

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
 Data File : BF124780.D
 Acq On : 26 Jul 2021 23:47
 Operator : JU/CG
 Sample : M3148-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Jul 27 04:27:08 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)

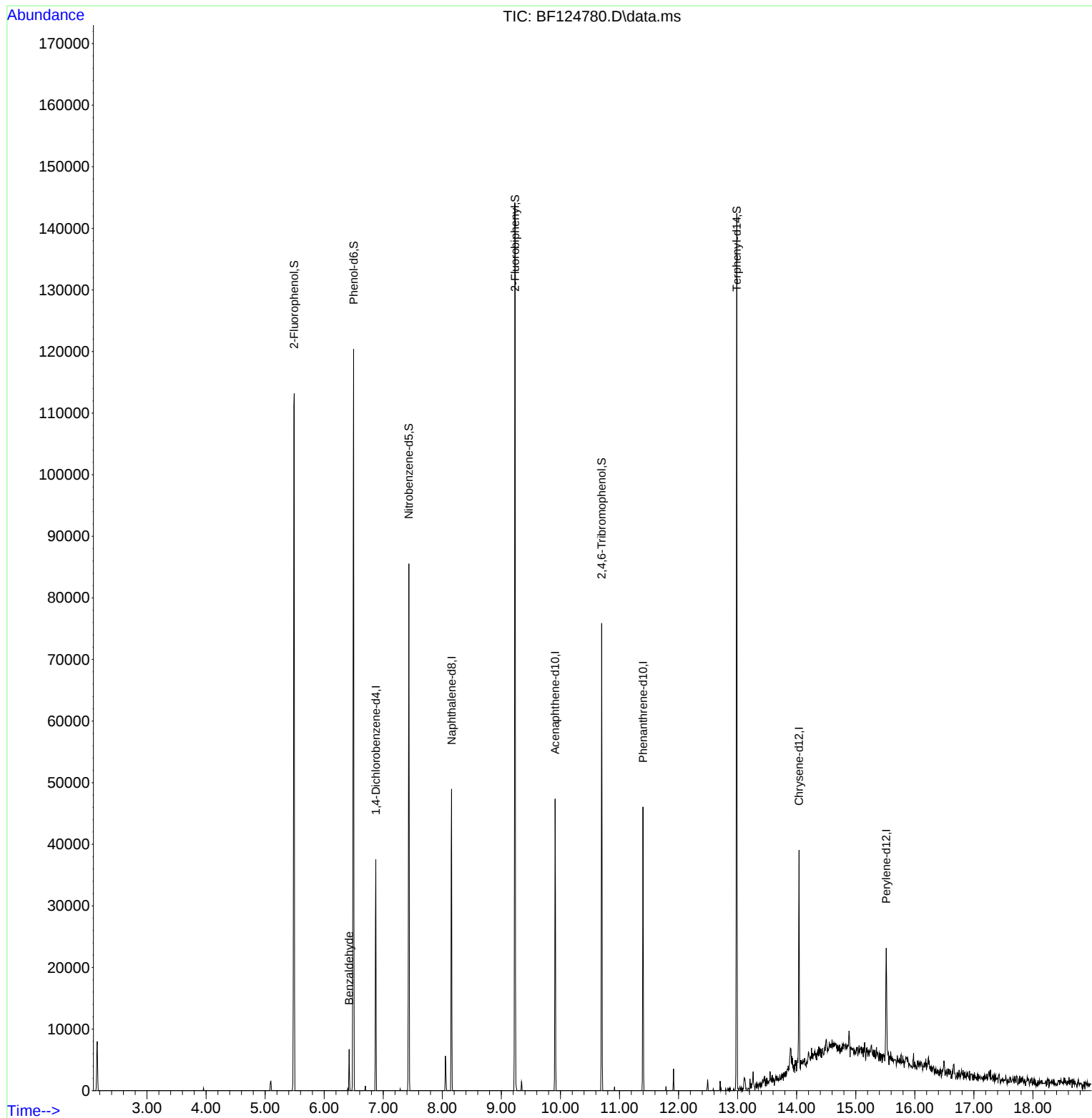
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	5441	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	20748	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	9883	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	15897	20.000	ng	0.00
76) Chrysene-d12	14.039	240	11989	20.000	ng	0.00
86) Perylene-d12	15.515	264	9170	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	31278	97.333	ng	0.01
7) Phenol-d6	6.498	99	36469	90.524	ng	0.00
23) Nitrobenzene-d5	7.433	82	23481	67.358	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	7122	83.931	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	46830	69.596	ng	0.00
79) Terphenyl-d14	12.986	244	42556	60.845	ng	0.00
Target Compounds						
9) Benzaldehyde	6.422	77	1167	5.380	ng	Qvalue 94

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

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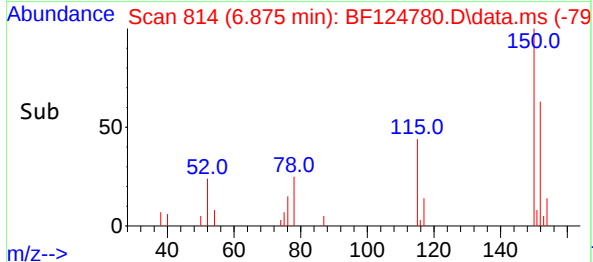
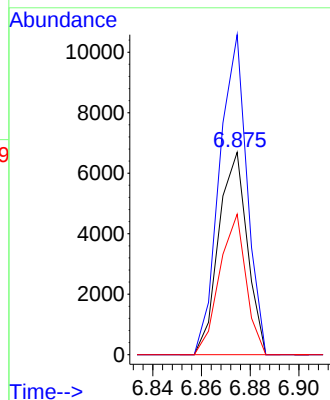
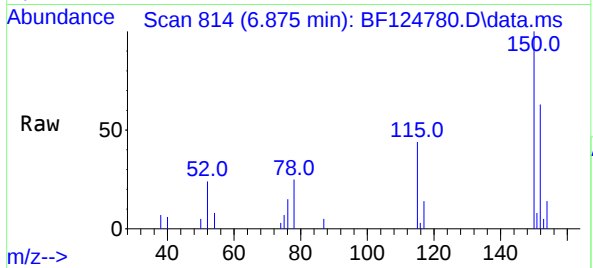




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.006 min
Lab File: BF124780.D
Acq: 26 Jul 2021 23:47

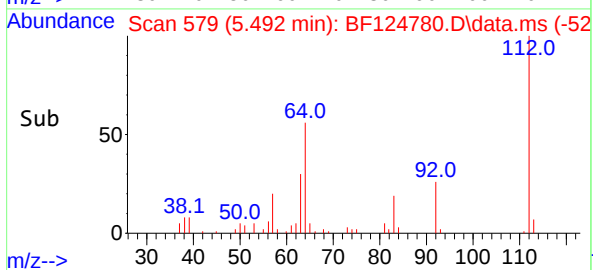
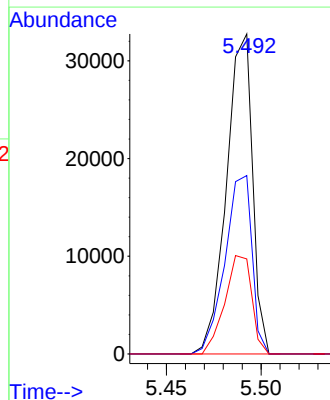
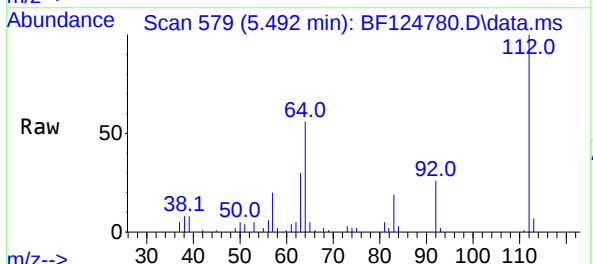
Instrument :
BNA_F
ClientSampleId :
SI-2-CLEAN-SOIL

Tgt Ion:152 Resp: 5441
Ion Ratio Lower Upper
152 100
150 158.1 117.6 176.4
115 69.4 47.1 70.7



#5
2-Fluorophenol
Concen: 97.333 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF124780.D
Acq: 26 Jul 2021 23:47

Tgt Ion:112 Resp: 31278
Ion Ratio Lower Upper
112 100
64 55.8 44.2 66.2
63 29.7 26.2 39.2

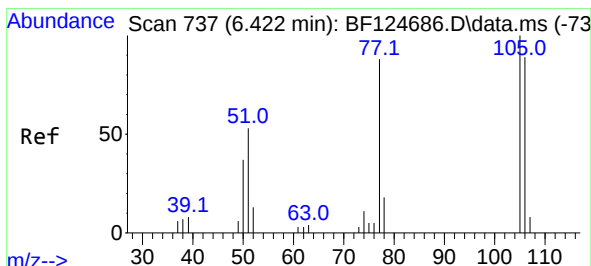
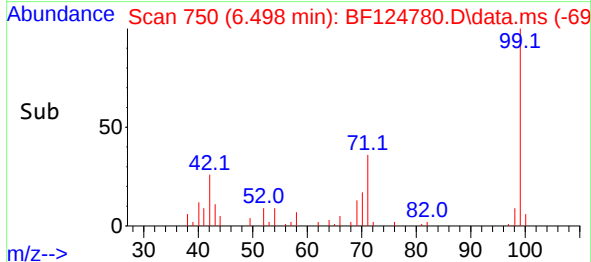
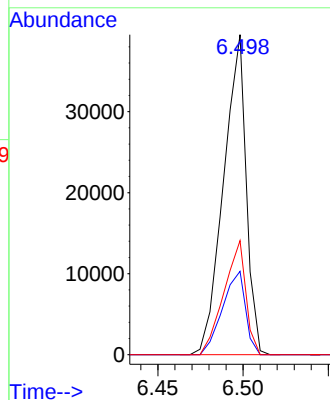
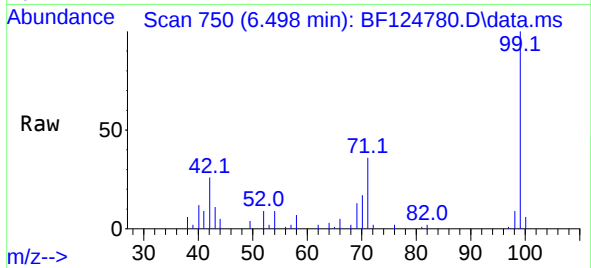




#7
Phenol-d6
Concen: 90.524 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF124780.D
Acq: 26 Jul 2021 23:47

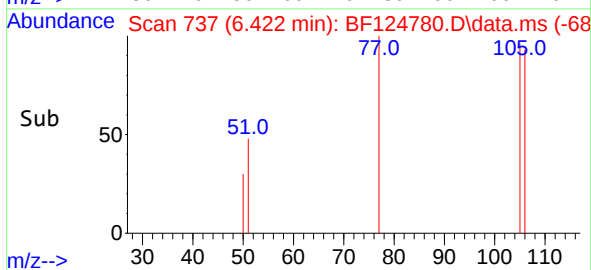
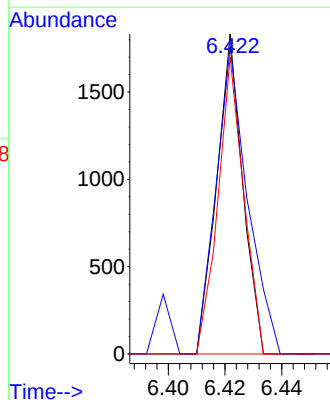
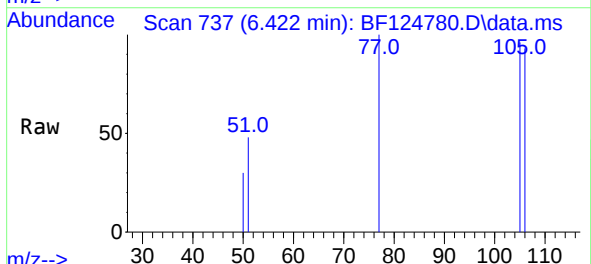
Instrument :
BNA_F
ClientSampleId :
SI-2-CLEAN-SOIL

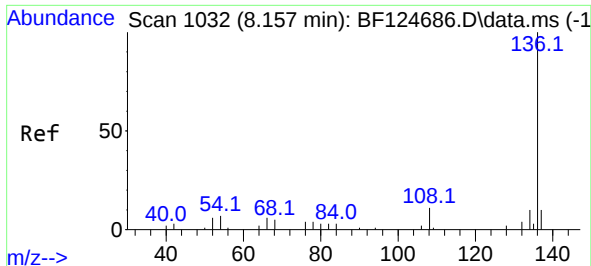
Tgt Ion: 99 Resp: 36469
Ion Ratio Lower Upper
99 100
42 26.1 23.5 35.3
71 35.7 25.6 38.4



#9
Benzaldehyde
Concen: 5.380 ng
RT: 6.422 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF124780.D
Acq: 26 Jul 2021 23:47

Tgt Ion: 77 Resp: 1167
Ion Ratio Lower Upper
77 100
105 96.0 75.9 115.9
106 92.9 84.0 124.0



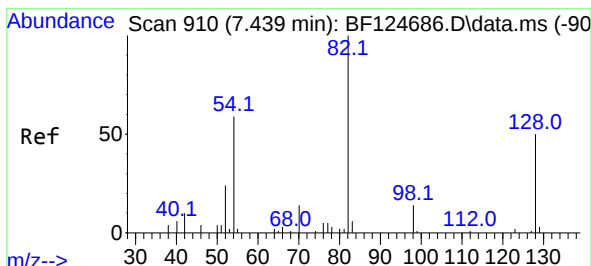
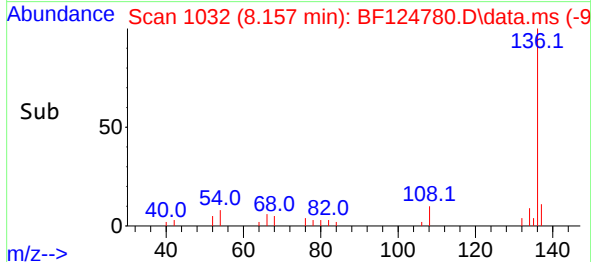
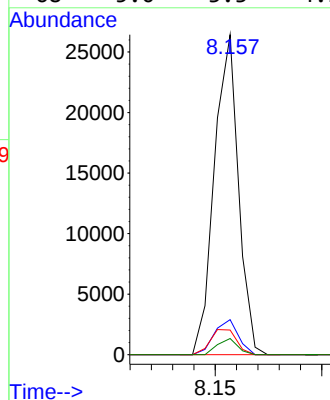
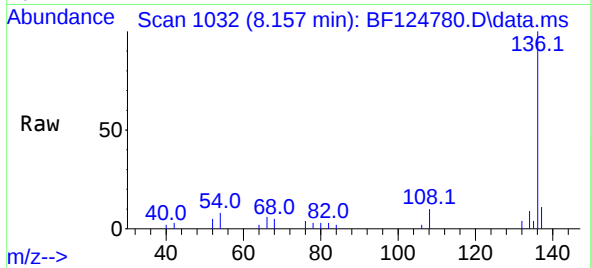


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF124780.D
Acq: 26 Jul 2021 23:47

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

Tgt Ion:136 Resp: 20748

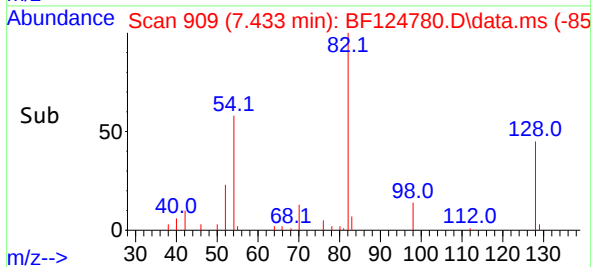
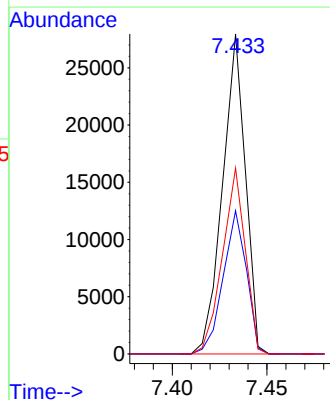
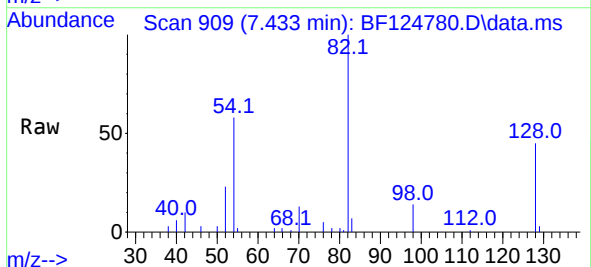
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.6
54	7.7	6.4	9.6
68	5.0	3.3	4.9

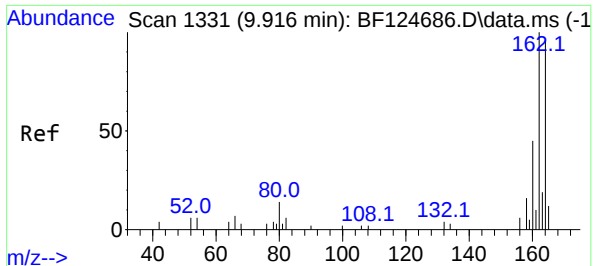


#23
Nitrobenzene-d5
Concen: 67.358 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124780.D
Acq: 26 Jul 2021 23:47

Tgt Ion: 82 Resp: 23481

Ion	Ratio	Lower	Upper
82	100		
128	44.8	40.6	60.8
54	58.1	49.6	74.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1330

Delta R.T. -0.006 min

Lab File: BF124780.D

Acq: 26 Jul 2021 23:47

Tgt Ion:164 Resp: 9883

Ion Ratio Lower Upper

164 100

162 100.5 81.3 121.9

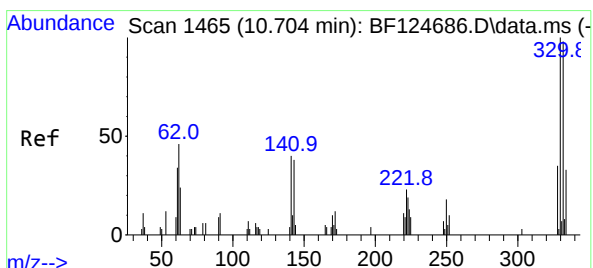
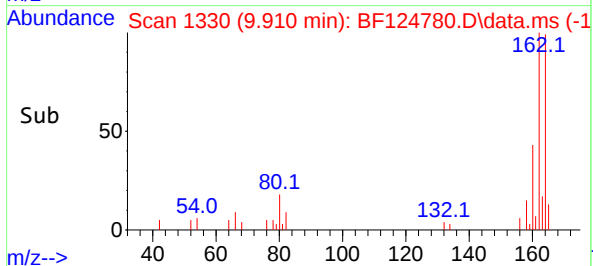
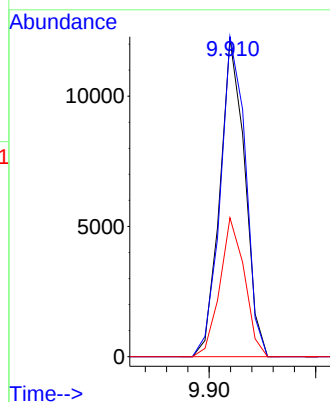
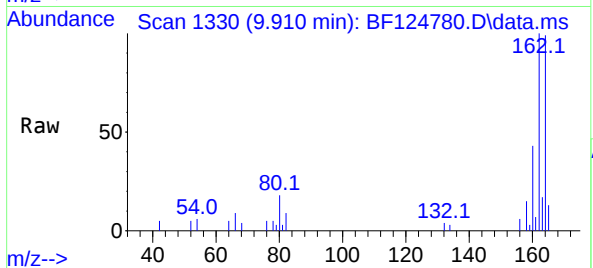
160 43.6 38.0 57.0

Instrument :

BNA_F

ClientSampleId :

SI-2-CLEAN-SOIL



#42

2,4,6-Tribromophenol

Concen: 83.931 ng

RT: 10.698 min Scan# 1464

Delta R.T. -0.006 min

Lab File: BF124780.D

Acq: 26 Jul 2021 23:47

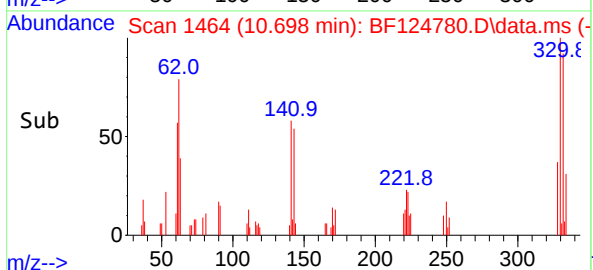
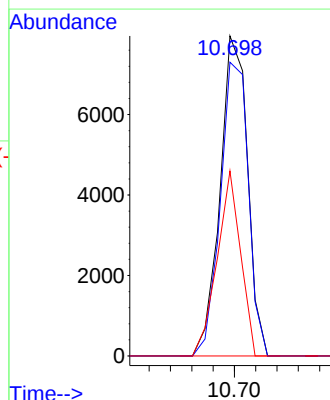
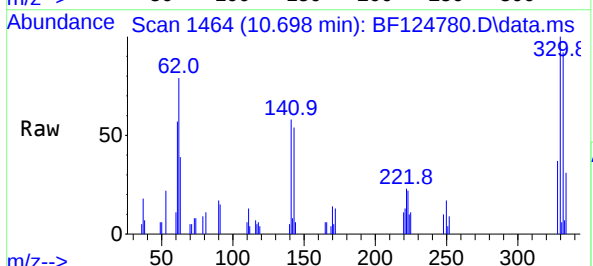
Tgt Ion:330 Resp: 7122

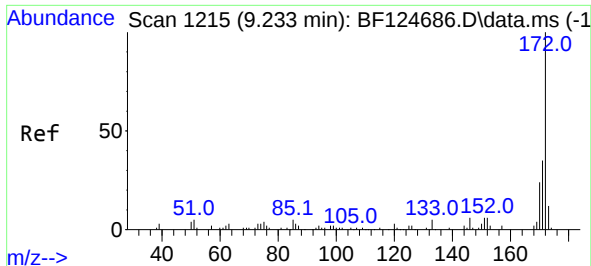
Ion Ratio Lower Upper

330 100

332 93.5 76.2 114.4

141 49.2 44.6 66.8



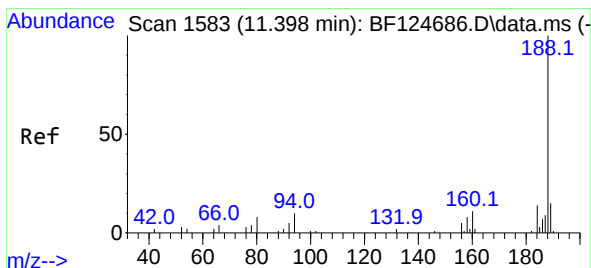
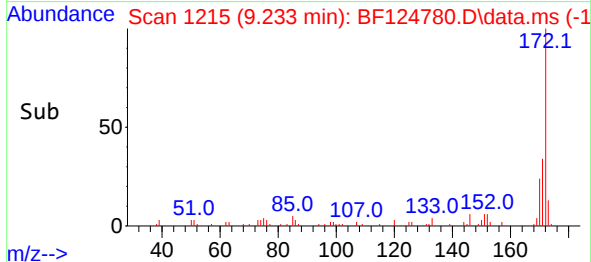
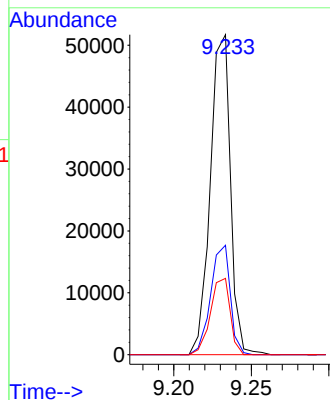
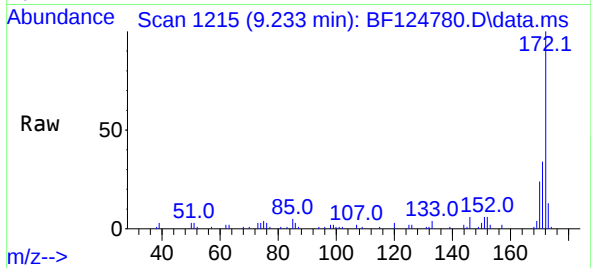


#45
2-Fluorobiphenyl
Concen: 69.596 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BF124780.D
Acq: 26 Jul 2021 23:47

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

Tgt Ion:172 Resp: 46830

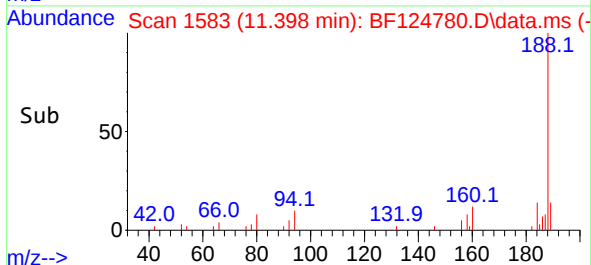
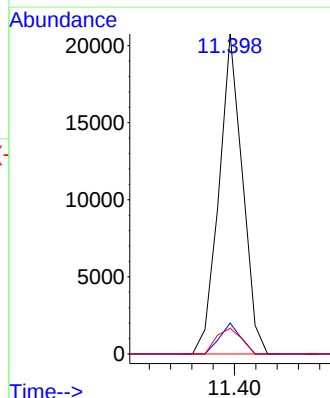
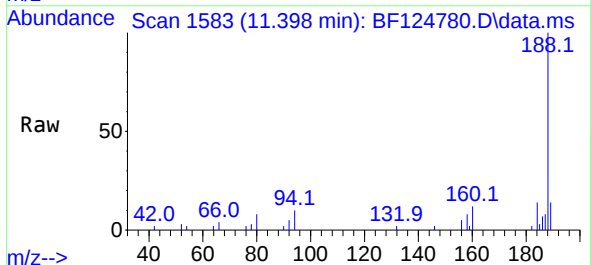
Ion	Ratio	Lower	Upper
172	100		
171	34.2	26.5	39.7
170	23.9	18.8	28.2

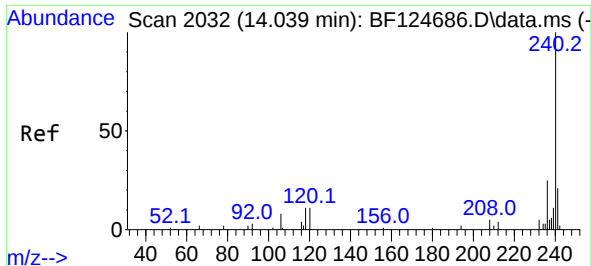


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF124780.D
Acq: 26 Jul 2021 23:47

Tgt Ion:188 Resp: 15897

Ion	Ratio	Lower	Upper
188	100		
94	9.6	6.7	10.1
80	8.0	7.5	11.3

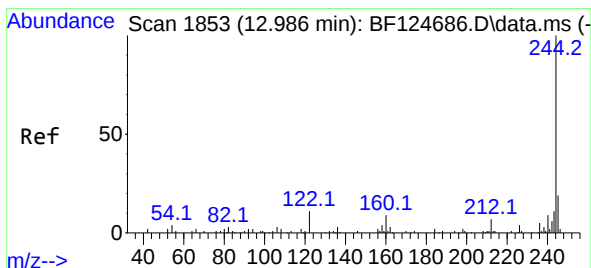
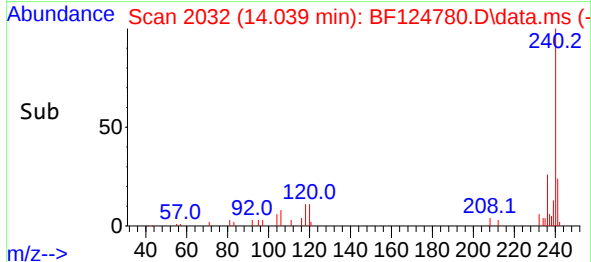
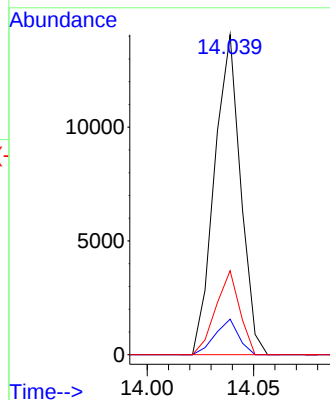
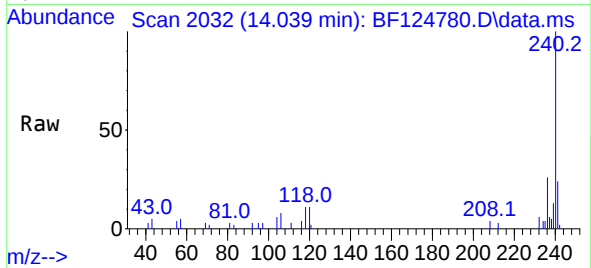




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF124780.D
Acq: 26 Jul 2021 23:47

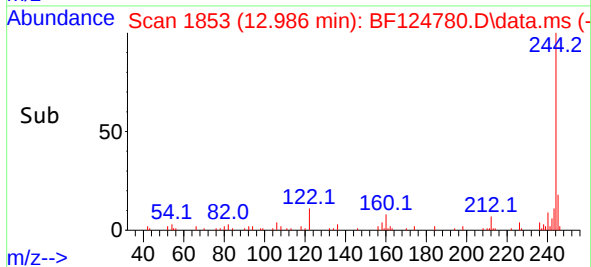
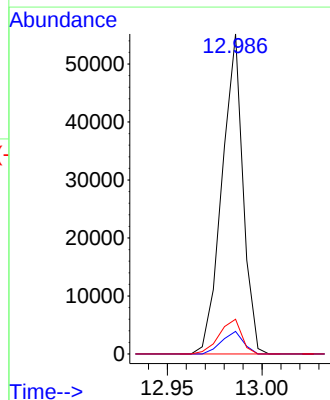
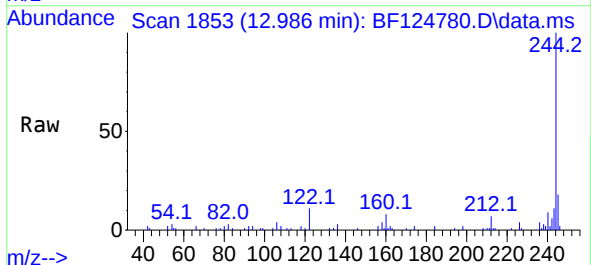
Instrument :
BNA_F
ClientSampleId :
SI-2-CLEAN-SOIL

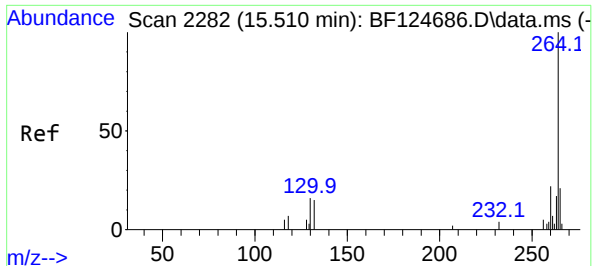
Tgt Ion:240	Resp:	11989
Ion Ratio	Lower	Upper
240	100	
120	13.5	10.8 16.2
236	26.2	21.6 32.4



#79
Terphenyl-d14
Concen: 60.845 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BF124780.D
Acq: 26 Jul 2021 23:47

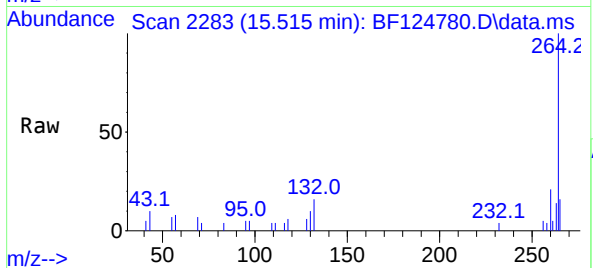
Tgt Ion:244	Resp:	42556
Ion Ratio	Lower	Upper
244	100	
212	7.0	5.9 8.9
122	10.9	9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. 0.006 min
 Lab File: BF124780.D
 Acq: 26 Jul 2021 23:47

Instrument :
 BNA_F
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Tgt Ion:	264	Resp:	9170
Ion Ratio	Lower	Upper	
264	100		
260	21.0	19.6	29.4
265	16.4	17.2	25.8#

