276 100
277 22.8 18.9 28.3
138 18.6 15.7 23.5

