

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120624\
 Data File : BF140773.D
 Acq On : 06 Dec 2024 18:08
 Operator : RC/JU
 Sample : P5117-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TAPIAL2-IDW-SOIL-120424-00-T2

Quant Time: Dec 06 21:55:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	75283	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	286087	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	161217	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	283365	20.000	ng	0.00
76) Chrysene-d12	14.051	240	166085	20.000	ng	0.00
86) Perylene-d12	15.551	264	166285	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	562864	127.567	ng	0.02
7) Phenol-d6	6.516	99	681107	116.765	ng	0.00
23) Nitrobenzene-d5	7.434	82	501508	89.666	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	224206	130.033	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1005825	92.957	ng	-0.01
79) Terphenyl-d14	12.980	244	910243	85.340	ng	-0.01

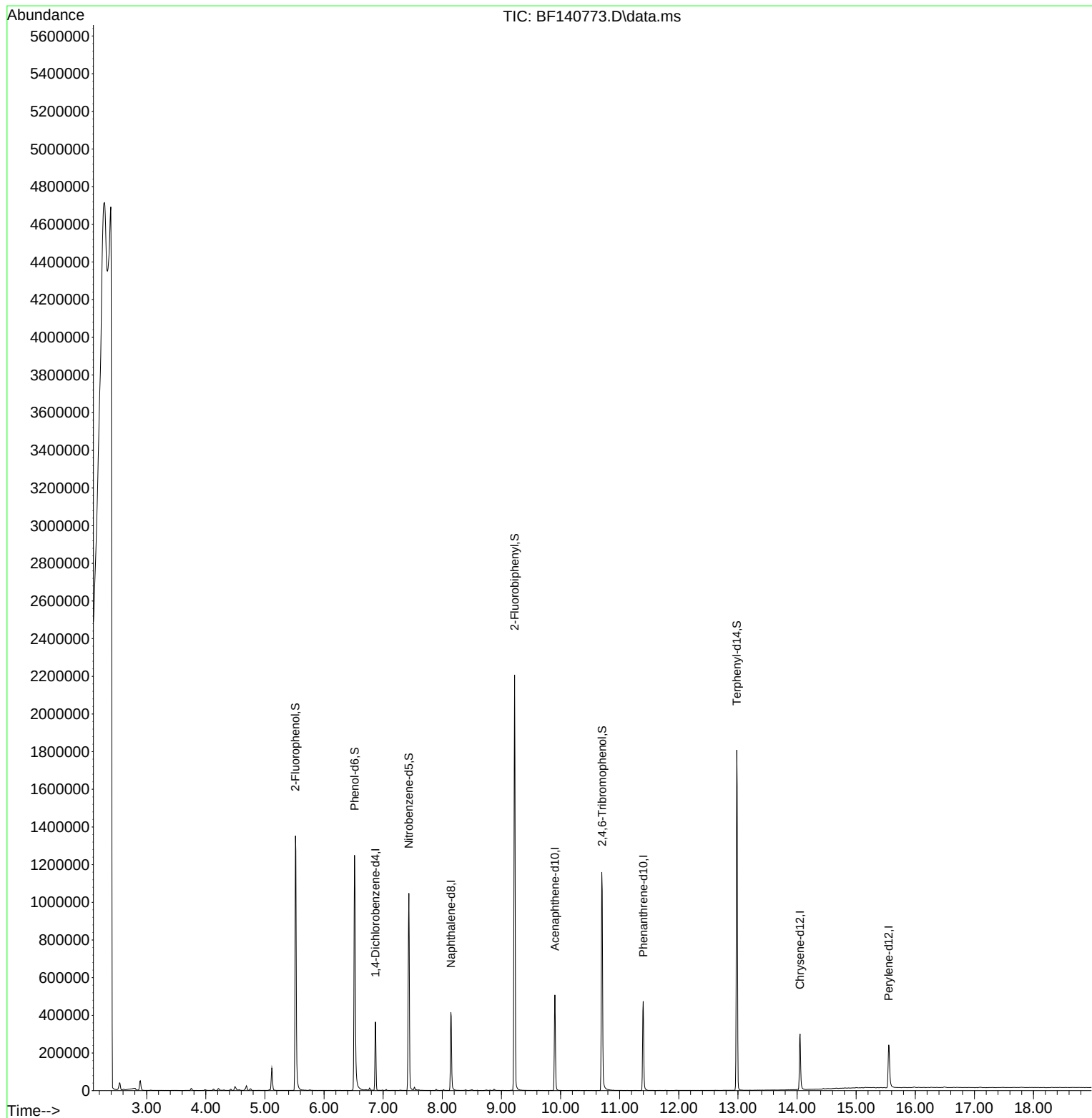
Target Compounds	Qvalue

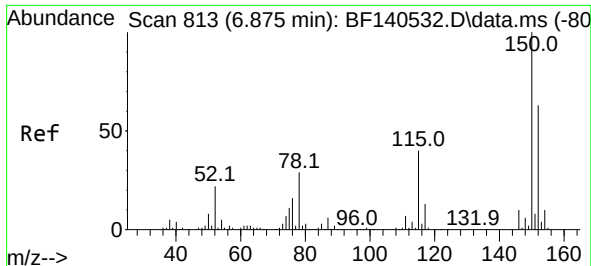
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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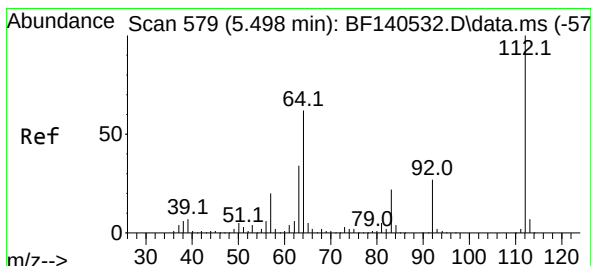
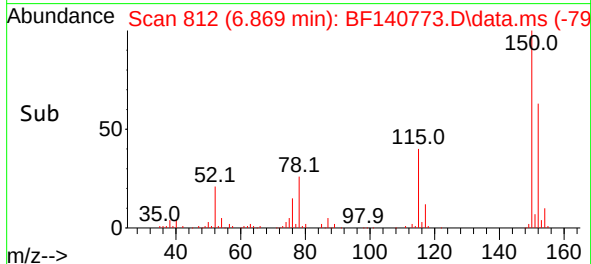
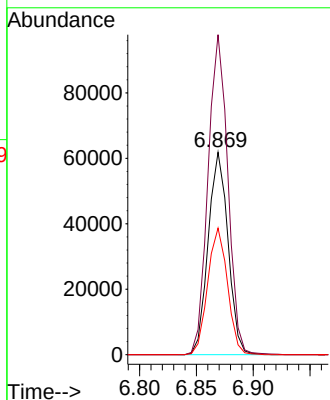
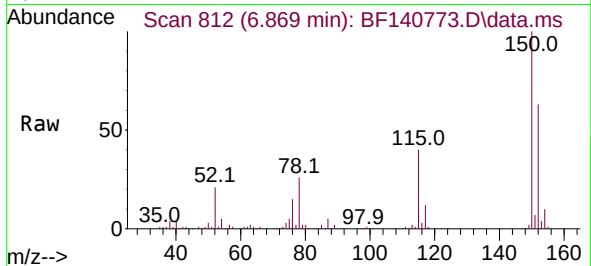




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140773.D
Acq: 06 Dec 2024 18:08

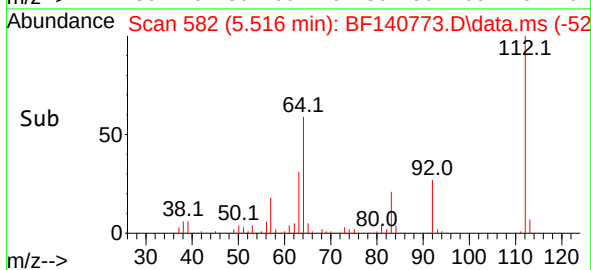
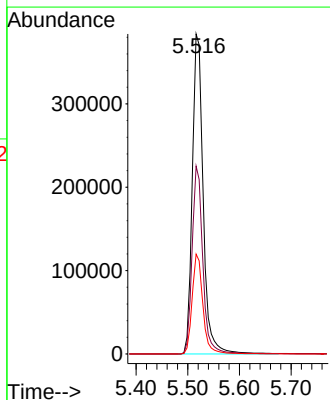
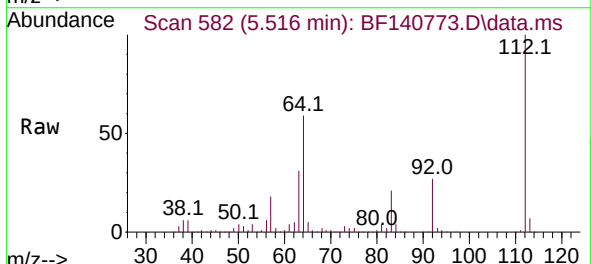
Instrument :
BNA_F
ClientSampleId :
TAPIAL2-IDW-SOIL-120424-00-T2

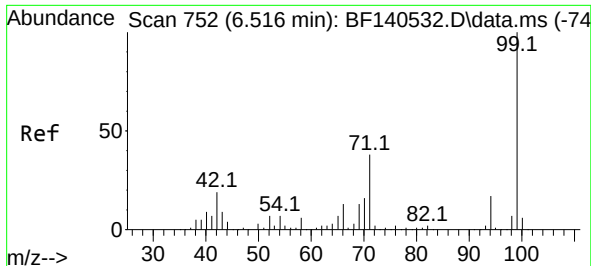
Tgt Ion:152 Resp: 75283
Ion Ratio Lower Upper
152 100
150 158.1 128.5 192.7
115 62.6 50.2 75.4



#5
2-Fluorophenol
Concen: 127.567 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140773.D
Acq: 06 Dec 2024 18:08

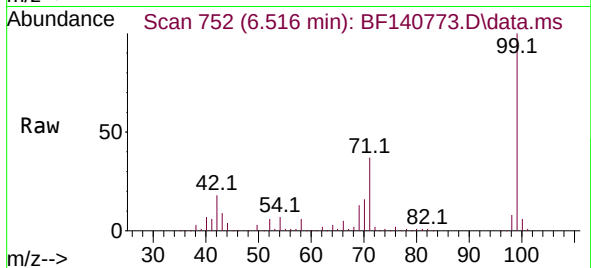
Tgt Ion:112 Resp: 562864
Ion Ratio Lower Upper
112 100
64 58.7 49.2 73.8
63 31.2 27.0 40.4



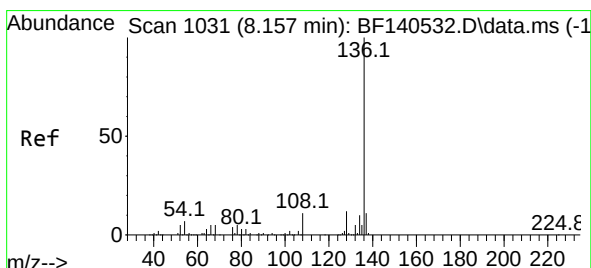
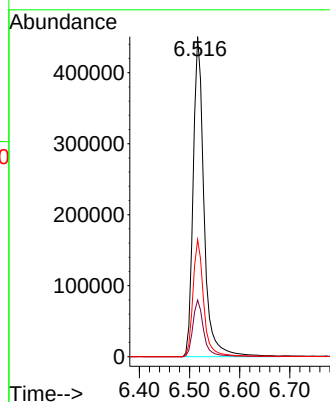
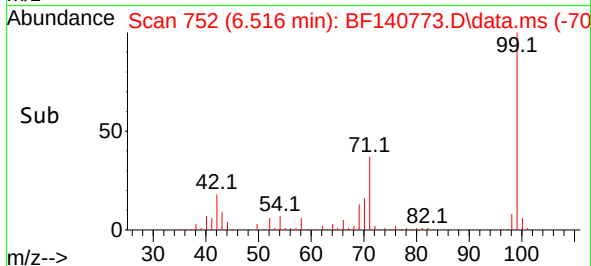


#7
Phenol-d6
Concen: 116.765 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140773.D
Acq: 06 Dec 2024 18:08

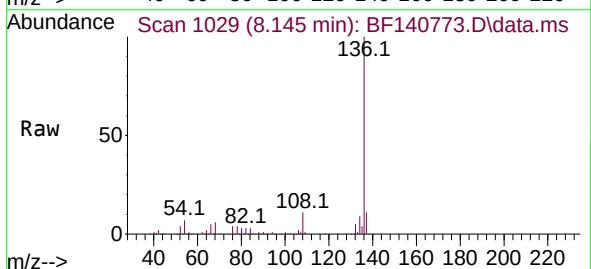
Instrument :
BNA_F
ClientSampleId :
TAPIAL2-IDW-SOIL-120424-00-T2



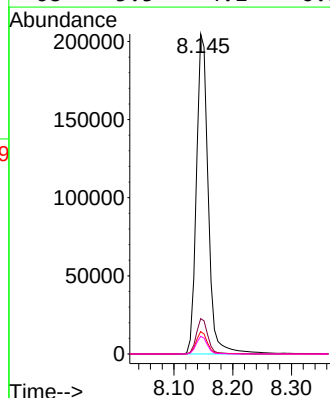
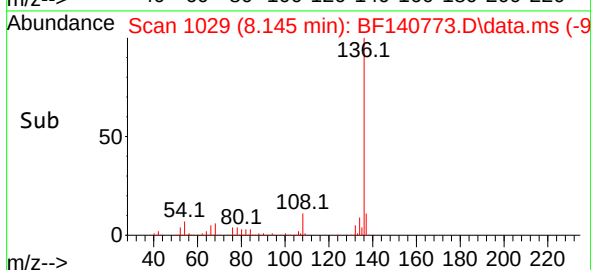
Tgt Ion: 99 Resp: 681107
Ion Ratio Lower Upper
99 100
42 17.7 15.4 23.0
71 36.6 30.6 46.0

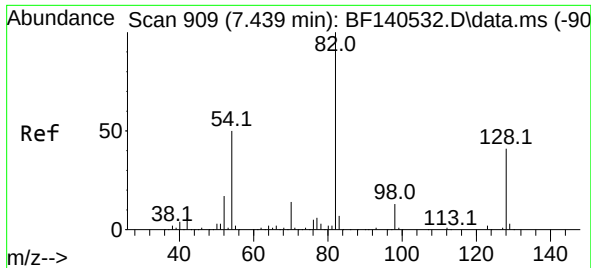


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF140773.D
Acq: 06 Dec 2024 18:08



Tgt Ion: 136 Resp: 286087
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 7.0 5.8 8.8
68 5.5 4.1 6.1

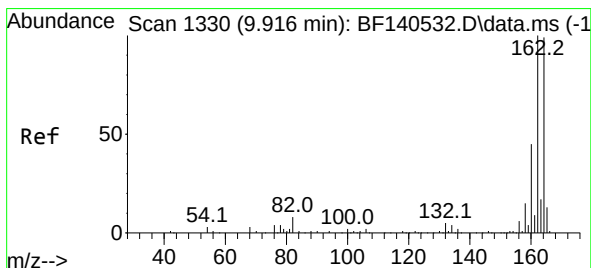
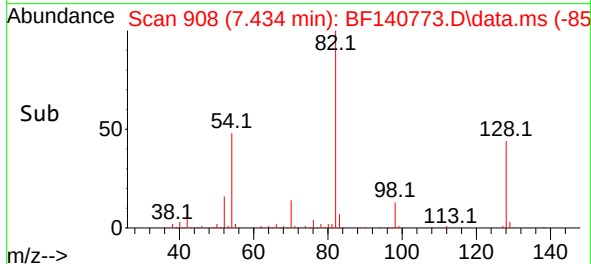
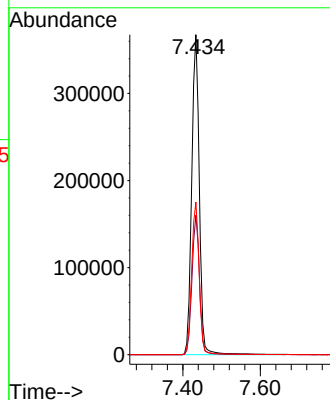
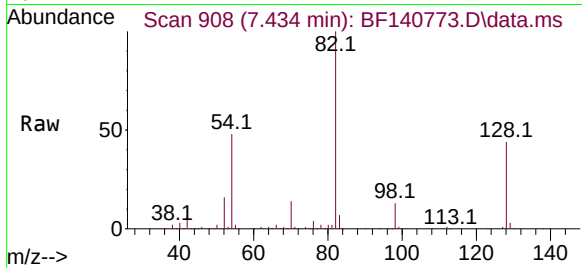




#23
Nitrobenzene-d5
Concen: 89.666 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140773.D
Acq: 06 Dec 2024 18:08

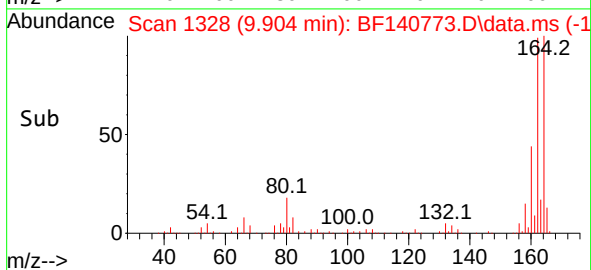
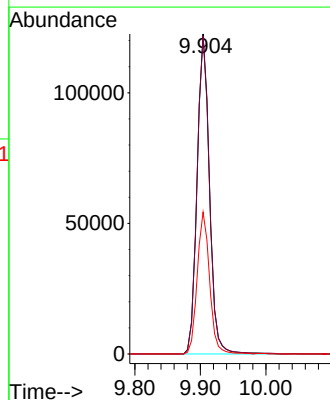
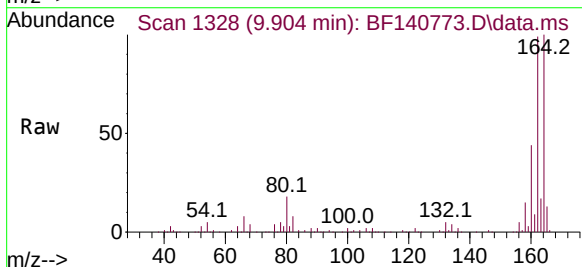
Instrument :
BNA_F
ClientSampleId :
TAPIAL2-IDW-SOIL-120424-00-T2

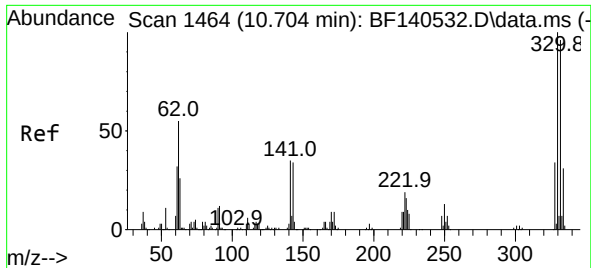
Tgt Ion:	82	Resp:	501508
Ion Ratio	Lower	Upper	
82	100		
128	43.6	33.0	49.4
54	47.7	39.5	59.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140773.D
Acq: 06 Dec 2024 18:08

Tgt Ion:	164	Resp:	161217
Ion Ratio	Lower	Upper	
164	100		
162	99.3	80.6	120.8
160	44.3	36.2	54.4

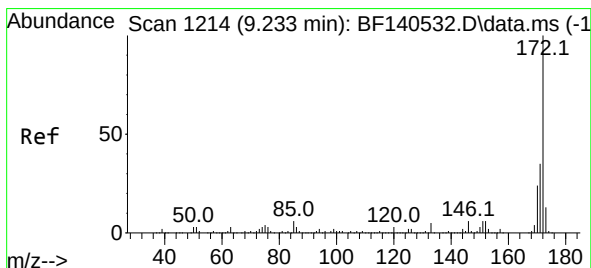
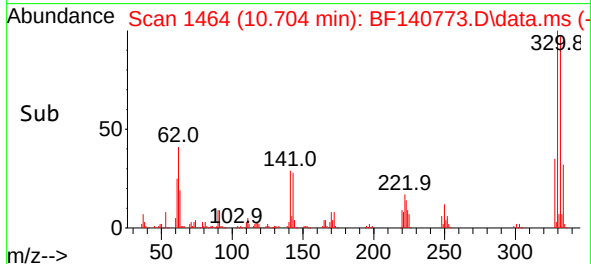
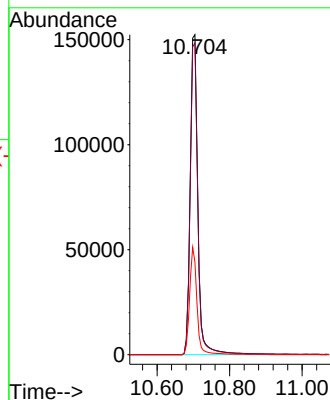
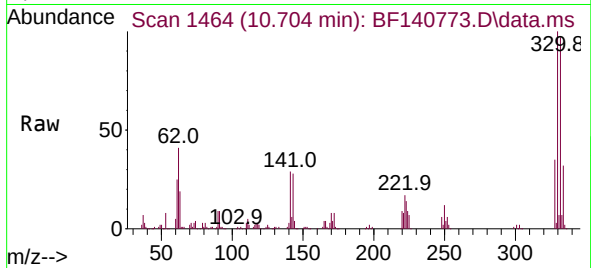




#42
2,4,6-Tribromophenol
Concen: 130.033 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140773.D
Acq: 06 Dec 2024 18:08

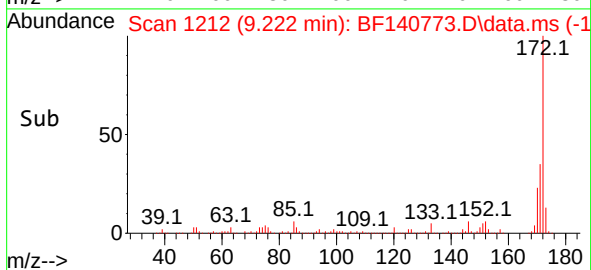
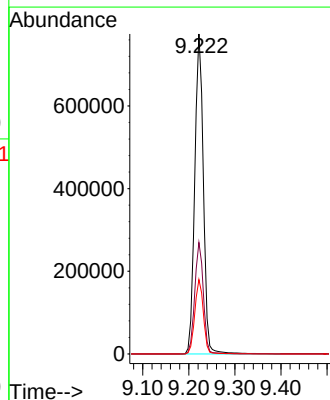
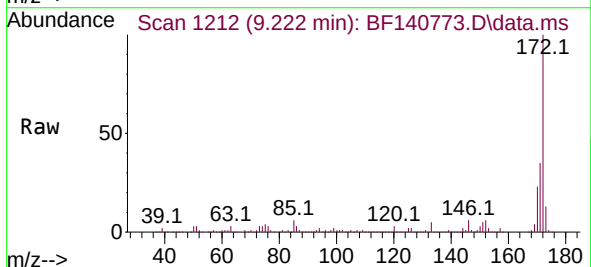
Instrument :
BNA_F
ClientSampleId :
TAPIAL2-IDW-SOIL-120424-00-T2

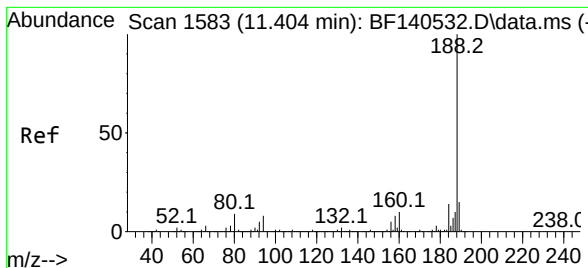
Tgt Ion: 330 Resp: 224206
Ion Ratio Lower Upper
330 100
332 97.1 76.9 115.3
141 32.2 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 92.957 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140773.D
Acq: 06 Dec 2024 18:08

Tgt Ion: 172 Resp: 1005825
Ion Ratio Lower Upper
172 100
171 34.9 28.4 42.6
170 23.3 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140773.D

Acq: 06 Dec 2024 18:08

Instrument :

BNA_F

ClientSampleId :

TAPIAL2-IDW-SOIL-120424-00-T2

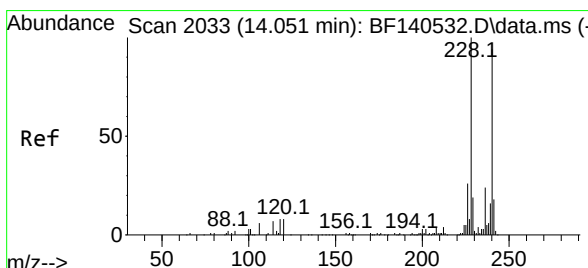
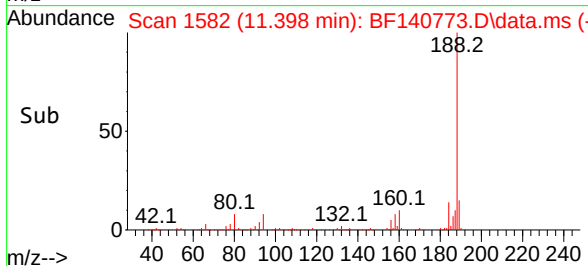
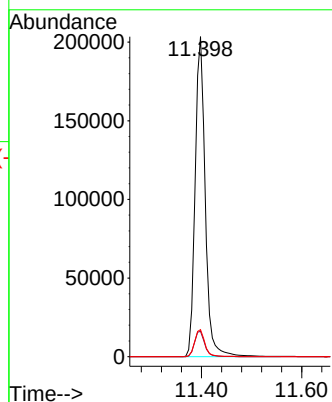
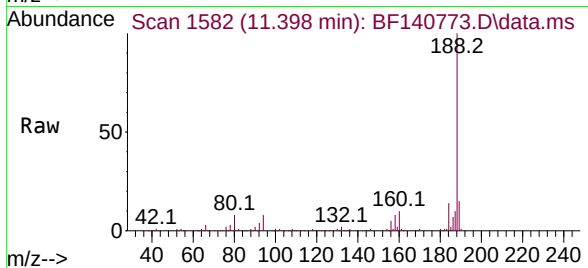
Tgt Ion:188 Resp: 283365

Ion Ratio Lower Upper

188 100

94 7.9 6.4 9.6

80 8.5 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF140773.D

Acq: 06 Dec 2024 18:08

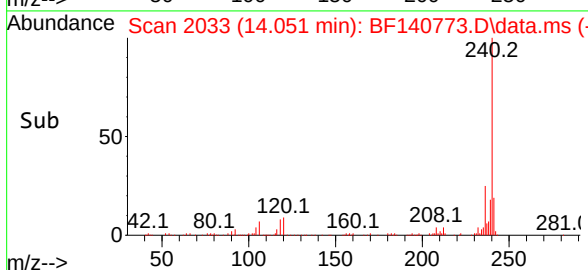
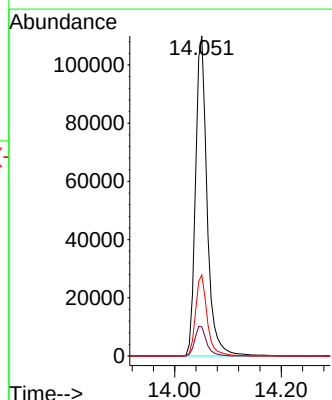
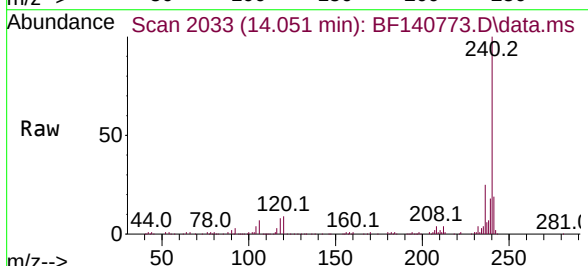
Tgt Ion:240 Resp: 166085

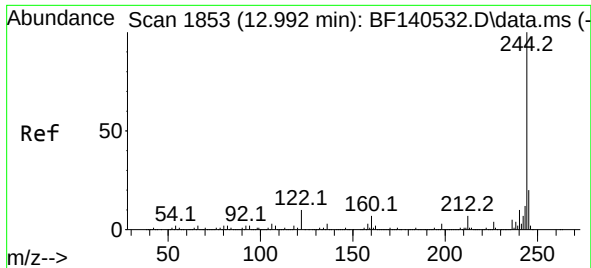
Ion Ratio Lower Upper

240 100

120 9.1 7.3 10.9

236 25.3 20.6 31.0

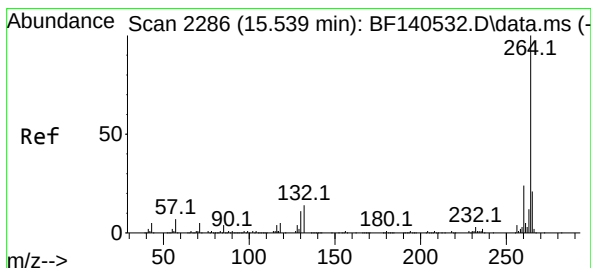
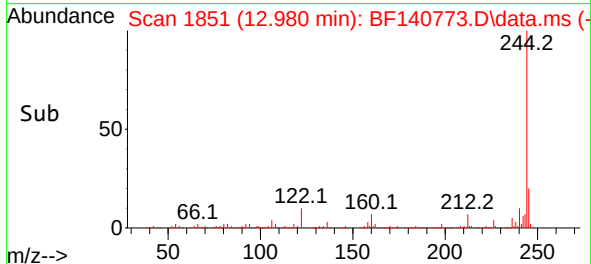
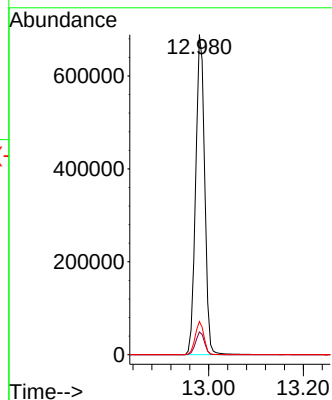
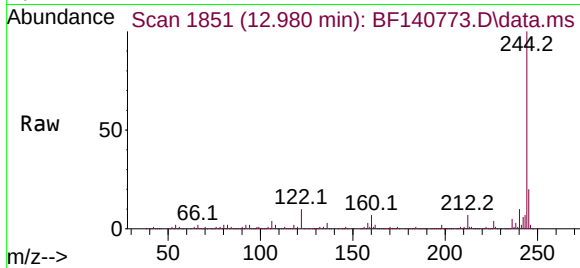




#79
 Terphenyl-d14
 Concen: 85.340 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF140773.D
 Acq: 06 Dec 2024 18:08

Instrument :
 BNA_F
 ClientSampleId :
 TAPIAL2-IDW-SOIL-120424-00-T2

Tgt Ion:244 Resp: 910243
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 10.4 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2288
 Delta R.T. 0.012 min
 Lab File: BF140773.D
 Acq: 06 Dec 2024 18:08

Tgt Ion:264 Resp: 166285
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.0 28.6
 265 21.1 16.6 25.0

