

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071621\
 Data File : BF124598.D
 Acq On : 16 Jul 2021 16:07
 Operator : JU/CG
 Sample : M3057-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EQ-TANK-TESTING-TOP

Quant Time: Jul 16 16:34:12 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 08 07:49:42 2021
 Response via : Initial Calibration

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

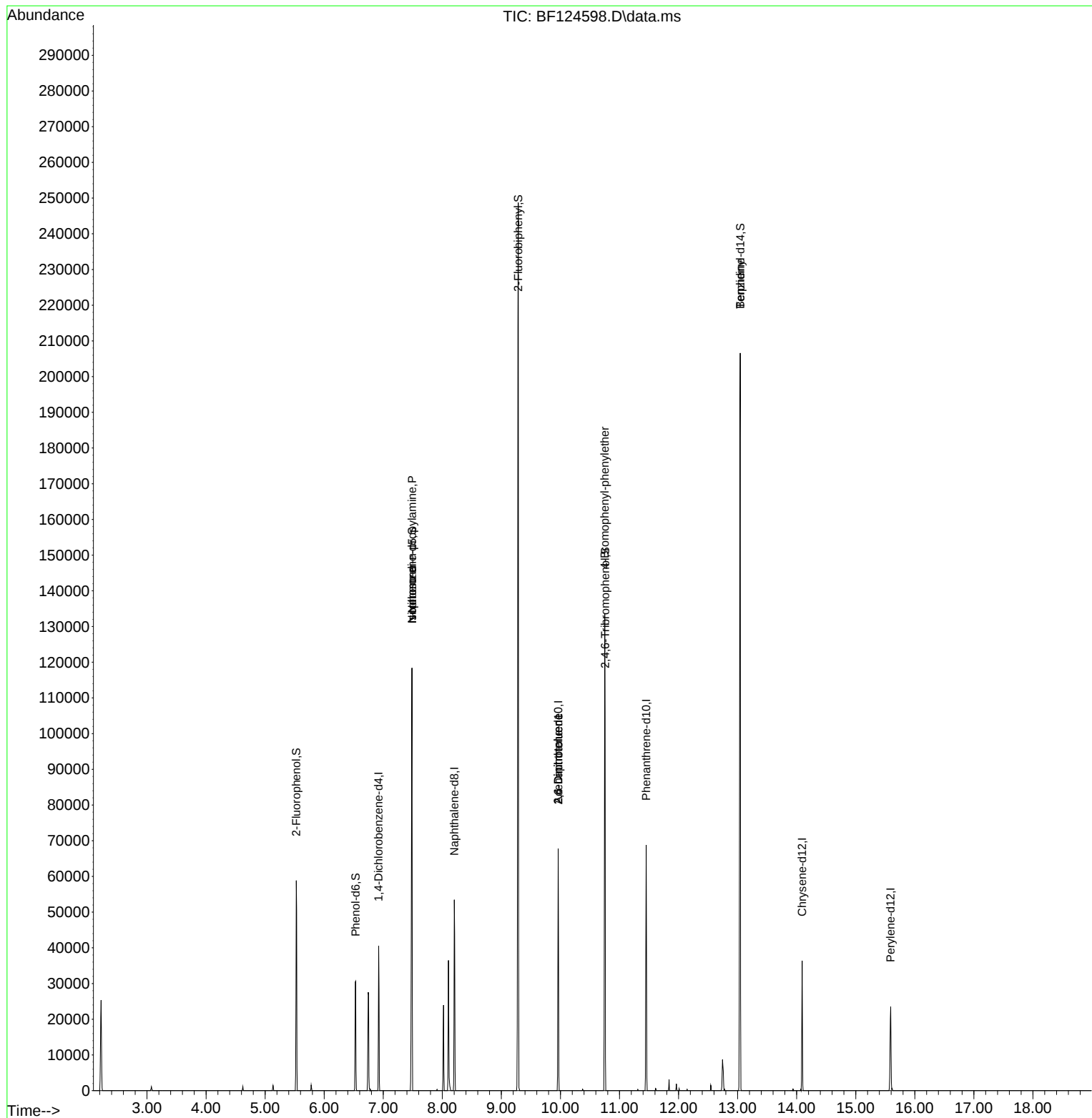
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	6128	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	23805	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	13343	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	23950	20.000	ng	0.00
76) Chrysene-d12	14.092	240	12460	20.000	ng	0.00
86) Perylene-d12	15.592	264	12152	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	15389	43.509	ng	-0.01
7) Phenol-d6	6.533	99	10739	24.959	ng	-0.01
23) Nitrobenzene-d5	7.486	82	32799	86.978	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	12865	123.901	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	76703	83.828	ng	0.00
79) Terphenyl-d14	13.045	244	70599	95.145	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.486	70	3987	16.482	ng	# 76
25) Isophorone	7.486	82	32797	47.377	ng	# 59
51) 2,6-Dinitrotoluene	9.963	165	1528	8.349	ng	# 26
57) 2,4-Dinitrotoluene	9.963	165	1528	6.099	ng	# 18
67) 4-Bromophenyl-phenylether	10.751	248	953	3.848	ng	# 1
77) Benzidine	13.045	184	1035	2.222	ng	# 69

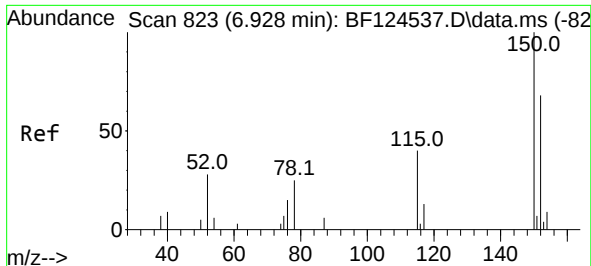
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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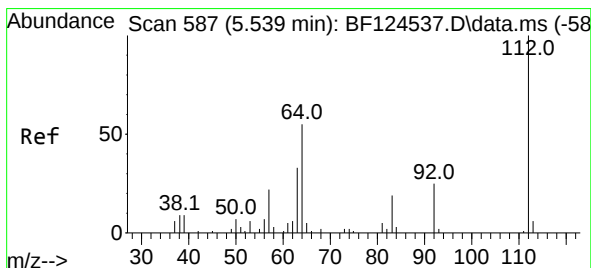
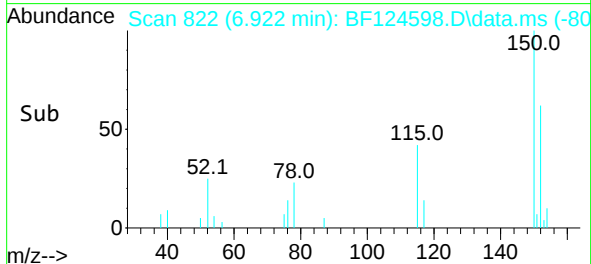
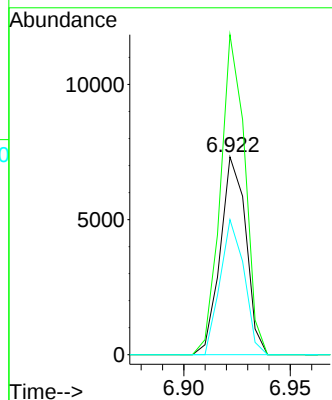
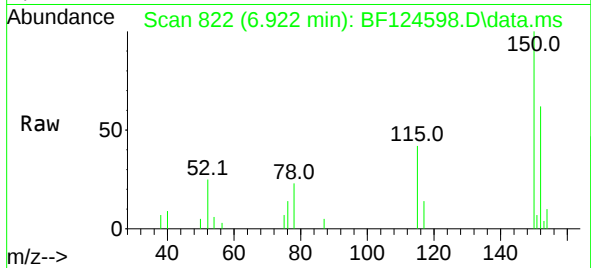




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.006 min
Lab File: BF124598.D
Acq: 16 Jul 2021 16:07

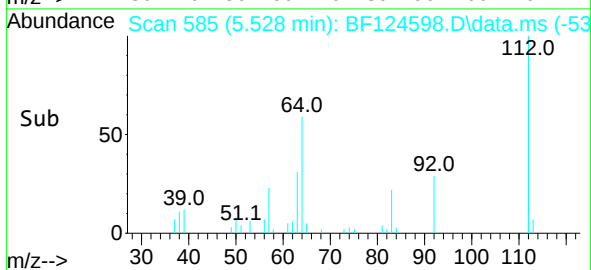
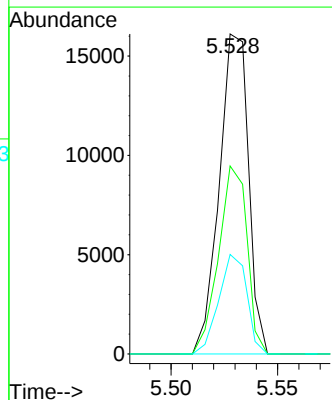
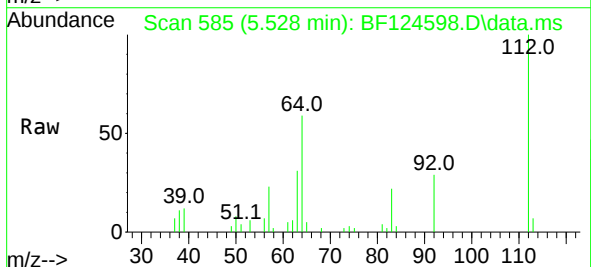
Instrument :
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ClientSampleId :
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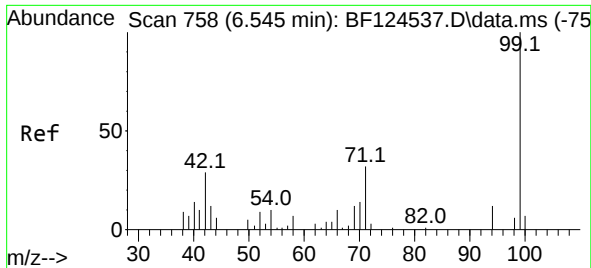
Tgt Ion:152 Resp: 6128
Ion Ratio Lower Upper
152 100
150 161.8 117.6 176.4
115 68.3 47.1 70.7



#5
2-Fluorophenol
Concen: 43.509 ng
RT: 5.528 min Scan# 585
Delta R.T. -0.011 min
Lab File: BF124598.D
Acq: 16 Jul 2021 16:07

Tgt Ion:112 Resp: 15389
Ion Ratio Lower Upper
112 100
64 58.8 44.2 66.2
63 31.1 26.2 39.2

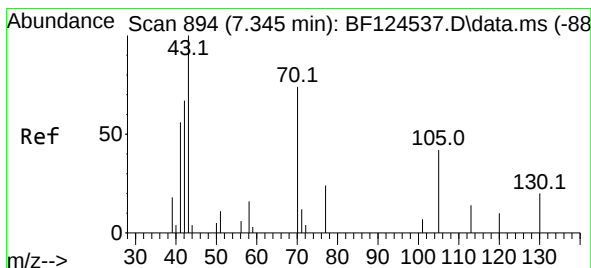
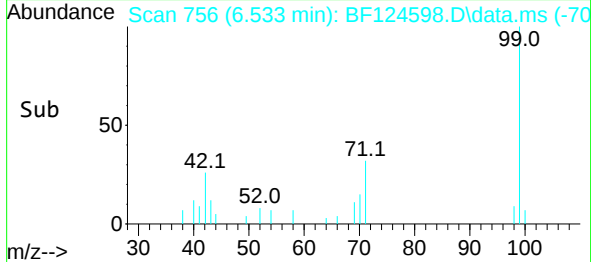
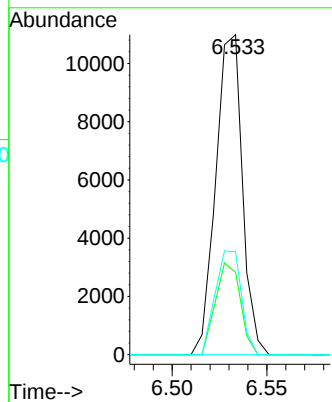
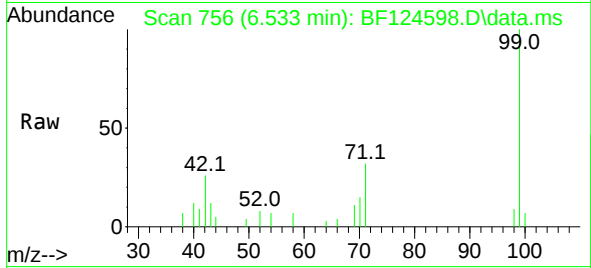




#7
Phenol-d6
Concen: 24.959 ng
RT: 6.533 min Scan# 756
Delta R.T. -0.012 min
Lab File: BF124598.D
Acq: 16 Jul 2021 16:07

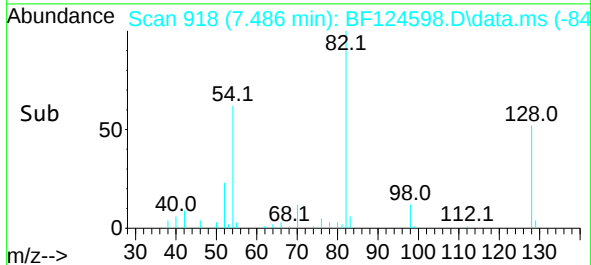
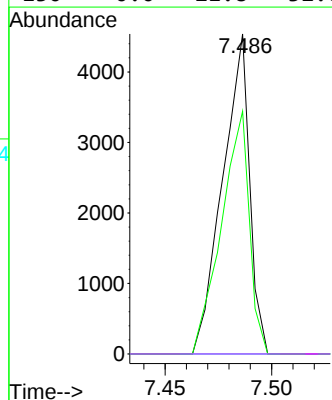
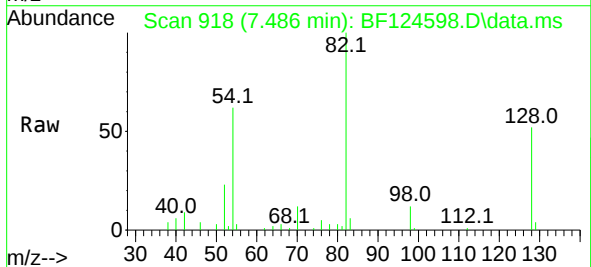
Instrument :
BNA_F
ClientSampleId :
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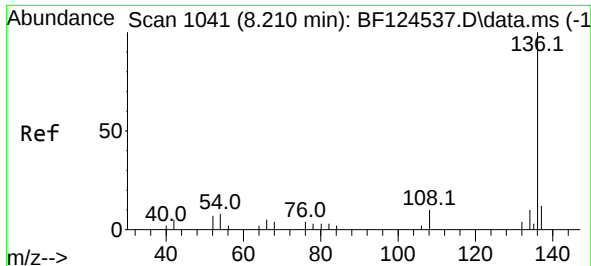
Tgt Ion:	99	Resp:	10739
Ion	Ratio	Lower	Upper
99	100		
42	25.7	23.5	35.3
71	32.2	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.482 ng
RT: 7.486 min Scan# 918
Delta R.T. 0.141 min
Lab File: BF124598.D
Acq: 16 Jul 2021 16:07

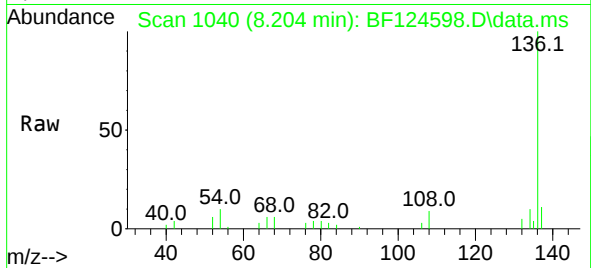
Tgt Ion:	70	Resp:	3987
Ion	Ratio	Lower	Upper
70	100		
42	75.8	72.2	108.2
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#



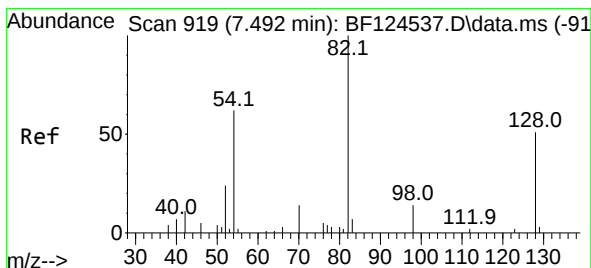
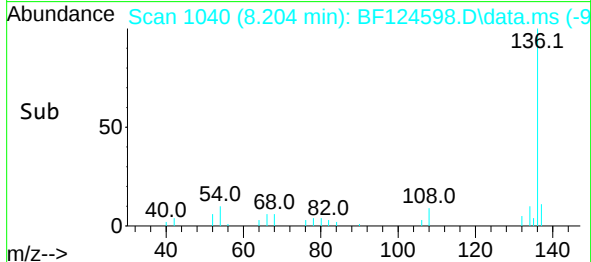
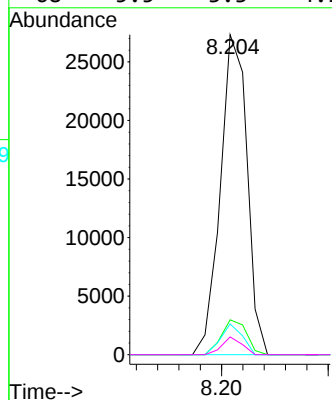


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF124598.D
Acq: 16 Jul 2021 16:07

Instrument :
BNA_F
ClientSampleId :
EQ-TANK-TESTING-TOP

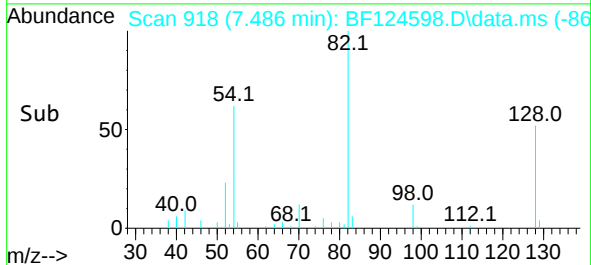
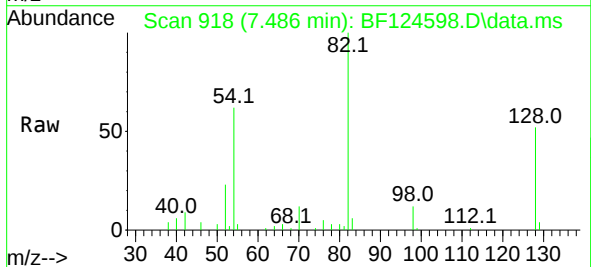
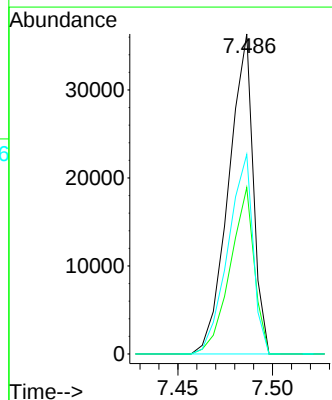


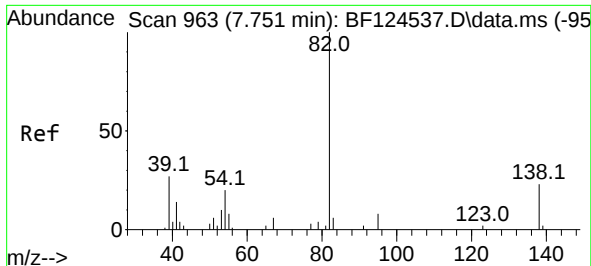
Tgt Ion:136 Resp: 23805
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 9.6 6.4 9.6#
68 5.5 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 86.978 ng
RT: 7.486 min Scan# 918
Delta R.T. -0.006 min
Lab File: BF124598.D
Acq: 16 Jul 2021 16:07

Tgt Ion: 82 Resp: 32799
Ion Ratio Lower Upper
82 100
128 52.0 40.6 60.8
54 62.3 49.6 74.4

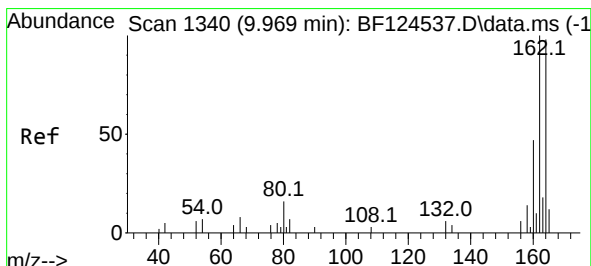
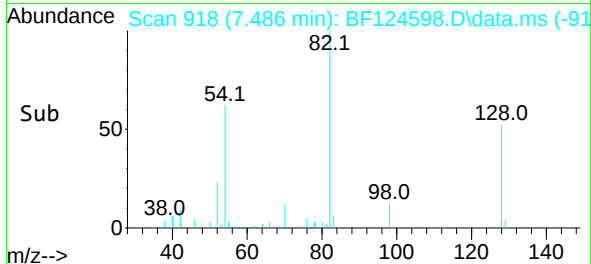
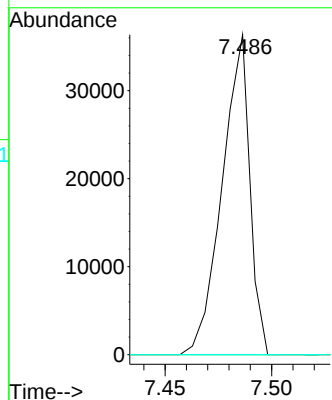
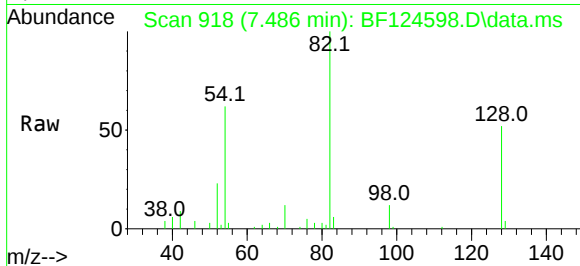




#25
Isophorone
Concen: 47.377 ng
RT: 7.486 min Scan# 918
Delta R.T. -0.265 min
Lab File: BF124598.D
Acq: 16 Jul 2021 16:07

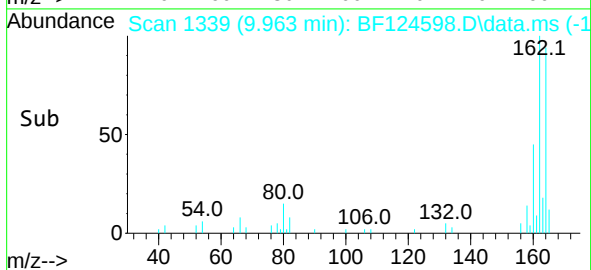
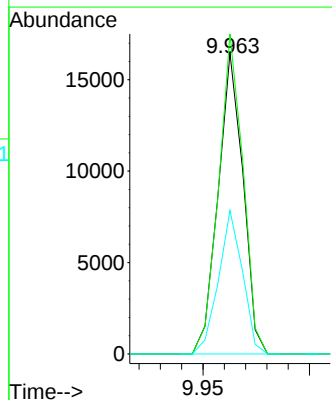
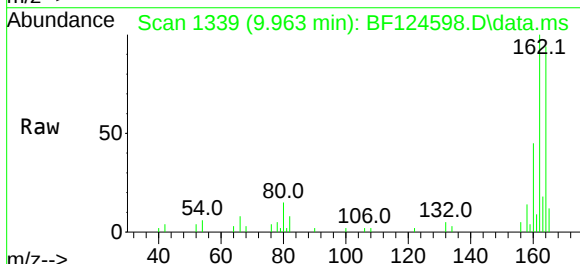
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ClientSampleId :
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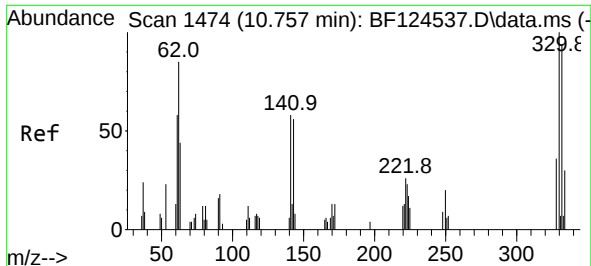
Tgt Ion: 82 Resp: 32797
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF124598.D
Acq: 16 Jul 2021 16:07

Tgt Ion: 164 Resp: 13343
Ion Ratio Lower Upper
164 100
162 106.4 81.3 121.9
160 47.7 38.0 57.0

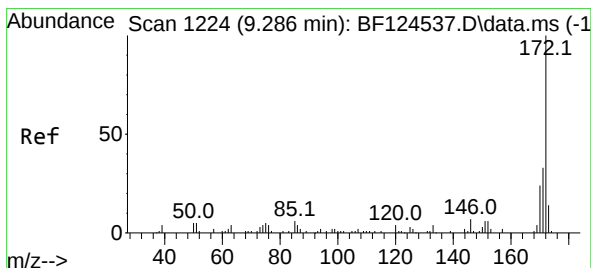
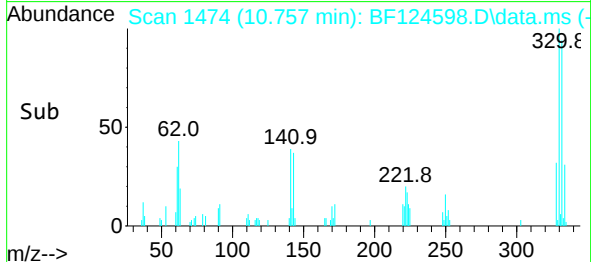
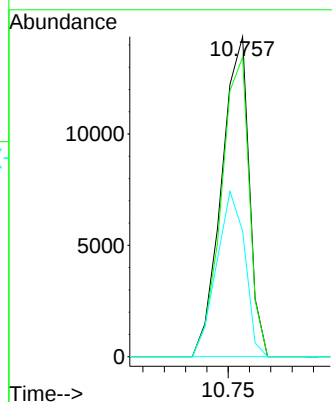
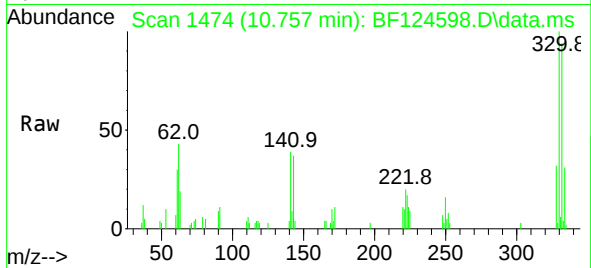




#42
2,4,6-Tribromophenol
Concen: 123.901 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BF124598.D
Acq: 16 Jul 2021 16:07

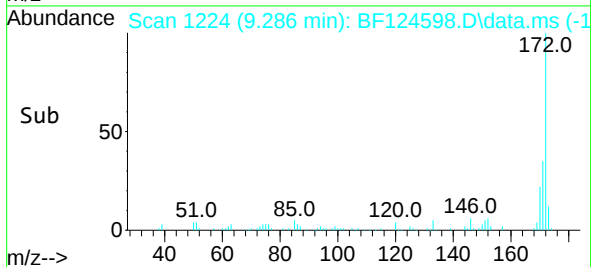
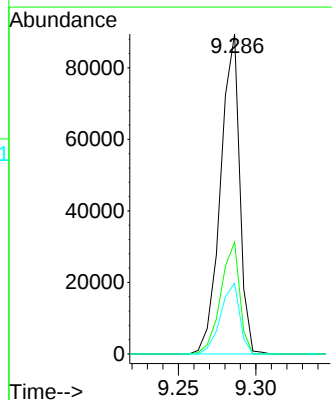
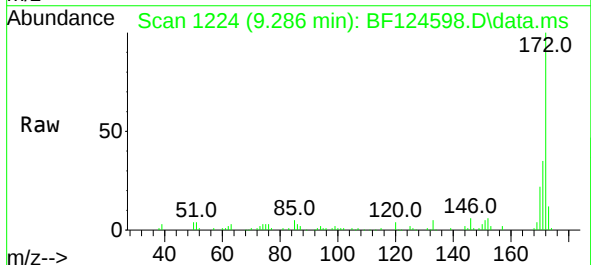
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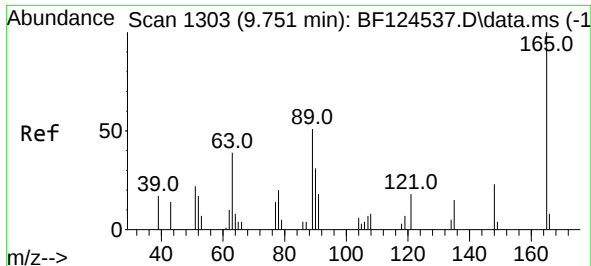
Tgt Ion:330 Resp: 12865
Ion Ratio Lower Upper
330 100
332 94.4 76.2 114.4
141 53.3 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 83.828 ng
RT: 9.286 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF124598.D
Acq: 16 Jul 2021 16:07

Tgt Ion:172 Resp: 76703
Ion Ratio Lower Upper
172 100
171 34.9 26.5 39.7
170 22.1 18.8 28.2

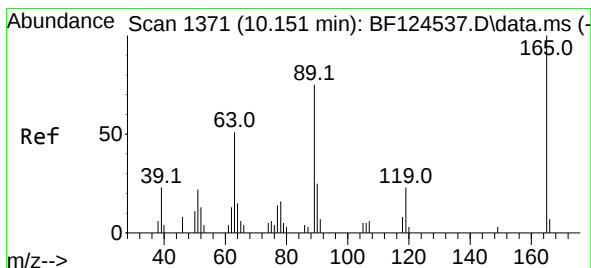
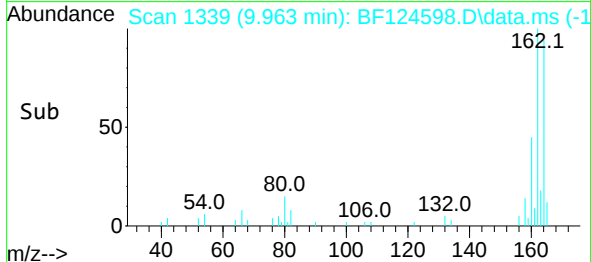
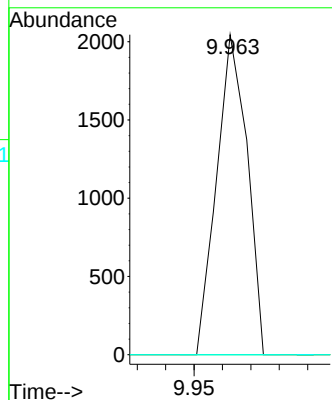
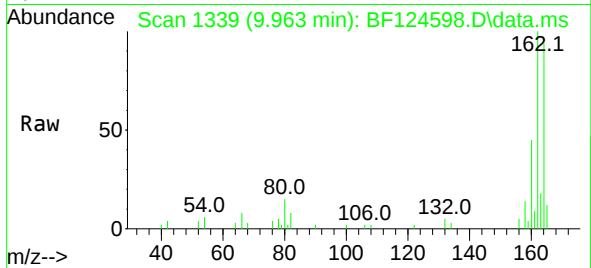




#51
2,6-Dinitrotoluene
Concen: 8.349 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.212 min
Lab File: BF124598.D
Acq: 16 Jul 2021 16:07

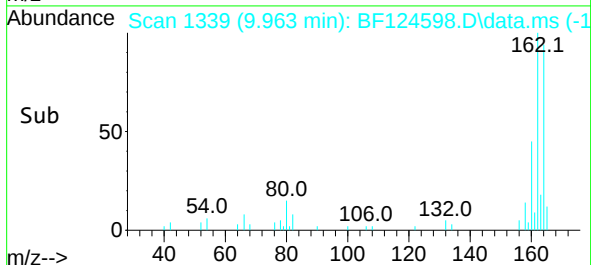
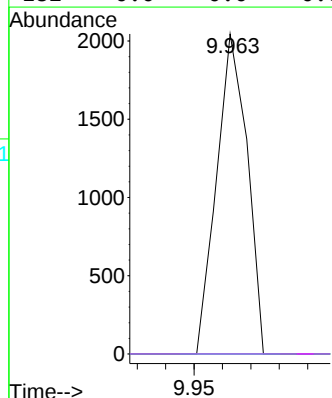
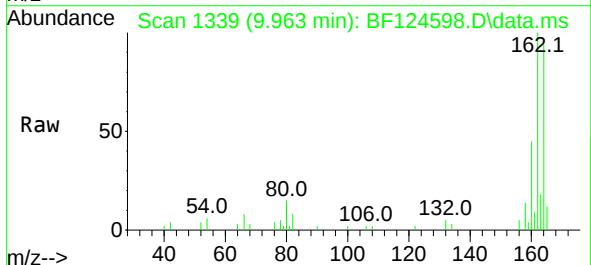
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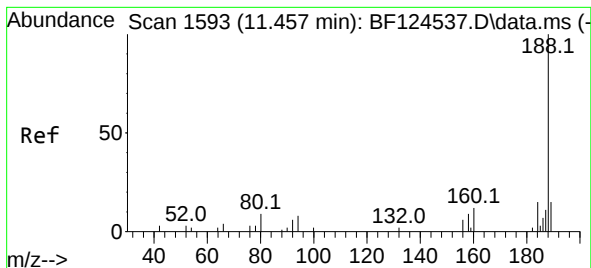
Tgt Ion:165 Resp: 1528
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.099 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.188 min
Lab File: BF124598.D
Acq: 16 Jul 2021 16:07

Tgt Ion:165 Resp: 1528
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

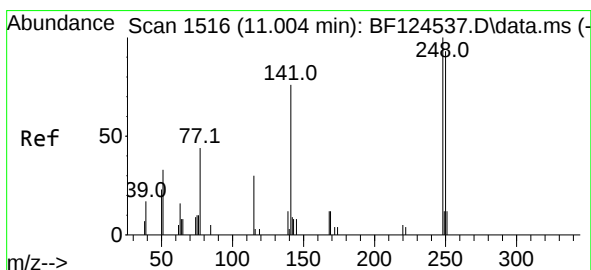
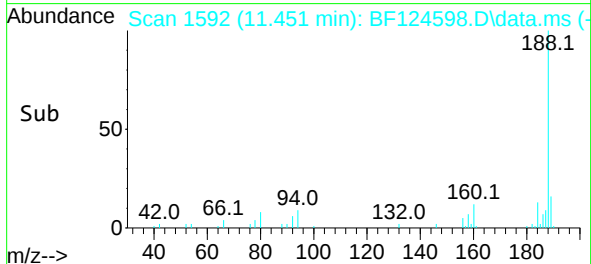
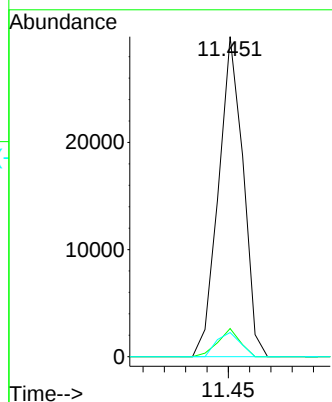
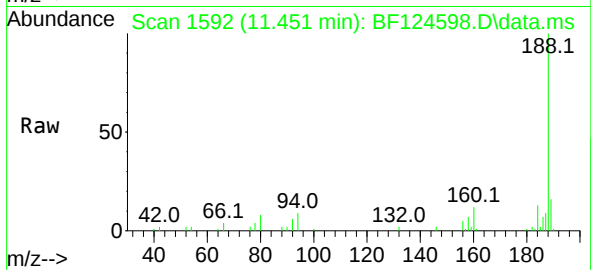




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF124598.D
Acq: 16 Jul 2021 16:07

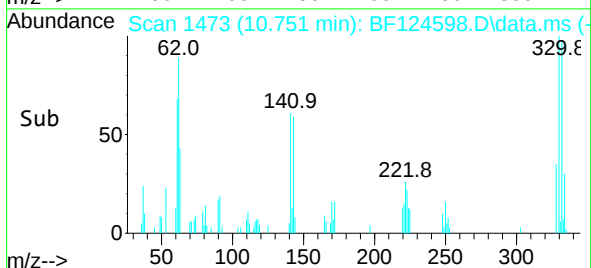
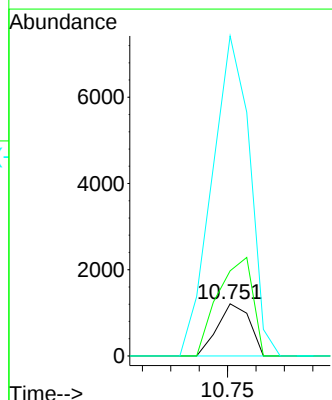
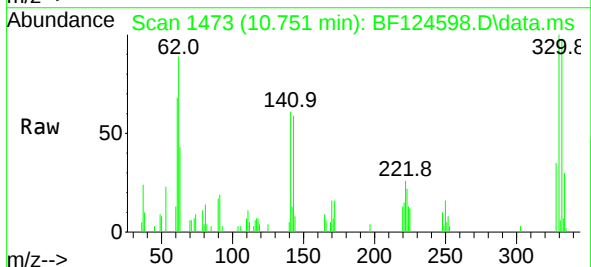
Instrument :
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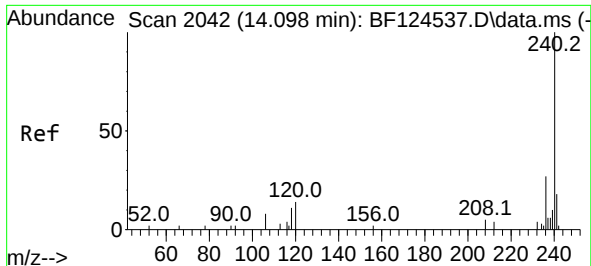
Tgt Ion:188 Resp: 23950
Ion Ratio Lower Upper
188 100
94 8.8 6.7 10.1
80 7.6 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.848 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.253 min
Lab File: BF124598.D
Acq: 16 Jul 2021 16:07

Tgt Ion:248 Resp: 953
Ion Ratio Lower Upper
248 100
250 163.1 74.2 111.4#
141 612.9 60.4 90.6#

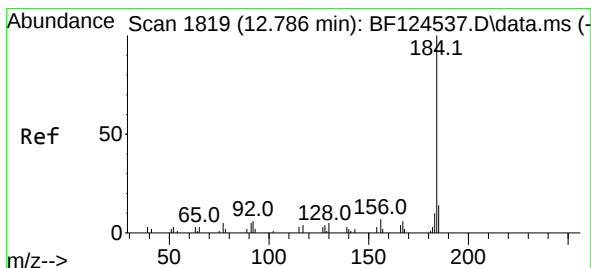
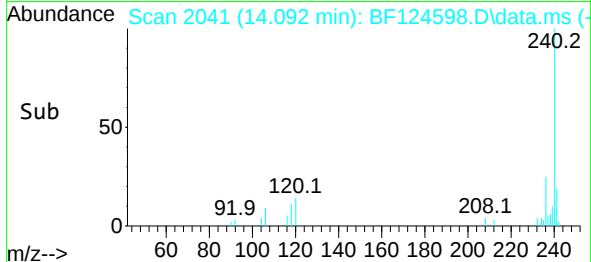
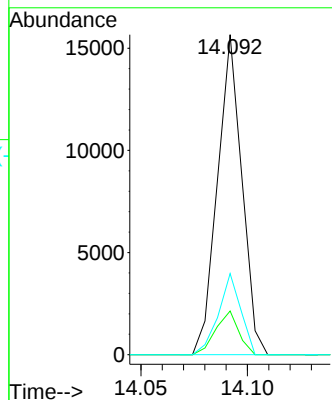
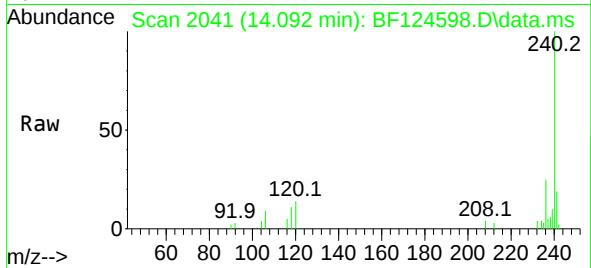




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF124598.D
Acq: 16 Jul 2021 16:07

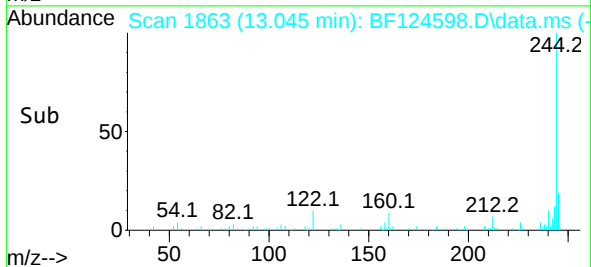
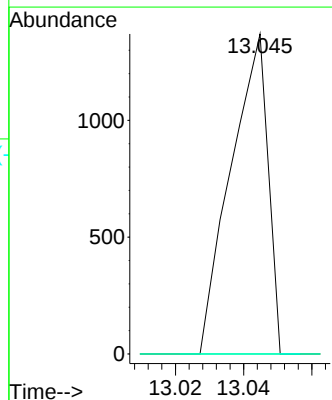
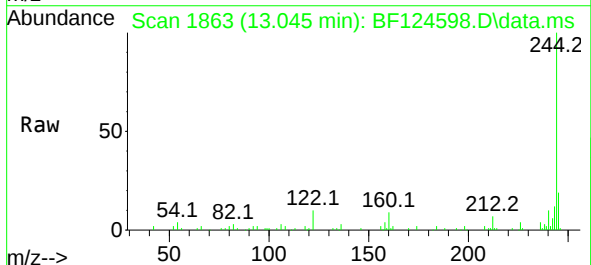
Instrument :
BNA_F
ClientSampleId :
EQ-TANK-TESTING-TOP

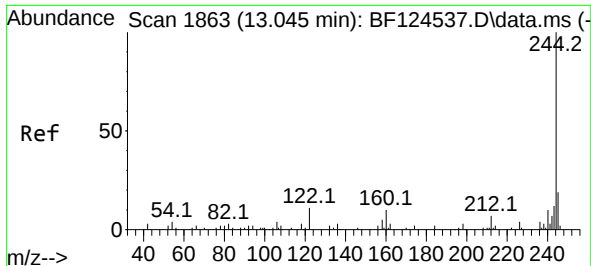
Tgt Ion:240 Resp: 12460
Ion Ratio Lower Upper
240 100
120 13.7 10.8 16.2
236 25.4 21.6 32.4



#77
Benzidine
Concen: 2.222 ng
RT: 13.045 min Scan# 1863
Delta R.T. 0.259 min
Lab File: BF124598.D
Acq: 16 Jul 2021 16:07

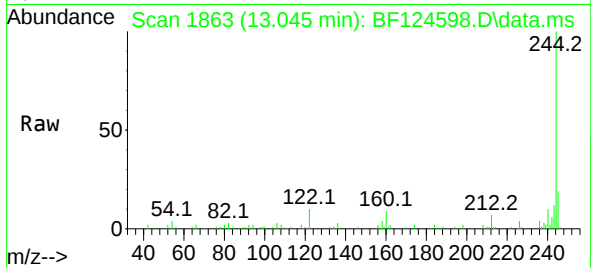
Tgt Ion:184 Resp: 1035
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#



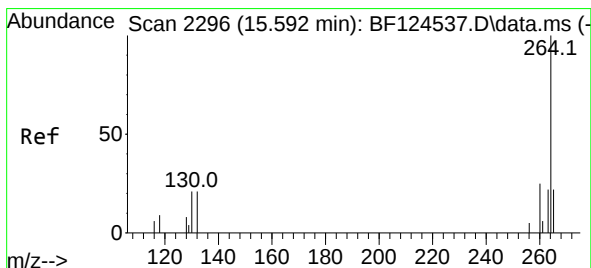
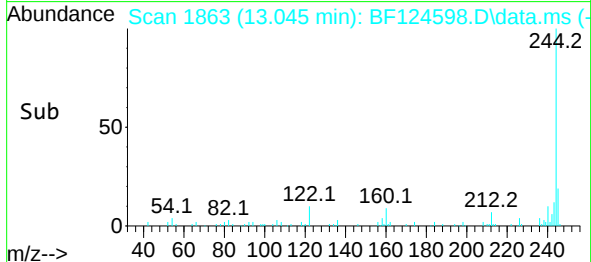
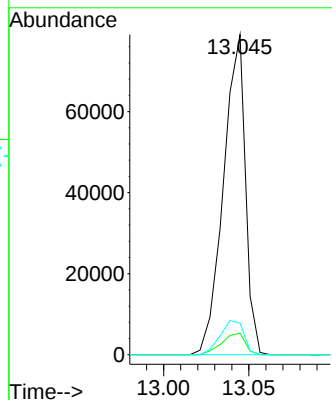


#79
Terphenyl-d14
Concen: 95.145 ng
RT: 13.045 min Scan# 1863
Delta R.T. -0.000 min
Lab File: BF124598.D
Acq: 16 Jul 2021 16:07

Instrument :
BNA_F
ClientSampleId :
EQ-TANK-TESTING-TOP



Tgt Ion:244 Resp: 70599
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 9.9 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2296
Delta R.T. -0.000 min
Lab File: BF124598.D
Acq: 16 Jul 2021 16:07

Tgt Ion:264 Resp: 12152
Ion Ratio Lower Upper
264 100
260 19.1 19.6 29.4#
265 21.8 17.2 25.8

