

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091024\
Data File : BF139294.D
Acq On : 10 Sep 2024 12:20
Operator : RC/JU
Sample : PB163252BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB163252BL

Quant Time: Sep 10 13:05:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 16:11:43 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	177459	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	677906	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	383053	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	729865	20.000	ng	0.00
76) Chrysene-d12	14.051	240	473039	20.000	ng	0.00
86) Perylene-d12	15.527	264	355320	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1240260	116.917	ng	0.02
7) Phenol-d6	6.516	99	1596243	112.717	ng	0.00
23) Nitrobenzene-d5	7.451	82	1064973	81.726	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	420770	127.208	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1915160	77.178	ng	0.00
79) Terphenyl-d14	13.004	244	2133481	72.820	ng	0.00

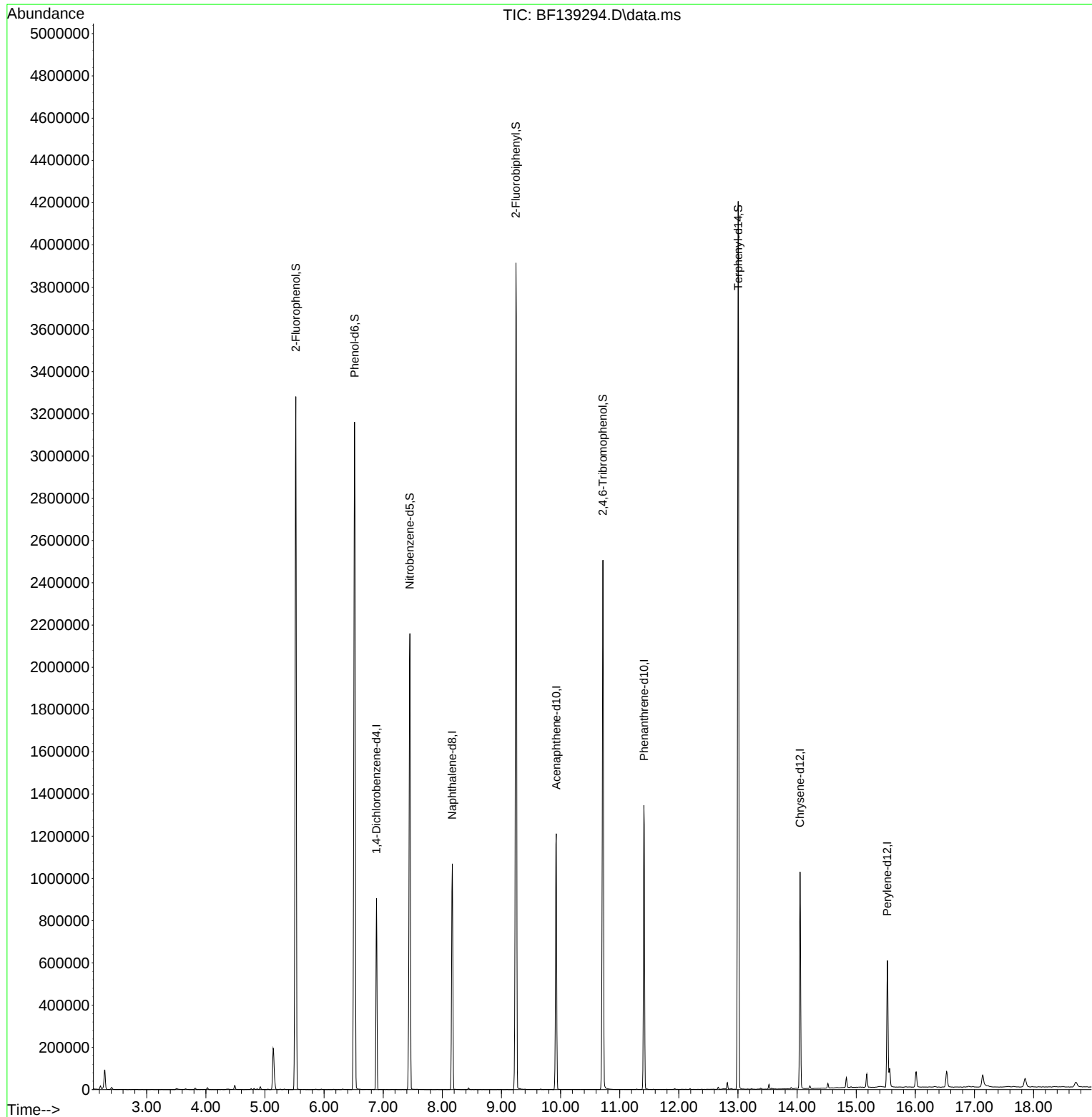
Target Compounds	Qvalue

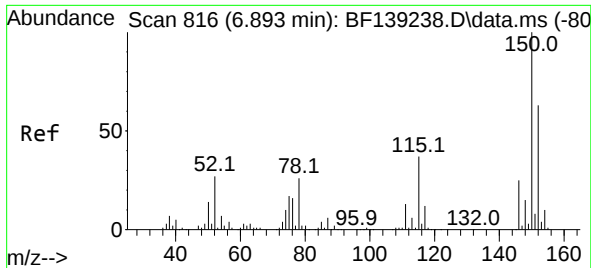
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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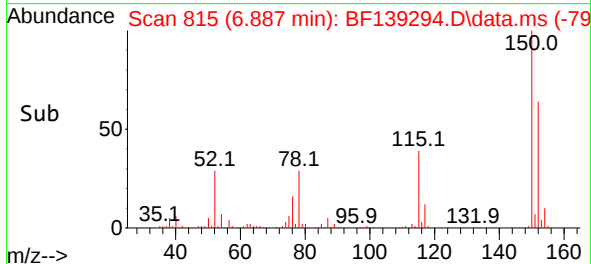
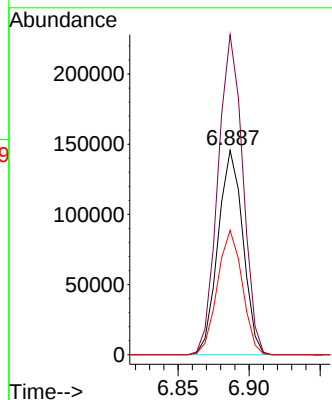
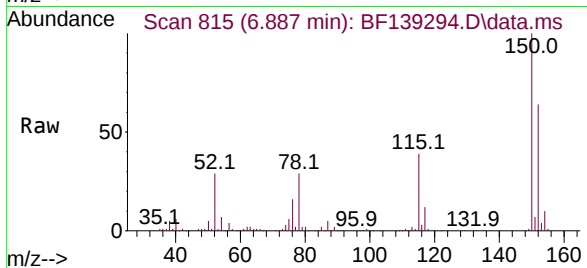




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF139294.D
Acq: 10 Sep 2024 12:20

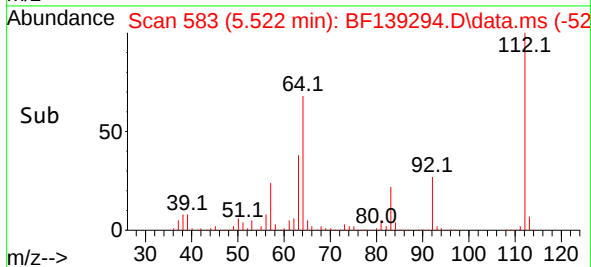
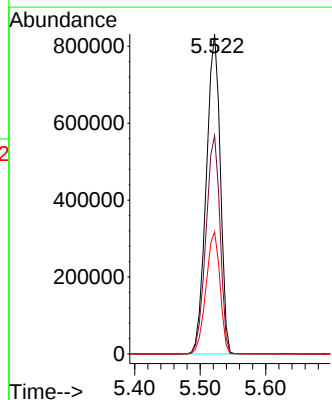
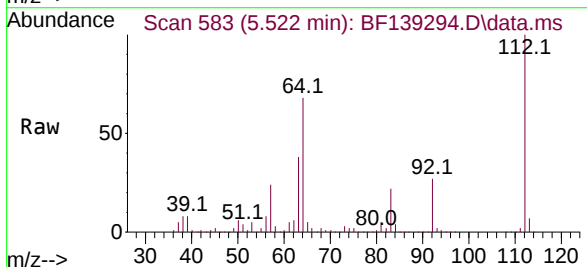
Instrument :
BNA_F
ClientSampleId :
PB163252BL

Tgt Ion:152 Resp: 177459
Ion Ratio Lower Upper
152 100
150 156.6 127.0 190.4
115 60.8 46.9 70.3



#5
2-Fluorophenol
Concen: 116.917 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.018 min
Lab File: BF139294.D
Acq: 10 Sep 2024 12:20

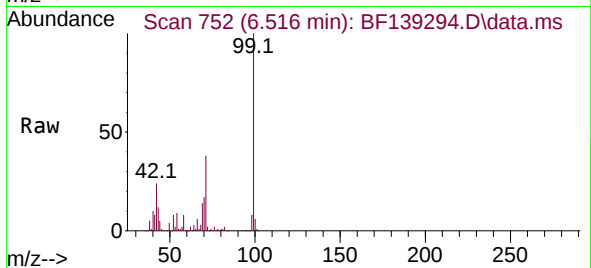
Tgt Ion:112 Resp: 1240260
Ion Ratio Lower Upper
112 100
64 68.2 55.0 82.4
63 38.1 29.9 44.9





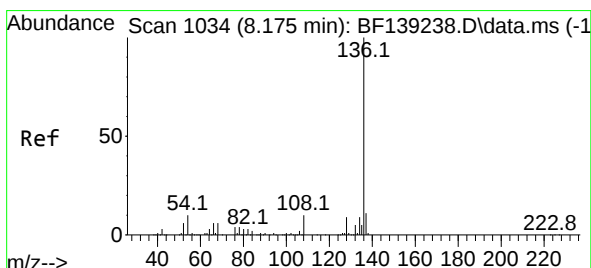
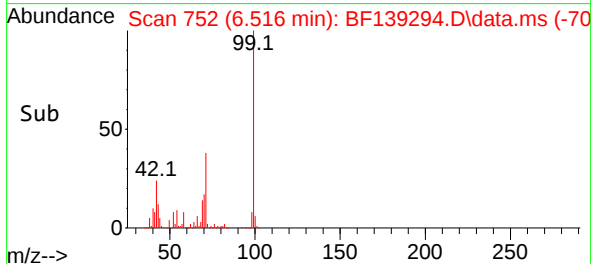
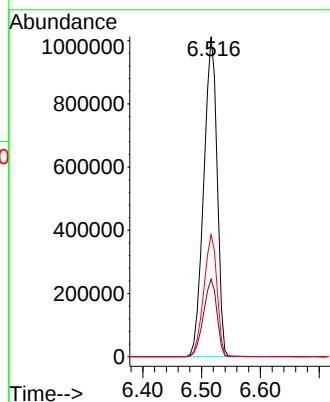
#7
Phenol-d6
Concen: 112.717 ng
RT: 6.516 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF139294.D
Acq: 10 Sep 2024 12:20

Instrument :
BNA_F
ClientSampleId :
PB163252BL



Tgt Ion: 99 Resp: 1596243

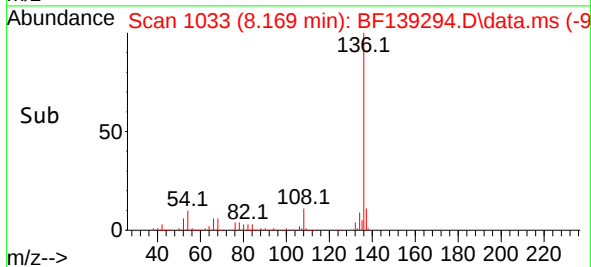
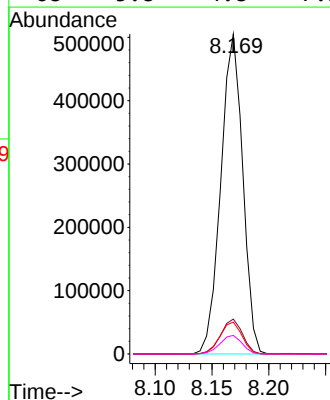
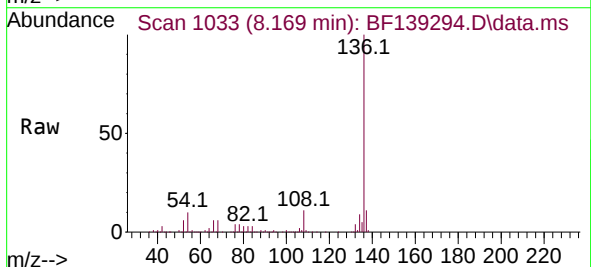
Ion	Ratio	Lower	Upper
99	100		
42	24.2	19.8	29.6
71	38.1	28.8	43.2

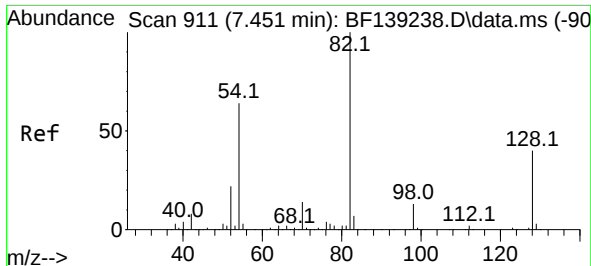


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139294.D
Acq: 10 Sep 2024 12:20

Tgt Ion: 136 Resp: 677906

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.9	8.4	12.6
68	5.8	4.8	7.2

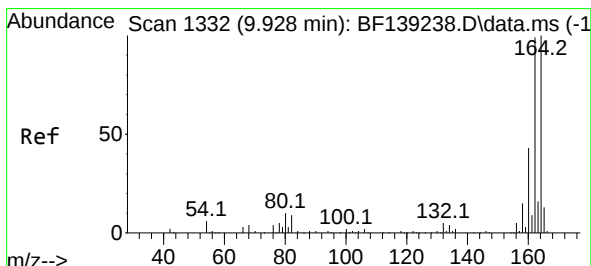
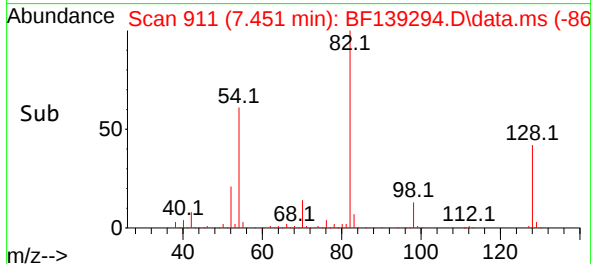
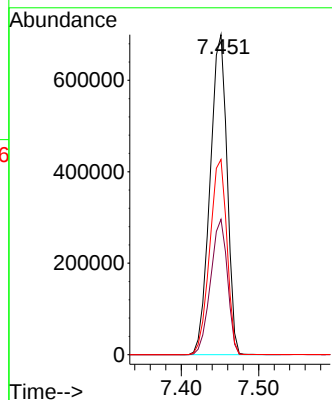
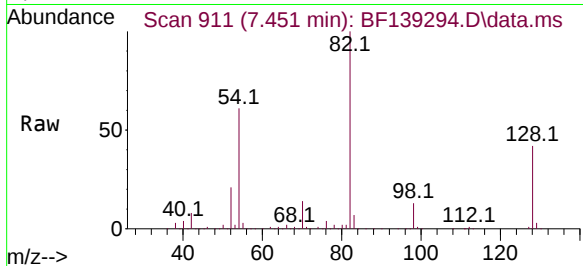




#23
Nitrobenzene-d5
Concen: 81.726 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF139294.D
Acq: 10 Sep 2024 12:20

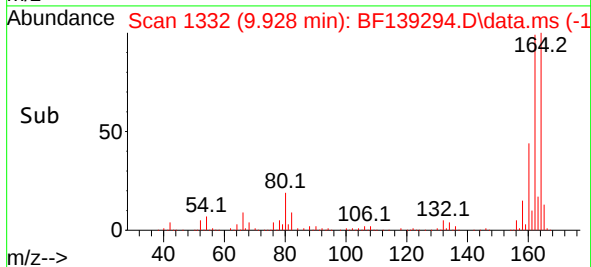
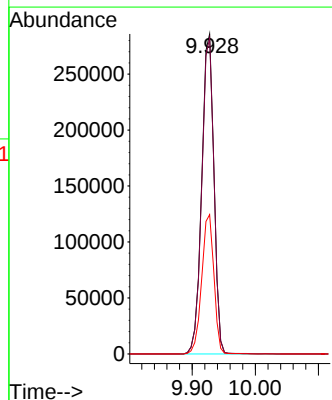
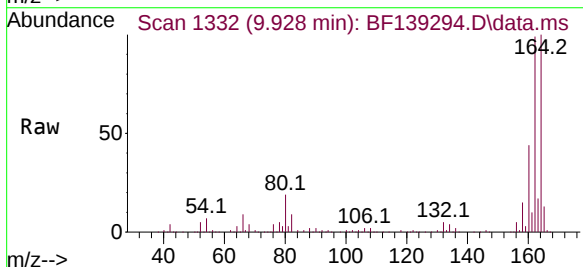
Instrument :
BNA_F
ClientSampleId :
PB163252BL

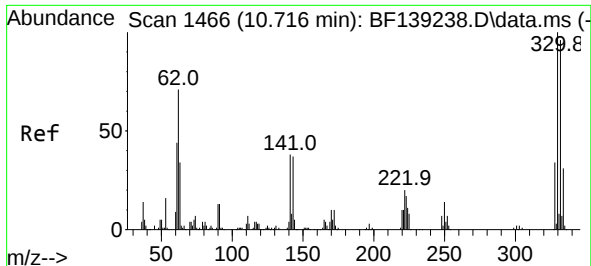
Tgt Ion: 82 Resp: 1064973
Ion Ratio Lower Upper
82 100
128 42.3 32.3 48.5
54 61.0 51.2 76.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF139294.D
Acq: 10 Sep 2024 12:20

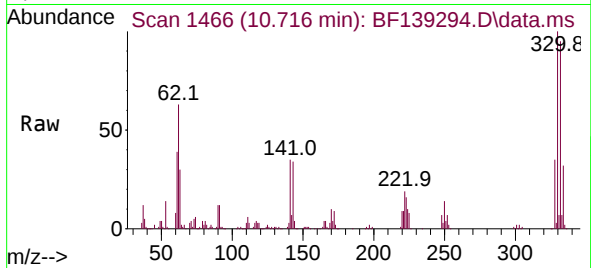
Tgt Ion:164 Resp: 383053
Ion Ratio Lower Upper
164 100
162 98.8 79.2 118.8
160 43.6 34.2 51.2



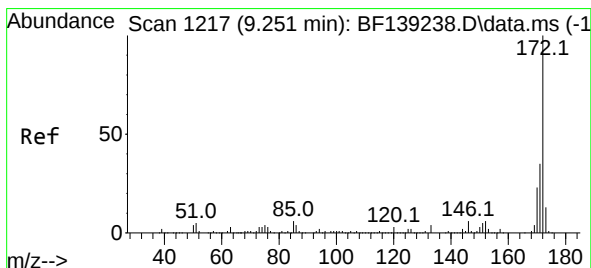
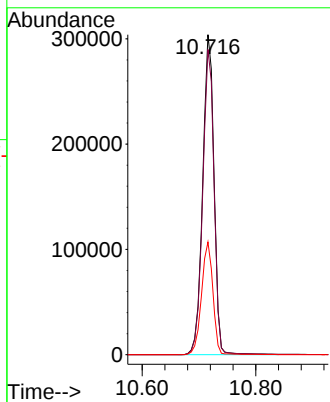
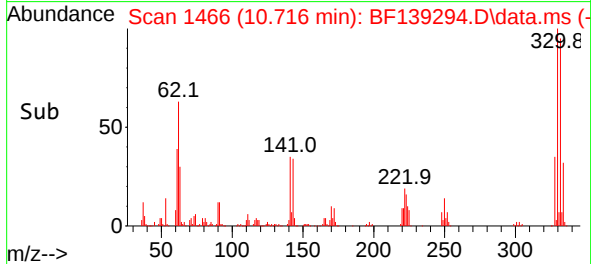


#42
2,4,6-Tribromophenol
Concen: 127.208 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BF139294.D
Acq: 10 Sep 2024 12:20

Instrument :
BNA_F
ClientSampleId :
PB163252BL

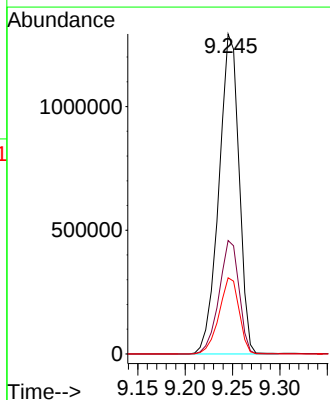
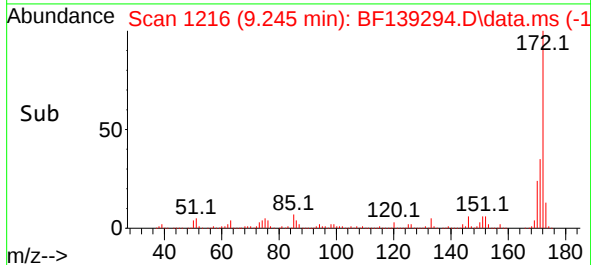
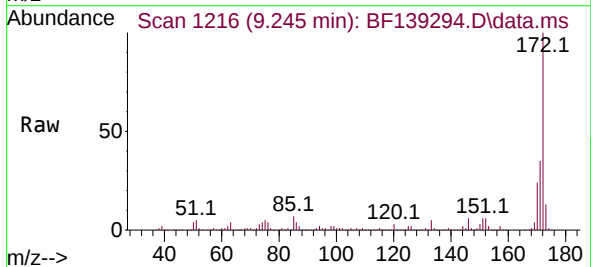


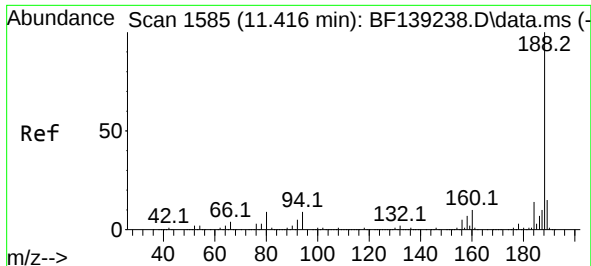
Tgt Ion:330 Resp: 420770
Ion Ratio Lower Upper
330 100
332 95.6 76.6 115.0
141 35.4 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 77.178 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139294.D
Acq: 10 Sep 2024 12:20

Tgt Ion:172 Resp: 1915160
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.8 18.7 28.1

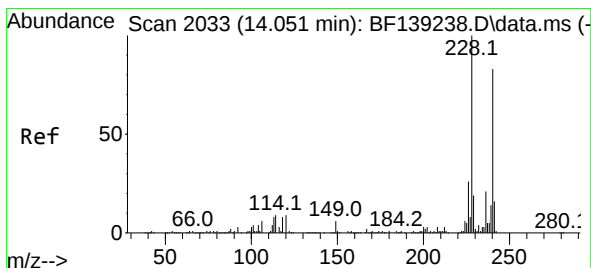
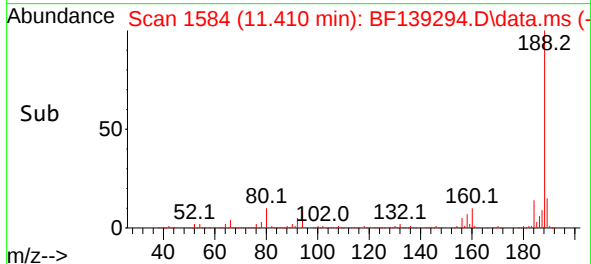
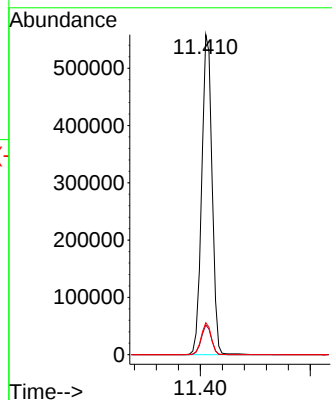
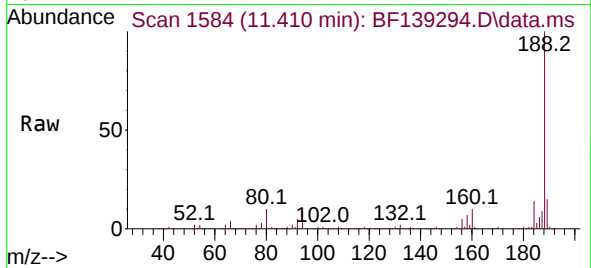




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139294.D
Acq: 10 Sep 2024 12:20

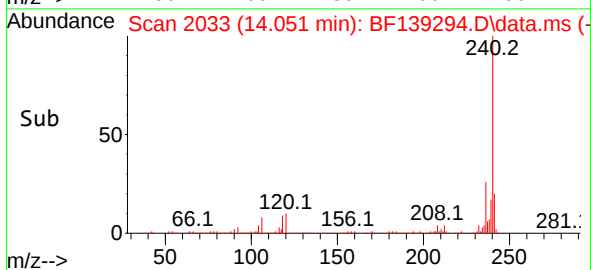
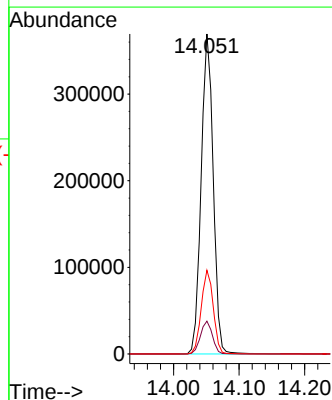
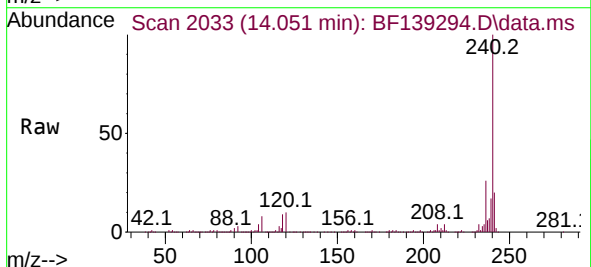
Instrument :
BNA_F
ClientSampleId :
PB163252BL

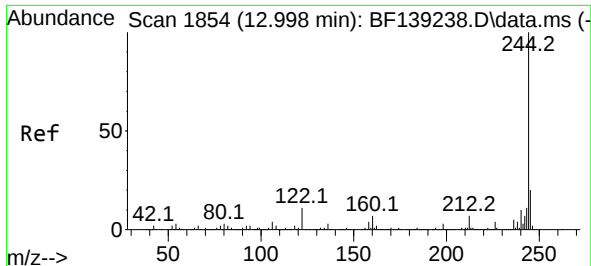
Tgt Ion:188 Resp: 729865
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.4
80 10.0 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF139294.D
Acq: 10 Sep 2024 12:20

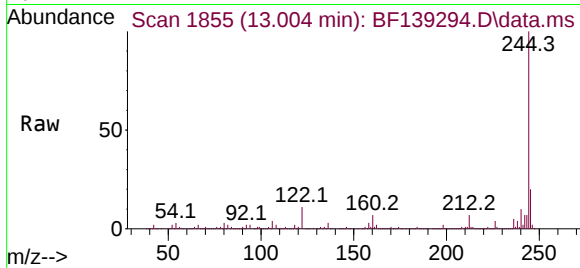
Tgt Ion:240 Resp: 473039
Ion Ratio Lower Upper
240 100
120 10.2 8.6 12.8
236 26.2 20.7 31.1



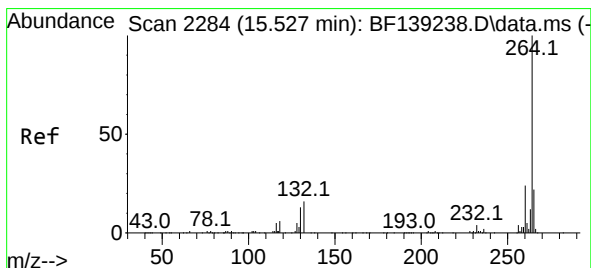
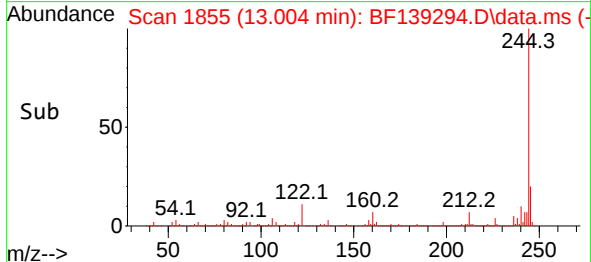
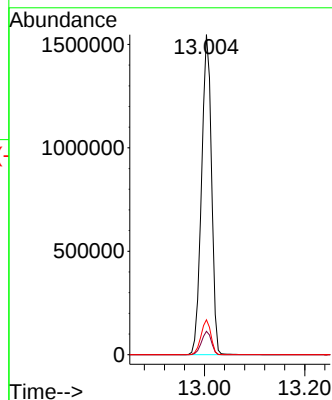


#79
 Terphenyl-d14
 Concen: 72.820 ng
 RT: 13.004 min Scan# 1855
 Delta R.T. 0.006 min
 Lab File: BF139294.D
 Acq: 10 Sep 2024 12:20

Instrument :
 BNA_F
 ClientSampleId :
 PB163252BL



Tgt Ion:244 Resp: 2133481
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 10.9 8.7 13.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2284
 Delta R.T. -0.000 min
 Lab File: BF139294.D
 Acq: 10 Sep 2024 12:20

Tgt Ion:264 Resp: 355320
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.8 28.2
 265 21.3 17.3 25.9

