

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100724\
Data File : BF139681.D
Acq On : 07 Oct 2024 12:40
Operator : RC/JU
Sample : PB163898BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB163898BL

Quant Time: Oct 07 13:13:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	83719	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	322477	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	187389	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	382857	20.000	ng	0.00
76) Chrysene-d12	14.027	240	293535	20.000	ng	0.00
86) Perylene-d12	15.498	264	241949	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	731398	151.422	ng	0.01
7) Phenol-d6	6.504	99	959363	147.695	ng	0.00
23) Nitrobenzene-d5	7.428	82	623849	97.947	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	262056	144.867	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1151383	94.327	ng	0.00
79) Terphenyl-d14	12.980	244	1544649	86.344	ng	0.00

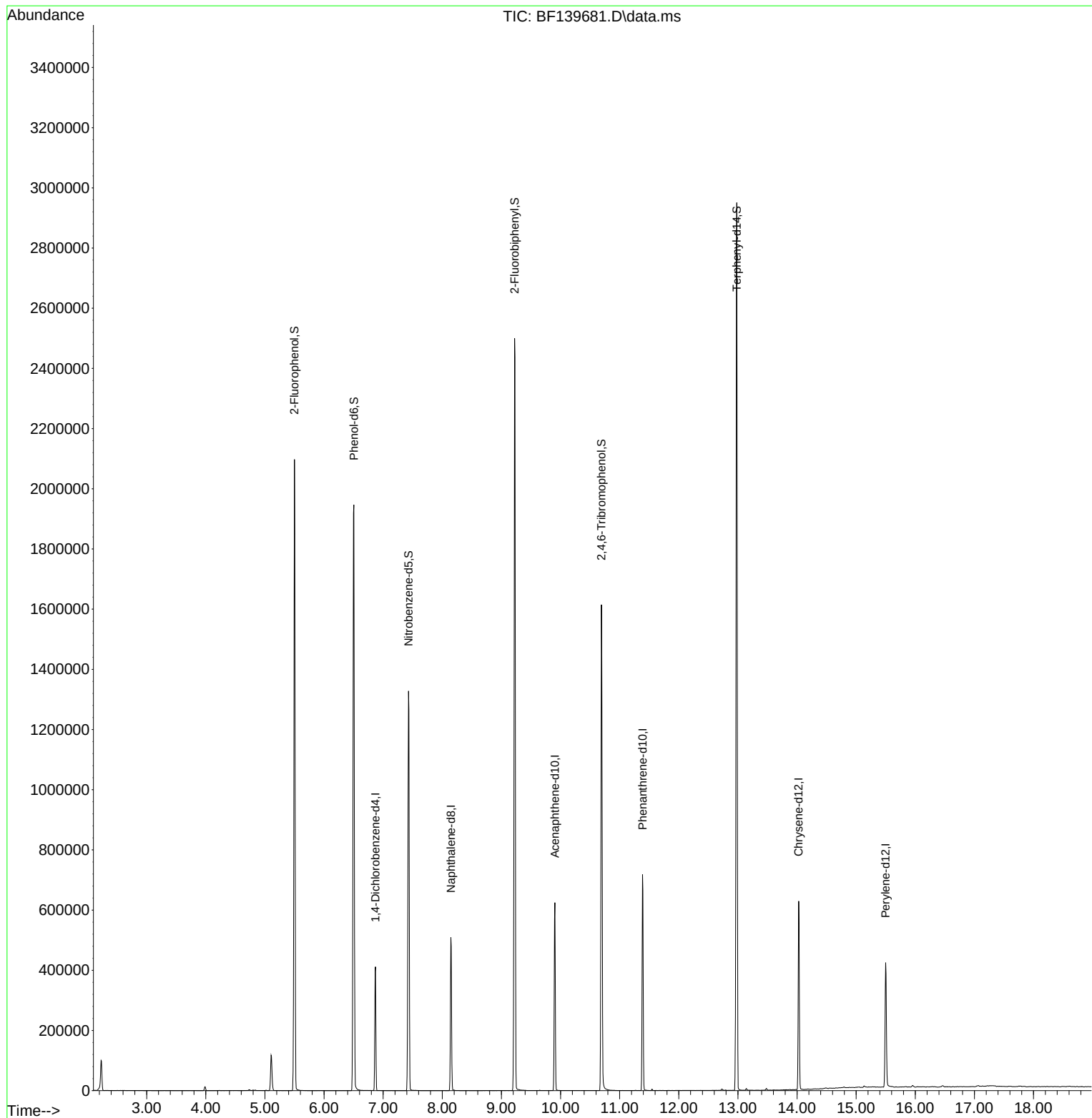
Target Compounds	Qvalue

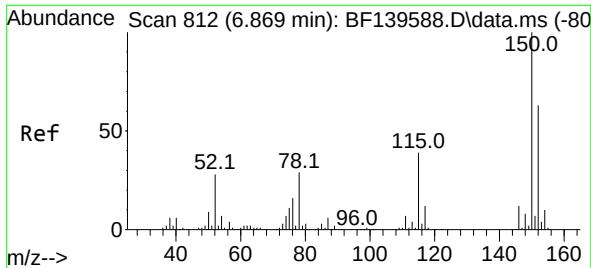
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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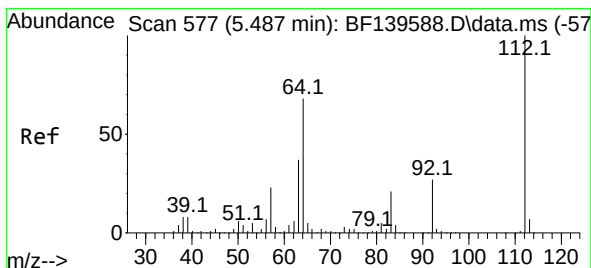
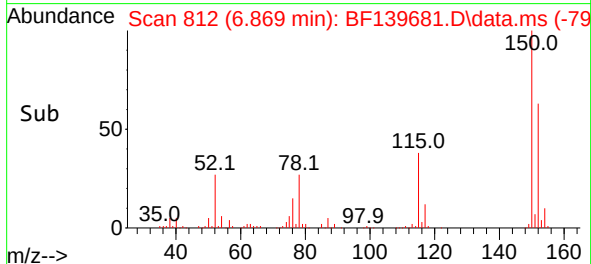
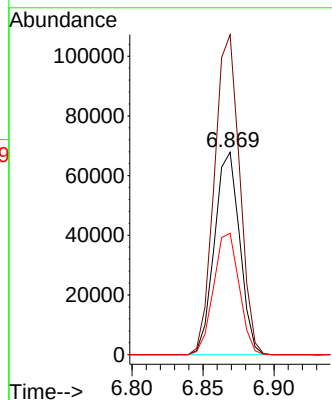
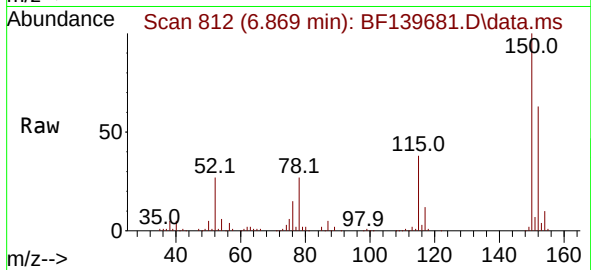




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 812
Delta R.T. 0.000 min
Lab File: BF139681.D
Acq: 07 Oct 2024 12:40

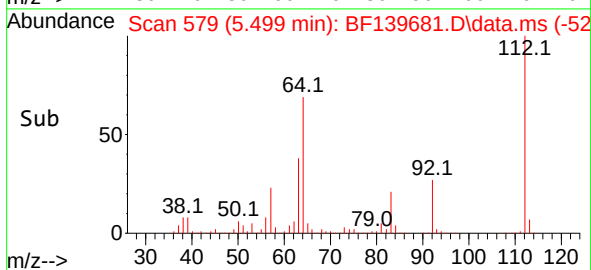
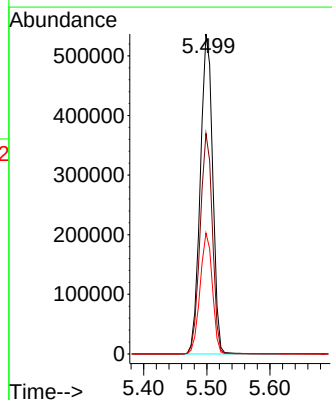
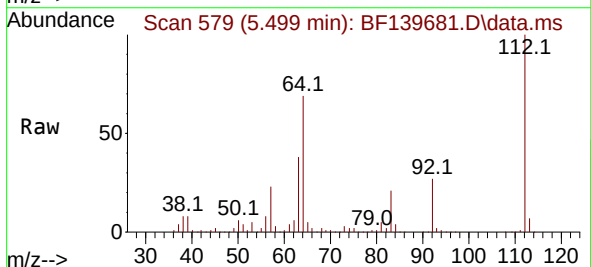
Instrument :
BNA_F
ClientSampleId :
PB163898BL

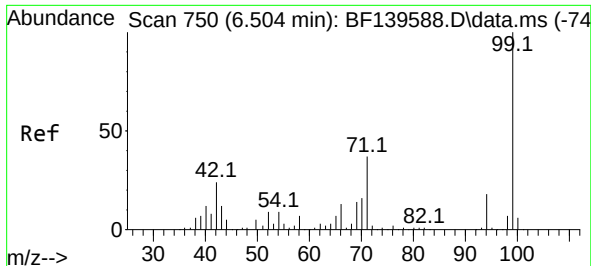
Tgt Ion:152 Resp: 83719
Ion Ratio Lower Upper
152 100
150 158.0 127.2 190.8
115 59.9 49.0 73.4



#5
2-Fluorophenol
Concen: 151.422 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF139681.D
Acq: 07 Oct 2024 12:40

Tgt Ion:112 Resp: 731398
Ion Ratio Lower Upper
112 100
64 68.9 54.2 81.4
63 37.8 29.4 44.2

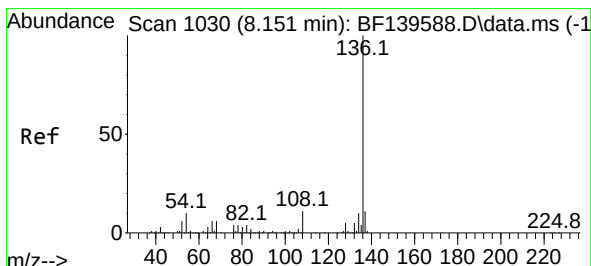
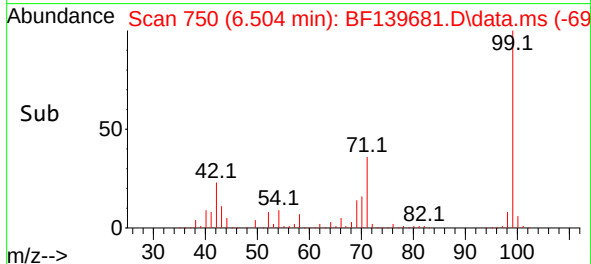
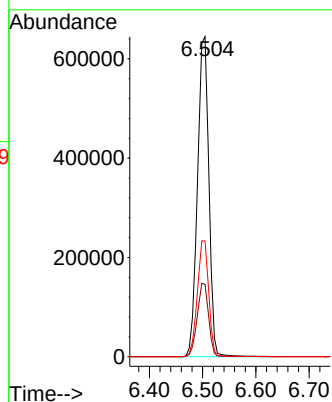
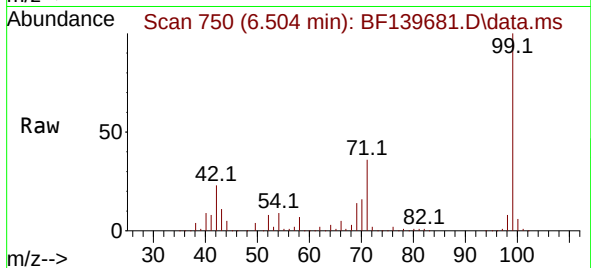




#7
Phenol-d6
Concen: 147.695 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139681.D
Acq: 07 Oct 2024 12:40

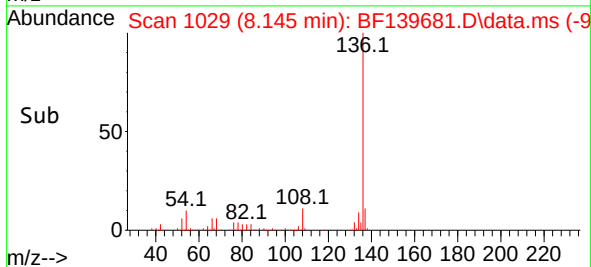
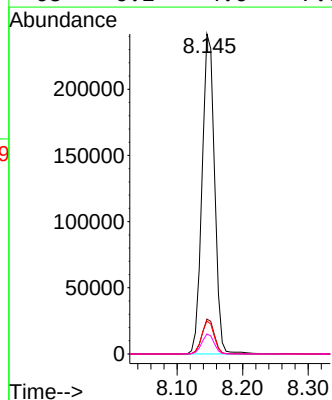
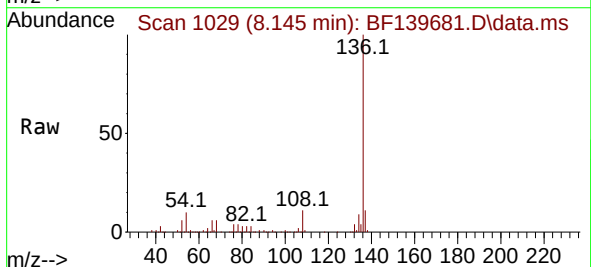
Instrument :
BNA_F
ClientSampleId :
PB163898BL

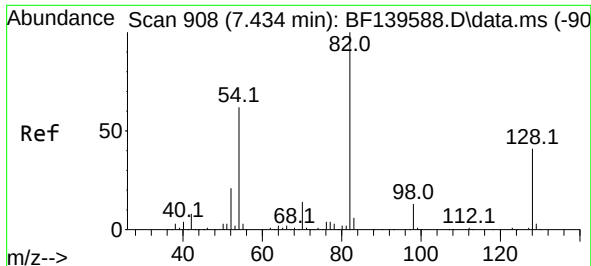
Tgt Ion: 99 Resp: 959363
Ion Ratio Lower Upper
99 100
42 22.6 19.1 28.7
71 36.2 29.7 44.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF139681.D
Acq: 07 Oct 2024 12:40

Tgt Ion: 136 Resp: 322477
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.3 8.3 12.5
68 6.2 4.6 7.0





#23

Nitrobenzene-d5

Concen: 97.947 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF139681.D

Acq: 07 Oct 2024 12:40

Instrument :

BNA_F

ClientSampleId :

PB163898BL

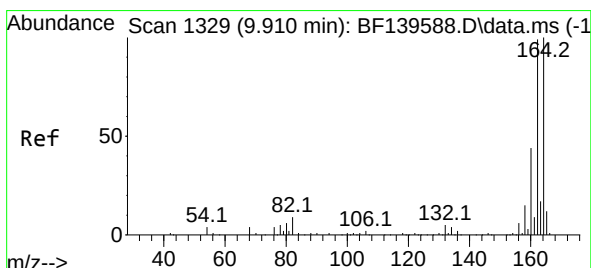
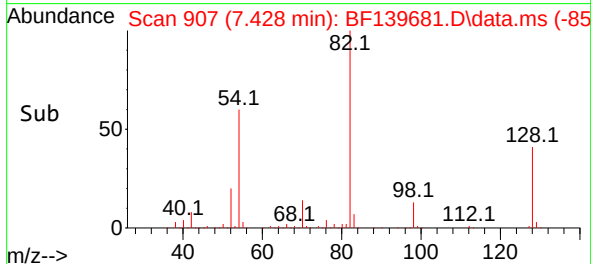
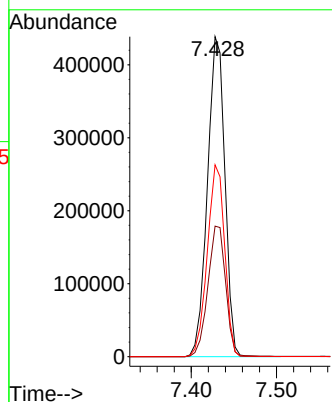
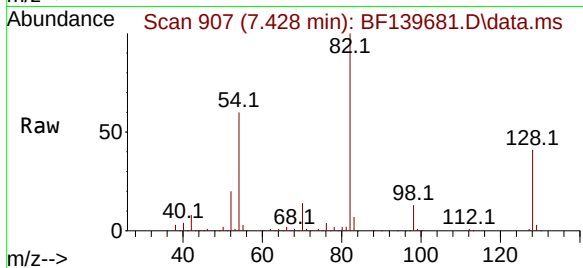
Tgt Ion: 82 Resp: 623849

Ion Ratio Lower Upper

82 100

128 40.8 32.4 48.6

54 60.0 49.1 73.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.006 min

Lab File: BF139681.D

Acq: 07 Oct 2024 12:40

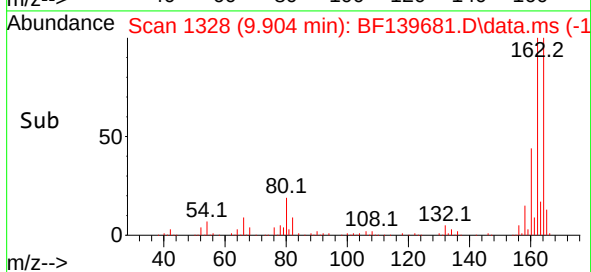
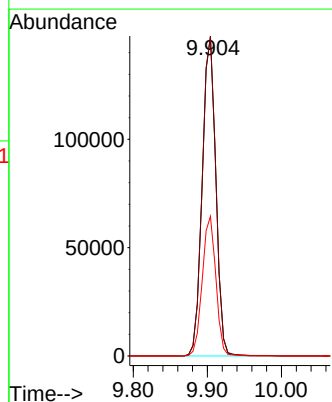
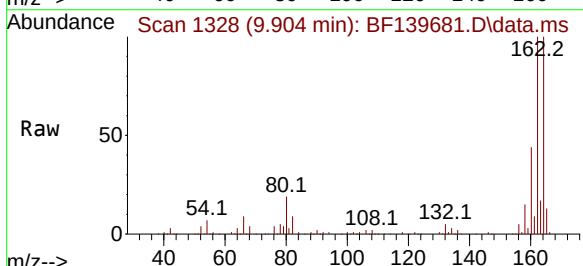
Tgt Ion:164 Resp: 187389

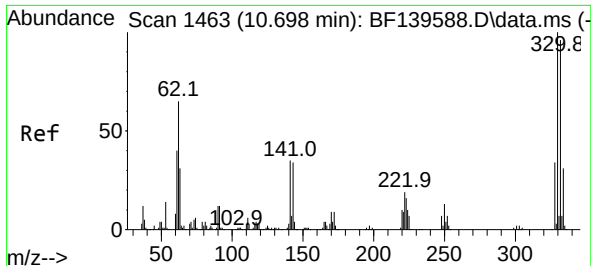
Ion Ratio Lower Upper

164 100

162 100.3 79.4 119.0

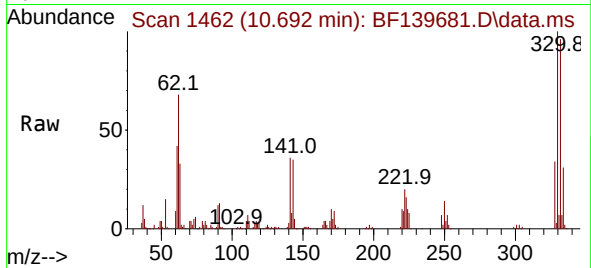
160 43.8 35.1 52.7



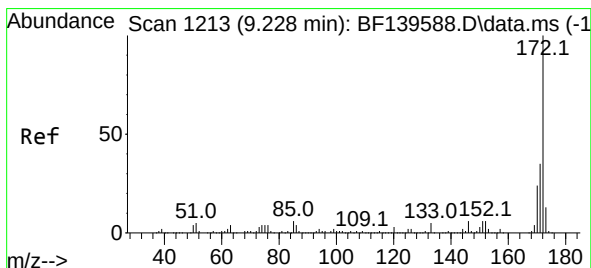
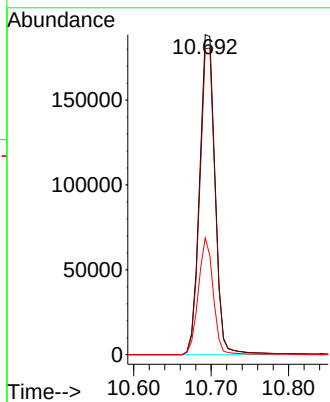
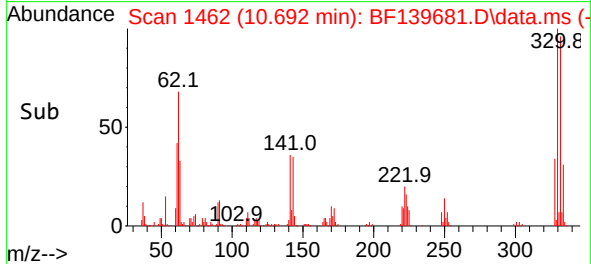


#42
2,4,6-Tribromophenol
Concen: 144.867 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139681.D
Acq: 07 Oct 2024 12:40

Instrument :
BNA_F
ClientSampleId :
PB163898BL

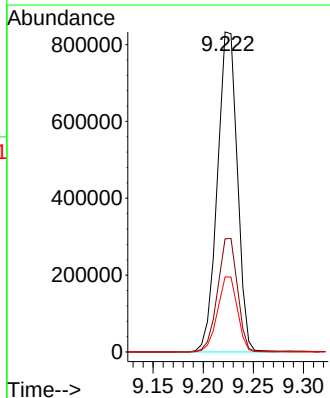
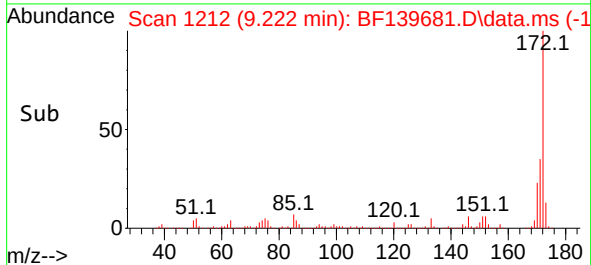
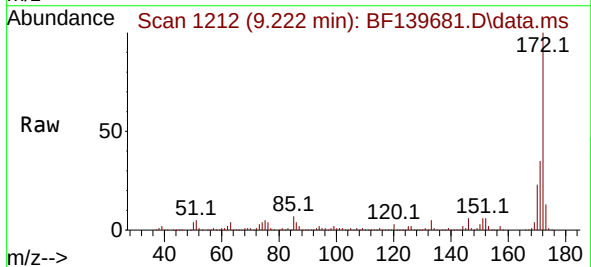


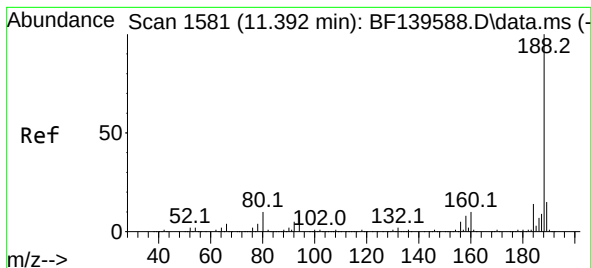
Tgt Ion:330 Resp: 262056
Ion Ratio Lower Upper
330 100
332 96.4 76.5 114.7
141 35.3 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 94.327 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139681.D
Acq: 07 Oct 2024 12:40

Tgt Ion:172 Resp: 1151383
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.5 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139681.D

Acq: 07 Oct 2024 12:40

Instrument :

BNA_F

ClientSampleId :

PB163898BL

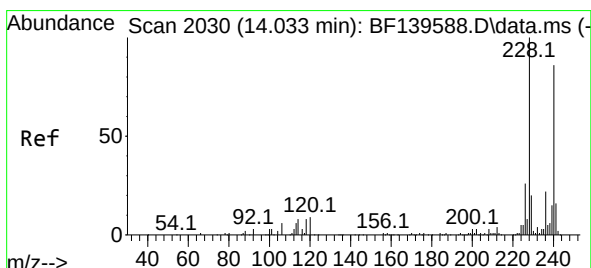
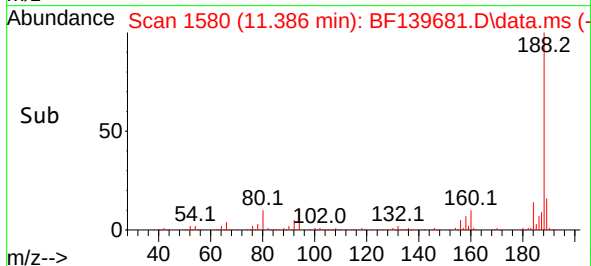
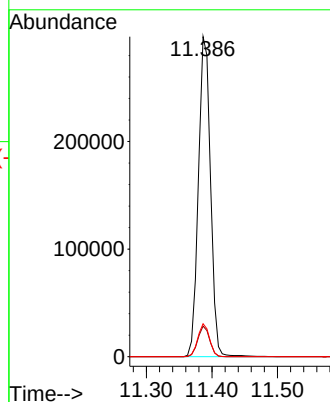
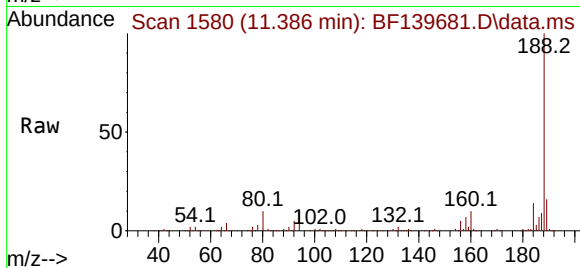
Tgt Ion:188 Resp: 382857

Ion Ratio Lower Upper

188 100

94 9.6 7.4 11.2

80 10.3 8.2 12.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF139681.D

Acq: 07 Oct 2024 12:40

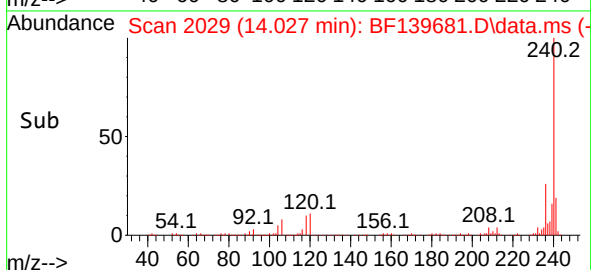
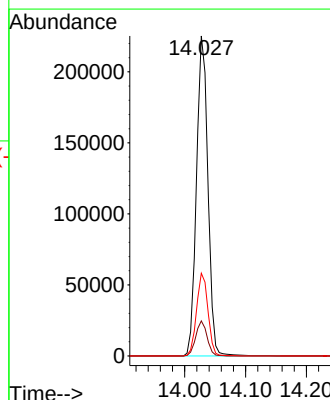
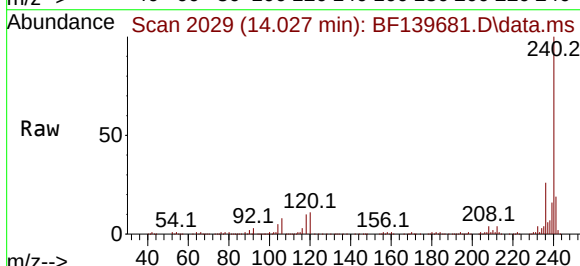
Tgt Ion:240 Resp: 293535

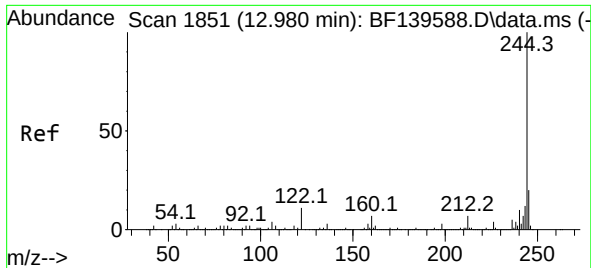
Ion Ratio Lower Upper

240 100

120 11.0 8.4 12.6

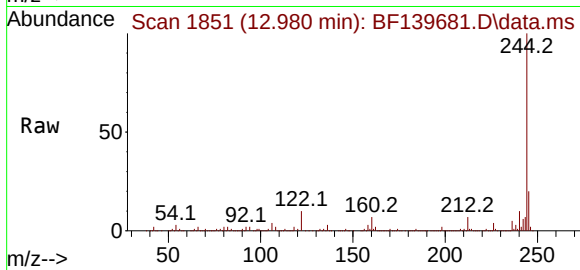
236 25.9 20.3 30.5



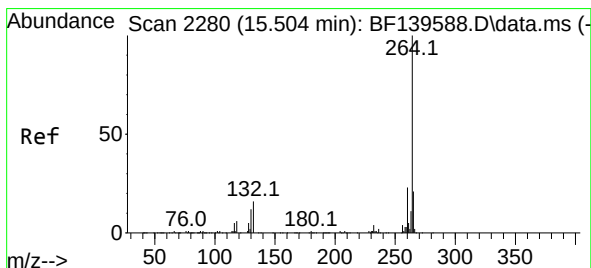
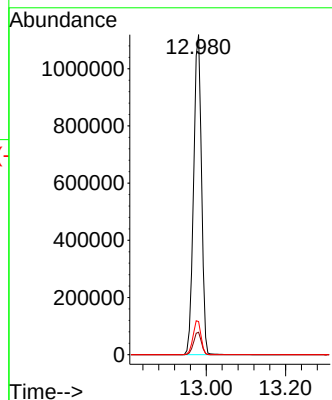
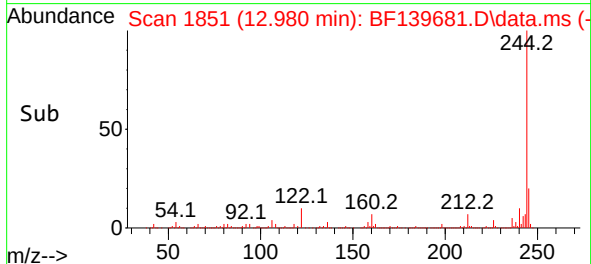


#79
 Terphenyl-d14
 Concen: 86.344 ng
 RT: 12.980 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF139681.D
 Acq: 07 Oct 2024 12:40

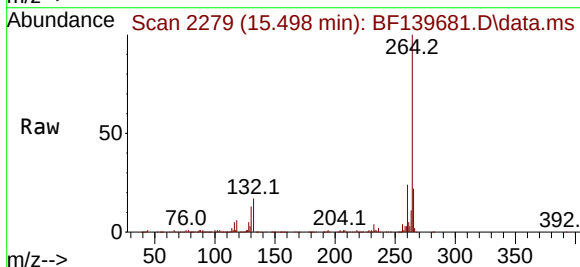
Instrument :
 BNA_F
 ClientSampleId :
 PB163898BL



Tgt Ion:244 Resp: 1544649
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 10.3 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2279
 Delta R.T. -0.006 min
 Lab File: BF139681.D
 Acq: 07 Oct 2024 12:40



Tgt Ion:264 Resp: 241949
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 21.5 16.9 25.3

