

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
 Data File : BF124779.D
 Acq On : 26 Jul 2021 23:13
 Operator : JU/CG
 Sample : M3148-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SI-2-EXCA-SOIL

Quant Time: Jul 27 04:26:53 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)

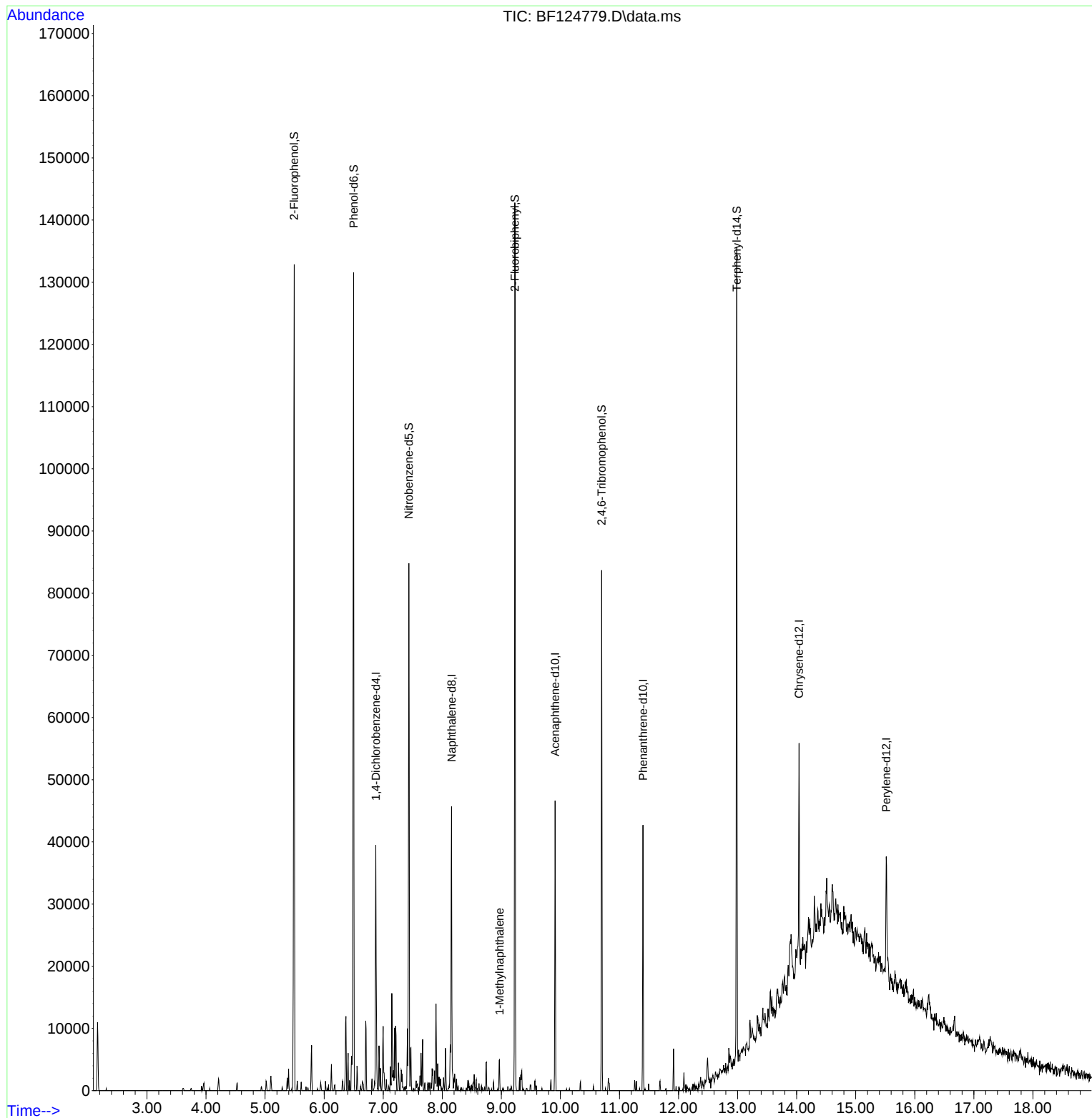
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	5184	20.000	ng	# 0.00
21) Naphthalene-d8	8.157	136	19199	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	9419	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	15346	20.000	ng	0.00
76) Chrysene-d12	14.039	240	12722	20.000	ng	0.00
86) Perylene-d12	15.515	264	9367	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	33771	110.300	ng	0.01
7) Phenol-d6	6.498	99	38604	100.575	ng	0.00
23) Nitrobenzene-d5	7.434	82	24071	74.621	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	7360	91.009	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	44728	69.746	ng	0.00
79) Terphenyl-d14	12.986	244	40808	54.984	ng	0.00
Target Compounds						
38) 1-Methylnaphthalene	8.969	142	1844	2.908	ng	Qvalue 88

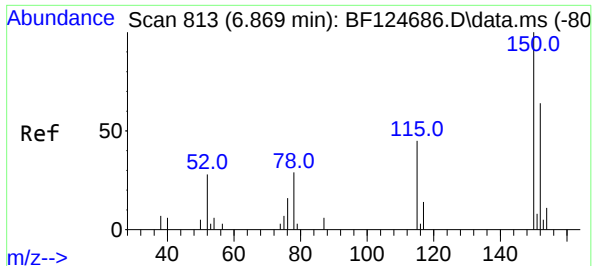
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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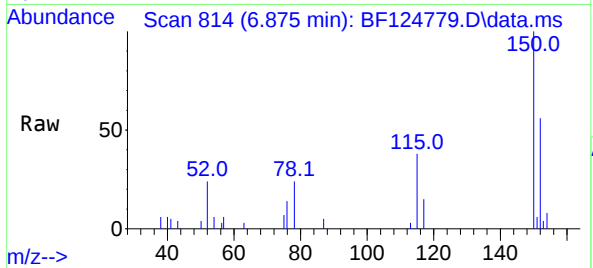
Quant Time: Jul 27 04:26:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
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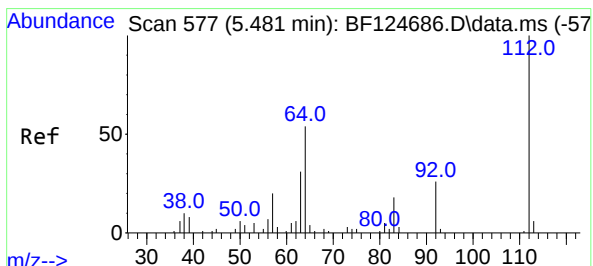
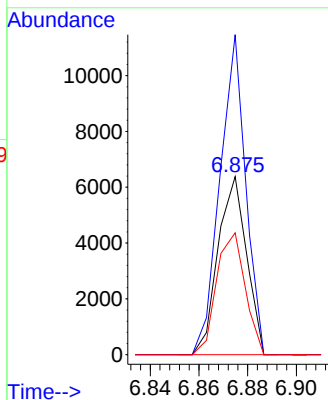
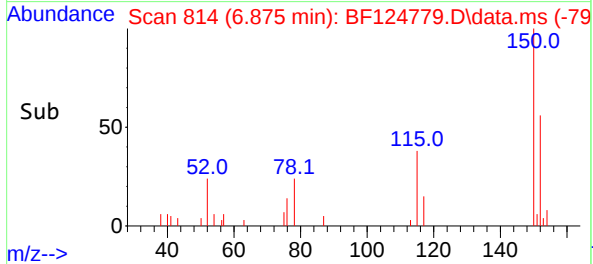


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.006 min
Lab File: BF124779.D
Acq: 26 Jul 2021 23:13

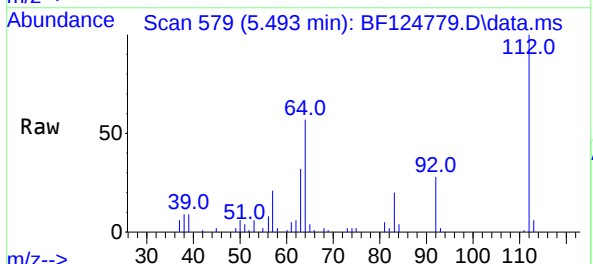
Instrument :
BNA_F
ClientSampleId :
SI-2-EXCA-SOIL



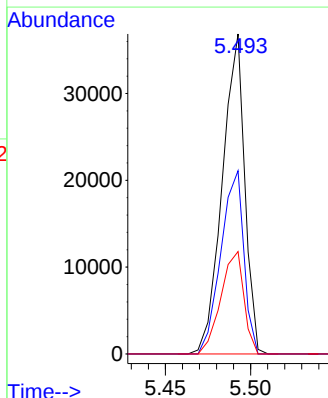
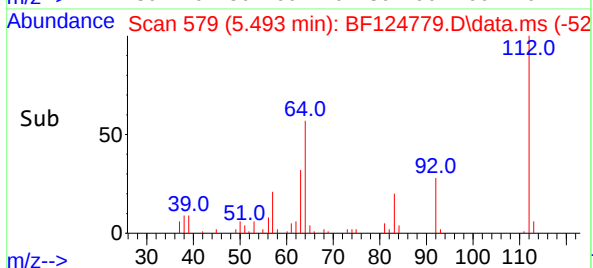
Tgt Ion:152 Resp: 5184
Ion Ratio Lower Upper
152 100
150 179.7 117.6 176.4#
115 68.4 47.1 70.7

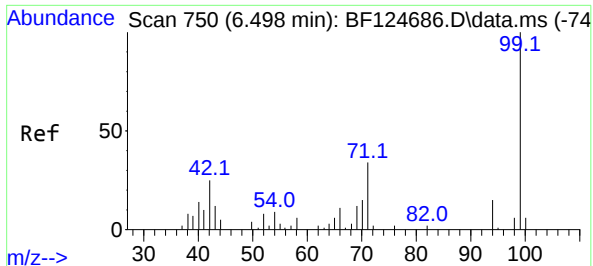


#5
2-Fluorophenol
Concen: 110.300 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF124779.D
Acq: 26 Jul 2021 23:13



Tgt Ion:112 Resp: 33771
Ion Ratio Lower Upper
112 100
64 57.2 44.2 66.2
63 32.0 26.2 39.2

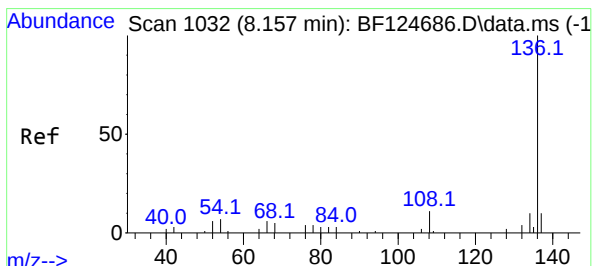
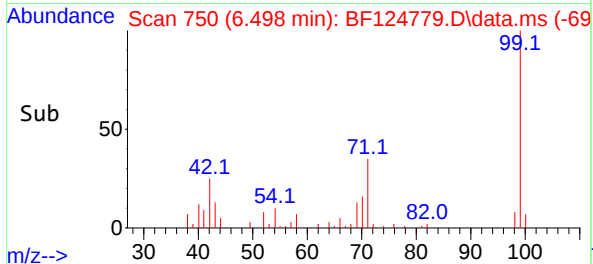
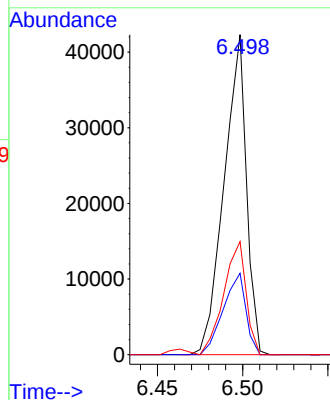
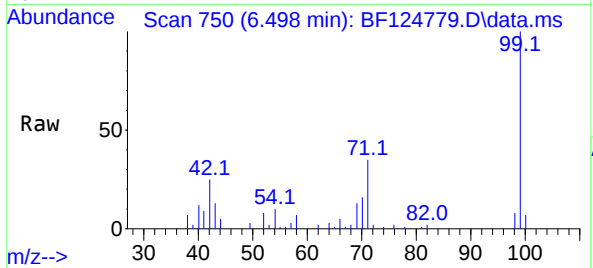




#7
Phenol-d6
Concen: 100.575 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF124779.D
Acq: 26 Jul 2021 23:13

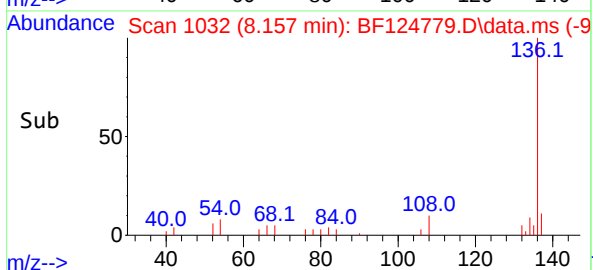
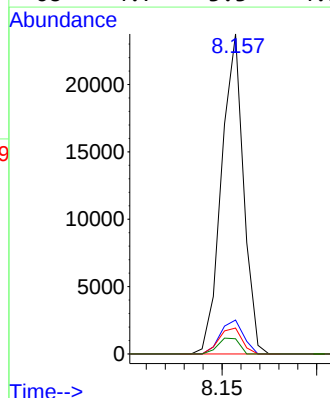
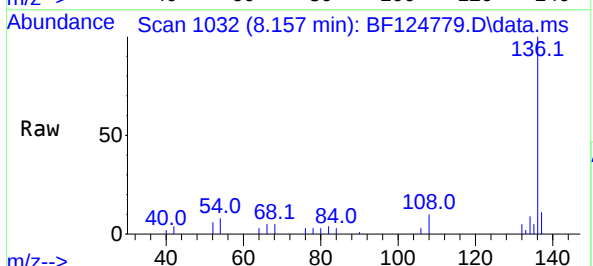
Instrument :
BNA_F
ClientSampleId :
SI-2-EXCA-SOIL

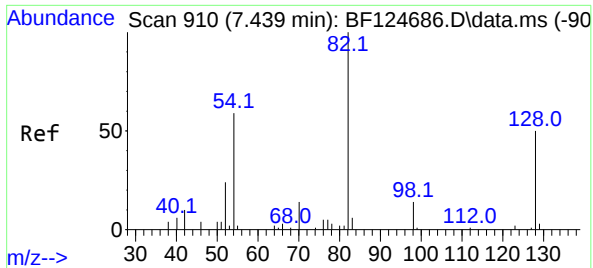
Tgt Ion: 99 Resp: 38604
Ion Ratio Lower Upper
99 100
42 25.4 23.5 35.3
71 35.3 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF124779.D
Acq: 26 Jul 2021 23:13

Tgt Ion: 136 Resp: 19199
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.6
54 8.1 6.4 9.6
68 4.7 3.3 4.9

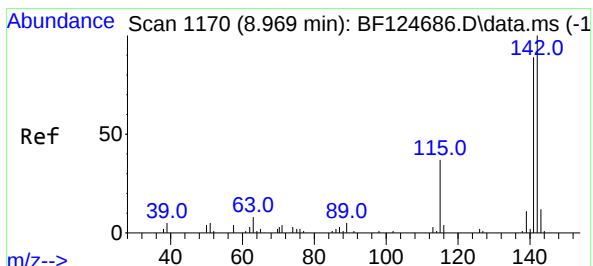
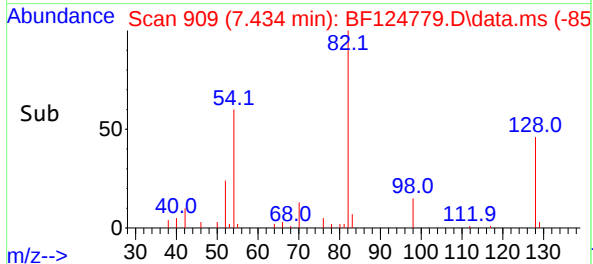
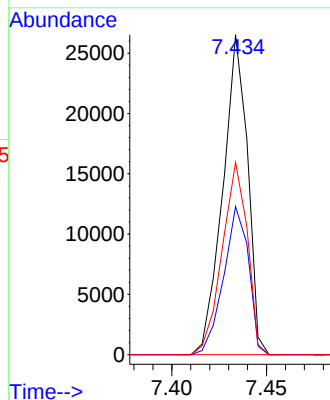
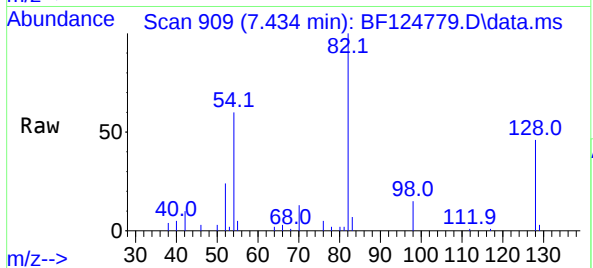




#23
Nitrobenzene-d5
Concen: 74.621 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124779.D
Acq: 26 Jul 2021 23:13

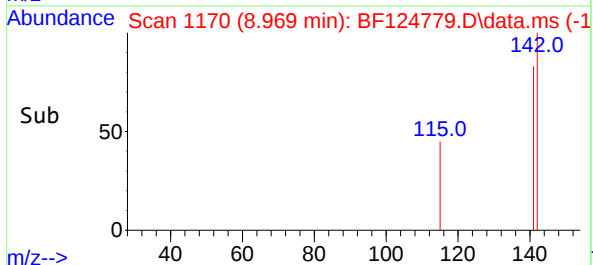
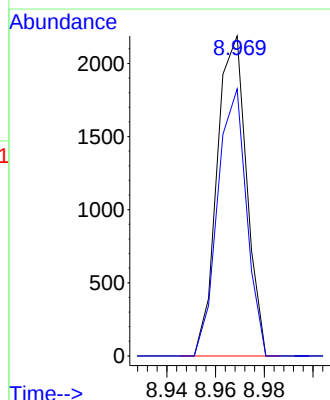
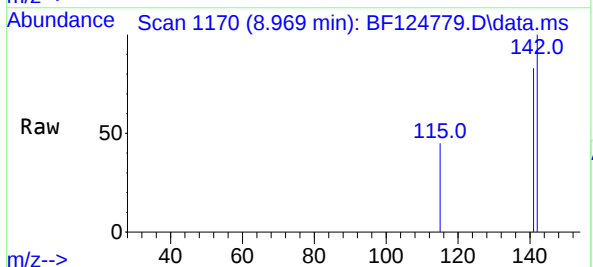
Instrument :
BNA_F
ClientSampleId :
SI-2-EXCA-SOIL

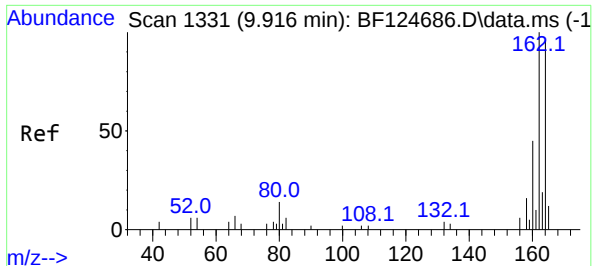
Tgt Ion: 82 Resp: 24071
Ion Ratio Lower Upper
82 100
128 46.3 40.6 60.8
54 60.1 49.6 74.4



#38
1-Methylnaphthalene
Concen: 2.908 ng
RT: 8.969 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF124779.D
Acq: 26 Jul 2021 23:13

Tgt Ion:142 Resp: 1844
Ion Ratio Lower Upper
142 100
141 83.5 76.0 114.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1330

Delta R.T. -0.006 min

Lab File: BF124779.D

Acq: 26 Jul 2021 23:13

Instrument :

BNA_F

ClientSampleId :

SI-2-EXCA-SOIL

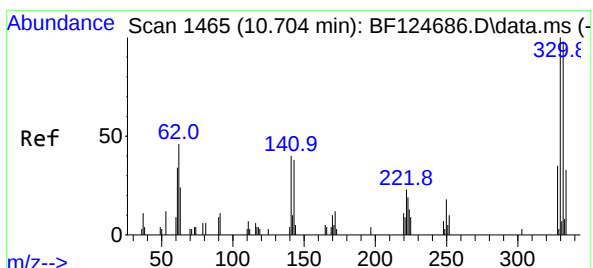
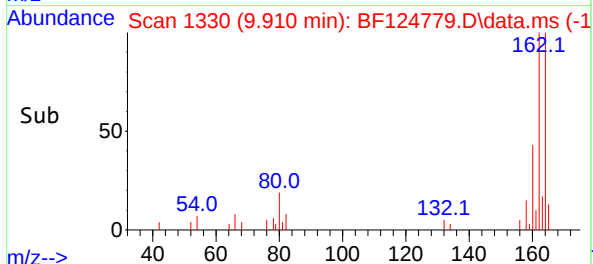
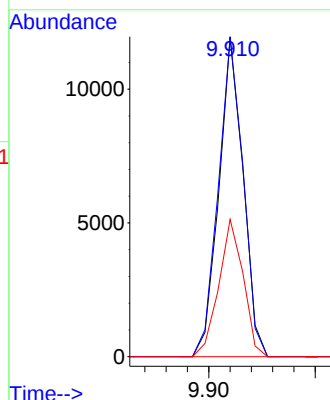
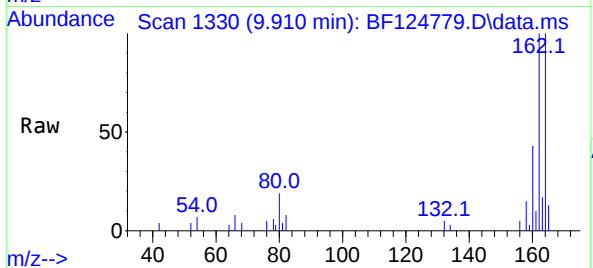
Tgt Ion:164 Resp: 9419

Ion Ratio Lower Upper

164 100

162 100.2 81.3 121.9

160 43.0 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 91.009 ng

RT: 10.698 min Scan# 1464

Delta R.T. -0.006 min

Lab File: BF124779.D

Acq: 26 Jul 2021 23:13

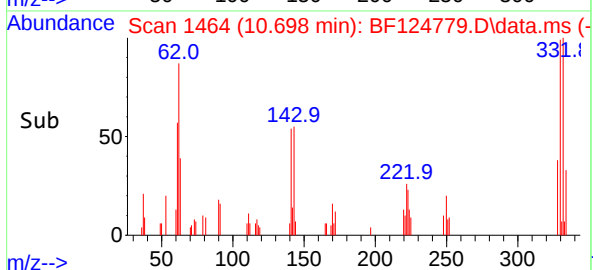
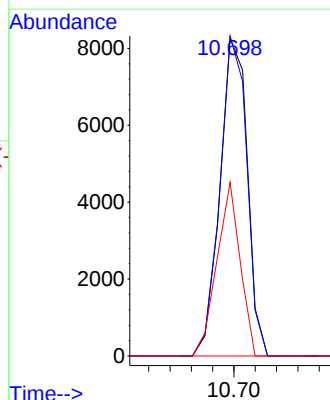
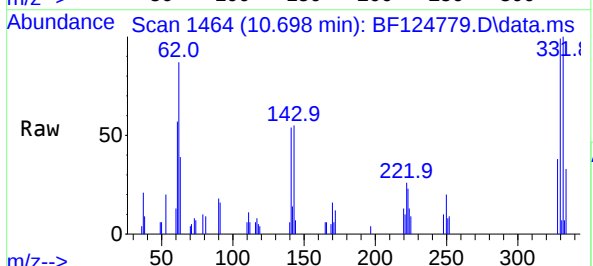
Tgt Ion:330 Resp: 7360

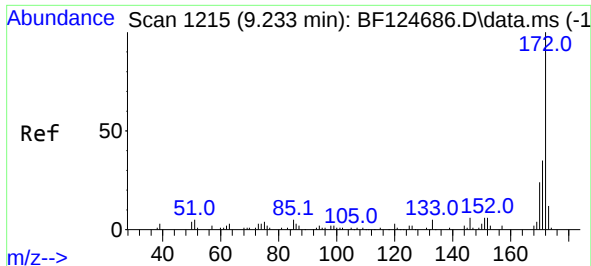
Ion Ratio Lower Upper

330 100

332 99.1 76.2 114.4

141 46.4 44.6 66.8

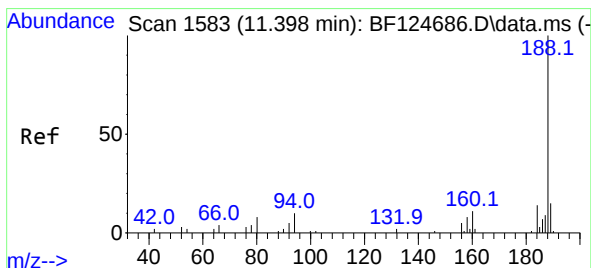
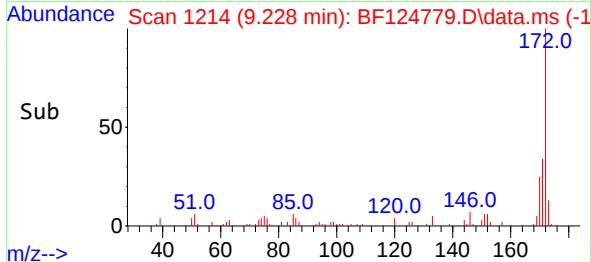
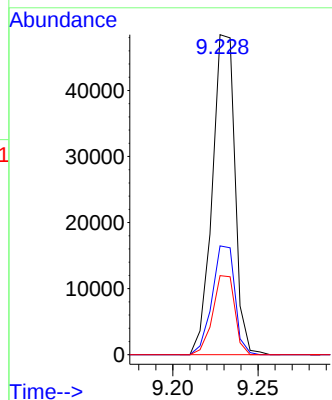
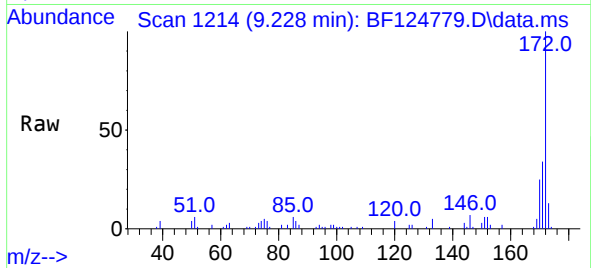




#45
2-Fluorobiphenyl
Concen: 69.746 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124779.D
Acq: 26 Jul 2021 23:13

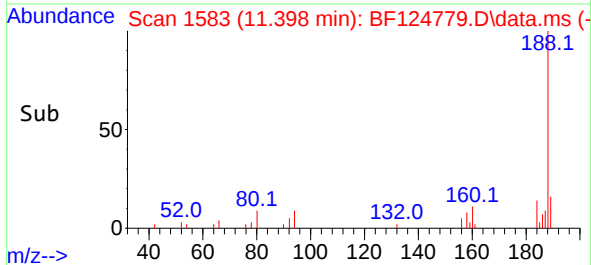
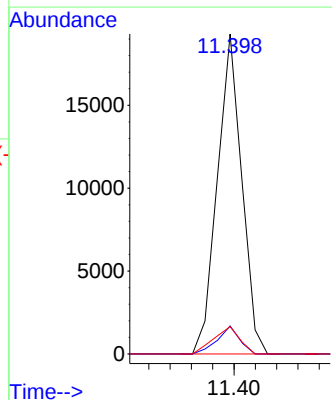
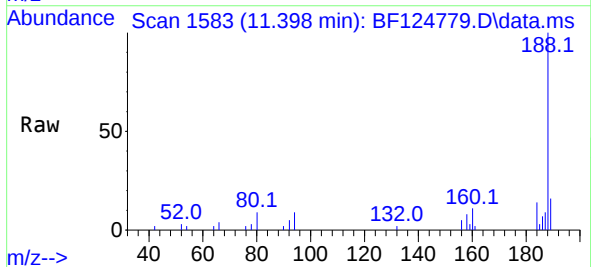
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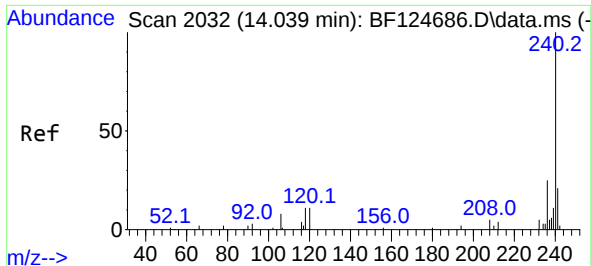
Tgt Ion:172 Resp: 44728
Ion Ratio Lower Upper
172 100
171 34.0 26.5 39.7
170 24.7 18.8 28.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF124779.D
Acq: 26 Jul 2021 23:13

Tgt Ion:188 Resp: 15346
Ion Ratio Lower Upper
188 100
94 8.8 6.7 10.1
80 8.5 7.5 11.3

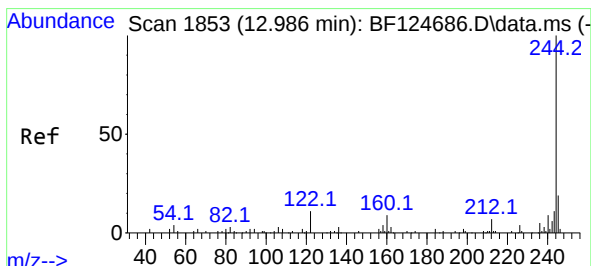
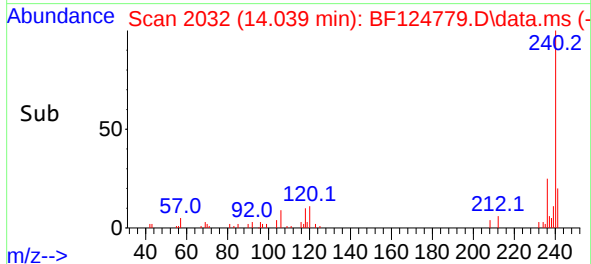
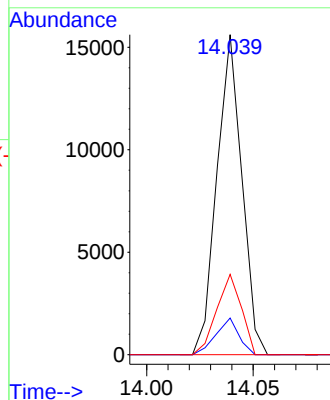
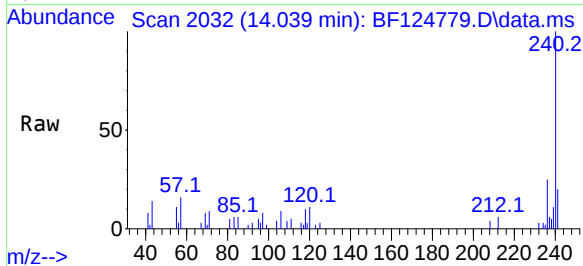




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF124779.D
Acq: 26 Jul 2021 23:13

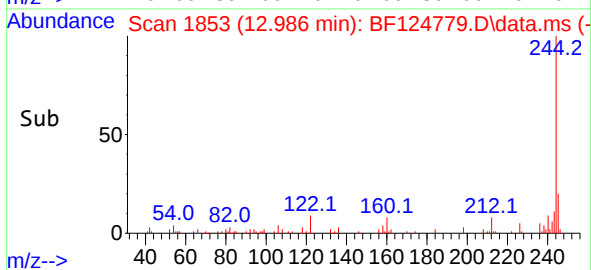
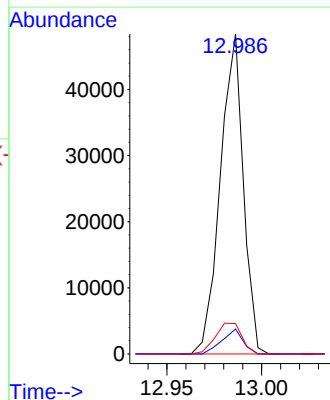
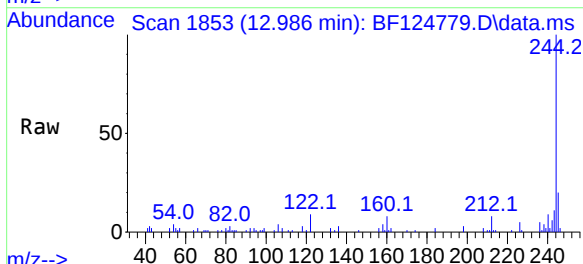
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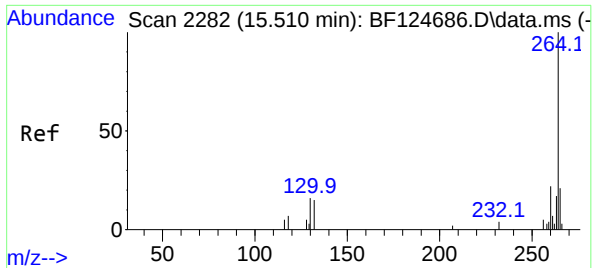
Tgt Ion:240 Resp: 12722
Ion Ratio Lower Upper
240 100
120 11.5 10.8 16.2
236 25.1 21.6 32.4



#79
Terphenyl-d14
Concen: 54.984 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF124779.D
Acq: 26 Jul 2021 23:13

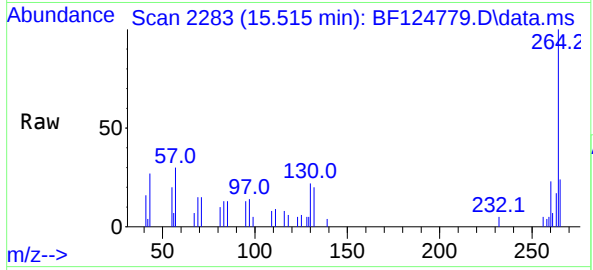
Tgt Ion:244 Resp: 40808
Ion Ratio Lower Upper
244 100
212 7.8 5.9 8.9
122 9.5 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. 0.006 min
 Lab File: BF124779.D
 Acq: 26 Jul 2021 23:13

Instrument :
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Tgt Ion:264 Resp: 9367

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.6	29.4
265	24.0	17.2	25.8

