

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
 Data File : BF141557.D
 Acq On : 11 Feb 2025 13:05
 Operator : RC/JU
 Sample : PB166591TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166591TB

Quant Time: Feb 11 13:26:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	92496	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	374949	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	213231	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	384131	20.000	ng	0.00
76) Chrysene-d12	13.951	240	307343	20.000	ng	-0.01
86) Perylene-d12	15.404	264	225083	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	801438	135.838	ng	0.00
7) Phenol-d6	6.428	99	988317	132.535	ng	-0.01
23) Nitrobenzene-d5	7.351	82	659306	91.714	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	293383	136.967	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1269581	91.730	ng	0.00
79) Terphenyl-d14	12.898	244	1612484	88.570	ng	0.00

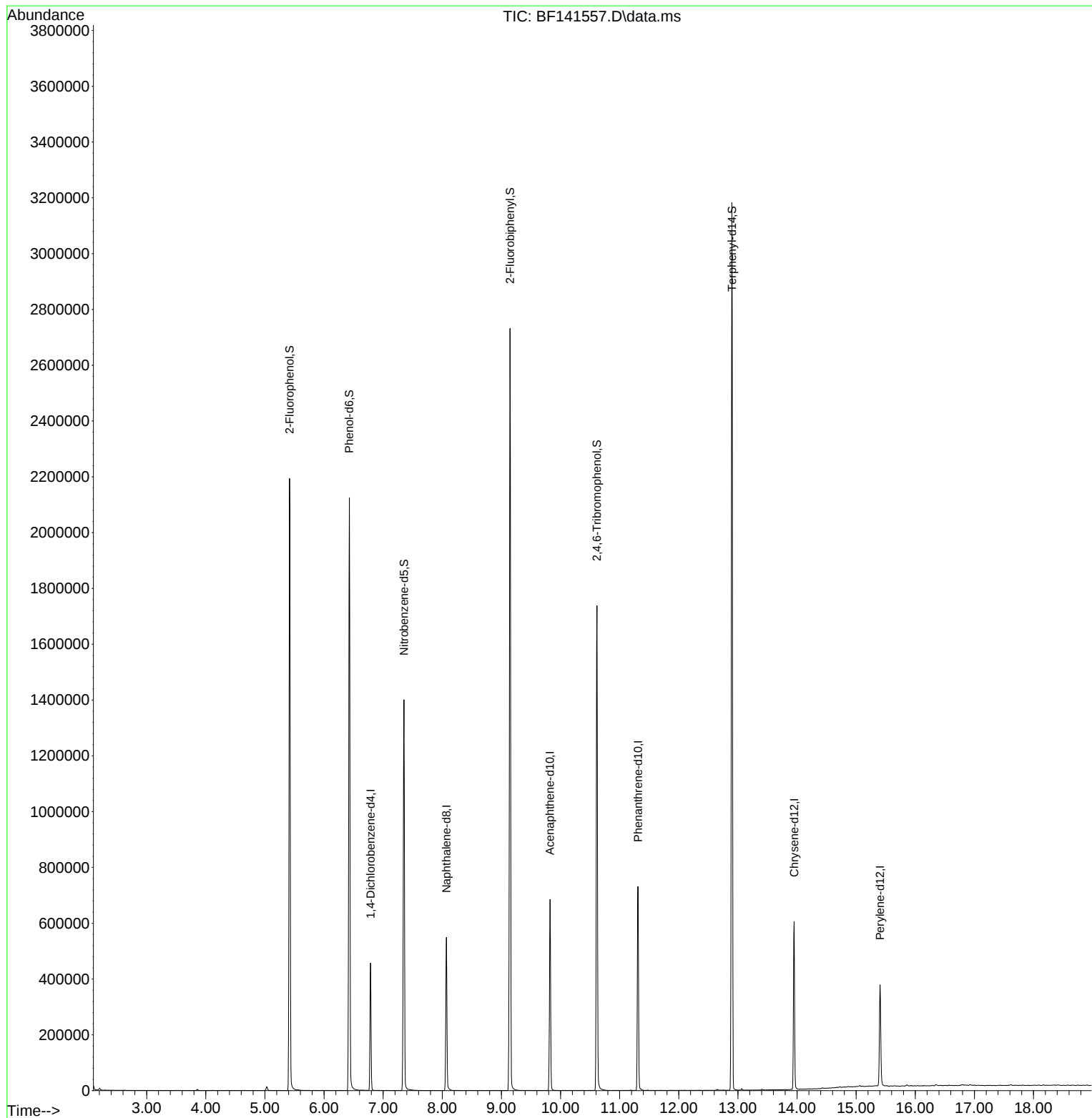
Target Compounds	Qvalue

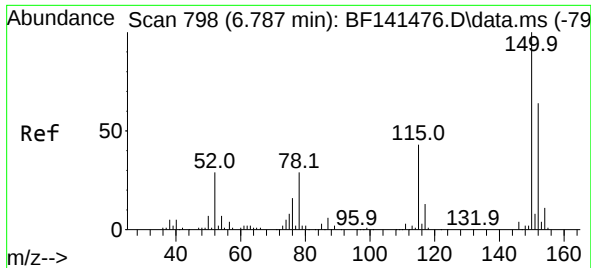
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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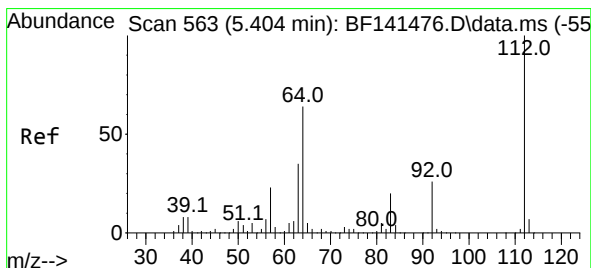
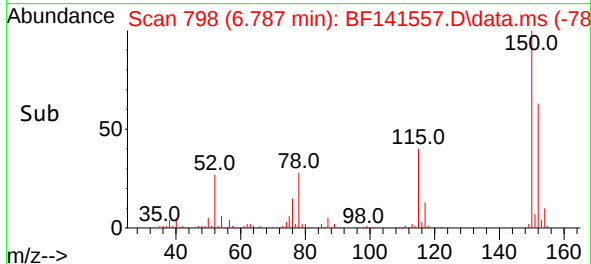
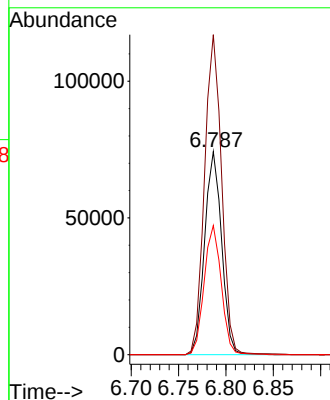
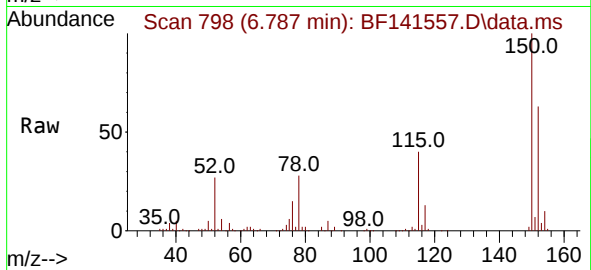




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF141557.D
Acq: 11 Feb 2025 13:05

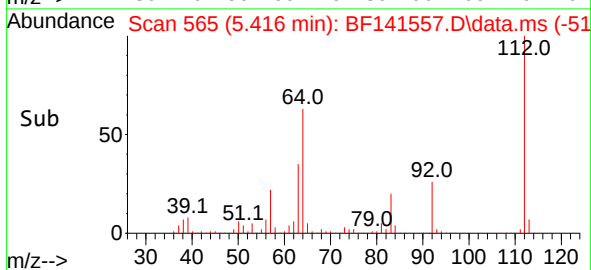
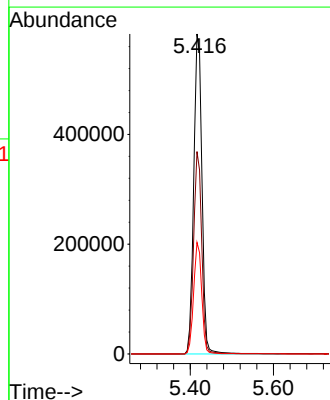
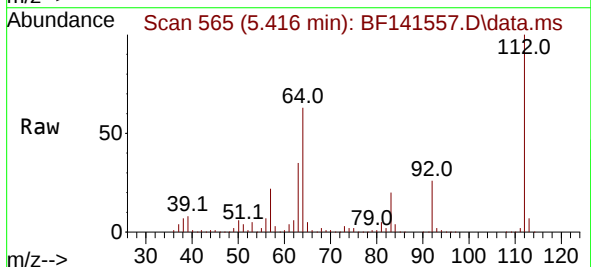
Instrument :
BNA_F
ClientSampleId :
PB166591TB

Tgt Ion:152 Resp: 92496
Ion Ratio Lower Upper
152 100
150 157.6 125.0 187.4
115 63.6 53.6 80.4



#5
2-Fluorophenol
Concen: 135.838 ng
RT: 5.416 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF141557.D
Acq: 11 Feb 2025 13:05

Tgt Ion:112 Resp: 801438
Ion Ratio Lower Upper
112 100
64 63.3 51.1 76.7
63 34.8 28.4 42.6





#7
Phenol-d6
Concen: 132.535 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141557.D
Acq: 11 Feb 2025 13:05

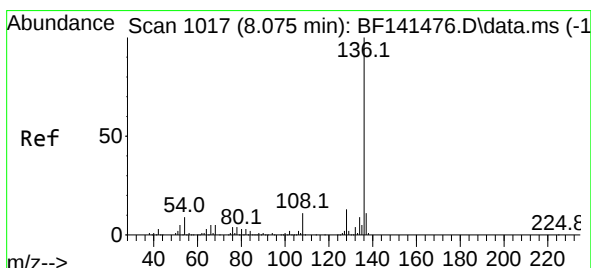
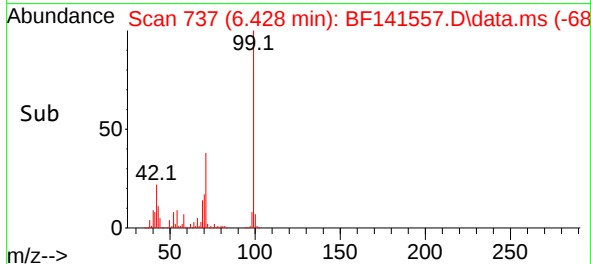
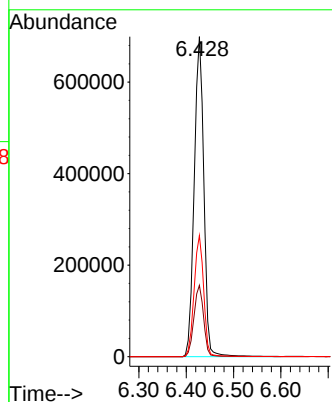
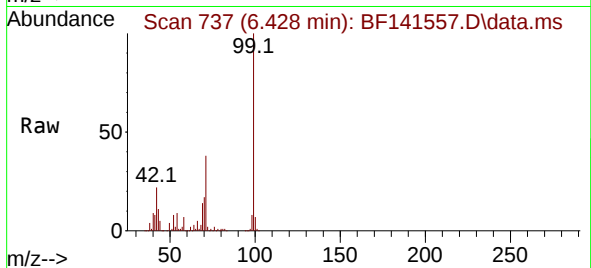
Instrument :

BNA_F

ClientSampleId :

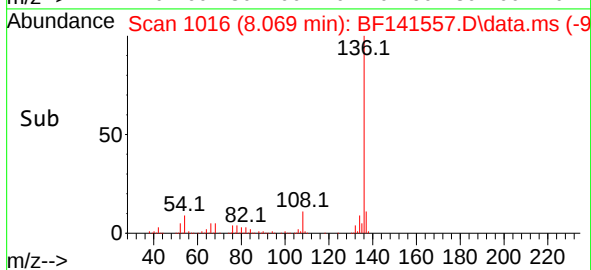
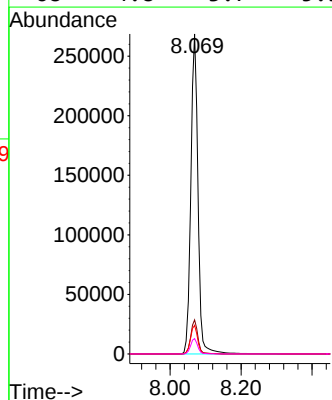
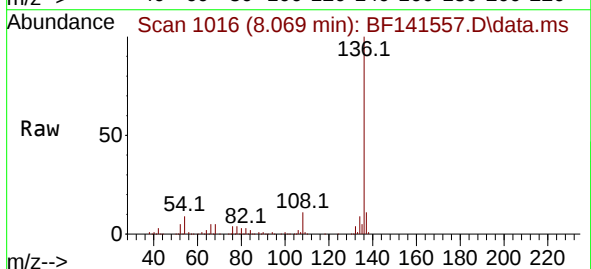
PB166591TB

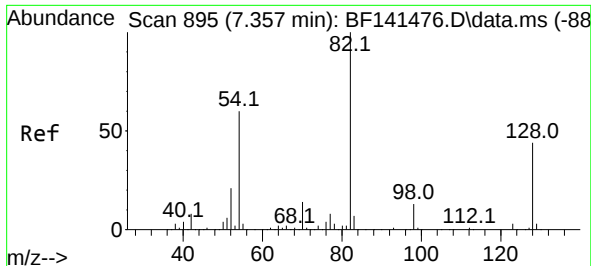
Tgt Ion: 99 Resp: 988317
Ion Ratio Lower Upper
99 100
42 22.3 19.1 28.7
71 37.8 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141557.D
Acq: 11 Feb 2025 13:05

Tgt Ion:136 Resp: 374949
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.9 7.2 10.8
68 4.8 3.7 5.5





#23

Nitrobenzene-d5

Concen: 91.714 ng

RT: 7.351 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF141557.D

Acq: 11 Feb 2025 13:05

Instrument :

BNA_F

ClientSampleId :

PB166591TB

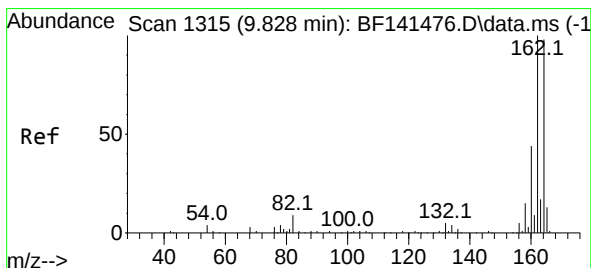
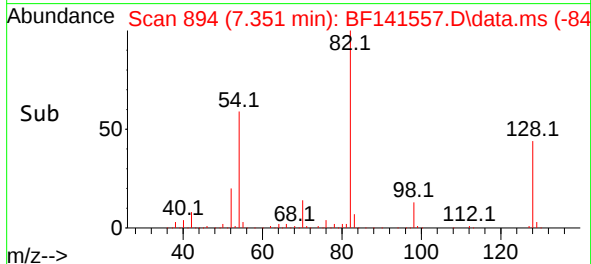
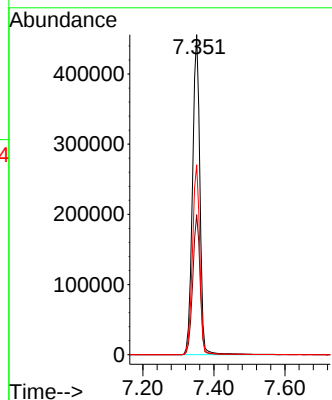
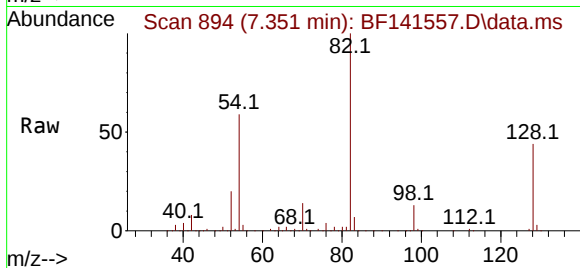
Tgt Ion: 82 Resp: 659306

Ion Ratio Lower Upper

82 100

128 43.8 34.8 52.2

54 59.3 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF141557.D

Acq: 11 Feb 2025 13:05

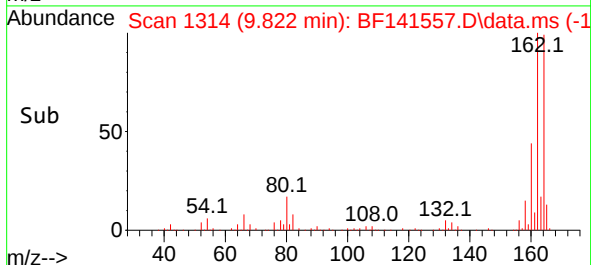
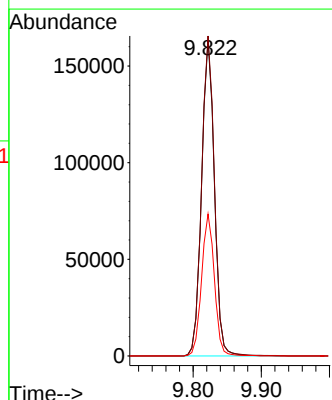
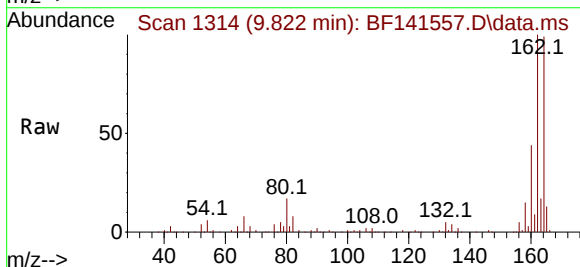
Tgt Ion:164 Resp: 213231

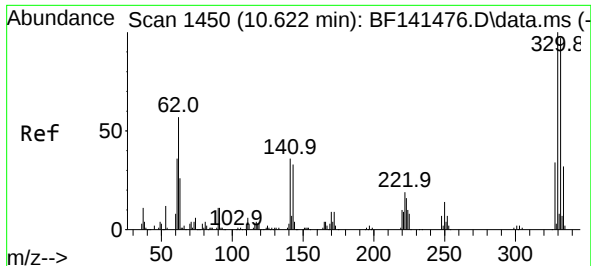
Ion Ratio Lower Upper

164 100

162 101.3 81.3 121.9

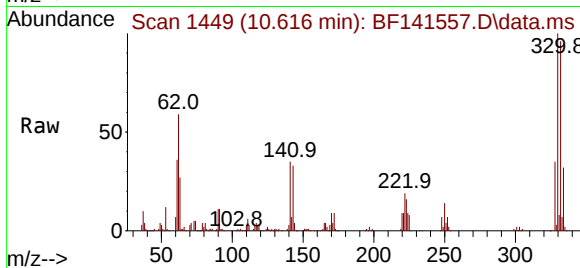
160 44.9 35.9 53.9



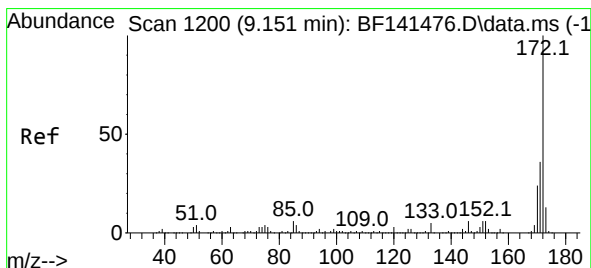
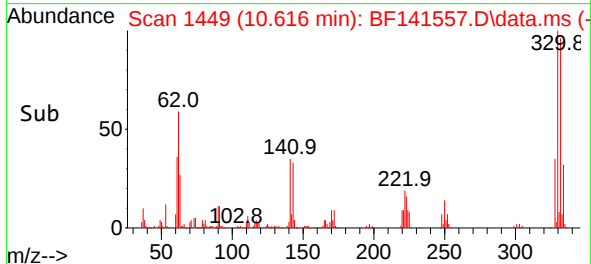
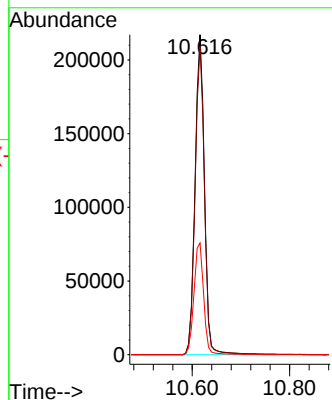


#42
2,4,6-Tribromophenol
Concen: 136.967 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF141557.D
Acq: 11 Feb 2025 13:05

Instrument :
BNA_F
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PB166591TB

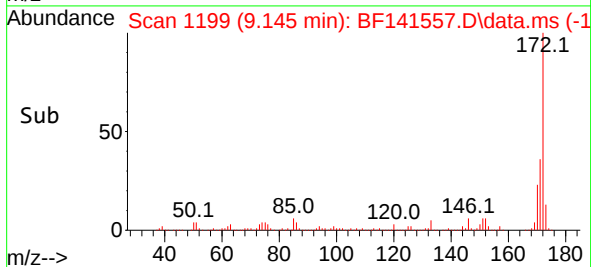
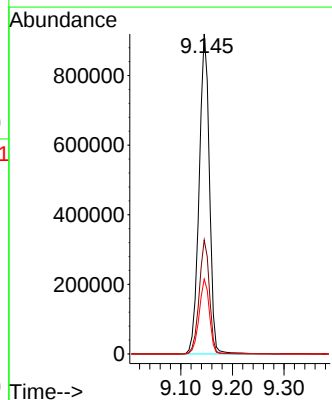
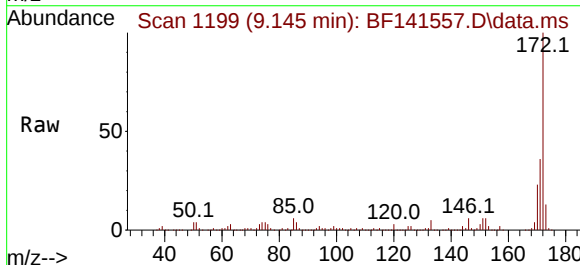


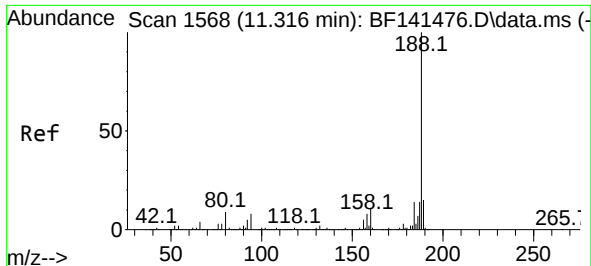
Tgt Ion: 330 Resp: 293383
Ion Ratio Lower Upper
330 100
332 96.4 78.5 117.7
141 36.1 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 91.730 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF141557.D
Acq: 11 Feb 2025 13:05

Tgt Ion: 172 Resp: 1269581
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 23.4 18.9 28.3

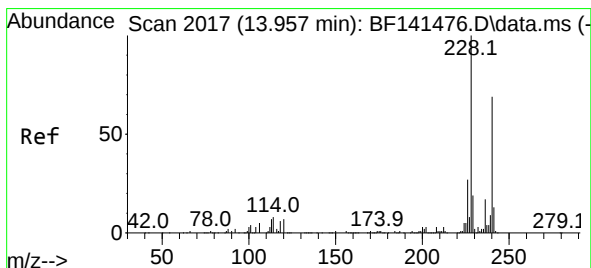
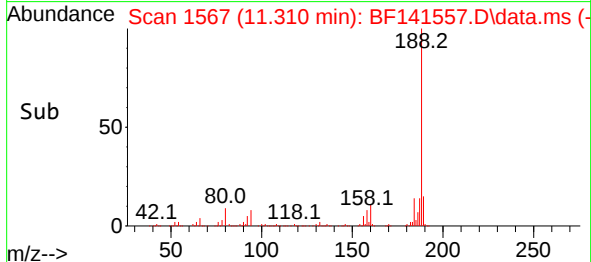
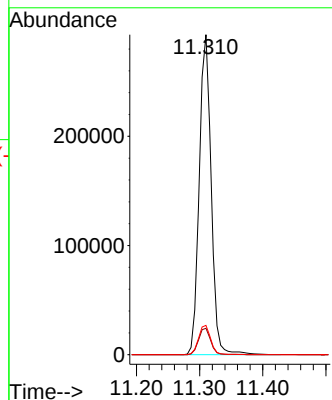
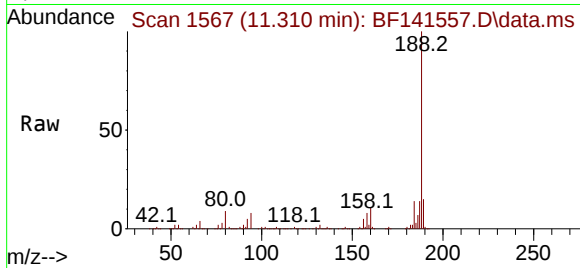




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141557.D
Acq: 11 Feb 2025 13:05

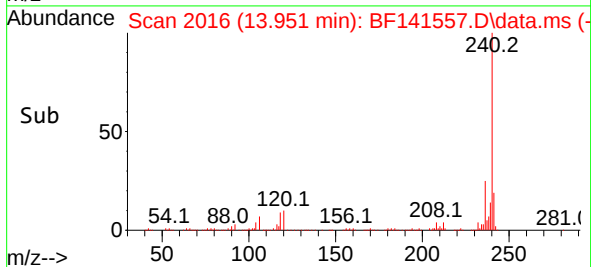
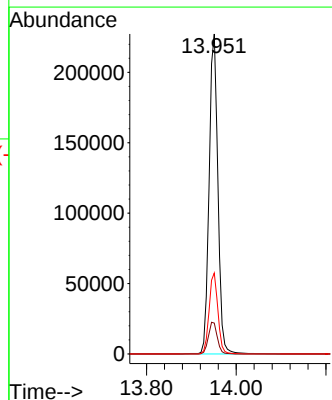
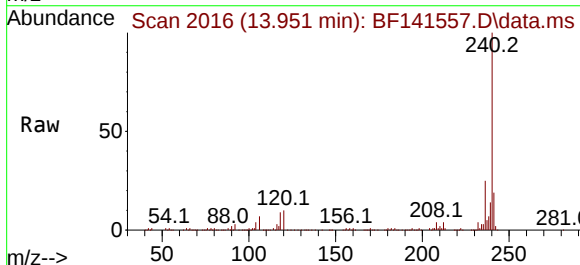
Instrument :
BNA_F
ClientSampleId :
PB166591TB

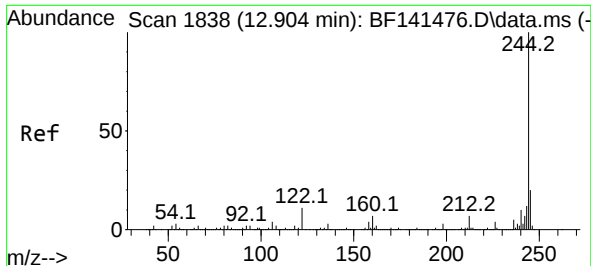
Tgt Ion:188 Resp: 384131
Ion Ratio Lower Upper
188 100
94 8.3 6.6 10.0
80 9.2 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF141557.D
Acq: 11 Feb 2025 13:05

Tgt Ion:240 Resp: 307343
Ion Ratio Lower Upper
240 100
120 9.6 8.0 12.0
236 25.3 19.8 29.8

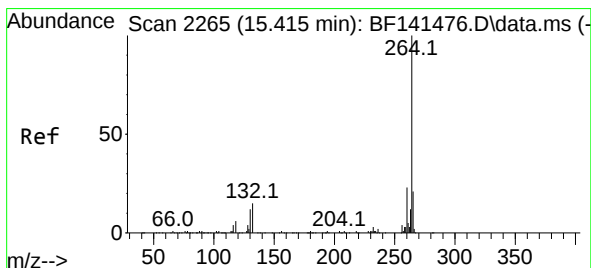
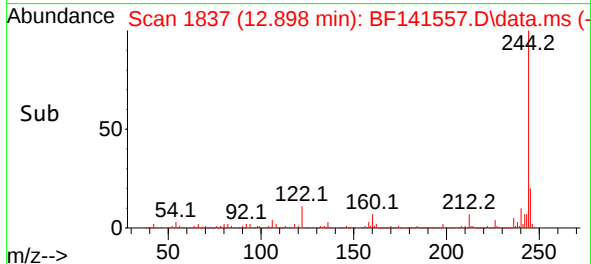
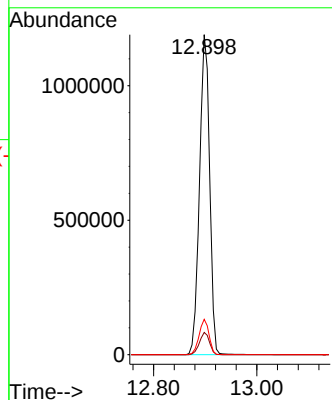
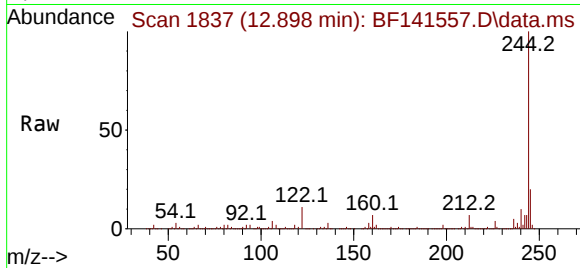




#79
 Terphenyl-d14
 Concen: 88.570 ng
 RT: 12.898 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF141557.D
 Acq: 11 Feb 2025 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB166591TB

Tgt Ion:244 Resp: 1612484
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.0 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2263
 Delta R.T. -0.012 min
 Lab File: BF141557.D
 Acq: 11 Feb 2025 13:05

Tgt Ion:264 Resp: 225083
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 28.0
 265 21.1 17.0 25.4

