

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120524\
Data File : BF140747.D
Acq On : 05 Dec 2024 14:36
Operator : RC/JU
Sample : PB165383BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165383BL

Quant Time: Dec 05 15:18:30 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	70492	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	275647	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	164066	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	325670	20.000	ng	0.00
76) Chrysene-d12	14.057	240	233743	20.000	ng	0.00
86) Perylene-d12	15.574	264	188357	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	609321	147.482	ng	0.02
7) Phenol-d6	6.516	99	792456	145.087	ng	0.00
23) Nitrobenzene-d5	7.440	82	505356	93.776	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	266957	152.138	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1044302	94.837	ng	0.00
79) Terphenyl-d14	12.992	244	1341278	89.352	ng	0.00

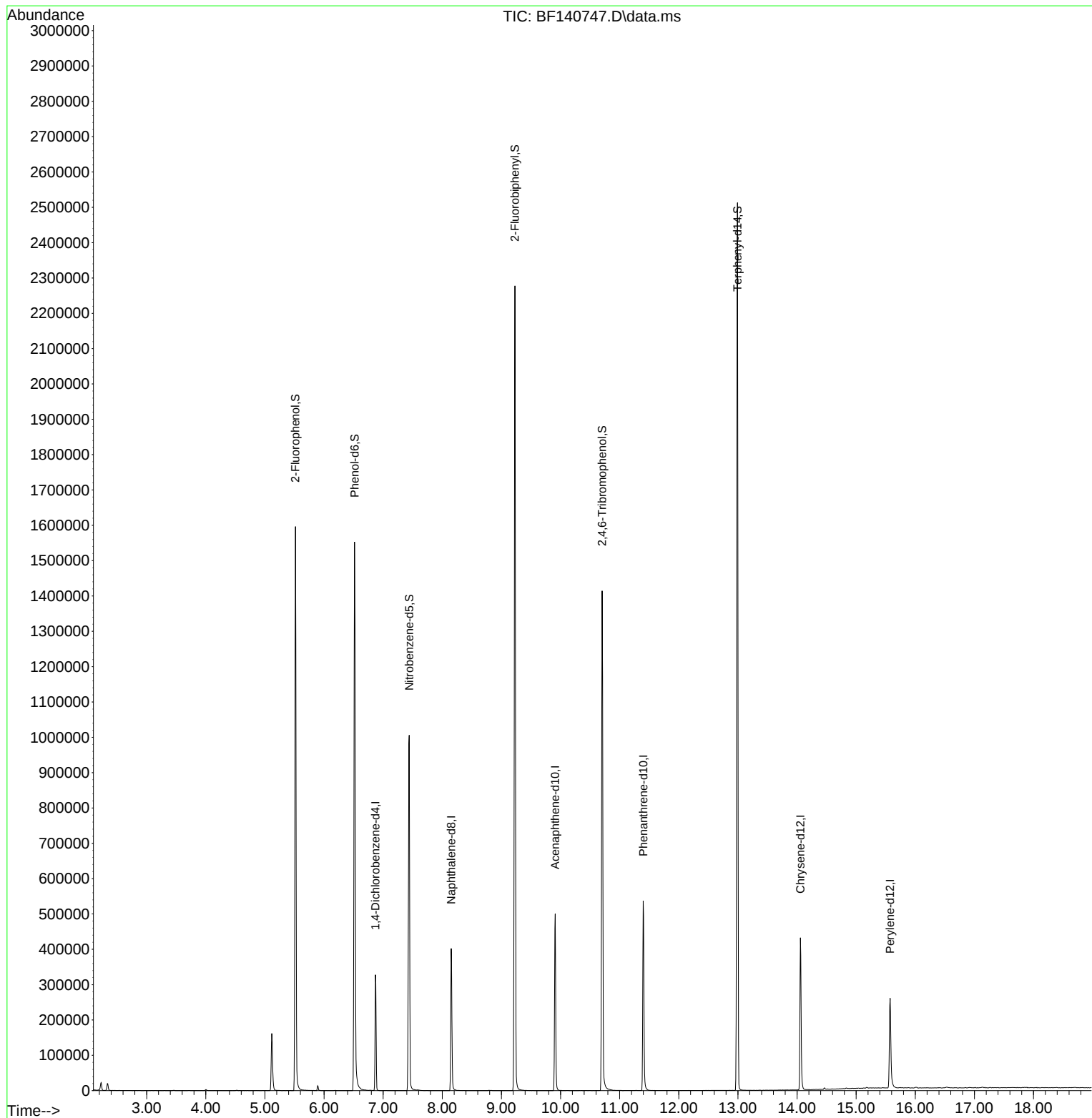
Target Compounds	Qvalue

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

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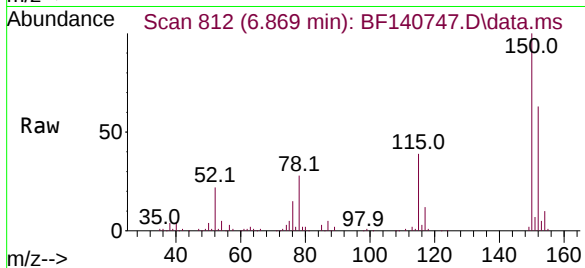
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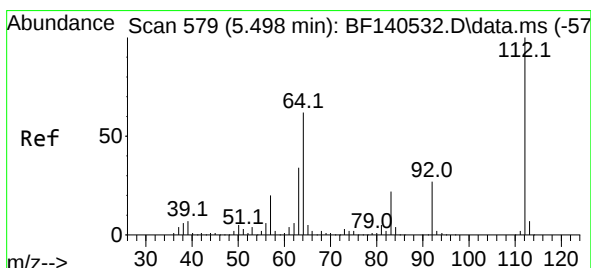
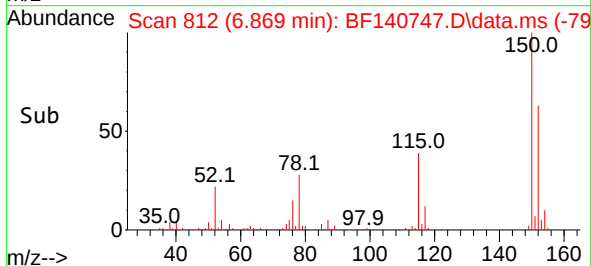
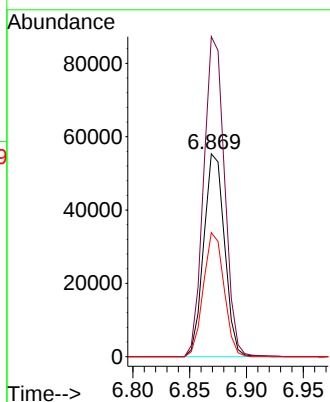


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140747.D
Acq: 05 Dec 2024 14:36

Instrument :
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ClientSampleId :
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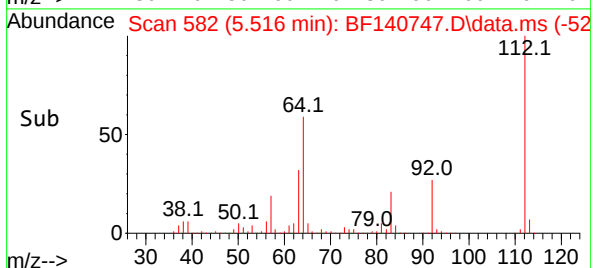
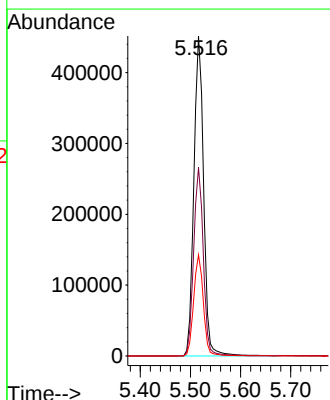
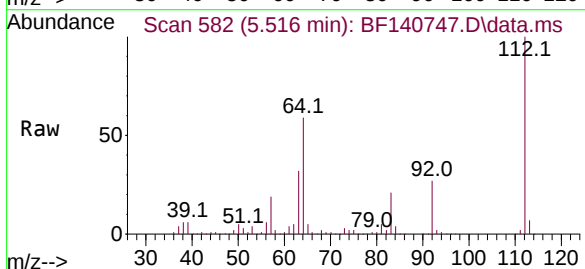


Tgt Ion:152 Resp: 70492
Ion Ratio Lower Upper
152 100
150 157.7 128.5 192.7
115 61.1 50.2 75.4



#5
2-Fluorophenol
Concen: 147.482 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140747.D
Acq: 05 Dec 2024 14:36

Tgt Ion:112 Resp: 609321
Ion Ratio Lower Upper
112 100
64 58.9 49.2 73.8
63 31.6 27.0 40.4

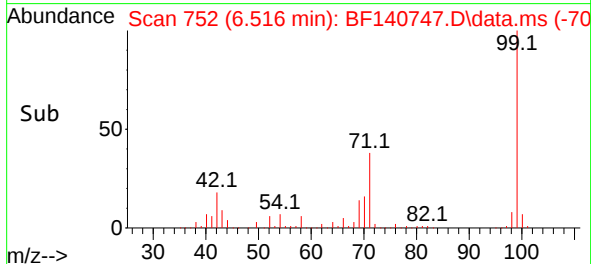
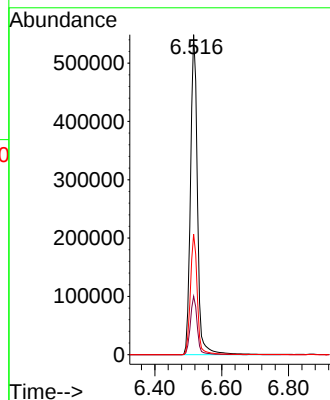
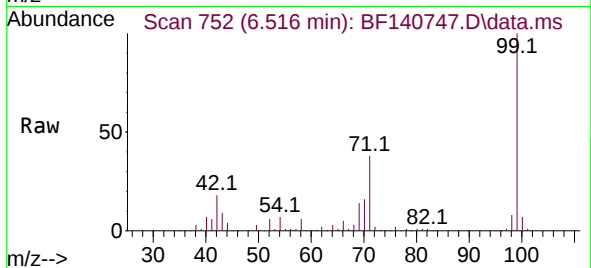




#7
Phenol-d6
Concen: 145.087 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140747.D
Acq: 05 Dec 2024 14:36

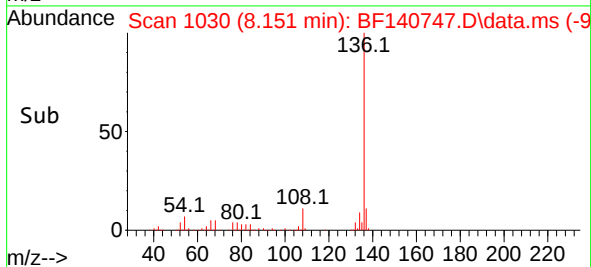
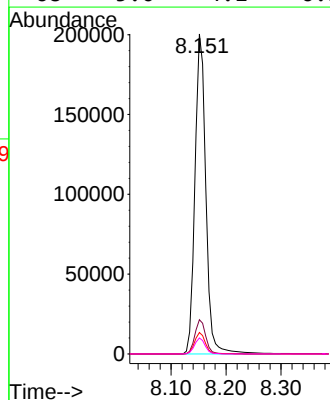
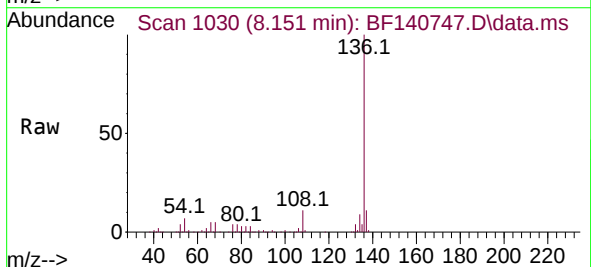
Instrument :
BNA_F
ClientSampleId :
PB165383BL

Tgt Ion: 99 Resp: 792456
Ion Ratio Lower Upper
99 100
42 18.2 15.4 23.0
71 37.7 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: BF140747.D
Acq: 05 Dec 2024 14:36

Tgt Ion: 136 Resp: 275647
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 6.7 5.8 8.8
68 5.0 4.1 6.1

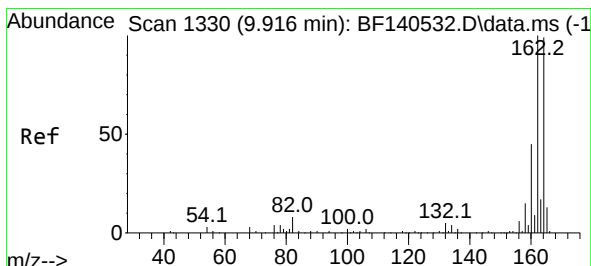
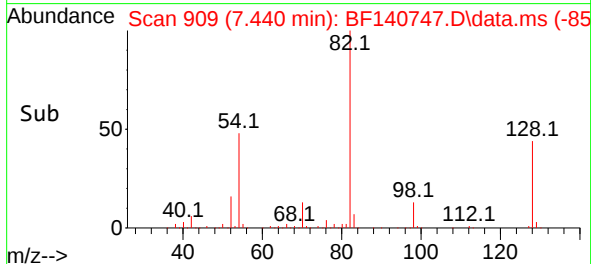
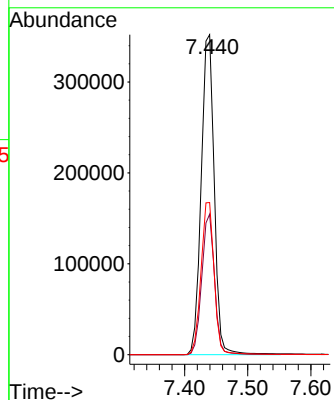
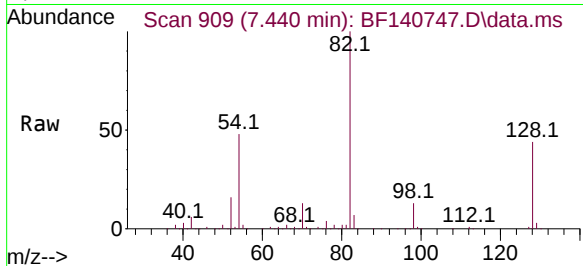




#23
Nitrobenzene-d5
Concen: 93.776 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.000 min
Lab File: BF140747.D
Acq: 05 Dec 2024 14:36

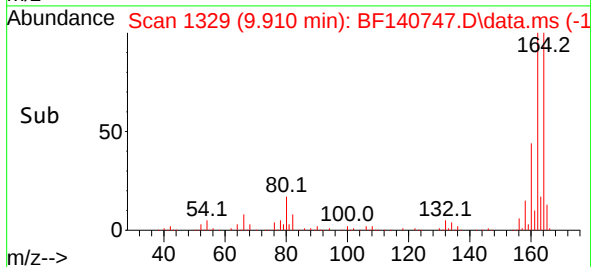
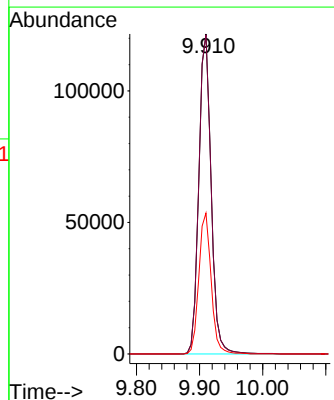
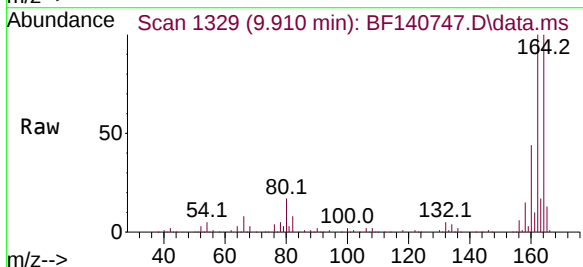
Instrument :
BNA_F
ClientSampleId :
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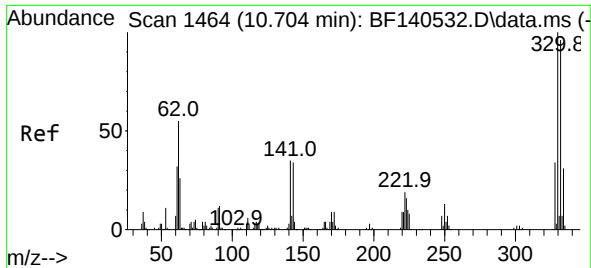
Tgt Ion: 82 Resp: 505356
Ion Ratio Lower Upper
82 100
128 43.9 33.0 49.4
54 47.6 39.5 59.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140747.D
Acq: 05 Dec 2024 14:36

Tgt Ion:164 Resp: 164066
Ion Ratio Lower Upper
164 100
162 99.7 80.6 120.8
160 44.0 36.2 54.4

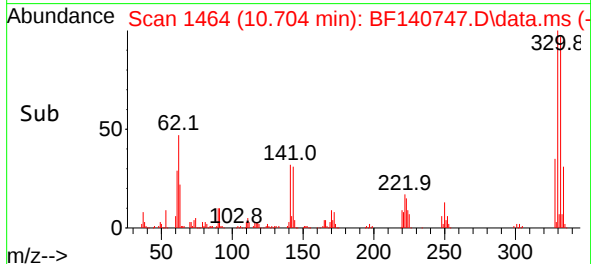
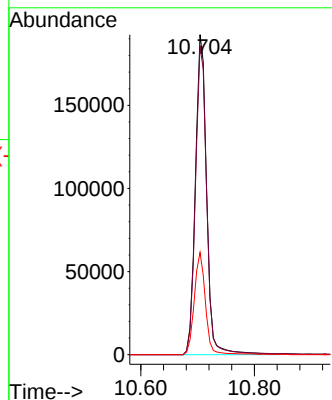
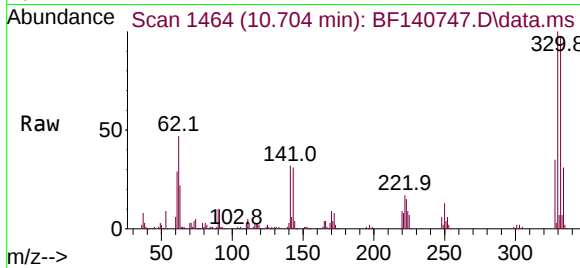




#42
2,4,6-Tribromophenol
Concen: 152.138 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140747.D
Acq: 05 Dec 2024 14:36

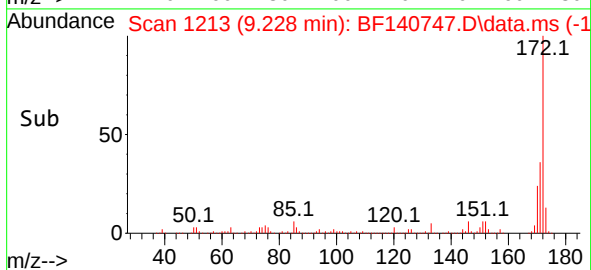
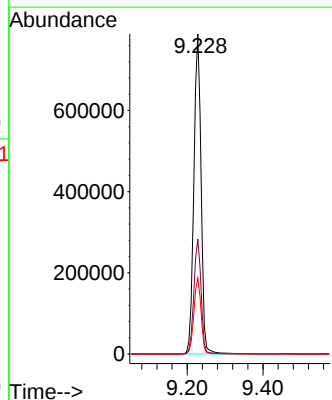
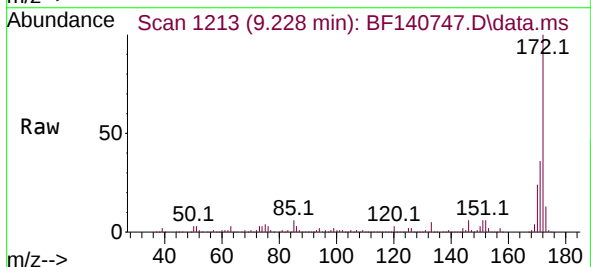
Instrument :
BNA_F
ClientSampleId :
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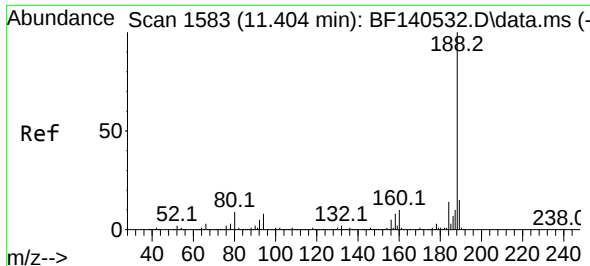
Tgt Ion:330 Resp: 266957
Ion Ratio Lower Upper
330 100
332 97.3 76.9 115.3
141 31.9 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 94.837 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140747.D
Acq: 05 Dec 2024 14:36

Tgt Ion:172 Resp: 1044302
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 23.8 19.0 28.6

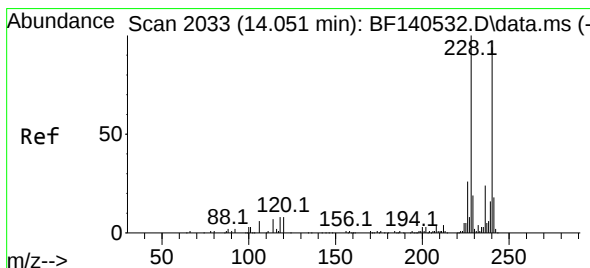
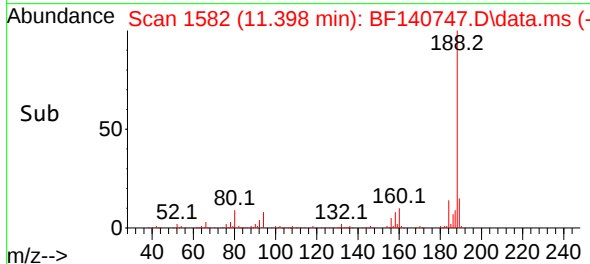
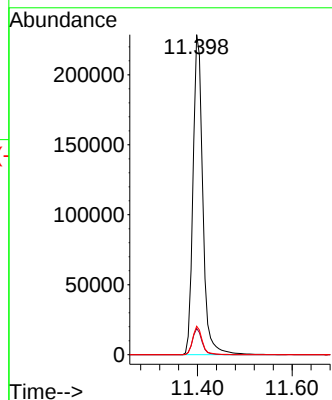
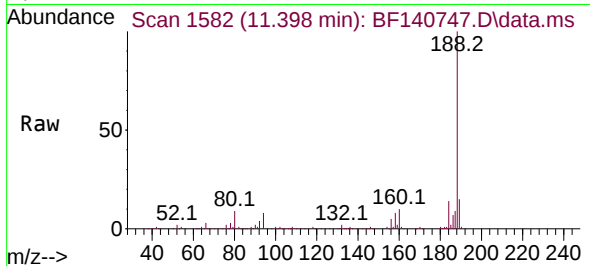




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140747.D
Acq: 05 Dec 2024 14:36

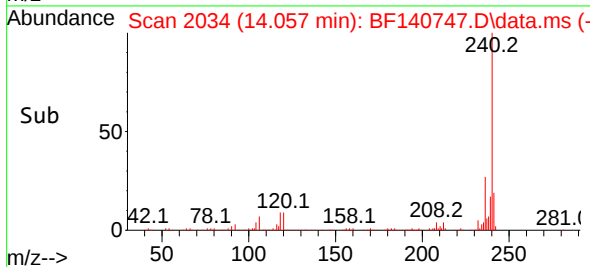
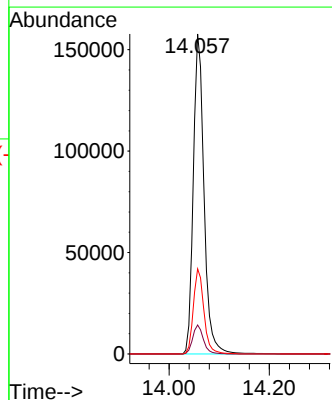
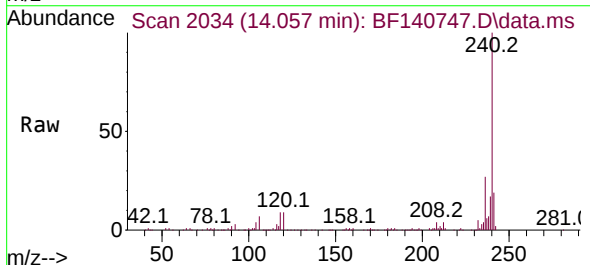
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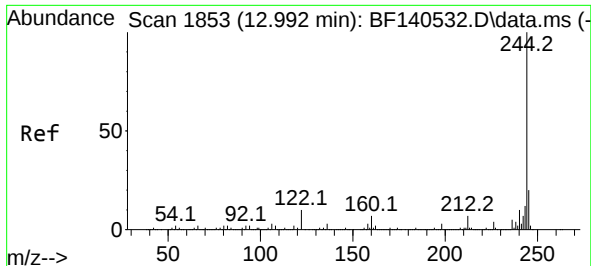
Tgt Ion:188 Resp: 325670
Ion Ratio Lower Upper
188 100
94 8.2 6.4 9.6
80 8.9 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140747.D
Acq: 05 Dec 2024 14:36

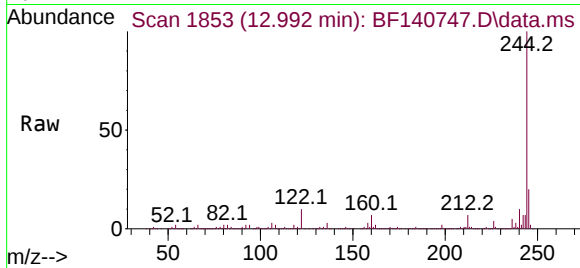
Tgt Ion:240 Resp: 233743
Ion Ratio Lower Upper
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120 9.1 7.3 10.9
236 26.6 20.6 31.0



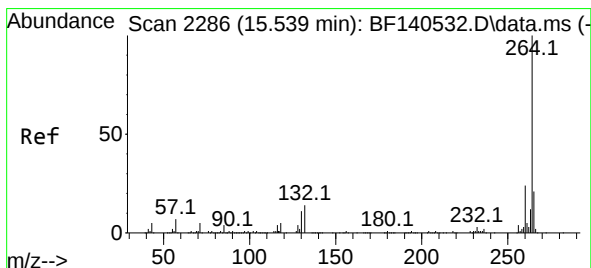
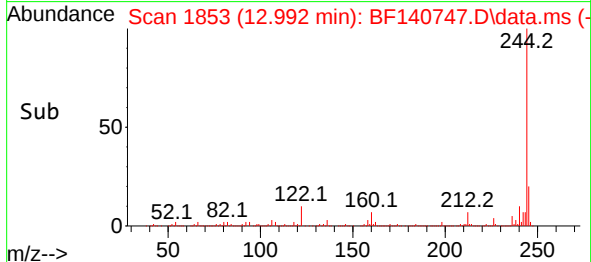
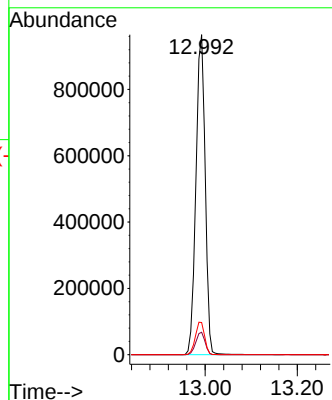


#79
Terphenyl-d14
Concen: 89.352 ng
RT: 12.992 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140747.D
Acq: 05 Dec 2024 14:36

Instrument :
BNA_F
ClientSampleId :
PB165383BL



Tgt Ion:244 Resp: 1341278
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 10.1 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2292
Delta R.T. 0.035 min
Lab File: BF140747.D
Acq: 05 Dec 2024 14:36

Tgt Ion:264 Resp: 188357
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.6
265 20.6 16.6 25.0

