

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
 Data File : BF141209.D
 Acq On : 17 Jan 2025 22:30
 Operator : RC/JU
 Sample : Q1115-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11995

Quant Time: Jan 17 23:13:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

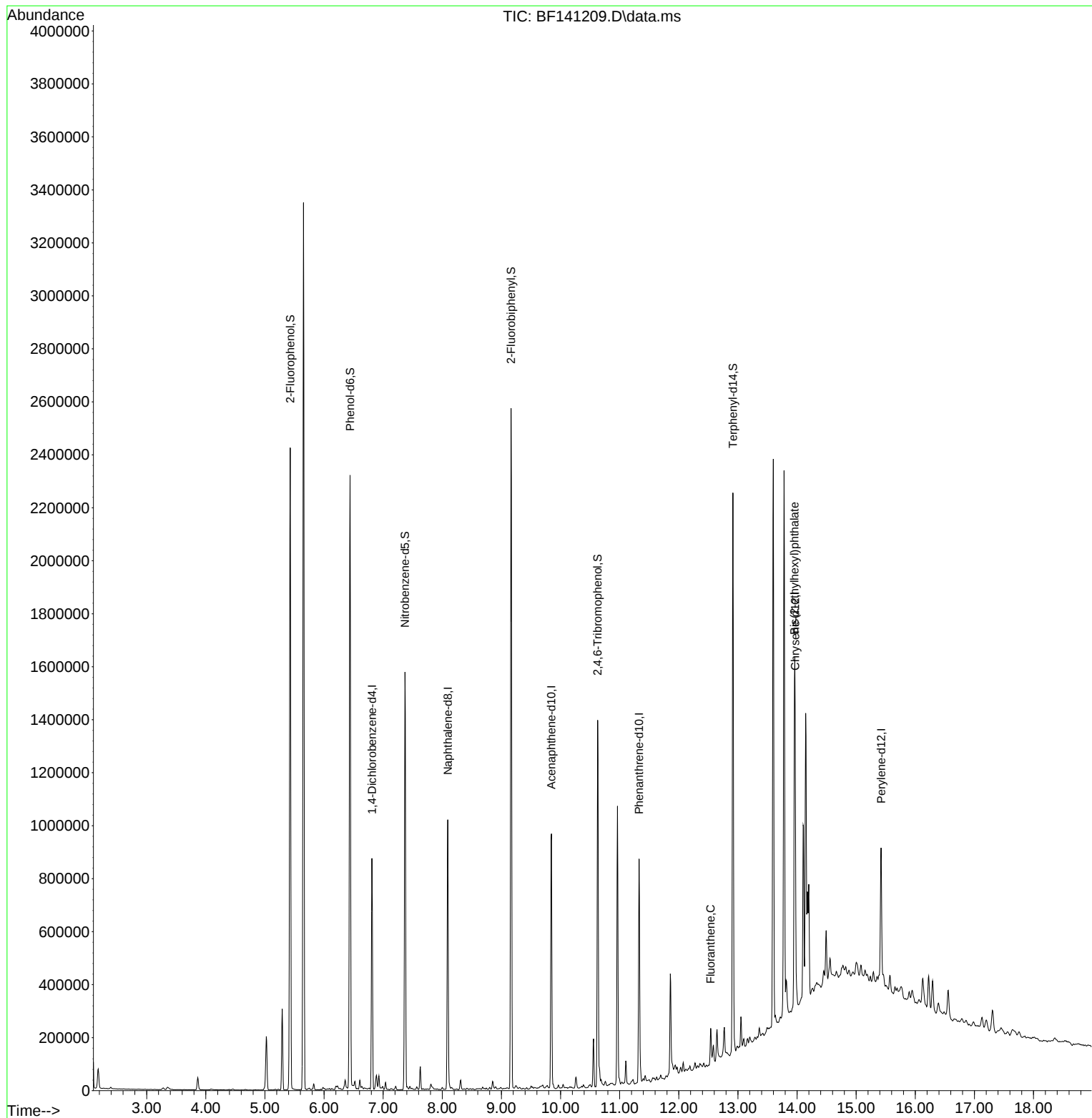
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	176911	20.000	ng	-0.01
21) Naphthalene-d8	8.092	136	632694	20.000	ng	-0.01
39) Acenaphthene-d10	9.845	164	276436	20.000	ng	-0.02
64) Phenanthrene-d10	11.327	188	414084	20.000	ng	-0.02
76) Chrysene-d12	13.969	240	387045	20.000	ng	-0.02
86) Perylene-d12	15.421	264	303043	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	935888	81.723	ng	0.00
7) Phenol-d6	6.440	99	1122175	77.357	ng	0.00
23) Nitrobenzene-d5	7.369	82	707122	59.244	ng	-0.02
42) 2,4,6-Tribromophenol	10.628	330	245146	77.829	ng	-0.02
45) 2-Fluorobiphenyl	9.163	172	1115078	61.597	ng	-0.02
79) Terphenyl-d14	12.916	244	1023101	39.288	ng	-0.02
Target Compounds						
75) Fluoranthene	12.539	202	74127	3.341	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	339314	22.944	ng	100

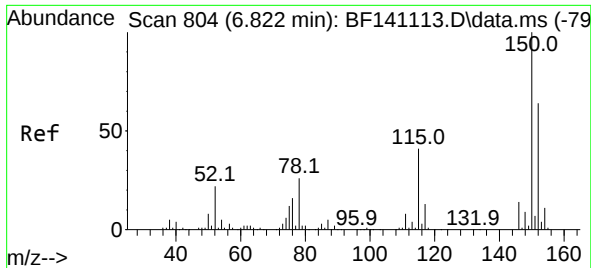
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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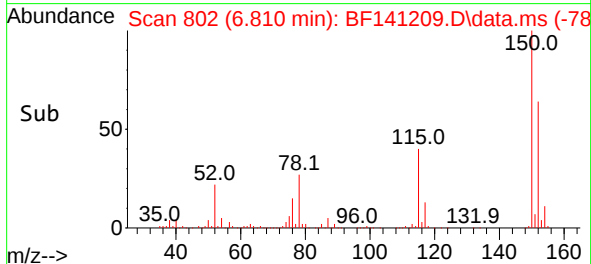
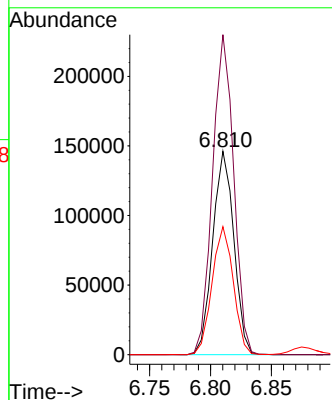
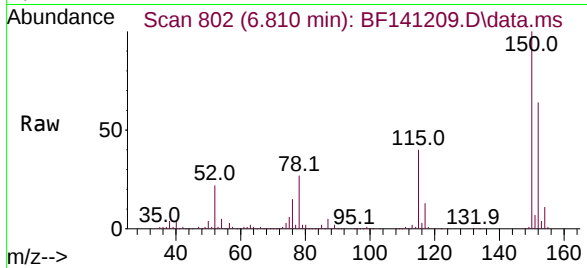




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.012 min
Lab File: BF141209.D
Acq: 17 Jan 2025 22:30

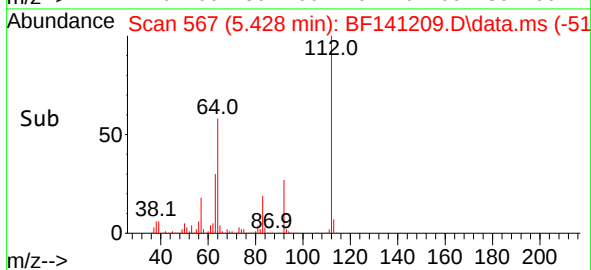
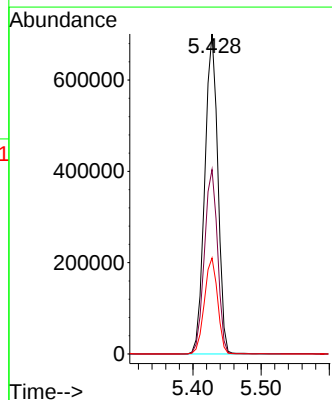
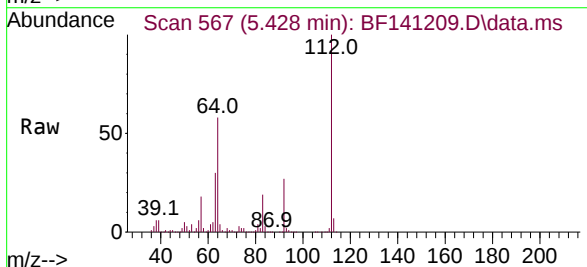
Instrument :
BNA_F
ClientSampleId :
72-11995

Tgt Ion:152 Resp: 176911
Ion Ratio Lower Upper
152 100
150 157.4 125.8 188.8
115 63.0 51.4 77.2



#5
2-Fluorophenol
Concen: 81.723 ng
RT: 5.428 min Scan# 567
Delta R.T. 0.000 min
Lab File: BF141209.D
Acq: 17 Jan 2025 22:30

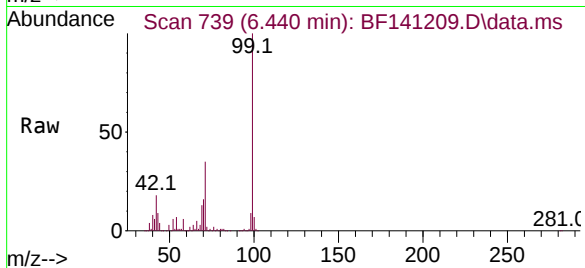
Tgt Ion:112 Resp: 935888
Ion Ratio Lower Upper
112 100
64 57.7 47.3 70.9
63 30.0 24.2 36.2





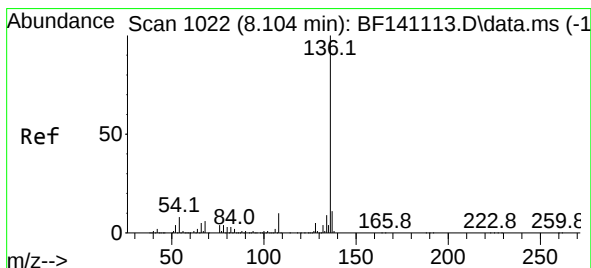
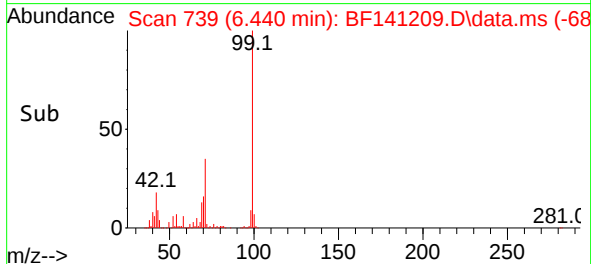
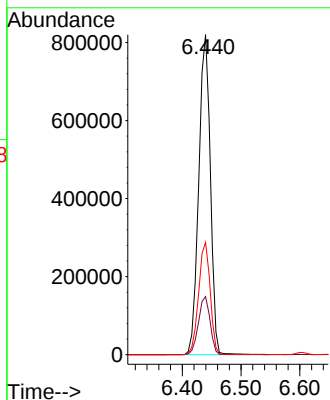
#7
Phenol-d6
Concen: 77.357 ng
RT: 6.440 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141209.D
Acq: 17 Jan 2025 22:30

Instrument :
BNA_F
ClientSampleId :
72-11995



Tgt Ion: 99 Resp: 1122175

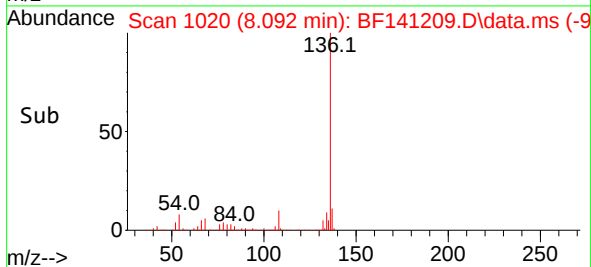
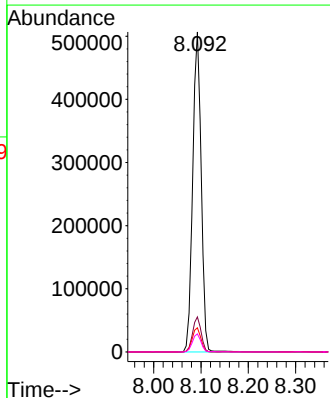
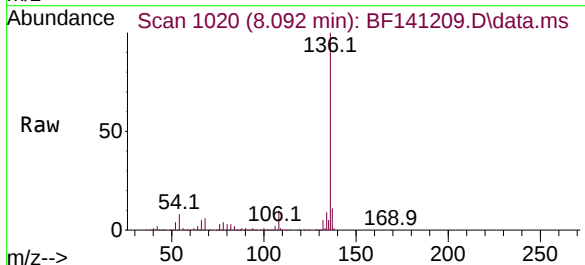
Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.0	22.4
71	35.1	27.6	41.4

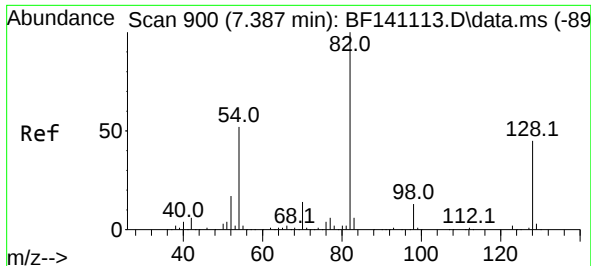


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BF141209.D
Acq: 17 Jan 2025 22:30

Tgt Ion: 136 Resp: 632694

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.6	6.3	9.5
68	5.6	4.9	7.3

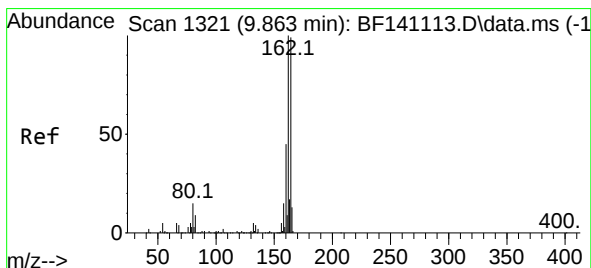
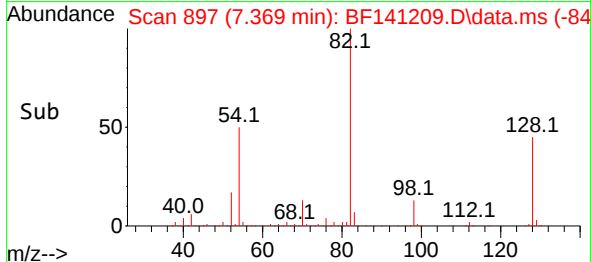
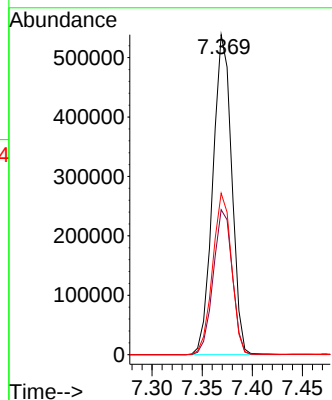
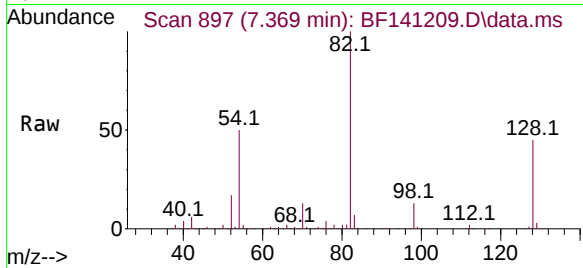




#23
 Nitrobenzene-d5
 Concen: 59.244 ng
 RT: 7.369 min Scan# 89
 Delta R.T. -0.018 min
 Lab File: BF141209.D
 Acq: 17 Jan 2025 22:30

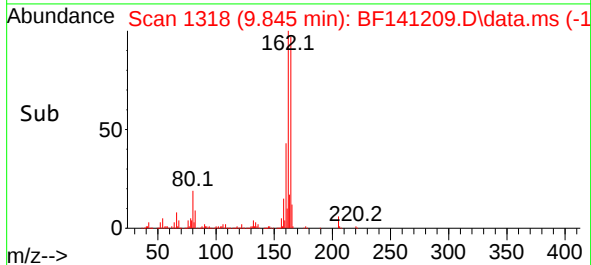
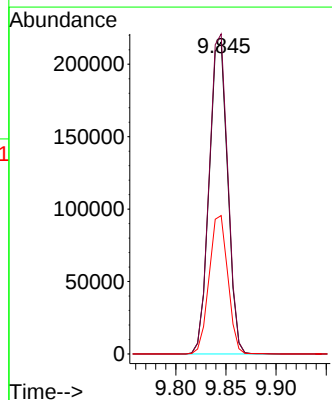
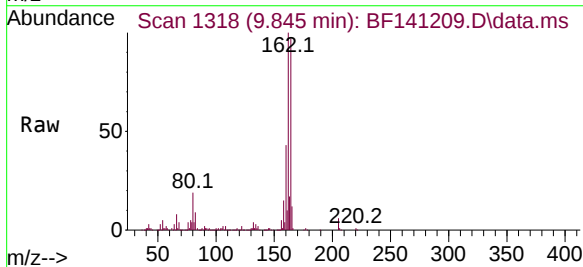
Instrument :
 BNA_F
 ClientSampleId :
 72-11995

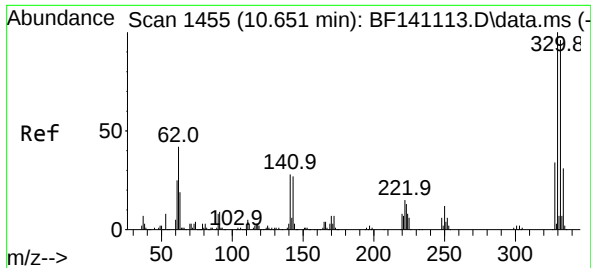
Tgt Ion: 82 Resp: 707122
 Ion Ratio Lower Upper
 82 100
 128 45.3 36.1 54.1
 54 50.5 41.0 61.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.845 min Scan# 1318
 Delta R.T. -0.018 min
 Lab File: BF141209.D
 Acq: 17 Jan 2025 22:30

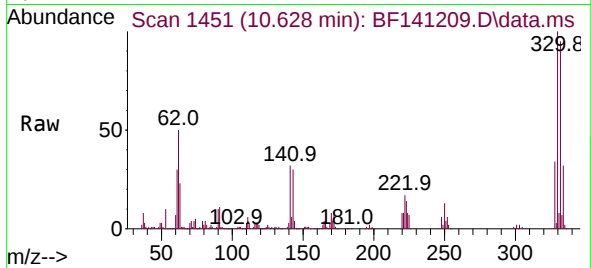
Tgt Ion:164 Resp: 276436
 Ion Ratio Lower Upper
 164 100
 162 102.6 81.0 121.4
 160 44.4 36.1 54.1



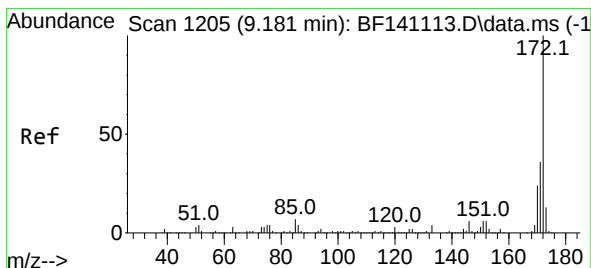
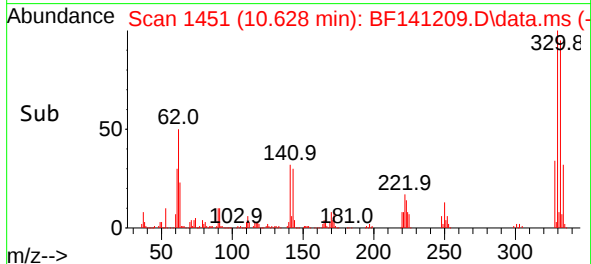
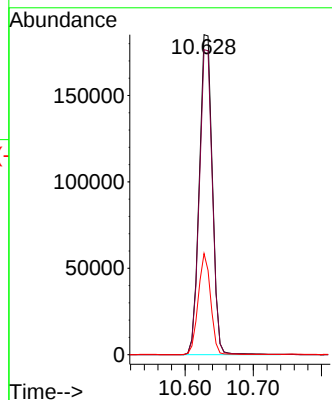


#42
2,4,6-Tribromophenol
Concen: 77.829 ng
RT: 10.628 min Scan# 1451
Delta R.T. -0.024 min
Lab File: BF141209.D
Acq: 17 Jan 2025 22:30

Instrument :
BNA_F
ClientSampleId :
72-11995

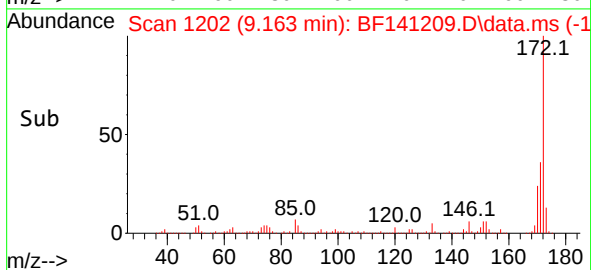
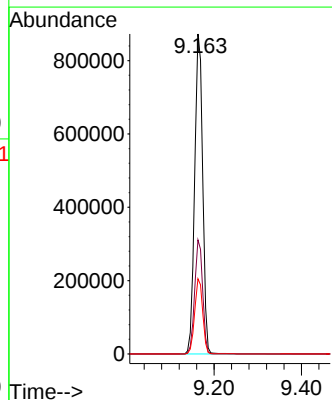
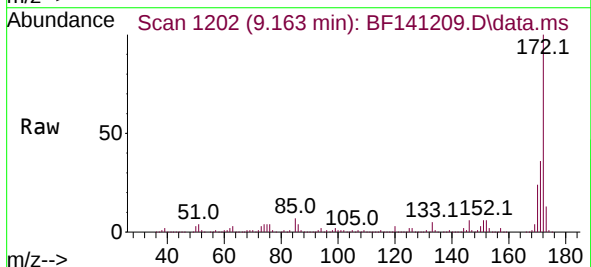


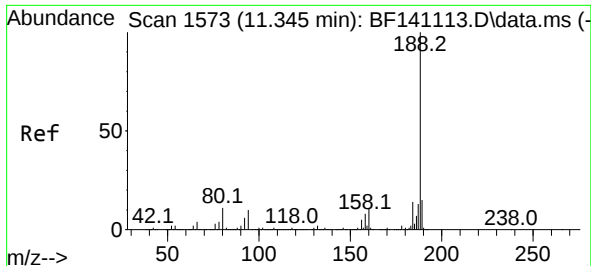
Tgt Ion:330 Resp: 245146
Ion Ratio Lower Upper
330 100
332 95.4 76.9 115.3
141 30.3 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 61.597 ng
RT: 9.163 min Scan# 1202
Delta R.T. -0.018 min
Lab File: BF141209.D
Acq: 17 Jan 2025 22:30

Tgt Ion:172 Resp: 1115078
Ion Ratio Lower Upper
172 100
171 35.7 28.7 43.1
170 23.5 19.0 28.6

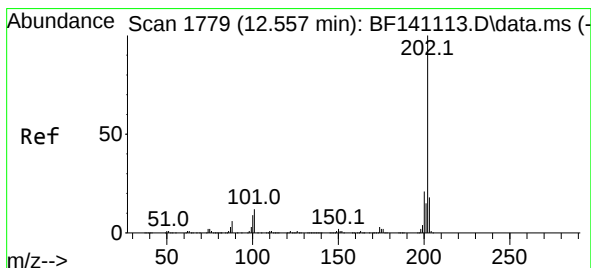
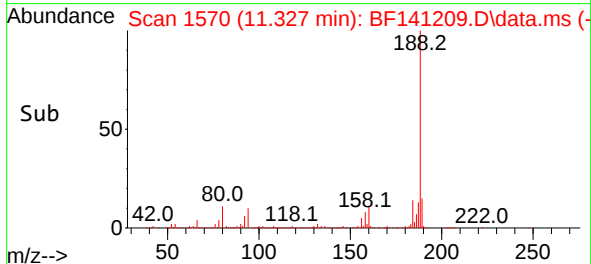
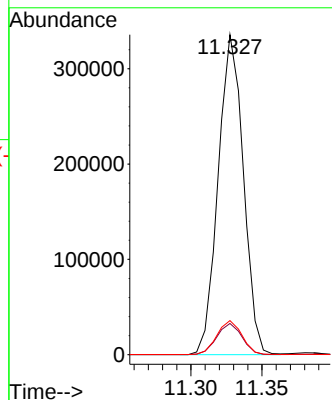
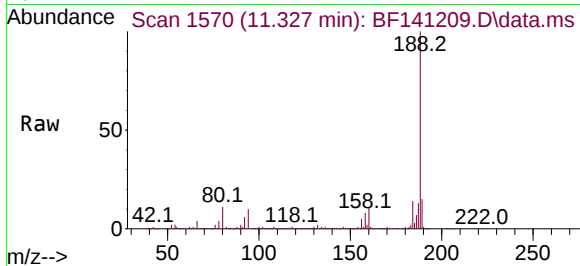




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141209.D
Acq: 17 Jan 2025 22:30

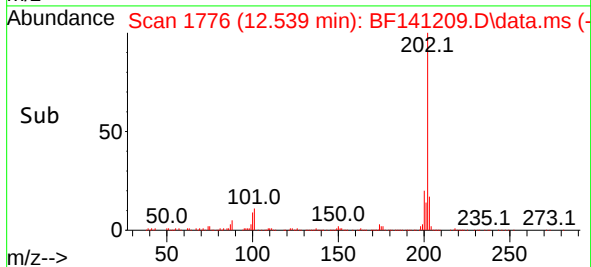
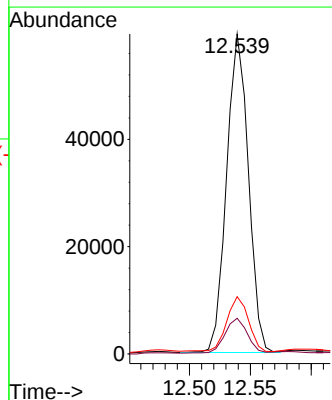
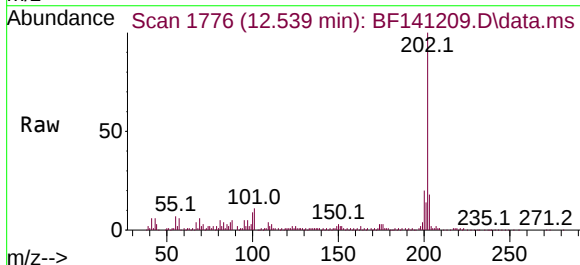
Instrument :
BNA_F
ClientSampleId :
72-11995

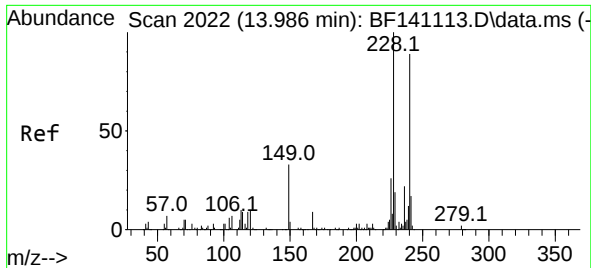
Tgt Ion:188 Resp: 414084
Ion Ratio Lower Upper
188 100
94 9.7 8.3 12.5
80 10.7 9.0 13.4



#75
Fluoranthene
Concen: 3.341 ng
RT: 12.539 min Scan# 1776
Delta R.T. -0.018 min
Lab File: BF141209.D
Acq: 17 Jan 2025 22:30

Tgt Ion:202 Resp: 74127
Ion Ratio Lower Upper
202 100
101 11.1 0.0 32.3
203 17.9 0.0 37.7

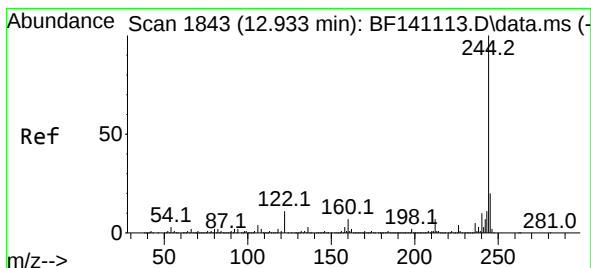
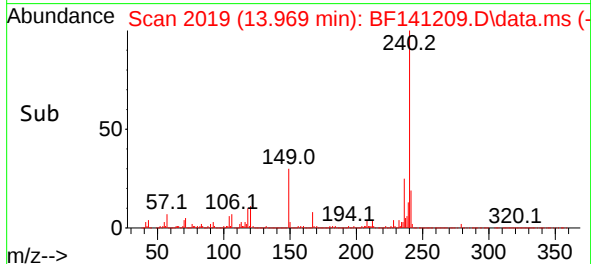
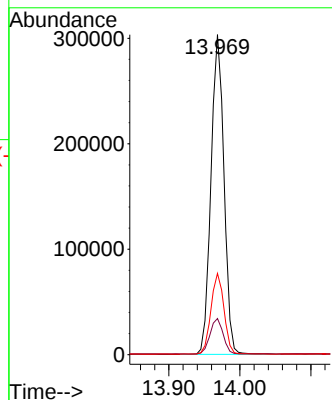
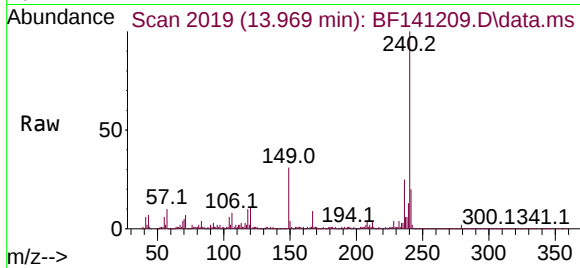




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 20
Delta R.T. -0.018 min
Lab File: BF141209.D
Acq: 17 Jan 2025 22:30

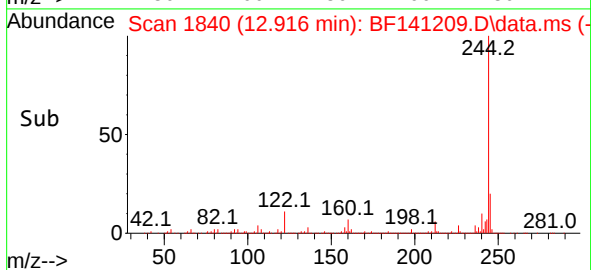
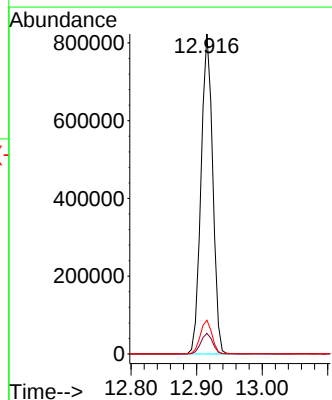
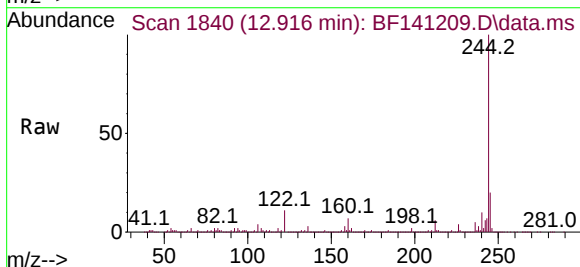
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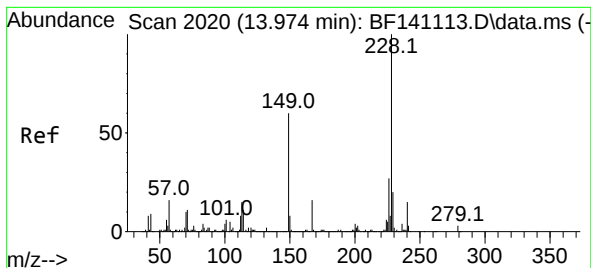
Tgt Ion:240 Resp: 387045
Ion Ratio Lower Upper
240 100
120 11.3 9.1 13.7
236 25.4 19.8 29.6



#79
Terphenyl-d14
Concen: 39.288 ng
RT: 12.916 min Scan# 1840
Delta R.T. -0.018 min
Lab File: BF141209.D
Acq: 17 Jan 2025 22:30

Tgt Ion:244 Resp: 1023101
Ion Ratio Lower Upper
244 100
212 6.4 5.4 8.2
122 10.5 8.8 13.2

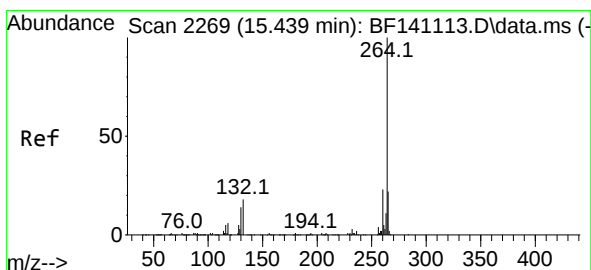
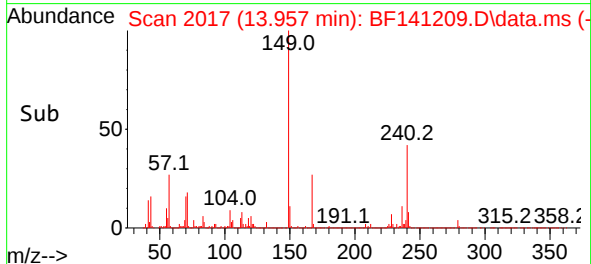
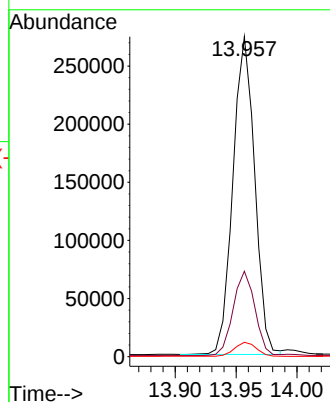
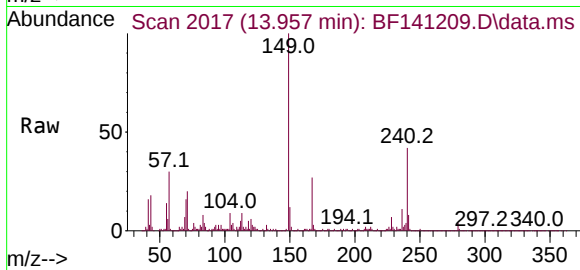




#84
Bis(2-ethylhexyl)phthalate
Concen: 22.944 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF141209.D
Acq: 17 Jan 2025 22:30

Instrument :
BNA_F
ClientSampleId :
72-11995

Tgt Ion:149 Resp: 339314
Ion Ratio Lower Upper
149 100
167 26.7 21.4 32.2
279 4.5 3.4 5.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF141209.D
Acq: 17 Jan 2025 22:30

Tgt Ion:264 Resp: 303043
Ion Ratio Lower Upper
264 100
260 23.3 18.6 28.0
265 22.2 17.4 26.0

