

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
Data File : BF139400.D
Acq On : 17 Sep 2024 14:17
Operator : RC/JU
Sample : P3985-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7

Quant Time: Sep 17 15:00:50 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	67297	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	245002	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	133986	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	217178	20.000	ng	0.00
76) Chrysene-d12	14.027	240	116659	20.000	ng	0.00
86) Perylene-d12	15.498	264	102357	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	336790	81.641	ng	0.00
7) Phenol-d6	6.504	99	469718	86.749	ng	0.00
23) Nitrobenzene-d5	7.440	82	300443	57.650	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	113092	79.283	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	575574	60.249	ng	0.00
79) Terphenyl-d14	12.980	244	398629	56.087	ng	0.00

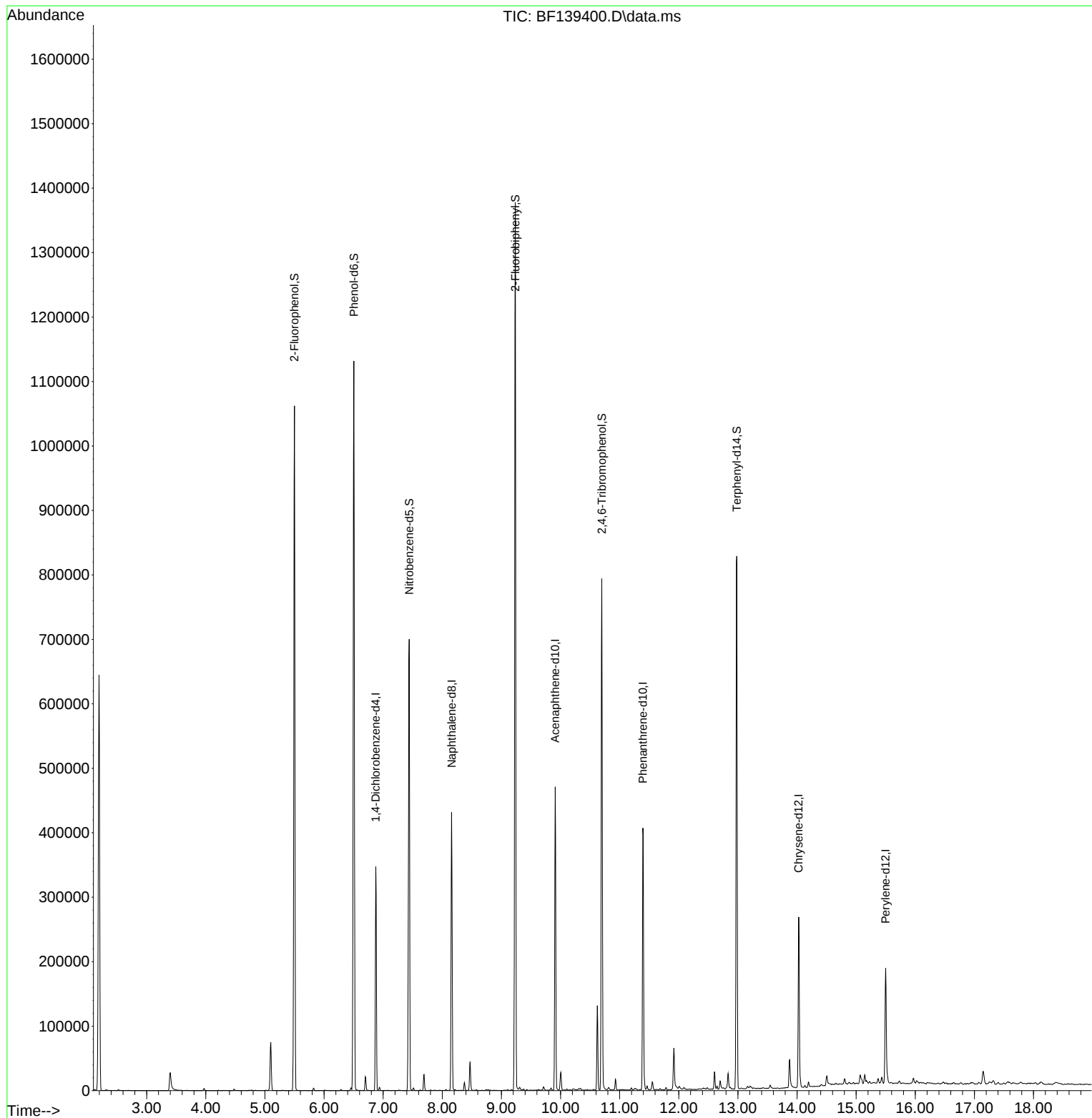
Target Compounds	Qvalue

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

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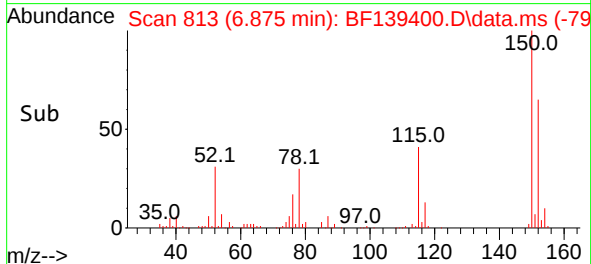
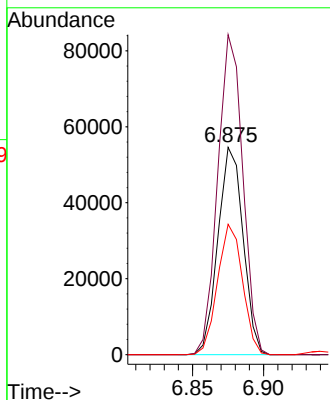
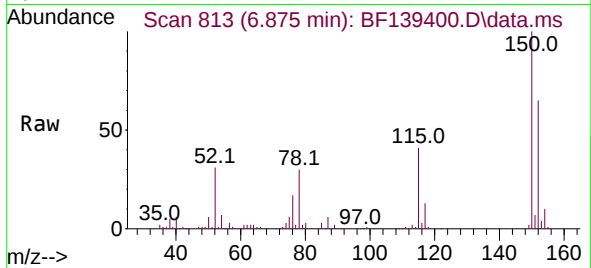




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139400.D
Acq: 17 Sep 2024 14:17

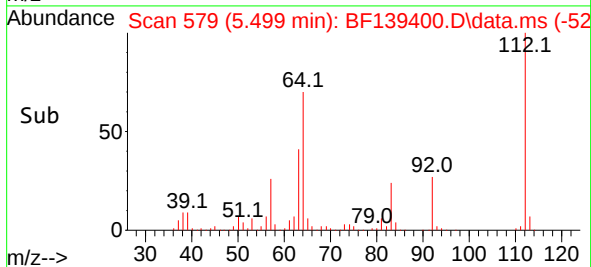
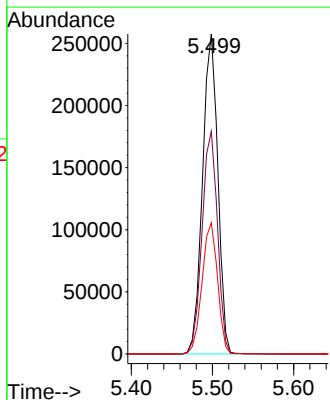
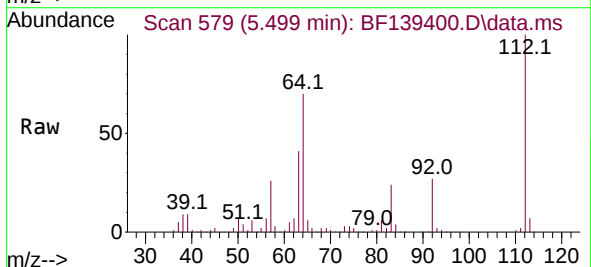
Instrument :
BNA_F
ClientSampleId :
TP-7

Tgt Ion:152 Resp: 67297
Ion Ratio Lower Upper
152 100
150 154.3 124.1 186.1
115 62.8 48.1 72.1



#5
2-Fluorophenol
Concen: 81.641 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF139400.D
Acq: 17 Sep 2024 14:17

Tgt Ion:112 Resp: 336790
Ion Ratio Lower Upper
112 100
64 69.6 54.8 82.2
63 41.0 33.0 49.4

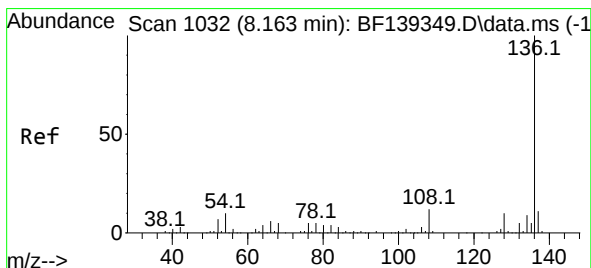
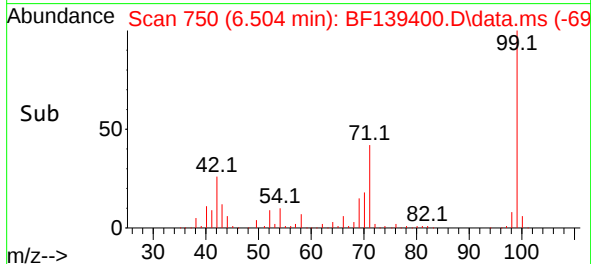
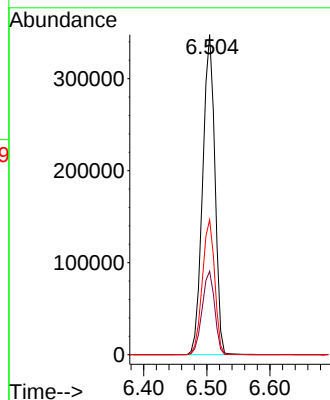
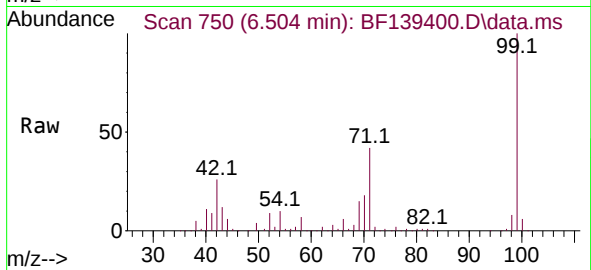




#7
Phenol-d6
Concen: 86.749 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139400.D
Acq: 17 Sep 2024 14:17

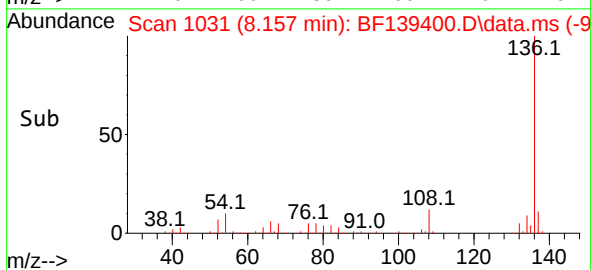
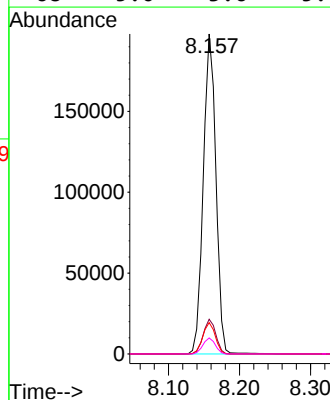
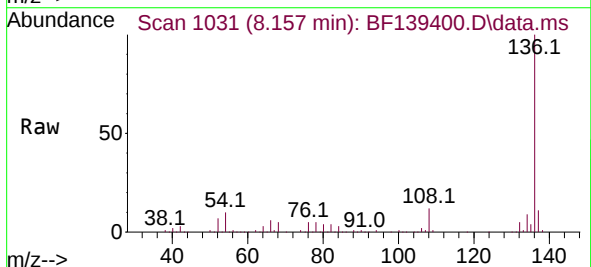
Instrument :
BNA_F
ClientSampleId :
TP-7

Tgt Ion: 99 Resp: 469718
Ion Ratio Lower Upper
99 100
42 26.1 21.9 32.9
71 42.2 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: BF139400.D
Acq: 17 Sep 2024 14:17

Tgt Ion: 136 Resp: 245002
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.8 7.8 11.8
68 5.0 3.6 5.4





#23

Nitrobenzene-d5

Concen: 57.650 ng

RT: 7.440 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF139400.D

Acq: 17 Sep 2024 14:17

Instrument :

BNA_F

ClientSampleId :

TP-7

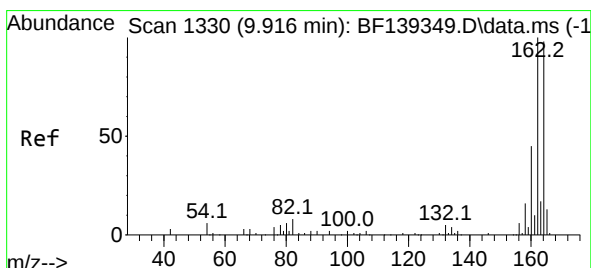
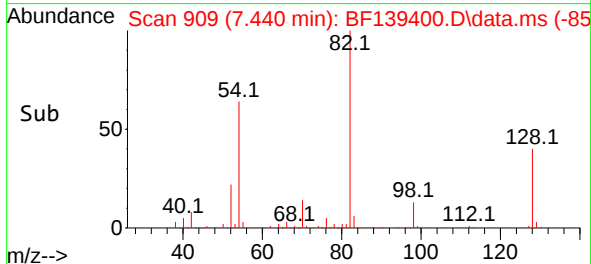
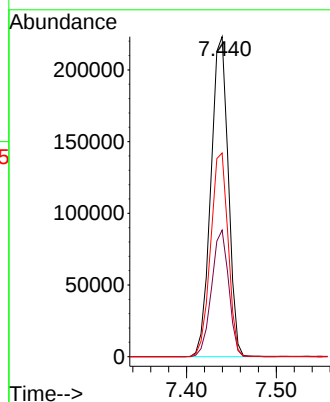
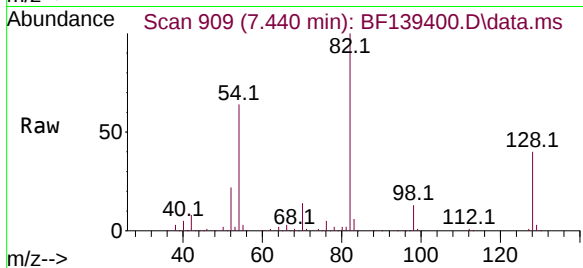
Tgt Ion: 82 Resp: 300443

Ion Ratio Lower Upper

82 100

128 39.5 31.8 47.6

54 63.6 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: BF139400.D

Acq: 17 Sep 2024 14:17

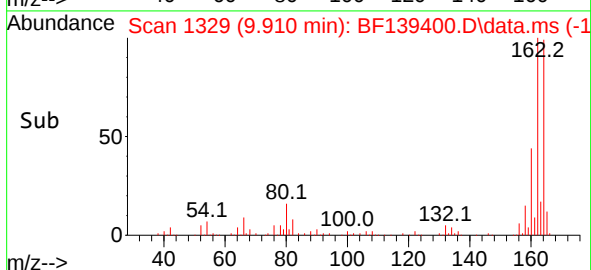
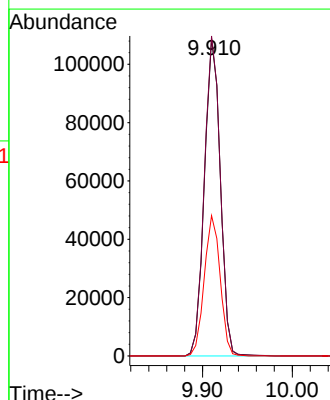
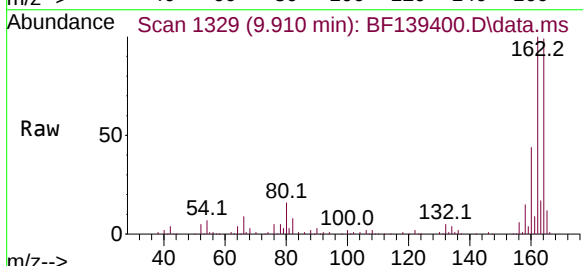
Tgt Ion:164 Resp: 133986

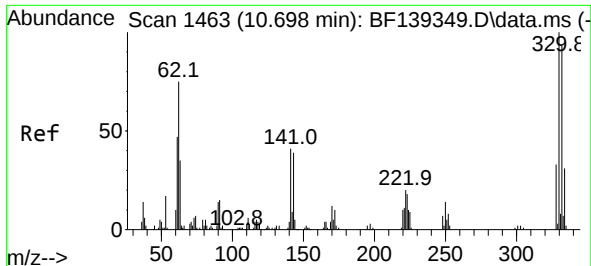
Ion Ratio Lower Upper

164 100

162 100.8 81.3 121.9

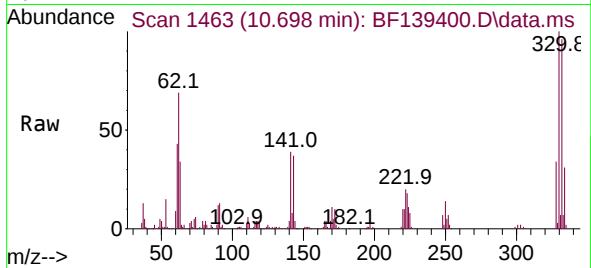
160 44.2 36.4 54.6



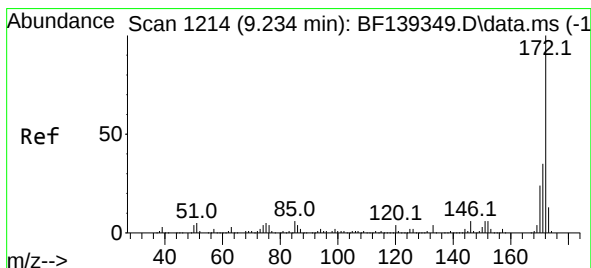
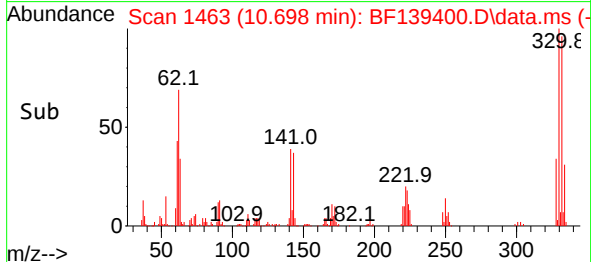
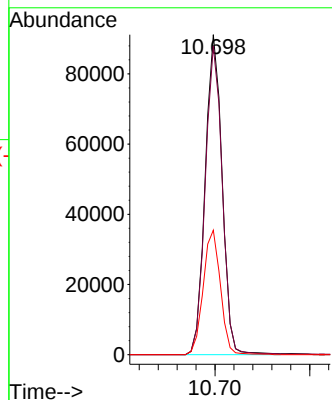


#42
2,4,6-Tribromophenol
Concen: 79.283 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139400.D
Acq: 17 Sep 2024 14:17

Instrument :
BNA_F
ClientSampleId :
TP-7

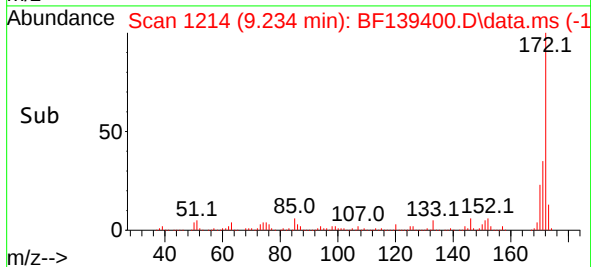
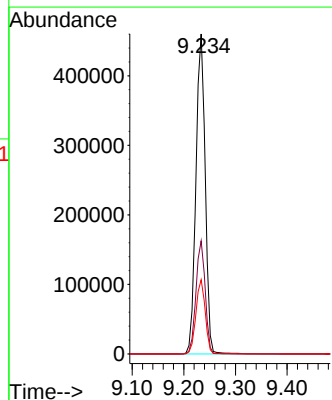
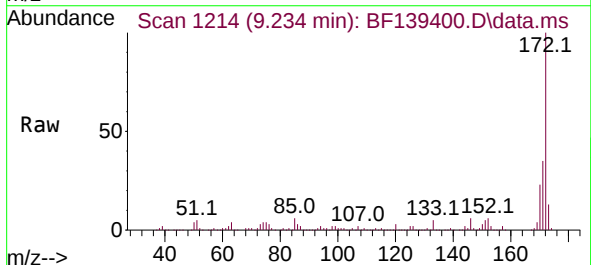


Tgt Ion:330 Resp: 113092
Ion Ratio Lower Upper
330 100
332 97.2 75.2 112.8
141 39.6 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 60.249 ng
RT: 9.234 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF139400.D
Acq: 17 Sep 2024 14:17

Tgt Ion:172 Resp: 575574
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.2 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139400.D

Acq: 17 Sep 2024 14:17

Instrument :

BNA_F

ClientSampleId :

TP-7

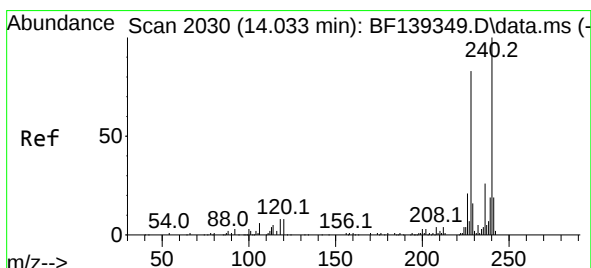
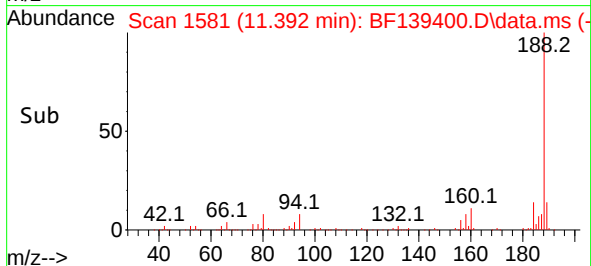
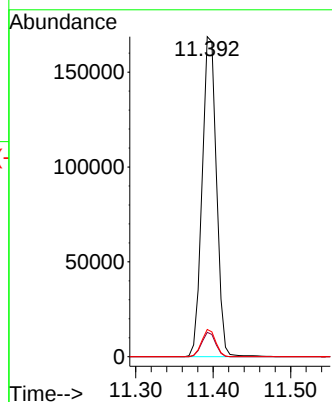
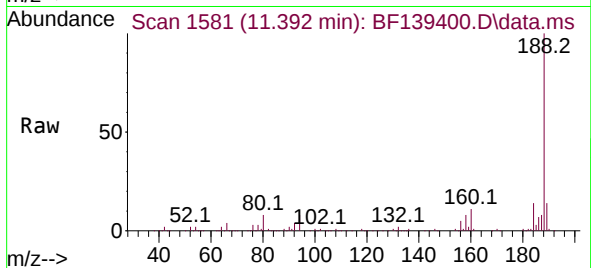
Tgt Ion:188 Resp: 217178

Ion Ratio Lower Upper

188 100

94 7.6 5.5 8.3

80 8.5 6.6 9.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF139400.D

Acq: 17 Sep 2024 14:17

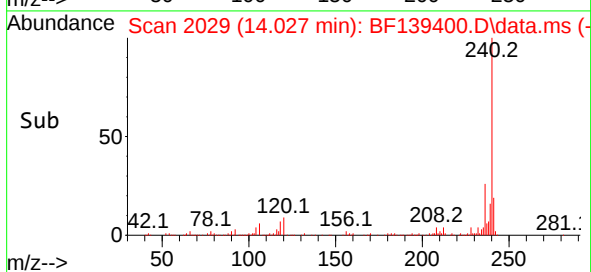
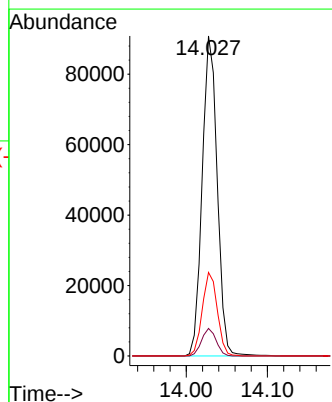
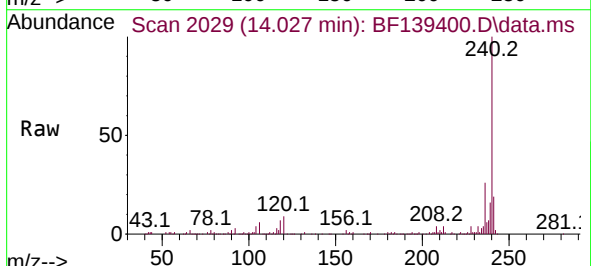
Tgt Ion:240 Resp: 116659

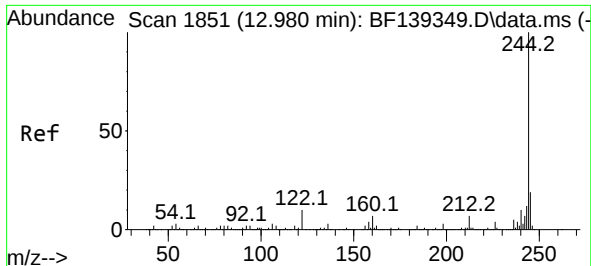
Ion Ratio Lower Upper

240 100

120 8.6 6.2 9.2

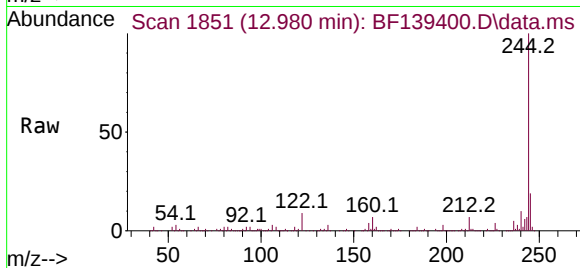
236 26.1 20.9 31.3



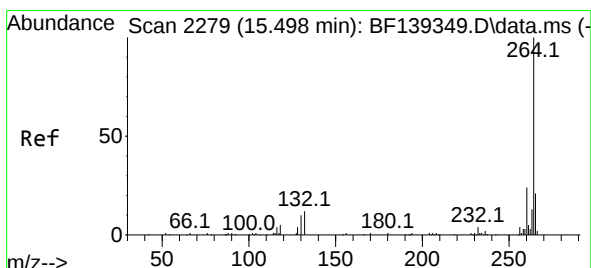
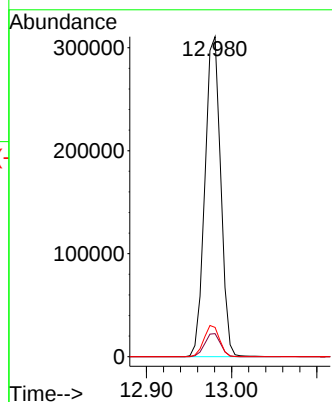
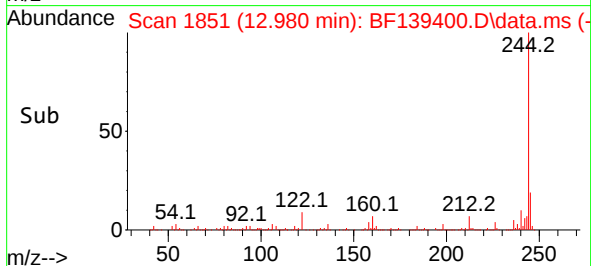


#79
Terphenyl-d14
Concen: 56.087 ng
RT: 12.980 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BF139400.D
Acq: 17 Sep 2024 14:17

Instrument :
BNA_F
ClientSampleId :
TP-7



Tgt Ion:244 Resp: 398629
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 9.1 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: BF139400.D
Acq: 17 Sep 2024 14:17

Tgt Ion:264 Resp: 102357
Ion Ratio Lower Upper
264 100
260 23.6 19.5 29.3
265 21.3 16.6 25.0

