

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
 Data File : BF139432.D
 Acq On : 18 Sep 2024 18:21
 Operator : RC/JU
 Sample : P4085-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

Quant Time: Sep 19 01:28:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

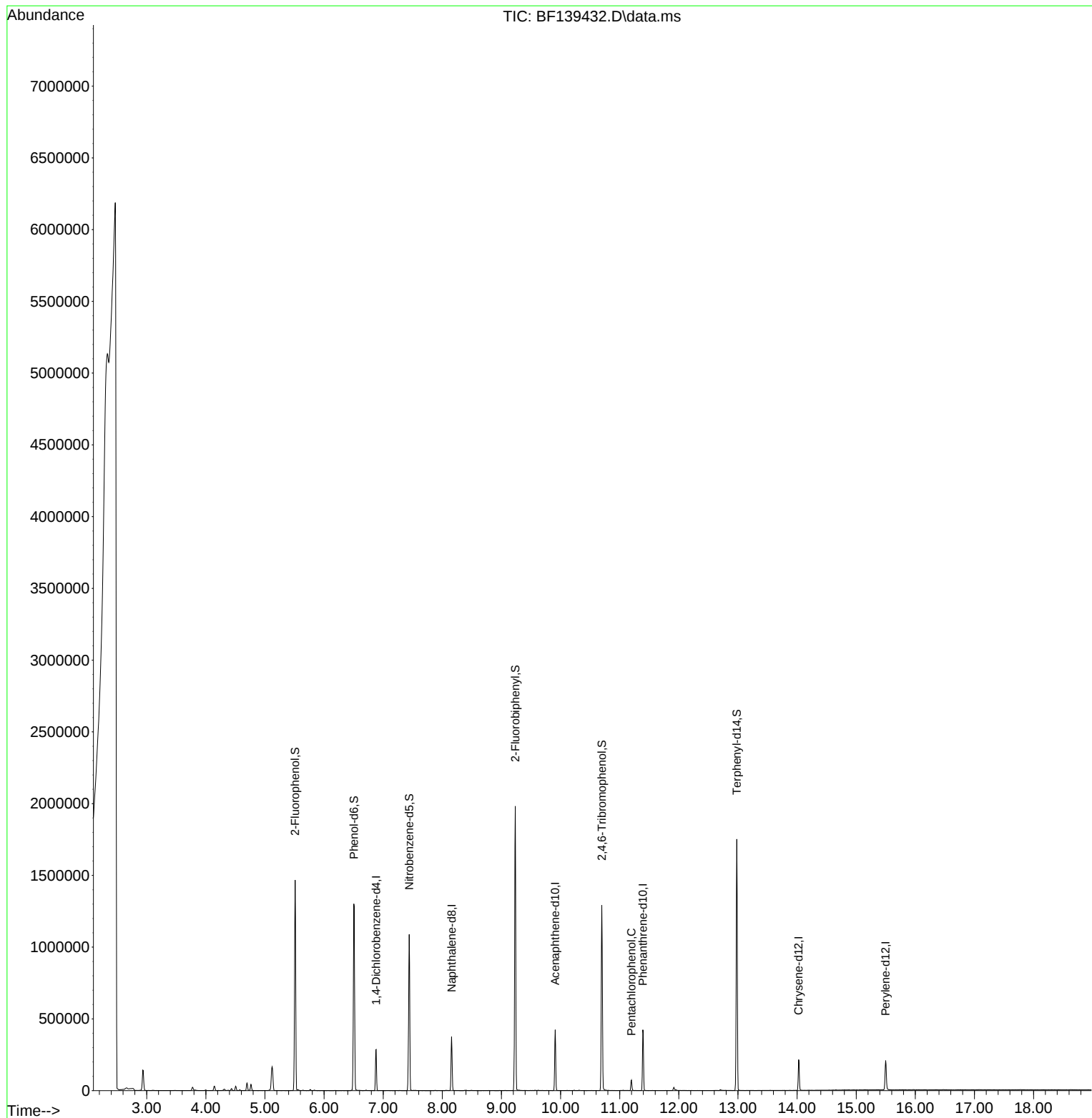
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	57956	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	214558	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	119612	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	223917	20.000	ng	0.00
76) Chrysene-d12	14.027	240	102605	20.000	ng	0.00
86) Perylene-d12	15.498	264	124328	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	481389	135.501	ng	0.02
7) Phenol-d6	6.504	99	577925	123.936	ng	0.00
23) Nitrobenzene-d5	7.439	82	465019	101.890	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	193363	151.846	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	841244	98.641	ng	0.00
79) Terphenyl-d14	12.980	244	832978	133.253	ng	0.00
Target Compounds						
70) Pentachlorophenol	11.198	266	12575	8.047	ng	97

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

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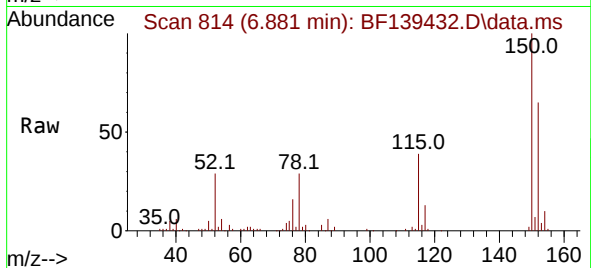
Quant Time: Sep 19 01:28:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
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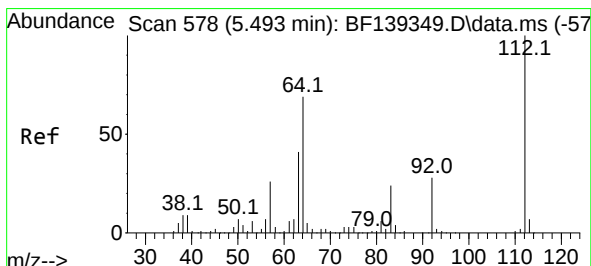
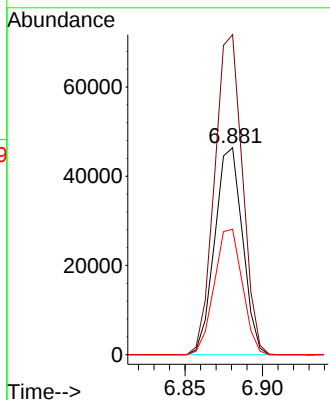
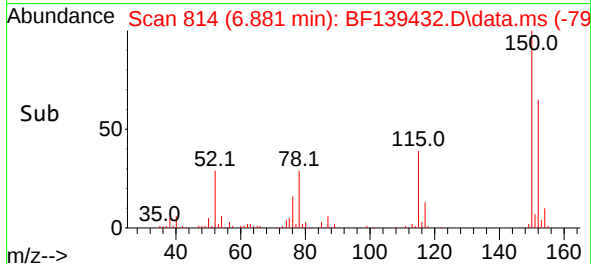


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139432.D
Acq: 18 Sep 2024 18:21

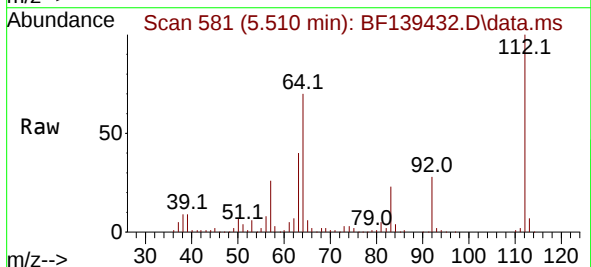
Instrument :
BNA_F
ClientSampleId :
COMP-2



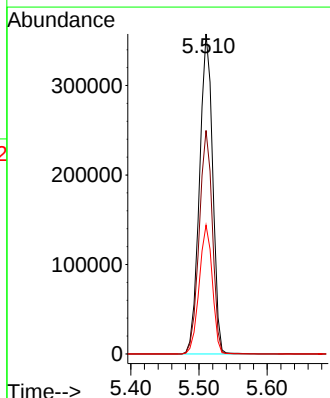
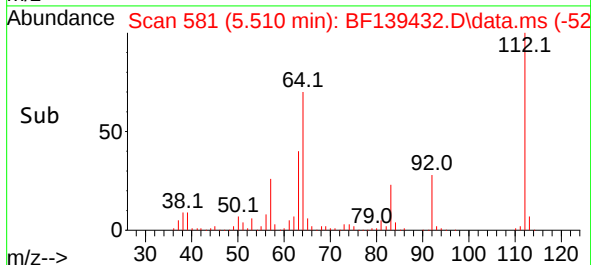
Tgt Ion:152 Resp: 57956
Ion Ratio Lower Upper
152 100
150 154.7 124.1 186.1
115 60.6 48.1 72.1



#5
2-Fluorophenol
Concen: 135.501 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.017 min
Lab File: BF139432.D
Acq: 18 Sep 2024 18:21



Tgt Ion:112 Resp: 481389
Ion Ratio Lower Upper
112 100
64 69.9 54.8 82.2
63 40.2 33.0 49.4

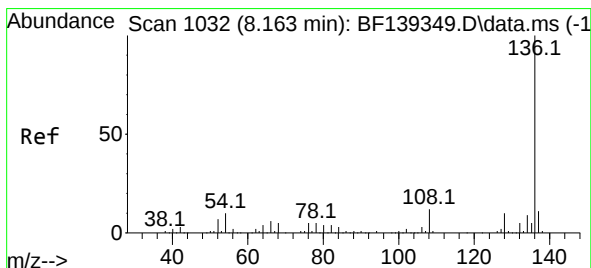
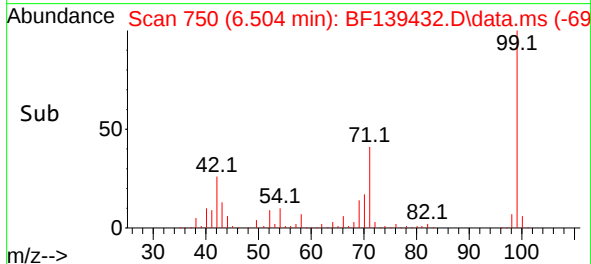
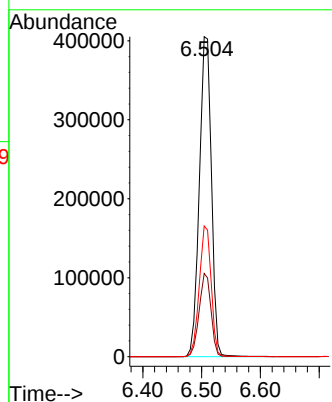
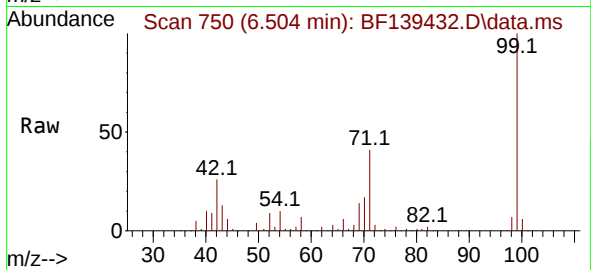




#7
Phenol-d6
Concen: 123.936 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139432.D
Acq: 18 Sep 2024 18:21

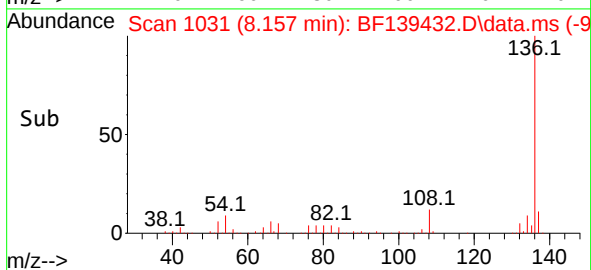
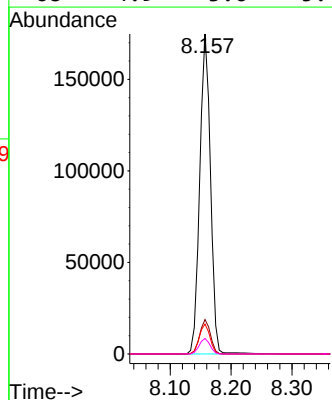
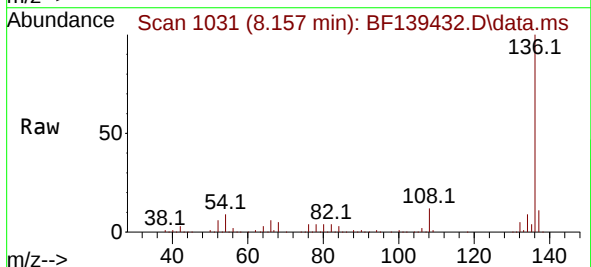
Instrument :
BNA_F
ClientSampleId :
COMP-2

Tgt Ion: 99 Resp: 577925
Ion Ratio Lower Upper
99 100
42 26.0 21.9 32.9
71 40.9 34.6 52.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139432.D
Acq: 18 Sep 2024 18:21

Tgt Ion: 136 Resp: 214558
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 9.4 7.8 11.8
68 4.9 3.6 5.4





#23

Nitrobenzene-d5

Concen: 101.890 ng

RT: 7.439 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF139432.D

Acq: 18 Sep 2024 18:21

Instrument :

BNA_F

ClientSampleId :

COMP-2

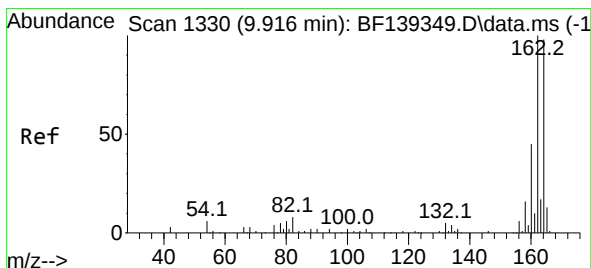
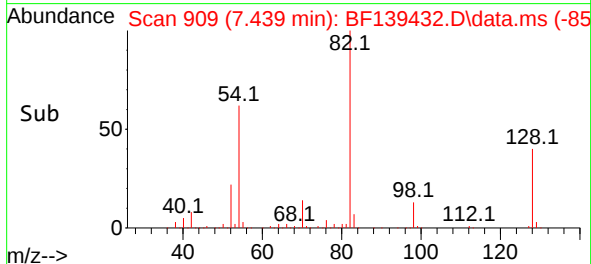
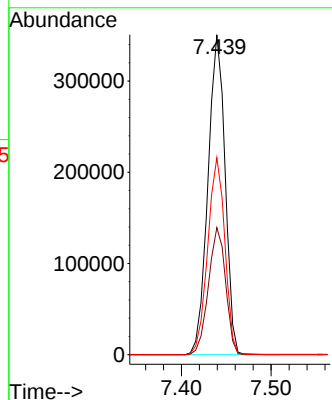
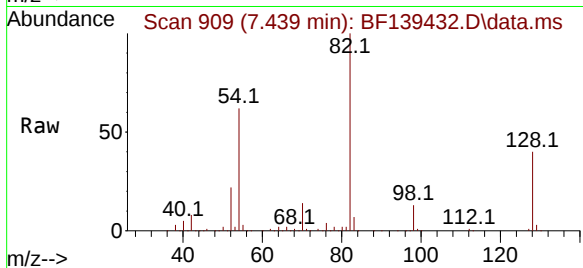
Tgt Ion: 82 Resp: 465019

Ion Ratio Lower Upper

82 100

128 39.7 31.8 47.6

54 61.6 50.6 75.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF139432.D

Acq: 18 Sep 2024 18:21

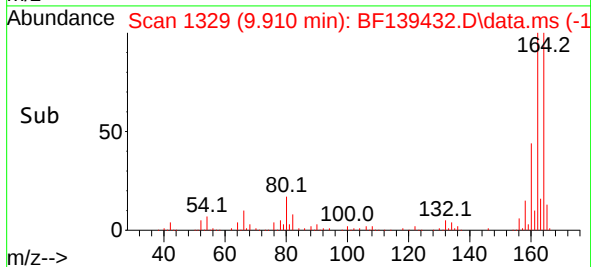
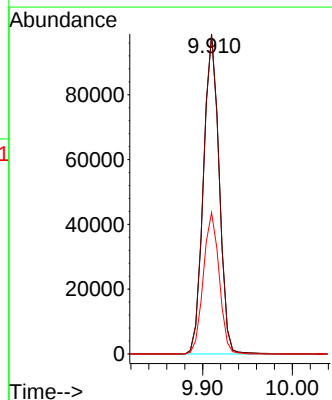
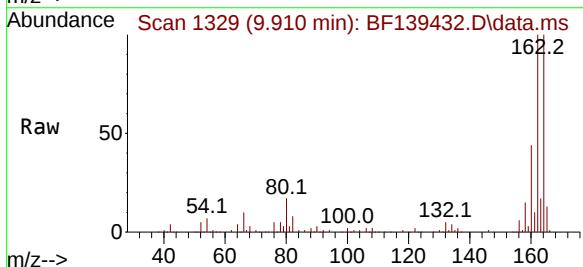
Tgt Ion:164 Resp: 119612

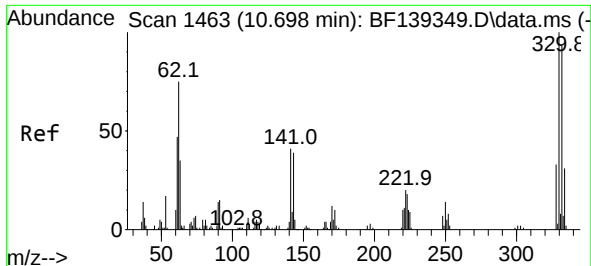
Ion Ratio Lower Upper

164 100

162 99.7 81.3 121.9

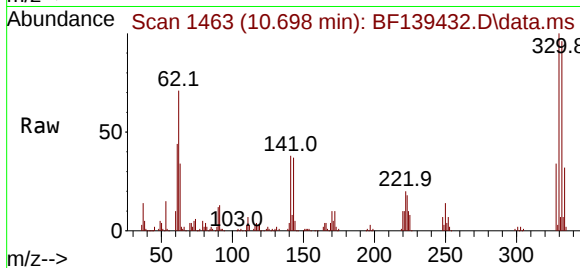
160 44.2 36.4 54.6



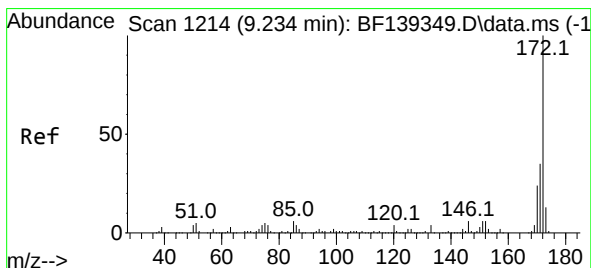
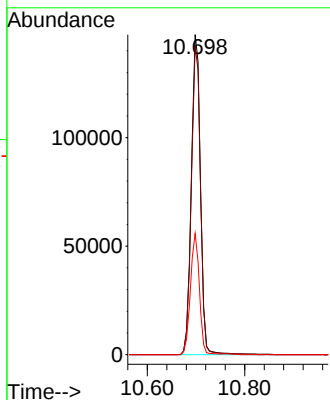
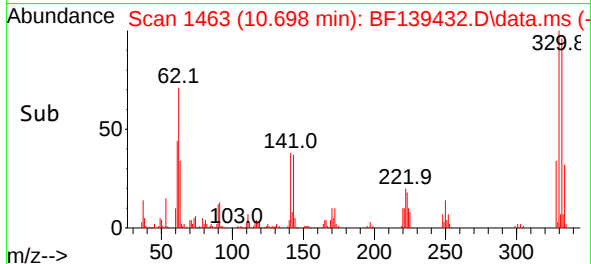


#42
2,4,6-Tribromophenol
Concen: 151.846 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139432.D
Acq: 18 Sep 2024 18:21

Instrument :
BNA_F
ClientSampleId :
COMP-2

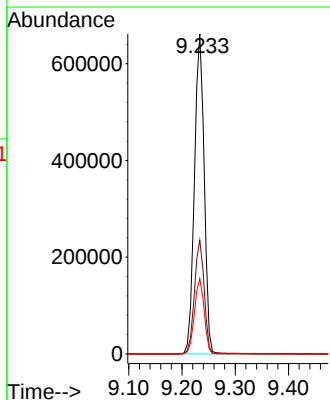
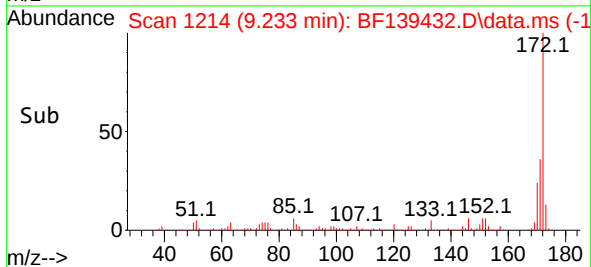
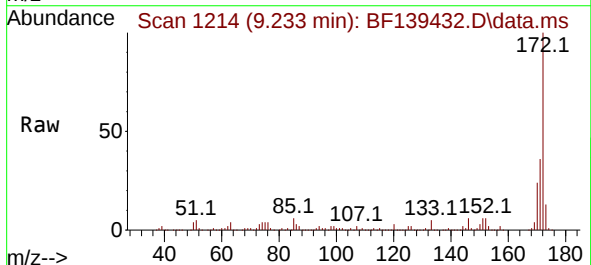


Tgt Ion:330 Resp: 193363
Ion Ratio Lower Upper
330 100
332 96.3 75.2 112.8
141 36.9 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 98.641 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139432.D
Acq: 18 Sep 2024 18:21

Tgt Ion:172 Resp: 841244
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.6 19.0 28.6

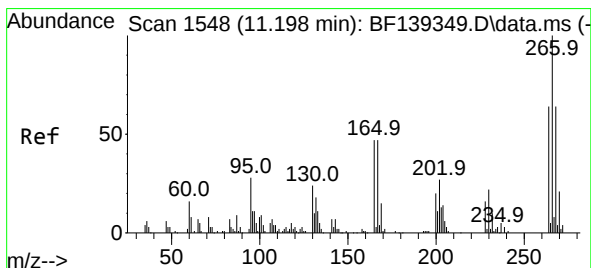
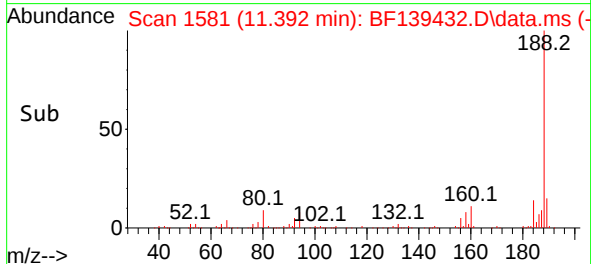
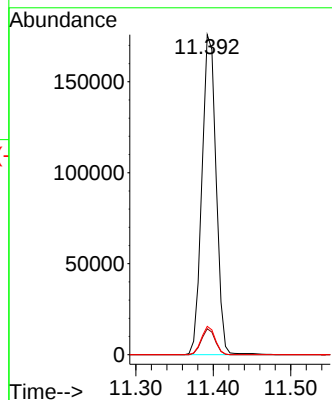
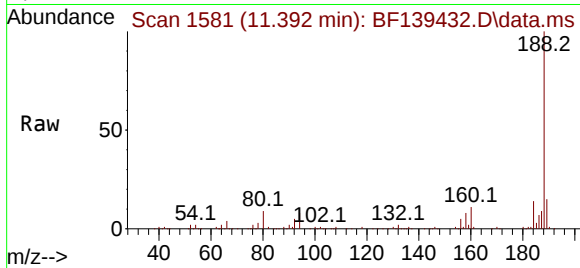




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139432.D
Acq: 18 Sep 2024 18:21

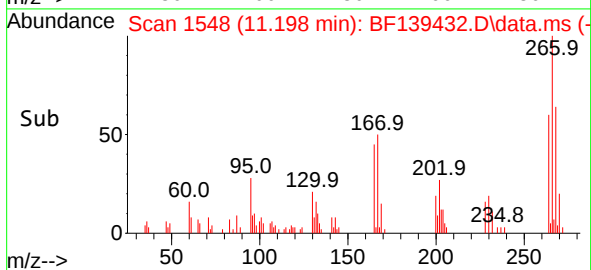
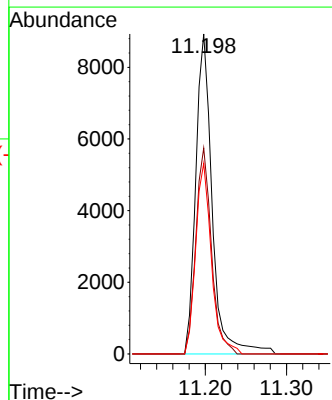
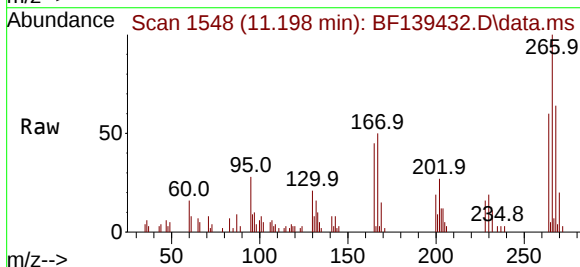
Instrument :
BNA_F
ClientSampleId :
COMP-2

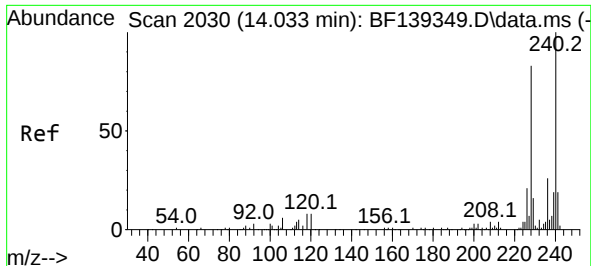
Tgt Ion:188 Resp: 223917
Ion Ratio Lower Upper
188 100
94 8.1 5.5 8.3
80 8.9 6.6 9.8



#70
Pentachlorophenol
Concen: 8.047 ng
RT: 11.198 min Scan# 1548
Delta R.T. -0.000 min
Lab File: BF139432.D
Acq: 18 Sep 2024 18:21

Tgt Ion:266 Resp: 12575
Ion Ratio Lower Upper
266 100
268 64.4 51.1 76.7
264 59.5 51.4 77.0

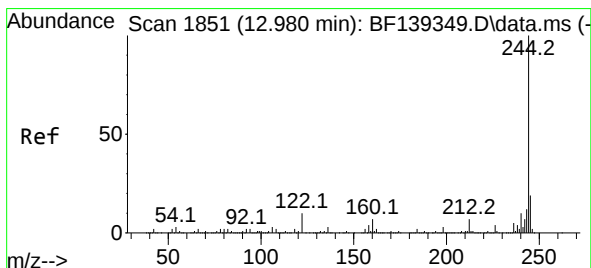
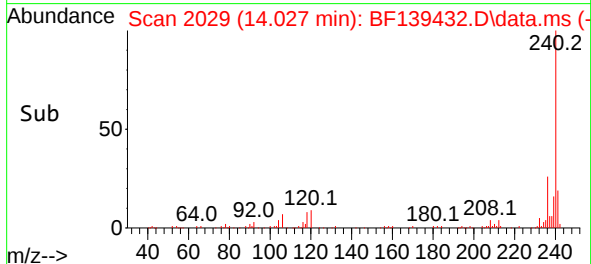
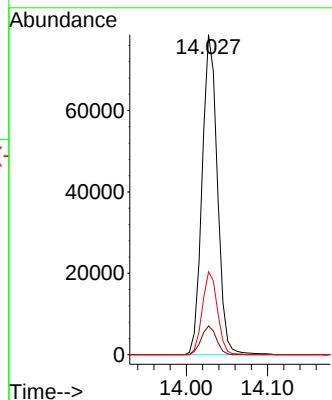
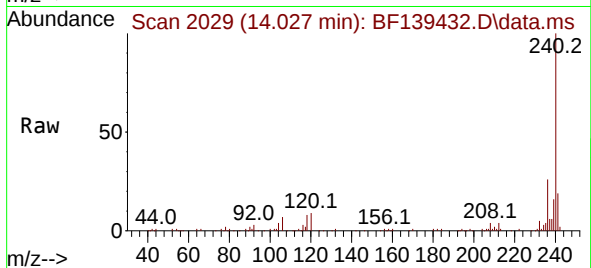




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF139432.D
Acq: 18 Sep 2024 18:21

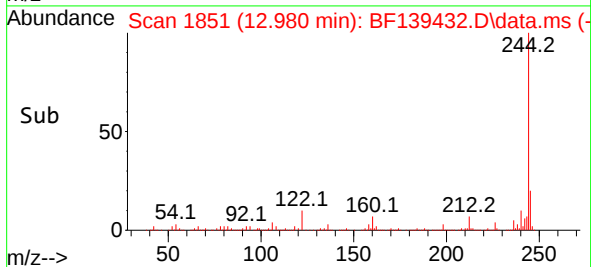
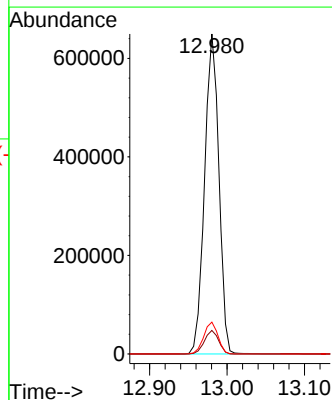
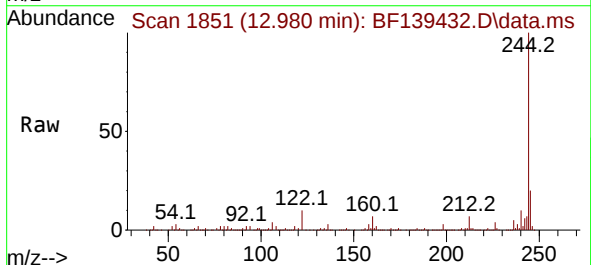
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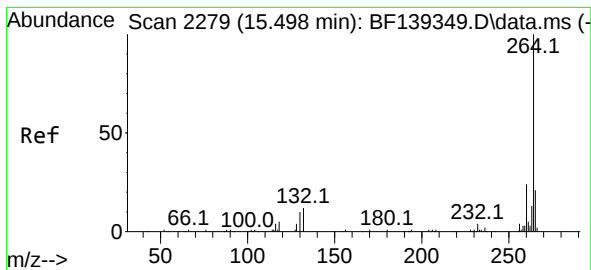
Tgt Ion:240 Resp: 102605
Ion Ratio Lower Upper
240 100
120 9.0 6.2 9.2
236 25.9 20.9 31.3



#79
Terphenyl-d14
Concen: 133.253 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF139432.D
Acq: 18 Sep 2024 18:21

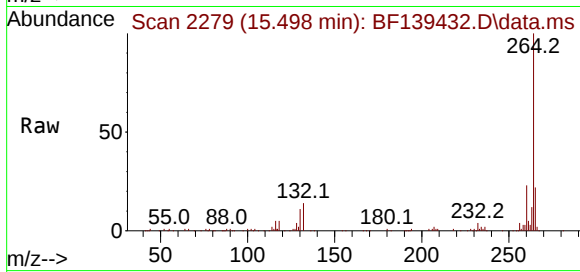
Tgt Ion:244 Resp: 832978
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 10.0 7.6 11.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF139432.D
 Acq: 18 Sep 2024 18:21

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:264 Resp: 124328
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.5 29.3
 265 21.7 16.6 25.0

