

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022125\
 Data File : BF141719.D
 Acq On : 21 Feb 2025 14:48
 Operator : RC/JU
 Sample : Q1393-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-COMP

Quant Time: Feb 21 15:12:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

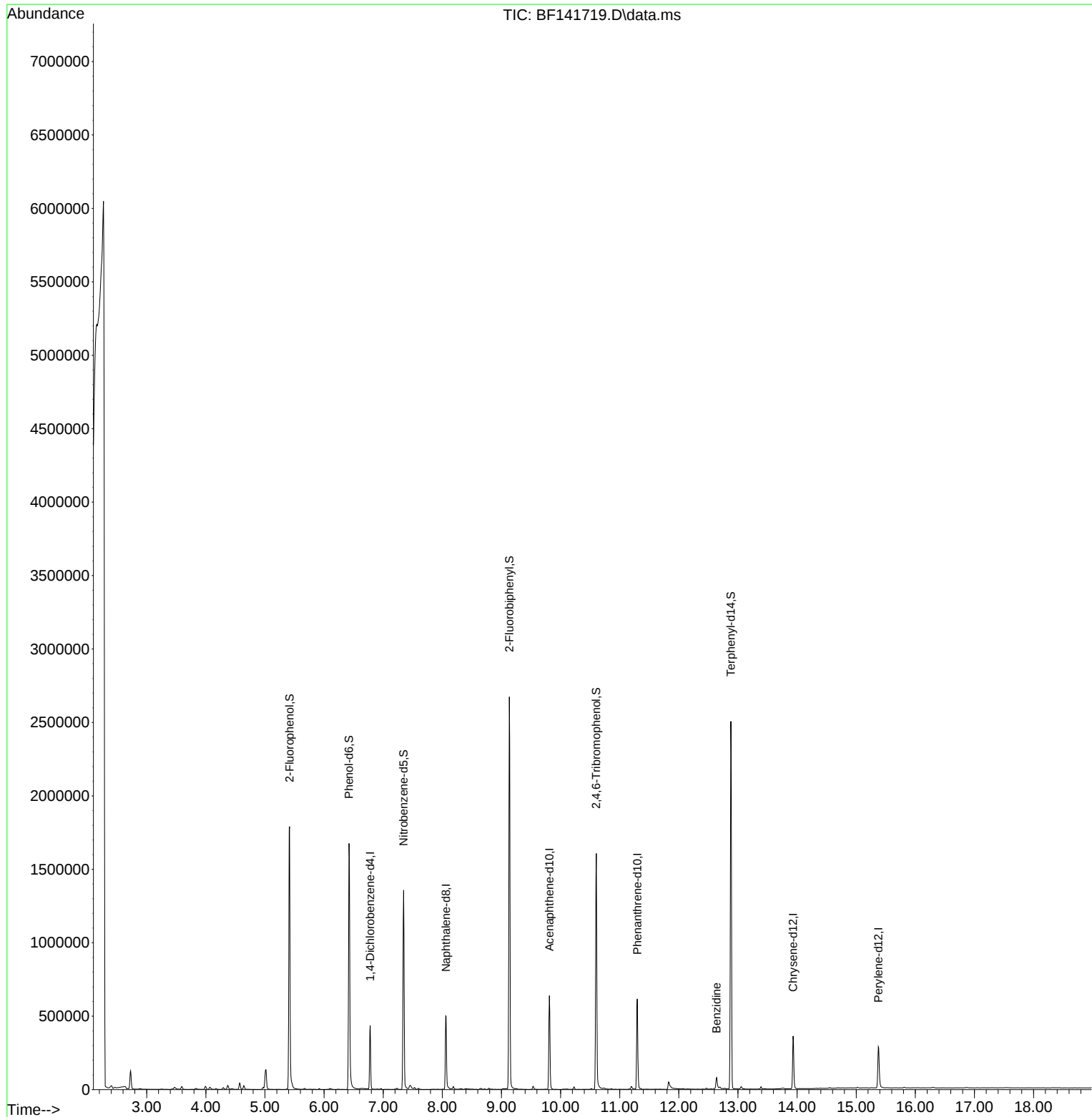
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	90292	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	360044	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	199433	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	339503	20.000	ng	-0.02
76) Chrysene-d12	13.933	240	194684	20.000	ng	-0.03
86) Perylene-d12	15.374	264	187799	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	725991	126.054	ng	0.00
7) Phenol-d6	6.422	99	847663	116.448	ng	-0.02
23) Nitrobenzene-d5	7.345	82	620403	89.875	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	281609	140.566	ng	-0.02
45) 2-Fluorobiphenyl	9.133	172	1200931	92.773	ng	-0.02
79) Terphenyl-d14	12.880	244	1267913	109.945	ng	-0.02
Target Compounds						
77) Benzidine	12.639	184	51459	11.985	ng	Qvalue 100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022125\
Data File : BF141719.D
Acq On : 21 Feb 2025 14:48
Operator : RC/JU
Sample : Q1393-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP

Quant Time: Feb 21 15:12:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

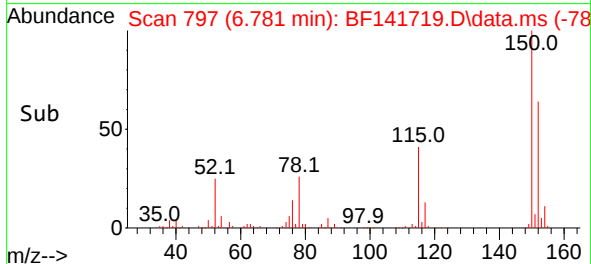
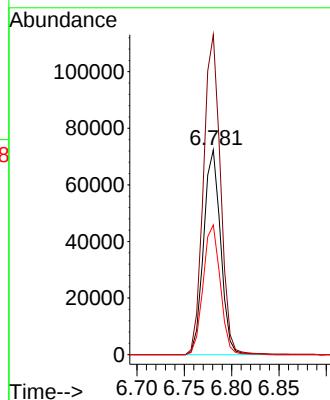
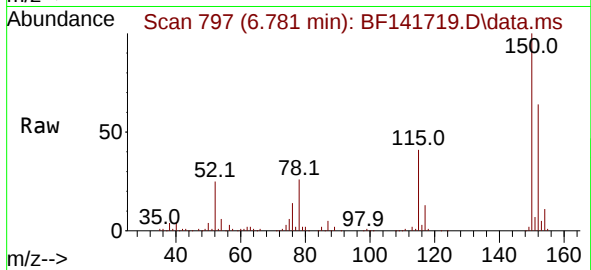




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 798
 Delta R.T. -0.011 min
 Lab File: BF141719.D
 Acq: 21 Feb 2025 14:48

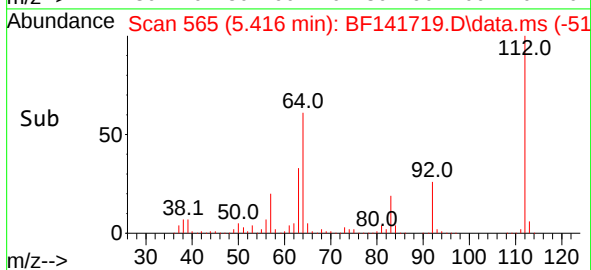
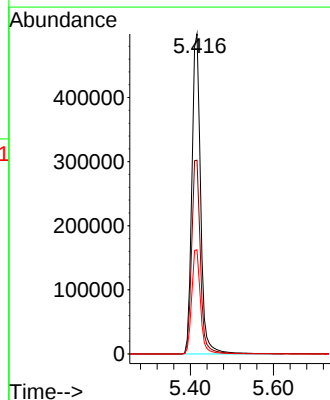
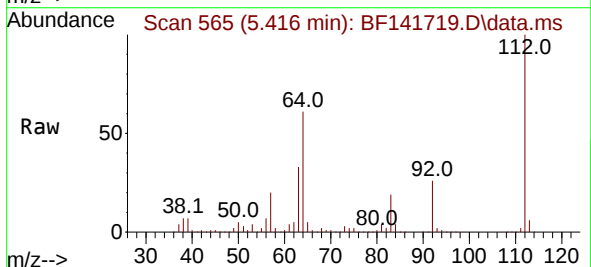
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-COMP

Tgt Ion:152 Resp: 90292
 Ion Ratio Lower Upper
 152 100
 150 156.2 125.0 187.4
 115 63.4 53.6 80.4



#5
 2-Fluorophenol
 Concen: 126.054 ng
 RT: 5.416 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: BF141719.D
 Acq: 21 Feb 2025 14:48

Tgt Ion:112 Resp: 725991
 Ion Ratio Lower Upper
 112 100
 64 60.5 51.1 76.7
 63 32.5 28.4 42.6

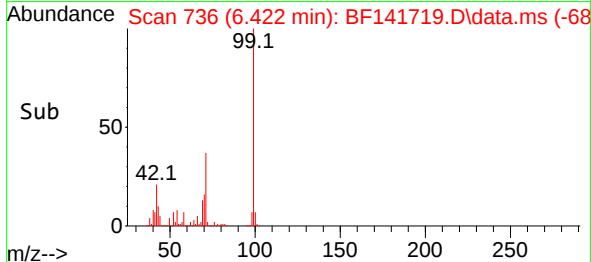
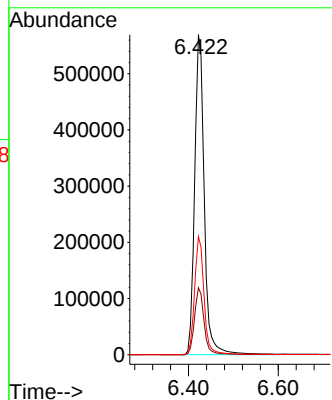
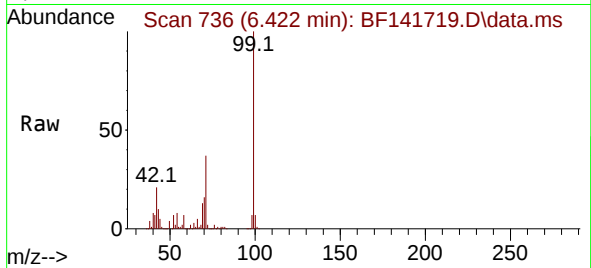




#7
Phenol-d6
Concen: 116.448 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF141719.D
Acq: 21 Feb 2025 14:48

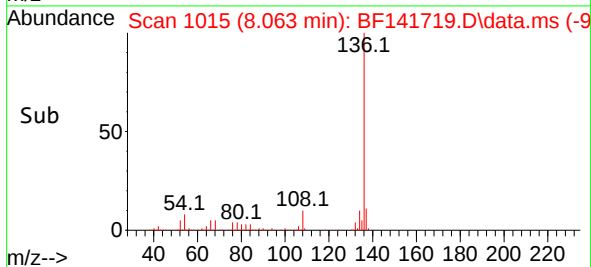
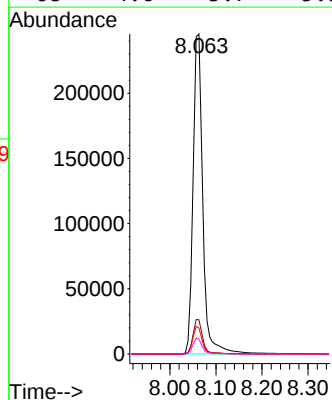
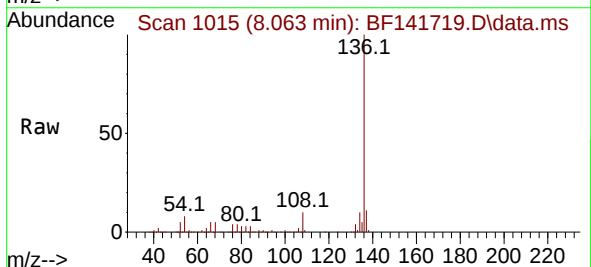
Instrument :
BNA_F
ClientSampleId :
SOIL-COMP

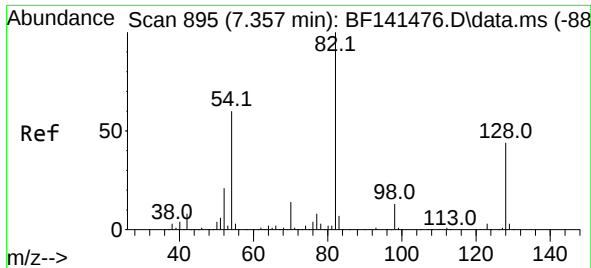
Tgt Ion: 99 Resp: 847663
Ion Ratio Lower Upper
99 100
42 20.9 19.1 28.7
71 36.9 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141719.D
Acq: 21 Feb 2025 14:48

Tgt Ion: 136 Resp: 360044
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.1 7.2 10.8
68 4.6 3.7 5.5



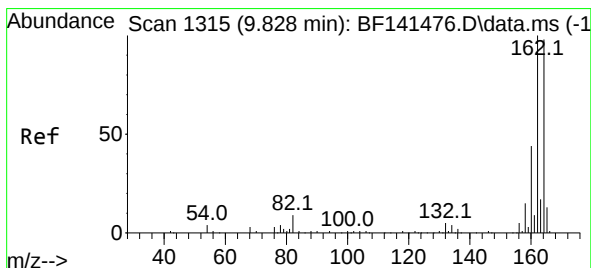
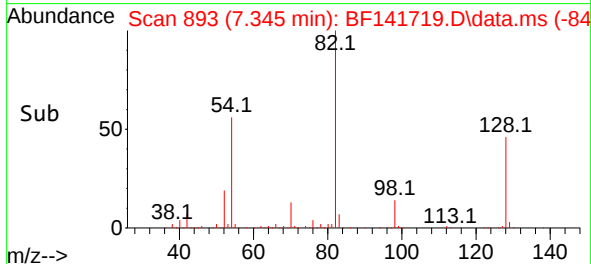
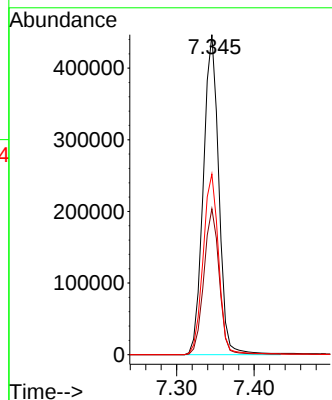
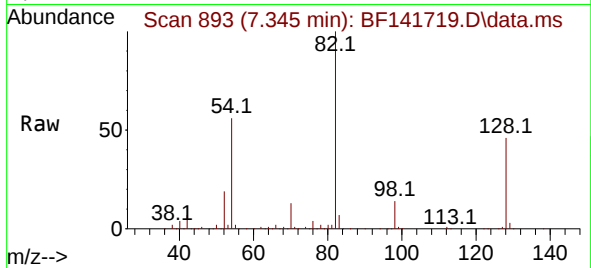


#23
 Nitrobenzene-d5
 Concen: 89.875 ng
 RT: 7.345 min Scan# 89
 Delta R.T. -0.018 min
 Lab File: BF141719.D
 Acq: 21 Feb 2025 14:48

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-COMP

Tgt Ion: 82 Resp: 620403

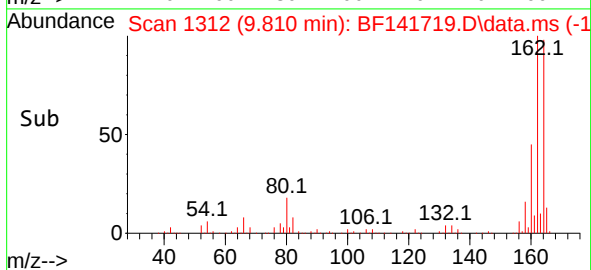
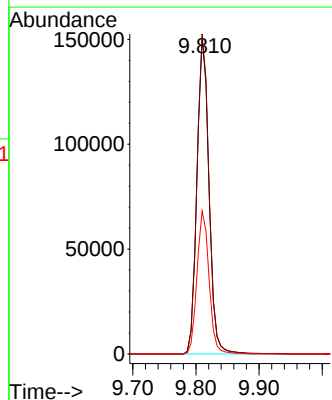
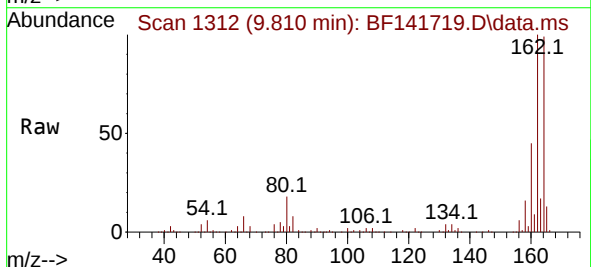
Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.8	52.2
54	56.5	48.2	72.4

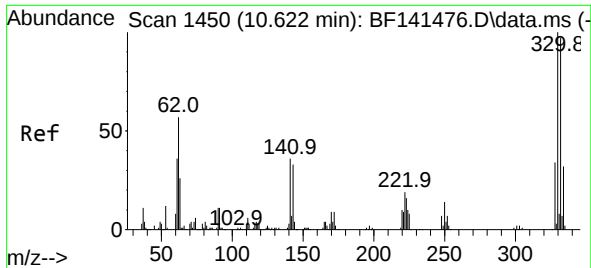


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.810 min Scan# 1312
 Delta R.T. -0.023 min
 Lab File: BF141719.D
 Acq: 21 Feb 2025 14:48

Tgt Ion:164 Resp: 199433

Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.3	121.9
160	45.2	35.9	53.9

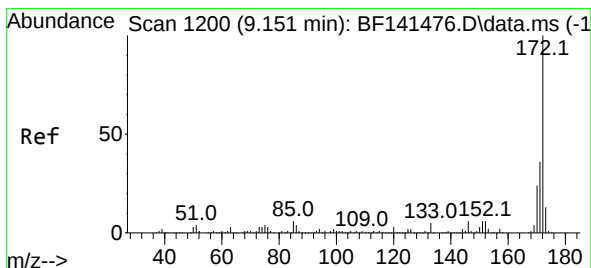
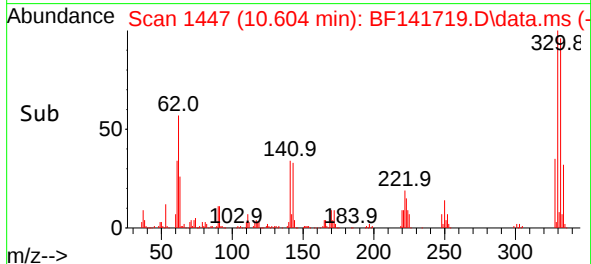
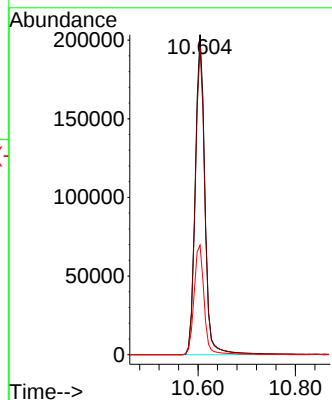
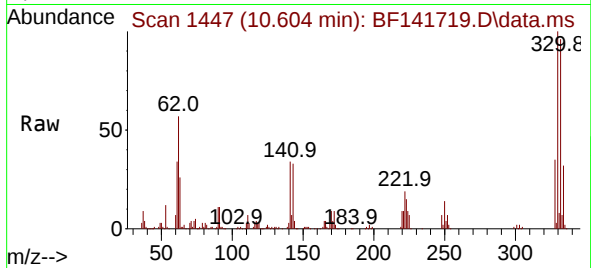




#42
2,4,6-Tribromophenol
Concen: 140.566 ng
RT: 10.604 min Scan# 1447
Delta R.T. -0.023 min
Lab File: BF141719.D
Acq: 21 Feb 2025 14:48

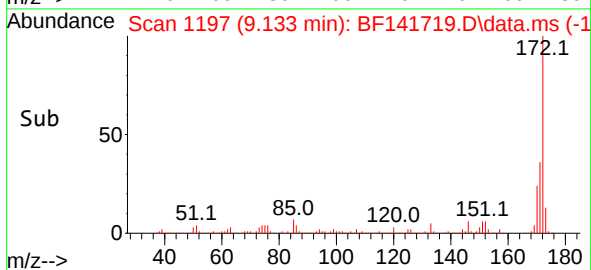
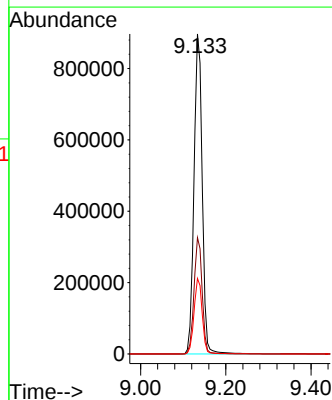
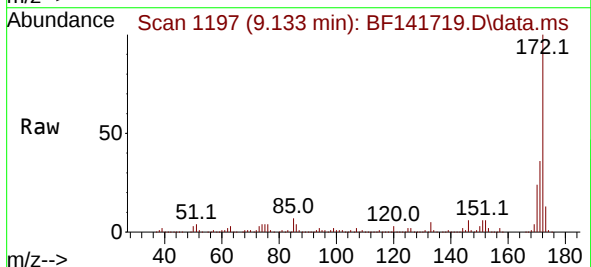
Instrument :
BNA_F
ClientSampleId :
SOIL-COMP

Tgt Ion:330 Resp: 281609
Ion Ratio Lower Upper
330 100
332 95.6 78.5 117.7
141 35.6 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 92.773 ng
RT: 9.133 min Scan# 1197
Delta R.T. -0.018 min
Lab File: BF141719.D
Acq: 21 Feb 2025 14:48

Tgt Ion:172 Resp: 1200931
Ion Ratio Lower Upper
172 100
171 36.3 28.7 43.1
170 23.6 18.9 28.3

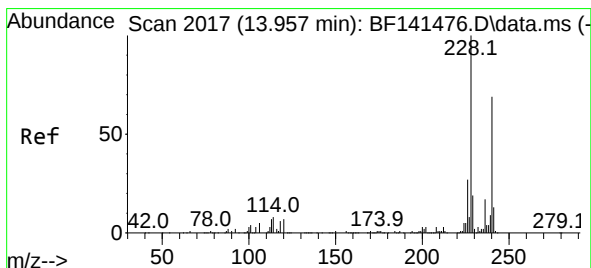
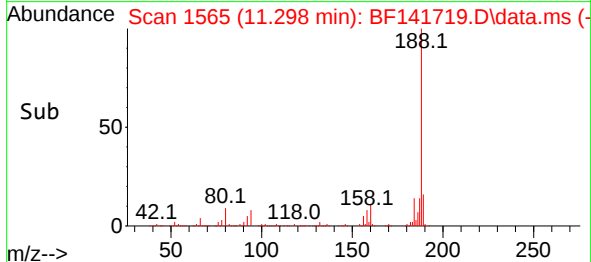
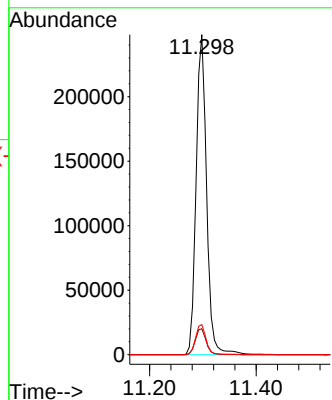
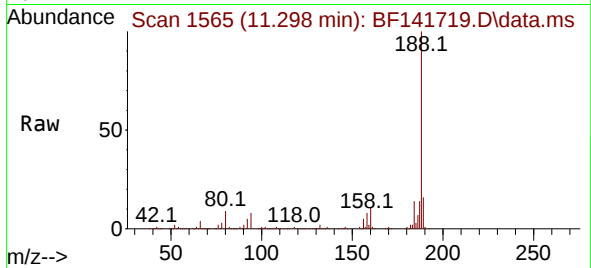




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141719.D
Acq: 21 Feb 2025 14:48

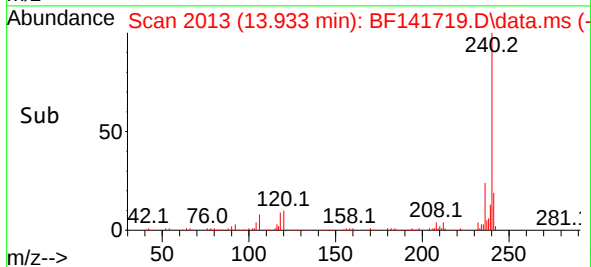
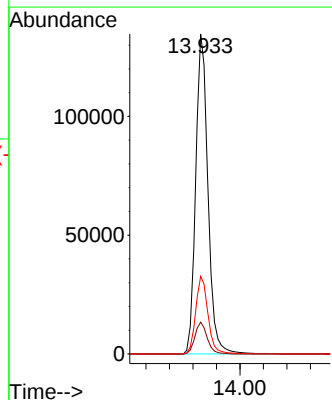
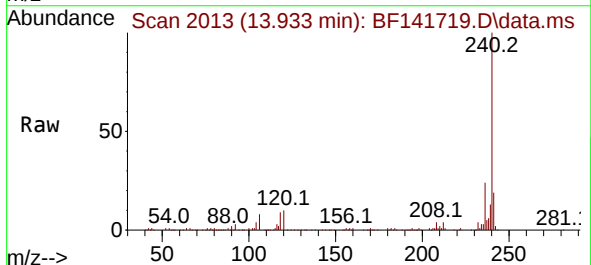
Instrument :
BNA_F
ClientSampleId :
SOIL-COMP

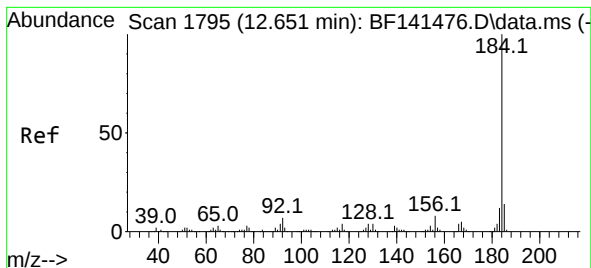
Tgt Ion:188 Resp: 339503
Ion Ratio Lower Upper
188 100
94 8.1 6.6 10.0
80 9.4 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2013
Delta R.T. -0.029 min
Lab File: BF141719.D
Acq: 21 Feb 2025 14:48

Tgt Ion:240 Resp: 194684
Ion Ratio Lower Upper
240 100
120 9.9 8.0 12.0
236 24.3 19.8 29.8





#77

Benzidine

Concen: 11.985 ng

RT: 12.639 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141719.D

Acq: 21 Feb 2025 14:48

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP

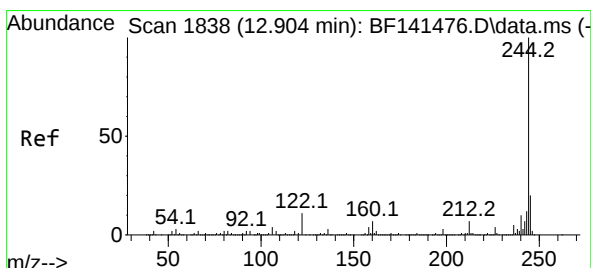
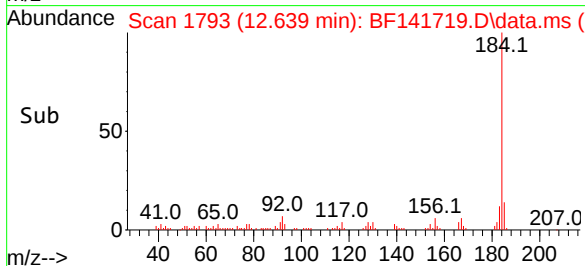
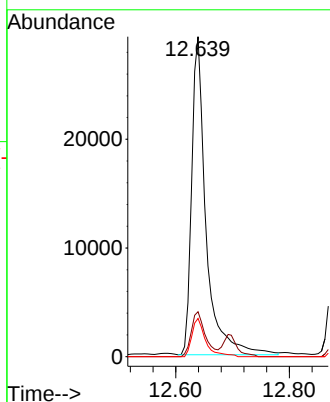
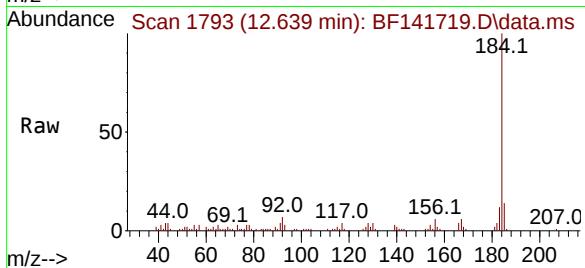
Tgt Ion:184 Resp: 51459

Ion Ratio Lower Upper

184 100

185 14.0 11.3 16.9

183 11.9 9.3 13.9



#79

Terphenyl-d14

Concen: 109.945 ng

RT: 12.880 min Scan# 1834

Delta R.T. -0.023 min

Lab File: BF141719.D

Acq: 21 Feb 2025 14:48

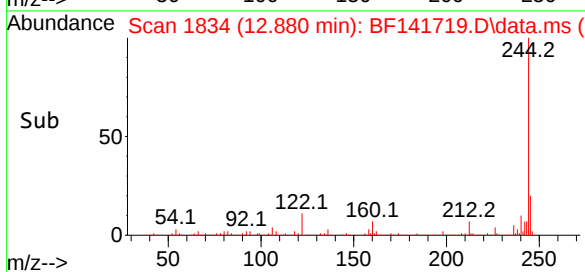
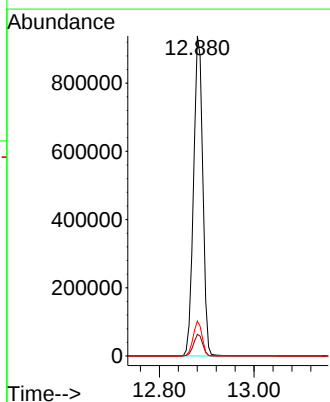
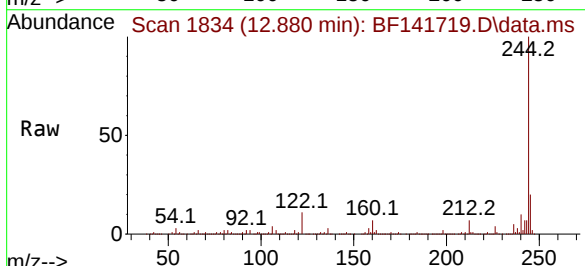
Tgt Ion:244 Resp: 1267913

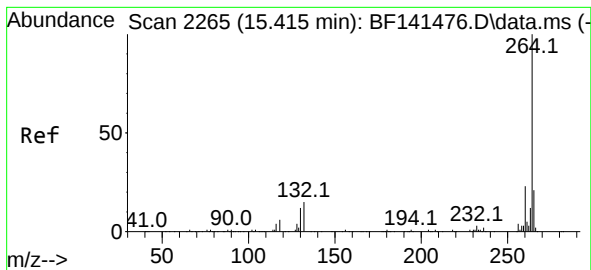
Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 10.9 8.4 12.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.374 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF141719.D

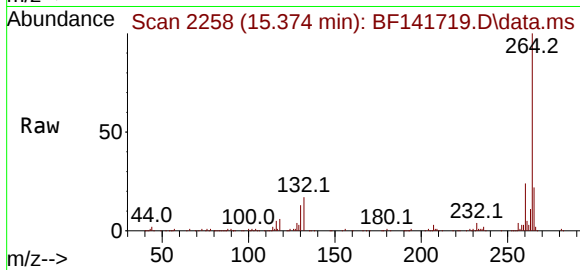
Acq: 21 Feb 2025 14:48

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP



Tgt Ion:264 Resp: 187799

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 22.1 17.0 25.4

