

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120324\
 Data File : BF140713.D
 Acq On : 03 Dec 2024 16:16
 Operator : RC/JU
 Sample : P5052-19
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-640-COMP-63

Quant Time: Dec 03 16:39:11 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	77226	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	302553	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	187592	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	367282	20.000	ng	0.00
76) Chrysene-d12	14.057	240	191356	20.000	ng	0.00
86) Perylene-d12	15.586	264	190537	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	466095	102.978	ng	0.00
7) Phenol-d6	6.510	99	609832	101.915	ng	0.00
23) Nitrobenzene-d5	7.434	82	405182	68.501	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	217220	108.268	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	861448	68.420	ng	-0.01
79) Terphenyl-d14	12.980	244	855332	69.601	ng	-0.01

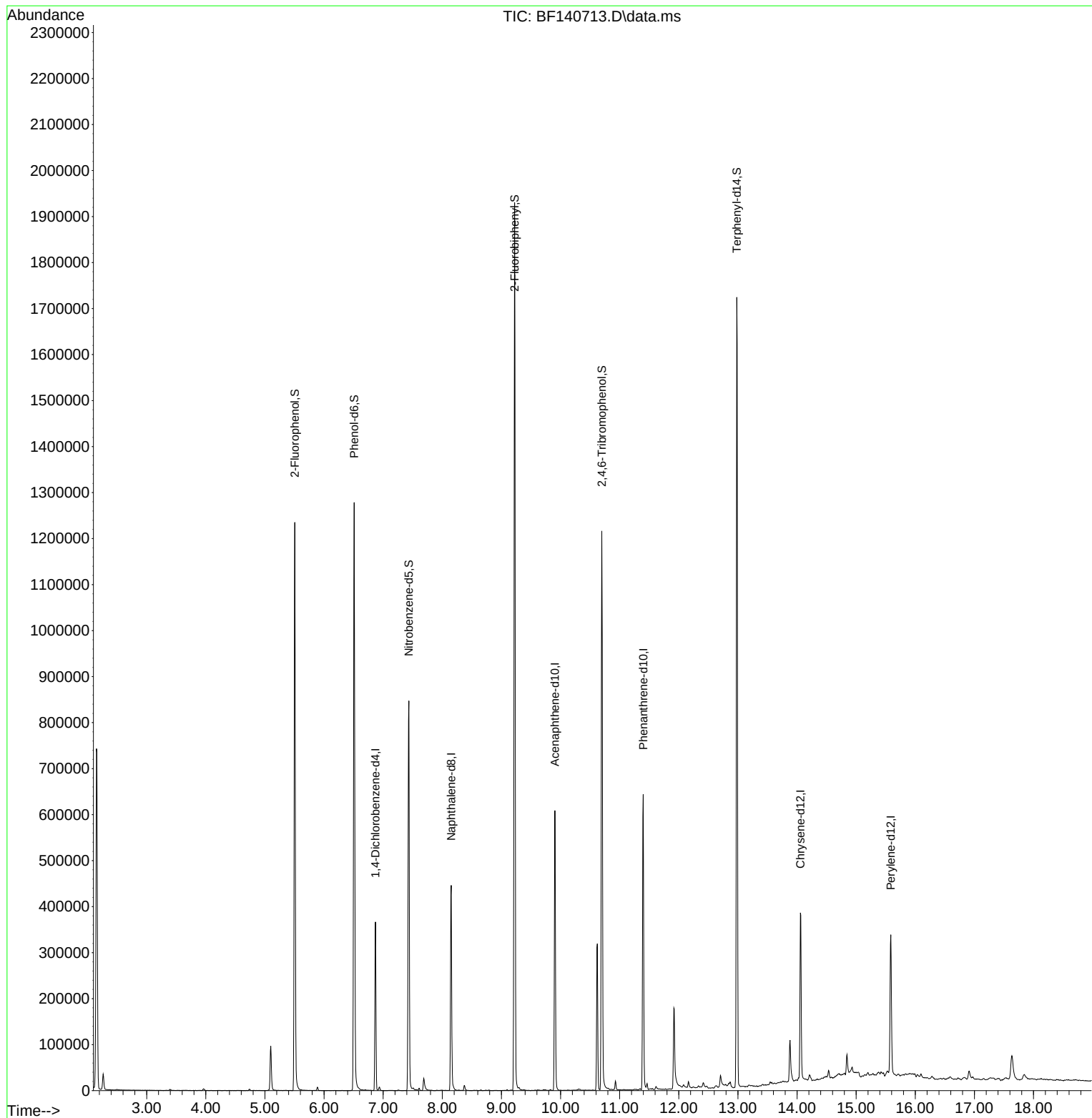
Target Compounds	Qvalue

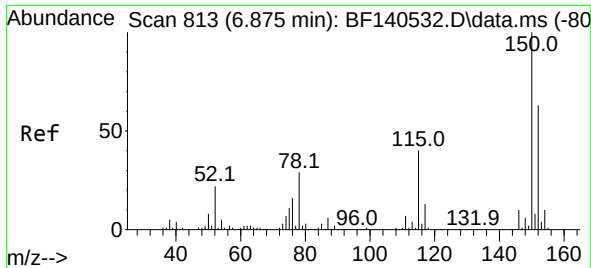
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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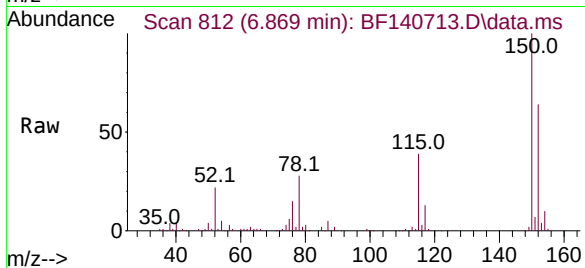
Quant Time: Dec 03 16:39:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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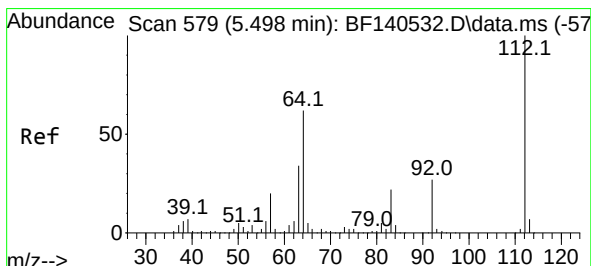
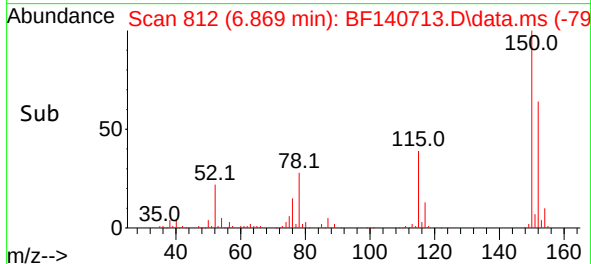
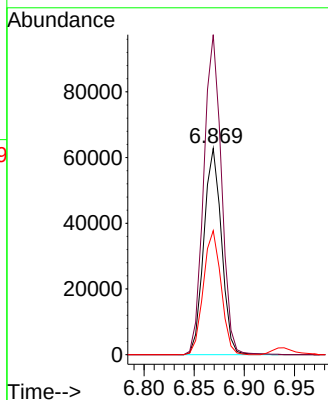


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140713.D
Acq: 03 Dec 2024 16:16

Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63

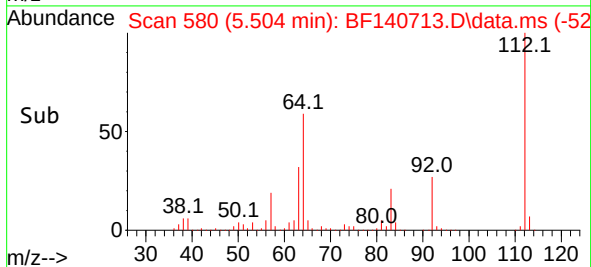
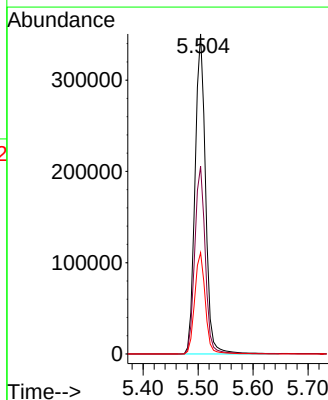
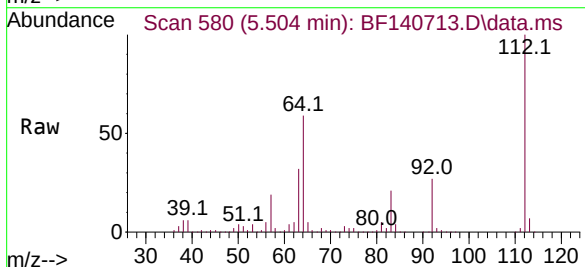


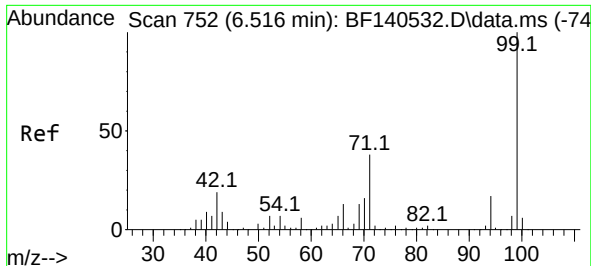
Tgt Ion:152 Resp: 77226
Ion Ratio Lower Upper
152 100
150 155.1 128.5 192.7
115 60.1 50.2 75.4



#5
2-Fluorophenol
Concen: 102.978 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140713.D
Acq: 03 Dec 2024 16:16

Tgt Ion:112 Resp: 466095
Ion Ratio Lower Upper
112 100
64 58.7 49.2 73.8
63 31.7 27.0 40.4

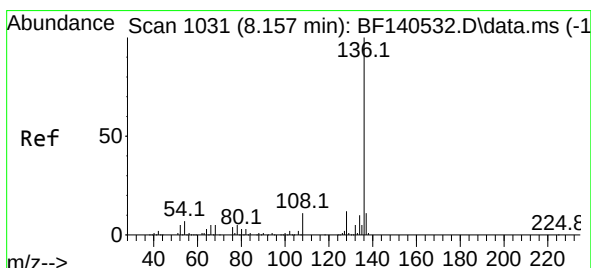
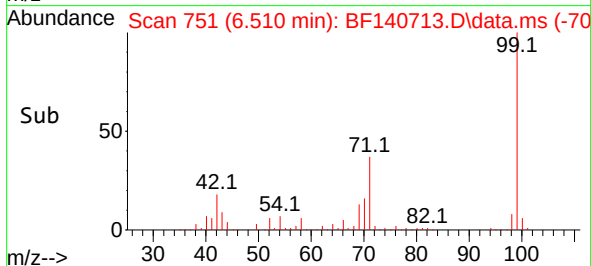
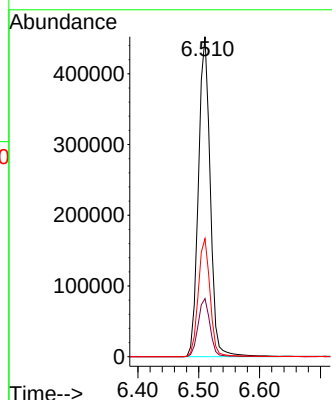
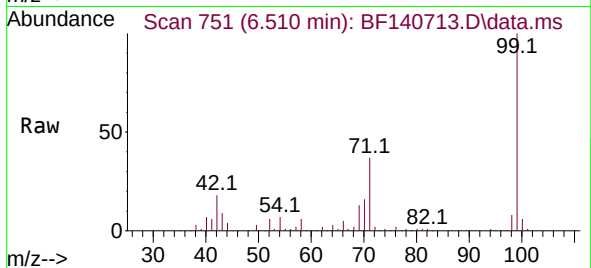




#7
Phenol-d6
Concen: 101.915 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140713.D
Acq: 03 Dec 2024 16:16

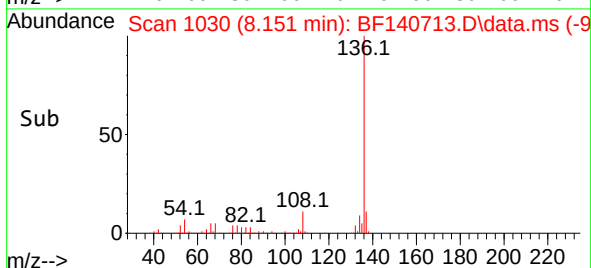
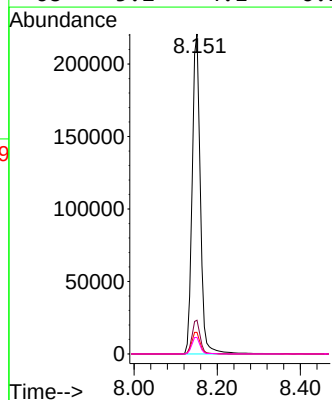
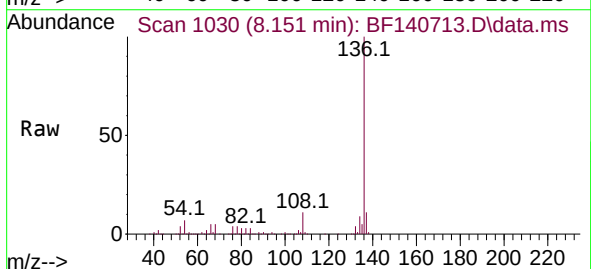
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63

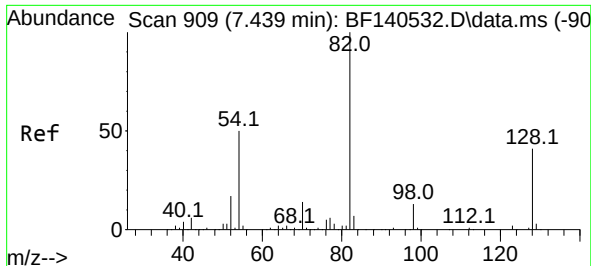
Tgt Ion: 99 Resp: 609832
Ion Ratio Lower Upper
99 100
42 18.1 15.4 23.0
71 36.9 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140713.D
Acq: 03 Dec 2024 16:16

Tgt Ion: 136 Resp: 302553
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 6.8 5.8 8.8
68 5.2 4.1 6.1

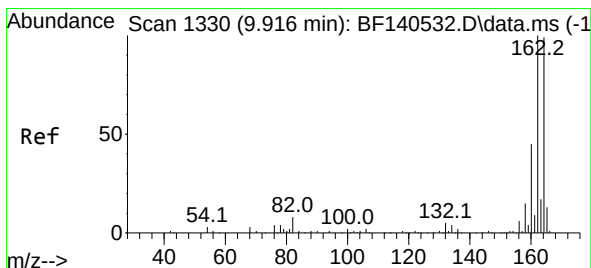
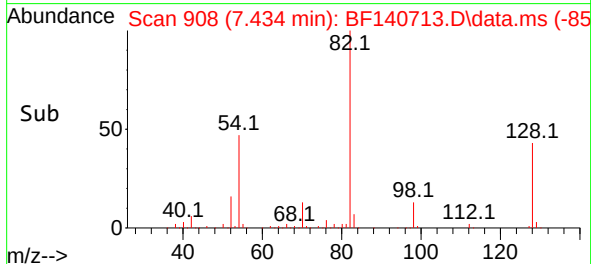
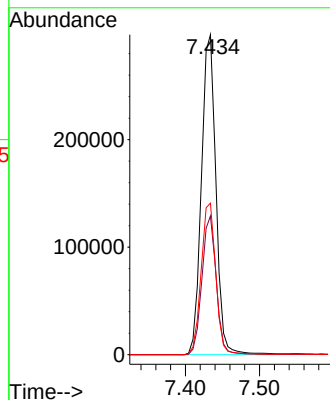
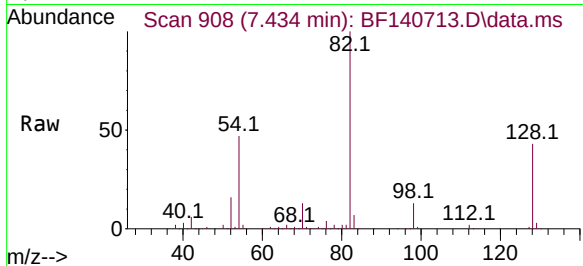




#23
Nitrobenzene-d5
Concen: 68.501 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140713.D
Acq: 03 Dec 2024 16:16

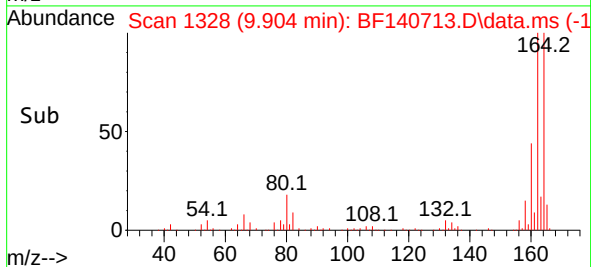
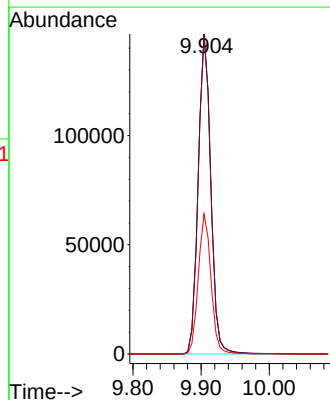
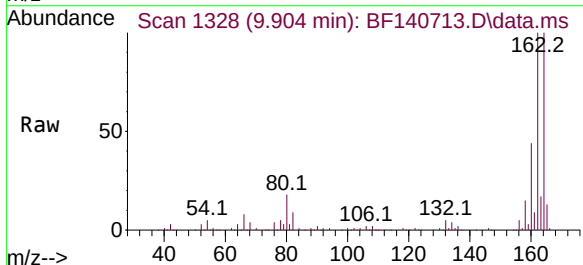
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63

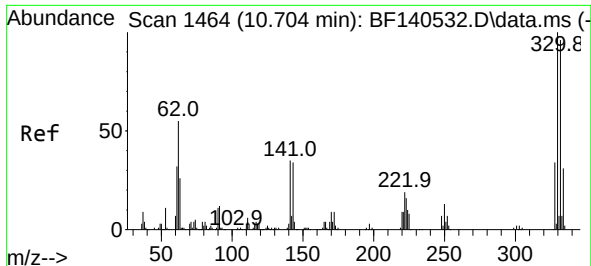
Tgt Ion: 82 Resp: 405182
Ion Ratio Lower Upper
82 100
128 43.3 33.0 49.4
54 47.4 39.5 59.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140713.D
Acq: 03 Dec 2024 16:16

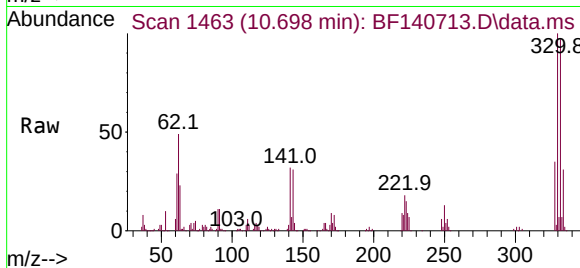
Tgt Ion:164 Resp: 187592
Ion Ratio Lower Upper
164 100
162 99.9 80.6 120.8
160 43.7 36.2 54.4



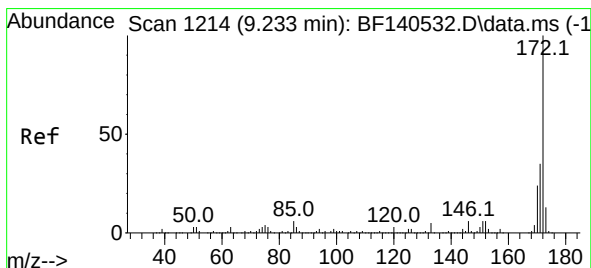
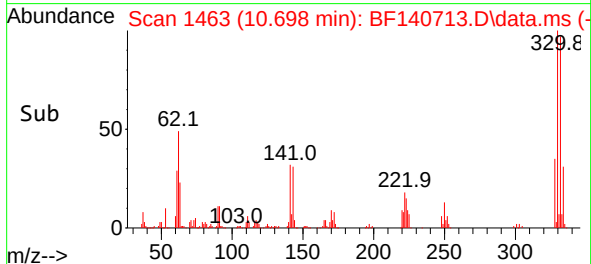
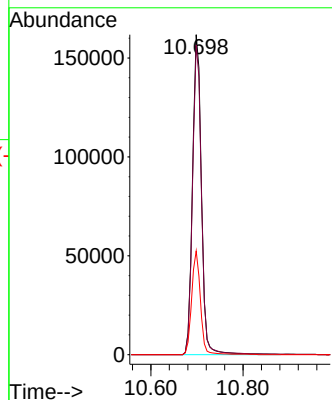


#42
2,4,6-Tribromophenol
Concen: 108.268 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140713.D
Acq: 03 Dec 2024 16:16

Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63

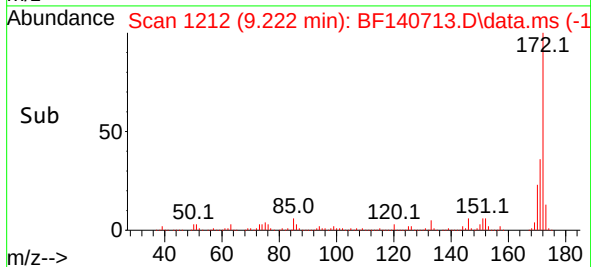
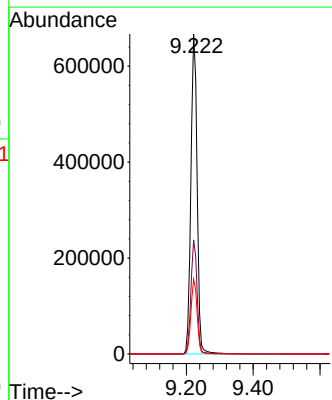
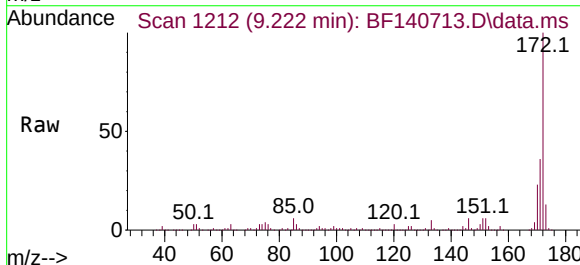


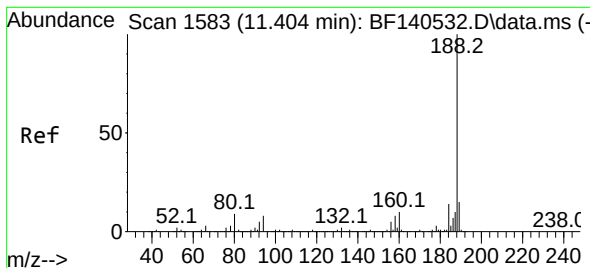
Tgt Ion:330 Resp: 217220
Ion Ratio Lower Upper
330 100
332 96.6 76.9 115.3
141 32.0 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 68.420 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140713.D
Acq: 03 Dec 2024 16:16

Tgt Ion:172 Resp: 861448
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.4 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: BF140713.D

Acq: 03 Dec 2024 16:16

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-63

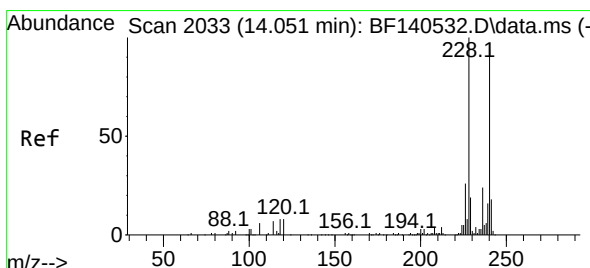
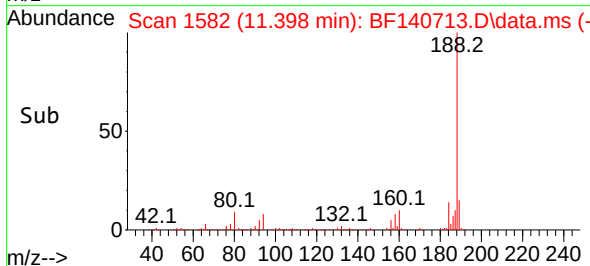
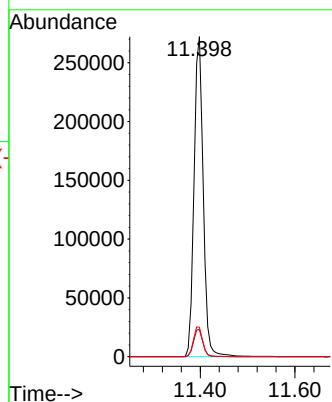
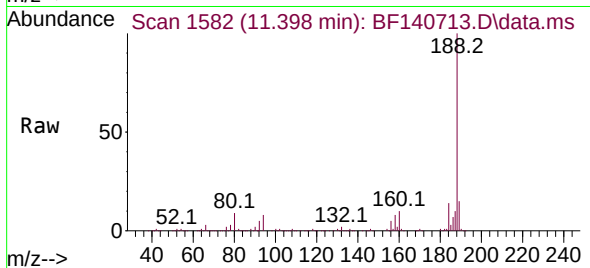
Tgt Ion:188 Resp: 367282

Ion Ratio Lower Upper

188 100

94 8.5 6.4 9.6

80 9.2 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF140713.D

Acq: 03 Dec 2024 16:16

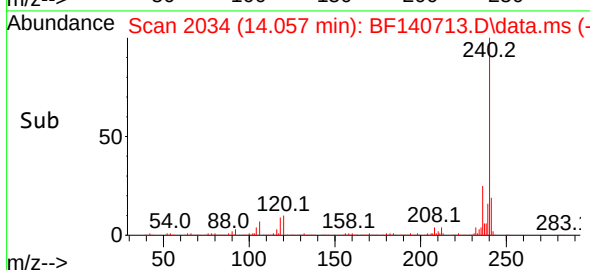
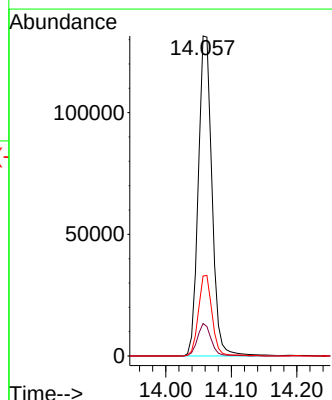
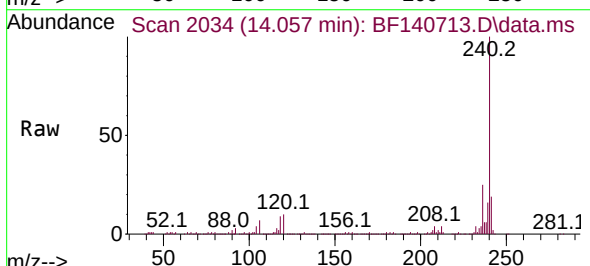
Tgt Ion:240 Resp: 191356

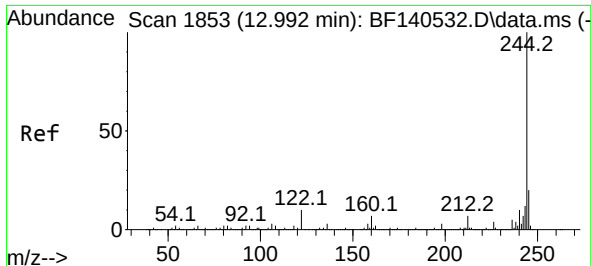
Ion Ratio Lower Upper

240 100

120 10.1 7.3 10.9

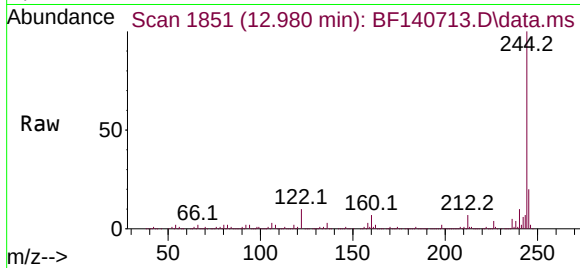
236 25.0 20.6 31.0



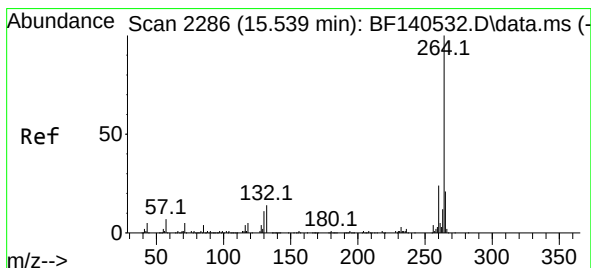
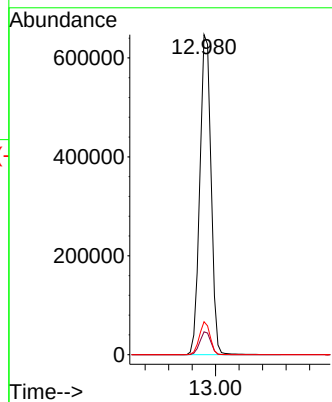
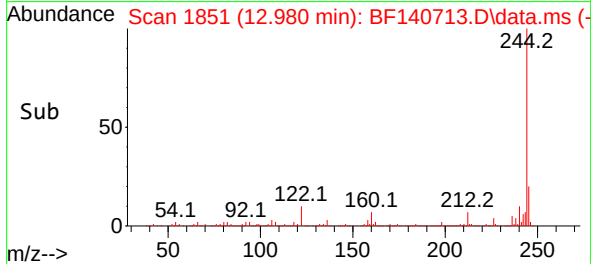


#79
 Terphenyl-d14
 Concen: 69.601 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF140713.D
 Acq: 03 Dec 2024 16:16

Instrument :
 BNA_F
 ClientSampleId :
 OR-640-COMP-63



Tgt Ion:244 Resp: 855332
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 10.3 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2294
 Delta R.T. 0.047 min
 Lab File: BF140713.D
 Acq: 03 Dec 2024 16:16

Tgt Ion:264 Resp: 190537
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 21.1 16.6 25.0

