

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013025\
 Data File : BF141314.D
 Acq On : 30 Jan 2025 15:37
 Operator : RC/JU
 Sample : Q1209-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-5

Quant Time: Jan 30 16:08:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	166760	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	673283	20.000	ng	-0.01
39) Acenaphthene-d10	9.833	164	365028	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	610253	20.000	ng	0.00
76) Chrysene-d12	13.968	240	380113	20.000	ng	0.00
86) Perylene-d12	15.445	264	313598	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	862573	79.409	ng	0.00
7) Phenol-d6	6.422	99	1108371	80.210	ng	-0.02
23) Nitrobenzene-d5	7.357	82	694302	54.362	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	273898	81.847	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1214962	51.231	ng	-0.01
79) Terphenyl-d14	12.910	244	1295018	52.541	ng	0.00

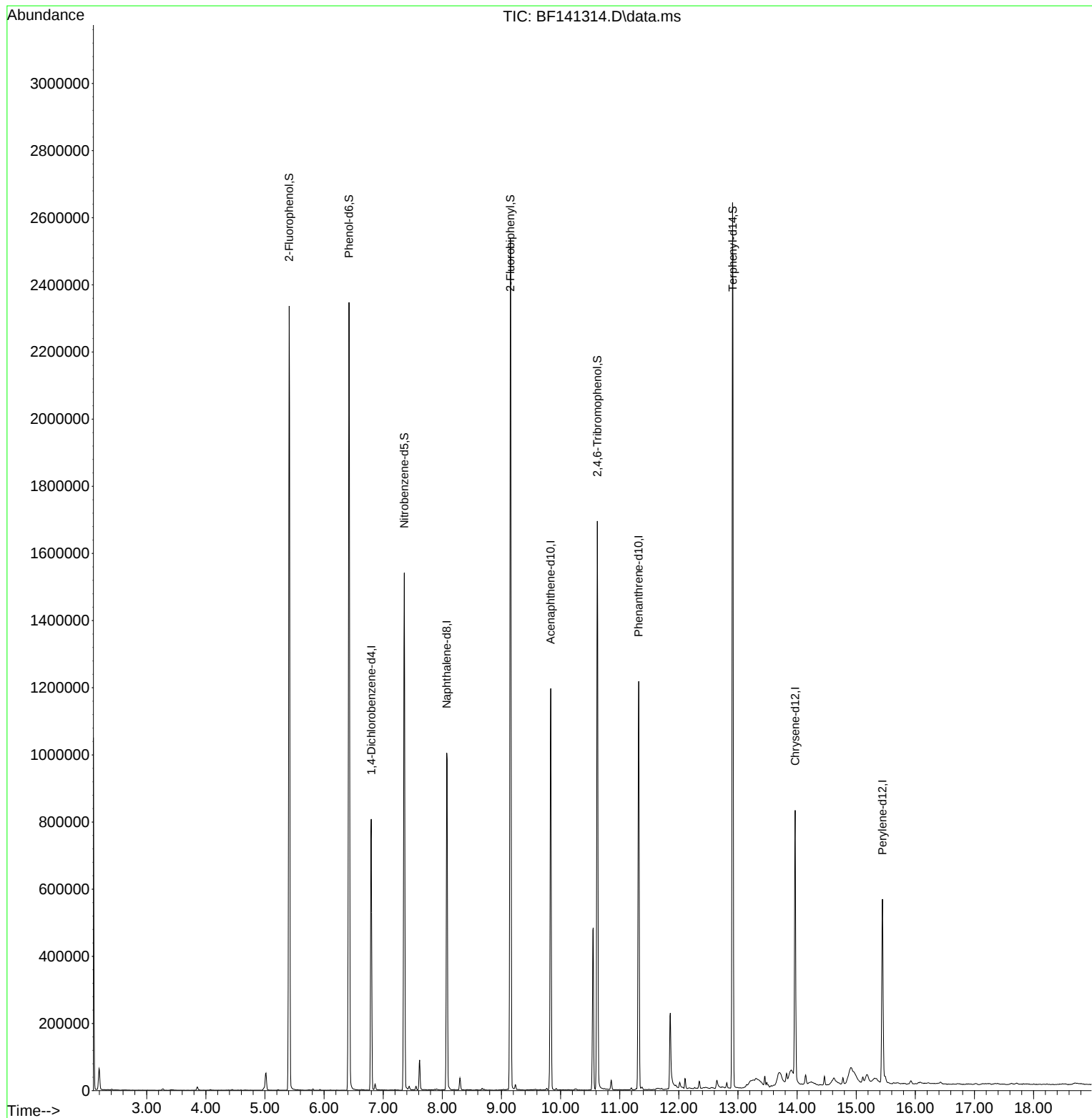
Target Compounds	Qvalue

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

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Misc :
ALS Vial : 15 Sample Multiplier: 1

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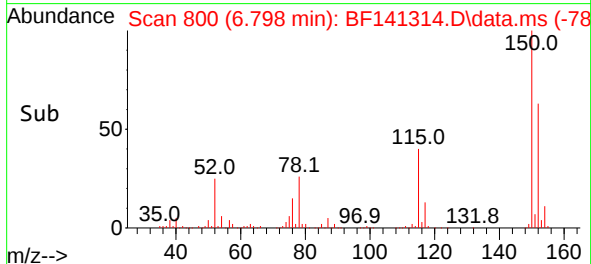
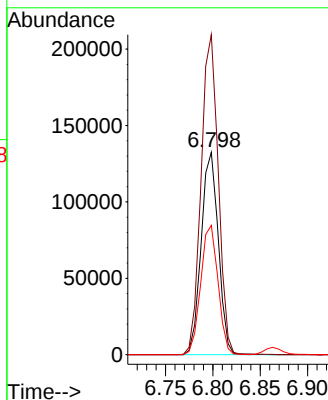
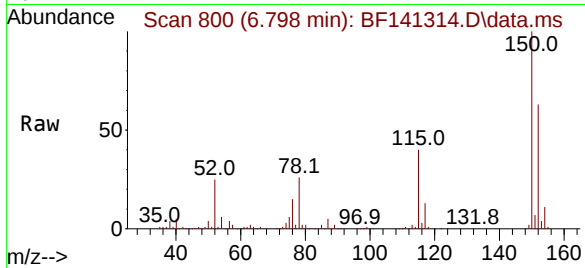




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 800
 Delta R.T. -0.006 min
 Lab File: BF141314.D
 Acq: 30 Jan 2025 15:37

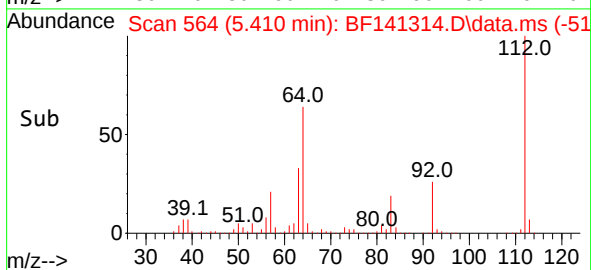
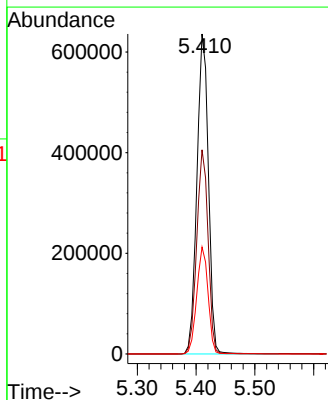
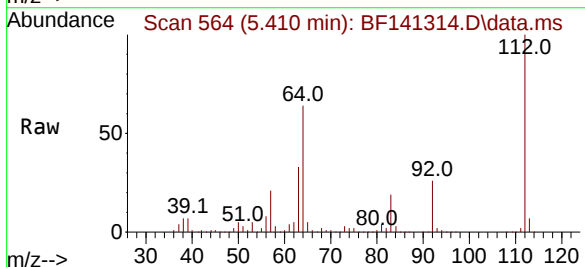
Instrument :
 BNA_F
 ClientSampleId :
 WC-5

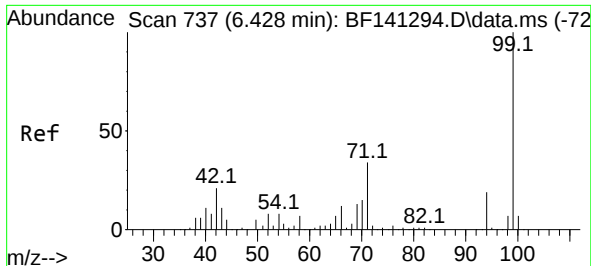
Tgt Ion:152 Resp: 166760
 Ion Ratio Lower Upper
 152 100
 150 158.1 125.9 188.9
 115 63.9 49.7 74.5



#5
 2-Fluorophenol
 Concen: 79.409 ng
 RT: 5.410 min Scan# 564
 Delta R.T. -0.000 min
 Lab File: BF141314.D
 Acq: 30 Jan 2025 15:37

Tgt Ion:112 Resp: 862573
 Ion Ratio Lower Upper
 112 100
 64 63.8 49.8 74.8
 63 33.4 26.1 39.1

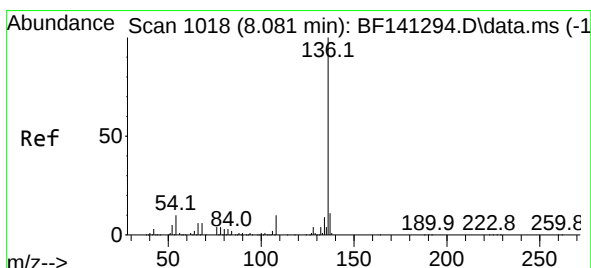
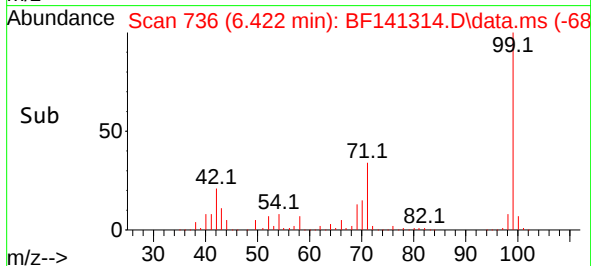
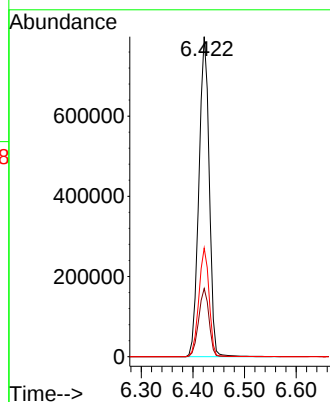
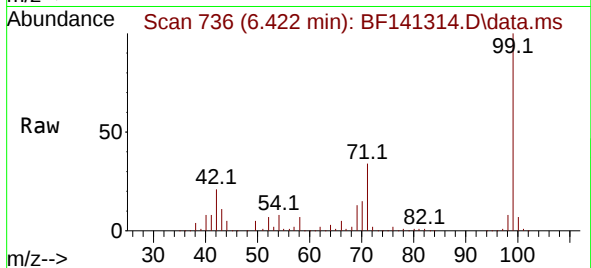




#7
Phenol-d6
Concen: 80.210 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF141314.D
Acq: 30 Jan 2025 15:37

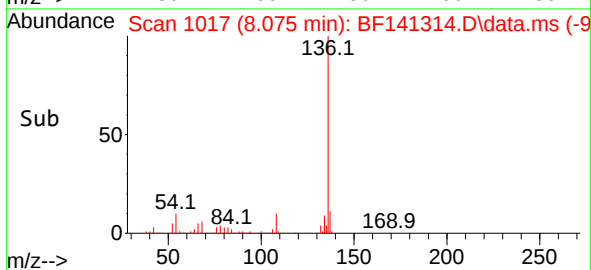
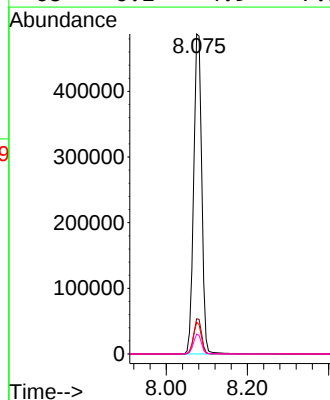
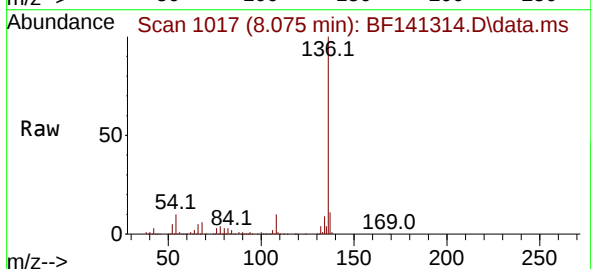
Instrument :
BNA_F
ClientSampleId :
WC-5

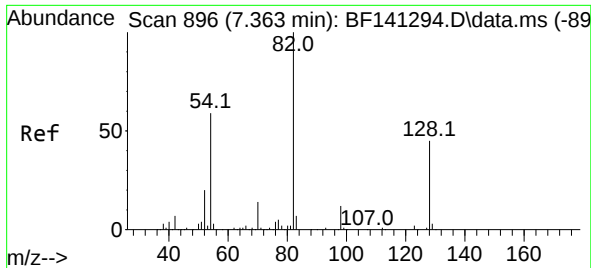
Tgt Ion: 99 Resp: 1108371
Ion Ratio Lower Upper
99 100
42 21.3 17.1 25.7
71 34.0 26.9 40.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF141314.D
Acq: 30 Jan 2025 15:37

Tgt Ion: 136 Resp: 673283
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.9 7.8 11.8
68 6.2 4.9 7.3

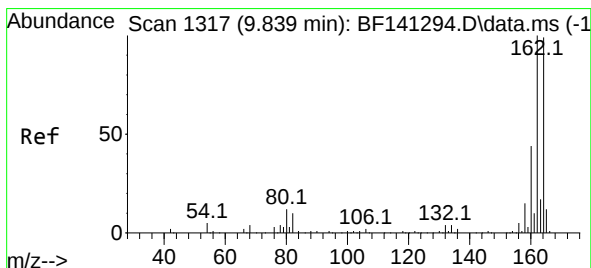
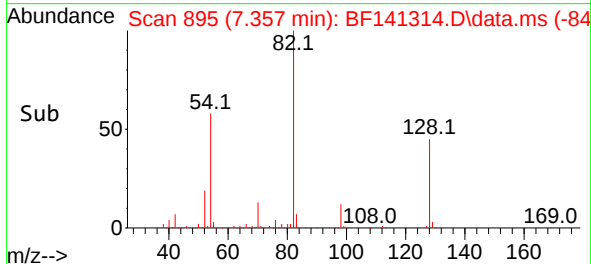
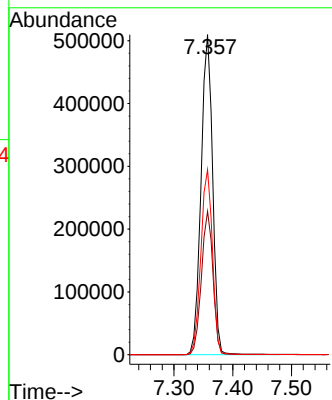
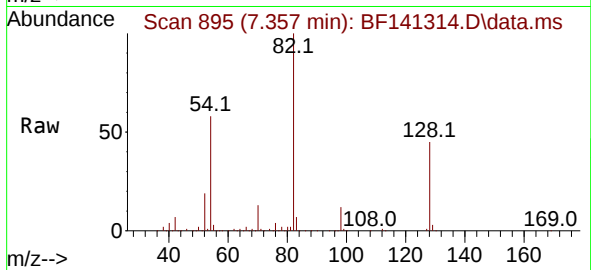




#23
Nitrobenzene-d5
Concen: 54.362 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF141314.D
Acq: 30 Jan 2025 15:37

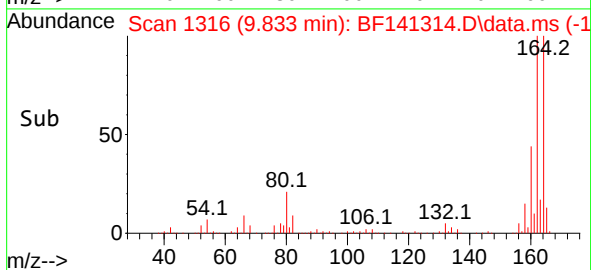
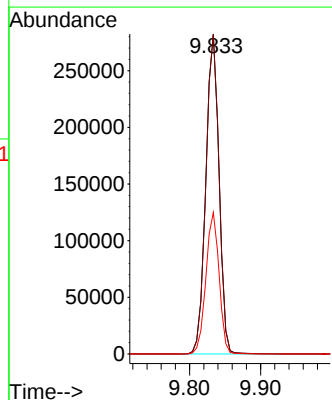
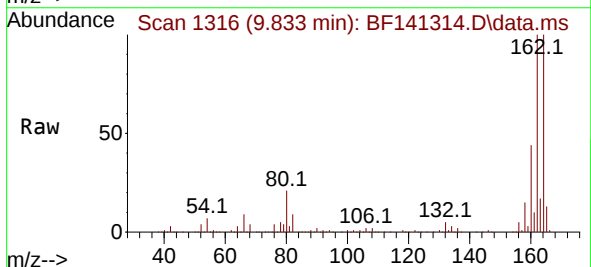
Instrument :
BNA_F
ClientSampleId :
WC-5

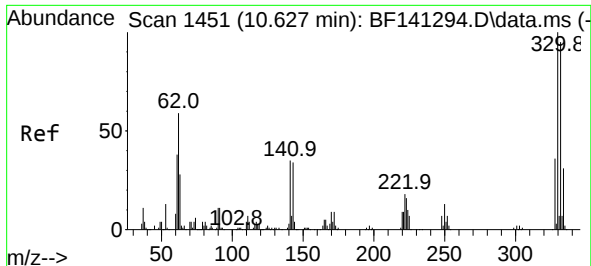
Tgt Ion: 82 Resp: 694302
Ion Ratio Lower Upper
82 100
128 44.8 35.7 53.5
54 57.8 47.1 70.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF141314.D
Acq: 30 Jan 2025 15:37

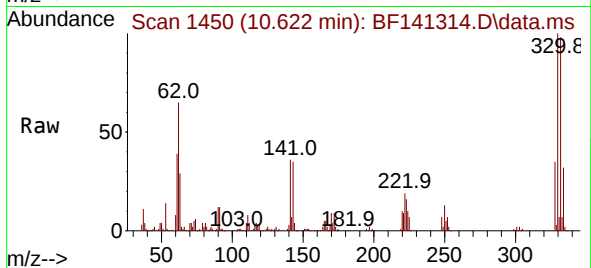
Tgt Ion: 164 Resp: 365028
Ion Ratio Lower Upper
164 100
162 100.3 80.6 121.0
160 44.3 35.8 53.6



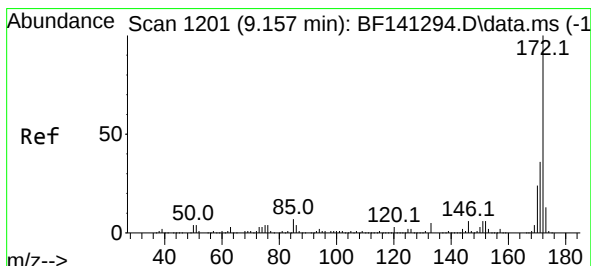
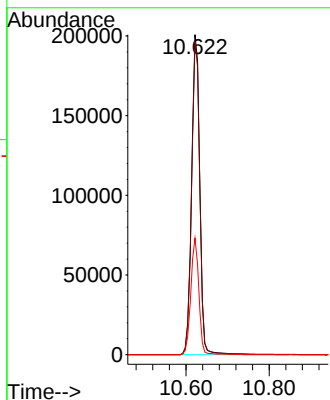
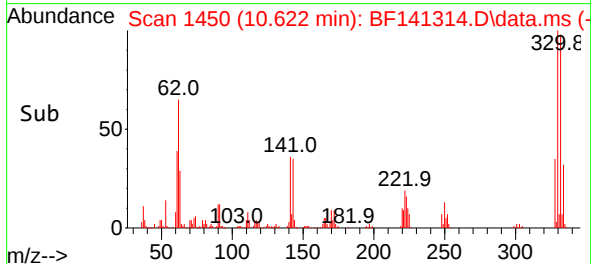


#42
2,4,6-Tribromophenol
Concen: 81.847 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF141314.D
Acq: 30 Jan 2025 15:37

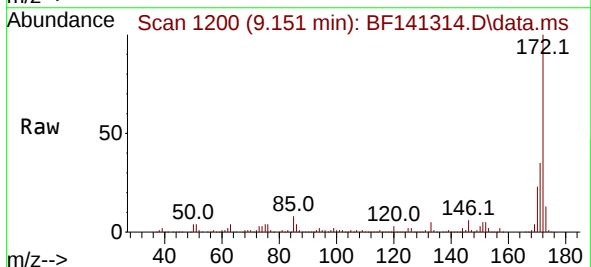
Instrument :
BNA_F
ClientSampleId :
WC-5



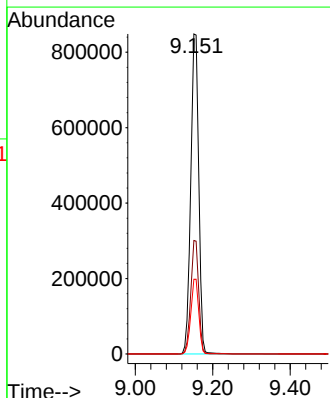
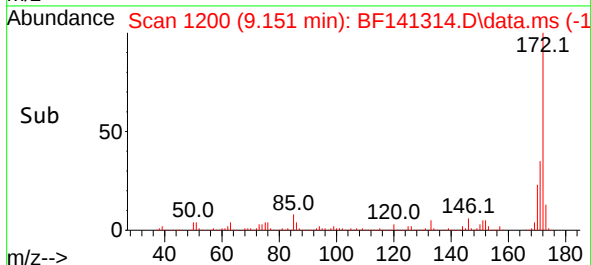
Tgt Ion: 330 Resp: 273898
Ion Ratio Lower Upper
330 100
332 97.3 76.1 114.1
141 35.8 28.8 43.2

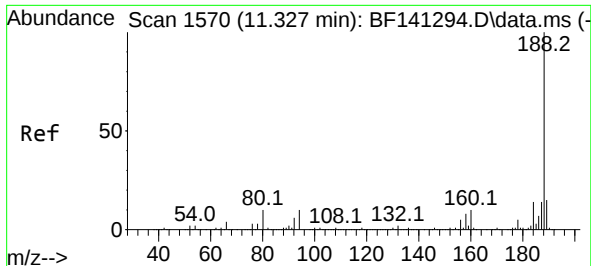


#45
2-Fluorobiphenyl
Concen: 51.231 ng
RT: 9.151 min Scan# 1200
Delta R.T. -0.012 min
Lab File: BF141314.D
Acq: 30 Jan 2025 15:37



Tgt Ion: 172 Resp: 1214962
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 23.4 19.0 28.6

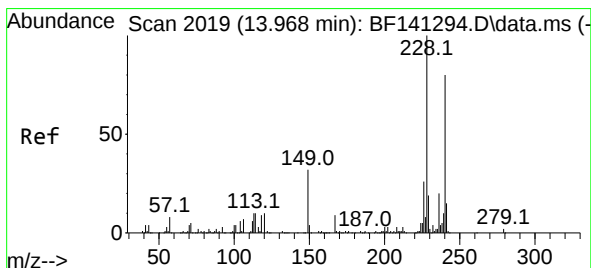
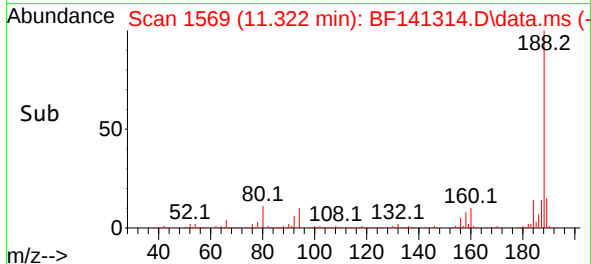
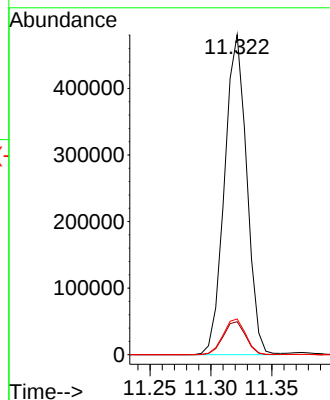
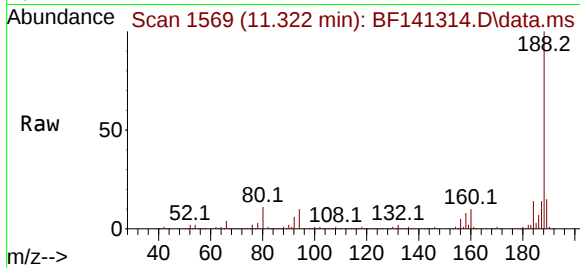




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141314.D
Acq: 30 Jan 2025 15:37

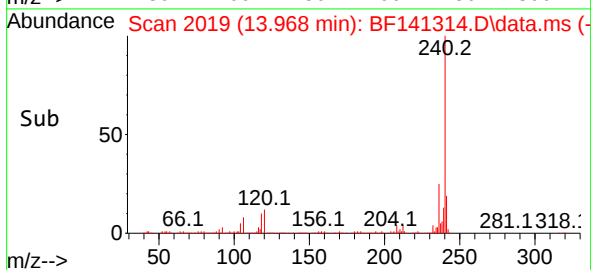
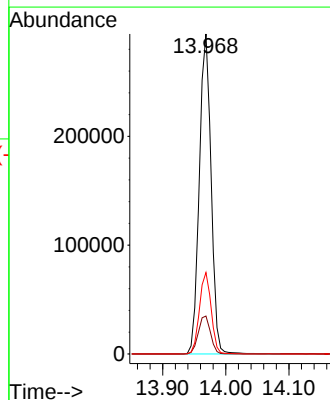
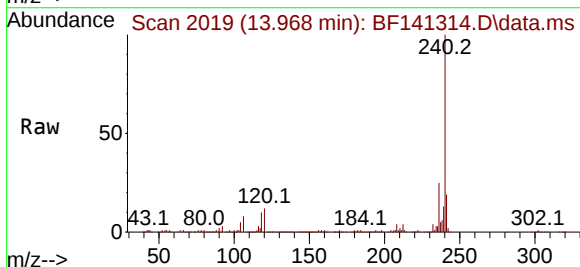
Instrument :
BNA_F
ClientSampleId :
WC-5

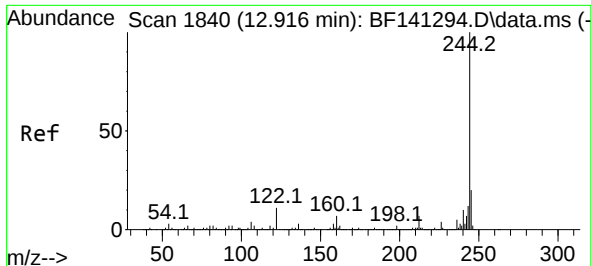
Tgt Ion:188 Resp: 610253
Ion Ratio Lower Upper
188 100
94 10.3 7.8 11.6
80 11.1 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF141314.D
Acq: 30 Jan 2025 15:37

Tgt Ion:240 Resp: 380113
Ion Ratio Lower Upper
240 100
120 11.9 10.0 15.0
236 25.4 19.7 29.5

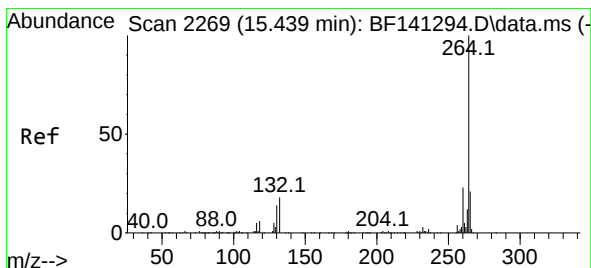
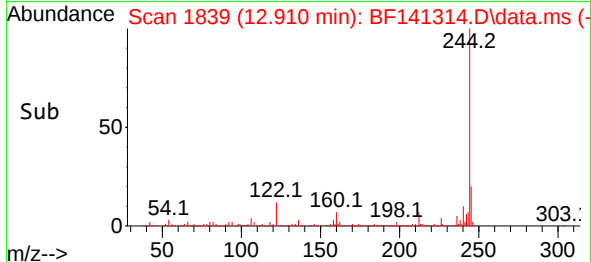
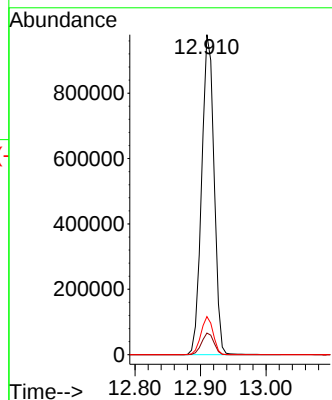
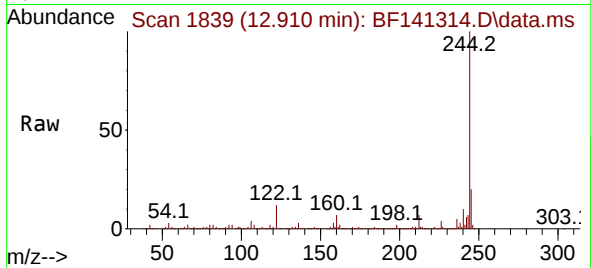




#79
 Terphenyl-d14
 Concen: 52.541 ng
 RT: 12.910 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF141314.D
 Acq: 30 Jan 2025 15:37

Instrument :
 BNA_F
 ClientSampleId :
 WC-5

Tgt Ion:244 Resp: 1295018
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.9 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2270
 Delta R.T. 0.006 min
 Lab File: BF141314.D
 Acq: 30 Jan 2025 15:37

Tgt Ion:264 Resp: 313598
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 27.8
 265 21.3 16.7 25.1

