

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103124\
 Data File : BF140181.D
 Acq On : 31 Oct 2024 11:40
 Operator : RC/JU
 Sample : P4612-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MOO-24-00335

Quant Time: Oct 31 12:58:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	101118	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	395867	20.000	ng	-0.01
39) Acenaphthene-d10	9.927	164	225855	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	390494	20.000	ng	0.00
76) Chrysene-d12	14.080	240	214724	20.000	ng	0.03
86) Perylene-d12	15.615	264	179636	20.000	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	794078	122.938	ng	0.02
7) Phenol-d6	6.510	99	933889	111.633	ng	0.00
23) Nitrobenzene-d5	7.445	82	750773	105.112	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	341993	161.884	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1304807	95.479	ng	0.00
79) Terphenyl-d14	13.016	244	1379403	104.679	ng	0.02

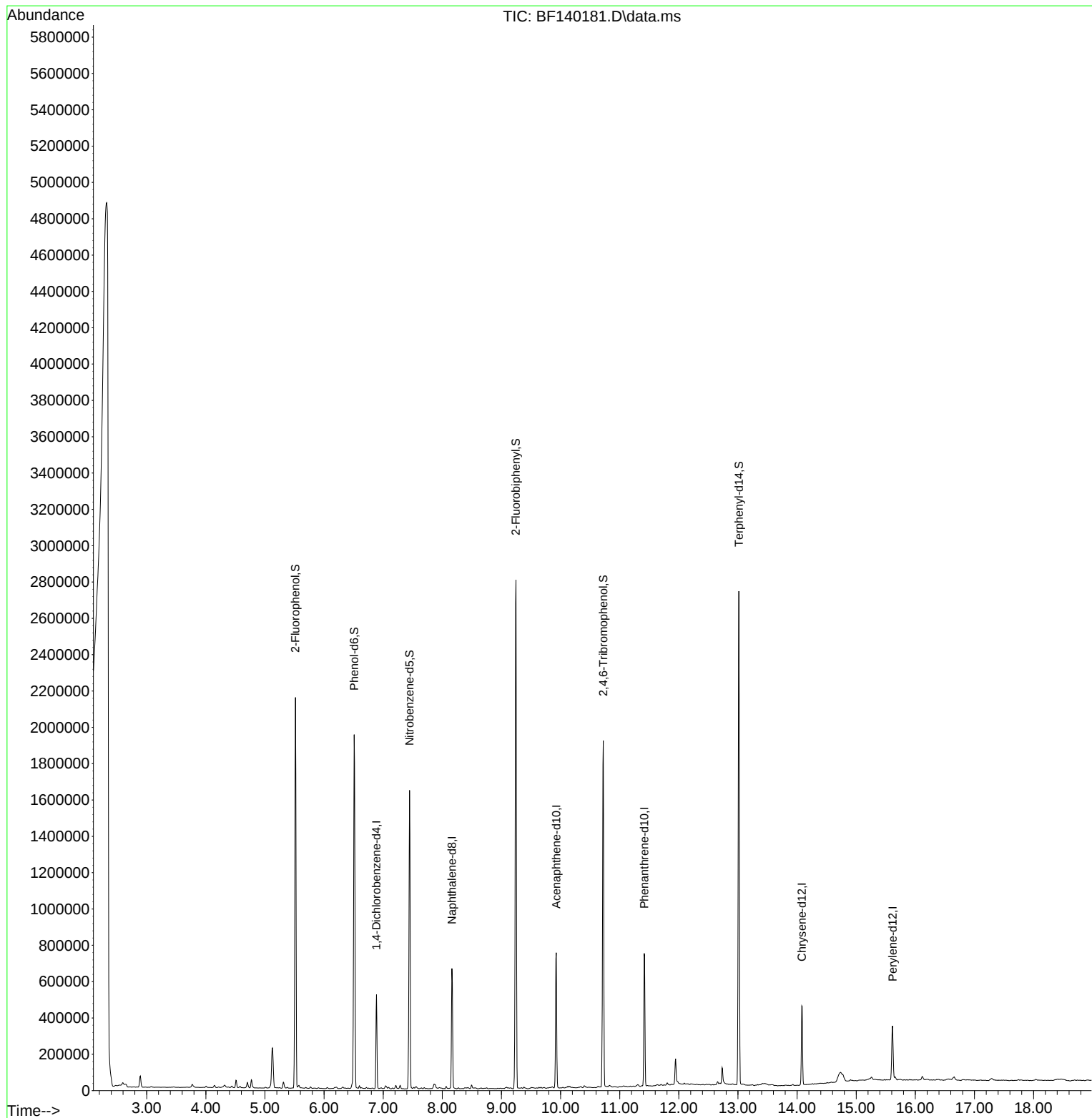
Target Compounds	Qvalue

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

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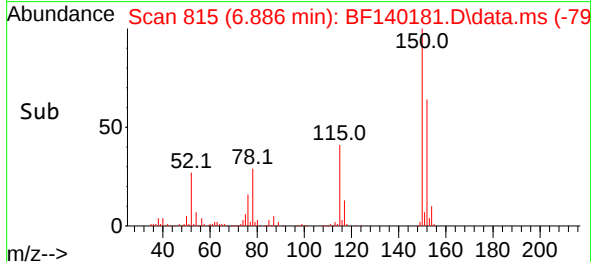
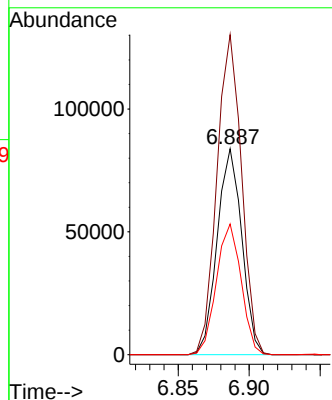
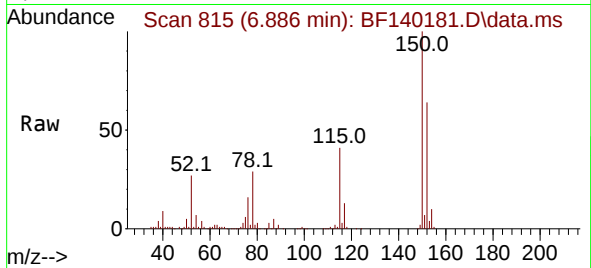




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140181.D
Acq: 31 Oct 2024 11:40

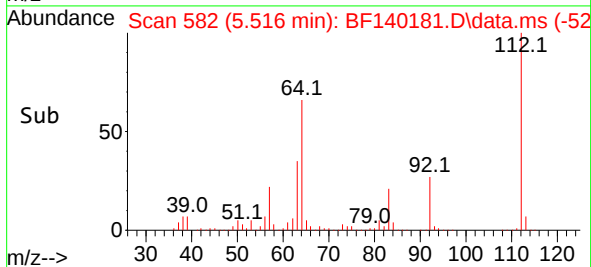
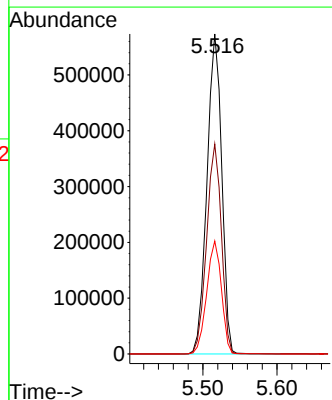
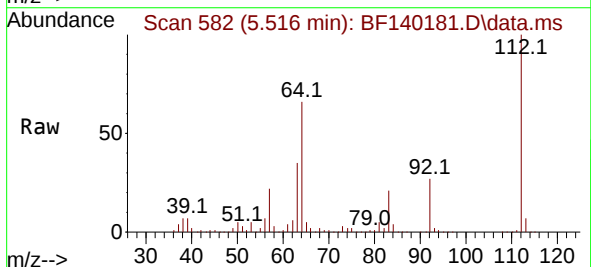
Instrument :
BNA_F
ClientSampleId :
MOO-24-00335

Tgt Ion:152 Resp: 101118
Ion Ratio Lower Upper
152 100
150 155.4 130.2 195.2
115 63.5 51.4 77.2



#5
2-Fluorophenol
Concen: 122.938 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140181.D
Acq: 31 Oct 2024 11:40

Tgt Ion:112 Resp: 794078
Ion Ratio Lower Upper
112 100
64 65.6 53.0 79.6
63 35.3 27.0 40.4

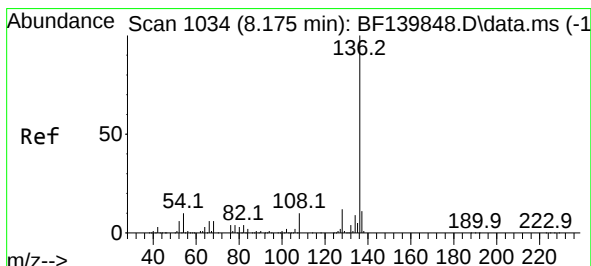
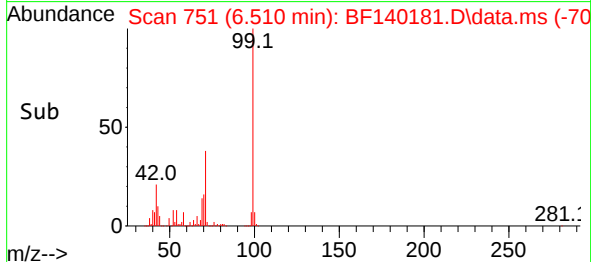
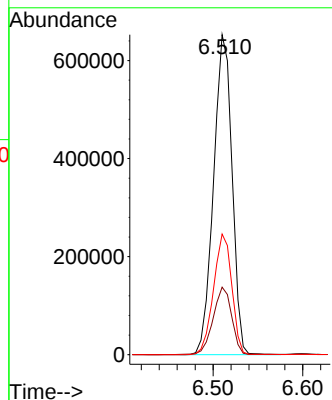
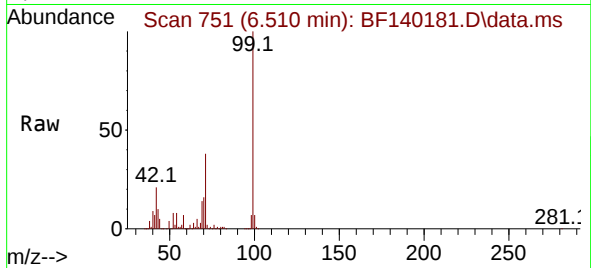




#7
Phenol-d6
Concen: 111.633 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140181.D
Acq: 31 Oct 2024 11:40

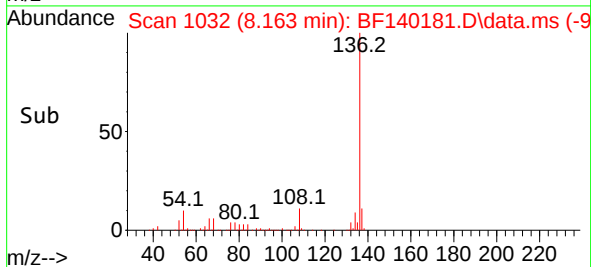
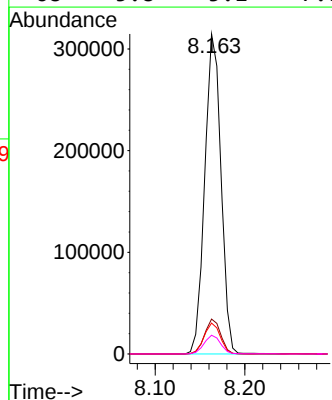
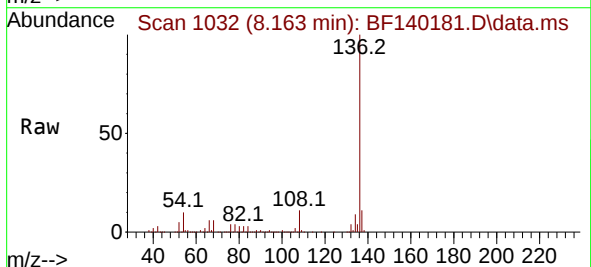
Instrument :
BNA_F
ClientSampleId :
MOO-24-00335

Tgt Ion:	99	Resp:	933889
Ion	Ratio	Lower	Upper
99	100		
42	21.1	16.7	25.1
71	37.7	27.7	41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF140181.D
Acq: 31 Oct 2024 11:40

Tgt Ion:	136	Resp:	395867
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.7	8.4	12.6
68	5.8	5.1	7.7

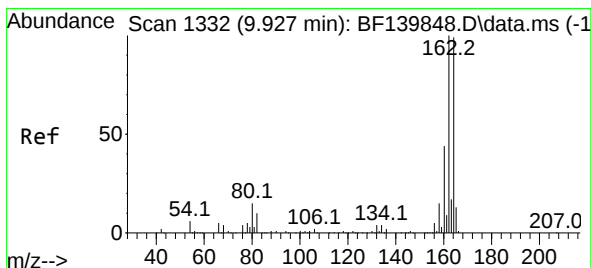
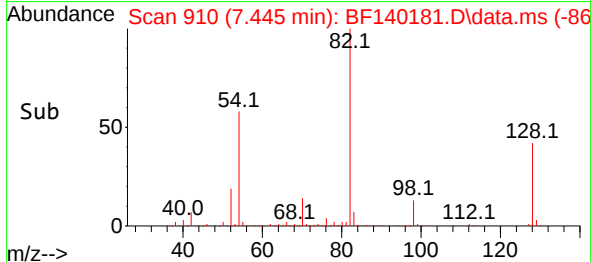
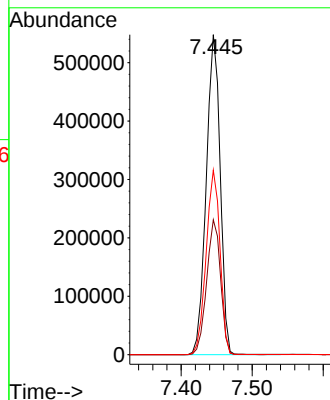
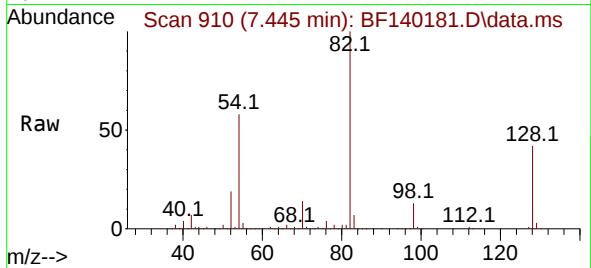




#23
Nitrobenzene-d5
Concen: 105.112 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140181.D
Acq: 31 Oct 2024 11:40

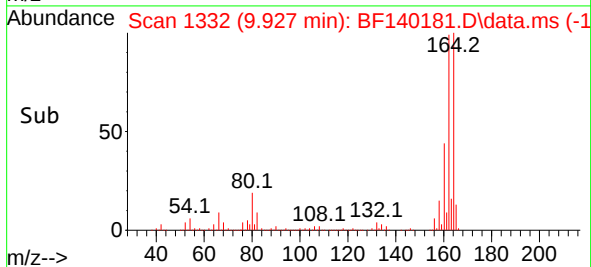
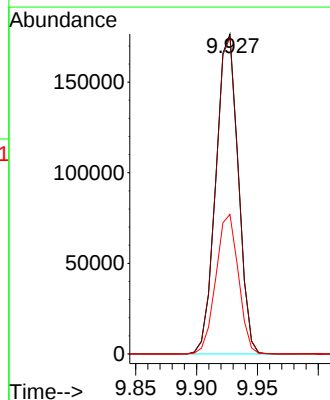
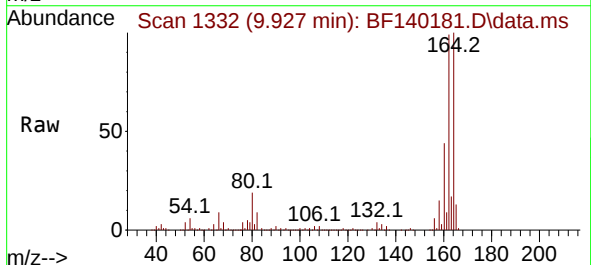
Instrument :
BNA_F
ClientSampleId :
MOO-24-00335

Tgt Ion: 82 Resp: 750773
Ion Ratio Lower Upper
82 100
128 42.1 33.4 50.0
54 57.7 47.8 71.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF140181.D
Acq: 31 Oct 2024 11:40

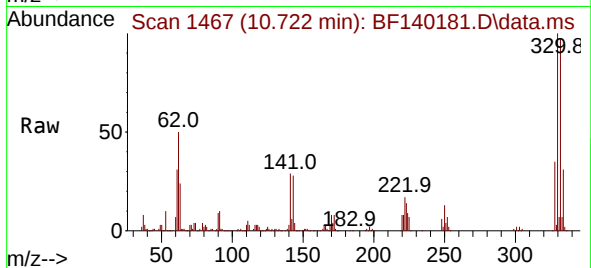
Tgt Ion: 164 Resp: 225855
Ion Ratio Lower Upper
164 100
162 99.0 81.0 121.4
160 43.6 35.4 53.0



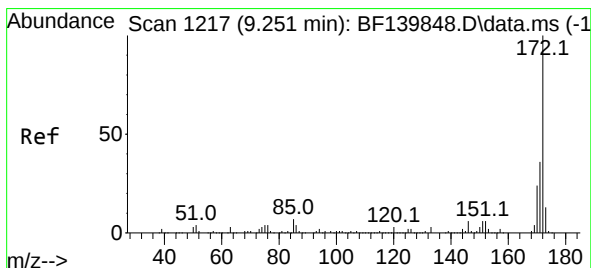
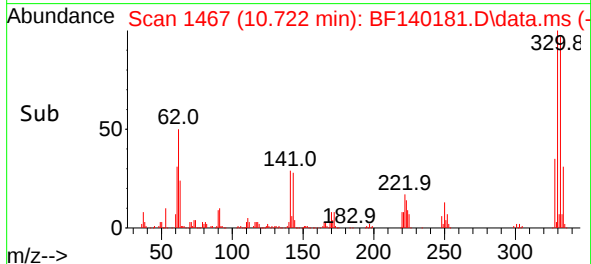
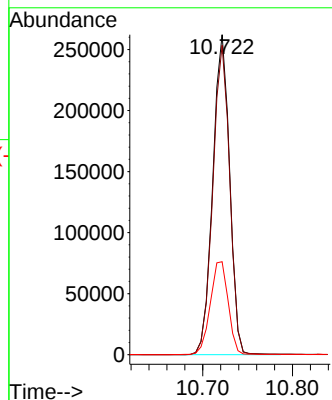


#42
2,4,6-Tribromophenol
Concen: 161.884 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF140181.D
Acq: 31 Oct 2024 11:40

Instrument :
BNA_F
ClientSampleId :
MOO-24-00335

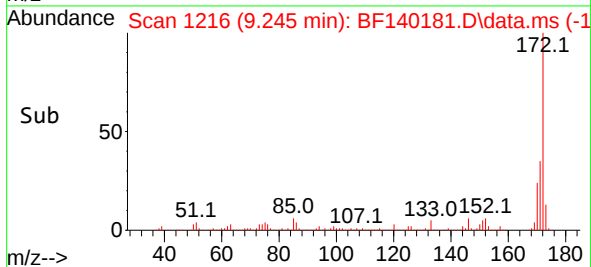
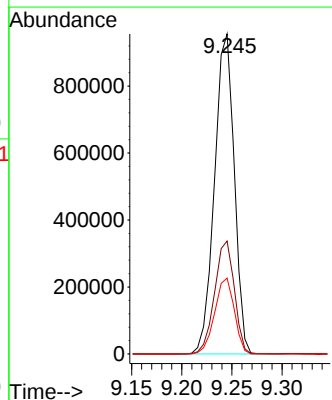
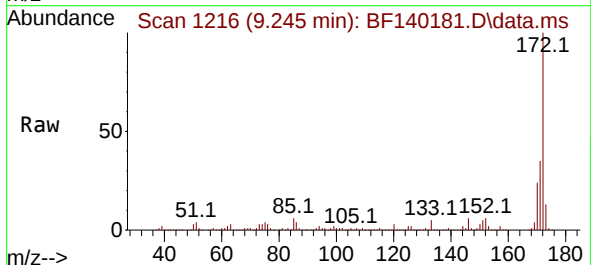


Tgt Ion: 330 Resp: 341993
Ion Ratio Lower Upper
330 100
332 96.9 78.1 117.1
141 31.0 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 95.479 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140181.D
Acq: 31 Oct 2024 11:40

Tgt Ion: 172 Resp: 1304807
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.7 19.1 28.7

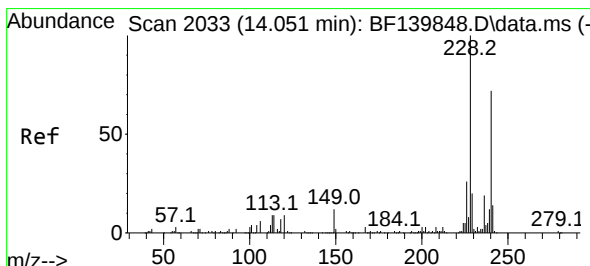
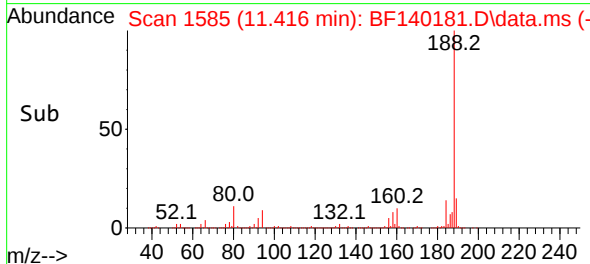
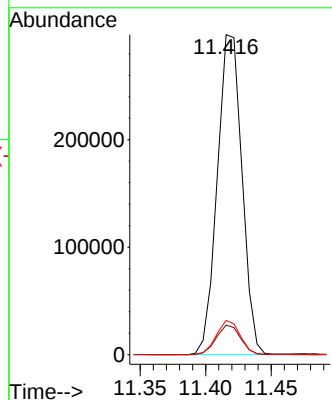
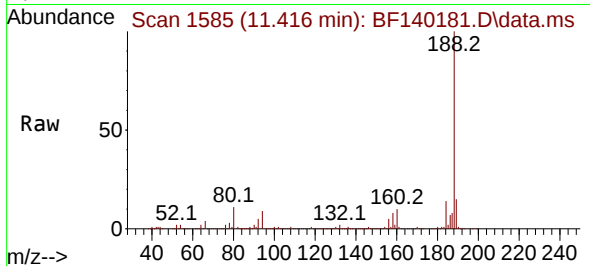




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140181.D
Acq: 31 Oct 2024 11:40

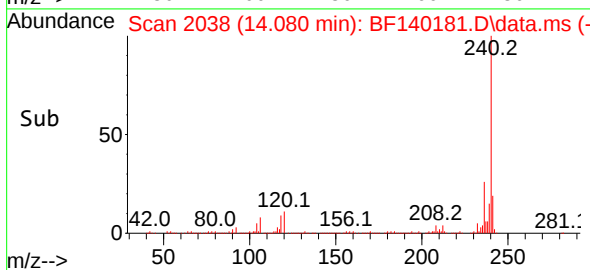
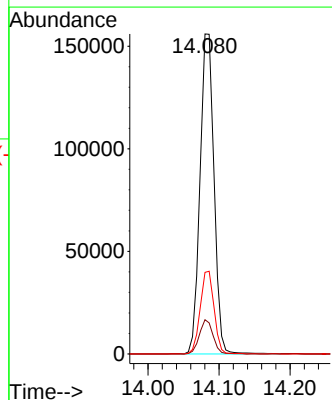
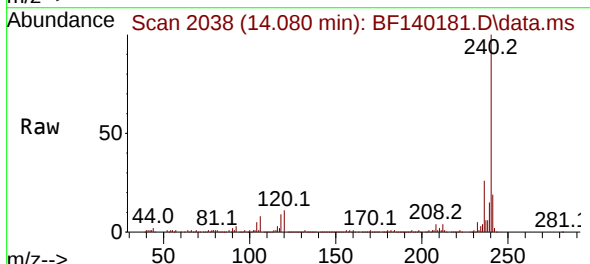
Instrument :
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ClientSampleId :
MOO-24-00335

Tgt Ion:188 Resp: 390494
Ion Ratio Lower Upper
188 100
94 9.3 7.9 11.9
80 10.7 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2038
Delta R.T. 0.029 min
Lab File: BF140181.D
Acq: 31 Oct 2024 11:40

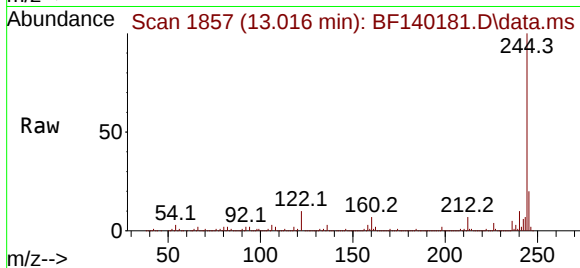
Tgt Ion:240 Resp: 214724
Ion Ratio Lower Upper
240 100
120 10.7 9.4 14.2
236 25.5 20.9 31.3





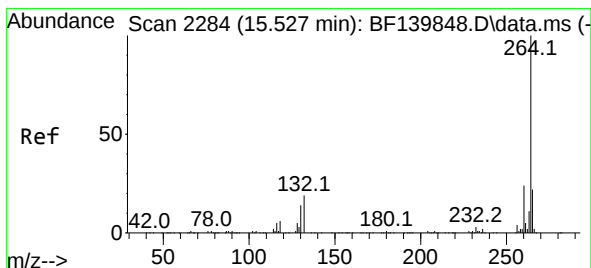
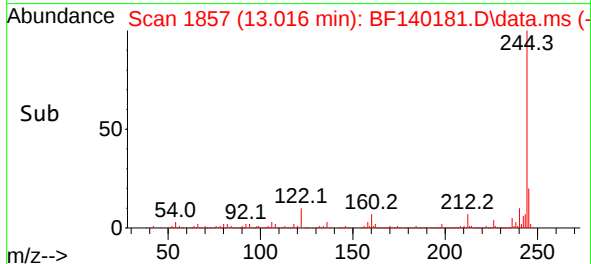
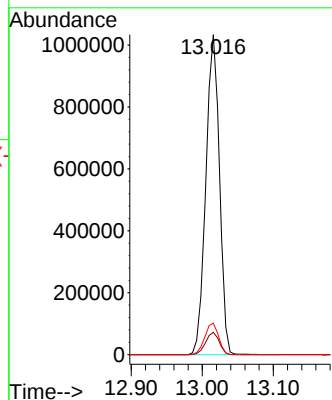
#79
 Terphenyl-d14
 Concen: 104.679 ng
 RT: 13.016 min Scan# 11
 Delta R.T. 0.018 min
 Lab File: BF140181.D
 Acq: 31 Oct 2024 11:40

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1379403

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	9.8	8.6	13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.615 min Scan# 2299
 Delta R.T. 0.088 min
 Lab File: BF140181.D
 Acq: 31 Oct 2024 11:40

Tgt Ion:264 Resp: 179636

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.5	17.4	26.0

