

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072921\
 Data File : BF124857.D
 Acq On : 29 Jul 2021 18:21
 Operator : JU/CG
 Sample : M3206-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPLP-LEACHATE-AMENDED-COM-

Quant Time: Jul 30 02:53:48 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

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

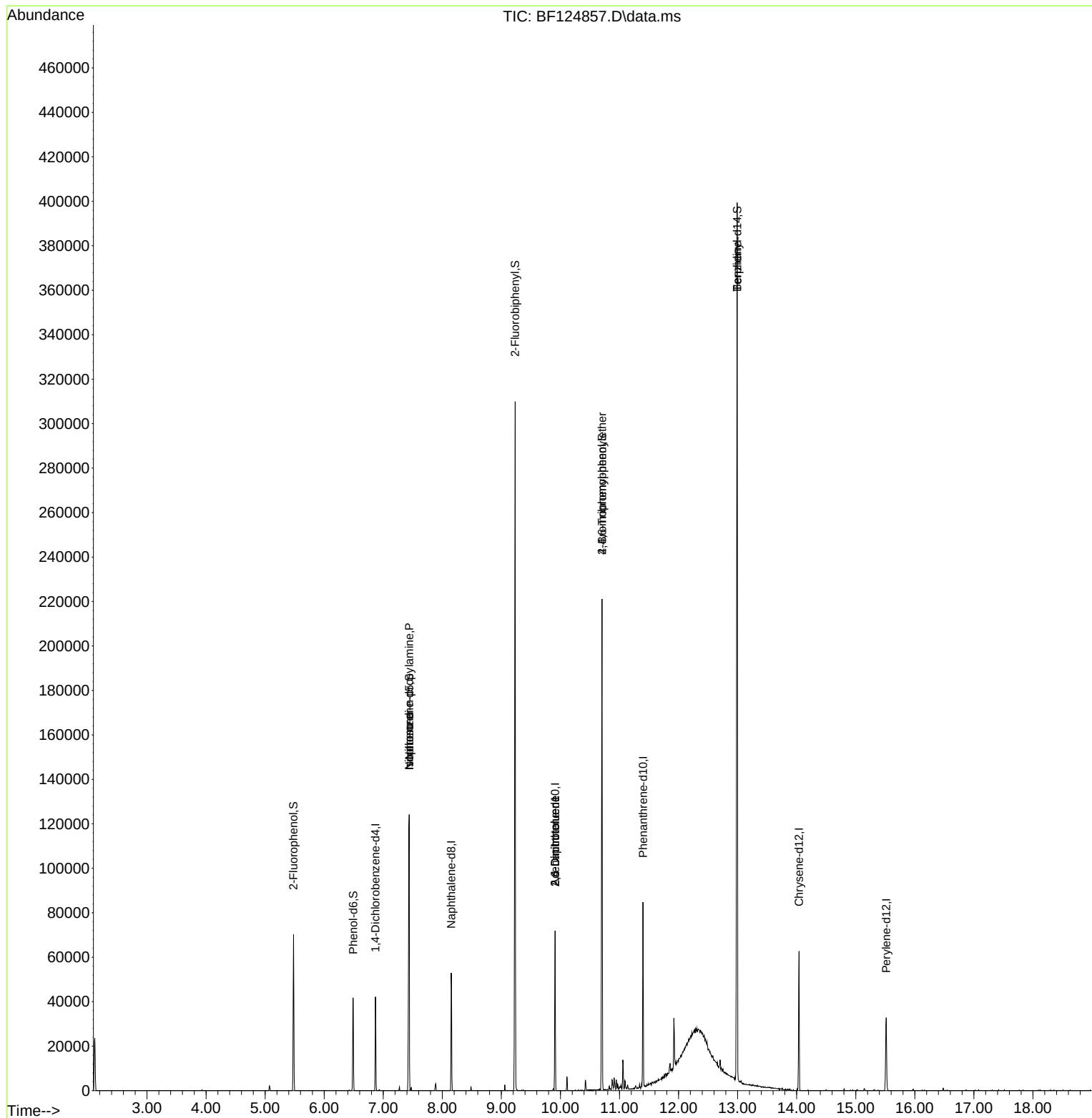
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	5827	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	22966	20.00	ng	# 0.00
39) Acenaphthene-d10	9.910	164	13941	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	27570	20.00	ng	0.00
76) Chrysene-d12	14.039	240	21205	20.00	ng	0.00
86) Perylene-d12	15.515	264	16734	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	17600	51.14	ng	0.00
7) Phenol-d6	6.492	99	12745	29.54	ng	0.00
23) Nitrobenzene-d5	7.439	82	41163	106.68	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	20324	169.80	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	89381	94.17	ng	0.00
79) Terphenyl-d14	12.992	244	142427	115.13	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.439	70	5516	23.94	ng	# 64
25) Isophorone	7.439	82	41161	60.33	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	1719	8.11	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	1719	5.97	ng	# 18
67) 4-Bromophenyl-phenylether	10.704	248	1714	5.86	ng	# 1
77) Benzidine	12.992	184	2293	3.83	ng	# 84

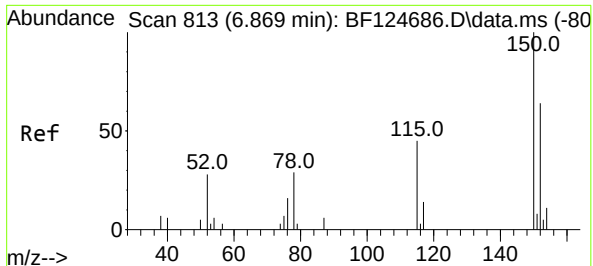
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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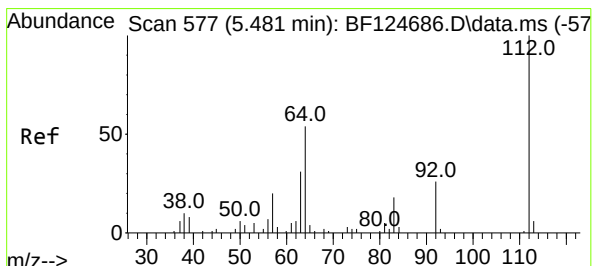
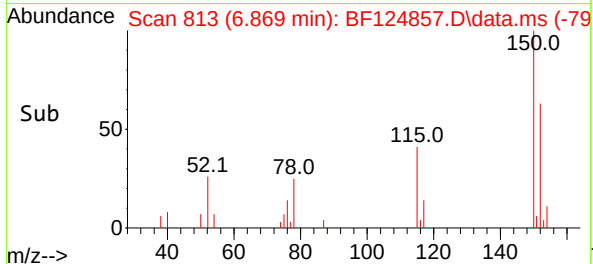
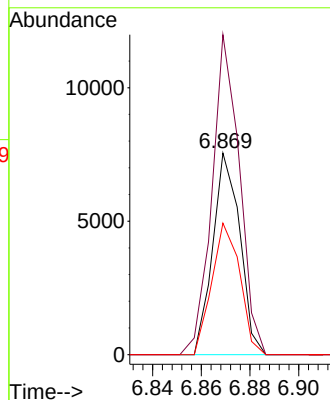
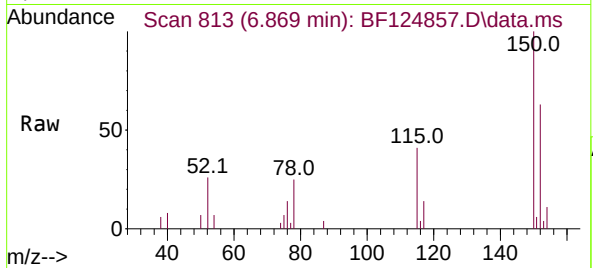




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124857.D
Acq: 29 Jul 2021 18:21

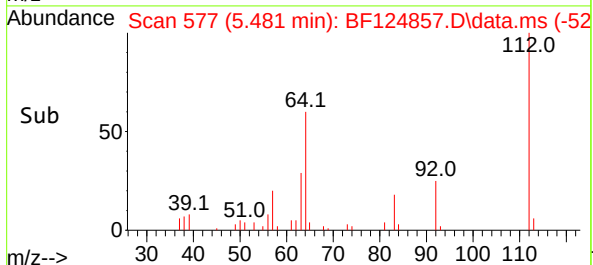
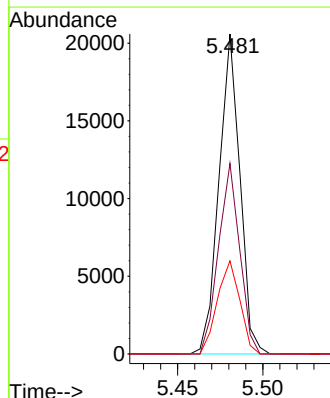
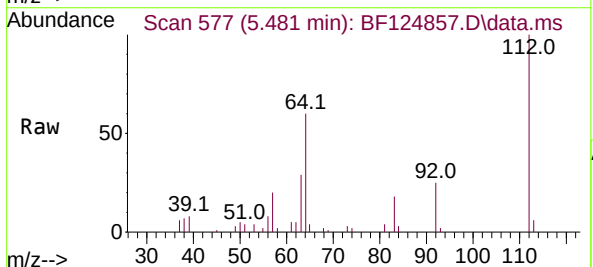
Instrument :
BNA_F
ClientSampleId :
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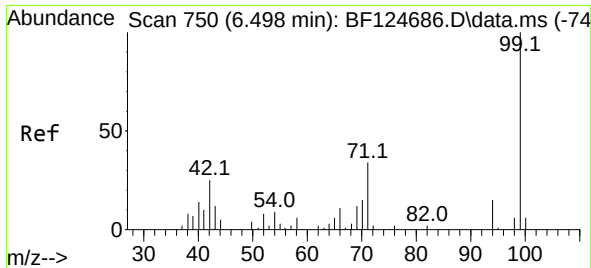
Tgt Ion:152 Resp: 5827
Ion Ratio Lower Upper
152 100
150 158.8 117.6 176.4
115 65.2 47.1 70.7



#5
2-Fluorophenol
Concen: 51.14 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF124857.D
Acq: 29 Jul 2021 18:21

Tgt Ion:112 Resp: 17600
Ion Ratio Lower Upper
112 100
64 59.6 44.2 66.2
63 29.1 26.2 39.2

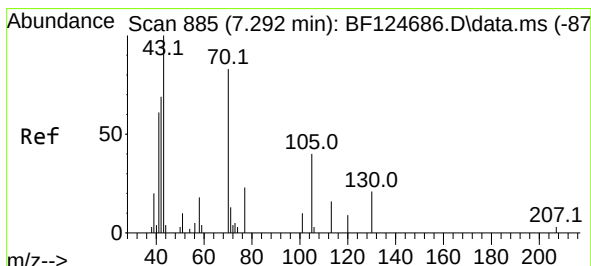
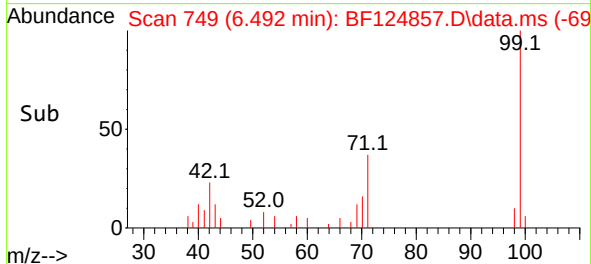
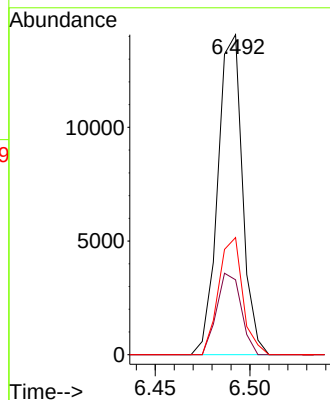
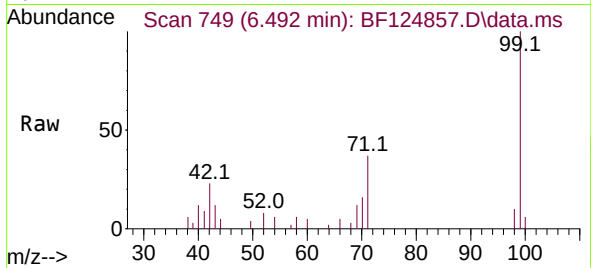




#7
Phenol-d6
Concen: 29.54 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124857.D
Acq: 29 Jul 2021 18:21

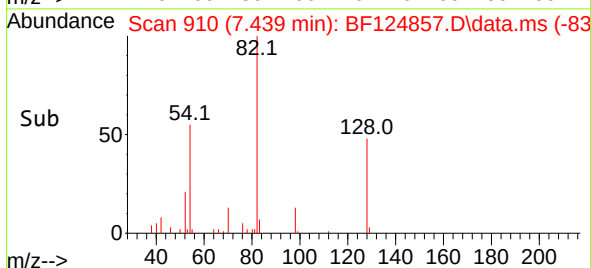
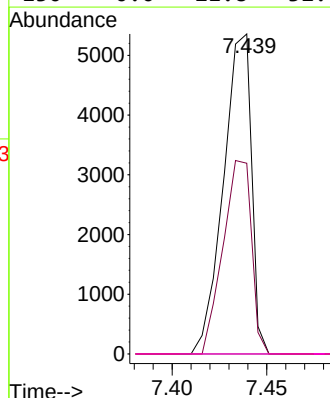
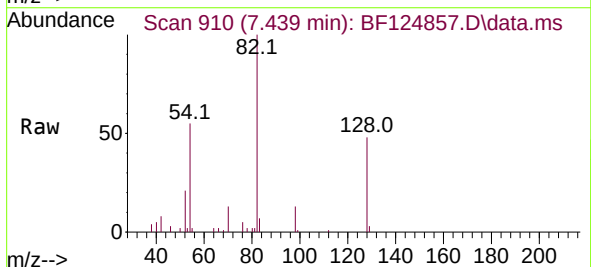
Instrument :
BNA_F
ClientSampleId :
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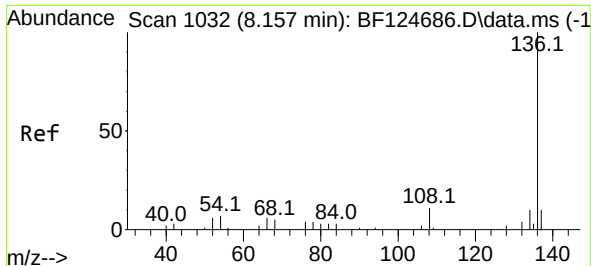
Tgt Ion: 99 Resp: 12745
Ion Ratio Lower Upper
99 100
42 23.4 23.5 35.3#
71 36.6 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 23.94 ng
RT: 7.439 min Scan# 910
Delta R.T. 0.147 min
Lab File: BF124857.D
Acq: 29 Jul 2021 18:21

Tgt Ion: 70 Resp: 5516
Ion Ratio Lower Upper
70 100
42 59.6 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

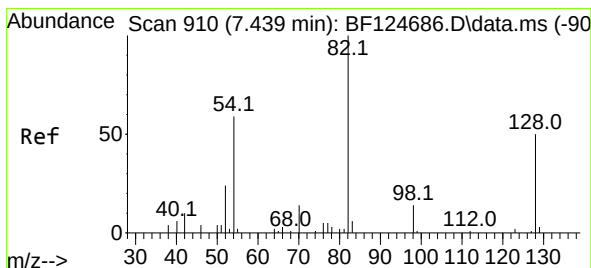
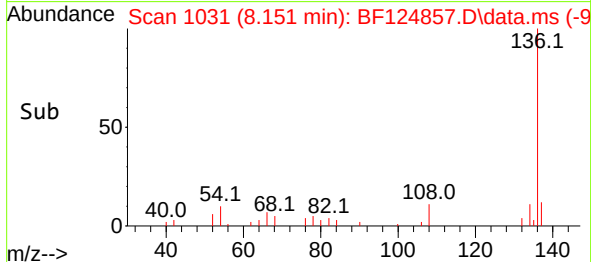
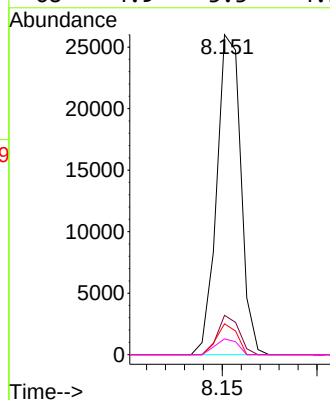
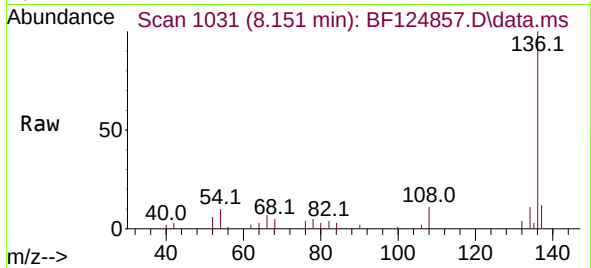




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124857.D
Acq: 29 Jul 2021 18:21

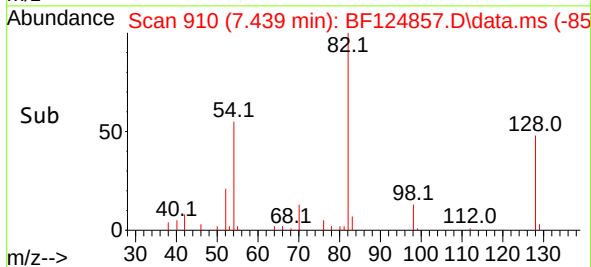
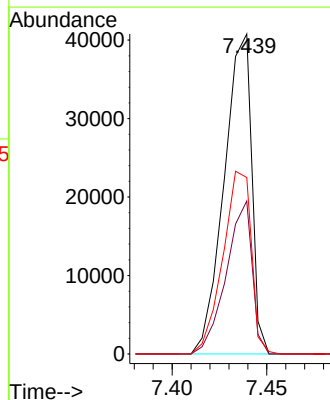
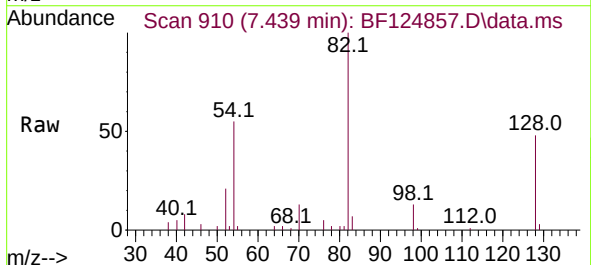
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ClientSampleId :
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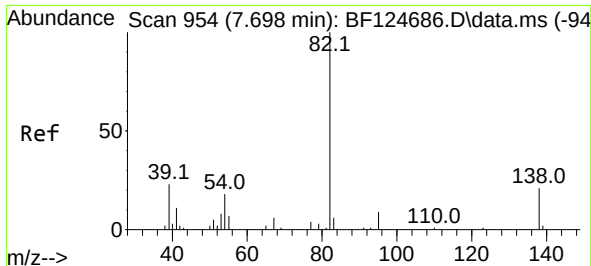
Tgt Ion:136	Resp:	22966
Ion Ratio	Lower	Upper
136	100	
137	12.3	9.8 14.6
54	9.7	6.4 9.6#
68	4.9	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 106.68 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF124857.D
Acq: 29 Jul 2021 18:21

Tgt Ion: 82	Resp:	41163
Ion Ratio	Lower	Upper
82	100	
128	47.8	40.6 60.8
54	55.2	49.6 74.4

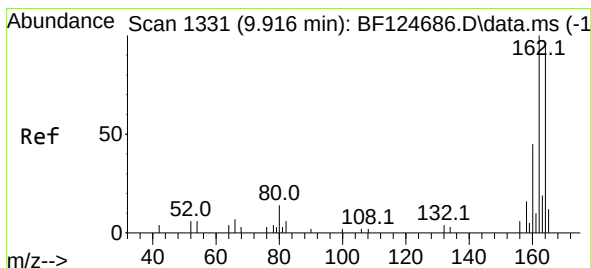
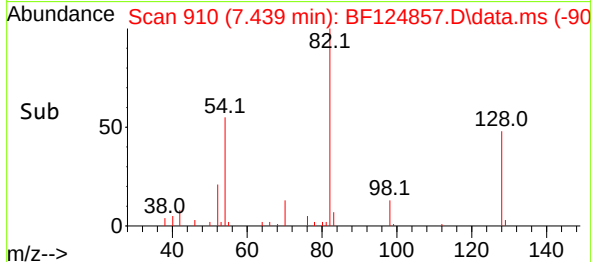
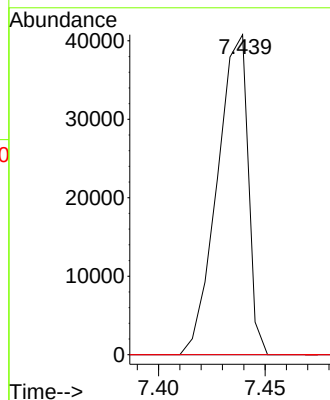
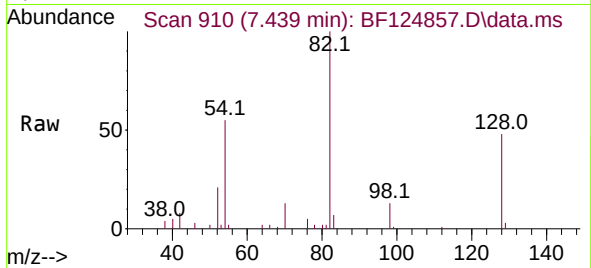




#25
Isophorone
Concen: 60.33 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.259 min
Lab File: BF124857.D
Acq: 29 Jul 2021 18:21

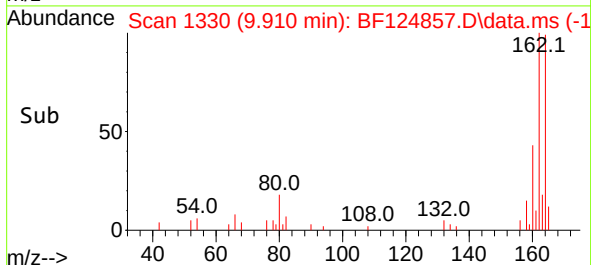
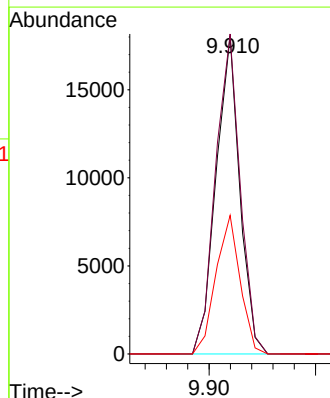
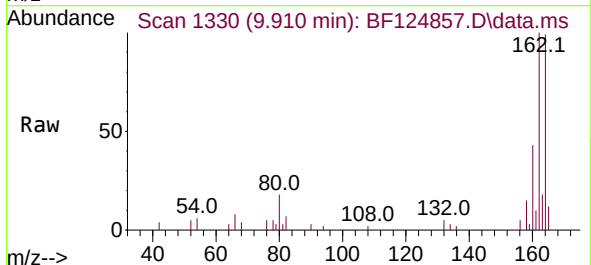
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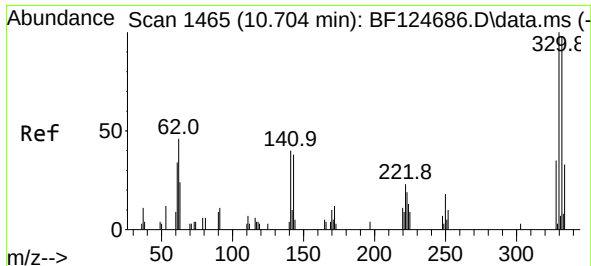
Tgt Ion: 82 Resp: 41161
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124857.D
Acq: 29 Jul 2021 18:21

Tgt Ion: 164 Resp: 13941
Ion Ratio Lower Upper
164 100
162 100.7 81.3 121.9
160 43.6 38.0 57.0

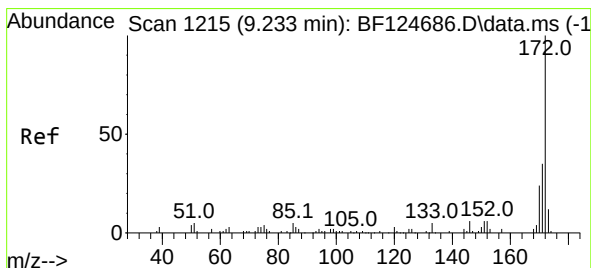
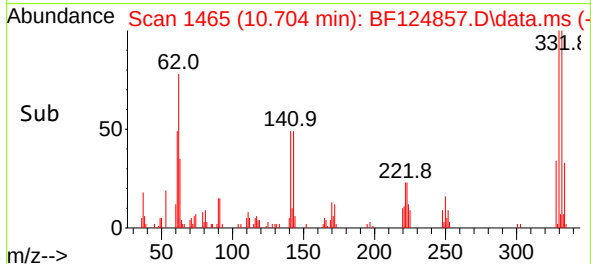
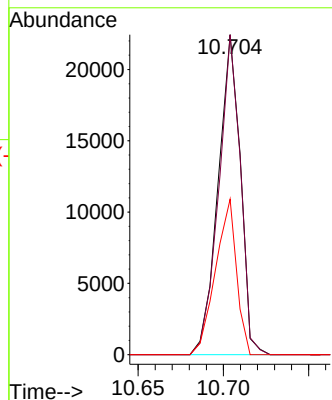
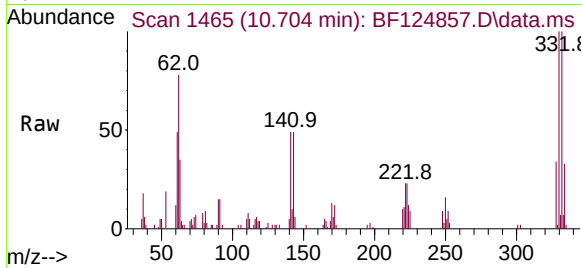




#42
2,4,6-Tribromophenol
Concen: 169.80 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF124857.D
Acq: 29 Jul 2021 18:21

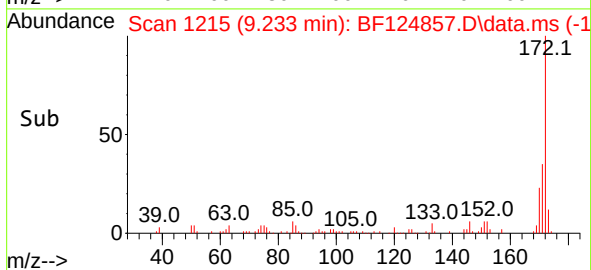
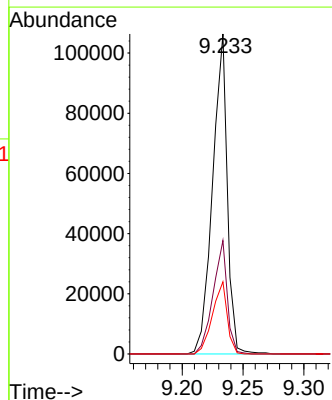
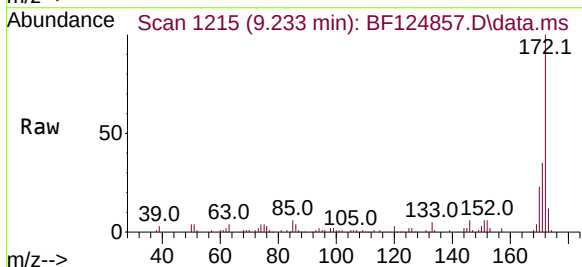
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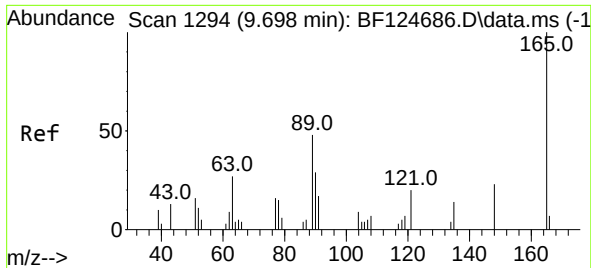
Tgt Ion:	330	Resp:	20324
Ion Ratio	Lower	Upper	
330	100		
332	97.4	76.2	114.4
141	45.9	44.6	66.8



#45
2-Fluorobiphenyl
Concen: 94.17 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BF124857.D
Acq: 29 Jul 2021 18:21

Tgt Ion:	172	Resp:	89381
Ion Ratio	Lower	Upper	
172	100		
171	35.4	26.5	39.7
170	22.5	18.8	28.2

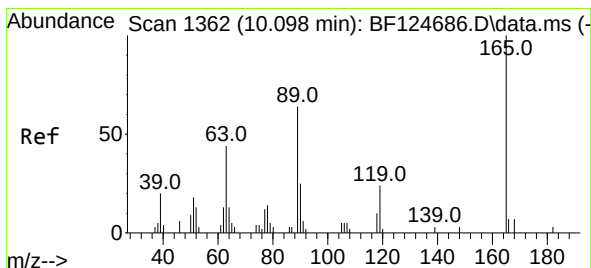
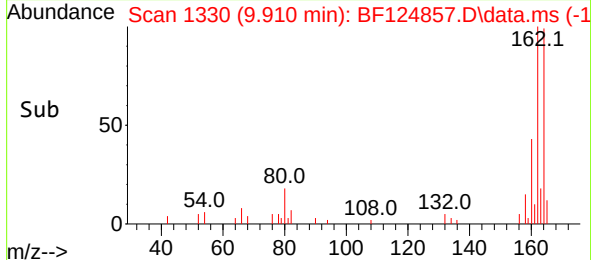
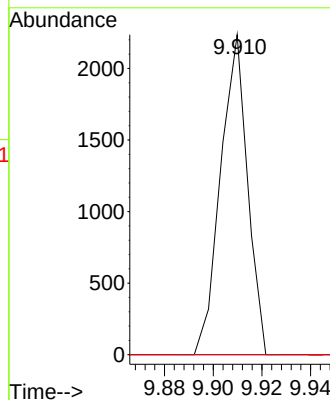
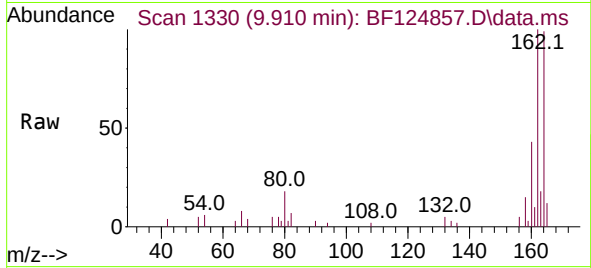




#51
2,6-Dinitrotoluene
Concen: 8.11 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124857.D
Acq: 29 Jul 2021 18:21

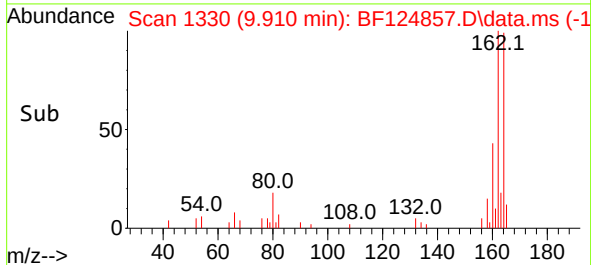
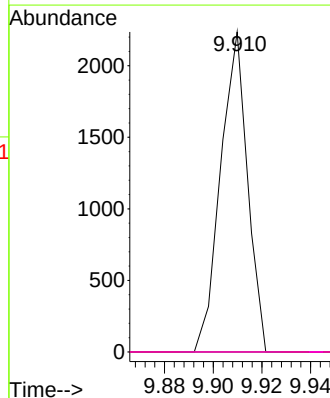
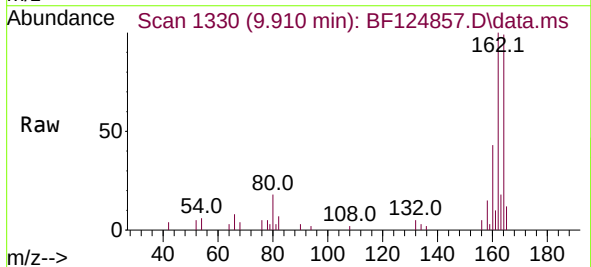
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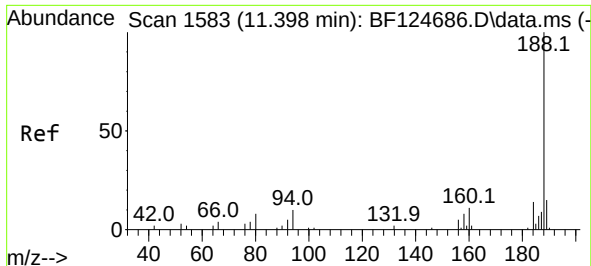
Tgt Ion:165 Resp: 1719
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.97 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124857.D
Acq: 29 Jul 2021 18:21

Tgt Ion:165 Resp: 1719
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

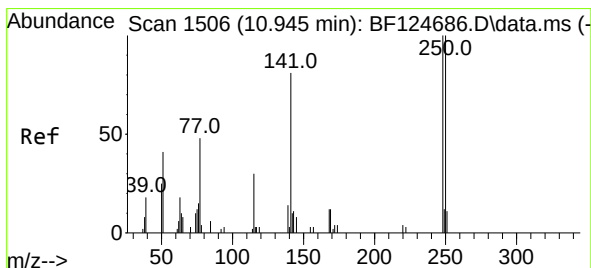
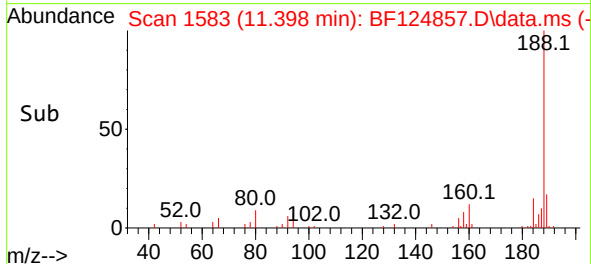
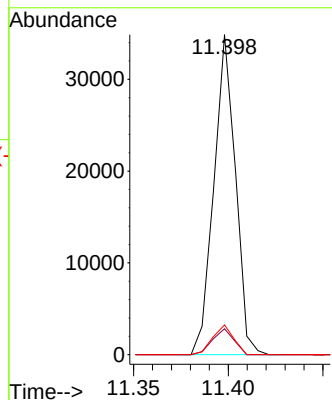
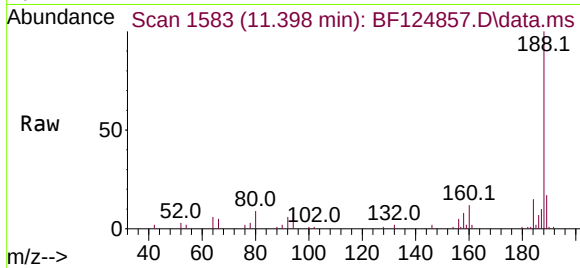




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF124857.D
Acq: 29 Jul 2021 18:21

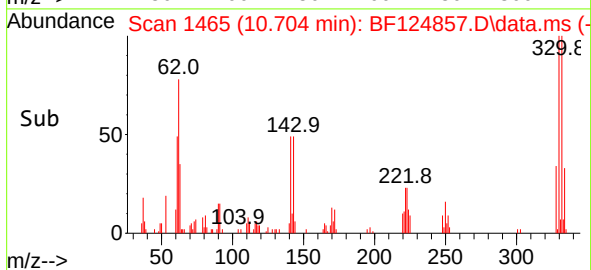
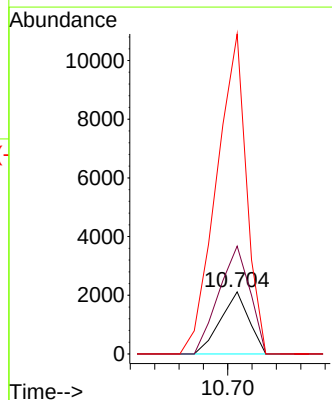
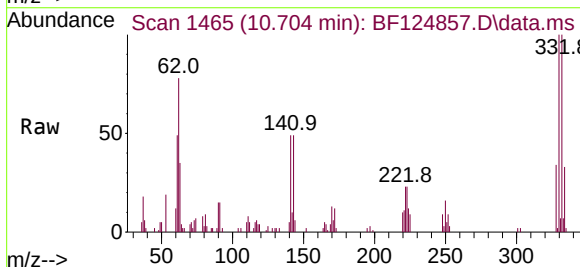
Instrument :
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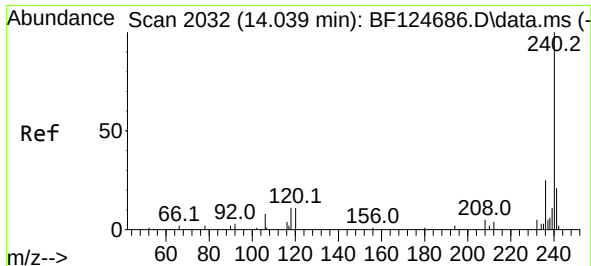
Tgt Ion:188	Resp:	27570
Ion Ratio	Lower	Upper
188	100	
94	8.1	6.7 10.1
80	9.3	7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 5.86 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.241 min
Lab File: BF124857.D
Acq: 29 Jul 2021 18:21

Tgt Ion:248	Resp:	1714
Ion Ratio	Lower	Upper
248	100	
250	173.6	74.2 111.4#
141	515.1	60.4 90.6#

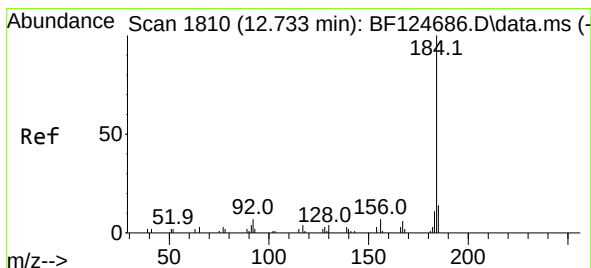
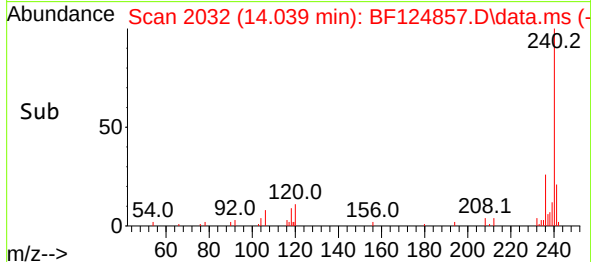
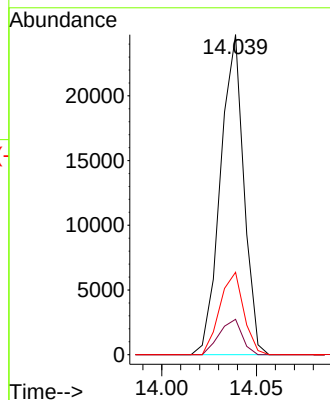
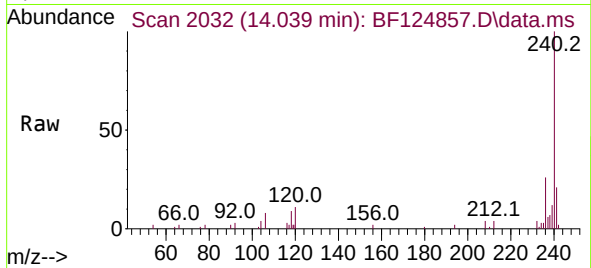




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF124857.D
Acq: 29 Jul 2021 18:21

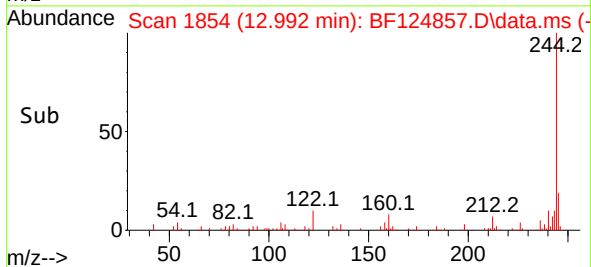
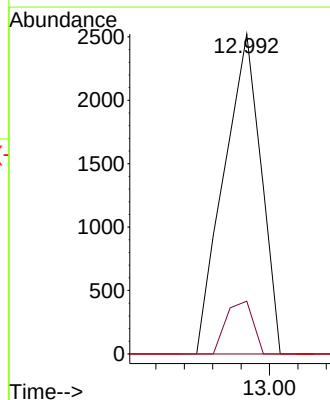
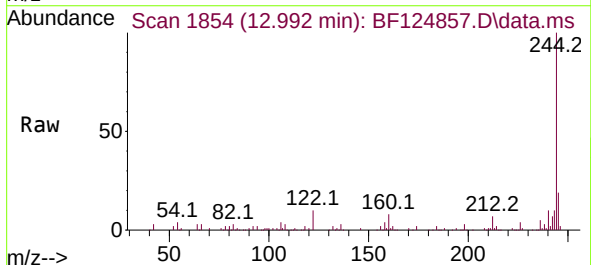
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ClientSampleId :
SPLP-LEACHATE-AMENDED-COM-

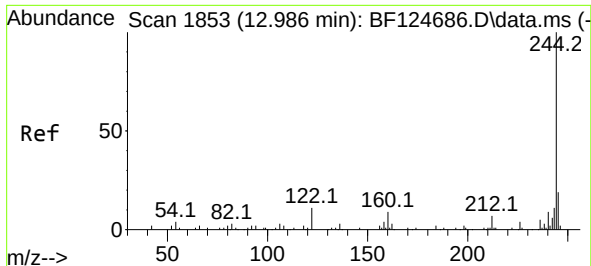
Tgt Ion:240 Resp: 21205
Ion Ratio Lower Upper
240 100
120 11.1 10.8 16.2
236 25.7 21.6 32.4



#77
Benzidine
Concen: 3.83 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.259 min
Lab File: BF124857.D
Acq: 29 Jul 2021 18:21

Tgt Ion:184 Resp: 2293
Ion Ratio Lower Upper
184 100
185 16.5 10.8 16.2#
183 0.0 8.1 12.1#

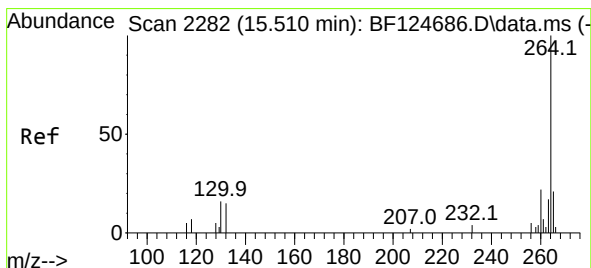
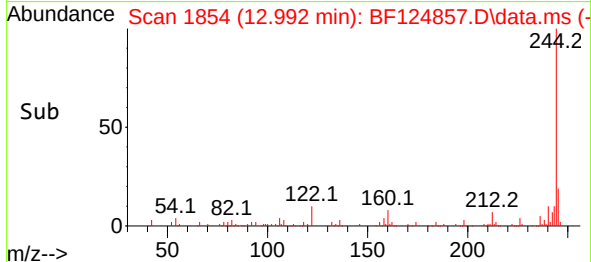
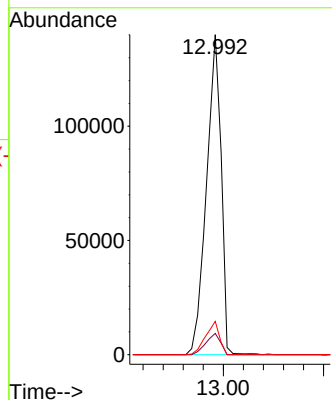
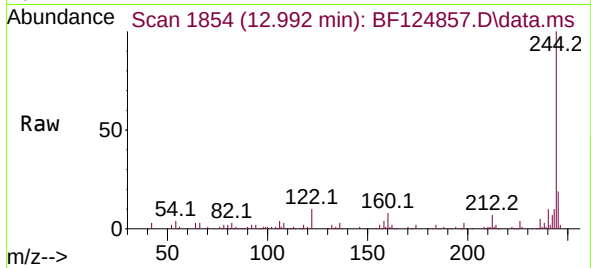




#79
 Terphenyl-d14
 Concen: 115.13 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. 0.006 min
 Lab File: BF124857.D
 Acq: 29 Jul 2021 18:21

Instrument :
 BNA_F
 ClientSampleId :
 SPLP-LEACHATE-AMENDED-COM-

Tgt Ion:244 Resp: 142427
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.9 8.9
 122 10.4 9.0 13.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. 0.006 min
 Lab File: BF124857.D
 Acq: 29 Jul 2021 18:21

Tgt Ion:264 Resp: 16734
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.6 29.4
 265 19.3 17.2 25.8

