

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141481.D
 Acq On : 06 Feb 2025 15:43
 Operator : RC/JU
 Sample : PB166563BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166563BL

Quant Time: Feb 06 17:28:01 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	106991	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	432132	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	242806	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	445525	20.000	ng	0.00
76) Chrysene-d12	13.957	240	395955	20.000	ng	0.00
86) Perylene-d12	15.421	264	341846	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	823780	120.709	ng	0.00
7) Phenol-d6	6.428	99	1034032	119.879	ng	-0.01
23) Nitrobenzene-d5	7.351	82	686987	82.919	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	308745	126.582	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1314168	83.386	ng	0.00
79) Terphenyl-d14	12.904	244	1709837	72.900	ng	0.00

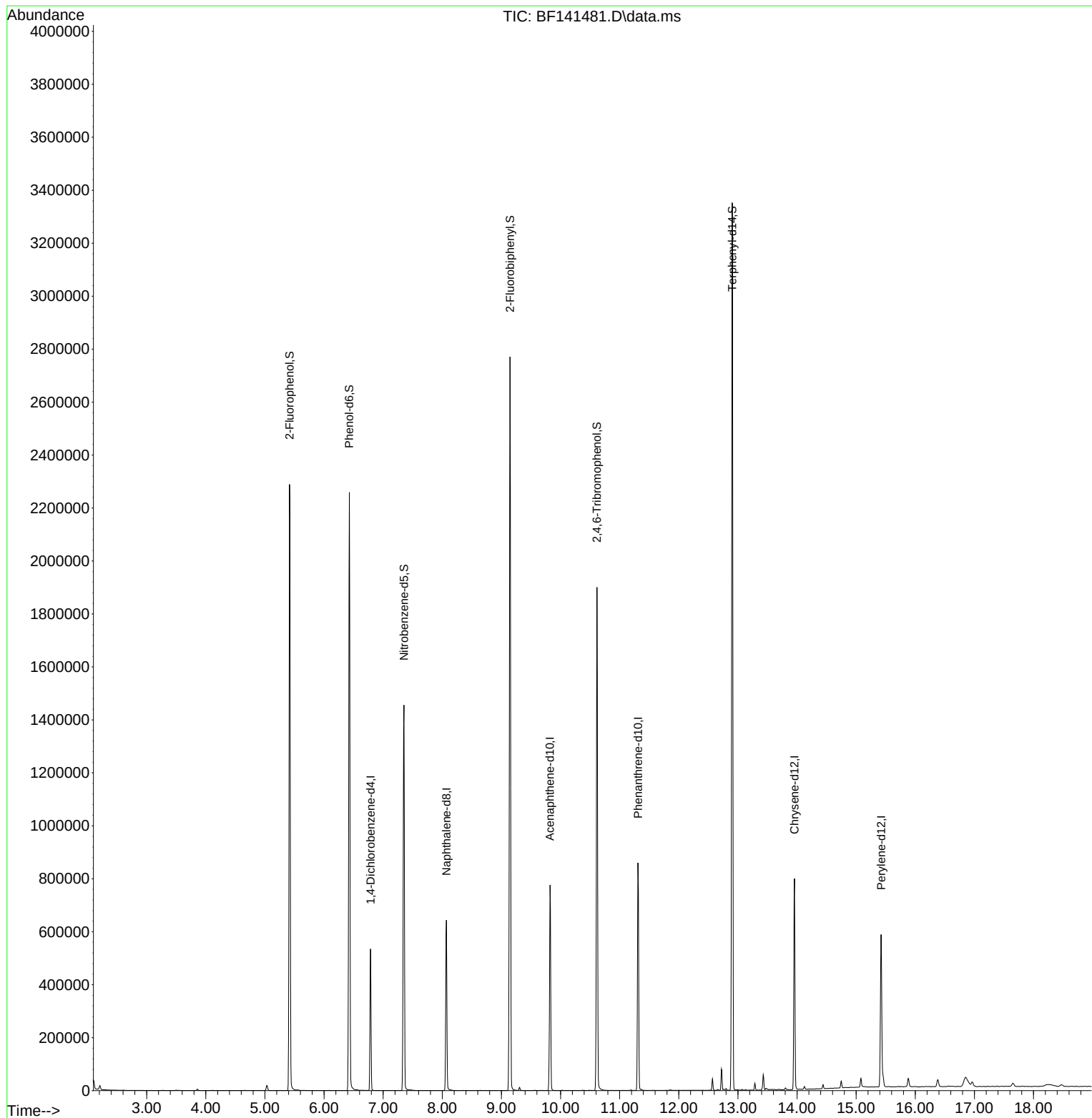
Target Compounds	Qvalue

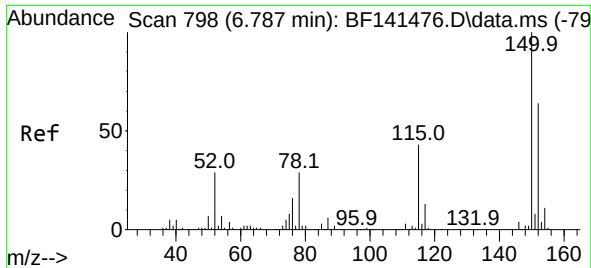
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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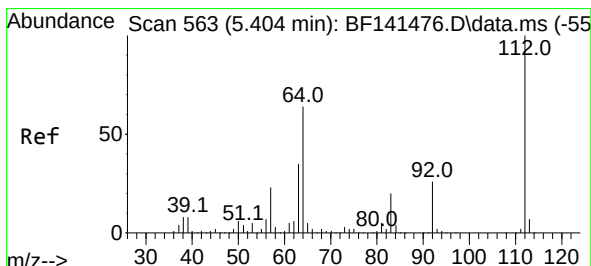
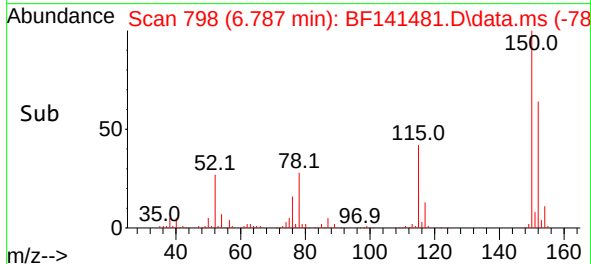
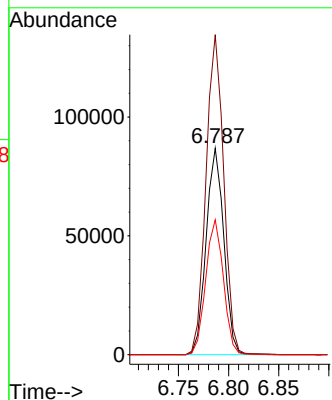
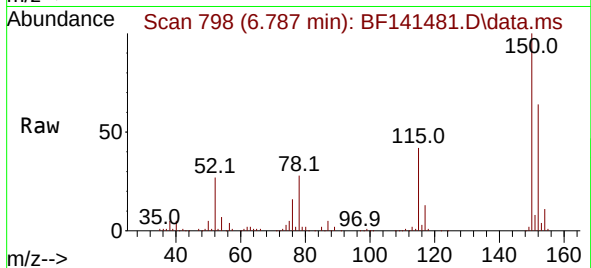




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

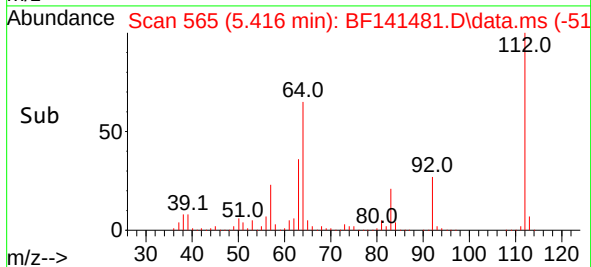
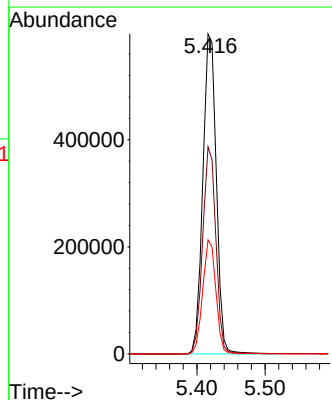
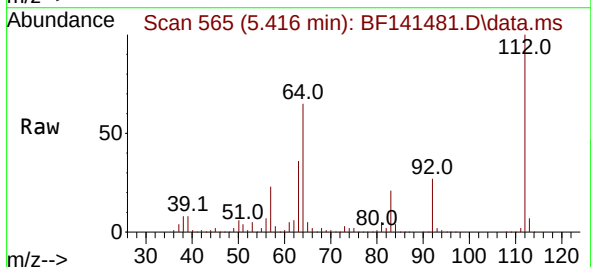
Instrument :
BNA_F
ClientSampleId :
PB166563BL

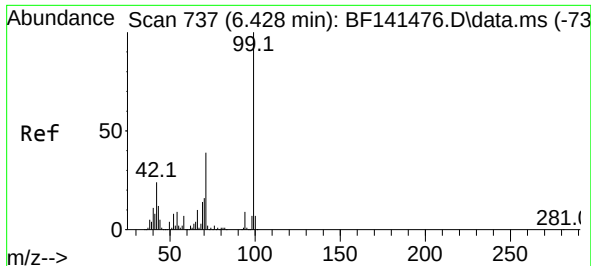
Tgt Ion:152 Resp: 106991
Ion Ratio Lower Upper
152 100
150 155.1 125.0 187.4
115 65.3 53.6 80.4



#5
2-Fluorophenol
Concen: 120.709 ng
RT: 5.416 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

Tgt Ion:112 Resp: 823780
Ion Ratio Lower Upper
112 100
64 64.7 51.1 76.7
63 35.6 28.4 42.6

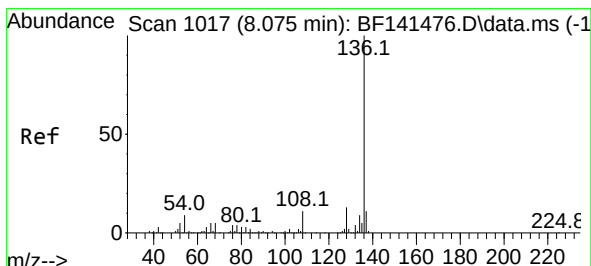
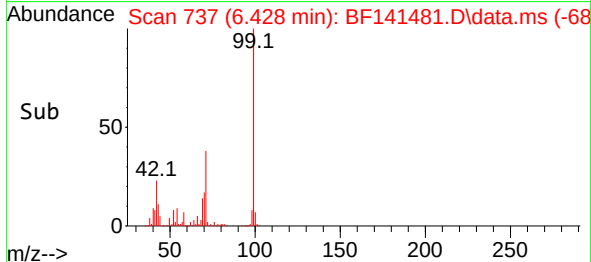
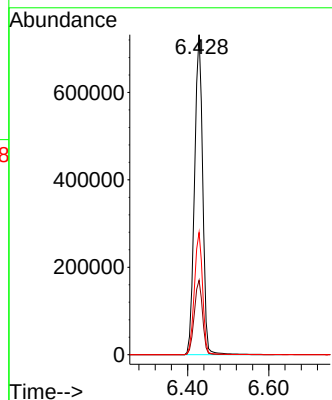
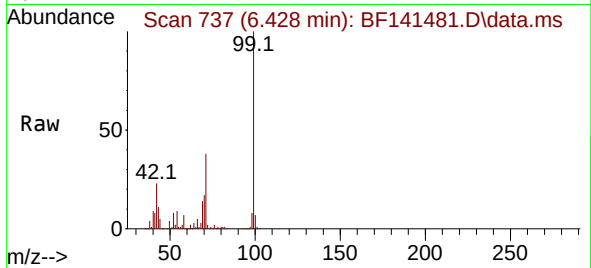




#7
Phenol-d6
Concen: 119.879 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

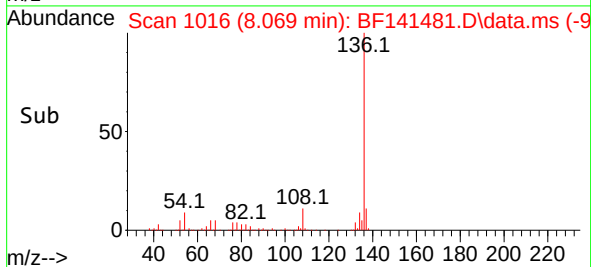
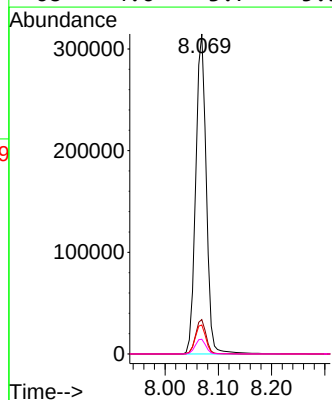
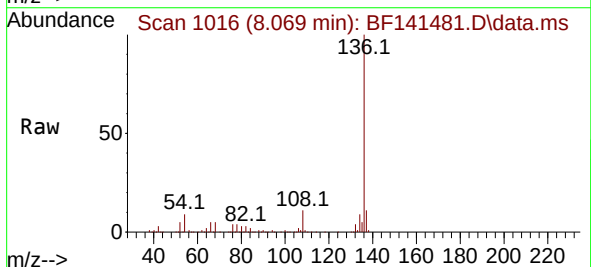
Instrument :
BNA_F
ClientSampleId :
PB166563BL

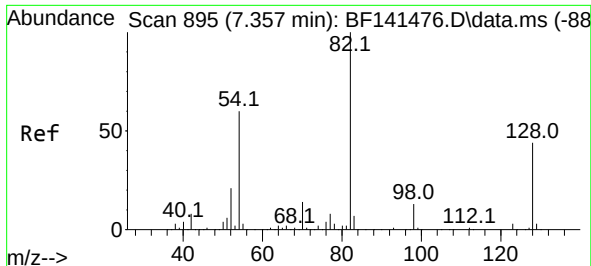
Tgt Ion: 99 Resp: 1034032
Ion Ratio Lower Upper
99 100
42 23.2 19.1 28.7
71 38.2 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

Tgt Ion: 136 Resp: 432132
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.1 7.2 10.8
68 4.6 3.7 5.5

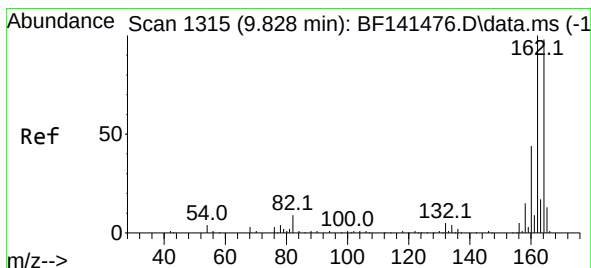
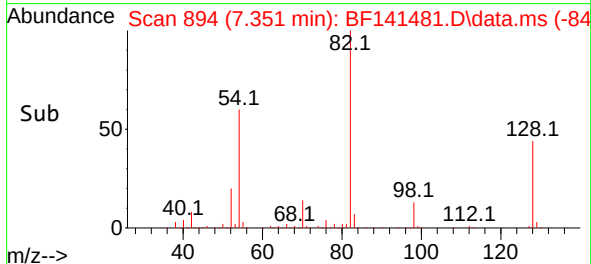
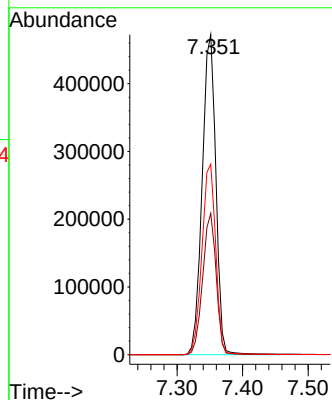
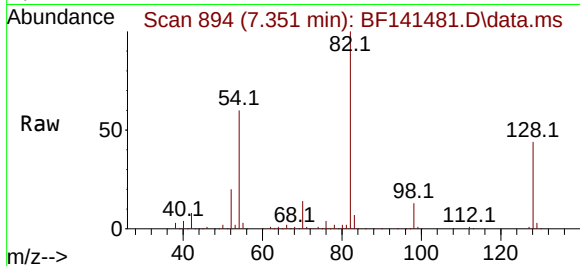




#23
 Nitrobenzene-d5
 Concen: 82.919 ng
 RT: 7.351 min Scan# 894
 Delta R.T. -0.011 min
 Lab File: BF141481.D
 Acq: 06 Feb 2025 15:43

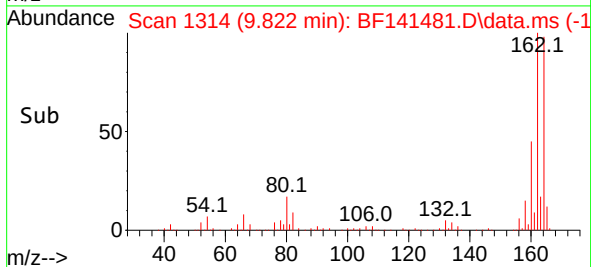
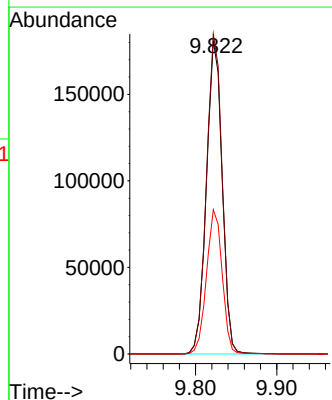
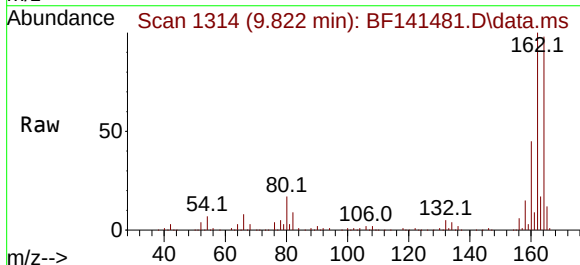
Instrument :
 BNA_F
 ClientSampleId :
 PB166563BL

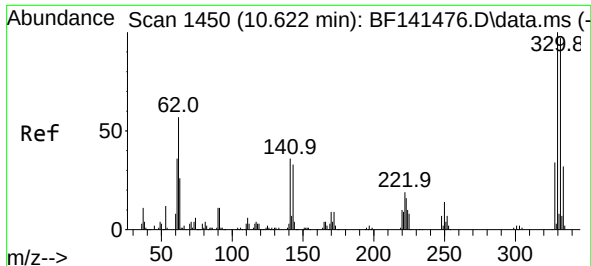
Tgt Ion: 82 Resp: 686987
 Ion Ratio Lower Upper
 82 100
 128 44.1 34.8 52.2
 54 59.6 48.2 72.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.822 min Scan# 1314
 Delta R.T. -0.011 min
 Lab File: BF141481.D
 Acq: 06 Feb 2025 15:43

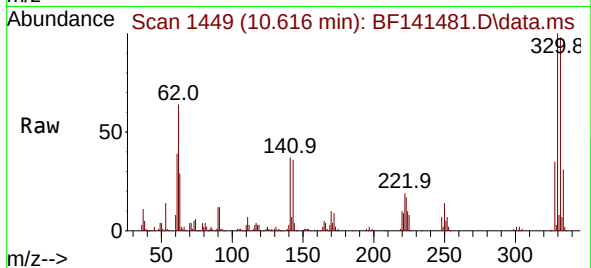
Tgt Ion:164 Resp: 242806
 Ion Ratio Lower Upper
 164 100
 162 102.3 81.3 121.9
 160 46.1 35.9 53.9



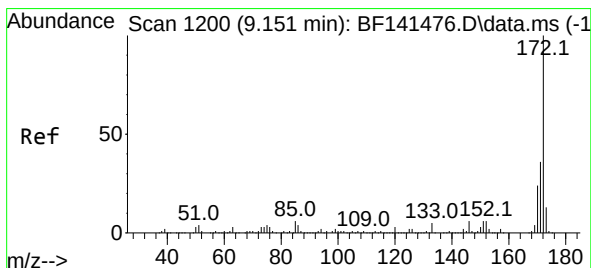
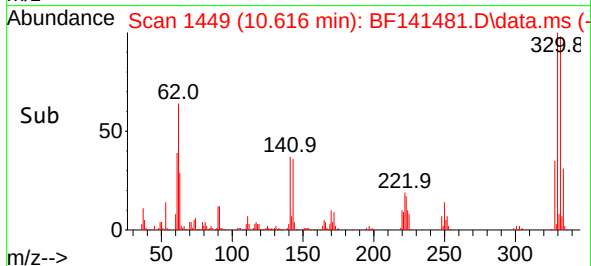
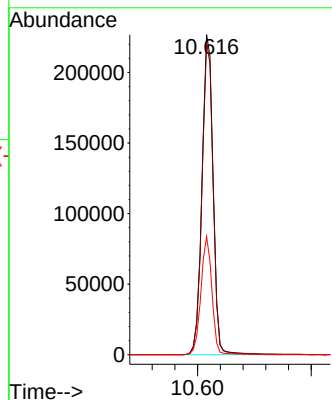


#42
2,4,6-Tribromophenol
Concen: 126.582 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.011 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

Instrument :
BNA_F
ClientSampleId :
PB166563BL

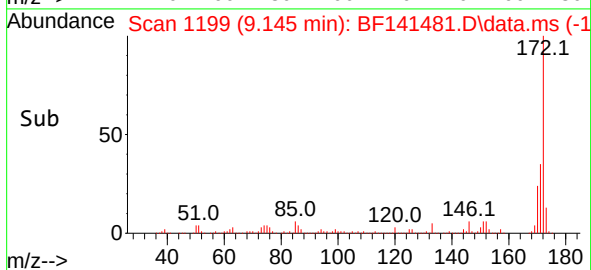
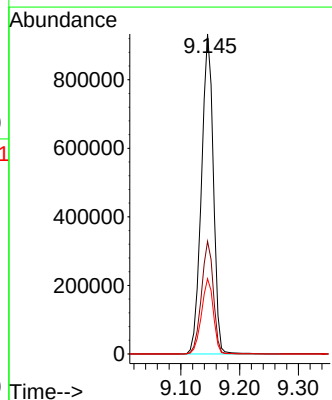
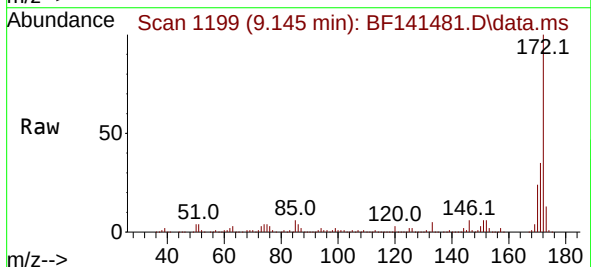


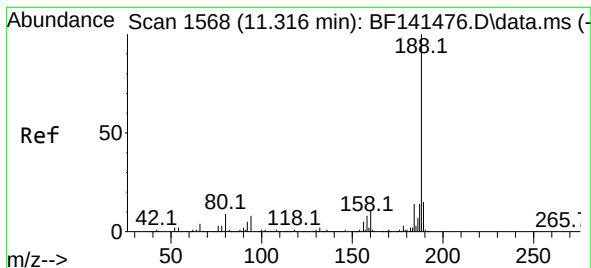
Tgt Ion:330 Resp: 308745
Ion Ratio Lower Upper
330 100
332 97.4 78.5 117.7
141 36.4 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 83.386 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

Tgt Ion:172 Resp: 1314168
Ion Ratio Lower Upper
172 100
171 35.2 28.7 43.1
170 23.5 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141481.D

Acq: 06 Feb 2025 15:43

Instrument :

BNA_F

ClientSampleId :

PB166563BL

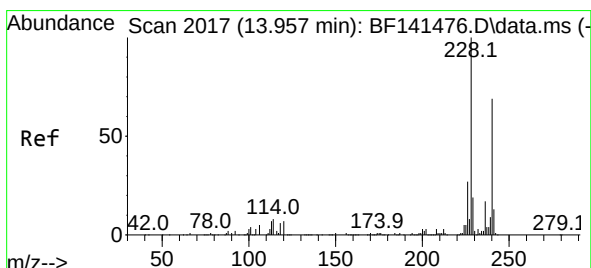
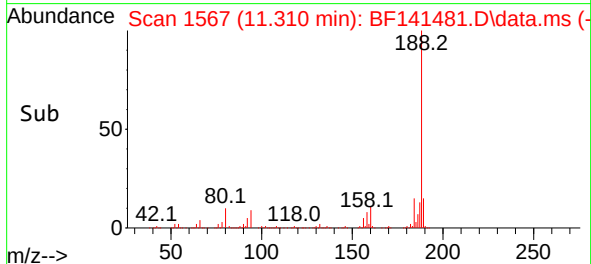
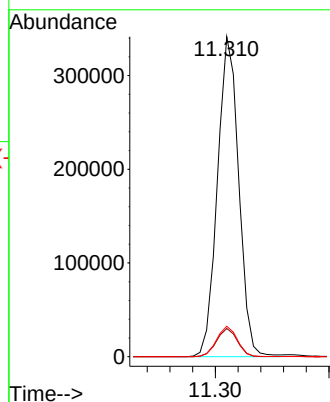
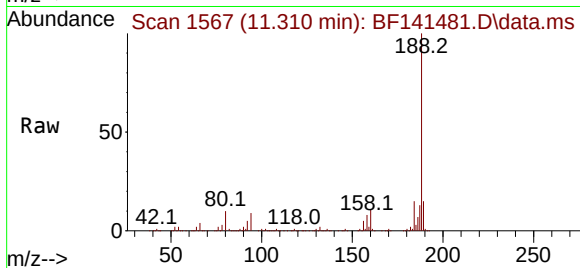
Tgt Ion:188 Resp: 445525

Ion Ratio Lower Upper

188 100

94 8.8 6.6 10.0

80 9.5 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF141481.D

Acq: 06 Feb 2025 15:43

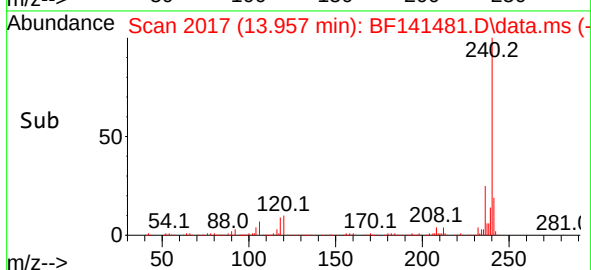
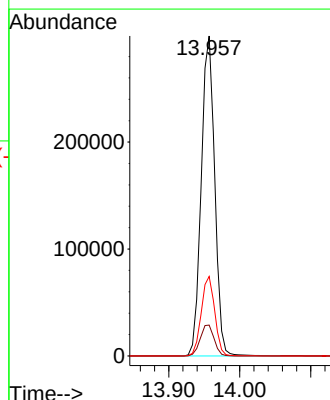
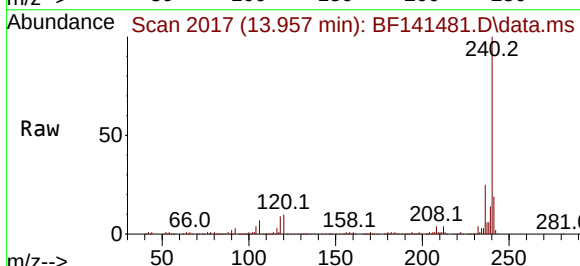
Tgt Ion:240 Resp: 395955

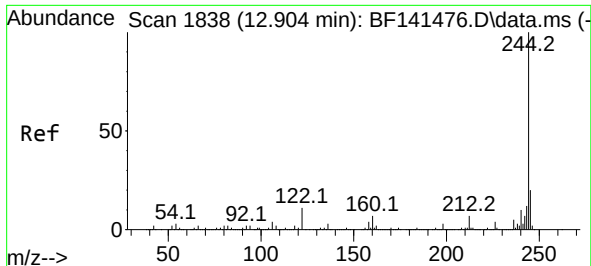
Ion Ratio Lower Upper

240 100

120 9.7 8.0 12.0

236 24.9 19.8 29.8

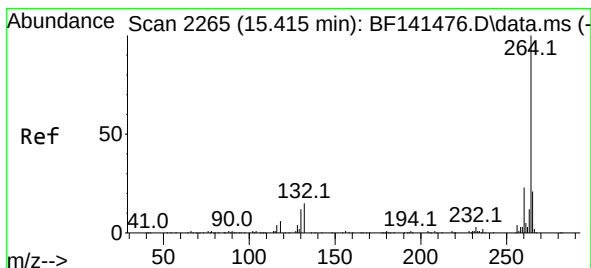
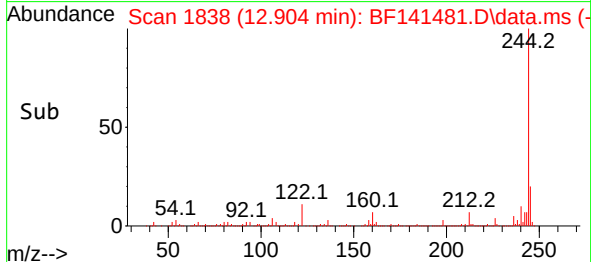
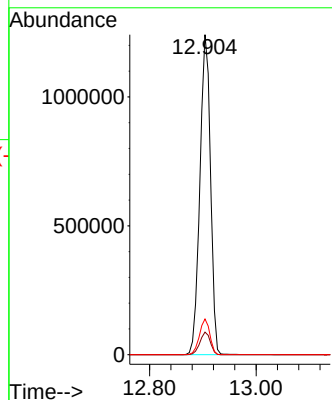
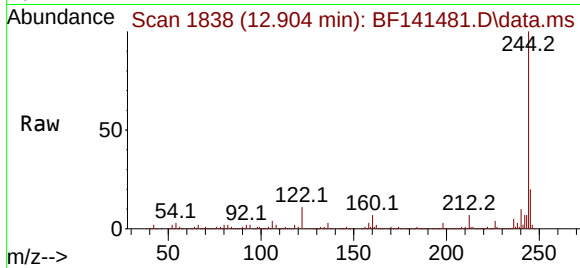




#79
 Terphenyl-d14
 Concen: 72.900 ng
 RT: 12.904 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: BF141481.D
 Acq: 06 Feb 2025 15:43

Instrument :
 BNA_F
 ClientSampleId :
 PB166563BL

Tgt Ion:244 Resp: 1709837
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.1 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2266
 Delta R.T. 0.006 min
 Lab File: BF141481.D
 Acq: 06 Feb 2025 15:43

Tgt Ion:264 Resp: 341846
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 28.0
 265 21.7 17.0 25.4

