

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102824\
Data File : BF140081.D
Acq On : 28 Oct 2024 12:27
Operator : RC/JU
Sample : P4547-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BP-F-20

Quant Time: Oct 28 13:01:19 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	6.887	152	105972	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	413518	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	227492	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	389316	20.000	ng	0.00
76) Chrysene-d12	14.045	240	199247	20.000	ng	0.00
86) Perylene-d12	15.527	264	233774	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	934938	138.115	ng	0.02
7) Phenol-d6	6.510	99	1149935	131.162	ng	0.00
23) Nitrobenzene-d5	7.445	82	794686	106.511	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	348850	163.942	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1429396	103.844	ng	-0.01
79) Terphenyl-d14	12.998	244	1312236	107.317	ng	0.00

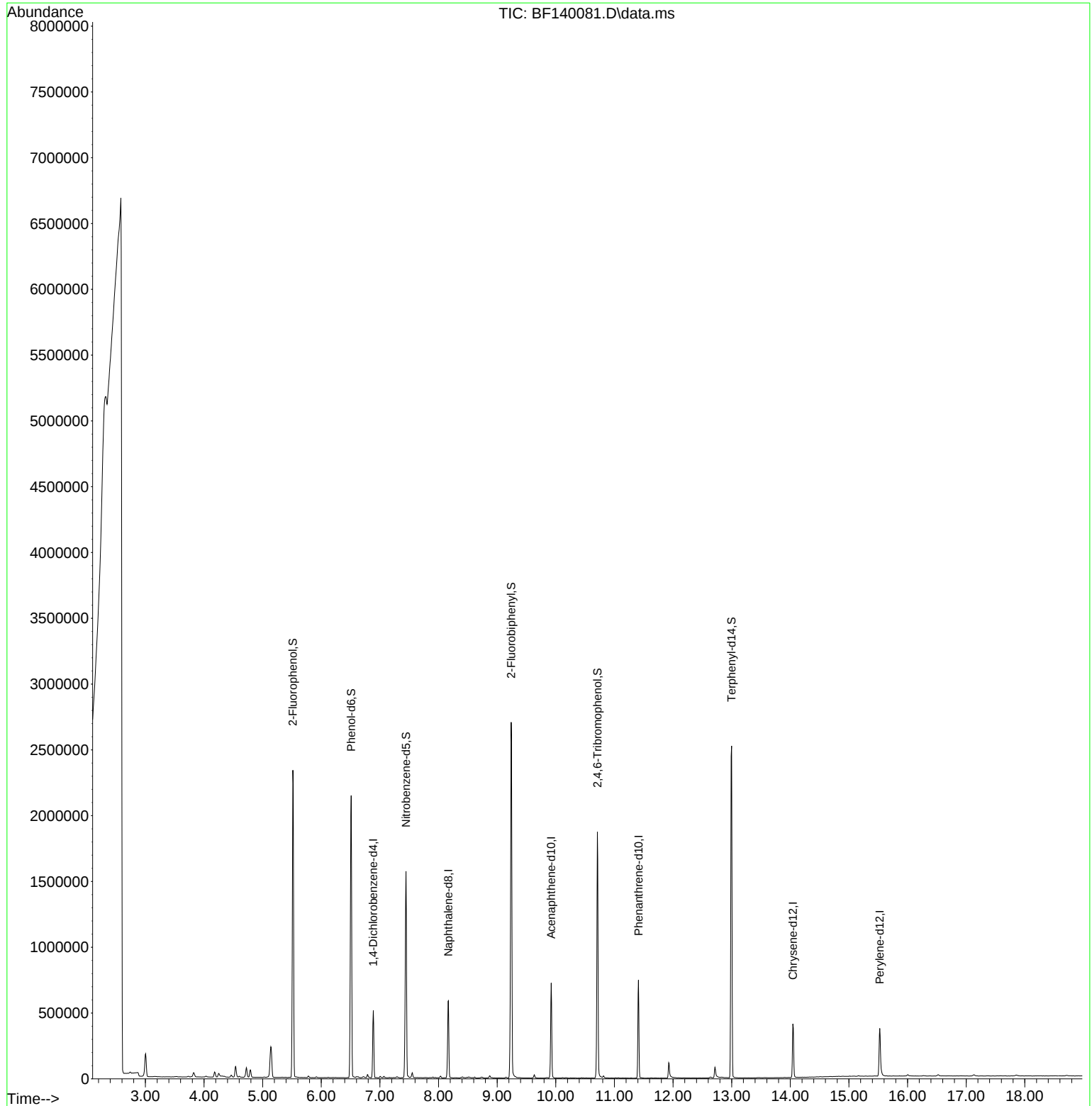
Target Compounds	Qvalue

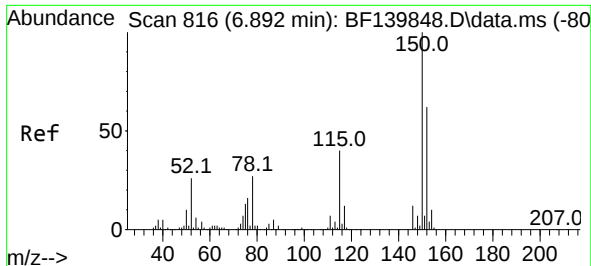
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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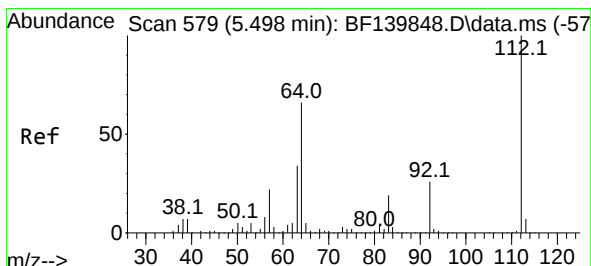
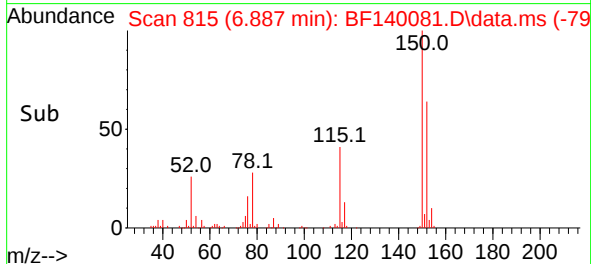
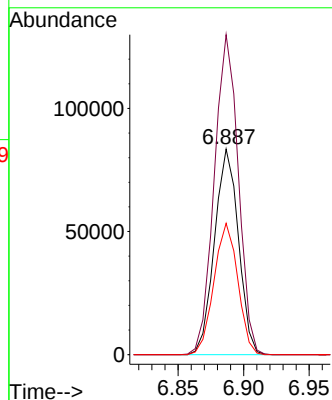
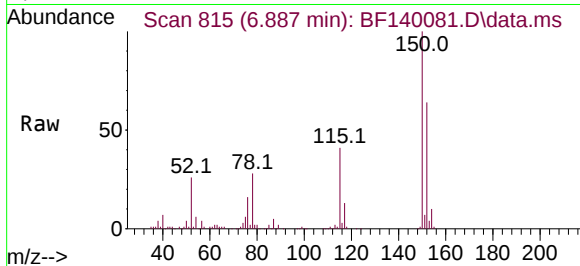




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140081.D
Acq: 28 Oct 2024 12:27

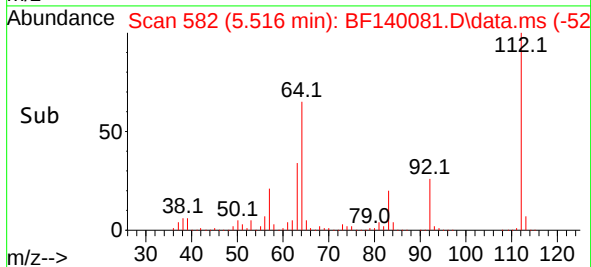
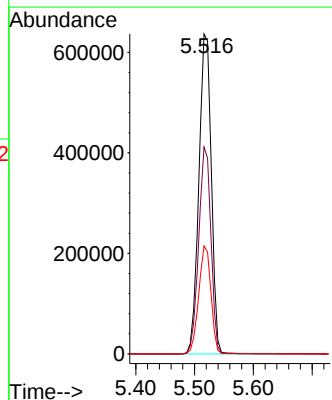
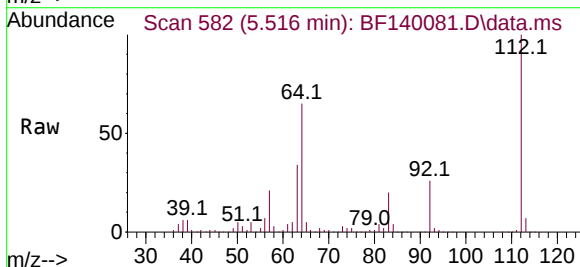
Instrument :
BNA_F
ClientSampleId :
BP-F-20

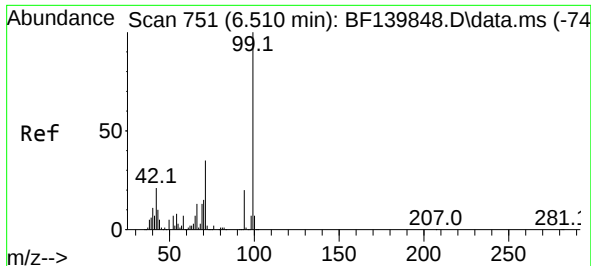
Tgt Ion:152 Resp: 105972
Ion Ratio Lower Upper
152 100
150 155.7 130.2 195.2
115 63.9 51.4 77.2



#5
2-Fluorophenol
Concen: 138.115 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140081.D
Acq: 28 Oct 2024 12:27

Tgt Ion:112 Resp: 934938
Ion Ratio Lower Upper
112 100
64 64.6 53.0 79.6
63 33.7 27.0 40.4



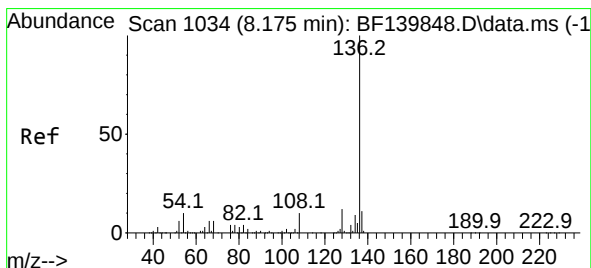
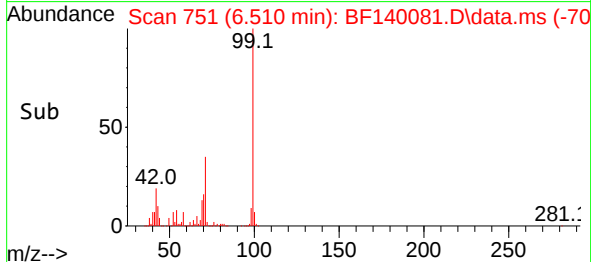
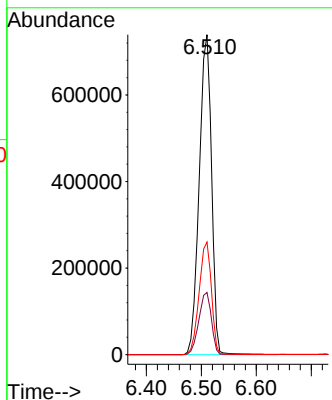
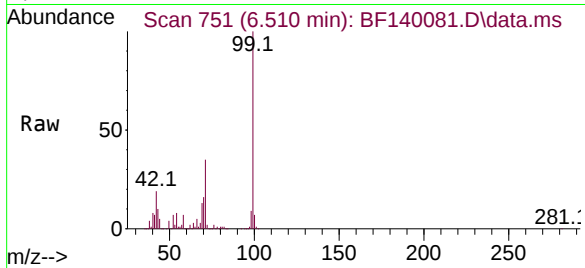


#7
Phenol-d6
Concen: 131.162 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140081.D
Acq: 28 Oct 2024 12:27

Instrument :
BNA_F
ClientSampleId :
BP-F-20

Tgt Ion: 99 Resp: 1149935

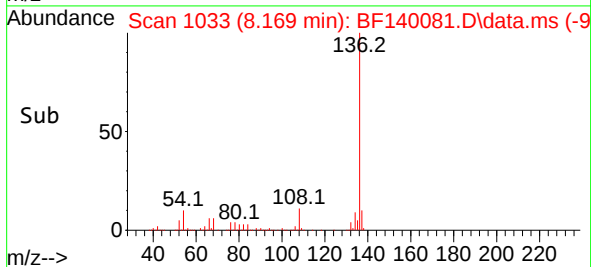
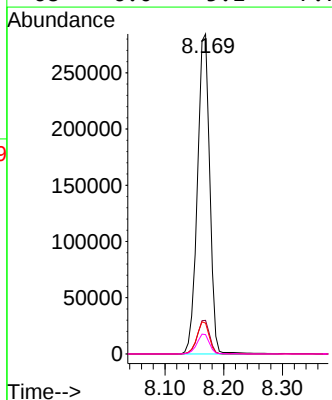
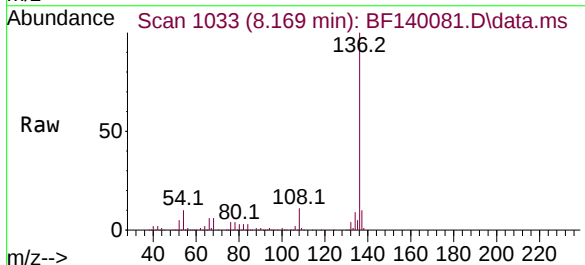
Ion	Ratio	Lower	Upper
99	100		
42	19.4	16.7	25.1
71	35.2	27.7	41.5

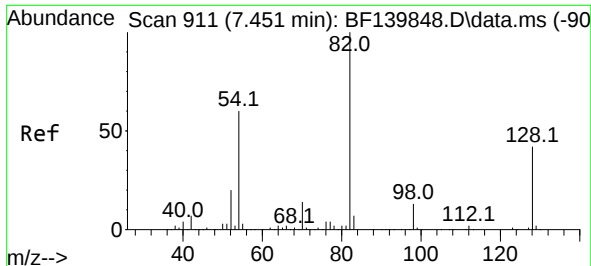


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140081.D
Acq: 28 Oct 2024 12:27

Tgt Ion: 136 Resp: 413518

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	12.8
54	9.6	8.4	12.6
68	6.0	5.1	7.7

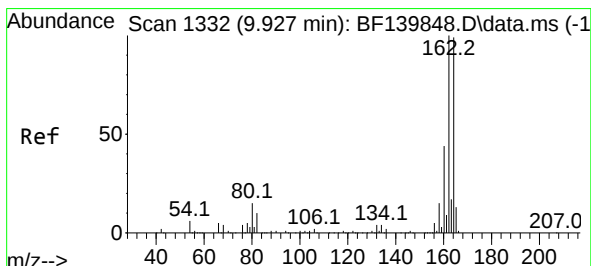
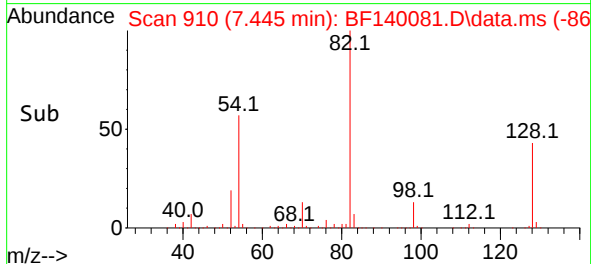
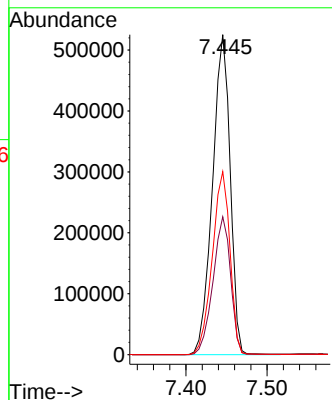
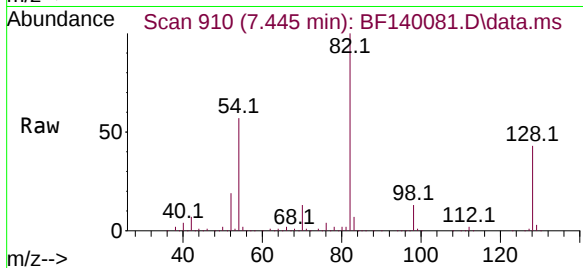




#23
 Nitrobenzene-d5
 Concen: 106.511 ng
 RT: 7.445 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: BF140081.D
 Acq: 28 Oct 2024 12:27

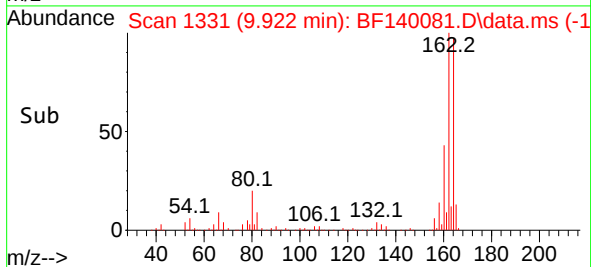
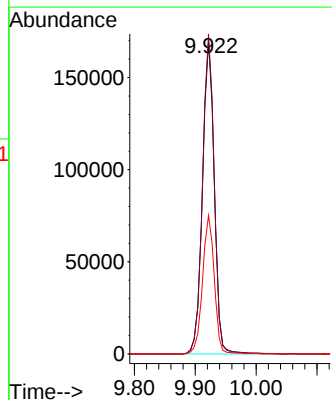
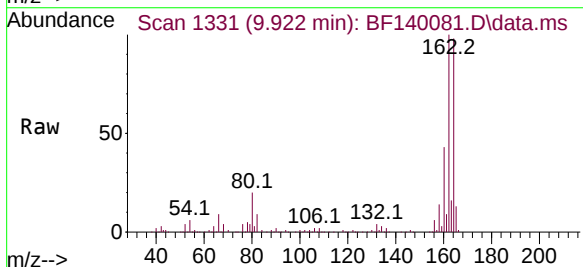
Instrument :
 BNA_F
 ClientSampleId :
 BP-F-20

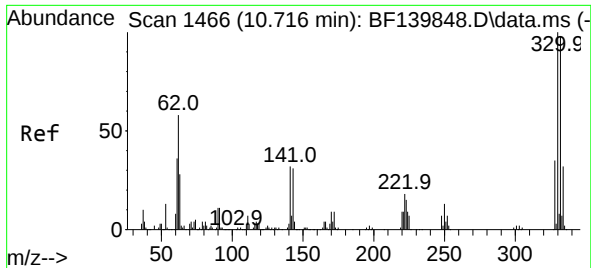
Tgt Ion: 82 Resp: 794686
 Ion Ratio Lower Upper
 82 100
 128 43.1 33.4 50.0
 54 57.2 47.8 71.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.922 min Scan# 1331
 Delta R.T. -0.005 min
 Lab File: BF140081.D
 Acq: 28 Oct 2024 12:27

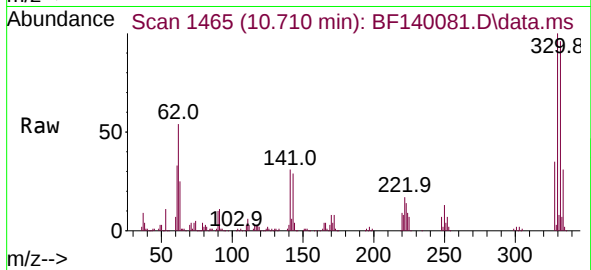
Tgt Ion:164 Resp: 227492
 Ion Ratio Lower Upper
 164 100
 162 102.5 81.0 121.4
 160 44.3 35.4 53.0



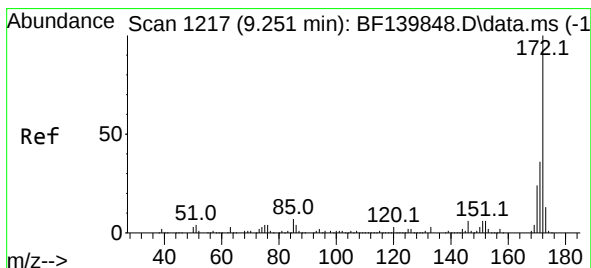
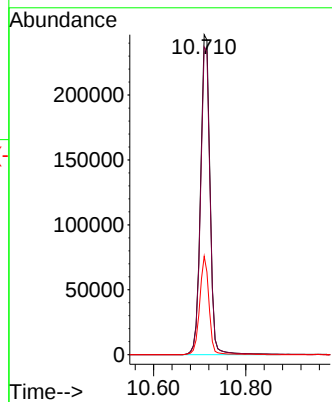
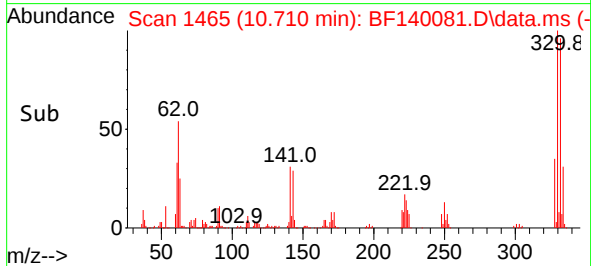


#42
2,4,6-Tribromophenol
Concen: 163.942 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF140081.D
Acq: 28 Oct 2024 12:27

Instrument :
BNA_F
ClientSampleId :
BP-F-20

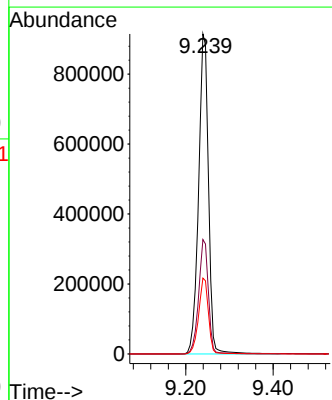
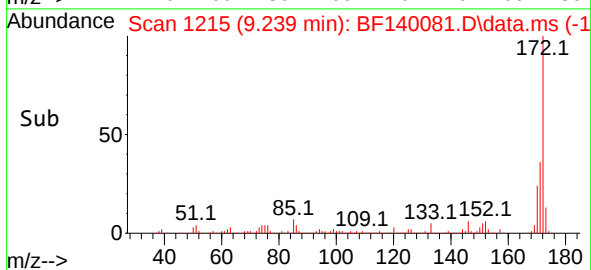
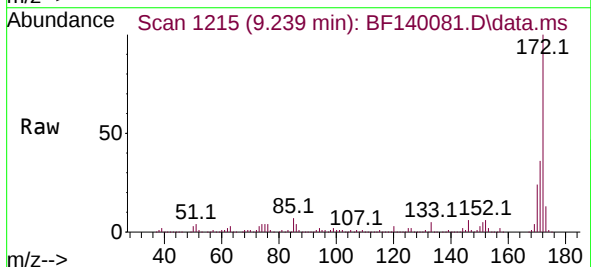


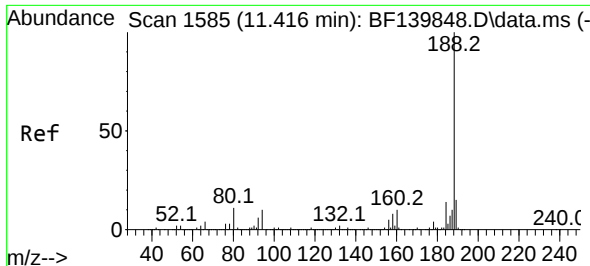
Tgt Ion:330 Resp: 348850
Ion Ratio Lower Upper
330 100
332 95.8 78.1 117.1
141 30.0 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 103.844 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF140081.D
Acq: 28 Oct 2024 12:27

Tgt Ion:172 Resp: 1429396
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.7 19.1 28.7

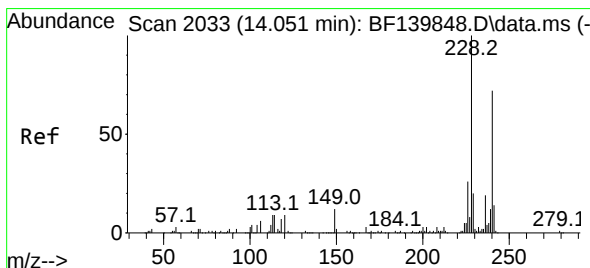
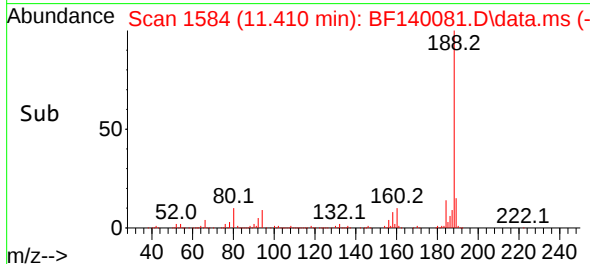
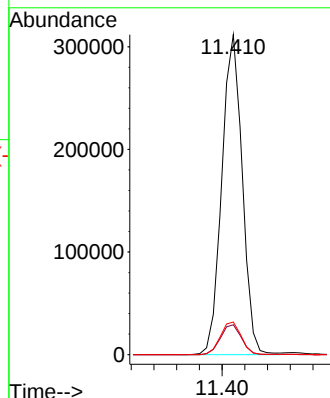
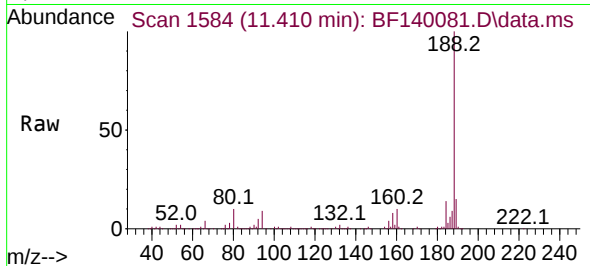




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140081.D
Acq: 28 Oct 2024 12:27

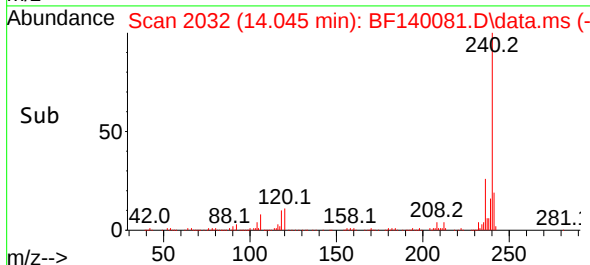
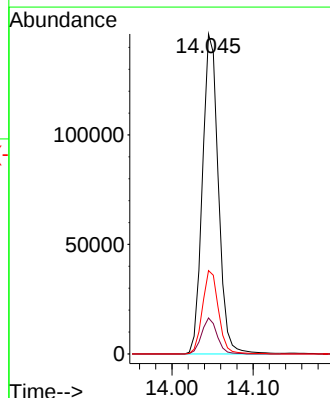
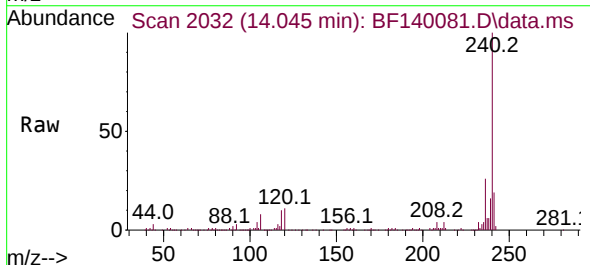
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BNA_F
ClientSampleId :
BP-F-20

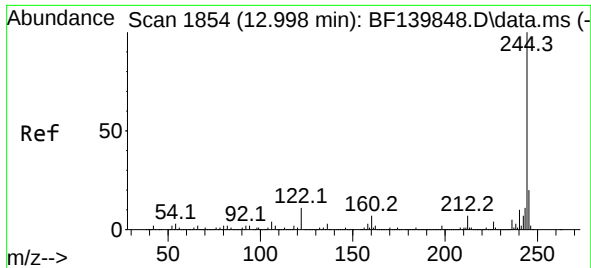
Tgt Ion:188 Resp: 389316
Ion Ratio Lower Upper
188 100
94 9.3 7.9 11.9
80 10.2 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140081.D
Acq: 28 Oct 2024 12:27

Tgt Ion:240 Resp: 199247
Ion Ratio Lower Upper
240 100
120 11.2 9.4 14.2
236 26.1 20.9 31.3

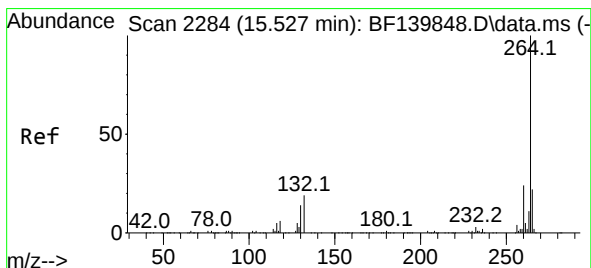
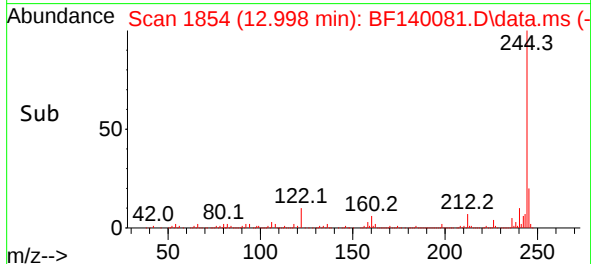
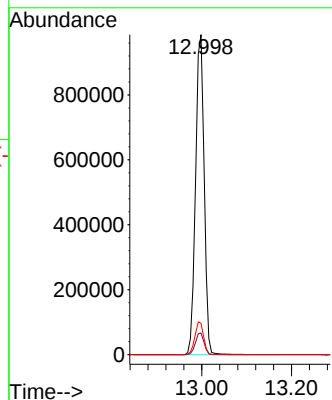
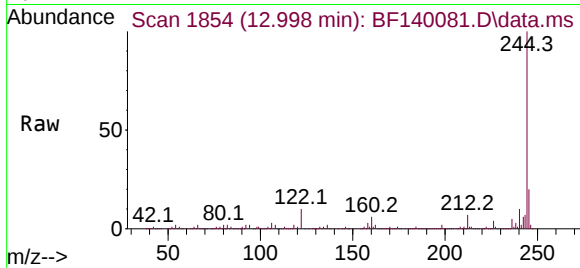




#79
 Terphenyl-d14
 Concen: 107.317 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF140081.D
 Acq: 28 Oct 2024 12:27

Instrument :
 BNA_F
 ClientSampleId :
 BP-F-20

Tgt Ion:244 Resp: 1312236
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 9.8 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: BF140081.D
 Acq: 28 Oct 2024 12:27

Tgt Ion:264 Resp: 233774
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 21.7 17.4 26.0

