

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
 Data File : BF139930.D
 Acq On : 22 Oct 2024 16:01
 Operator : RC/JU
 Sample : P4419-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IB-1

Quant Time: Oct 22 16:41:22 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	6.893	152	141170	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	543197	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	301482	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	495516	20.000	ng	0.00
76) Chrysene-d12	14.051	240	303793	20.000	ng	0.00
86) Perylene-d12	15.527	264	338389	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1187256	131.659	ng	0.02
7) Phenol-d6	6.510	99	1376165	117.829	ng	0.00
23) Nitrobenzene-d5	7.451	82	1082259	110.425	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	467227	165.685	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1817534	99.636	ng	0.00
79) Terphenyl-d14	12.998	244	1817549	97.489	ng	0.00

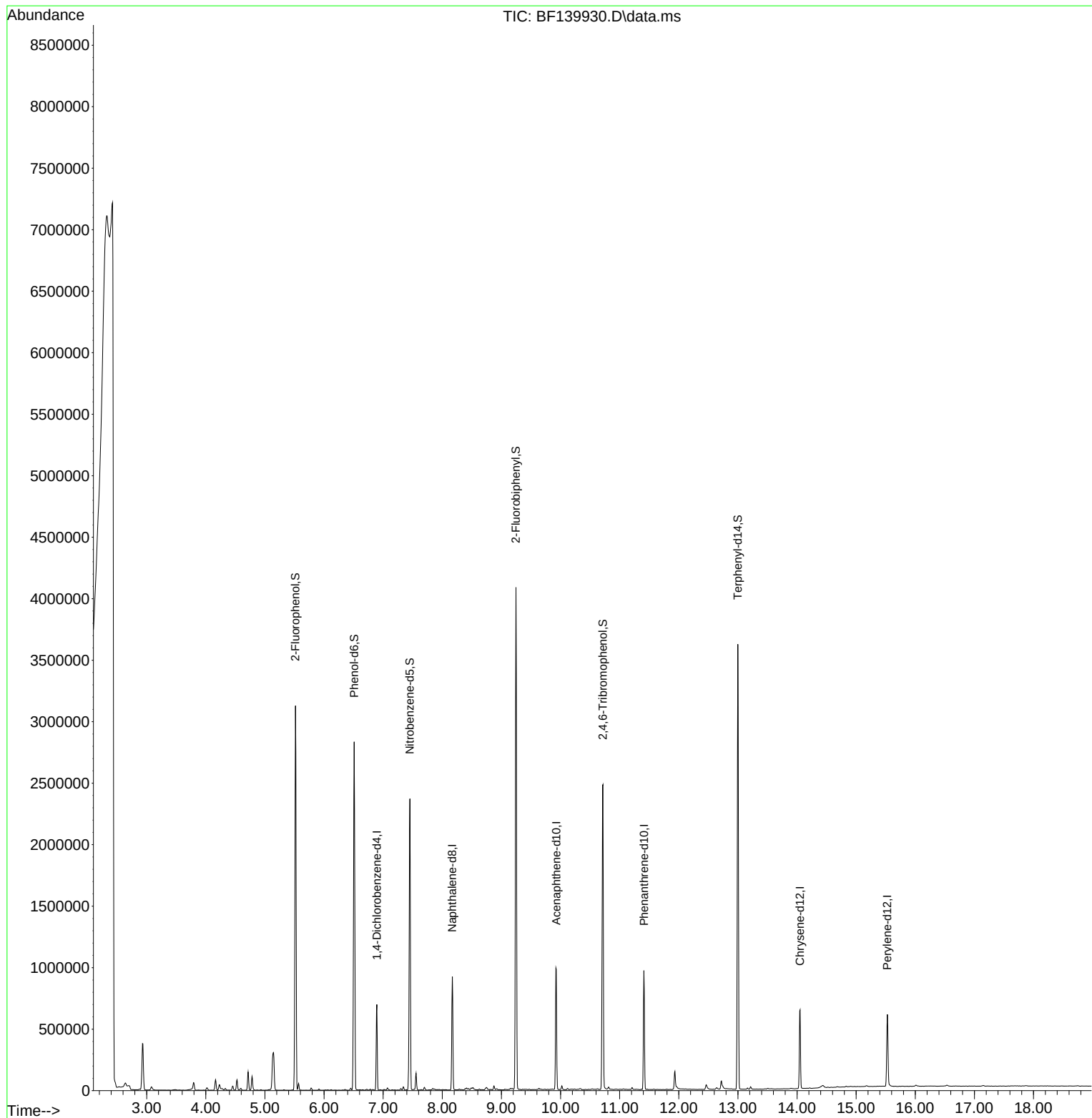
Target Compounds	Qvalue

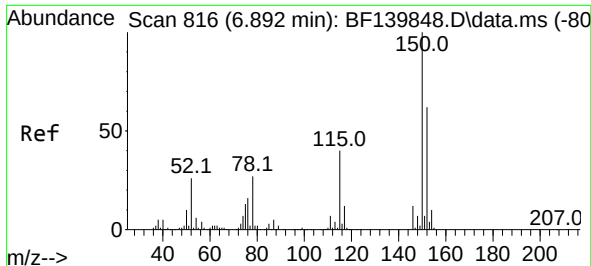
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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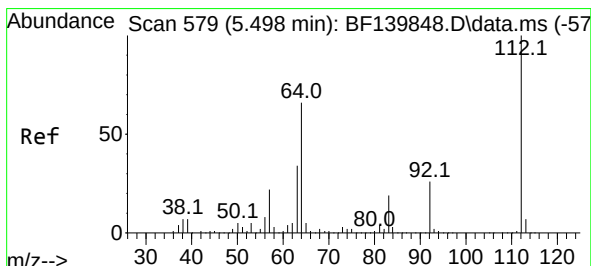
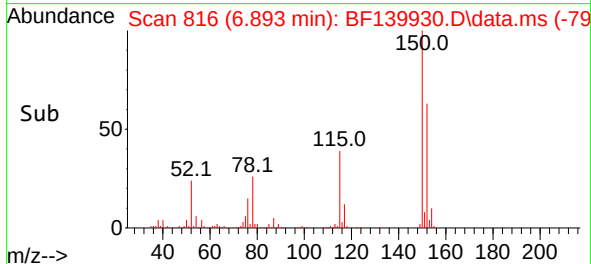
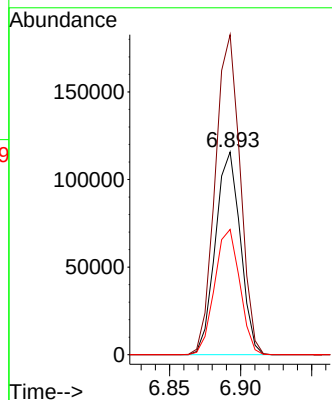
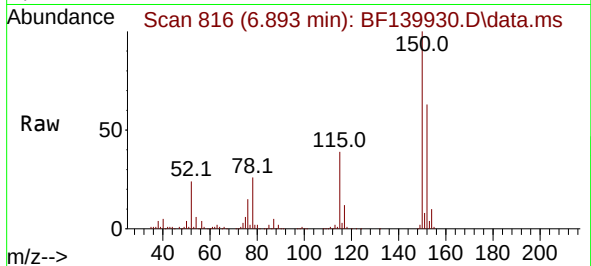




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF139930.D
Acq: 22 Oct 2024 16:01

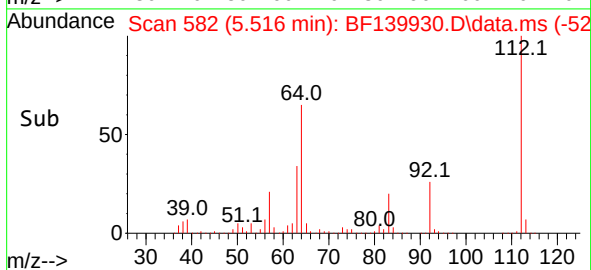
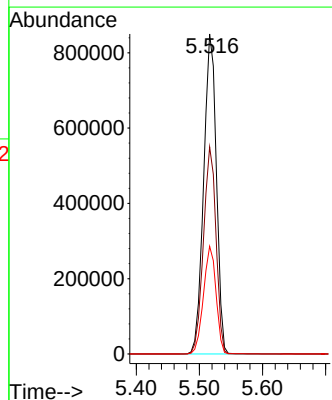
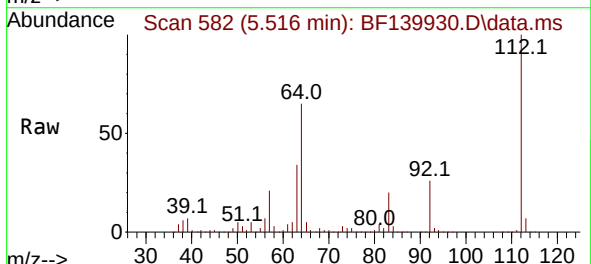
Instrument :
BNA_F
ClientSampleId :
IB-1

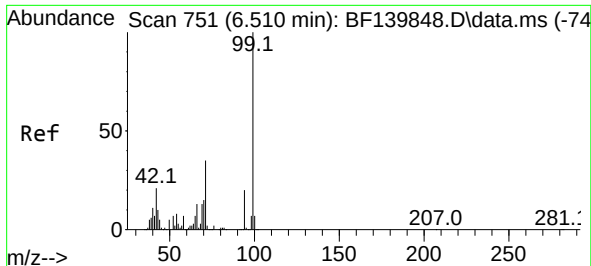
Tgt Ion:152 Resp: 141170
Ion Ratio Lower Upper
152 100
150 157.8 130.2 195.2
115 61.7 51.4 77.2



#5
2-Fluorophenol
Concen: 131.659 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139930.D
Acq: 22 Oct 2024 16:01

Tgt Ion:112 Resp: 1187256
Ion Ratio Lower Upper
112 100
64 64.7 53.0 79.6
63 33.7 27.0 40.4





#7
Phenol-d6
Concen: 117.829 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF139930.D
Acq: 22 Oct 2024 16:01

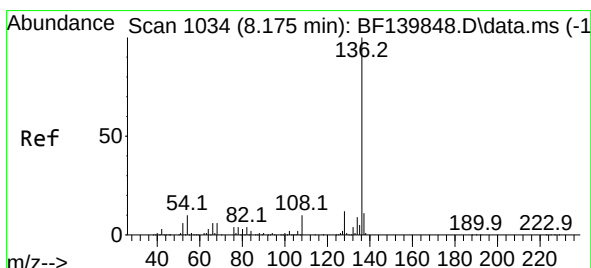
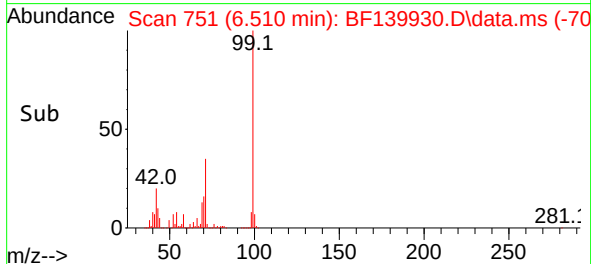
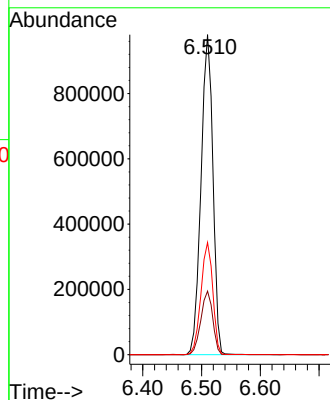
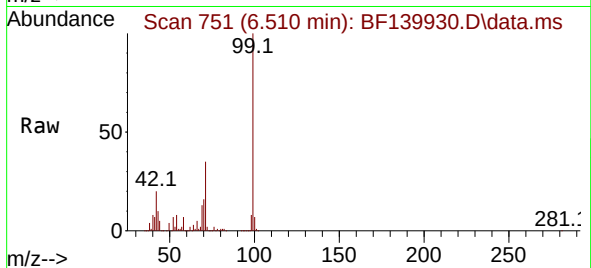
Instrument :

BNA_F

ClientSampleId :

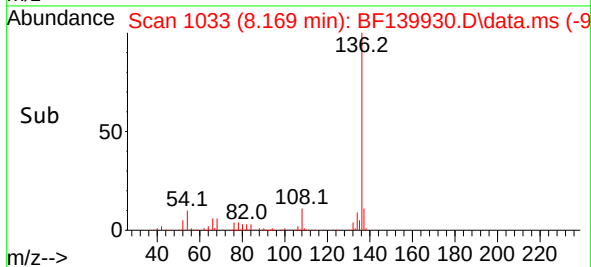
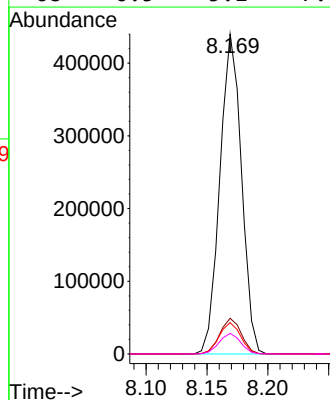
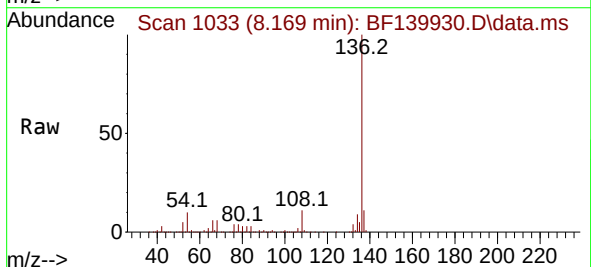
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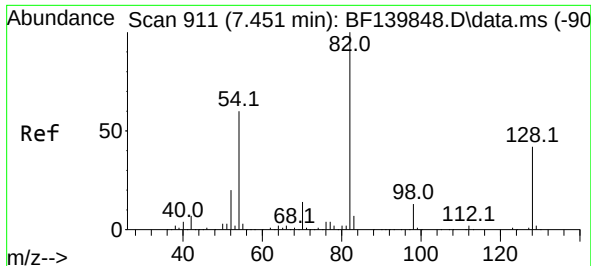
Tgt Ion: 99 Resp: 1376165
Ion Ratio Lower Upper
99 100
42 19.8 16.7 25.1
71 35.1 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139930.D
Acq: 22 Oct 2024 16:01

Tgt Ion:136 Resp: 543197
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 9.8 8.4 12.6
68 6.5 5.1 7.7

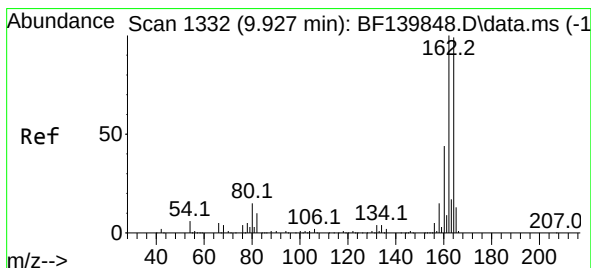
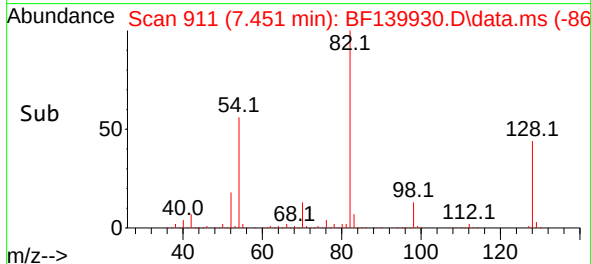
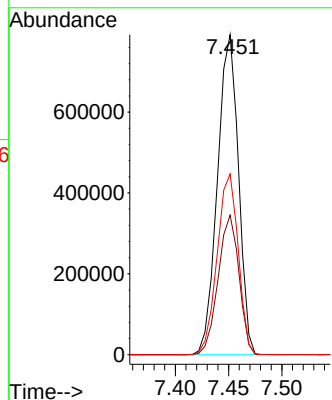
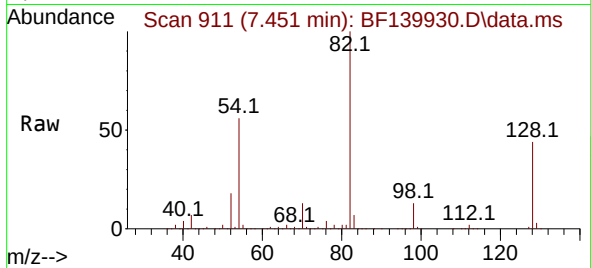




#23
Nitrobenzene-d5
Concen: 110.425 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF139930.D
Acq: 22 Oct 2024 16:01

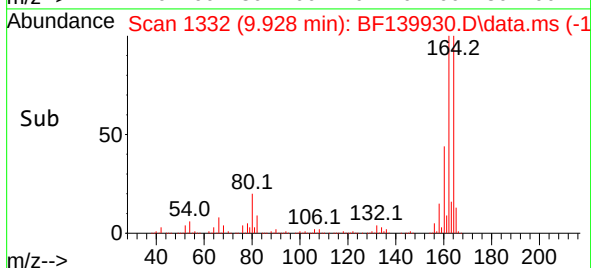
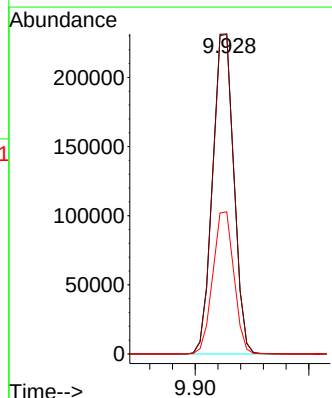
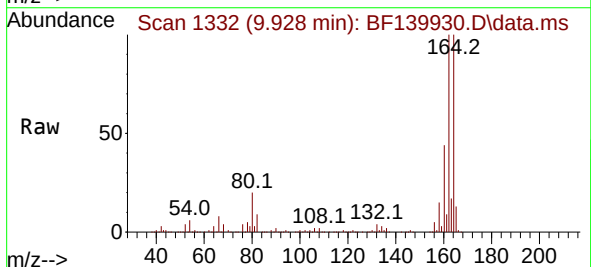
Instrument :
BNA_F
ClientSampleId :
IB-1

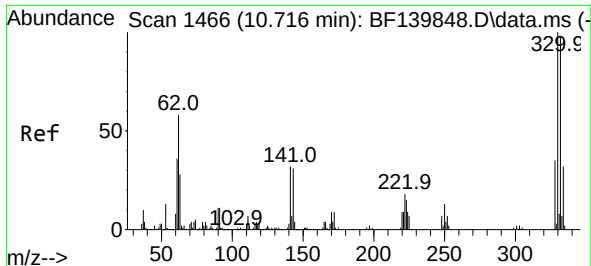
Tgt Ion: 82 Resp: 1082259
Ion Ratio Lower Upper
82 100
128 43.6 33.4 50.0
54 56.5 47.8 71.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1332
Delta R.T. 0.001 min
Lab File: BF139930.D
Acq: 22 Oct 2024 16:01

Tgt Ion:164 Resp: 301482
Ion Ratio Lower Upper
164 100
162 99.9 81.0 121.4
160 44.4 35.4 53.0

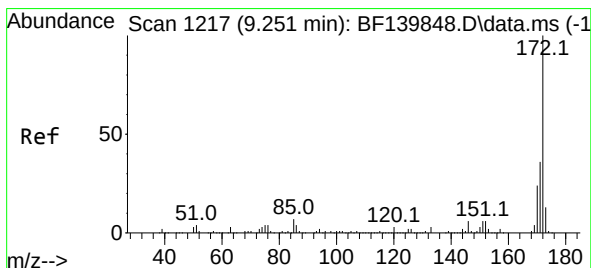
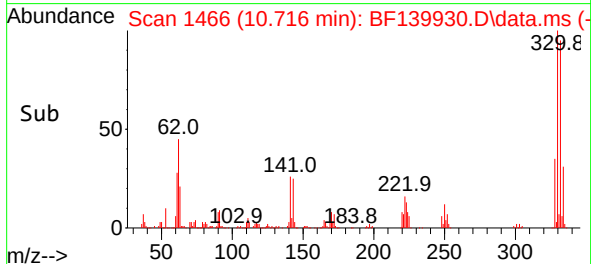
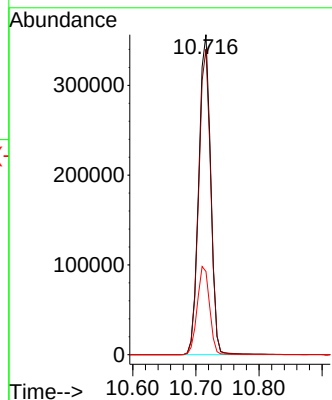
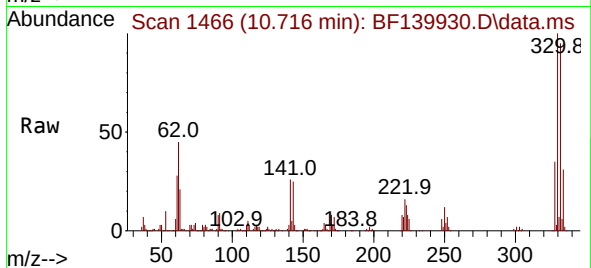




#42
2,4,6-Tribromophenol
Concen: 165.685 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF139930.D
Acq: 22 Oct 2024 16:01

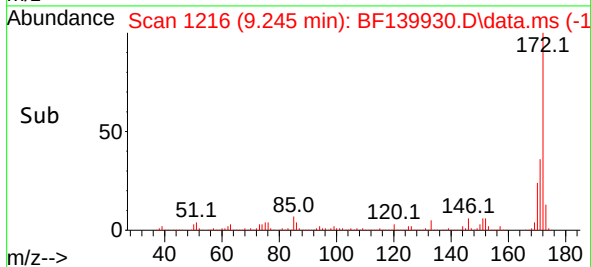
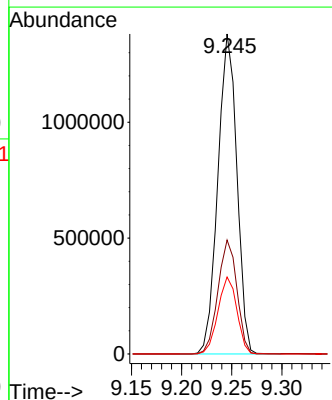
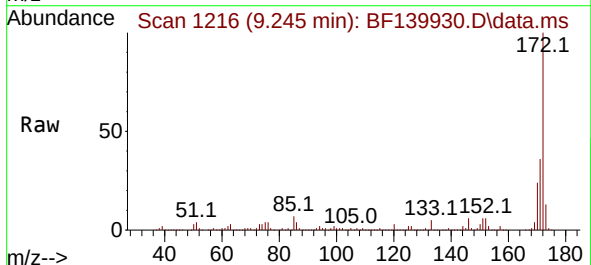
Instrument :
BNA_F
ClientSampleId :
IB-1

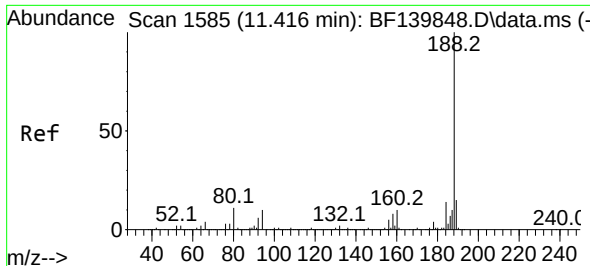
Tgt Ion: 330 Resp: 467227
Ion Ratio Lower Upper
330 100
332 96.0 78.1 117.1
141 28.5 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 99.636 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139930.D
Acq: 22 Oct 2024 16:01

Tgt Ion: 172 Resp: 1817534
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 24.1 19.1 28.7

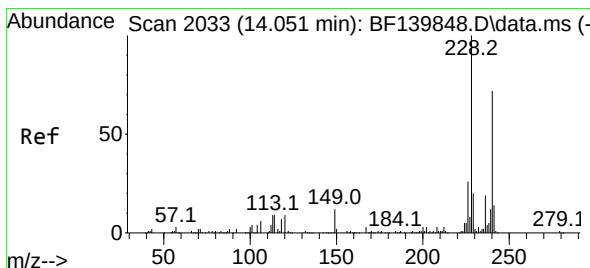
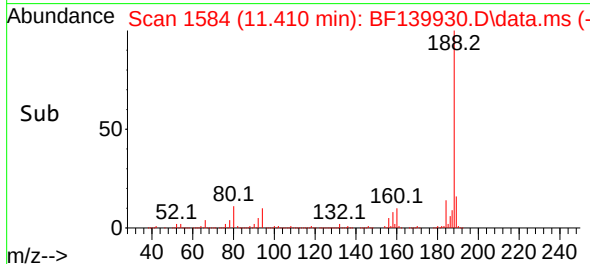
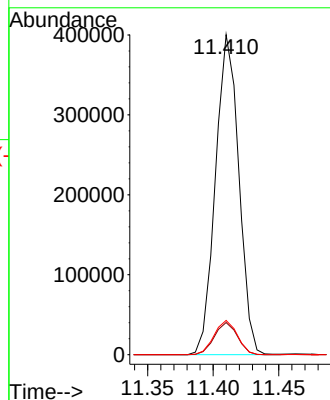
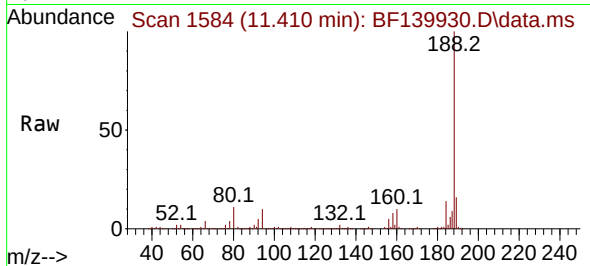




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139930.D
Acq: 22 Oct 2024 16:01

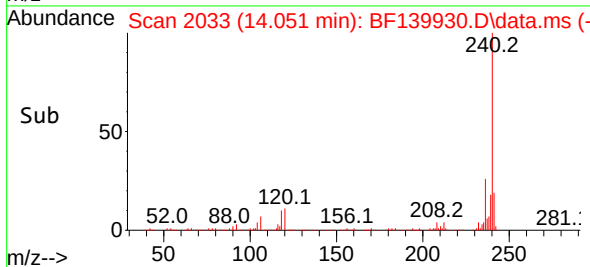
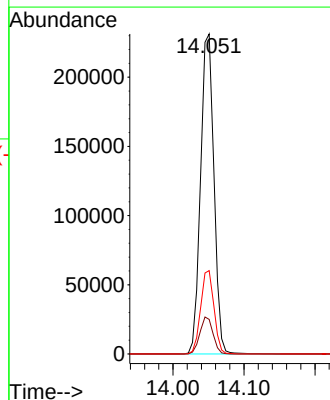
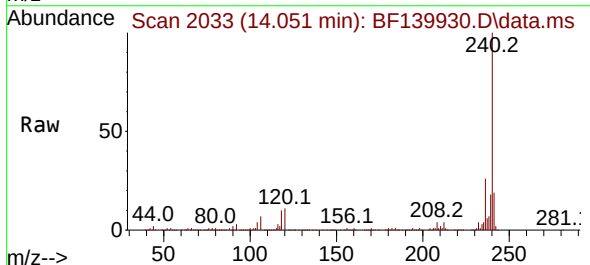
Instrument :
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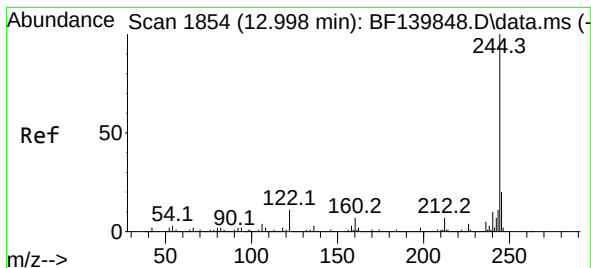
Tgt Ion:188 Resp: 495516
Ion Ratio Lower Upper
188 100
94 10.0 7.9 11.9
80 10.7 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF139930.D
Acq: 22 Oct 2024 16:01

Tgt Ion:240 Resp: 303793
Ion Ratio Lower Upper
240 100
120 10.8 9.4 14.2
236 26.1 20.9 31.3





#79

Terphenyl-d14

Concen: 97.489 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139930.D

Acq: 22 Oct 2024 16:01

Instrument :

BNA_F

ClientSampleId :

IB-1

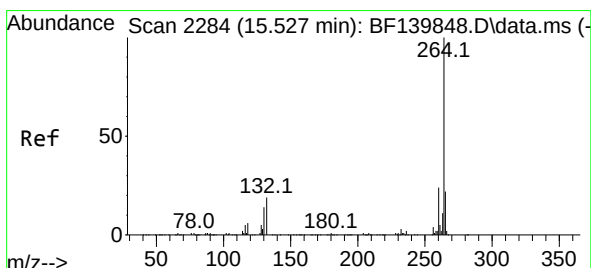
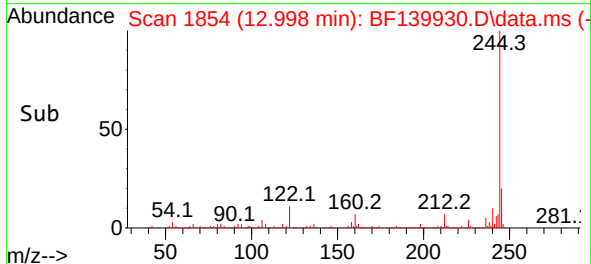
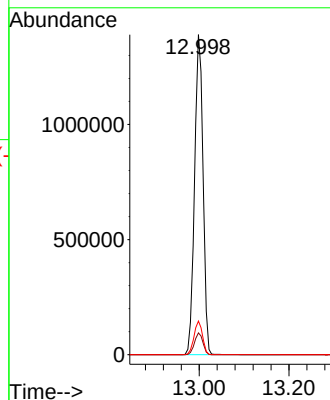
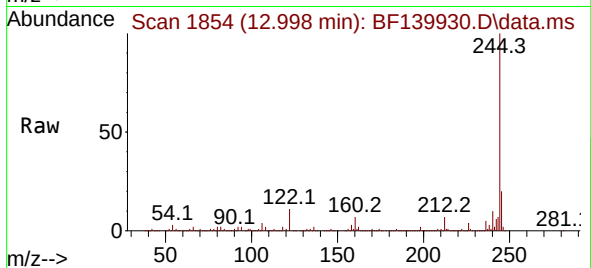
Tgt Ion:244 Resp: 1817549

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 10.5 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: BF139930.D

Acq: 22 Oct 2024 16:01

Tgt Ion:264 Resp: 338389

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.2

265 21.3 17.4 26.0

