

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102122\
 Data File : BF130753.D
 Acq On : 21 Oct 2022 19:26
 Operator : CG\JU
 Sample : N5184-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-101822MS

Quant Time: Oct 21 22:56:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 06:12:36 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian
 Giraldo
 10/24/2022
 Supervised By :Jagrut
 Upadhyay
 10/24/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.563	152	67089	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	239378	20.000	ng	0.00
39) Acenaphthene-d10	9.598	164	111531	20.000	ng	0.00
64) Phenanthrene-d10	11.075	188	178271	20.000	ng	0.00
76) Chrysene-d12	13.716	240	105608	20.000	ng	0.01
86) Perylene-d12	15.098	264	88604	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	401334	103.156	ng	0.01
7) Phenol-d6	6.228	99	490990	104.305	ng	0.00
23) Nitrobenzene-d5	7.139	82	291485	64.595	ng	0.00
42) 2,4,6-Tribromophenol	10.386	330	93891	88.522	ng	0.00
45) 2-Fluorobiphenyl	8.922	172	484605	66.215	ng	0.00
79) Terphenyl-d14	12.657	244	410795	65.550	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.163	88	74794	32.312	ng	99
3) Pyridine	2.822	79	140319	31.444	ng	98
4) n-Nitrosodimethylamine	2.787	42	80405	40.555	ng	94
6) Aniline	6.234	93	109315	20.157	ng	# 77
8) 2-Chlorophenol	6.357	128	183645	40.794	ng	96
9) Benzaldehyde	6.116	77	86353	31.419	ng	97
10) Phenol	6.240	94	219942	42.381	ng	84
11) bis(2-Chloroethyl)ether	6.310	93	171816	44.575	ng	99
12) 1,3-Dichlorobenzene	6.504	146	198769	40.645	ng	100
13) 1,4-Dichlorobenzene	6.581	146	205809	40.916	ng	98
14) 1,2-Dichlorobenzene	6.734	146	190636	40.114	ng	99
15) Benzyl Alcohol	6.728	79	120495	34.897	ng	98
16) 2,2'-oxybis(1-Chloropr...	6.851	45	205665	41.596	ng	76
17) 2-Methylphenol	6.851	107	152967	41.305	ng	95
18) Hexachloroethane	7.069	117	54843	29.193	ng	97
19) n-Nitroso-di-n-propyla...	6.992	70	124780	39.229	ng	98
20) 3+4-Methylphenols	7.004	107	183650	37.835	ng	# 86
22) Acetophenone	6.987	105	260708	44.646	ng	97
24) Nitrobenzene	7.157	77	178734	38.937	ng	99
25) Isophorone	7.398	82	314665	42.323	ng	97
26) 2-Nitrophenol	7.475	139	72121	31.336	ng	98
27) 2,4-Dimethylphenol	7.528	122	150800	48.428	ng	97
28) bis(2-Chloroethoxy)met...	7.610	93	198935	46.192	ng	99
29) 2,4-Dichlorophenol	7.728	162	136319	39.701	ng	97
30) 1,2,4-Trichlorobenzene	7.792	180	145851	40.448	ng	99
31) Naphthalene	7.869	128	495830	40.172	ng	99
32) Benzoic acid	7.675	122	34241	22.627	ng	98
33) 4-Chloroaniline	7.934	127	88627	18.664	ng	97
34) Hexachlorobutadiene	7.981	225	96597	42.136	ng	98
35) Caprolactam	8.310	113	40496	37.736	ng	# 85
36) 4-Chloro-3-methylphenol	8.434	107	133367	35.938	ng	98
37) 2-Methylnaphthalene	8.557	142	305050	37.721	ng	99
38) 1-Methylnaphthalene	8.657	142	288299	35.957	ng	98
40) 1,2,4,5-Tetrachloroben...	8.728	216	135511	45.788	ng	99
43) 2,4,6-Trichlorophenol	8.851	196	84019	45.108	ng	94
44) 2,4,5-Trichlorophenol	8.904	196	84939	41.930	ng	98

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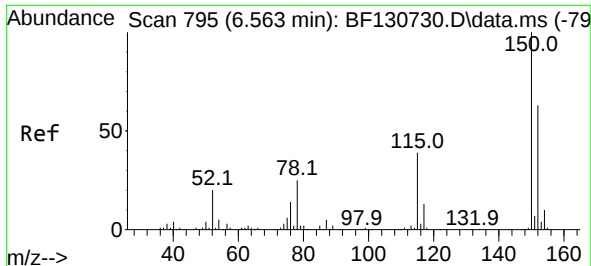
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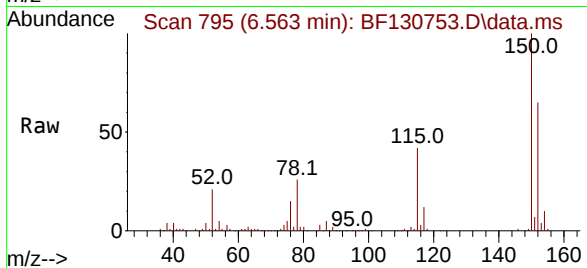
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.022	154	362220	46.563	ng	99
47) 2-Chloronaphthalene	9.045	162	271130	41.911	ng	100
48) 2-Nitroaniline	9.157	65	88263	44.451	ng	88
49) Acenaphthylene	9.457	152	390508	40.968	ng	100
50) Dimethylphthalate	9.333	163	333212	44.416	ng	100
51) 2,6-Dinitrotoluene	9.398	165	58304	34.705	ng	89
52) Acenaphthene	9.628	154	252563	42.628	ng	98
53) 3-Nitroaniline	9.569	138	70700	36.933	ng	98
54) 2,4-Dinitrophenol	9.751	184	1243m	10.156	ng	
55) Dibenzofuran	9.804	168	385784	42.303	ng	97
56) 4-Nitrophenol	9.769	139	52534	83.162	ng	97
57) 2,4-Dinitrotoluene	9.810	165	70394	31.106	ng	97
58) Fluorene	10.145	166	314265	41.435	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.933	232	60872	37.798	ng	# 93
60) Diethylphthalate	10.028	149	314701	40.658	ng	99
61) 4-Chlorophenyl-phenyle...	10.139	204	137641	40.489	ng	97
62) 4-Nitroaniline	10.186	138	71740	39.509	ng	100
63) Azobenzene	10.298	77	254903	37.507	ng	98
66) n-Nitrosodiphenylamine	10.257	169	257798	41.949	ng	100
67) 4-Bromophenyl-phenylether	10.622	248	87308	40.715	ng	95
68) Hexachlorobenzene	10.692	284	92000	37.536	ng	97
69) Atrazine	10.792	200	79917	46.957	ng	98
70) Pentachlorophenol	10.898	266	49345	82.215	ng	99
71) Phenanthrene	11.104	178	722447	73.901	ng	99
72) Anthracene	11.157	178	494294	50.668	ng	99
73) Carbazole	11.316	167	396821	44.057	ng	99
74) Di-n-butylphthalate	11.645	149	468714	42.310	ng	99
75) Fluoranthene	12.292	202	789243	79.859	ng	98
77) Benzidine	12.421	184	31610	13.366	ng	# 91
78) Pyrene	12.516	202	694628	78.360	ng	100
80) Butylbenzylphthalate	13.139	149	167479	47.614	ng	99
81) Benzo(a)anthracene	13.704	228	422122	59.820	ng	99
82) 3,3'-Dichlorobenzidine	13.668	252	57426	28.023	ng	98
83) Chrysene	13.739	228	371735	54.370	ng	98
84) Bis(2-ethylhexyl)phtha...	13.692	149	231681	55.602	ng	98
85) Di-n-octyl phthalate	14.304	149	335840	61.136	ng	# 99
87) Indeno(1,2,3-cd)pyrene	16.404	276	236626	37.237	ng	97
88) Benzo(b)fluoranthene	14.715	252	358019	60.686	ng	# 91
89) Benzo(k)fluoranthene	14.739	252	285268	48.130	ng	97
90) Benzo(a)pyrene	15.045	252	284063	59.950	ng	99
91) Dibenzo(a,h)anthracene	16.404	278	190027	36.189	ng	95
92) Benzo(g,h,i)perylene	16.792	276	187840	35.668	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.563 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF130753.D
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Instrument :
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ClientSampleId :
EO-02-101822MS

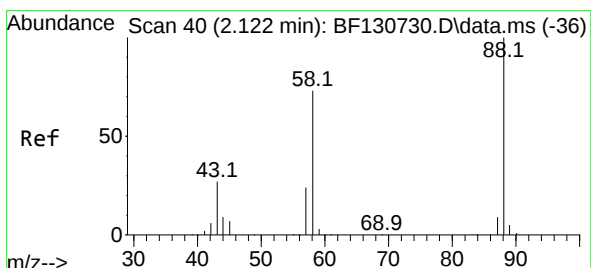
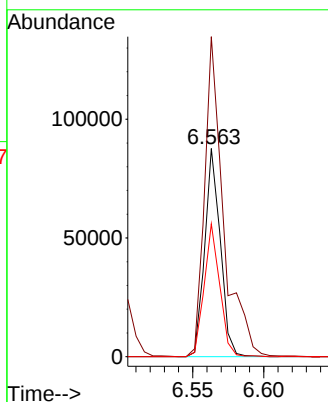
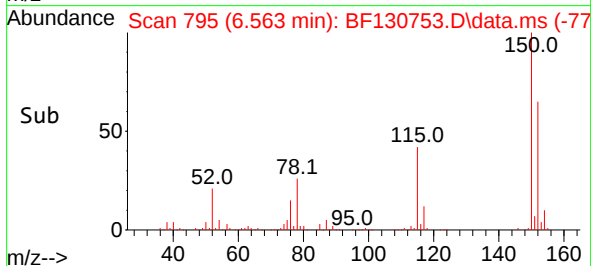


Tgt Ion:152 Resp: 67089
Ion Ratio Lower Upper
152 100
150 153.8 127.0 190.6
115 63.8 49.9 74.9

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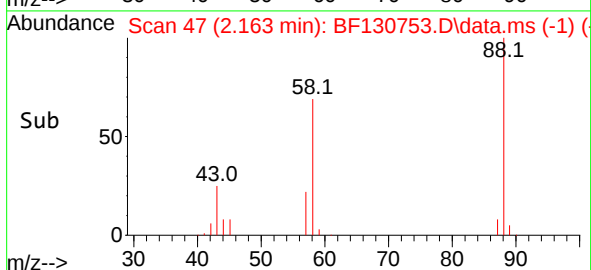
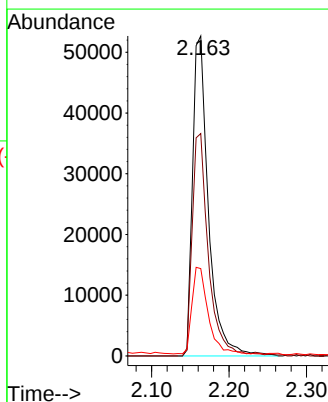
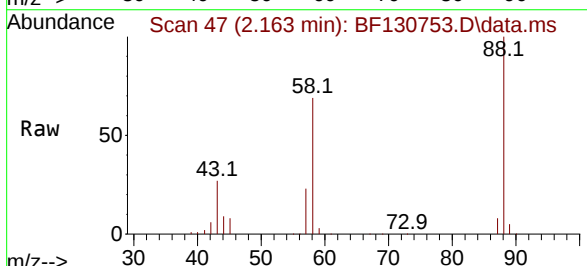
Reviewed By :Christian
Giraldo
10/24/2022

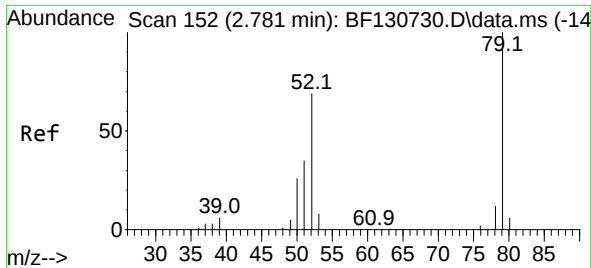
Supervised By :Jagrut
Upadhyay
10/24/2022



#2
1,4-Dioxane
Concen: 32.312 ng
RT: 2.163 min Scan# 47
Delta R.T. 0.041 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

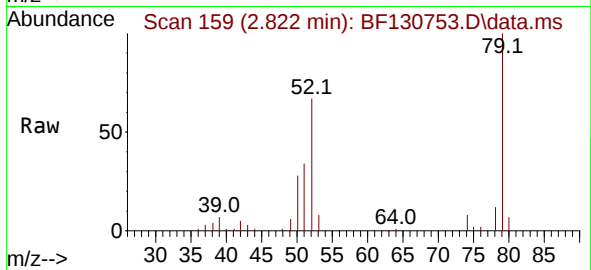
Tgt Ion: 88 Resp: 74794
Ion Ratio Lower Upper
88 100
58 71.0 57.1 85.7
43 27.3 21.4 32.2





#3
Pyridine
Concen: 31.444 ng
RT: 2.822 min Scan# 11
Delta R.T. 0.041 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

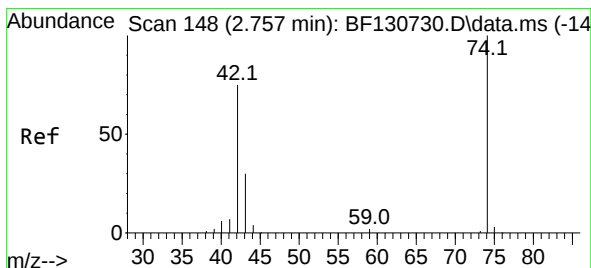
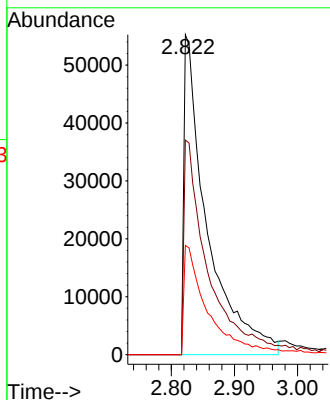
Instrument :
BNA_F
ClientSampleId :
EO-02-101822MS



Tgt Ion: 79 Resp: 140319
Ion Ratio Lower Upper
79 100
52 67.0 55.4 83.0
51 34.2 28.1 42.1

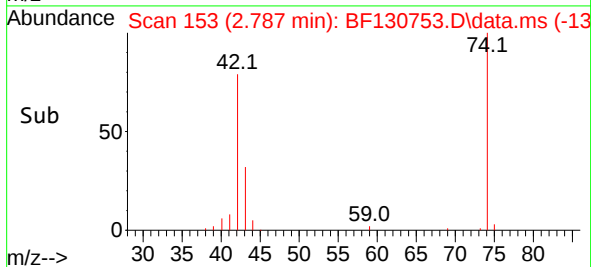
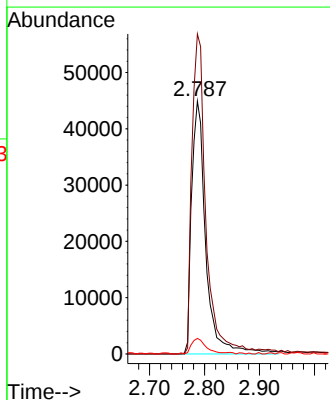
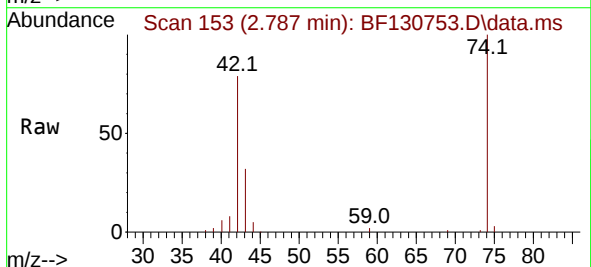
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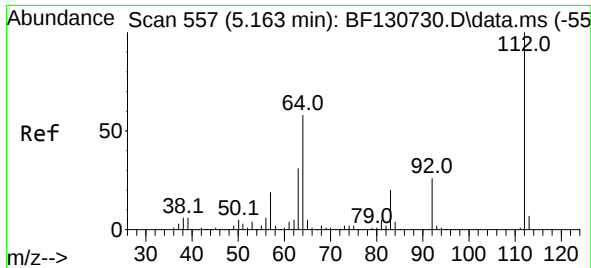
Reviewed By :Christian
Giraldo
10/24/2022
Supervised By :Jagrut
Upadhyay
10/24/2022



#4
n-Nitrosodimethylamine
Concen: 40.555 ng
RT: 2.787 min Scan# 153
Delta R.T. 0.029 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

Tgt Ion: 42 Resp: 80405
Ion Ratio Lower Upper
42 100
74 126.6 107.3 160.9
44 6.1 4.6 7.0





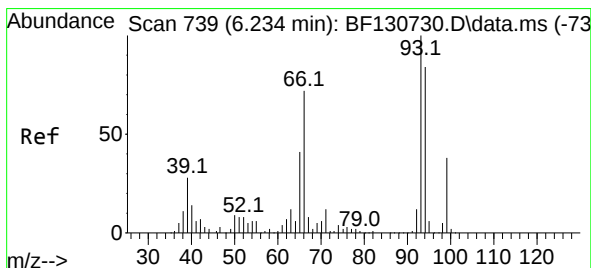
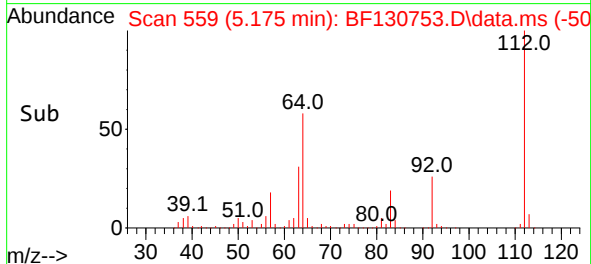
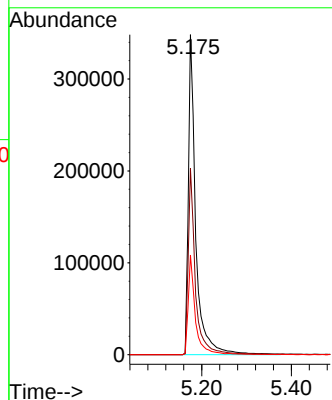
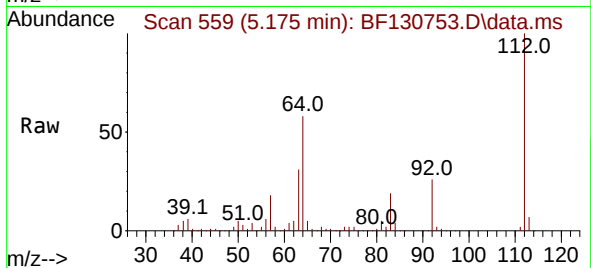
#5
2-Fluorophenol
Concen: 103.156 ng
RT: 5.175 min Scan# 511
Delta R.T. 0.012 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

Instrument :
BNA_F
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EO-02-101822MS

Tgt Ion:112 Resp: 401334
Ion Ratio Lower Upper
112 100
64 58.2 46.2 69.4
63 31.2 25.1 37.7

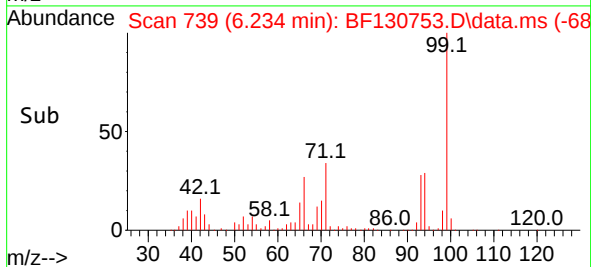
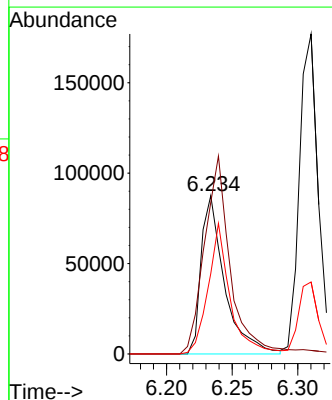
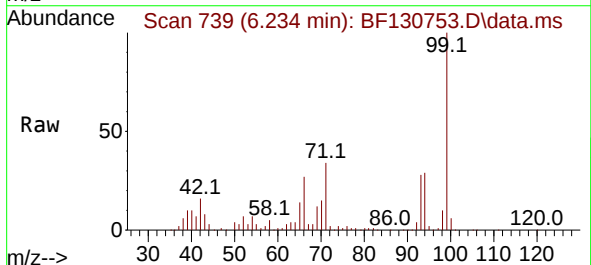
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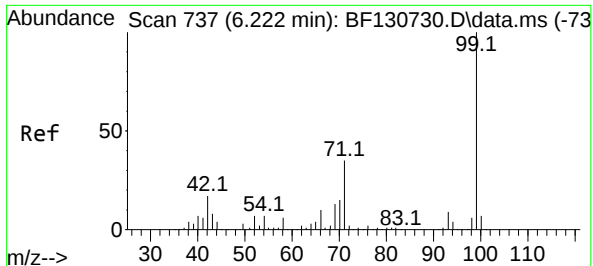
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Giraldo
10/24/2022
Supervised By :Jagrut
Upadhyay
10/24/2022



#6
Aniline
Concen: 20.157 ng
RT: 6.234 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

Tgt Ion: 93 Resp: 109315
Ion Ratio Lower Upper
93 100
66 95.8 57.9 86.9#
65 50.8 33.0 49.6#





#7

Phenol-d6

Concen: 104.305 ng

RT: 6.228 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF130753.D

Acq: 21 Oct 2022 19:26

Instrument :

BNA_F

ClientSampleId :

EO-02-101822MS

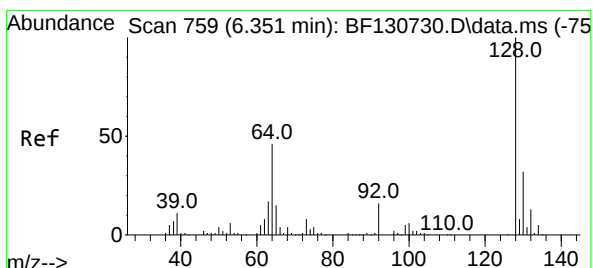
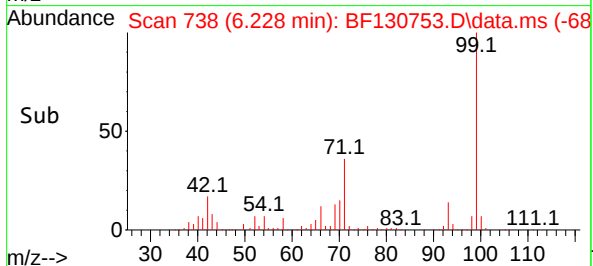
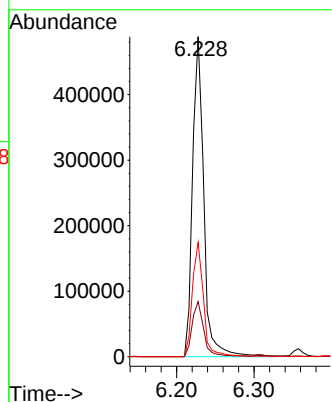
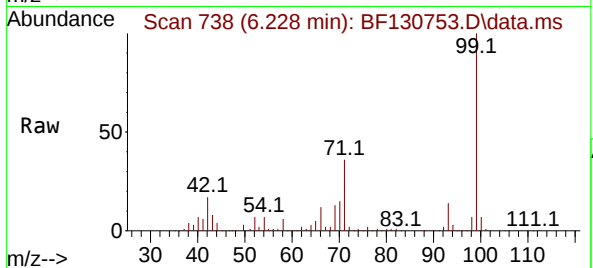
Tgt Ion: 99 Resp: 490990

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.8	20.8
71	35.7	28.3	42.5

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Upadhyay
10/24/2022



#8

2-Chlorophenol

Concen: 40.794 ng

RT: 6.357 min Scan# 760

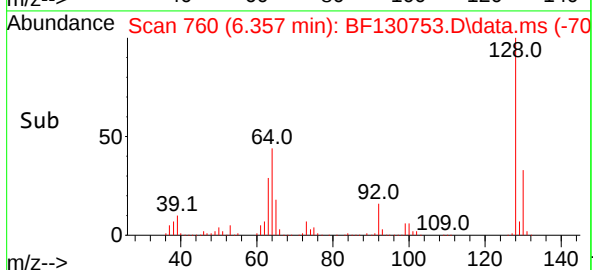
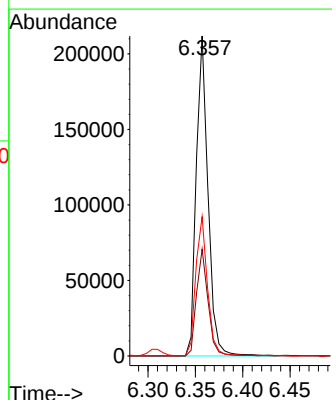
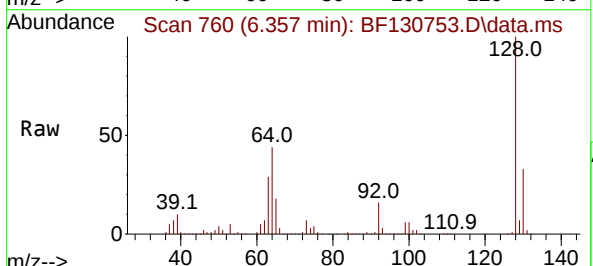
Delta R.T. 0.006 min

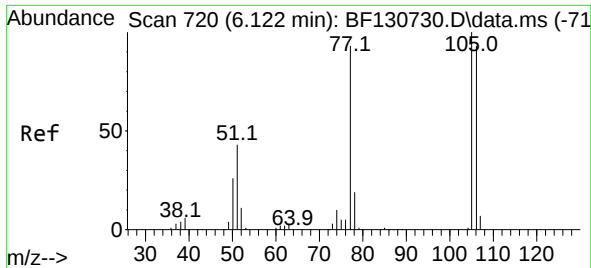
Lab File: BF130753.D

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Tgt Ion:128 Resp: 183645

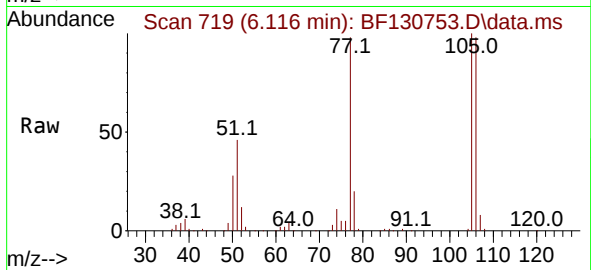
Ion	Ratio	Lower	Upper
128	100		
130	33.4	12.1	52.1
64	43.6	26.8	66.8





#9
Benzaldehyde
Concen: 31.419 ng
RT: 6.116 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

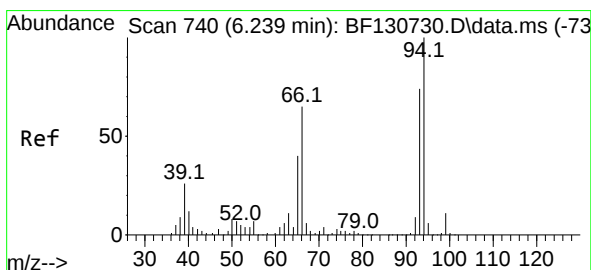
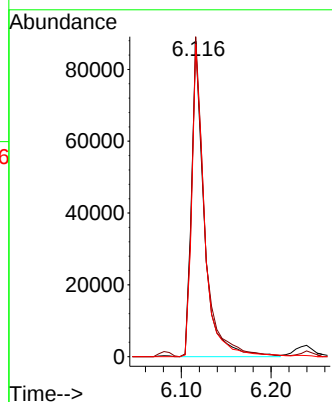
Instrument :
BNA_F
ClientSampleId :
EO-02-101822MS



Tgt Ion: 77 Resp: 8635
Ion Ratio Lower Upper
77 100
105 102.0 87.1 127.1
106 99.6 79.5 119.5

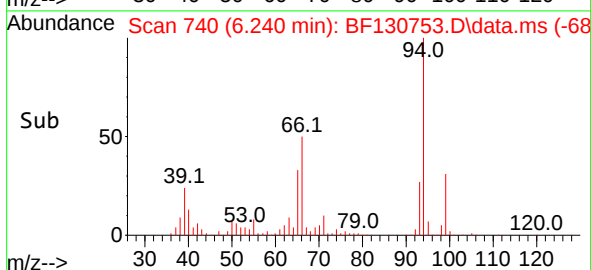
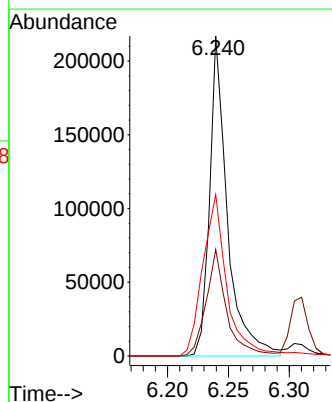
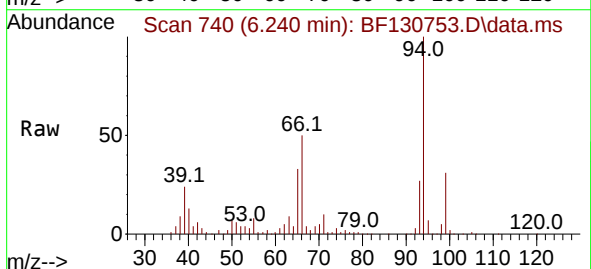
Manual Integrations
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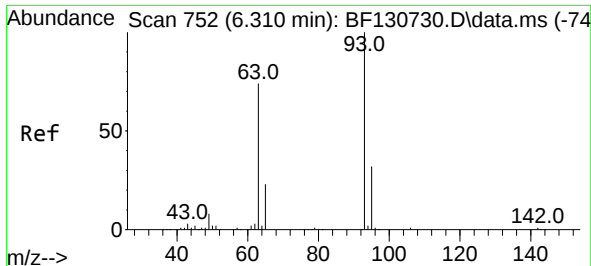
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Giraldo
10/24/2022
Supervised By :Jagrut
Upadhyay
10/24/2022



#10
Phenol
Concen: 42.381 ng
RT: 6.240 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

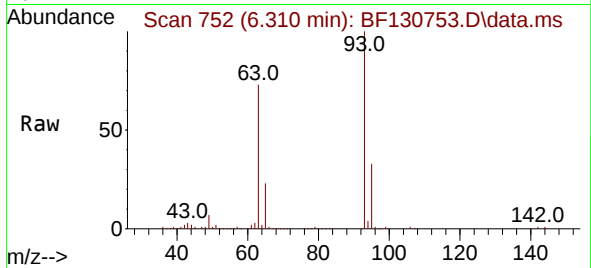
Tgt Ion: 94 Resp: 219942
Ion Ratio Lower Upper
94 100
65 33.3 20.3 60.3
66 50.4 45.2 85.2





#11
bis(2-Chloroethyl)ether
Concen: 44.575 ng
RT: 6.310 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

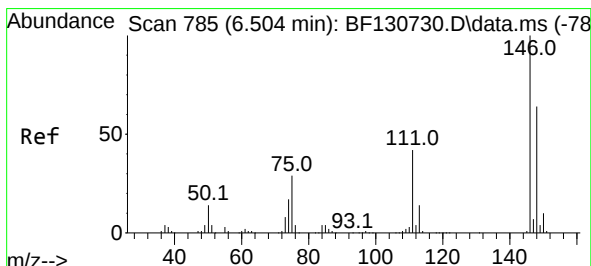
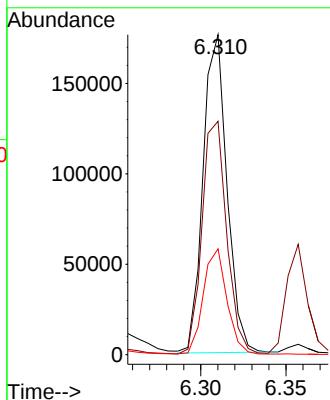
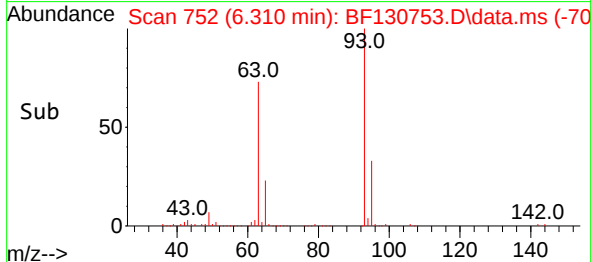
Instrument :
BNA_F
ClientSampleId :
EO-02-101822MS



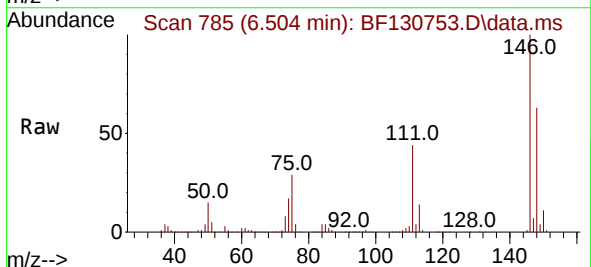
Tgt Ion: 93 Resp: 171810
Ion Ratio Lower Upper
93 100
63 72.9 53.6 93.6
95 33.1 11.8 51.8

Manual Integrations
APPROVED

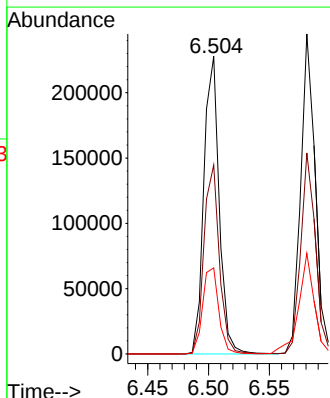
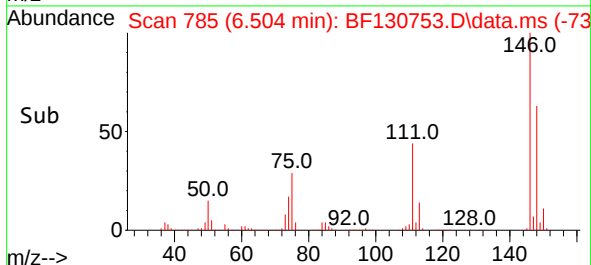
Reviewed By :Christian
Giraldo
10/24/2022
Supervised By :Jagrut
Upadhyay
10/24/2022

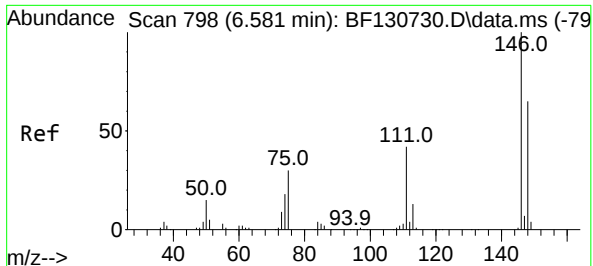


#12
1,3-Dichlorobenzene
Concen: 40.645 ng
RT: 6.504 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26



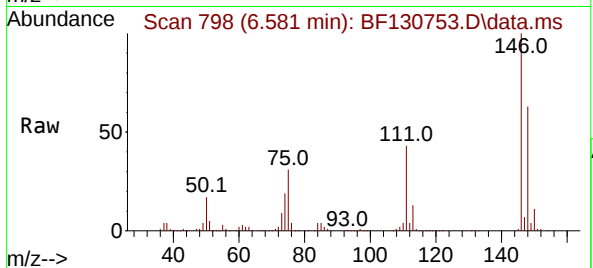
Tgt Ion:146 Resp: 198769
Ion Ratio Lower Upper
146 100
148 63.5 50.9 76.3
75 28.9 22.9 34.3





#13
1,4-Dichlorobenzene
Concen: 40.916 ng
RT: 6.581 min Scan# 798
Delta R.T. 0.000 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

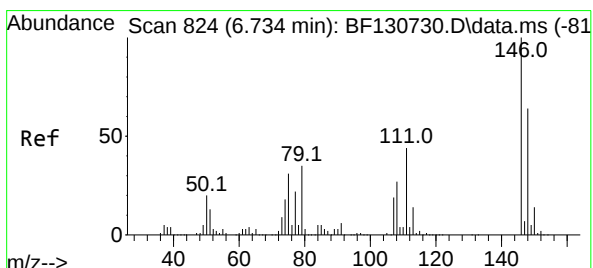
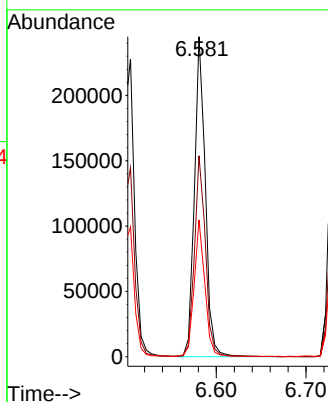
Instrument :
BNA_F
ClientSampleId :
EO-02-101822MS



Tgt Ion:146 Resp: 205809
Ion Ratio Lower Upper
146 100
148 62.8 51.8 77.6
111 42.8 33.8 50.8

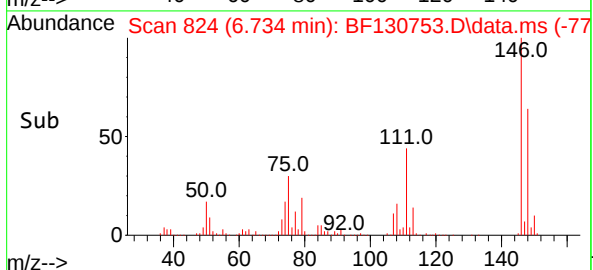
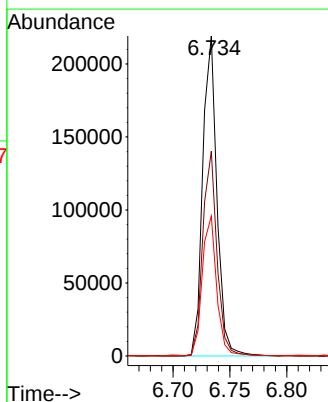
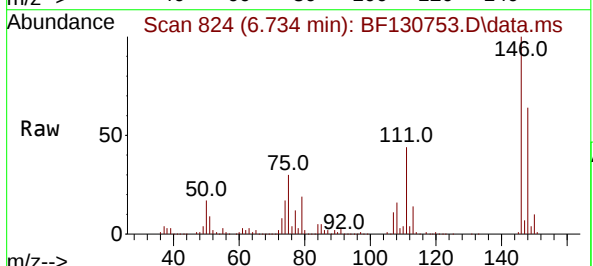
Manual Integrations
APPROVED

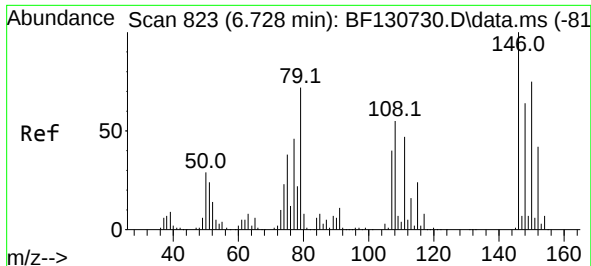
Reviewed By :Christian
Giraldo
10/24/2022
Supervised By :Jagrut
Upadhyay
10/24/2022



#14
1,2-Dichlorobenzene
Concen: 40.114 ng
RT: 6.734 min Scan# 824
Delta R.T. 0.000 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

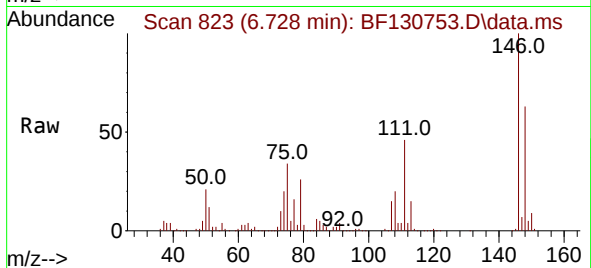
Tgt Ion:146 Resp: 190636
Ion Ratio Lower Upper
146 100
148 64.0 50.9 76.3
111 43.7 35.5 53.3





#15
Benzyl Alcohol
Concen: 34.897 ng
RT: 6.728 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

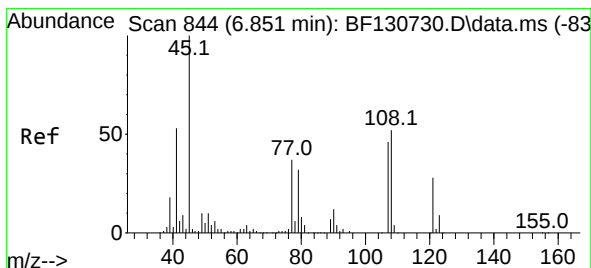
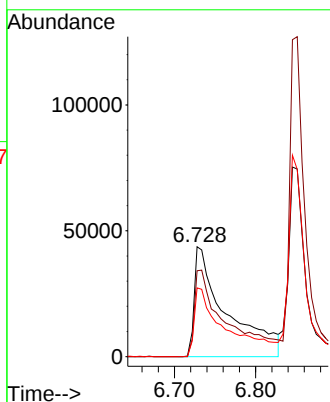
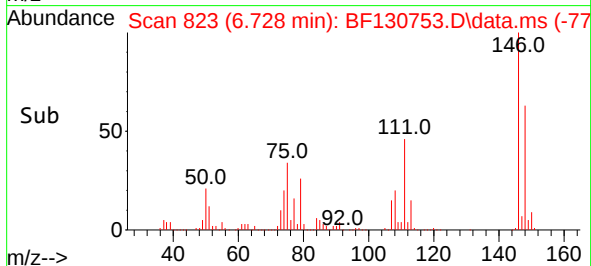
Instrument :
BNA_F
ClientSampleId :
EO-02-101822MS



Tgt Ion: 79 Resp: 120495
Ion Ratio Lower Upper
79 100
108 78.1 61.4 92.2
77 62.6 51.4 77.0

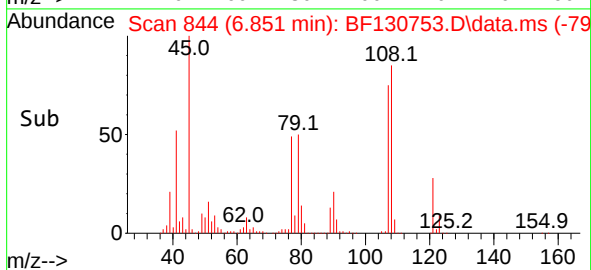
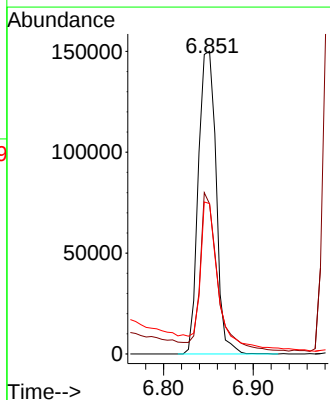
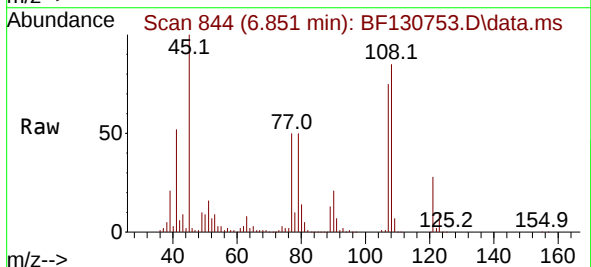
Manual Integrations
APPROVED

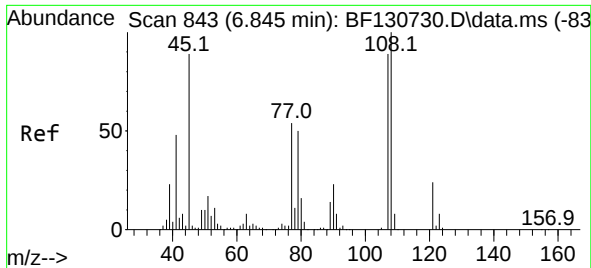
Reviewed By :Christian
Giraldo
10/24/2022
Supervised By :Jagrut
Upadhyay
10/24/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.596 ng
RT: 6.851 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

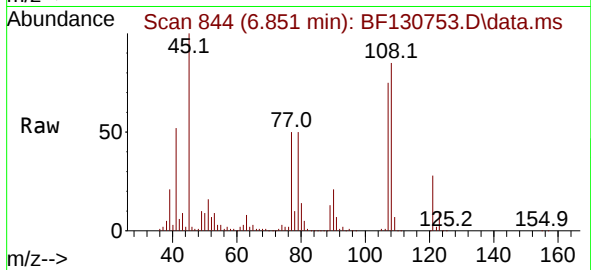
Tgt Ion: 45 Resp: 205665
Ion Ratio Lower Upper
45 100
77 49.6 17.7 57.7
79 49.7 13.8 53.8





#17
2-Methylphenol
Concen: 41.305 ng
RT: 6.851 min Scan# 843
Delta R.T. 0.006 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

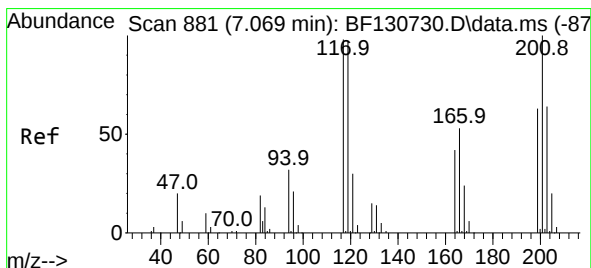
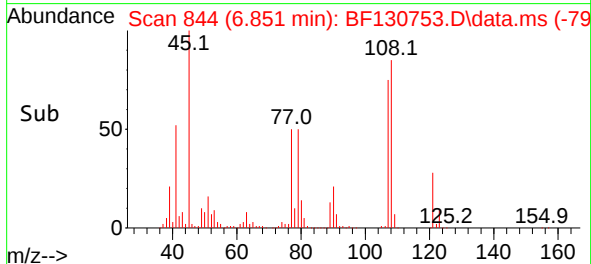
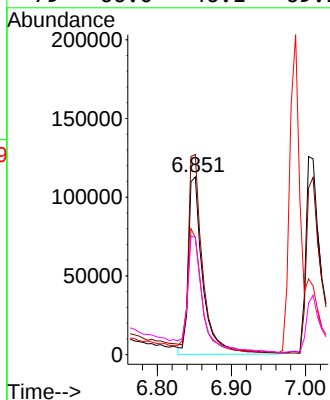
Instrument :
BNA_F
ClientSampleId :
EO-02-101822MS



Tgt Ion:107 Resp: 15296
Ion Ratio Lower Upper
107 100
108 112.6 90.4 135.6
77 65.9 48.9 73.3
79 66.0 46.1 69.1

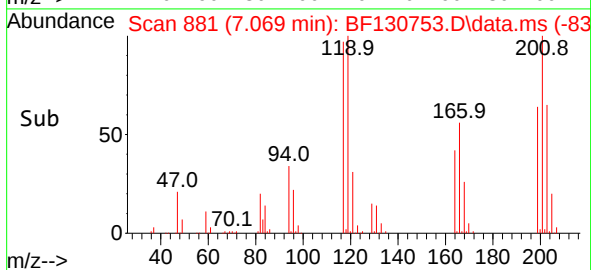
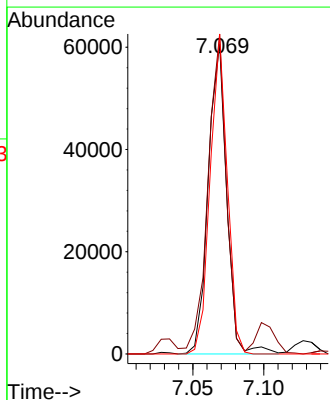
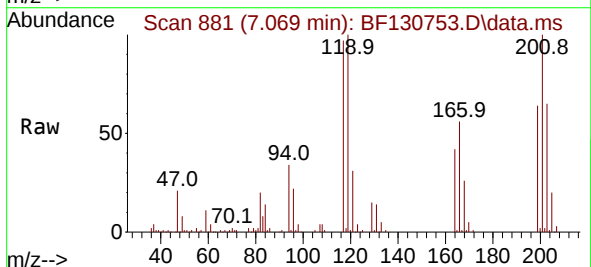
Manual Integrations
APPROVED

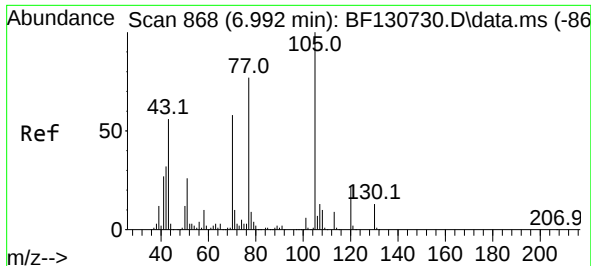
Reviewed By :Christian
Giraldo
10/24/2022
Supervised By :Jagrut
Upadhyay
10/24/2022



#18
Hexachloroethane
Concen: 29.193 ng
RT: 7.069 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

Tgt Ion:117 Resp: 54843
Ion Ratio Lower Upper
117 100
119 103.1 79.1 118.7
201 103.2 81.5 122.3





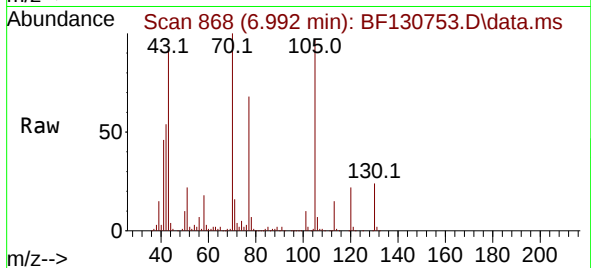
#19
n-Nitroso-di-n-propylamine
Concen: 39.229 ng
RT: 6.992 min Scan# 868
Delta R.T. 0.000 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

Instrument :

BNA_F

ClientSampleId :

EO-02-101822MS

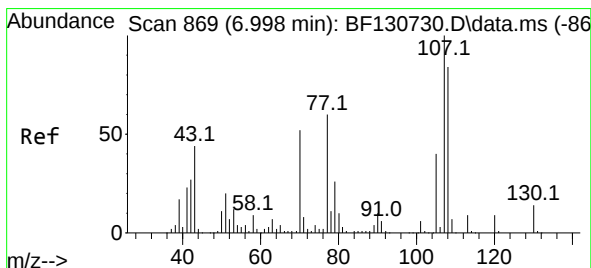
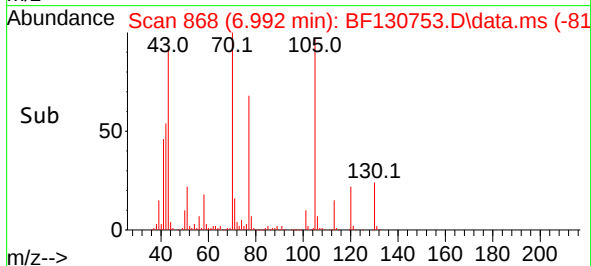
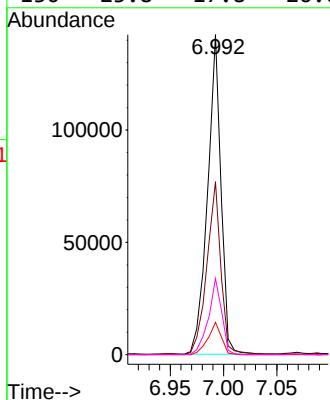


Tgt Ion: 70 Resp: 124780
Ion Ratio Lower Upper
70 100
42 54.1 44.1 66.1
101 10.1 8.3 12.5
130 23.8 17.8 26.6

Manual Integrations
APPROVED

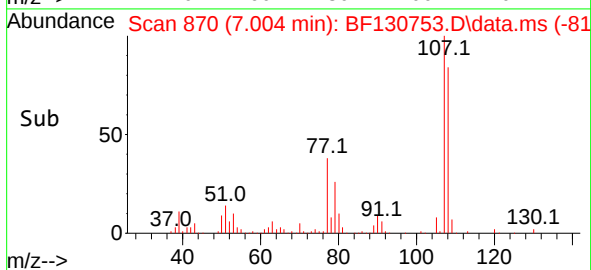
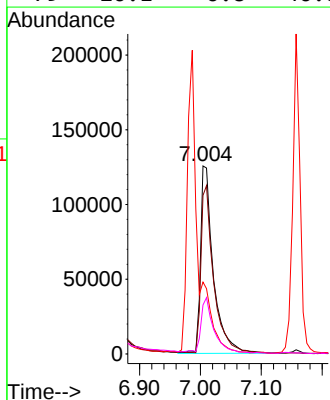
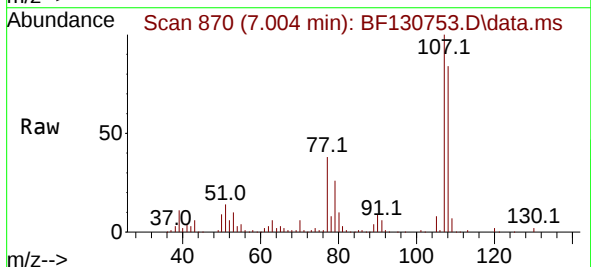
Reviewed By :Christian
Giraldo
10/24/2022

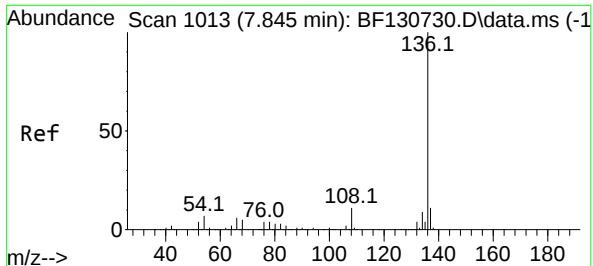
Supervised By :Jagrut
Upadhyay
10/24/2022



#20
3+4-Methylphenols
Concen: 37.835 ng
RT: 7.004 min Scan# 870
Delta R.T. 0.006 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

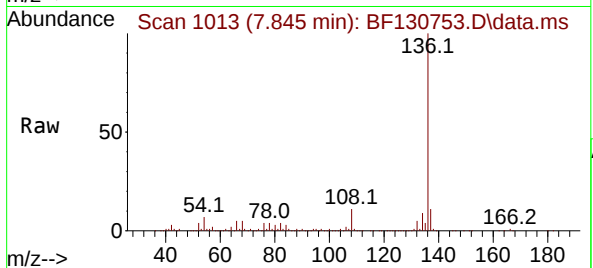
Tgt Ion:107 Resp: 183650
Ion Ratio Lower Upper
107 100
108 84.4 64.3 104.3
77 38.3 47.7 87.7#
79 26.1 6.8 46.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.845 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

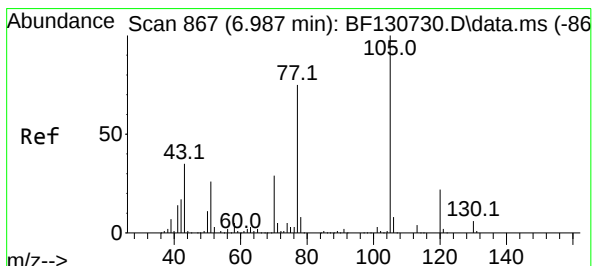
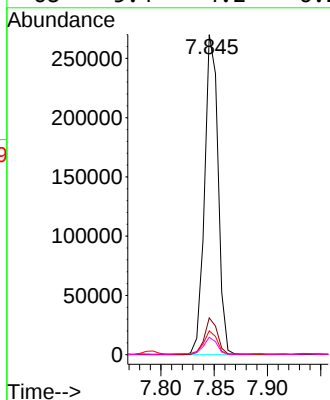
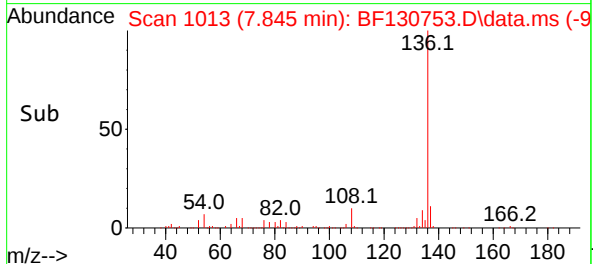
Instrument :
BNA_F
ClientSampleId :
EO-02-101822MS



Tgt Ion:136 Resp: 239378
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 7.5 5.8 8.8
68 5.4 4.2 6.2

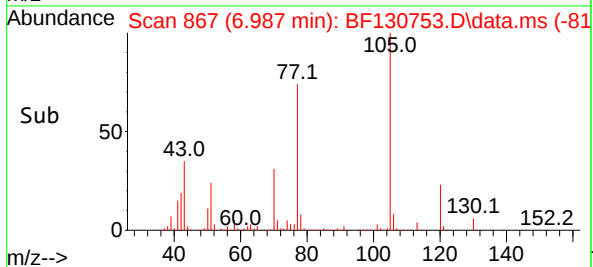
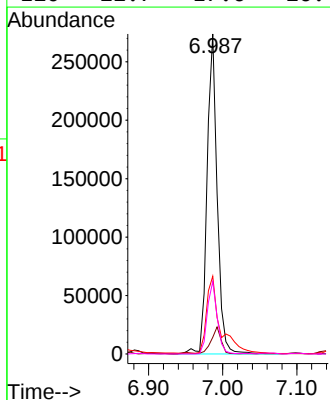
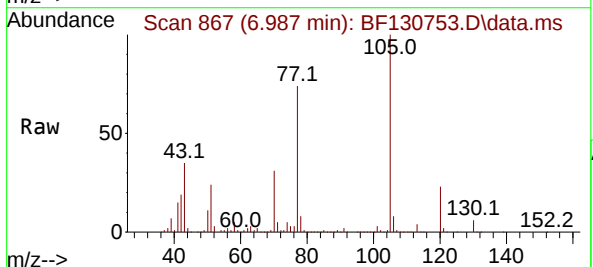
Manual Integrations
APPROVED

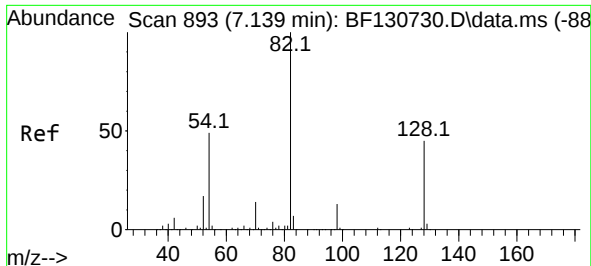
Reviewed By :Christian
Giraldo
10/24/2022
Supervised By :Jagrut
Upadhyay
10/24/2022



#22
Acetophenone
Concen: 44.646 ng
RT: 6.987 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

Tgt Ion:105 Resp: 260708
Ion Ratio Lower Upper
105 100
71 5.2 3.9 5.9
51 24.3 21.0 31.4
120 22.7 17.6 26.4





#23

Nitrobenzene-d5

Concen: 64.595 ng

RT: 7.139 min Scan# 893

Delta R.T. 0.000 min

Lab File: BF130753.D

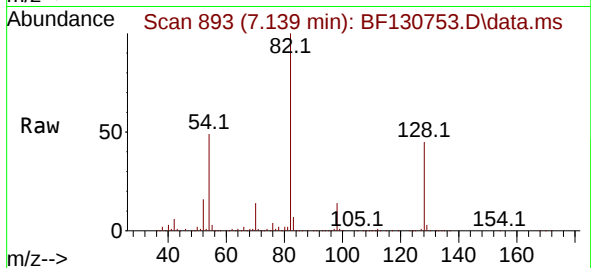
Acq: 21 Oct 2022 19:26

Instrument :

BNA_F

ClientSampleId :

EO-02-101822MS



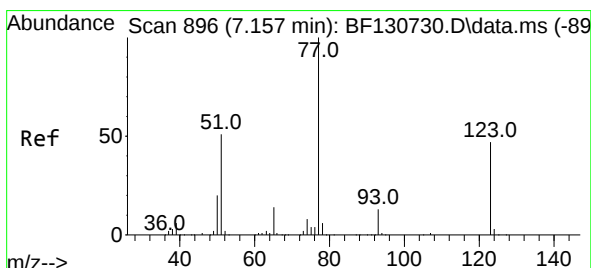
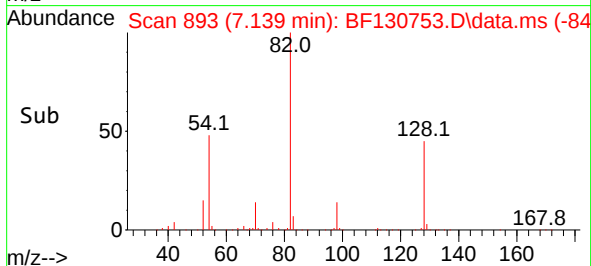
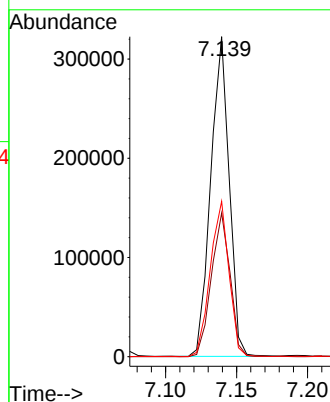
Tgt Ion: 82 Resp: 291485

Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.9	53.9
54	48.6	39.2	58.8

Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo
10/24/2022

Supervised By :Jagrut
Upadhyay
10/24/2022



#24

Nitrobenzene

Concen: 38.937 ng

RT: 7.157 min Scan# 896

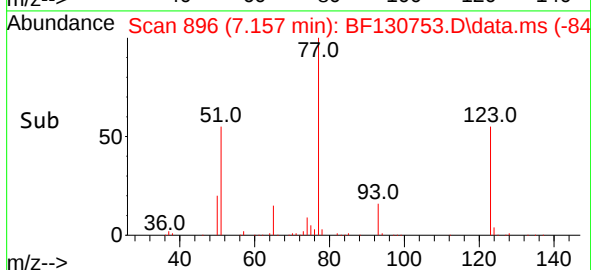
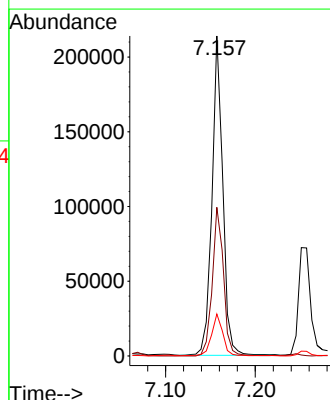
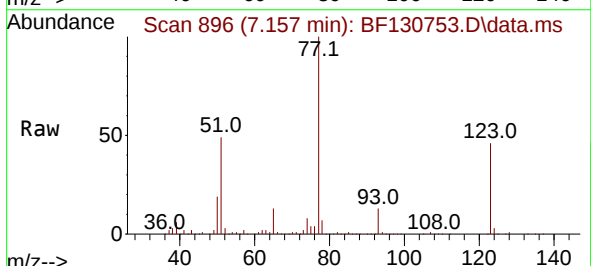
Delta R.T. 0.000 min

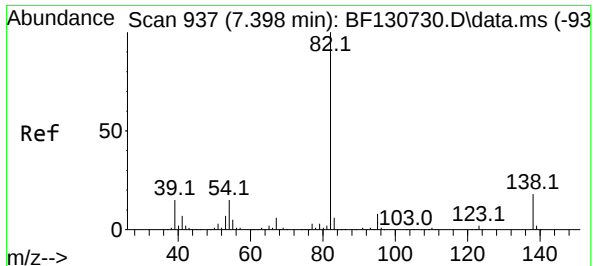
Lab File: BF130753.D

Acq: 21 Oct 2022 19:26

Tgt Ion: 77 Resp: 178734

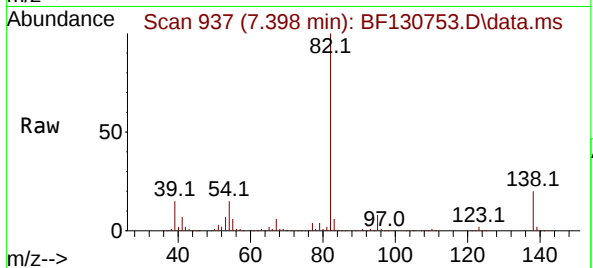
Ion	Ratio	Lower	Upper
77	100		
123	46.4	37.3	55.9
65	13.1	11.1	16.7





#25
Isophorone
Concen: 42.323 ng
RT: 7.398 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

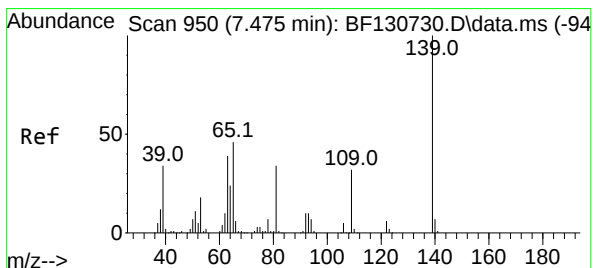
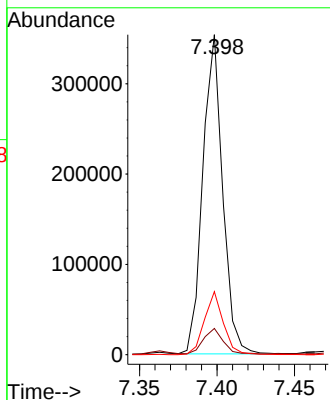
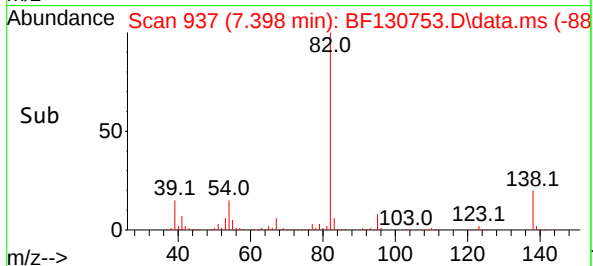
Instrument :
BNA_F
ClientSampleId :
EO-02-101822MS



Tgt Ion: 82 Resp: 31466
Ion Ratio Lower Upper
82 100
95 8.2 6.3 9.5
138 19.7 14.6 21.8

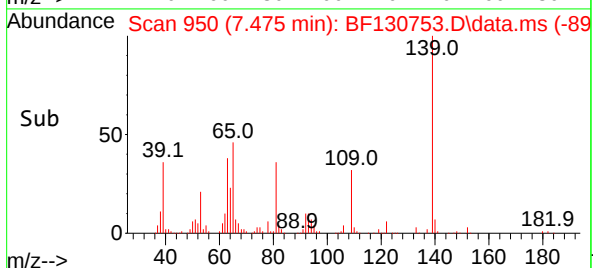
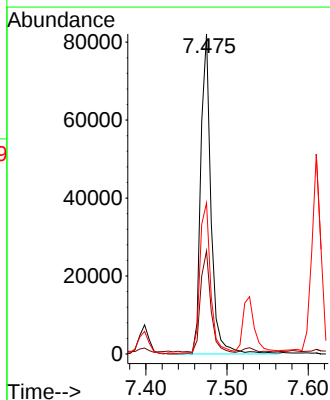
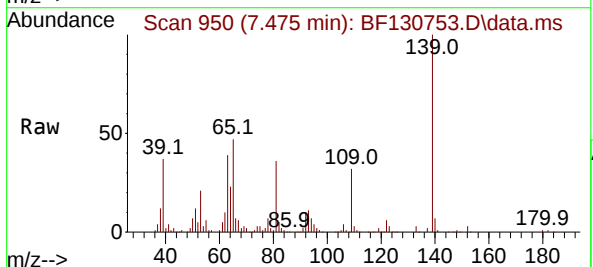
Manual Integrations
APPROVED

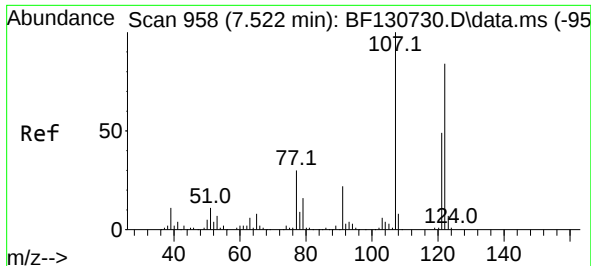
Reviewed By :Christian
Giraldo
10/24/2022
Supervised By :Jagrut
Upadhyay
10/24/2022



#26
2-Nitrophenol
Concen: 31.336 ng
RT: 7.475 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

Tgt Ion:139 Resp: 72121
Ion Ratio Lower Upper
139 100
109 32.2 25.4 38.2
65 47.2 36.6 54.8





#27

2,4-Dimethylphenol

Concen: 48.428 ng

RT: 7.528 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF130753.D

Acq: 21 Oct 2022 19:26

Instrument :

BNA_F

ClientSampleId :

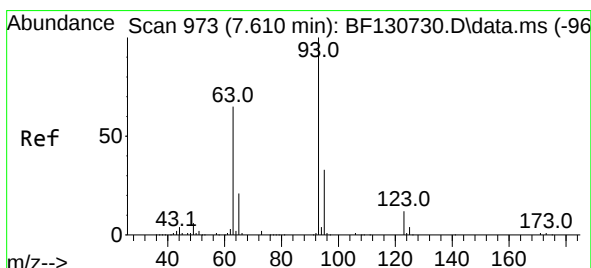
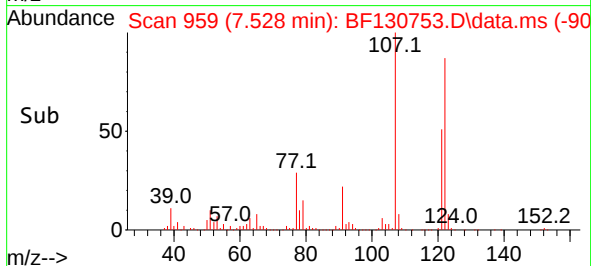
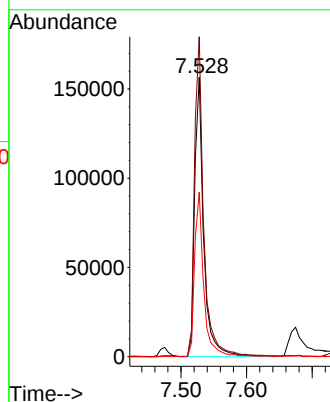
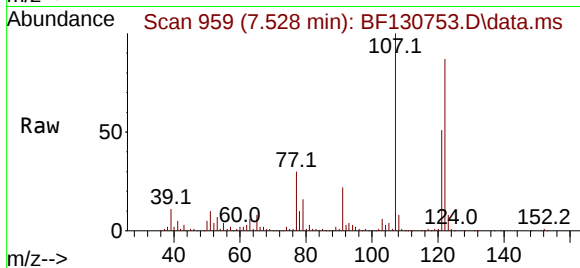
EO-02-101822MS

Tgt Ion:122 Resp: 150800
 Ion Ratio Lower Upper
 122 100
 107 114.6 95.4 143.0
 121 58.8 47.1 70.7

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo
 10/24/2022

Supervised By :Jagrut
 Upadhyay
 10/24/2022



#28

bis(2-Chloroethoxy)methane

Concen: 46.192 ng

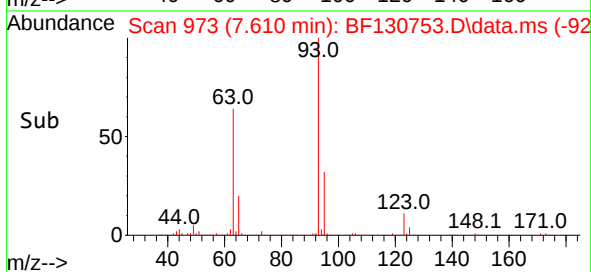
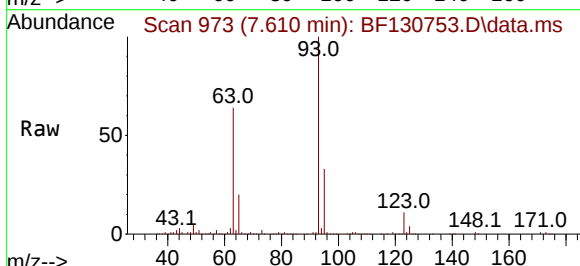
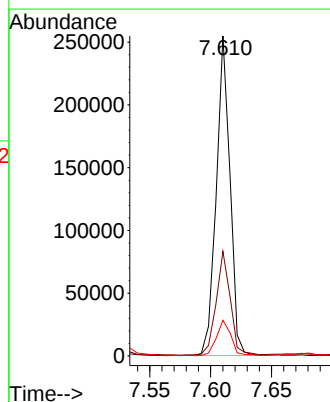
RT: 7.610 min Scan# 973

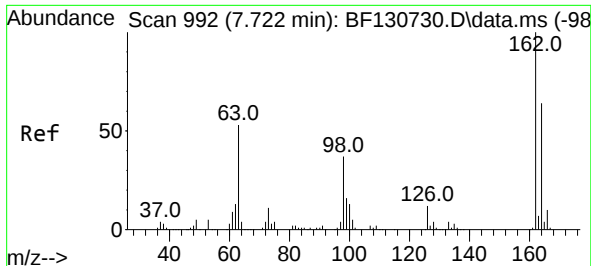
Delta R.T. 0.000 min

Lab File: BF130753.D

Acq: 21 Oct 2022 19:26

Tgt Ion: 93 Resp: 198935
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.4 39.6
 123 11.1 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 39.701 ng

RT: 7.728 min Scan# 992

Delta R.T. 0.006 min

Lab File: BF130753.D

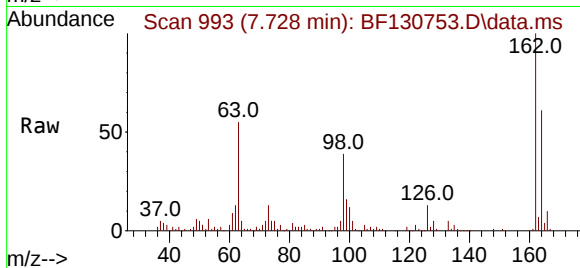
Acq: 21 Oct 2022 19:26

Instrument :

BNA_F

ClientSampleId :

EO-02-101822MS



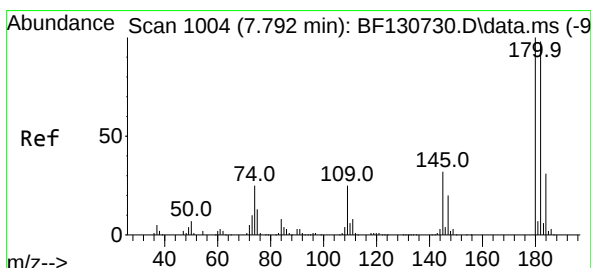
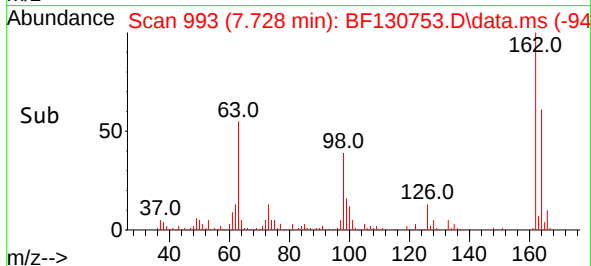
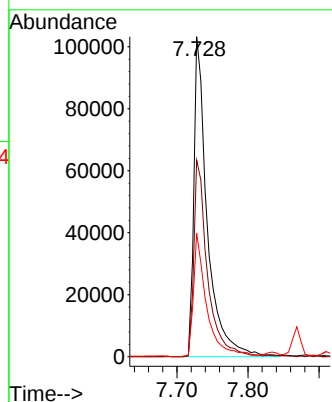
Tgt Ion:162 Resp: 136319

Ion	Ratio	Lower	Upper
162	100		
164	61.5	44.1	84.1
98	38.6	16.7	56.7

Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo
10/24/2022

Supervised By :Jagrut
Upadhyay
10/24/2022



#30

1,2,4-Trichlorobenzene

Concen: 40.448 ng

RT: 7.792 min Scan# 1004

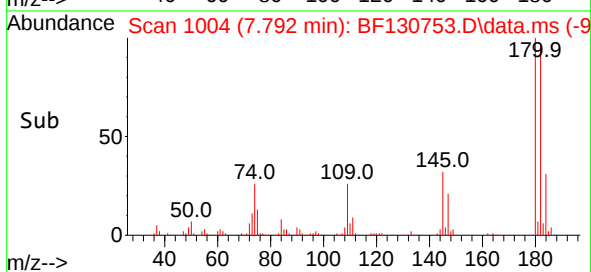
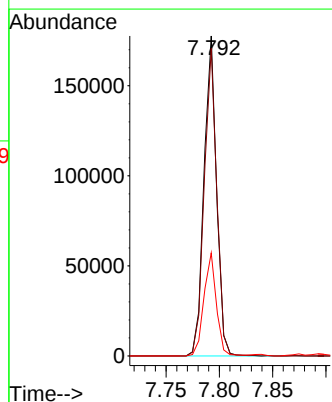
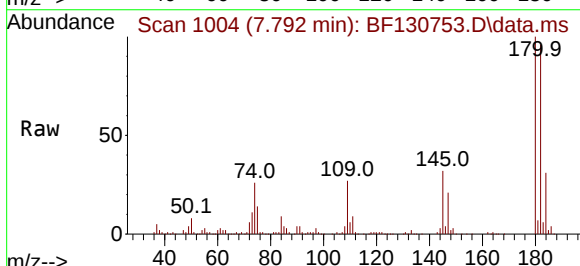
Delta R.T. 0.000 min

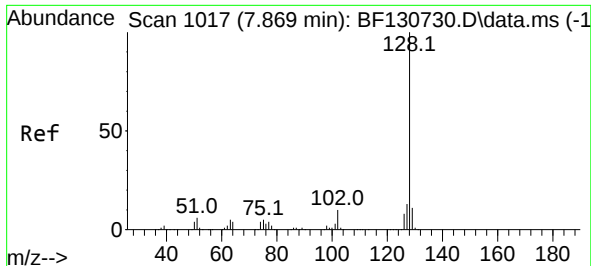
Lab File: BF130753.D

Acq: 21 Oct 2022 19:26

Tgt Ion:180 Resp: 145851

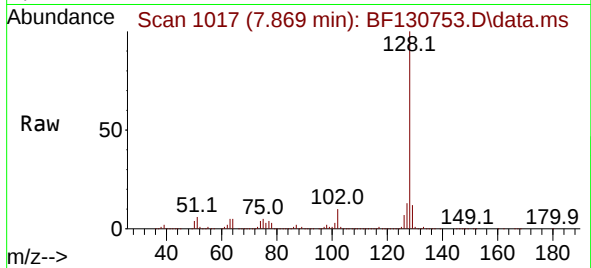
Ion	Ratio	Lower	Upper
180	100		
182	96.1	78.2	117.2
145	32.2	25.9	38.9





#31
Naphthalene
Concen: 40.172 ng
RT: 7.869 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

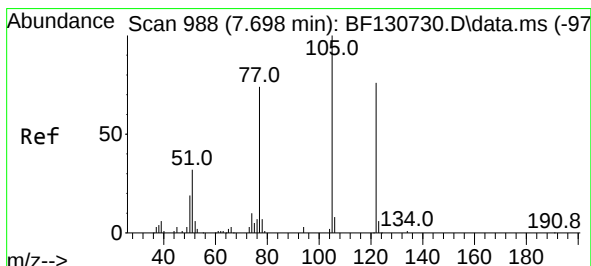
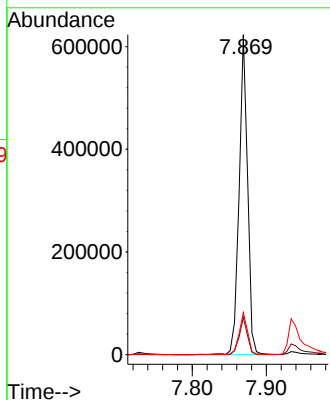
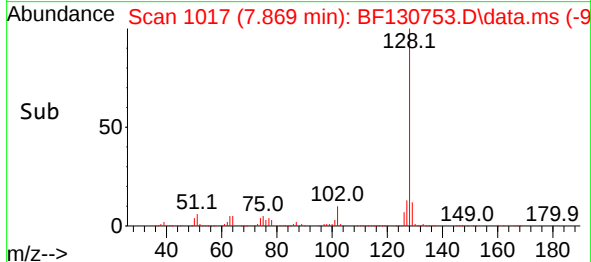
Instrument :
BNA_F
ClientSampleId :
EO-02-101822MS



Tgt Ion:128 Resp: 495830
Ion Ratio Lower Upper
128 100
129 11.7 8.9 13.3
127 13.1 10.6 16.0

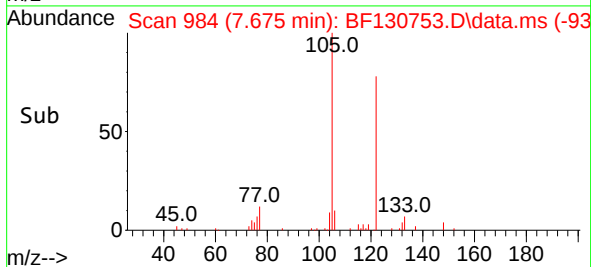
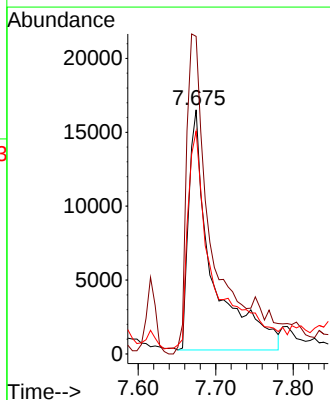
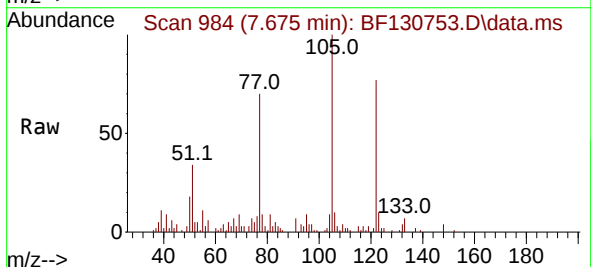
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APPROVED

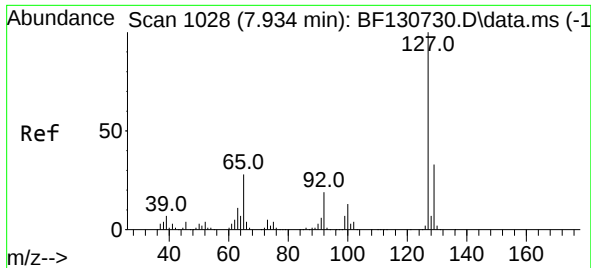
Reviewed By :Christian
Giraldo
10/24/2022
Supervised By :Jagrut
Upadhyay
10/24/2022



#32
Benzoic acid
Concen: 22.627 ng
RT: 7.675 min Scan# 984
Delta R.T. -0.023 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

Tgt Ion:122 Resp: 34241
Ion Ratio Lower Upper
122 100
105 130.1 109.2 149.2
77 91.3 75.7 115.7





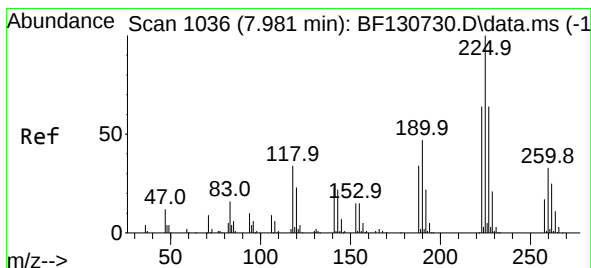
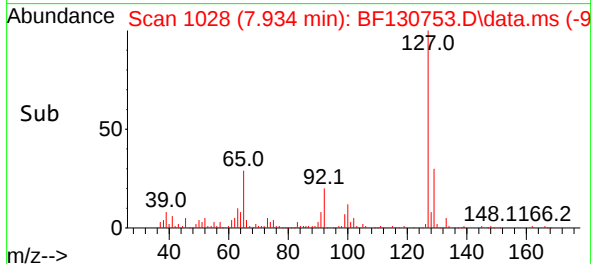
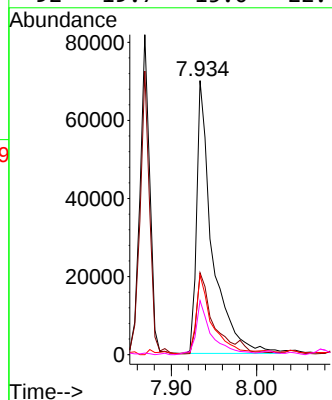
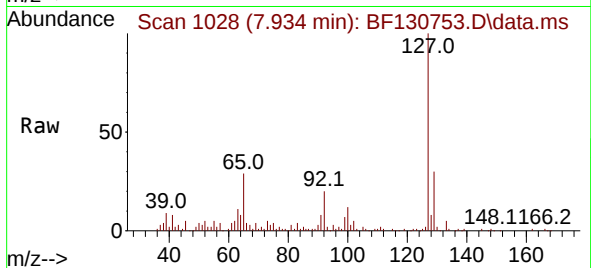
#33
4-Chloroaniline
Concen: 18.664 ng
RT: 7.934 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

Instrument :
BNA_F
ClientSampleId :
EO-02-101822MS

Tgt Ion:	127	Resp:	8862
Ion Ratio	Lower	Upper	
127	100		
129	29.9	26.2	39.4
65	29.0	22.6	33.8
92	19.7	15.0	22.4

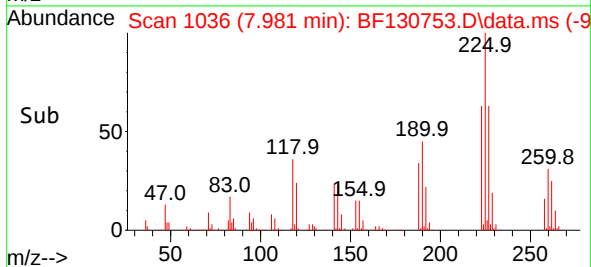
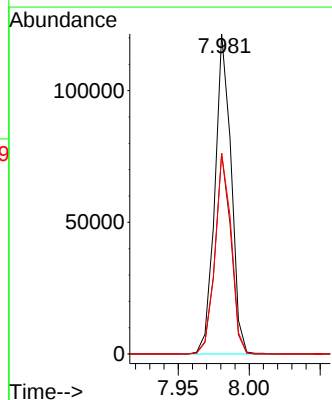
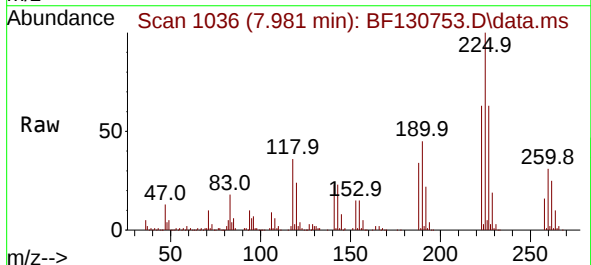
Manual Integrations
APPROVED

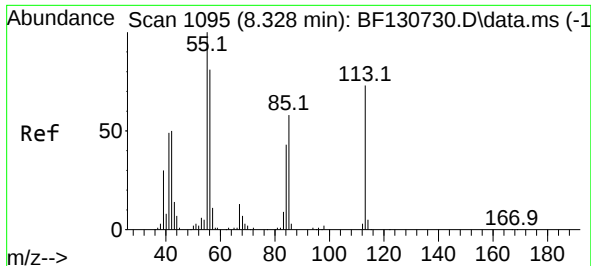
Reviewed By :Christian
Giraldo
10/24/2022
Supervised By :Jagrut
Upadhyay
10/24/2022



#34
Hexachlorobutadiene
Concen: 42.136 ng
RT: 7.981 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

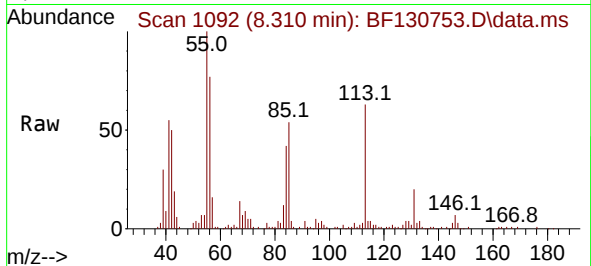
Tgt Ion:	225	Resp:	96597
Ion Ratio	Lower	Upper	
225	100		
223	62.7	51.0	76.6
227	62.7	51.3	76.9





#35
Caprolactam
Concen: 37.736 ng
RT: 8.310 min Scan# 1092
Delta R.T. -0.018 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

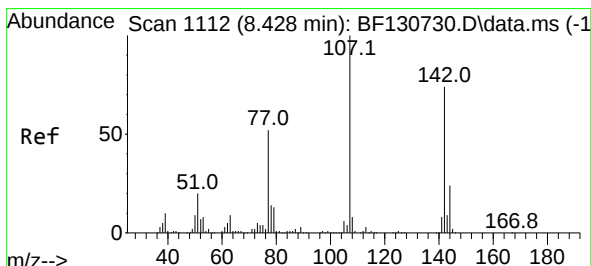
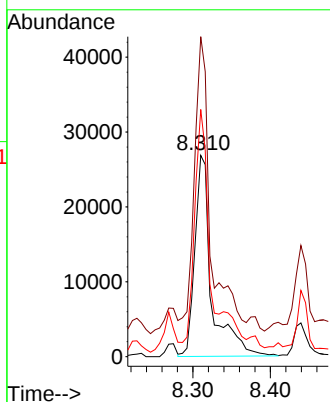
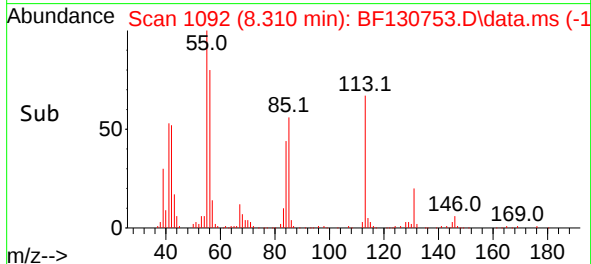
Instrument :
BNA_F
ClientSampleId :
EO-02-101822MS



Tgt Ion:113 Resp: 40490
Ion Ratio Lower Upper
113 100
55 159.0 116.4 156.4
56 122.8 91.0 131.0

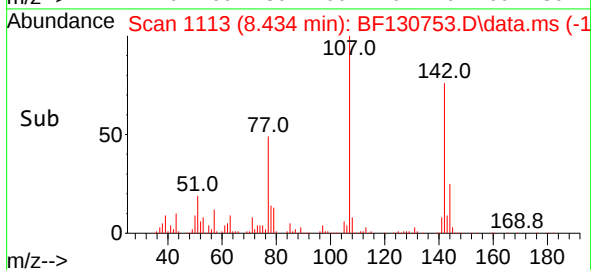
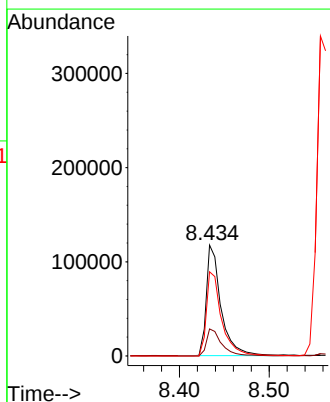
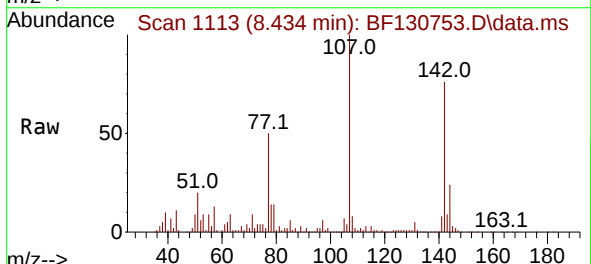
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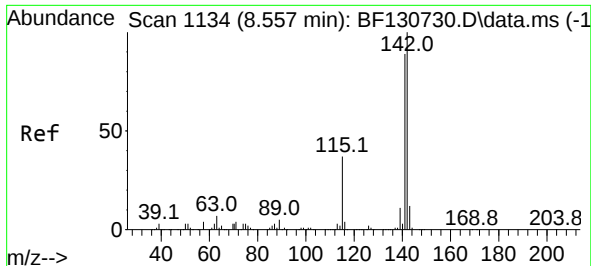
Reviewed By :Christian
Giraldo
10/24/2022
Supervised By :Jagrut
Upadhyay
10/24/2022



#36
4-Chloro-3-methylphenol
Concen: 35.938 ng
RT: 8.434 min Scan# 1113
Delta R.T. 0.006 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

Tgt Ion:107 Resp: 133367
Ion Ratio Lower Upper
107 100
144 24.4 19.0 28.4
142 75.9 59.6 89.4





#37
2-Methylnaphthalene
Concen: 37.721 ng
RT: 8.557 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

Instrument :

BNA_F

ClientSampleId :

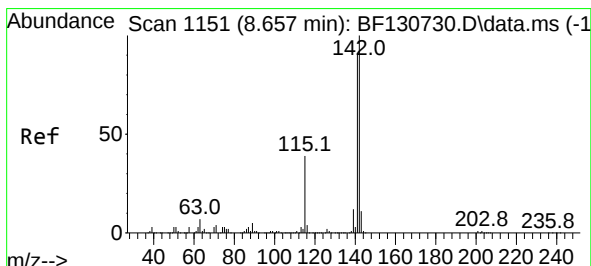
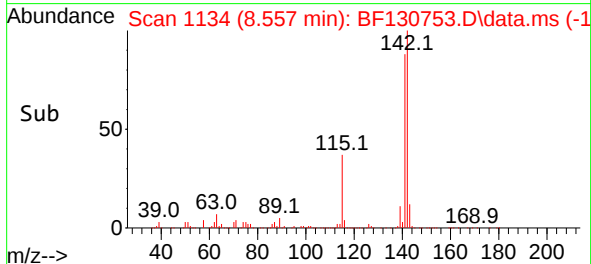
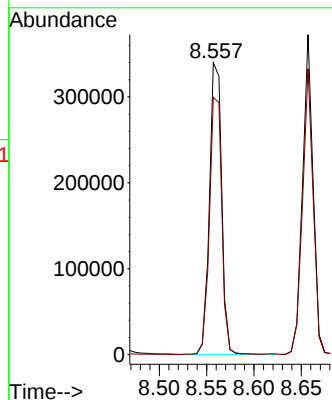
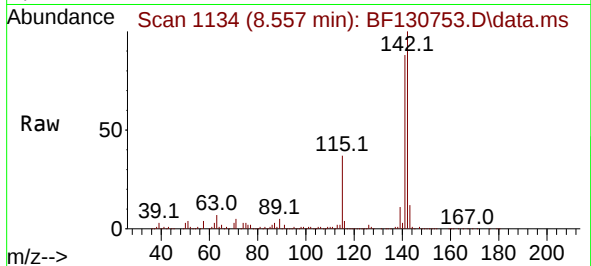
EO-02-101822MS

Tgt Ion:142 Resp: 305050
Ion Ratio Lower Upper
142 100
141 88.1 71.0 106.4

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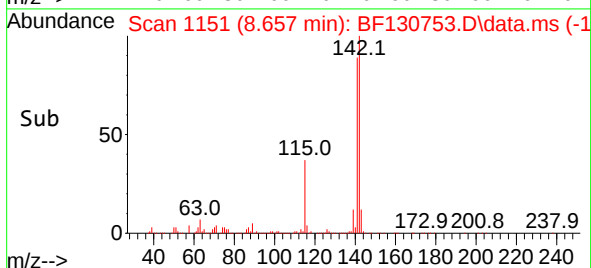
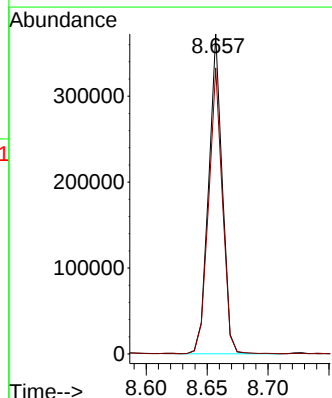
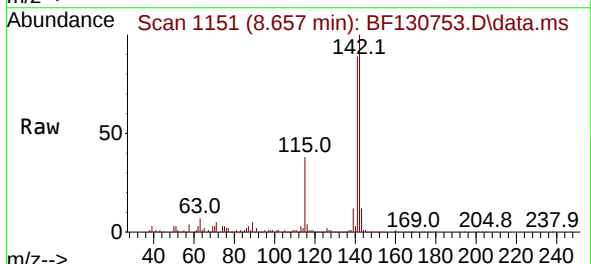
Reviewed By :Christian
Giraldo
10/24/2022

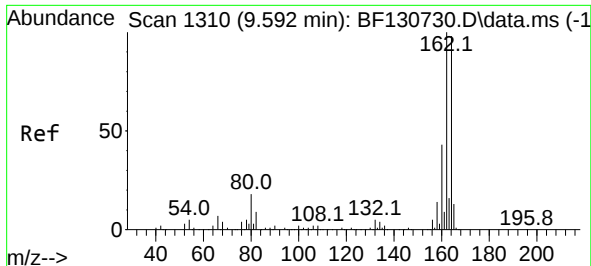
Supervised By :Jagrut
Upadhyay
10/24/2022



#38
1-Methylnaphthalene
Concen: 35.957 ng
RT: 8.657 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

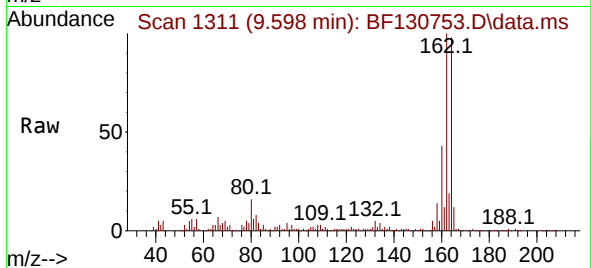
Tgt Ion:142 Resp: 288299
Ion Ratio Lower Upper
142 100
141 89.4 73.0 109.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.598 min Scan# 1163
Delta R.T. 0.006 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

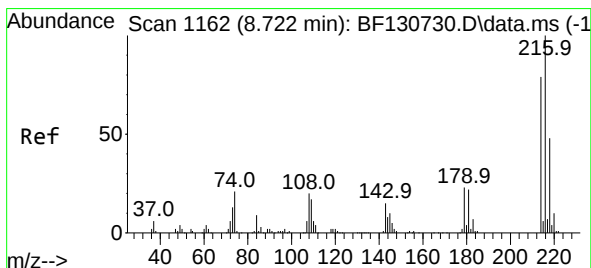
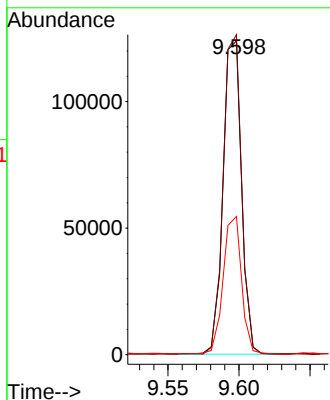
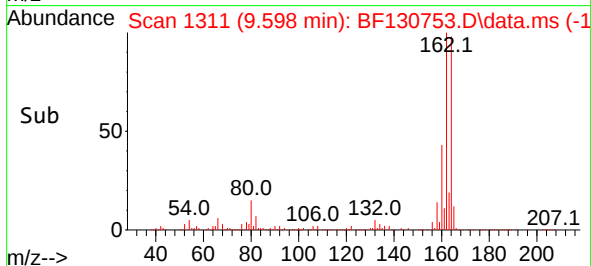
Instrument :
BNA_F
ClientSampleId :
EO-02-101822MS



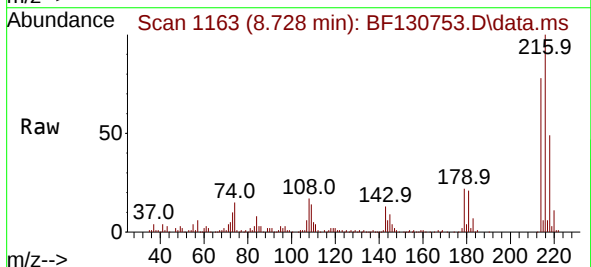
Tgt Ion:164 Resp: 11153
Ion Ratio Lower Upper
164 100
162 102.0 81.4 122.0
160 44.1 35.0 52.4

Manual Integrations
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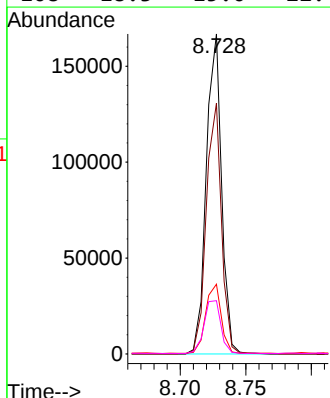
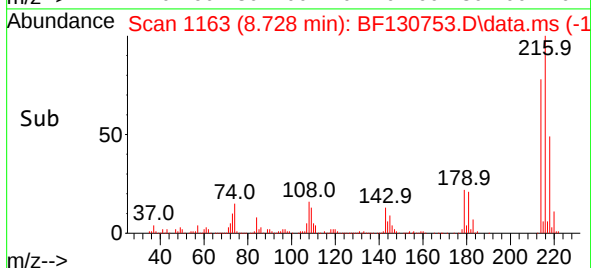
Reviewed By :Christian
Giraldo
10/24/2022
Supervised By :Jagrut
Upadhyay
10/24/2022

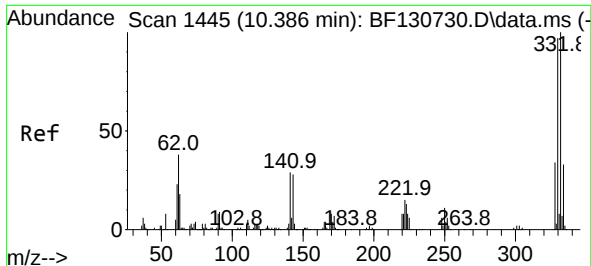


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.788 ng
RT: 8.728 min Scan# 1163
Delta R.T. 0.006 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26



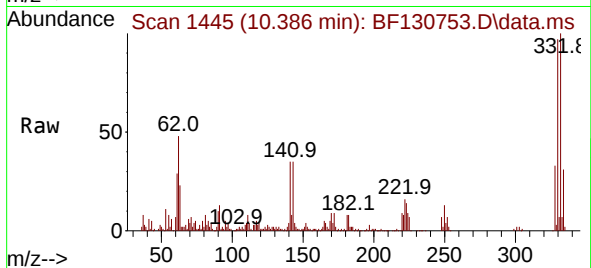
Tgt Ion:216 Resp: 135511
Ion Ratio Lower Upper
216 100
214 78.0 63.0 94.4
179 22.3 18.1 27.1
108 18.3 15.0 22.4





#42
2,4,6-Tribromophenol
Concen: 88.522 ng
RT: 10.386 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

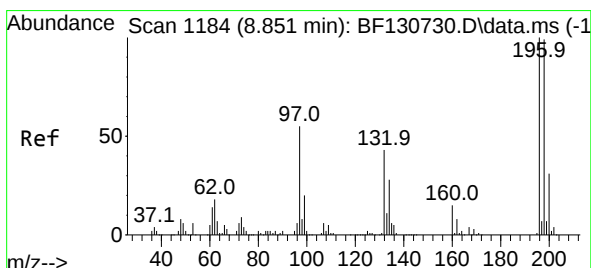
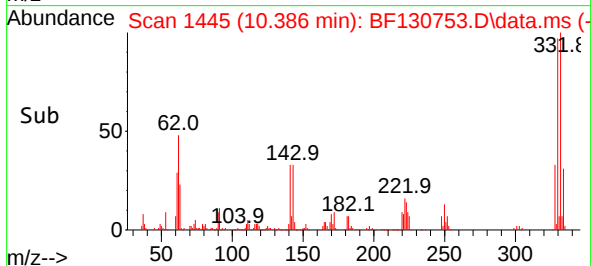
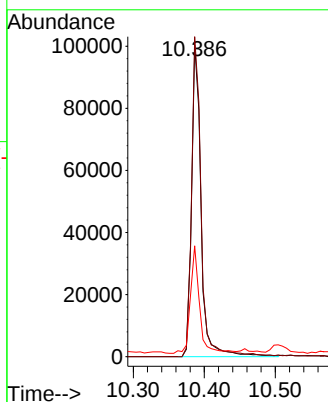
Instrument :
BNA_F
ClientSampleId :
EO-02-101822MS



Tgt Ion: 330 Resp: 9389
Ion Ratio Lower Upper
330 100
332 103.5 81.4 122.2
141 33.1 24.6 37.0

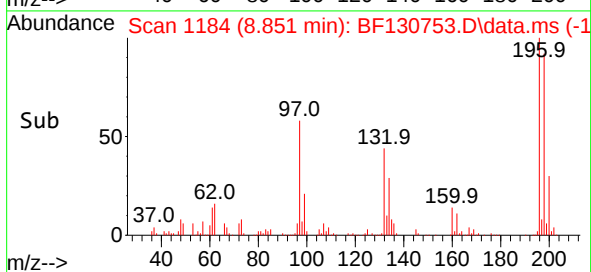
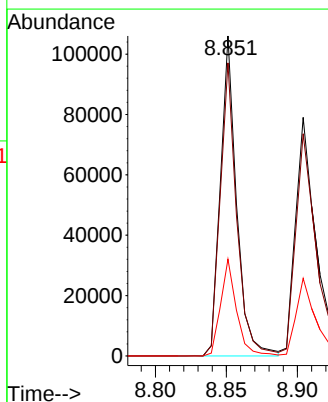
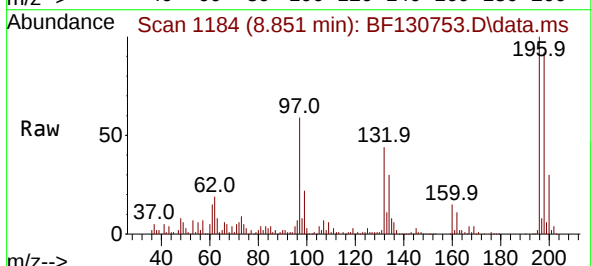
Manual Integrations
APPROVED

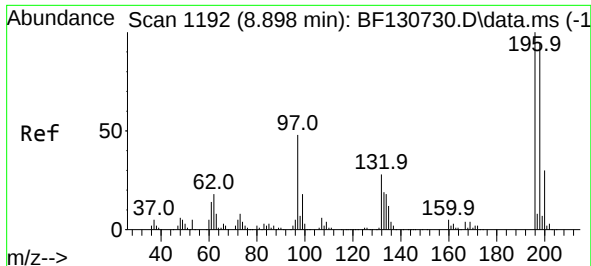
Reviewed By : Christian
Giraldo
10/24/2022
Supervised By : Jagrut
Upadhyay
10/24/2022



#43
2,4,6-Trichlorophenol
Concen: 45.108 ng
RT: 8.851 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

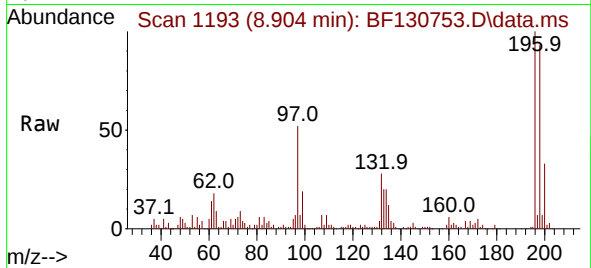
Tgt Ion: 196 Resp: 84019
Ion Ratio Lower Upper
196 100
198 91.6 78.9 118.3
200 30.3 25.0 37.4





#44
2,4,5-Trichlorophenol
Concen: 41.930 ng
RT: 8.904 min Scan# 1192
Delta R.T. 0.006 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

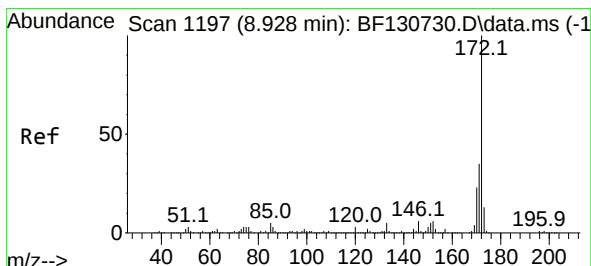
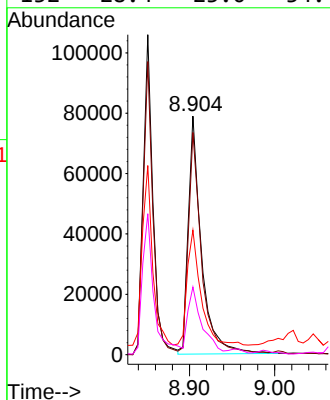
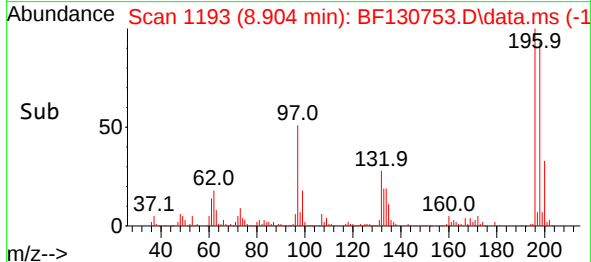
Instrument :
BNA_F
ClientSampleId :
EO-02-101822MS



Tgt Ion:196 Resp: 84939
Ion Ratio Lower Upper
196 100
198 93.2 75.1 112.7
97 52.2 38.7 58.1
132 28.4 23.0 34.4

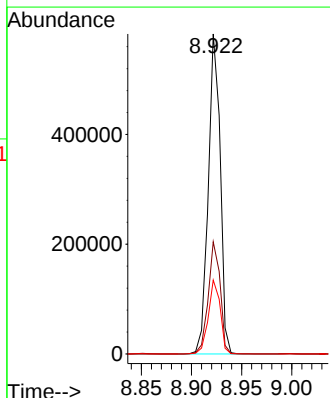
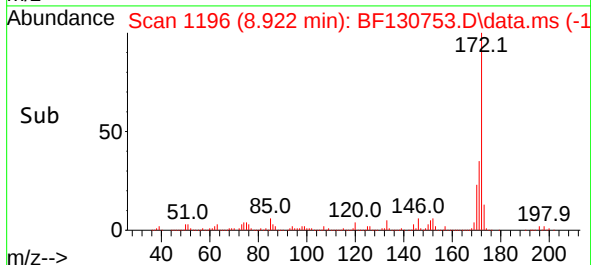
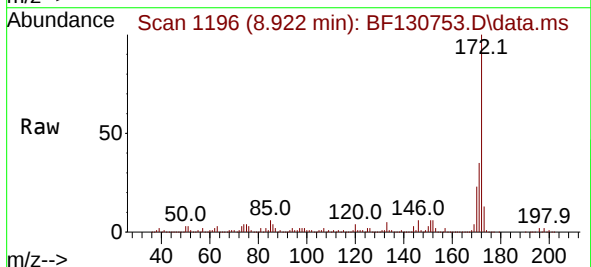
Manual Integrations
APPROVED

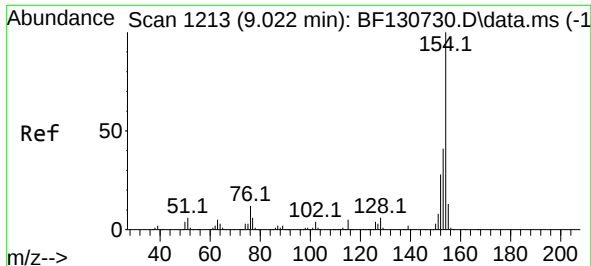
Reviewed By :Christian
Giraldo
10/24/2022
Supervised By :Jagrut
Upadhyay
10/24/2022



#45
2-Fluorobiphenyl
Concen: 66.215 ng
RT: 8.922 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

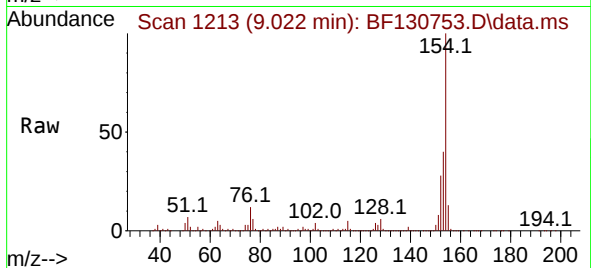
Tgt Ion:172 Resp: 484605
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.2
170 23.1 18.5 27.7





#46
1,1'-Biphenyl
Concen: 46.563 ng
RT: 9.022 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

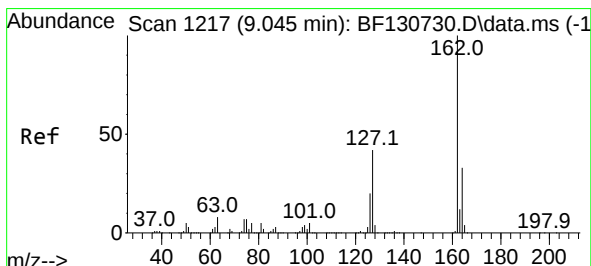
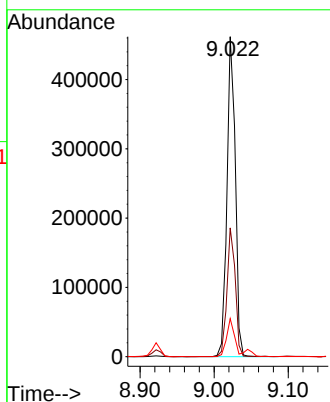
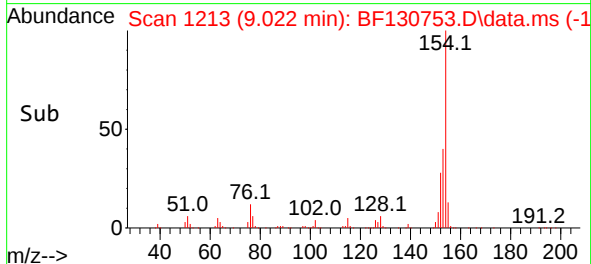
Instrument :
BNA_F
ClientSampleId :
EO-02-101822MS



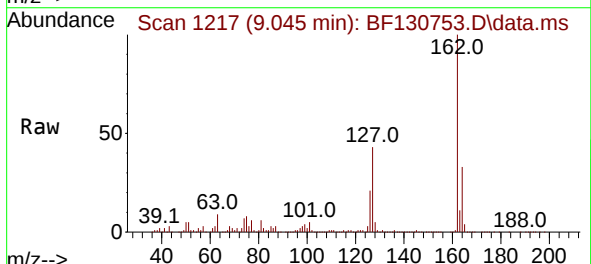
Tgt Ion:154 Resp: 362220
Ion Ratio Lower Upper
154 100
153 40.3 20.7 60.7
76 11.9 0.0 31.7

Manual Integrations
APPROVED

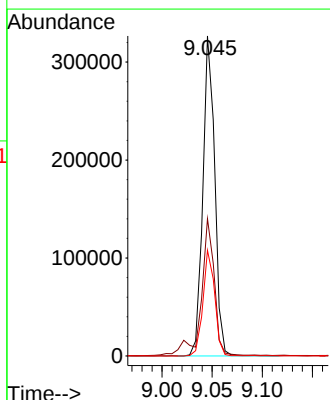
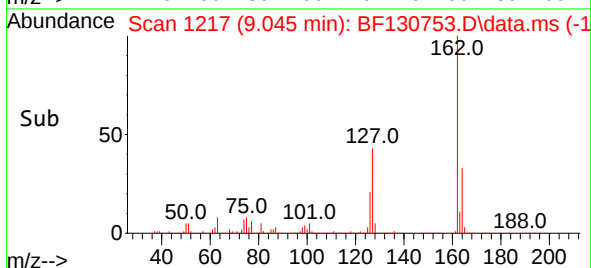
Reviewed By :Christian
Giraldo
10/24/2022
Supervised By :Jagrut
Upadhyay
10/24/2022

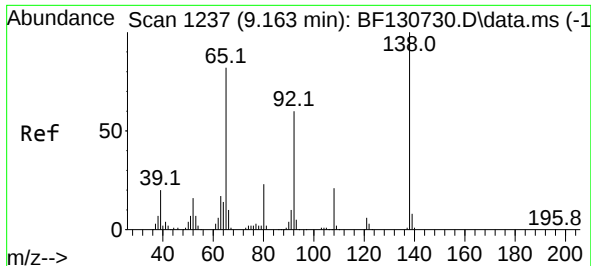


#47
2-Chloronaphthalene
Concen: 41.911 ng
RT: 9.045 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26



Tgt Ion:162 Resp: 271130
Ion Ratio Lower Upper
162 100
127 42.9 34.0 51.0
164 33.0 26.5 39.7





#48
2-Nitroaniline
Concen: 44.451 ng
RT: 9.157 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

Instrument :

BNA_F

ClientSampleId :

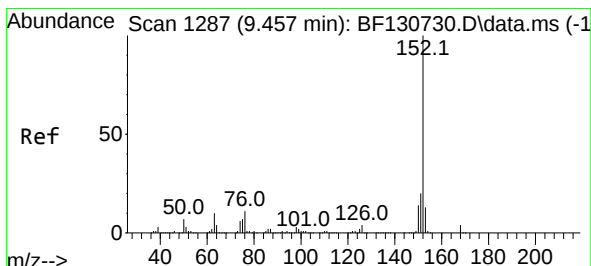
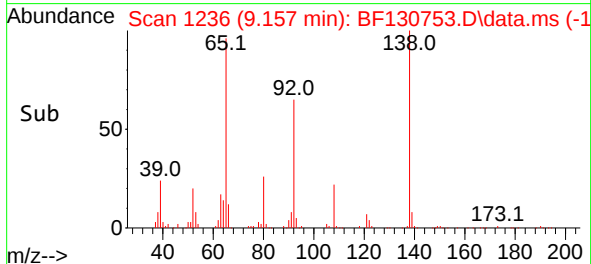
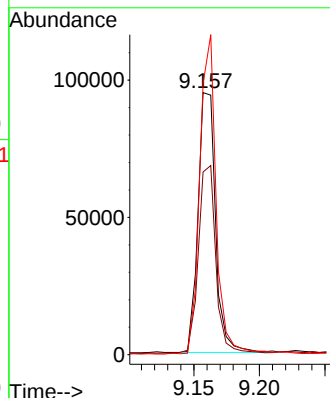
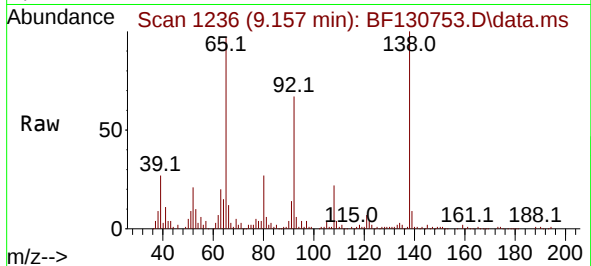
EO-02-101822MS

Tgt Ion: 65 Resp: 8826
Ion Ratio Lower Upper
65 100
92 69.7 58.6 88.0
138 103.3 97.0 145.6

Manual Integrations
APPROVED

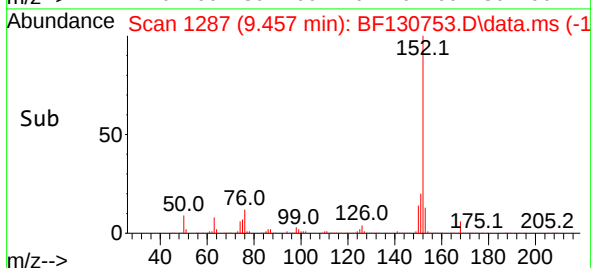
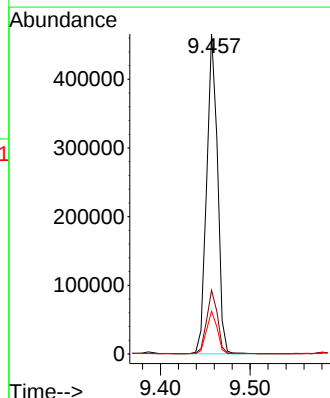
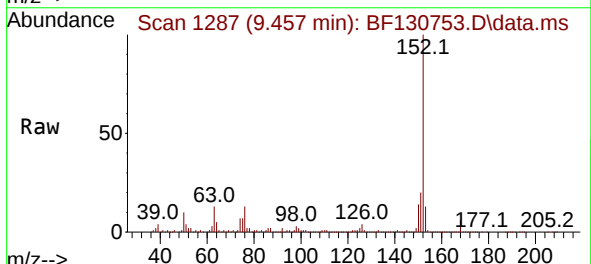
Reviewed By :Christian
Giraldo
10/24/2022

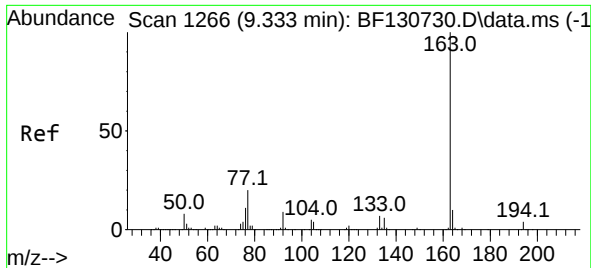
Supervised By :Jagrut
Upadhyay
10/24/2022



#49
Acenaphthylene
Concen: 40.968 ng
RT: 9.457 min Scan# 1287
Delta R.T. 0.000 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

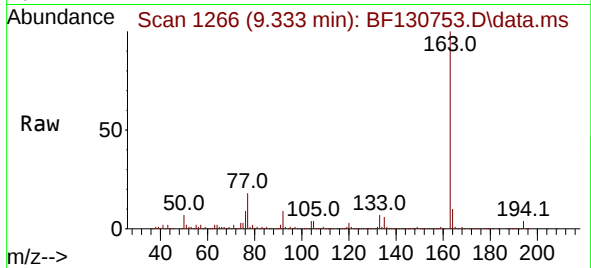
Tgt Ion:152 Resp: 390508
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.3 10.5 15.7





#50
Dimethylphthalate
Concen: 44.416 ng
RT: 9.333 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

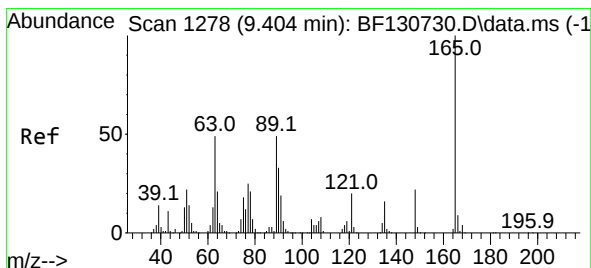
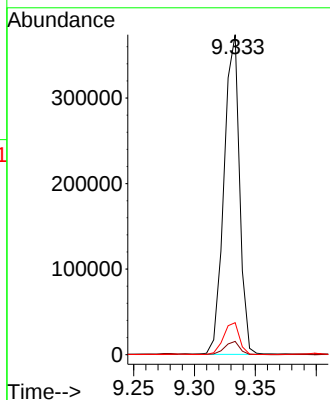
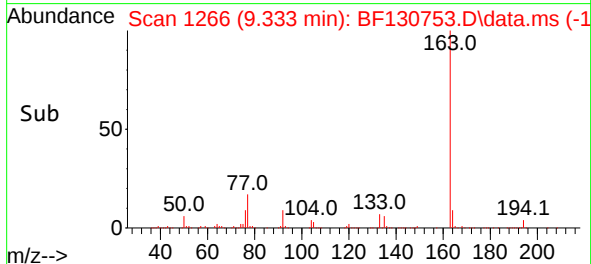
Instrument :
BNA_F
ClientSampleId :
EO-02-101822MS



Tgt Ion:163 Resp: 33321
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.0 8.1 12.1

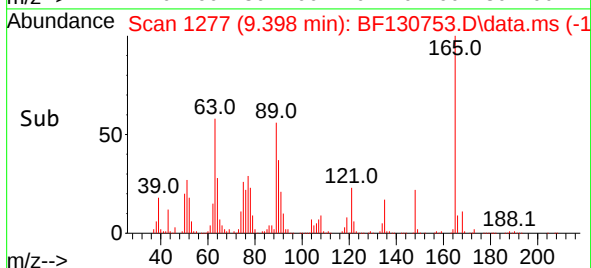
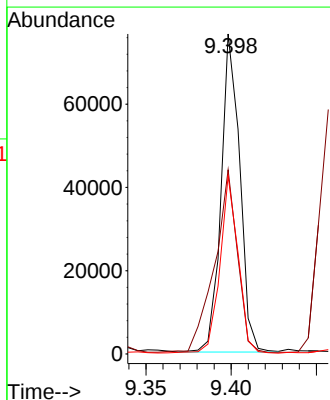
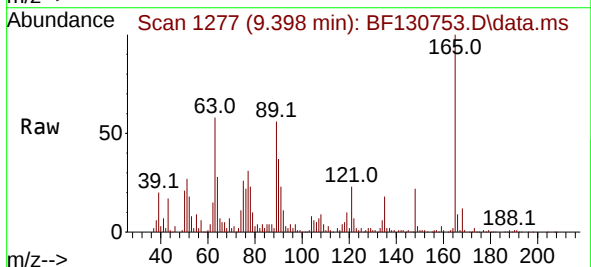
Manual Integrations
APPROVED

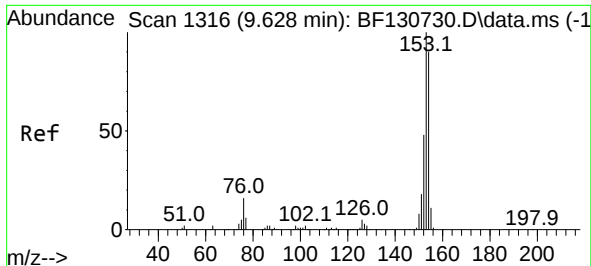
Reviewed By :Christian
Giraldo
10/24/2022
Supervised By :Jagrut
Upadhyay
10/24/2022



#51
2,6-Dinitrotoluene
Concen: 34.705 ng
RT: 9.398 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

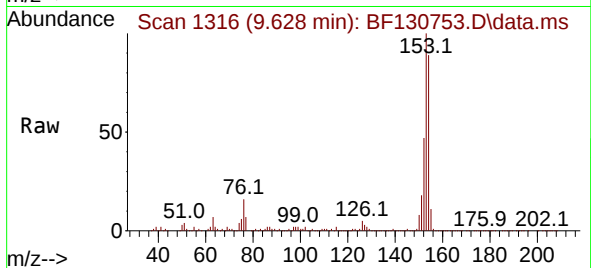
Tgt Ion:165 Resp: 58304
Ion Ratio Lower Upper
165 100
63 57.6 38.8 58.2
89 55.7 39.4 59.2





#52
Acenaphthene
Concen: 42.628 ng
RT: 9.628 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

Instrument :
BNA_F
ClientSampleId :
EO-02-101822MS

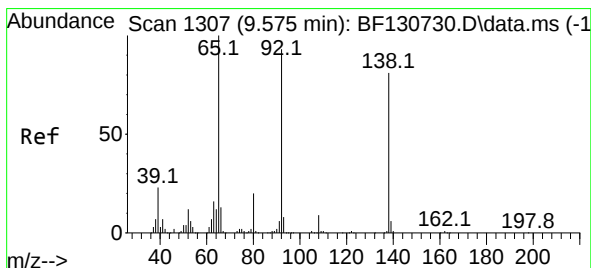
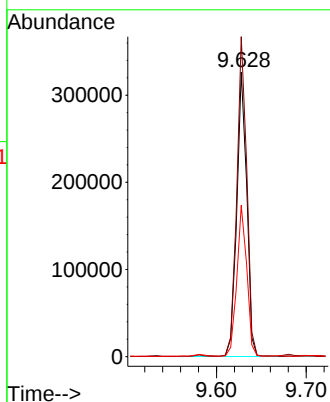
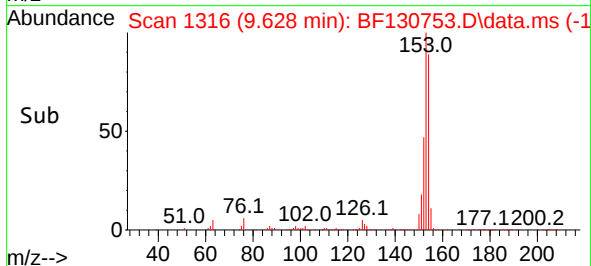


Tgt Ion:154 Resp: 25256
Ion Ratio Lower Upper
154 100
153 112.4 88.4 132.6
152 53.2 42.0 63.0

Manual Integrations
APPROVED

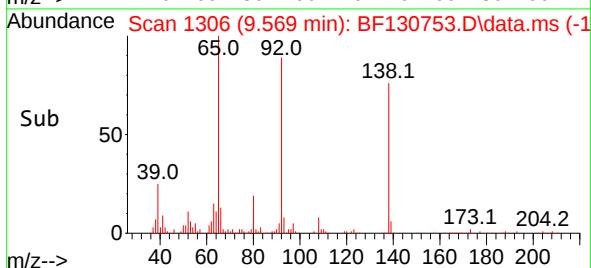
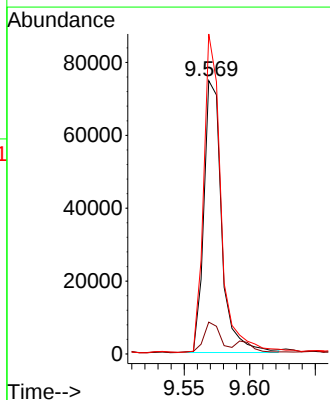
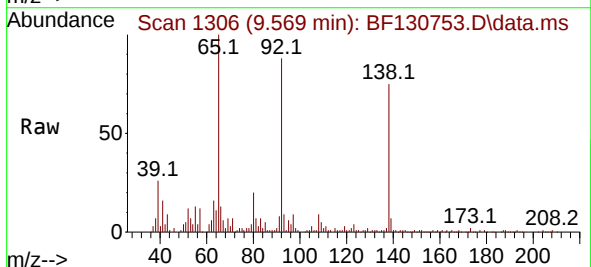
Reviewed By :Christian
Giraldo
10/24/2022

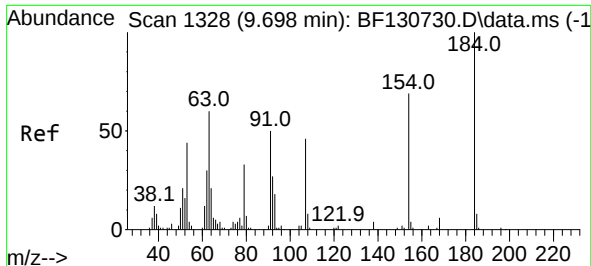
Supervised By :Jagrut
Upadhyay
10/24/2022



#53
3-Nitroaniline
Concen: 36.933 ng
RT: 9.569 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

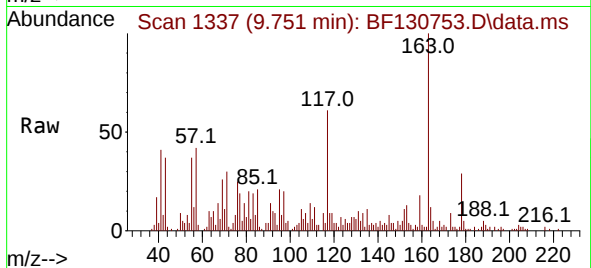
Tgt Ion:138 Resp: 70700
Ion Ratio Lower Upper
138 100
108 11.7 9.0 13.6
92 117.1 91.6 137.4





#54
2,4-Dinitrophenol
Concen: 10.156 ng m
RT: 9.751 min Scan# 11
Delta R.T. 0.053 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

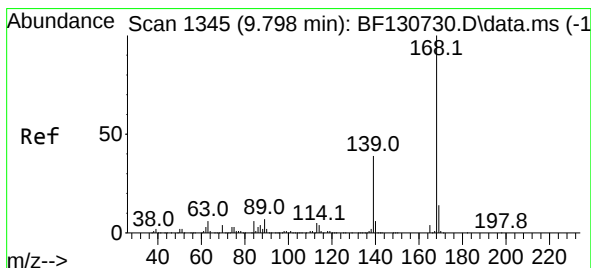
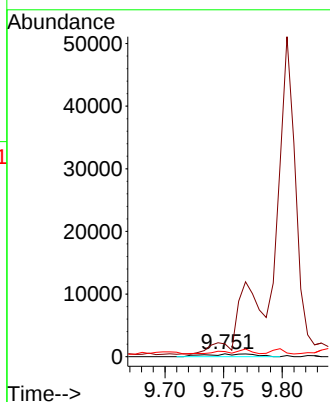
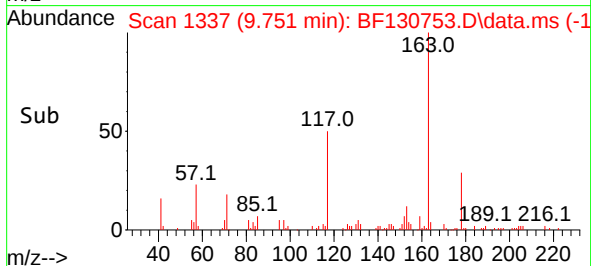
Instrument :
BNA_F
ClientSampleId :
EO-02-101822MS



Tgt Ion:184 Resp: 124
Ion Ratio Lower Upper
184 100
63 453.0 47.7 71.5
154 182.2 55.0 82.4

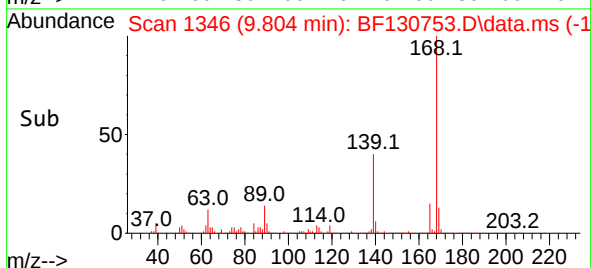
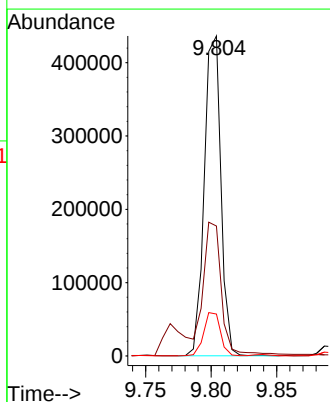
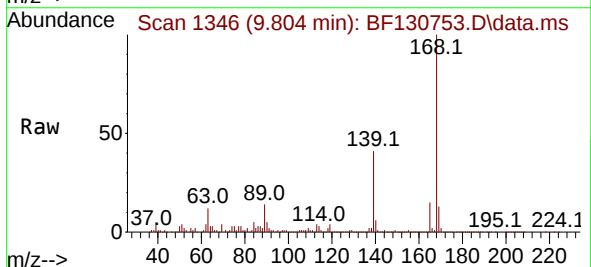
Manual Integrations
APPROVED

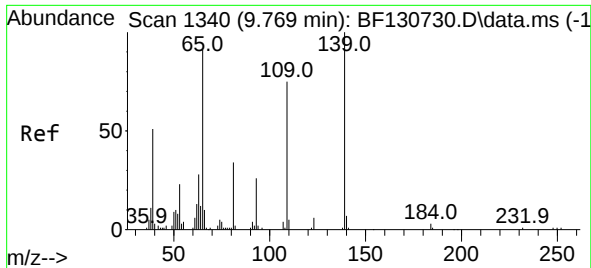
Reviewed By :Christian
Giraldo
10/24/2022
Supervised By :Jagrut
Upadhyay
10/24/2022



#55
Dibenzofuran
Concen: 42.303 ng
RT: 9.804 min Scan# 1346
Delta R.T. 0.006 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

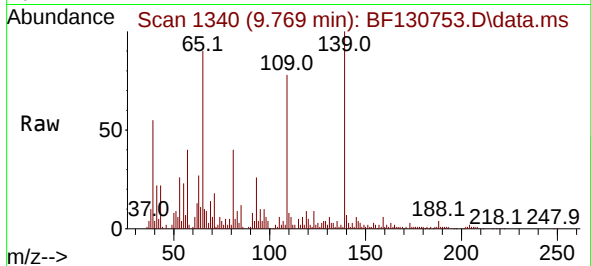
Tgt Ion:168 Resp: 385784
Ion Ratio Lower Upper
168 100
139 40.6 34.3 51.5
169 13.1 11.0 16.6





#56
4-Nitrophenol
Concen: 83.162 ng
RT: 9.769 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

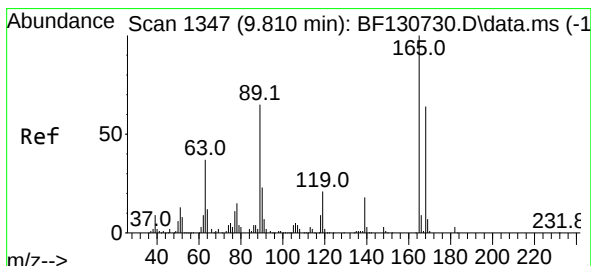
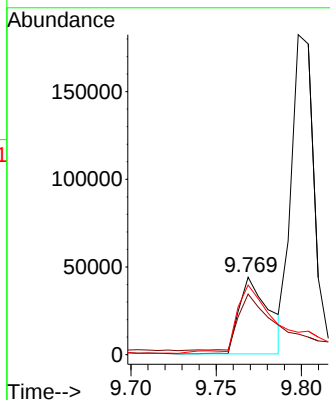
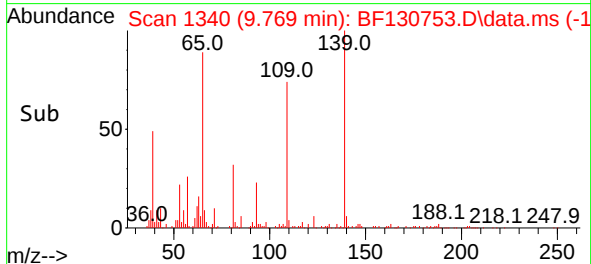
Instrument :
BNA_F
ClientSampleId :
EO-02-101822MS



Tgt Ion:139 Resp: 52534
Ion Ratio Lower Upper
139 100
109 78.3 55.1 95.1
65 89.9 72.2 112.2

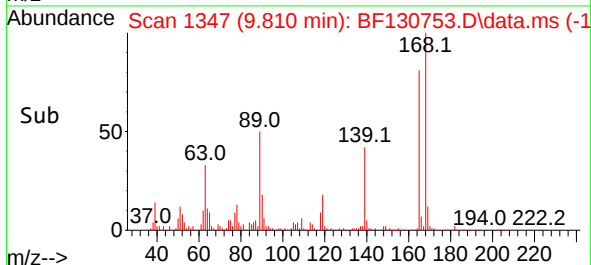
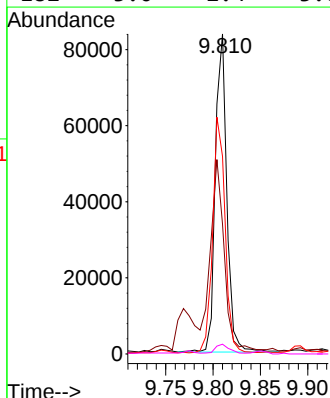
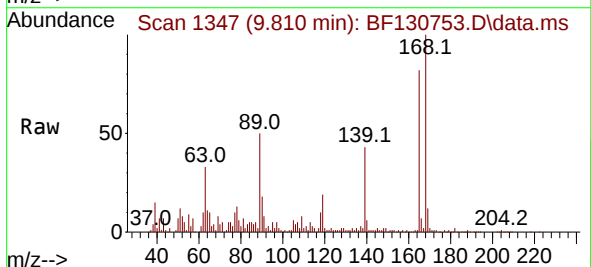
Manual Integrations
APPROVED

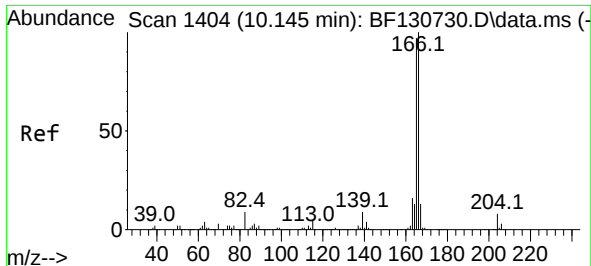
Reviewed By :Christian
Giraldo
10/24/2022
Supervised By :Jagrut
Upadhyay
10/24/2022



#57
2,4-Dinitrotoluene
Concen: 31.106 ng
RT: 9.810 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

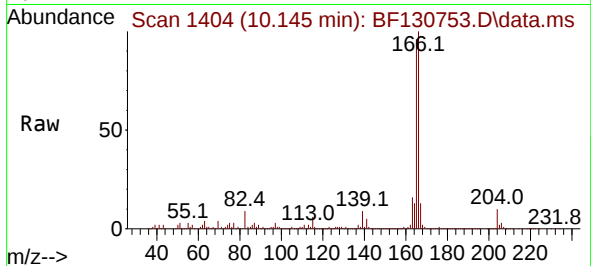
Tgt Ion:165 Resp: 70394
Ion Ratio Lower Upper
165 100
63 40.5 32.6 49.0
89 61.8 51.9 77.9
182 3.0 2.4 3.6





#58
Fluorene
Concen: 41.435 ng
RT: 10.145 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

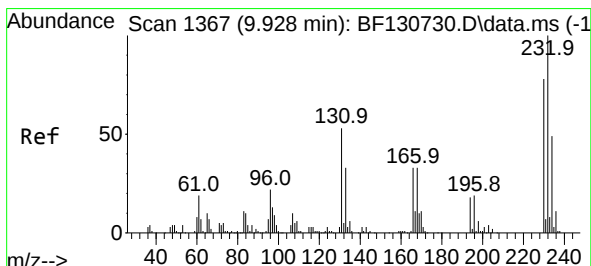
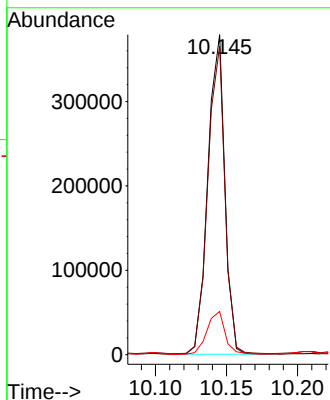
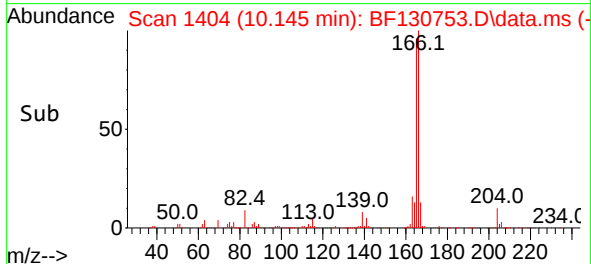
Instrument :
BNA_F
ClientSampleId :
EO-02-101822MS



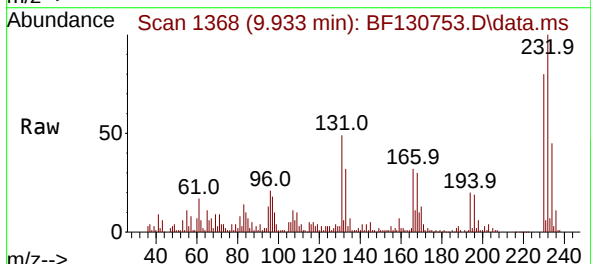
Tgt Ion:166 Resp: 31426
Ion Ratio Lower Upper
166 100
165 96.5 77.6 116.4
167 13.5 10.3 15.5

Manual Integrations
APPROVED

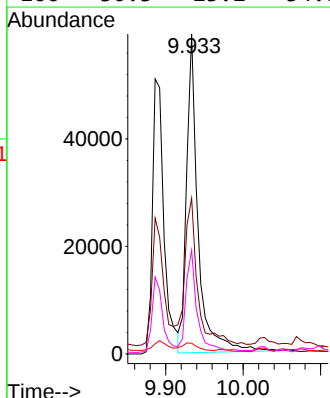
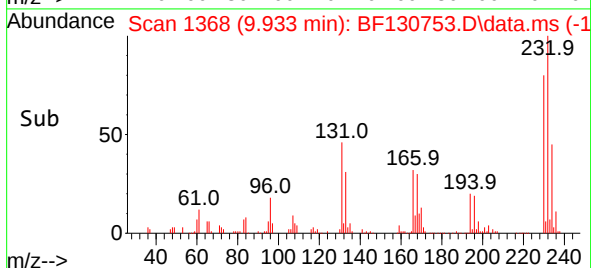
Reviewed By :Christian
Giraldo
10/24/2022
Supervised By :Jagrut
Upadhyay
10/24/2022

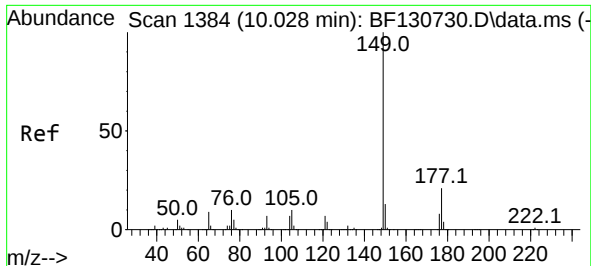


#59
2,3,4,6-Tetrachlorophenol
Concen: 37.798 ng
RT: 9.933 min Scan# 1368
Delta R.T. 0.006 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26



Tgt Ion:232 Resp: 60872
Ion Ratio Lower Upper
232 100
131 53.5 37.7 56.5
130 3.1 1.9 2.9#
166 30.3 23.2 34.8





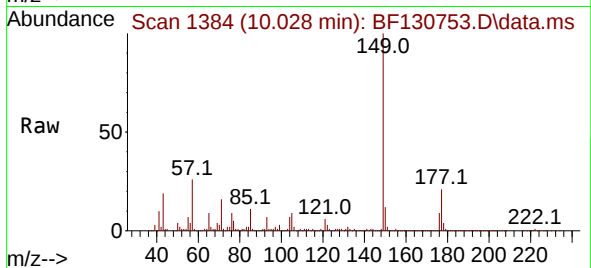
#60
Diethylphthalate
Concen: 40.658 ng
RT: 10.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

Instrument :

BNA_F

ClientSampleId :

EO-02-101822MS

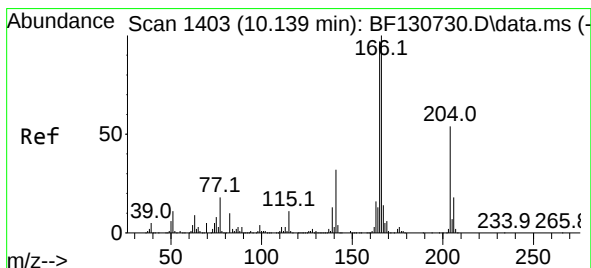
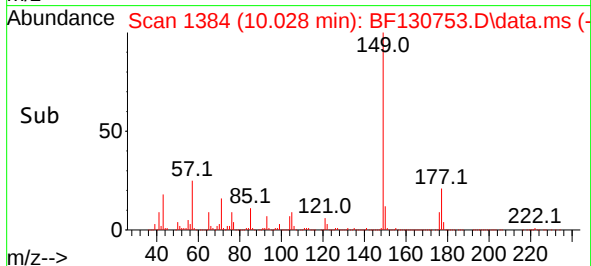
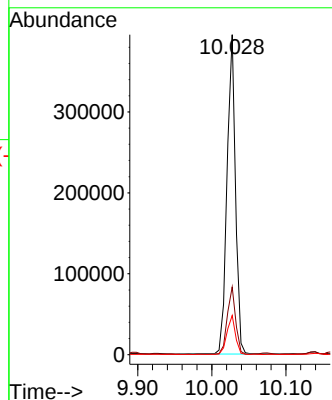


Tgt Ion:149 Resp: 31470
Ion Ratio Lower Upper
149 100
177 21.2 17.2 25.8
150 12.3 10.2 15.4

Manual Integrations
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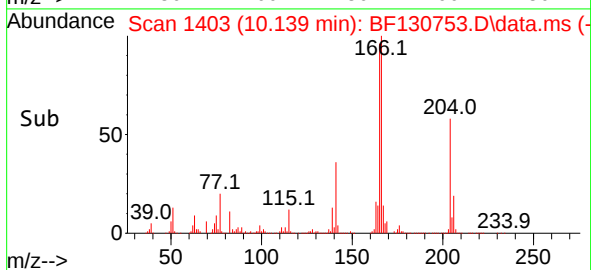
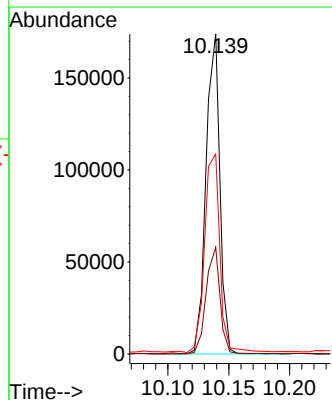
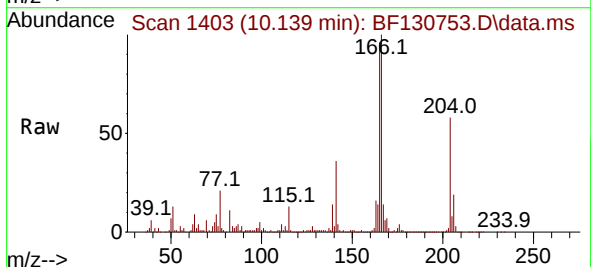
Reviewed By :Christian
Giraldo
10/24/2022

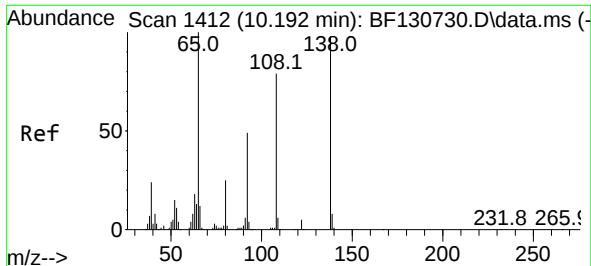
Supervised By :Jagrut
Upadhyay
10/24/2022



#61
4-Chlorophenyl-phenylether
Concen: 40.489 ng
RT: 10.139 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

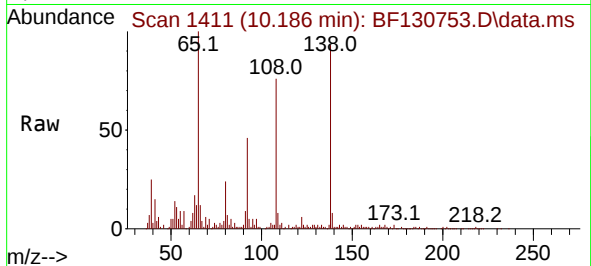
Tgt Ion:204 Resp: 137641
Ion Ratio Lower Upper
204 100
206 33.3 26.9 40.3
141 62.5 47.7 71.5





#62
4-Nitroaniline
Concen: 39.509 ng
RT: 10.186 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

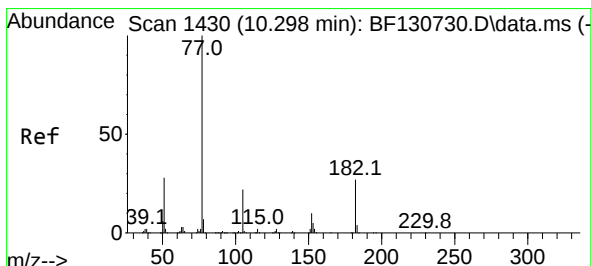
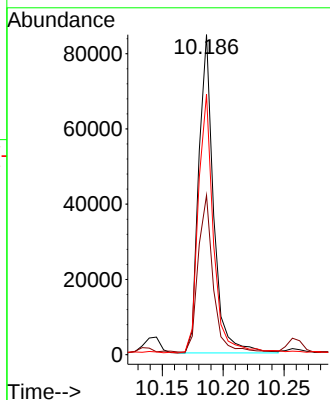
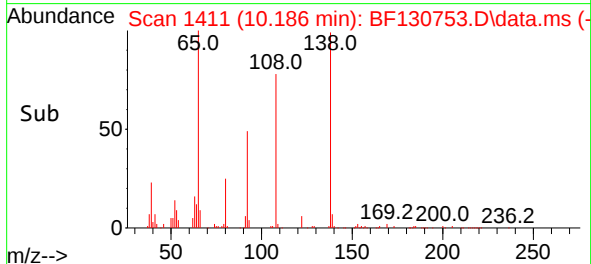
Instrument :
BNA_F
ClientSampleId :
EO-02-101822MS



Tgt Ion:138 Resp: 71740
Ion Ratio Lower Upper
138 100
92 49.8 30.2 70.2
108 81.3 61.1 101.1

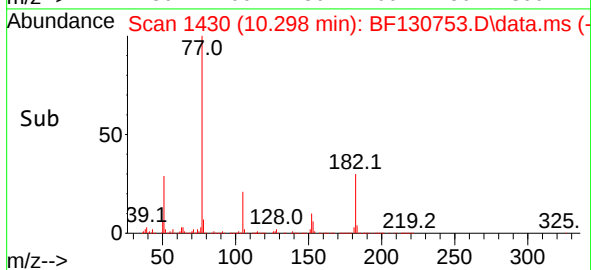
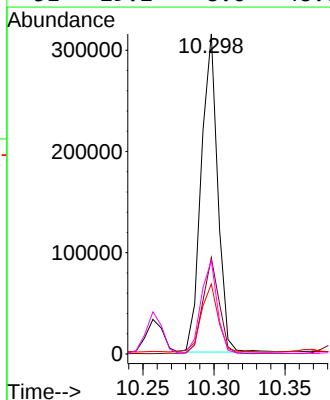
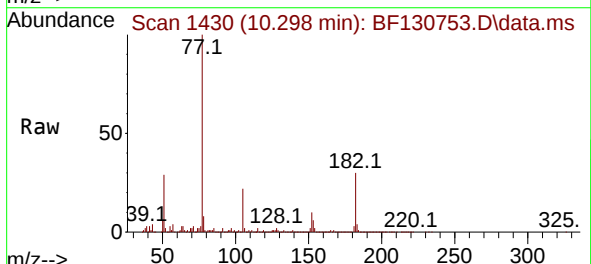
Manual Integrations
APPROVED

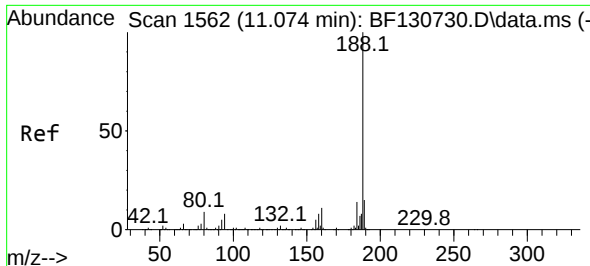
Reviewed By :Christian
Giraldo
10/24/2022
Supervised By :Jagrit
Upadhyay
10/24/2022



#63
Azobenzene
Concen: 37.507 ng
RT: 10.298 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

Tgt Ion: 77 Resp: 254903
Ion Ratio Lower Upper
77 100
182 30.1 7.3 47.3
105 21.8 1.9 41.9
51 29.2 8.6 48.6





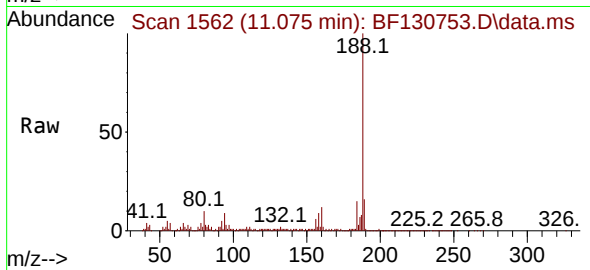
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.075 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

Instrument :

BNA_F

ClientSampleId :

EO-02-101822MS

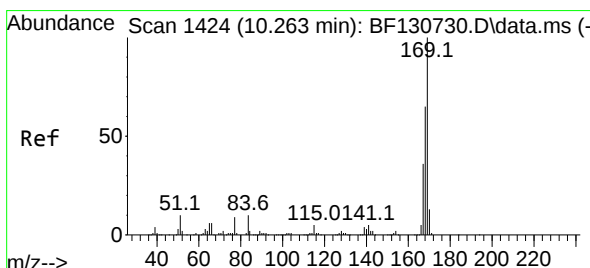
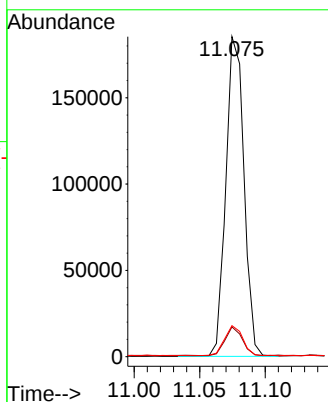
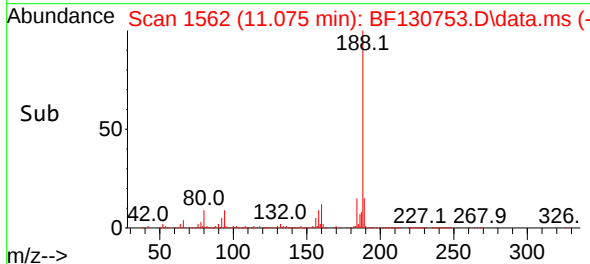


Tgt Ion:188 Resp: 17827
Ion Ratio Lower Upper
188 100
94 9.3 6.7 10.1
80 9.7 7.4 11.0

Manual Integrations
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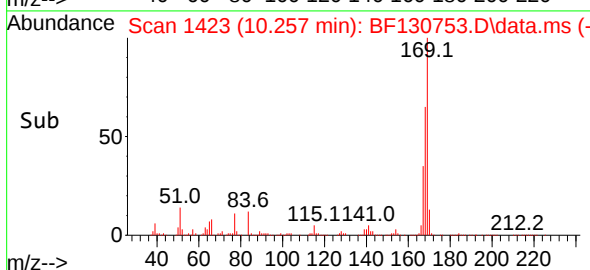
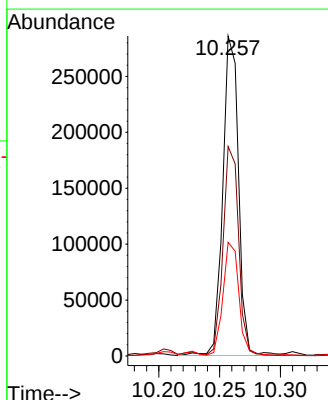
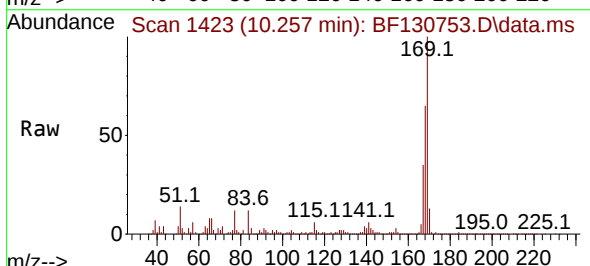
Reviewed By :Christian
Giraldo
10/24/2022

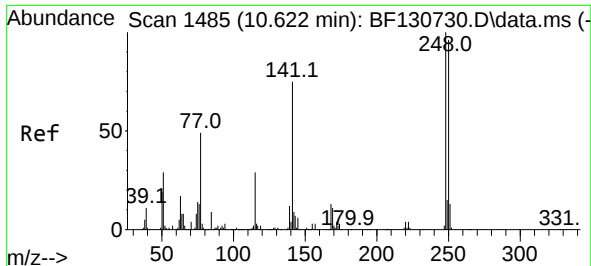
Supervised By :Jagrut
Upadhyay
10/24/2022



#66
n-Nitrosodiphenylamine
Concen: 41.949 ng
RT: 10.257 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

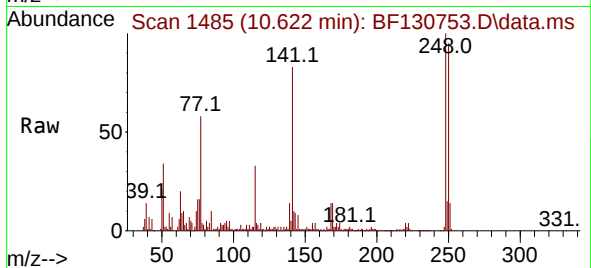
Tgt Ion:169 Resp: 257798
Ion Ratio Lower Upper
169 100
168 65.5 52.5 78.7
167 35.5 28.6 42.8





#67
4-Bromophenyl-phenylether
Concen: 40.715 ng
RT: 10.622 min Scan# 1485
Delta R.T. 0.000 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

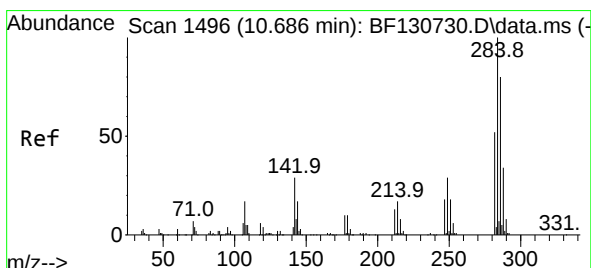
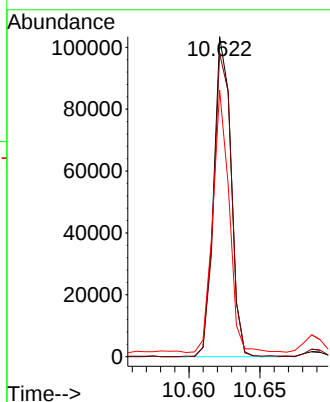
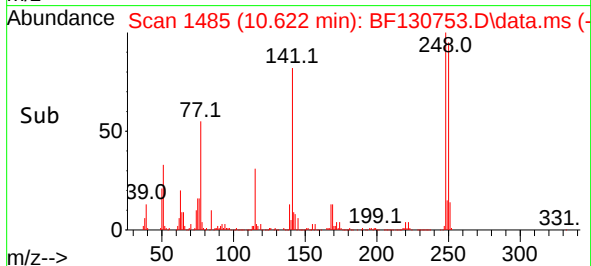
Instrument :
BNA_F
ClientSampleId :
EO-02-101822MS



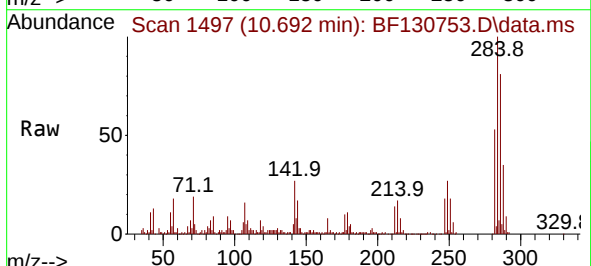
Tgt Ion:248 Resp: 87308
Ion Ratio Lower Upper
248 100
250 94.8 77.0 115.6
141 83.3 60.1 90.1

Manual Integrations
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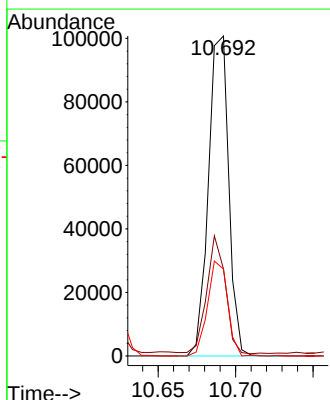
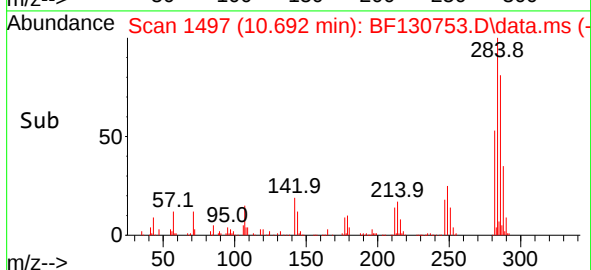
Reviewed By :Christian
Giraldo
10/24/2022
Supervised By :Jagrut
Upadhyay
10/24/2022

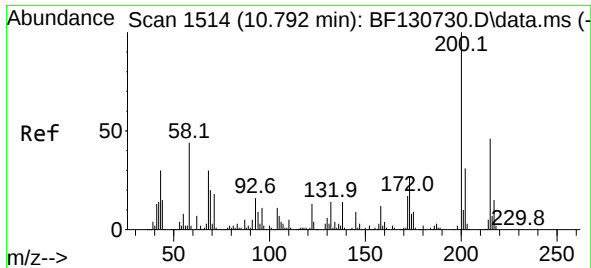


#68
Hexachlorobenzene
Concen: 37.536 ng
RT: 10.692 min Scan# 1497
Delta R.T. 0.006 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26



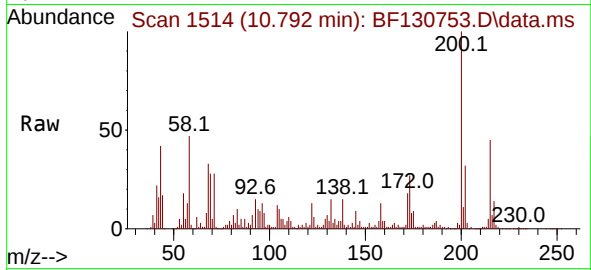
Tgt Ion:284 Resp: 92000
Ion Ratio Lower Upper
284 100
142 27.2 22.8 34.2
249 27.1 23.4 35.2





#69
 Atrazine
 Concen: 46.957 ng
 RT: 10.792 min Scan# 1514
 Delta R.T. 0.000 min
 Lab File: BF130753.D
 Acq: 21 Oct 2022 19:26

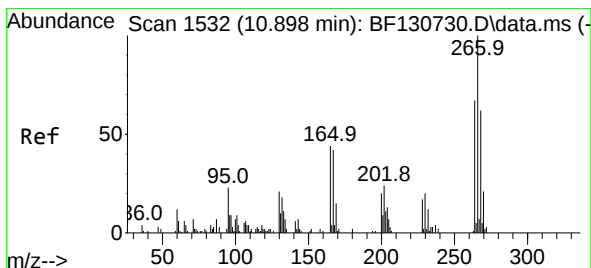
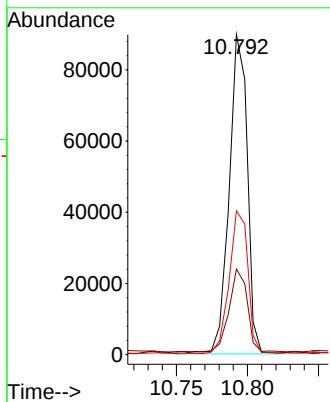
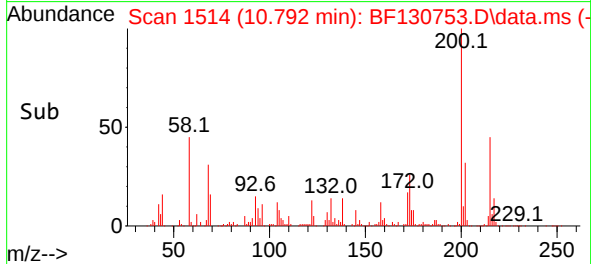
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-101822MS



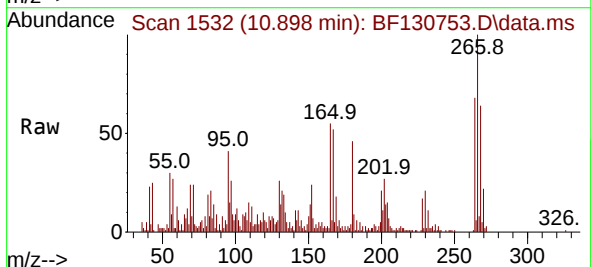
Tgt Ion:200 Resp: 7991
 Ion Ratio Lower Upper
 200 100
 173 26.8 7.2 47.2
 215 44.9 26.5 66.5

Manual Integrations
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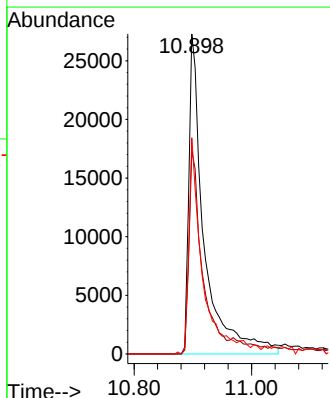
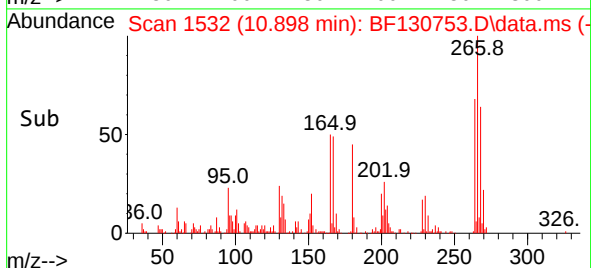
Reviewed By :Christian
 Giraldo
 10/24/2022
 Supervised By :Jagrit
 Upadhyay
 10/24/2022

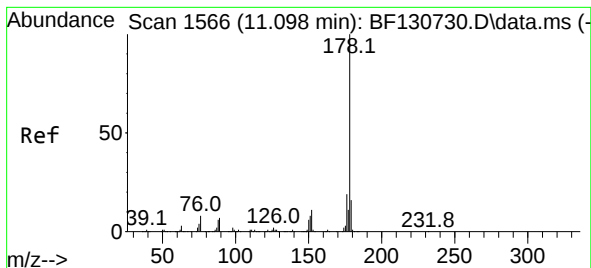


#70
 Pentachlorophenol
 Concen: 82.215 ng
 RT: 10.898 min Scan# 1532
 Delta R.T. 0.000 min
 Lab File: BF130753.D
 Acq: 21 Oct 2022 19:26



Tgt Ion:266 Resp: 49345
 Ion Ratio Lower Upper
 266 100
 268 63.6 49.9 74.9
 264 67.6 53.6 80.4





#71

Phenanthrene

Concen: 73.901 ng

RT: 11.104 min Scan# 1567

Delta R.T. 0.006 min

Lab File: BF130753.D

Acq: 21 Oct 2022 19:26

Instrument :

BNA_F

ClientSampleId :

EO-02-101822MS

Tgt Ion:178 Resp: 72244

Ion Ratio Lower Upper

178 100

176 19.3 15.1 22.7

179 15.6 12.4 18.6

Manual Integrations

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Reviewed By :Christian

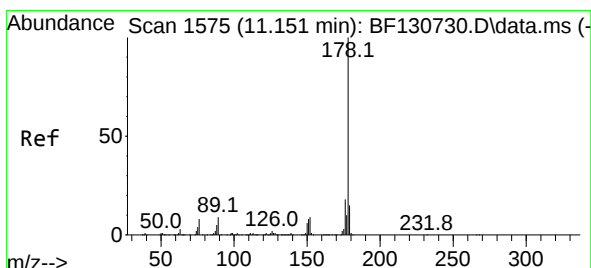
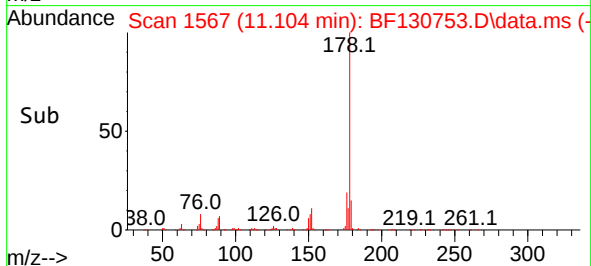
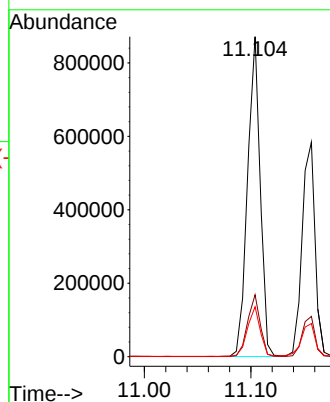
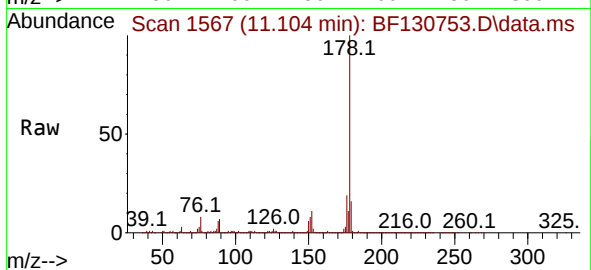
Giraldo

10/24/2022

Supervised By :Jagrut

Upadhyay

10/24/2022



#72

Anthracene

Concen: 50.668 ng

RT: 11.157 min Scan# 1576

Delta R.T. 0.006 min

Lab File: BF130753.D

Acq: 21 Oct 2022 19:26

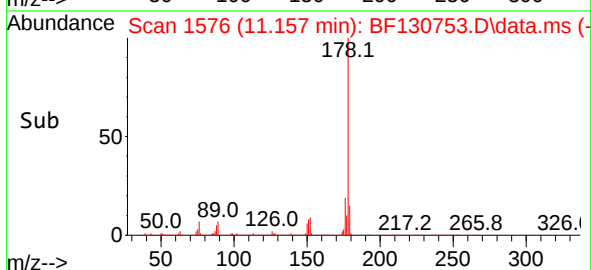
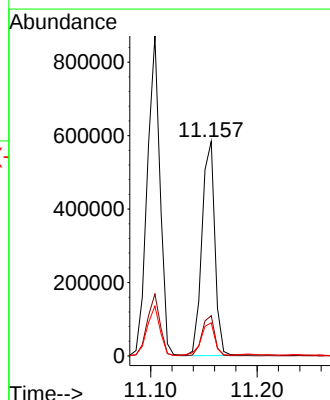
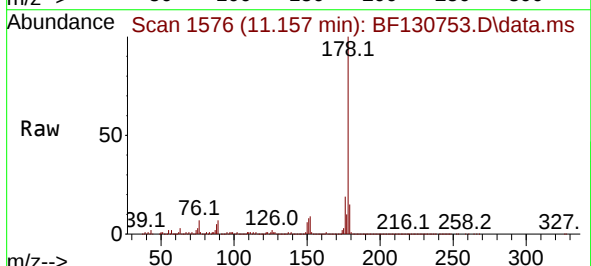
Tgt Ion:178 Resp: 494294

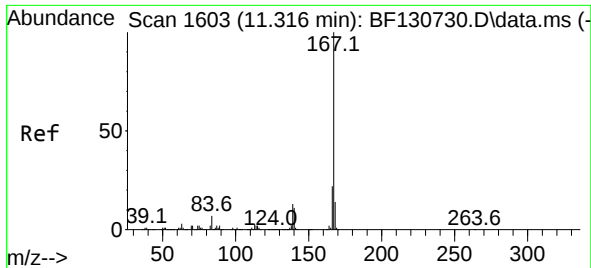
Ion Ratio Lower Upper

178 100

176 18.8 14.6 21.8

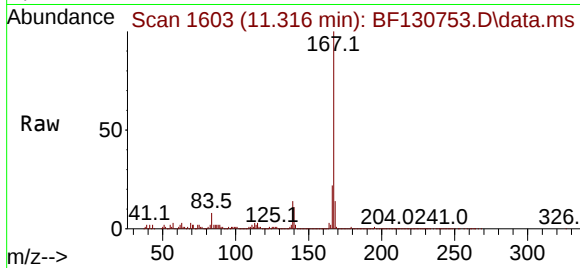
179 15.4 12.4 18.6





#73
 Carbazole
 Concen: 44.057 ng
 RT: 11.316 min Scan# 1603
 Delta R.T. 0.000 min
 Lab File: BF130753.D
 Acq: 21 Oct 2022 19:26

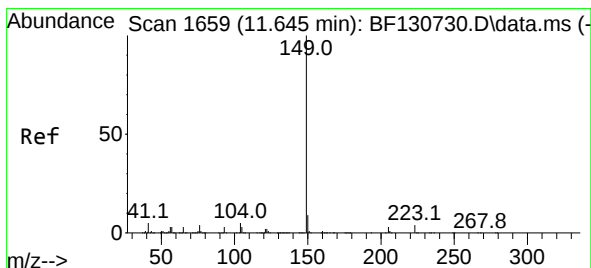
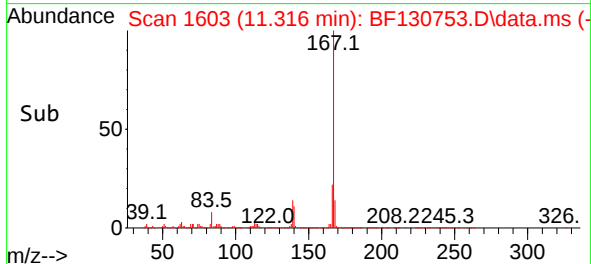
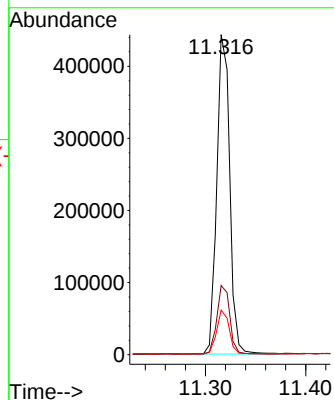
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-101822MS



Tgt Ion:167 Resp: 39682
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.3 25.9
 139 13.9 10.7 16.1

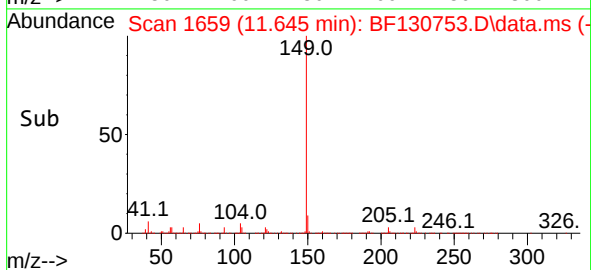
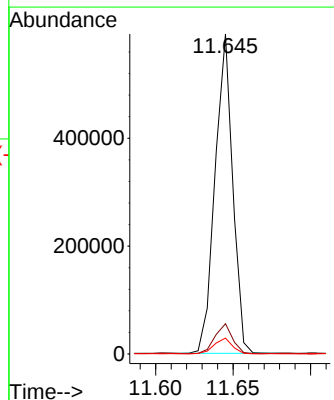
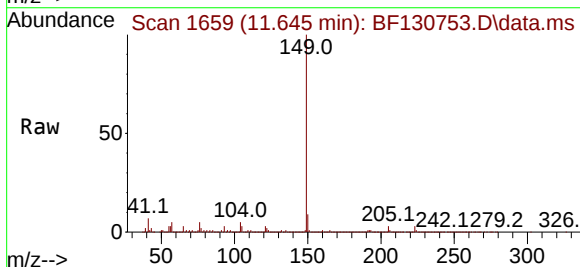
Manual Integrations
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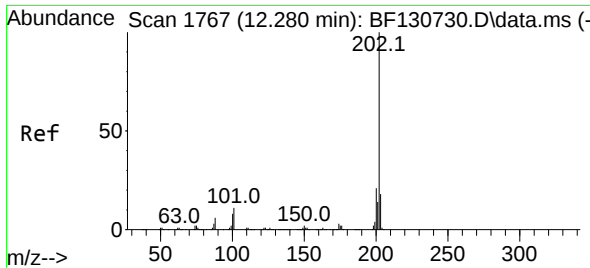
Reviewed By :Christian
 Giraldo
 10/24/2022
 Supervised By :Jagrut
 Upadhyay
 10/24/2022



#74
 Di-n-butylphthalate
 Concen: 42.310 ng
 RT: 11.645 min Scan# 1659
 Delta R.T. 0.000 min
 Lab File: BF130753.D
 Acq: 21 Oct 2022 19:26

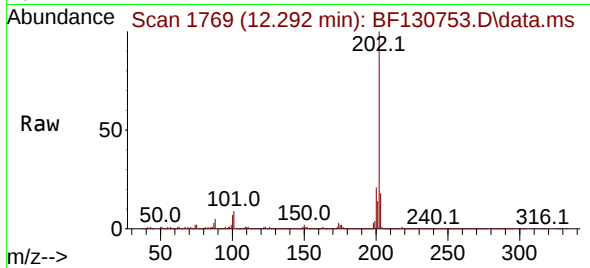
Tgt Ion:149 Resp: 468714
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.2 10.8
 104 5.0 3.8 5.8





#75
Fluoranthene
Concen: 79.859 ng
RT: 12.292 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

Instrument :
BNA_F
ClientSampleId :
EO-02-101822MS

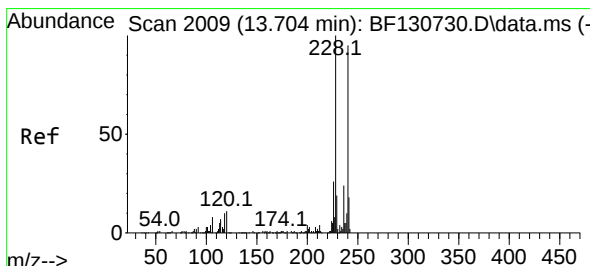
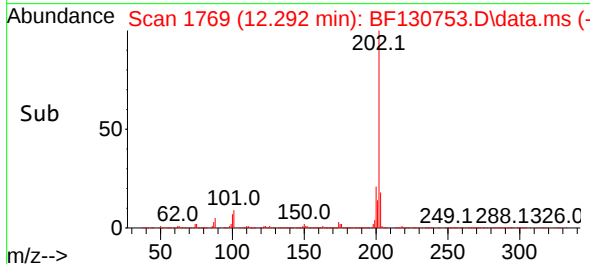
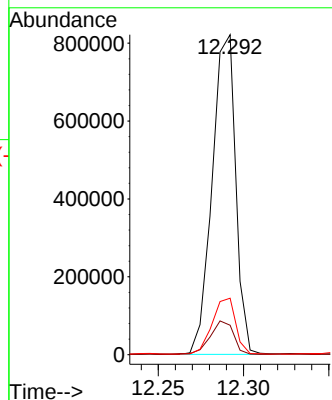


Tgt Ion:202 Resp: 78924
Ion Ratio Lower Upper
202 100
101 9.2 0.0 31.0
203 17.6 0.0 37.6

Manual Integrations
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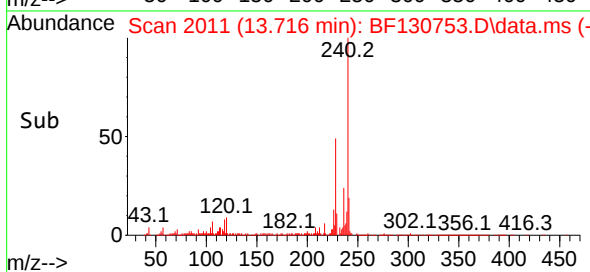
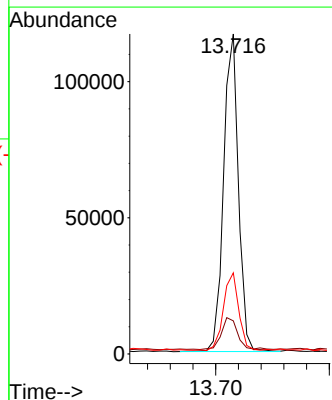
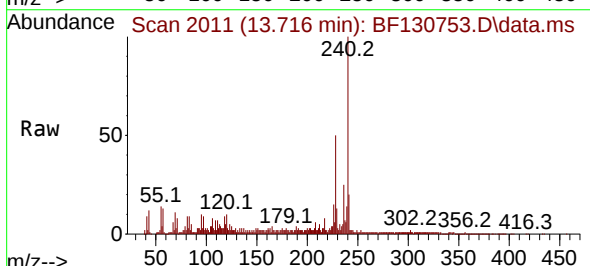
Reviewed By :Christian
Giraldo
10/24/2022

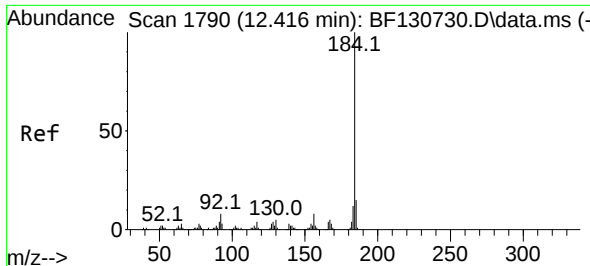
Supervised By :Jagrut
Upadhyay
10/24/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.716 min Scan# 2011
Delta R.T. 0.012 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

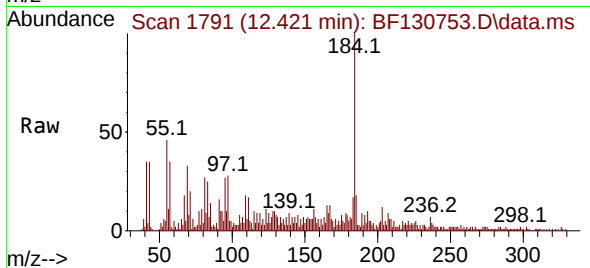
Tgt Ion:240 Resp: 105608
Ion Ratio Lower Upper
240 100
120 10.3 9.6 14.4
236 25.4 20.2 30.2





#77
Benzidine
Concen: 13.366 ng
RT: 12.421 min Scan# 1791
Delta R.T. 0.005 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

Instrument :
BNA_F
ClientSampleId :
EO-02-101822MS

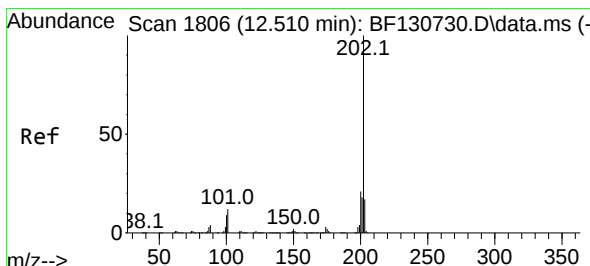
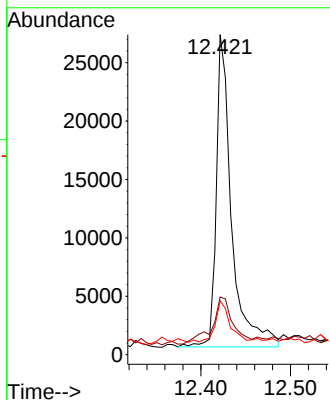
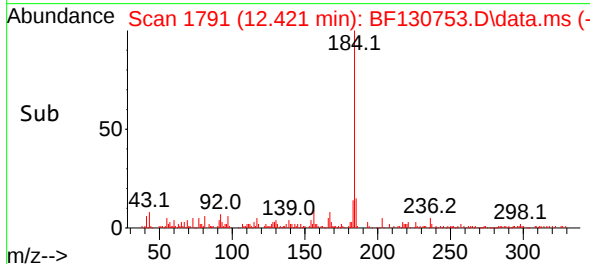


Tgt Ion:184 Resp: 31610
Ion Ratio Lower Upper
184 100
185 18.0 12.4 18.6
183 16.8 9.3 13.9

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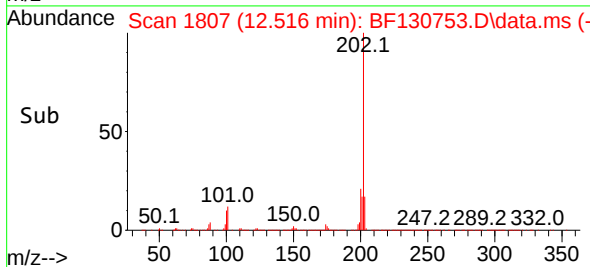
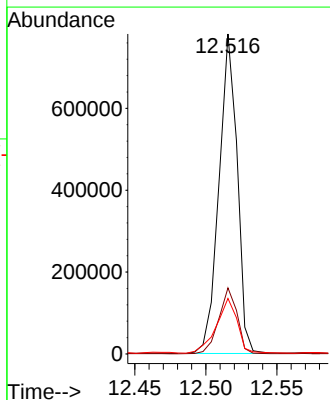
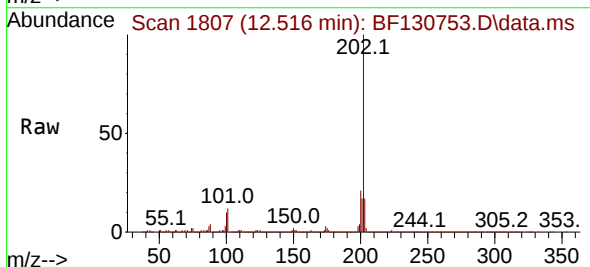
Reviewed By :Christian
Giraldo
10/24/2022

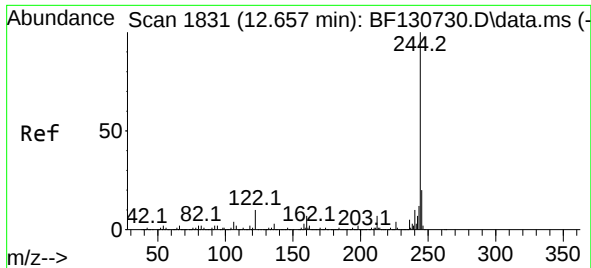
Supervised By :Jagrut
Upadhyay
10/24/2022



#78
Pyrene
Concen: 78.360 ng
RT: 12.516 min Scan# 1807
Delta R.T. 0.006 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

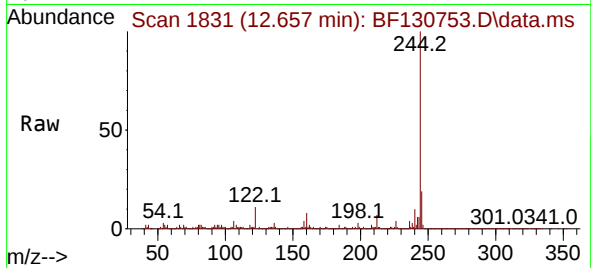
Tgt Ion:202 Resp: 694628
Ion Ratio Lower Upper
202 100
200 20.7 16.8 25.2
203 17.3 13.8 20.8





#79
 Terphenyl-d14
 Concen: 65.550 ng
 RT: 12.657 min Scan# 1831
 Delta R.T. -0.000 min
 Lab File: BF130753.D
 Acq: 21 Oct 2022 19:26

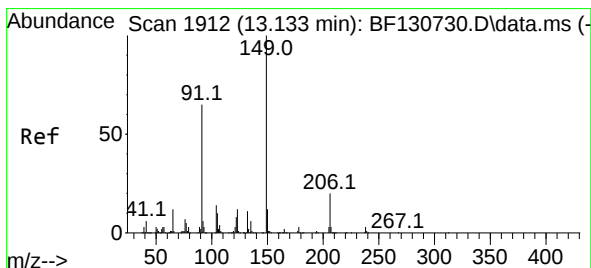
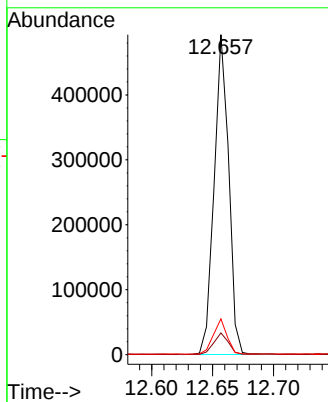
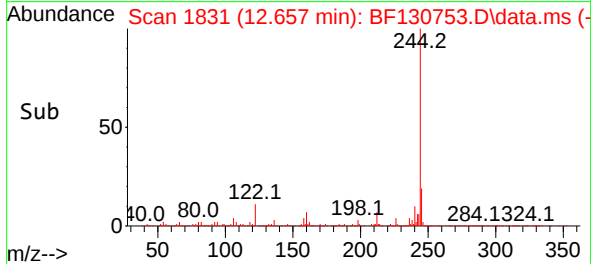
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-101822MS



Tgt Ion:244 Resp: 410795
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.2 8.2 12.4

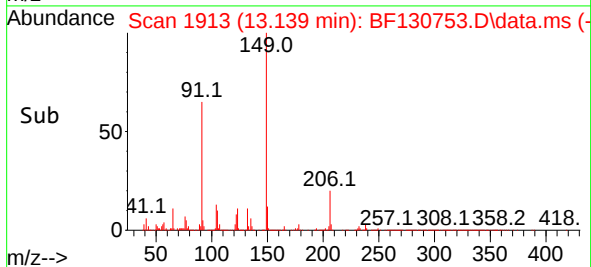
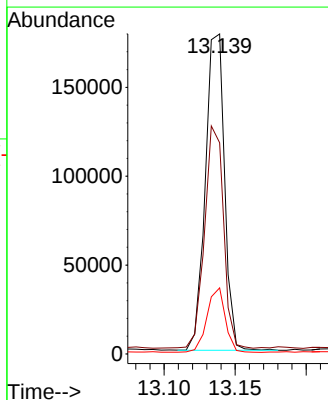
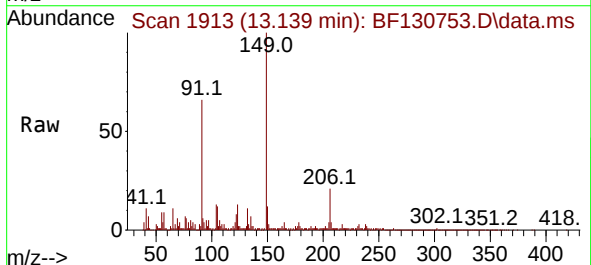
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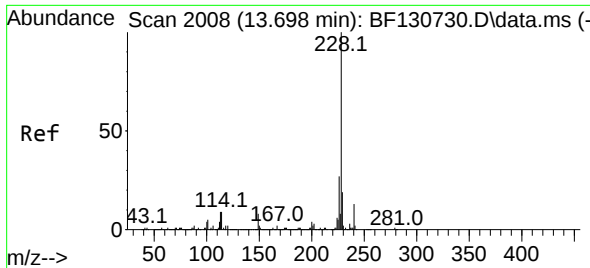
Reviewed By :Christian
 Giraldo
 10/24/2022
 Supervised By :Jagrut
 Upadhyay
 10/24/2022



#80
 Butylbenzylphthalate
 Concen: 47.614 ng
 RT: 13.139 min Scan# 1913
 Delta R.T. 0.006 min
 Lab File: BF130753.D
 Acq: 21 Oct 2022 19:26

Tgt Ion:149 Resp: 167479
 Ion Ratio Lower Upper
 149 100
 91 66.0 52.3 78.5
 206 20.7 16.3 24.5





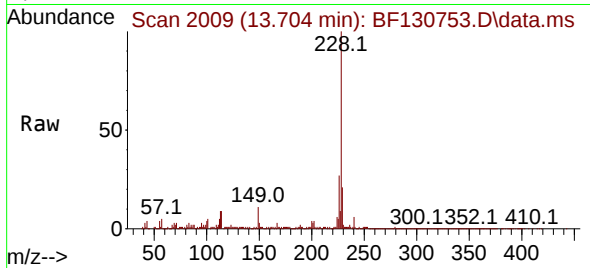
#81
Benzo(a)anthracene
Concen: 59.820 ng
RT: 13.704 min Scan# 2009
Delta R.T. 0.006 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

Instrument :

BNF

ClientSampleId :

EO-02-101822MS

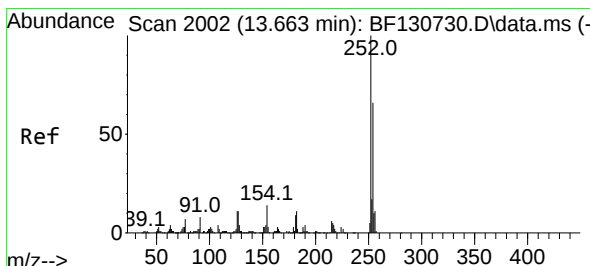
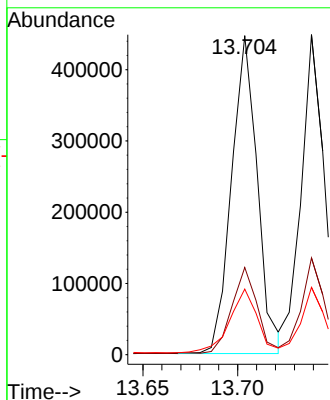
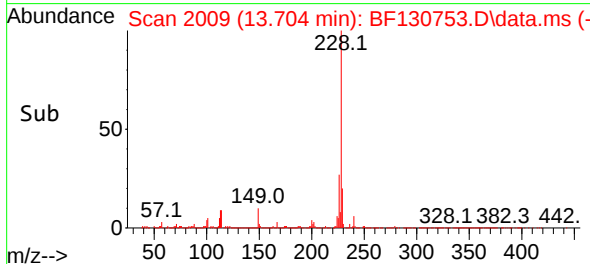


Tgt Ion:228 Resp: 42212
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 20.6 15.4 23.2

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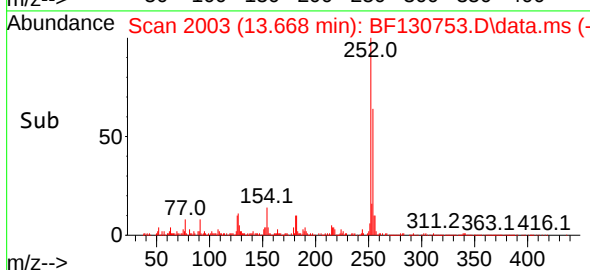
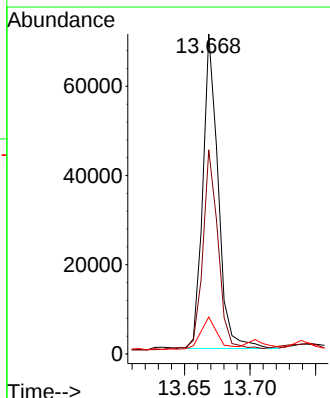
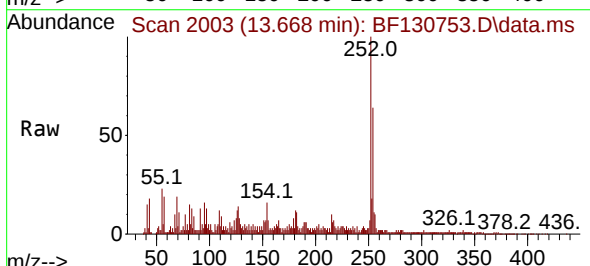
Reviewed By :Christian
Giraldo
10/24/2022

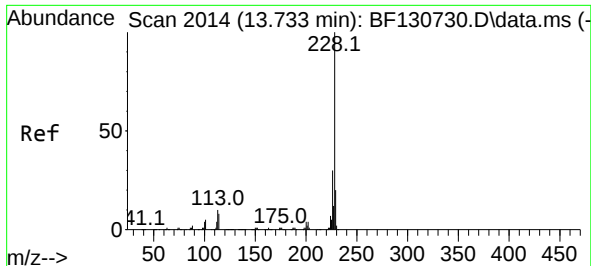
Supervised By :Jagrut
Upadhyay
10/24/2022



#82
3,3'-Dichlorobenzidine
Concen: 28.023 ng
RT: 13.668 min Scan# 2003
Delta R.T. 0.006 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

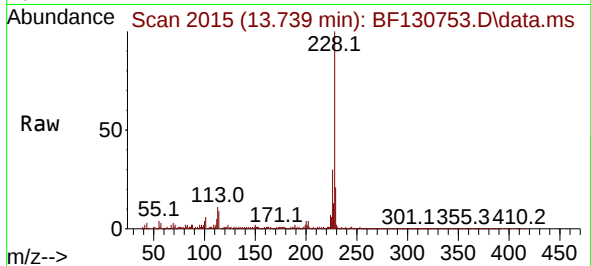
Tgt Ion:252 Resp: 57426
Ion Ratio Lower Upper
252 100
254 63.8 52.4 78.6
126 11.6 9.0 13.4





#83
Chrysene
Concen: 54.370 ng
RT: 13.739 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

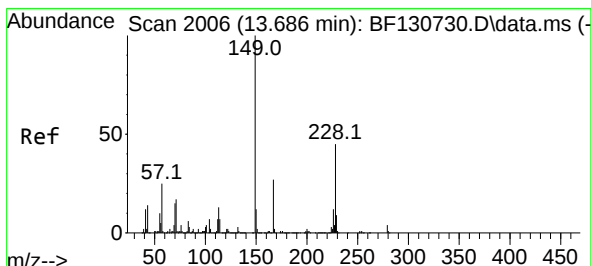
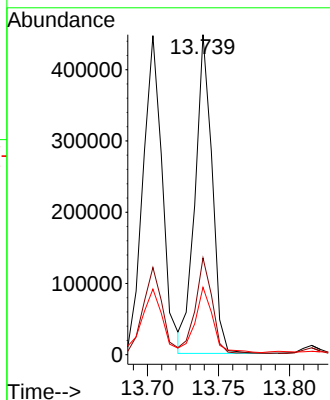
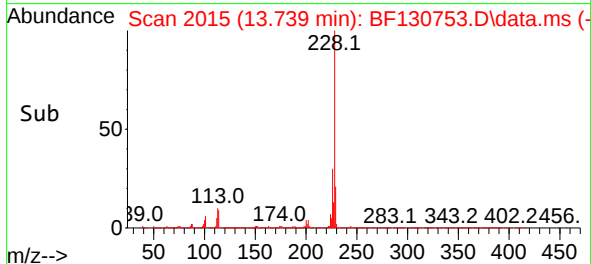
Instrument :
BNA_F
ClientSampleId :
EO-02-101822MS



Tgt Ion:228 Resp: 371739
Ion Ratio Lower Upper
228 100
226 30.2 23.6 35.4
229 21.1 15.8 23.6

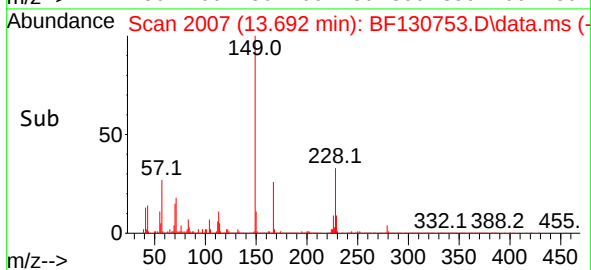
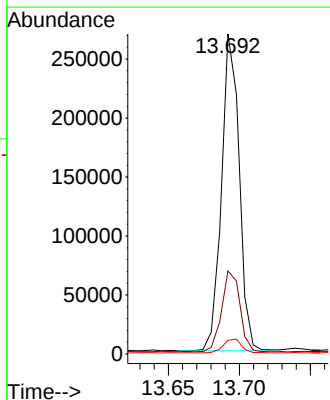
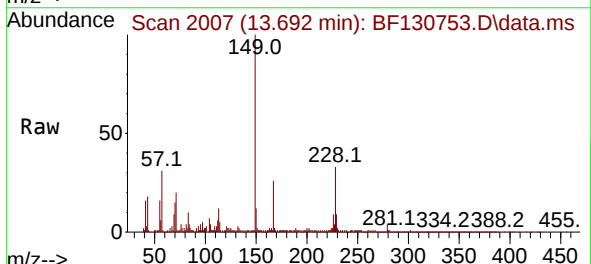
Manual Integrations
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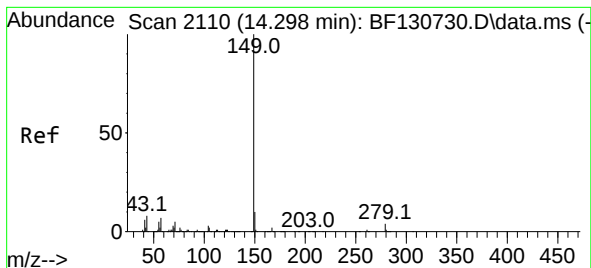
Reviewed By :Christian
Giraldo
10/24/2022
Supervised By :Jagrut
Upadhyay
10/24/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 55.602 ng
RT: 13.692 min Scan# 2007
Delta R.T. 0.006 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

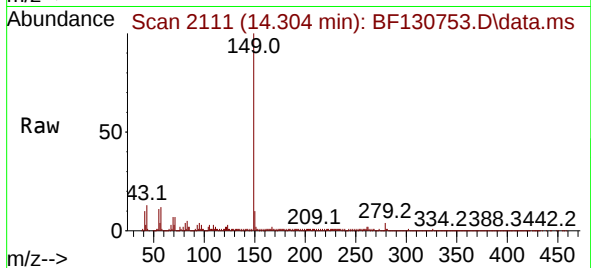
Tgt Ion:149 Resp: 231681
Ion Ratio Lower Upper
149 100
167 25.9 21.5 32.3
279 4.2 3.4 5.0





#85
Di-n-octyl phthalate
Concen: 61.136 ng
RT: 14.304 min Scan# 2111
Delta R.T. 0.006 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

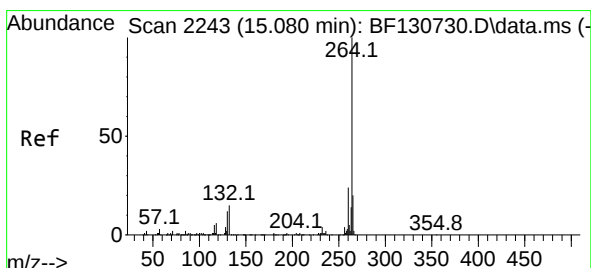
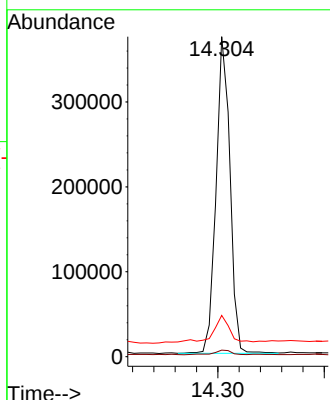
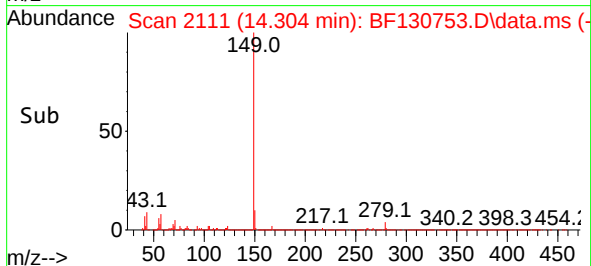
Instrument :
BNA_F
ClientSampleId :
EO-02-101822MS



Tgt Ion:149 Resp: 335840
Ion Ratio Lower Upper
149 100
167 1.9 1.2 1.8
43 8.4 7.0 10.4

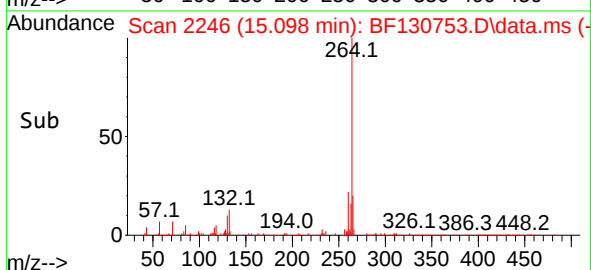
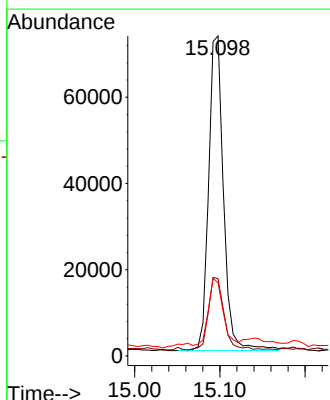
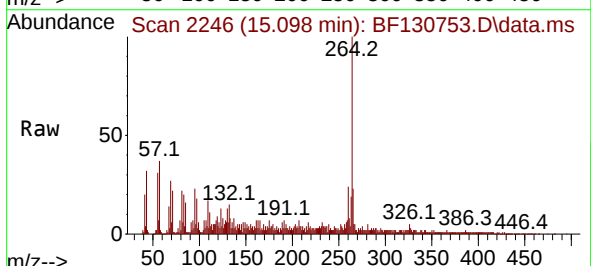
Manual Integrations
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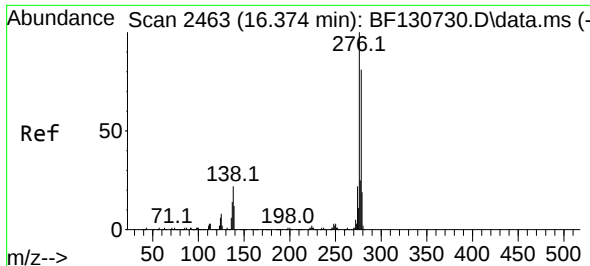
Reviewed By :Christian
Giraldo
10/24/2022
Supervised By :Jagrit
Upadhyay
10/24/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.098 min Scan# 2246
Delta R.T. 0.018 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

Tgt Ion:264 Resp: 88604
Ion Ratio Lower Upper
264 100
260 24.1 18.8 28.2
265 22.9 16.2 24.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 37.237 ng
RT: 16.404 min Scan# 2463
Delta R.T. 0.029 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

Instrument :

BNA_F

ClientSampleId :

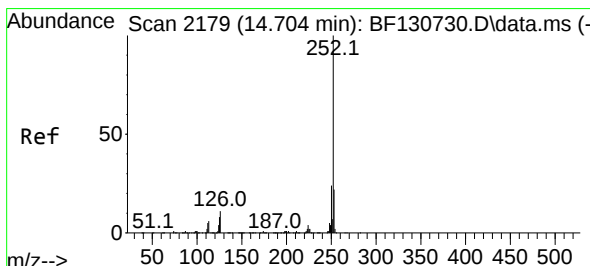
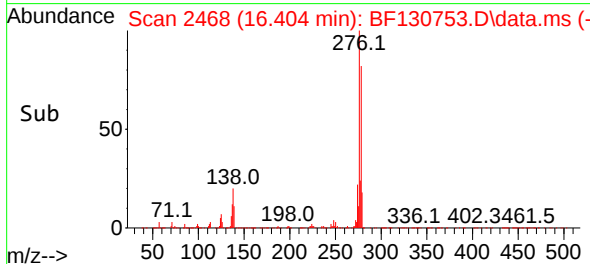
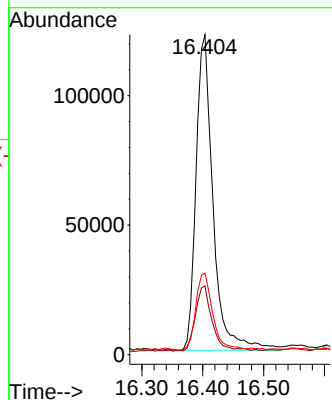
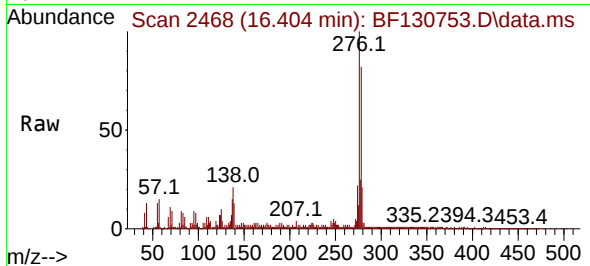
EO-02-101822MS

Tgt Ion:276 Resp: 236620
Ion Ratio Lower Upper
276 100
138 19.6 17.2 25.8
277 24.1 20.1 30.1

Manual Integrations
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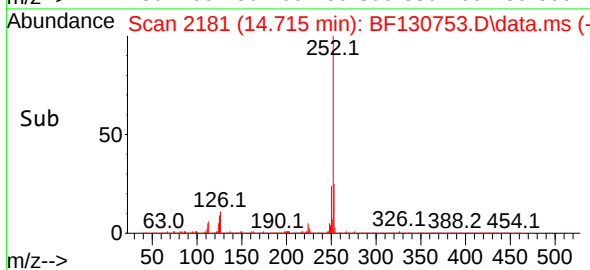
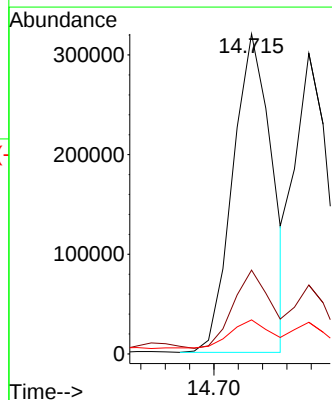
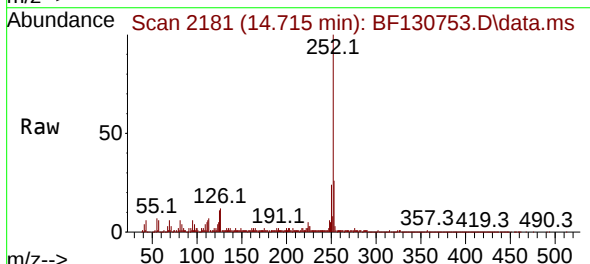
Reviewed By :Christian
Giraldo
10/24/2022

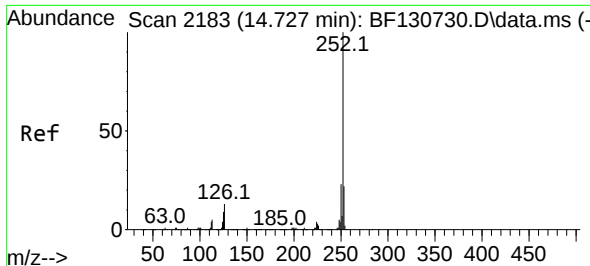
Supervised By :Jagrut
Upadhyay
10/24/2022



#88
Benzo(b)fluoranthene
Concen: 60.686 ng
RT: 14.715 min Scan# 2181
Delta R.T. 0.012 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

Tgt Ion:252 Resp: 358019
Ion Ratio Lower Upper
252 100
253 26.2 17.4 26.0#
125 10.6 6.4 9.6#





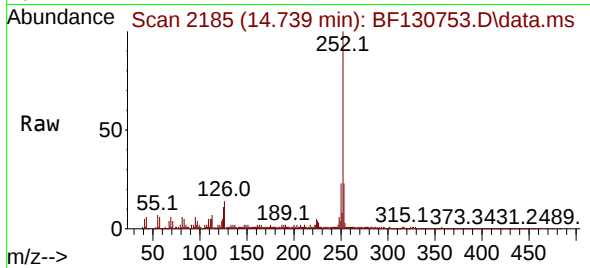
#89
Benzo(k)fluoranthene
Concen: 48.130 ng
RT: 14.739 min Scan# 2183
Delta R.T. 0.012 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

Instrument :

BNF

ClientSampleId :

EO-02-101822MS

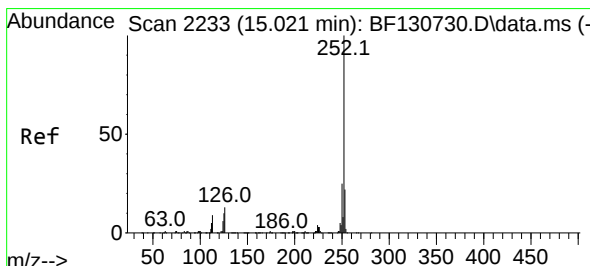
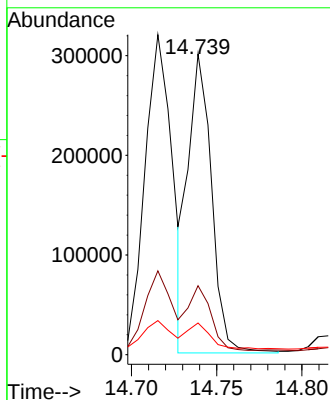
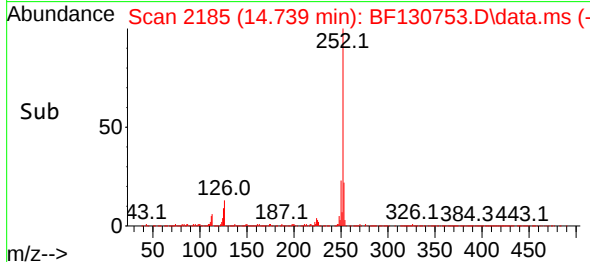


Tgt Ion:252 Resp: 285268
Ion Ratio Lower Upper
252 100
253 23.0 17.7 26.5
125 10.6 7.2 10.8

Manual Integrations
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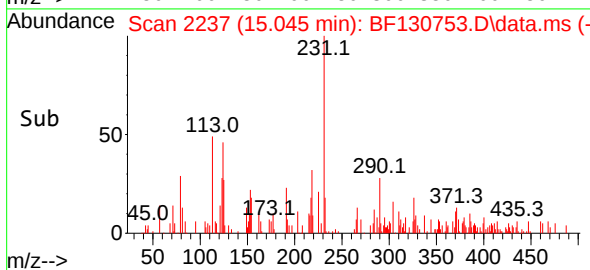
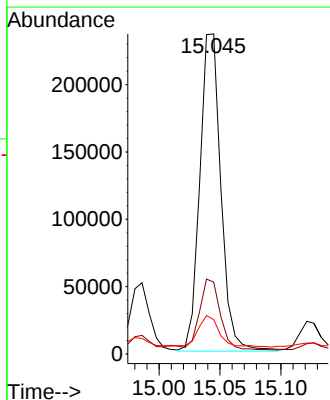
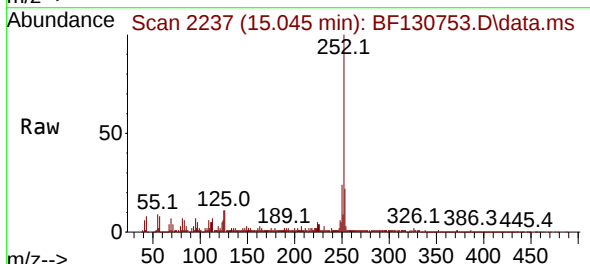
Reviewed By :Christian
Giraldo
10/24/2022

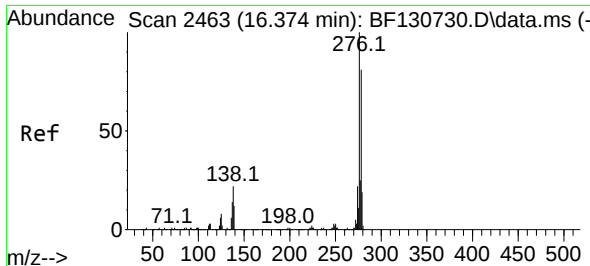
Supervised By :Jagrut
Upadhyay
10/24/2022



#90
Benzo(a)pyrene
Concen: 59.950 ng
RT: 15.045 min Scan# 2237
Delta R.T. 0.024 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

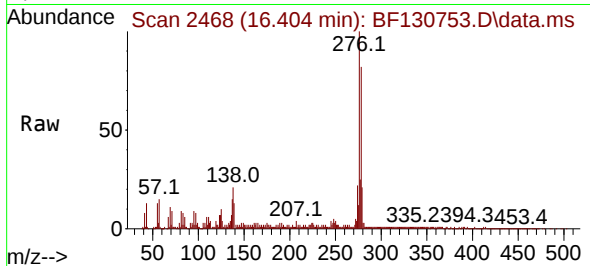
Tgt Ion:252 Resp: 284063
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 10.8 8.3 12.5





#91
Dibenzo(a,h)anthracene
Concen: 36.189 ng
RT: 16.404 min Scan# 2463
Delta R.T. 0.029 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

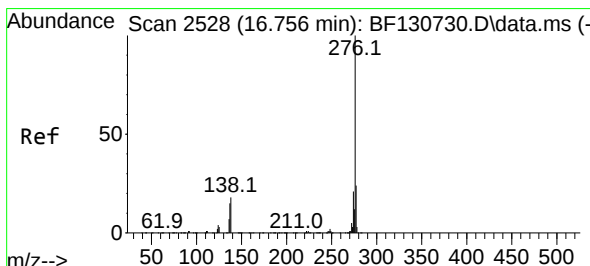
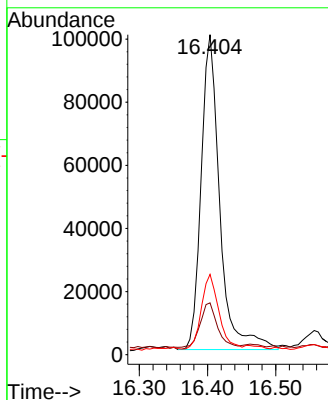
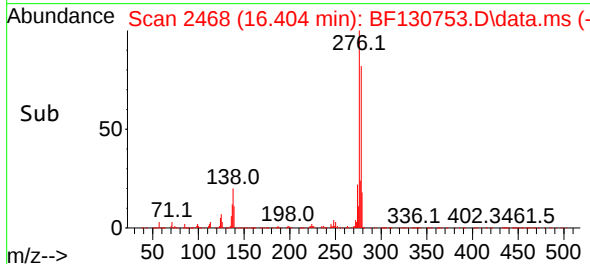
Instrument :
BNA_F
ClientSampleId :
EO-02-101822MS



Tgt Ion: 278 Resp: 19002
Ion Ratio Lower Upper
278 100
139 16.2 11.4 17.0
279 25.1 18.4 27.6

Manual Integrations
APPROVED

Reviewed By : Christian
Giraldo
10/24/2022
Supervised By : Jagrut
Upadhyay
10/24/2022



#92
Benzo(g,h,i)perylene
Concen: 35.668 ng
RT: 16.792 min Scan# 2534
Delta R.T. 0.035 min
Lab File: BF130753.D
Acq: 21 Oct 2022 19:26

Tgt Ion: 276 Resp: 187840
Ion Ratio Lower Upper
276 100
277 26.1 19.1 28.7
138 19.3 14.2 21.2

