

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080221\
 Data File : BF124901.D
 Acq On : 2 Aug 2021 11:27
 Operator : JU/CG
 Sample : M3216-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Aug 02 11:59:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 02 11:15:51 2021
 Response via : Initial Calibration

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

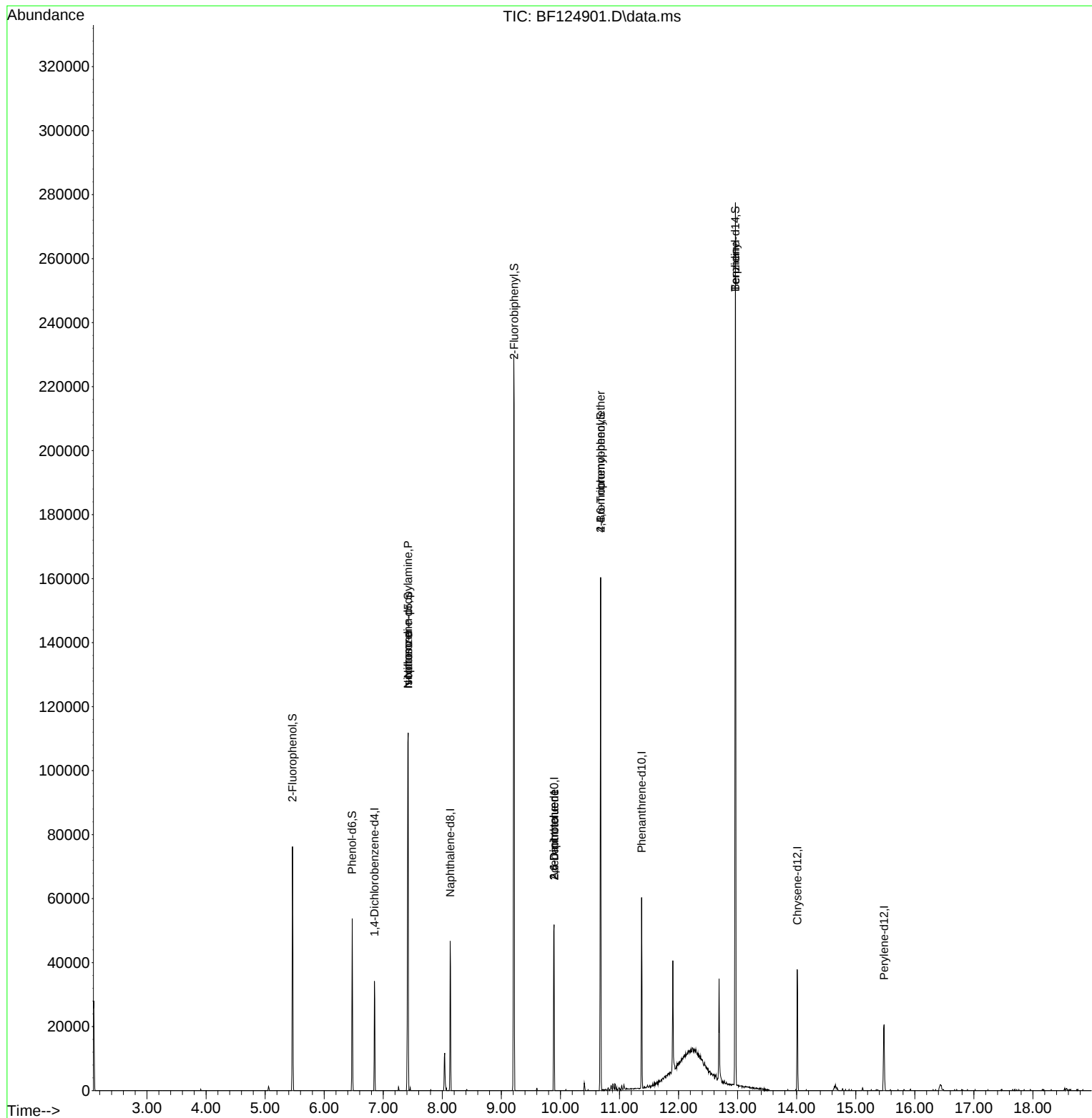
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	5170	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	19988	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	11134	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	20832	20.000	ng	0.00
76) Chrysene-d12	14.010	240	14488	20.000	ng	-0.01
86) Perylene-d12	15.480	264	11150	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	18426	60.345	ng	-0.01
7) Phenol-d6	6.475	99	13820	36.103	ng	-0.01
23) Nitrobenzene-d5	7.422	82	37077	110.403	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	14957	156.460	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	73089	96.416	ng	0.00
79) Terphenyl-d14	12.963	244	88732	104.983	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.422	70	5088	24.891	ng	# 63
25) Isophorone	7.422	82	37075	62.434	ng	# 59
51) 2,6-Dinitrotoluene	9.892	165	1489	8.791	ng	# 26
57) 2,4-Dinitrotoluene	9.892	165	1489	6.478	ng	# 18
67) 4-Bromophenyl-phenylether	10.680	248	1347	6.097	ng	# 1
77) Benzidine	12.963	184	1297	3.175	ng	# 69

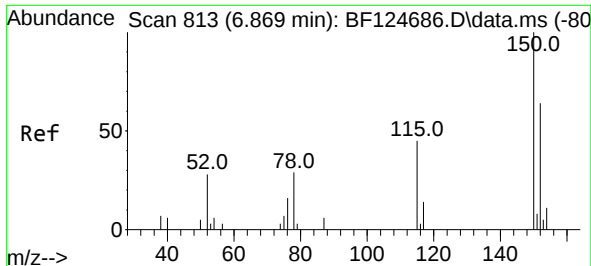
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 02 11:15:51 2021
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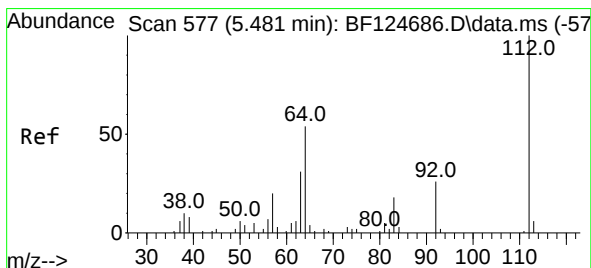
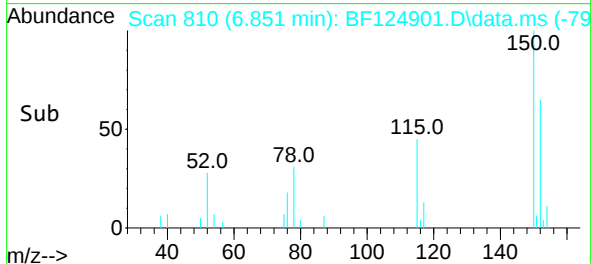
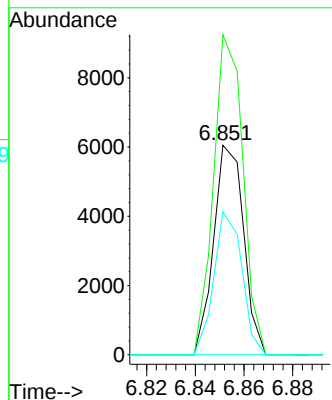
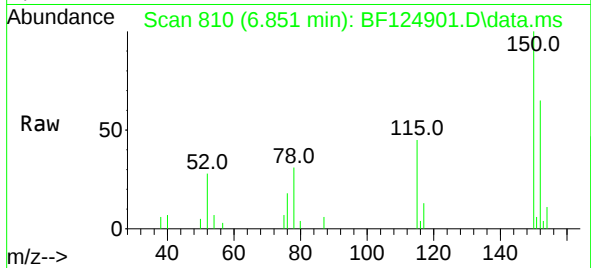




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF124901.D
Acq: 2 Aug 2021 11:27

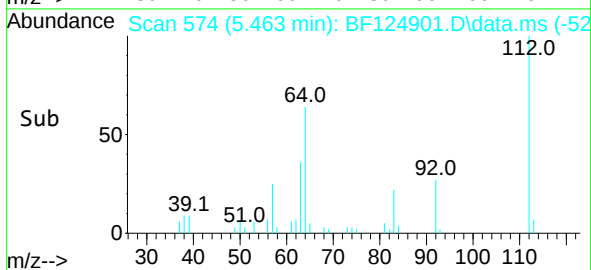
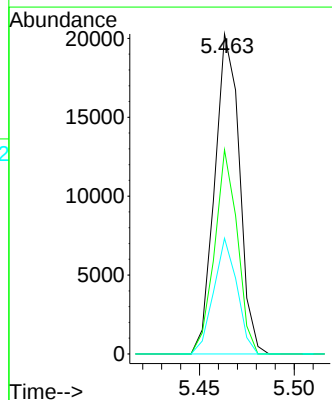
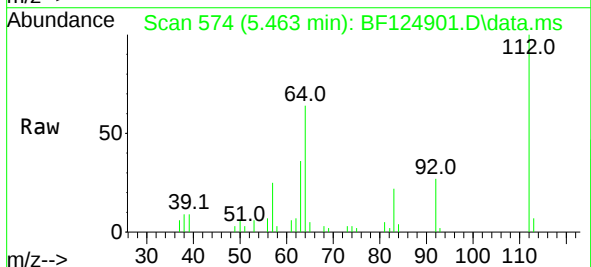
Instrument :
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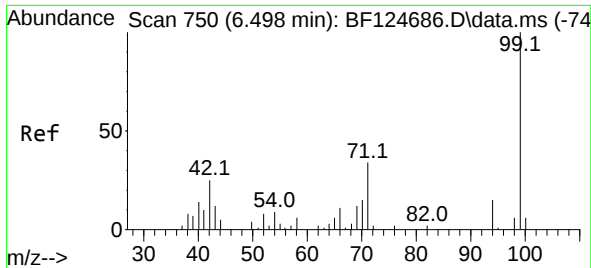
Tgt Ion:152 Resp: 5170
Ion Ratio Lower Upper
152 100
150 152.7 117.6 176.4
115 68.2 47.1 70.7



#5
2-Fluorophenol
Concen: 60.345 ng
RT: 5.463 min Scan# 574
Delta R.T. -0.012 min
Lab File: BF124901.D
Acq: 2 Aug 2021 11:27

Tgt Ion:112 Resp: 18426
Ion Ratio Lower Upper
112 100
64 63.8 44.2 66.2
63 36.1 26.2 39.2

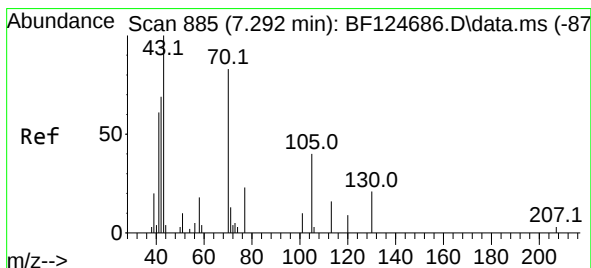
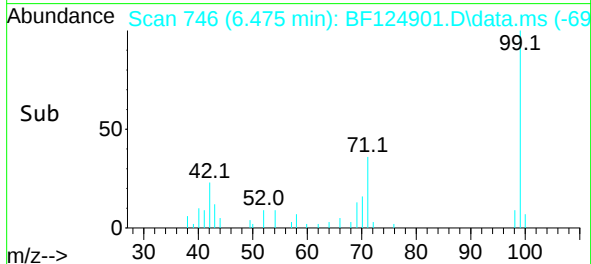
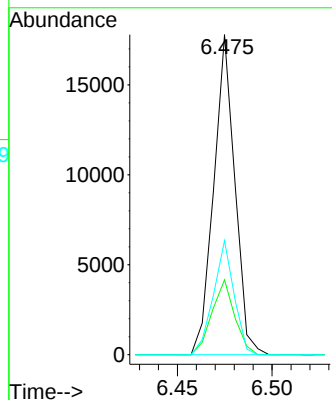
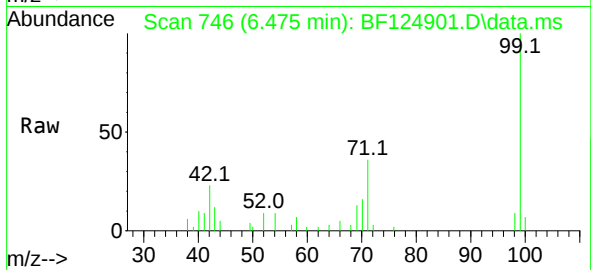




#7
Phenol-d6
Concen: 36.103 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.012 min
Lab File: BF124901.D
Acq: 2 Aug 2021 11:27

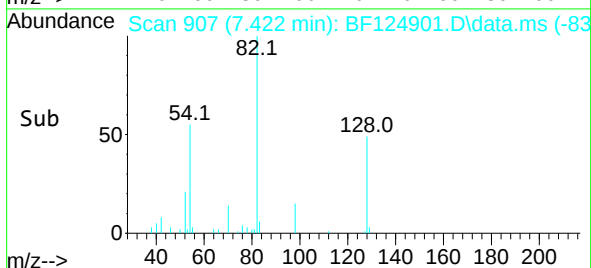
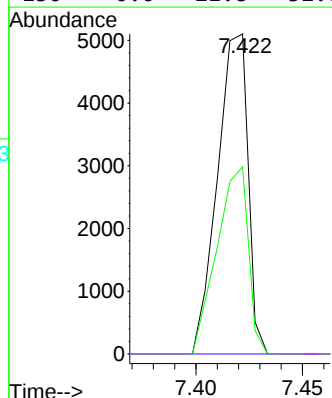
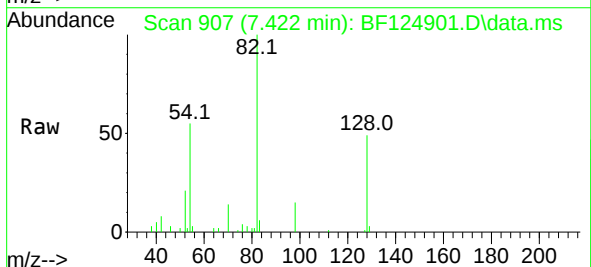
Instrument :
BNA_F
ClientSampleId :
SPLP-LEACHATE-AMENDED-COM-

Tgt Ion: 99 Resp: 13820
Ion Ratio Lower Upper
99 100
42 23.4 23.5 35.3#
71 35.7 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 24.891 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.147 min
Lab File: BF124901.D
Acq: 2 Aug 2021 11:27

Tgt Ion: 70 Resp: 5088
Ion Ratio Lower Upper
70 100
42 58.4 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

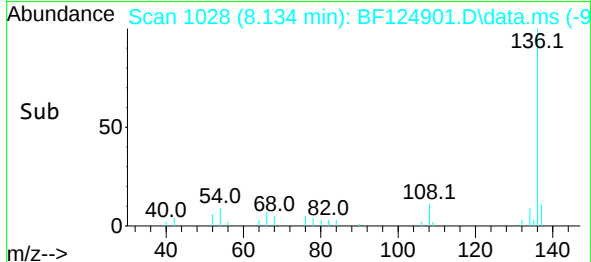
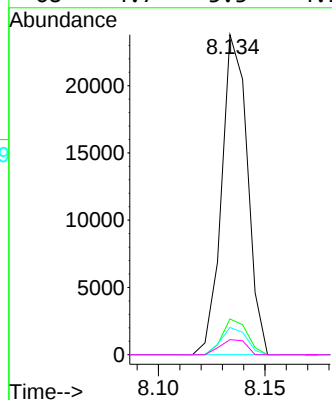
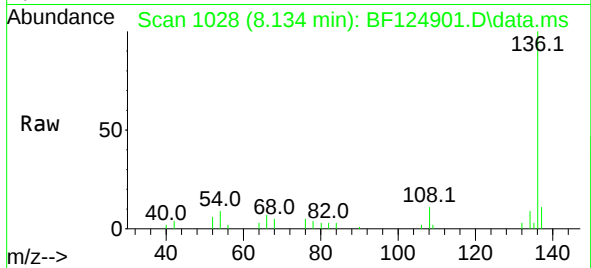




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF124901.D
Acq: 2 Aug 2021 11:27

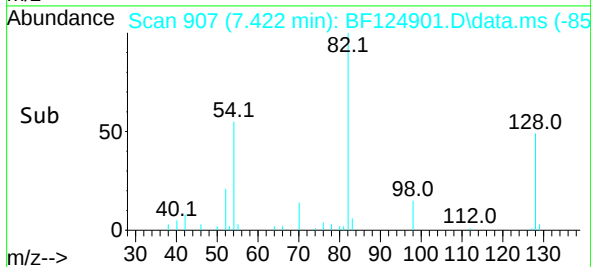
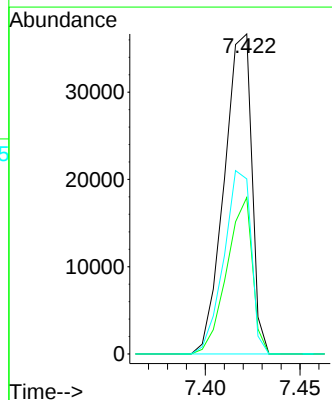
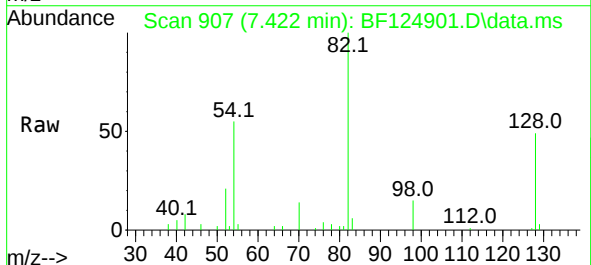
Instrument :
BNA_F
ClientSampleId :
SPLP-LEACHATE-AMENDED-COM-

Tgt Ion:	136	Resp:	19988
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.8	14.6
54	8.5	6.4	9.6
68	4.7	3.3	4.9



#23
Nitrobenzene-d5
Concen: 110.403 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF124901.D
Acq: 2 Aug 2021 11:27

Tgt Ion:	82	Resp:	37077
Ion Ratio	Lower	Upper	
82	100		
128	48.9	40.6	60.8
54	54.7	49.6	74.4

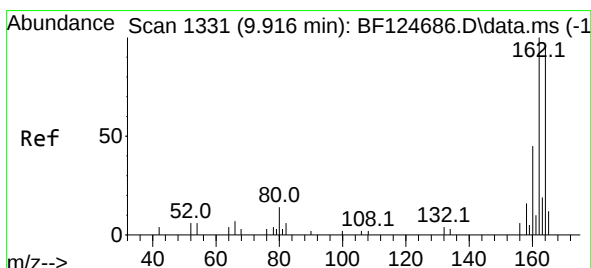
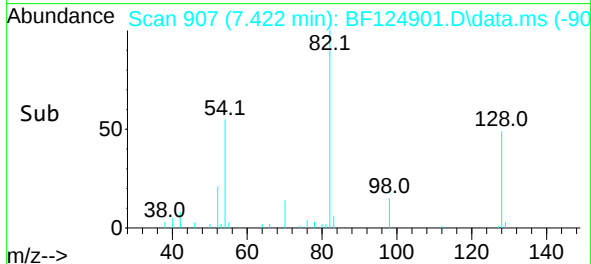
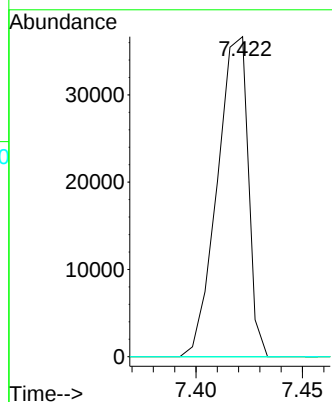
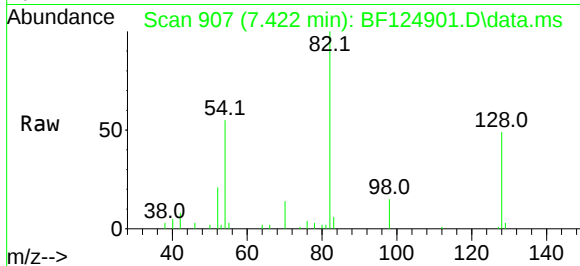




#25
Isophorone
Concen: 62.434 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.259 min
Lab File: BF124901.D
Acq: 2 Aug 2021 11:27

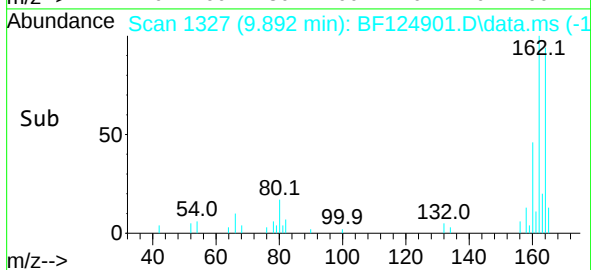
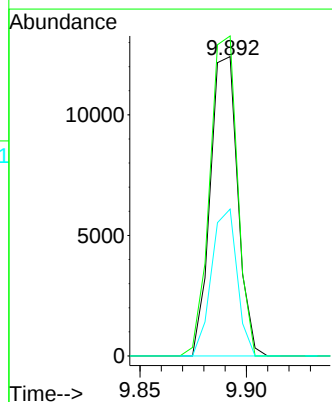
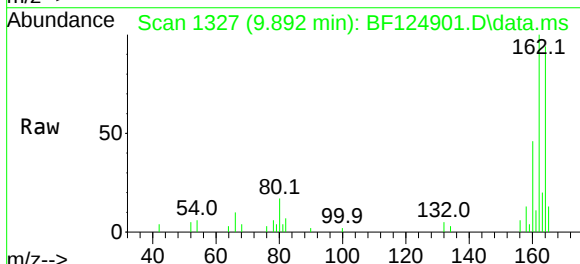
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ClientSampleId :
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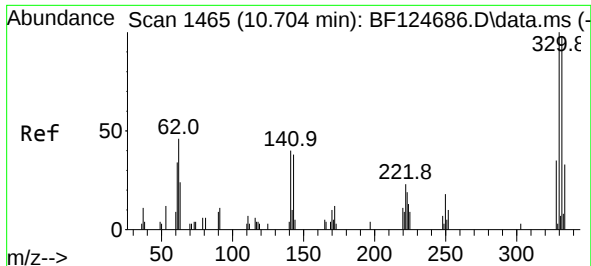
Tgt Ion: 82 Resp: 37075
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF124901.D
Acq: 2 Aug 2021 11:27

Tgt Ion: 164 Resp: 11134
Ion Ratio Lower Upper
164 100
162 106.9 81.3 121.9
160 49.0 38.0 57.0

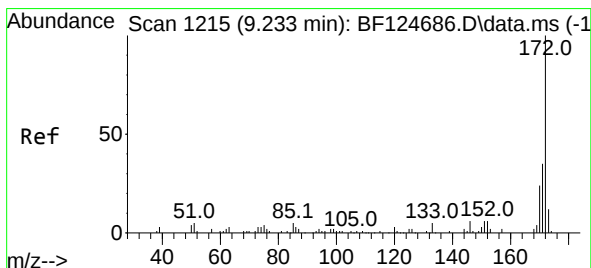
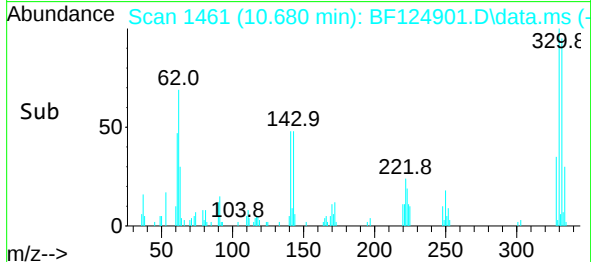
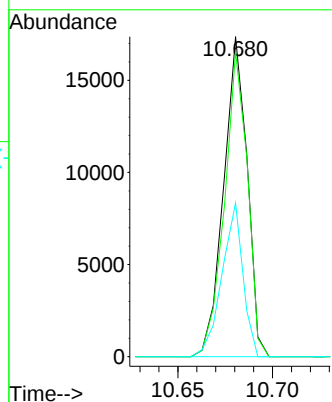
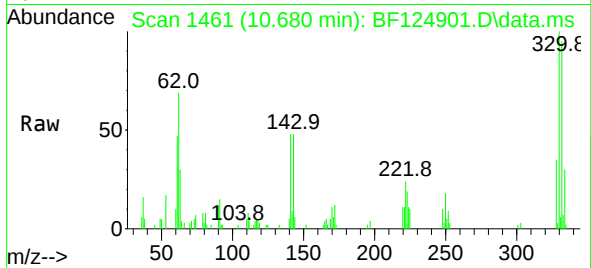




#42
2,4,6-Tribromophenol
Concen: 156.460 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF124901.D
Acq: 2 Aug 2021 11:27

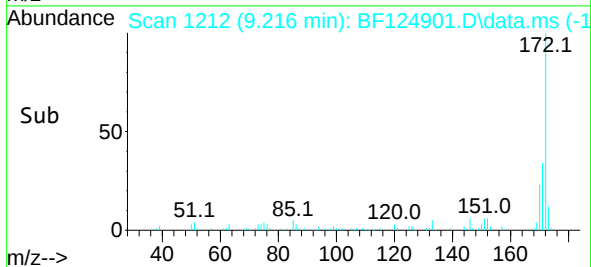
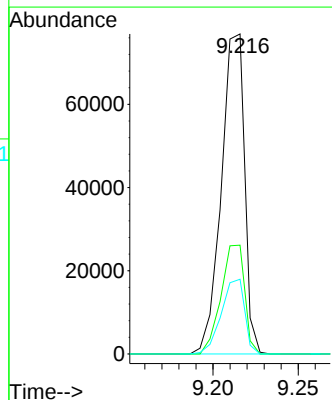
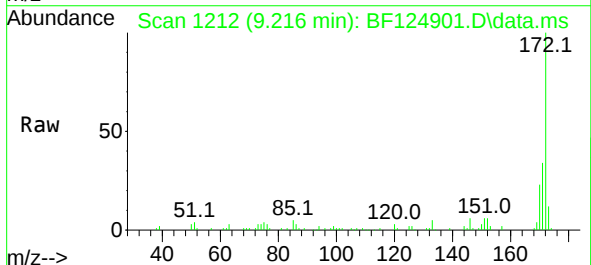
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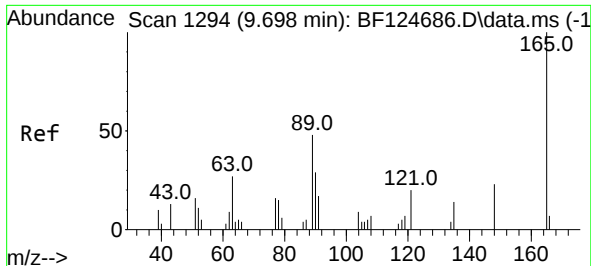
Tgt Ion:330 Resp: 14957
Ion Ratio Lower Upper
330 100
332 93.5 76.2 114.4
141 43.0 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 96.416 ng
RT: 9.216 min Scan# 1212
Delta R.T. 0.000 min
Lab File: BF124901.D
Acq: 2 Aug 2021 11:27

Tgt Ion:172 Resp: 73089
Ion Ratio Lower Upper
172 100
171 34.0 26.5 39.7
170 23.4 18.8 28.2

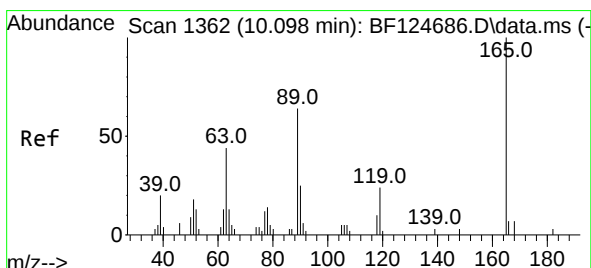
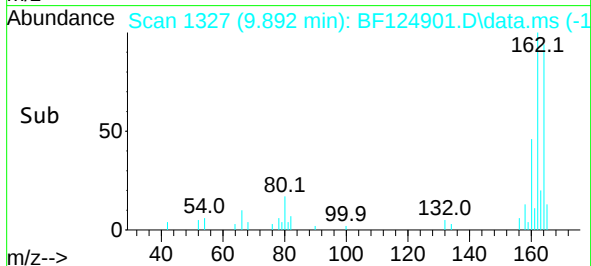
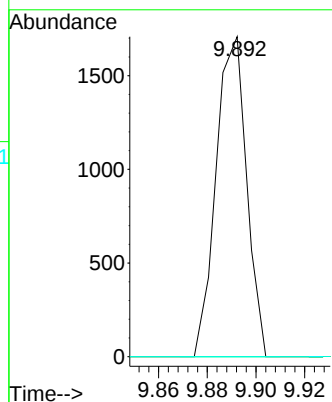
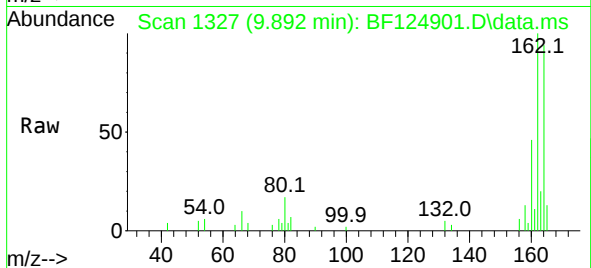




#51
2,6-Dinitrotoluene
Concen: 8.791 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.212 min
Lab File: BF124901.D
Acq: 2 Aug 2021 11:27

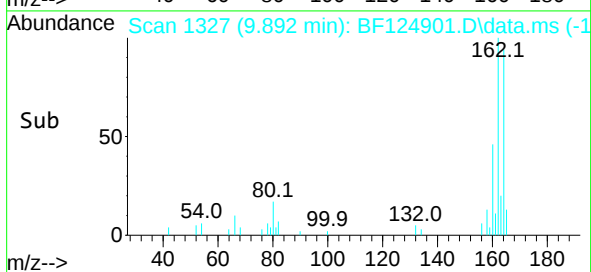
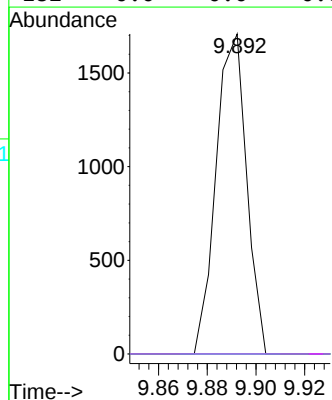
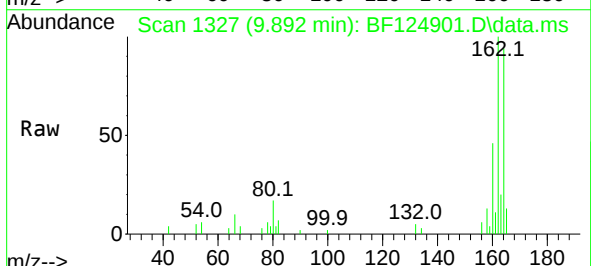
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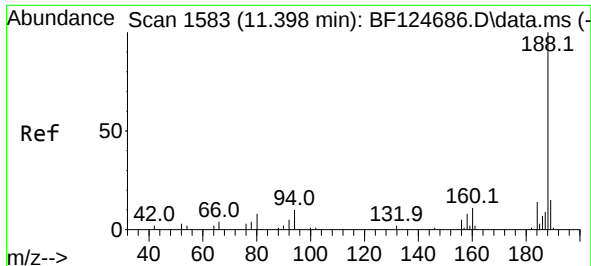
Tgt Ion:165 Resp: 1489
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.478 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.188 min
Lab File: BF124901.D
Acq: 2 Aug 2021 11:27

Tgt Ion:165 Resp: 1489
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

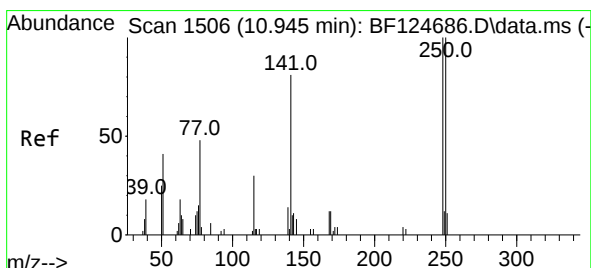
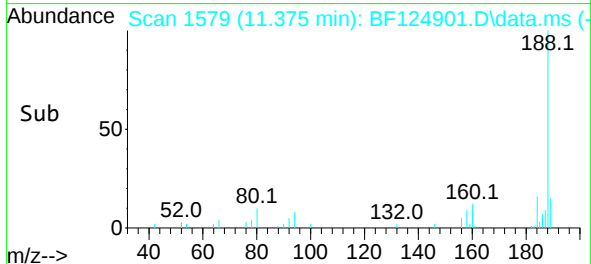
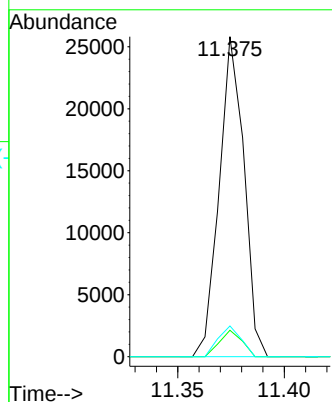
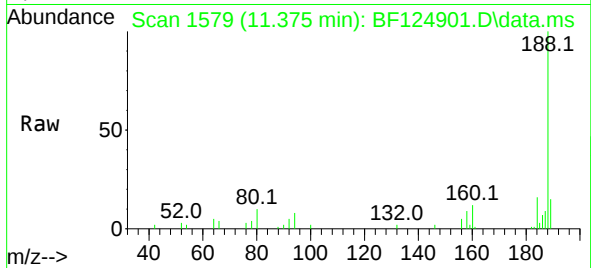




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF124901.D
Acq: 2 Aug 2021 11:27

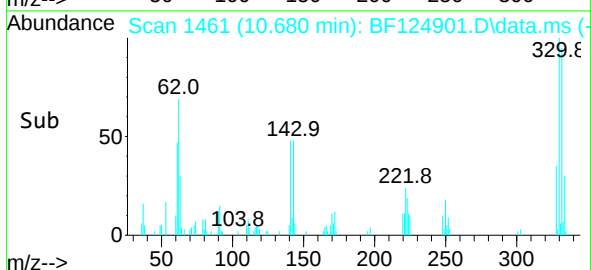
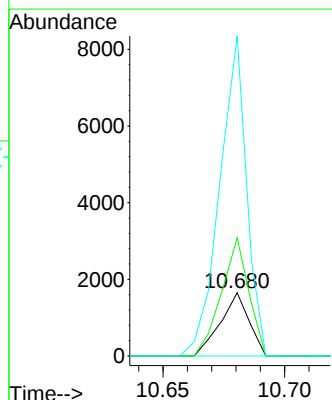
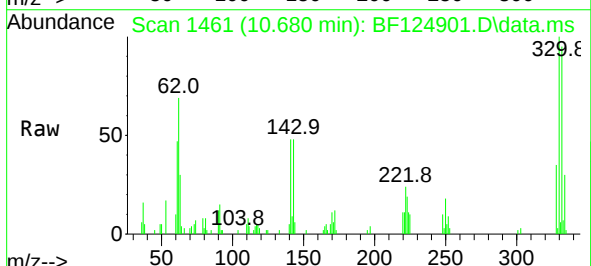
Instrument :
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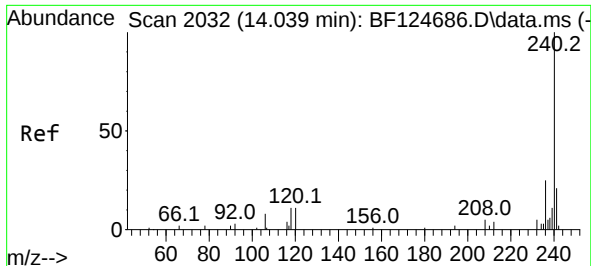
Tgt Ion:188 Resp: 20832
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 9.6 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 6.097 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.241 min
Lab File: BF124901.D
Acq: 2 Aug 2021 11:27

Tgt Ion:248 Resp: 1347
Ion Ratio Lower Upper
248 100
250 186.8 74.2 111.4#
141 506.0 60.4 90.6#

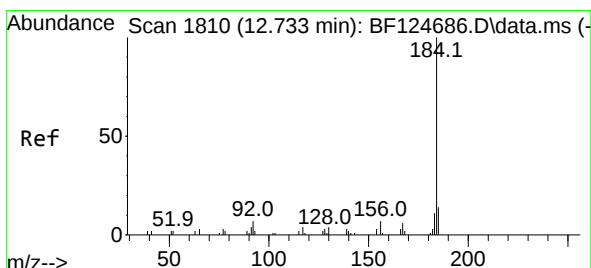
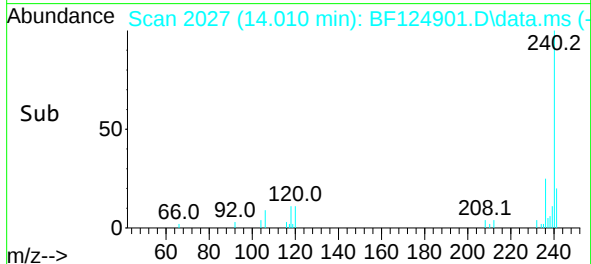
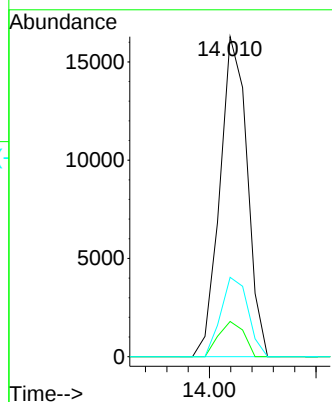
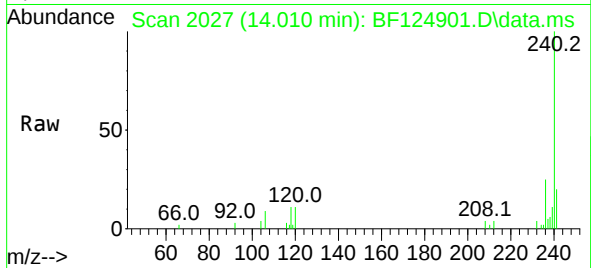




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF124901.D
Acq: 2 Aug 2021 11:27

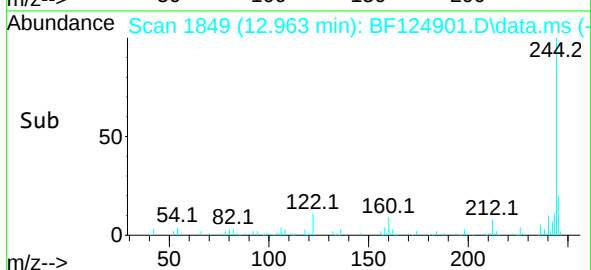
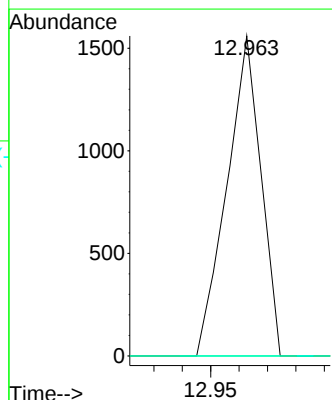
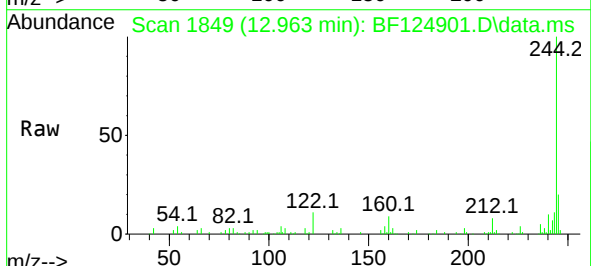
Instrument :
BNA_F
ClientSampleId :
SPLP-LEACHATE-AMENDED-COM-

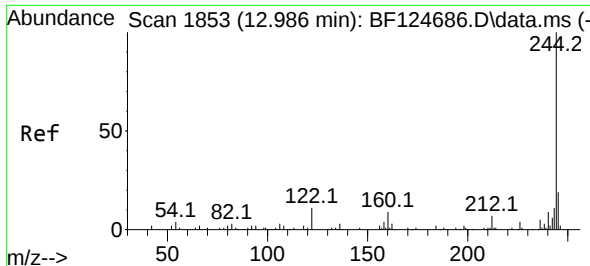
Tgt Ion:240 Resp: 14488
Ion Ratio Lower Upper
240 100
120 11.0 10.8 16.2
236 24.8 21.6 32.4



#77
Benzidine
Concen: 3.175 ng
RT: 12.963 min Scan# 1849
Delta R.T. 0.253 min
Lab File: BF124901.D
Acq: 2 Aug 2021 11:27

Tgt Ion:184 Resp: 1297
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#

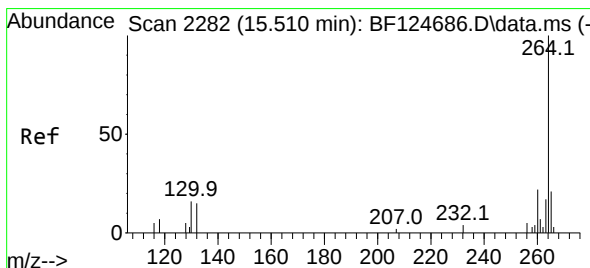
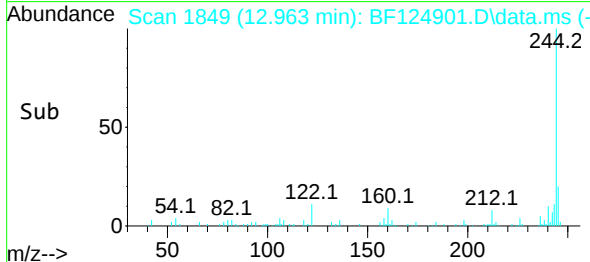
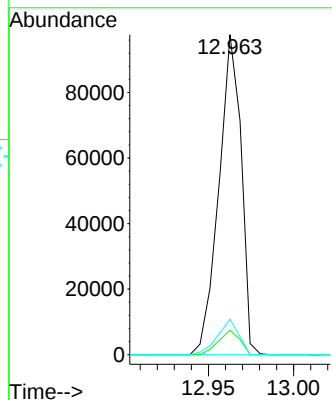
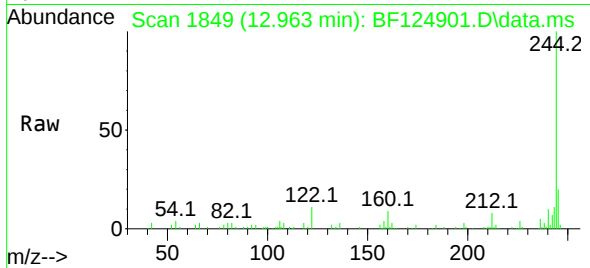




#79
Terphenyl-d14
Concen: 104.983 ng
RT: 12.963 min Scan# 1849
Delta R.T. 0.000 min
Lab File: BF124901.D
Acq: 2 Aug 2021 11:27

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

Tgt Ion:244 Resp: 88732
Ion Ratio Lower Upper
244 100
212 7.7 5.9 8.9
122 11.1 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 2277
Delta R.T. 0.000 min
Lab File: BF124901.D
Acq: 2 Aug 2021 11:27

Tgt Ion:264 Resp: 11150
Ion Ratio Lower Upper
264 100
260 22.1 19.6 29.4
265 19.7 17.2 25.8

