

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
 Data File : BF123587.D
 Acq On : 16 Apr 2021 12:12
 Operator : JU/CG
 Sample : M2048-06MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-13.5-14.0MSD

Manual Integrations
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4/19/2021 11:44:59 AM

Quant Time: Apr 16 12:42:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 10:31:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	189985	20.00	ng	0.00
21) Naphthalene-d8	8.157	136	733995	20.00	ng	0.00
39) Acenaphthene-d10	9.916	164	364575	20.00	ng	0.00
64) Phenanthrene-d10	11.404	188	741745	20.00	ng	0.00
76) Chrysene-d12	14.057	240	526324	20.00	ng	0.00
86) Perylene-d12	15.539	264	423391	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1494408	127.13	ng	0.00
7) Phenol-d6	6.498	99	1990430	122.20	ng	0.00
23) Nitrobenzene-d5	7.434	82	1401116	87.75	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	606195	146.83	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2127737	87.00	ng	0.00
79) Terphenyl-d14	12.998	244	2451495	90.53	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	241408	39.31	ng	97
3) Pyridine	3.422	79	675371	44.98	ng	97
4) n-Nitrosodimethylamine	3.369	42	424348	47.69	ng	94
6) Aniline	6.528	93	318772	16.63	ng	98
8) 2-Chlorophenol	6.651	128	609253	48.25	ng	97
9) Benzaldehyde	6.416	77	438021	41.19	ng	100
10) Phenol	6.510	94	821074	47.46	ng	97
11) bis(2-Chloroethyl)ether	6.604	93	607112	47.20	ng	98
12) 1,3-Dichlorobenzene	6.810	146	594903	45.83	ng	97
13) 1,4-Dichlorobenzene	6.887	146	606757	46.07	ng	97
14) 1,2-Dichlorobenzene	7.039	146	583777	47.16	ng	99
15) Benzyl Alcohol	7.010	79	627466	48.82	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1345113	46.33	ng	100
17) 2-Methylphenol	7.122	107	517514	47.70	ng	98
18) Hexachloroethane	7.387	117	249572	47.52	ng	96
19) n-Nitroso-di-n-propyla...	7.287	70	487694	45.20	ng	98
20) 3+4-Methylphenols	7.275	107	660730	47.73	ng	# 81
22) Acetophenone	7.275	105	925104	45.44	ng	# 90
24) Nitrobenzene	7.451	77	745669	44.36	ng	94
25) Isophorone	7.692	82	1345862	43.45	ng	100
26) 2-Nitrophenol	7.769	139	307543	53.53	ng	97
27) 2,4-Dimethylphenol	7.804	122	544763	51.39	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	752610	48.42	ng	98
29) 2,4-Dichlorophenol	8.010	162	470392	45.57	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	494604	44.59	ng	99
31) Naphthalene	8.175	128	1677805	44.38	ng	99
32) Benzoic acid	7.928	122	382233	53.60	ng	85
33) 4-Chloroaniline	8.222	127	65324	4.21	ng	# 91
34) Hexachlorobutadiene	8.298	225	304474	43.75	ng	97
35) Caprolactam	8.598	113	173831m	48.24	ng	
36) 4-Chloro-3-methylphenol	8.710	107	625499	46.72	ng	94
37) 2-Methylnaphthalene	8.869	142	1114701	44.96	ng	99
38) 1-Methylnaphthalene	8.969	142	1040366	44.35	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	481668	47.87	ng	98
41) Hexachlorocyclopentadiene	9.028	237	611091	116.87	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	350175	51.29	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	365403	48.95	ng	98
46) 1,1'-Biphenyl	9.333	154	1357936	47.59	ng	99
47) 2-Chloronaphthalene	9.363	162	1004591	46.79	ng	98
48) 2-Nitroaniline	9.451	65	466147	52.11	ng	91
49) Acenaphthylene	9.780	152	1770585	50.41	ng	100
50) Dimethylphthalate	9.639	163	1252681	49.73	ng	100
51) 2,6-Dinitrotoluene	9.698	165	268309	48.53	ng	95
52) Acenaphthene	9.951	154	1252267	55.57	ng	100
53) 3-Nitroaniline	9.863	138	87413	13.63	ng	96
54) 2,4-Dinitrophenol	9.975	184	322924	132.97	ng	89
55) Dibenzofuran	10.122	168	1504453	46.54	ng	97
56) 4-Nitrophenol	10.033	139	515245	104.84	ng	94
57) 2,4-Dinitrotoluene	10.104	165	382194	51.76	ng	93
58) Fluorene	10.469	166	1207408	47.52	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	311723	52.44	ng	98
60) Diethylphthalate	10.339	149	1308158	47.44	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	554093	47.24	ng	98
62) 4-Nitroaniline	10.486	138	302596	46.72	ng	94
63) Azobenzene	10.622	77	1427205	45.69	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	199701	51.60	ng	94
66) n-Nitrosodiphenylamine	10.580	169	1068292	44.99	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	357030	46.04	ng	98
68) Hexachlorobenzene	11.016	284	405104	46.35	ng	98
69) Atrazine	11.110	200	361108	48.80	ng	96
70) Pentachlorophenol	11.210	266	479210	104.95	ng	98
71) Phenanthrene	11.433	178	1757872	45.41	ng	100
72) Anthracene	11.486	178	1800436	46.54	ng	99
73) Carbazole	11.633	167	1707491	44.21	ng	98
74) Di-n-butylphthalate	11.969	149	2180077	46.65	ng	99
75) Fluoranthene	12.621	202	1931346	45.40	ng	100
77) Benzidine	12.739	184	687715	48.07	ng	98
78) Pyrene	12.851	202	1957262	50.95	ng	99
80) Butylbenzylphthalate	13.474	149	911514	50.50	ng	97
81) Benzo(a)anthracene	14.045	228	1412479	43.79	ng	97
82) 3,3'-Dichlorobenzidine	14.004	252	168687	16.37	ng	96
83) Chrysene	14.080	228	1387443	42.84	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	1197641	49.90	ng	99
85) Di-n-octyl phthalate	14.651	149	1856635	48.06	ng	100
87) Indeno(1,2,3-cd)pyrene	17.039	276	1392067	61.62	ng	100
88) Benzo(b)fluoranthene	15.104	252	1256185m	42.02	ng	
89) Benzo(k)fluoranthene	15.139	252	1123506	41.85	ng	98
90) Benzo(a)pyrene	15.480	252	1049029	44.12	ng	97
91) Dibenzo(a,h)anthracene	17.056	278	1144294	59.89	ng	99
92) Benzo(g,h,i)perylene	17.492	276	1168348	58.73	ng	99

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

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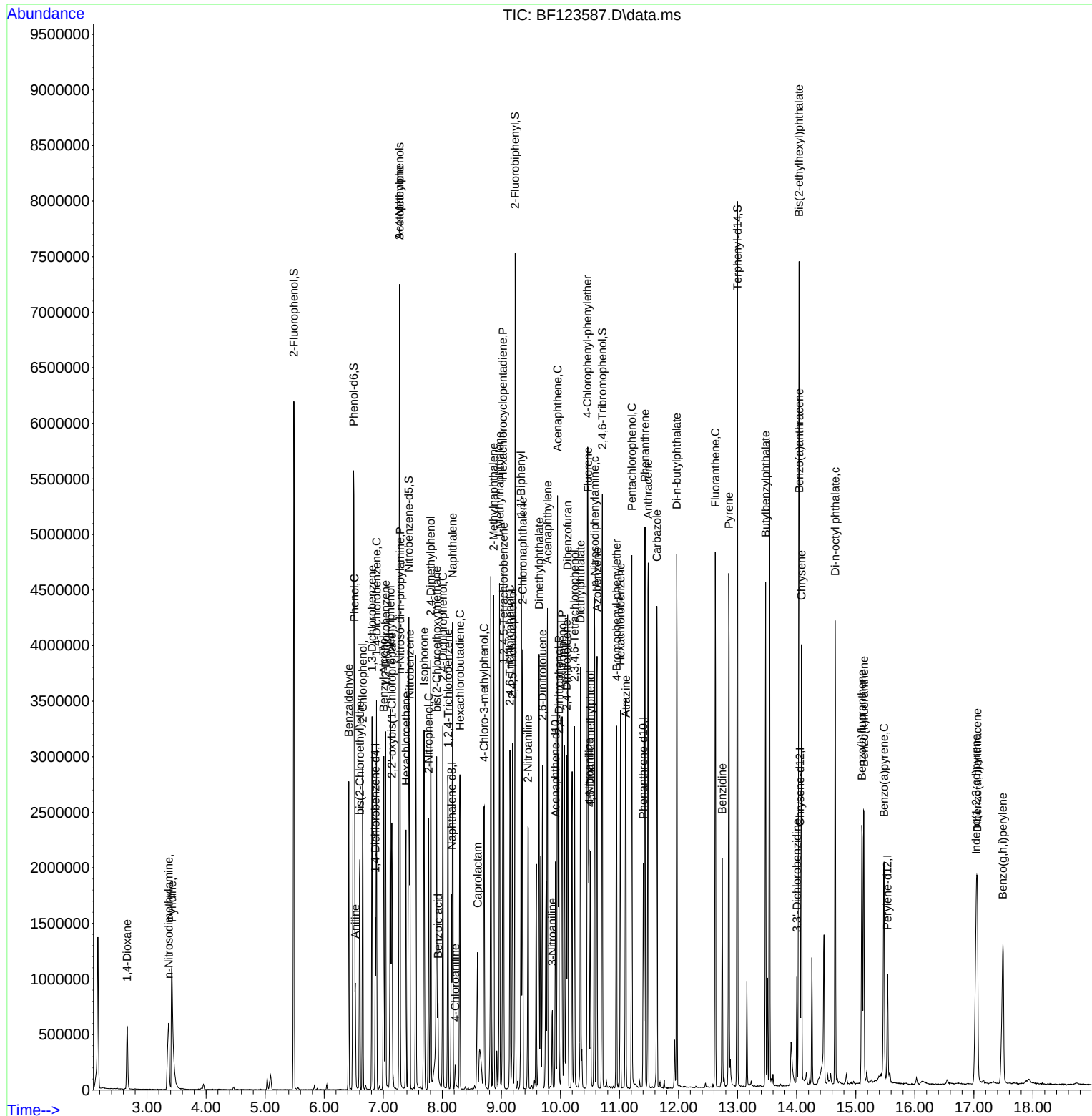
Instrument :
BNA_F
ClientSampleId :
SB-02-13.5-14.0MSD

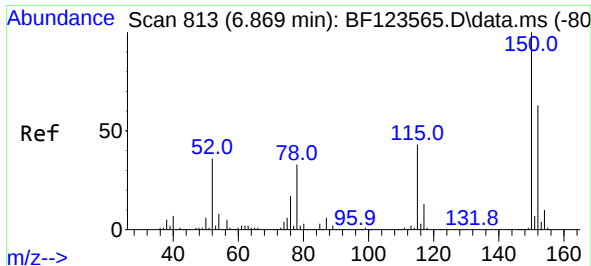
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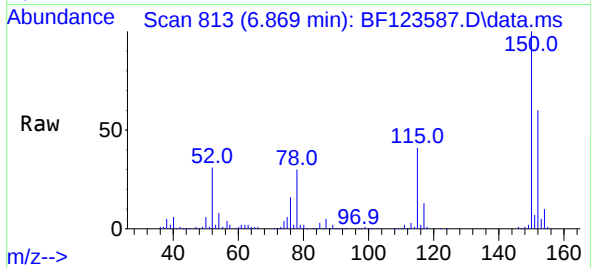
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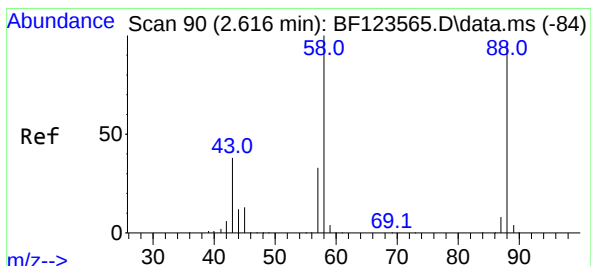
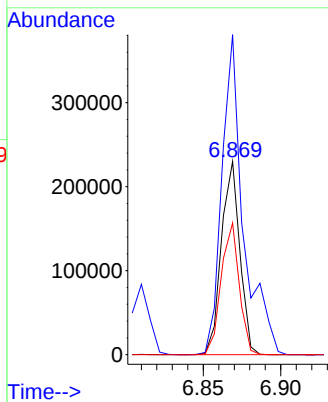
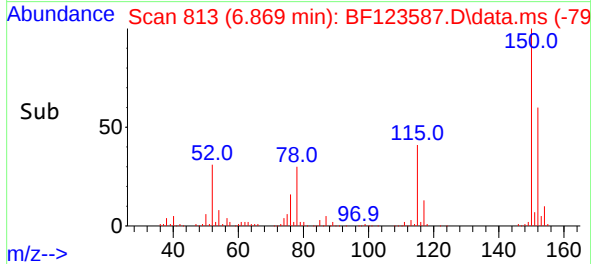




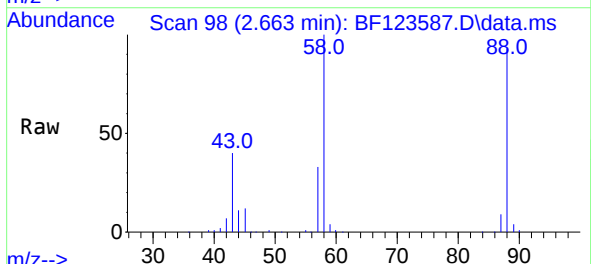
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12



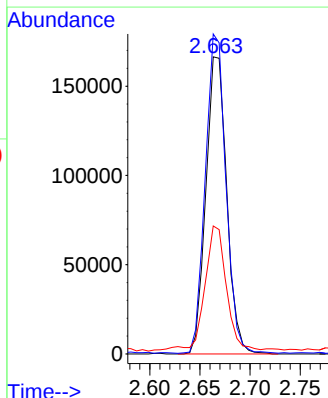
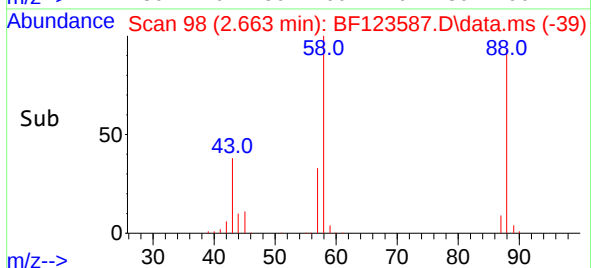
Tgt Ion: 152 Resp: 189985
Ion Ratio Lower Upper
152 100
150 165.6 127.0 190.6
115 68.2 54.3 81.5



#2
1,4-Dioxane
Concen: 39.31 ng
RT: 2.663 min Scan# 98
Delta R.T. 0.047 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12



Tgt Ion: 88 Resp: 241408
Ion Ratio Lower Upper
88 100
58 106.0 83.8 125.8
43 44.0 32.2 48.4

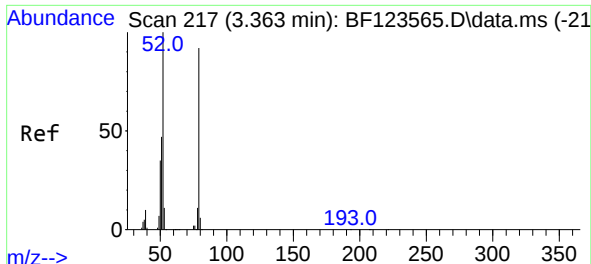


Instrument :
BNA_F
ClientSampleId :
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#3
Pyridine
Concen: 44.98 ng
RT: 3.422 min Scan# 227
Delta R.T. 0.047 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

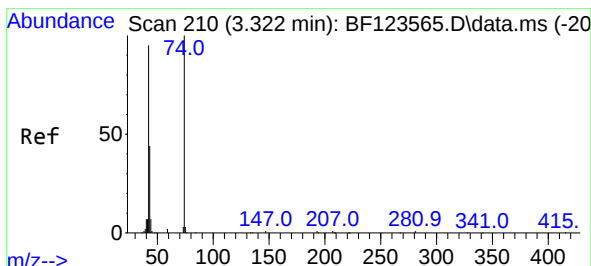
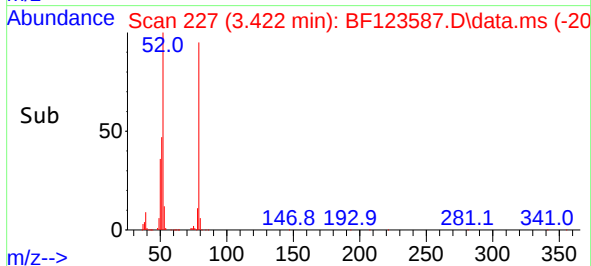
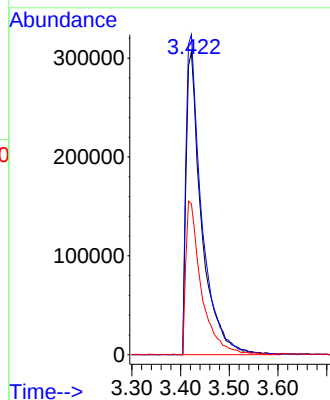
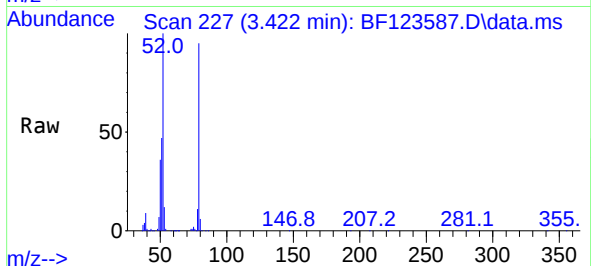
Tgt Ion: 79 Resp: 675371
Ion Ratio Lower Upper
79 100
52 105.7 87.4 131.0
51 49.9 41.4 62.0

Instrument :
BNA_F
ClientSampleId :
SB-02-13.5-14.0MSD

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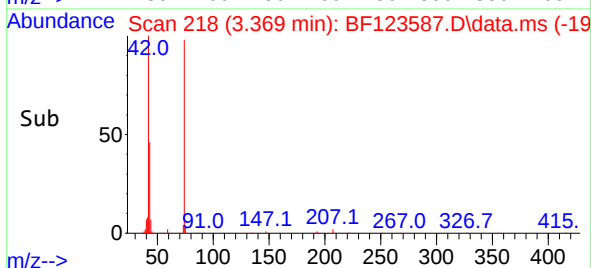
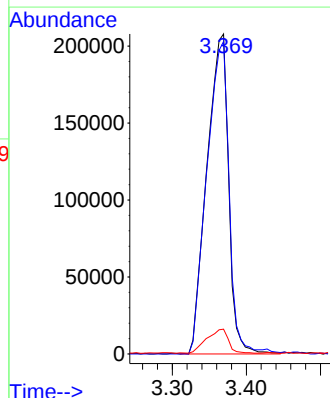
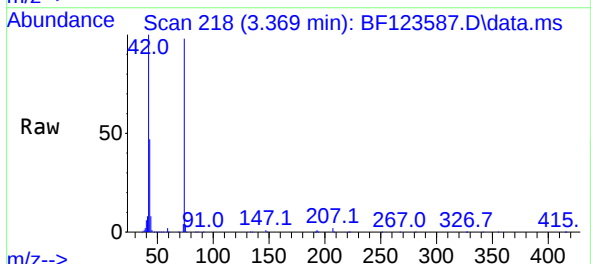
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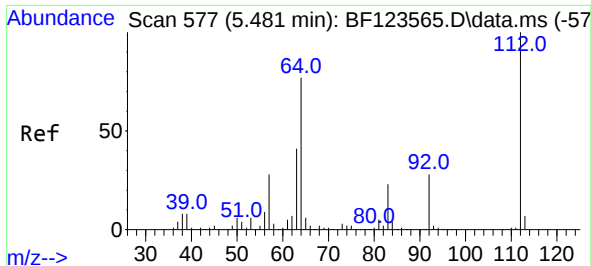
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#4
n-Nitrosodimethylamine
Concen: 47.69 ng
RT: 3.369 min Scan# 218
Delta R.T. 0.047 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

Tgt Ion: 42 Resp: 424348
Ion Ratio Lower Upper
42 100
74 97.6 83.5 125.3
44 7.7 5.7 8.5





#5
2-Fluorophenol
Concen: 127.13 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

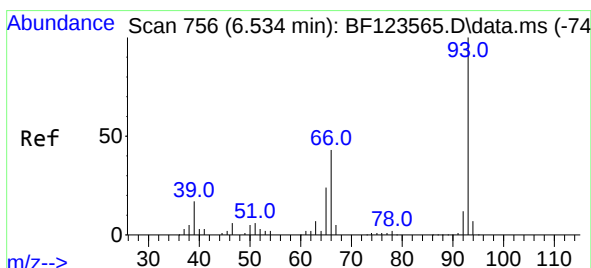
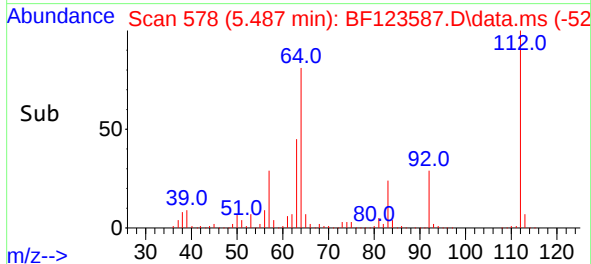
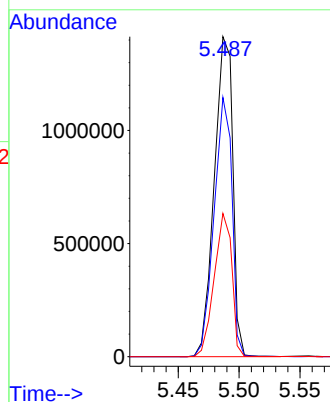
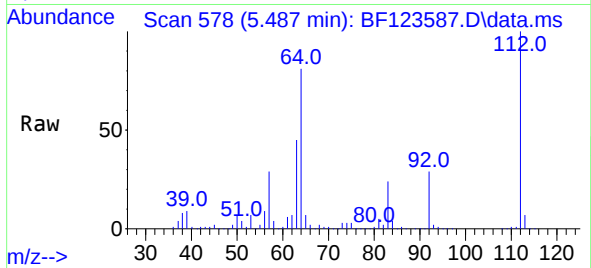
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Tgt Ion:112 Resp: 1494408
Ion Ratio Lower Upper
112 100
64 81.0 61.4 92.0
63 44.8 33.0 49.4

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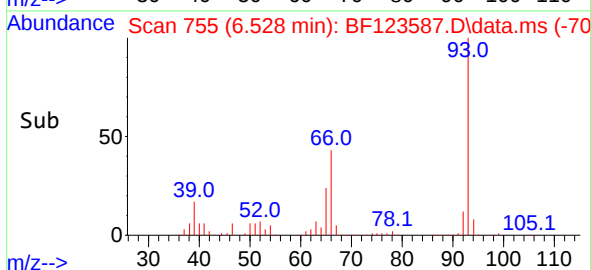
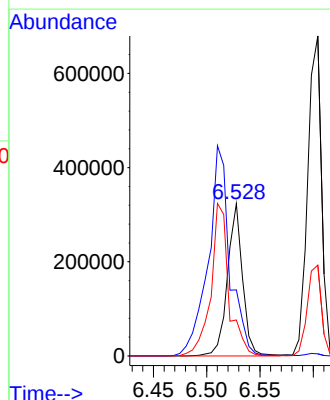
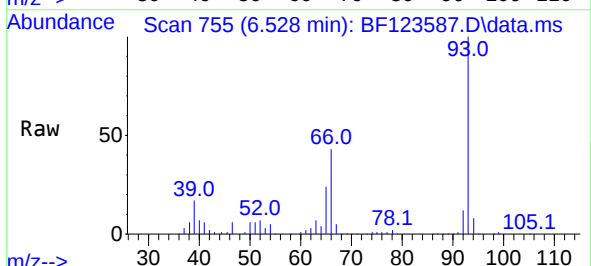
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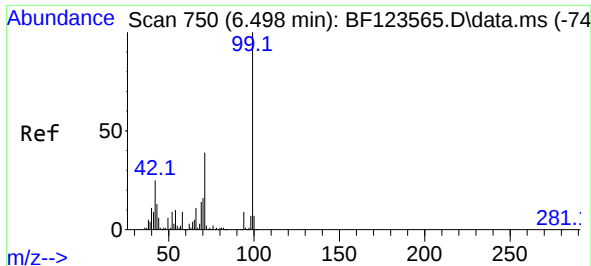
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#6
Aniline
Concen: 16.63 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

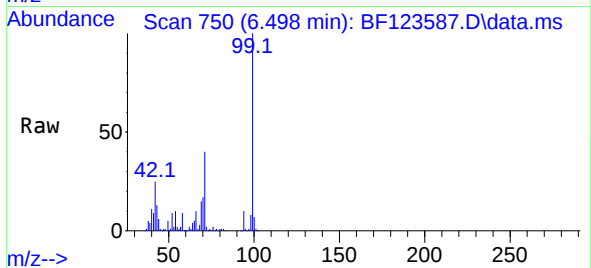
Tgt Ion: 93 Resp: 318772
Ion Ratio Lower Upper
93 100
66 43.4 36.4 54.6
65 23.7 19.4 29.0





#7
Phenol-d6
Concen: 122.20 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

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BNA_F
ClientSampleId :
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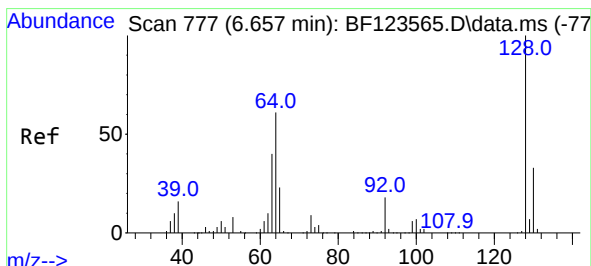
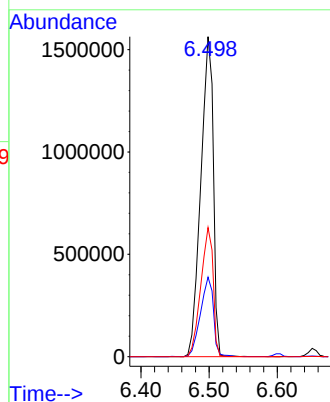
Tgt Ion: 99 Resp: 1990430

Ion	Ratio	Lower	Upper
99	100		
42	24.9	19.8	29.8
71	40.4	31.1	46.7

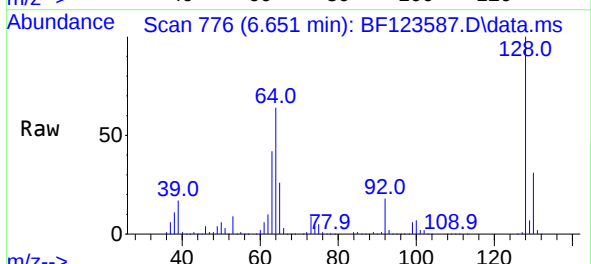
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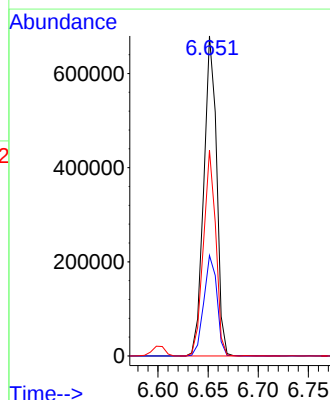
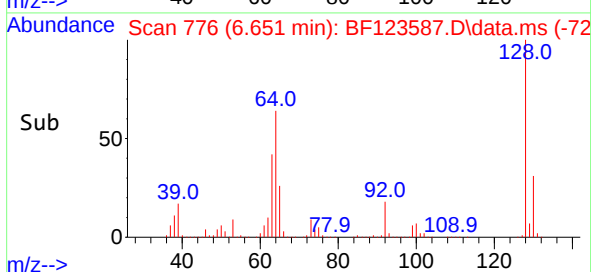


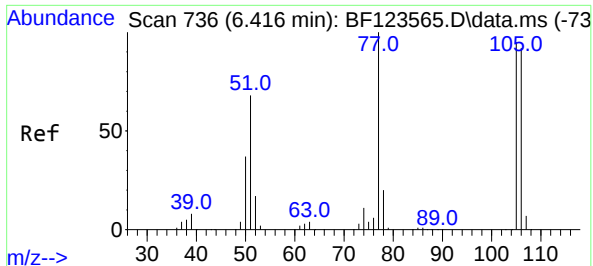
#8
2-Chlorophenol
Concen: 48.25 ng
RT: 6.651 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12



Tgt Ion: 128 Resp: 609253

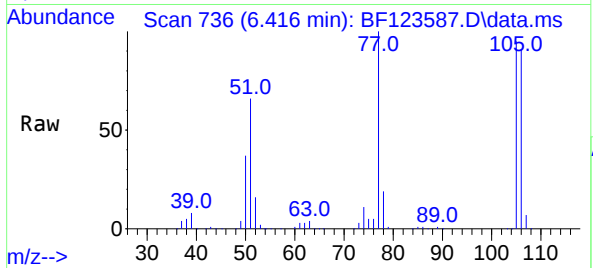
Ion	Ratio	Lower	Upper
128	100		
130	31.4	12.6	52.6
64	64.3	41.5	81.5





#9
Benzaldehyde
Concen: 41.19 ng
RT: 6.416 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF123587.D
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BNA_F
ClientSampleId :
SB-02-13.5-14.0MSD

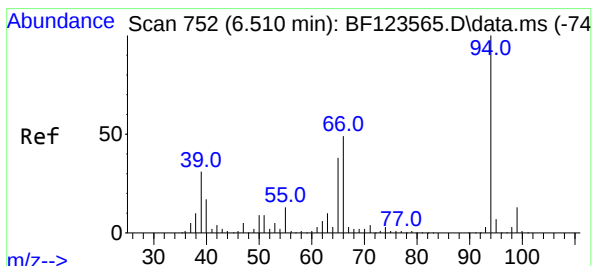
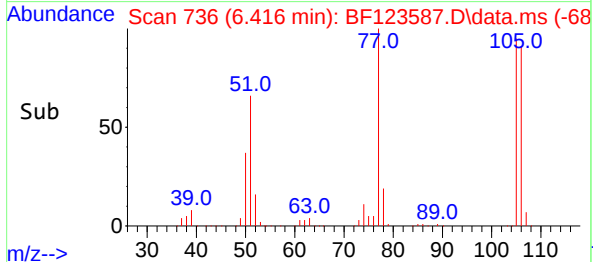
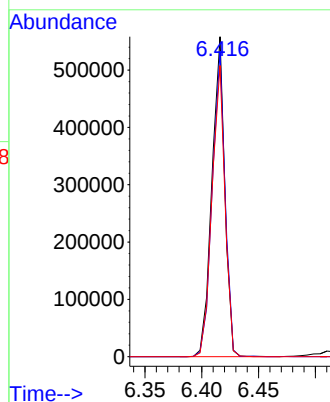


Tgt Ion: 77 Resp: 438021
Ion Ratio Lower Upper
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105 95.5 75.2 115.2
106 91.0 71.6 111.6

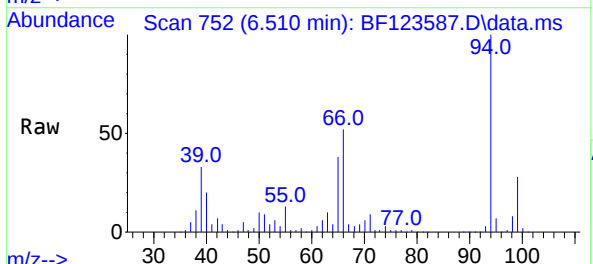
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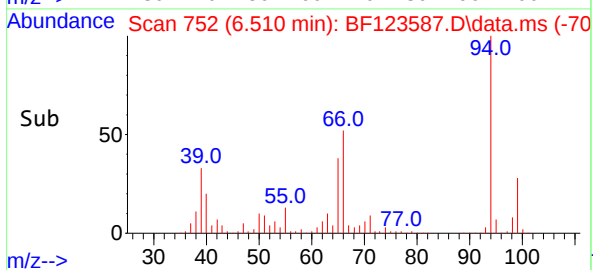
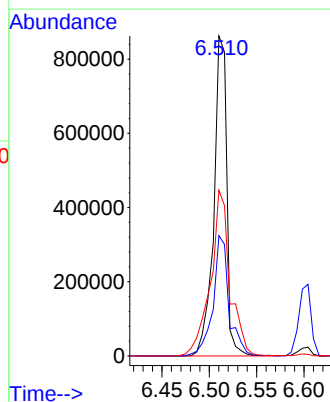
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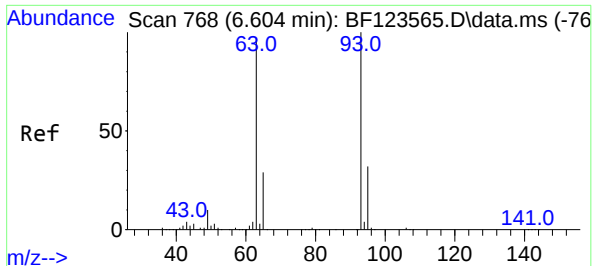


#10
Phenol
Concen: 47.46 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12



Tgt Ion: 94 Resp: 821074
Ion Ratio Lower Upper
94 100
65 37.6 18.1 58.1
66 51.8 29.0 69.0





#11
bis(2-Chloroethyl)ether
Concen: 47.20 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

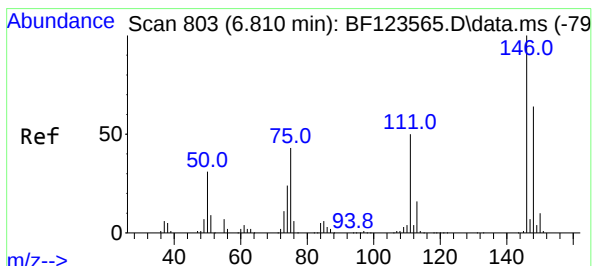
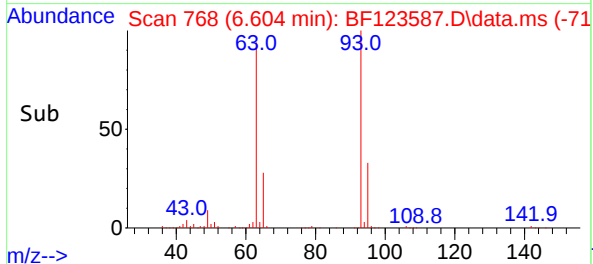
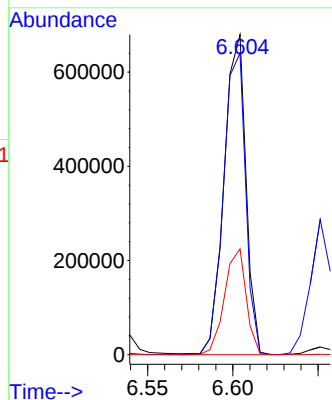
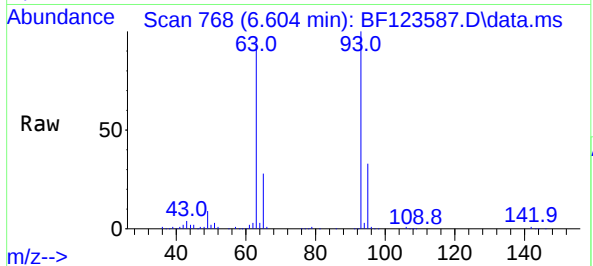
Tgt Ion: 93 Resp: 607112
Ion Ratio Lower Upper
93 100
63 94.3 76.1 116.1
95 33.0 11.5 51.5

Instrument :
BNA_F
ClientSampleId :
SB-02-13.5-14.0MSD

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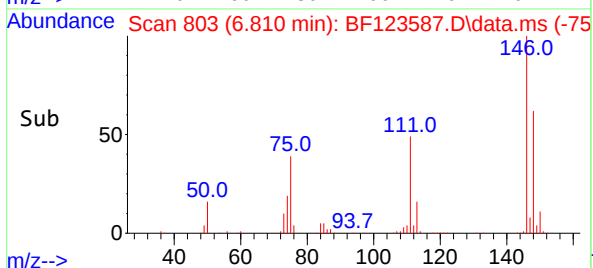
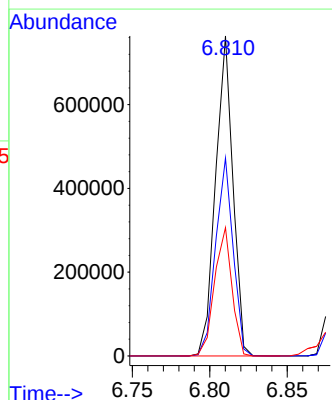
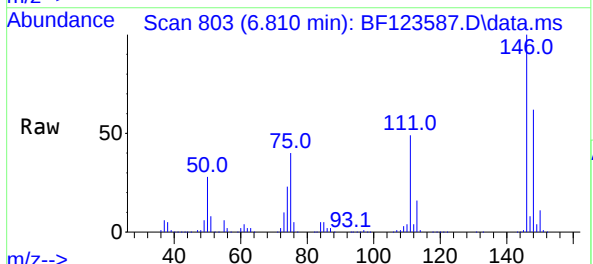
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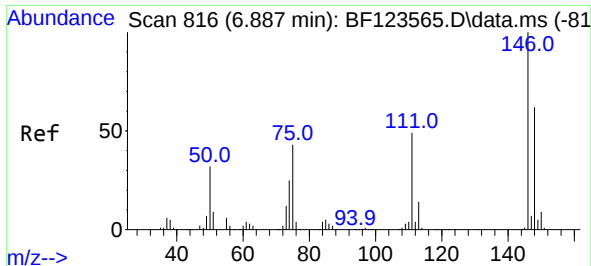
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#12
1,3-Dichlorobenzene
Concen: 45.83 ng
RT: 6.810 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

Tgt Ion: 146 Resp: 594903
Ion Ratio Lower Upper
146 100
148 61.9 50.9 76.3
75 40.1 34.2 51.4





#13
1,4-Dichlorobenzene
Concen: 46.07 ng
RT: 6.887 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

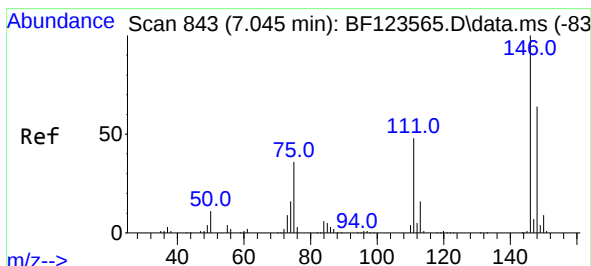
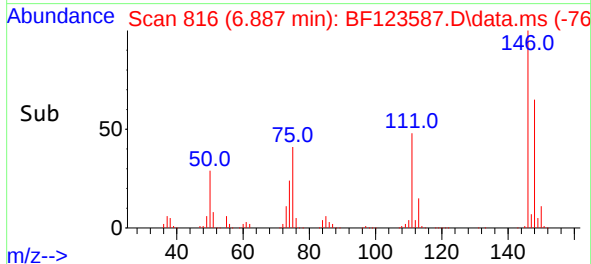
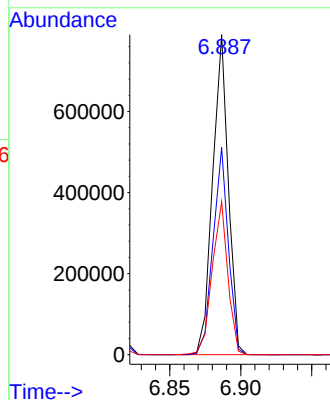
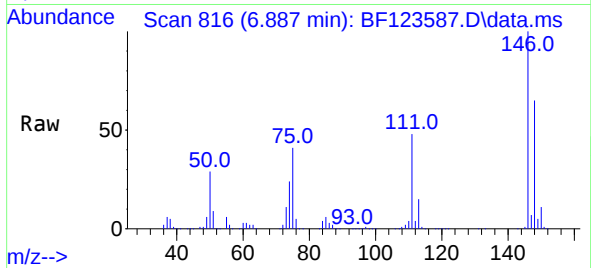
Tgt Ion:146 Resp: 606757
Ion Ratio Lower Upper
146 100
148 64.8 49.9 74.9
111 47.8 39.5 59.3

Instrument :
BNA_F
ClientSampleId :
SB-02-13.5-14.0MSD

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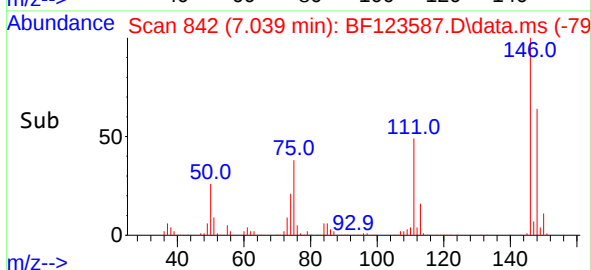
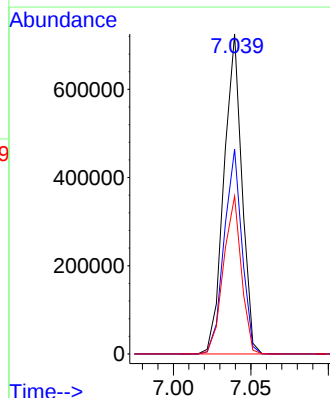
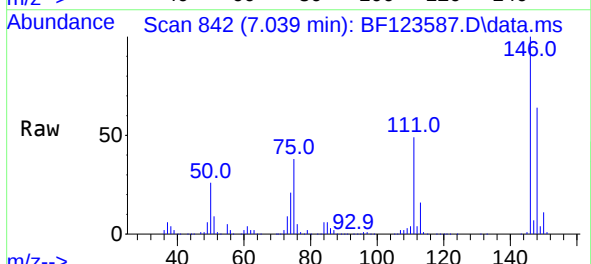
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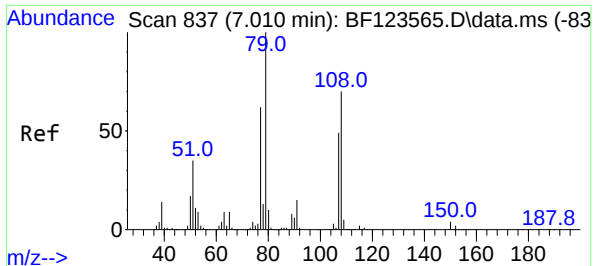
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#14
1,2-Dichlorobenzene
Concen: 47.16 ng
RT: 7.039 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

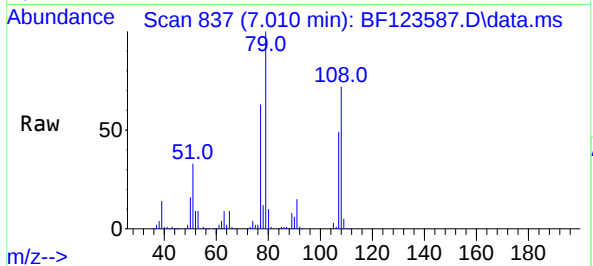
Tgt Ion:146 Resp: 583777
Ion Ratio Lower Upper
146 100
148 64.0 51.6 77.4
111 49.3 38.4 57.6





#15
Benzyl Alcohol
Concen: 48.82 ng
RT: 7.010 min Scan# 837
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

Instrument :
BNA_F
ClientSampleId :
SB-02-13.5-14.0MSD

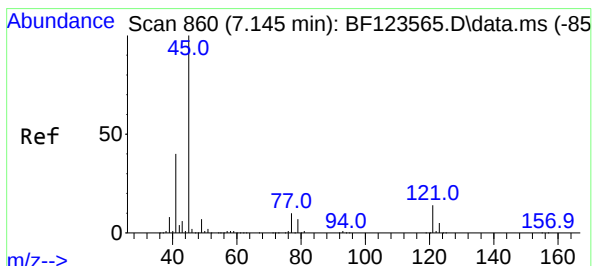
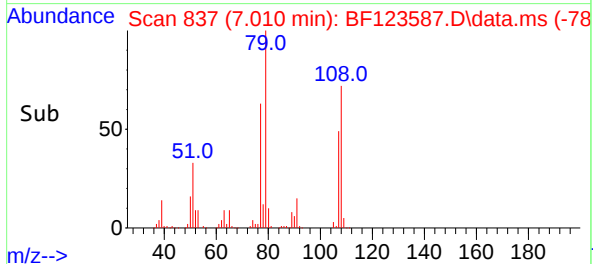
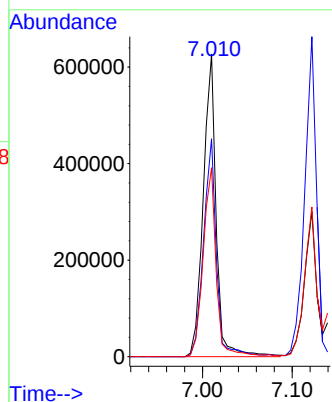


Tgt Ion: 79 Resp: 627466
Ion Ratio Lower Upper
79 100
108 72.1 55.8 83.8
77 62.5 49.9 74.9

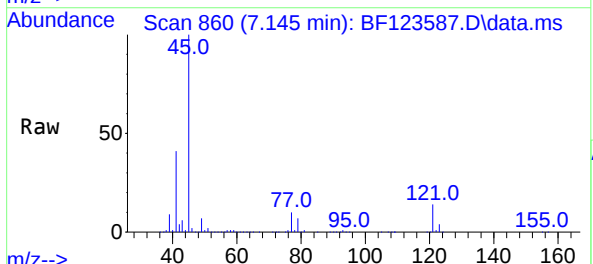
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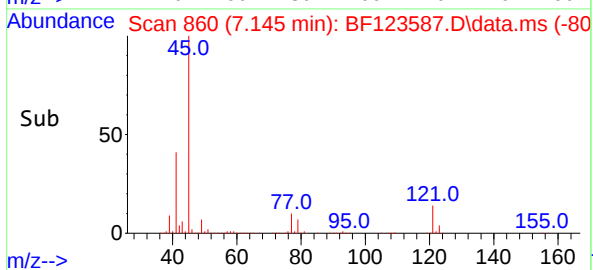
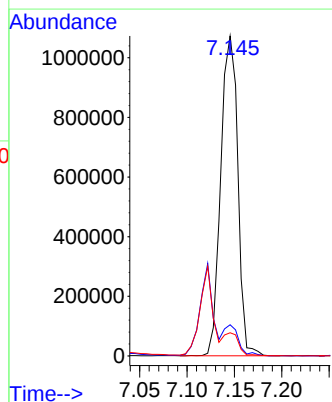
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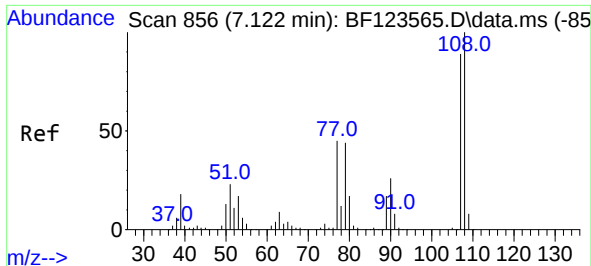


#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.33 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

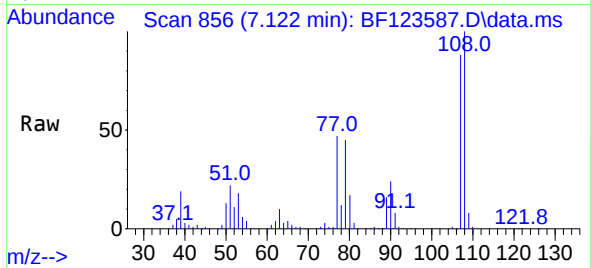


Tgt Ion: 45 Resp: 1345113
Ion Ratio Lower Upper
45 100
77 9.7 0.0 30.0
79 7.3 0.0 27.3

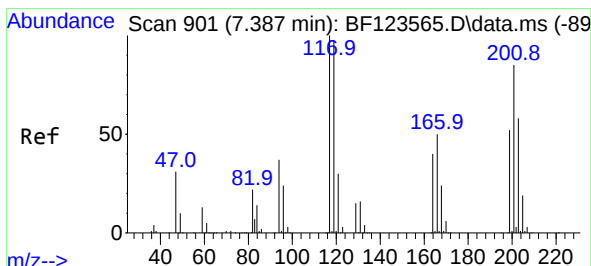
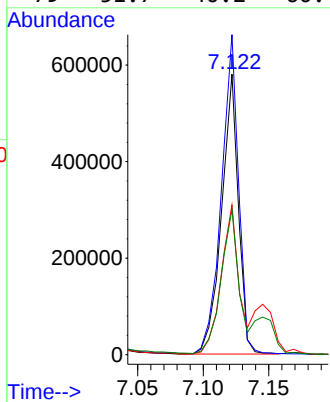
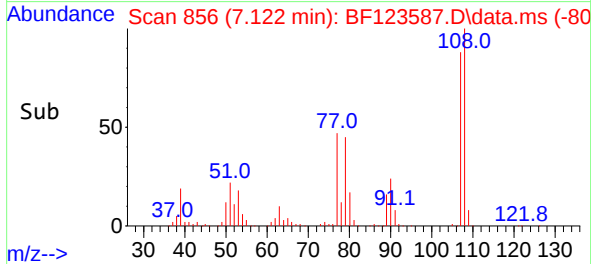




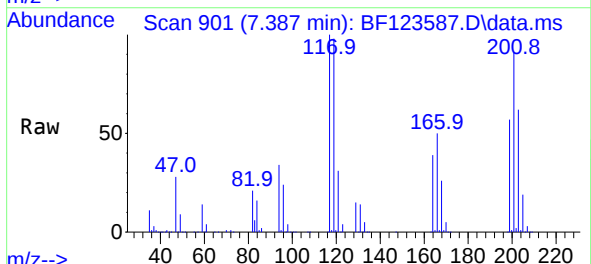
#17
2-Methylphenol
Concen: 47.70 ng
RT: 7.122 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12



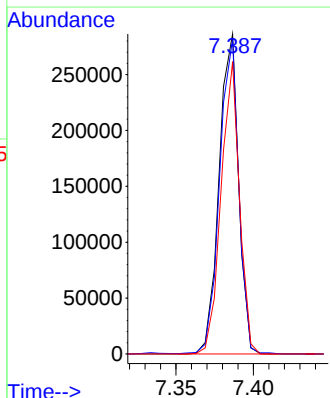
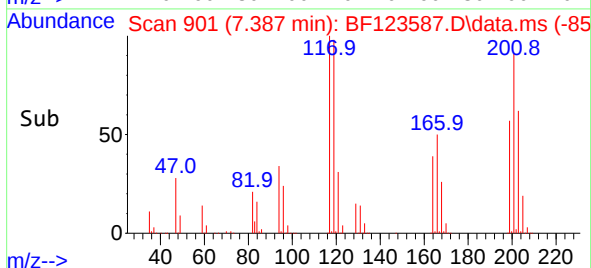
Tgt Ion:	107	Resp:	517514
Ion	Ratio	Lower	Upper
107	100		
108	114.1	89.8	134.8
77	53.4	40.9	61.3
79	51.7	40.2	60.4



#18
Hexachloroethane
Concen: 47.52 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12



Tgt Ion:	117	Resp:	249572
Ion	Ratio	Lower	Upper
117	100		
119	98.4	77.8	116.8
201	91.4	67.8	101.8

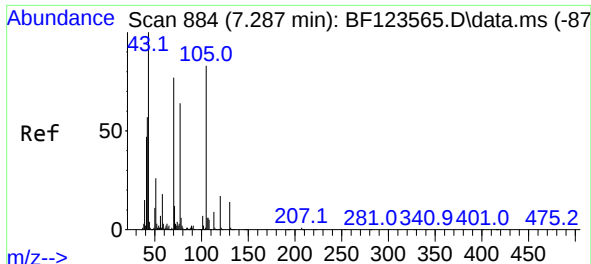


Instrument :
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ClientSampleId :
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#19
n-Nitroso-di-n-propylamine
Concen: 45.20 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

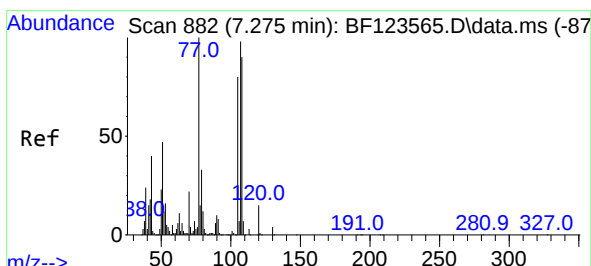
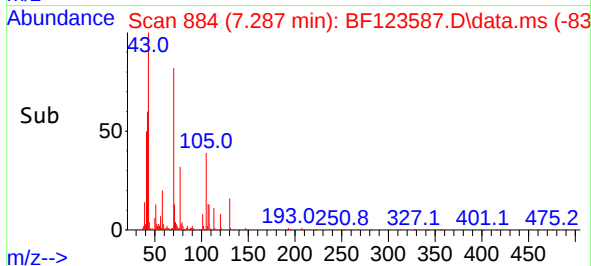
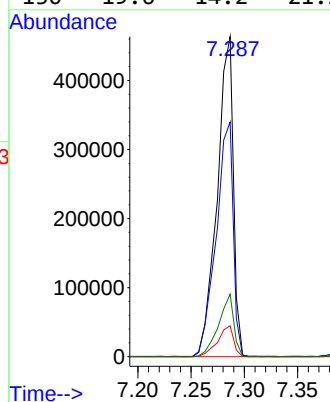
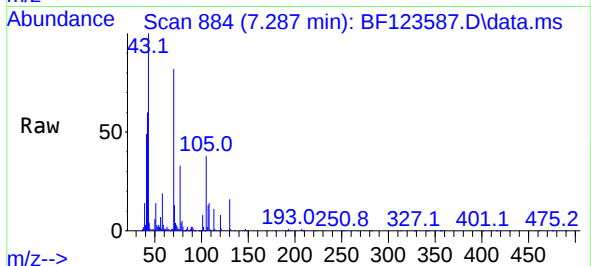
Tgt Ion:	70	Resp:	487694
Ion	Ratio	Lower	Upper
70	100		
42	73.4	60.1	90.1
101	9.7	7.4	11.2
130	19.6	14.2	21.2

Instrument :
BNA_F
ClientSampleId :
SB-02-13.5-14.0MSD

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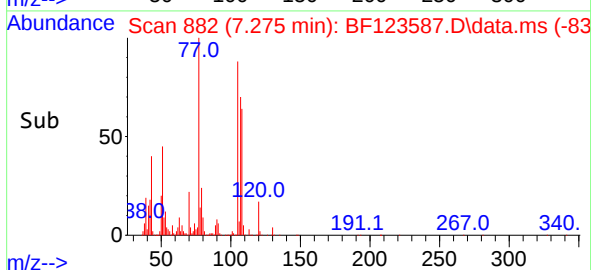
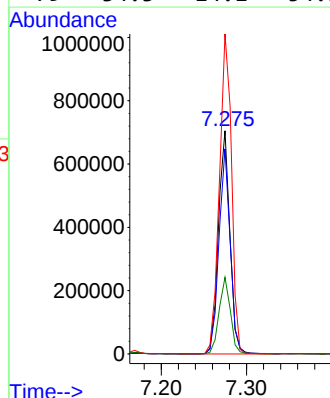
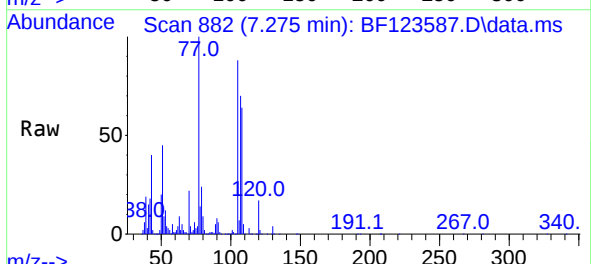
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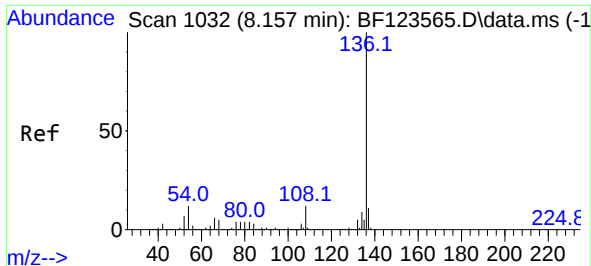
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#20
3+4-Methylphenols
Concen: 47.73 ng
RT: 7.275 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

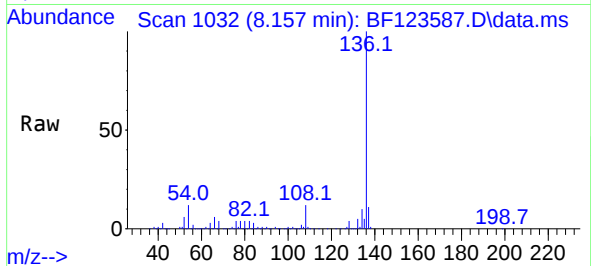
Tgt Ion:	107	Resp:	660730
Ion	Ratio	Lower	Upper
107	100		
108	91.9	71.5	111.5
77	143.4	82.0	122.0#
79	34.3	14.1	54.1





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

Instrument :
BNA_F
ClientSampleId :
SB-02-13.5-14.0MSD

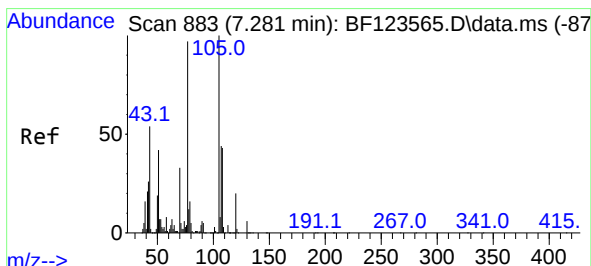
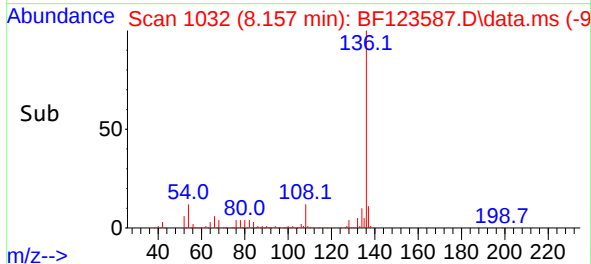
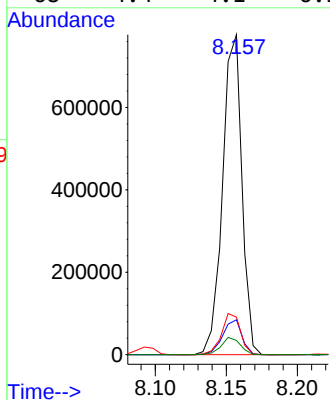


Tgt Ion:	136	Resp:	733995
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.7	13.1
54	11.8	9.8	14.6
68	4.4	4.1	6.1

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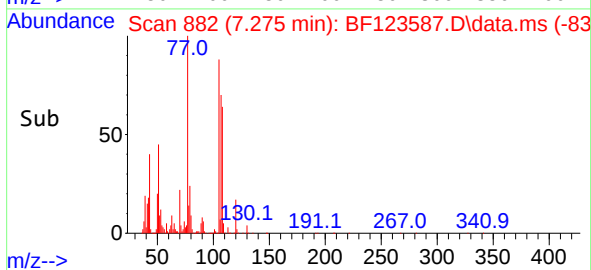
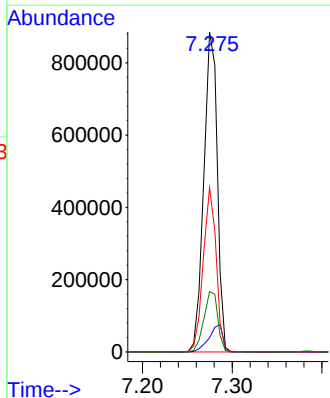
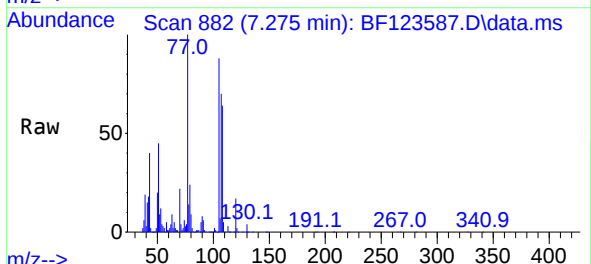
mohammad

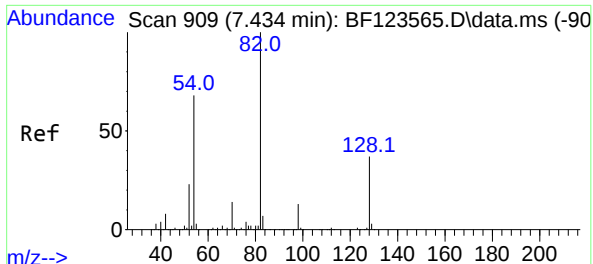
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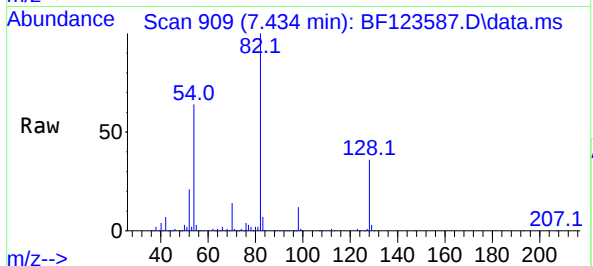
#22
Acetophenone
Concen: 45.44 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

Tgt Ion:	105	Resp:	925104
Ion Ratio	Lower	Upper	
105	100		
71	4.4	4.2	6.4
51	51.4	33.6	50.4#
120	18.9	16.3	24.5

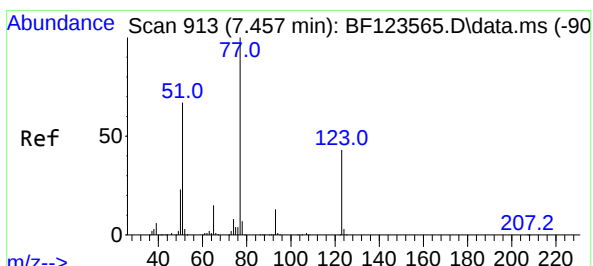
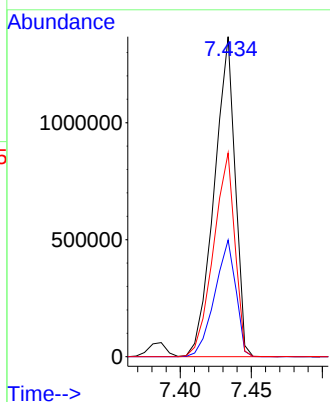
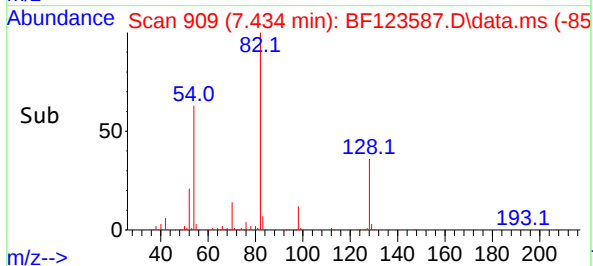




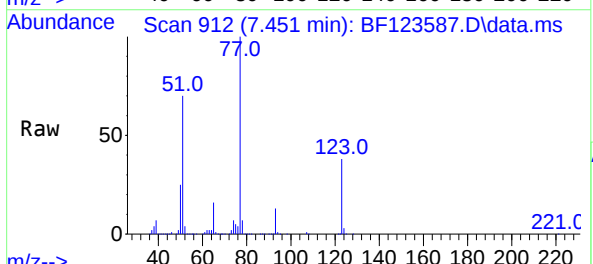
#23
Nitrobenzene-d5
Concen: 87.75 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12



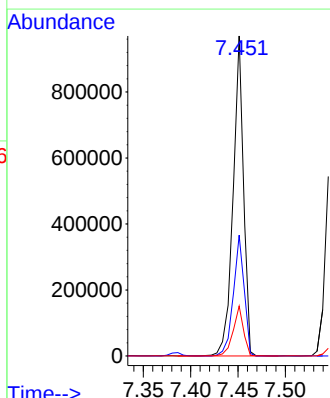
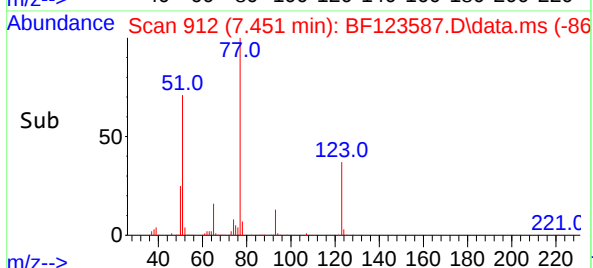
Tgt Ion: 82 Resp: 1401116
Ion Ratio Lower Upper
82 100
128 36.5 29.4 44.2
54 63.7 54.1 81.1



#24
Nitrobenzene
Concen: 44.36 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12



Tgt Ion: 77 Resp: 745669
Ion Ratio Lower Upper
77 100
123 37.8 34.5 51.7
65 15.6 12.2 18.2

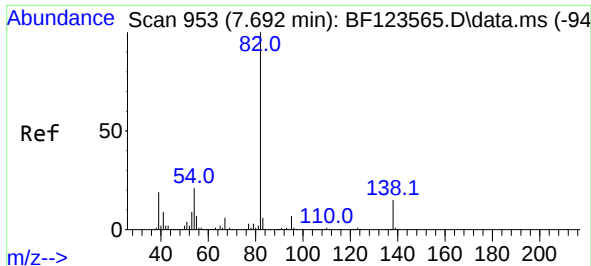


Instrument :
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ClientSampleId :
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#25
Isophorone
Concen: 43.45 ng
RT: 7.692 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

Tgt Ion: 82 Resp: 1345862

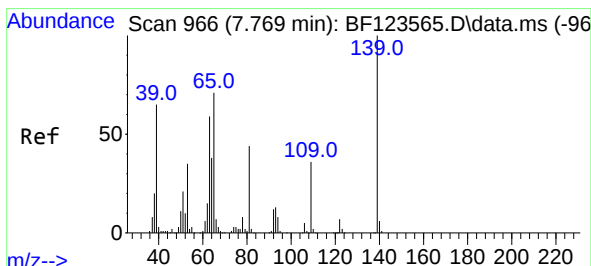
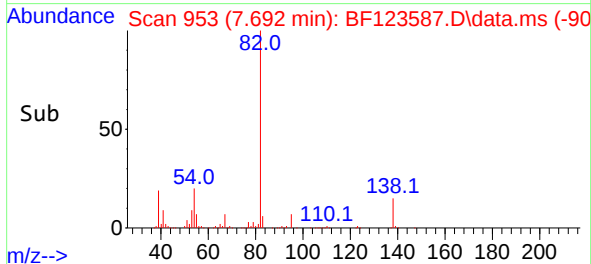
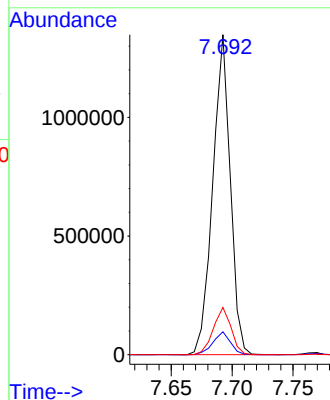
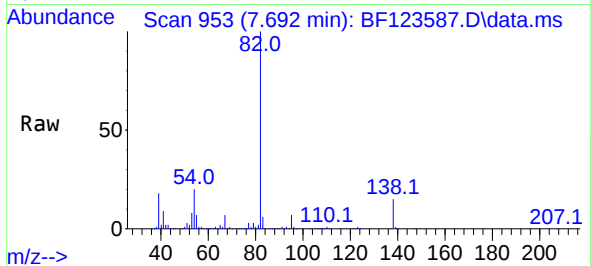
Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.8	8.6
138	14.7	11.8	17.8

Instrument :
BNA_F
ClientSampleId :
SB-02-13.5-14.0MSD

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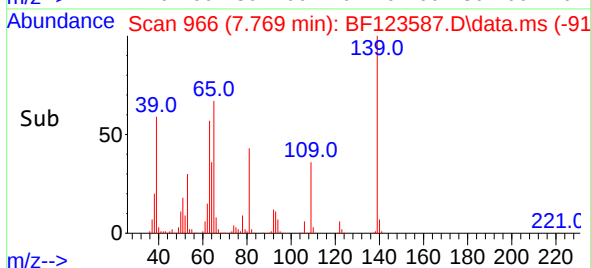
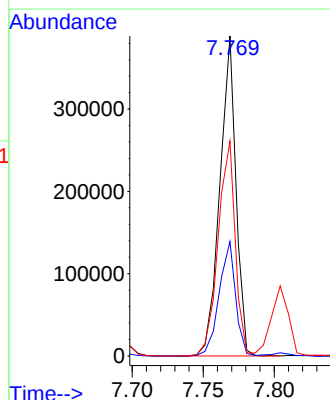
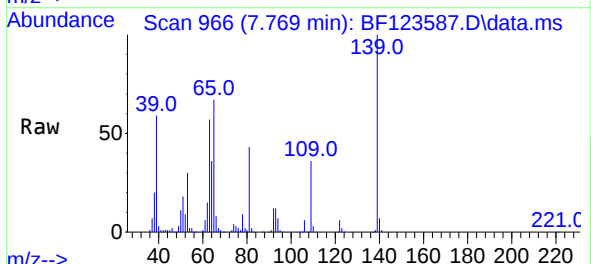
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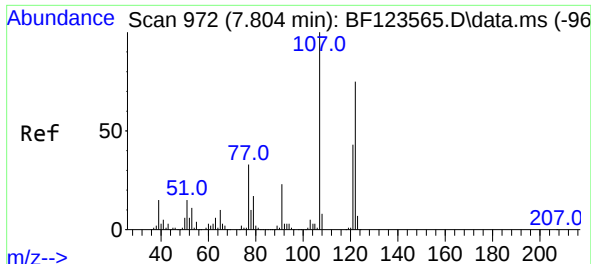


#26
2-Nitrophenol
Concen: 53.53 ng
RT: 7.769 min Scan# 966
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

Tgt Ion: 139 Resp: 307543

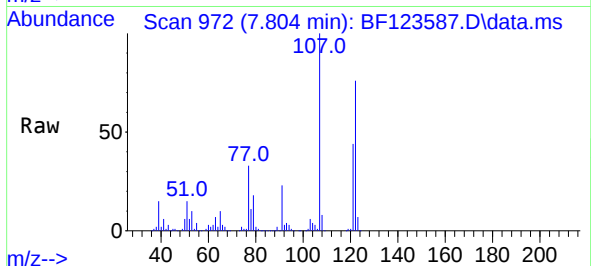
Ion	Ratio	Lower	Upper
139	100		
109	35.7	28.6	43.0
65	67.1	56.8	85.2





#27
2,4-Dimethylphenol
Concen: 51.39 ng
RT: 7.804 min Scan# 972
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

Instrument :
BNA_F
ClientSampleId :
SB-02-13.5-14.0MSD

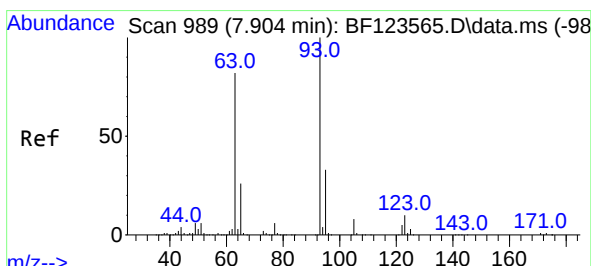
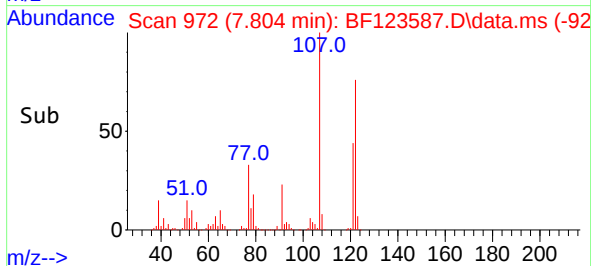
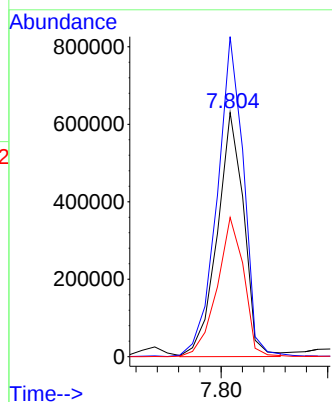


Tgt Ion:122 Resp: 544763
Ion Ratio Lower Upper
122 100
107 131.1 106.3 159.5
121 57.0 45.4 68.0

Manual Integrations
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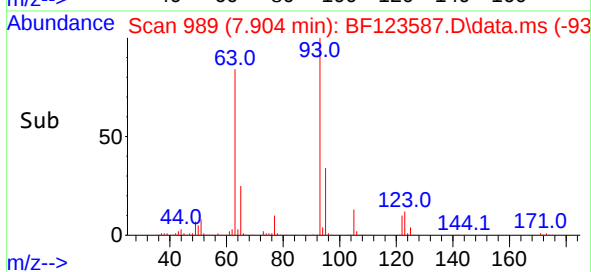
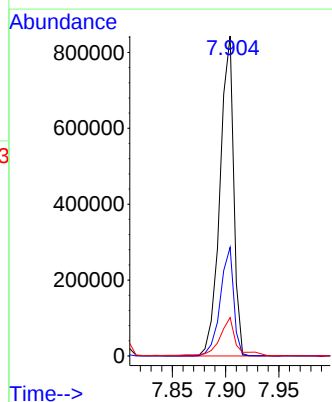
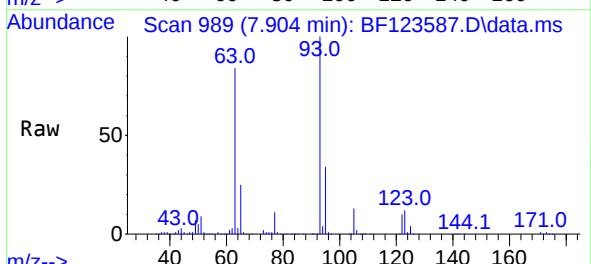
mohammad

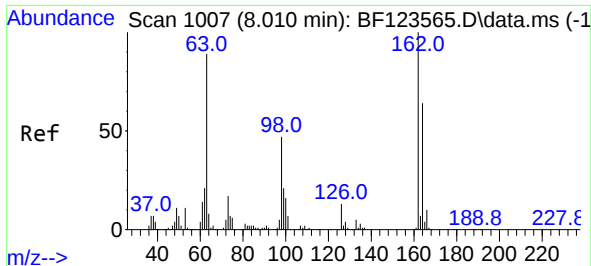
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#28
bis(2-Chloroethoxy)methane
Concen: 48.42 ng
RT: 7.904 min Scan# 989
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

Tgt Ion: 93 Resp: 752610
Ion Ratio Lower Upper
93 100
95 33.9 26.5 39.7
123 12.0 8.4 12.6





#29
2,4-Dichlorophenol
Concen: 45.57 ng
RT: 8.010 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

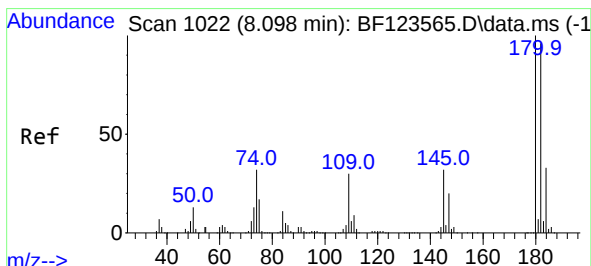
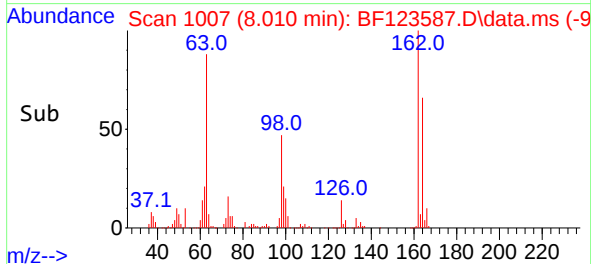
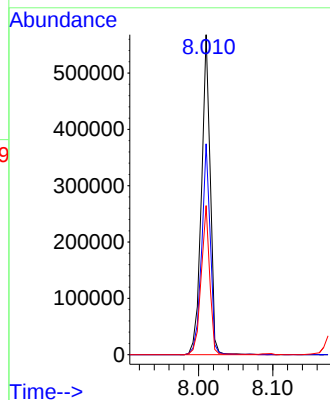
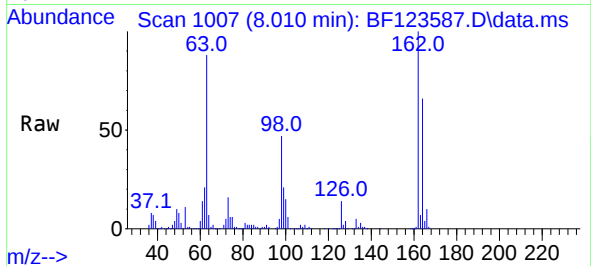
Tgt Ion:162 Resp: 470392
Ion Ratio Lower Upper
162 100
164 65.9 44.1 84.1
98 46.6 27.3 67.3

Instrument :
BNA_F
ClientSampleId :
SB-02-13.5-14.0MSD

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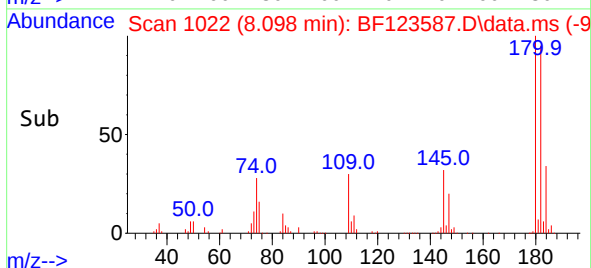
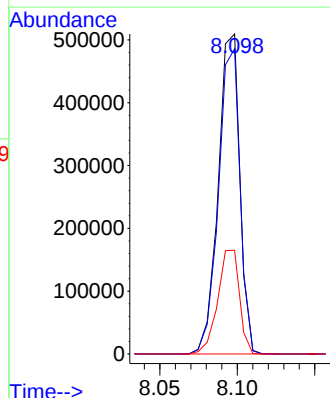
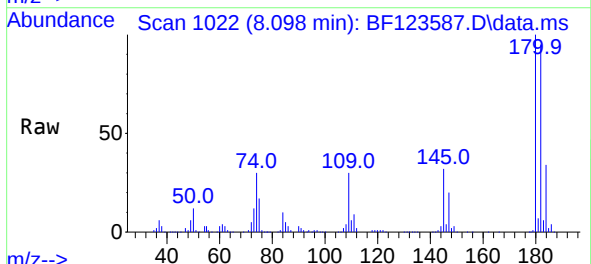
mohammad

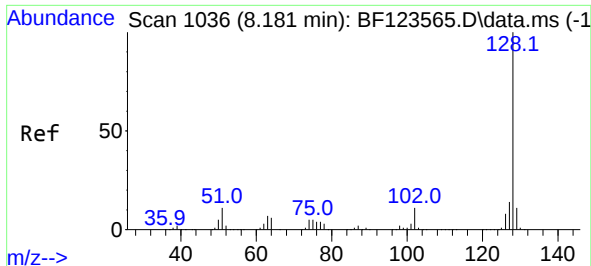
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#30
1,2,4-Trichlorobenzene
Concen: 44.59 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

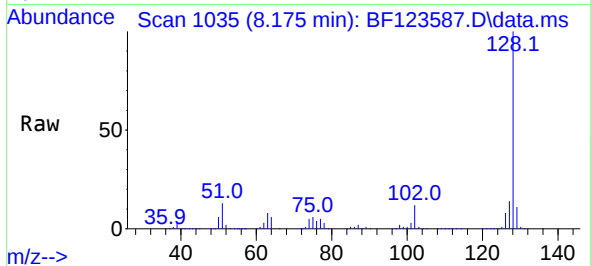
Tgt Ion:180 Resp: 494604
Ion Ratio Lower Upper
180 100
182 95.3 77.2 115.8
145 32.4 26.0 39.0





#31
Naphthalene
Concen: 44.38 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

Instrument :
BNA_F
ClientSampleId :
SB-02-13.5-14.0MSD

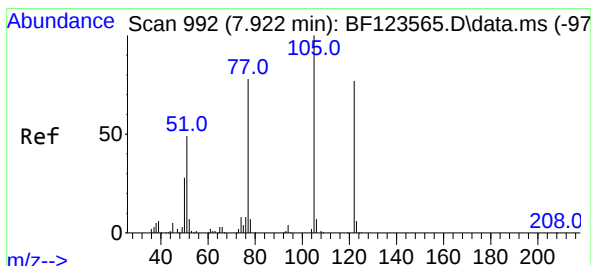
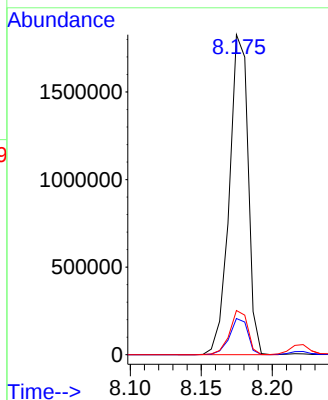
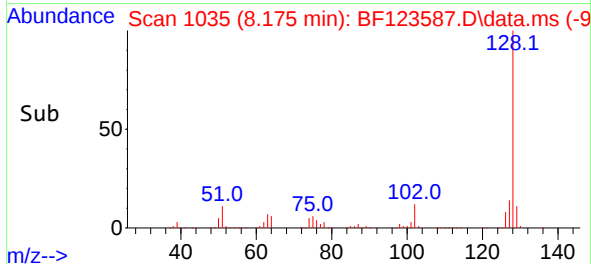


Tgt Ion:128 Resp: 1677805
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.8 10.8 16.2

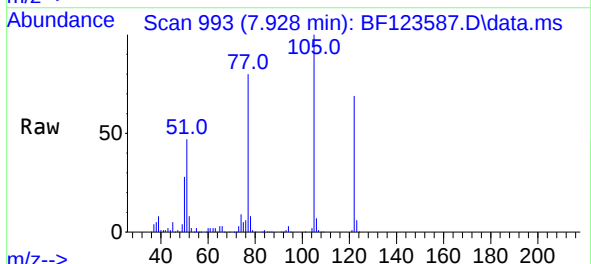
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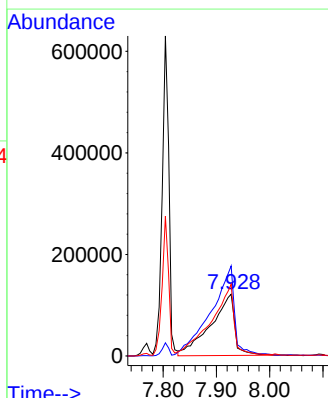
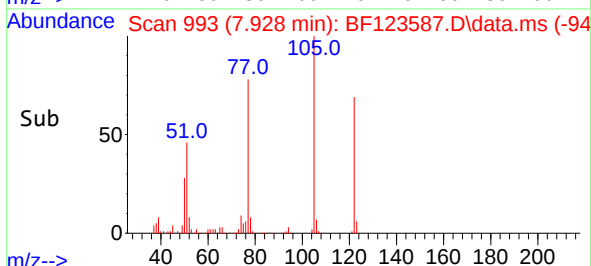
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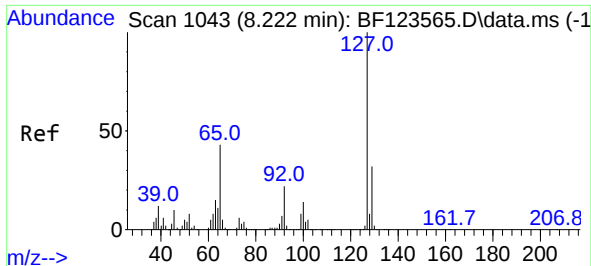


#32
Benzoic acid
Concen: 53.60 ng
RT: 7.928 min Scan# 993
Delta R.T. 0.006 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12



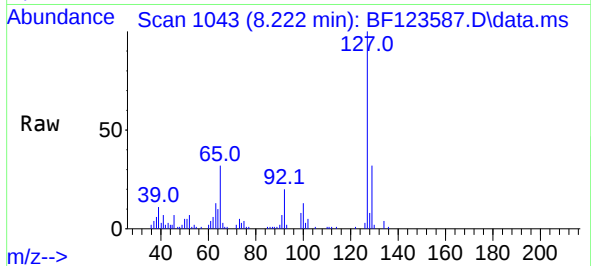
Tgt Ion:122 Resp: 382233
Ion Ratio Lower Upper
122 100
105 145.9 107.8 147.8
77 116.1 81.6 121.6





#33
4-Chloroaniline
Concen: 4.21 ng
RT: 8.222 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

Instrument :
BNA_F
ClientSampleId :
SB-02-13.5-14.0MSD



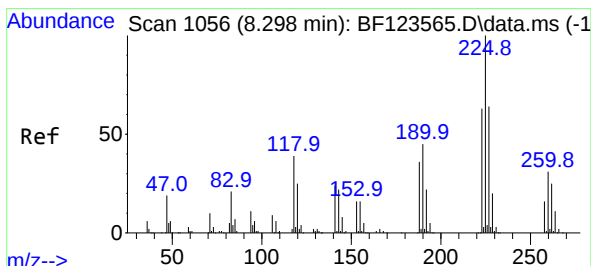
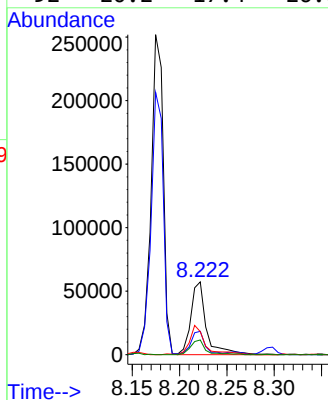
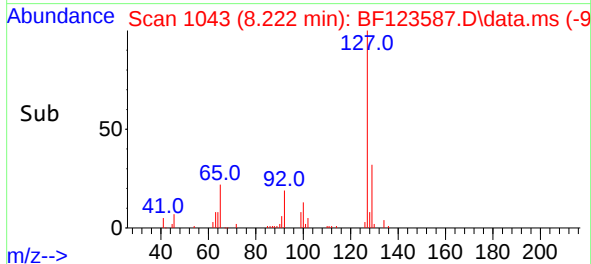
Tgt Ion:127 Resp: 65324

Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.7	38.5
65	31.8	34.5	51.7#
92	20.2	17.4	26.0

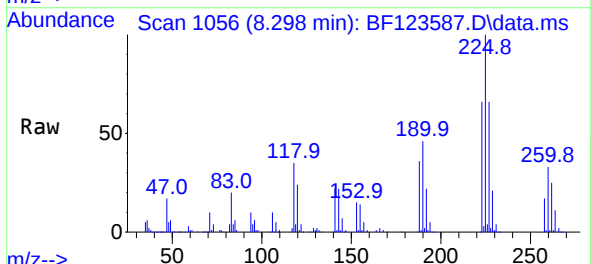
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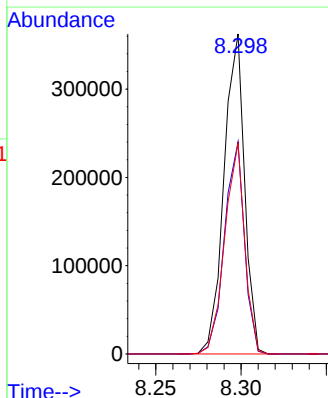
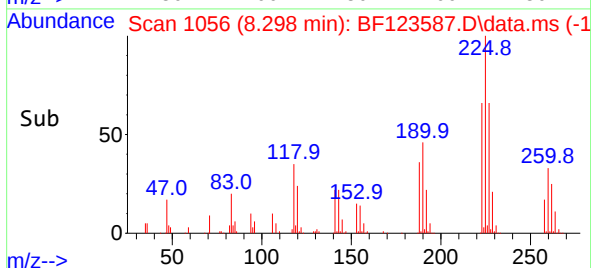


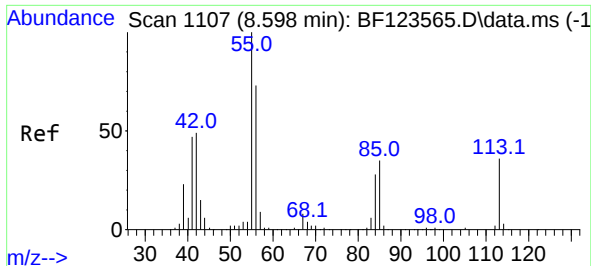
#34
Hexachlorobutadiene
Concen: 43.75 ng
RT: 8.298 min Scan# 1056
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12



Tgt Ion:225 Resp: 304474

Ion	Ratio	Lower	Upper
225	100		
223	66.2	50.4	75.6
227	65.8	51.4	77.0





#35
Caprolactam
Concen: 48.24 ng m
RT: 8.598 min Scan# 1107
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

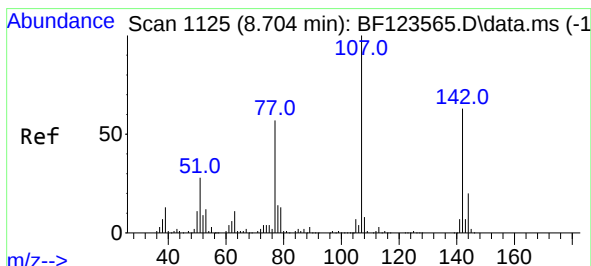
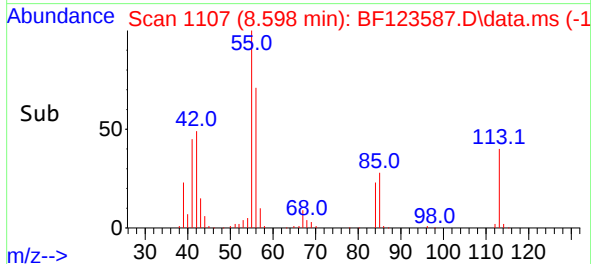
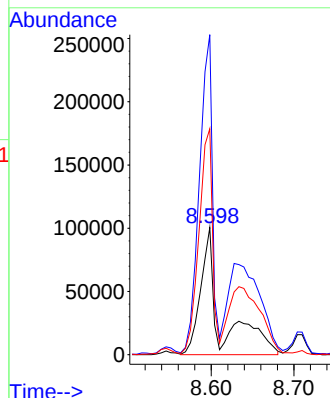
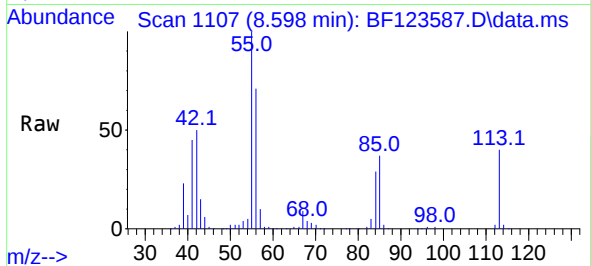
Tgt Ion:113 Resp: 173831
Ion Ratio Lower Upper
113 100
55 251.5 254.9 294.9#
56 177.6 179.4 219.4#

Instrument :
BNA_F
ClientSampleId :
SB-02-13.5-14.0MSD

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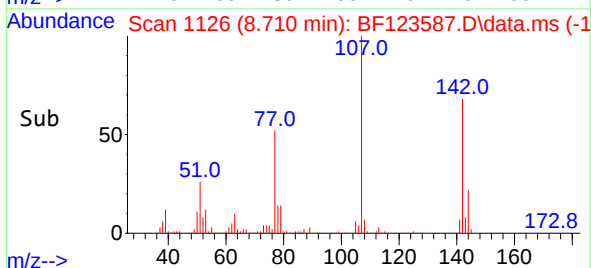
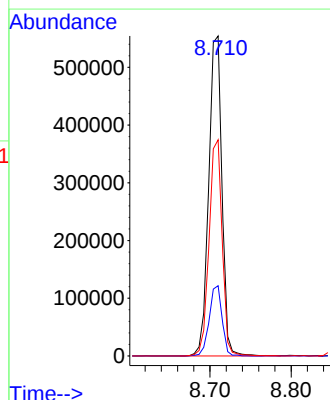
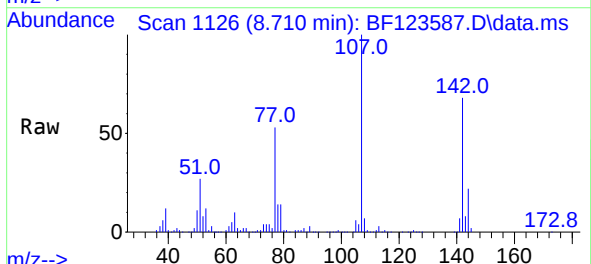
mohammad

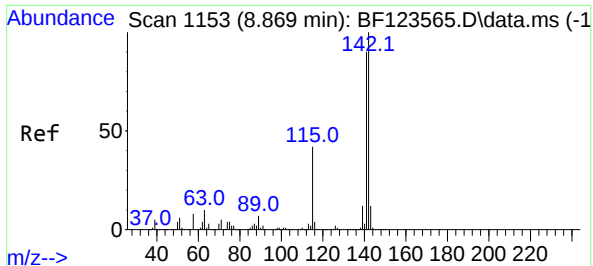
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#36
4-Chloro-3-methylphenol
Concen: 46.72 ng
RT: 8.710 min Scan# 1126
Delta R.T. 0.006 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

Tgt Ion:107 Resp: 625499
Ion Ratio Lower Upper
107 100
144 22.0 16.3 24.5
142 67.6 50.1 75.1





#37

2-Methylnaphthalene

Concen: 44.96 ng

RT: 8.869 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF123587.D

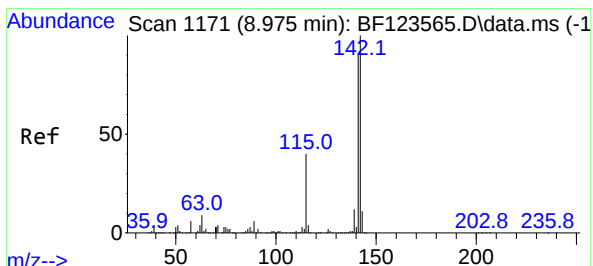
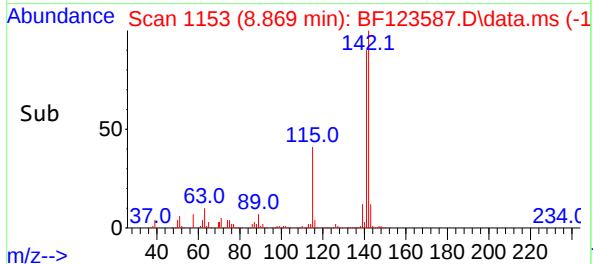
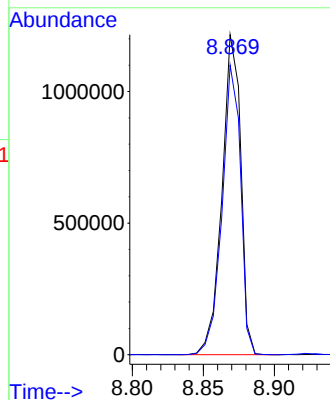
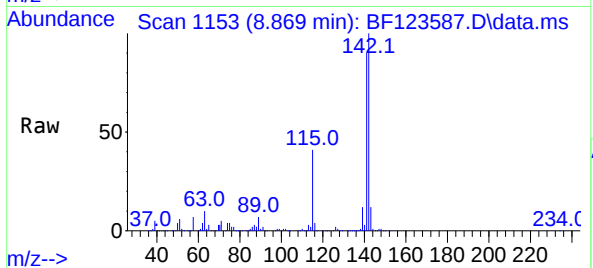
Acq: 16 Apr 2021 12:12

Tgt Ion:142 Resp: 1114701

Ion Ratio Lower Upper

142 100

141 90.5 71.8 107.6



#38

1-Methylnaphthalene

Concen: 44.35 ng

RT: 8.969 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF123587.D

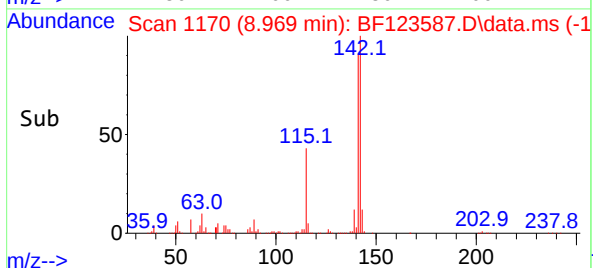
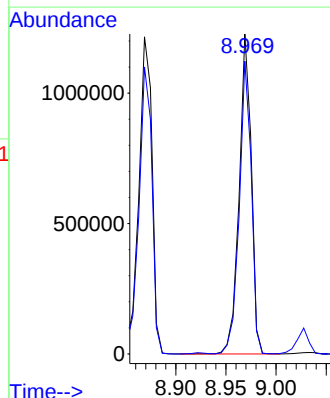
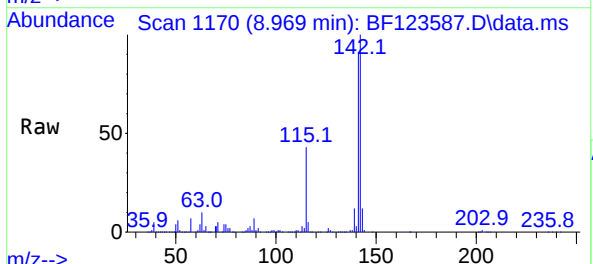
Acq: 16 Apr 2021 12:12

Tgt Ion:142 Resp: 1040366

Ion Ratio Lower Upper

142 100

141 91.5 72.8 109.2



Instrument :

BNA_F

ClientSampleId :

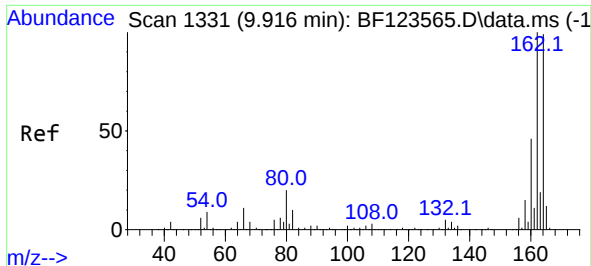
SB-02-13.5-14.0MSD

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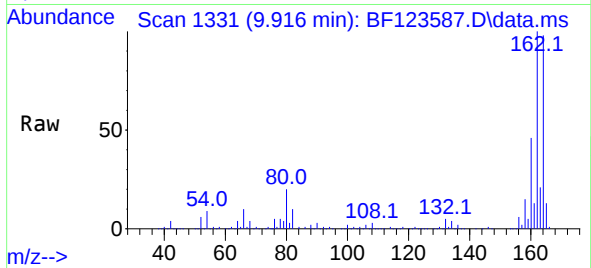
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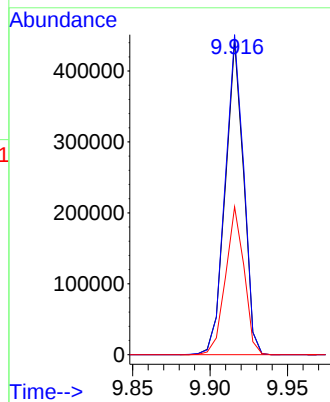
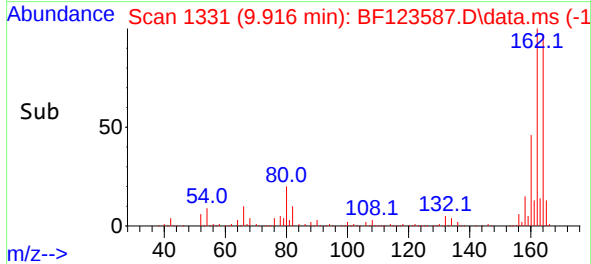
4/19/2021 11:44:59 AM



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12



Tgt Ion:164 Resp: 364575
Ion Ratio Lower Upper
164 100
162 101.9 80.7 121.1
160 47.1 37.3 55.9

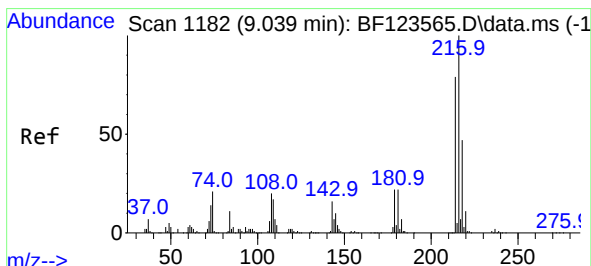


Instrument :
BNA_F
ClientSampleId :
SB-02-13.5-14.0MSD

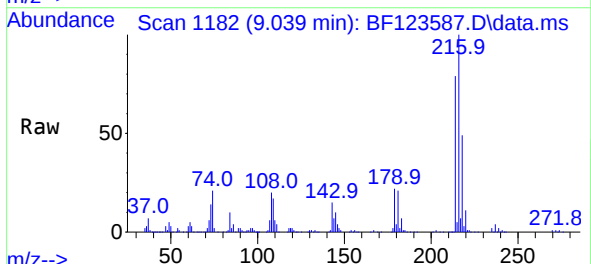
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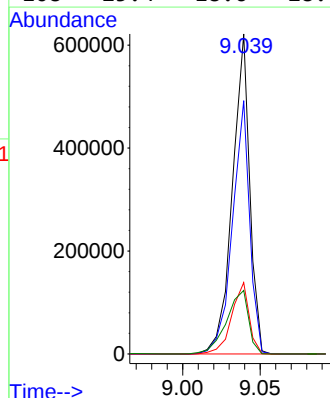
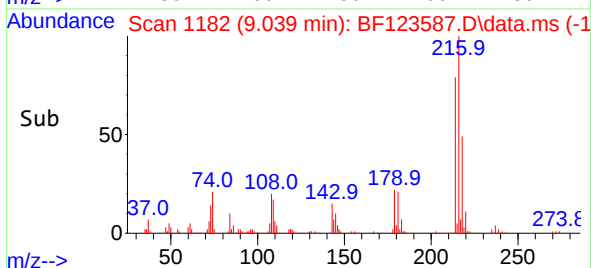
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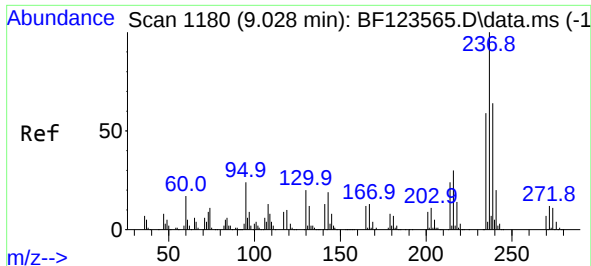


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.87 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12



Tgt Ion:216 Resp: 481668
Ion Ratio Lower Upper
216 100
214 78.9 63.8 95.8
179 22.6 17.9 26.9
108 25.4 18.6 28.0





#41
Hexachlorocyclopentadiene
Concen: 116.87 ng
RT: 9.028 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

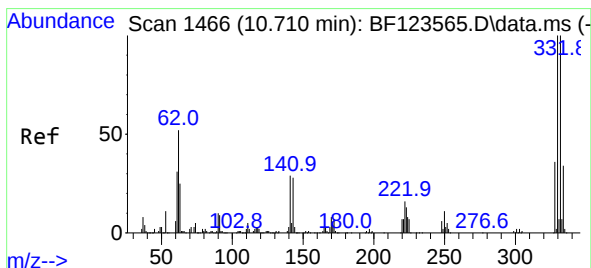
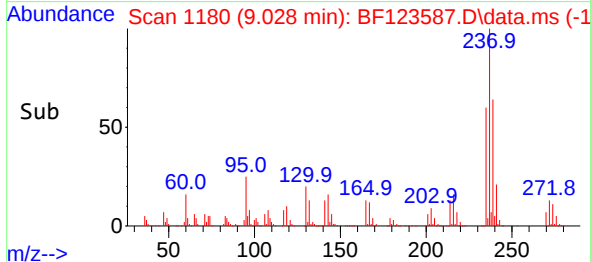
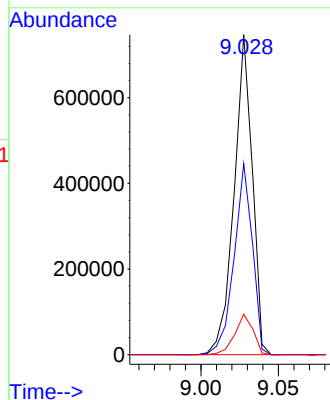
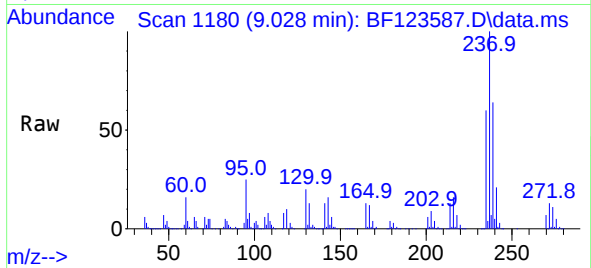
Tgt Ion:237 Resp: 611091
Ion Ratio Lower Upper
237 100
235 59.7 38.8 78.8
272 12.6 0.0 32.4

Instrument :
BNA_F
ClientSampleId :
SB-02-13.5-14.0MSD

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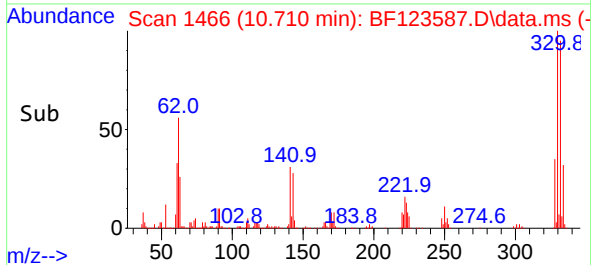
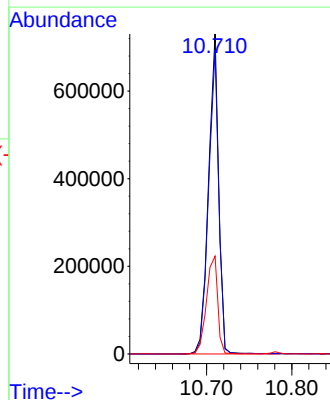
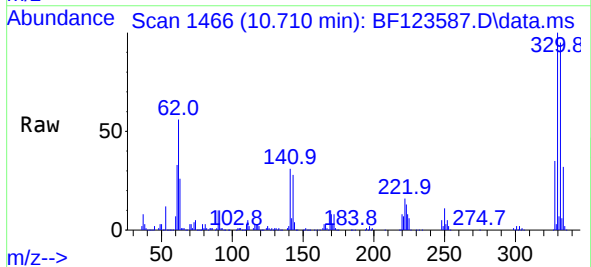
mohammad

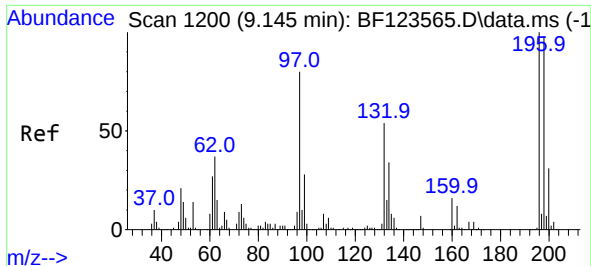
4/19/2021 11:44:59 AM



#42
2,4,6-Tribromophenol
Concen: 146.83 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

Tgt Ion:330 Resp: 606195
Ion Ratio Lower Upper
330 100
332 95.0 77.1 115.7
141 33.7 27.9 41.9





#43
2,4,6-Trichlorophenol
Concen: 51.29 ng
RT: 9.145 min Scan# 1200
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

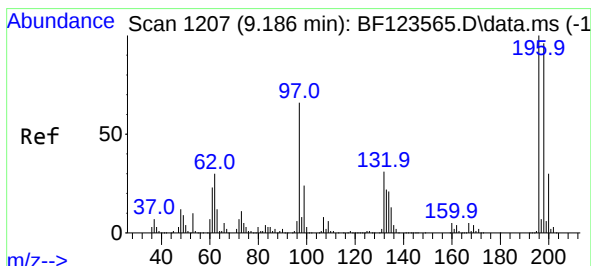
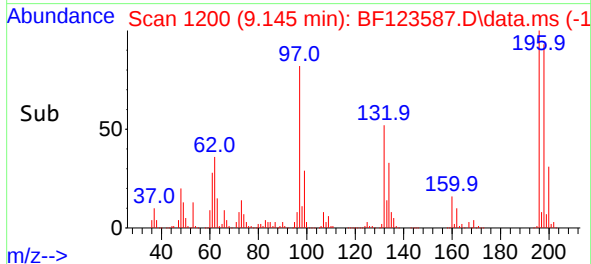
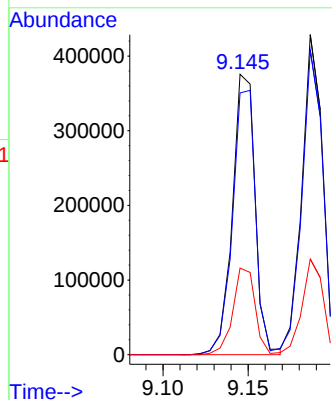
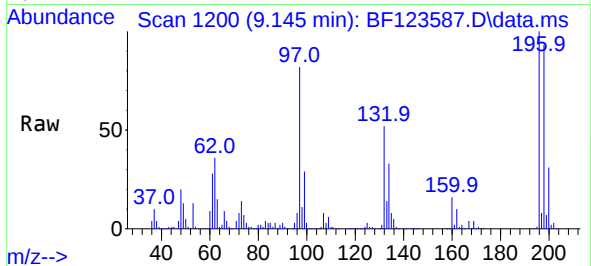
Tgt Ion:196 Resp: 350175
Ion Ratio Lower Upper
196 100
198 93.3 78.2 117.2
200 30.9 25.0 37.6

Instrument :
BNA_F
ClientSampleId :
SB-02-13.5-14.0MSD

Manual Integrations
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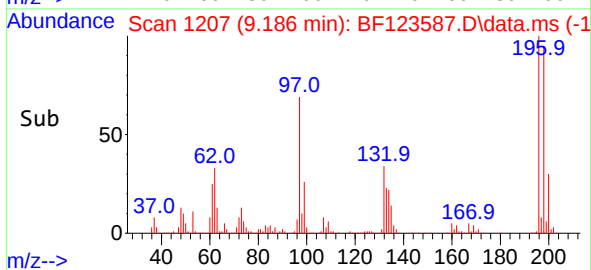
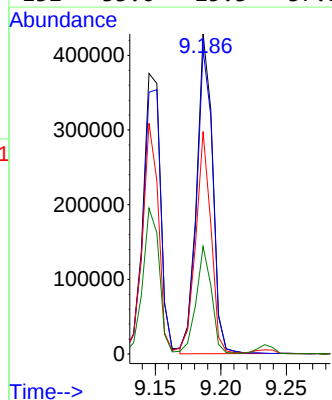
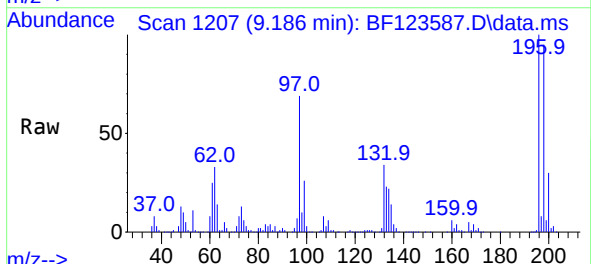
mohammad

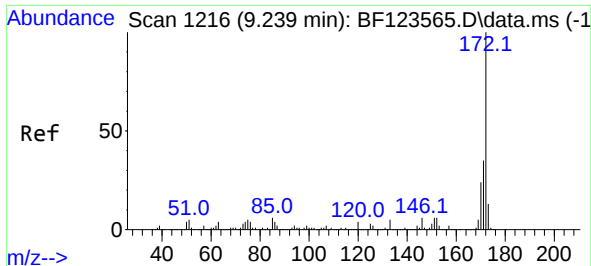
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#44
2,4,5-Trichlorophenol
Concen: 48.95 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

Tgt Ion:196 Resp: 365403
Ion Ratio Lower Upper
196 100
198 95.1 76.5 114.7
97 69.5 52.9 79.3
132 33.6 25.3 37.9





#45
2-Fluorobiphenyl
Concen: 87.00 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

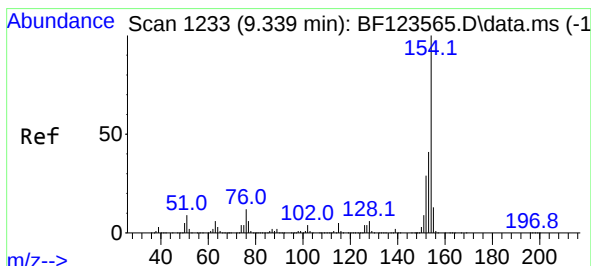
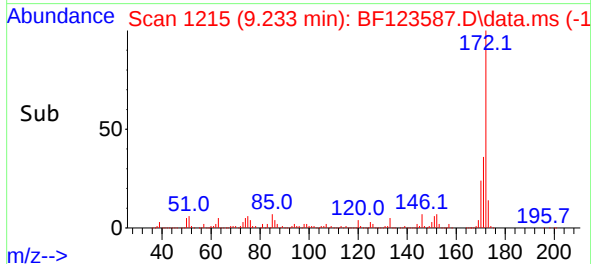
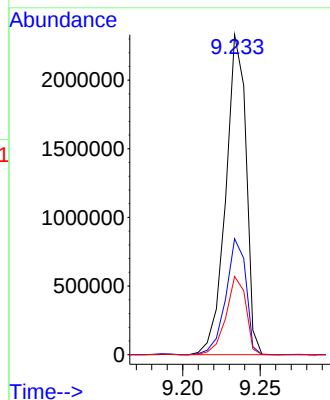
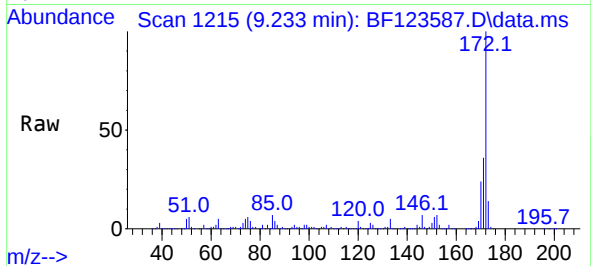
Tgt Ion:172 Resp: 2127737
Ion Ratio Lower Upper
172 100
171 36.3 28.1 42.1
170 24.4 19.2 28.8

Instrument :
BNA_F
ClientSampleId :
SB-02-13.5-14.0MSD

Manual Integrations
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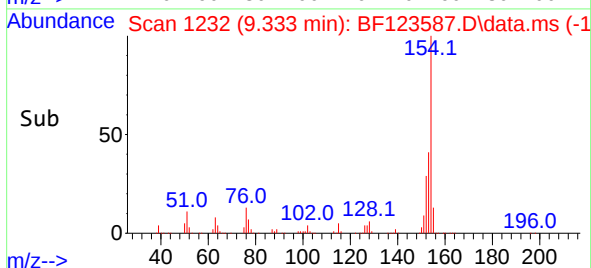
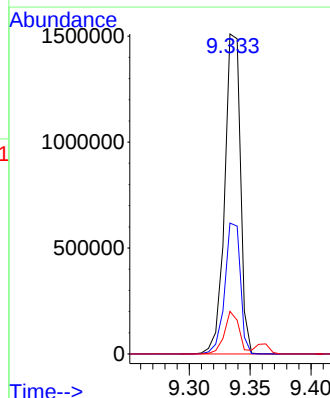
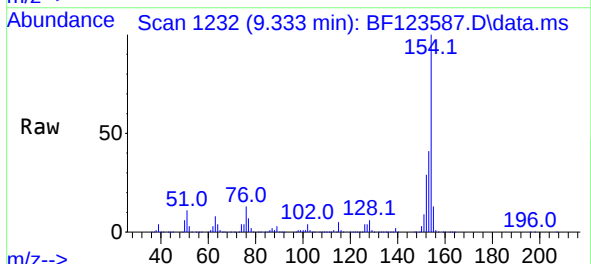
mohammad

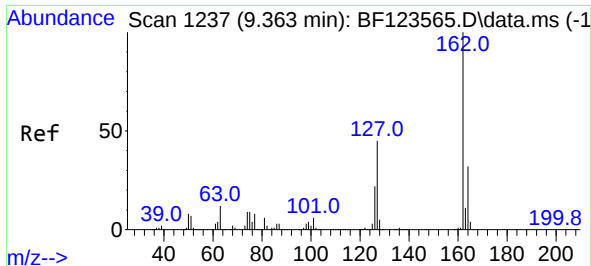
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#46
1,1'-Biphenyl
Concen: 47.59 ng
RT: 9.333 min Scan# 1232
Delta R.T. -0.006 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

Tgt Ion:154 Resp: 1357936
Ion Ratio Lower Upper
154 100
153 40.9 20.7 60.7
76 13.3 0.0 31.7





#47
2-Chloronaphthalene
Concen: 46.79 ng
RT: 9.363 min Scan# 1237
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

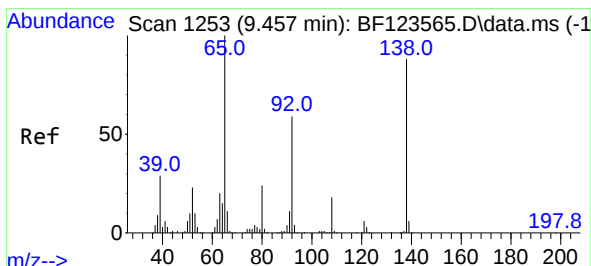
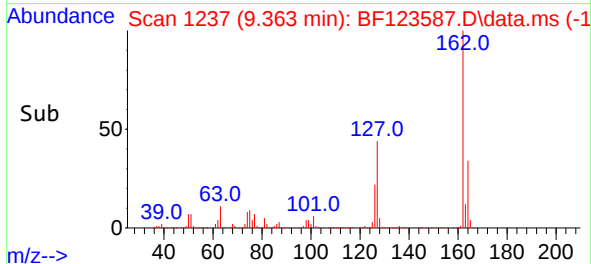
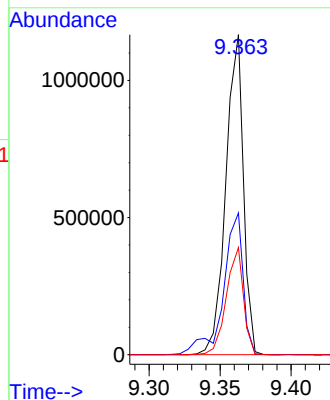
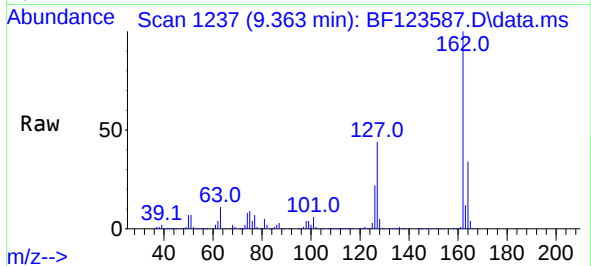
Instrument :
BNA_F
ClientSampleId :
SB-02-13.5-14.0MSD

Tgt Ion:162 Resp: 1004591
Ion Ratio Lower Upper
162 100
127 44.3 36.2 54.2
164 33.5 25.4 38.2

Manual Integrations
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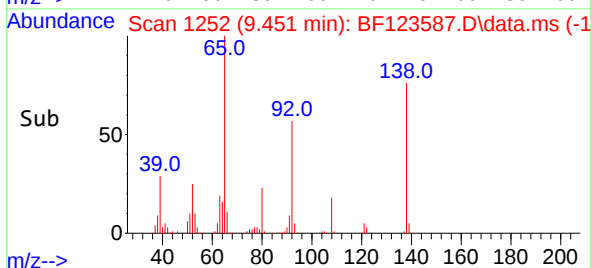
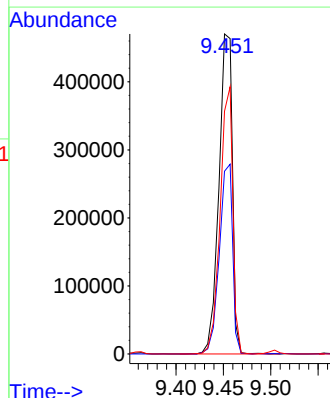
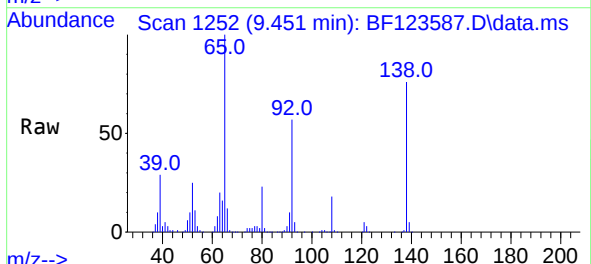
mohammad

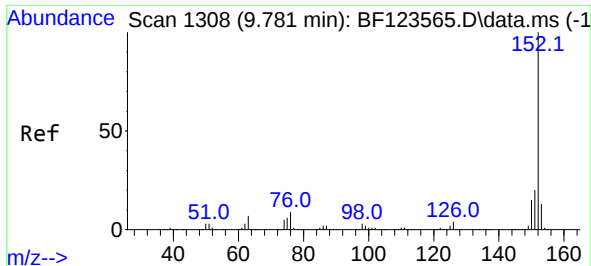
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#48
2-Nitroaniline
Concen: 52.11 ng
RT: 9.451 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

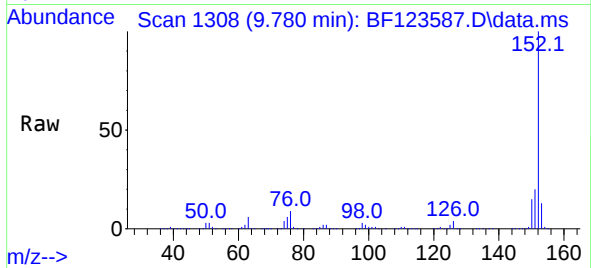
Tgt Ion: 65 Resp: 466147
Ion Ratio Lower Upper
65 100
92 57.1 47.1 70.7
138 75.9 70.2 105.2





#49
Acenaphthylene
Concen: 50.41 ng
RT: 9.780 min Scan# 1308
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

Instrument :
BNA_F
ClientSampleId :
SB-02-13.5-14.0MSD

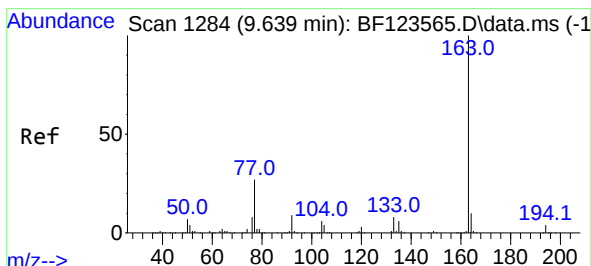
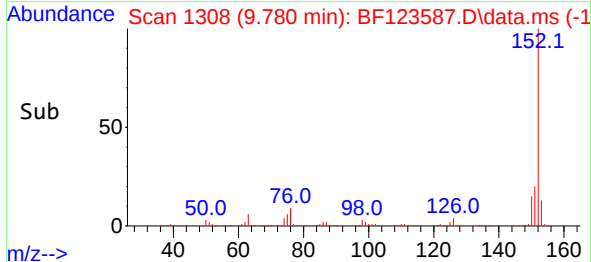
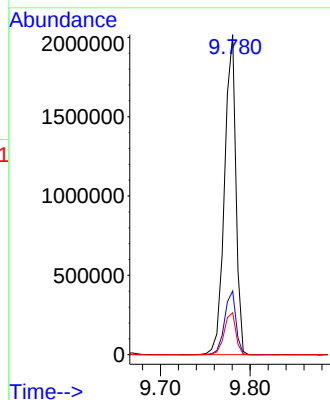


Tgt Ion:152 Resp: 1770585
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.1 10.4 15.6

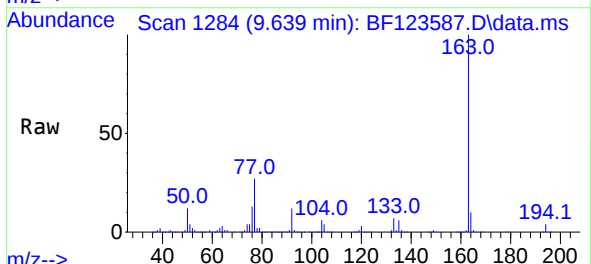
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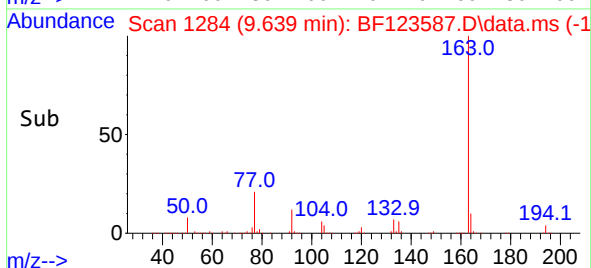
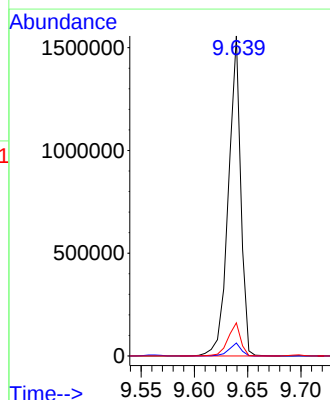
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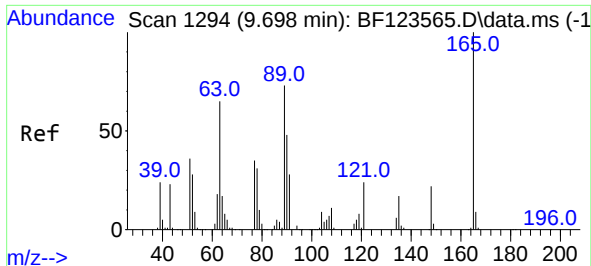


#50
Dimethylphthalate
Concen: 49.73 ng
RT: 9.639 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12



Tgt Ion:163 Resp: 1252681
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.4 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 48.53 ng
RT: 9.698 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

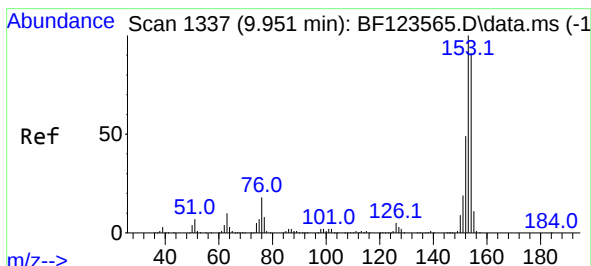
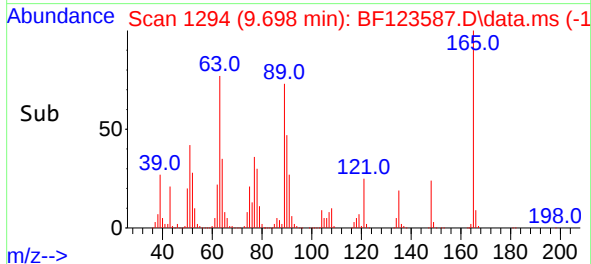
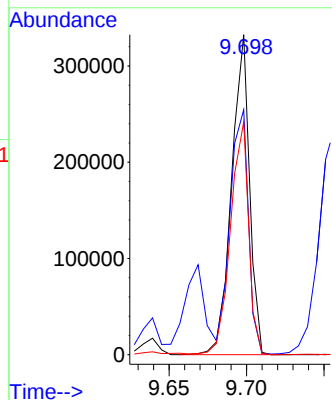
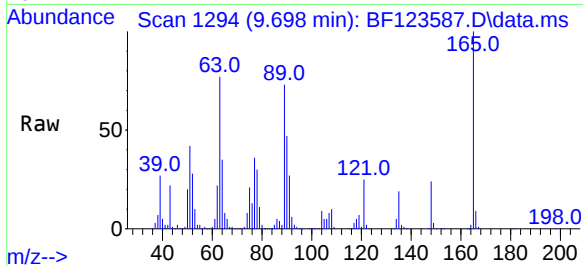
Tgt Ion:165 Resp: 268309
Ion Ratio Lower Upper
165 100
63 76.6 67.7 101.5
89 72.8 58.8 88.2

Instrument :
BNA_F
ClientSampleId :
SB-02-13.5-14.0MSD

Manual Integrations
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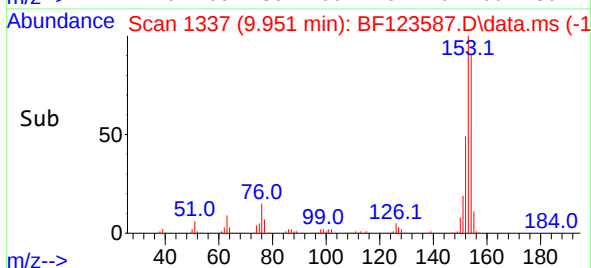
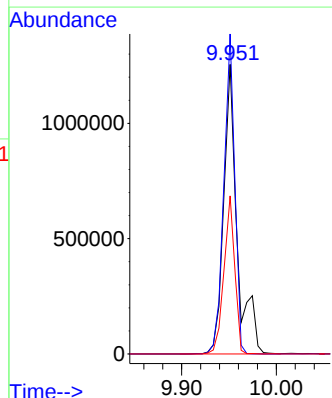
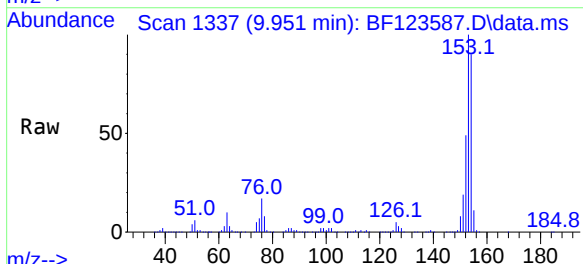
mohammad

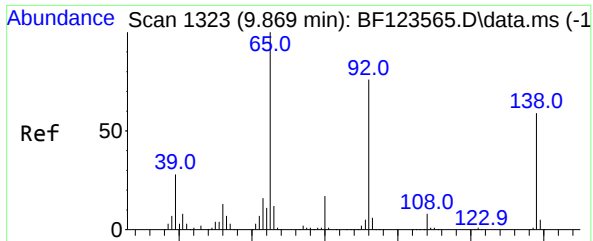
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#52
Acenaphthene
Concen: 55.57 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

Tgt Ion:154 Resp: 1252267
Ion Ratio Lower Upper
154 100
153 110.5 88.1 132.1
152 54.6 43.4 65.0





#53
3-Nitroaniline
Concen: 13.63 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

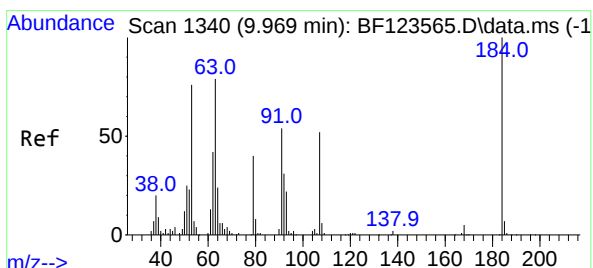
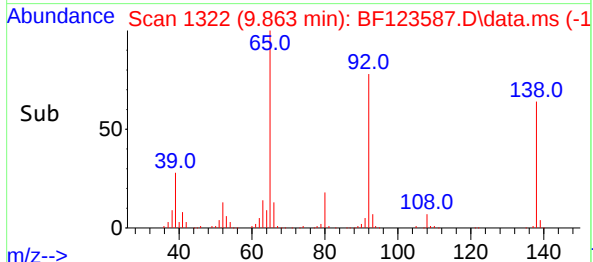
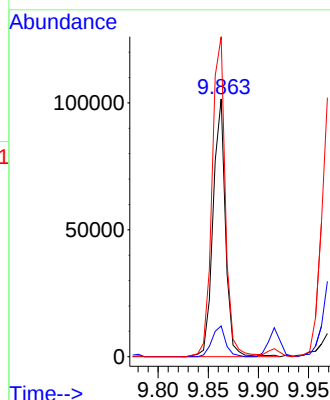
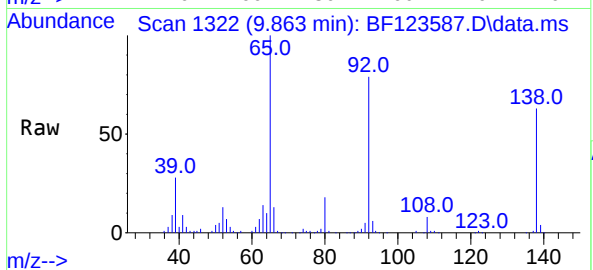
Tgt Ion:138 Resp: 87413
Ion Ratio Lower Upper
138 100
108 11.9 10.2 15.4
92 124.1 103.3 154.9

Instrument :
BNA_F
ClientSampleId :
SB-02-13.5-14.0MSD

Manual Integrations
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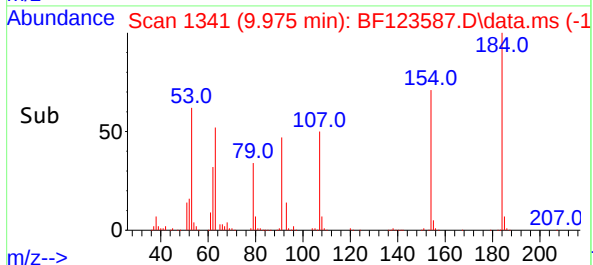
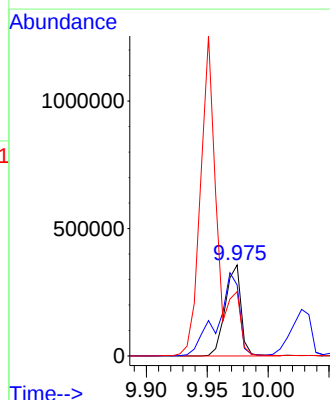
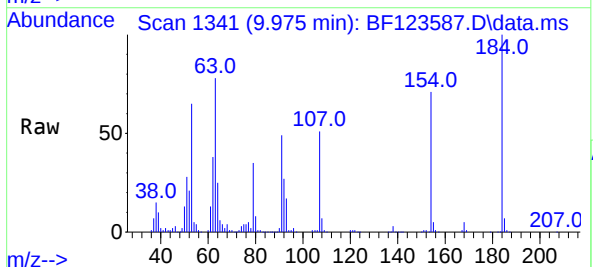
mohammad

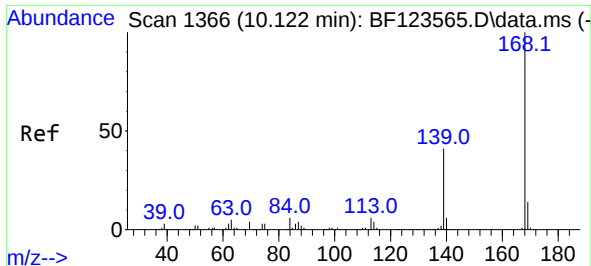
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#54
2,4-Dinitrophenol
Concen: 132.97 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

Tgt Ion:184 Resp: 322924
Ion Ratio Lower Upper
184 100
63 77.9 73.5 110.3
154 70.7 52.5 78.7





#55
Dibenzofuran
Concen: 46.54 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

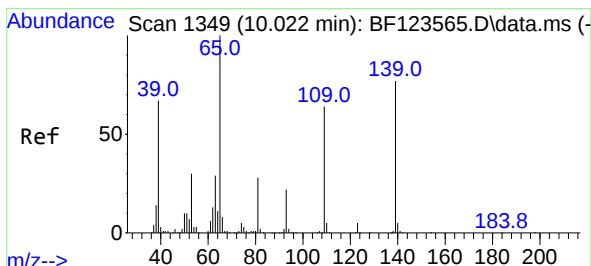
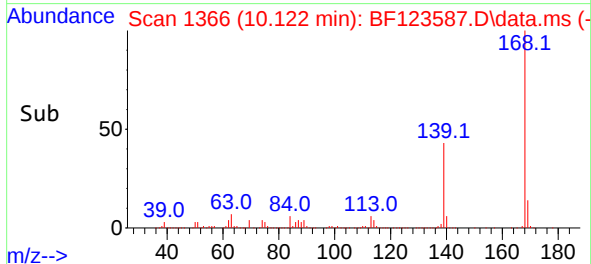
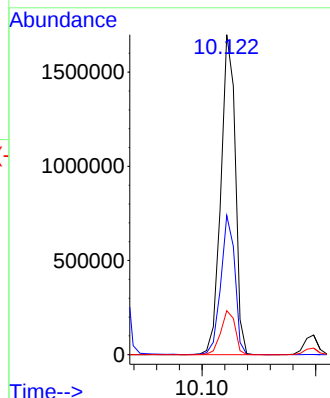
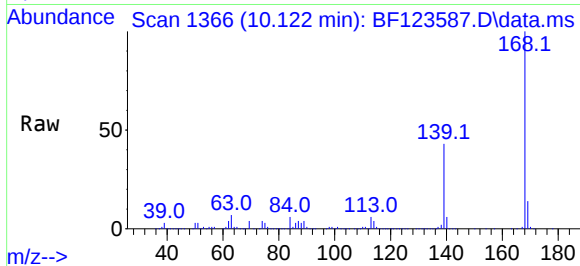
Tgt Ion:168 Resp: 1504453
Ion Ratio Lower Upper
168 100
139 43.5 33.2 49.8
169 13.8 10.8 16.2

Instrument :
BNA_F
ClientSampleId :
SB-02-13.5-14.0MSD

Manual Integrations
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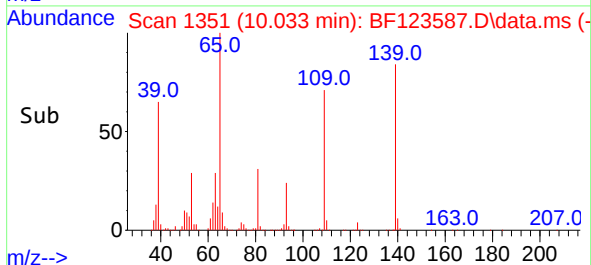
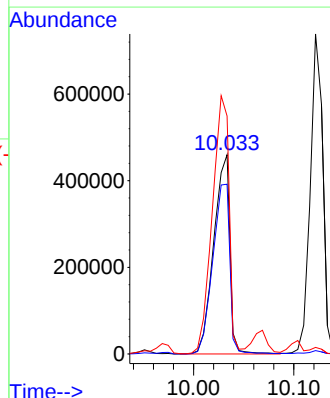
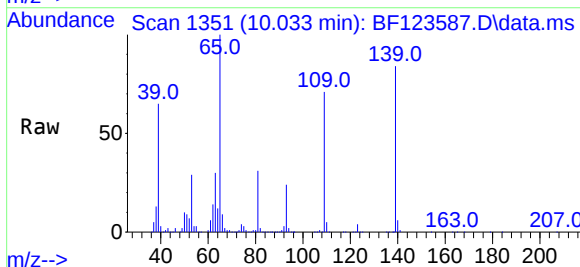
mohammad

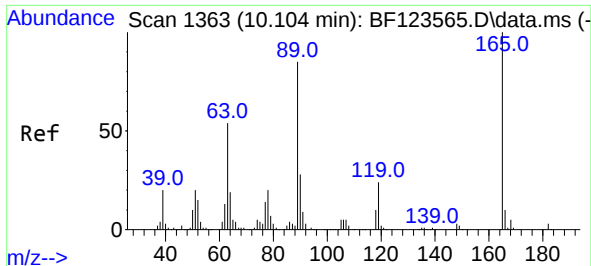
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#56
4-Nitrophenol
Concen: 104.84 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.012 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

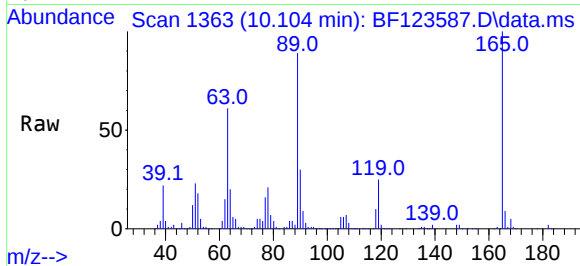
Tgt Ion:139 Resp: 515245
Ion Ratio Lower Upper
139 100
109 85.2 63.2 103.2
65 119.5 110.0 150.0





#57
2,4-Dinitrotoluene
Concen: 51.76 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

Instrument :
BNA_F
ClientSampleId :
SB-02-13.5-14.0MSD

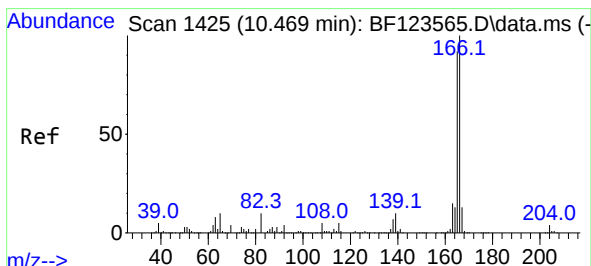
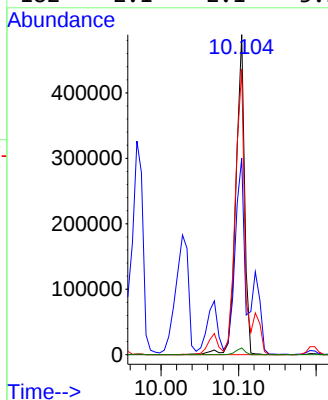
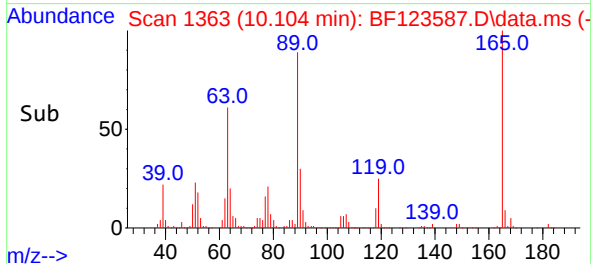


Tgt Ion:165 Resp: 382194
Ion Ratio Lower Upper
165 100
63 61.4 43.5 65.3
89 89.2 67.7 101.5
182 2.1 2.1 3.1

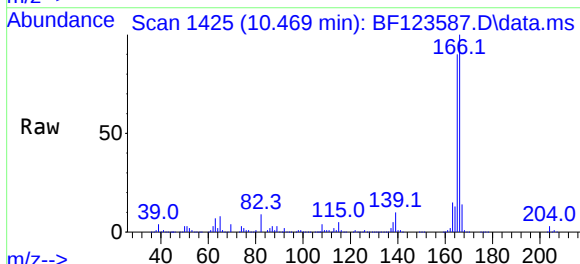
Manual Integrations
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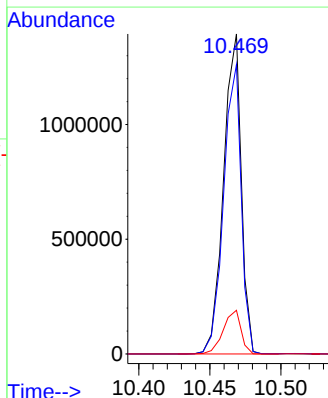
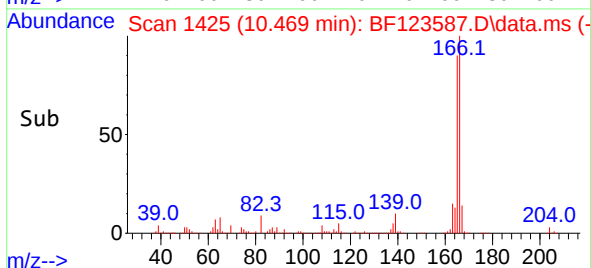
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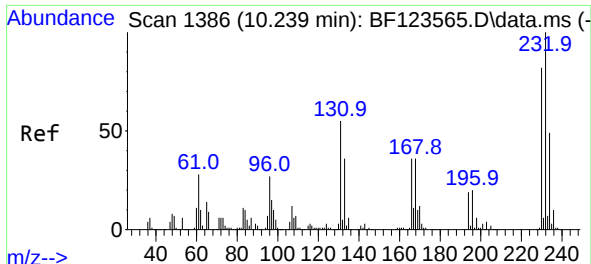


#58
Fluorene
Concen: 47.52 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12



Tgt Ion:166 Resp: 1207408
Ion Ratio Lower Upper
166 100
165 90.4 73.5 110.3
167 13.7 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.44 ng
RT: 10.239 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

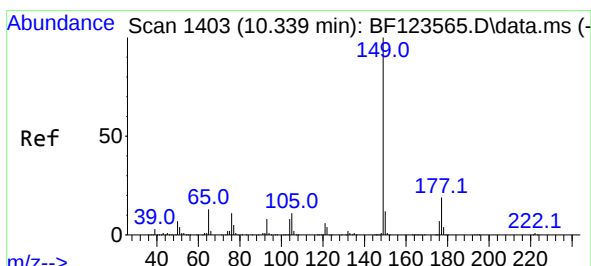
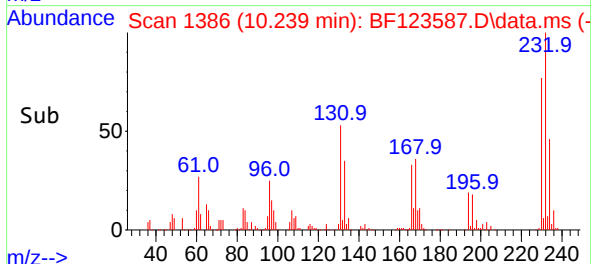
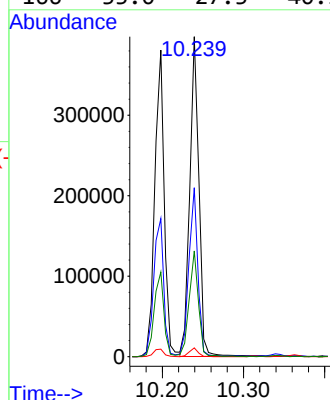
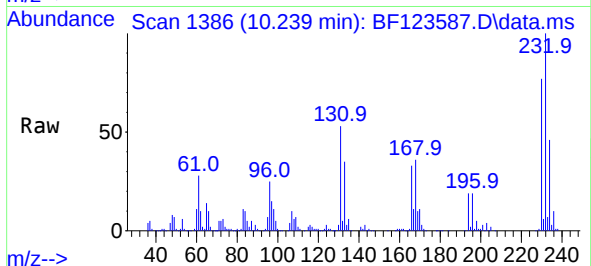
Tgt Ion:232 Resp: 311723
Ion Ratio Lower Upper
232 100
131 52.2 43.2 64.8
130 2.6 2.2 3.2
166 33.0 27.3 40.9

Instrument :
BNA_F
ClientSampleId :
SB-02-13.5-14.0MSD

Manual Integrations
APPROVED

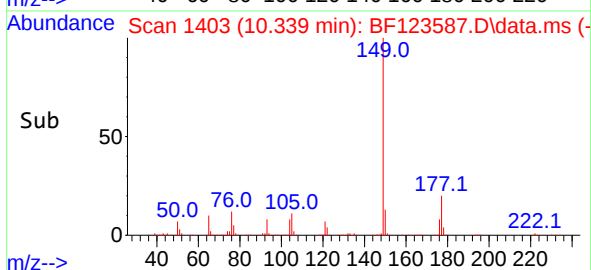
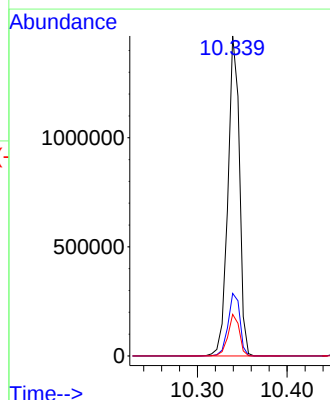
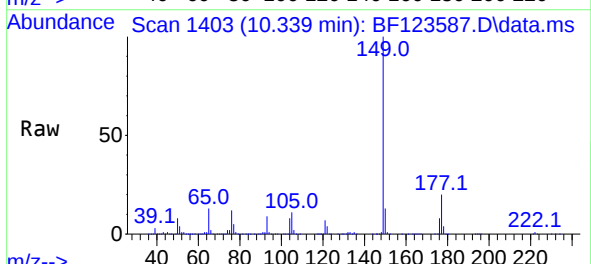
mohammad

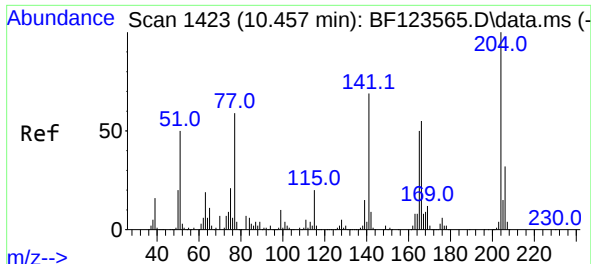
4/19/2021 11:44:59 AM



#60
Diethylphthalate
Concen: 47.44 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

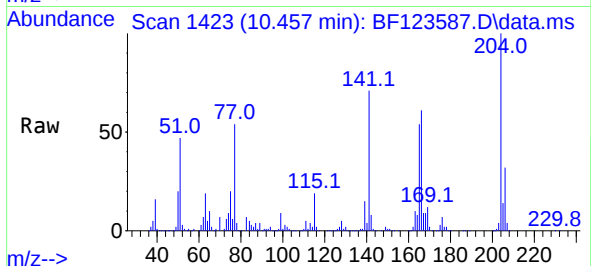
Tgt Ion:149 Resp: 1308158
Ion Ratio Lower Upper
149 100
177 19.6 15.4 23.2
150 13.0 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 47.24 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

Instrument :
BNA_F
ClientSampleId :
SB-02-13.5-14.0MSD

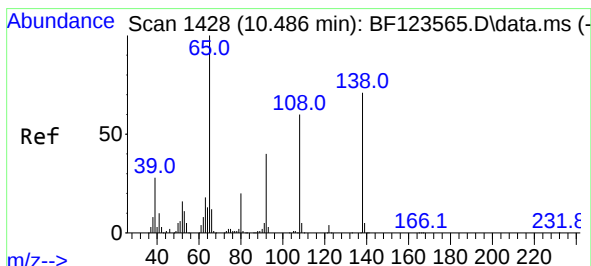
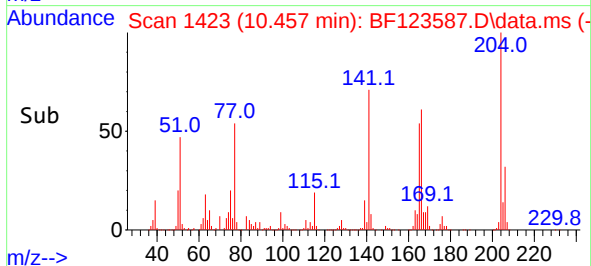
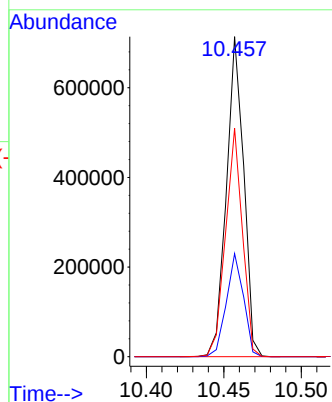


Tgt Ion:204 Resp: 554093
Ion Ratio Lower Upper
204 100
206 32.2 25.7 38.5
141 71.4 55.5 83.3

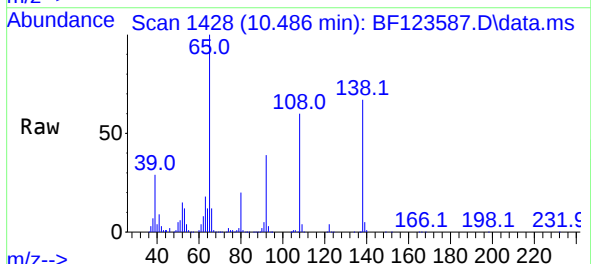
Manual Integrations
APPROVED

mohammad

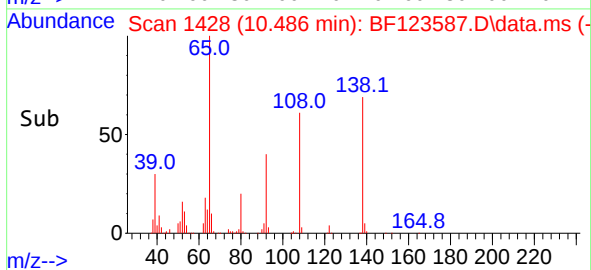
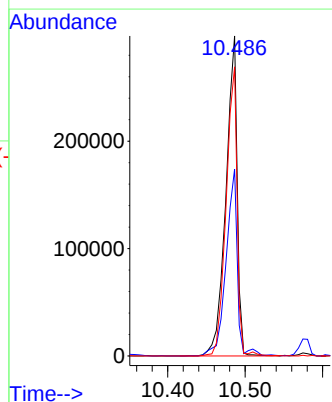
4/19/2021 11:44:59 AM

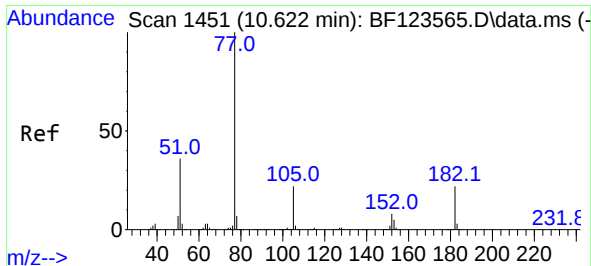


#62
4-Nitroaniline
Concen: 46.72 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12



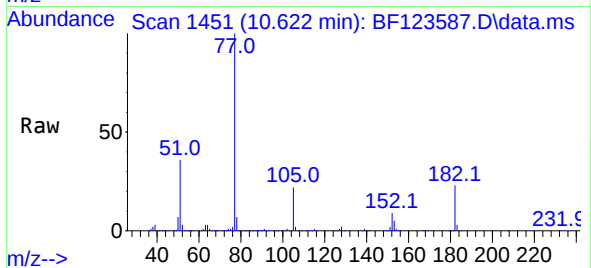
Tgt Ion:138 Resp: 302596
Ion Ratio Lower Upper
138 100
92 58.4 35.8 75.8
108 90.3 63.6 103.6





#63
Azobenzene
Concen: 45.69 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

Instrument :
BNA_F
ClientSampleId :
SB-02-13.5-14.0MSD

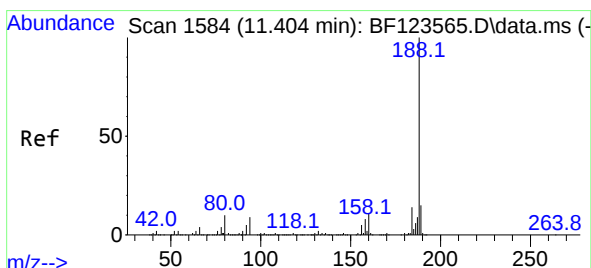
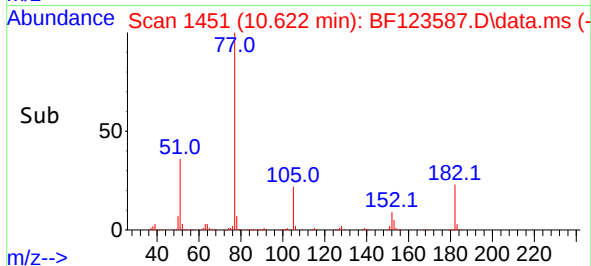
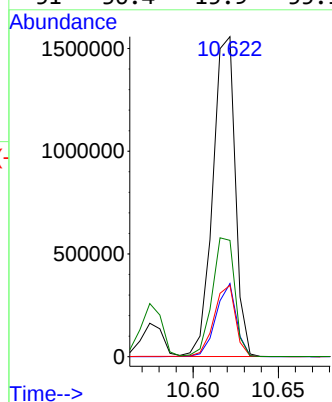


Tgt Ion: 77 Resp: 1427205
Ion Ratio Lower Upper
77 100
182 22.9 1.7 41.7
105 22.3 1.7 41.7
51 36.4 15.9 55.9

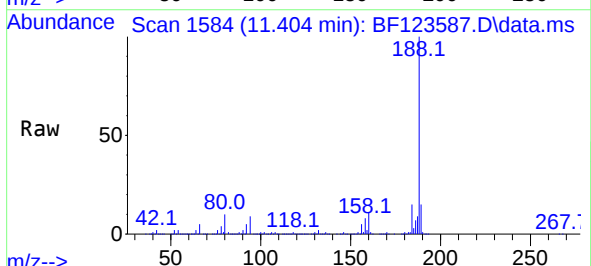
Manual Integrations
APPROVED

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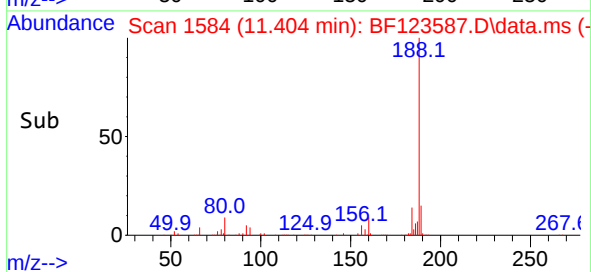
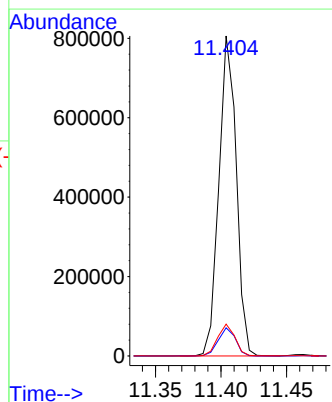
4/19/2021 11:44:59 AM

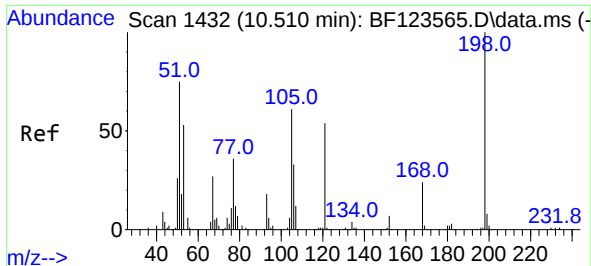


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

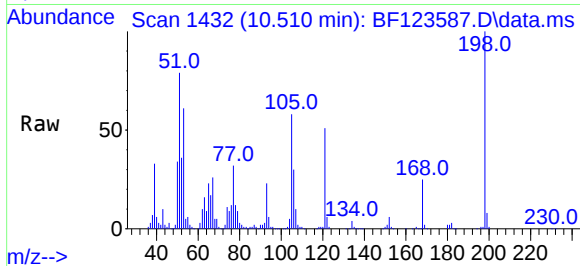


Tgt Ion: 188 Resp: 741745
Ion Ratio Lower Upper
188 100
94 8.8 6.9 10.3
80 10.0 8.2 12.2

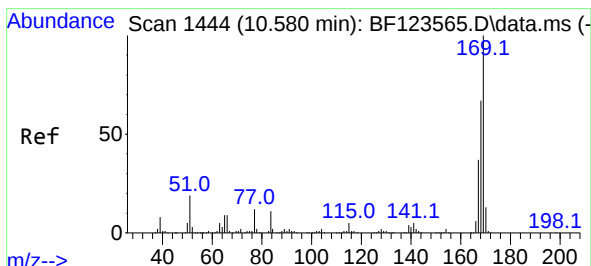
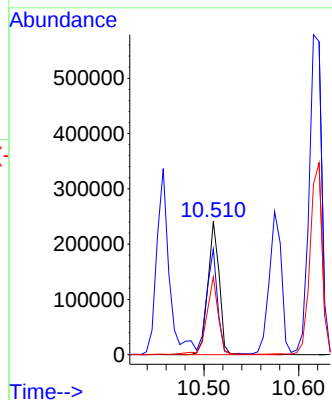
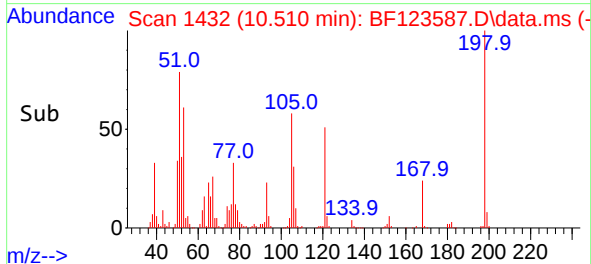




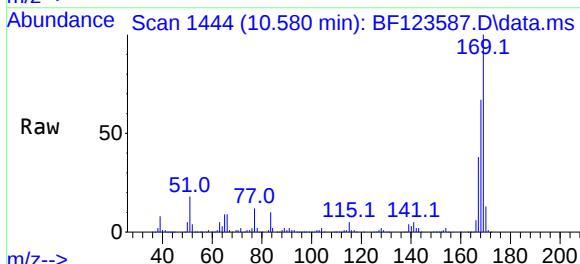
#65
4,6-Dinitro-2-methylphenol
Concen: 51.60 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12



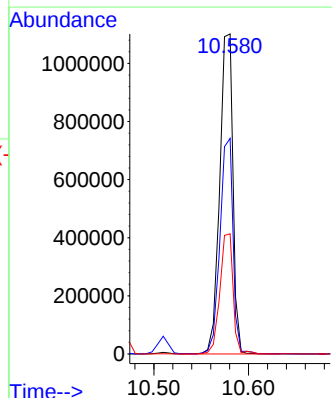
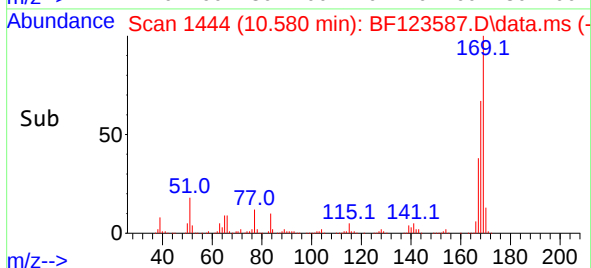
Tgt Ion:198 Resp: 199701
Ion Ratio Lower Upper
198 100
51 79.2 64.8 104.8
105 58.4 42.6 82.6



#66
n-Nitrosodiphenylamine
Concen: 44.99 ng
RT: 10.580 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12



Tgt Ion:169 Resp: 1068292
Ion Ratio Lower Upper
169 100
168 67.4 53.3 79.9
167 37.6 29.9 44.9

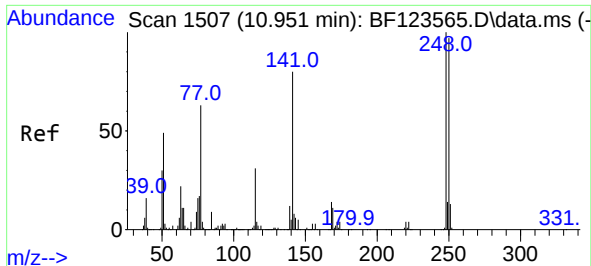


Instrument :
BNA_F
ClientSampleId :
SB-02-13.5-14.0MSD

Manual Integrations
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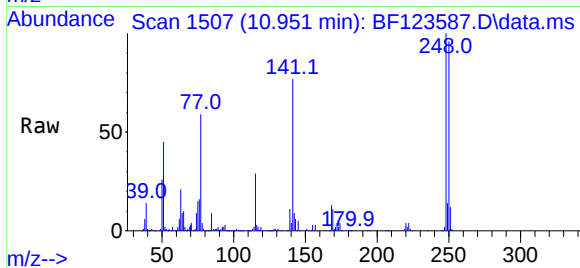
mohammad

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#67
4-Bromophenyl-phenylether
Concen: 46.04 ng
RT: 10.951 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

Instrument :
BNA_F
ClientSampleId :
SB-02-13.5-14.0MSD

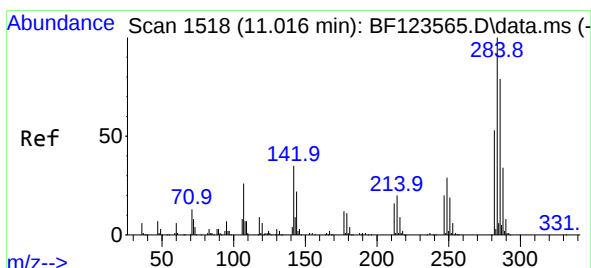
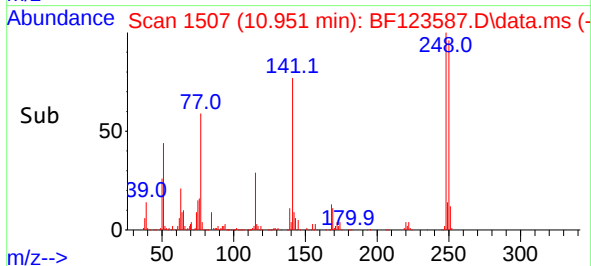
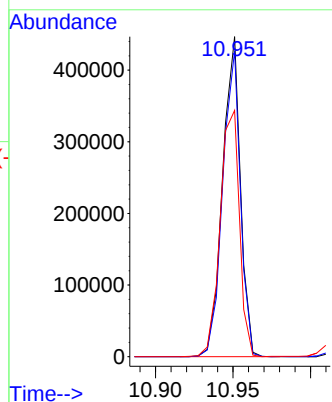


Tgt Ion:248 Resp: 357030
Ion Ratio Lower Upper
248 100
250 95.6 77.4 116.2
141 76.9 63.7 95.5

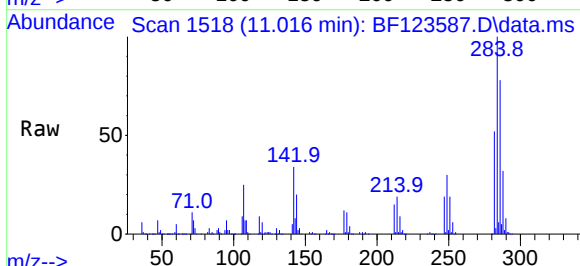
Manual Integrations
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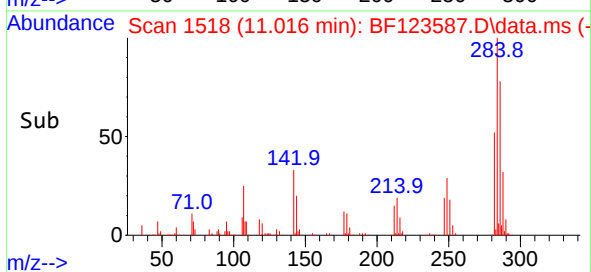
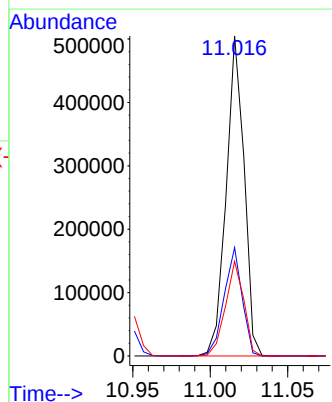
4/19/2021 11:44:59 AM

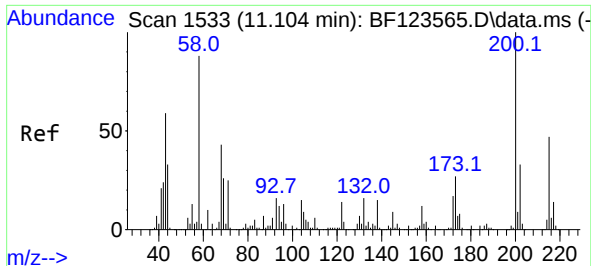


#68
Hexachlorobenzene
Concen: 46.35 ng
RT: 11.016 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

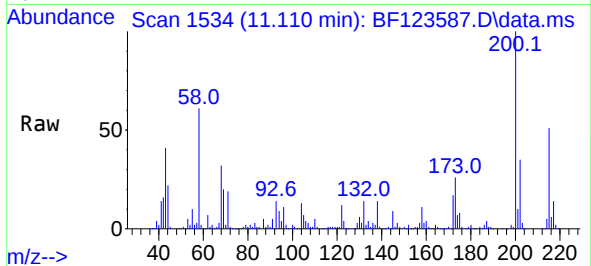


Tgt Ion:284 Resp: 405104
Ion Ratio Lower Upper
284 100
142 33.9 28.3 42.5
249 29.6 23.5 35.3

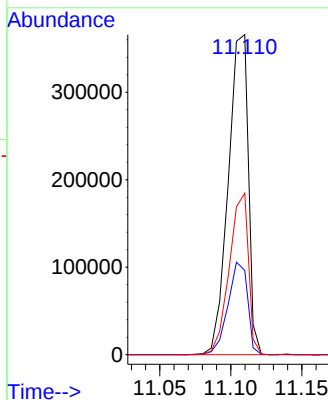
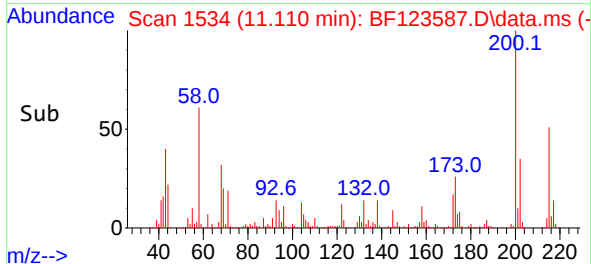




#69
Atrazine
Concen: 48.80 ng
RT: 11.110 min Scan# 1534
Delta R.T. 0.006 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12



Tgt Ion:200 Resp: 361108
Ion Ratio Lower Upper
200 100
173 26.4 6.9 46.9
215 50.5 26.5 66.5

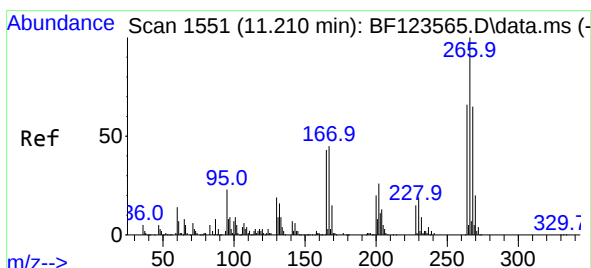


Instrument :
BNA_F
ClientSampleId :
SB-02-13.5-14.0MSD

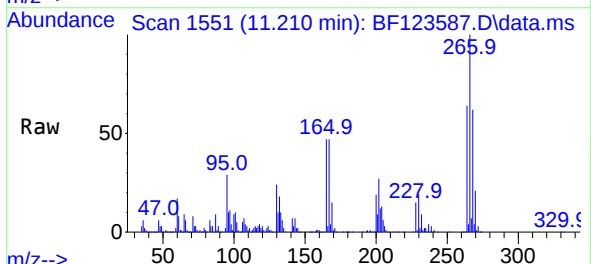
Manual Integrations
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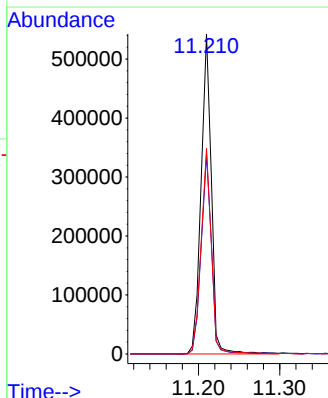
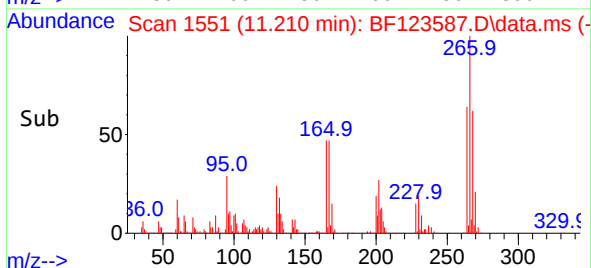
4/19/2021 11:44:59 AM

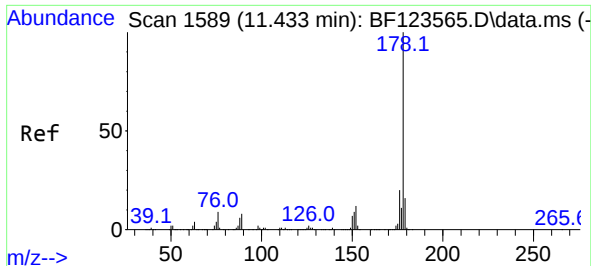


#70
Pentachlorophenol
Concen: 104.95 ng
RT: 11.210 min Scan# 1551
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12



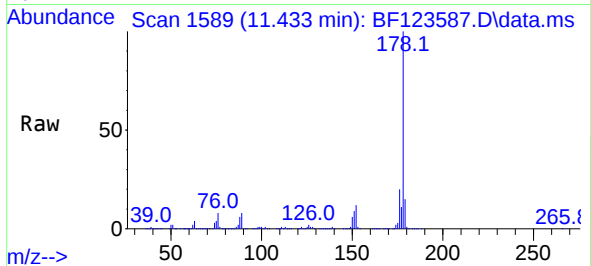
Tgt Ion:266 Resp: 479210
Ion Ratio Lower Upper
266 100
268 62.4 51.6 77.4
264 64.3 52.6 78.8





#71
Phenanthrene
Concen: 45.41 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

Instrument :
BNA_F
ClientSampleId :
SB-02-13.5-14.0MSD



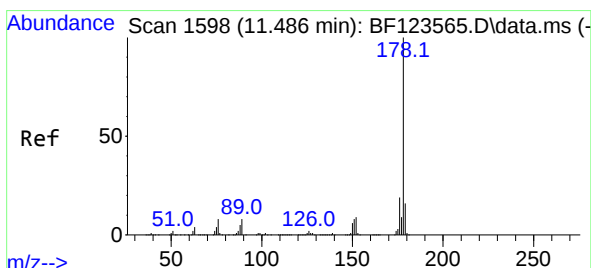
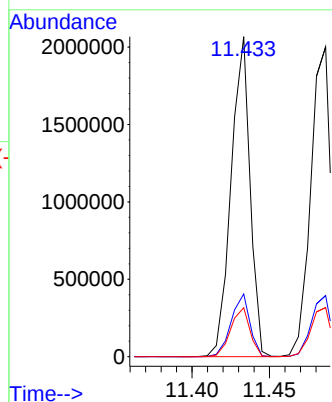
Tgt Ion:178 Resp: 1757872

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	15.3	12.5	18.7

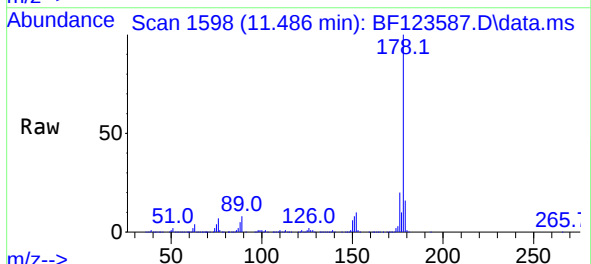
Manual Integrations
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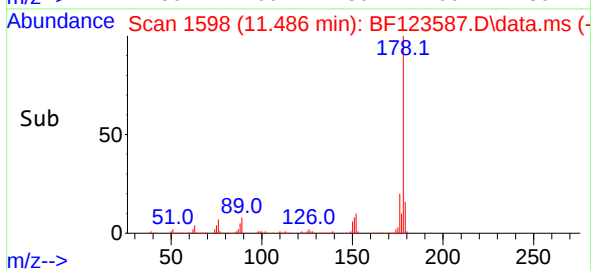
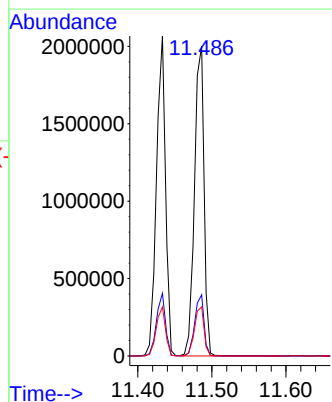


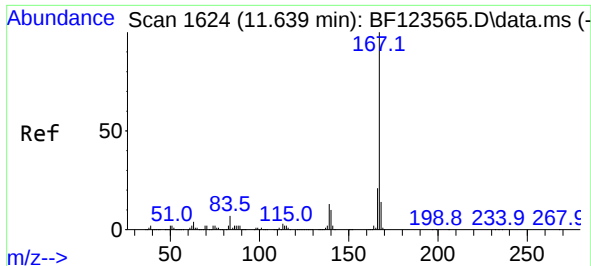
#72
Anthracene
Concen: 46.54 ng
RT: 11.486 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12



Tgt Ion:178 Resp: 1800436

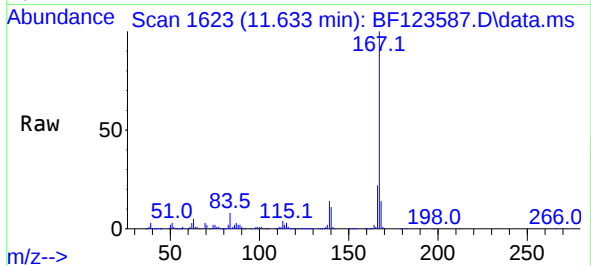
Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.0
179	15.9	12.6	18.8





#73
Carbazole
Concen: 44.21 ng
RT: 11.633 min Scan# 1623
Delta R.T. -0.006 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

Instrument :
BNA_F
ClientSampleId :
SB-02-13.5-14.0MSD

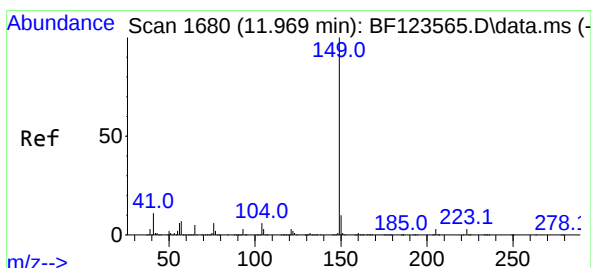
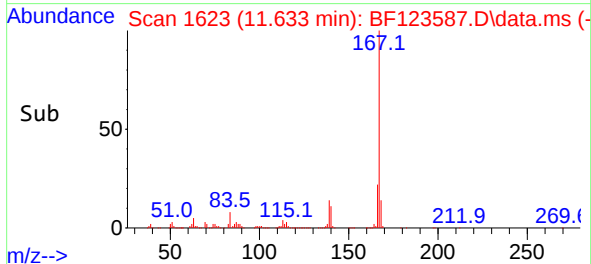
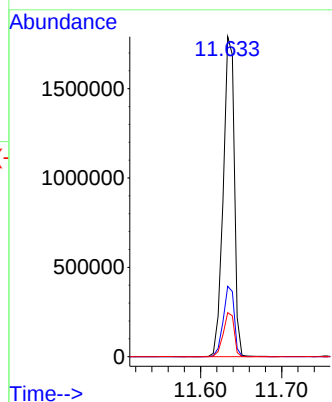


Tgt Ion:167 Resp: 1707491
Ion Ratio Lower Upper
167 100
166 22.0 17.0 25.6
139 13.8 10.4 15.6

Manual Integrations
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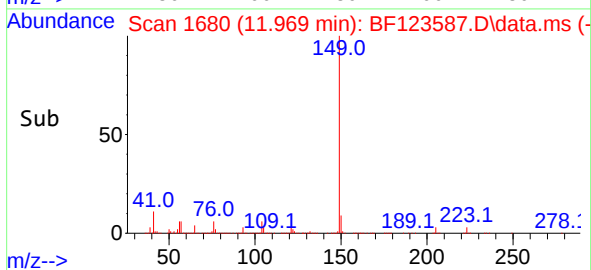
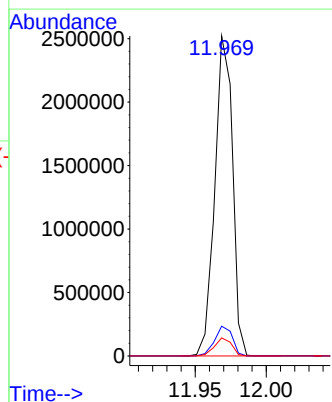
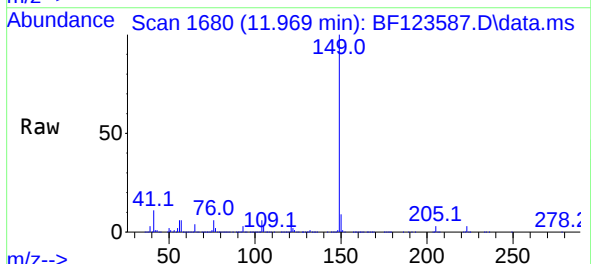
mohammad

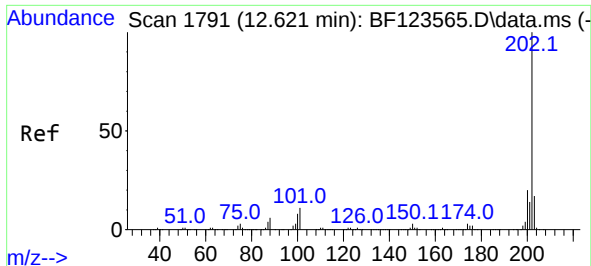
4/19/2021 11:44:59 AM



#74
Di-n-butylphthalate
Concen: 46.65 ng
RT: 11.969 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

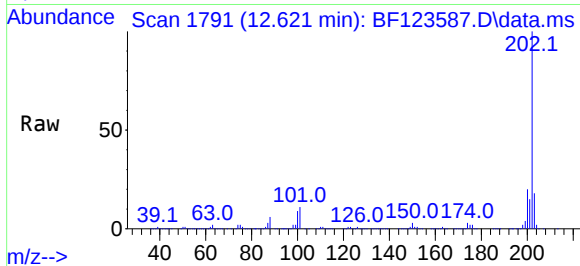
Tgt Ion:149 Resp: 2180077
Ion Ratio Lower Upper
149 100
150 9.3 7.8 11.8
104 5.6 4.6 6.8





#75
Fluoranthene
Concen: 45.40 ng
RT: 12.621 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

Instrument :
BNA_F
ClientSampleId :
SB-02-13.5-14.0MSD

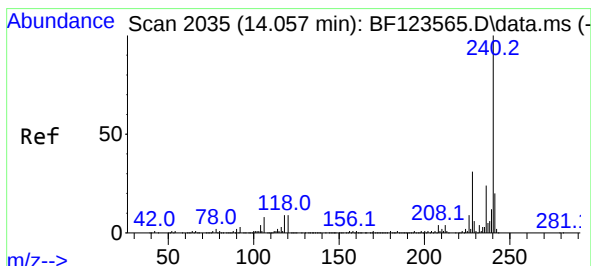
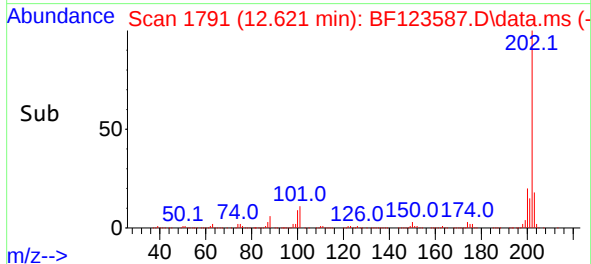
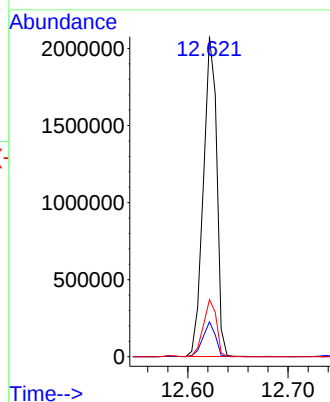


Tgt Ion:202 Resp: 1931346
Ion Ratio Lower Upper
202 100
101 10.9 0.0 30.9
203 17.8 0.0 37.5

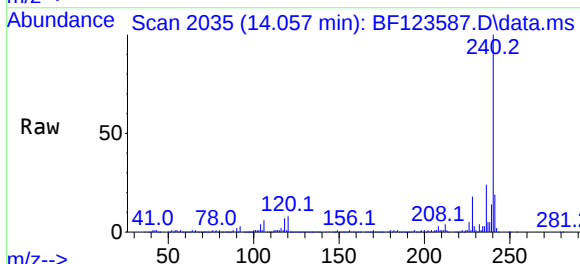
Manual Integrations
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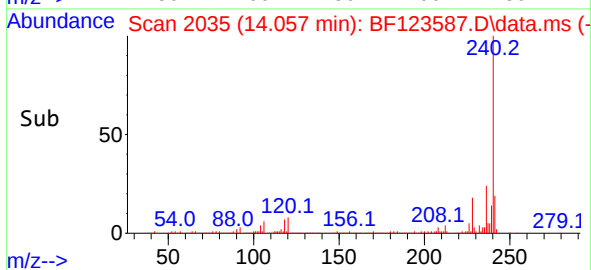
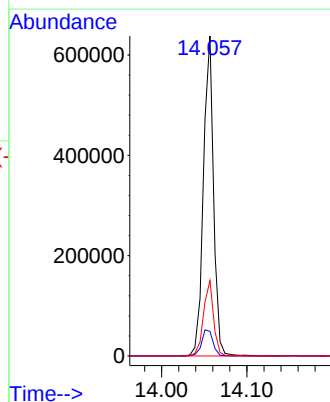
4/19/2021 11:44:59 AM

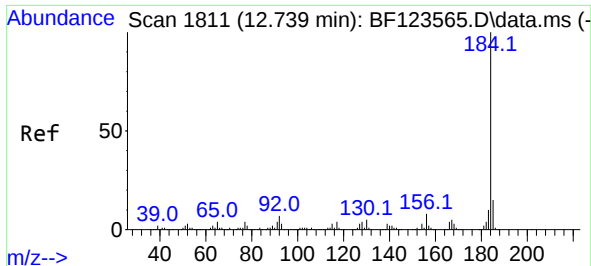


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.057 min Scan# 2035
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12



Tgt Ion:240 Resp: 526324
Ion Ratio Lower Upper
240 100
120 7.7 7.2 10.8
236 23.6 19.0 28.4





#77
Benzidine
Concen: 48.07 ng
RT: 12.739 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

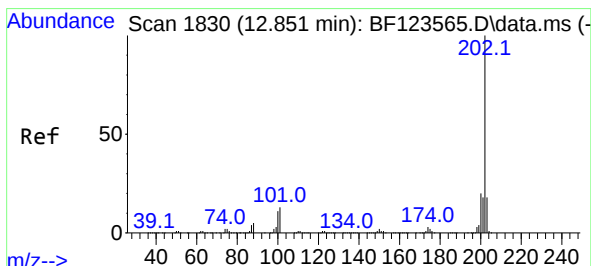
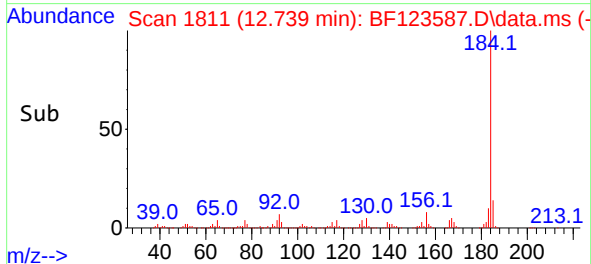
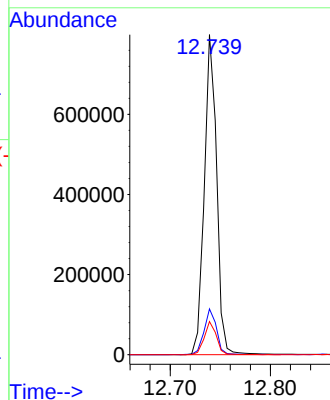
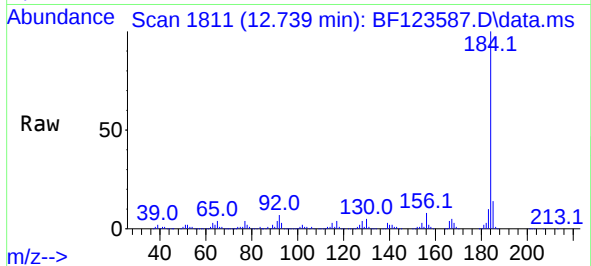
Tgt Ion:184 Resp: 687715
Ion Ratio Lower Upper
184 100
185 14.3 12.1 18.1
183 10.4 7.8 11.8

Instrument :
BNA_F
ClientSampleId :
SB-02-13.5-14.0MSD

Manual Integrations
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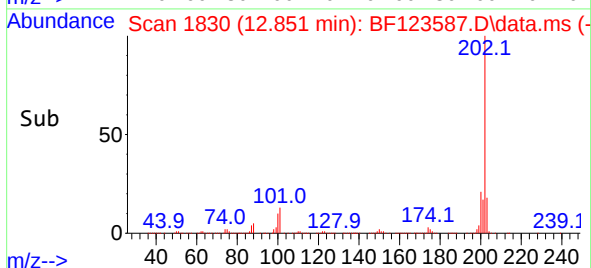
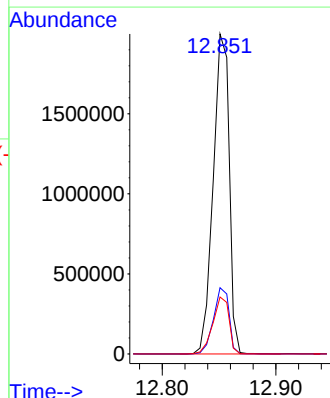
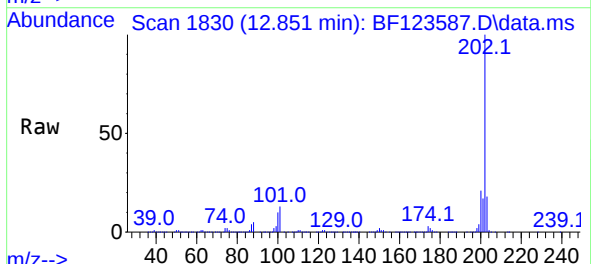
mohammad

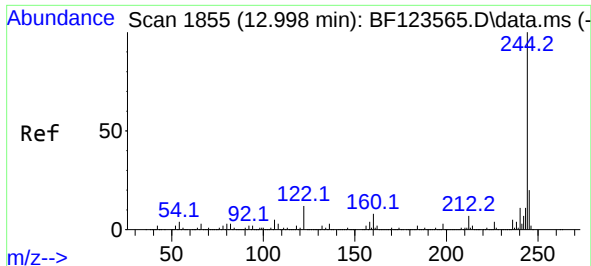
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#78
Pyrene
Concen: 50.95 ng
RT: 12.851 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

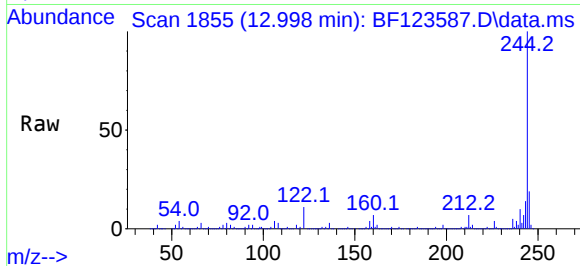
Tgt Ion:202 Resp: 1957262
Ion Ratio Lower Upper
202 100
200 20.7 16.1 24.1
203 17.8 14.8 22.2





#79
Terphenyl-d14
Concen: 90.53 ng
RT: 12.998 min Scan# 1855
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

Instrument :
BNA_F
ClientSampleId :
SB-02-13.5-14.0MSD

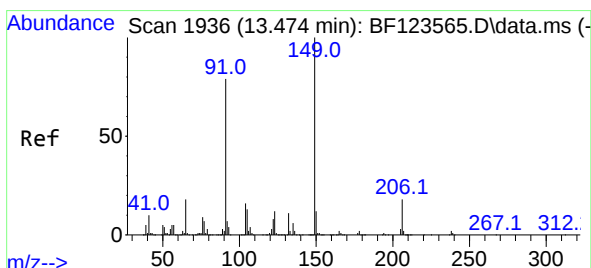
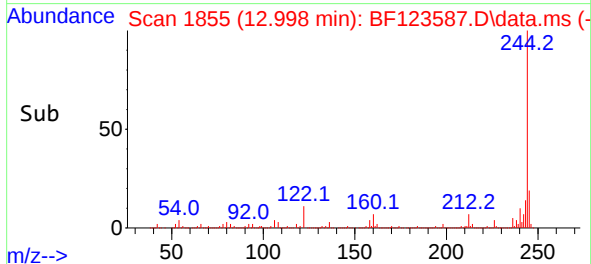
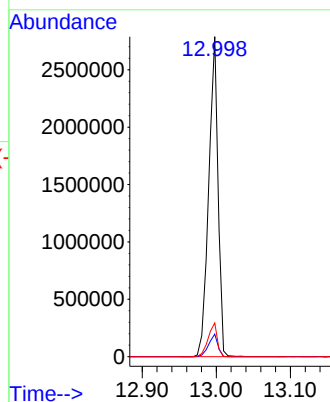


Tgt Ion:244 Resp: 2451495
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 10.6 9.7 14.5

Manual Integrations
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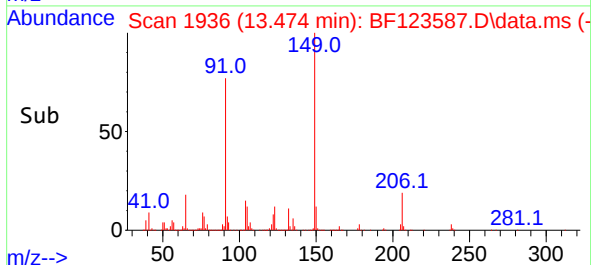
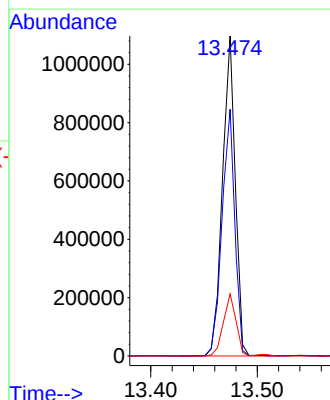
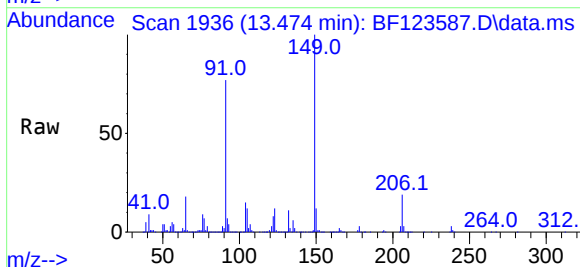
mohammad

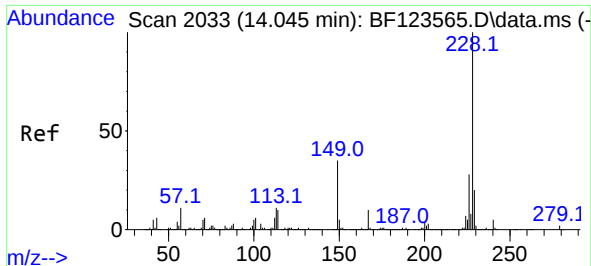
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#80
Butylbenzylphthalate
Concen: 50.50 ng
RT: 13.474 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

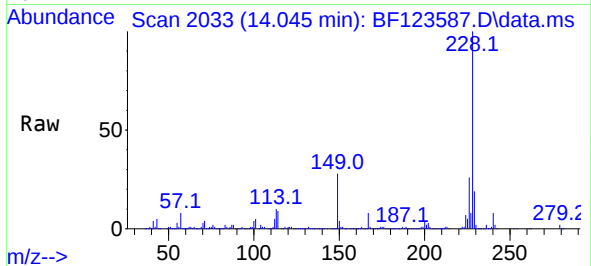
Tgt Ion:149 Resp: 911514
Ion Ratio Lower Upper
149 100
91 77.1 63.6 95.4
206 19.4 14.5 21.7





#81
Benzo(a)anthracene
Concen: 43.79 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

Instrument :
BNA_F
ClientSampleId :
SB-02-13.5-14.0MSD

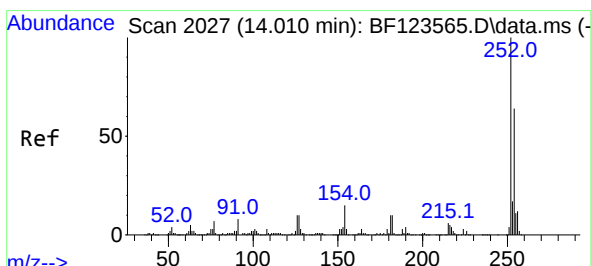
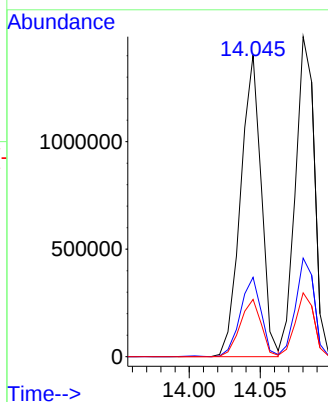
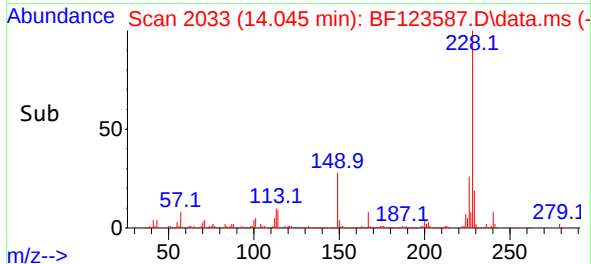


Tgt Ion:228 Resp: 1412479
Ion Ratio Lower Upper
228 100
226 26.3 22.4 33.6
229 19.0 16.0 24.0

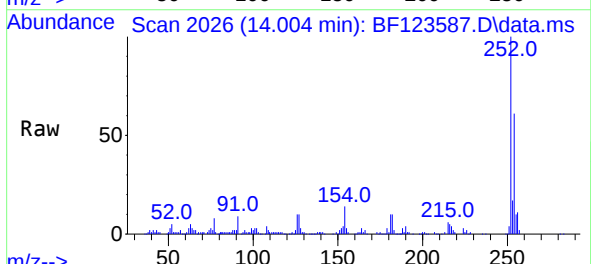
Manual Integrations
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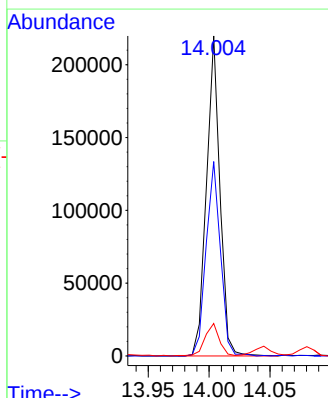
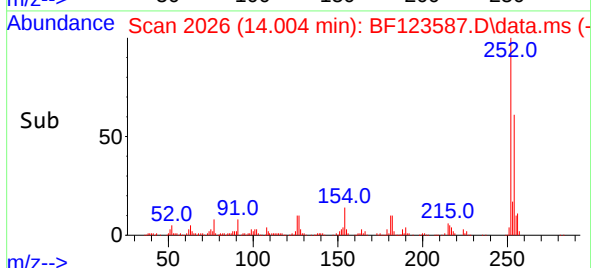
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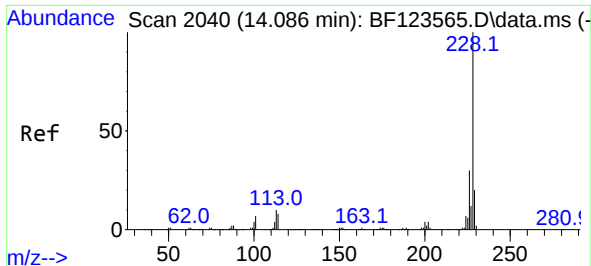


#82
3,3'-Dichlorobenzidine
Concen: 16.37 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12



Tgt Ion:252 Resp: 168687
Ion Ratio Lower Upper
252 100
254 60.7 51.1 76.7
126 10.1 7.7 11.5





#83
Chrysene
Concen: 42.84 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

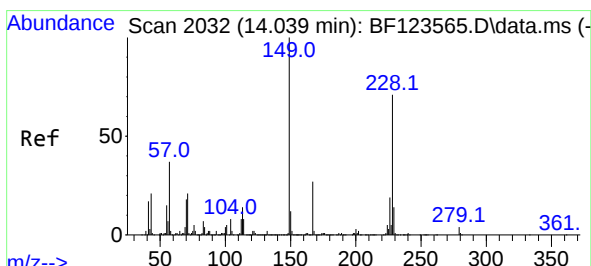
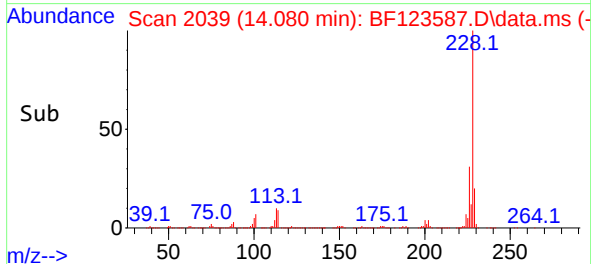
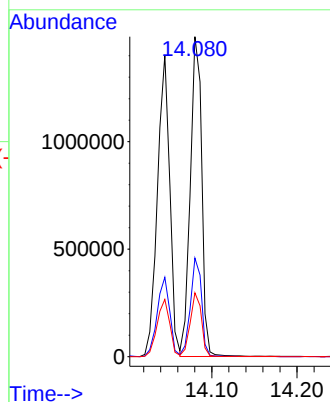
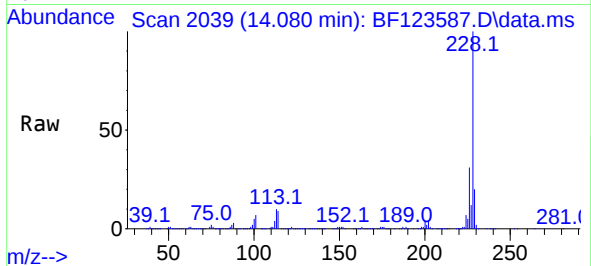
Instrument :
BNA_F
ClientSampleId :
SB-02-13.5-14.0MSD

Tgt Ion:228 Resp: 1387443
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 19.9 16.2 24.2

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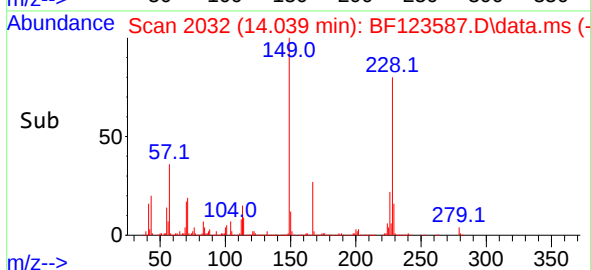
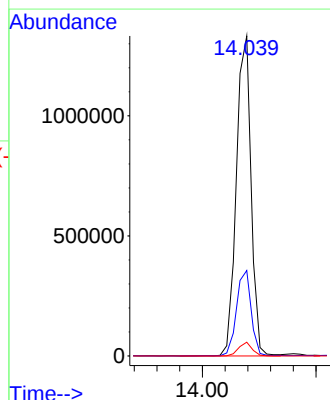
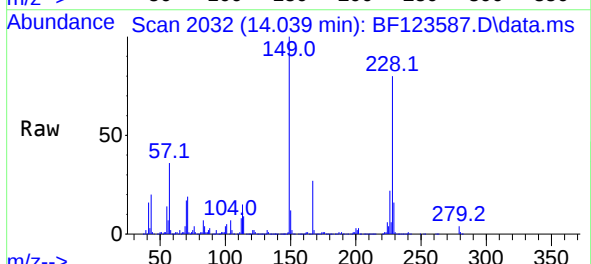
mohammad

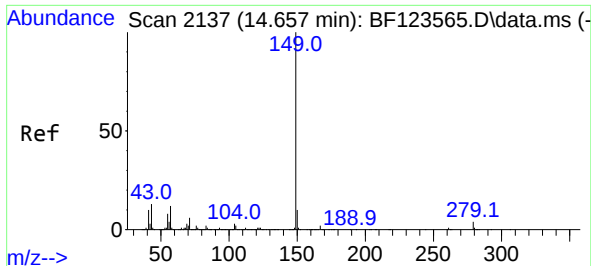
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#84
Bis(2-ethylhexyl)phthalate
Concen: 49.90 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

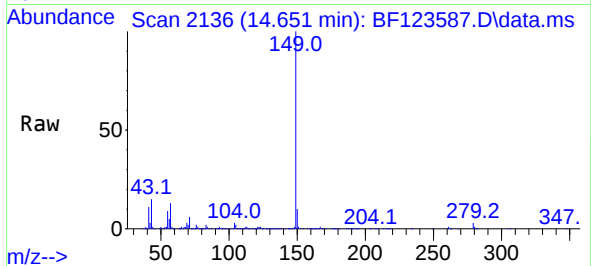
Tgt Ion:149 Resp: 1197641
Ion Ratio Lower Upper
149 100
167 26.7 21.8 32.6
279 4.3 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 48.06 ng
RT: 14.651 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

Instrument :
BNA_F
ClientSampleId :
SB-02-13.5-14.0MSD

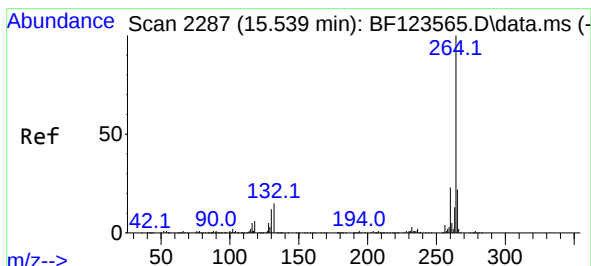
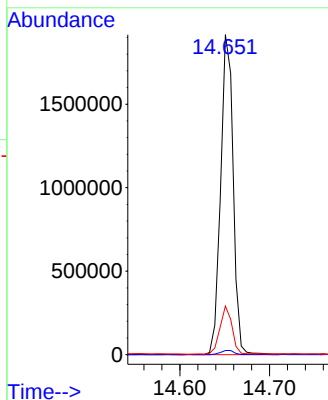
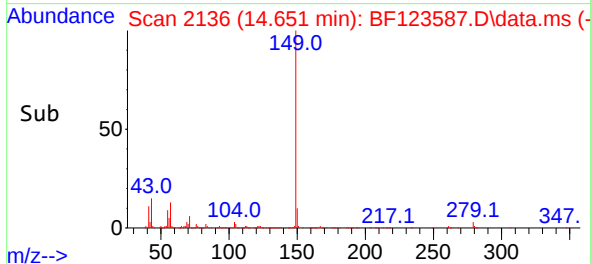


Tgt Ion:149 Resp: 1856635
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 14.6 11.8 17.6

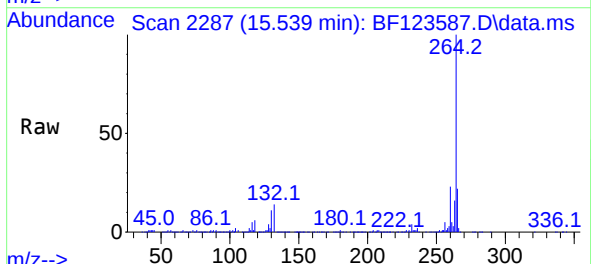
Manual Integrations
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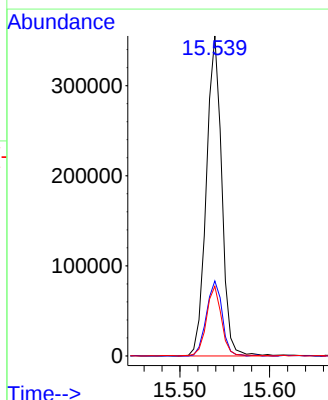
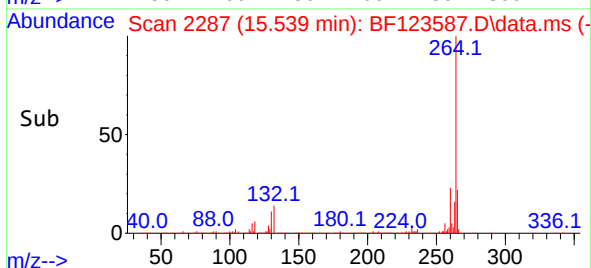
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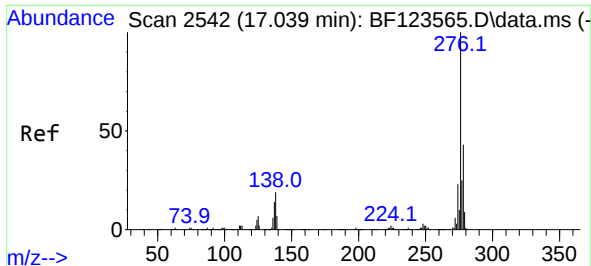


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.539 min Scan# 2287
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

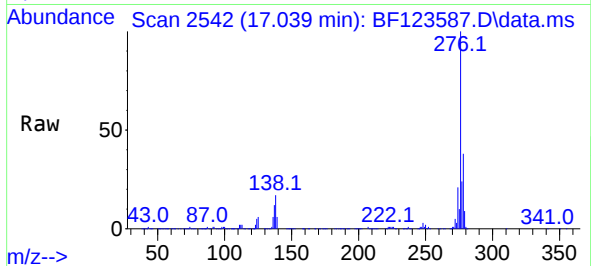


Tgt Ion:264 Resp: 423391
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 21.7 17.8 26.8

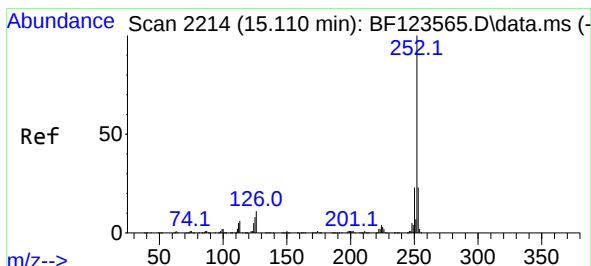
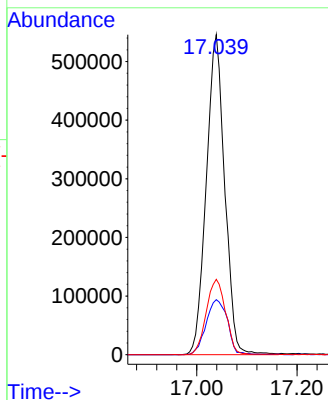
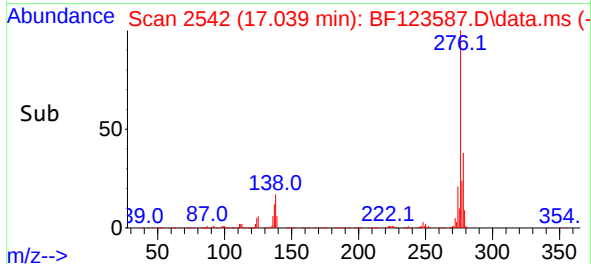




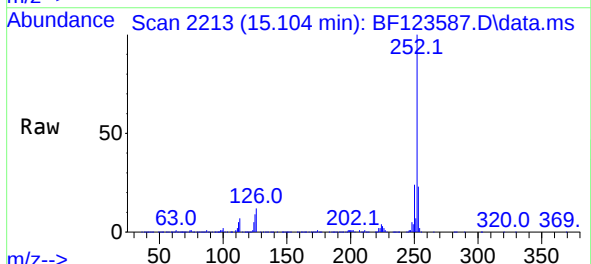
#87
Indeno(1,2,3-cd)pyrene
Concen: 61.62 ng
RT: 17.039 min Scan# 2542
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12



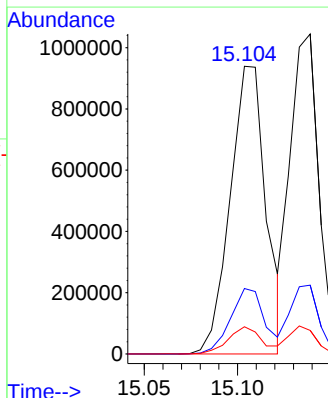
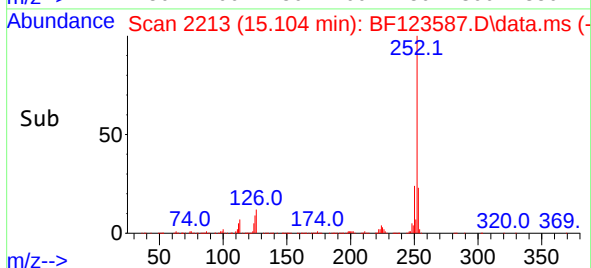
Tgt Ion: 276 Resp: 1392067
Ion Ratio Lower Upper
276 100
138 20.0 16.2 24.2
277 24.9 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 42.02 ng m
RT: 15.104 min Scan# 2213
Delta R.T. -0.006 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12



Tgt Ion: 252 Resp: 1256185
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 9.5 6.2 9.4#

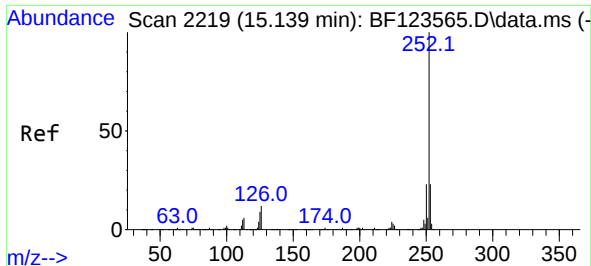


Instrument :
BNA_F
ClientSampleId :
SB-02-13.5-14.0MSD

Manual Integrations
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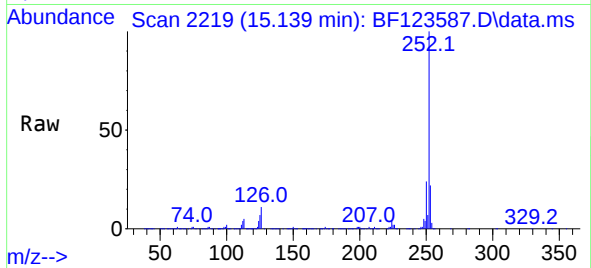
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#89
Benzo(k)fluoranthene
Concen: 41.85 ng
RT: 15.139 min Scan# 2219
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

Instrument :
BNA_F
ClientSampleId :
SB-02-13.5-14.0MSD

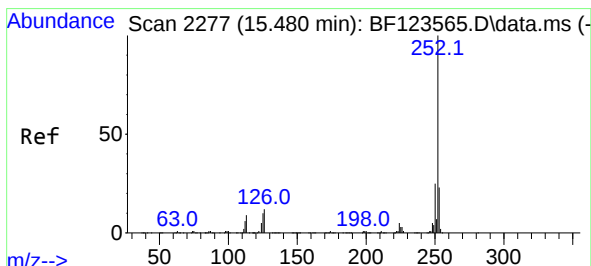
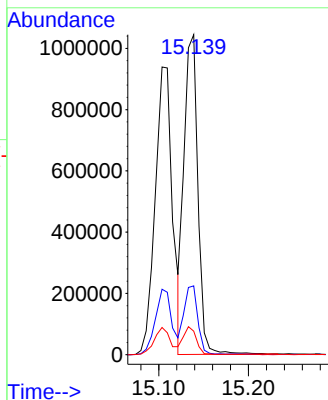
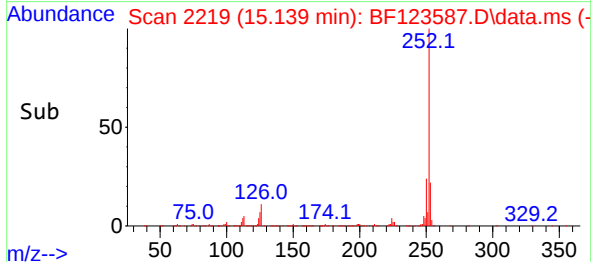


Tgt Ion:252 Resp: 1123506
Ion Ratio Lower Upper
252 100
253 21.5 17.9 26.9
125 7.4 7.0 10.6

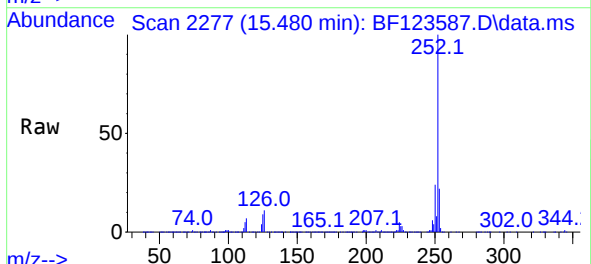
Manual Integrations
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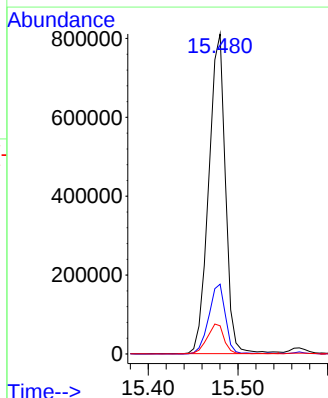
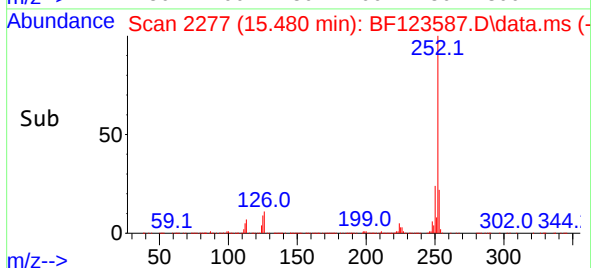
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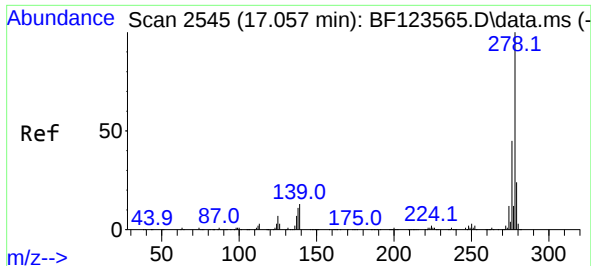


#90
Benzo(a)pyrene
Concen: 44.12 ng
RT: 15.480 min Scan# 2277
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12



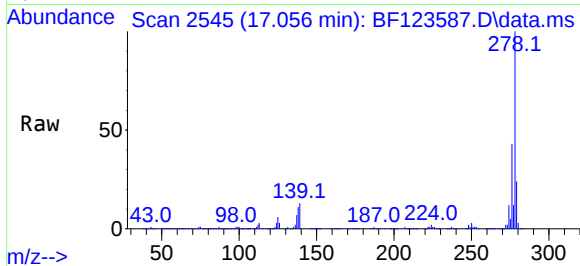
Tgt Ion:252 Resp: 1049029
Ion Ratio Lower Upper
252 100
253 21.8 18.4 27.6
125 8.8 8.0 12.0





#91
Dibenzo(a,h)anthracene
Concen: 59.89 ng
RT: 17.056 min Scan# 2545
Delta R.T. 0.000 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12

Instrument :
BNA_F
ClientSampleId :
SB-02-13.5-14.0MSD

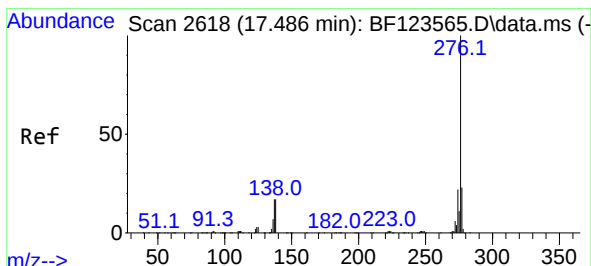
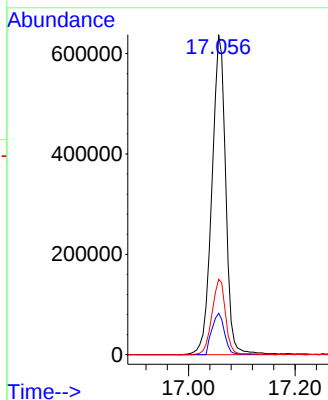
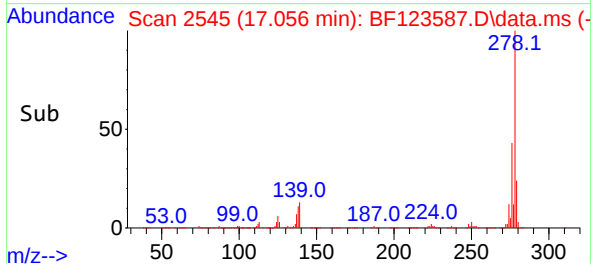


Tgt Ion:278 Resp: 1144294
Ion Ratio Lower Upper
278 100
139 12.9 10.2 15.2
279 23.6 19.4 29.0

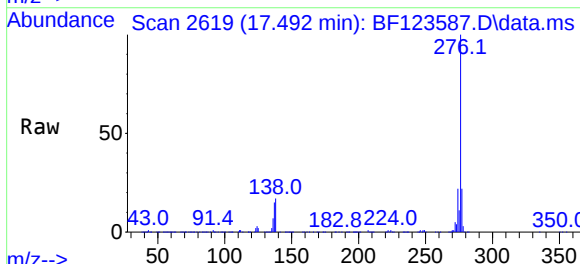
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#92
Benzo(g,h,i)perylene
Concen: 58.73 ng
RT: 17.492 min Scan# 2619
Delta R.T. 0.006 min
Lab File: BF123587.D
Acq: 16 Apr 2021 12:12



Tgt Ion:276 Resp: 1168348
Ion Ratio Lower Upper
276 100
277 22.2 18.2 27.2
138 16.8 13.8 20.6

