

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
 Data File : BF139417.D
 Acq On : 18 Sep 2024 10:15
 Operator : RC/JU
 Sample : PB163403BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163403BL

Quant Time: Sep 18 11:17:06 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	6.875	152	78626	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	300029	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	177056	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	339019	20.000	ng	0.00
76) Chrysene-d12	14.033	240	222360	20.000	ng	0.00
86) Perylene-d12	15.498	264	164675	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	524929	108.913	ng	0.02
7) Phenol-d6	6.504	99	679200	107.363	ng	0.00
23) Nitrobenzene-d5	7.440	82	470085	73.657	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	196790	104.399	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	893512	70.778	ng	0.00
79) Terphenyl-d14	12.980	244	1050212	77.523	ng	0.00

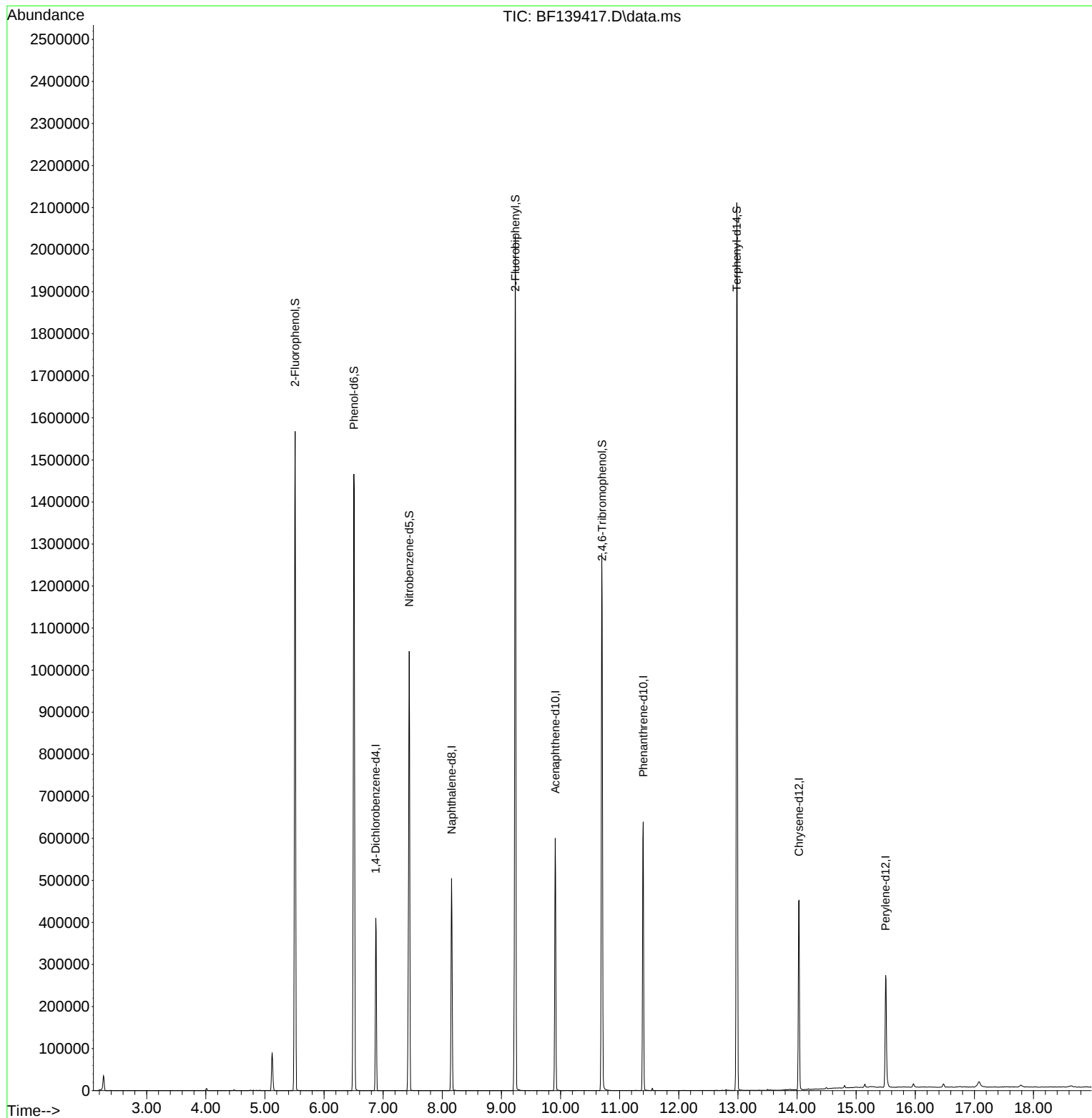
Target Compounds	Qvalue

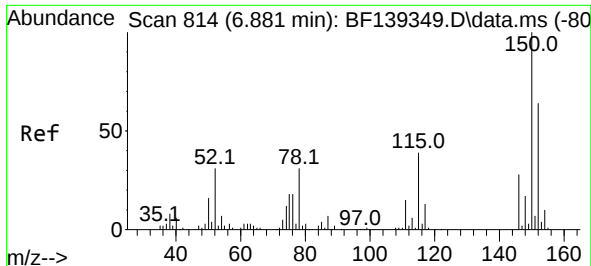
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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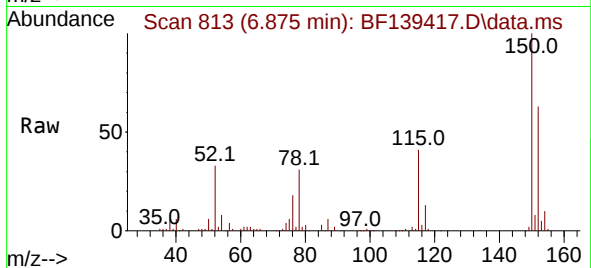
Quant Time: Sep 18 11:17:06 2024
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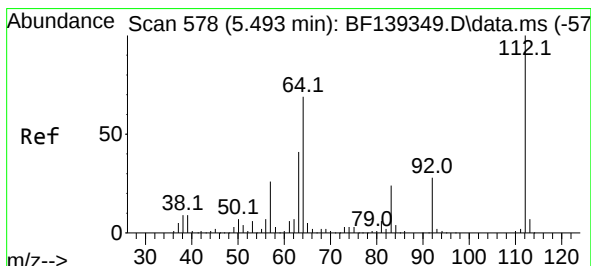
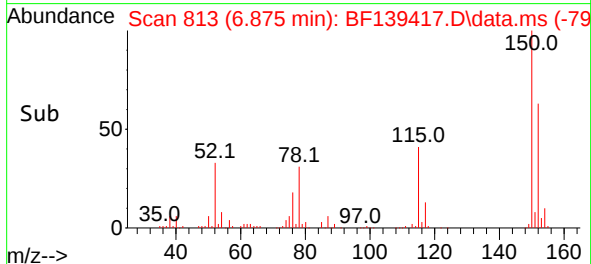
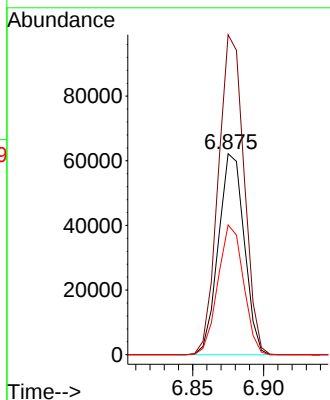


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139417.D
Acq: 18 Sep 2024 10:15

Instrument :
BNA_F
ClientSampleId :
PB163403BL

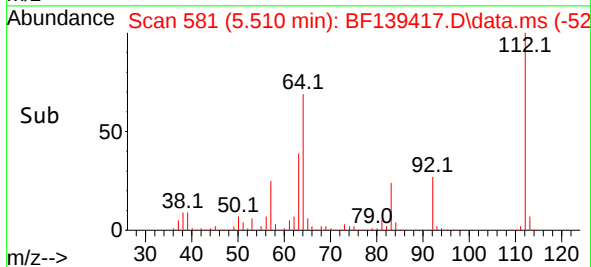
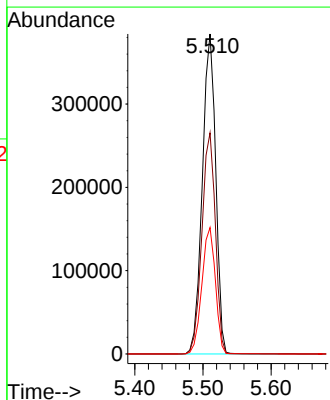
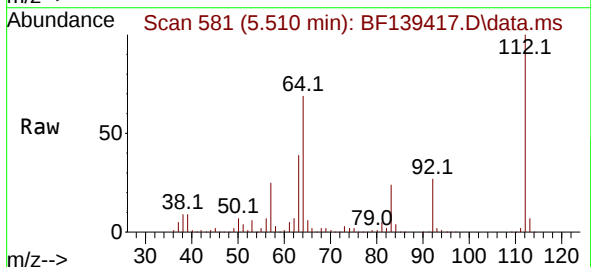


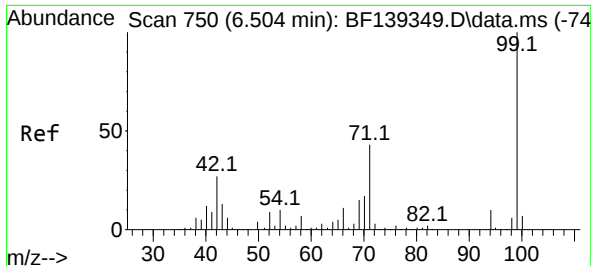
Tgt Ion:152 Resp: 78626
Ion Ratio Lower Upper
152 100
150 159.2 124.1 186.1
115 64.6 48.1 72.1



#5
2-Fluorophenol
Concen: 108.913 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.017 min
Lab File: BF139417.D
Acq: 18 Sep 2024 10:15

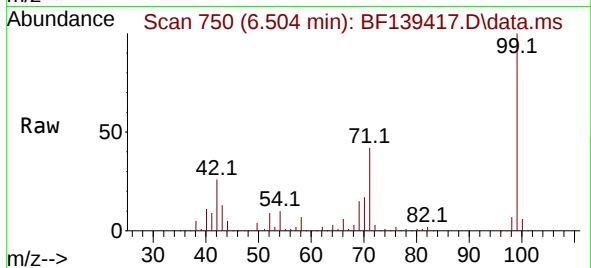
Tgt Ion:112 Resp: 524929
Ion Ratio Lower Upper
112 100
64 69.1 54.8 82.2
63 39.5 33.0 49.4



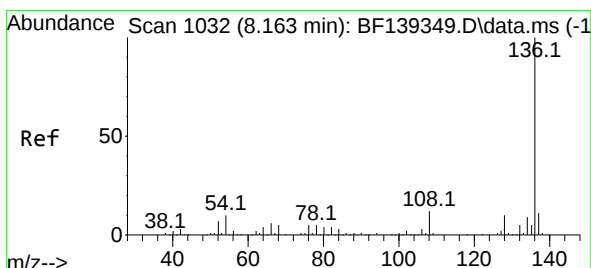
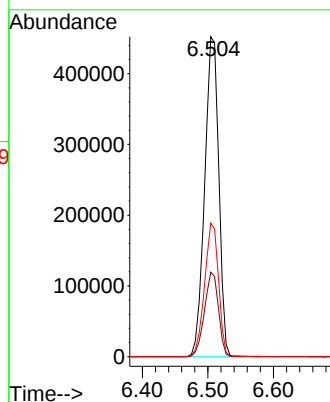
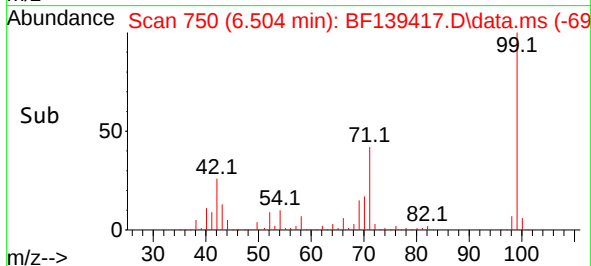


#7
Phenol-d6
Concen: 107.363 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139417.D
Acq: 18 Sep 2024 10:15

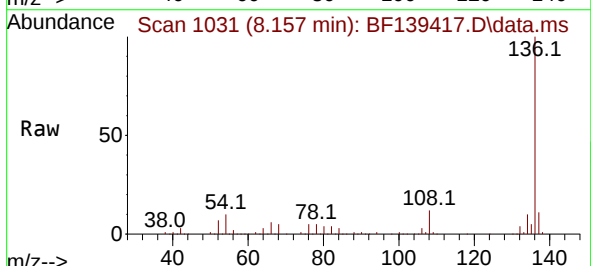
Instrument :
BNA_F
ClientSampleId :
PB163403BL



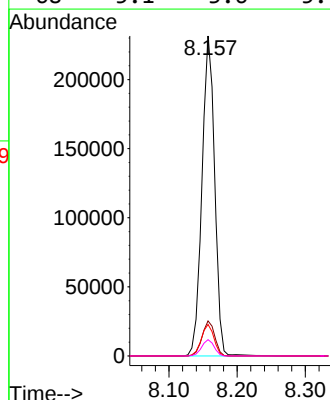
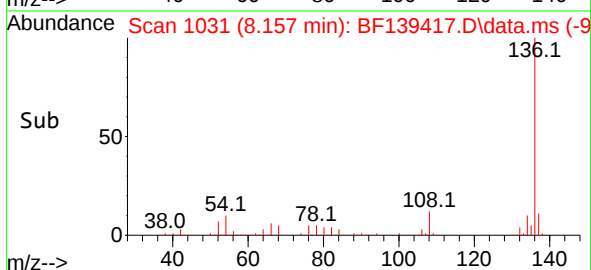
Tgt Ion: 99 Resp: 679200
Ion Ratio Lower Upper
99 100
42 26.4 21.9 32.9
71 41.7 34.6 52.0

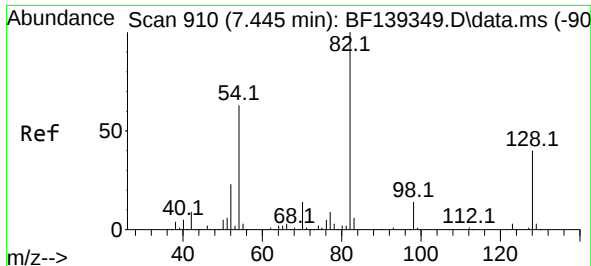


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139417.D
Acq: 18 Sep 2024 10:15



Tgt Ion: 136 Resp: 300029
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 9.9 7.8 11.8
68 5.1 3.6 5.4

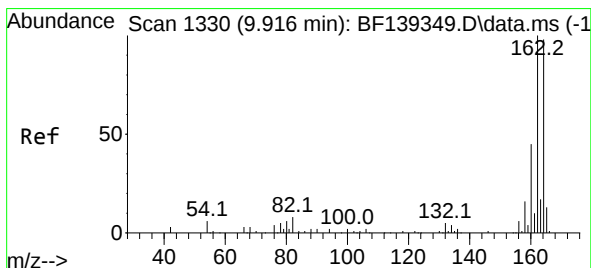
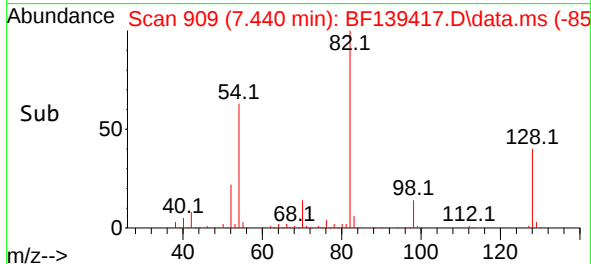
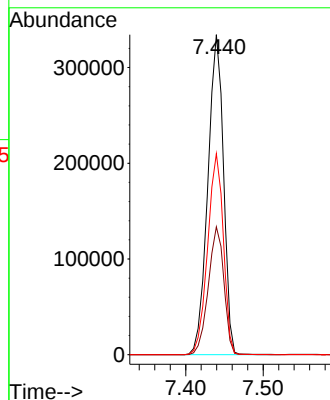
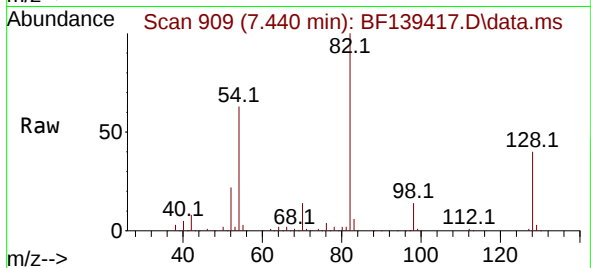




#23
Nitrobenzene-d5
Concen: 73.657 ng
RT: 7.440 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139417.D
Acq: 18 Sep 2024 10:15

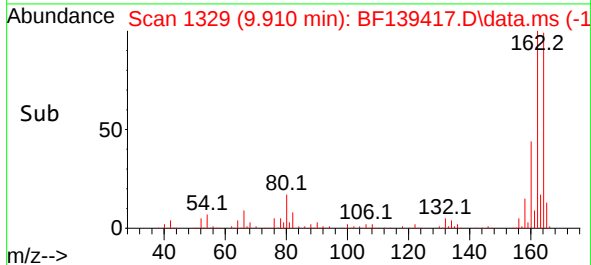
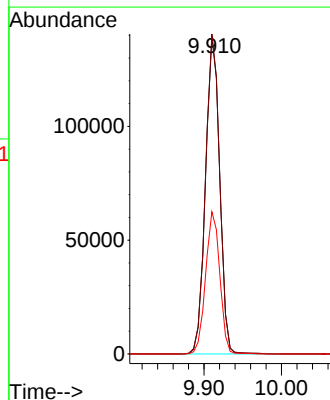
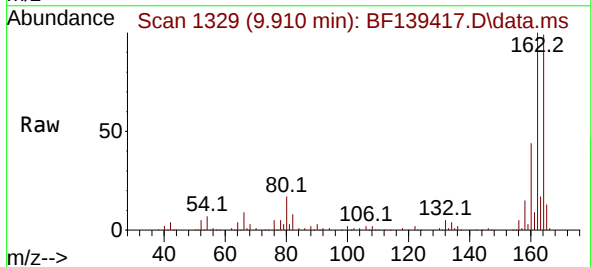
Instrument :
BNA_F
ClientSampleId :
PB163403BL

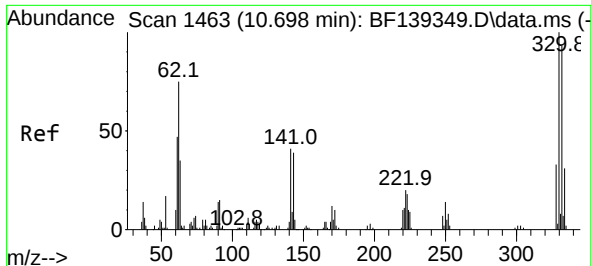
Tgt Ion: 82 Resp: 470085
Ion Ratio Lower Upper
82 100
128 40.0 31.8 47.6
54 62.8 50.6 75.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139417.D
Acq: 18 Sep 2024 10:15

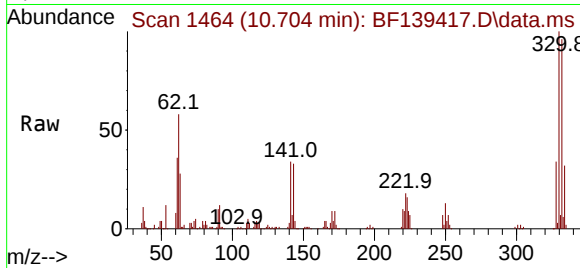
Tgt Ion:164 Resp: 177056
Ion Ratio Lower Upper
164 100
162 100.8 81.3 121.9
160 44.8 36.4 54.6



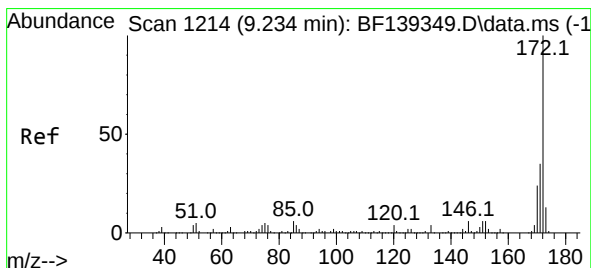
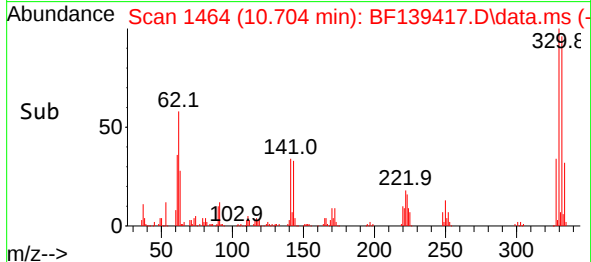
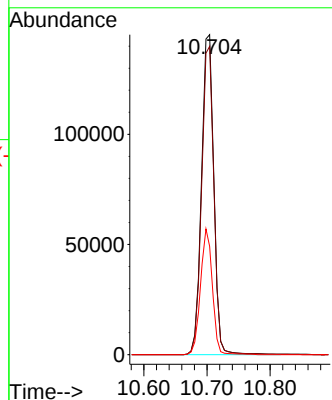


#42
2,4,6-Tribromophenol
Concen: 104.399 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139417.D
Acq: 18 Sep 2024 10:15

Instrument :
BNA_F
ClientSampleId :
PB163403BL

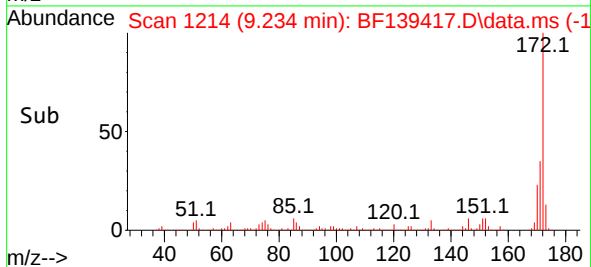
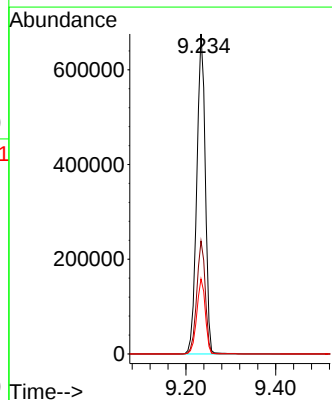
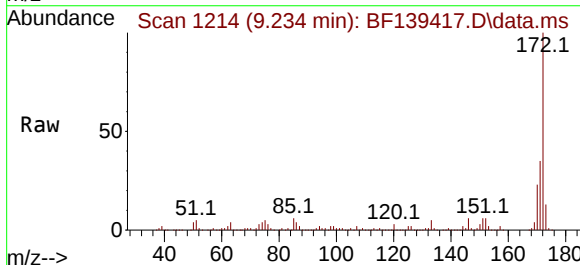


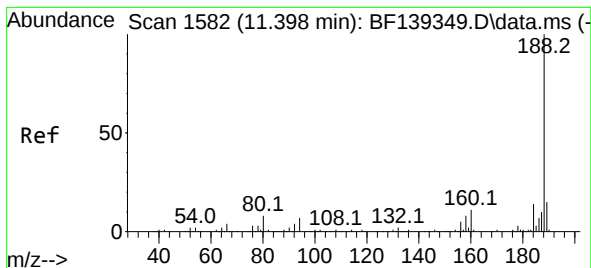
Tgt Ion:330 Resp: 196790
Ion Ratio Lower Upper
330 100
332 96.0 75.2 112.8
141 37.8 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 70.778 ng
RT: 9.234 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139417.D
Acq: 18 Sep 2024 10:15

Tgt Ion:172 Resp: 893512
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.5 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139417.D

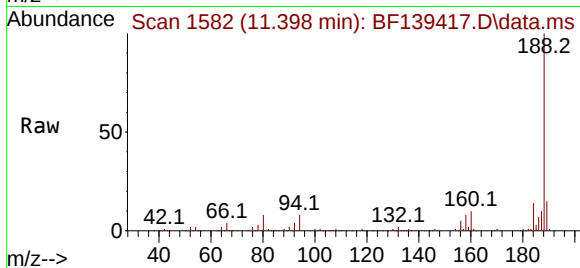
Acq: 18 Sep 2024 10:15

Instrument :

BNA_F

ClientSampleId :

PB163403BL



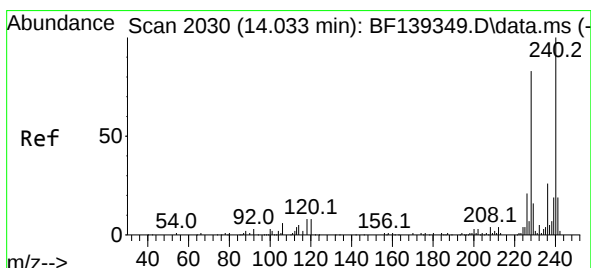
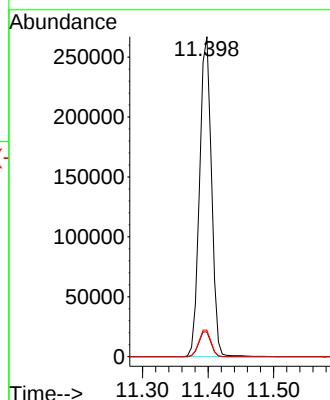
Tgt Ion:188 Resp: 339019

Ion Ratio Lower Upper

188 100

94 7.7 5.5 8.3

80 8.3 6.6 9.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139417.D

Acq: 18 Sep 2024 10:15

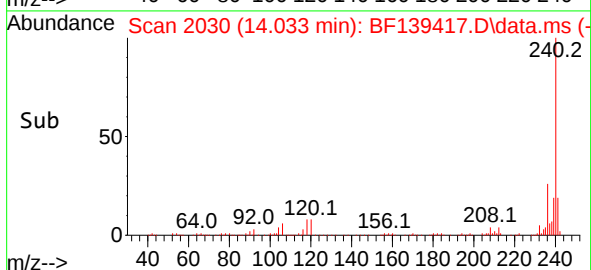
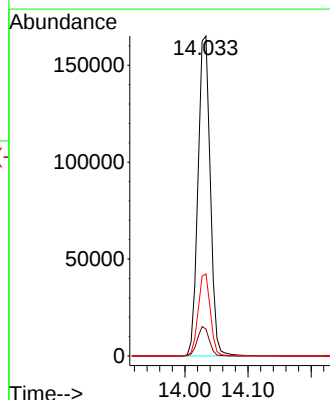
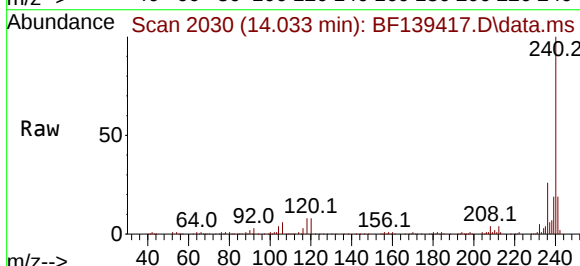
Tgt Ion:240 Resp: 222360

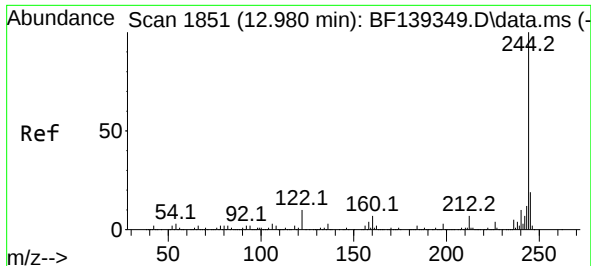
Ion Ratio Lower Upper

240 100

120 8.4 6.2 9.2

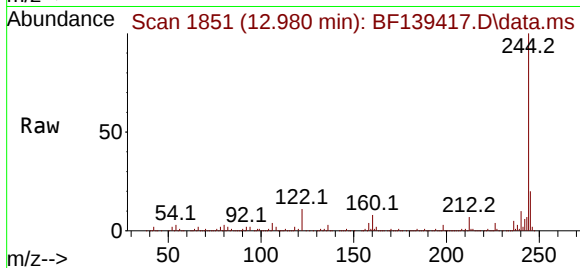
236 25.6 20.9 31.3



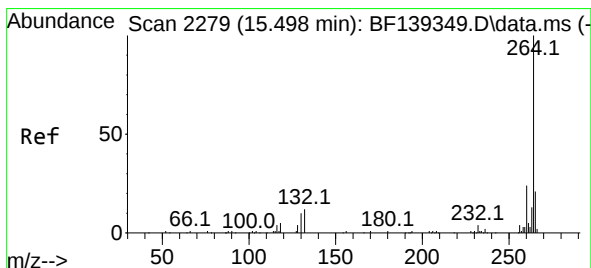
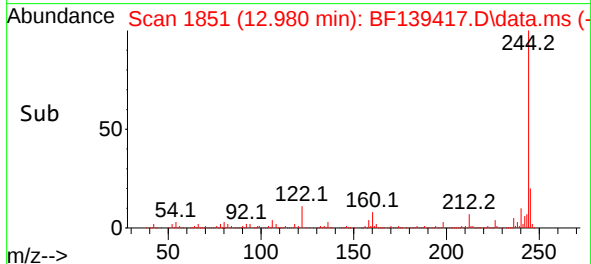
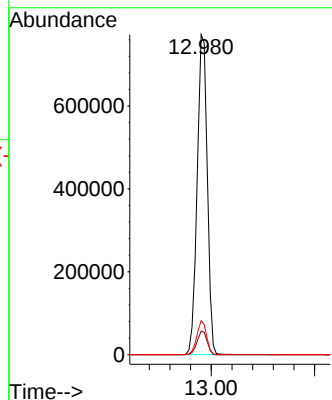


#79
Terphenyl-d14
Concen: 77.523 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF139417.D
Acq: 18 Sep 2024 10:15

Instrument :
BNA_F
ClientSampleId :
PB163403BL



Tgt Ion:244 Resp: 1050212
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 10.6 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BF139417.D
Acq: 18 Sep 2024 10:15

Tgt Ion:264 Resp: 164675
Ion Ratio Lower Upper
264 100
260 23.2 19.5 29.3
265 21.1 16.6 25.0

