

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122024\
 Data File : BF140955.D
 Acq On : 20 Dec 2024 17:14
 Operator : RC/JU
 Sample : P5306-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-VSL-10-121224

Quant Time: Dec 20 21:59:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	49587	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	194335	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	109105	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	208663	20.000	ng	0.00
76) Chrysene-d12	14.027	240	159926	20.000	ng	0.00
86) Perylene-d12	15.516	264	129368	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	481301	159.782	ng	0.01
7) Phenol-d6	6.498	99	649038	162.677	ng	0.00
23) Nitrobenzene-d5	7.416	82	406749	104.717	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	201064	155.815	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	847579	106.805	ng	0.00
79) Terphenyl-d14	12.957	244	1029776	101.536	ng	0.00

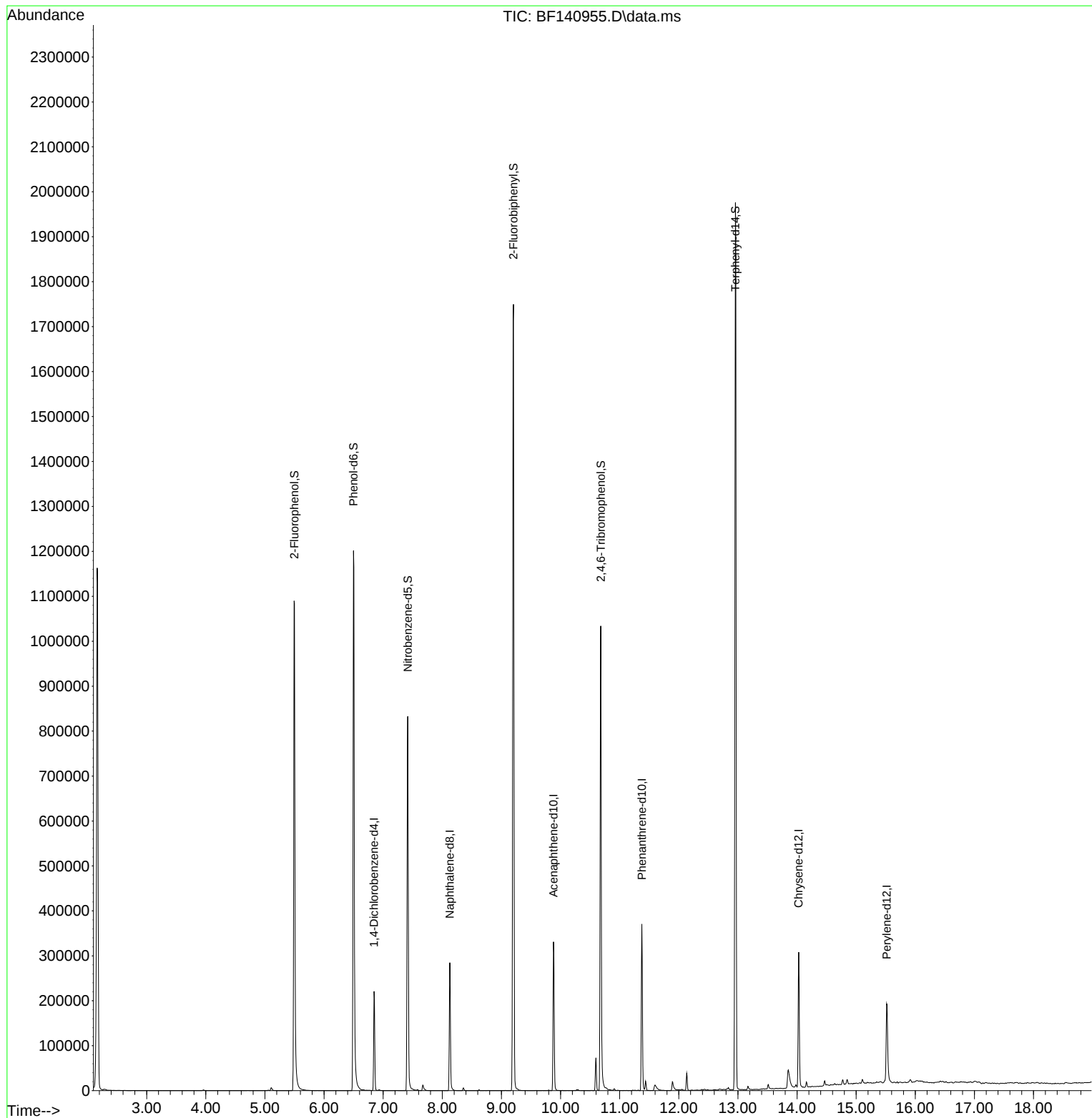
Target Compounds	Qvalue

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

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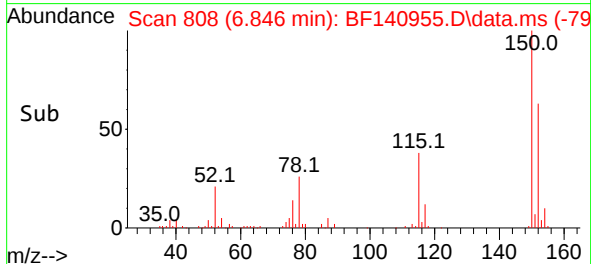
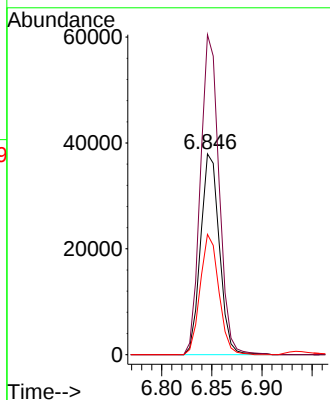
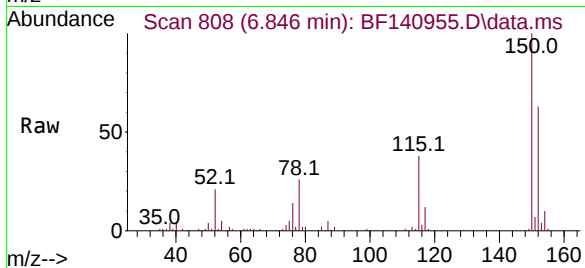




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 809
Delta R.T. -0.005 min
Lab File: BF140955.D
Acq: 20 Dec 2024 17:14

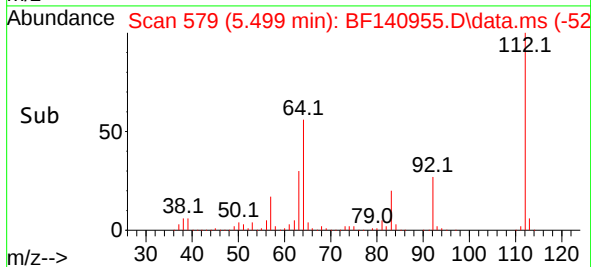
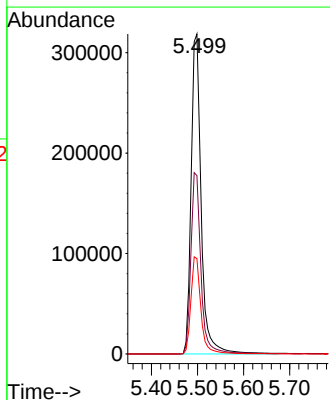
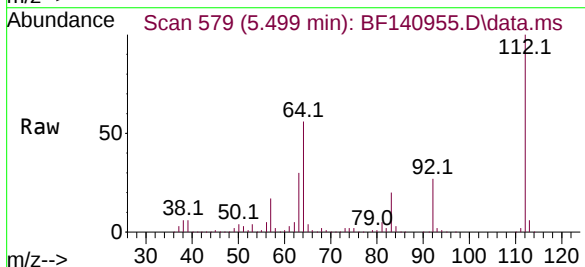
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-10-121224

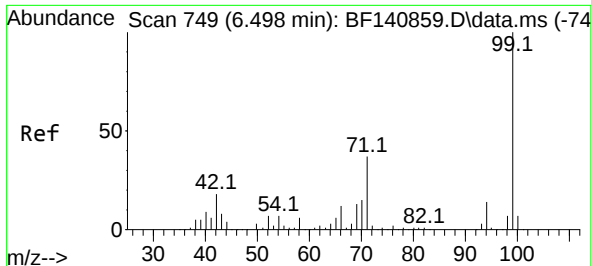
Tgt Ion:152 Resp: 49587
Ion Ratio Lower Upper
152 100
150 159.3 127.9 191.9
115 59.9 48.0 72.0



#5
2-Fluorophenol
Concen: 159.782 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF140955.D
Acq: 20 Dec 2024 17:14

Tgt Ion:112 Resp: 481301
Ion Ratio Lower Upper
112 100
64 55.8 46.1 69.1
63 29.8 24.9 37.3





#7

Phenol-d6

Concen: 162.677 ng

RT: 6.498 min Scan# 749

Delta R.T. 0.000 min

Lab File: BF140955.D

Acq: 20 Dec 2024 17:14

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-10-121224

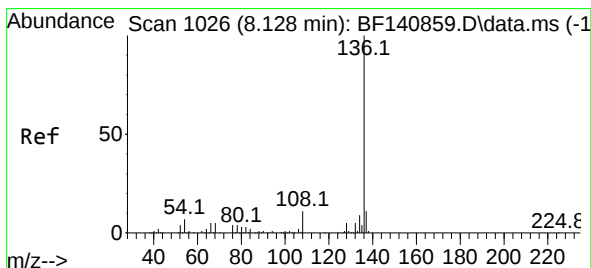
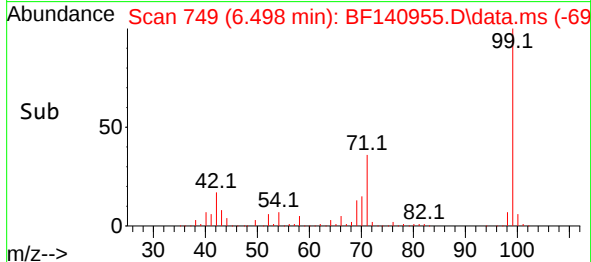
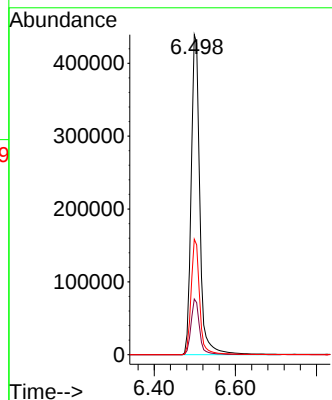
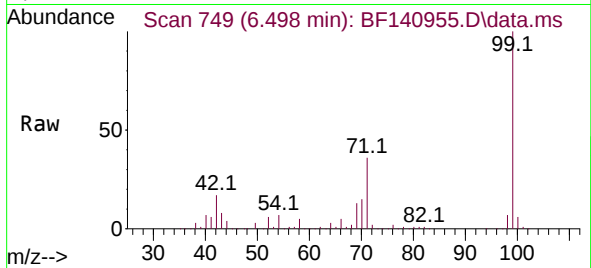
Tgt Ion: 99 Resp: 649038

Ion Ratio Lower Upper

99 100

42 17.4 14.3 21.5

71 36.1 29.9 44.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 1026

Delta R.T. 0.000 min

Lab File: BF140955.D

Acq: 20 Dec 2024 17:14

Tgt Ion: 136 Resp: 194335

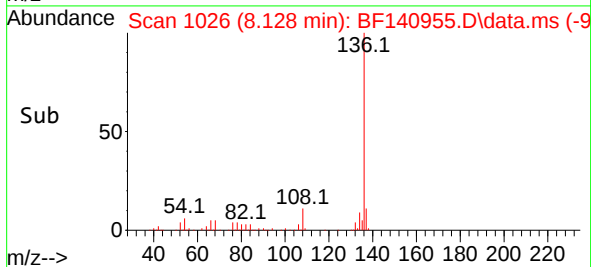
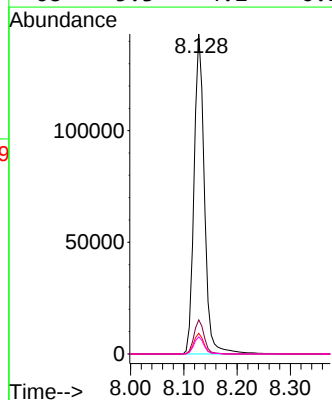
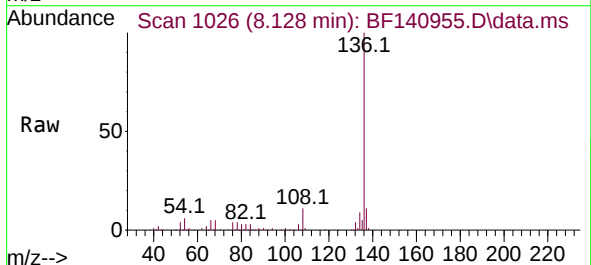
Ion Ratio Lower Upper

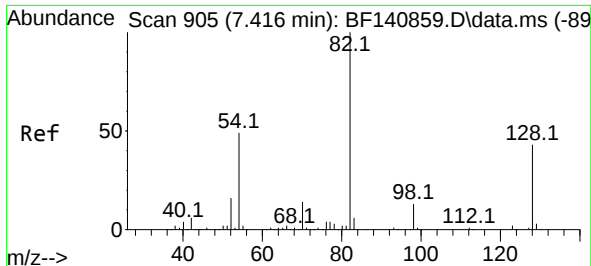
136 100

137 10.7 9.0 13.4

54 6.4 5.6 8.4

68 5.3 4.2 6.2





#23

Nitrobenzene-d5

Concen: 104.717 ng

RT: 7.416 min Scan# 905

Delta R.T. 0.000 min

Lab File: BF140955.D

Acq: 20 Dec 2024 17:14

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-10-121224

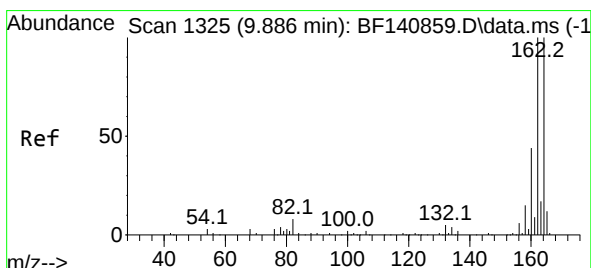
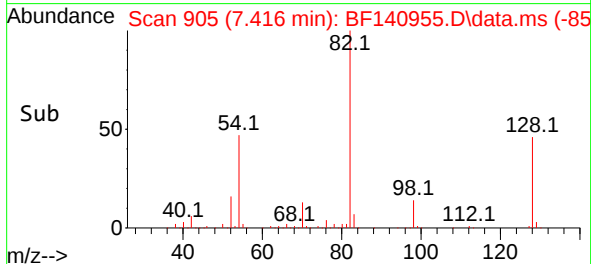
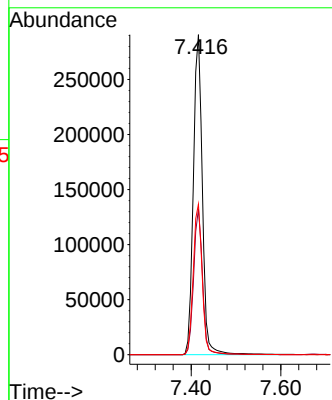
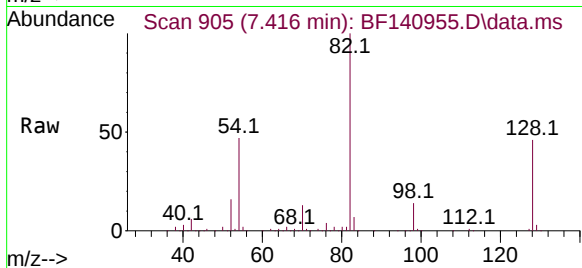
Tgt Ion: 82 Resp: 406749

Ion Ratio Lower Upper

82 100

128 45.5 34.4 51.6

54 47.1 38.8 58.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.881 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF140955.D

Acq: 20 Dec 2024 17:14

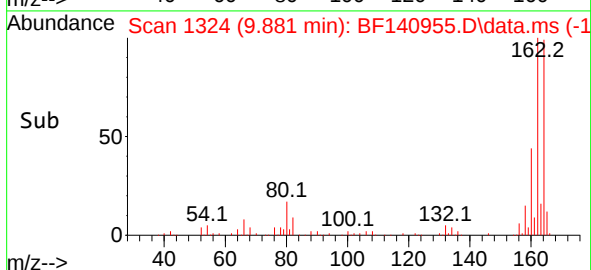
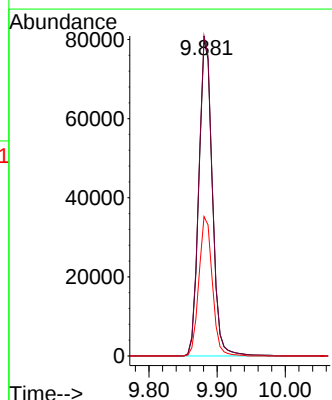
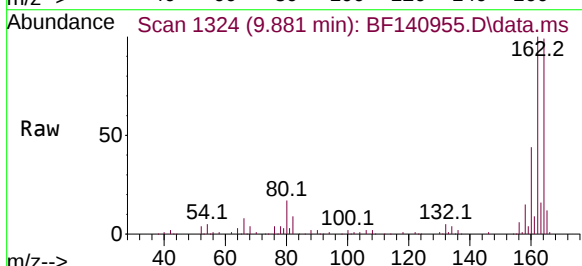
Tgt Ion:164 Resp: 109105

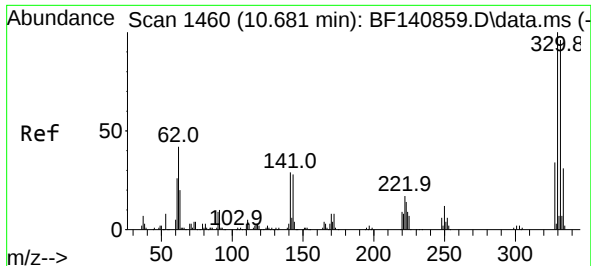
Ion Ratio Lower Upper

164 100

162 101.1 79.9 119.9

160 44.1 35.2 52.8

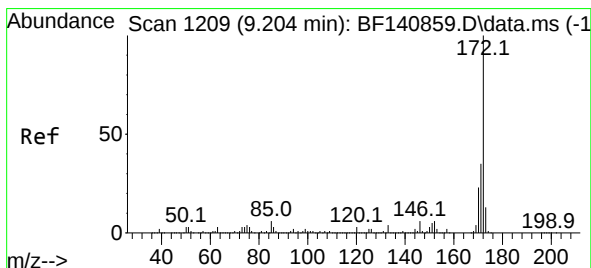
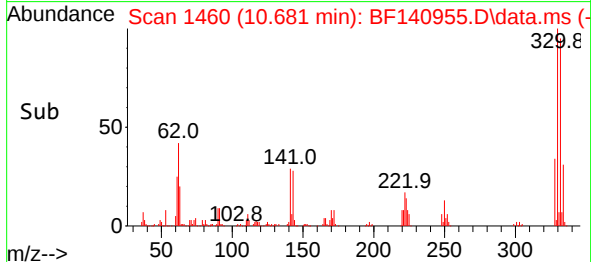
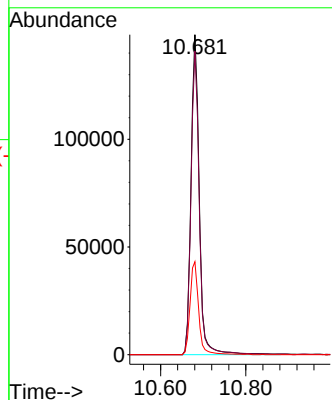
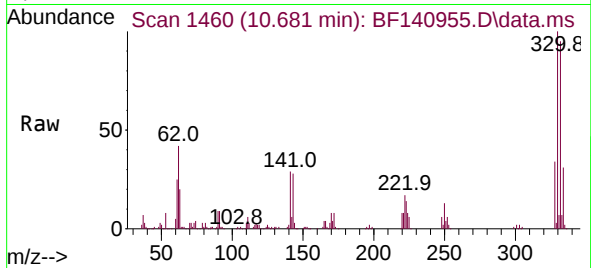




#42
2,4,6-Tribromophenol
Concen: 155.815 ng
RT: 10.681 min Scan# 1460
Delta R.T. 0.000 min
Lab File: BF140955.D
Acq: 20 Dec 2024 17:14

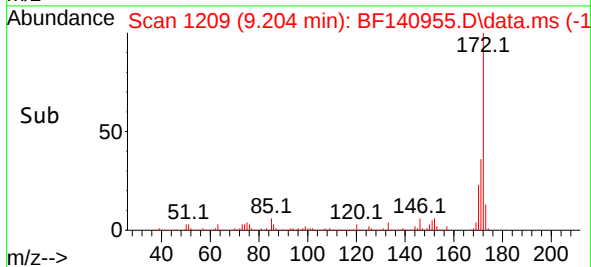
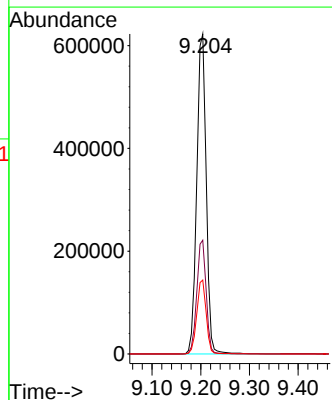
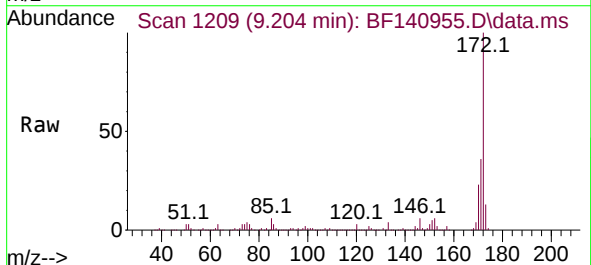
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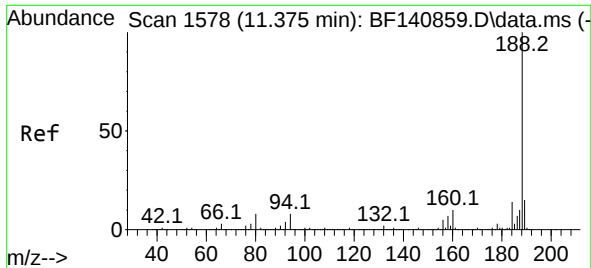
Tgt Ion:330 Resp: 201064
Ion Ratio Lower Upper
330 100
332 95.0 76.2 114.4
141 30.2 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 106.805 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF140955.D
Acq: 20 Dec 2024 17:14

Tgt Ion:172 Resp: 847579
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.1 18.6 28.0

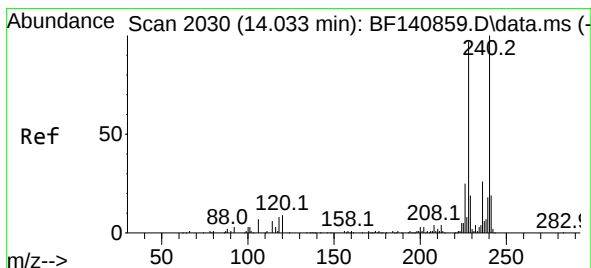
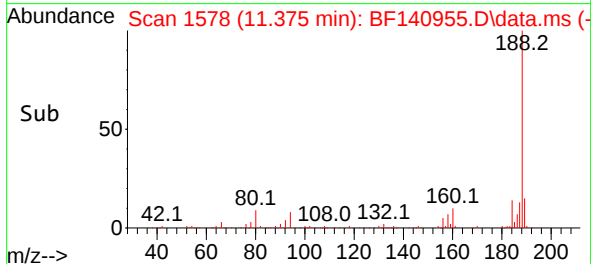
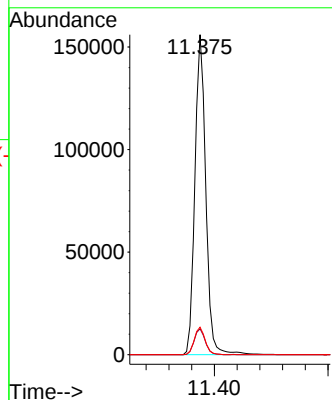
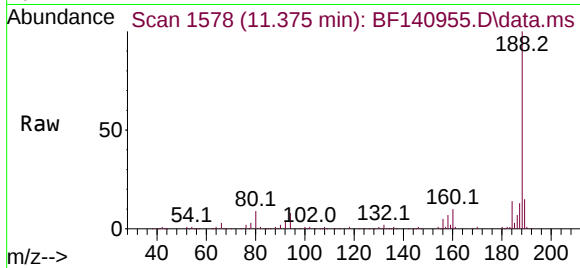




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140955.D
Acq: 20 Dec 2024 17:14

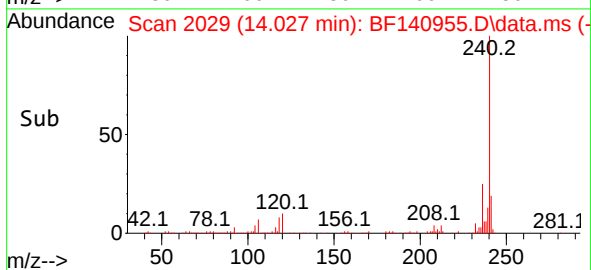
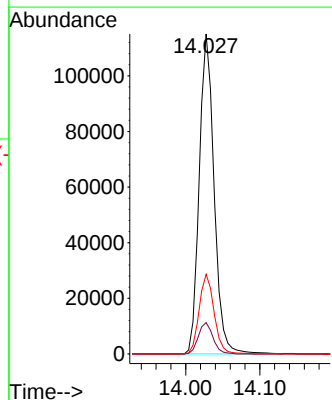
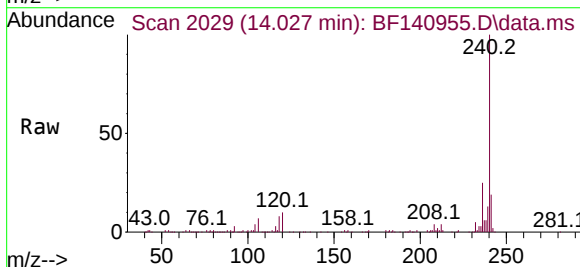
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-10-121224

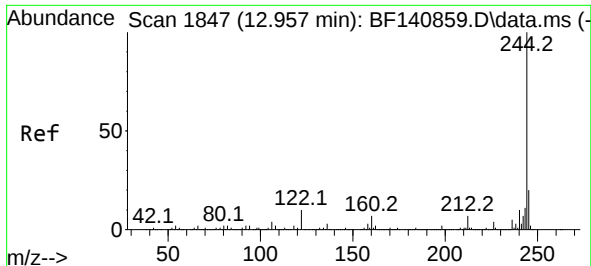
Tgt Ion:188 Resp: 208663
Ion Ratio Lower Upper
188 100
94 8.1 6.4 9.6
80 8.6 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF140955.D
Acq: 20 Dec 2024 17:14

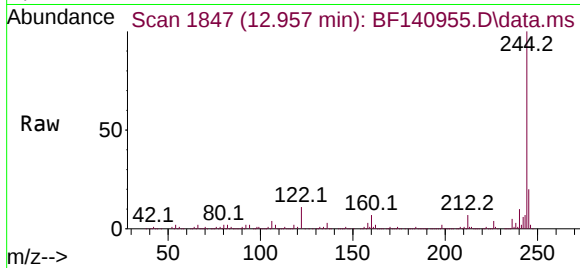
Tgt Ion:240 Resp: 159926
Ion Ratio Lower Upper
240 100
120 9.8 7.6 11.4
236 24.9 20.5 30.7



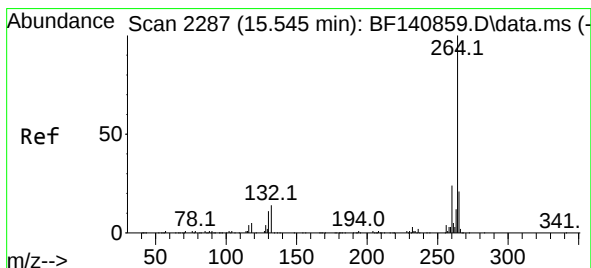
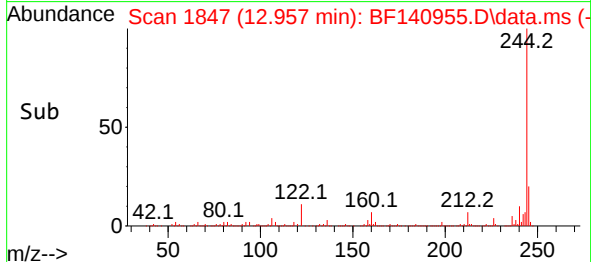
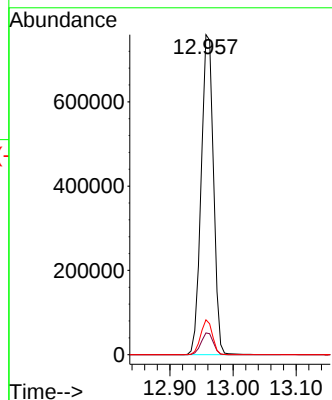


#79
 Terphenyl-d14
 Concen: 101.536 ng
 RT: 12.957 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF140955.D
 Acq: 20 Dec 2024 17:14

Instrument :
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Tgt Ion:244 Resp: 1029776
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.9 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.516 min Scan# 2282
 Delta R.T. -0.029 min
 Lab File: BF140955.D
 Acq: 20 Dec 2024 17:14

Tgt Ion:264 Resp: 129368
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.1 28.7
 265 21.3 17.0 25.4

