

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102824\
 Data File : BF140091.D
 Acq On : 28 Oct 2024 17:07
 Operator : RC/JU
 Sample : P4545-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-215

Quant Time: Oct 28 17:35:50 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	121273	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	468722	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	261868	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	455970	20.000	ng	0.00
76) Chrysene-d12	14.045	240	227734	20.000	ng	0.00
86) Perylene-d12	15.527	264	257940	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	977022	126.122	ng	0.02
7) Phenol-d6	6.510	99	1187458	118.353	ng	0.00
23) Nitrobenzene-d5	7.445	82	807154	95.441	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	352300	143.829	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1427989	90.123	ng	0.00
79) Terphenyl-d14	12.998	244	1449041	103.682	ng	0.00

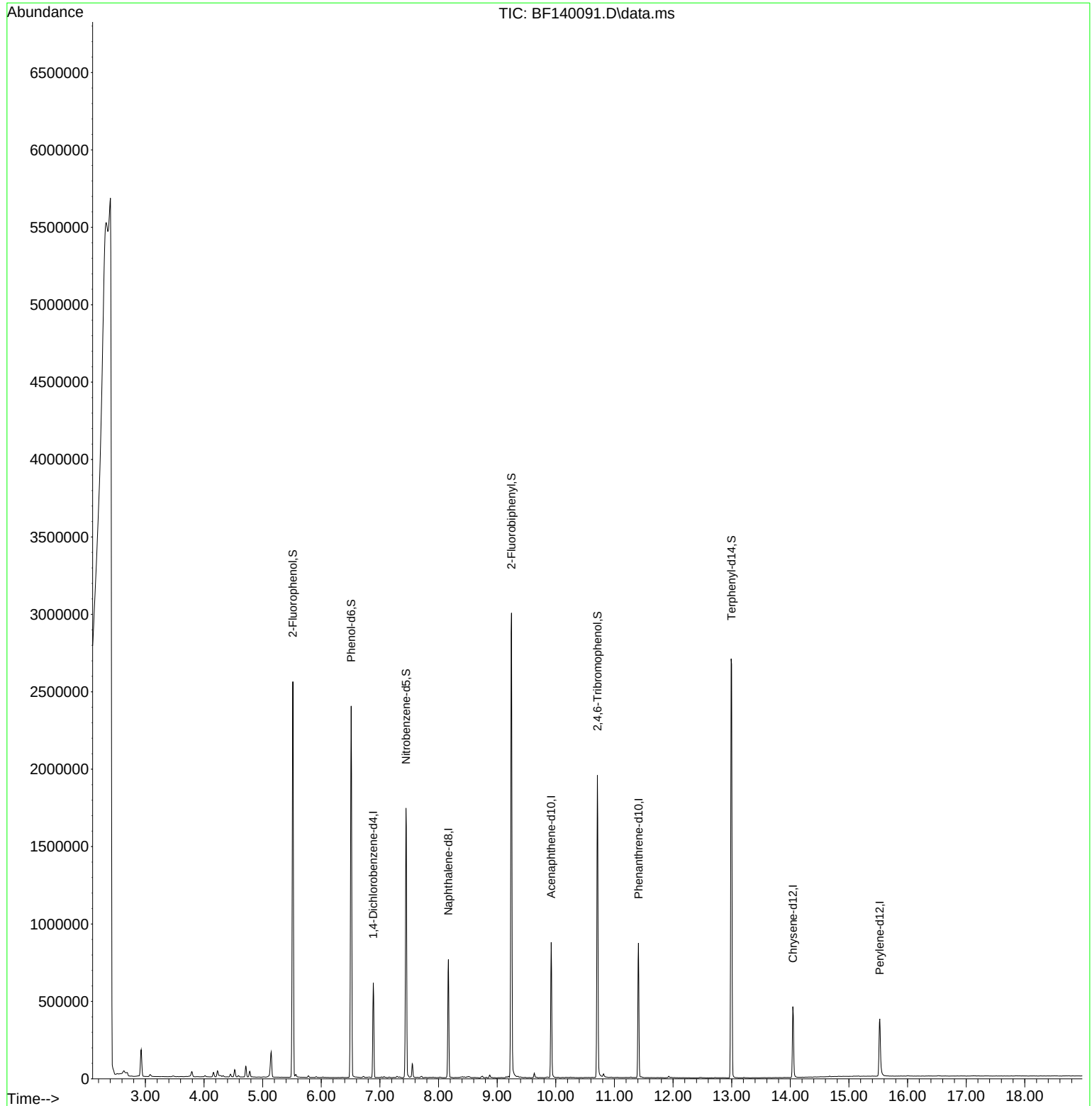
Target Compounds	Qvalue

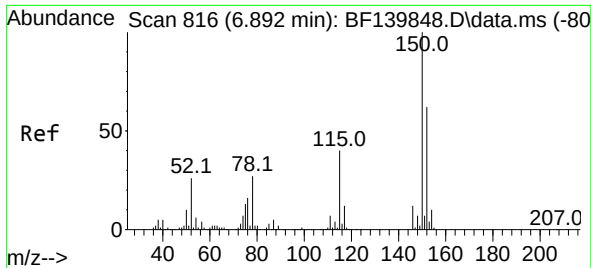
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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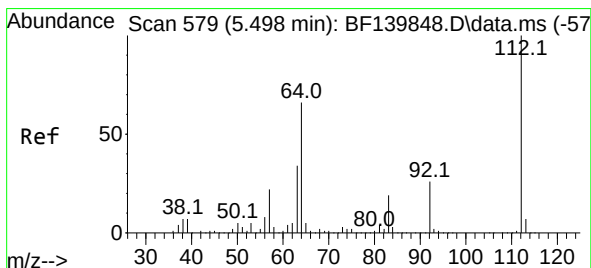
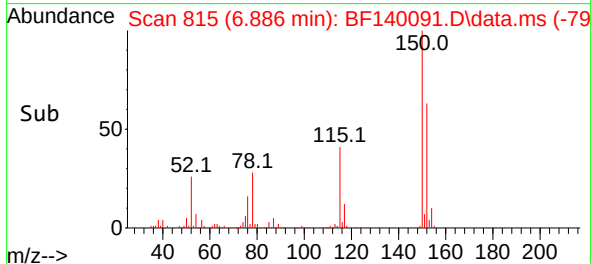
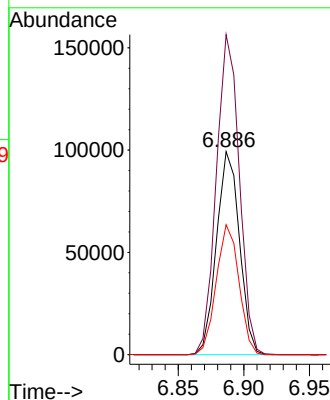
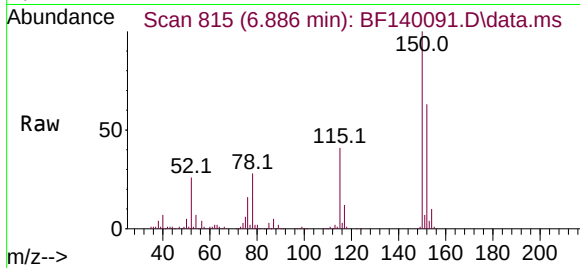




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140091.D
Acq: 28 Oct 2024 17:07

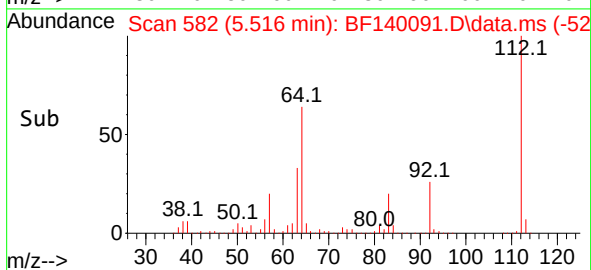
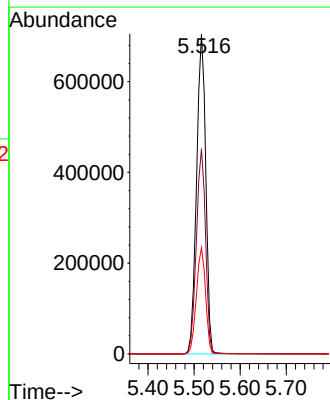
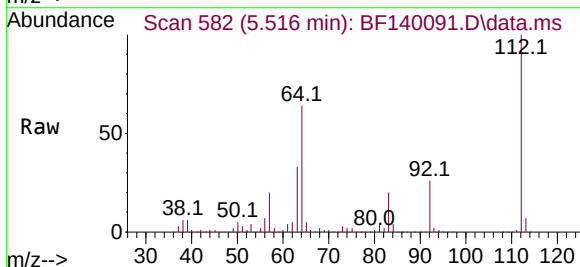
Instrument :
BNA_F
ClientSampleId :
VNJ-215

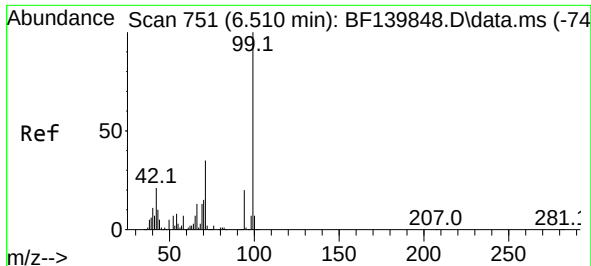
Tgt Ion:152 Resp: 121273
Ion Ratio Lower Upper
152 100
150 157.7 130.2 195.2
115 63.9 51.4 77.2



#5
2-Fluorophenol
Concen: 126.122 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140091.D
Acq: 28 Oct 2024 17:07

Tgt Ion:112 Resp: 977022
Ion Ratio Lower Upper
112 100
64 64.1 53.0 79.6
63 33.2 27.0 40.4



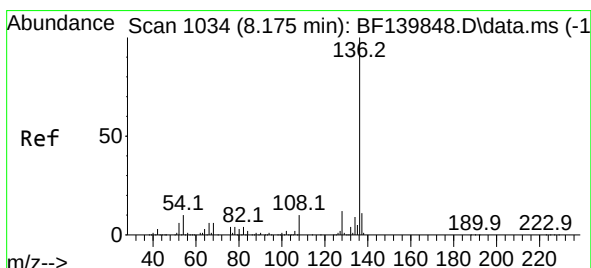
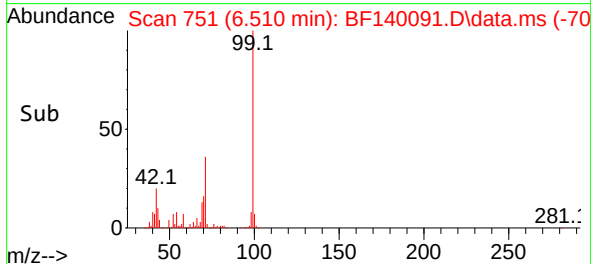
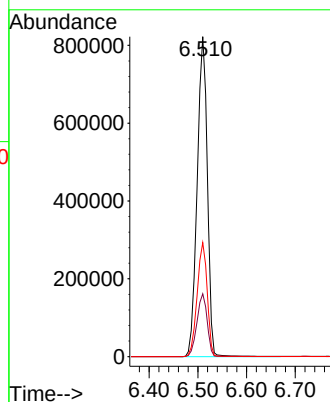
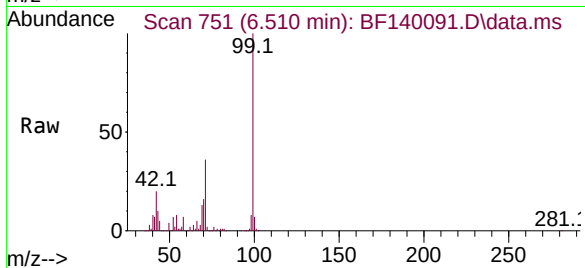


#7
Phenol-d6
Concen: 118.353 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF140091.D
Acq: 28 Oct 2024 17:07

Instrument :
BNA_F
ClientSampleId :
VNJ-215

Tgt Ion: 99 Resp: 1187458

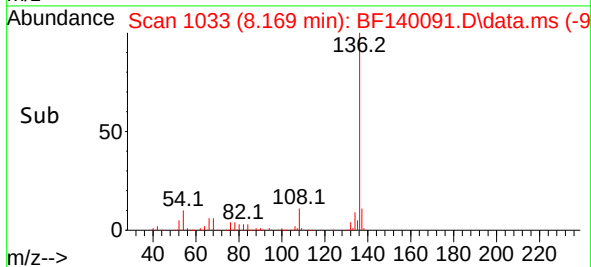
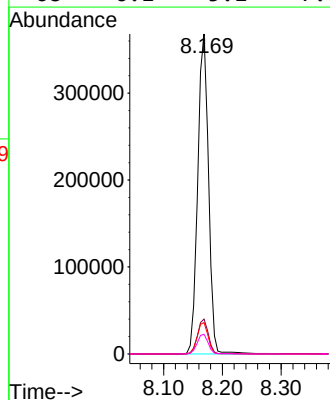
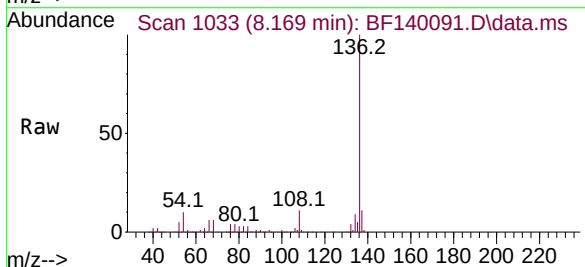
Ion	Ratio	Lower	Upper
99	100		
42	19.6	16.7	25.1
71	35.6	27.7	41.5

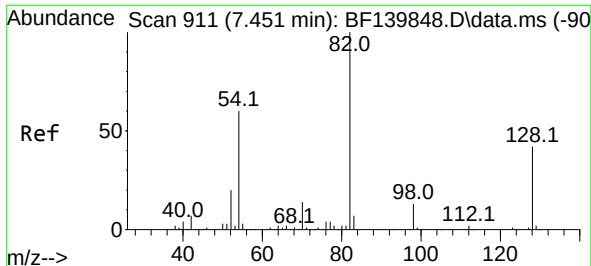


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140091.D
Acq: 28 Oct 2024 17:07

Tgt Ion: 136 Resp: 468722

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.8	8.4	12.6
68	6.1	5.1	7.7

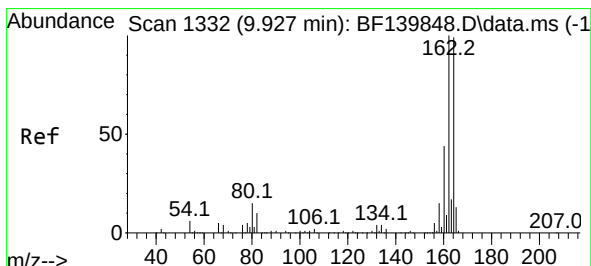
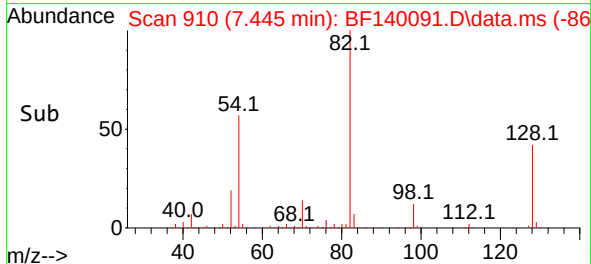
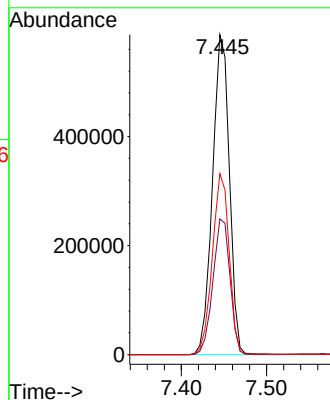
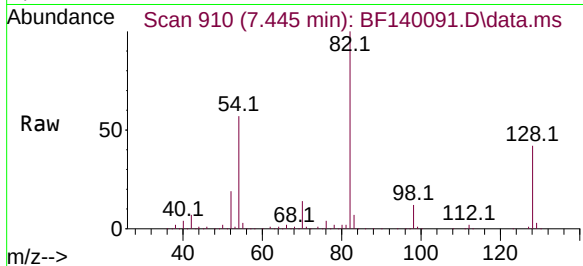




#23
Nitrobenzene-d5
Concen: 95.441 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140091.D
Acq: 28 Oct 2024 17:07

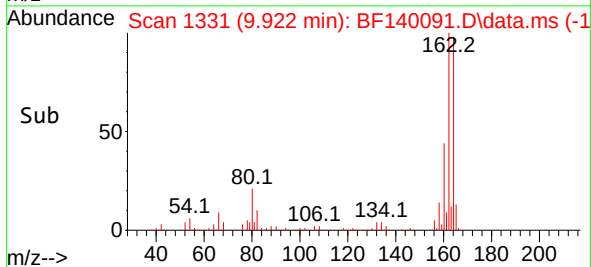
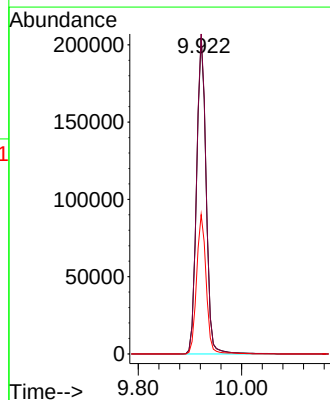
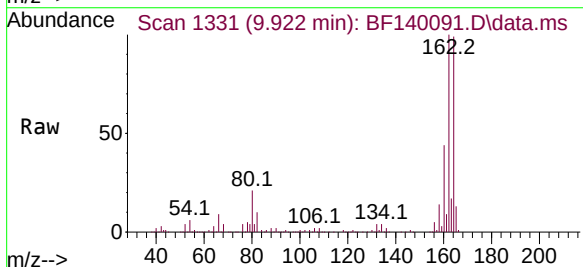
Instrument :
BNA_F
ClientSampleId :
VNJ-215

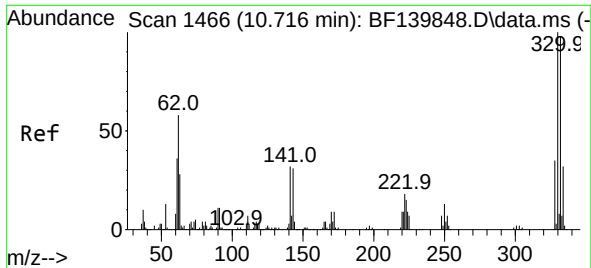
Tgt Ion: 82 Resp: 807154
Ion Ratio Lower Upper
82 100
128 42.4 33.4 50.0
54 56.5 47.8 71.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140091.D
Acq: 28 Oct 2024 17:07

Tgt Ion:164 Resp: 261868
Ion Ratio Lower Upper
164 100
162 101.2 81.0 121.4
160 44.1 35.4 53.0

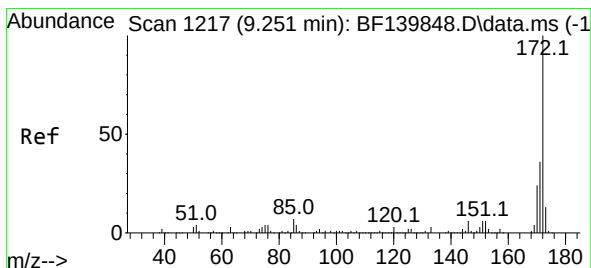
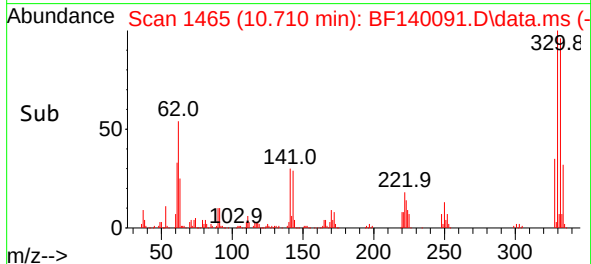
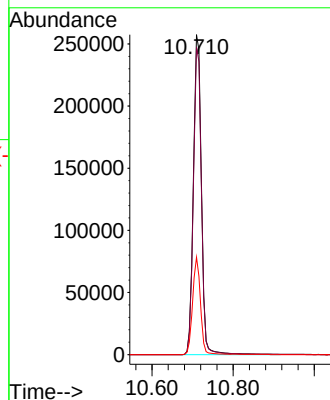
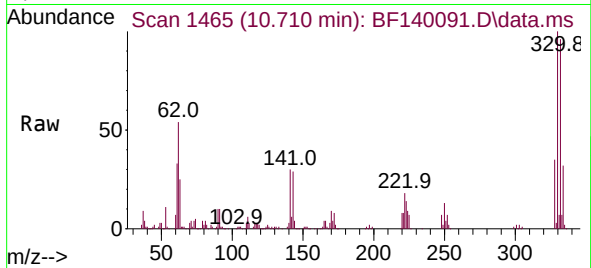




#42
 2,4,6-Tribromophenol
 Concen: 143.829 ng
 RT: 10.710 min Scan# 1465
 Delta R.T. -0.006 min
 Lab File: BF140091.D
 Acq: 28 Oct 2024 17:07

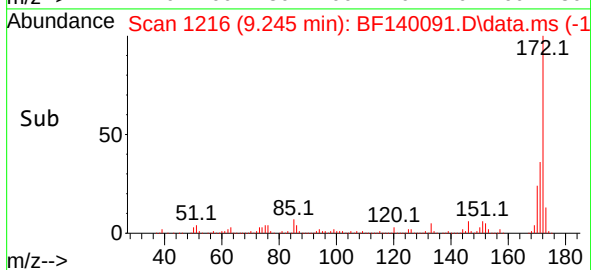
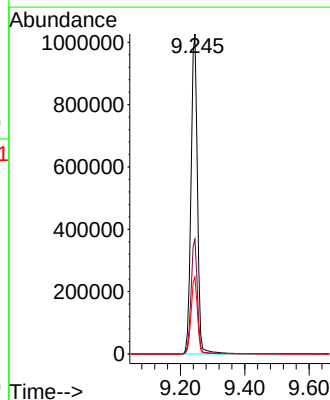
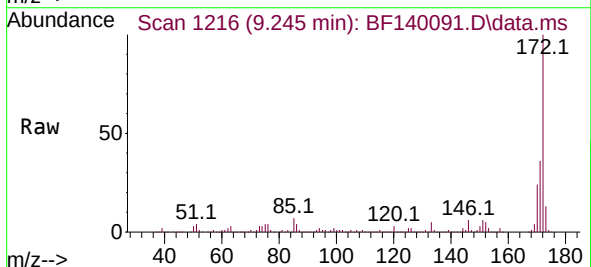
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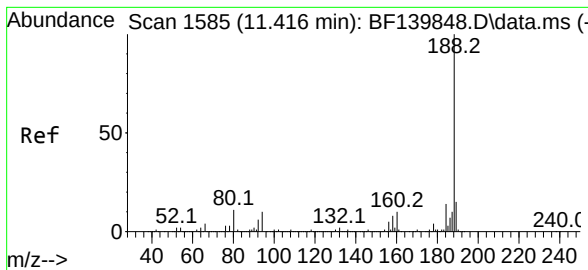
Tgt Ion:330 Resp: 352300
 Ion Ratio Lower Upper
 330 100
 332 96.2 78.1 117.1
 141 29.7 26.6 39.8



#45
 2-Fluorobiphenyl
 Concen: 90.123 ng
 RT: 9.245 min Scan# 1216
 Delta R.T. -0.006 min
 Lab File: BF140091.D
 Acq: 28 Oct 2024 17:07

Tgt Ion:172 Resp: 1427989
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 43.0
 170 24.0 19.1 28.7

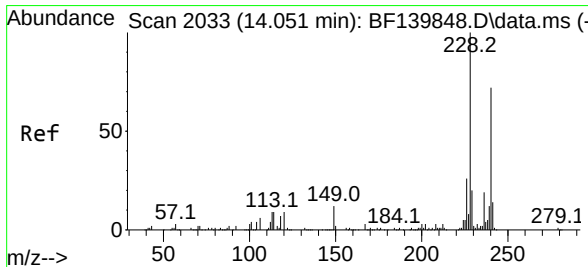
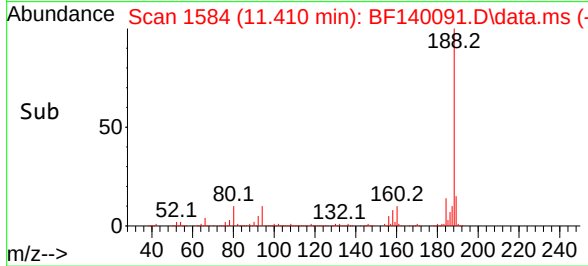
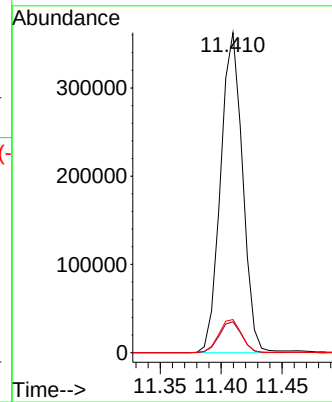
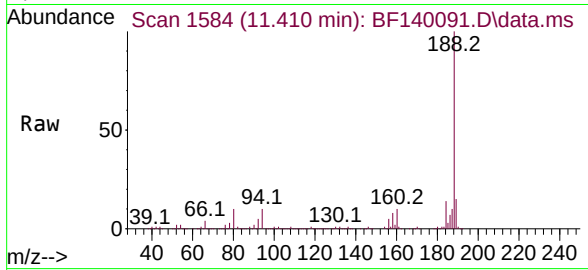




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140091.D
Acq: 28 Oct 2024 17:07

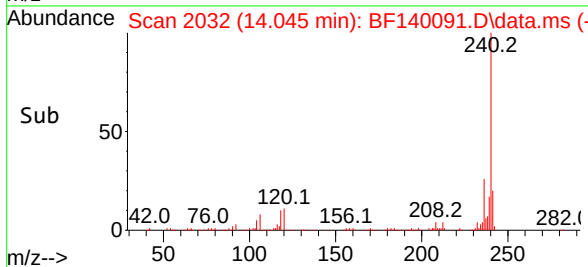
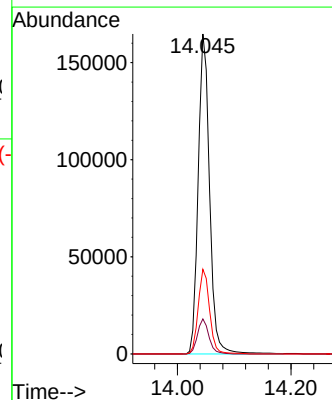
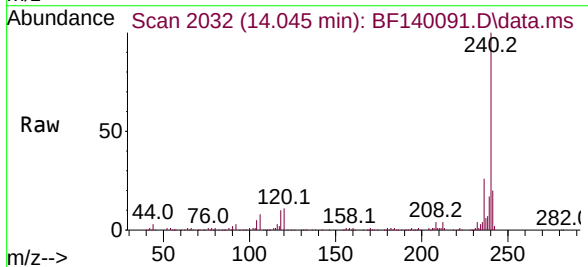
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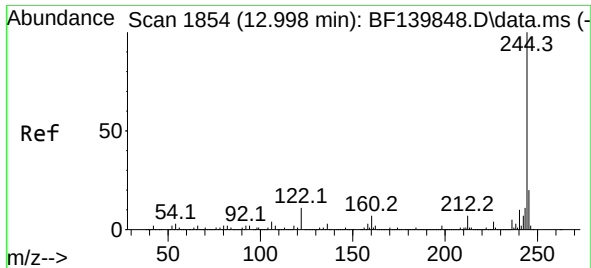
Tgt Ion:188 Resp: 455970
Ion Ratio Lower Upper
188 100
94 9.6 7.9 11.9
80 10.3 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140091.D
Acq: 28 Oct 2024 17:07

Tgt Ion:240 Resp: 227734
Ion Ratio Lower Upper
240 100
120 10.9 9.4 14.2
236 26.4 20.9 31.3

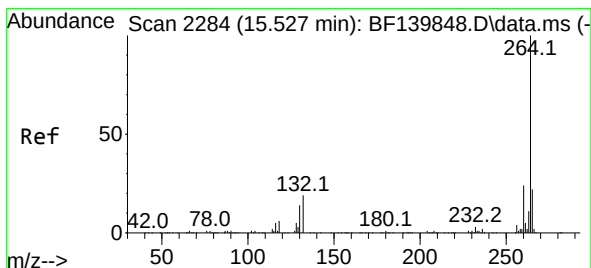
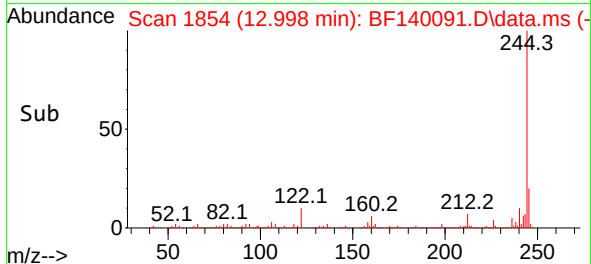
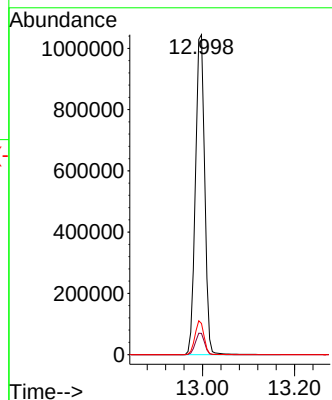
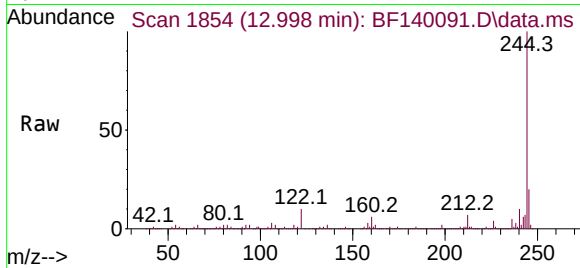




#79
 Terphenyl-d14
 Concen: 103.682 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF140091.D
 Acq: 28 Oct 2024 17:07

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-215

Tgt Ion:244 Resp: 1449041
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.7 8.5
 122 9.7 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2284
 Delta R.T. 0.000 min
 Lab File: BF140091.D
 Acq: 28 Oct 2024 17:07

Tgt Ion:264 Resp: 257940
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 21.7 17.4 26.0

