

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
 Data File : BF130454.D
 Acq On : 28 Sep 2022 18:37
 Operator : CG\JU
 Sample : N4857-01MS 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-092722MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/29/2022
 Supervised By : Jagrut Upadhyay 09/29/2022

Quant Time: Sep 29 02:16:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.645	152	102169	20.000	ng	0.00
21) Naphthalene-d8	7.928	136	361608	20.000	ng	0.00
39) Acenaphthene-d10	9.680	164	167917	20.000	ng	0.00
64) Phenanthrene-d10	11.163	188	275698	20.000	ng	0.00
76) Chrysene-d12	13.810	240	247825	20.000	ng	0.02
86) Perylene-d12	15.198	264	168389	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.245	112	345025	58.573	ng	0.00
7) Phenol-d6	6.287	99	404344	54.860	ng	0.00
23) Nitrobenzene-d5	7.210	82	240404	33.965	ng	0.00
42) 2,4,6-Tribromophenol	10.469	330	90566	56.288	ng	0.00
45) 2-Fluorobiphenyl	9.004	172	426052	36.948	ng	0.00
79) Terphenyl-d14	12.745	244	472559	31.586	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.257	88	41030	15.167	ng	95
3) Pyridine	2.940	79	107256	15.198	ng	90
4) n-Nitrosodimethylamine	2.887	42	61218	15.950	ng	93
6) Aniline	6.304	93	130664	14.388	ng	# 60
8) 2-Chlorophenol	6.428	128	136125	20.287	ng	93
9) Benzaldehyde	6.192	77	76348	15.464	ng	88
10) Phenol	6.298	94	165706	19.185	ng	95
11) bis(2-Chloroethyl)ether	6.387	93	122431	19.652	ng	94
12) 1,3-Dichlorobenzene	6.587	146	148823m	20.157	ng	
13) 1,4-Dichlorobenzene	6.663	146	151847	20.168	ng	98
14) 1,2-Dichlorobenzene	6.816	146	140893	20.032	ng	94
15) Benzyl Alcohol	6.792	79	64991m	11.122	ng	
16) 2,2'-oxybis(1-Chloropr...	6.928	45	151316	16.653	ng	79
17) 2-Methylphenol	6.910	107	110603	20.277	ng	98
18) Hexachloroethane	7.157	117	55387	18.662	ng	93
19) n-Nitroso-di-n-propyla...	7.063	70	89686	18.033	ng	91
20) 3+4-Methylphenols	7.063	107	131710	18.588	ng	88
22) Acetophenone	7.057	105	191313	21.640	ng	# 88
24) Nitrobenzene	7.228	77	133110	18.521	ng	96
25) Isophorone	7.469	82	231165	20.263	ng	97
26) 2-Nitrophenol	7.545	139	63373	21.510	ng	90
27) 2,4-Dimethylphenol	7.592	122	106714	23.524	ng	97
28) bis(2-Chloroethoxy)met...	7.686	93	141704	22.059	ng	100
29) 2,4-Dichlorophenol	7.792	162	97986	19.711	ng	96
30) 1,2,4-Trichlorobenzene	7.869	180	108532	20.194	ng	95
31) Naphthalene	7.951	128	827137	44.399	ng	99
32) Benzoic acid	7.686	122	43863	12.503	ng	88
33) 4-Chloroaniline	8.004	127	107110	15.117	ng	96
34) Hexachlorobutadiene	8.069	225	70992	20.668	ng	97
35) Caprolactam	8.363	113	27951m	19.613	ng	
36) 4-Chloro-3-methylphenol	8.492	107	97198	17.640	ng	98
37) 2-Methylnaphthalene	8.639	142	518280	43.633	ng	99
38) 1-Methylnaphthalene	8.739	142	512678	44.930	ng	99
40) 1,2,4,5-Tetrachloroben...	8.804	216	97207	21.212	ng	97
41) Hexachlorocyclopentadiene	8.792	237	11525	4.697	ng	98
43) 2,4,6-Trichlorophenol	8.922	196	58947	18.431	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.969	196	63443	18.383	ng	97
46) 1,1'-Biphenyl	9.104	154	301788	24.065	ng	98
47) 2-Chloronaphthalene	9.128	162	199212	19.637	ng	96
48) 2-Nitroaniline	9.228	65	58403	17.261	ng	93
49) Acenaphthylene	9.539	152	489681	32.194	ng	97
50) Dimethylphthalate	9.404	163	235270	20.284	ng	100
51) 2,6-Dinitrotoluene	9.469	165	47864	19.731	ng	93
52) Acenaphthene	9.716	154	503085m	50.340	ng	
53) 3-Nitroaniline	9.639	138	46320	17.136	ng	87
54) 2,4-Dinitrophenol	9.757	184	10209	13.406	ng	92
55) Dibenzofuran	9.886	168	513219	36.921	ng	95
56) 4-Nitrophenol	9.816	139	62424	31.707	ng	# 82
57) 2,4-Dinitrotoluene	9.875	165	66221	21.360	ng	90
58) Fluorene	10.227	166	714762	62.874	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.004	232	44855	16.605	ng	# 68
60) Diethylphthalate	10.104	149	224877	19.333	ng	100
61) 4-Chlorophenyl-phenyle...	10.222	204	98812	19.814	ng	95
62) 4-Nitroaniline	10.245	138	56096	20.659	ng	92
63) Azobenzene	10.380	77	196920	16.441	ng	# 68
65) 4,6-Dinitro-2-methylph...	10.286	198	8464	5.515	ng	# 73
66) n-Nitrosodiphenylamine	10.339	169	210479	22.846	ng	95
67) 4-Bromophenyl-phenylether	10.710	248	62276	20.476	ng	93
68) Hexachlorobenzene	10.775	284	69321	20.107	ng	99
69) Atrazine	10.875	200	59294	22.023	ng	96
70) Pentachlorophenol	10.975	266	63771	34.465	ng	98
71) Phenanthrene	11.198	178	3288069	212.424	ng	97
72) Anthracene	11.245	178	1324876	88.695	ng	100
73) Carbazole	11.398	167	443677	32.912	ng	99
74) Di-n-butylphthalate	11.733	149	344896	21.216	ng	# 98
75) Fluoranthene	12.392	202	4648926	310.816	ng	98
77) Benzidine	12.510	184	123656	17.188	ng	98
78) Pyrene	12.621	202	4422393	203.986	ng	97
80) Butylbenzylphthalate	13.227	149	160781	20.019	ng	93
81) Benzo(a)anthracene	13.804	228	2453146	148.797	ng	97
82) 3,3'-Dichlorobenzidine	13.768	252	105864	23.589	ng	97
83) Chrysene	13.839	228	2033287m	129.889	ng	
84) Bis(2-ethylhexyl)phtha...	13.786	149	282746	30.735	ng	# 99
85) Di-n-octyl phthalate	14.398	149	357988	25.442	ng	# 98
87) Indeno(1,2,3-cd)pyrene	16.539	276	864024	72.357	ng	# 93
88) Benzo(b)fluoranthene	14.815	252	2097062m	190.804	ng	
89) Benzo(k)fluoranthene	14.839	252	665442m	61.550	ng	
90) Benzo(a)pyrene	15.157	252	1426465	163.825	ng	96
91) Dibenzo(a,h)anthracene	16.545	278	331070	33.797	ng	97
92) Benzo(g,h,i)perylene	16.945	276	761263	77.145	ng	97

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

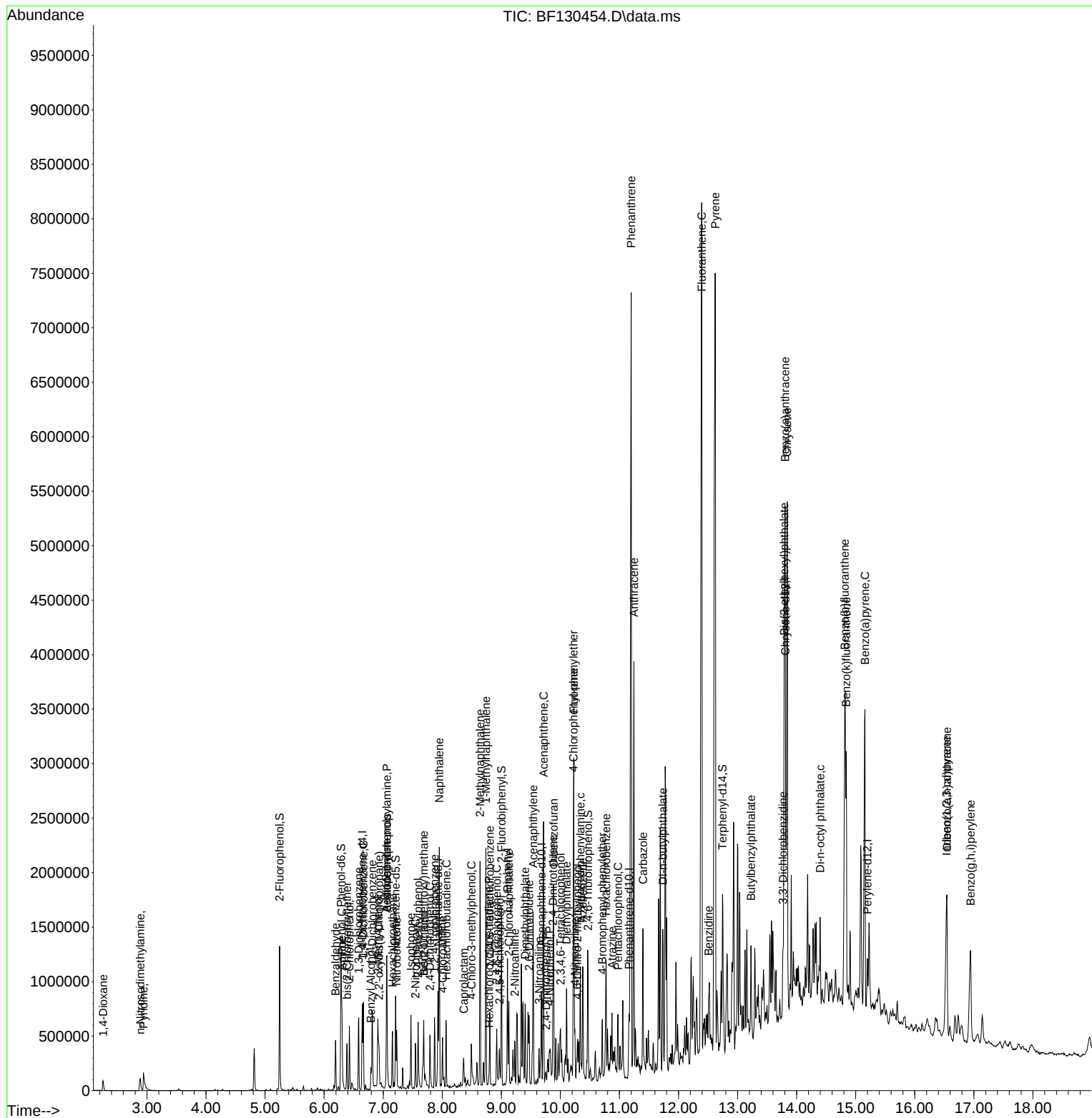
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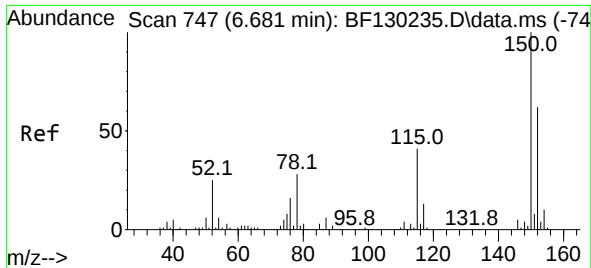
Instrument :
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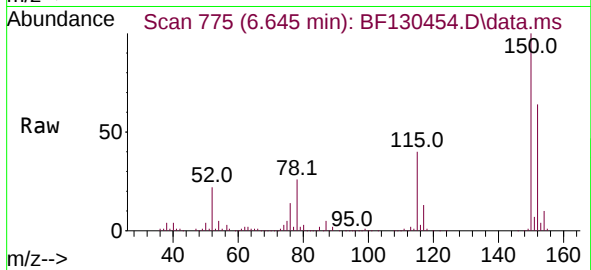
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.645 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

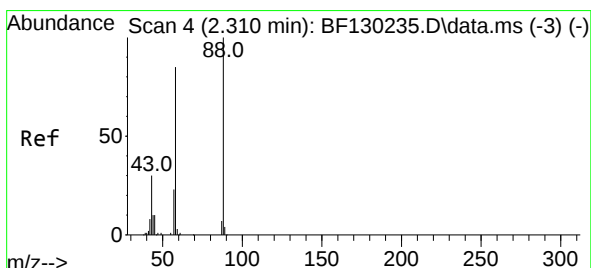
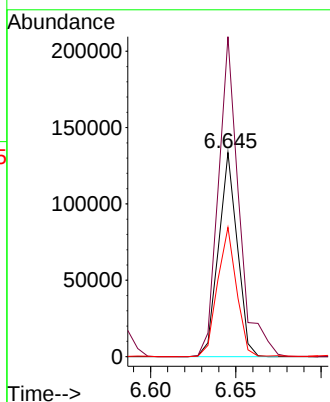
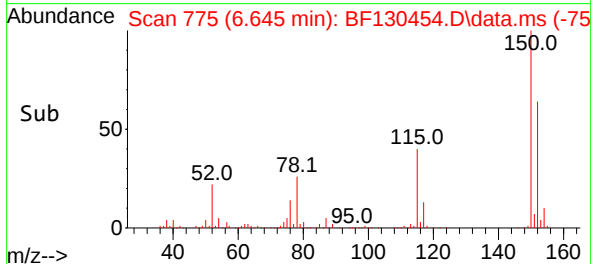
Instrument :
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Tgt Ion: 152 Resp: 102169
Ion Ratio Lower Upper
152 100
150 156.8 122.8 184.2
115 63.3 53.8 80.8

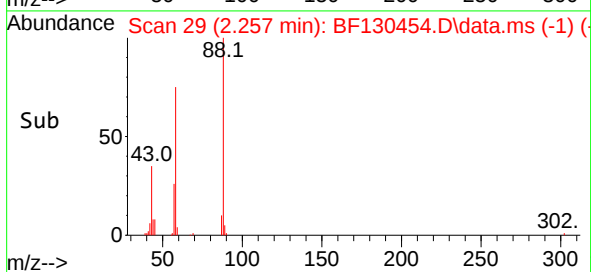
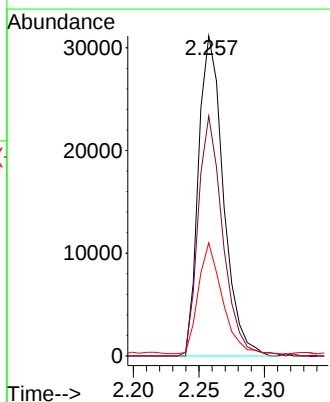
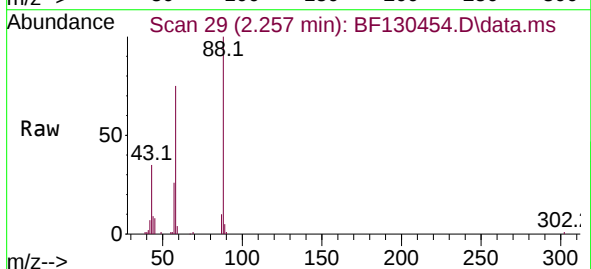
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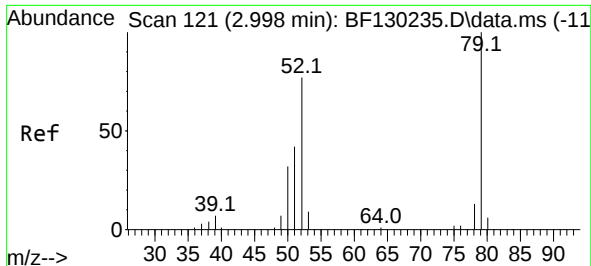
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#2
1,4-Dioxane
Concen: 15.167 ng
RT: 2.257 min Scan# 29
Delta R.T. -0.006 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

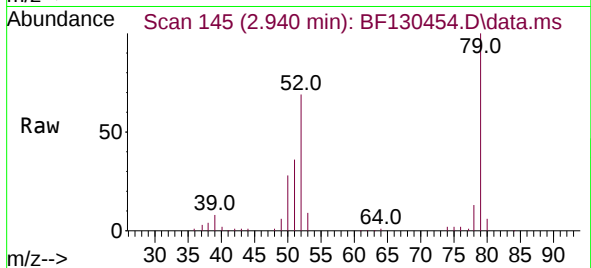
Tgt Ion: 88 Resp: 41030
Ion Ratio Lower Upper
88 100
58 74.1 61.3 91.9
43 33.7 23.0 34.6





#3
Pyridine
Concen: 15.198 ng
RT: 2.940 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

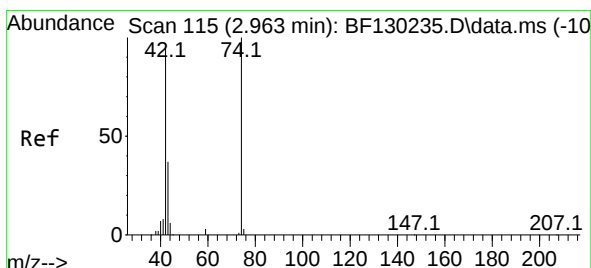
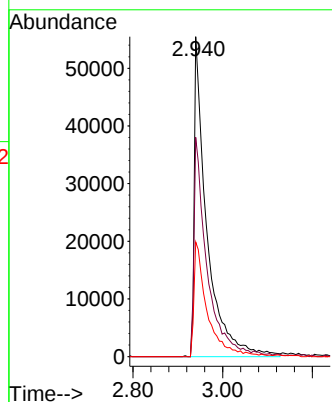
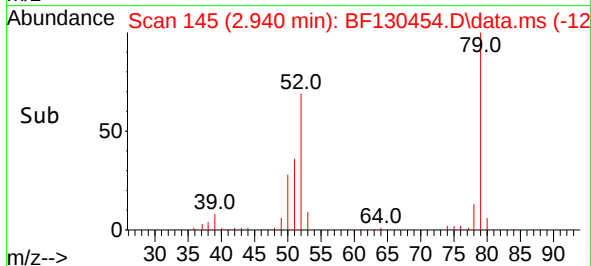
Instrument :
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ClientSampleId :
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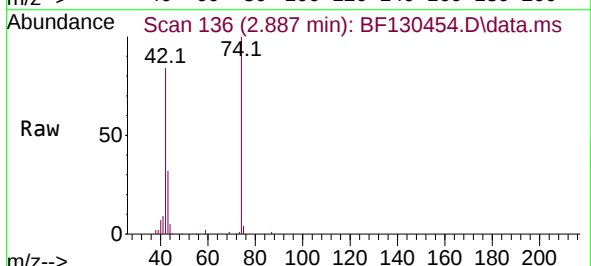
Tgt Ion: 79 Resp: 107256
Ion Ratio Lower Upper
79 100
52 68.5 62.4 93.6
51 35.8 32.2 48.4

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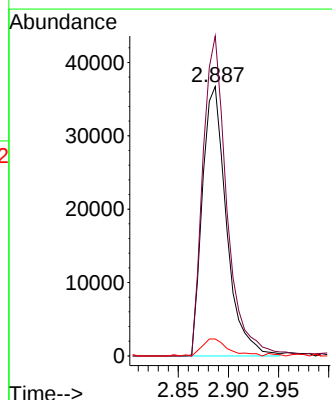
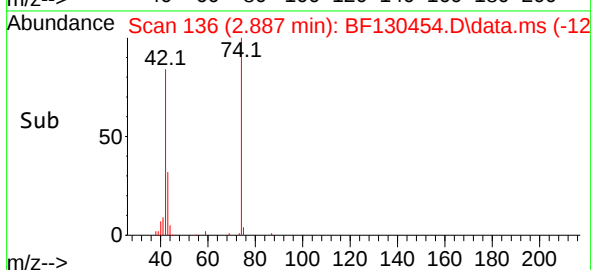
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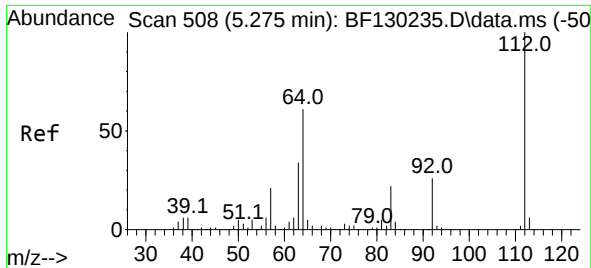


#4
n-Nitrosodimethylamine
Concen: 15.950 ng
RT: 2.887 min Scan# 136
Delta R.T. -0.018 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37



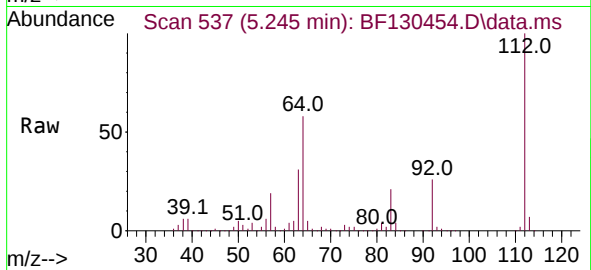
Tgt Ion: 42 Resp: 61218
Ion Ratio Lower Upper
42 100
74 118.8 88.4 132.6
44 6.2 5.0 7.4





#5
2-Fluorophenol
Concen: 58.573 ng
RT: 5.245 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

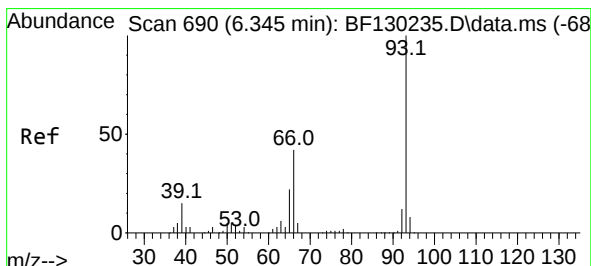
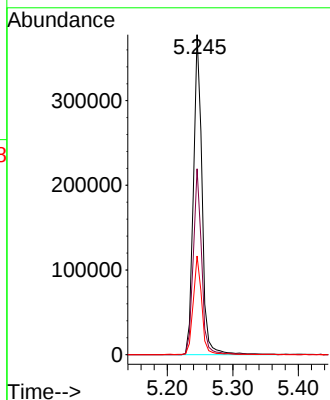
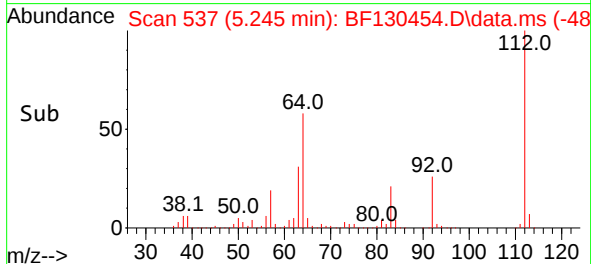
Instrument :
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Tgt Ion: 112 Resp: 345025
Ion Ratio Lower Upper
112 100
64 58.1 51.4 77.0
63 30.8 28.8 43.2

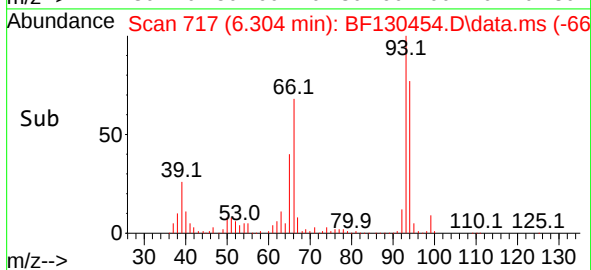
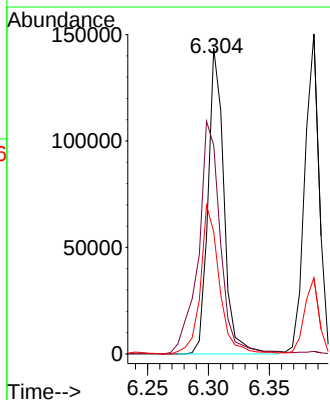
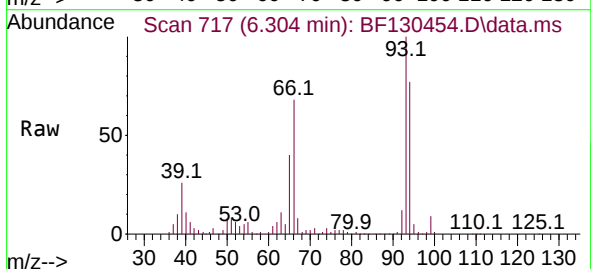
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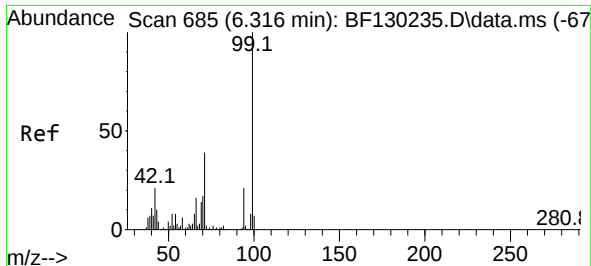
Reviewed By :Christian Giraldo 09/29/2022
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#6
Aniline
Concen: 14.388 ng
RT: 6.304 min Scan# 717
Delta R.T. -0.006 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

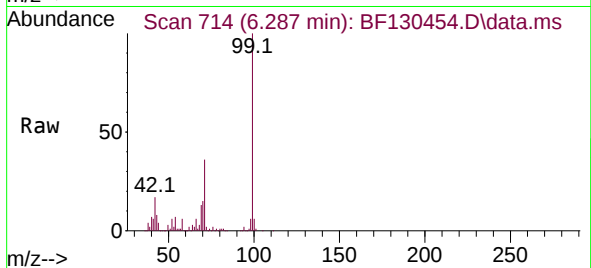
Tgt Ion: 93 Resp: 130664
Ion Ratio Lower Upper
93 100
66 68.2 34.2 51.4#
65 39.9 16.6 24.8#





#7
Phenol-d6
Concen: 54.860 ng
RT: 6.287 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

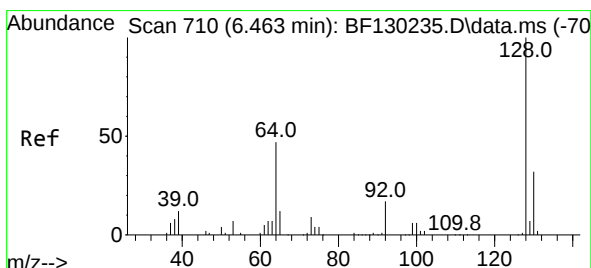
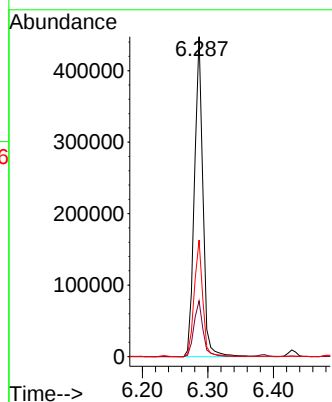
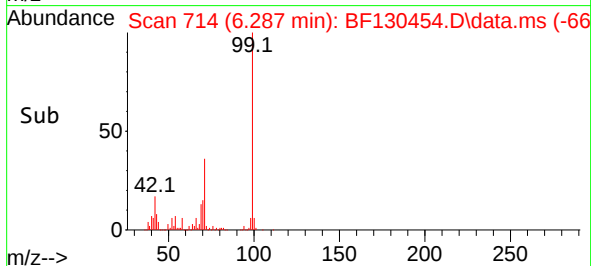
Instrument :
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Tgt Ion: 99 Resp: 404344
Ion Ratio Lower Upper
99 100
42 17.4 17.0 25.6
71 36.4 32.3 48.5

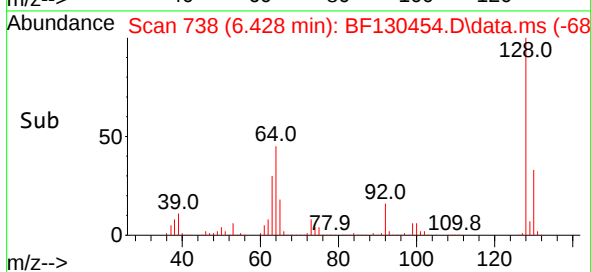
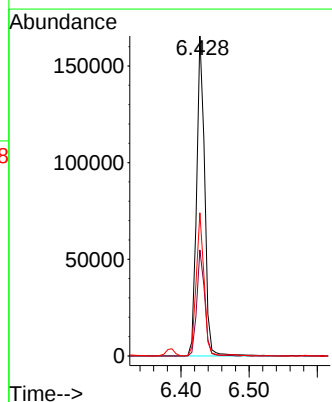
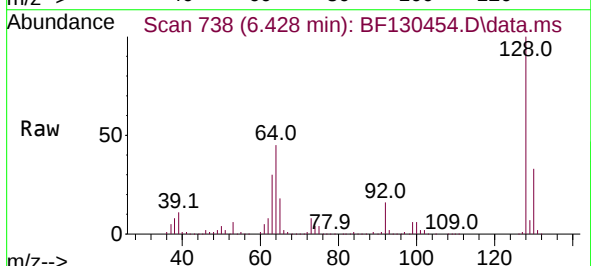
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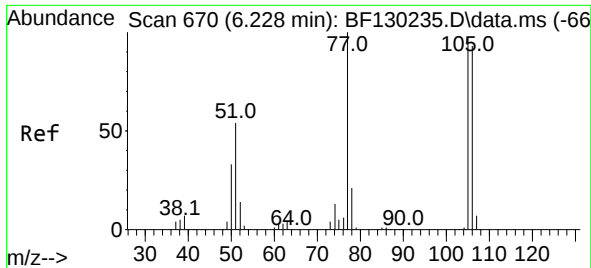
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#8
2-Chlorophenol
Concen: 20.287 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

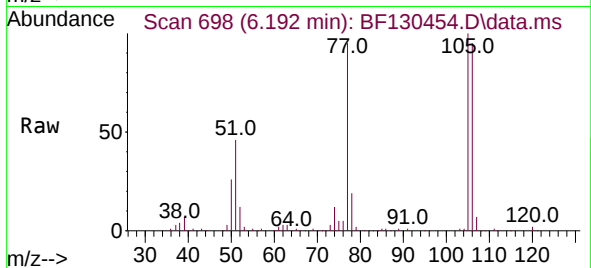
Tgt Ion:128 Resp: 136125
Ion Ratio Lower Upper
128 100
130 33.1 12.4 52.4
64 44.7 31.6 71.6





#9
Benzaldehyde
Concen: 15.464 ng
RT: 6.192 min Scan# 698
Delta R.T. 0.000 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

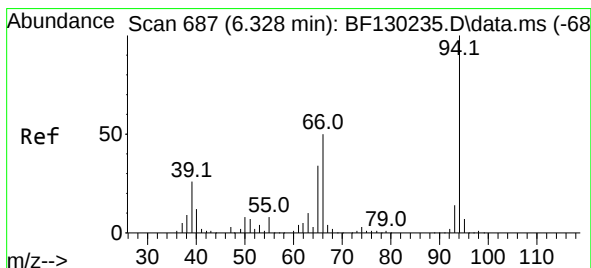
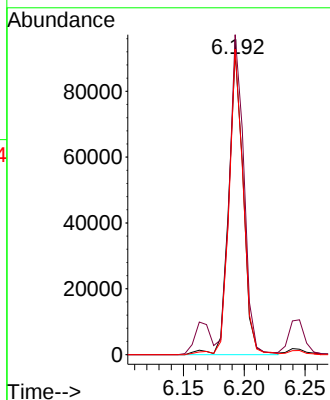
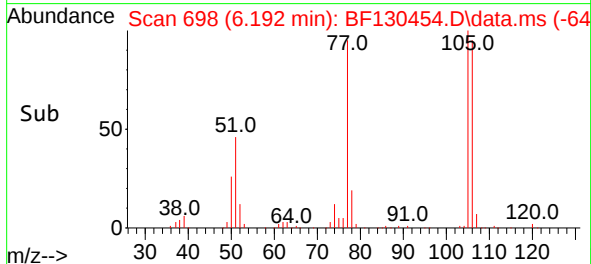
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Tgt Ion: 77 Resp: 76348
Ion Ratio Lower Upper
77 100
105 105.8 75.1 115.1
106 101.0 69.7 109.7

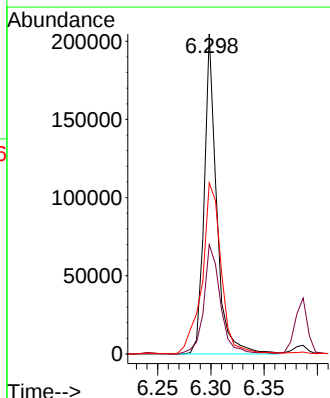
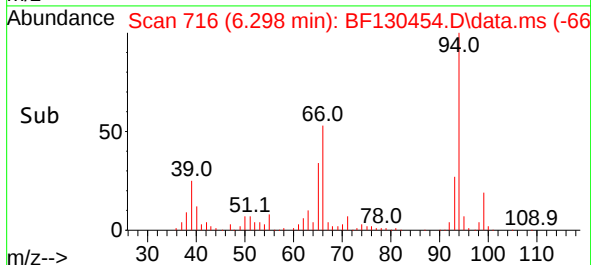
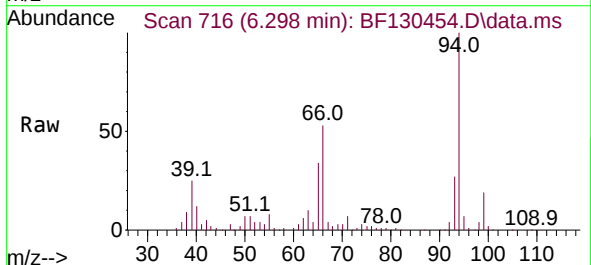
Manual Integrations
APPROVED

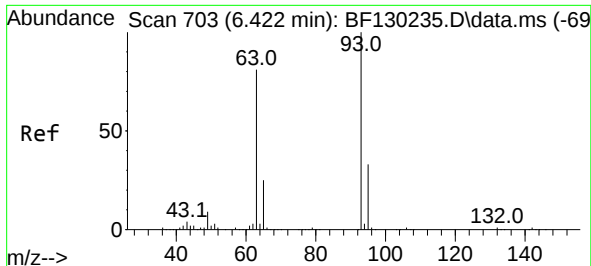
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#10
Phenol
Concen: 19.185 ng
RT: 6.298 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

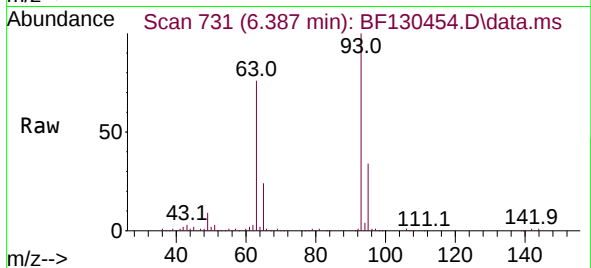
Tgt Ion: 94 Resp: 165706
Ion Ratio Lower Upper
94 100
65 34.1 14.1 54.1
66 53.4 28.1 68.1





#11
bis(2-Chloroethyl)ether
Concen: 19.652 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

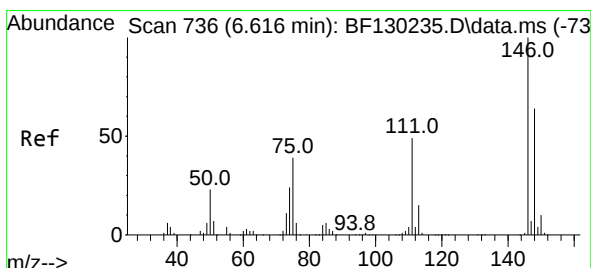
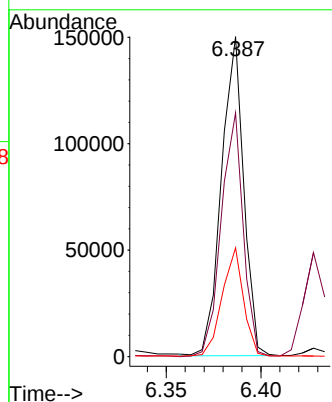
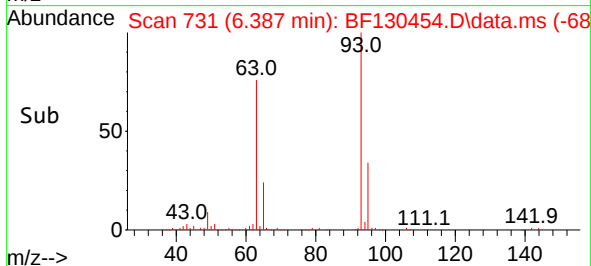
Instrument :
BNA_F
ClientSampleId :
OR-02-092722MS



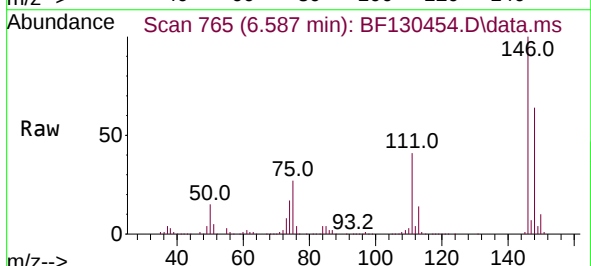
Tgt Ion: 93 Resp: 122431
Ion Ratio Lower Upper
93 100
63 76.2 62.5 102.5
95 34.0 12.5 52.5

Manual Integrations
APPROVED

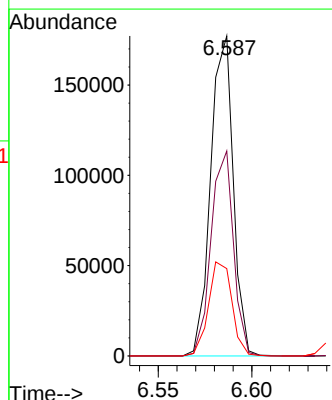
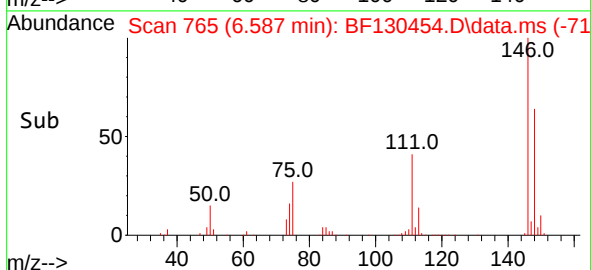
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

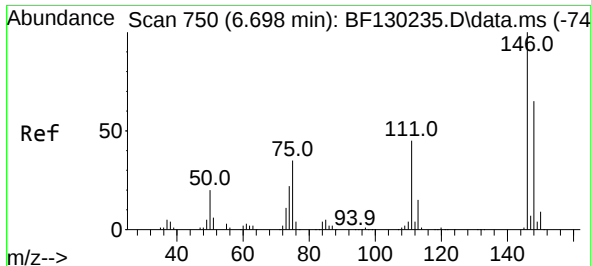


#12
1,3-Dichlorobenzene
Concen: 20.157 ng m
RT: 6.587 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37



Tgt Ion:146 Resp: 148823
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.2
75 27.3 28.8 43.2#





#13

1,4-Dichlorobenzene

Concen: 20.168 ng

RT: 6.663 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF130454.D

Acq: 28 Sep 2022 18:37

Instrument :

BNA_F

ClientSampleId :

OR-02-092722MS

Tgt Ion:146 Resp: 15184

Ion Ratio Lower Upper

146 100

148 63.3 50.3 75.5

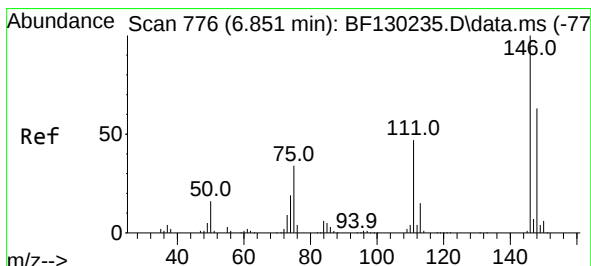
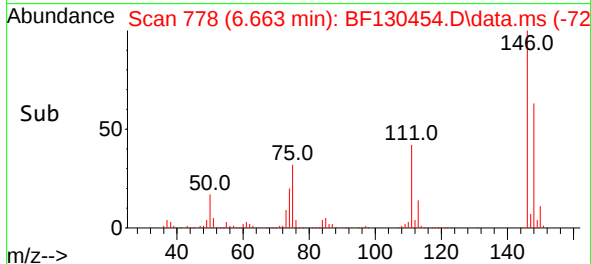
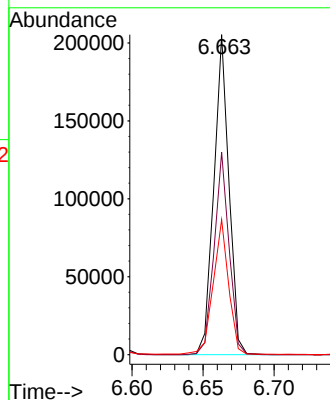
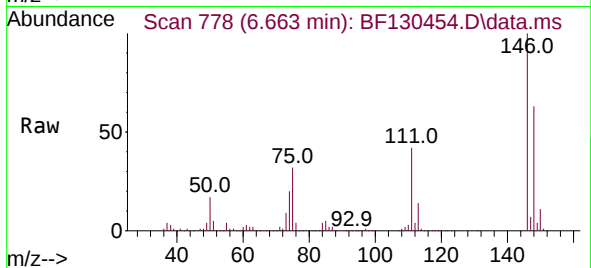
111 42.2 36.3 54.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/29/2022

Supervised By :Jagrut Upadhyay 09/29/2022



#14

1,2-Dichlorobenzene

Concen: 20.032 ng

RT: 6.816 min Scan# 804

Delta R.T. 0.000 min

Lab File: BF130454.D

Acq: 28 Sep 2022 18:37

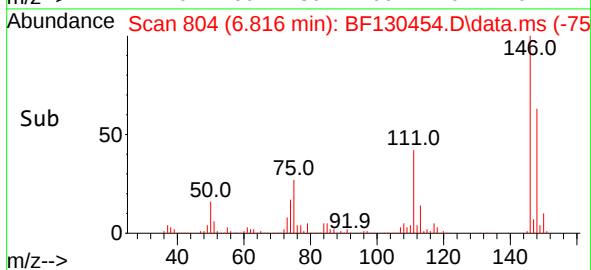
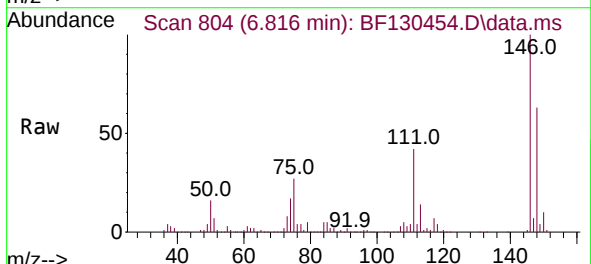
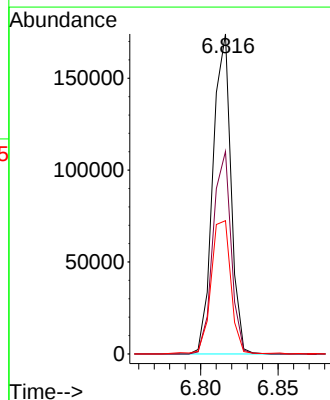
Tgt Ion:146 Resp: 140893

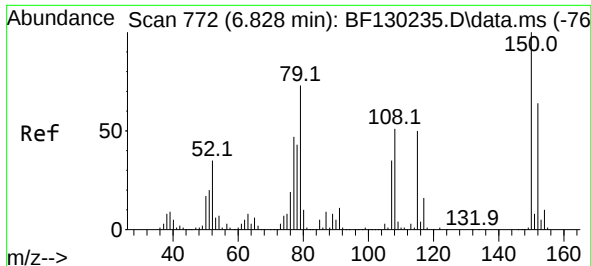
Ion Ratio Lower Upper

146 100

148 63.3 51.6 77.4

111 41.6 39.2 58.8





#15

Benzyl Alcohol

Concen: 11.122 ng m

RT: 6.792 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF130454.D

Acq: 28 Sep 2022 18:37

Instrument :

BNA_F

ClientSampleId :

OR-02-092722MS

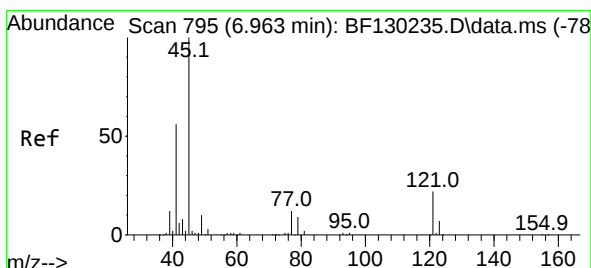
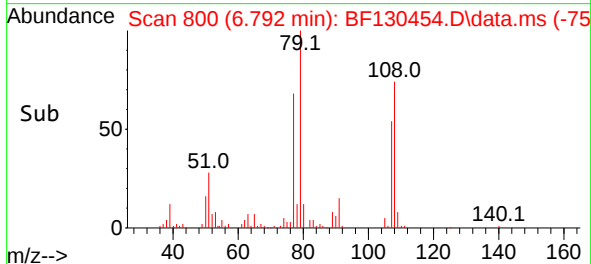
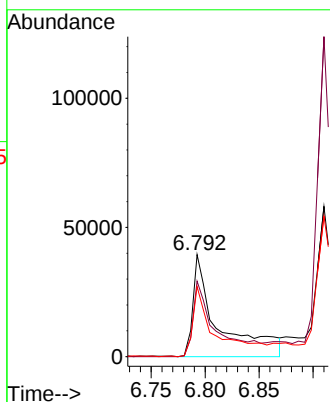
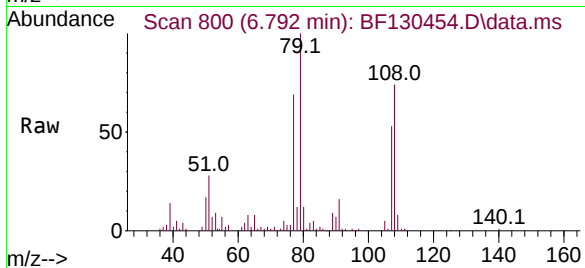
Tgt Ion: 79 Resp: 6499

Ion	Ratio	Lower	Upper
79	100		
108	74.0	54.0	81.0
77	68.5	51.3	76.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#16

2,2'-oxybis(1-Chloropropane)

Concen: 16.653 ng

RT: 6.928 min Scan# 823

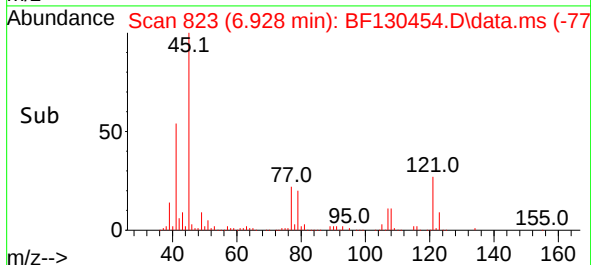
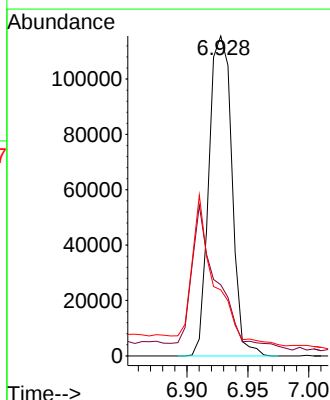
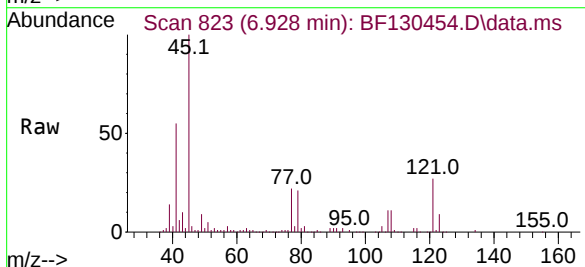
Delta R.T. 0.000 min

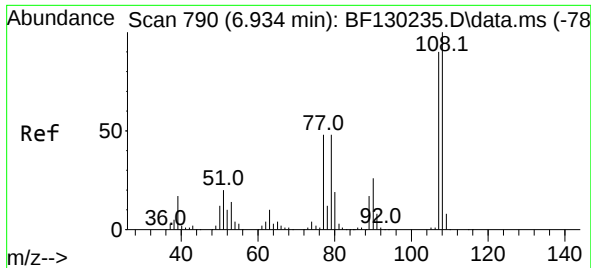
Lab File: BF130454.D

Acq: 28 Sep 2022 18:37

Tgt Ion: 45 Resp: 151316

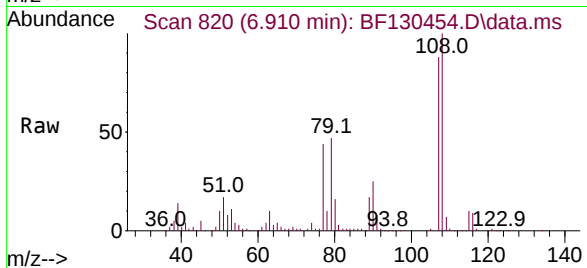
Ion	Ratio	Lower	Upper
45	100		
77	22.2	0.0	34.9
79	20.6	0.0	31.0





#17
2-Methylphenol
Concen: 20.277 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

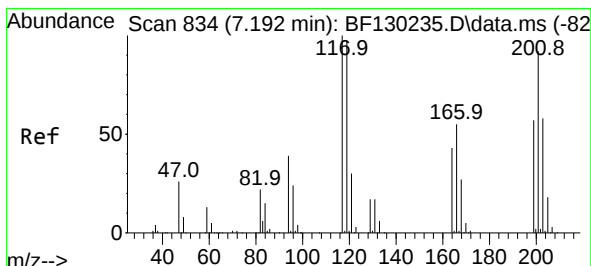
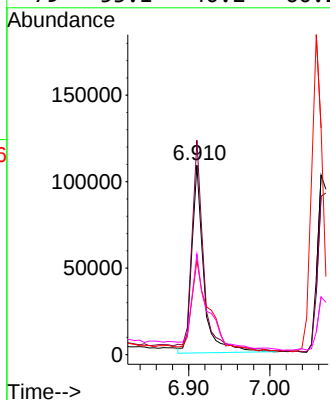
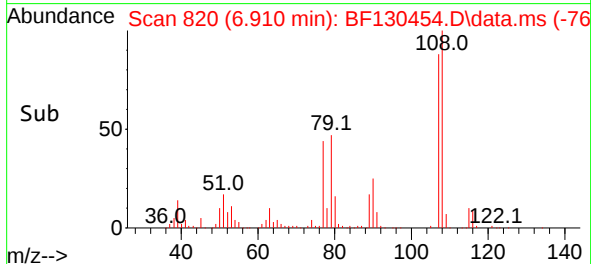
Instrument :
BNA_F
ClientSampleId :
OR-02-092722MS



Tgt Ion:107 Resp: 110603
Ion Ratio Lower Upper
107 100
108 113.1 89.4 134.0
77 49.6 40.6 60.8
79 53.1 40.2 60.2

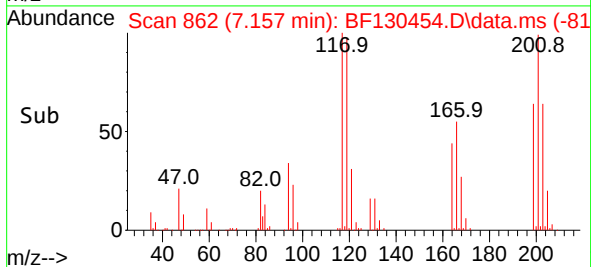
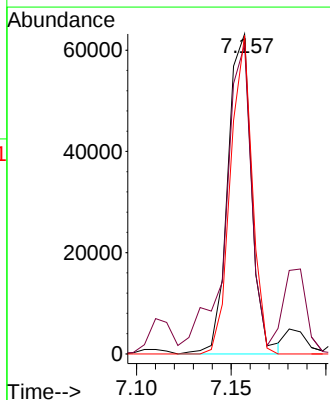
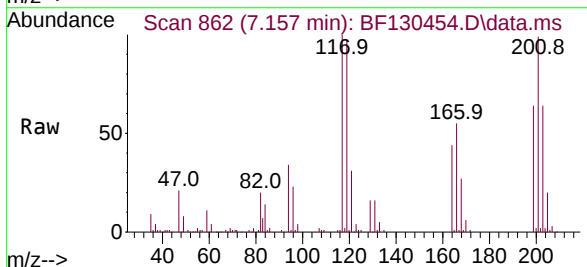
Manual Integrations
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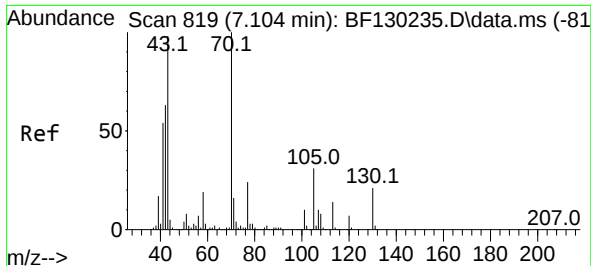
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#18
Hexachloroethane
Concen: 18.662 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.000 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

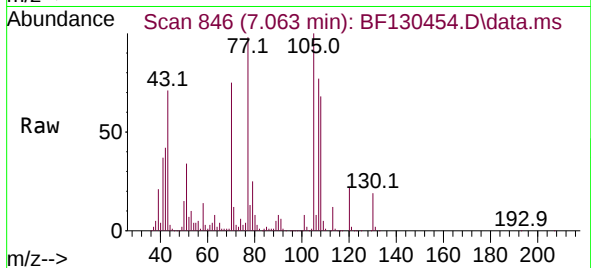
Tgt Ion:117 Resp: 55387
Ion Ratio Lower Upper
117 100
119 96.6 77.8 116.6
201 99.5 68.7 103.1





#19
n-Nitroso-di-n-propylamine
Concen: 18.033 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

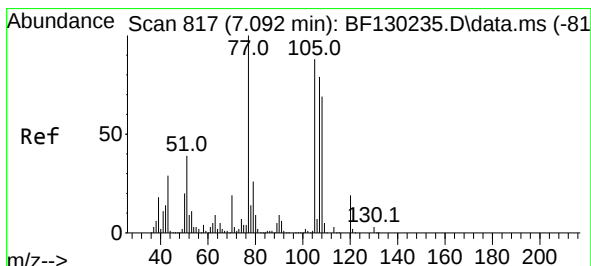
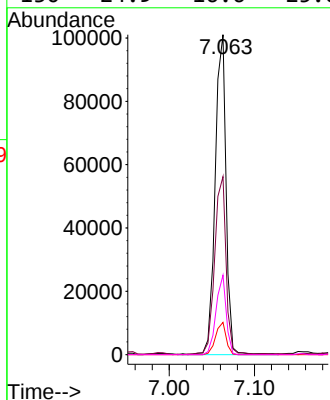
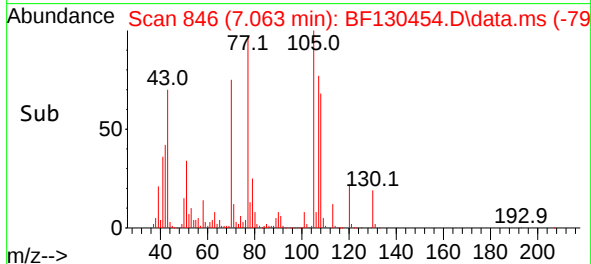
Instrument :
BNA_F
ClientSampleId :
OR-02-092722MS



Tgt Ion: 70 Resp: 89686
Ion Ratio Lower Upper
70 100
42 55.6 50.8 76.2
101 10.1 8.2 12.4
130 24.9 16.6 25.0

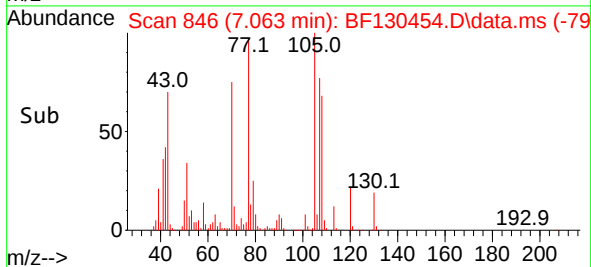
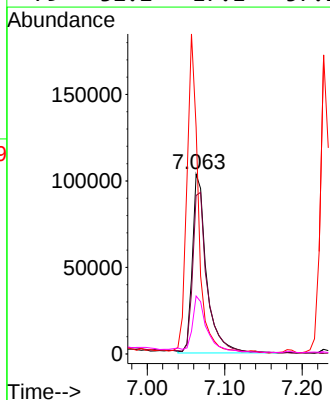
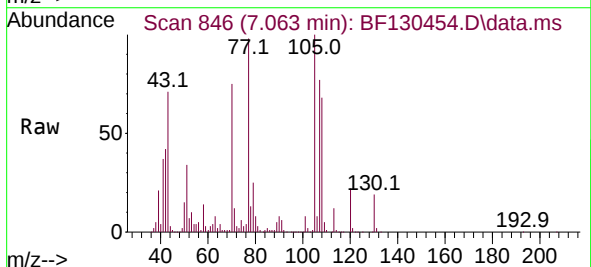
Manual Integrations
APPROVED

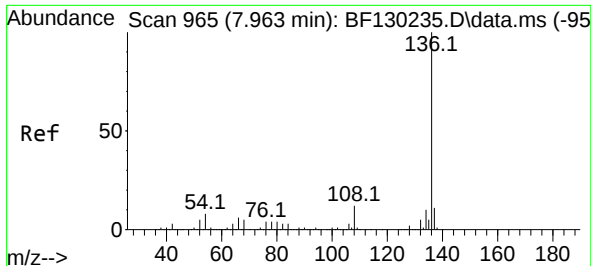
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#20
3+4-Methylphenols
Concen: 18.588 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

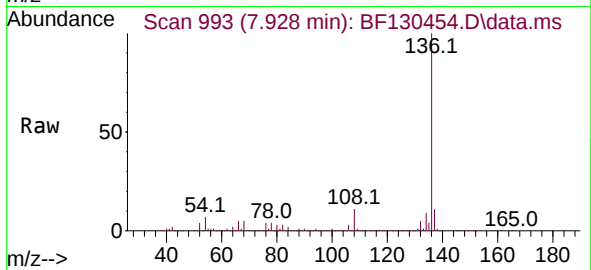
Tgt Ion:107 Resp: 131710
Ion Ratio Lower Upper
107 100
108 88.2 74.8 114.8
77 126.2 125.8 165.8
79 32.2 17.1 57.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.928 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

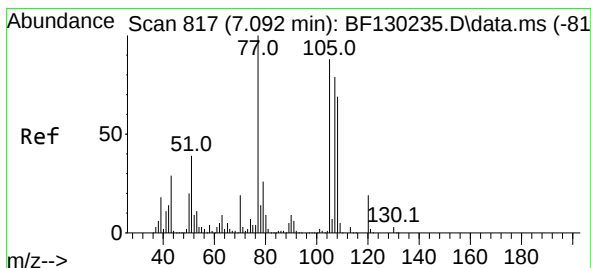
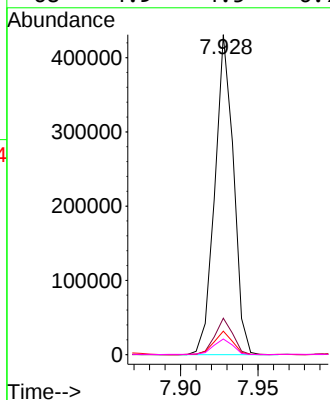
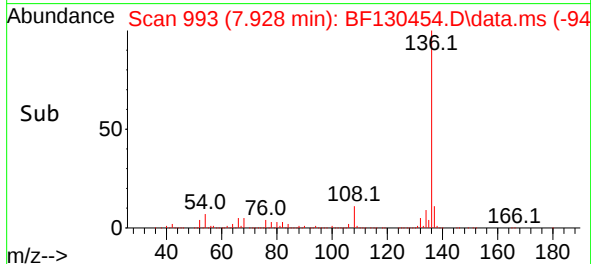
Instrument :
BNA_F
ClientSampleId :
OR-02-092722MS



Tgt Ion:136 Resp: 361608
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 7.3 7.1 10.7
68 4.9 4.5 6.7

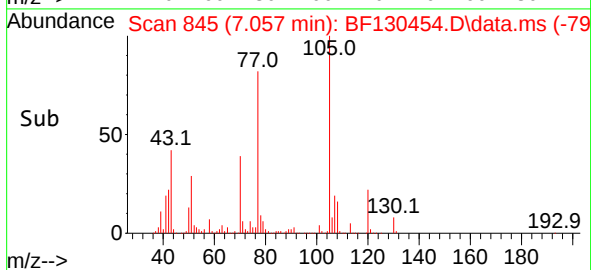
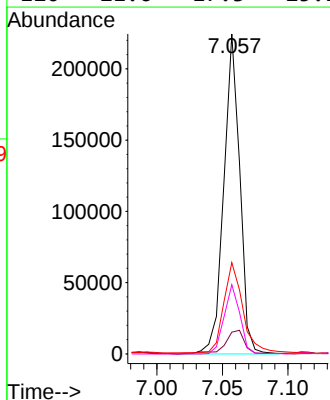
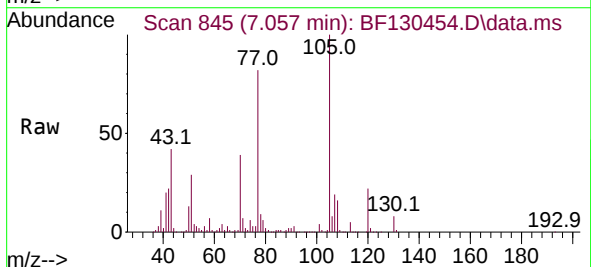
Manual Integrations
APPROVED

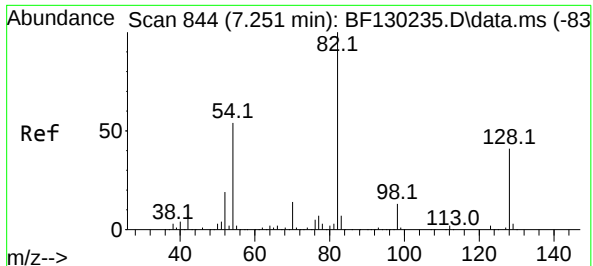
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#22
Acetophenone
Concen: 21.640 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

Tgt Ion:105 Resp: 191313
Ion Ratio Lower Upper
105 100
71 6.8 3.9 5.9#
51 28.5 32.2 48.2#
120 21.6 17.3 25.9





#23

Nitrobenzene-d5

Concen: 33.965 ng

RT: 7.210 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF130454.D

Acq: 28 Sep 2022 18:37

Instrument :

BNA_F

ClientSampleId :

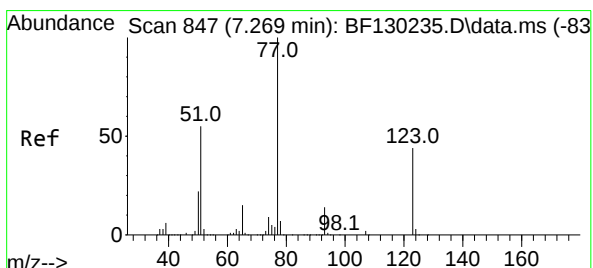
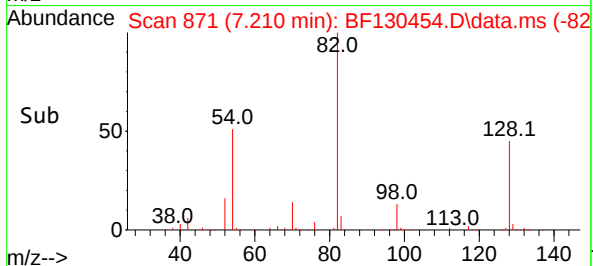
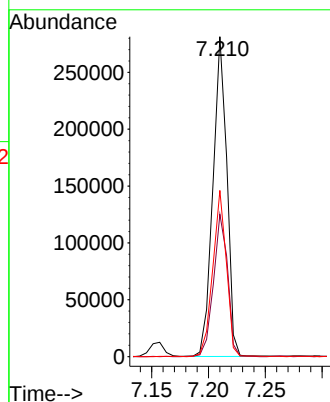
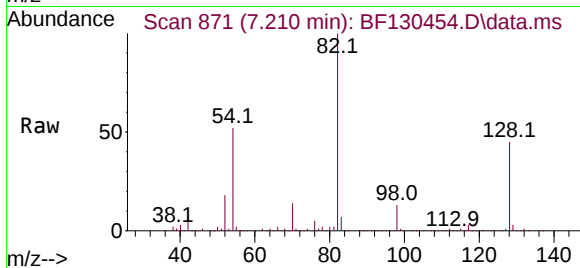
OR-02-092722MS

Tgt Ion: 82 Resp: 240404
 Ion Ratio Lower Upper
 82 100
 128 44.5 32.6 49.0
 54 51.9 43.8 65.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/29/2022
 Supervised By :Jagrut Upadhyay 09/29/2022



#24

Nitrobenzene

Concen: 18.521 ng

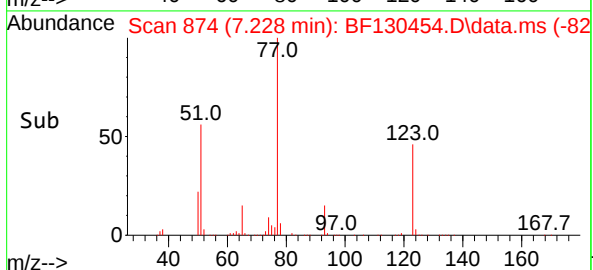
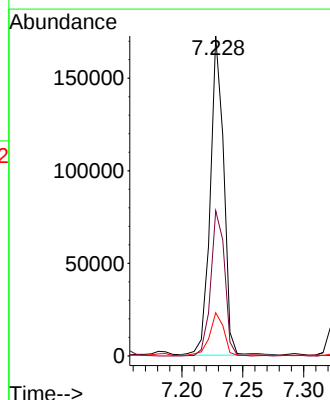
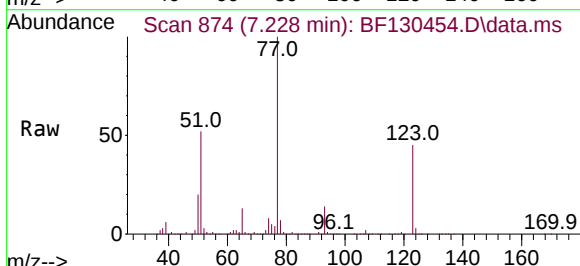
RT: 7.228 min Scan# 874

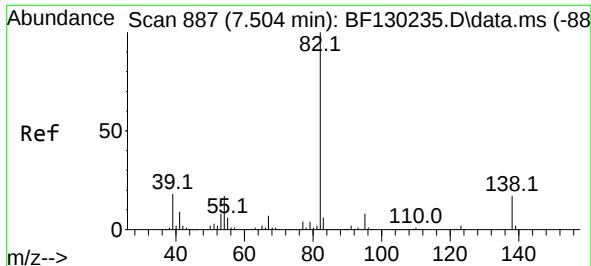
Delta R.T. -0.006 min

Lab File: BF130454.D

Acq: 28 Sep 2022 18:37

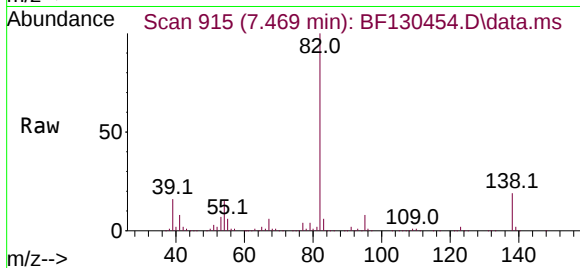
Tgt Ion: 77 Resp: 133110
 Ion Ratio Lower Upper
 77 100
 123 45.4 34.3 51.5
 65 13.5 12.0 18.0





#25
Isophorone
Concen: 20.263 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

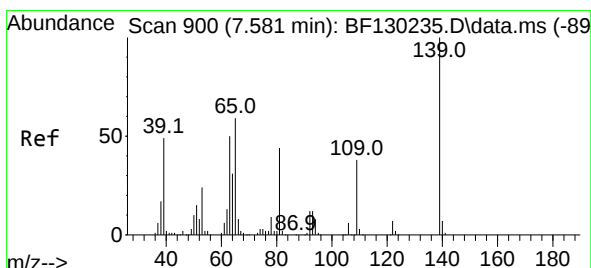
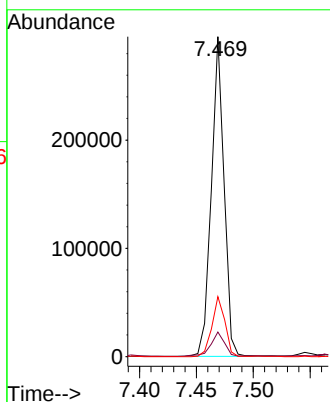
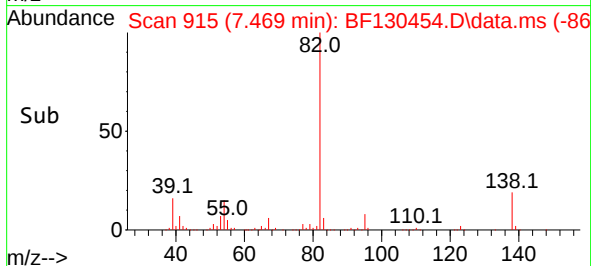
Instrument :
BNA_F
ClientSampleId :
OR-02-092722MS



Tgt Ion: 82 Resp: 231165
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 18.8 13.8 20.6

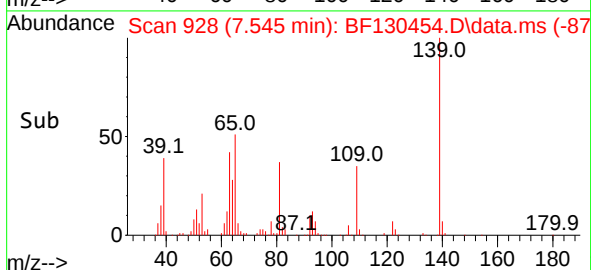
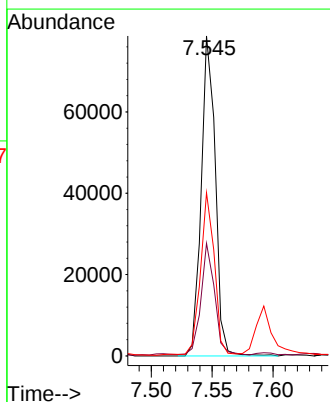
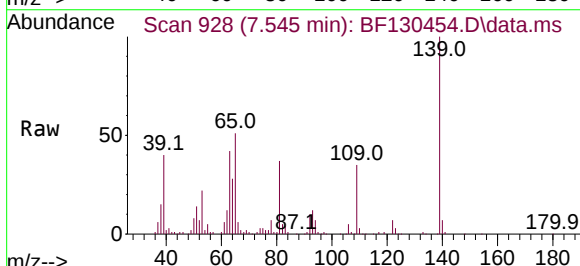
Manual Integrations
APPROVED

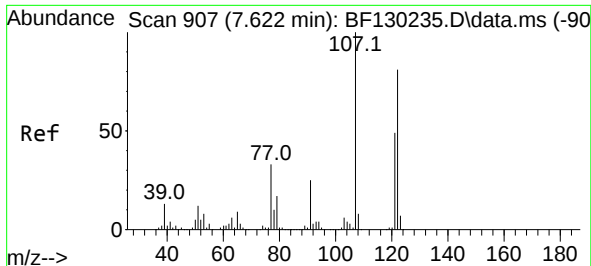
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#26
2-Nitrophenol
Concen: 21.510 ng
RT: 7.545 min Scan# 928
Delta R.T. -0.006 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

Tgt Ion:139 Resp: 63373
Ion Ratio Lower Upper
139 100
109 35.2 30.2 45.4
65 51.0 48.9 73.3





#27

2,4-Dimethylphenol

Concen: 23.524 ng

RT: 7.592 min Scan# 936

Delta R.T. 0.000 min

Lab File: BF130454.D

Acq: 28 Sep 2022 18:37

Instrument :

BNA_F

ClientSampleId :

OR-02-092722MS

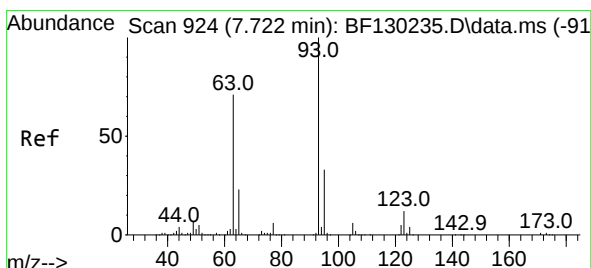
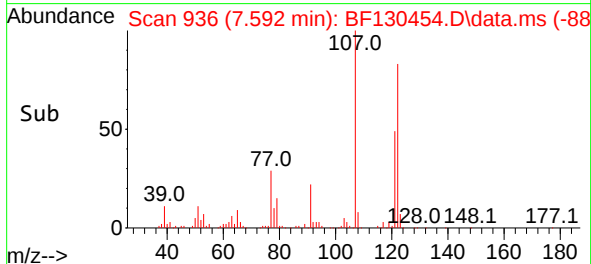
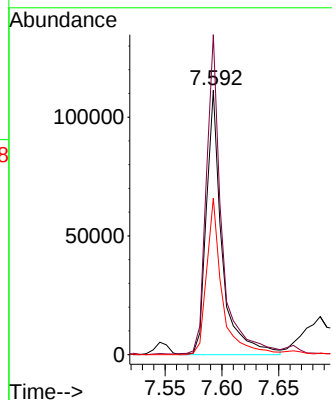
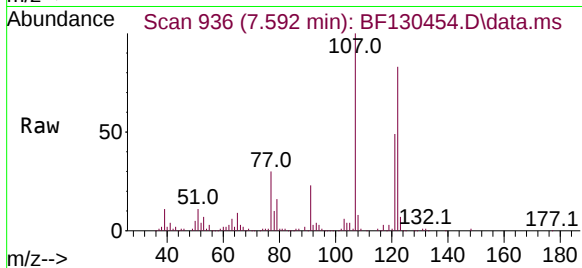
Tgt Ion:122 Resp: 106714
 Ion Ratio Lower Upper
 122 100
 107 121.0 100.2 150.2
 121 59.2 47.8 71.8

Manual Integrations

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Reviewed By :Christian Giraldo 09/29/2022

Supervised By :Jagrut Upadhyay 09/29/2022



#28

bis(2-Chloroethoxy)methane

Concen: 22.059 ng

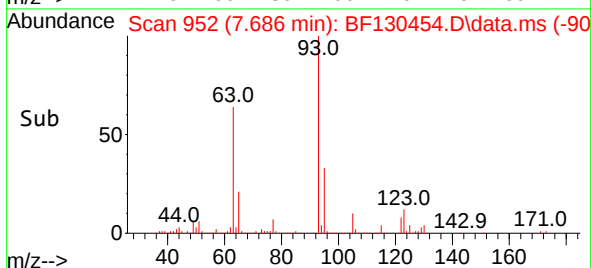
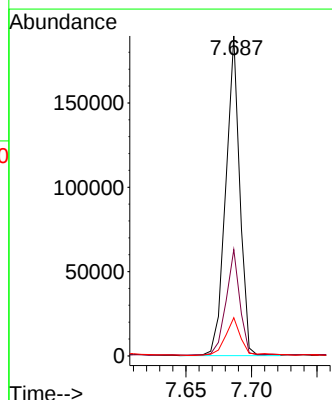
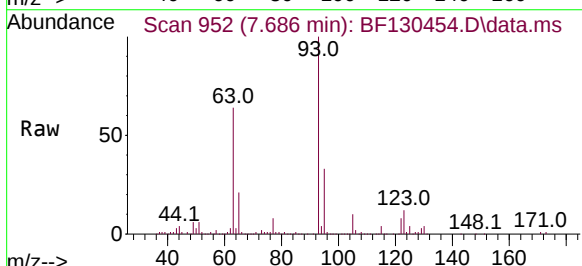
RT: 7.686 min Scan# 952

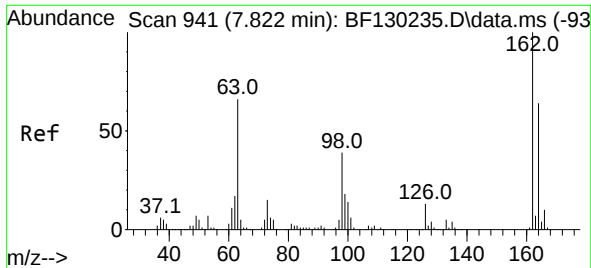
Delta R.T. 0.000 min

Lab File: BF130454.D

Acq: 28 Sep 2022 18:37

Tgt Ion: 93 Resp: 141704
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.3 39.5
 123 11.9 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 19.711 ng

RT: 7.792 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF130454.D

Acq: 28 Sep 2022 18:37

Instrument :

BNA_F

ClientSampleId :

OR-02-092722MS

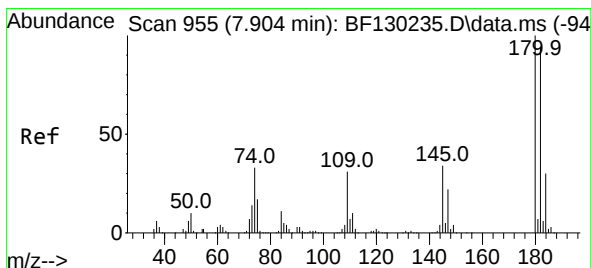
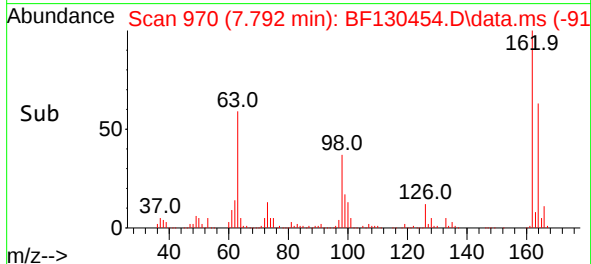
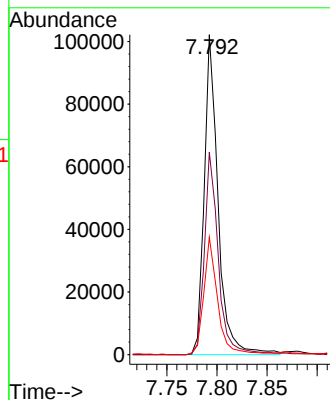
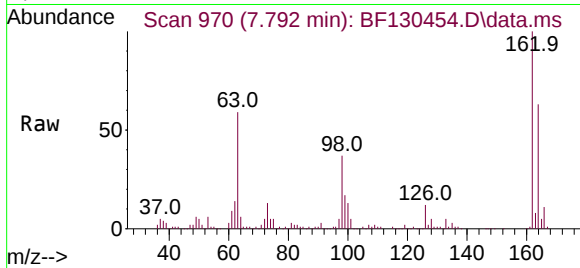
Tgt Ion:162	Resp:	97986
Ion Ratio	Lower	Upper
162	100	
164	63.3	42.2 82.2
98	36.7	21.7 61.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/29/2022

Supervised By :Jagrut Upadhyay 09/29/2022



#30

1,2,4-Trichlorobenzene

Concen: 20.194 ng

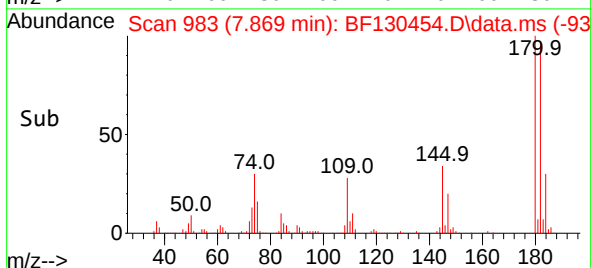
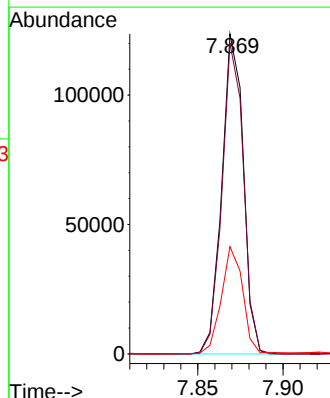
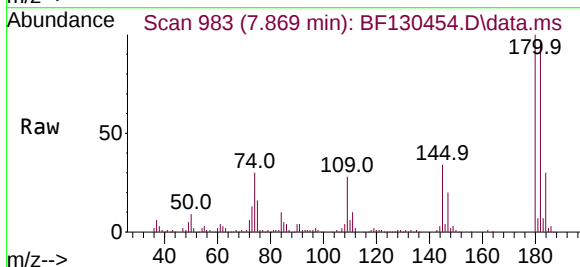
RT: 7.869 min Scan# 983

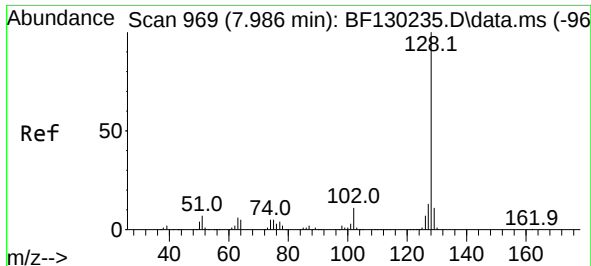
Delta R.T. -0.006 min

Lab File: BF130454.D

Acq: 28 Sep 2022 18:37

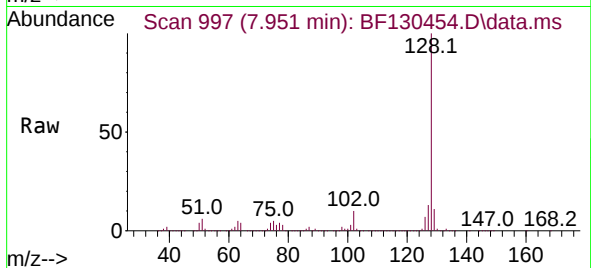
Tgt Ion:180	Resp:	108532
Ion Ratio	Lower	Upper
180	100	
182	97.1	73.3 109.9
145	33.5	28.3 42.5





#31
Naphthalene
Concen: 44.399 ng
RT: 7.951 min Scan# 99
Delta R.T. 0.000 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

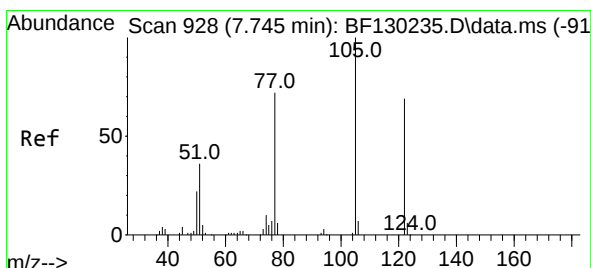
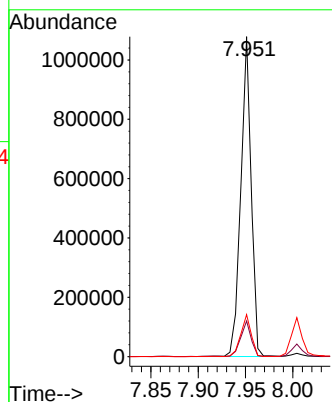
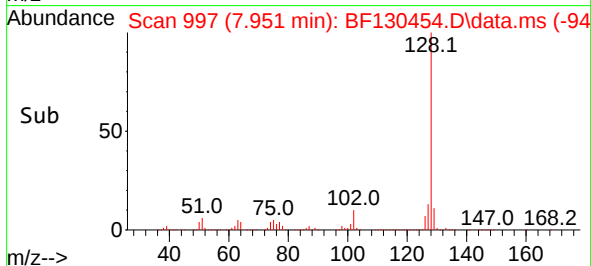
Instrument :
BNA_F
ClientSampleId :
OR-02-092722MS



Tgt Ion:128 Resp: 82713
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.1 10.6 16.0

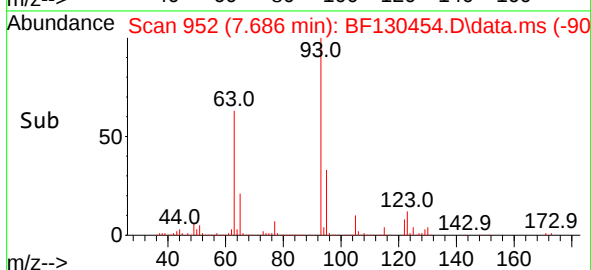
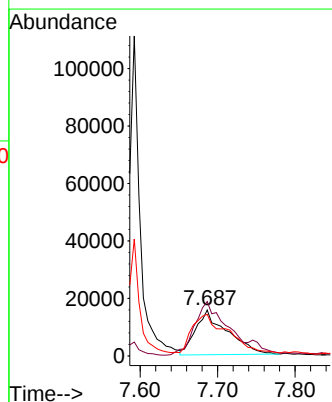
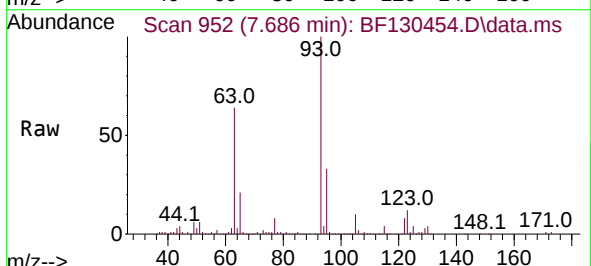
Manual Integrations
APPROVED

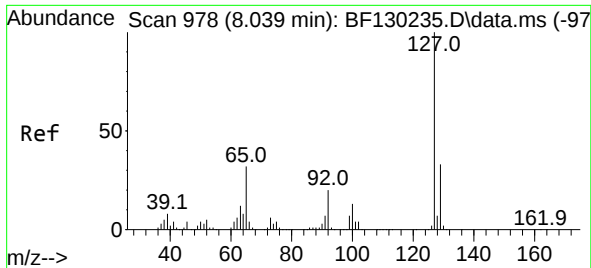
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#32
Benzoic acid
Concen: 12.503 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.047 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

Tgt Ion:122 Resp: 43863
Ion Ratio Lower Upper
122 100
105 118.3 112.9 152.9
77 90.5 82.8 122.8





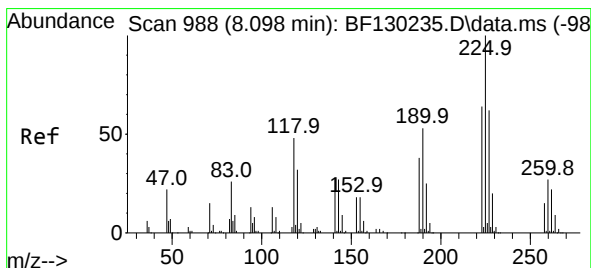
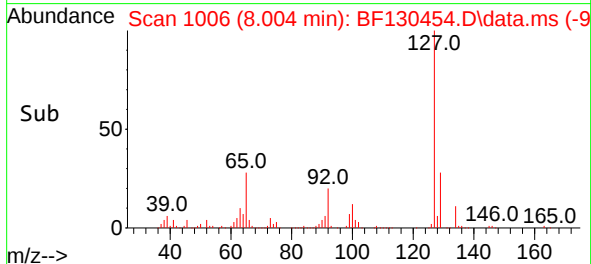
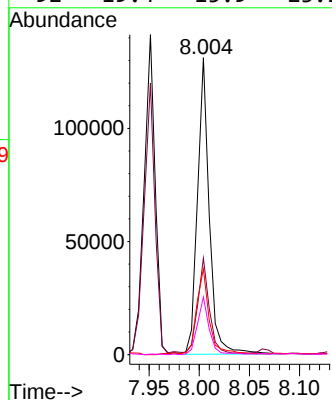
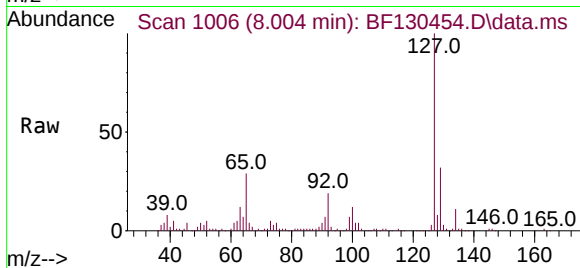
#33
4-Chloroaniline
Concen: 15.117 ng
RT: 8.004 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

Instrument :
BNA_F
ClientSampleId :
OR-02-092722MS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.6	38.4
65	28.9	27.0	40.6
92	19.4	15.9	23.9

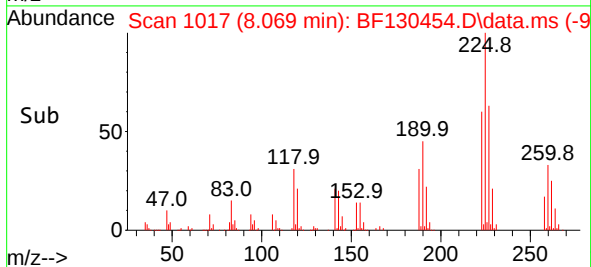
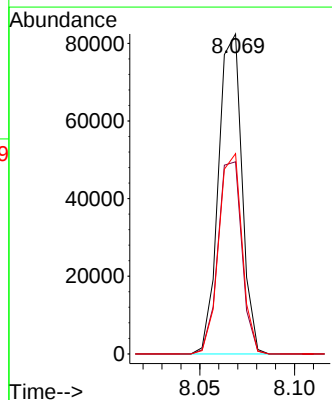
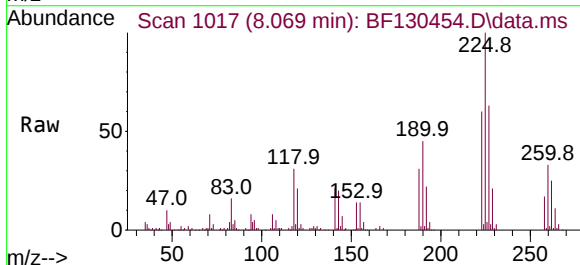
Manual Integrations
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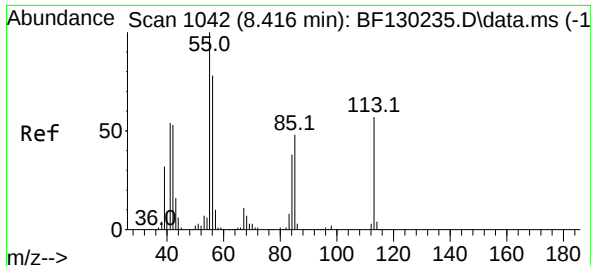
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#34
Hexachlorobutadiene
Concen: 20.668 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

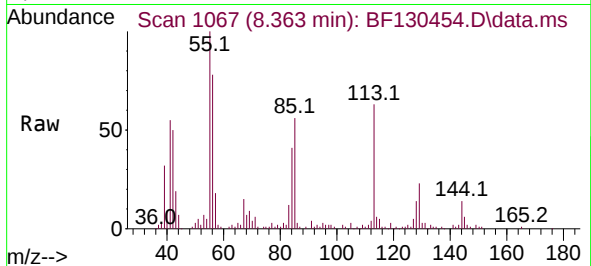
Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.0	50.3	75.5
227	62.6	51.1	76.7





#35
Caprolactam
Concen: 19.613 ng m
RT: 8.363 min Scan# 1067
Delta R.T. -0.024 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

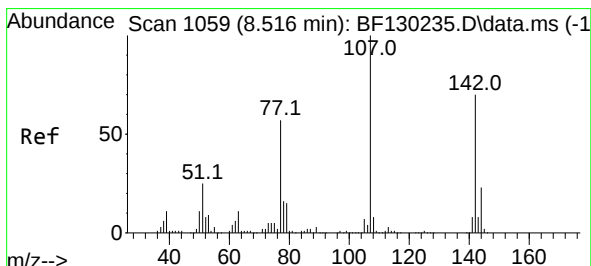
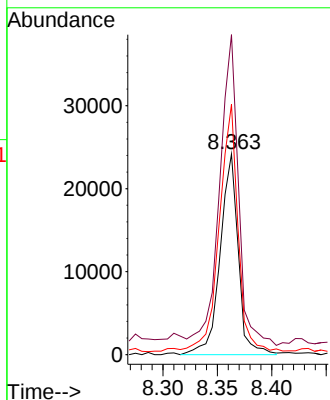
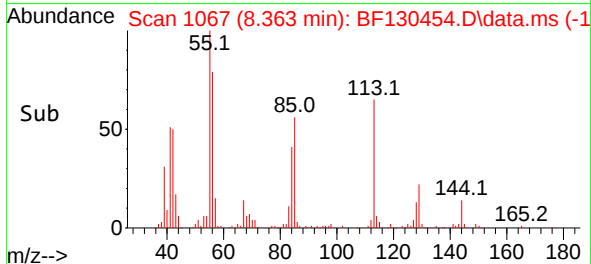
Instrument :
BNA_F
ClientSampleId :
OR-02-092722MS



Tgt Ion:113 Resp: 2795
Ion Ratio Lower Upper
113 100
55 159.6 155.4 195.4
56 124.8 120.4 160.4

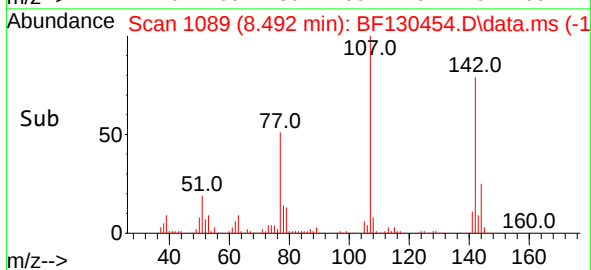
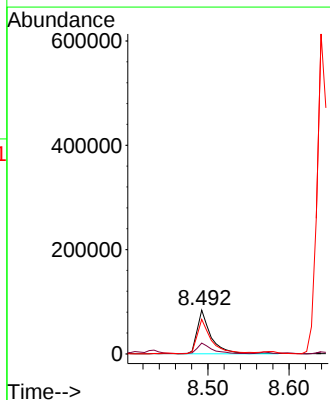
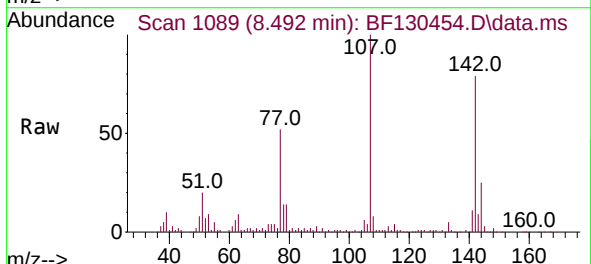
Manual Integrations
APPROVED

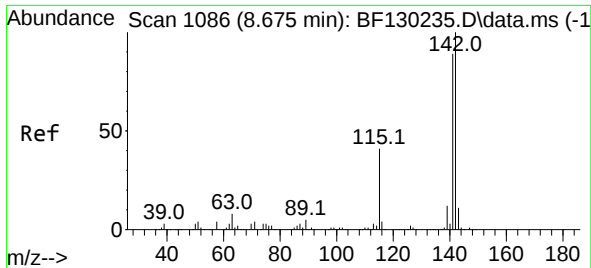
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#36
4-Chloro-3-methylphenol
Concen: 17.640 ng
RT: 8.492 min Scan# 1089
Delta R.T. 0.000 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

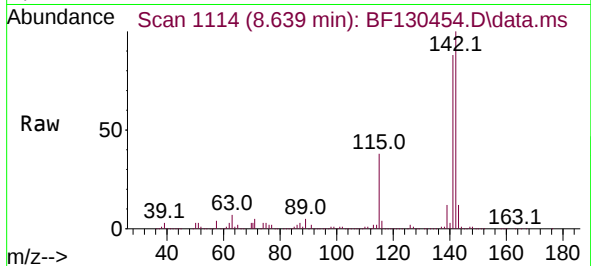
Tgt Ion:107 Resp: 97198
Ion Ratio Lower Upper
107 100
144 24.7 20.0 30.0
142 78.6 61.3 91.9





#37
2-Methylnaphthalene
Concen: 43.633 ng
RT: 8.639 min Scan# 1114
Delta R.T. 0.000 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

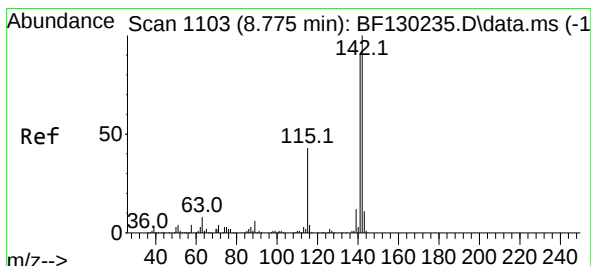
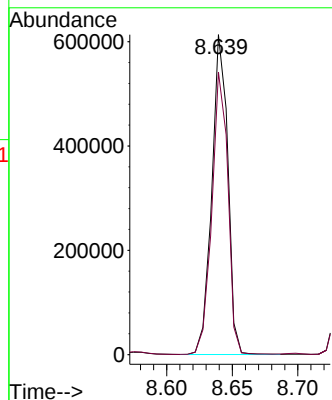
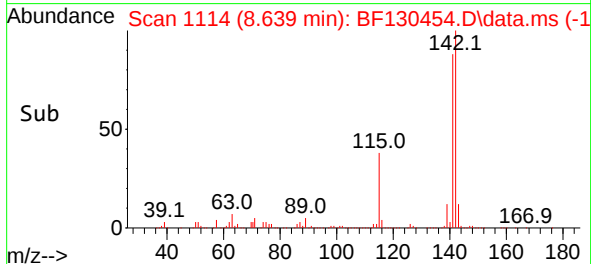
Instrument :
BNA_F
ClientSampleId :
OR-02-092722MS



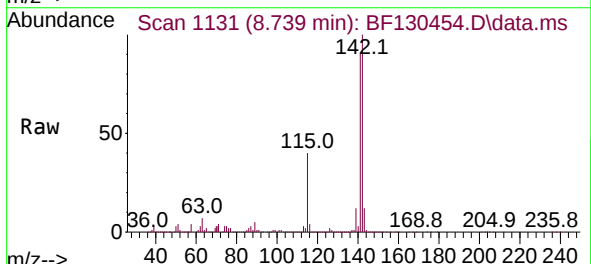
Tgt Ion:142 Resp: 518280
Ion Ratio Lower Upper
142 100
141 88.3 70.0 105.0

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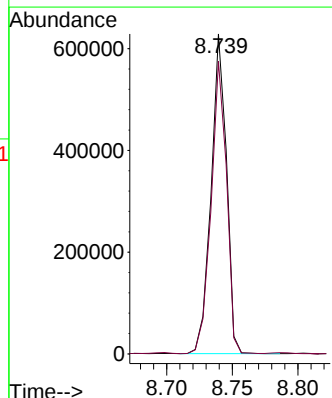
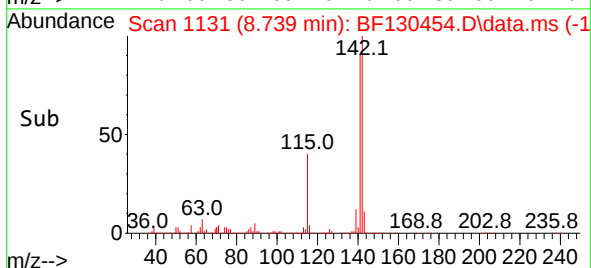
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

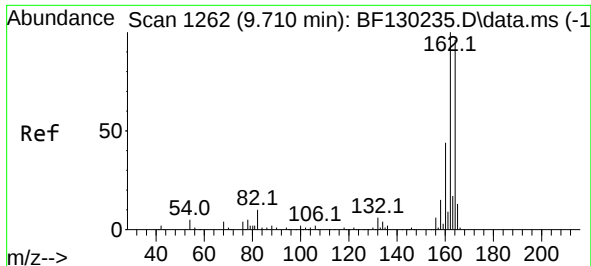


#38
1-Methylnaphthalene
Concen: 44.930 ng
RT: 8.739 min Scan# 1131
Delta R.T. 0.000 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37



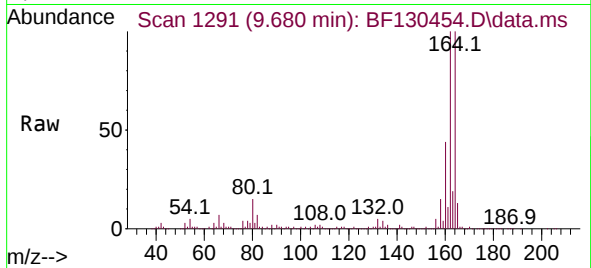
Tgt Ion:142 Resp: 512678
Ion Ratio Lower Upper
142 100
141 91.4 73.8 110.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.680 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

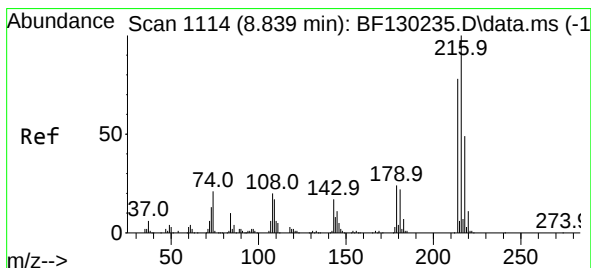
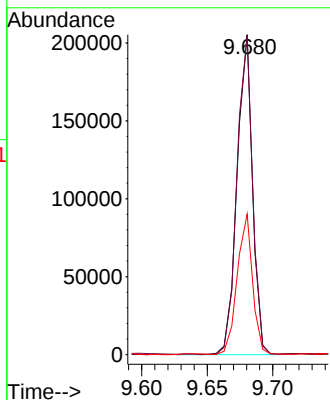
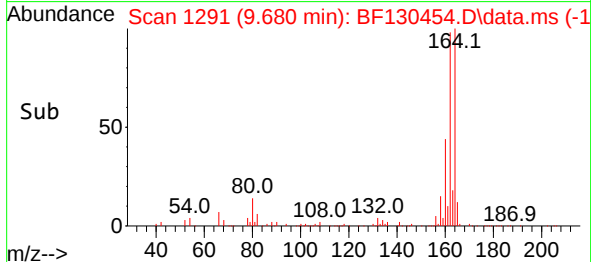
Instrument :
BNA_F
ClientSampleId :
OR-02-092722MS



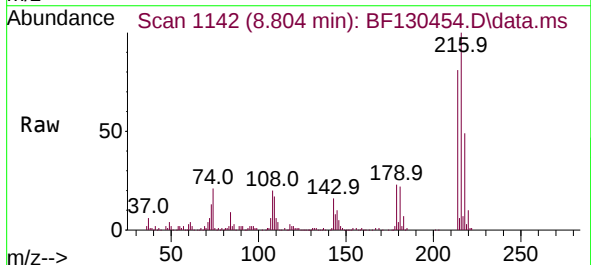
Tgt Ion:164 Resp: 16791
Ion Ratio Lower Upper
164 100
162 99.8 81.4 122.0
160 43.9 36.2 54.4

Manual Integrations
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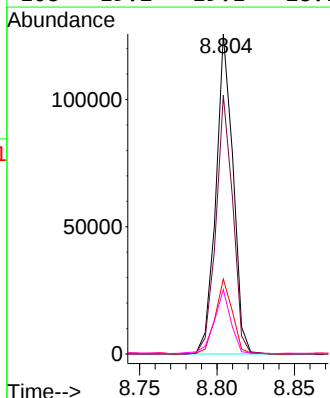
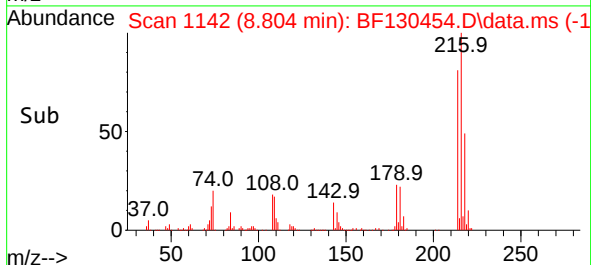
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

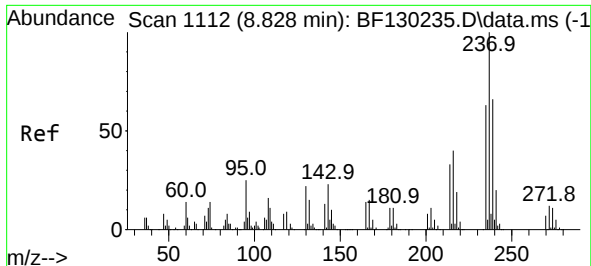


#40
1,2,4,5-Tetrachlorobenzene
Concen: 21.212 ng
RT: 8.804 min Scan# 1142
Delta R.T. 0.000 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37



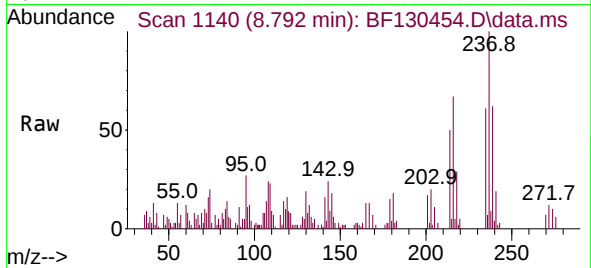
Tgt Ion:216 Resp: 97207
Ion Ratio Lower Upper
216 100
214 79.2 62.8 94.2
179 23.4 19.5 29.3
108 19.2 19.1 28.7





#41
Hexachlorocyclopentadiene
Concen: 4.697 ng
RT: 8.792 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

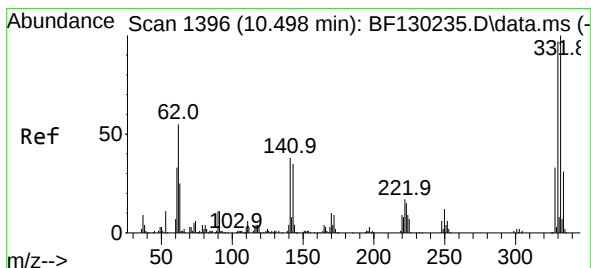
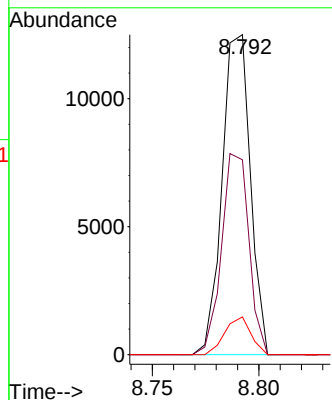
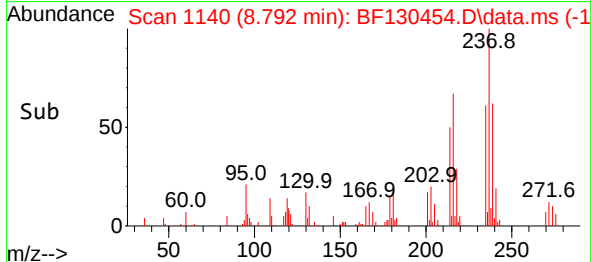
Instrument :
BNA_F
ClientSampleId :
OR-02-092722MS



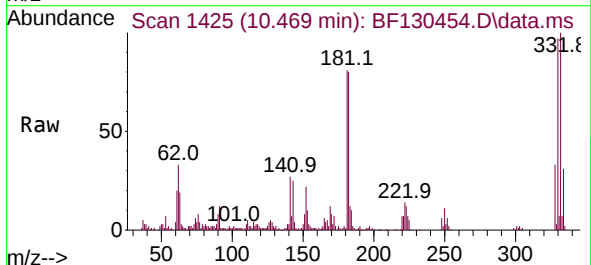
Tgt Ion:237 Resp: 11525
Ion Ratio Lower Upper
237 100
235 60.9 42.5 82.5
272 11.8 0.0 32.8

Manual Integrations
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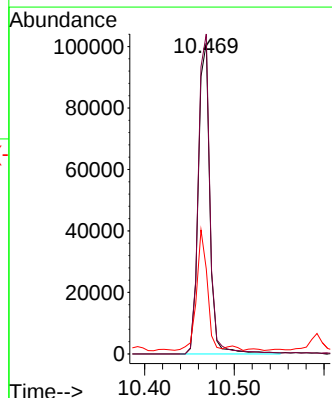
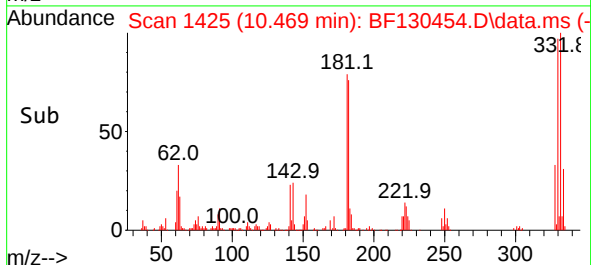
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

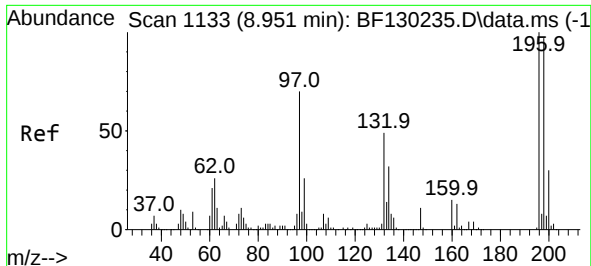


#42
2,4,6-Tribromophenol
Concen: 56.288 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37



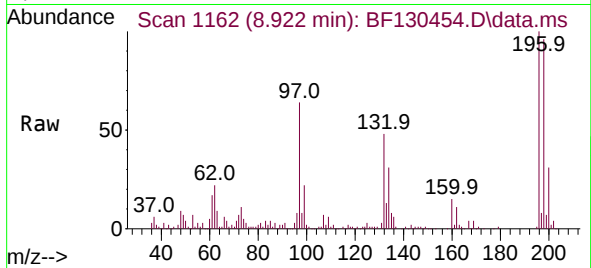
Tgt Ion:330 Resp: 90566
Ion Ratio Lower Upper
330 100
332 103.7 83.4 125.2
141 35.3 34.0 51.0





#43
2,4,6-Trichlorophenol
Concen: 18.431 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

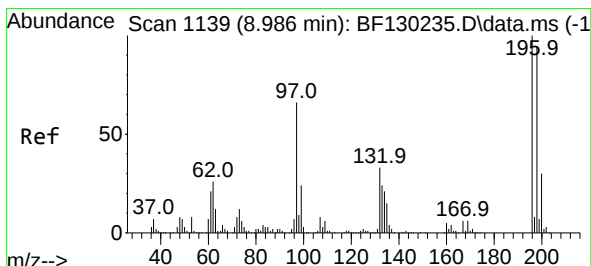
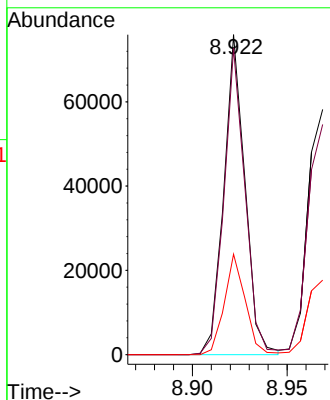
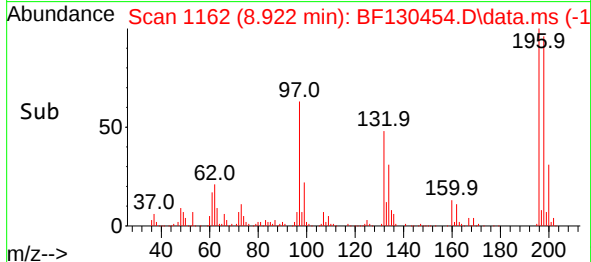
Instrument :
BNA_F
ClientSampleId :
OR-02-092722MS



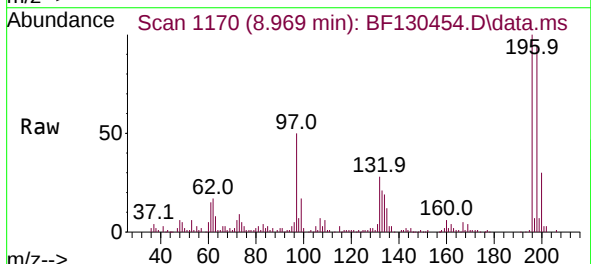
Tgt Ion:196 Resp: 5894
Ion Ratio Lower Upper
196 100
198 95.7 72.4 108.6
200 31.4 23.8 35.6

Manual Integrations
APPROVED

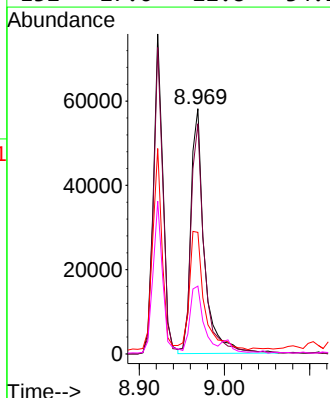
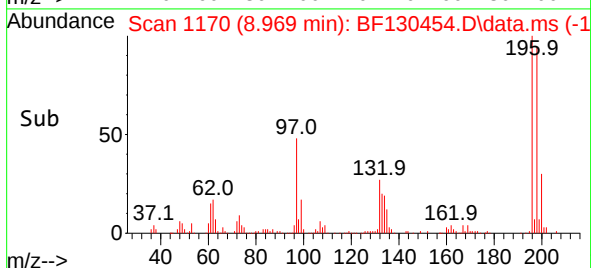
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

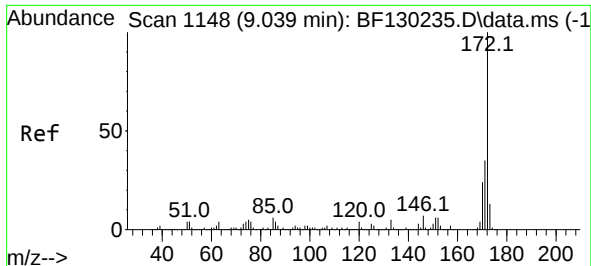


#44
2,4,5-Trichlorophenol
Concen: 18.383 ng
RT: 8.969 min Scan# 1170
Delta R.T. 0.006 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37



Tgt Ion:196 Resp: 63443
Ion Ratio Lower Upper
196 100
198 93.9 74.8 112.2
97 49.6 43.7 65.5
132 27.6 22.8 34.2





#45

2-Fluorobiphenyl

Concen: 36.948 ng

RT: 9.004 min Scan# 1119

Delta R.T. -0.006 min

Lab File: BF130454.D

Acq: 28 Sep 2022 18:37

Instrument :

BNA_F

ClientSampleId :

OR-02-092722MS

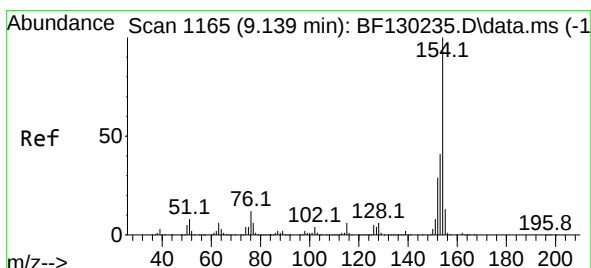
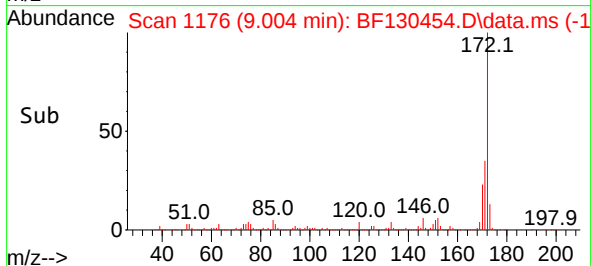
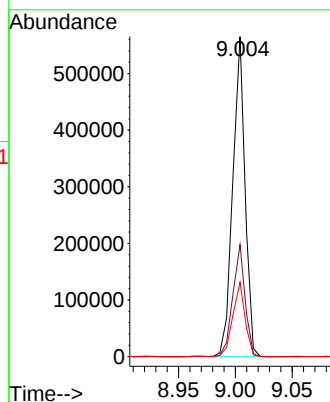
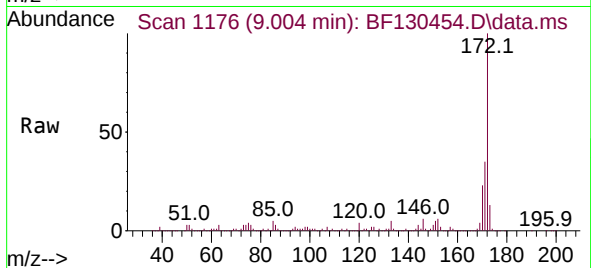
Tgt Ion:172 Resp: 426052

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.3	42.5
170	23.3	18.7	28.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#46

1,1'-Biphenyl

Concen: 24.065 ng

RT: 9.104 min Scan# 1193

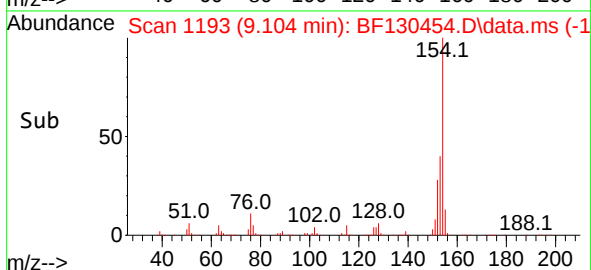
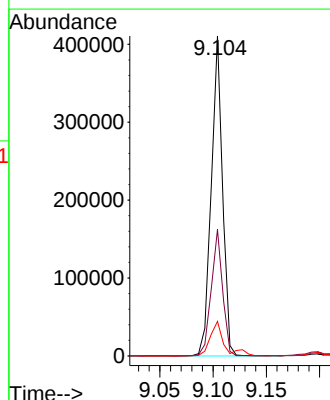
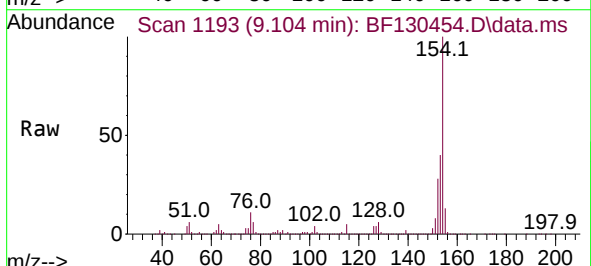
Delta R.T. 0.000 min

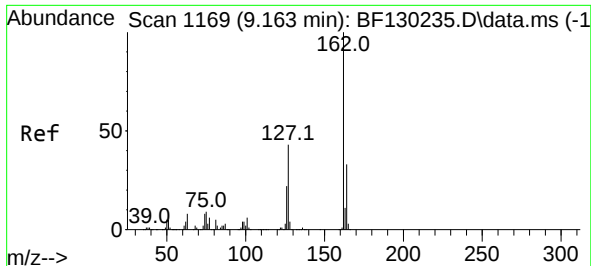
Lab File: BF130454.D

Acq: 28 Sep 2022 18:37

Tgt Ion:154 Resp: 301788

Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.0	60.0
76	10.8	0.0	33.3





#47

2-Chloronaphthalene

Concen: 19.637 ng

RT: 9.128 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF130454.D

Acq: 28 Sep 2022 18:37

Instrument :

BNA_F

ClientSampleId :

OR-02-092722MS

Tgt Ion: 162 Resp: 199212

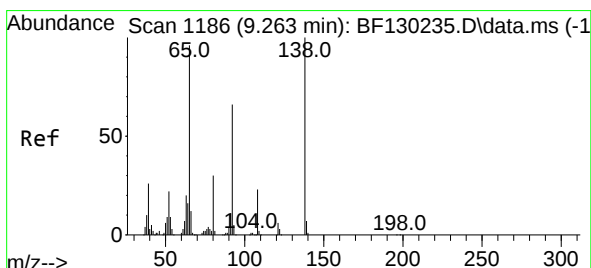
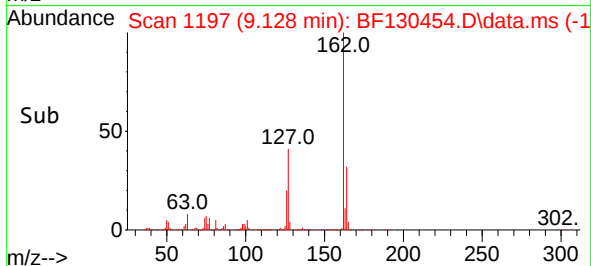
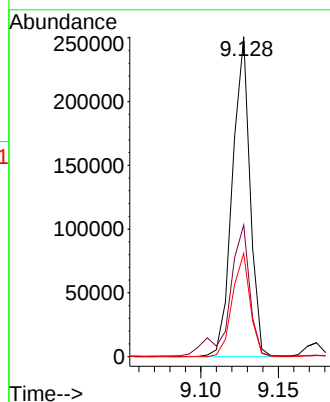
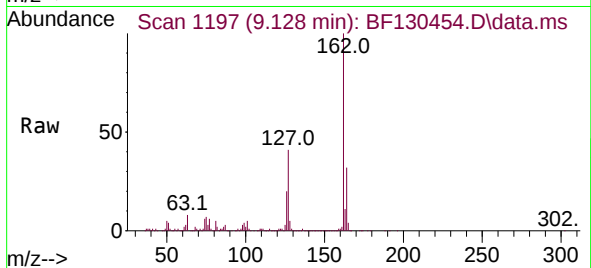
Ion	Ratio	Lower	Upper
162	100		
127	41.1	35.9	53.9
164	32.3	26.2	39.2

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 09/29/2022

Supervised By : Jagrut Upadhyay 09/29/2022



#48

2-Nitroaniline

Concen: 17.261 ng

RT: 9.228 min Scan# 1214

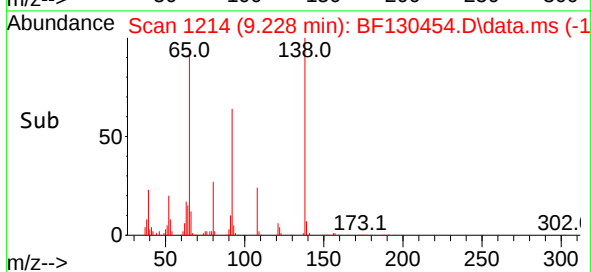
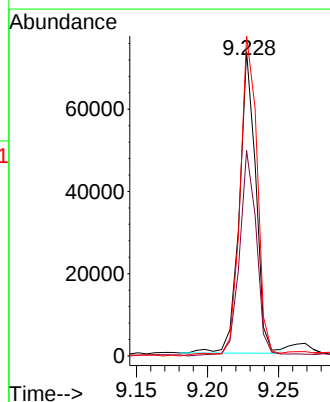
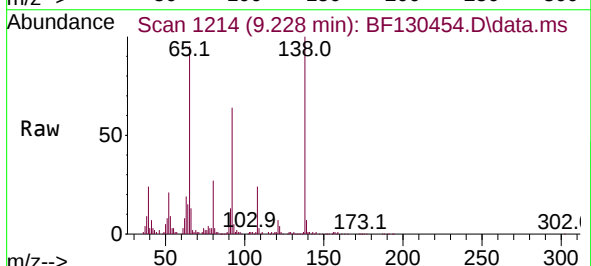
Delta R.T. -0.006 min

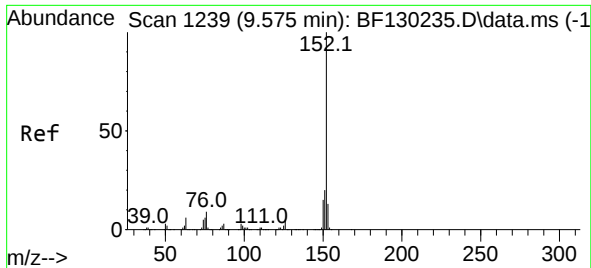
Lab File: BF130454.D

Acq: 28 Sep 2022 18:37

Tgt Ion: 65 Resp: 58403

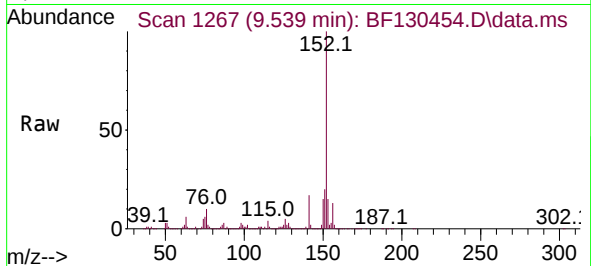
Ion	Ratio	Lower	Upper
65	100		
92	67.5	52.2	78.4
138	105.2	77.0	115.4





#49
Acenaphthylene
Concen: 32.194 ng
RT: 9.539 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

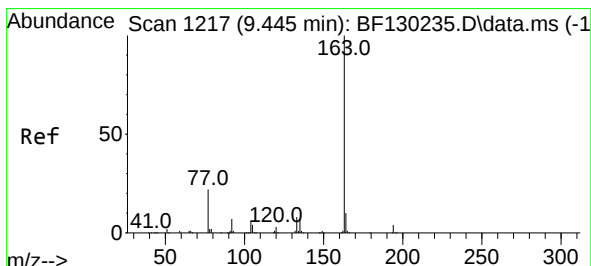
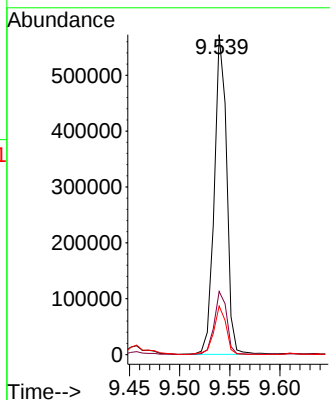
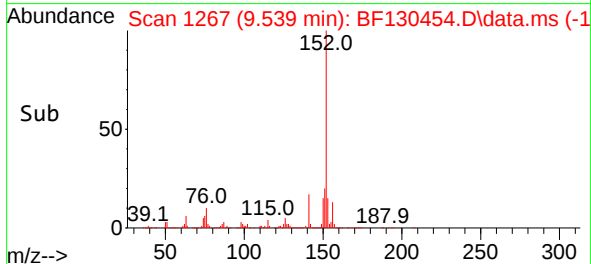
Instrument :
BNA_F
ClientSampleId :
OR-02-092722MS



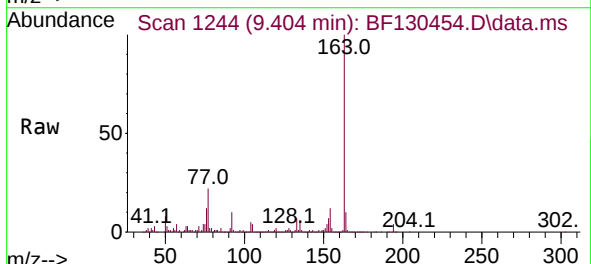
Tgt Ion:152 Resp: 489681
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 15.2 10.6 15.8

Manual Integrations
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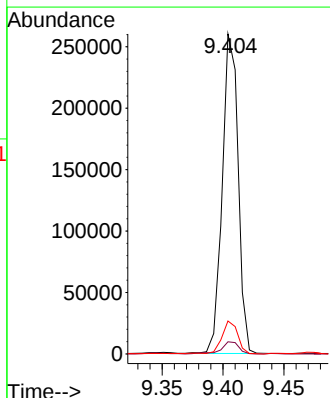
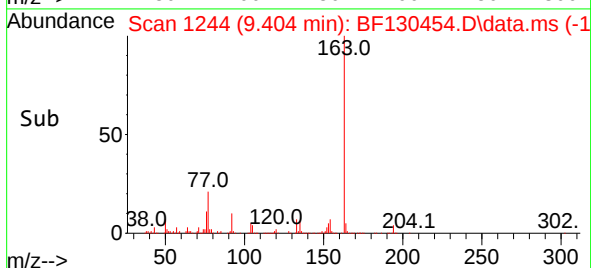
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

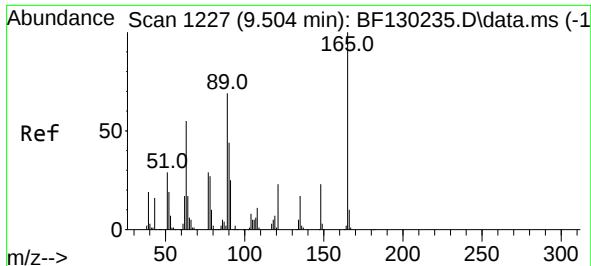


#50
Dimethylphthalate
Concen: 20.284 ng
RT: 9.404 min Scan# 1244
Delta R.T. -0.012 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37



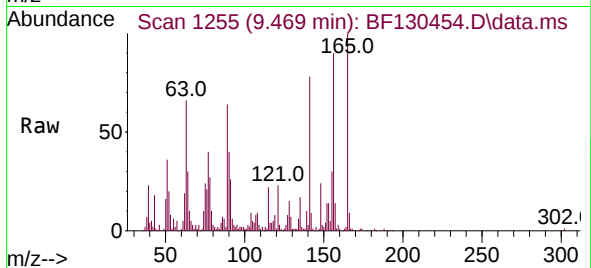
Tgt Ion:163 Resp: 235270
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 19.731 ng
RT: 9.469 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

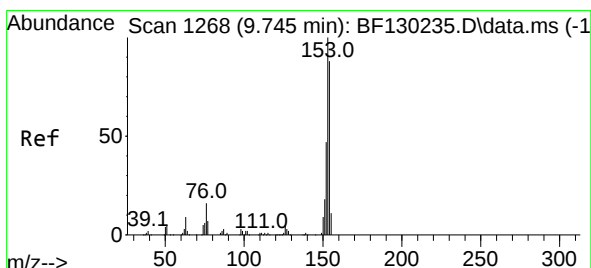
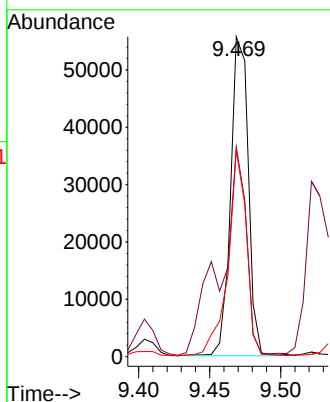
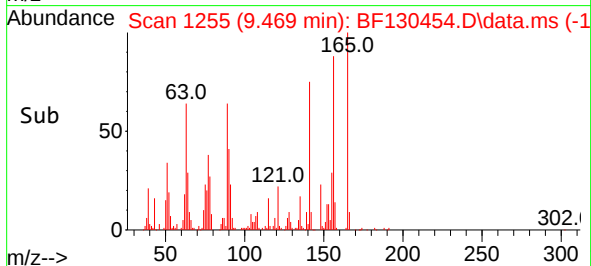
Instrument :
BNA_F
ClientSampleId :
OR-02-092722MS



Tgt Ion:165 Resp: 47864
Ion Ratio Lower Upper
165 100
63 65.6 58.8 88.2
89 64.5 54.5 81.7

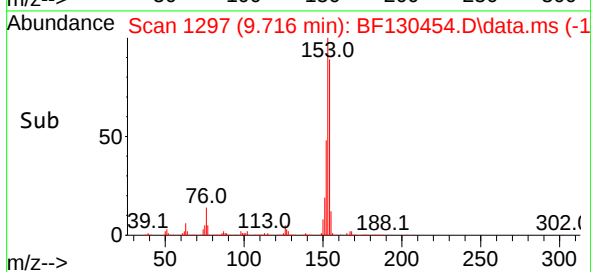
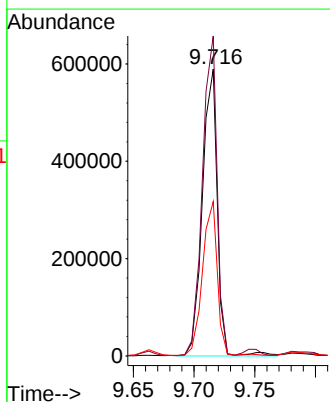
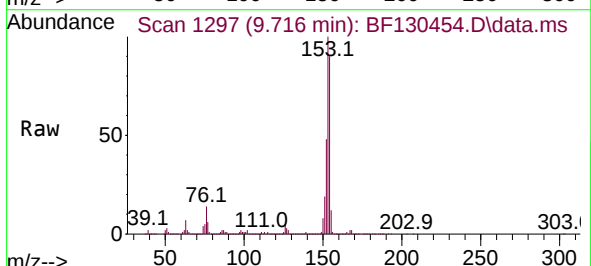
Manual Integrations
APPROVED

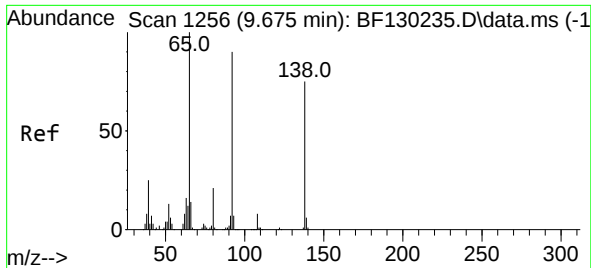
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#52
Acenaphthene
Concen: 50.340 ng m
RT: 9.716 min Scan# 1297
Delta R.T. 0.000 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

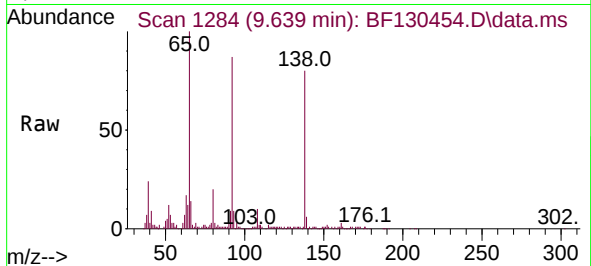
Tgt Ion:154 Resp: 503085
Ion Ratio Lower Upper
154 100
153 111.6 90.6 136.0
152 53.8 43.8 65.6





#53
3-Nitroaniline
Concen: 17.136 ng
RT: 9.639 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

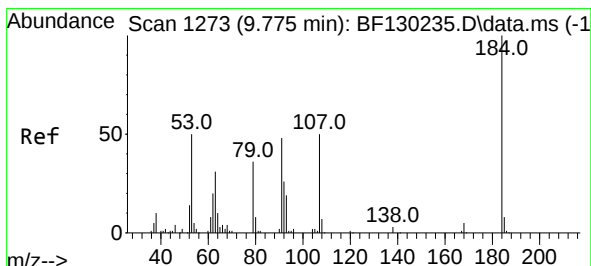
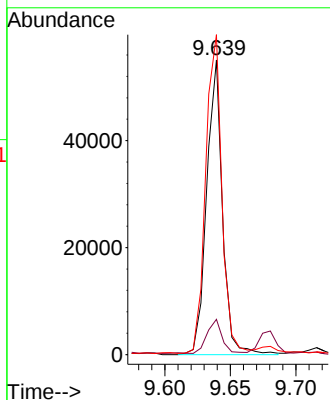
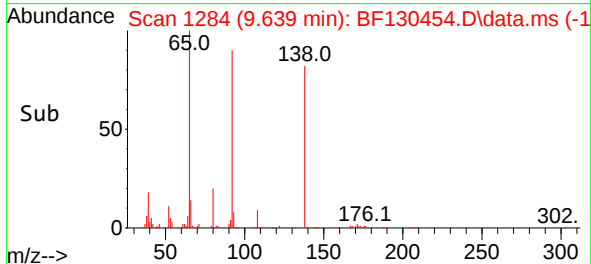
Instrument :
BNA_F
ClientSampleId :
OR-02-092722MS



Tgt Ion:138 Resp: 46320
Ion Ratio Lower Upper
138 100
108 12.0 9.2 13.8
92 108.6 99.2 148.8

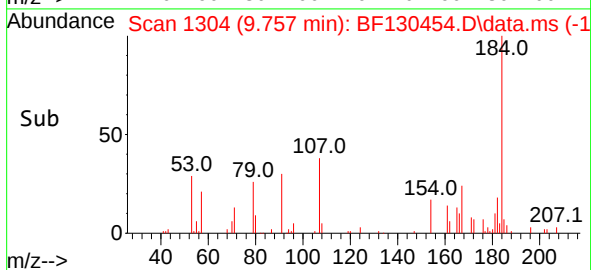
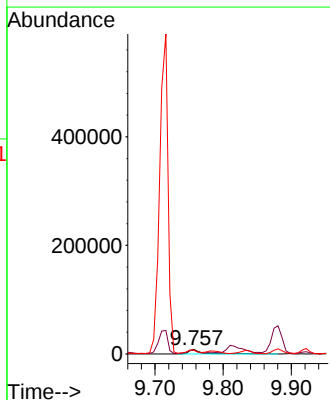
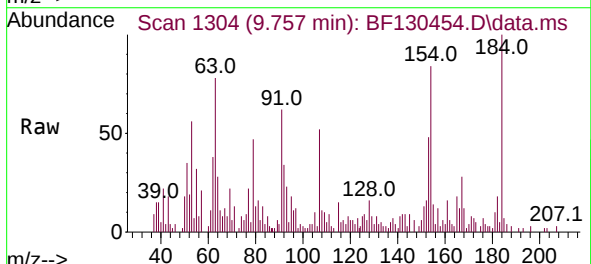
Manual Integrations
APPROVED

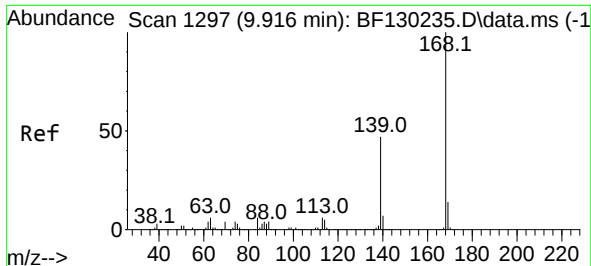
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#54
2,4-Dinitrophenol
Concen: 13.406 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.006 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

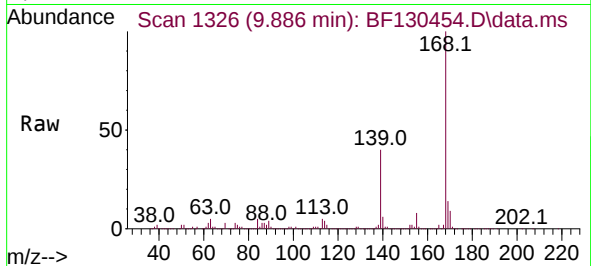
Tgt Ion:184 Resp: 10209
Ion Ratio Lower Upper
184 100
63 77.6 70.0 105.0
154 84.0 63.0 94.6





#55
Dibenzofuran
Concen: 36.921 ng
RT: 9.886 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

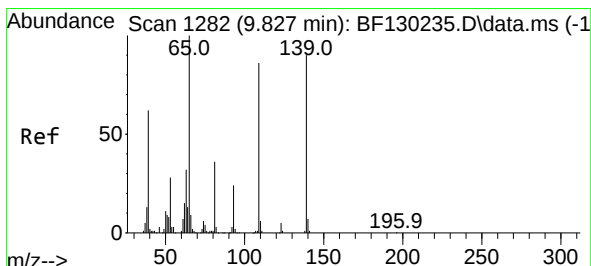
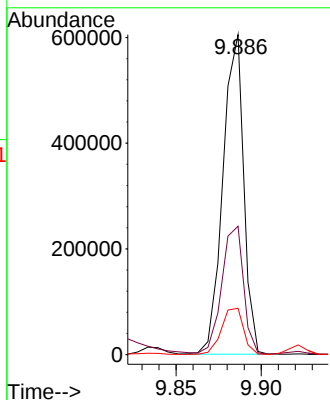
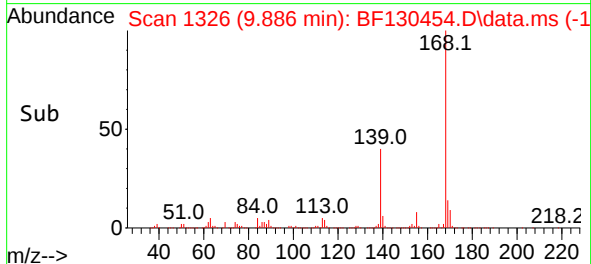
Instrument :
BNA_F
ClientSampleId :
OR-02-092722MS



Tgt Ion:168 Resp: 513219
Ion Ratio Lower Upper
168 100
139 40.1 35.0 52.4
169 14.5 10.9 16.3

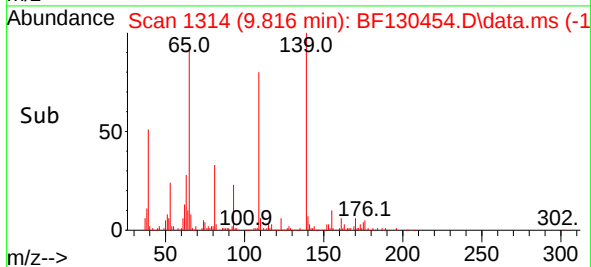
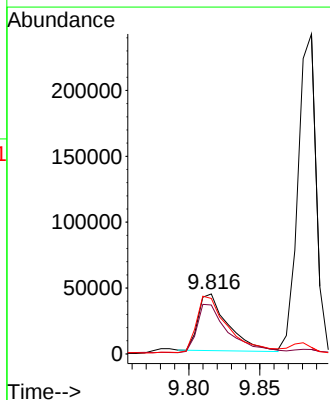
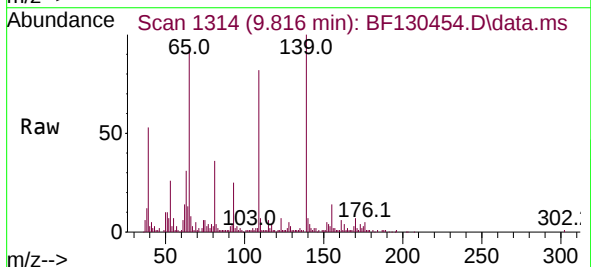
Manual Integrations
APPROVED

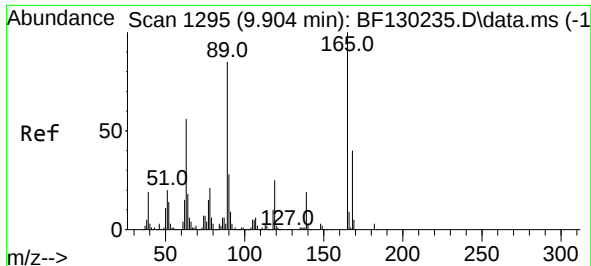
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#56
4-Nitrophenol
Concen: 31.707 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.006 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

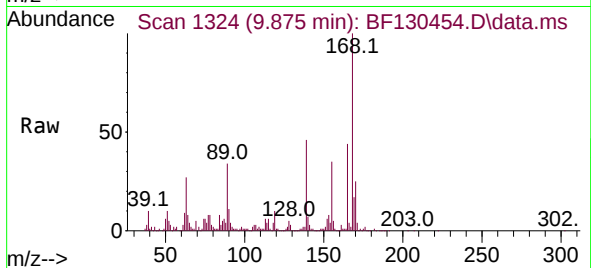
Tgt Ion:139 Resp: 62424
Ion Ratio Lower Upper
139 100
109 81.7 72.2 112.2
65 92.7 97.7 137.7#





#57
2,4-Dinitrotoluene
Concen: 21.360 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

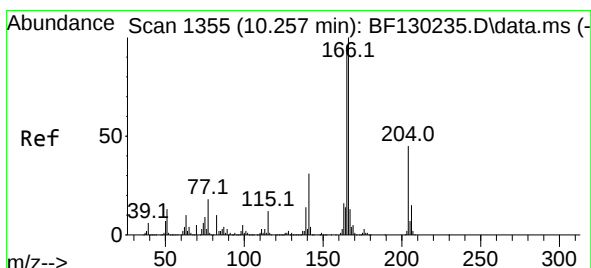
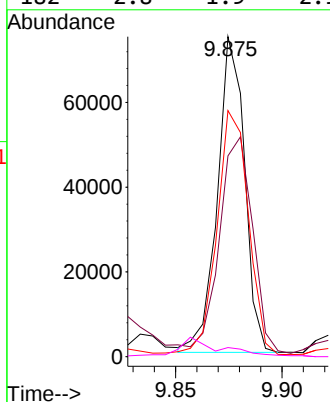
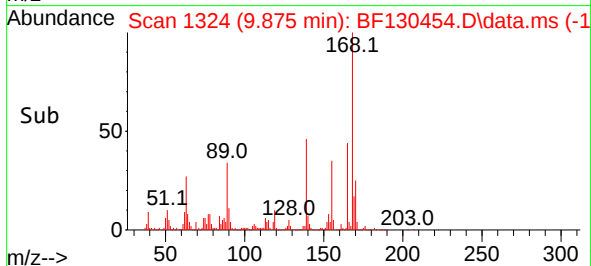
Instrument :
BNA_F
ClientSampleId :
OR-02-092722MS



Tgt Ion:165 Resp: 6622
Ion Ratio Lower Upper
165 100
63 62.7 44.7 67.1
89 76.9 69.0 103.4
182 2.8 1.9 2.9

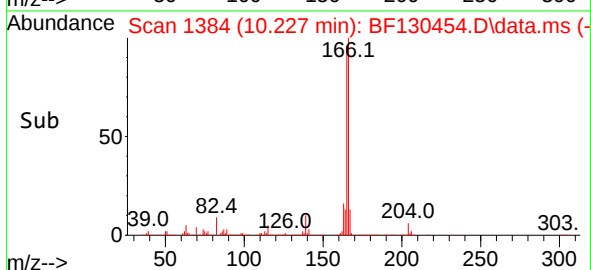
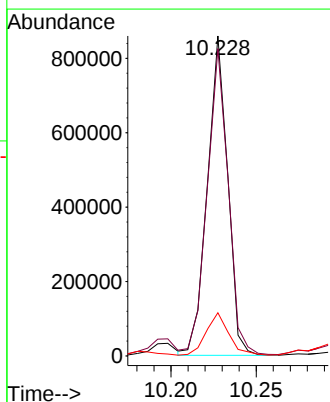
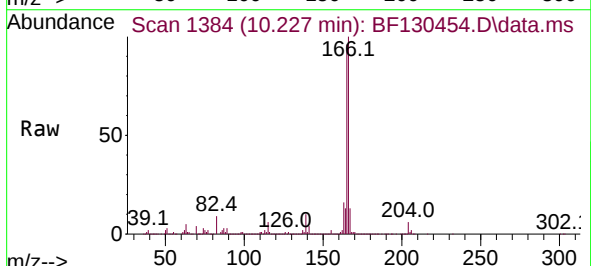
Manual Integrations
APPROVED

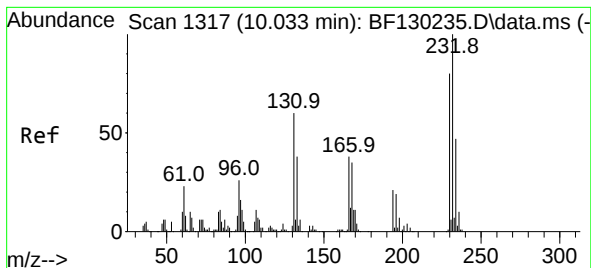
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#58
Fluorene
Concen: 62.874 ng
RT: 10.227 min Scan# 1384
Delta R.T. 0.000 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

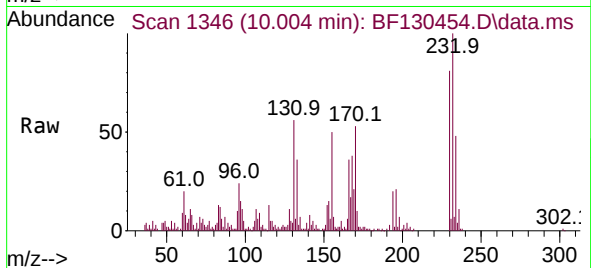
Tgt Ion:166 Resp: 714762
Ion Ratio Lower Upper
166 100
165 96.0 78.8 118.2
167 13.5 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 16.605 ng
RT: 10.004 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

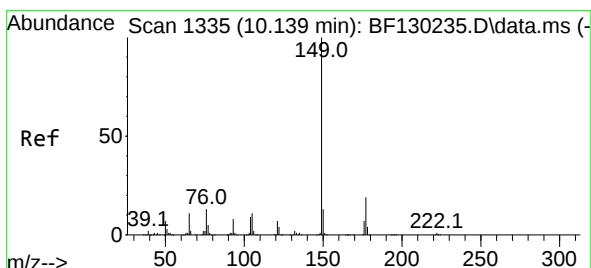
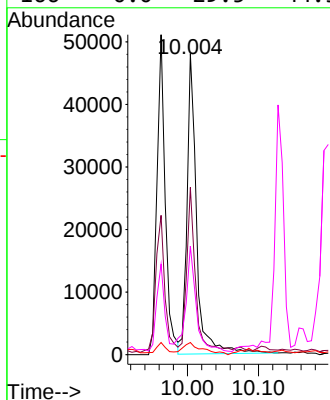
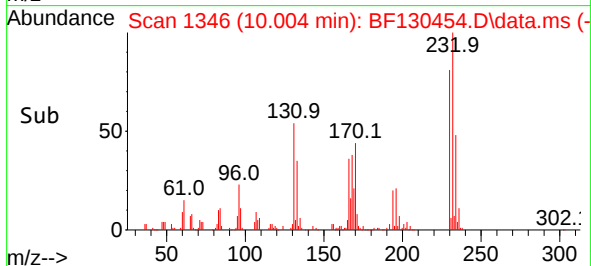
Instrument :
BNA_F
ClientSampleId :
OR-02-092722MS



Tgt Ion:232 Resp: 4485
Ion Ratio Lower Upper
232 100
131 48.1 46.4 69.6
130 8.2 2.3 3.5
166 0.0 29.5 44.3#

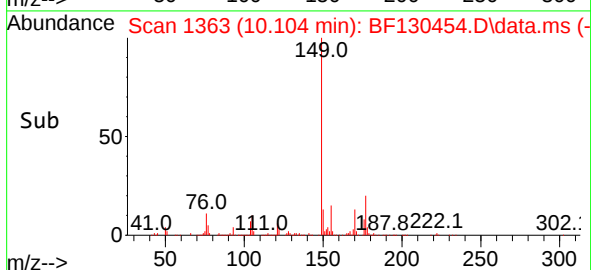
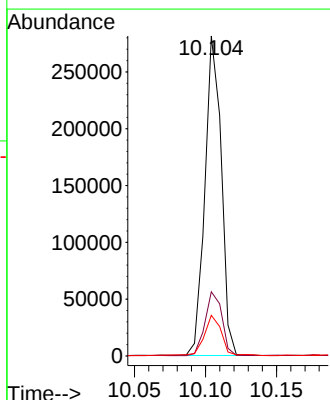
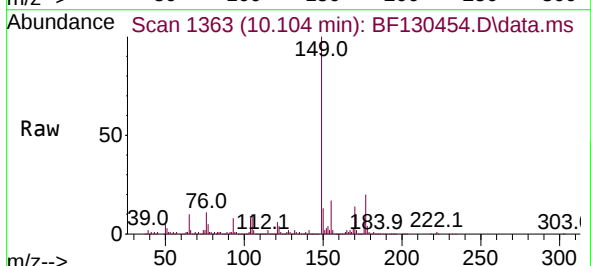
Manual Integrations
APPROVED

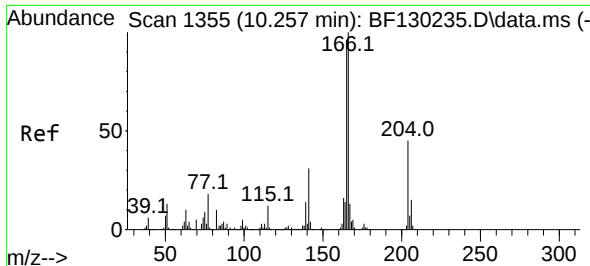
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#60
Diethylphthalate
Concen: 19.333 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

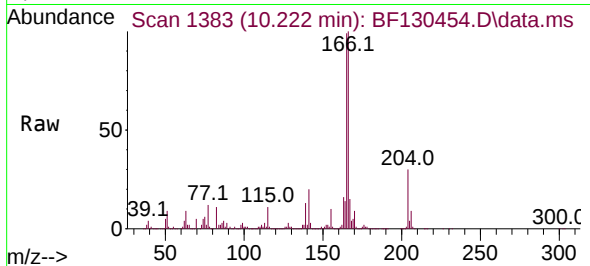
Tgt Ion:149 Resp: 224877
Ion Ratio Lower Upper
149 100
177 20.0 16.1 24.1
150 12.7 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 19.814 ng
RT: 10.222 min Scan# 1383
Delta R.T. 0.000 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

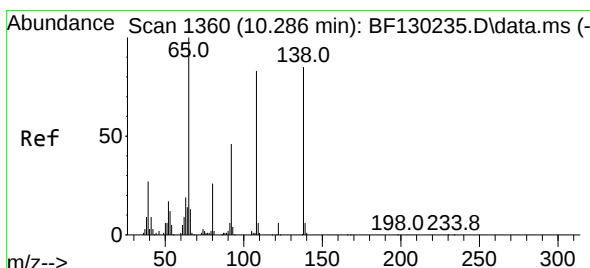
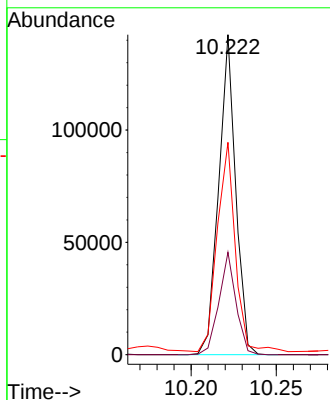
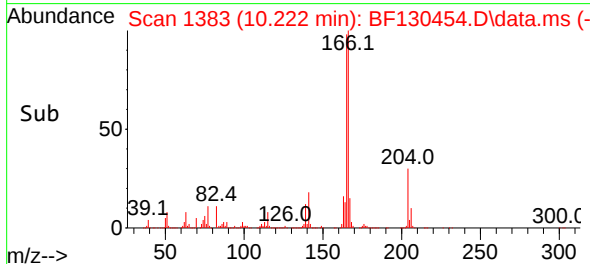
Instrument :
BNA_F
ClientSampleId :
OR-02-092722MS



Tgt Ion:204 Resp: 98812
Ion Ratio Lower Upper
204 100
206 32.0 26.6 39.8
141 66.3 57.1 85.7

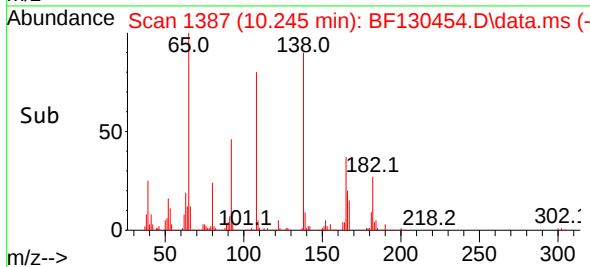
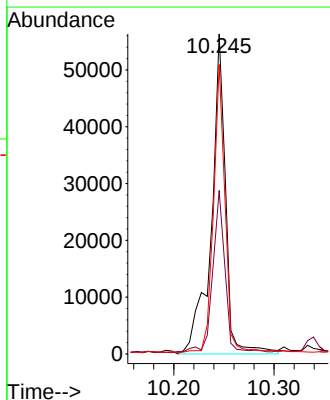
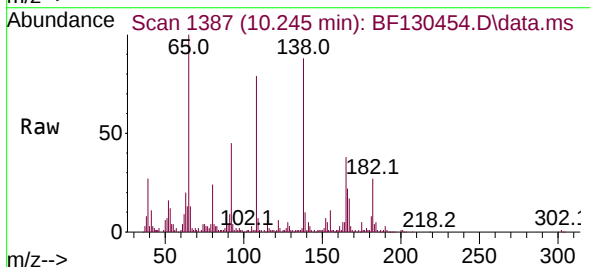
Manual Integrations
APPROVED

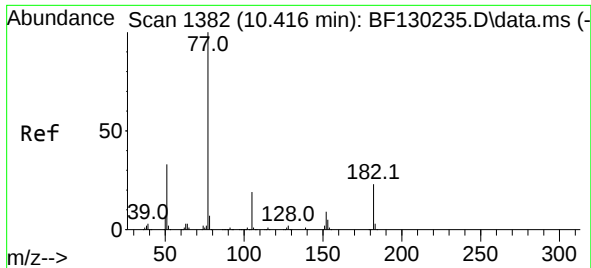
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#62
4-Nitroaniline
Concen: 20.659 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

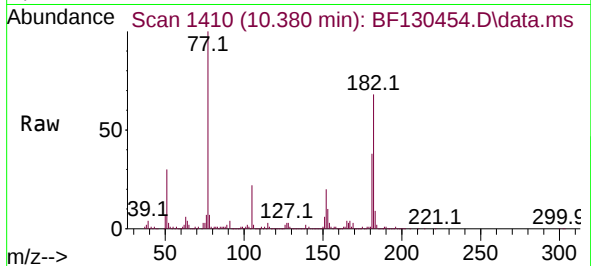
Tgt Ion:138 Resp: 56096
Ion Ratio Lower Upper
138 100
92 51.1 36.7 76.7
108 90.4 78.2 118.2





#63
Azobenzene
Concen: 16.441 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

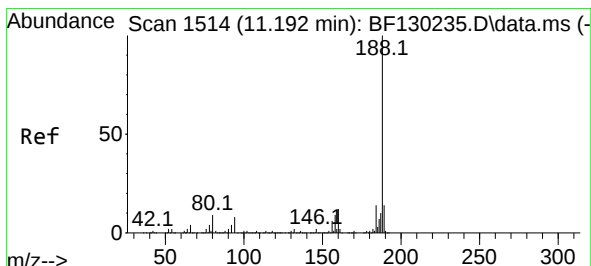
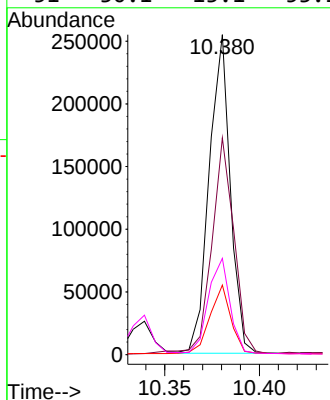
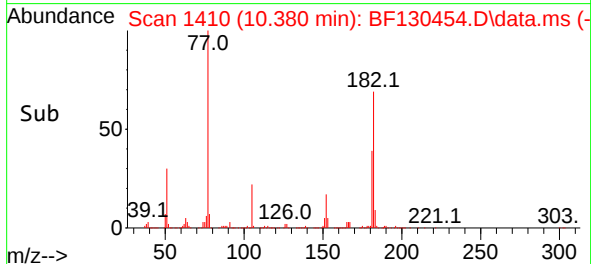
Instrument :
BNA_F
ClientSampleId :
OR-02-092722MS



Tgt Ion: 77 Resp: 196920
Ion Ratio Lower Upper
77 100
182 67.7 2.1 42.1
105 21.7 0.0 39.4
51 30.1 13.1 53.1

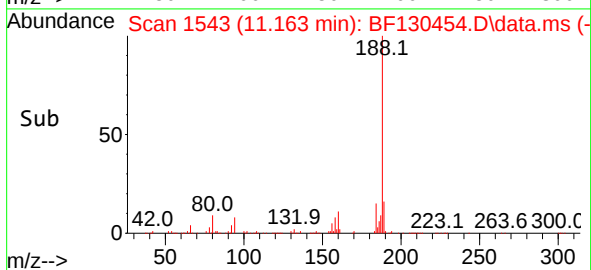
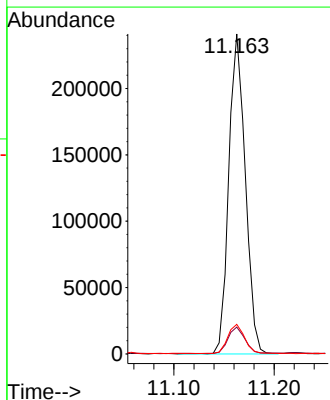
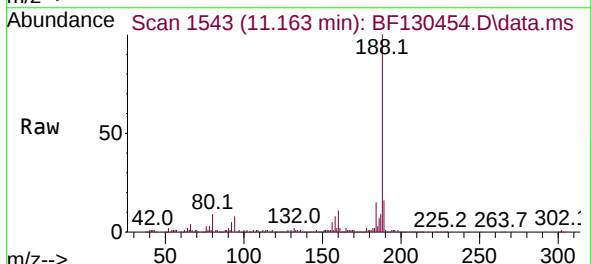
Manual Integrations
APPROVED

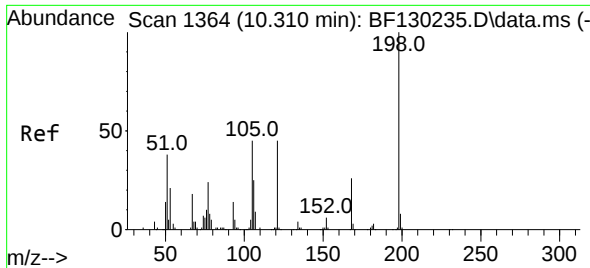
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.163 min Scan# 1543
Delta R.T. 0.006 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

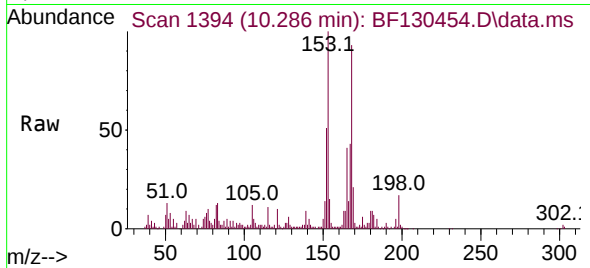
Tgt Ion:188 Resp: 275698
Ion Ratio Lower Upper
188 100
94 8.4 7.4 11.2
80 9.2 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 5.515 ng
RT: 10.286 min Scan# 1364
Delta R.T. 0.006 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

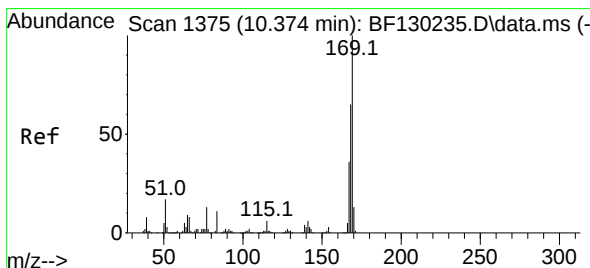
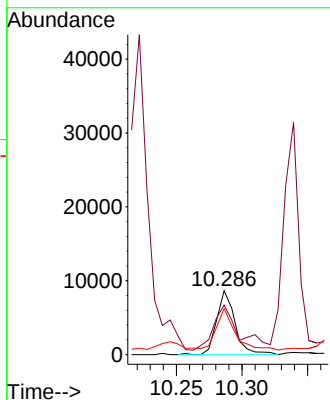
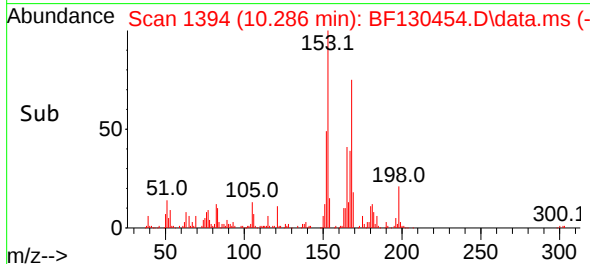
Instrument :
BNA_F
ClientSampleId :
OR-02-092722MS



Tgt Ion:198 Resp: 8464
Ion Ratio Lower Upper
198 100
51 77.3 36.9 76.9
105 71.9 33.0 73.0

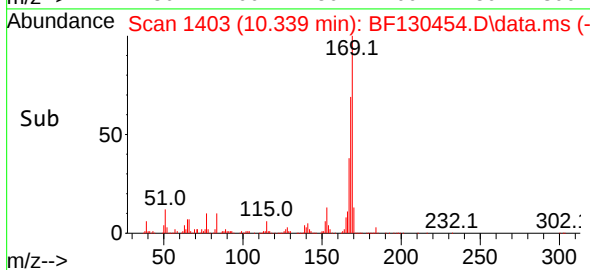
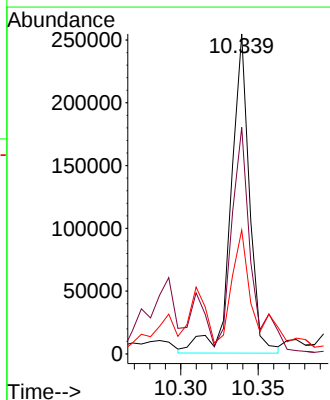
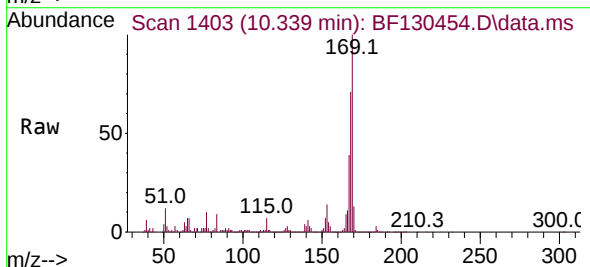
Manual Integrations
APPROVED

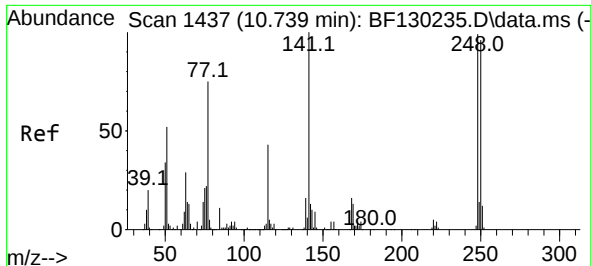
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#66
n-Nitrosodiphenylamine
Concen: 22.846 ng
RT: 10.339 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

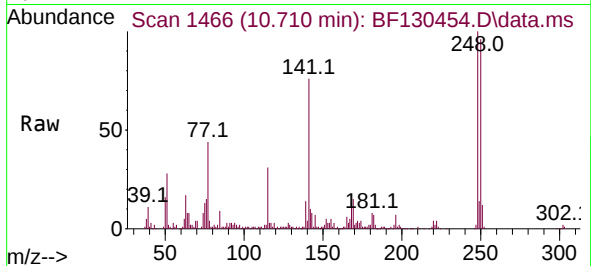
Tgt Ion:169 Resp: 210479
Ion Ratio Lower Upper
169 100
168 70.8 53.2 79.8
167 38.7 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 20.476 ng
RT: 10.710 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

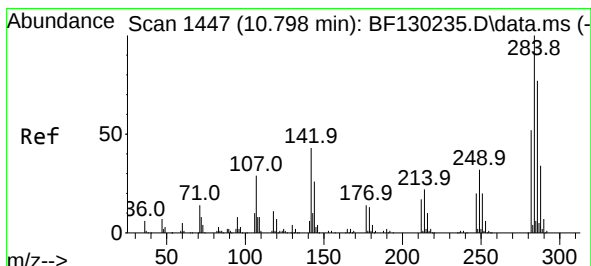
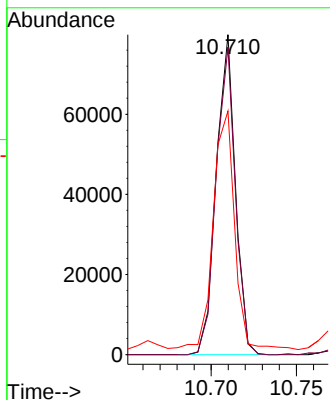
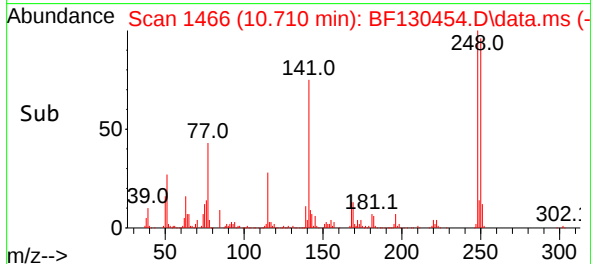
Instrument :
BNA_F
ClientSampleId :
OR-02-092722MS



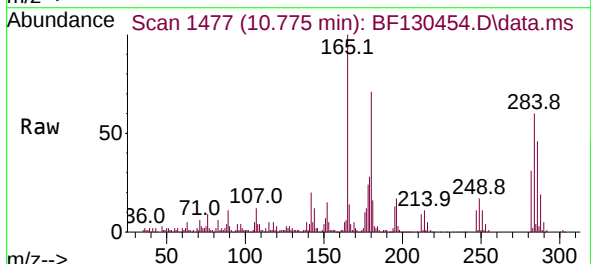
Tgt Ion:248 Resp: 62276
Ion Ratio Lower Upper
248 100
250 96.1 80.0 120.0
141 76.1 68.5 102.7

Manual Integrations
APPROVED

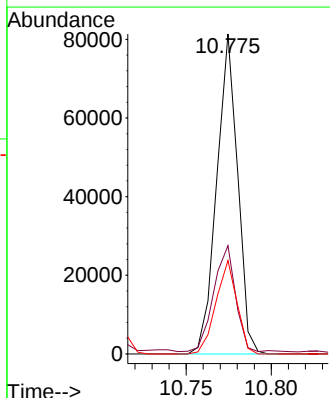
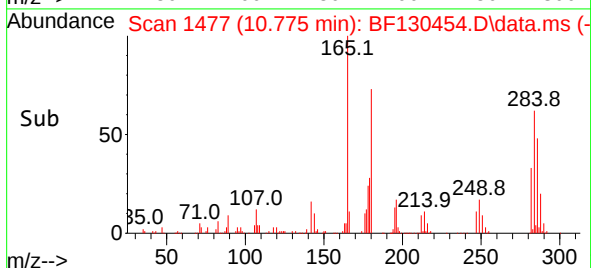
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

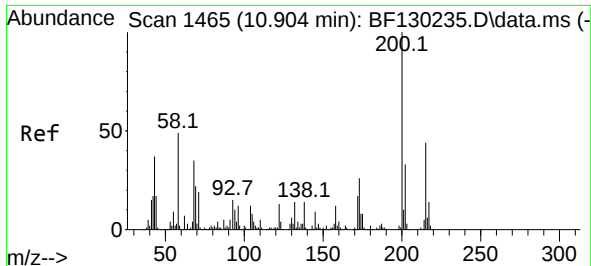


#68
Hexachlorobenzene
Concen: 20.107 ng
RT: 10.775 min Scan# 1477
Delta R.T. 0.006 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37



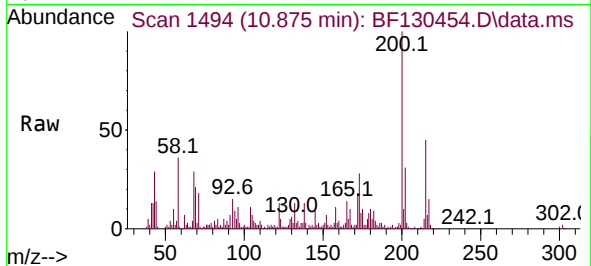
Tgt Ion:284 Resp: 69321
Ion Ratio Lower Upper
284 100
142 33.8 27.2 40.8
249 29.2 23.8 35.8





#69
 Atrazine
 Concen: 22.023 ng
 RT: 10.875 min Scan# 1465
 Delta R.T. 0.000 min
 Lab File: BF130454.D
 Acq: 28 Sep 2022 18:37

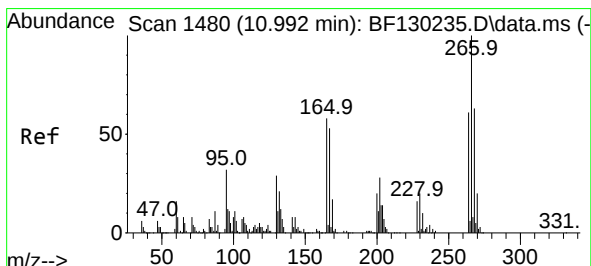
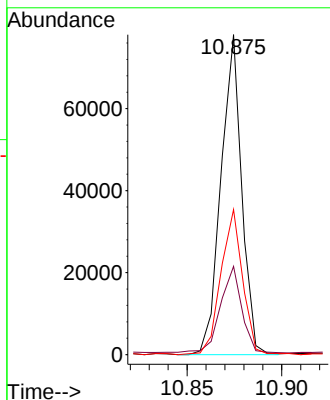
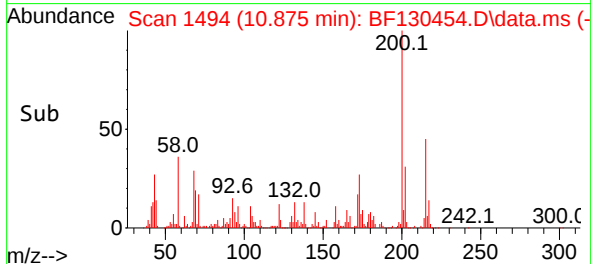
Instrument :
 BNA_F
 ClientSampleId :
 OR-02-092722MS



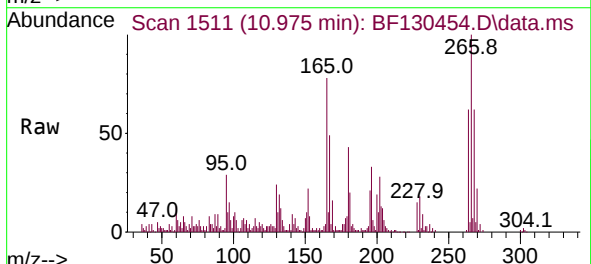
Tgt Ion:200 Resp: 59294
 Ion Ratio Lower Upper
 200 100
 173 27.6 6.2 46.2
 215 45.3 22.5 62.5

Manual Integrations
 APPROVED

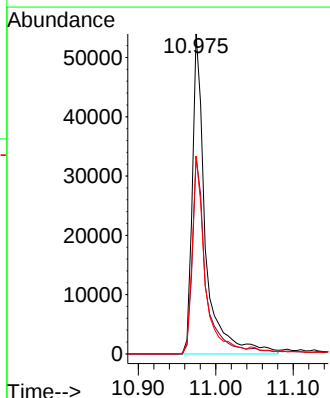
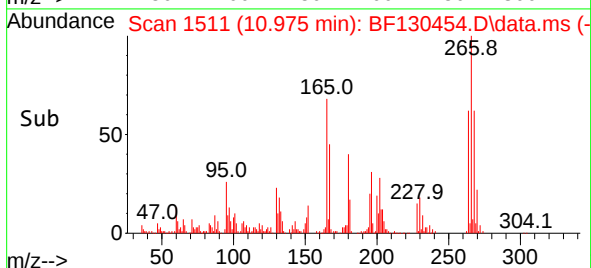
Reviewed By :Christian Giraldo 09/29/2022
 Supervised By :Jagrut Upadhyay 09/29/2022

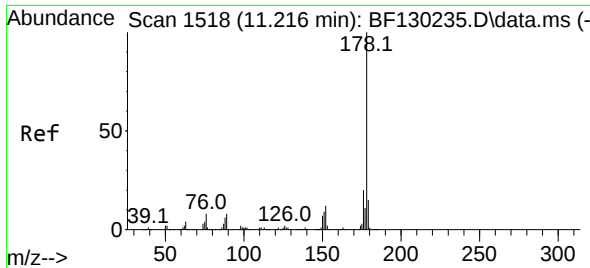


#70
 Pentachlorophenol
 Concen: 34.465 ng
 RT: 10.975 min Scan# 1511
 Delta R.T. 0.006 min
 Lab File: BF130454.D
 Acq: 28 Sep 2022 18:37



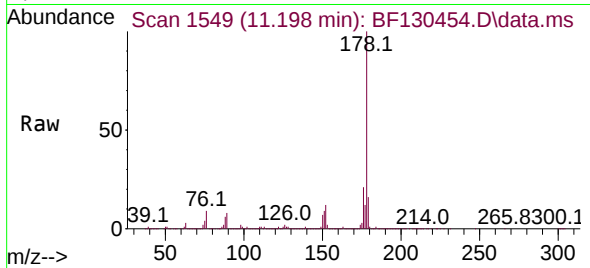
Tgt Ion:266 Resp: 63771
 Ion Ratio Lower Upper
 266 100
 268 61.6 50.5 75.7
 264 61.8 50.5 75.7





#71
Phenanthrene
Concen: 212.424 ng
RT: 11.198 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

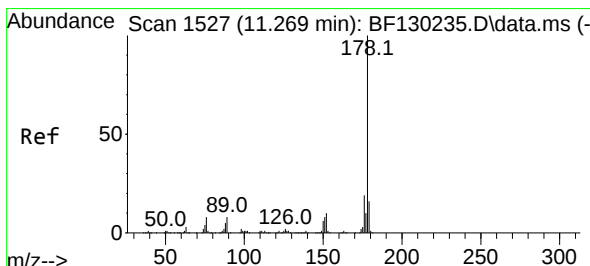
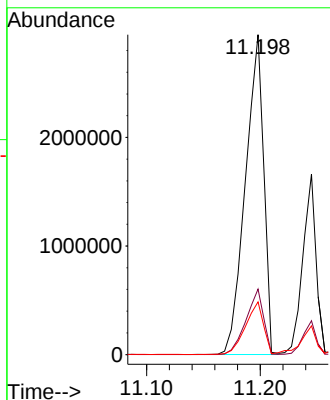
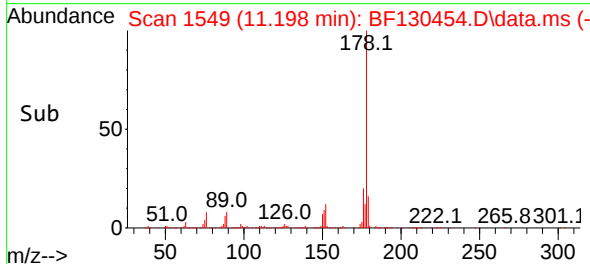
Instrument :
BNA_F
ClientSampleId :
OR-02-092722MS



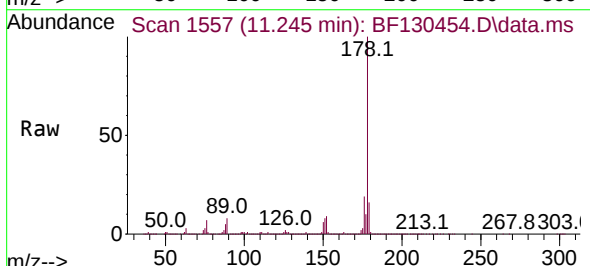
Tgt Ion:178 Resp: 3288069
Ion Ratio Lower Upper
178 100
176 20.5 15.4 23.0
179 16.5 12.4 18.6

Manual Integrations
APPROVED

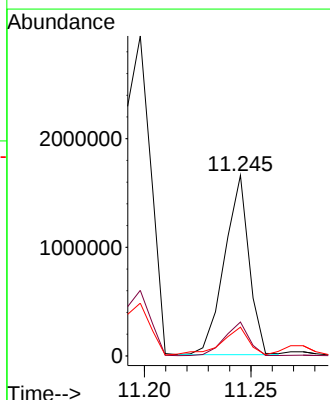
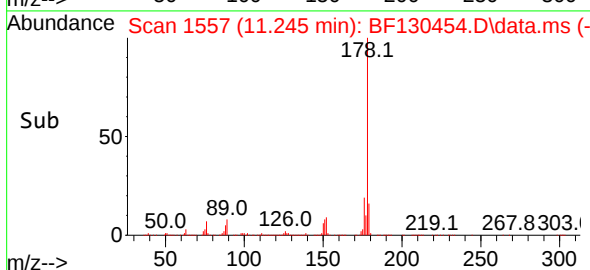
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

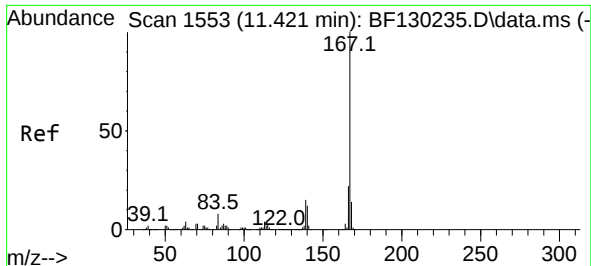


#72
Anthracene
Concen: 88.695 ng
RT: 11.245 min Scan# 1557
Delta R.T. 0.012 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37



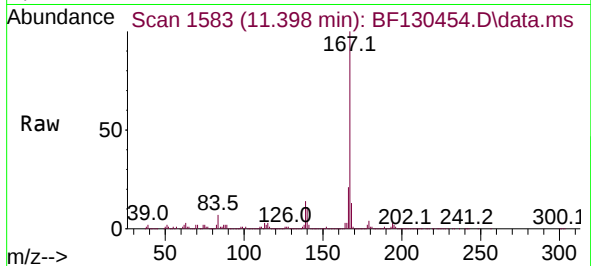
Tgt Ion:178 Resp: 1324876
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 15.9 12.7 19.1





#73
 Carbazole
 Concen: 32.912 ng
 RT: 11.398 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF130454.D
 Acq: 28 Sep 2022 18:37

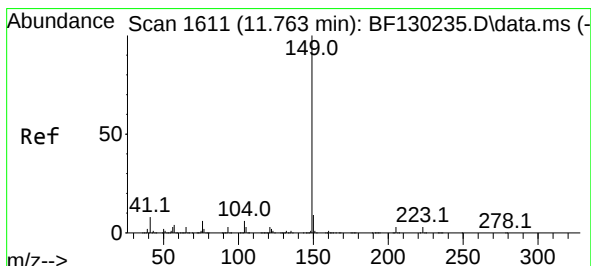
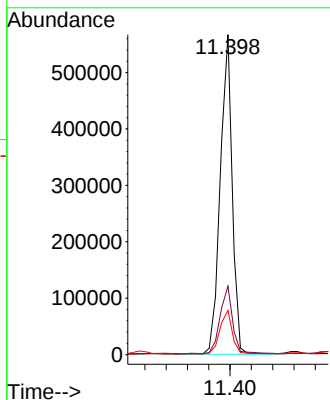
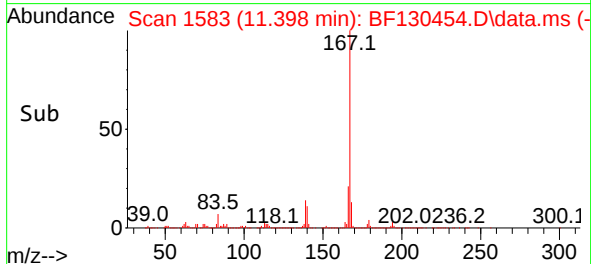
Instrument :
 BNA_F
 ClientSampleId :
 OR-02-092722MS



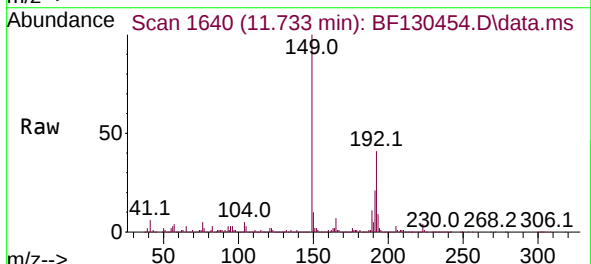
Tgt Ion:167 Resp: 443672
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.2
 139 13.8 11.6 17.4

Manual Integrations
 APPROVED

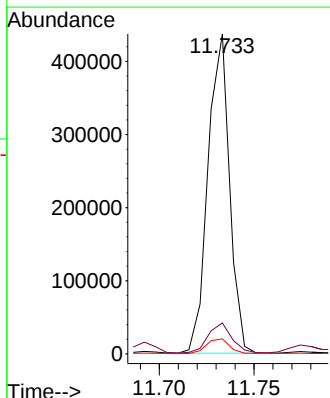
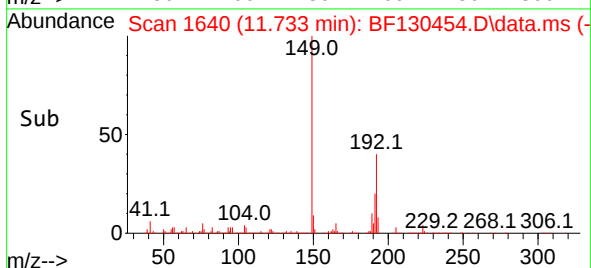
Reviewed By :Christian Giraldo 09/29/2022
 Supervised By :Jagrut Upadhyay 09/29/2022

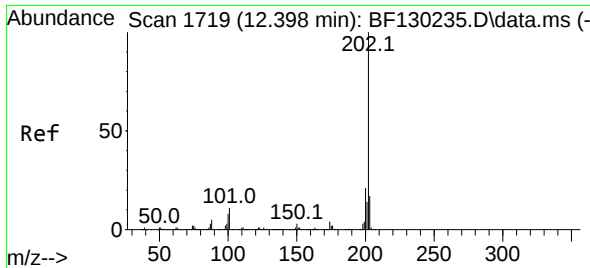


#74
 Di-n-butylphthalate
 Concen: 21.216 ng
 RT: 11.733 min Scan# 1640
 Delta R.T. 0.006 min
 Lab File: BF130454.D
 Acq: 28 Sep 2022 18:37



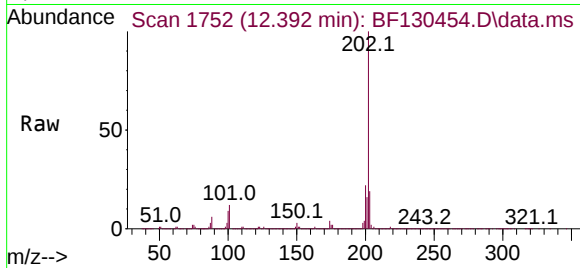
Tgt Ion:149 Resp: 344896
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.4 11.2
 104 4.7 4.8 7.2#





#75
Fluoranthene
Concen: 310.816 ng
RT: 12.392 min Scan# 1719
Delta R.T. 0.024 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

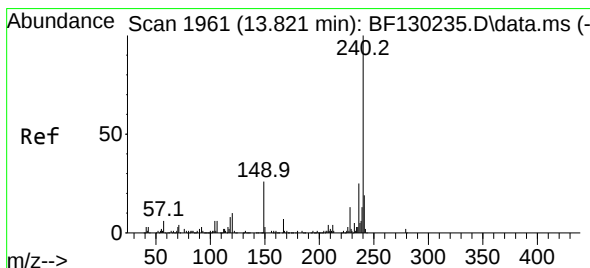
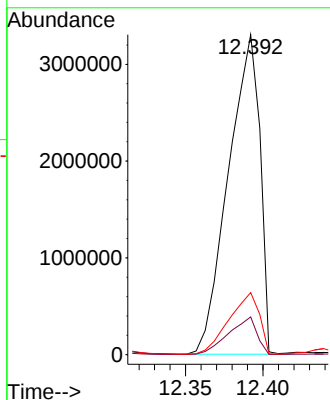
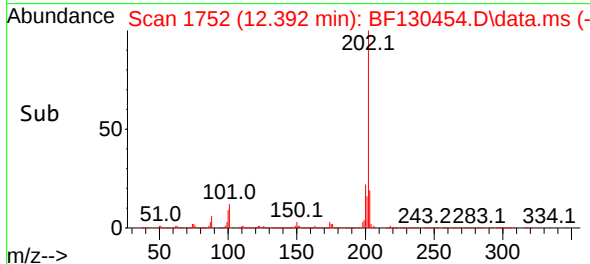
Instrument :
BNA_F
ClientSampleId :
OR-02-092722MS



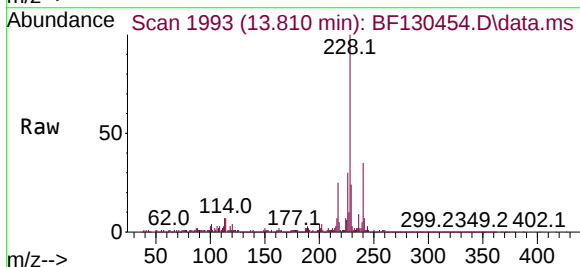
Tgt Ion:202 Resp: 4648926
Ion Ratio Lower Upper
202 100
101 11.8 0.0 31.8
203 19.4 0.0 37.8

Manual Integrations
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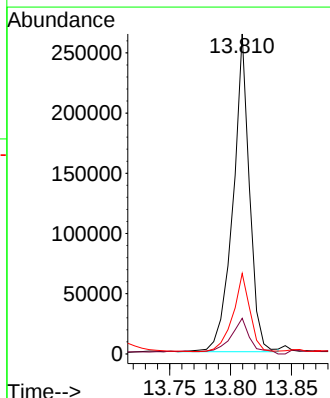
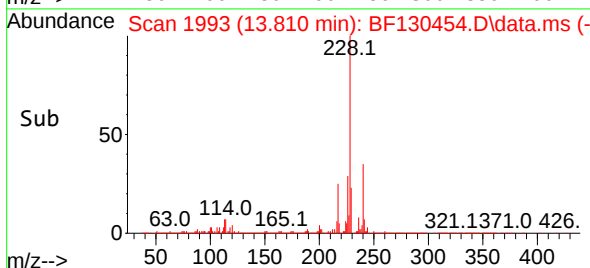
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

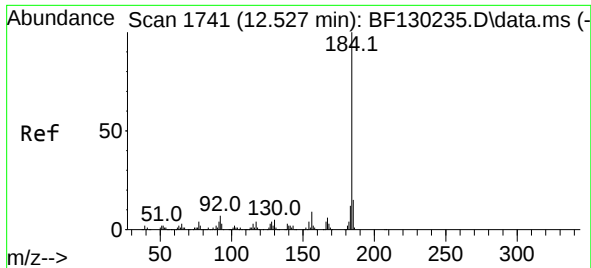


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.810 min Scan# 1993
Delta R.T. 0.018 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37



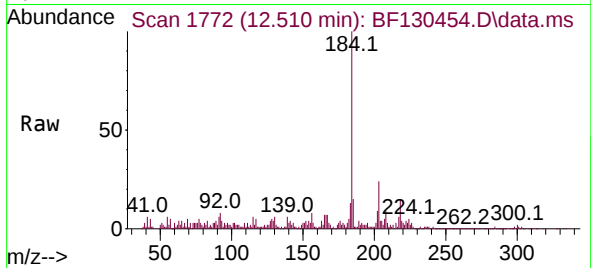
Tgt Ion:240 Resp: 247825
Ion Ratio Lower Upper
240 100
120 11.1 8.7 13.1
236 25.1 20.9 31.3





#77
Benzidine
Concen: 17.188 ng
RT: 12.510 min Scan# 1772
Delta R.T. 0.012 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

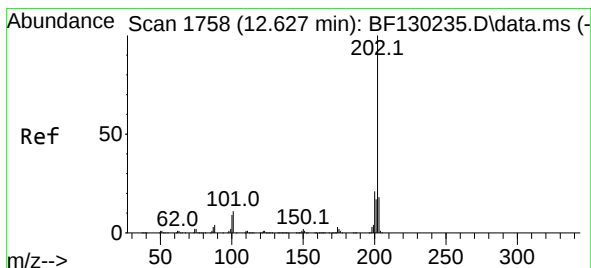
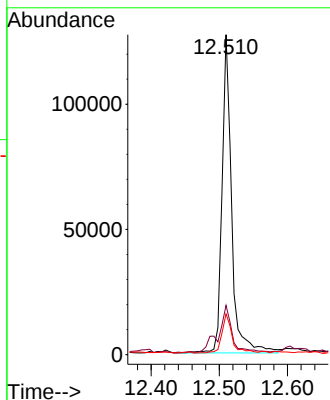
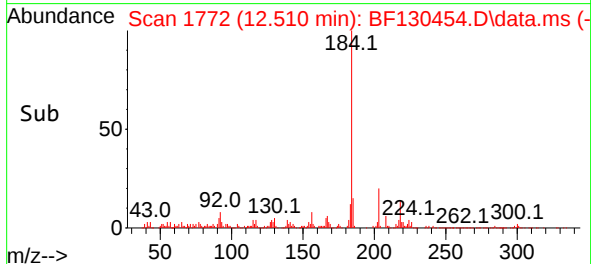
Instrument :
BNA_F
ClientSampleId :
OR-02-092722MS



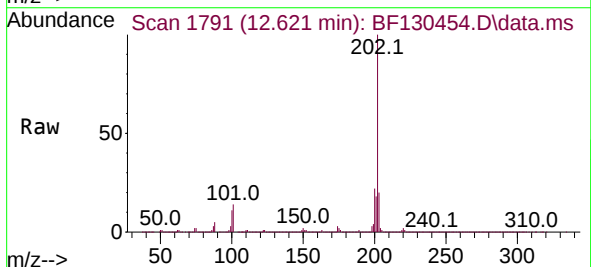
Tgt Ion:184 Resp: 123656
Ion Ratio Lower Upper
184 100
185 15.4 11.8 17.6
183 12.7 9.1 13.7

Manual Integrations
APPROVED

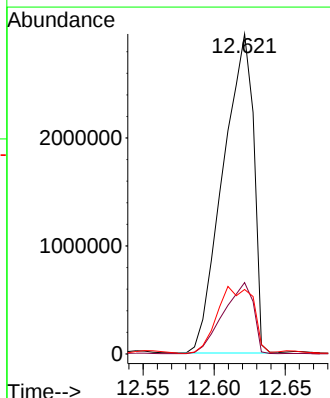
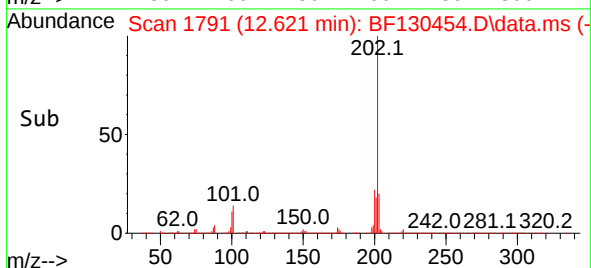
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

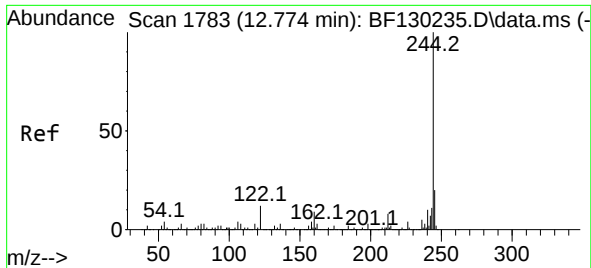


#78
Pyrene
Concen: 203.986 ng
RT: 12.621 min Scan# 1791
Delta R.T. 0.029 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37



Tgt Ion:202 Resp: 4422393
Ion Ratio Lower Upper
202 100
200 22.3 17.2 25.8
203 20.1 14.3 21.5





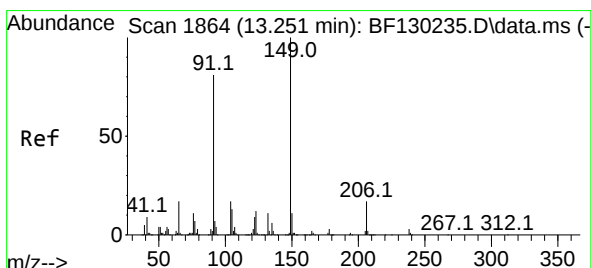
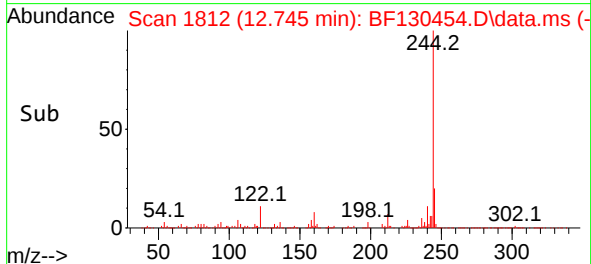
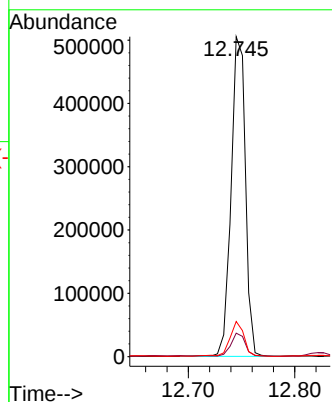
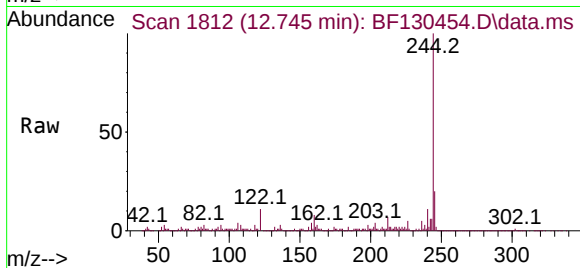
#79
 Terphenyl-d14
 Concen: 31.586 ng
 RT: 12.745 min Scan# 1812
 Delta R.T. 0.000 min
 Lab File: BF130454.D
 Acq: 28 Sep 2022 18:37

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-092722MS

Tgt Ion:244 Resp: 472559
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 11.0 8.5 12.7

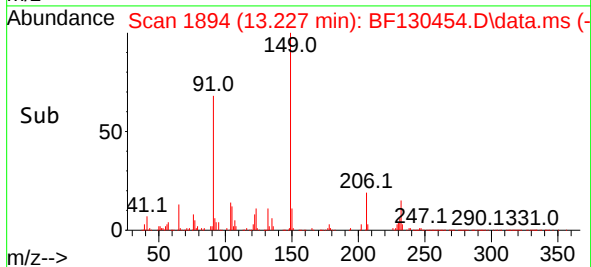
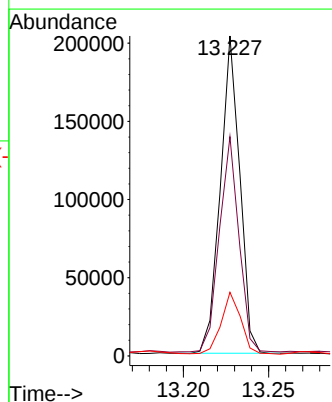
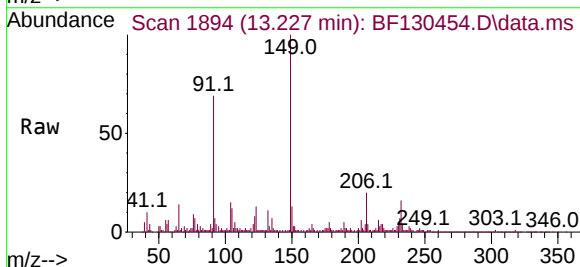
Manual Integrations
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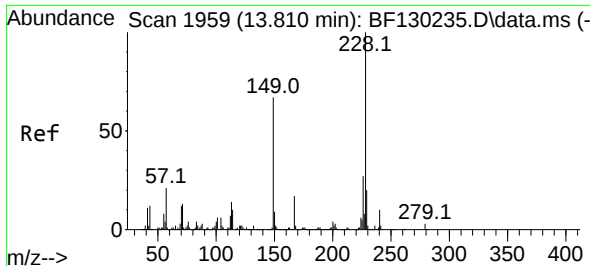
Reviewed By :Christian Giraldo 09/29/2022
 Supervised By :Jagrut Upadhyay 09/29/2022



#80
 Butylbenzylphthalate
 Concen: 20.019 ng
 RT: 13.227 min Scan# 1894
 Delta R.T. 0.006 min
 Lab File: BF130454.D
 Acq: 28 Sep 2022 18:37

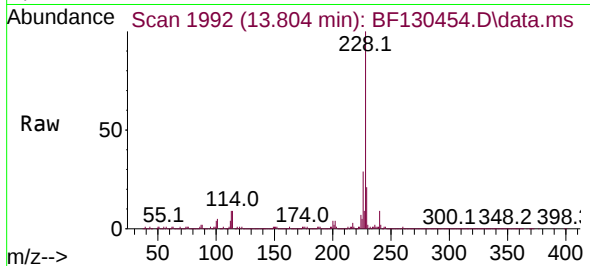
Tgt Ion:149 Resp: 160781
 Ion Ratio Lower Upper
 149 100
 91 68.5 59.8 89.8
 206 19.9 13.9 20.9





#81
Benzo(a)anthracene
Concen: 148.797 ng
RT: 13.804 min Scan# 1959
Delta R.T. 0.024 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

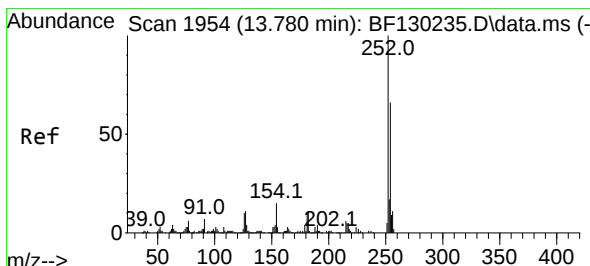
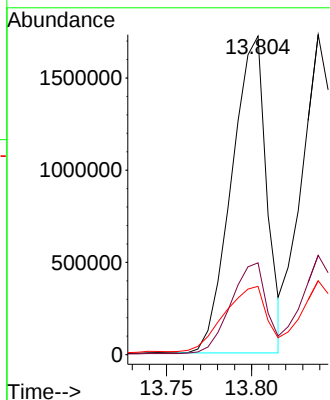
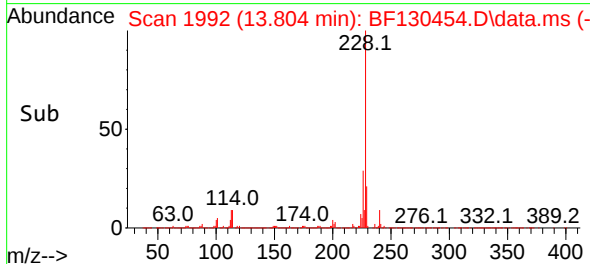
Instrument :
BNA_F
ClientSampleId :
OR-02-092722MS



Tgt Ion:228 Resp: 2453146
Ion Ratio Lower Upper
228 100
226 28.8 21.9 32.9
229 21.4 16.1 24.1

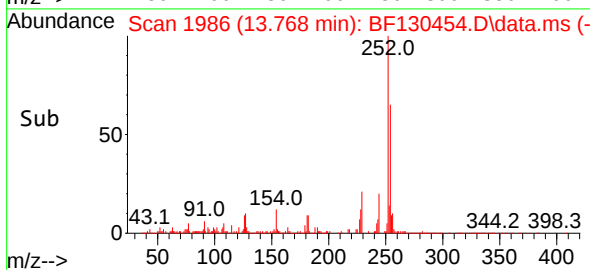
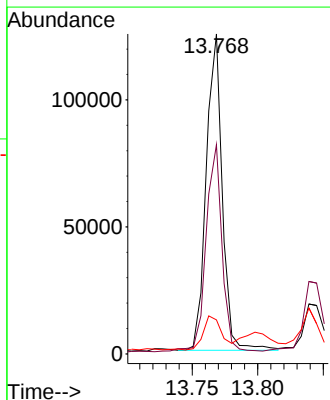
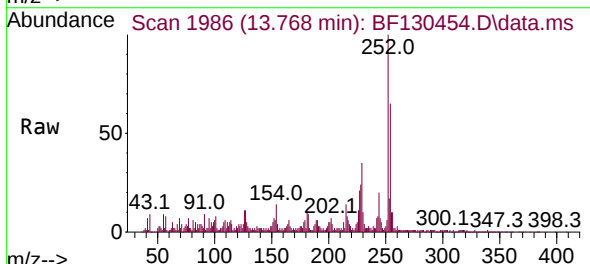
Manual Integrations
APPROVED

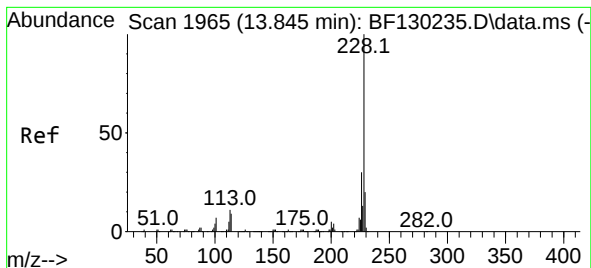
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#82
3,3'-Dichlorobenzidine
Concen: 23.589 ng
RT: 13.768 min Scan# 1986
Delta R.T. 0.018 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

Tgt Ion:252 Resp: 105864
Ion Ratio Lower Upper
252 100
254 65.4 51.1 76.7
126 10.6 10.4 15.6





#83

Chrysene

Concen: 129.889 ng m

RT: 13.839 min Scan# 19

Delta R.T. 0.024 min

Lab File: BF130454.D

Acq: 28 Sep 2022 18:37

Instrument :

BNA_F

ClientSampleId :

OR-02-092722MS

Tgt Ion:228 Resp: 203328

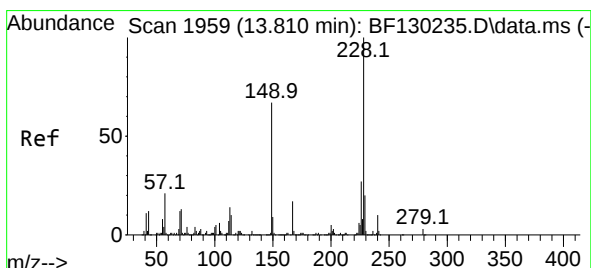
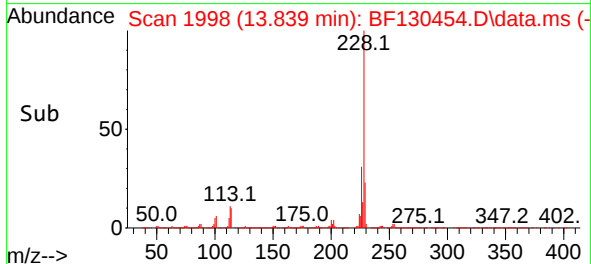
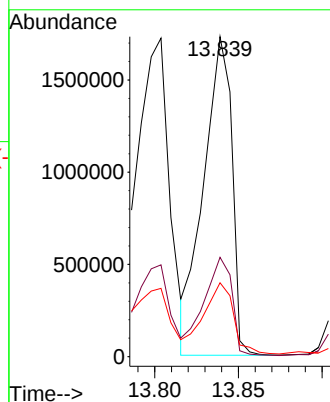
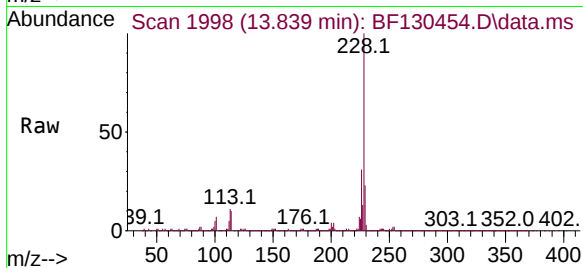
Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.8	35.8
229	23.1	15.3	22.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/29/2022

Supervised By :Jagrut Upadhyay 09/29/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 30.735 ng

RT: 13.786 min Scan# 1989

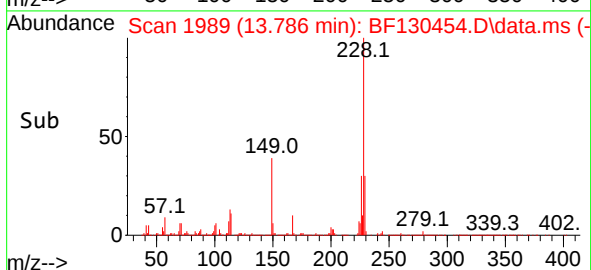
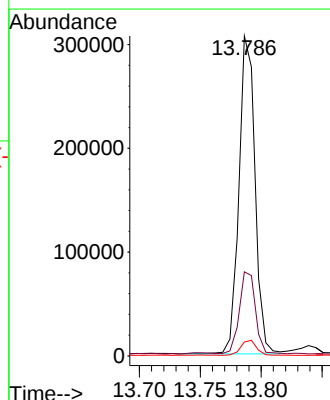
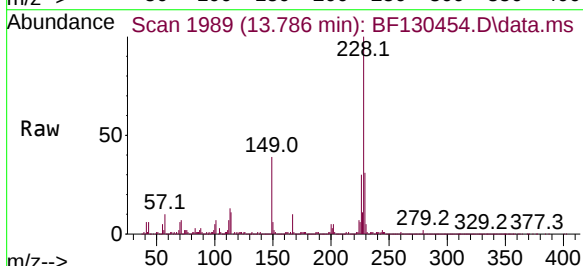
Delta R.T. 0.006 min

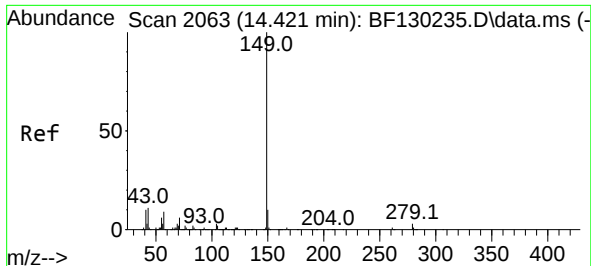
Lab File: BF130454.D

Acq: 28 Sep 2022 18:37

Tgt Ion:149 Resp: 282746

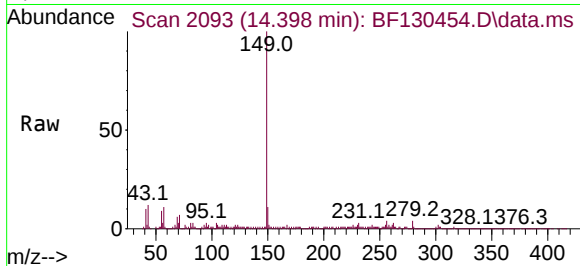
Ion	Ratio	Lower	Upper
149	100		
167	26.3	20.5	30.7
279	4.3	2.9	4.3





#85
Di-n-octyl phthalate
Concen: 25.442 ng
RT: 14.398 min Scan# 2063
Delta R.T. 0.006 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

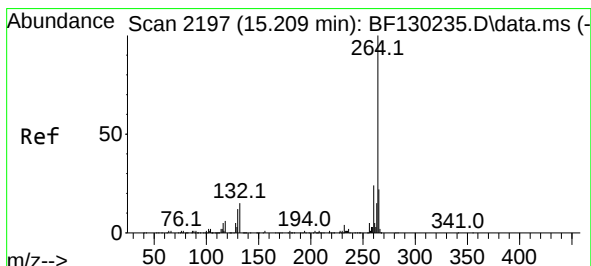
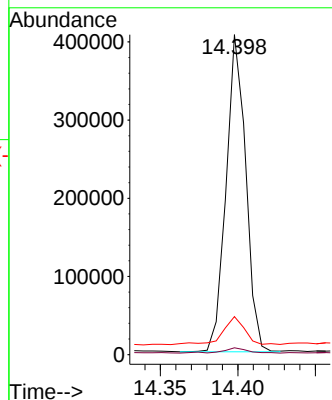
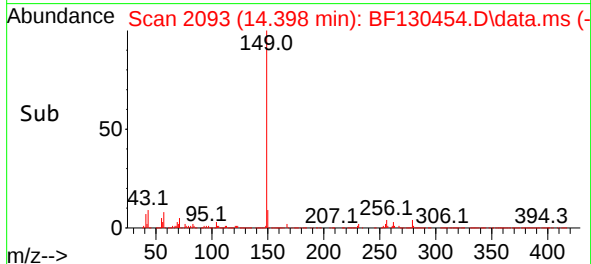
Instrument :
BNA_F
ClientSampleId :
OR-02-092722MS



Tgt Ion:149 Resp: 357988
Ion Ratio Lower Upper
149 100
167 2.0 1.2 1.8
43 10.3 8.7 13.1

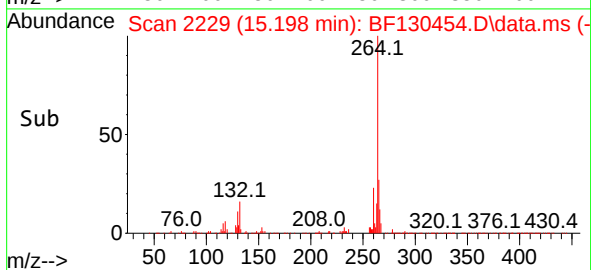
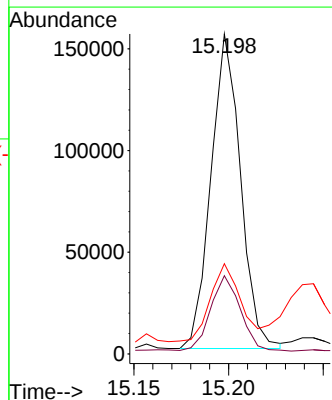
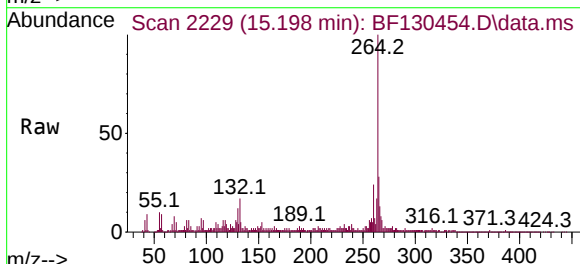
Manual Integrations
APPROVED

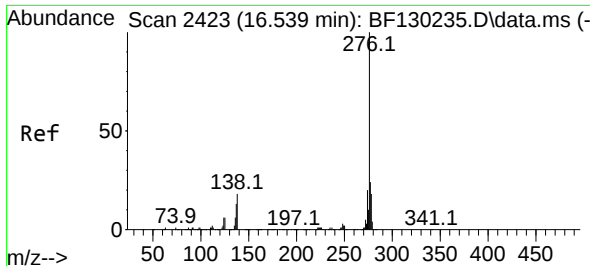
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.198 min Scan# 2229
Delta R.T. 0.024 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

Tgt Ion:264 Resp: 168389
Ion Ratio Lower Upper
264 100
260 24.4 19.3 28.9
265 28.2 17.0 25.4





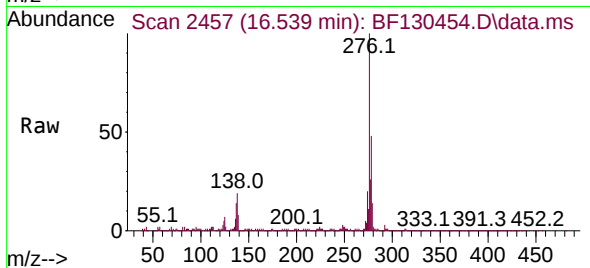
#87
Indeno(1,2,3-cd)pyrene
Concen: 72.357 ng
RT: 16.539 min Scan# 2423
Delta R.T. 0.041 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

Instrument :

BNA_F

ClientSampleId :

OR-02-092722MS

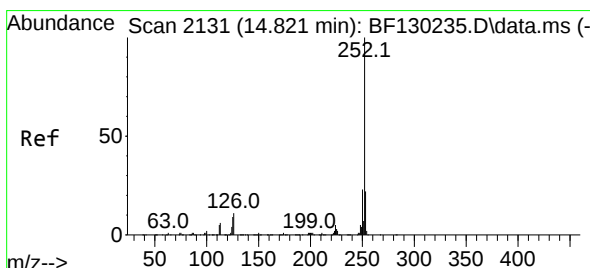
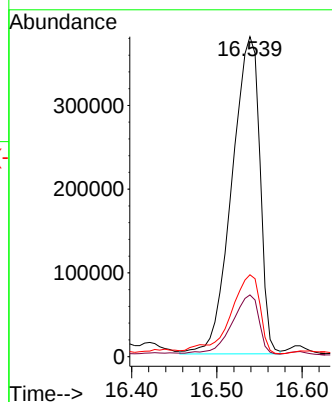
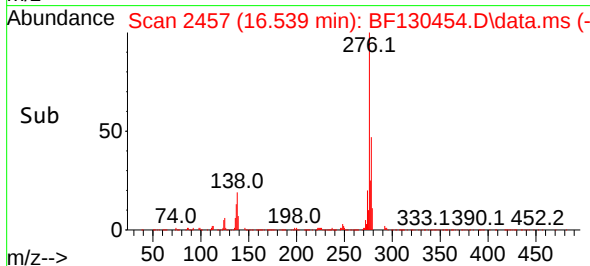


Tgt Ion:276 Resp: 864024
Ion Ratio Lower Upper
276 100
138 17.9 18.5 27.7
277 26.7 20.2 30.4

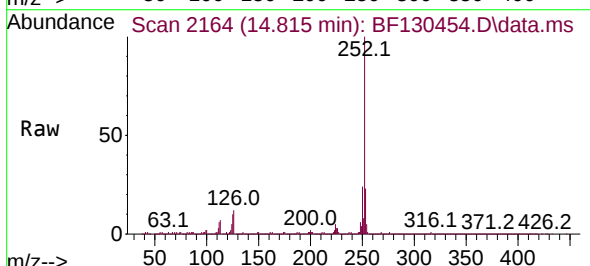
Manual Integrations

APPROVED

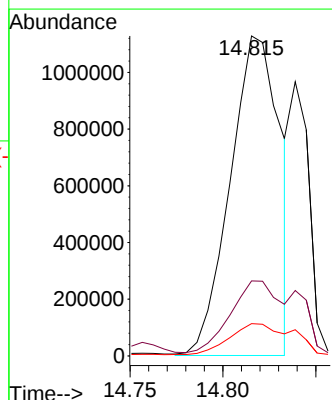
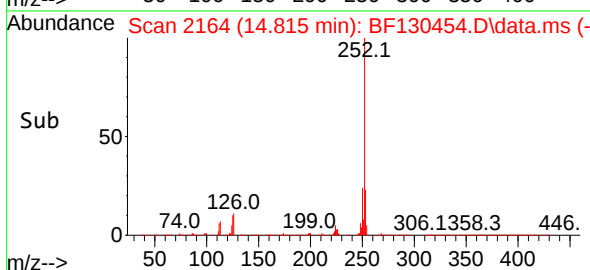
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

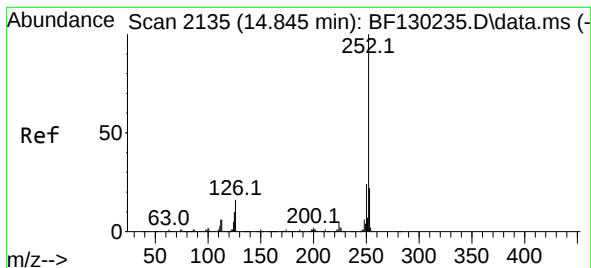


#88
Benzo(b)fluoranthene
Concen: 190.804 ng m
RT: 14.815 min Scan# 2164
Delta R.T. 0.029 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37



Tgt Ion:252 Resp: 2097062
Ion Ratio Lower Upper
252 100
253 23.4 17.7 26.5
125 10.1 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 61.550 ng m

RT: 14.839 min Scan# 2135

Delta R.T. 0.024 min

Lab File: BF130454.D

Acq: 28 Sep 2022 18:37

Instrument :

BNA_F

ClientSampleId :

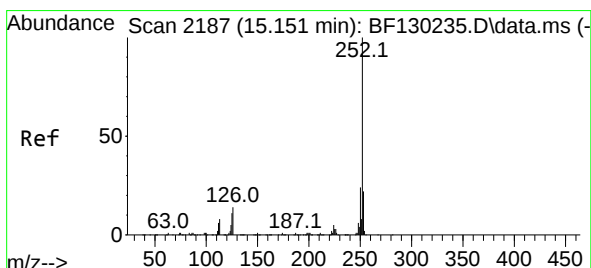
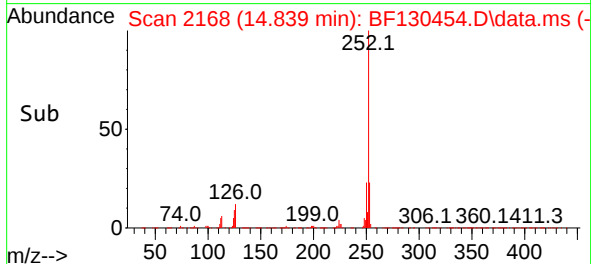
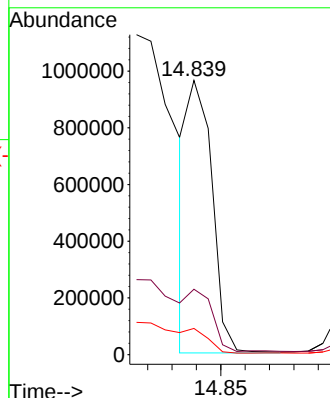
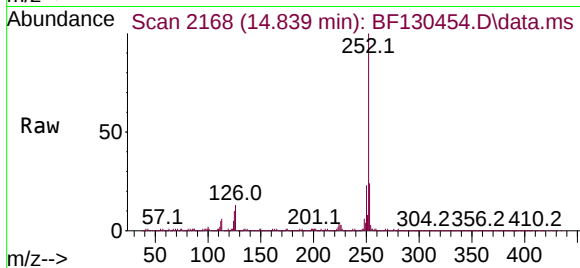
OR-02-092722MS

Tgt Ion:252 Resp: 665442
 Ion Ratio Lower Upper
 252 100
 253 23.9 17.4 26.2
 125 9.5 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/29/2022
 Supervised By :Jagrut Upadhyay 09/29/2022



#90

Benzo(a)pyrene

Concen: 163.825 ng

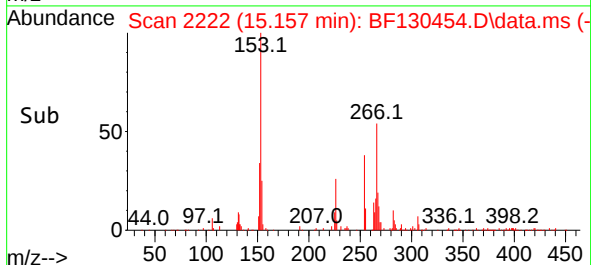
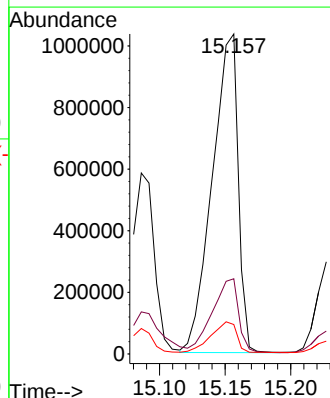
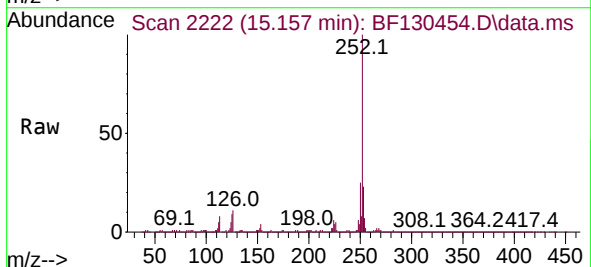
RT: 15.157 min Scan# 2222

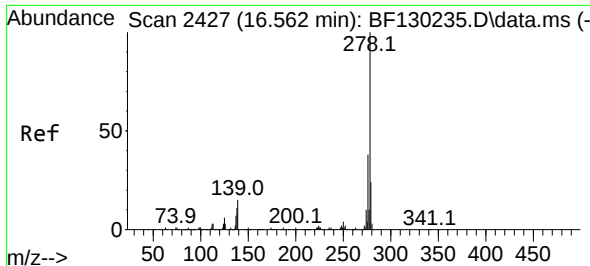
Delta R.T. 0.041 min

Lab File: BF130454.D

Acq: 28 Sep 2022 18:37

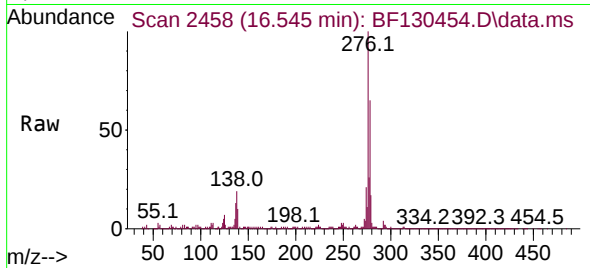
Tgt Ion:252 Resp: 1426465
 Ion Ratio Lower Upper
 252 100
 253 23.5 17.8 26.6
 125 9.2 9.0 13.6





#91
Dibenzo(a,h)anthracene
Concen: 33.797 ng
RT: 16.545 min Scan# 2427
Delta R.T. 0.035 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

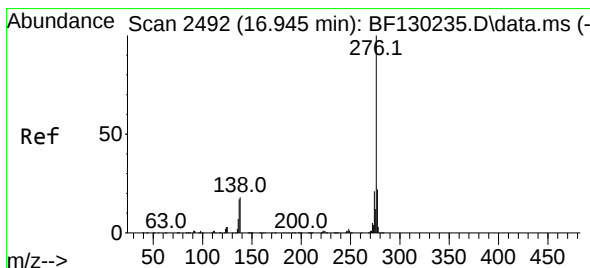
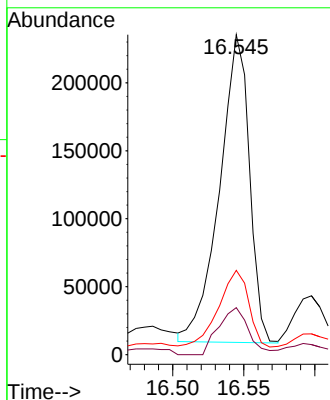
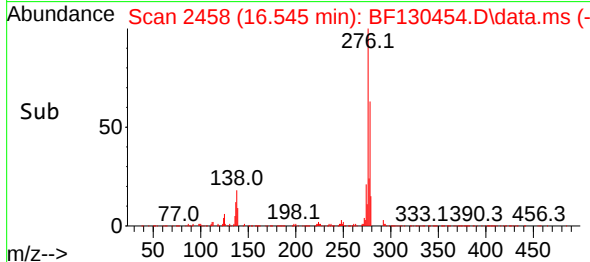
Instrument :
BNA_F
ClientSampleId :
OR-02-092722MS



Tgt Ion:278 Resp: 331070
Ion Ratio Lower Upper
278 100
139 14.7 11.8 17.8
279 26.4 19.4 29.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#92
Benzo(g,h,i)perylene
Concen: 77.145 ng
RT: 16.945 min Scan# 2526
Delta R.T. 0.053 min
Lab File: BF130454.D
Acq: 28 Sep 2022 18:37

Tgt Ion:276 Resp: 761263
Ion Ratio Lower Upper
276 100
277 24.5 18.6 27.8
138 17.1 14.6 21.8

