

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100522\
 Data File : BF130533.D
 Acq On : 05 Oct 2022 17:04
 Operator : CG\JU
 Sample : N4960-01MSD 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAT-01-100322MSD

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 10/06/2022
 Supervised By :mohammad ahmed 10/14/2022

Quant Time: Oct 06 01:11:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 06 01:07:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.634	152	74627	20.000	ng	0.00
21) Naphthalene-d8	7.916	136	275188	20.000	ng	# 0.00
39) Acenaphthene-d10	9.663	164	125030	20.000	ng	0.00
64) Phenanthrene-d10	11.145	188	191082	20.000	ng	0.00
76) Chrysene-d12	13.780	240	185675	20.000	ng	0.00
86) Perylene-d12	15.168	264	155738	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	88660	20.606	ng	0.00
7) Phenol-d6	6.275	99	111116	20.640	ng	0.00
23) Nitrobenzene-d5	7.198	82	68349	12.689	ng	0.00
42) 2,4,6-Tribromophenol	10.451	330	21535	17.975	ng	0.00
45) 2-Fluorobiphenyl	8.986	172	120450	14.028	ng	0.00
79) Terphenyl-d14	12.727	244	116064	10.355	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.222	88	17097	8.652	ng	# 93
3) Pyridine	2.922	79	38822	7.531	ng	99
4) n-Nitrosodimethylamine	2.846	42	22212	7.923	ng	# 92
6) Aniline	6.292	93	32290	4.868	ng	# 31
8) 2-Chlorophenol	6.416	128	49403	10.080	ng	96
9) Benzaldehyde	6.181	77	24943	6.917	ng	92
10) Phenol	6.287	94	59210	9.385	ng	94
11) bis(2-Chloroethyl)ether	6.369	93	46443	10.206	ng	92
12) 1,3-Dichlorobenzene	6.569	146	52913	9.811	ng	97
13) 1,4-Dichlorobenzene	6.651	146	54281	9.870	ng	95
14) 1,2-Dichlorobenzene	6.798	146	51178	9.962	ng	99
15) Benzyl Alcohol	6.834	79	21785m	5.104	ng	
16) 2,2'-oxybis(1-Chloropr...	6.916	45	61315	9.238	ng	83
17) 2-Methylphenol	6.898	107	41395	10.390	ng	92
18) Hexachloroethane	7.139	117	19513	9.001	ng	97
19) n-Nitroso-di-n-propyla...	7.045	70	34105	9.388	ng	97
20) 3+4-Methylphenols	7.057	107	47838	9.243	ng	# 54
22) Acetophenone	7.045	105	72149	10.724	ng	# 84
24) Nitrobenzene	7.216	77	49899	9.123	ng	92
25) Isophorone	7.457	82	86966	10.017	ng	94
26) 2-Nitrophenol	7.534	139	23258	10.373	ng	99
27) 2,4-Dimethylphenol	7.581	122	39464	11.431	ng	98
28) bis(2-Chloroethoxy)met...	7.675	93	54811	11.212	ng	96
29) 2,4-Dichlorophenol	7.781	162	34807	9.201	ng	98
30) 1,2,4-Trichlorobenzene	7.857	180	39108	9.562	ng	95
31) Naphthalene	7.934	128	142319	10.038	ng	99
32) Benzoic acid	7.692	122	13701m	5.132	ng	
33) 4-Chloroaniline	7.992	127	24836	4.606	ng	95
34) Hexachlorobutadiene	8.051	225	25025	9.574	ng	97
35) Caprolactam	8.333	113	10621	9.793	ng	# 81
36) 4-Chloro-3-methylphenol	8.486	107	36996	8.823	ng	98
37) 2-Methylnaphthalene	8.628	142	86274	9.544	ng	98
38) 1-Methylnaphthalene	8.722	142	80928	9.320	ng	98
40) 1,2,4,5-Tetrachloroben...	8.792	216	35971	10.542	ng	99
41) Hexachlorocyclopentadiene	8.775	237	5266	2.883	ng	96
43) 2,4,6-Trichlorophenol	8.910	196	21420	8.995	ng	95

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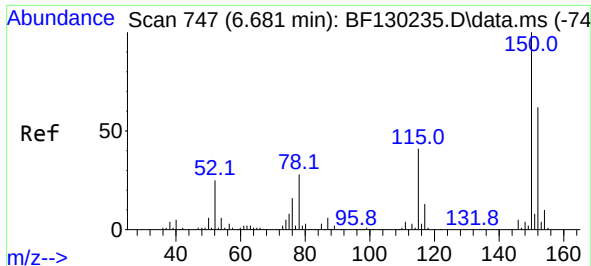
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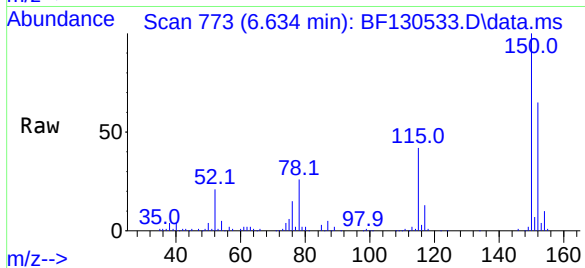
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.957	196	22997	8.949	ng	98
46) 1,1'-Biphenyl	9.092	154	103569	11.091	ng	95
47) 2-Chloronaphthalene	9.110	162	76336	10.106	ng	99
48) 2-Nitroaniline	9.216	65	22753	9.031	ng	98
49) Acenaphthylene	9.522	152	113270	10.001	ng	99
50) Dimethylphthalate	9.392	163	88603	10.259	ng	99
51) 2,6-Dinitrotoluene	9.457	165	18064	10.001	ng	# 84
52) Acenaphthene	9.698	154	70929m	9.532	ng	
53) 3-Nitroaniline	9.627	138	13659	6.787	ng	94
54) 2,4-Dinitrophenol	9.745	184	3883	9.907	ng	96
55) Dibenzofuran	9.869	168	102425	9.896	ng	97
56) 4-Nitrophenol	9.816	139	16301	11.120	ng	94
57) 2,4-Dinitrotoluene	9.857	165	22125	9.585	ng	98
58) Fluorene	10.210	166	82537	9.751	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.992	232	16136	8.022	ng	95
60) Diethylphthalate	10.086	149	84041	9.704	ng	99
61) 4-Chlorophenyl-phenyle...	10.204	204	36305	9.777	ng	98
62) 4-Nitroaniline	10.233	138	16221	8.023	ng	94
63) Azobenzene	10.363	77	76424	8.570	ng	97
65) 4,6-Dinitro-2-methylph...	10.269	198	4311	4.053	ng	92
66) n-Nitrosodiphenylamine	10.322	169	66081	10.349	ng	98
67) 4-Bromophenyl-phenylether	10.692	248	20751	9.844	ng	96
68) Hexachlorobenzene	10.751	284	22494	9.414	ng	# 88
69) Atrazine	10.851	200	20827	11.161	ng	98
70) Pentachlorophenol	10.957	266	14741	11.495	ng	97
71) Phenanthrene	11.169	178	151821	14.152	ng	98
72) Anthracene	11.222	178	119325	11.526	ng	98
73) Carbazole	11.380	167	98709	10.565	ng	98
74) Di-n-butylphthalate	11.716	149	159512	14.157	ng	98
75) Fluoranthene	12.351	202	236005	22.766	ng	99
77) Benzidine	12.486	184	36284	6.732	ng	96
78) Pyrene	12.580	202	237987	14.652	ng	98
80) Butylbenzylphthalate	13.210	149	56917	9.459	ng	94
81) Benzo(a)anthracene	13.768	228	196616	15.918	ng	98
82) 3,3'-Dichlorobenzidine	13.739	252	27370	8.140	ng	99
83) Chrysene	13.804	228	172852	14.738	ng	99
84) Bis(2-ethylhexyl)phtha...	13.768	149	86910	12.609	ng	97
85) Di-n-octyl phthalate	14.380	149	149706	14.201	ng	# 97
87) Indeno(1,2,3-cd)pyrene	16.480	276	103609	9.381	ng	97
88) Benzo(b)fluoranthene	14.780	252	185267	18.226	ng	98
89) Benzo(k)fluoranthene	14.804	252	141397	14.141	ng	99
90) Benzo(a)pyrene	15.110	252	138026	17.140	ng	98
91) Dibenzo(a,h)anthracene	16.498	278	71525	7.895	ng	97
92) Benzo(g,h,i)perylene	16.880	276	85100	9.324	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.634 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

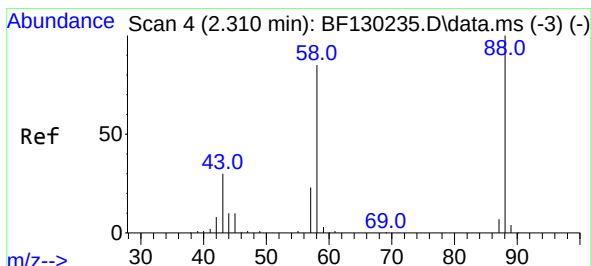
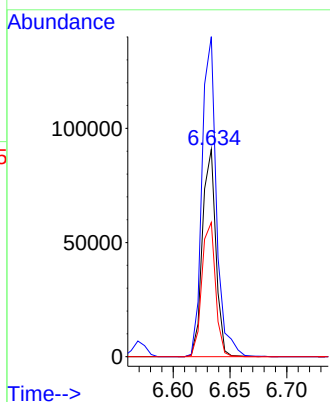
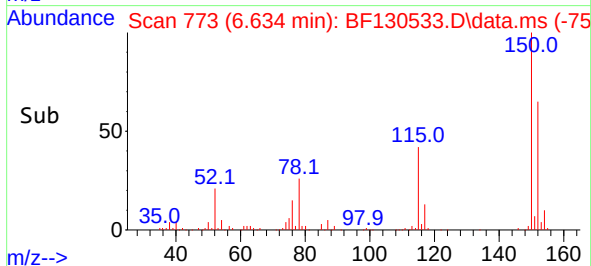
Instrument :
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PAT-01-100322MSD



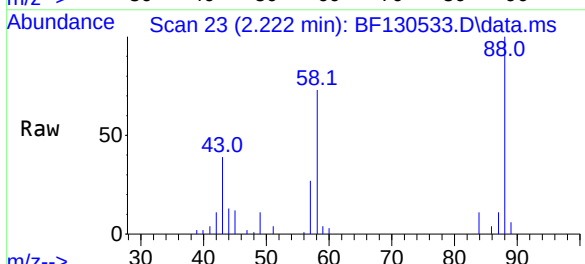
Tgt Ion:152 Resp: 7462
Ion Ratio Lower Upper
152 100
150 154.3 122.8 184.2
115 64.7 53.8 80.8

Manual Integrations
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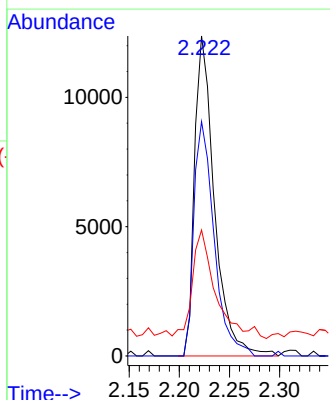
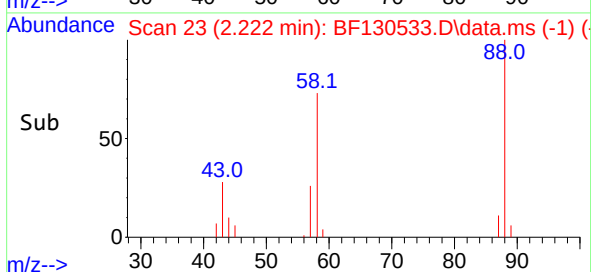
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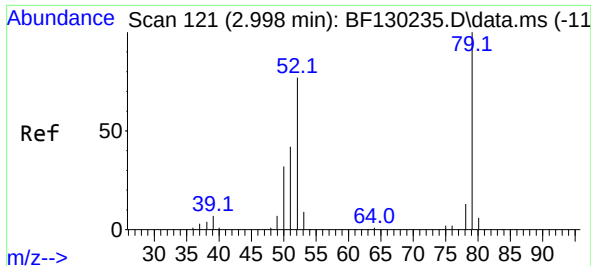


#2
1,4-Dioxane
Concen: 8.652 ng
RT: 2.222 min Scan# 23
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04



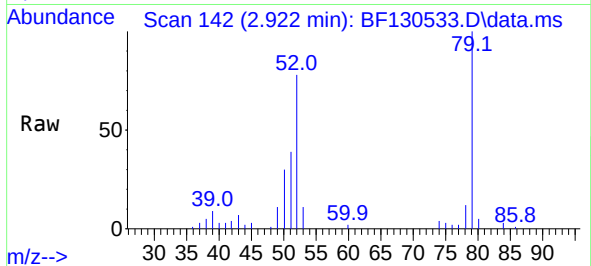
Tgt Ion: 88 Resp: 17097
Ion Ratio Lower Upper
88 100
58 74.5 61.3 91.9
43 39.6 23.0 34.6#





#3
Pyridine
Concen: 7.531 ng
RT: 2.922 min Scan# 14
Delta R.T. 0.029 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

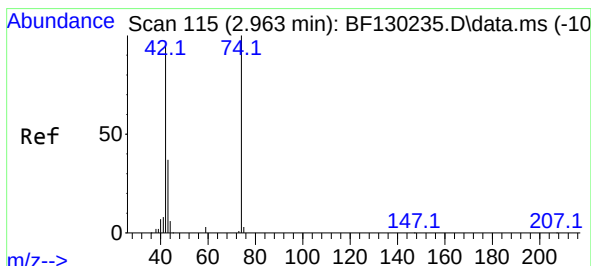
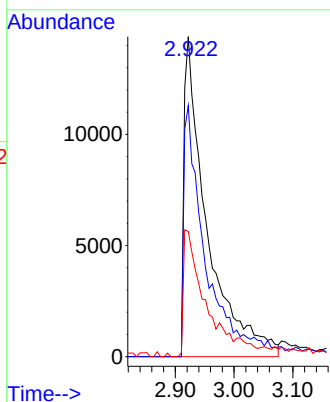
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ClientSampleId :
PAT-01-100322MSD



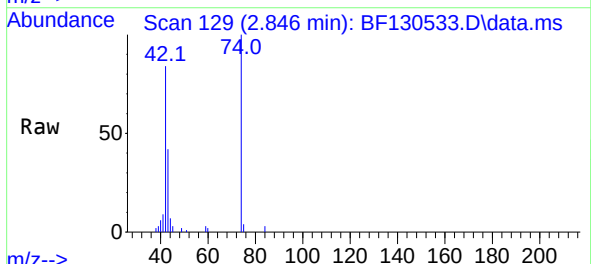
Tgt Ion: 79 Resp: 3882
Ion Ratio Lower Upper
79 100
52 78.4 62.4 93.6
51 39.2 32.2 48.4

Manual Integrations
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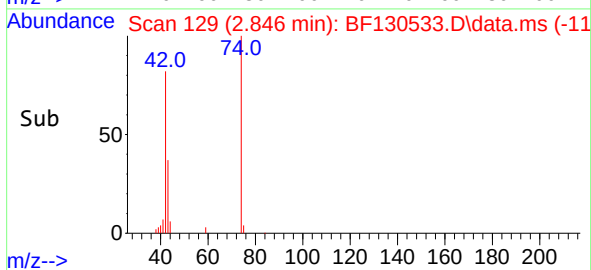
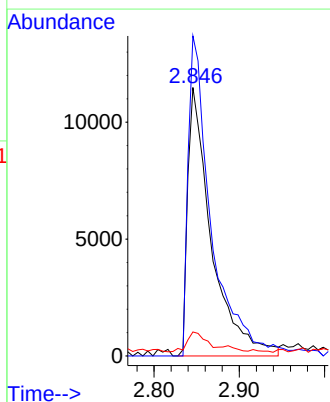
Reviewed By :Christian Giraldo 10/06/2022
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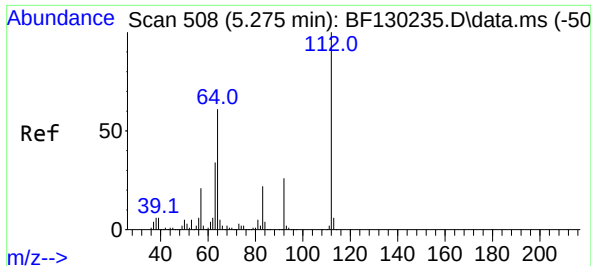


#4
n-Nitrosodimethylamine
Concen: 7.923 ng
RT: 2.846 min Scan# 129
Delta R.T. -0.012 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04



Tgt Ion: 42 Resp: 22212
Ion Ratio Lower Upper
42 100
74 119.2 88.4 132.6
44 8.9 5.0 7.4





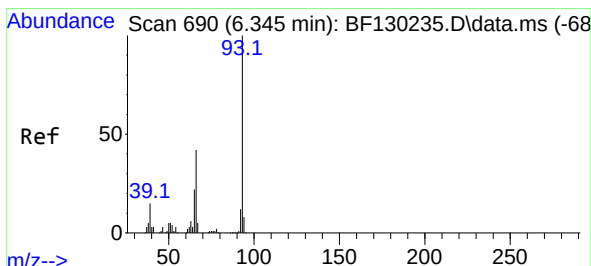
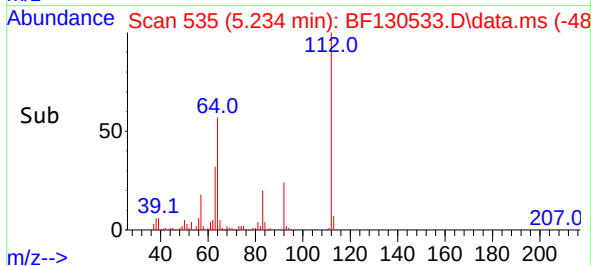
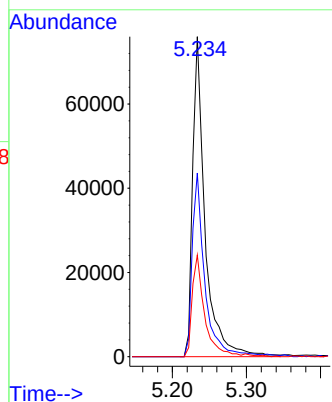
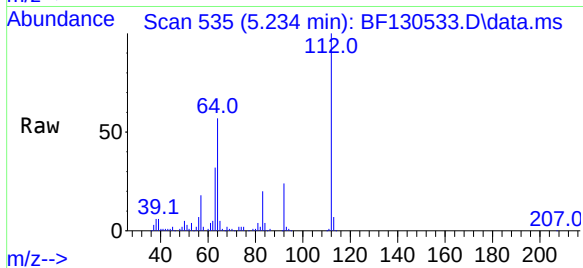
#5
2-Fluorophenol
Concen: 20.606 ng
RT: 5.234 min Scan# 511
Delta R.T. 0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

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PAT-01-100322MSD

Tgt Ion: 112 Resp: 88660
Ion Ratio Lower Upper
112 100
64 57.4 51.4 77.0
63 31.8 28.8 43.2

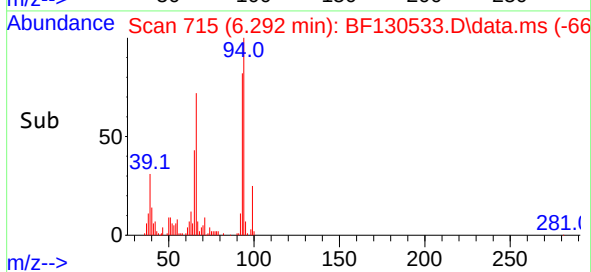
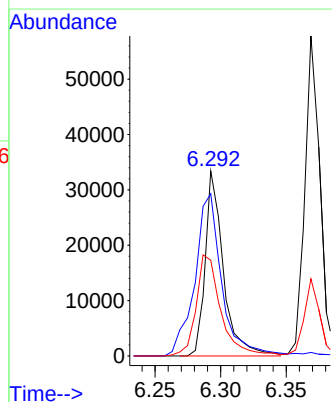
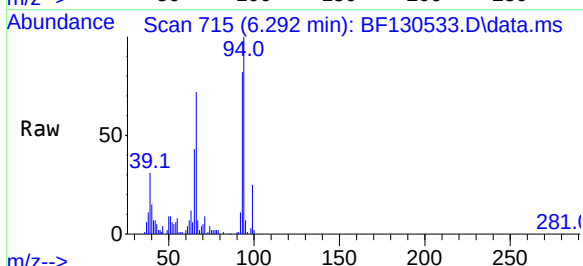
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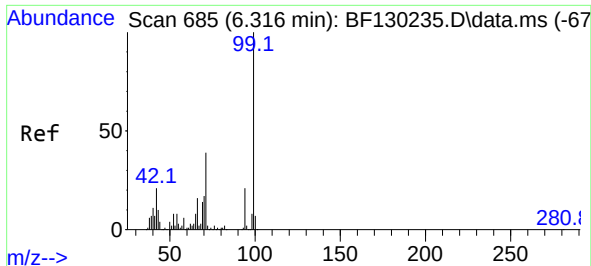
Reviewed By :Christian Giraldo 10/06/2022
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#6
Aniline
Concen: 4.868 ng
RT: 6.292 min Scan# 715
Delta R.T. -0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

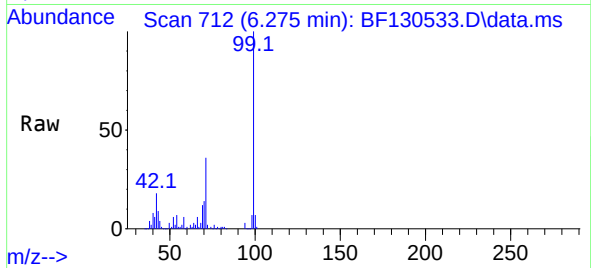
Tgt Ion: 93 Resp: 32290
Ion Ratio Lower Upper
93 100
66 87.7 34.2 51.4#
65 51.7 16.6 24.8#





#7
Phenol-d6
Concen: 20.640 ng
RT: 6.275 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

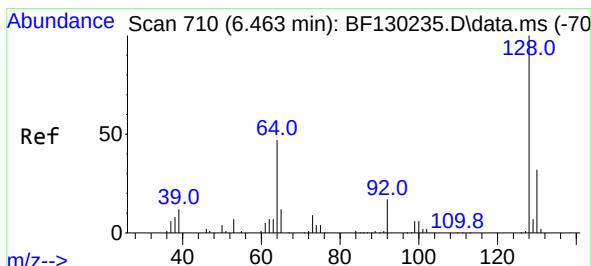
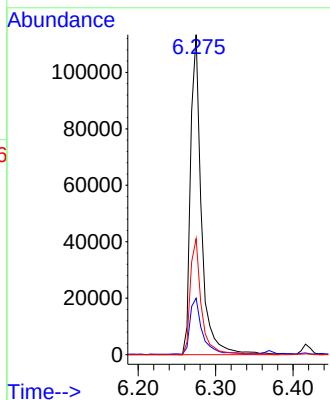
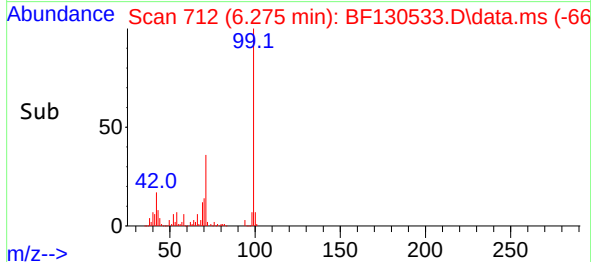
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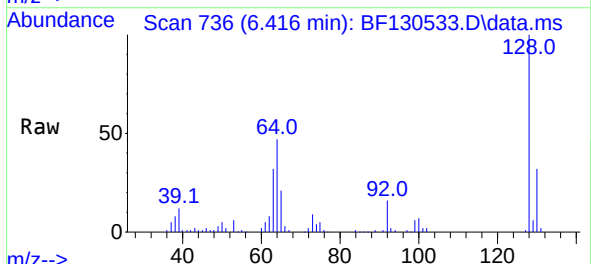
Tgt Ion: 99 Resp: 111110
Ion Ratio Lower Upper
99 100
42 17.6 17.0 25.6
71 36.3 32.3 48.5

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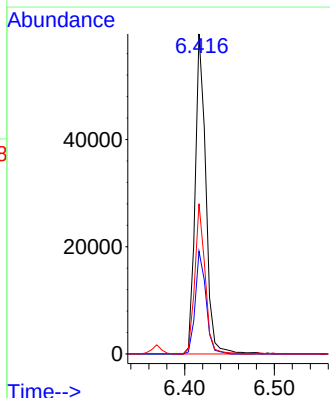
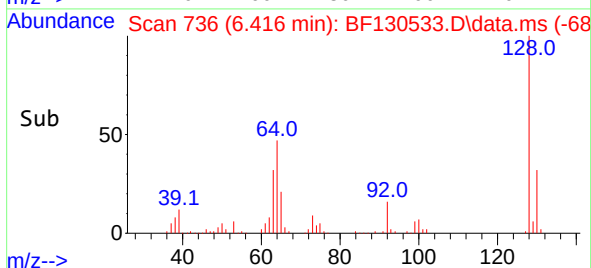
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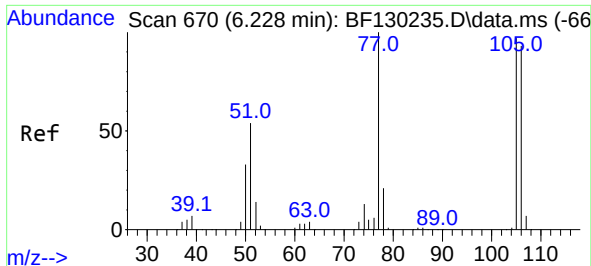


#8
2-Chlorophenol
Concen: 10.080 ng
RT: 6.416 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04



Tgt Ion:128 Resp: 49403
Ion Ratio Lower Upper
128 100
130 32.1 12.4 52.4
64 47.0 31.6 71.6





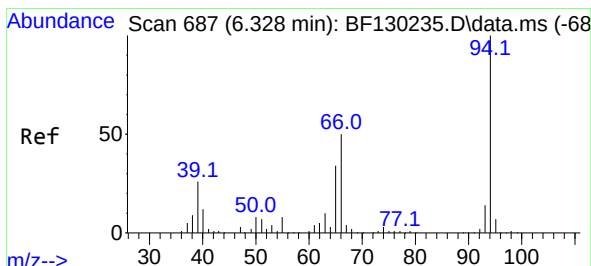
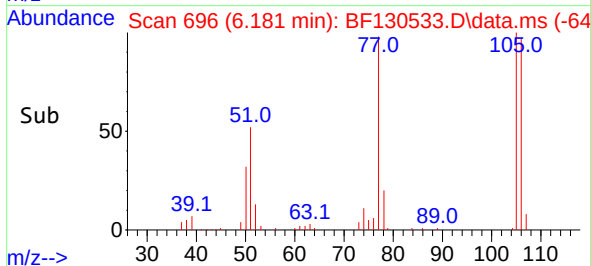
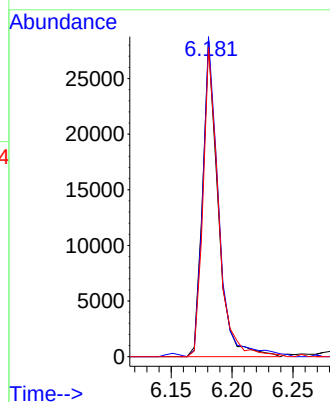
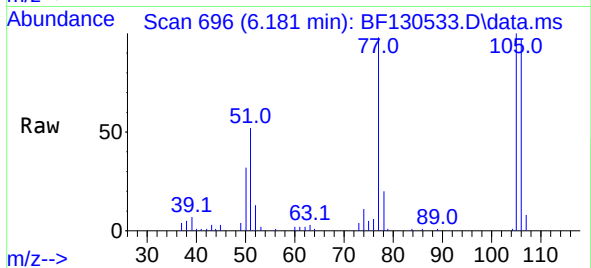
#9
Benzaldehyde
Concen: 6.917 ng
RT: 6.181 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

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ClientSampleId :
PAT-01-100322MSD

Tgt Ion: 77 Resp: 2494
Ion Ratio Lower Upper
77 100
105 102.0 75.1 115.1
106 98.5 69.7 109.7

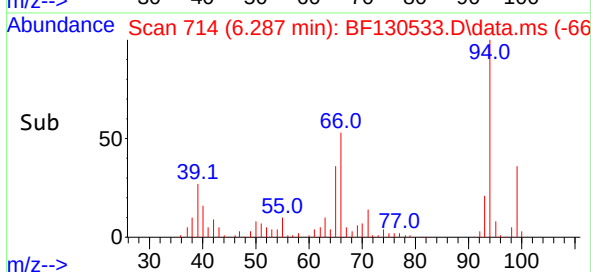
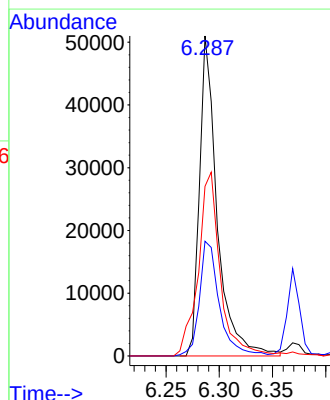
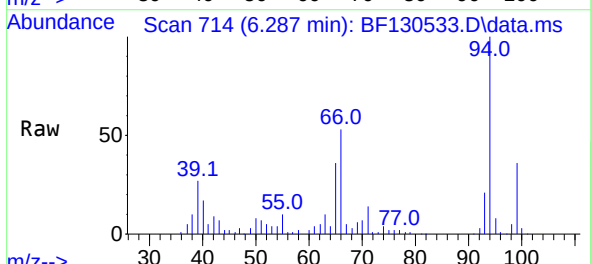
Manual Integrations
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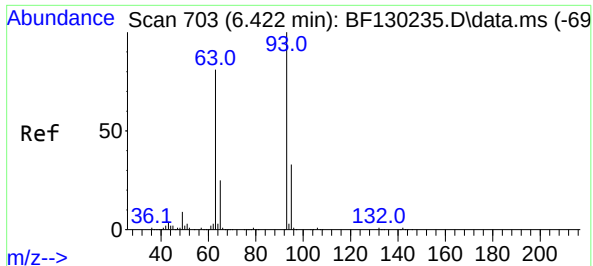
Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022



#10
Phenol
Concen: 9.385 ng
RT: 6.287 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

Tgt Ion: 94 Resp: 59210
Ion Ratio Lower Upper
94 100
65 35.8 14.1 54.1
66 53.0 28.1 68.1





#11

bis(2-Chloroethyl)ether

Concen: 10.206 ng

RT: 6.369 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF130533.D

Acq: 05 Oct 2022 17:04

Instrument :

BNA_F

ClientSampleId :

PAT-01-100322MSD

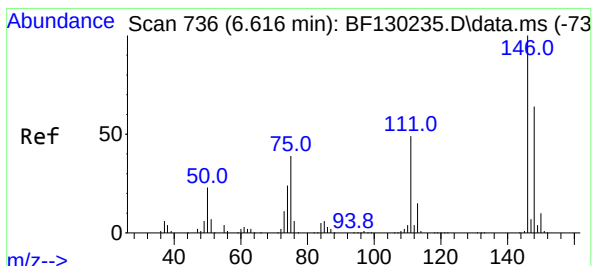
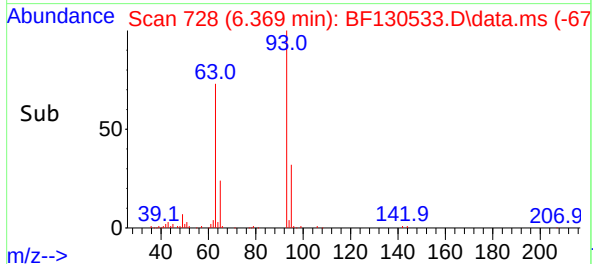
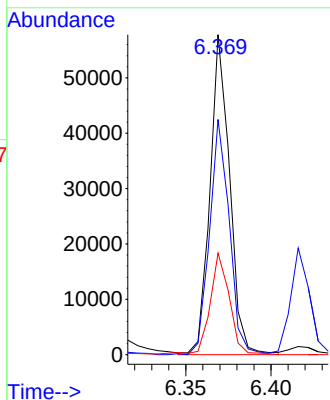
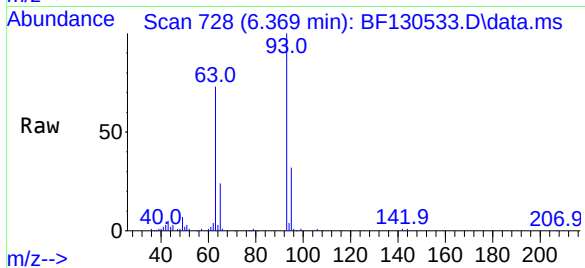
Tgt Ion: 93 Resp: 4644

Ion	Ratio	Lower	Upper
93	100		
63	73.5	62.5	102.5
95	31.8	12.5	52.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022



#12

1,3-Dichlorobenzene

Concen: 9.811 ng

RT: 6.569 min Scan# 762

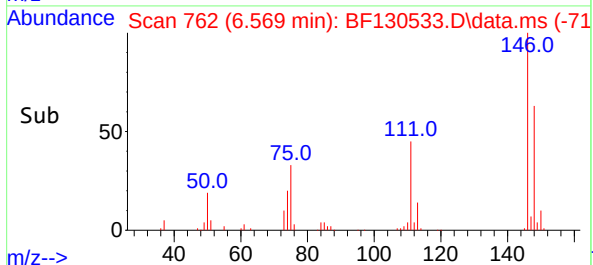
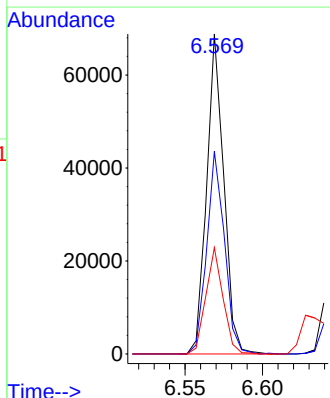
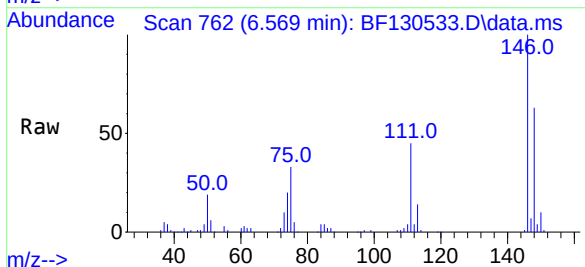
Delta R.T. -0.000 min

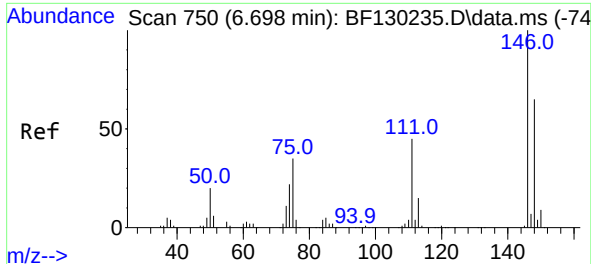
Lab File: BF130533.D

Acq: 05 Oct 2022 17:04

Tgt Ion:146 Resp: 52913

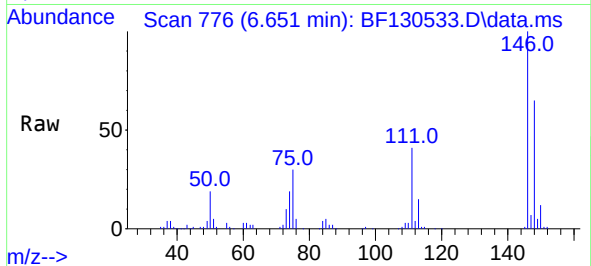
Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.4	77.2
75	33.2	28.8	43.2





#13
1,4-Dichlorobenzene
Concen: 9.870 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

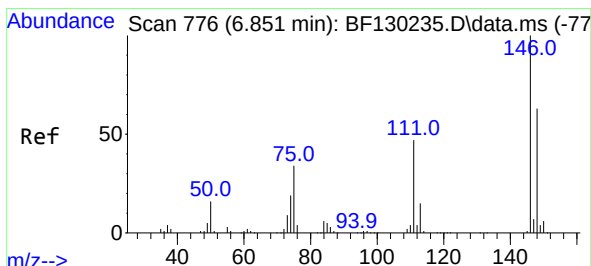
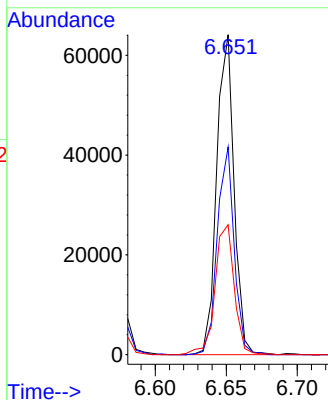
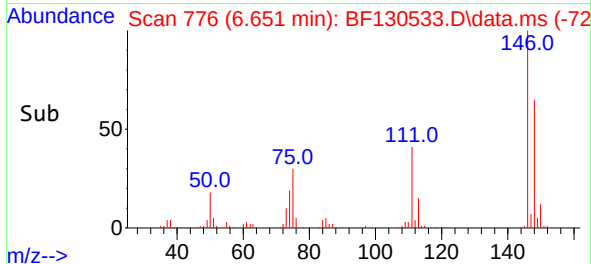
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD



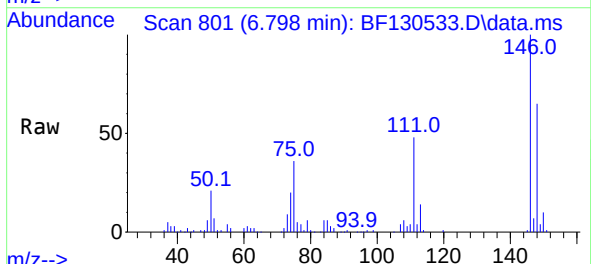
Tgt Ion:146 Resp: 5428
Ion Ratio Lower Upper
146 100
148 64.9 50.3 75.5
111 40.6 36.3 54.5

Manual Integrations
APPROVED

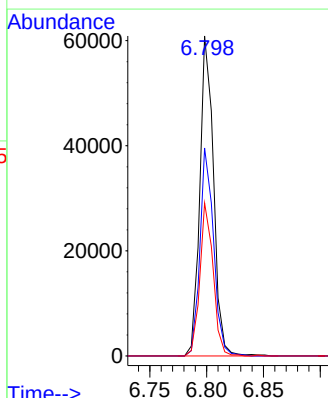
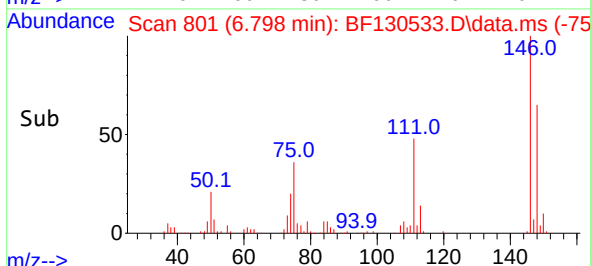
Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022

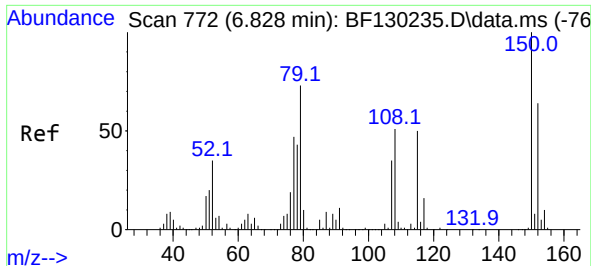


#14
1,2-Dichlorobenzene
Concen: 9.962 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04



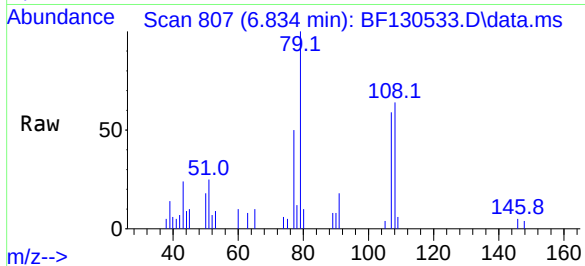
Tgt Ion:146 Resp: 51178
Ion Ratio Lower Upper
146 100
148 65.0 51.6 77.4
111 47.8 39.2 58.8





#15
Benzyl Alcohol
Concen: 5.104 ng m
RT: 6.834 min Scan# 807
Delta R.T. 0.047 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

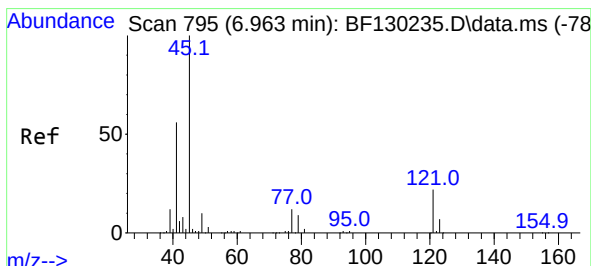
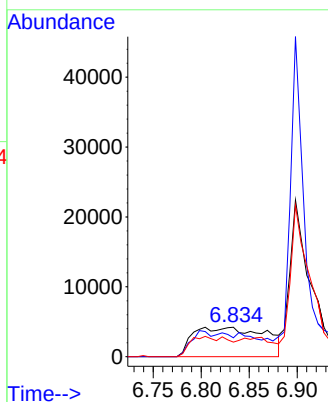
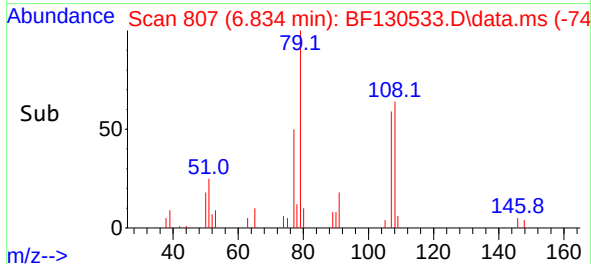
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD



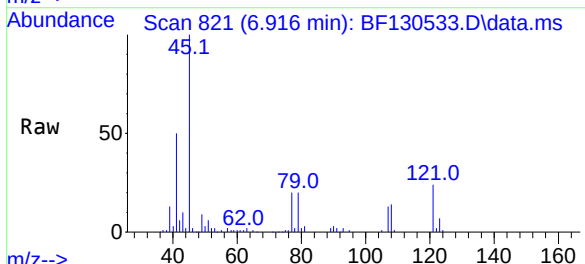
Tgt Ion: 79 Resp: 21785
Ion Ratio Lower Upper
79 100
108 63.9 54.0 81.0
77 49.6 51.3 76.9

Manual Integrations
APPROVED

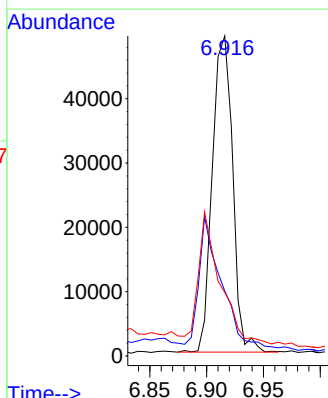
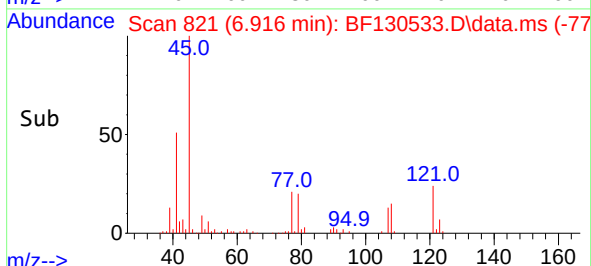
Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022



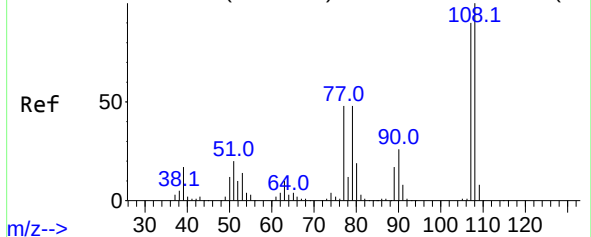
#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.238 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04



Tgt Ion: 45 Resp: 61315
Ion Ratio Lower Upper
45 100
77 20.3 0.0 34.9
79 19.9 0.0 31.0

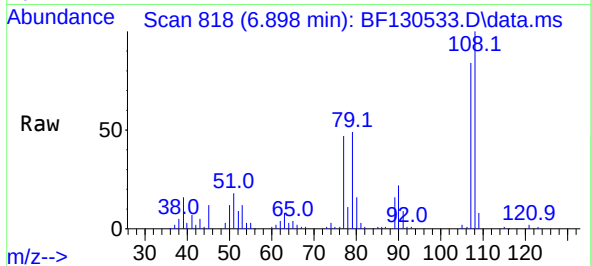


Abundance Scan 790 (6.934 min): BF130235.D\data.ms (-78



#17
2-Methylphenol
Concen: 10.390 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

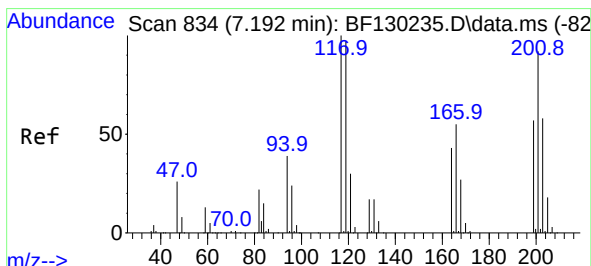
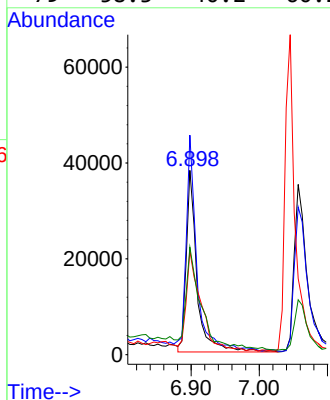
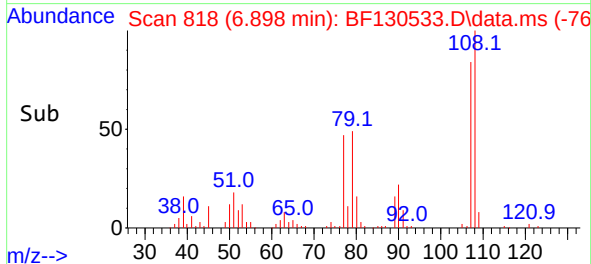
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD



Tgt Ion:107 Resp: 41395
Ion Ratio Lower Upper
107 100
108 119.1 89.4 134.0
77 56.3 40.6 60.8
79 58.3 40.2 60.2

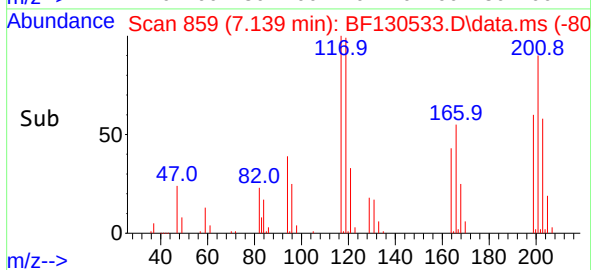
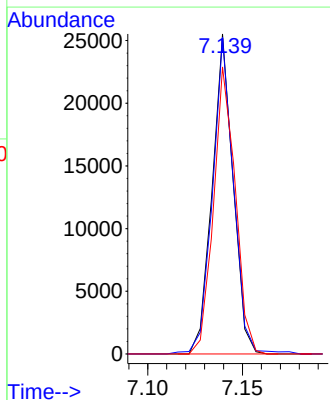
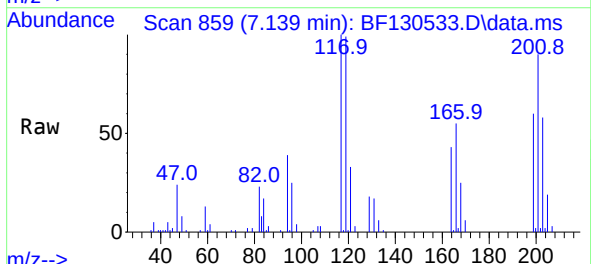
Manual Integrations
APPROVED

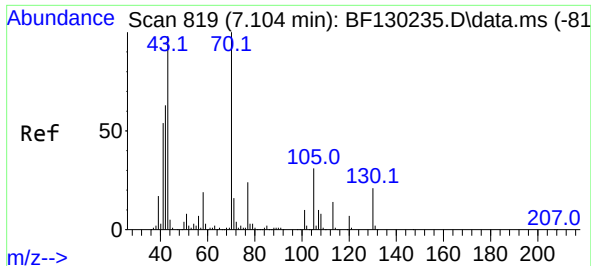
Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022



#18
Hexachloroethane
Concen: 9.001 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

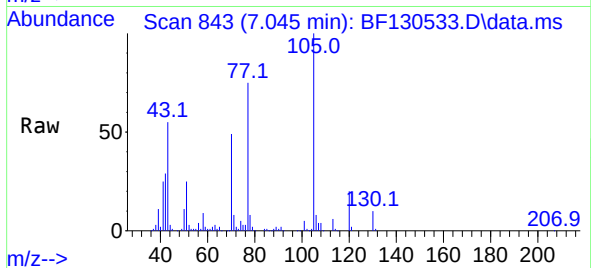
Tgt Ion:117 Resp: 19513
Ion Ratio Lower Upper
117 100
119 98.9 77.8 116.6
201 89.7 68.7 103.1





#19
n-Nitroso-di-n-propylamine
Concen: 9.388 ng
RT: 7.045 min Scan# 843
Delta R.T. -0.012 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

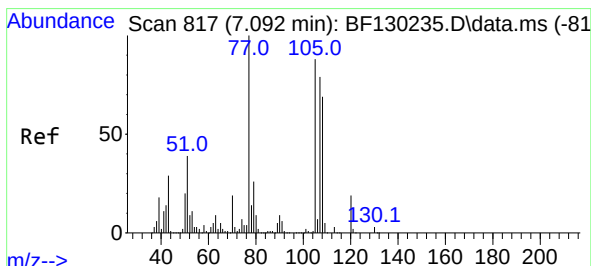
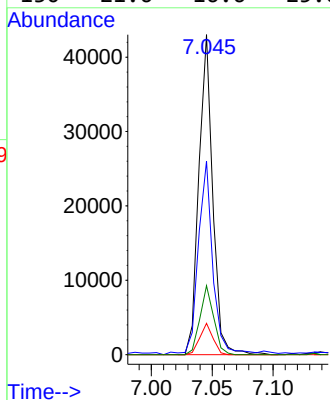
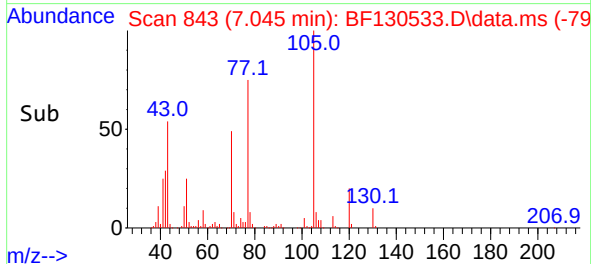
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD



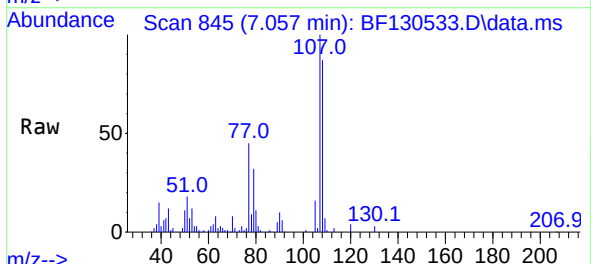
Tgt Ion: 70 Resp: 3410
Ion Ratio Lower Upper
70 100
42 60.5 50.8 76.2
101 9.8 8.2 12.4
130 21.6 16.6 25.0

Manual Integrations
APPROVED

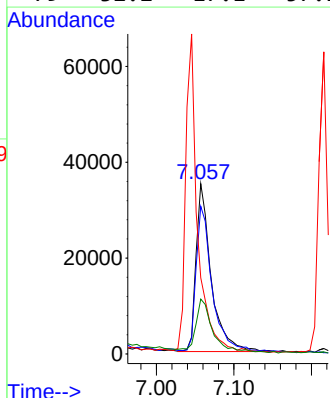
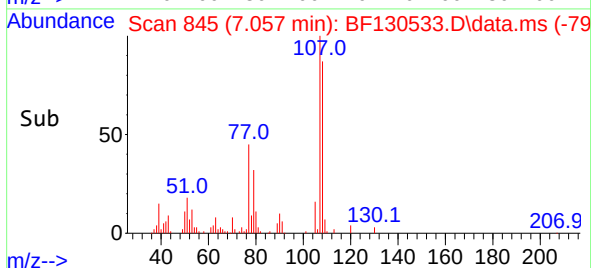
Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022

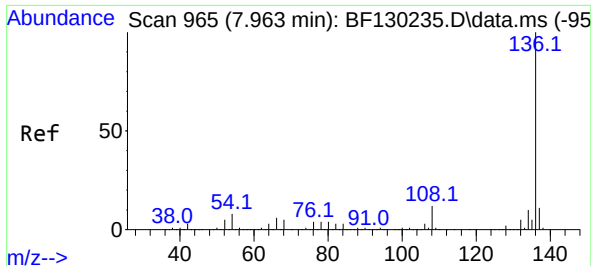


#20
3+4-Methylphenols
Concen: 9.243 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04



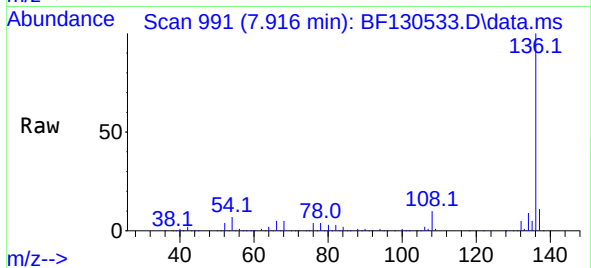
Tgt Ion:107 Resp: 47838
Ion Ratio Lower Upper
107 100
108 86.7 74.8 114.8
77 44.7 125.8 165.8#
79 32.2 17.1 57.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.916 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

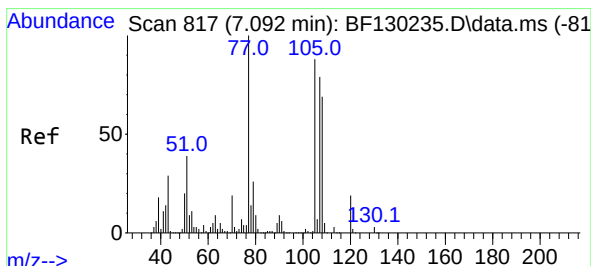
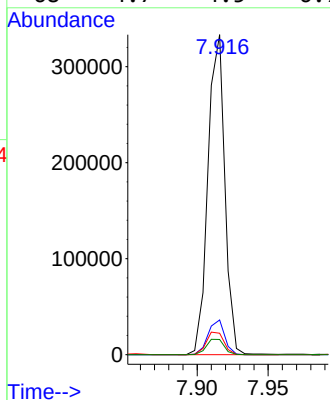
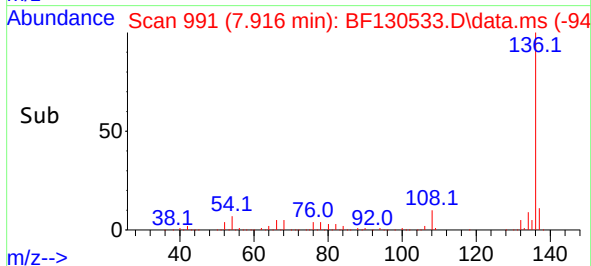
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD



Tgt Ion:136 Resp: 275188
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 6.7 7.1 10.7
68 4.7 4.5 6.7

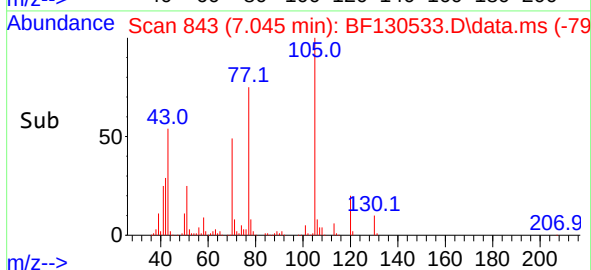
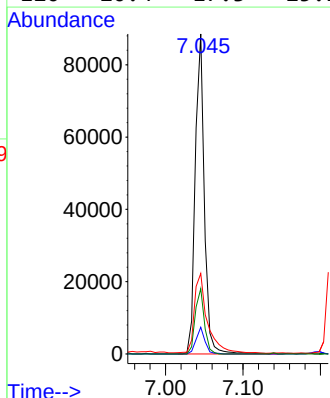
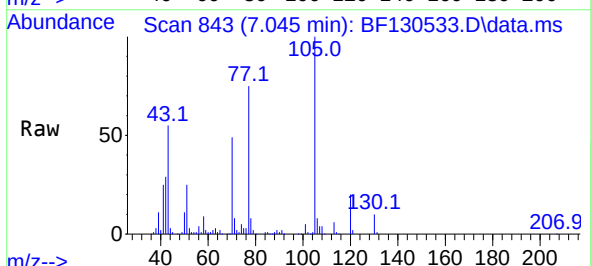
Manual Integrations
APPROVED

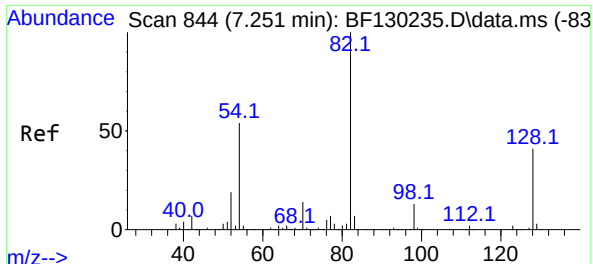
Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022



#22
Acetophenone
Concen: 10.724 ng
RT: 7.045 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

Tgt Ion:105 Resp: 72149
Ion Ratio Lower Upper
105 100
71 8.4 3.9 5.9#
51 25.2 32.2 48.2#
120 20.4 17.3 25.9





#23

Nitrobenzene-d5

Concen: 12.689 ng

RT: 7.198 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF130533.D

Acq: 05 Oct 2022 17:04

Instrument :

BNA_F

ClientSampleId :

PAT-01-100322MSD

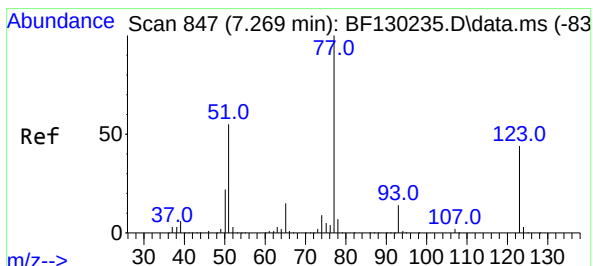
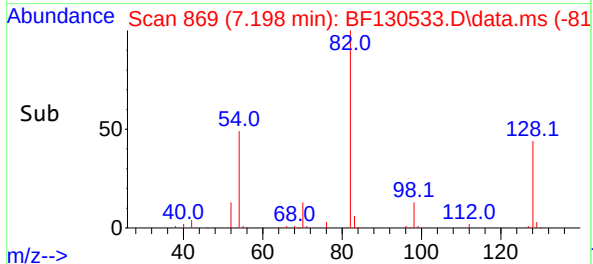
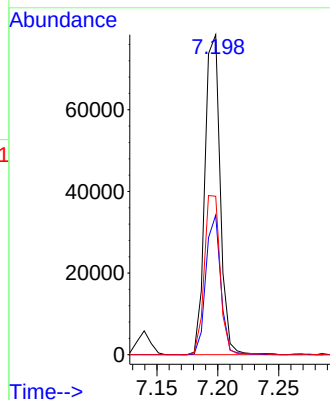
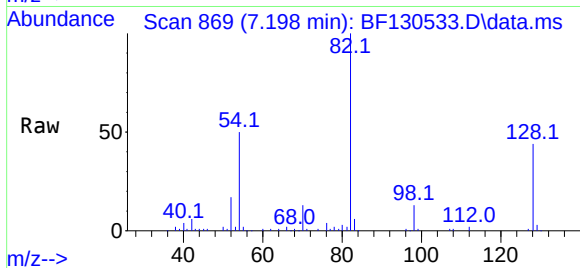
Tgt Ion: 82 Resp: 68349

Ion	Ratio	Lower	Upper
82	100		
128	43.6	32.6	49.0
54	49.5	43.8	65.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022



#24

Nitrobenzene

Concen: 9.123 ng

RT: 7.216 min Scan# 872

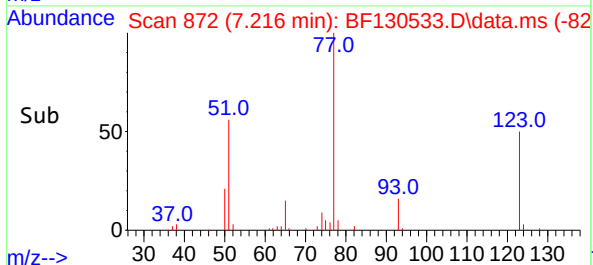
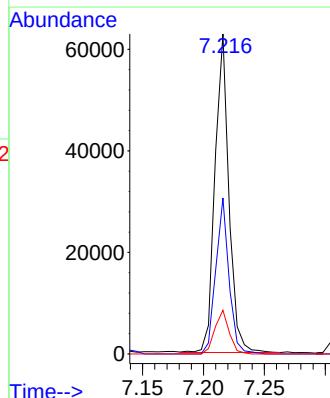
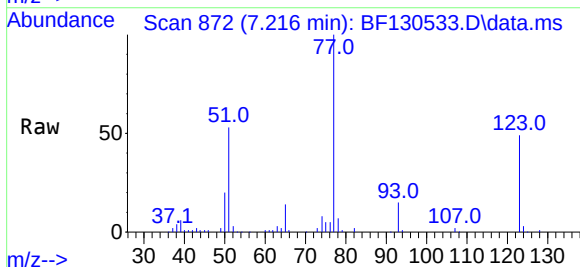
Delta R.T. -0.006 min

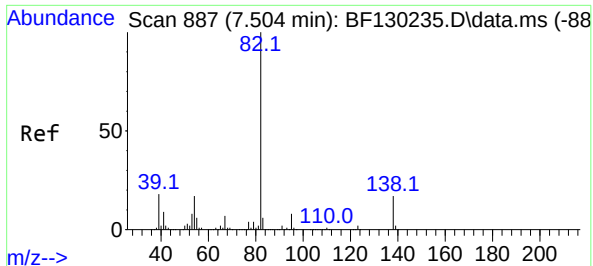
Lab File: BF130533.D

Acq: 05 Oct 2022 17:04

Tgt Ion: 77 Resp: 49899

Ion	Ratio	Lower	Upper
77	100		
123	48.8	34.3	51.5
65	13.7	12.0	18.0





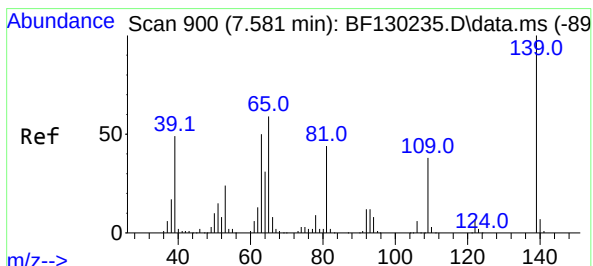
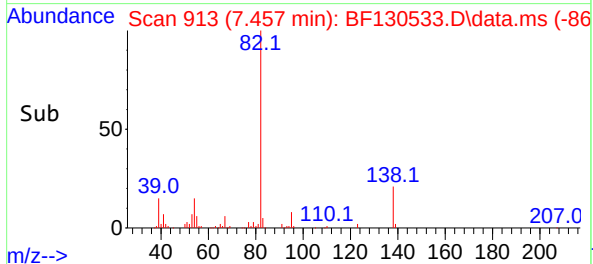
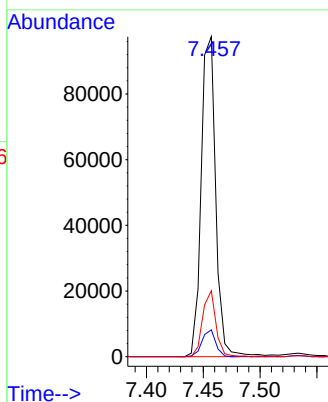
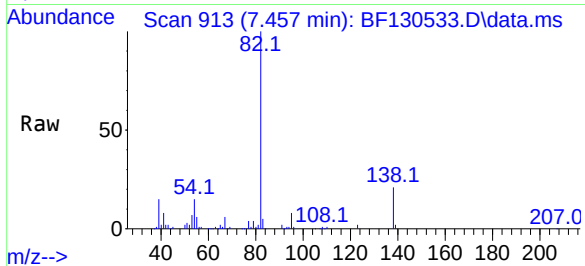
#25
Isophorone
Concen: 10.017 ng
RT: 7.457 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD

Tgt Ion: 82 Resp: 8696
Ion Ratio Lower Upper
82 100
95 8.4 6.4 9.6
138 20.6 13.8 20.6

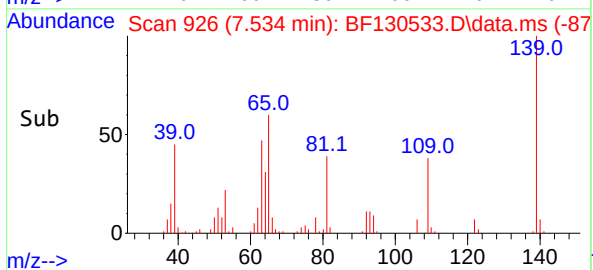
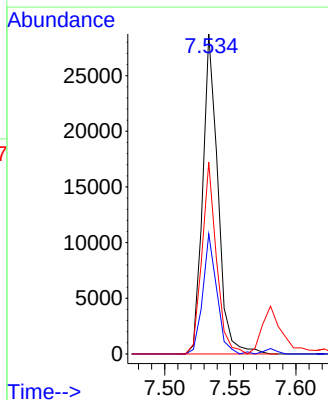
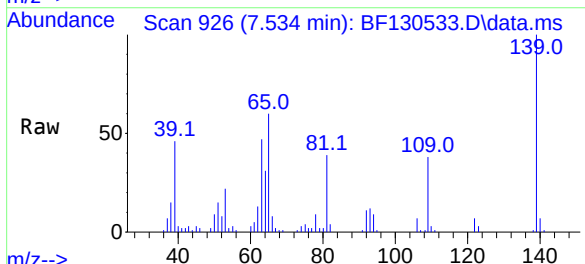
Manual Integrations
APPROVED

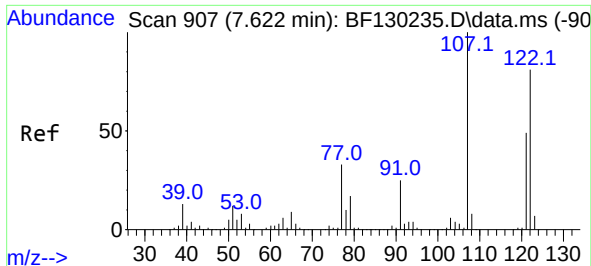
Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022



#26
2-Nitrophenol
Concen: 10.373 ng
RT: 7.534 min Scan# 926
Delta R.T. -0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

Tgt Ion:139 Resp: 23258
Ion Ratio Lower Upper
139 100
109 37.6 30.2 45.4
65 59.9 48.9 73.3





#27

2,4-Dimethylphenol

Concen: 11.431 ng

RT: 7.581 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF130533.D

Acq: 05 Oct 2022 17:04

Instrument :

BNA_F

ClientSampleId :

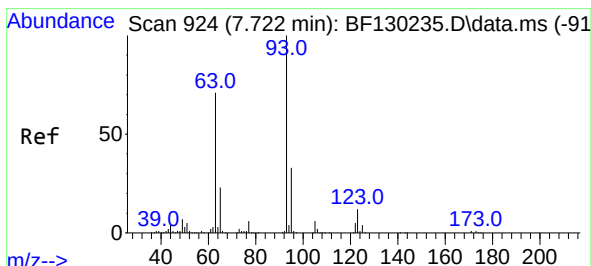
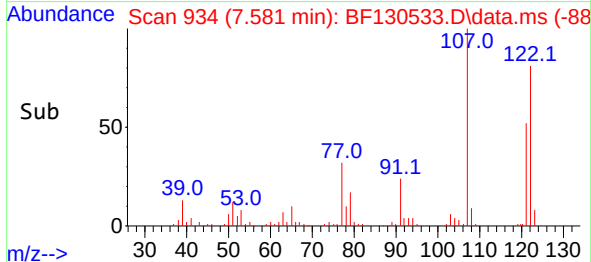
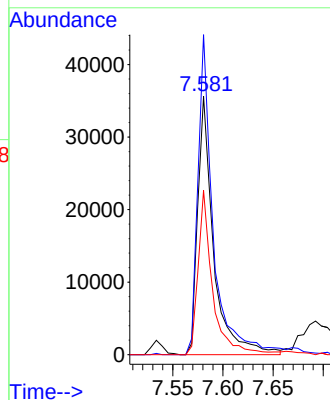
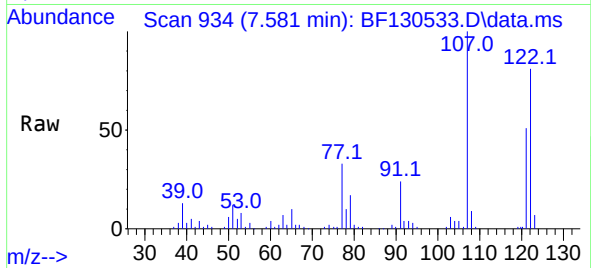
PAT-01-100322MSD

Tgt Ion:122 Resp: 39464
 Ion Ratio Lower Upper
 122 100
 107 123.8 100.2 150.2
 121 63.6 47.8 71.8

Manual Integrations

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Reviewed By :Christian Giraldo 10/06/2022
 Supervised By :mohammad ahmed 10/14/2022



#28

bis(2-Chloroethoxy)methane

Concen: 11.212 ng

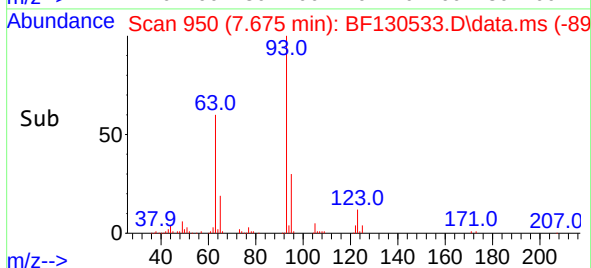
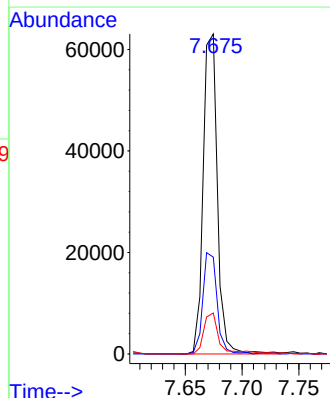
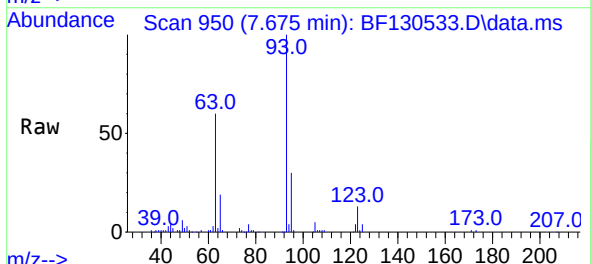
RT: 7.675 min Scan# 950

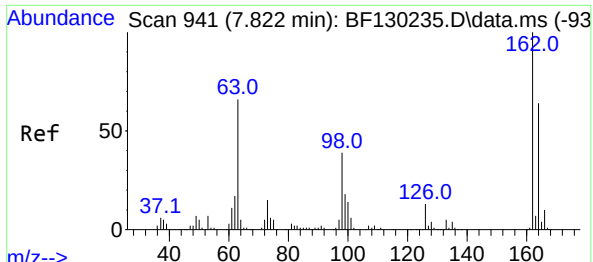
Delta R.T. -0.000 min

Lab File: BF130533.D

Acq: 05 Oct 2022 17:04

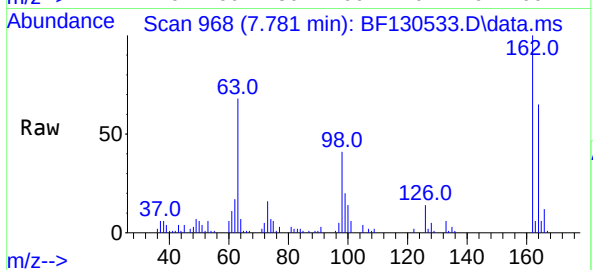
Tgt Ion: 93 Resp: 54811
 Ion Ratio Lower Upper
 93 100
 95 30.2 26.3 39.5
 123 12.8 9.4 14.2





#29
2,4-Dichlorophenol
Concen: 9.201 ng
RT: 7.781 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

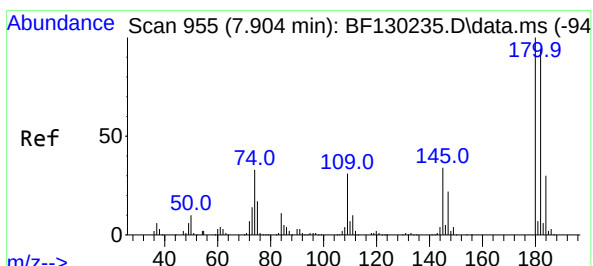
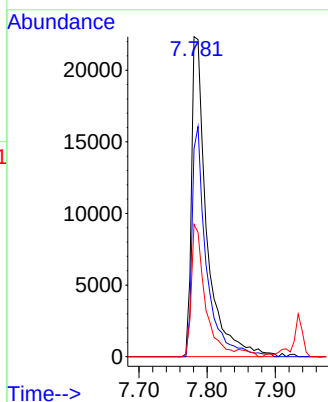
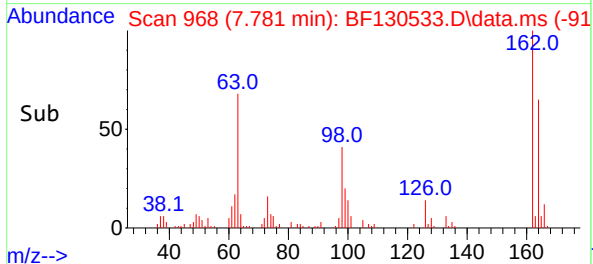
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD



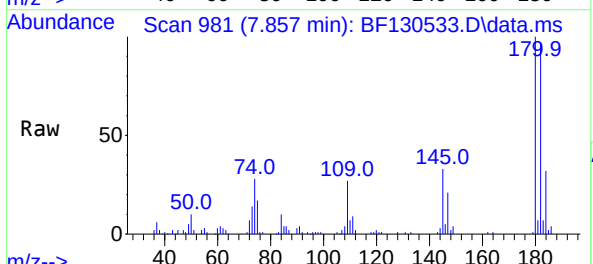
Tgt Ion:162 Resp: 3480
Ion Ratio Lower Upper
162 100
164 65.0 42.2 82.2
98 41.3 21.7 61.7

Manual Integrations
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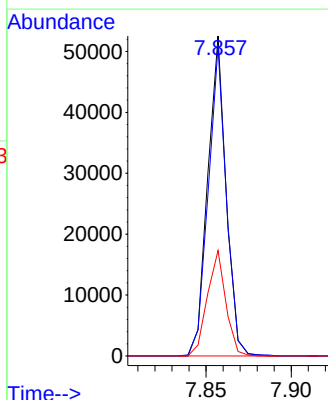
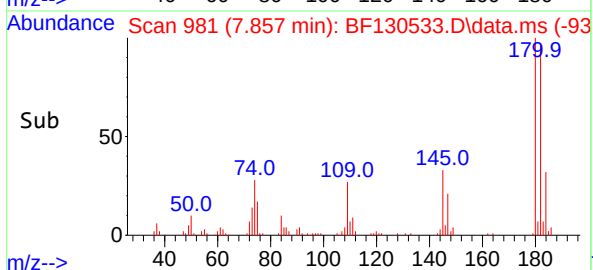
Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022

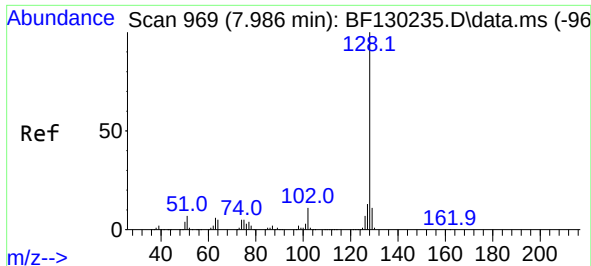


#30
1,2,4-Trichlorobenzene
Concen: 9.562 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04



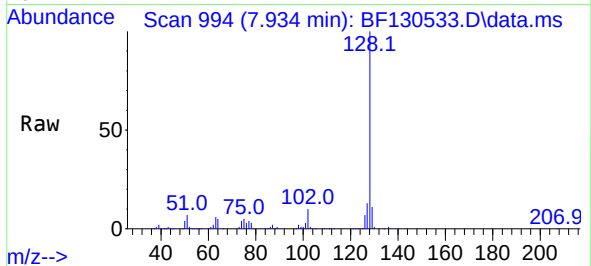
Tgt Ion:180 Resp: 39108
Ion Ratio Lower Upper
180 100
182 96.9 73.3 109.9
145 33.0 28.3 42.5





#31
Naphthalene
Concen: 10.038 ng
RT: 7.934 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

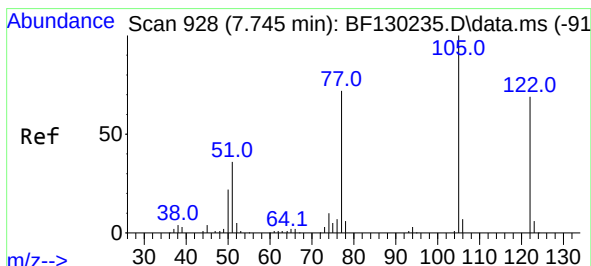
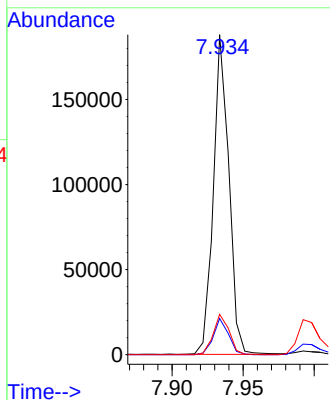
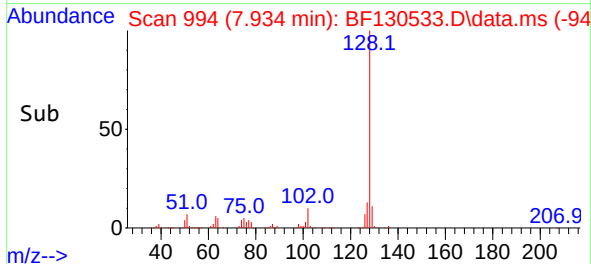
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD



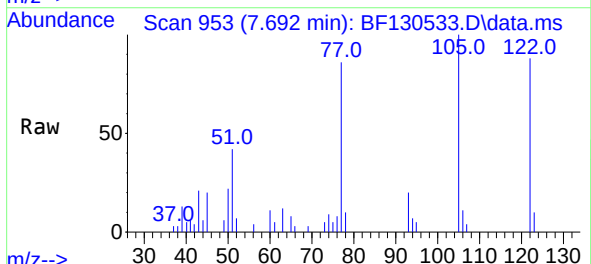
Tgt Ion:128 Resp: 142319
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 12.6 10.6 16.0

Manual Integrations
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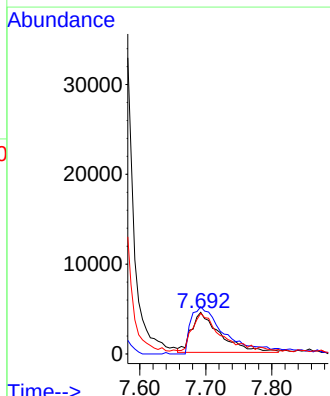
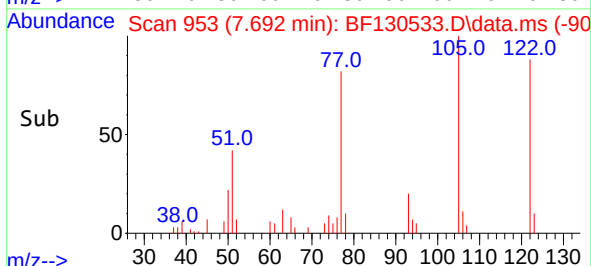
Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022

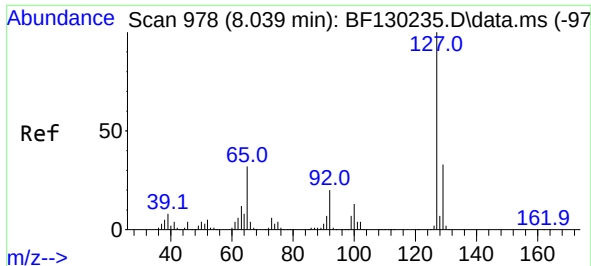


#32
Benzoic acid
Concen: 5.132 ng m
RT: 7.692 min Scan# 953
Delta R.T. -0.029 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04



Tgt Ion:122 Resp: 13701
Ion Ratio Lower Upper
122 100
105 113.6 112.9 152.9
77 97.7 82.8 122.8





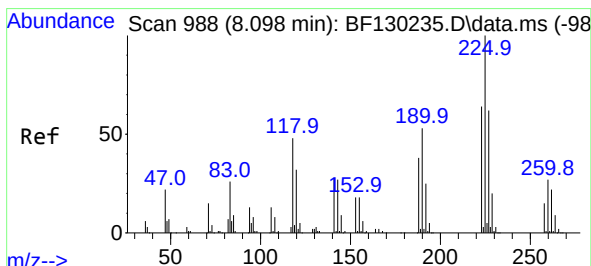
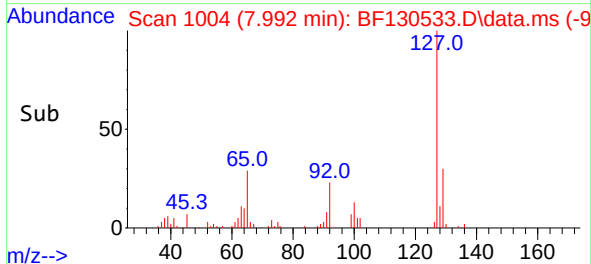
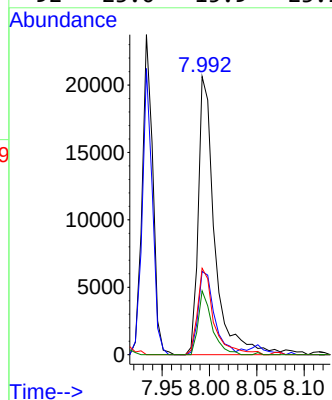
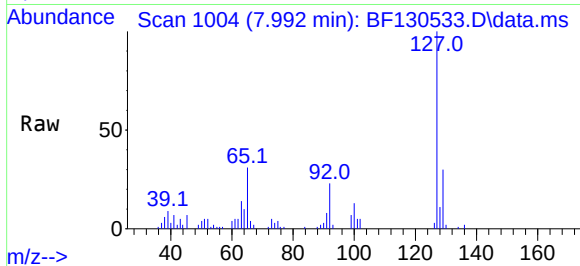
#33
4-Chloroaniline
Concen: 4.606 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD

Tgt Ion:	127	Resp:	24830
Ion Ratio	Lower	Upper	
127	100		
129	29.9	25.6	38.4
65	31.1	27.0	40.6
92	23.0	15.9	23.9

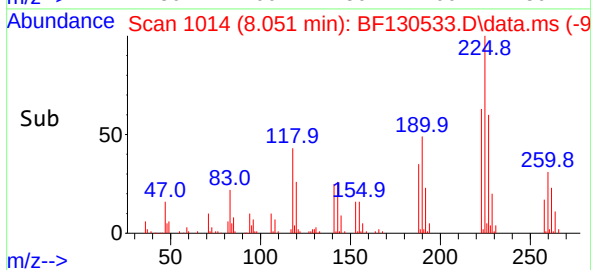
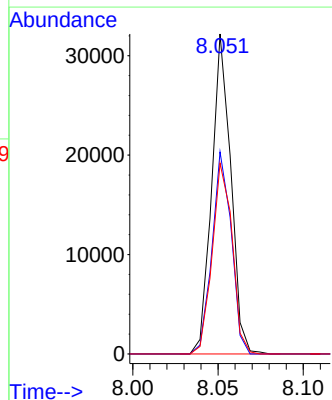
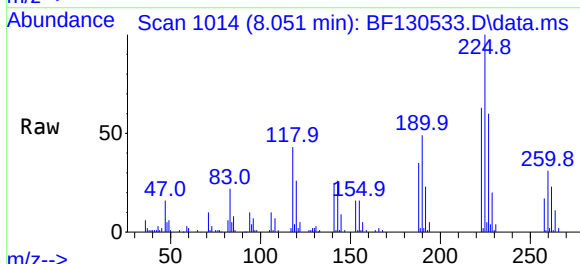
Manual Integrations
APPROVED

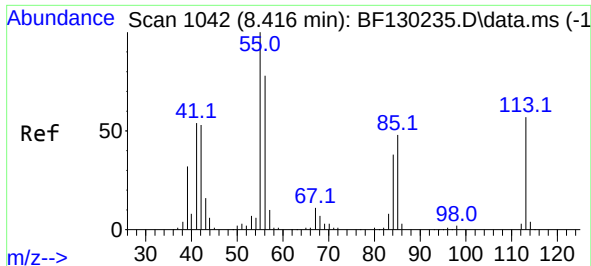
Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022



#34
Hexachlorobutadiene
Concen: 9.574 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

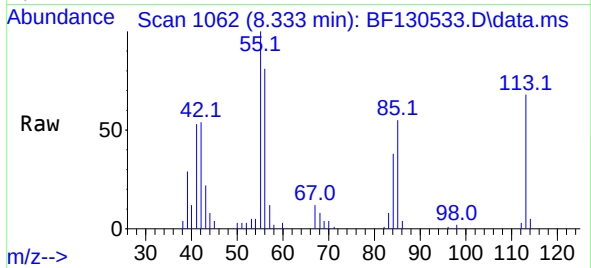
Tgt Ion:	225	Resp:	25025
Ion Ratio	Lower	Upper	
225	100		
223	63.1	50.3	75.5
227	59.6	51.1	76.7





#35
 Caprolactam
 Concen: 9.793 ng
 RT: 8.333 min Scan# 1062
 Delta R.T. -0.041 min
 Lab File: BF130533.D
 Acq: 05 Oct 2022 17:04

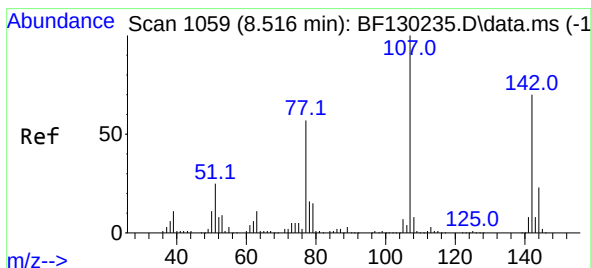
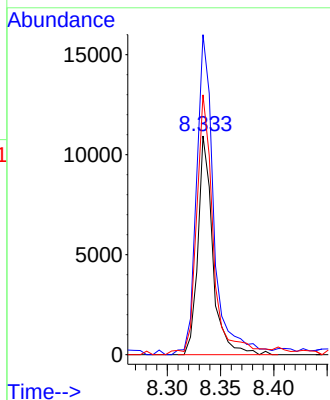
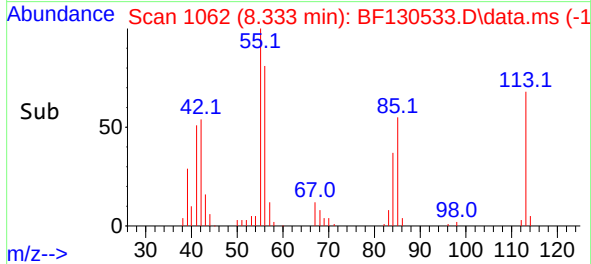
Instrument :
 BNA_F
 ClientSampleId :
 PAT-01-100322MSD



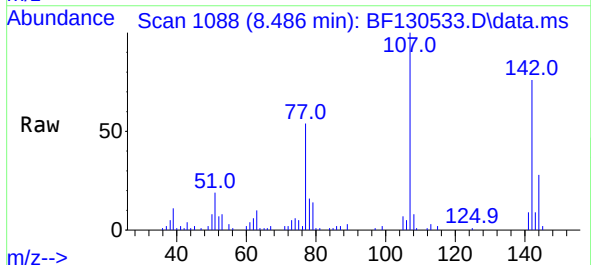
Tgt Ion:113 Resp: 1062
 Ion Ratio Lower Upper
 113 100
 55 146.3 155.4 195.4
 56 118.8 120.4 160.4

Manual Integrations
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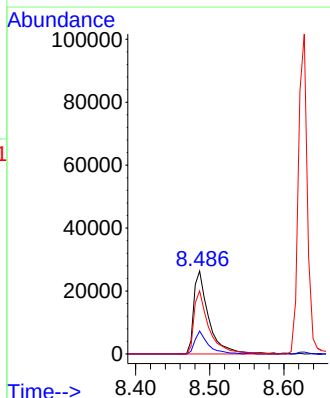
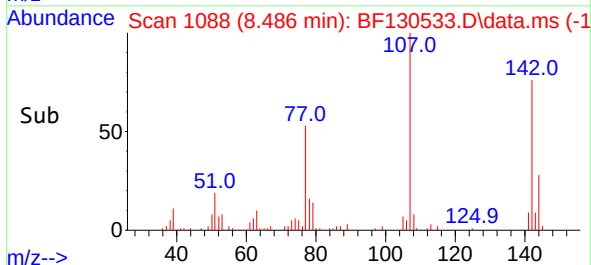
Reviewed By :Christian Giraldo 10/06/2022
 Supervised By :mohammad ahmed 10/14/2022

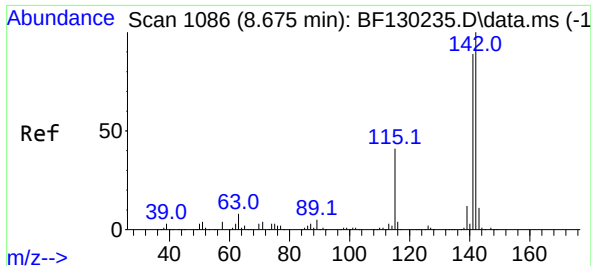


#36
 4-Chloro-3-methylphenol
 Concen: 8.823 ng
 RT: 8.486 min Scan# 1088
 Delta R.T. 0.006 min
 Lab File: BF130533.D
 Acq: 05 Oct 2022 17:04



Tgt Ion:107 Resp: 36996
 Ion Ratio Lower Upper
 107 100
 144 27.7 20.0 30.0
 142 76.0 61.3 91.9





#37

2-Methylnaphthalene

Concen: 9.544 ng

RT: 8.628 min Scan# 1112

Delta R.T. -0.000 min

Lab File: BF130533.D

Acq: 05 Oct 2022 17:04

Instrument :

BNA_F

ClientSampleId :

PAT-01-100322MSD

Tgt Ion:142 Resp: 86274

Ion Ratio Lower Upper

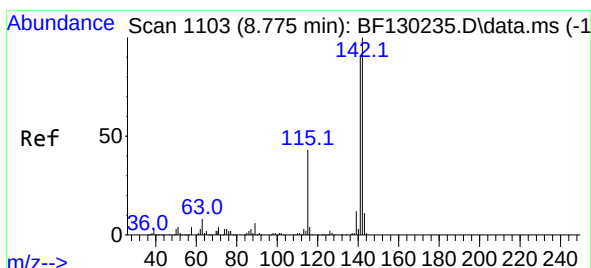
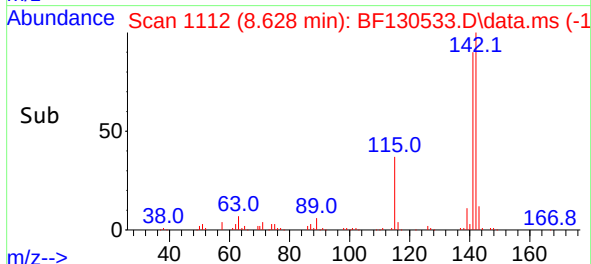
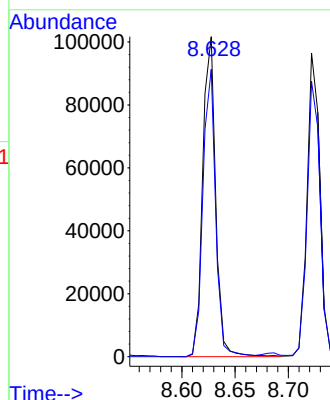
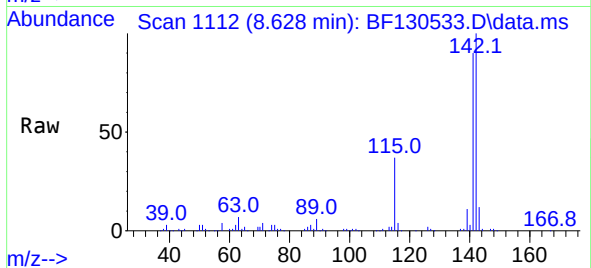
142 100

141 89.8 70.0 105.0

Manual Integrations

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Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022



#38

1-Methylnaphthalene

Concen: 9.320 ng

RT: 8.722 min Scan# 1128

Delta R.T. -0.006 min

Lab File: BF130533.D

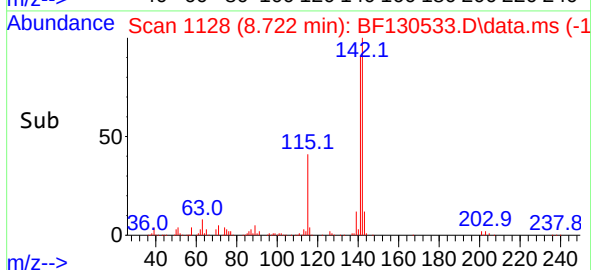
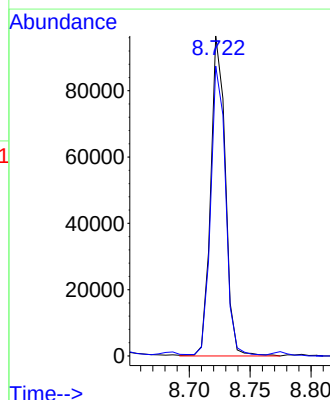
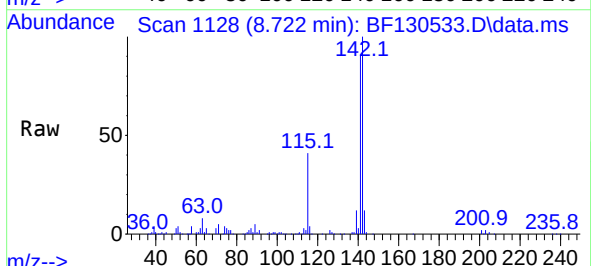
Acq: 05 Oct 2022 17:04

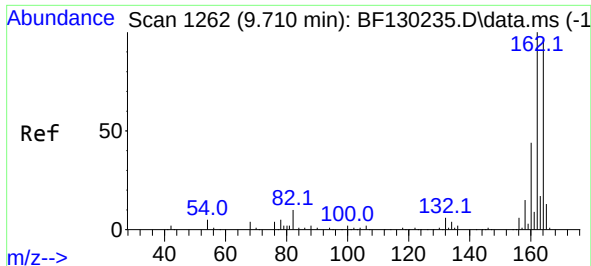
Tgt Ion:142 Resp: 80928

Ion Ratio Lower Upper

142 100

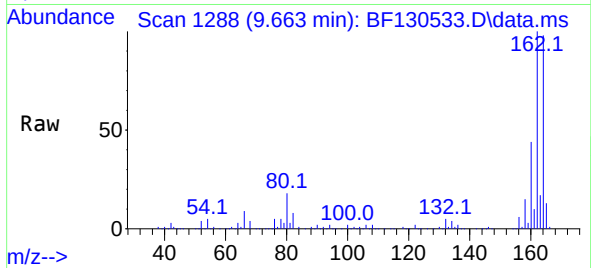
141 90.6 73.8 110.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.663 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

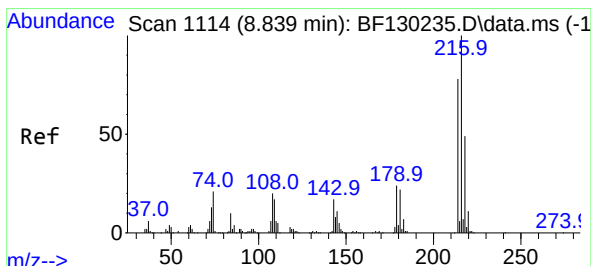
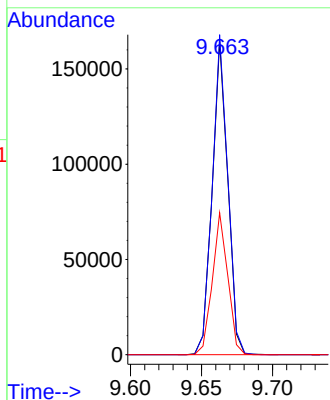
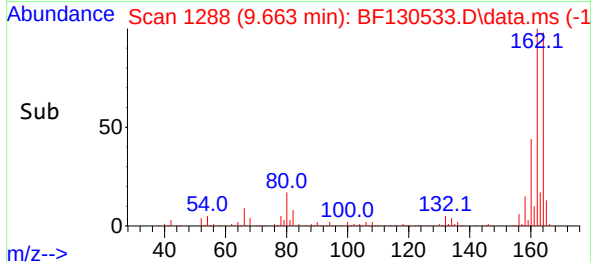
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD



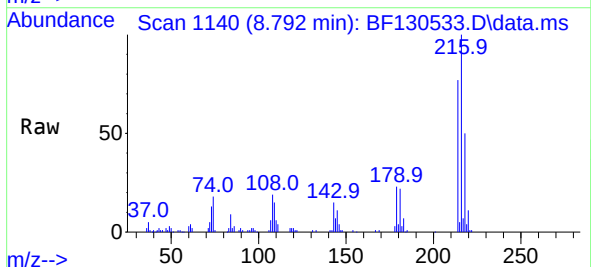
Tgt Ion:164 Resp: 125030
Ion Ratio Lower Upper
164 100
162 102.1 81.4 122.0
160 45.3 36.2 54.4

Manual Integrations
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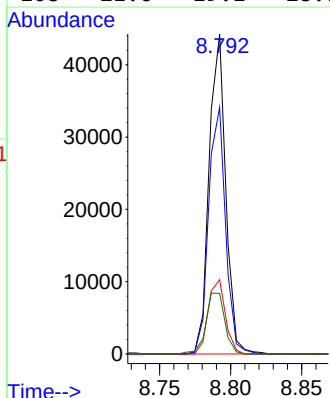
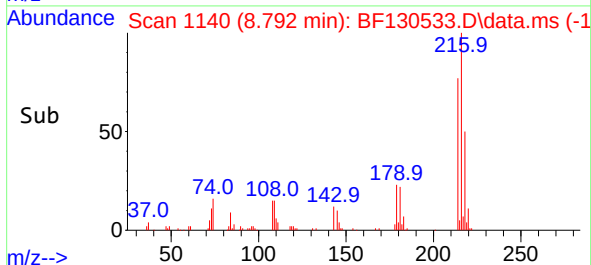
Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022

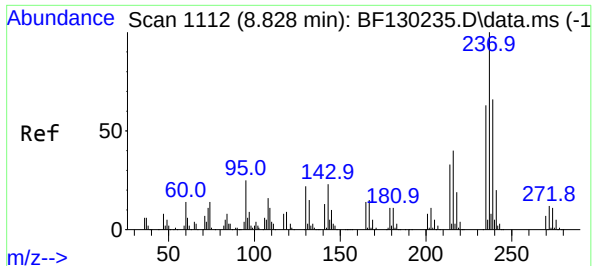


#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.542 ng
RT: 8.792 min Scan# 1140
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04



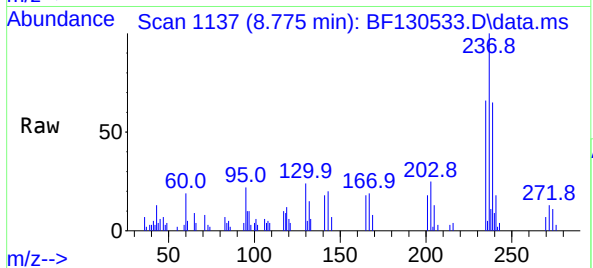
Tgt Ion:216 Resp: 35971
Ion Ratio Lower Upper
216 100
214 78.4 62.8 94.2
179 24.0 19.5 29.3
108 21.6 19.1 28.7





#41
Hexachlorocyclopentadiene
Concen: 2.883 ng
RT: 8.775 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

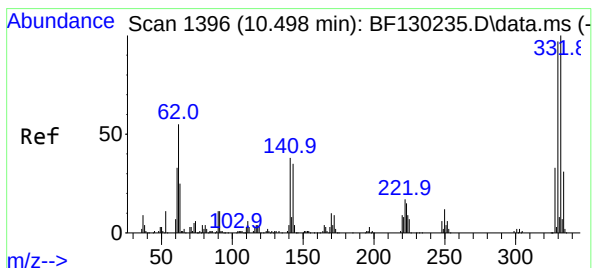
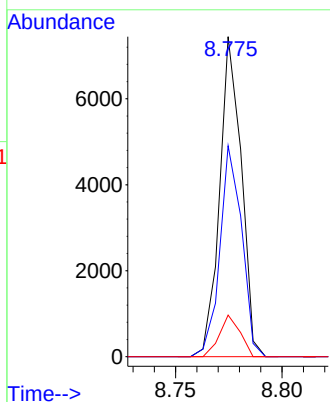
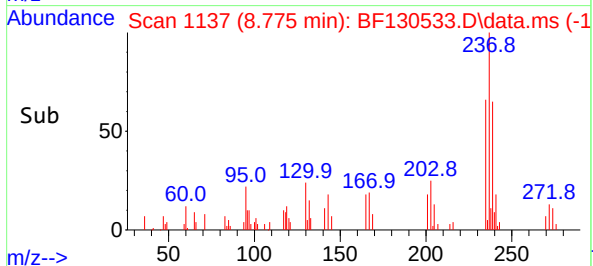
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD



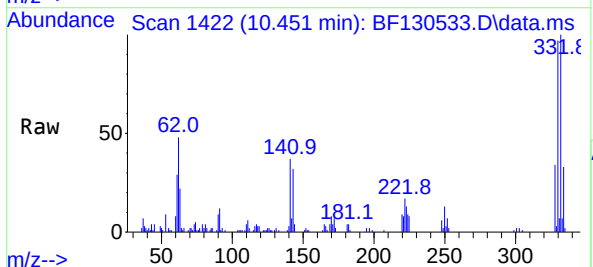
Tgt Ion:237 Resp: 5260
Ion Ratio Lower Upper
237 100
235 65.9 42.5 82.5
272 13.0 0.0 32.8

Manual Integrations
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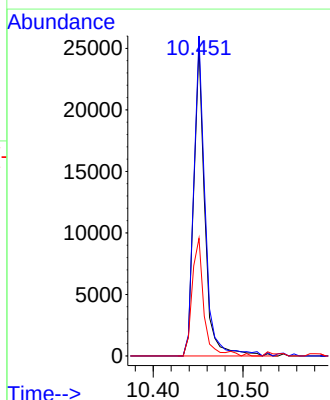
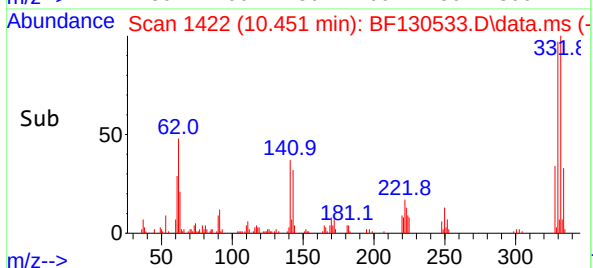
Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022

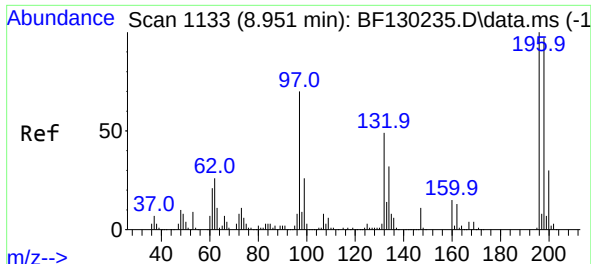


#42
2,4,6-Tribromophenol
Concen: 17.975 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04



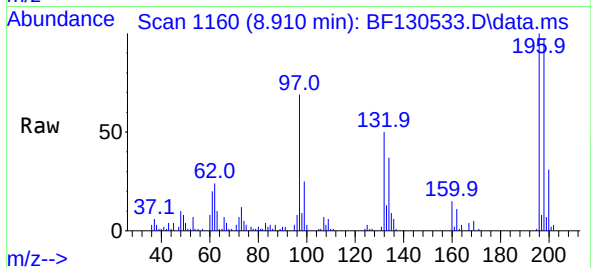
Tgt Ion:330 Resp: 21535
Ion Ratio Lower Upper
330 100
332 106.1 83.4 125.2
141 40.3 34.0 51.0





#43
2,4,6-Trichlorophenol
Concen: 8.995 ng
RT: 8.910 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

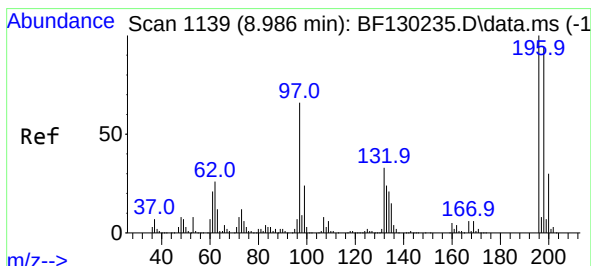
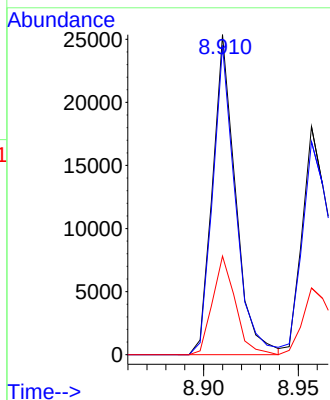
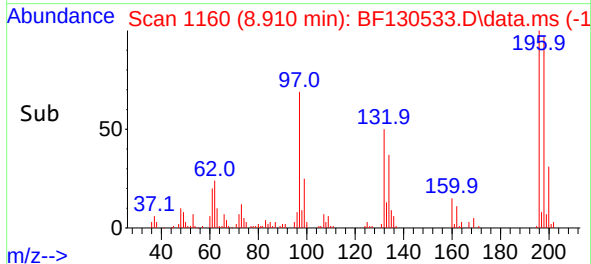
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD



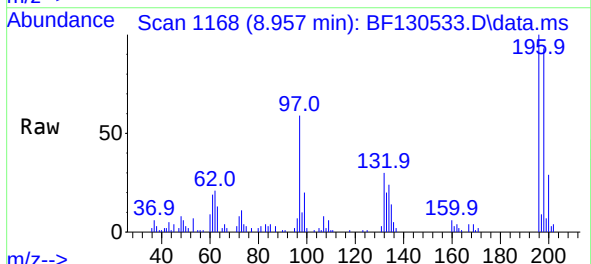
Tgt Ion:196 Resp: 21420
Ion Ratio Lower Upper
196 100
198 96.6 72.4 108.6
200 30.8 23.8 35.6

Manual Integrations
APPROVED

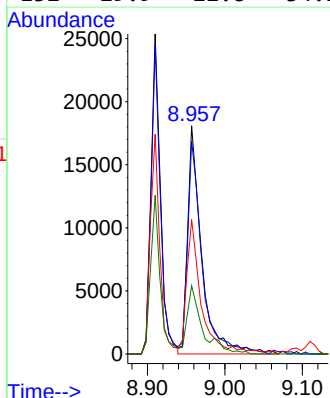
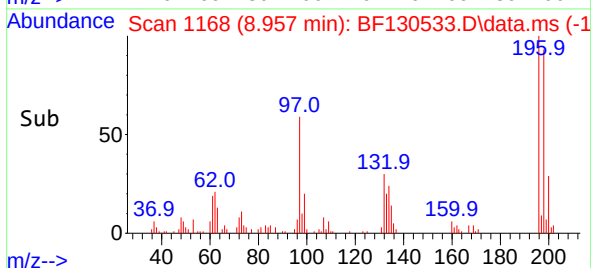
Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022

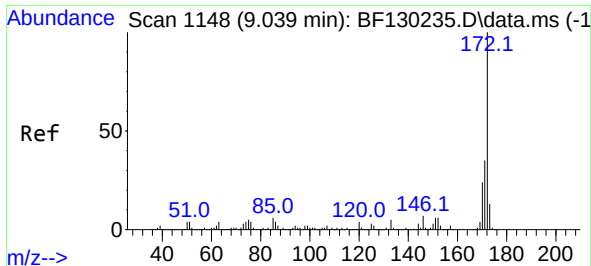


#44
2,4,5-Trichlorophenol
Concen: 8.949 ng
RT: 8.957 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04



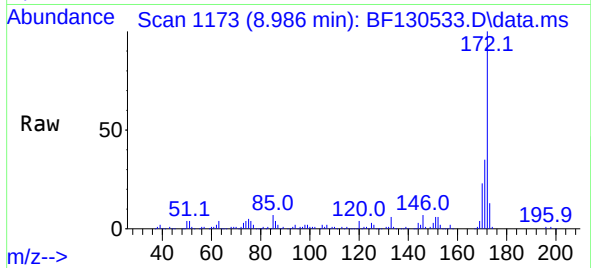
Tgt Ion:196 Resp: 22997
Ion Ratio Lower Upper
196 100
198 93.3 74.8 112.2
97 58.9 43.7 65.5
132 29.9 22.8 34.2





#45
2-Fluorobiphenyl
Concen: 14.028 ng
RT: 8.986 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

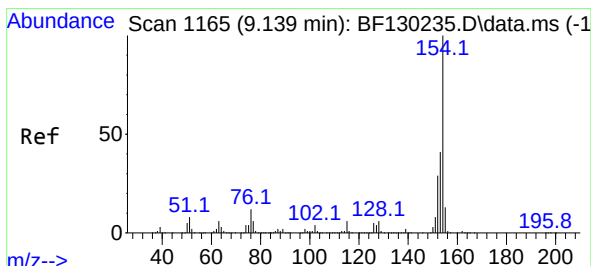
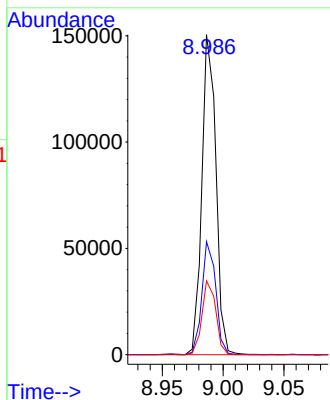
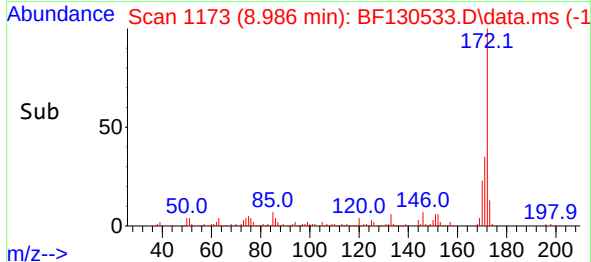
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD



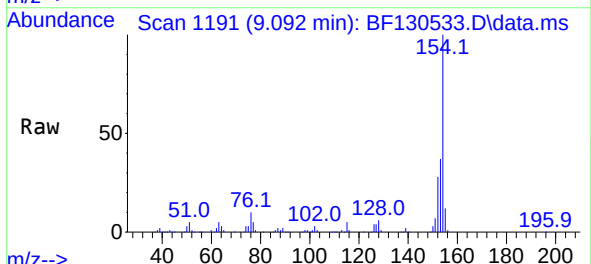
Tgt Ion:172 Resp: 120450
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.1 18.7 28.1

Manual Integrations
APPROVED

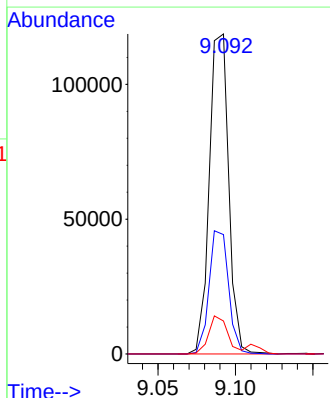
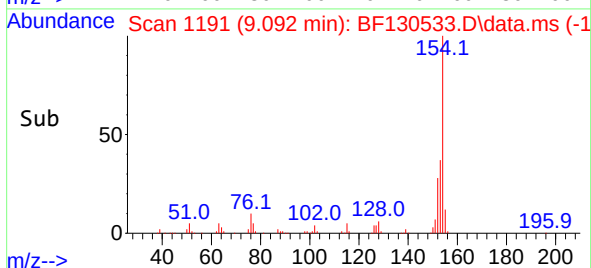
Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022

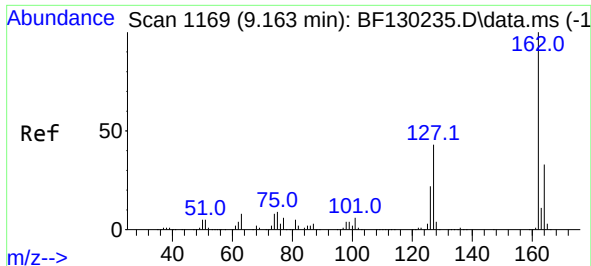


#46
1,1'-Biphenyl
Concen: 11.091 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04



Tgt Ion:154 Resp: 103569
Ion Ratio Lower Upper
154 100
153 37.3 20.0 60.0
76 10.3 0.0 33.3





#47

2-Chloronaphthalene

Concen: 10.106 ng

RT: 9.110 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF130533.D

Acq: 05 Oct 2022 17:04

Instrument :

BNA_F

ClientSampleId :

PAT-01-100322MSD

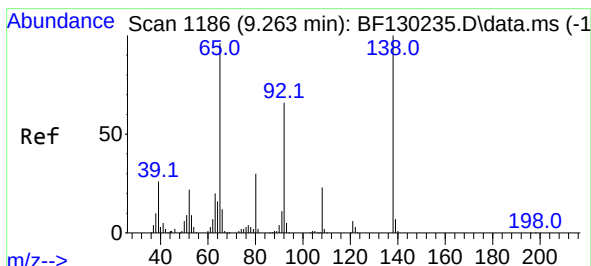
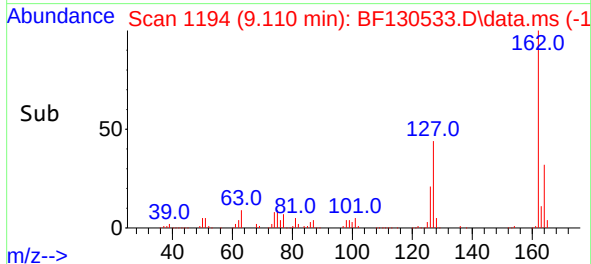
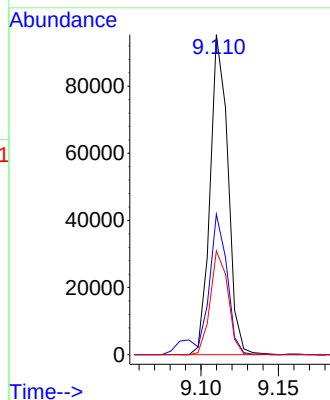
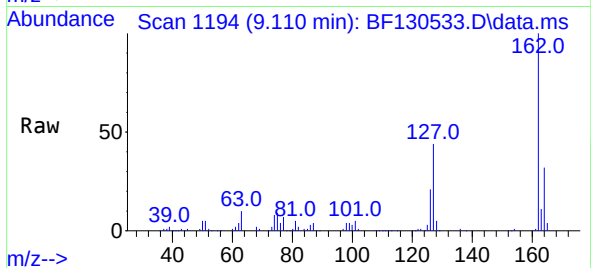
Tgt Ion:162 Resp: 76330

Ion	Ratio	Lower	Upper
162	100		
127	43.9	35.9	53.9
164	32.5	26.2	39.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022



#48

2-Nitroaniline

Concen: 9.031 ng

RT: 9.216 min Scan# 1212

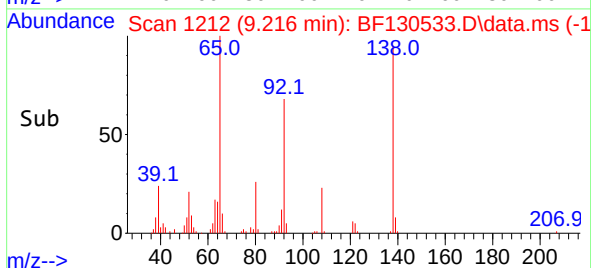
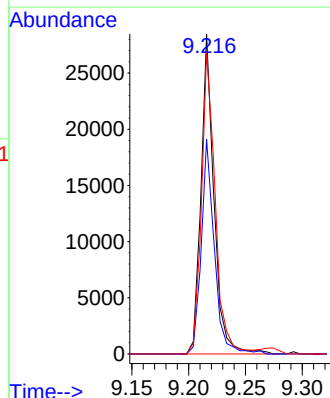
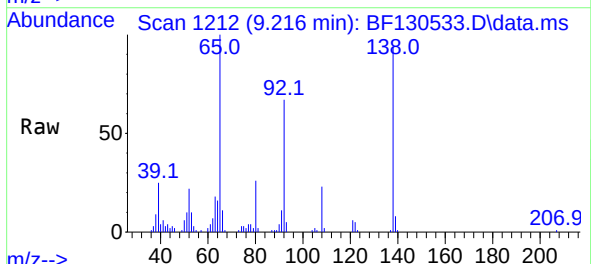
Delta R.T. -0.006 min

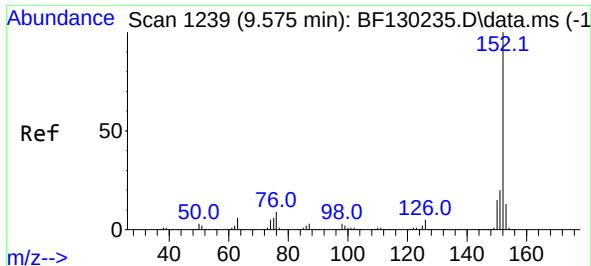
Lab File: BF130533.D

Acq: 05 Oct 2022 17:04

Tgt Ion: 65 Resp: 22753

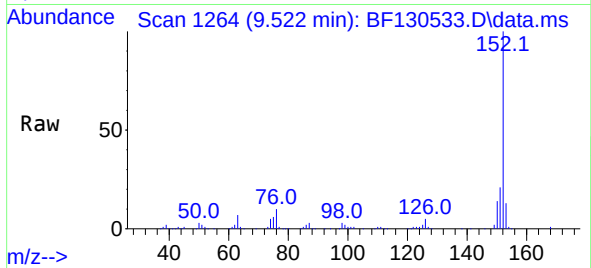
Ion	Ratio	Lower	Upper
65	100		
92	67.1	52.2	78.4
138	94.1	77.0	115.4





#49
Acenaphthylene
Concen: 10.001 ng
RT: 9.522 min Scan# 113270
Delta R.T. -0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

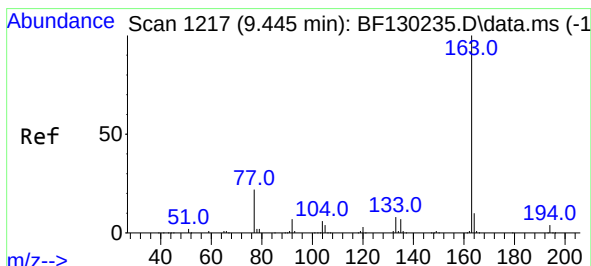
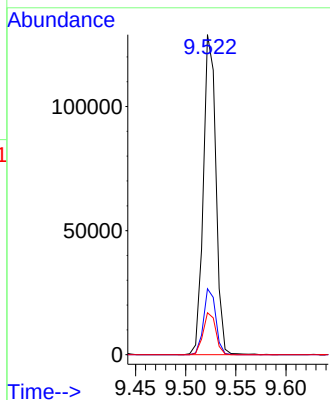
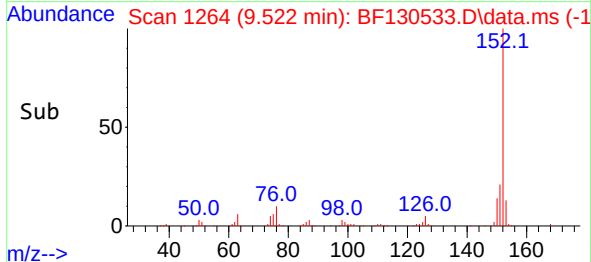
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD



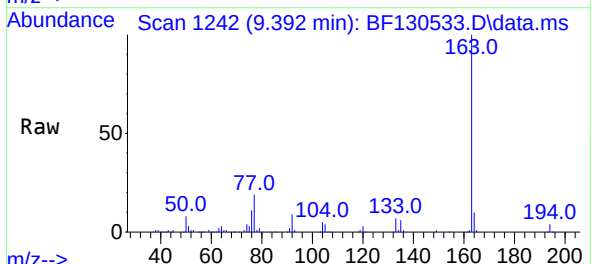
Tgt Ion:152 Resp: 113270
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.2
153 13.1 10.6 15.8

Manual Integrations
APPROVED

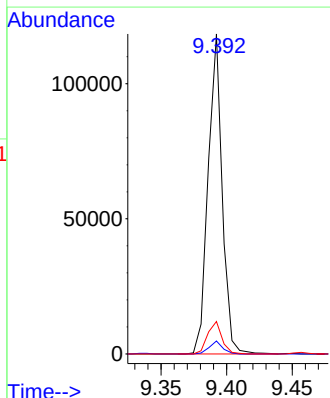
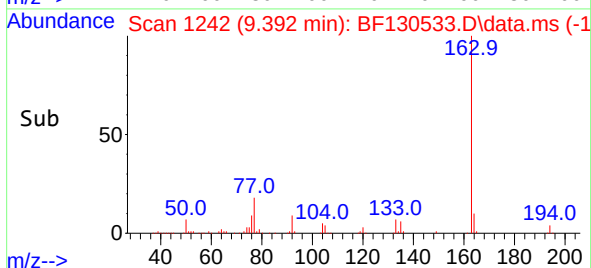
Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022

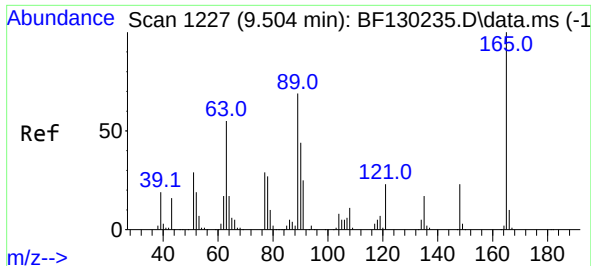


#50
Dimethylphthalate
Concen: 10.259 ng
RT: 9.392 min Scan# 1242
Delta R.T. -0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04



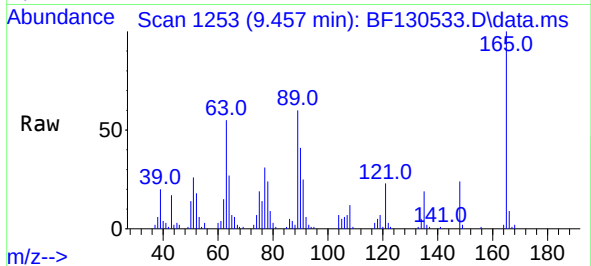
Tgt Ion:163 Resp: 88603
Ion Ratio Lower Upper
163 100
194 4.1 2.8 4.2
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 10.001 ng
RT: 9.457 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

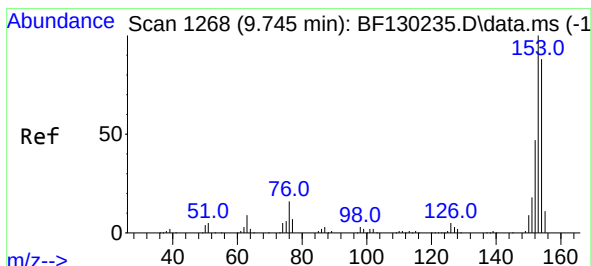
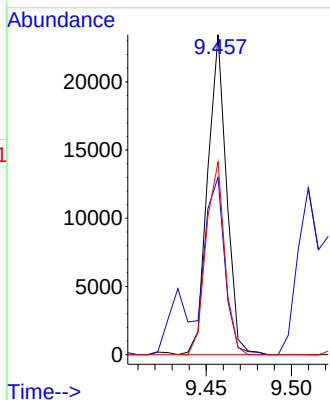
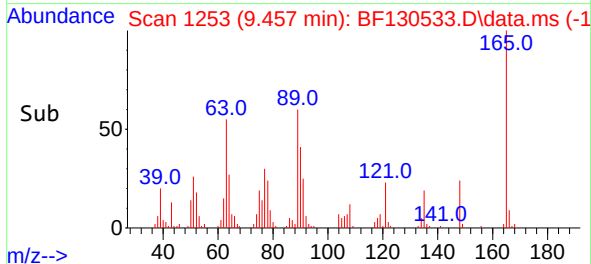
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD



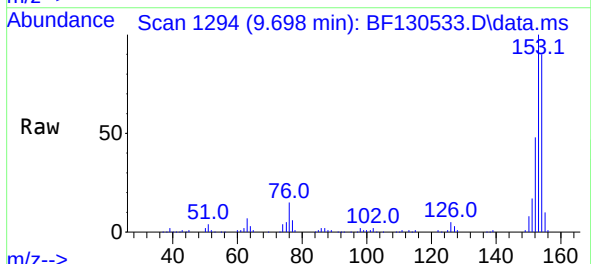
Tgt Ion:165 Resp: 18064
Ion Ratio Lower Upper
165 100
63 55.4 58.8 88.2
89 60.2 54.5 81.7

Manual Integrations
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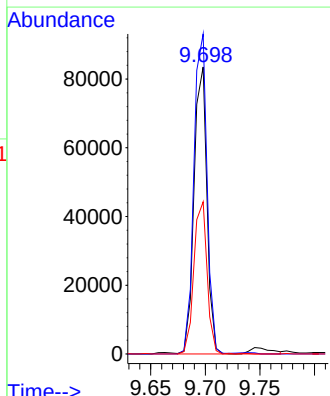
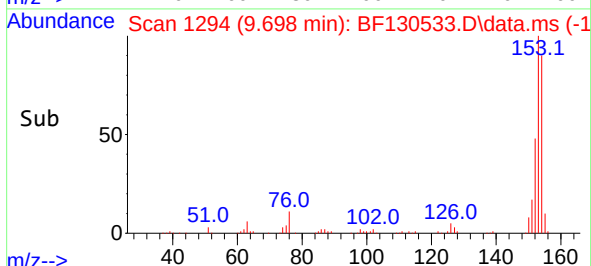
Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022

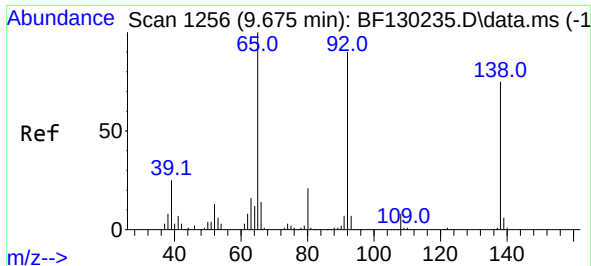


#52
Acenaphthene
Concen: 9.532 ng m
RT: 9.698 min Scan# 1294
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04



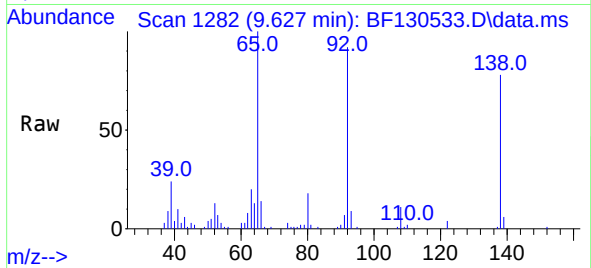
Tgt Ion:154 Resp: 70929
Ion Ratio Lower Upper
154 100
153 111.5 90.6 136.0
152 53.0 43.8 65.6





#53
3-Nitroaniline
Concen: 6.787 ng
RT: 9.627 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

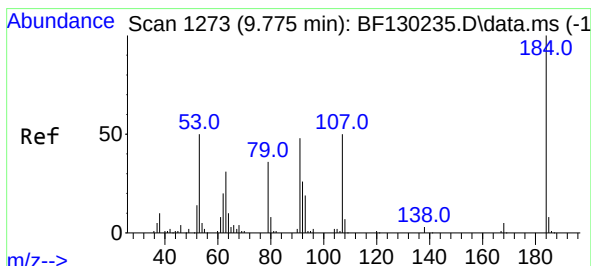
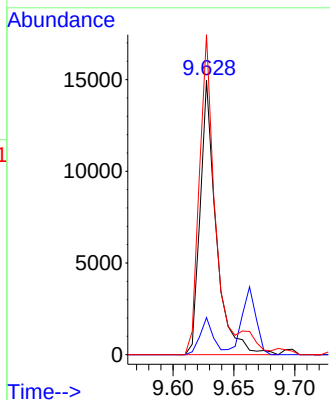
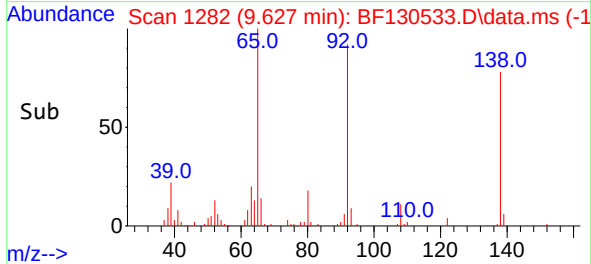
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD



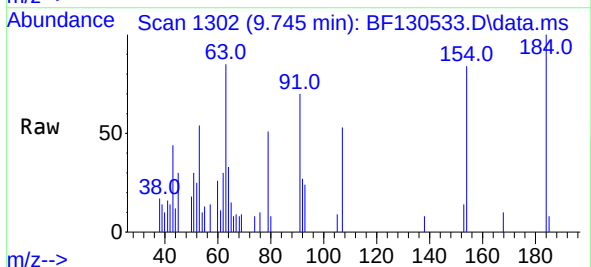
Tgt Ion:138 Resp: 1365
Ion Ratio Lower Upper
138 100
108 13.5 9.2 13.8
92 116.6 99.2 148.8

Manual Integrations
APPROVED

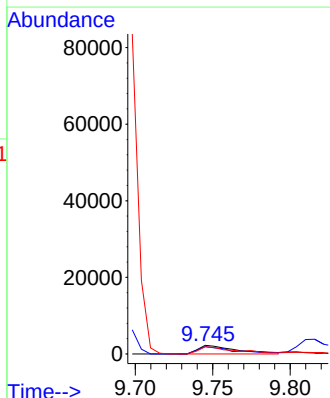
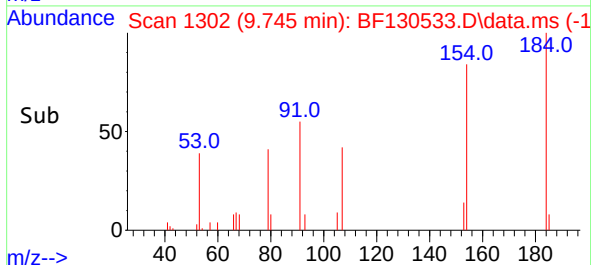
Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022

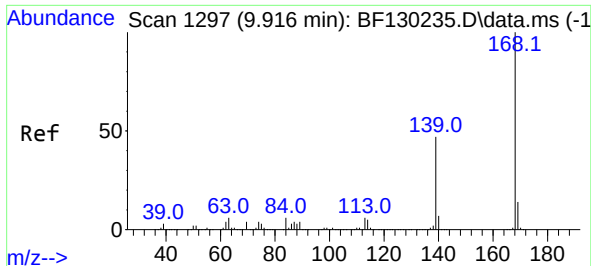


#54
2,4-Dinitrophenol
Concen: 9.907 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04



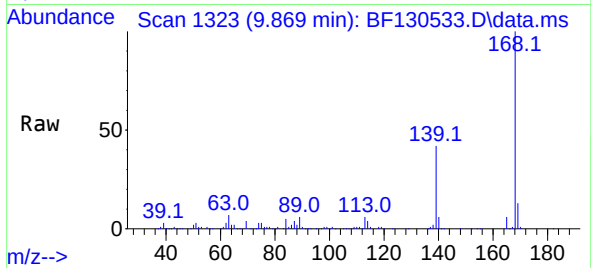
Tgt Ion:184 Resp: 3883
Ion Ratio Lower Upper
184 100
63 84.6 70.0 105.0
154 83.7 63.0 94.6





#55
Dibenzenofuran
Concen: 9.896 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

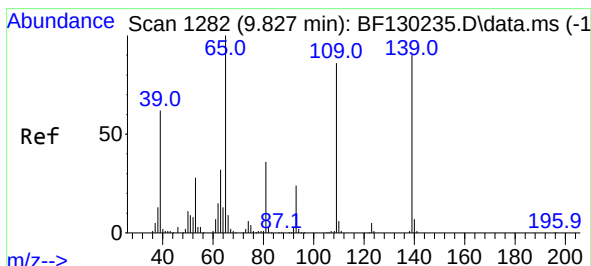
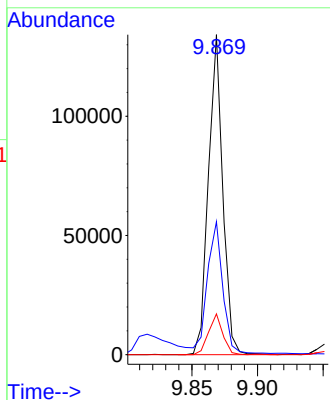
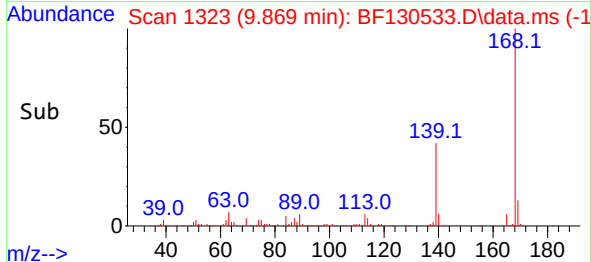
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD



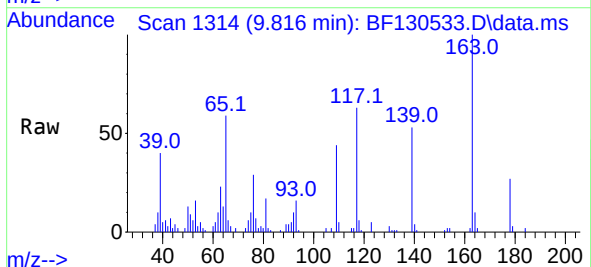
Tgt Ion:168 Resp: 102425
Ion Ratio Lower Upper
168 100
139 41.6 35.0 52.4
169 12.8 10.9 16.3

Manual Integrations
APPROVED

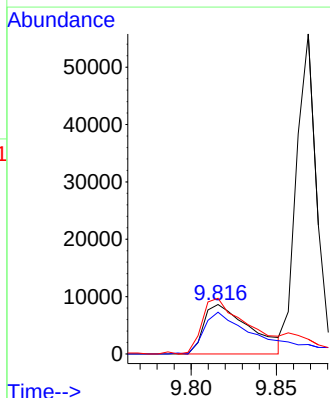
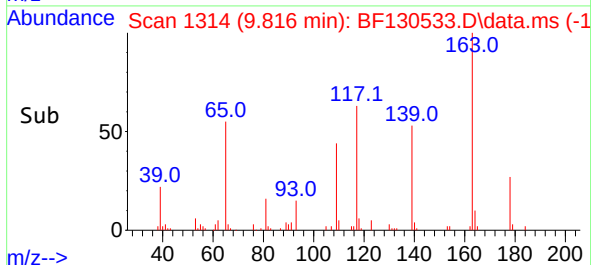
Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022

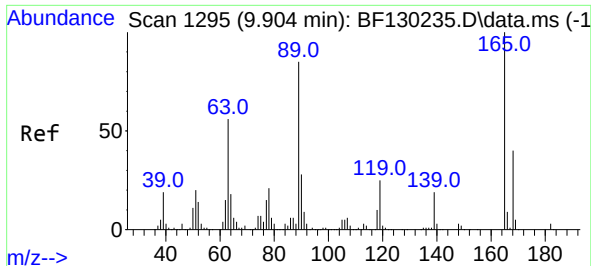


#56
4-Nitrophenol
Concen: 11.120 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.012 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04



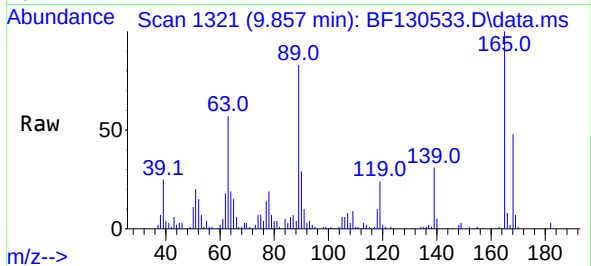
Tgt Ion:139 Resp: 16301
Ion Ratio Lower Upper
139 100
109 84.4 72.2 112.2
65 112.7 97.7 137.7





#57
2,4-Dinitrotoluene
Concen: 9.585 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

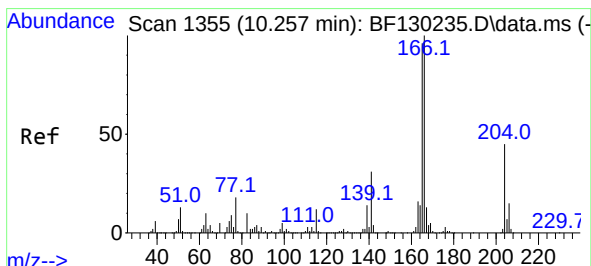
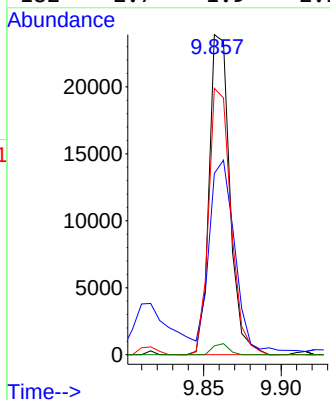
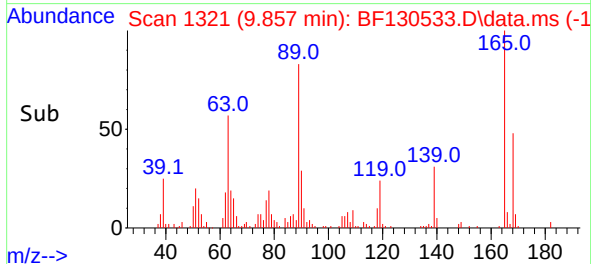
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD



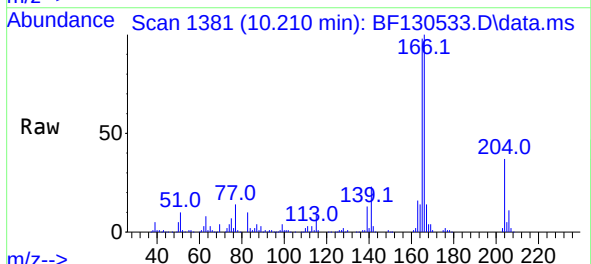
Tgt Ion:165 Resp: 2212
Ion Ratio Lower Upper
165 100
63 56.7 44.7 67.1
89 83.3 69.0 103.4
182 2.7 1.9 2.9

Manual Integrations
APPROVED

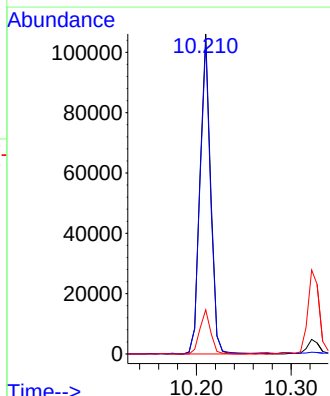
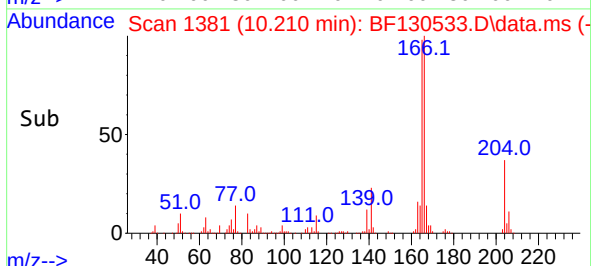
Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022

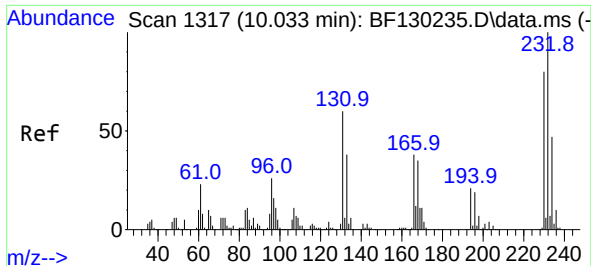


#58
Fluorene
Concen: 9.751 ng
RT: 10.210 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04



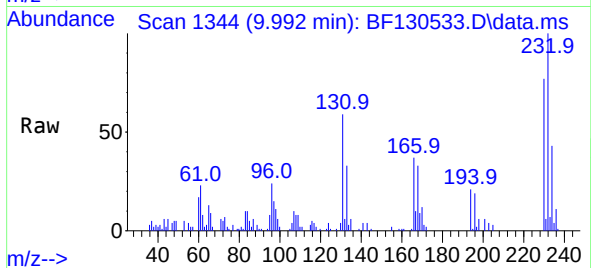
Tgt Ion:166 Resp: 82537
Ion Ratio Lower Upper
166 100
165 97.9 78.8 118.2
167 13.8 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 8.022 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

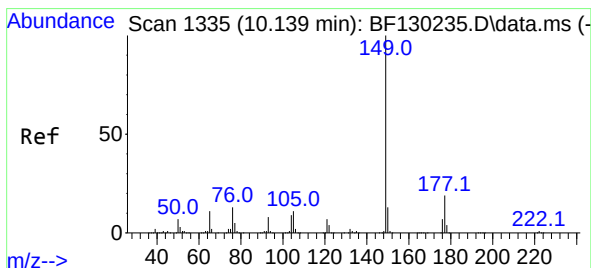
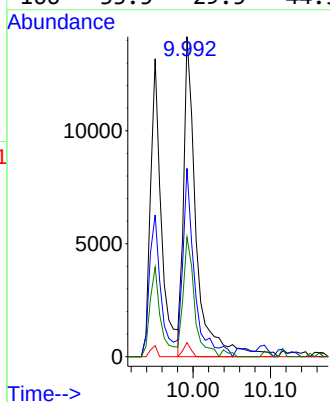
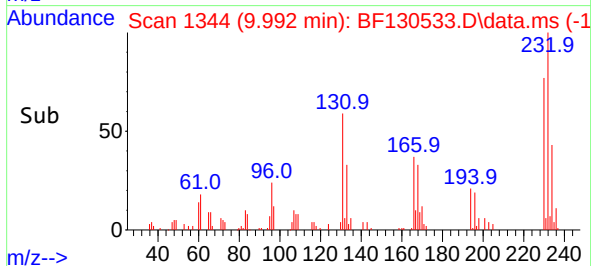
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD



Tgt Ion:232 Resp: 16130
Ion Ratio Lower Upper
232 100
131 54.4 46.4 69.6
130 2.5 2.3 3.5
166 33.5 29.5 44.3

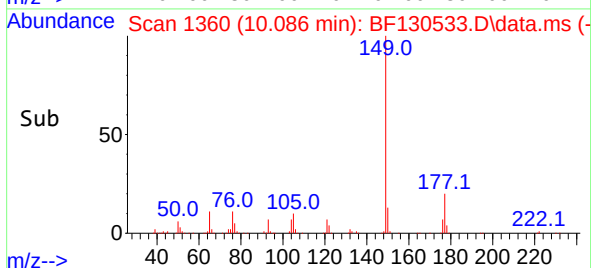
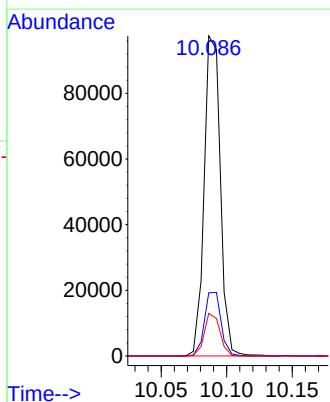
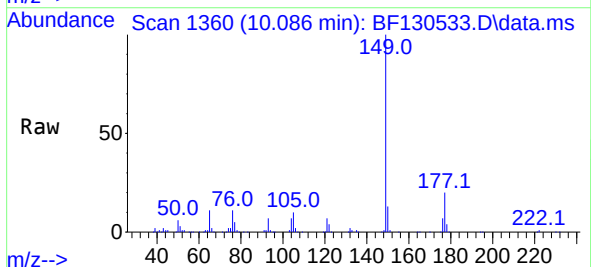
Manual Integrations
APPROVED

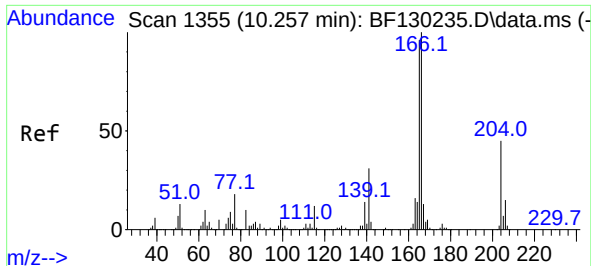
Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022



#60
Diethylphthalate
Concen: 9.704 ng
RT: 10.086 min Scan# 1360
Delta R.T. -0.012 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

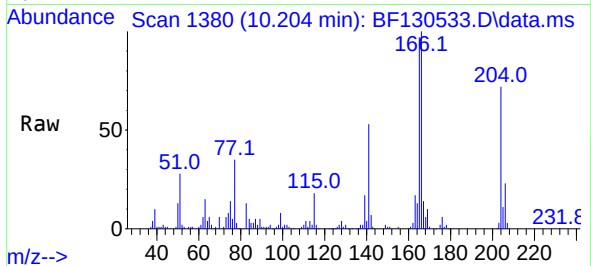
Tgt Ion:149 Resp: 84041
Ion Ratio Lower Upper
149 100
177 19.8 16.1 24.1
150 13.3 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 9.777 ng
RT: 10.204 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

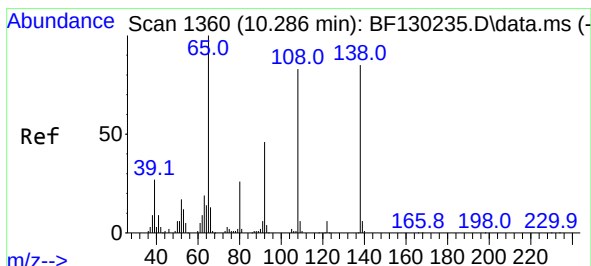
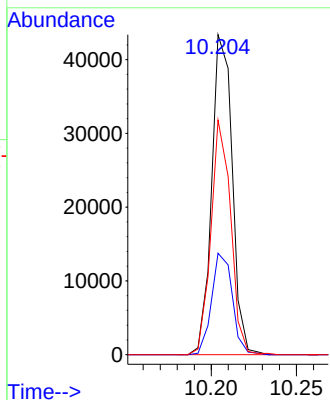
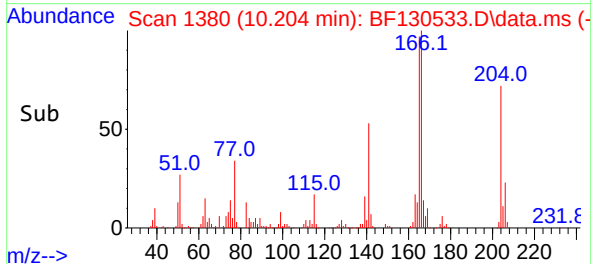
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD



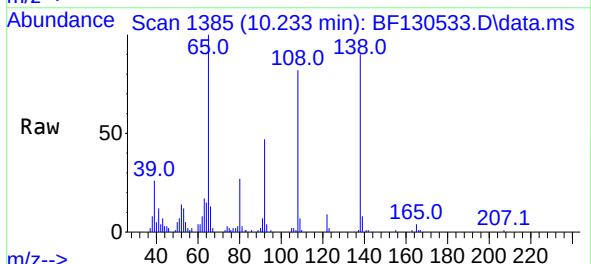
Tgt Ion:204 Resp: 3630
Ion Ratio Lower Upper
204 100
206 31.7 26.6 39.8
141 73.3 57.1 85.7

Manual Integrations
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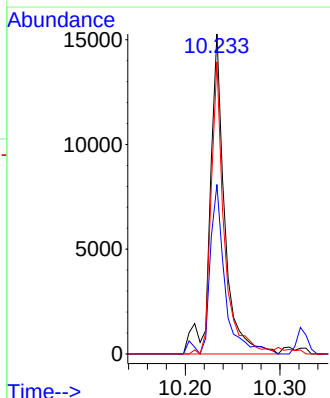
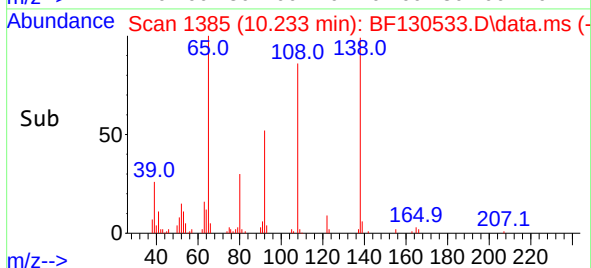
Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022

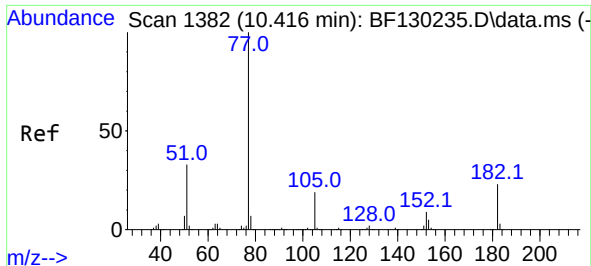


#62
4-Nitroaniline
Concen: 8.023 ng
RT: 10.233 min Scan# 1385
Delta R.T. -0.012 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04



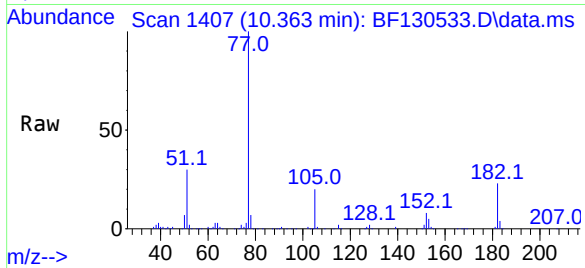
Tgt Ion:138 Resp: 16221
Ion Ratio Lower Upper
138 100
92 53.0 36.7 76.7
108 91.3 78.2 118.2





#63
Azobenzene
Concen: 8.570 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

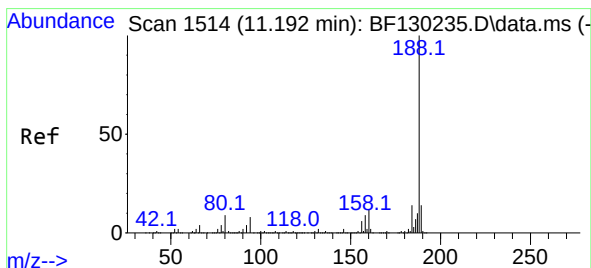
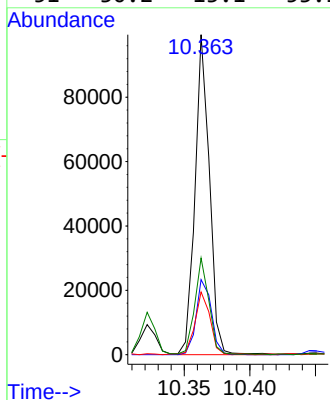
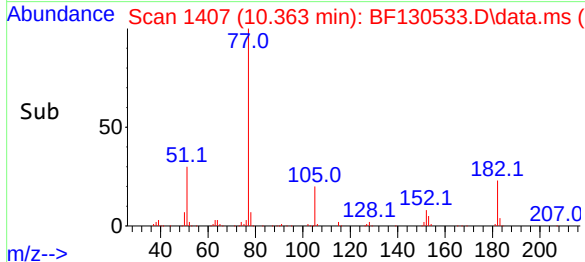
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD



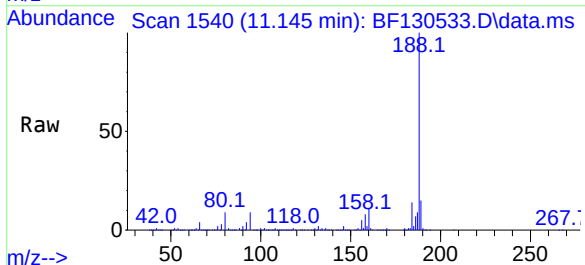
Tgt Ion: 77 Resp: 76424
Ion Ratio Lower Upper
77 100
182 23.5 2.1 42.1
105 19.6 0.0 39.4
51 30.2 13.1 53.1

Manual Integrations
APPROVED

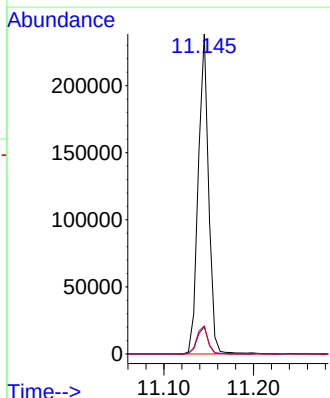
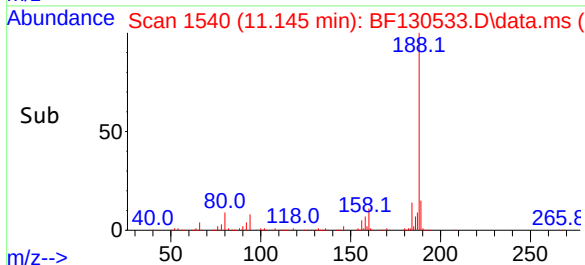
Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022

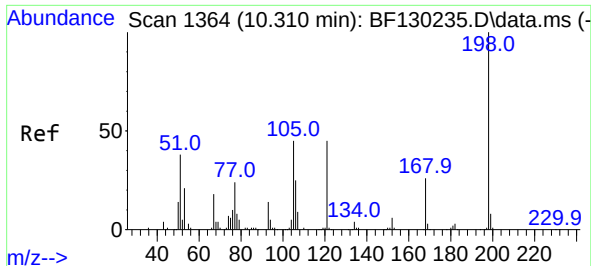


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.145 min Scan# 1540
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04



Tgt Ion:188 Resp: 191082
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 8.8 7.9 11.9





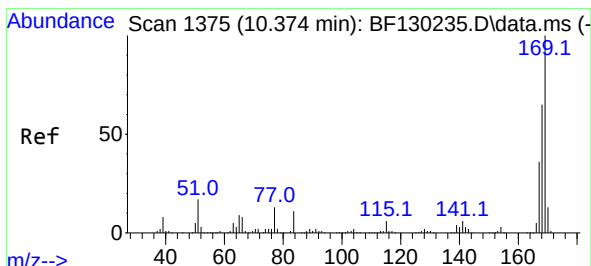
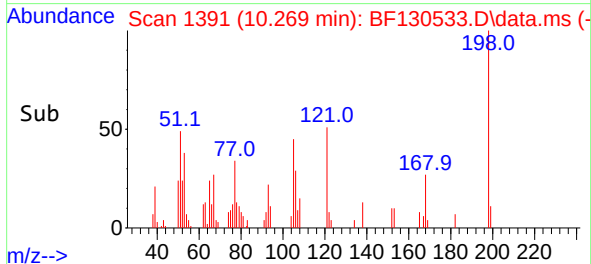
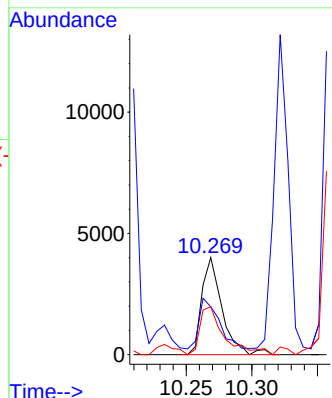
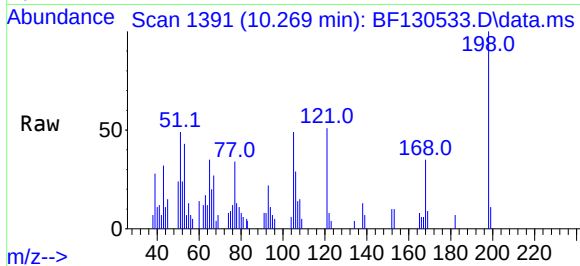
#65
4,6-Dinitro-2-methylphenol
Concen: 4.053 ng
RT: 10.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD

Tgt Ion:198 Resp: 431
Ion Ratio Lower Upper
198 100
51 49.3 36.9 76.9
105 49.5 33.0 73.0

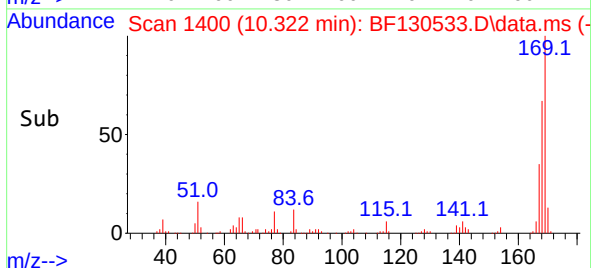
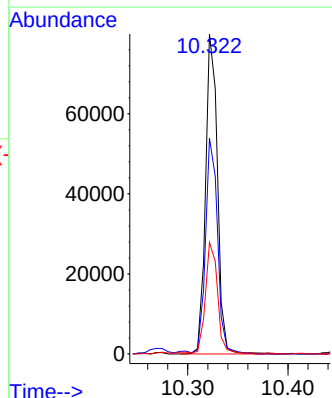
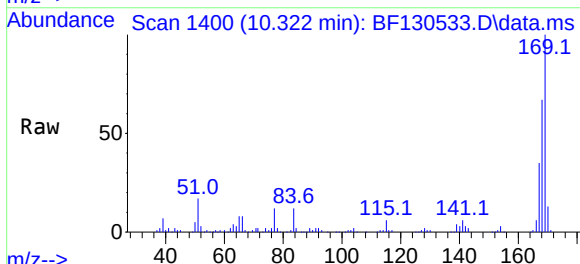
Manual Integrations
APPROVED

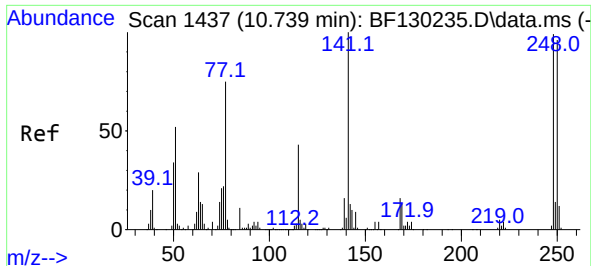
Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022



#66
n-Nitrosodiphenylamine
Concen: 10.349 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

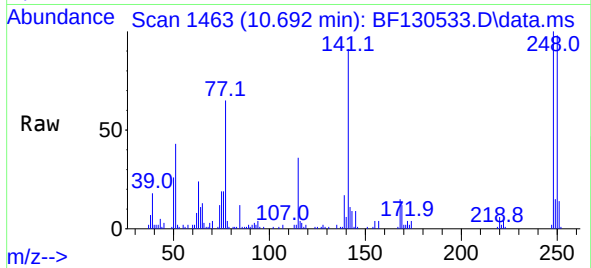
Tgt Ion:169 Resp: 66081
Ion Ratio Lower Upper
169 100
168 67.4 53.2 79.8
167 34.8 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 9.844 ng
RT: 10.692 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

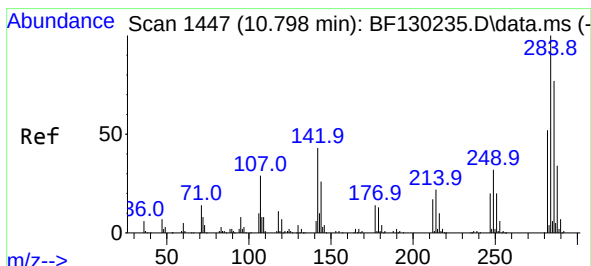
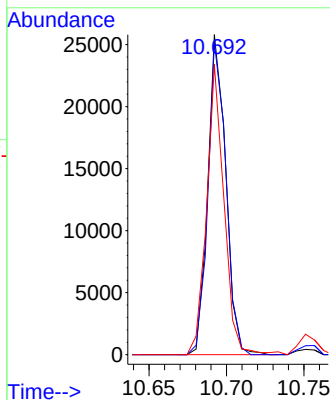
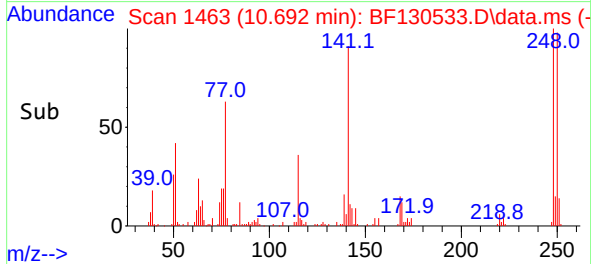
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD



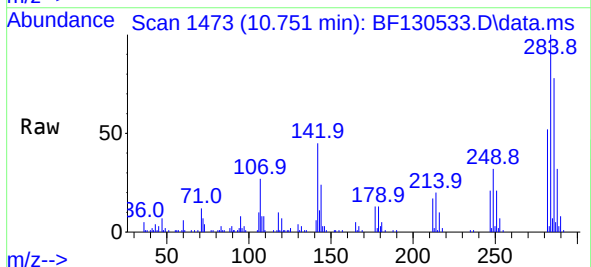
Tgt Ion:248 Resp: 2075
Ion Ratio Lower Upper
248 100
250 97.6 80.0 120.0
141 90.7 68.5 102.7

Manual Integrations
APPROVED

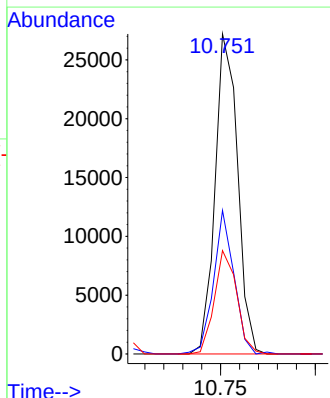
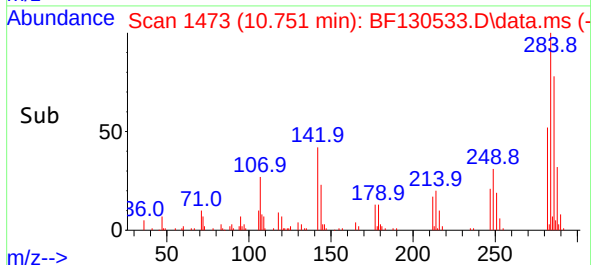
Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022

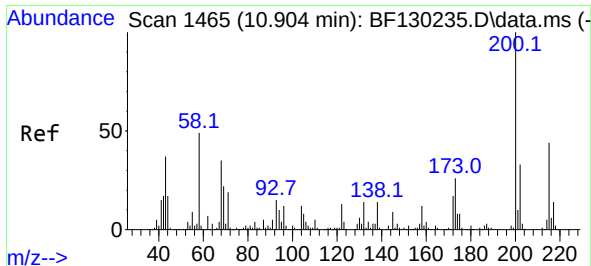


#68
Hexachlorobenzene
Concen: 9.414 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04



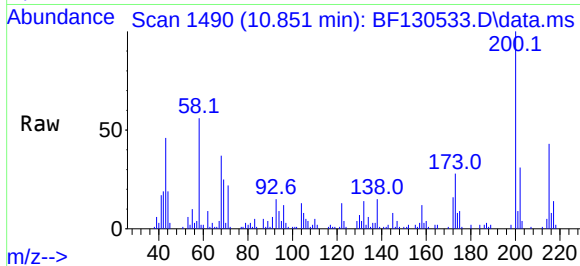
Tgt Ion:284 Resp: 22494
Ion Ratio Lower Upper
284 100
142 44.8 27.2 40.8#
249 32.3 23.8 35.8





#69
Atrazine
Concen: 11.161 ng
RT: 10.851 min Scan# 1465
Delta R.T. -0.012 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

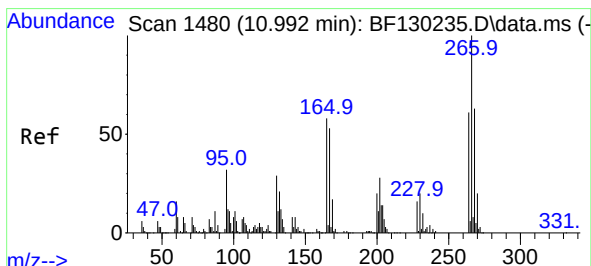
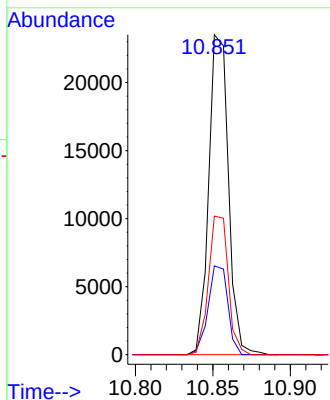
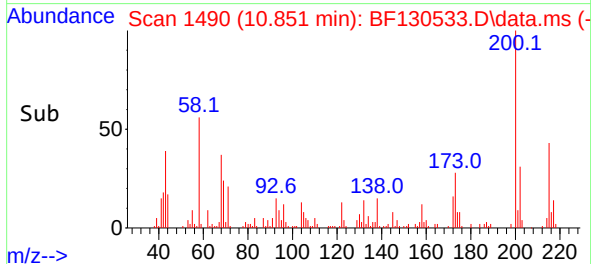
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD



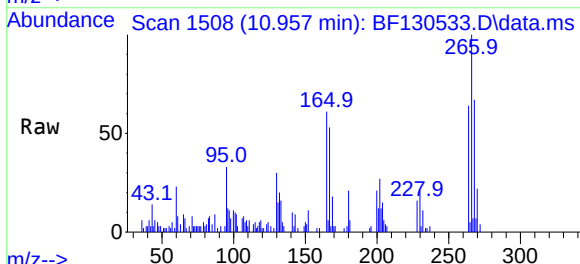
Tgt Ion:200 Resp: 2082
Ion Ratio Lower Upper
200 100
173 27.8 6.2 46.2
215 43.3 22.5 62.5

Manual Integrations
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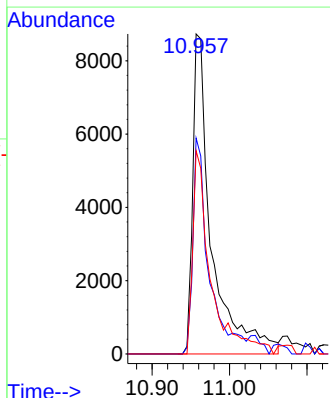
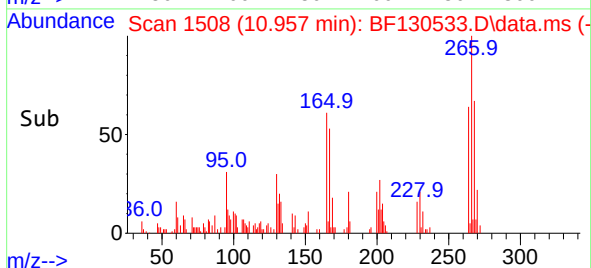
Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022

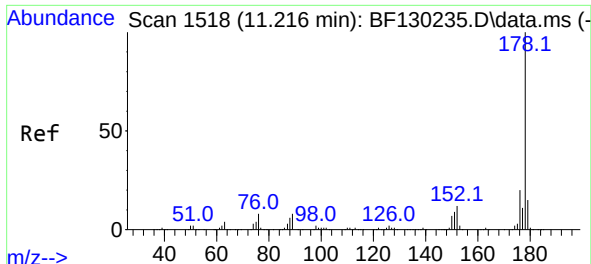


#70
Pentachlorophenol
Concen: 11.495 ng
RT: 10.957 min Scan# 1508
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04



Tgt Ion:266 Resp: 14741
Ion Ratio Lower Upper
266 100
268 67.5 50.5 75.7
264 63.5 50.5 75.7





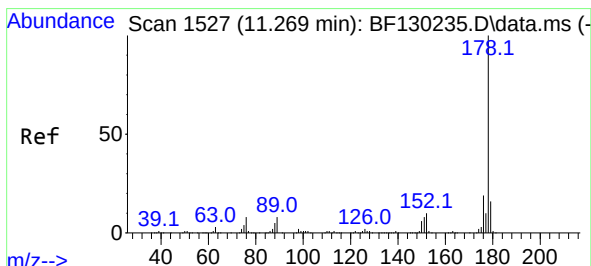
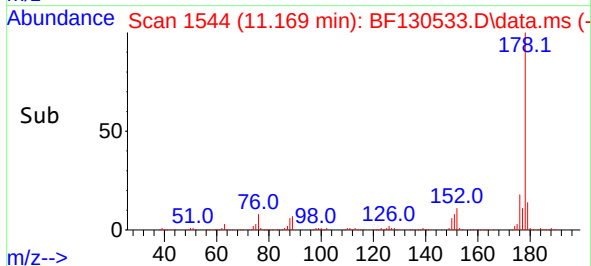
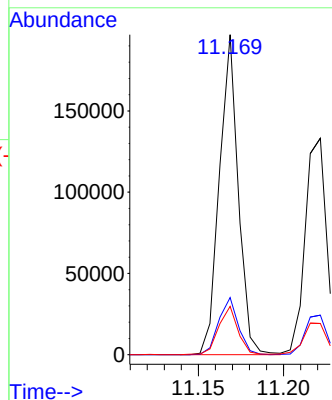
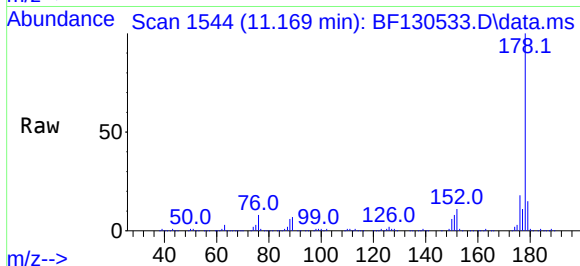
#71
Phenanthrene
Concen: 14.152 ng
RT: 11.169 min Scan# 1518
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD

Tgt Ion:178 Resp: 15182
Ion Ratio Lower Upper
178 100
176 17.9 15.4 23.0
179 15.1 12.4 18.6

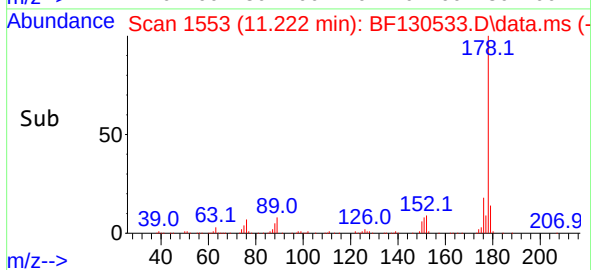
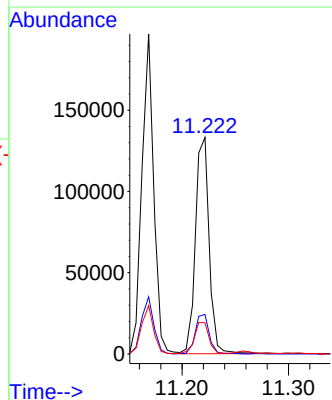
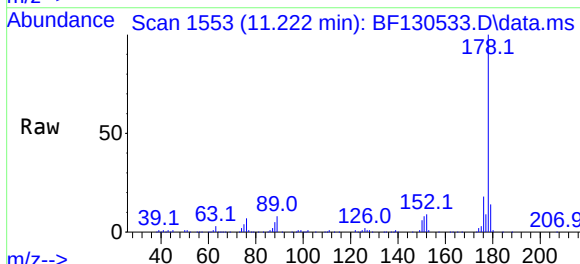
Manual Integrations
APPROVED

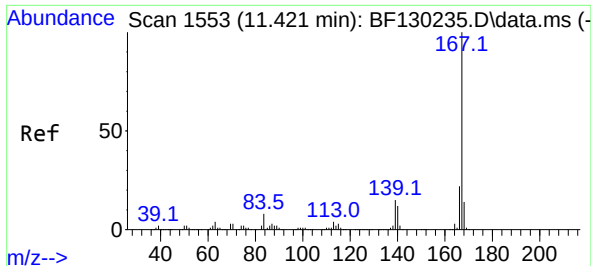
Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022



#72
Anthracene
Concen: 11.526 ng
RT: 11.222 min Scan# 1553
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

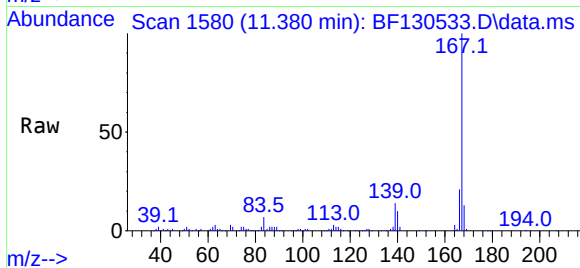
Tgt Ion:178 Resp: 119325
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.6
179 14.4 12.7 19.1





#73
 Carbazole
 Concen: 10.565 ng
 RT: 11.380 min Scan# 1553
 Delta R.T. -0.006 min
 Lab File: BF130533.D
 Acq: 05 Oct 2022 17:04

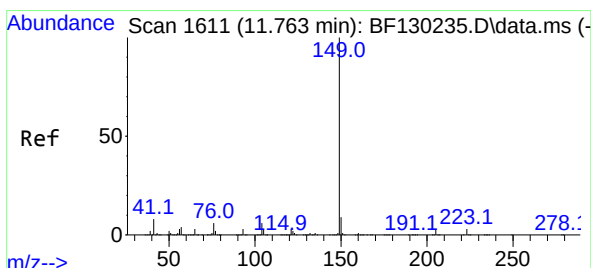
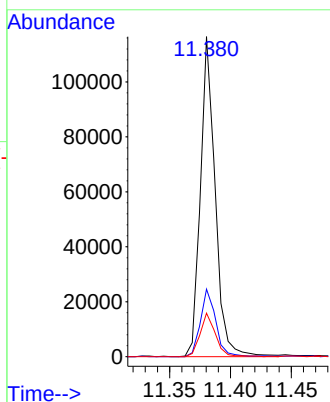
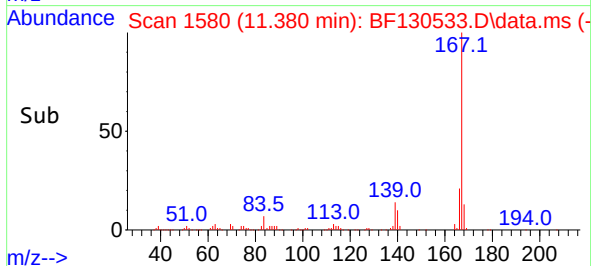
Instrument :
 BNA_F
 ClientSampleId :
 PAT-01-100322MSD



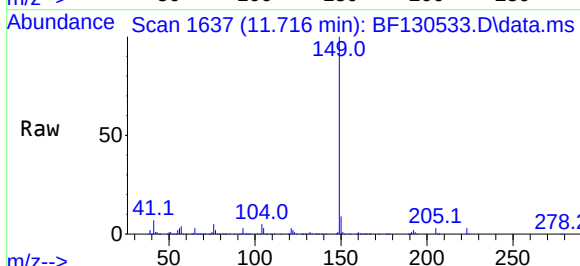
Tgt Ion:167 Resp: 98709
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.4 26.2
 139 13.6 11.6 17.4

Manual Integrations
 APPROVED

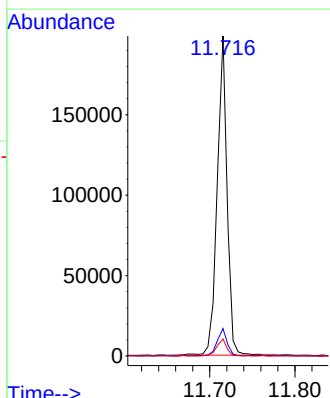
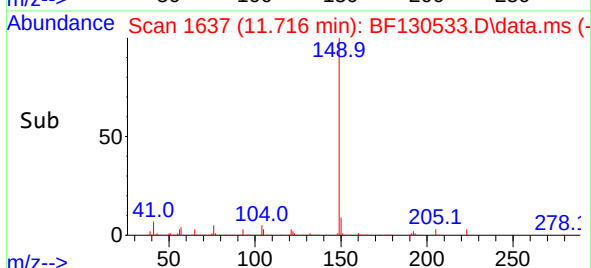
Reviewed By :Christian Giraldo 10/06/2022
 Supervised By :mohammad ahmed 10/14/2022

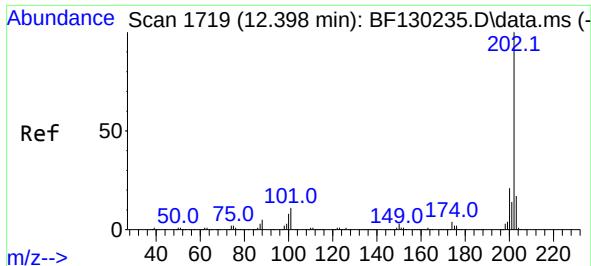


#74
 Di-n-butylphthalate
 Concen: 14.157 ng
 RT: 11.716 min Scan# 1637
 Delta R.T. -0.000 min
 Lab File: BF130533.D
 Acq: 05 Oct 2022 17:04



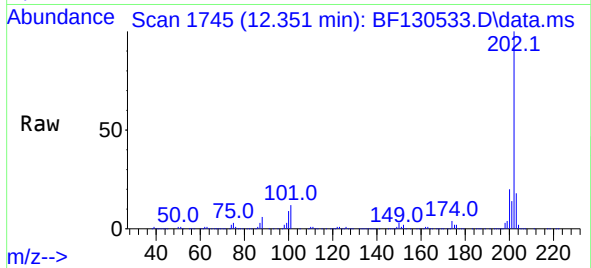
Tgt Ion:149 Resp: 159512
 Ion Ratio Lower Upper
 149 100
 150 8.6 7.4 11.2
 104 5.3 4.8 7.2





#75
Fluoranthene
Concen: 22.766 ng
RT: 12.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

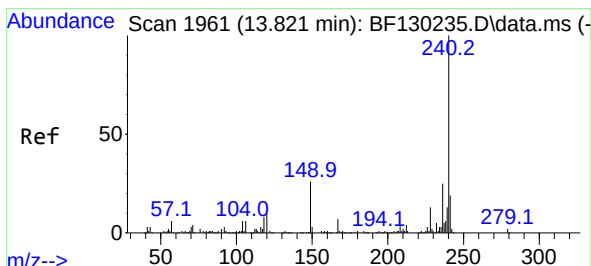
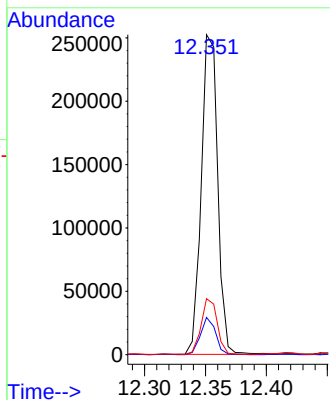
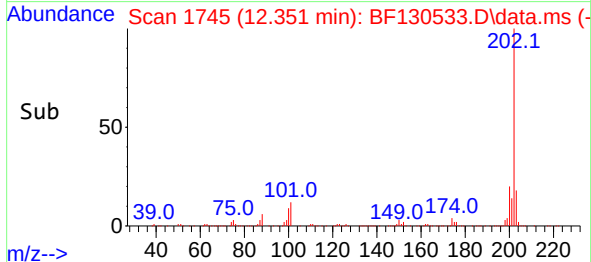
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD



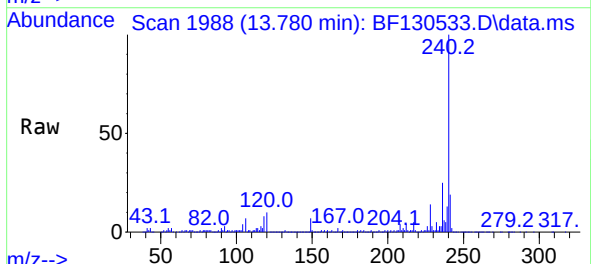
Tgt Ion:202 Resp: 236000
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.8
203 17.5 0.0 37.8

Manual Integrations
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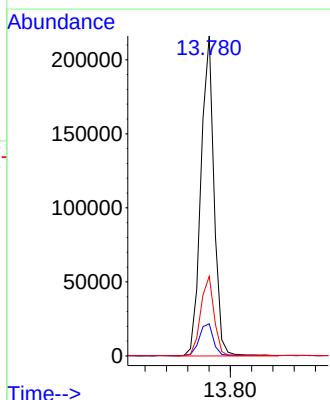
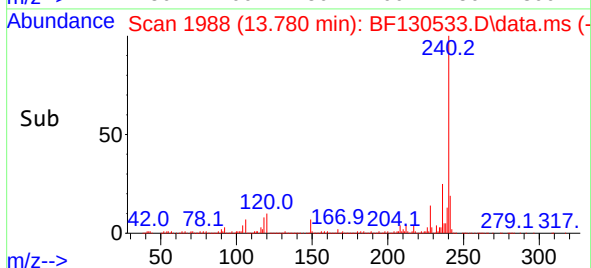
Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022

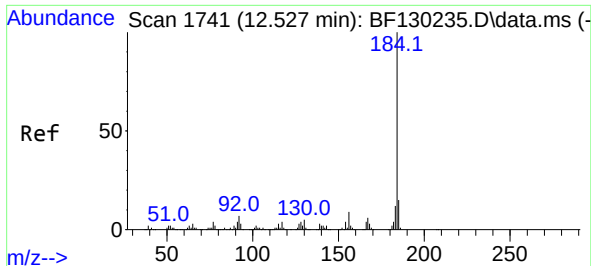


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.780 min Scan# 1988
Delta R.T. 0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04



Tgt Ion:240 Resp: 185675
Ion Ratio Lower Upper
240 100
120 10.0 8.7 13.1
236 24.9 20.9 31.3





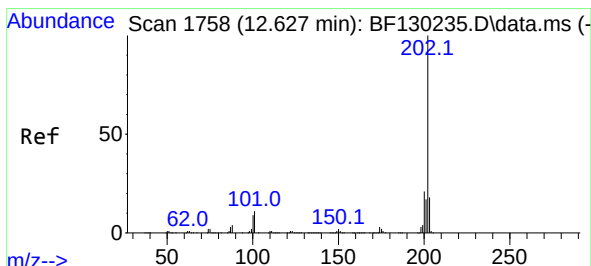
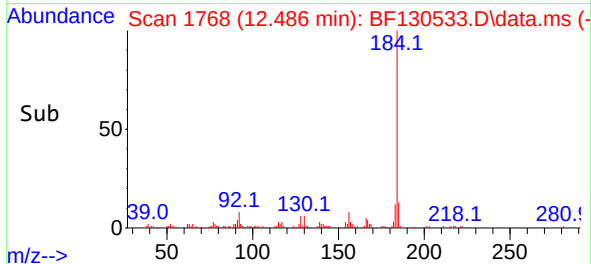
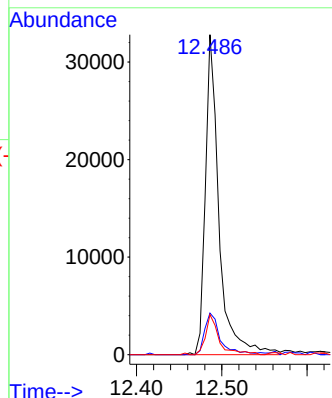
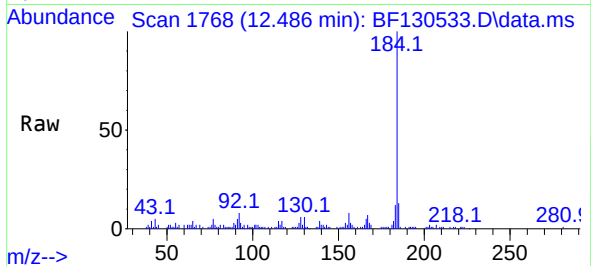
#77
Benzidine
Concen: 6.732 ng
RT: 12.486 min Scan# 1741
Delta R.T. -0.000 min
Lab File: BF130533.D
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Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD

Tgt Ion:184 Resp: 36284
Ion Ratio Lower Upper
184 100
185 13.0 11.8 17.6
183 12.5 9.1 13.7

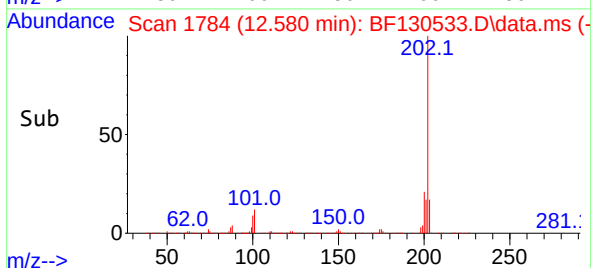
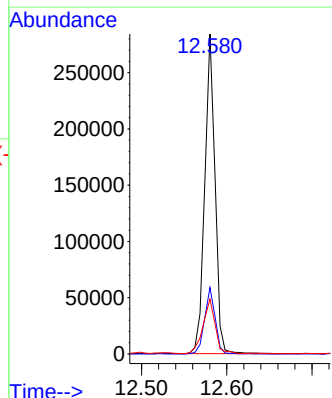
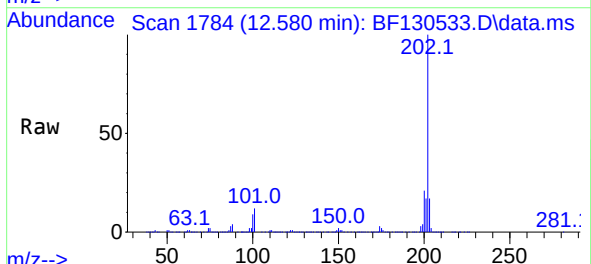
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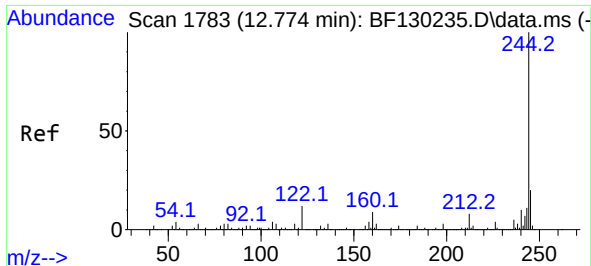
Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022



#78
Pyrene
Concen: 14.652 ng
RT: 12.580 min Scan# 1784
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

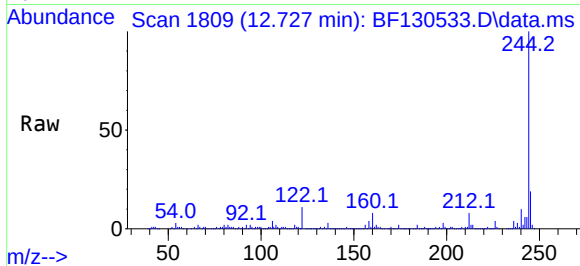
Tgt Ion:202 Resp: 237987
Ion Ratio Lower Upper
202 100
200 20.7 17.2 25.8
203 17.2 14.3 21.5





#79
 Terphenyl-d14
 Concen: 10.355 ng
 RT: 12.727 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130533.D
 Acq: 05 Oct 2022 17:04

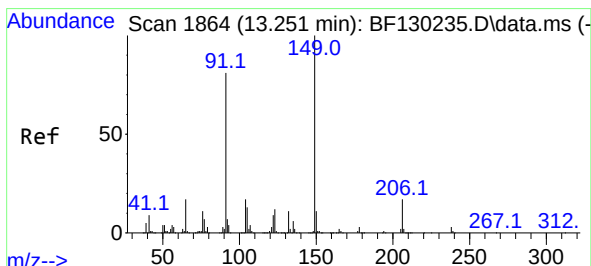
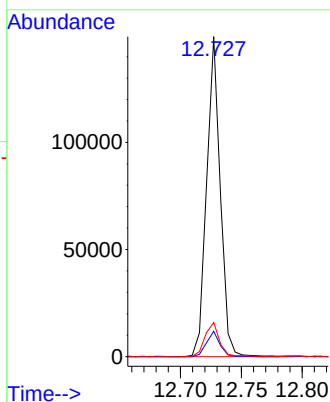
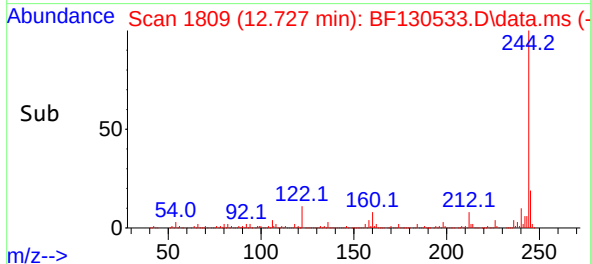
Instrument :
 BNA_F
 ClientSampleId :
 PAT-01-100322MSD



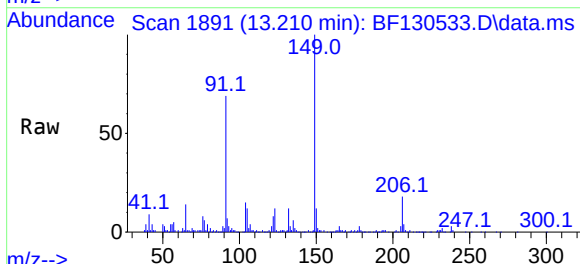
Tgt Ion:244 Resp: 116064
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.9 8.9
 122 10.7 8.5 12.7

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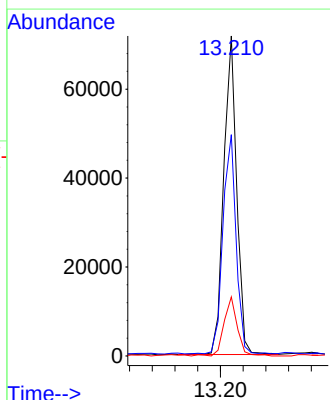
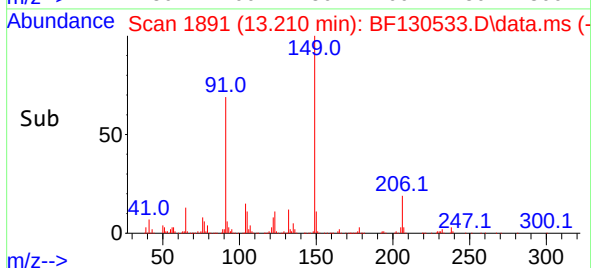
Reviewed By :Christian Giraldo 10/06/2022
 Supervised By :mohammad ahmed 10/14/2022

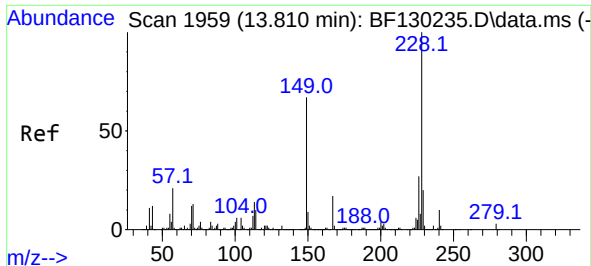


#80
 Butylbenzylphthalate
 Concen: 9.459 ng
 RT: 13.210 min Scan# 1891
 Delta R.T. -0.000 min
 Lab File: BF130533.D
 Acq: 05 Oct 2022 17:04



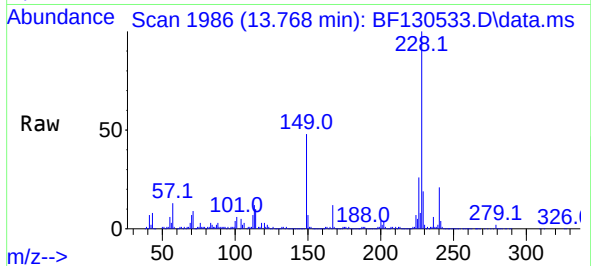
Tgt Ion:149 Resp: 56917
 Ion Ratio Lower Upper
 149 100
 91 69.1 59.8 89.8
 206 18.4 13.9 20.9





#81
Benzo(a)anthracene
Concen: 15.918 ng
RT: 13.768 min Scan# 1986
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

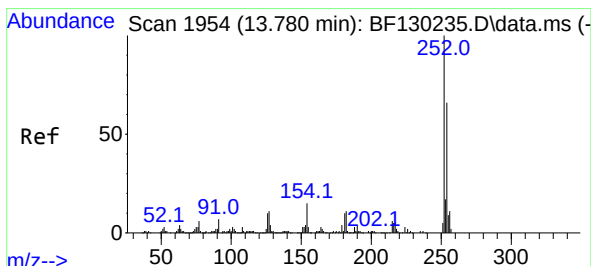
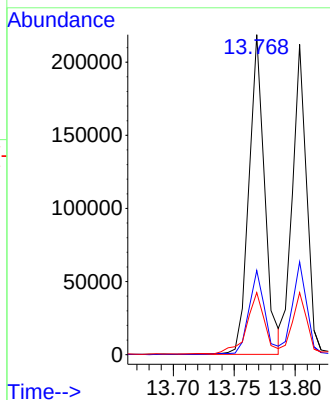
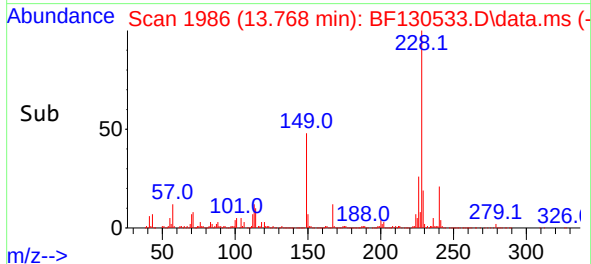
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD



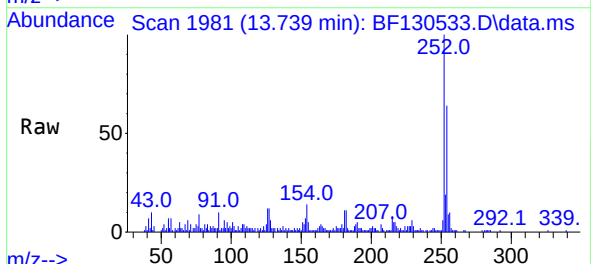
Tgt Ion:228 Resp: 196610
Ion Ratio Lower Upper
228 100
226 26.3 21.9 32.9
229 19.4 16.1 24.1

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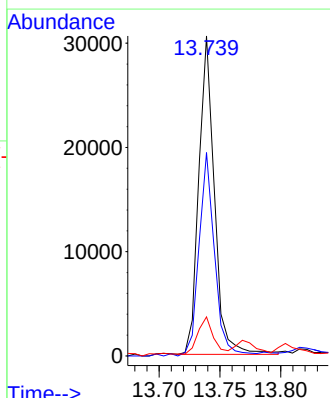
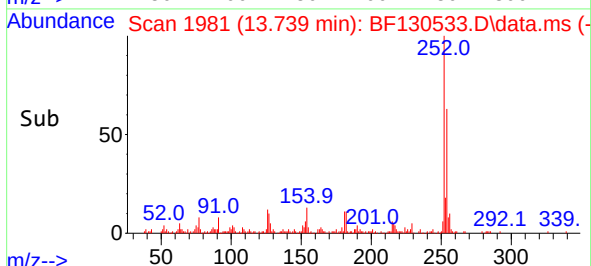
Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022

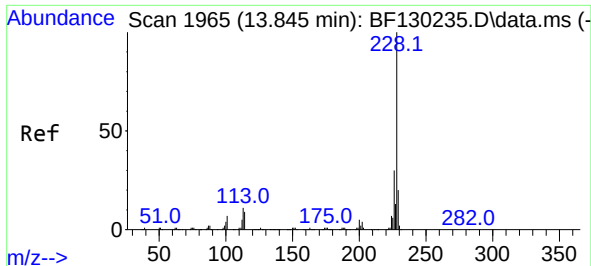


#82
3,3'-Dichlorobenzidine
Concen: 8.140 ng
RT: 13.739 min Scan# 1981
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04



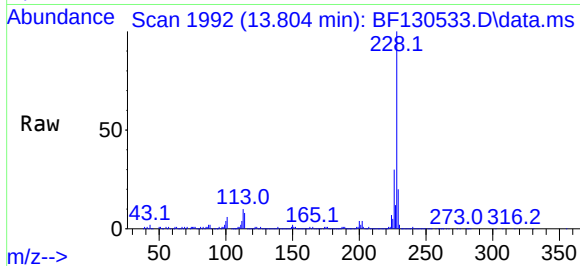
Tgt Ion:252 Resp: 27370
Ion Ratio Lower Upper
252 100
254 63.5 51.1 76.7
126 12.2 10.4 15.6





#83
Chrysene
Concen: 14.738 ng
RT: 13.804 min Scan# 1992
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

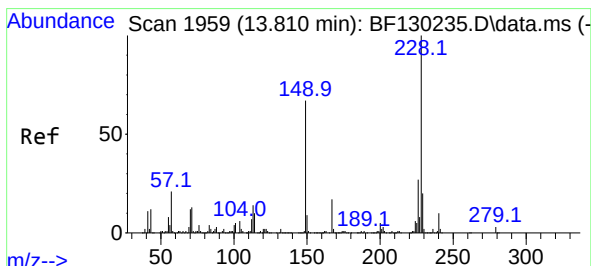
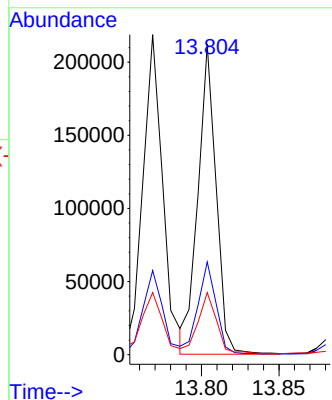
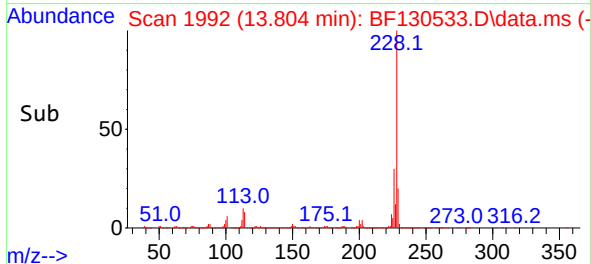
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:228 Resp: 172852
Ion Ratio Lower Upper
228 100
226 29.9 23.8 35.8
229 20.0 15.3 22.9

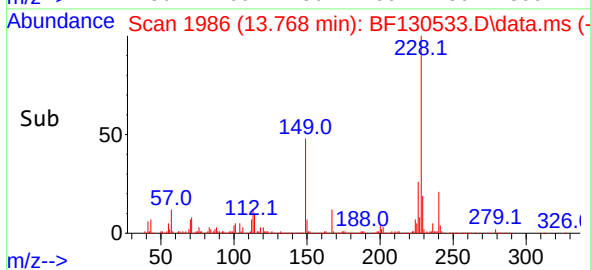
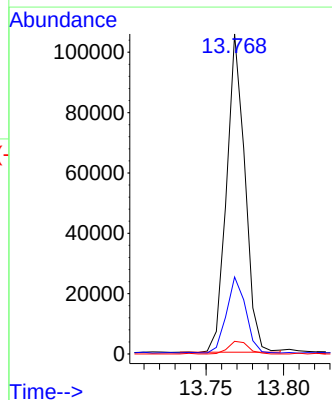
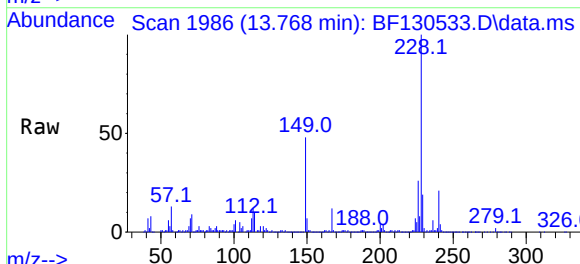
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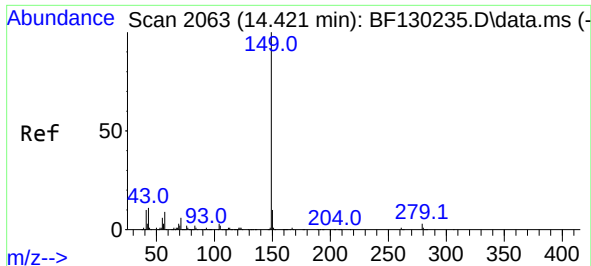
Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 12.609 ng
RT: 13.768 min Scan# 1986
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

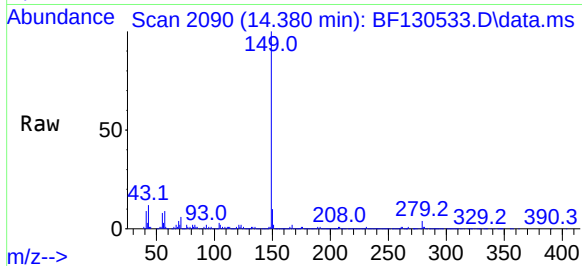
Tgt Ion:149 Resp: 86910
Ion Ratio Lower Upper
149 100
167 24.1 20.5 30.7
279 3.9 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 14.201 ng
RT: 14.380 min Scan# 2063
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

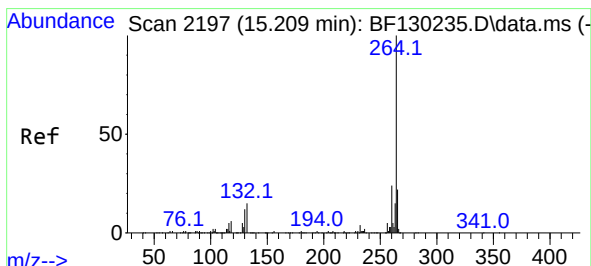
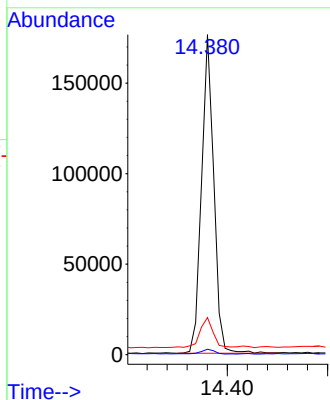
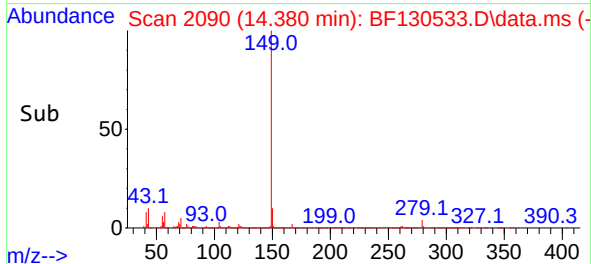
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD



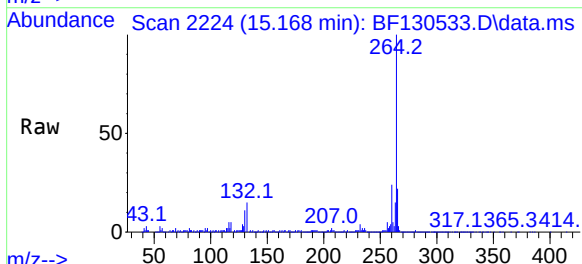
Tgt Ion:149 Resp: 149700
Ion Ratio Lower Upper
149 100
167 1.8 1.2 1.8
43 9.7 8.7 13.1

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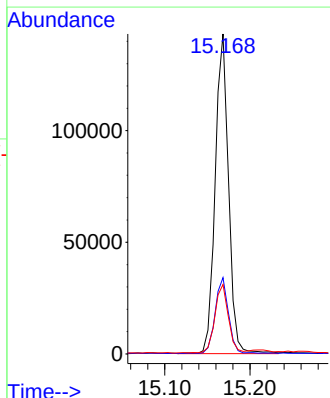
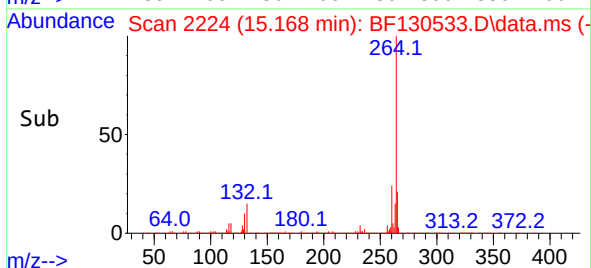
Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022

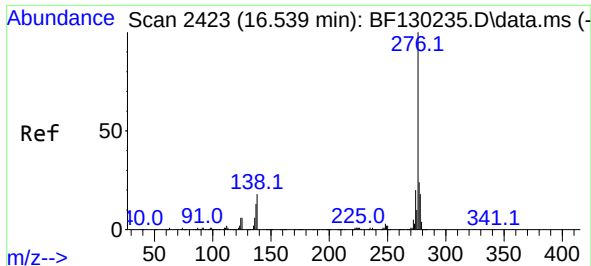


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.168 min Scan# 2224
Delta R.T. 0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04



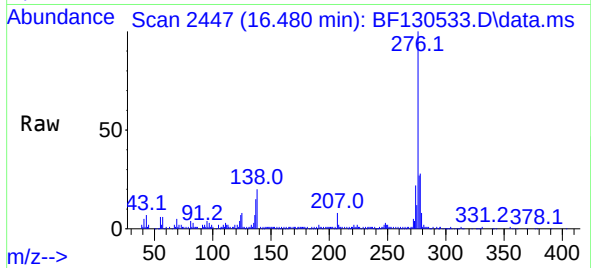
Tgt Ion:264 Resp: 155738
Ion Ratio Lower Upper
264 100
260 23.9 19.3 28.9
265 21.7 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 9.381 ng
RT: 16.480 min Scan# 2423
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

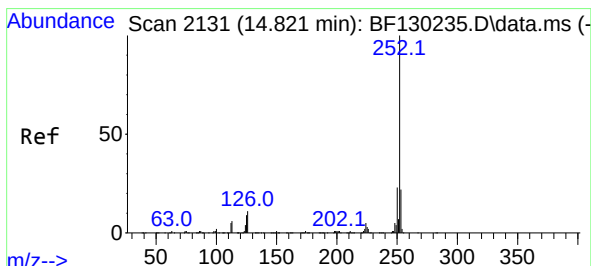
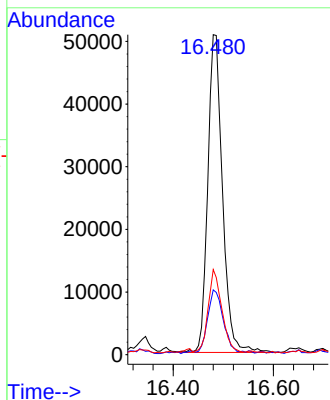
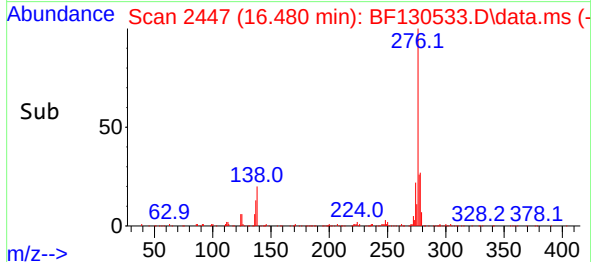
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD



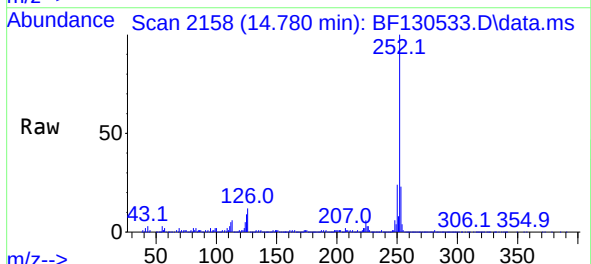
Tgt Ion: 276 Resp: 103609
Ion Ratio Lower Upper
276 100
138 21.7 18.5 27.7
277 23.8 20.2 30.4

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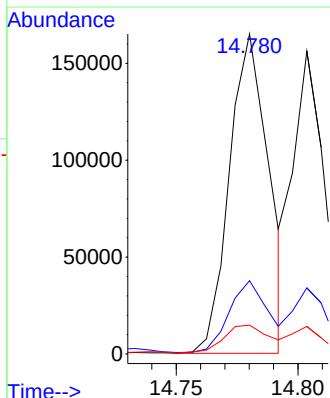
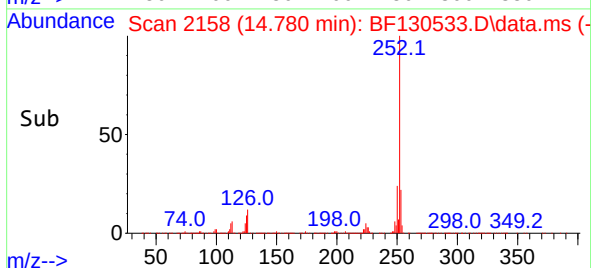
Reviewed By : Christian Giraldo 10/06/2022
Supervised By : mohammad ahmed 10/14/2022

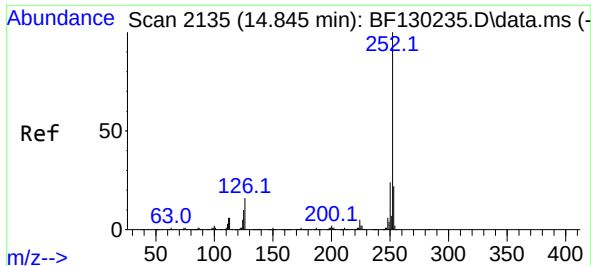


#88
Benzo(b)fluoranthene
Concen: 18.226 ng
RT: 14.780 min Scan# 2158
Delta R.T. 0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04



Tgt Ion: 252 Resp: 185267
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 9.0 8.1 12.1





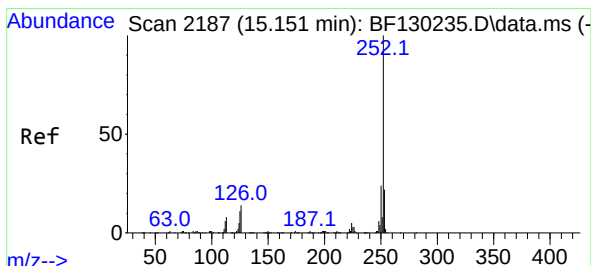
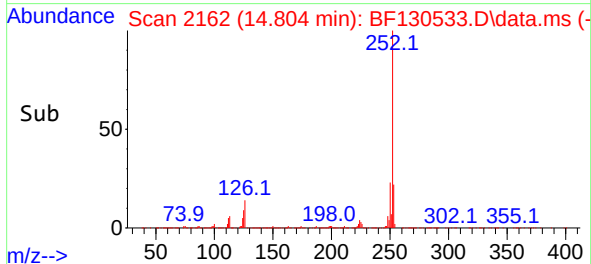
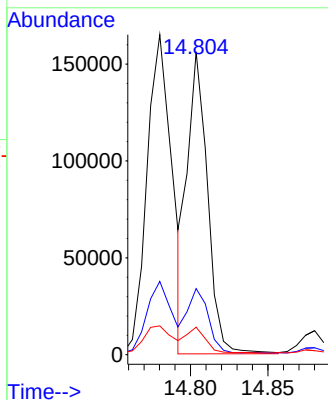
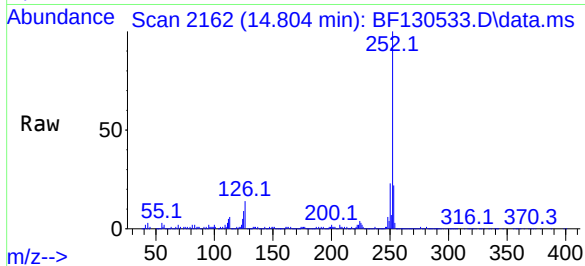
#89
Benzo(k)fluoranthene
Concen: 14.141 ng
RT: 14.804 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD

Tgt Ion:252 Resp: 141397
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 9.1 7.9 11.9

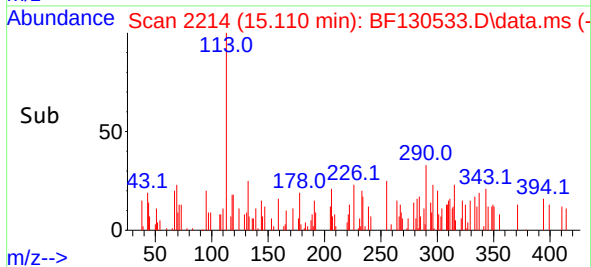
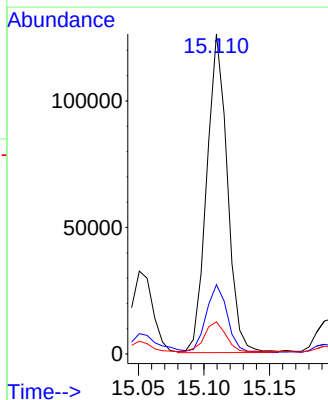
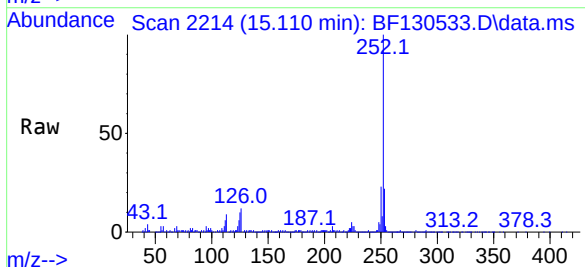
Manual Integrations
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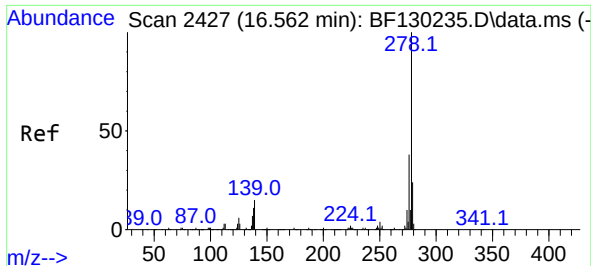
Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022



#90
Benzo(a)pyrene
Concen: 17.140 ng
RT: 15.110 min Scan# 2214
Delta R.T. 0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

Tgt Ion:252 Resp: 138026
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 10.0 9.0 13.6





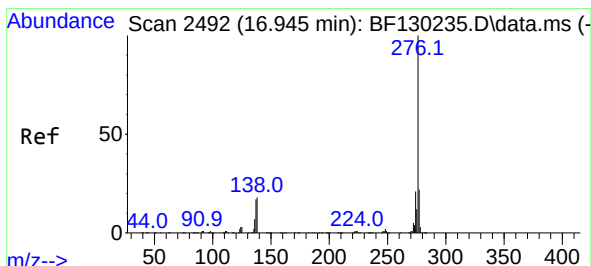
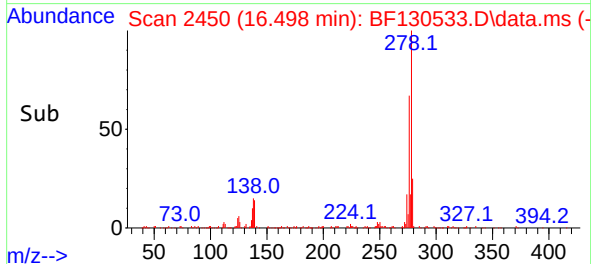
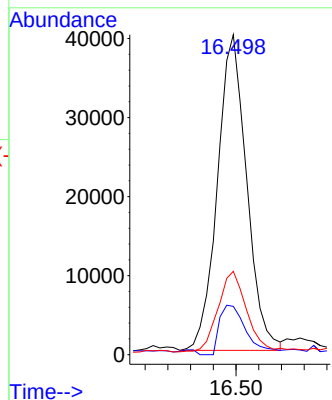
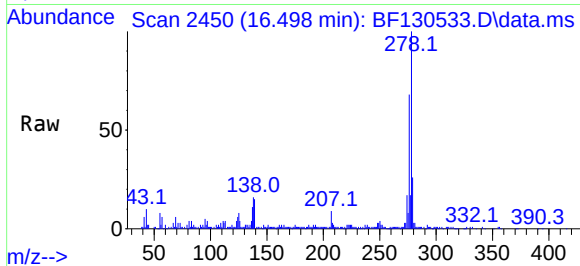
#91
Dibenzo(a,h)anthracene
Concen: 7.895 ng
RT: 16.498 min Scan# 2427
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD

Tgt Ion: 278 Resp: 7152
Ion Ratio Lower Upper
278 100
139 15.1 11.8 17.8
279 26.1 19.4 29.0

Manual Integrations
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Reviewed By : Christian Giraldo 10/06/2022
Supervised By : mohammad ahmed 10/14/2022



#92
Benzo(g,h,i)perylene
Concen: 9.324 ng
RT: 16.880 min Scan# 2515
Delta R.T. 0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

Tgt Ion: 276 Resp: 85100
Ion Ratio Lower Upper
276 100
277 23.5 18.6 27.8
138 16.8 14.6 21.8

