

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082224\
Data File : BF139114.D
Acq On : 22 Aug 2024 10:54
Operator : RC/JU
Sample : PB162782BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB162782BL

Quant Time: Aug 22 11:25:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 21 01:25:05 2024
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	86825	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	330923	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	195333	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	369564	20.000	ng	0.00
76) Chrysene-d12	14.057	240	295723	20.000	ng	0.00
86) Perylene-d12	15.533	264	242965	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	776569	137.606	ng	0.01
7) Phenol-d6	6.522	99	1015457	139.256	ng	0.00
23) Nitrobenzene-d5	7.457	82	680712	119.862	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	292609	165.473	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1190349	96.687	ng	0.00
79) Terphenyl-d14	13.010	244	1625588	91.211	ng	0.00

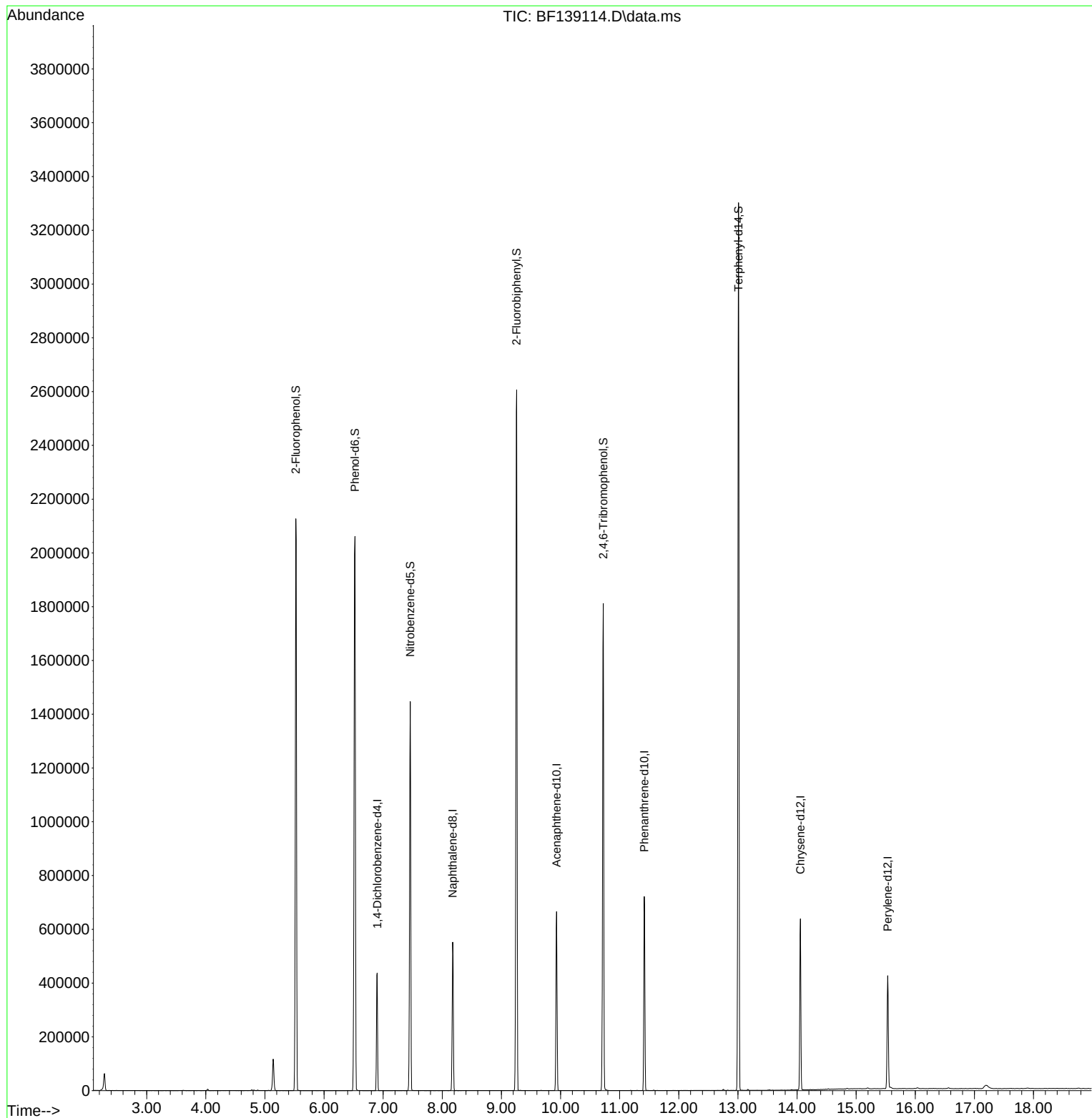
Target Compounds	Qvalue

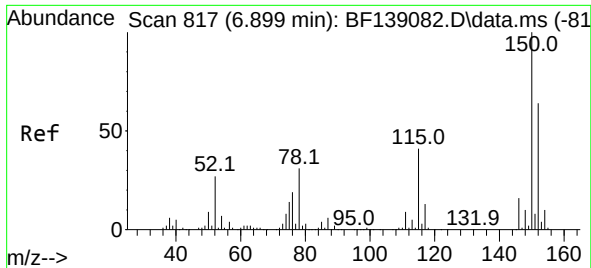
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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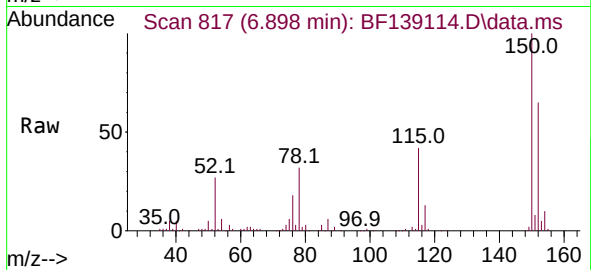
Quant Time: Aug 22 11:25:48 2024
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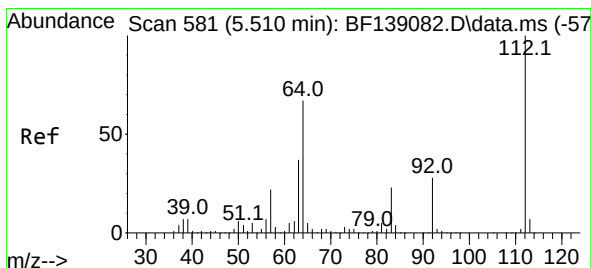
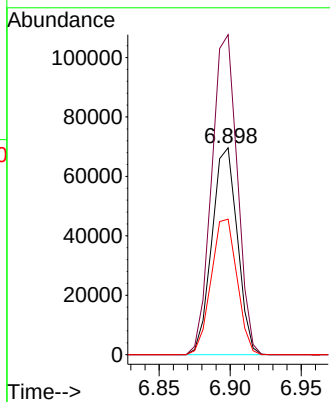
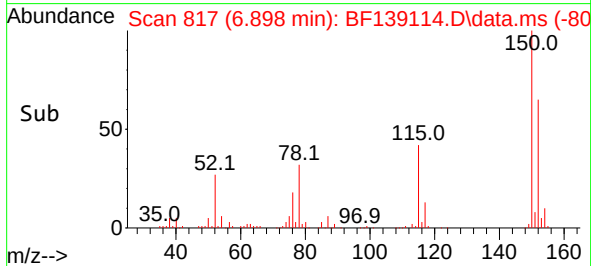


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.001 min
Lab File: BF139114.D
Acq: 22 Aug 2024 10:54

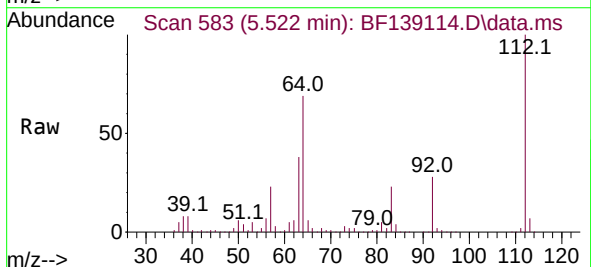
Instrument :
BNA_F
ClientSampleId :
PB162782BL



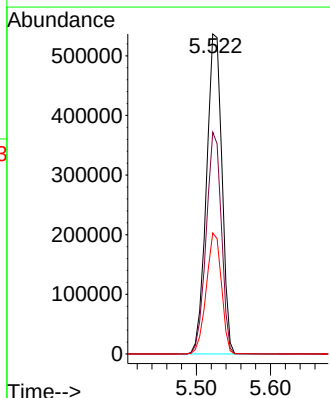
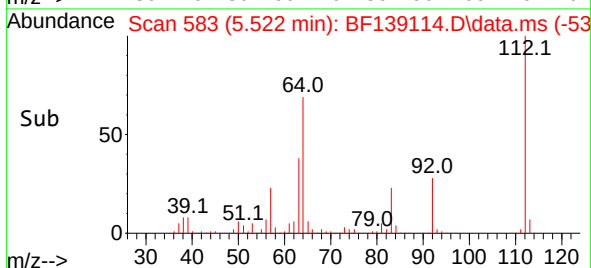
Tgt Ion:152 Resp: 86825
Ion Ratio Lower Upper
152 100
150 154.7 125.1 187.7
115 65.5 51.8 77.6

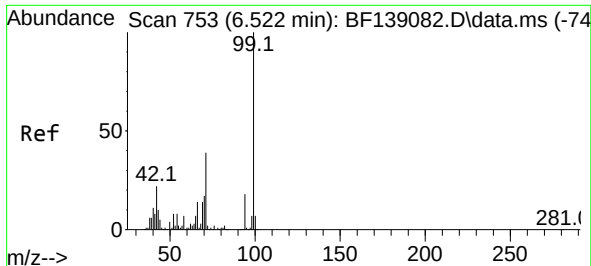


#5
2-Fluorophenol
Concen: 137.606 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.012 min
Lab File: BF139114.D
Acq: 22 Aug 2024 10:54



Tgt Ion:112 Resp: 776569
Ion Ratio Lower Upper
112 100
64 69.3 53.8 80.6
63 37.8 29.4 44.2





#7

Phenol-d6

Concen: 139.256 ng

RT: 6.522 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139114.D

Acq: 22 Aug 2024 10:54

Instrument :

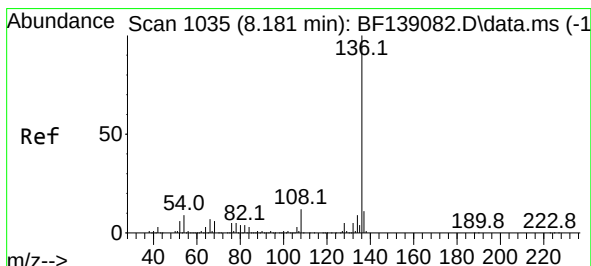
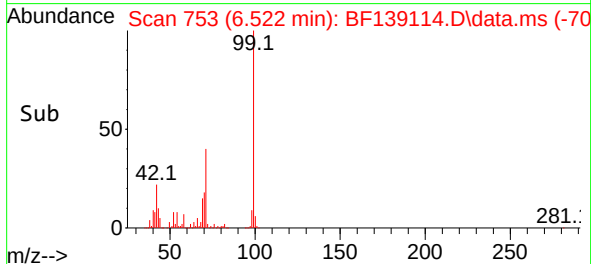
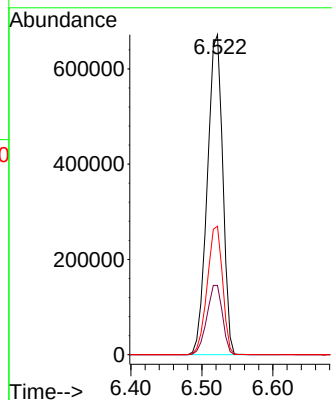
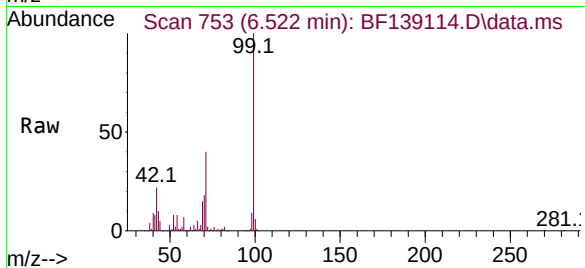
BNA_F

ClientSampleId :

PB162782BL

Tgt Ion: 99 Resp: 1015457

Ion	Ratio	Lower	Upper
99	100		
42	21.7	17.4	26.2
71	40.1	31.2	46.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.175 min Scan# 1034

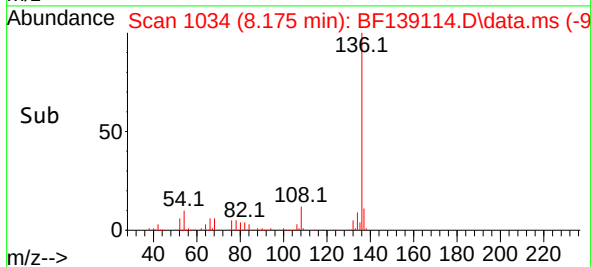
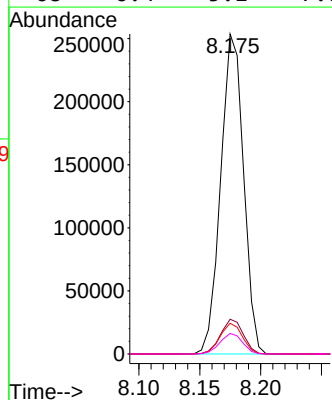
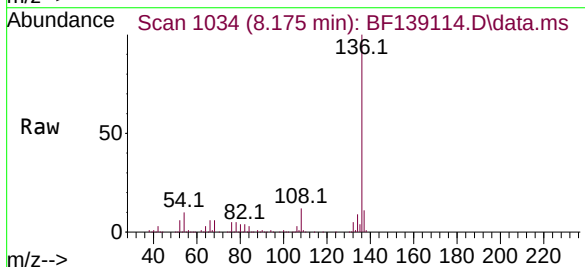
Delta R.T. -0.006 min

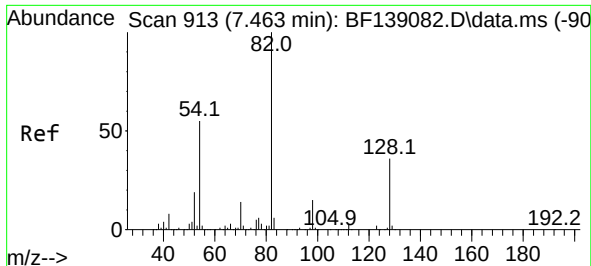
Lab File: BF139114.D

Acq: 22 Aug 2024 10:54

Tgt Ion: 136 Resp: 330923

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	9.6	7.6	11.4
68	6.4	5.1	7.7





#23

Nitrobenzene-d5

Concen: 119.862 ng

RT: 7.457 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF139114.D

Acq: 22 Aug 2024 10:54

Instrument :

BNA_F

ClientSampleId :

PB162782BL

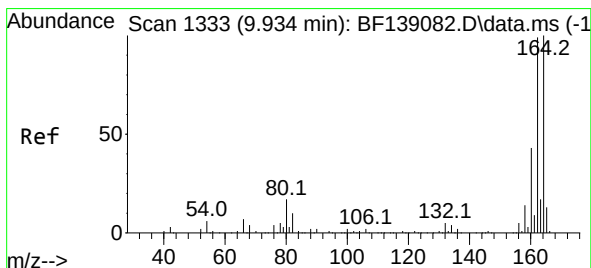
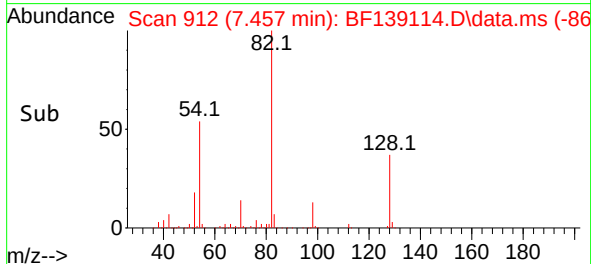
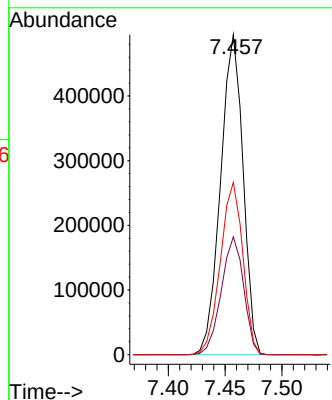
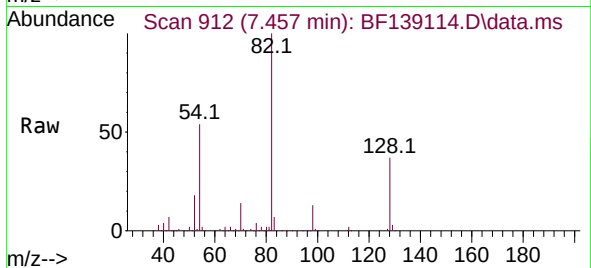
Tgt Ion: 82 Resp: 680712

Ion Ratio Lower Upper

82 100

128 36.8 29.0 43.4

54 53.8 43.4 65.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1333

Delta R.T. -0.000 min

Lab File: BF139114.D

Acq: 22 Aug 2024 10:54

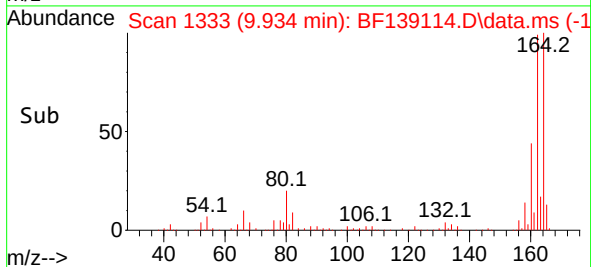
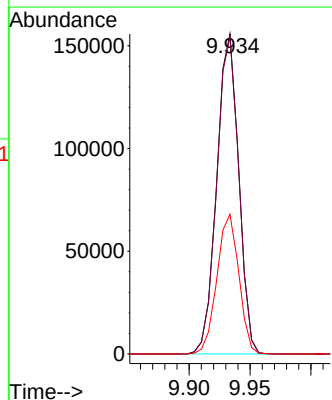
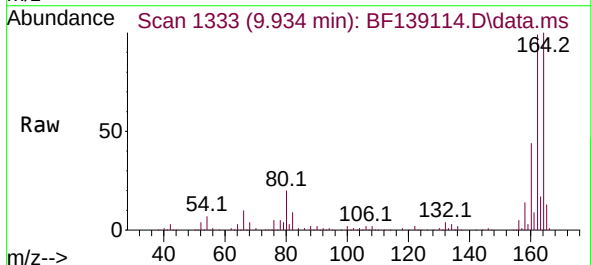
Tgt Ion:164 Resp: 195333

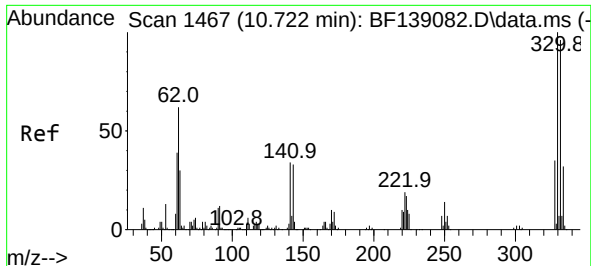
Ion Ratio Lower Upper

164 100

162 99.1 79.5 119.3

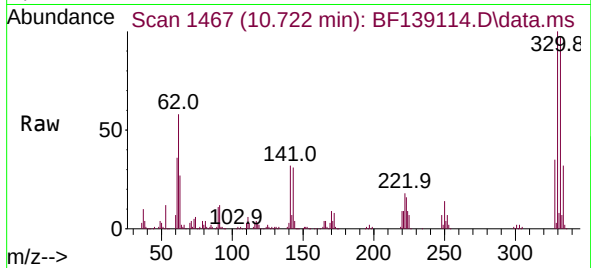
160 43.7 34.5 51.7



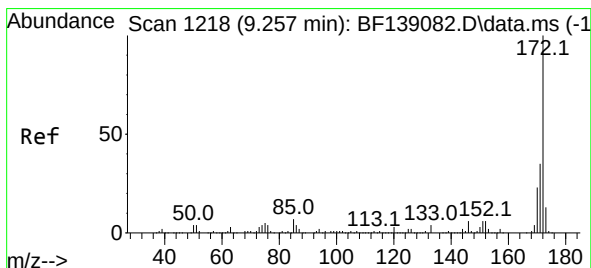
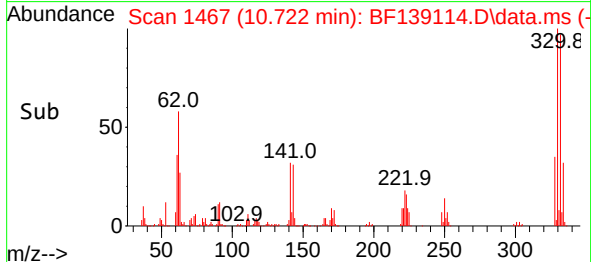
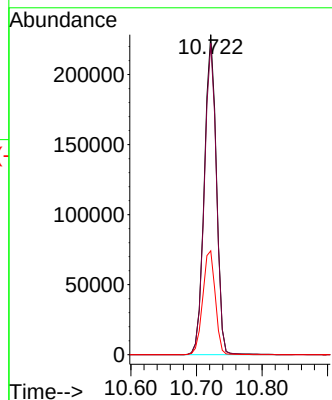


#42
2,4,6-Tribromophenol
Concen: 165.473 ng
RT: 10.722 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF139114.D
Acq: 22 Aug 2024 10:54

Instrument :
BNA_F
ClientSampleId :
PB162782BL

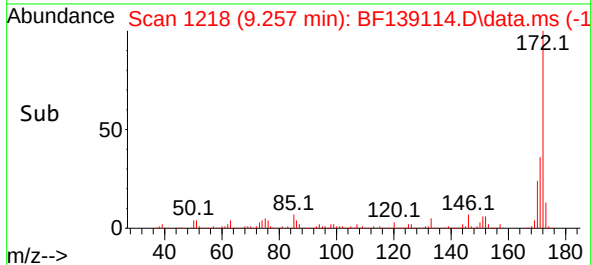
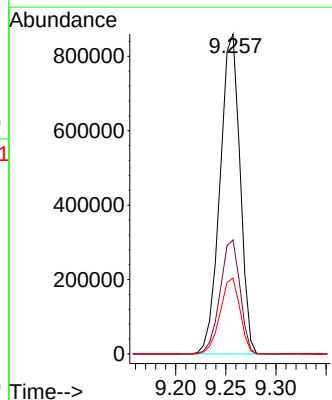
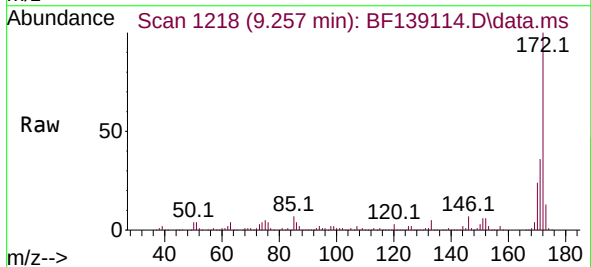


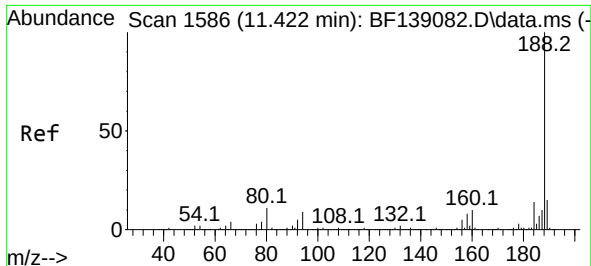
Tgt Ion:330 Resp: 292609
Ion Ratio Lower Upper
330 100
332 97.4 77.0 115.6
141 33.8 27.5 41.3



#45
2-Fluorobiphenyl
Concen: 96.687 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BF139114.D
Acq: 22 Aug 2024 10:54

Tgt Ion:172 Resp: 1190349
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.7 18.8 28.2

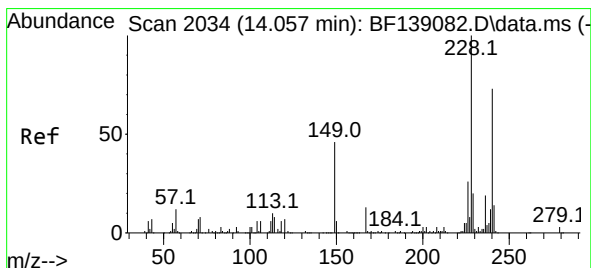
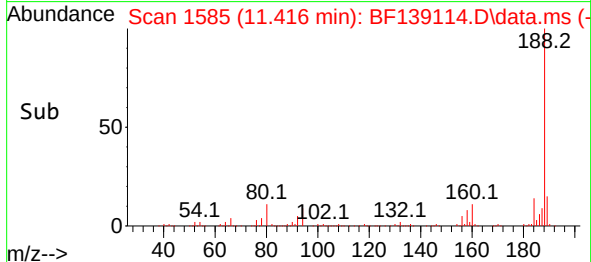
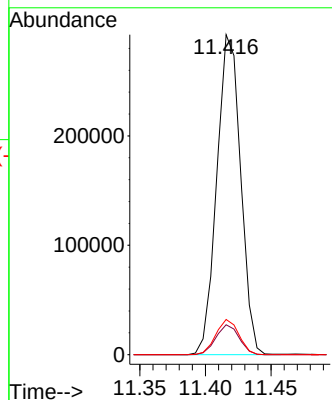
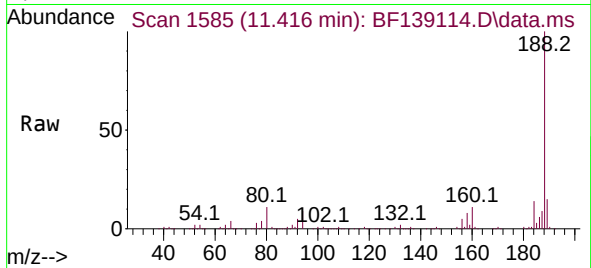




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139114.D
Acq: 22 Aug 2024 10:54

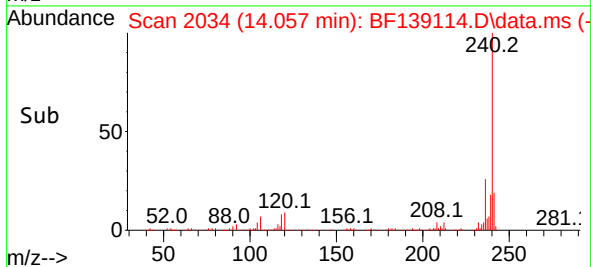
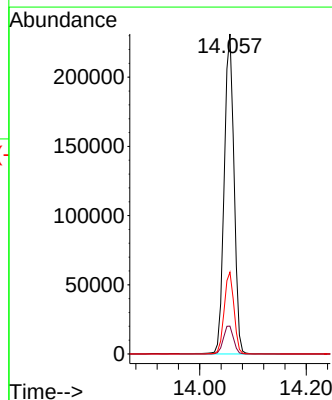
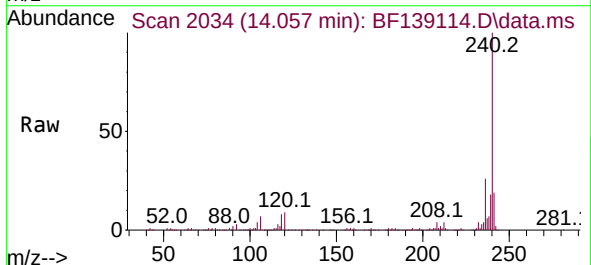
Instrument :
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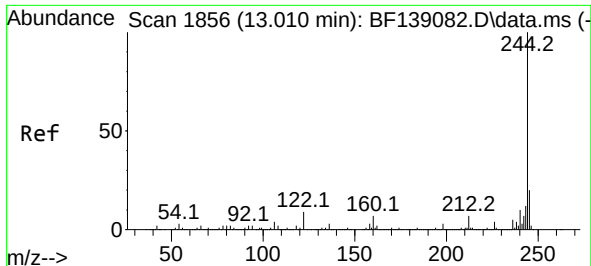
Tgt Ion:188 Resp: 369564
Ion Ratio Lower Upper
188 100
94 9.4 7.2 10.8
80 11.0 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BF139114.D
Acq: 22 Aug 2024 10:54

Tgt Ion:240 Resp: 295723
Ion Ratio Lower Upper
240 100
120 8.7 7.8 11.6
236 25.5 20.9 31.3

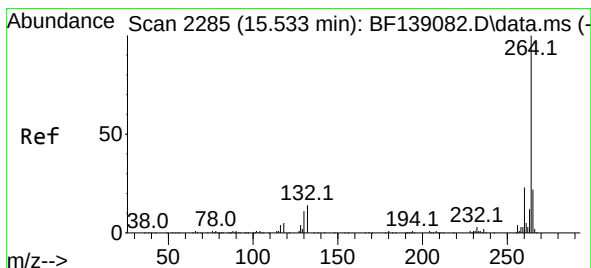
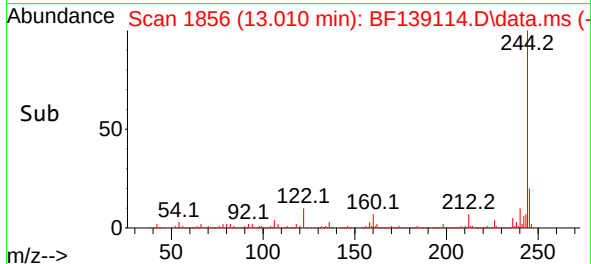
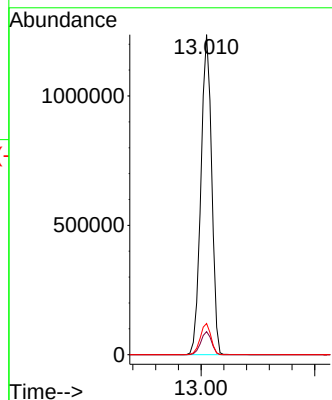
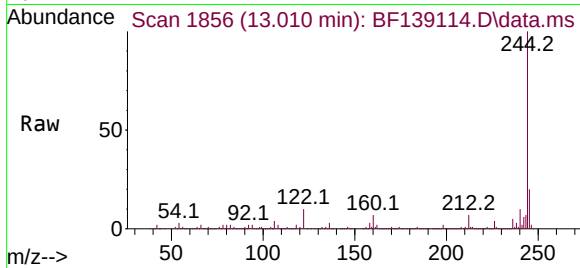




#79
 Terphenyl-d14
 Concen: 91.211 ng
 RT: 13.010 min Scan# 1856
 Delta R.T. -0.000 min
 Lab File: BF139114.D
 Acq: 22 Aug 2024 10:54

Instrument :
 BNA_F
 ClientSampleId :
 PB162782BL

Tgt Ion:244 Resp: 1625588
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 9.7 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2285
 Delta R.T. -0.000 min
 Lab File: BF139114.D
 Acq: 22 Aug 2024 10:54

Tgt Ion:264 Resp: 242965
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 27.8
 265 21.2 17.4 26.2

