

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100224\
 Data File : BF139613.D
 Acq On : 02 Oct 2024 18:17
 Operator : RC/JU
 Sample : P4236-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP4

Quant Time: Oct 03 01:52:01 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)

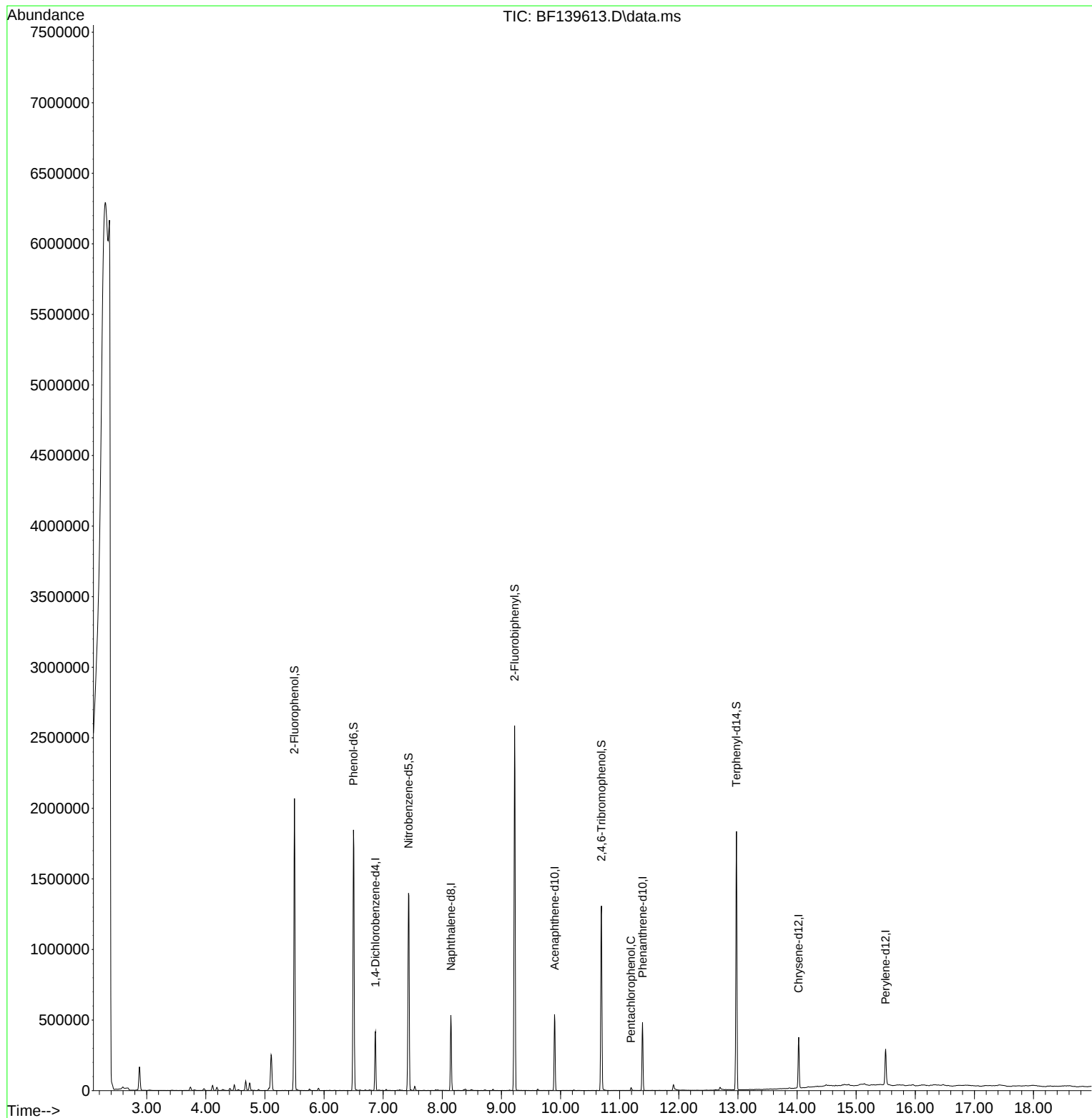
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	85306	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	311108	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	156673	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	247770	20.000	ng	0.00
76) Chrysene-d12	14.027	240	162950	20.000	ng	0.00
86) Perylene-d12	15.498	264	142205	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	700970	142.423	ng	0.01
7) Phenol-d6	6.498	99	839717	126.870	ng	0.00
23) Nitrobenzene-d5	7.428	82	648051	105.465	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	204005	134.886	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1105214	108.296	ng	0.00
79) Terphenyl-d14	12.974	244	867098	87.313	ng	0.00
Target Compounds						
70) Pentachlorophenol	11.192	266	4014	2.391	ng	Qvalue 97

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

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Quant Time: Oct 03 01:52:01 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

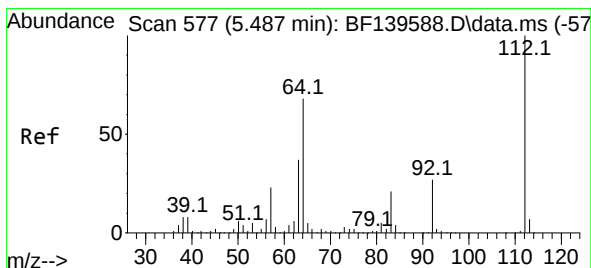
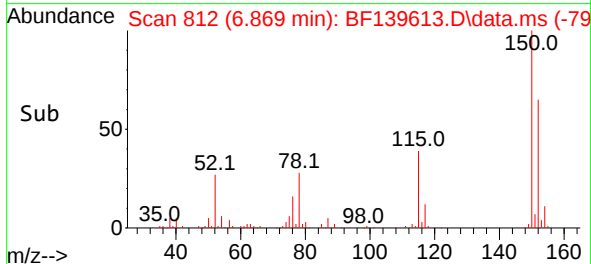
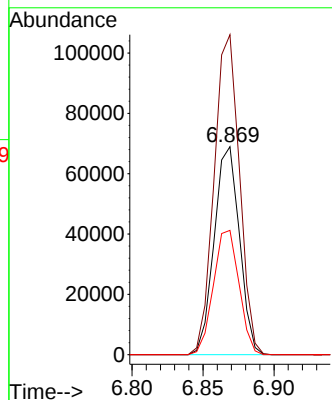
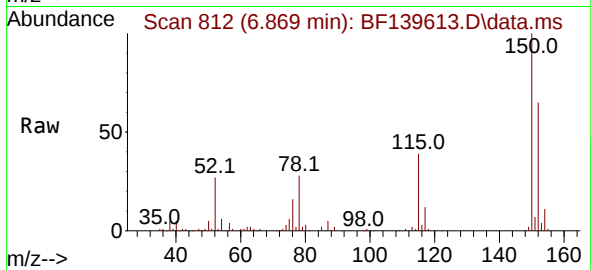




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF139613.D
Acq: 02 Oct 2024 18:17

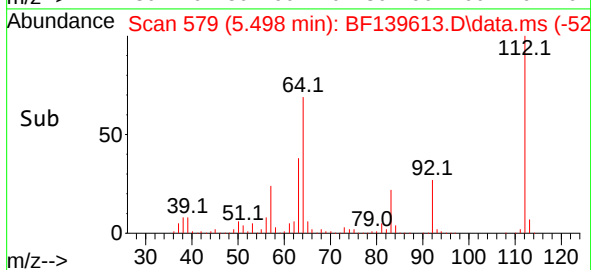
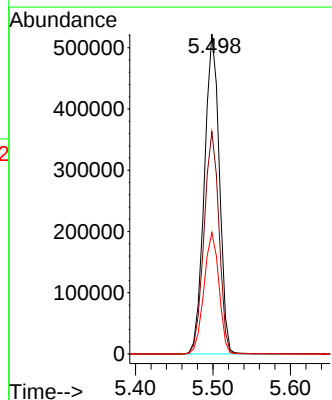
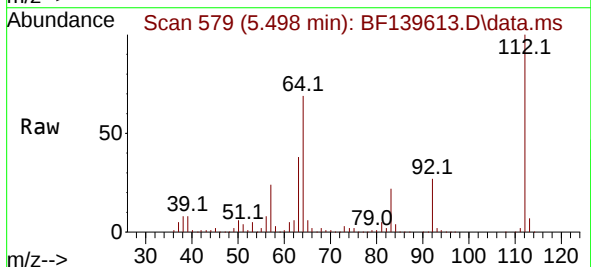
Instrument :
BNA_F
ClientSampleId :
TP4

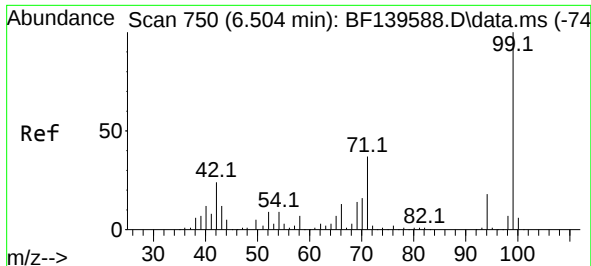
Tgt Ion:152 Resp: 85306
Ion Ratio Lower Upper
152 100
150 153.9 127.2 190.8
115 59.8 49.0 73.4



#5
2-Fluorophenol
Concen: 142.423 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.011 min
Lab File: BF139613.D
Acq: 02 Oct 2024 18:17

Tgt Ion:112 Resp: 700970
Ion Ratio Lower Upper
112 100
64 69.5 54.2 81.4
63 38.0 29.4 44.2

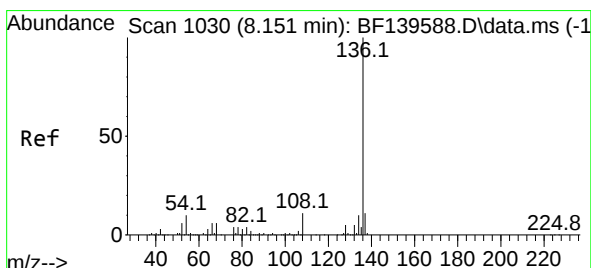
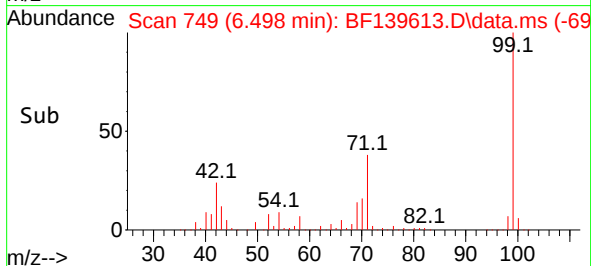
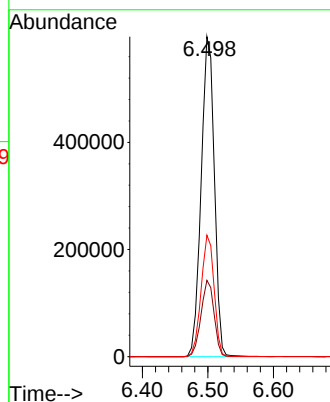
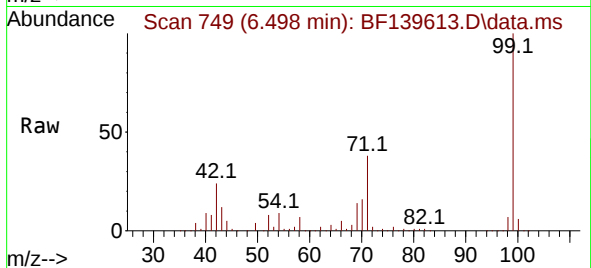




#7
Phenol-d6
Concen: 126.870 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139613.D
Acq: 02 Oct 2024 18:17

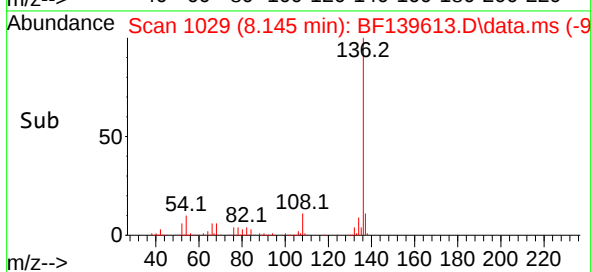
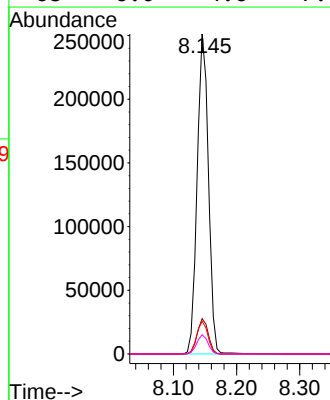
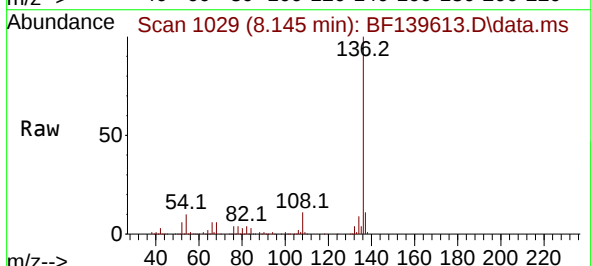
Instrument :
BNA_F
ClientSampleId :
TP4

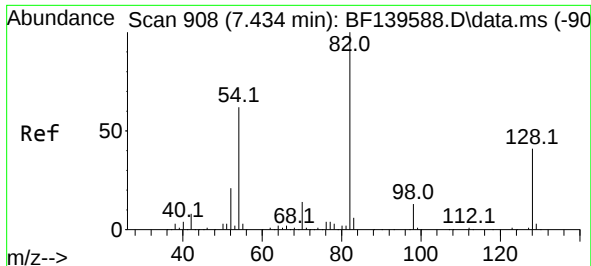
Tgt Ion: 99 Resp: 839717
Ion Ratio Lower Upper
99 100
42 23.8 19.1 28.7
71 38.0 29.7 44.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF139613.D
Acq: 02 Oct 2024 18:17

Tgt Ion: 136 Resp: 311108
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.3 8.3 12.5
68 6.0 4.6 7.0





#23

Nitrobenzene-d5

Concen: 105.465 ng

RT: 7.428 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF139613.D

Acq: 02 Oct 2024 18:17

Instrument :

BNA_F

ClientSampleId :

TP4

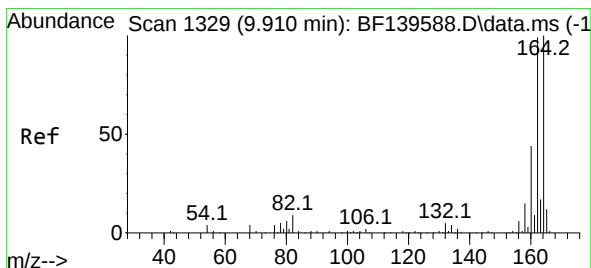
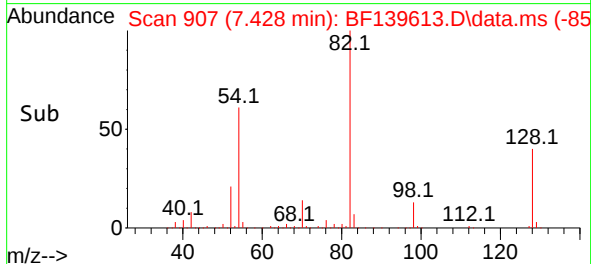
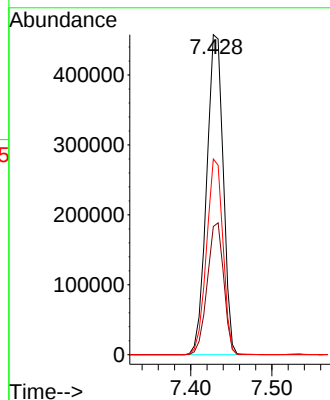
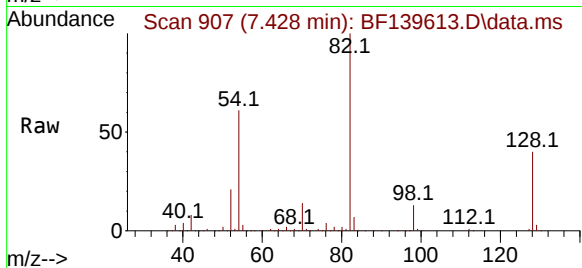
Tgt Ion: 82 Resp: 648051

Ion Ratio Lower Upper

82 100

128 40.1 32.4 48.6

54 61.1 49.1 73.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.012 min

Lab File: BF139613.D

Acq: 02 Oct 2024 18:17

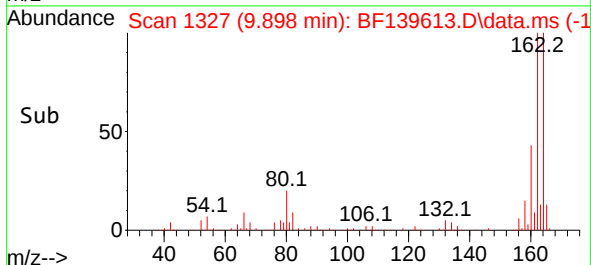
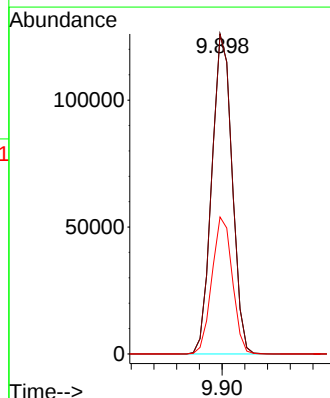
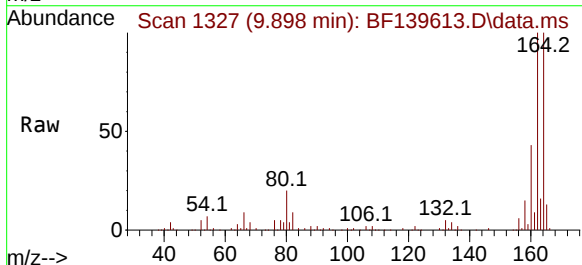
Tgt Ion:164 Resp: 156673

Ion Ratio Lower Upper

164 100

162 99.8 79.4 119.0

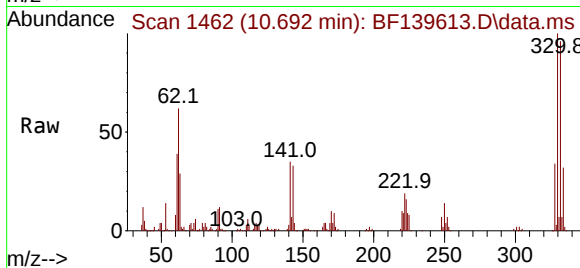
160 42.8 35.1 52.7



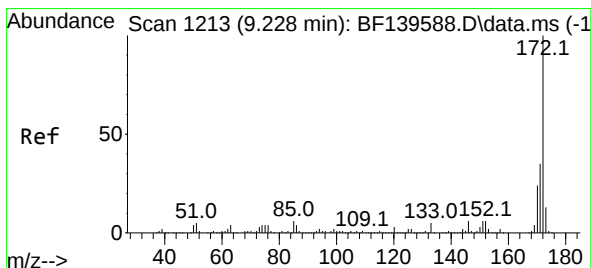
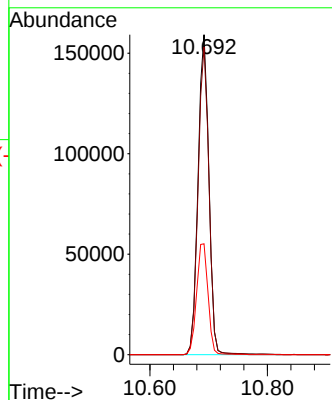
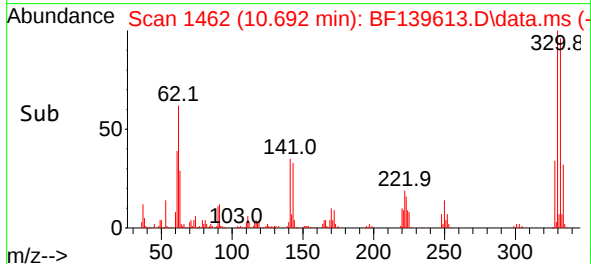


#42
2,4,6-Tribromophenol
Concen: 134.886 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139613.D
Acq: 02 Oct 2024 18:17

Instrument :
BNA_F
ClientSampleId :
TP4

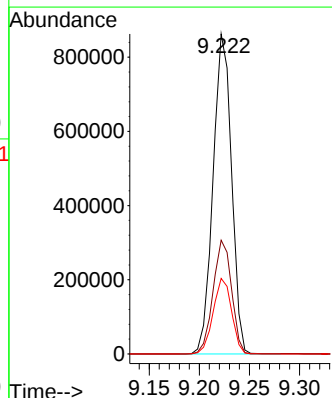
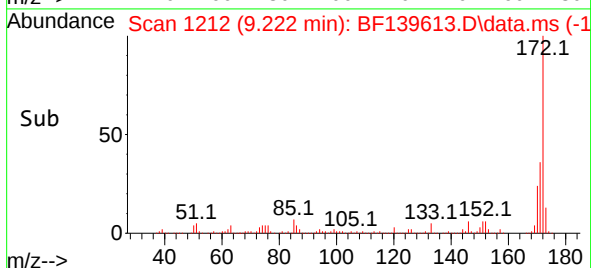
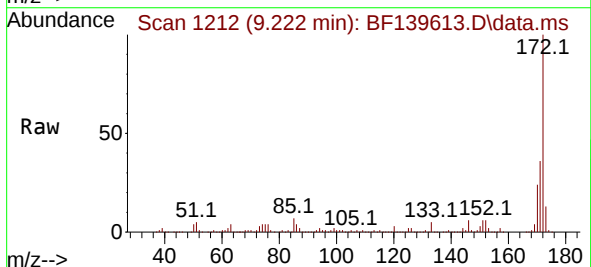


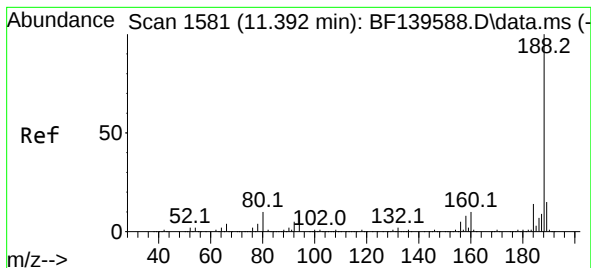
Tgt Ion: 330 Resp: 204005
Ion Ratio Lower Upper
330 100
332 96.3 76.5 114.7
141 36.5 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 108.296 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139613.D
Acq: 02 Oct 2024 18:17

Tgt Ion: 172 Resp: 1105214
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.4
170 23.6 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: BF139613.D

Acq: 02 Oct 2024 18:17

Instrument :

BNA_F

ClientSampleId :

TP4

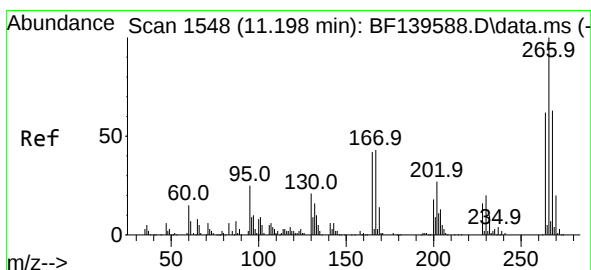
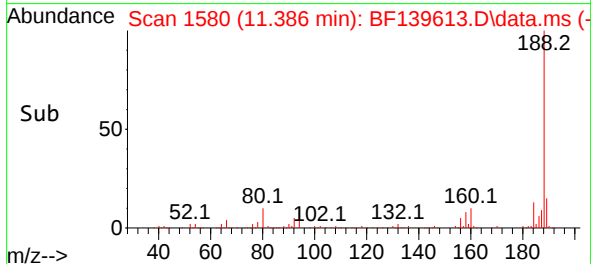
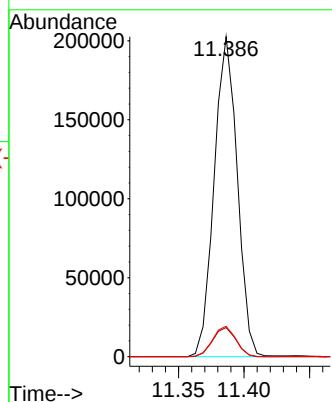
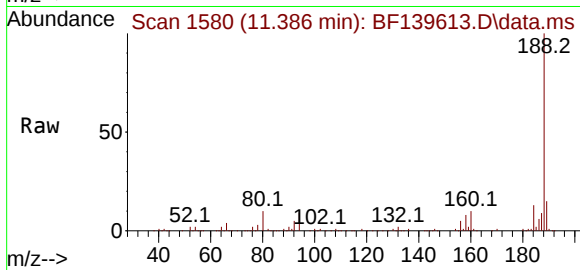
Tgt Ion:188 Resp: 247770

Ion Ratio Lower Upper

188 100

94 9.1 7.4 11.2

80 9.5 8.2 12.2



#70

Pentachlorophenol

Concen: 2.391 ng

RT: 11.192 min Scan# 1547

Delta R.T. -0.006 min

Lab File: BF139613.D

Acq: 02 Oct 2024 18:17

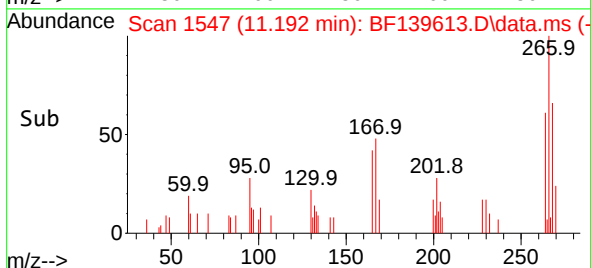
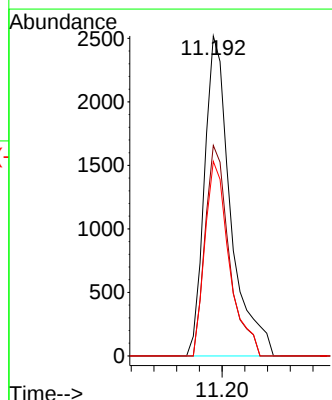
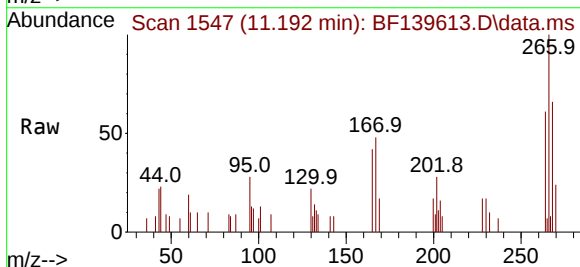
Tgt Ion:266 Resp: 4014

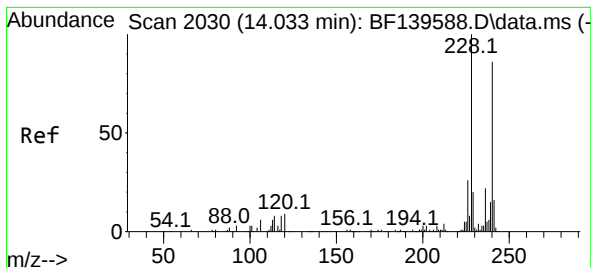
Ion Ratio Lower Upper

266 100

268 65.8 50.0 75.0

264 60.8 49.3 73.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139613.D

Acq: 02 Oct 2024 18:17

Instrument :

BNA_F

ClientSampleId :

TP4

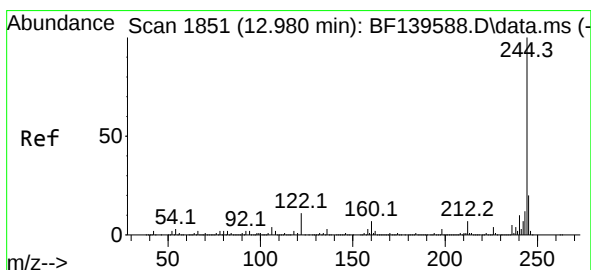
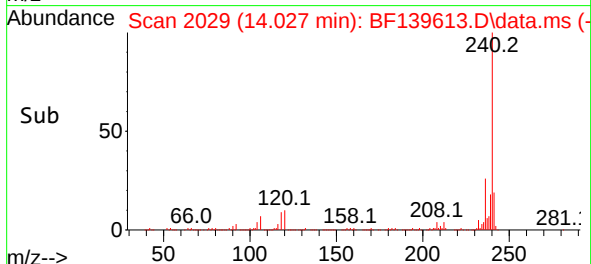
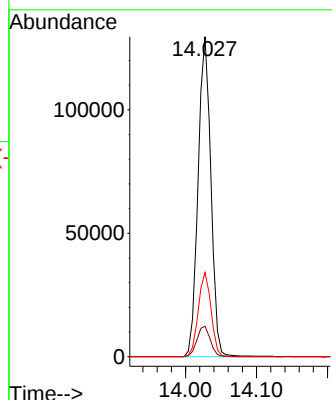
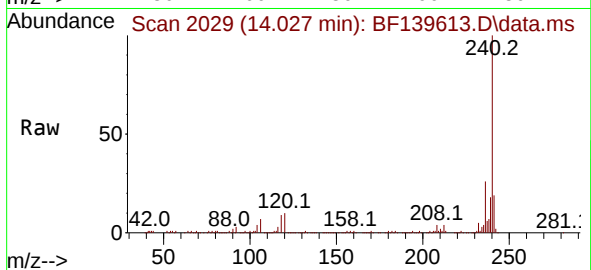
Tgt Ion:240 Resp: 162950

Ion Ratio Lower Upper

240 100

120 9.5 8.4 12.6

236 26.3 20.3 30.5



#79

Terphenyl-d14

Concen: 87.313 ng

RT: 12.974 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BF139613.D

Acq: 02 Oct 2024 18:17

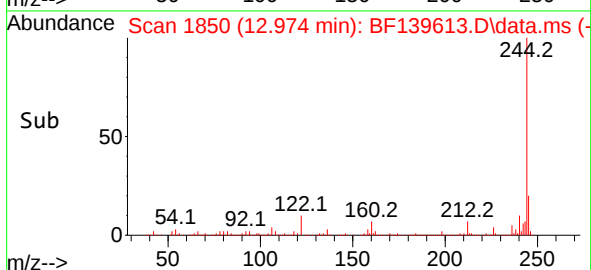
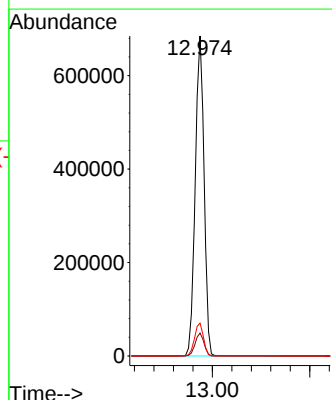
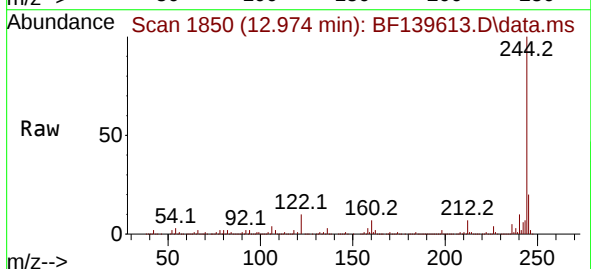
Tgt Ion:244 Resp: 867098

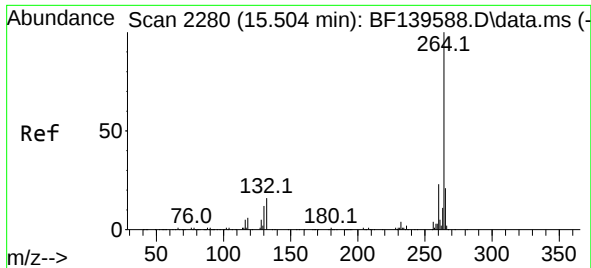
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

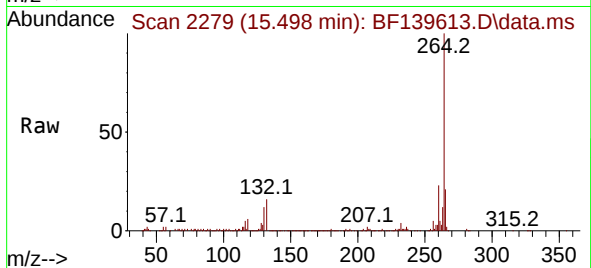
122 10.3 8.6 12.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF139613.D
 Acq: 02 Oct 2024 18:17

Instrument :
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 TP4



Tgt Ion:264 Resp: 142205
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.7 28.1
 265 21.1 16.9 25.3

