

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

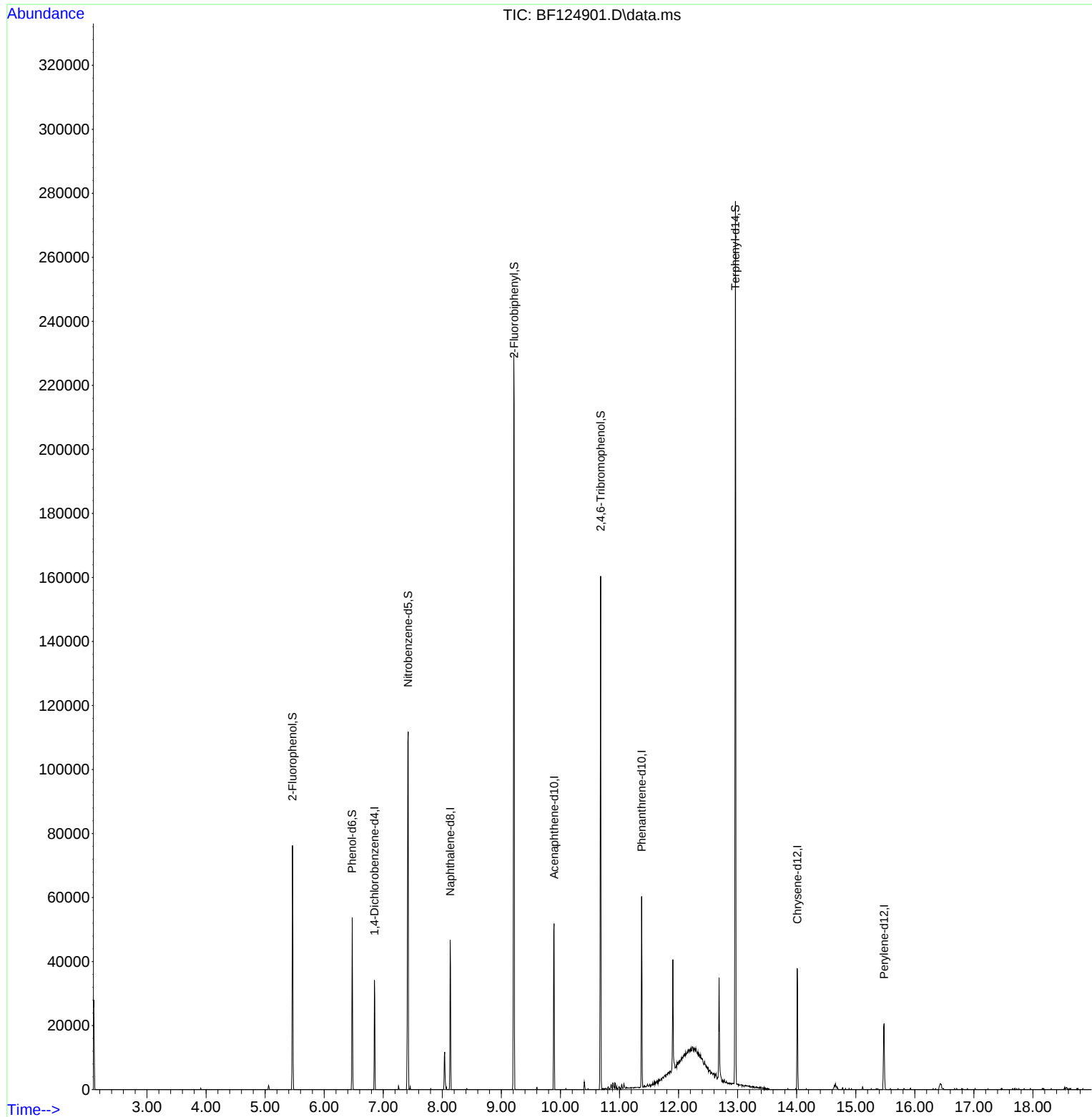
Target Compounds	Qvalue

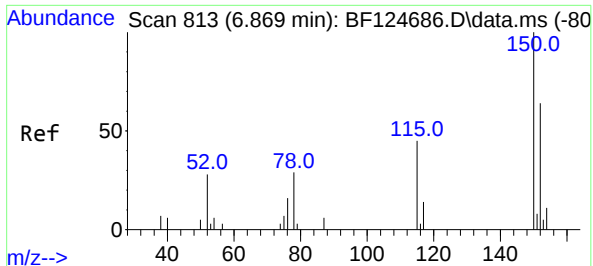
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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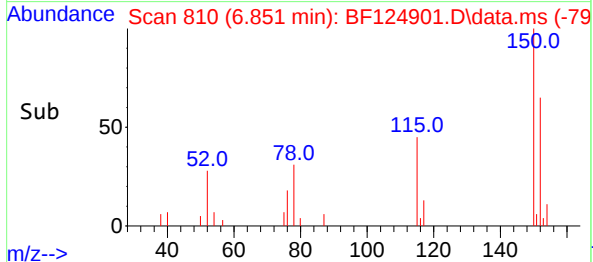
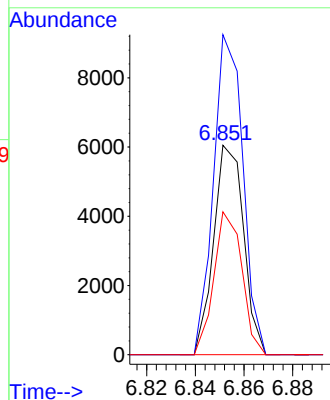
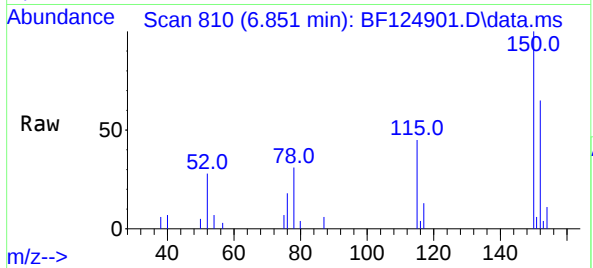




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF124901.D
Acq: 2 Aug 2021 11:27

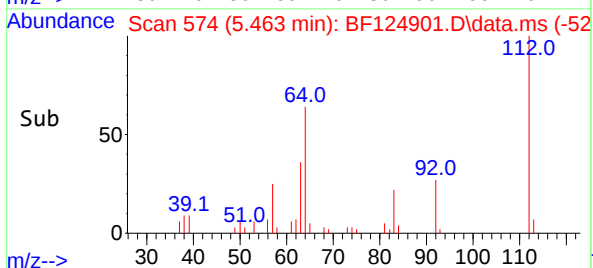
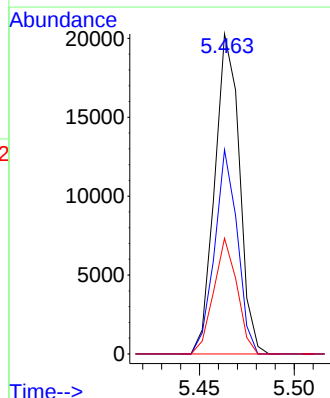
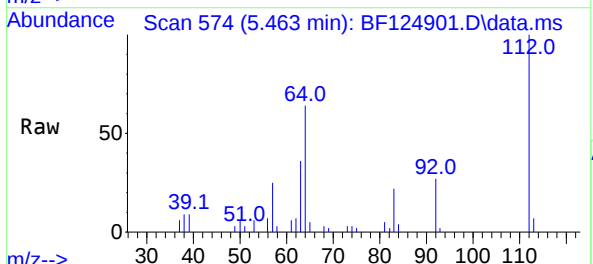
Instrument :
BNA_F
ClientSampleId :
SPLP-LEACHATE-AMENDED-COM-

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

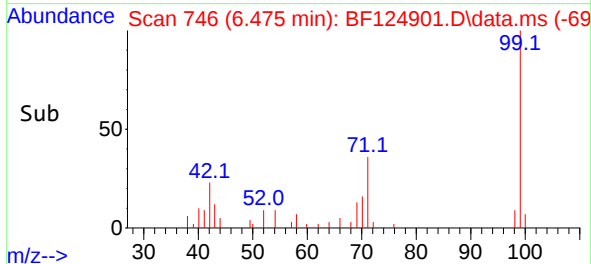
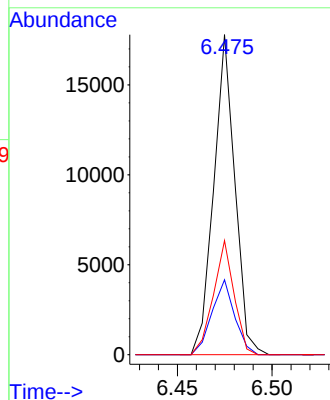
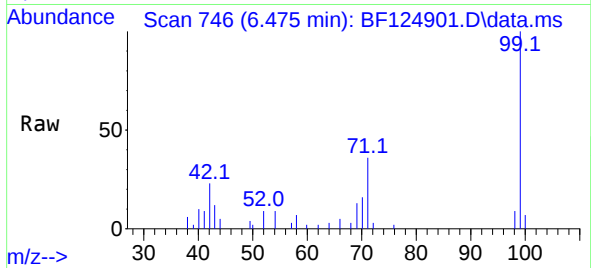




#7
Phenol-d6
Concen: 36.103 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.012 min
Lab File: BF124901.D
Acq: 2 Aug 2021 11:27

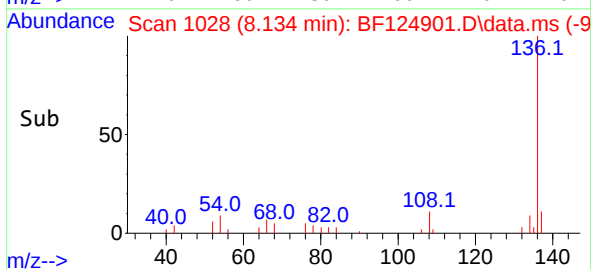
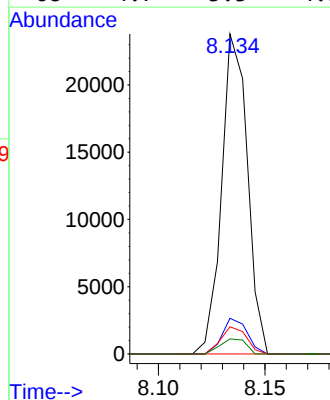
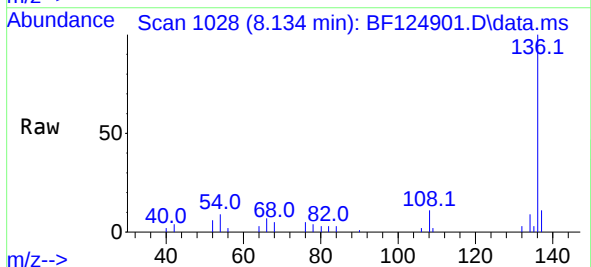
Instrument :
BNA_F
ClientSampleId :
SPLP-LEACHATE-AMENDED-COM-

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



#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

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

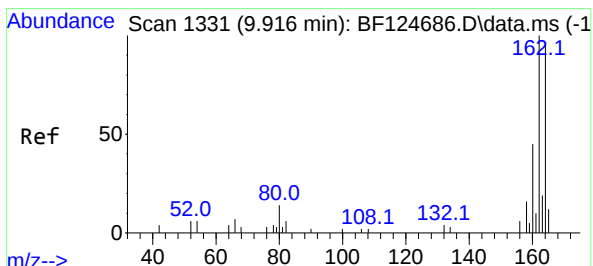
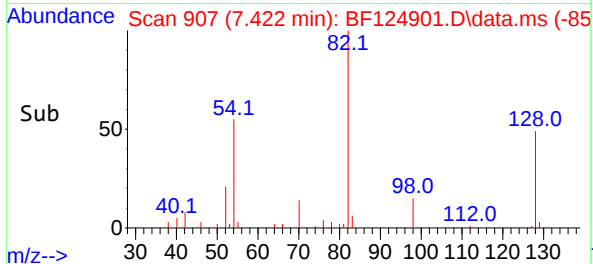
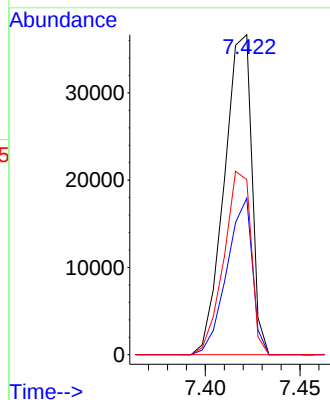
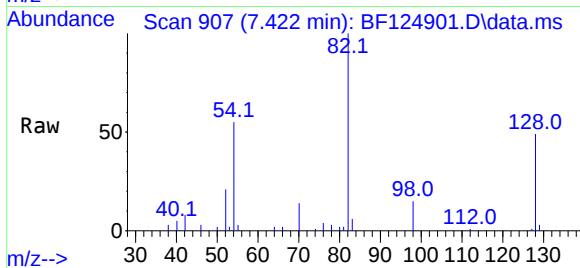
Tgt Ion: 82 Resp: 37077

Ion Ratio Lower Upper

82 100

128 48.9 40.6 60.8

54 54.7 49.6 74.4



#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

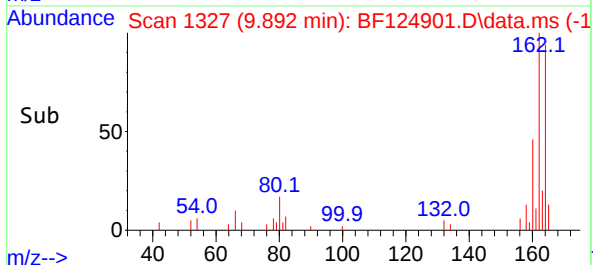
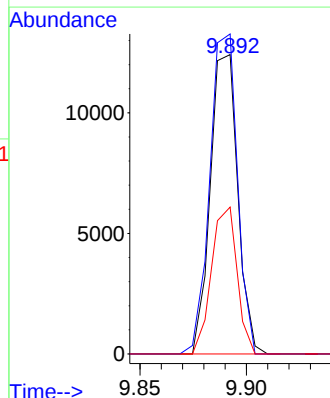
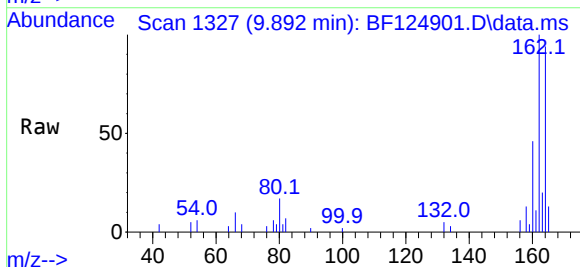
Tgt Ion:164 Resp: 11134

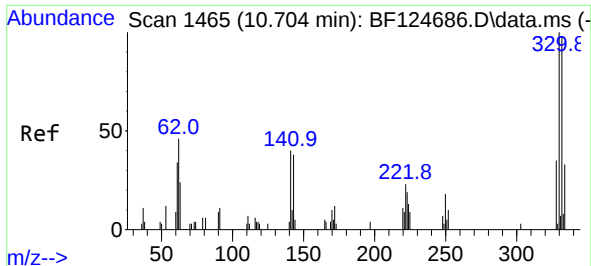
Ion Ratio Lower Upper

164 100

162 106.9 81.3 121.9

160 49.0 38.0 57.0

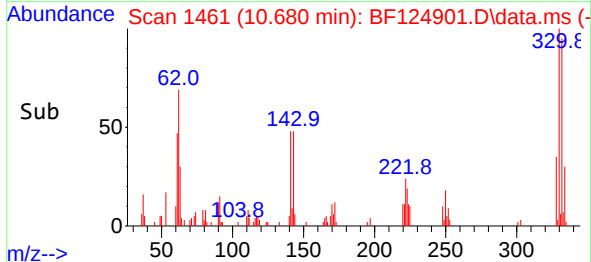
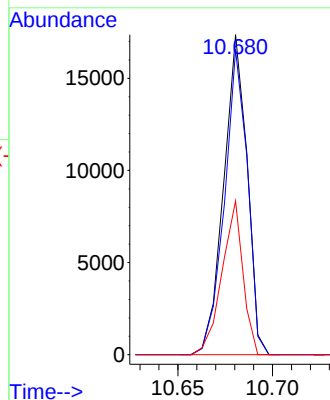
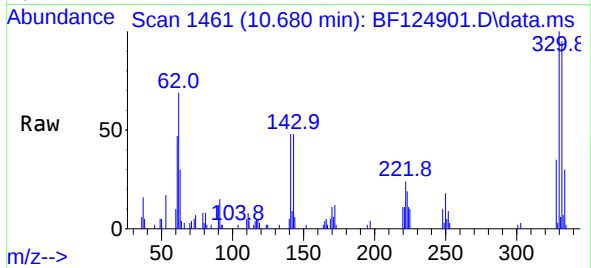




#42
2,4,6-Tribromophenol
Concen: 156.460 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF124901.D
Acq: 2 Aug 2021 11:27

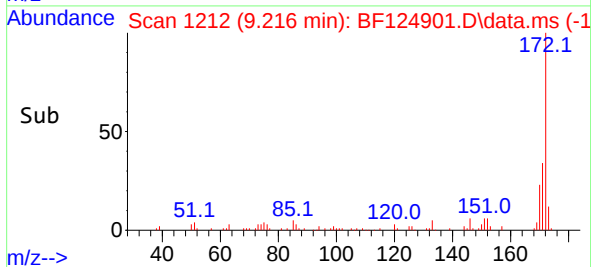
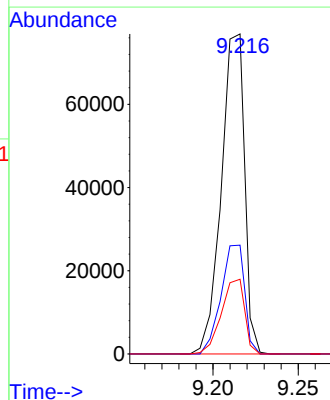
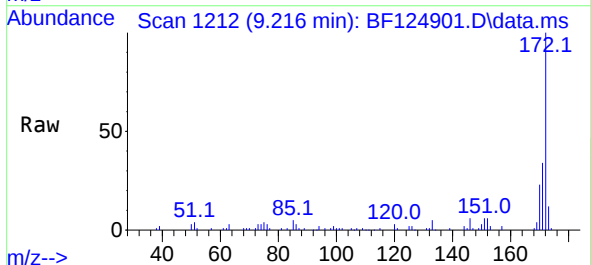
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Tgt Ion:330 Resp: 14957
Ion Ratio Lower Upper
330 100
332 93.5 76.2 114.4
141 43.0 44.6 66.8#



#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

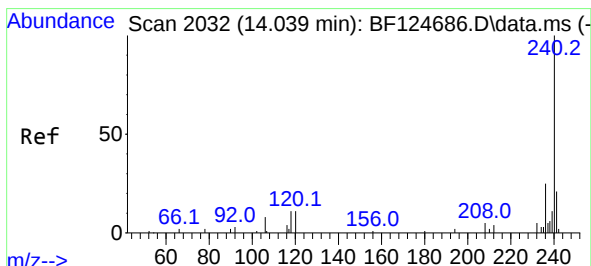
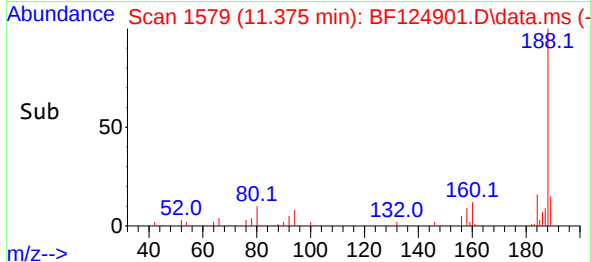
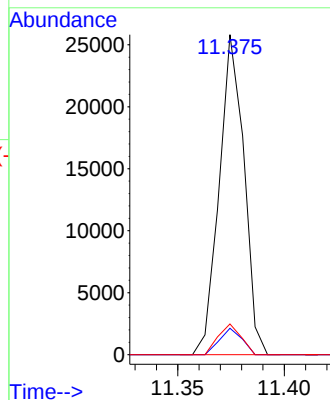
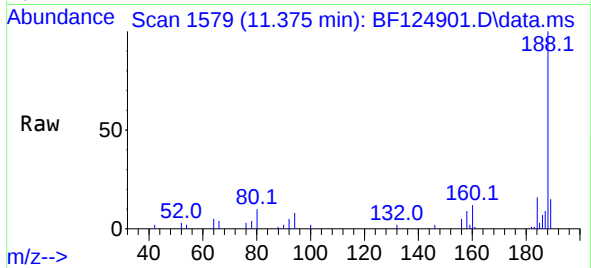




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF124901.D
Acq: 2 Aug 2021 11:27

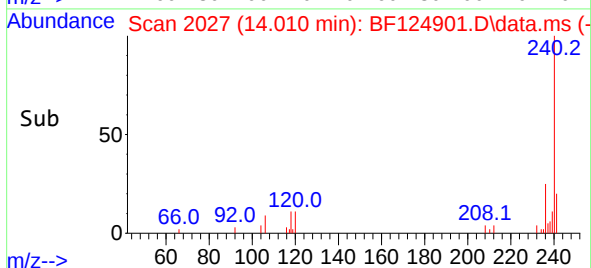
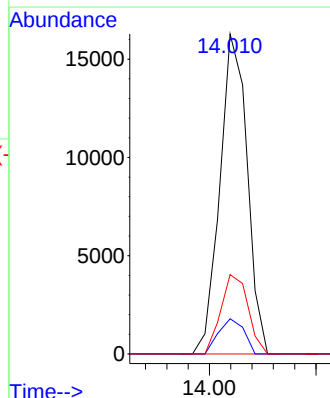
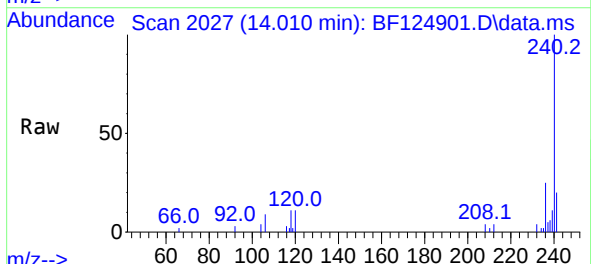
Instrument :
BNA_F
ClientSampleId :
SPLP-LEACHATE-AMENDED-COM-

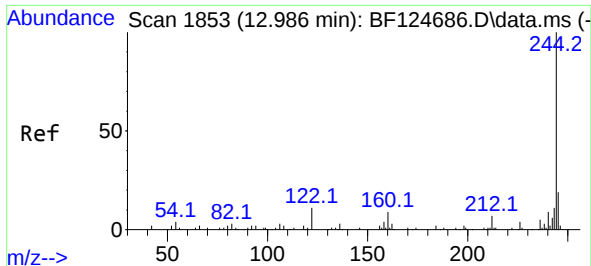
Tgt Ion:188 Resp: 20832
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 9.6 7.5 11.3



#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

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

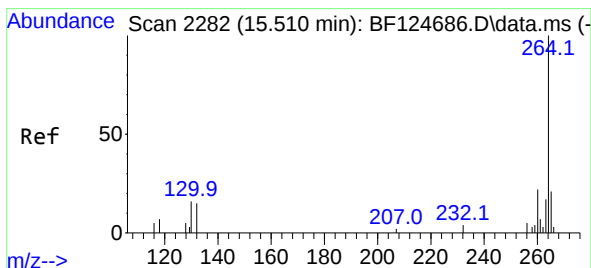
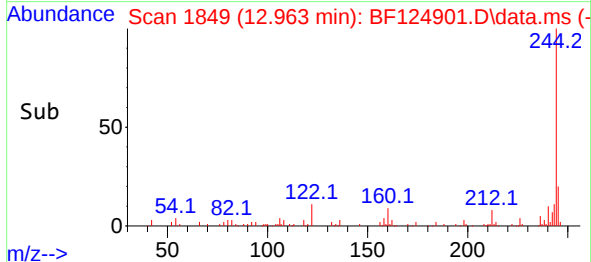
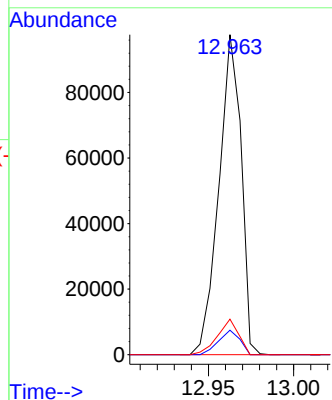
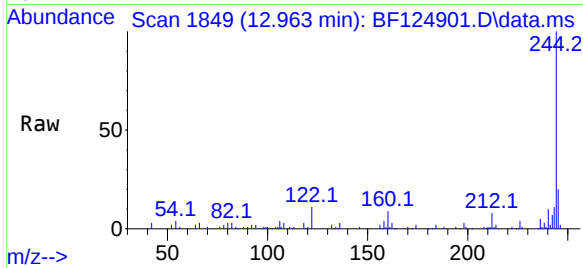




#79
Terphenyl-d14
Concen: 104.983 ng
RT: 12.963 min Scan# 1849
Delta R.T. 0.000 min
Lab File: BF124901.D
Acq: 2 Aug 2021 11:27

Instrument :
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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

