

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012125\
 Data File : BF141234.D
 Acq On : 21 Jan 2025 14:28
 Operator : RC/JU
 Sample : Q1132-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-1-011725

Quant Time: Jan 21 14:56:06 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)

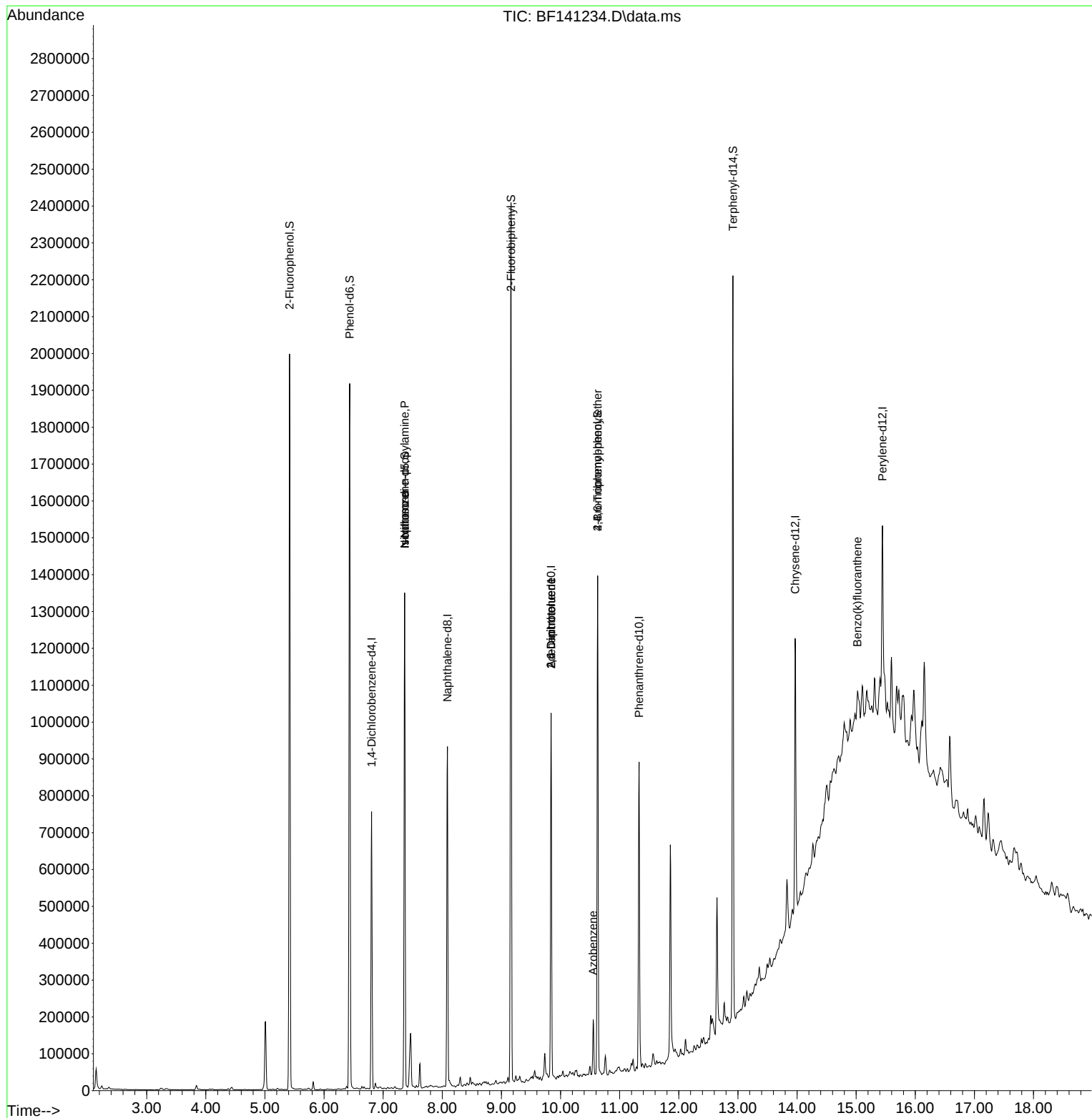
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	153542	20.000	ng	-0.02
21) Naphthalene-d8	8.087	136	581523	20.000	ng	-0.02
39) Acenaphthene-d10	9.839	164	284638	20.000	ng	-0.02
64) Phenanthrene-d10	11.328	188	420070	20.000	ng	-0.02
76) Chrysene-d12	13.969	240	354896	20.000	ng	-0.02
86) Perylene-d12	15.445	264	284702	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	754495	75.911	ng	-0.01
7) Phenol-d6	6.434	99	933231	74.124	ng	-0.01
23) Nitrobenzene-d5	7.363	82	592547	54.013	ng	-0.02
42) 2,4,6-Tribromophenol	10.628	330	235785	72.700	ng	-0.02
45) 2-Fluorobiphenyl	9.163	172	1057386	56.727	ng	-0.02
79) Terphenyl-d14	12.916	244	980933	41.081	ng	-0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.363	70	79177	10.676	ng	# 76
25) Isophorone	7.363	82	588748	31.403	ng	# 65
51) 2,6-Dinitrotoluene	9.839	165	36325	8.175	ng	# 27
57) 2,4-Dinitrotoluene	9.839	165	36325	6.343	ng	# 24
63) Azobenzene	10.551	77	37597	2.042	ng	# 1
67) 4-Bromophenyl-phenylether	10.628	248	14537	3.006	ng	# 1
89) Benzo(k)fluoranthene	15.021	252	33587	2.165	ng	# 21

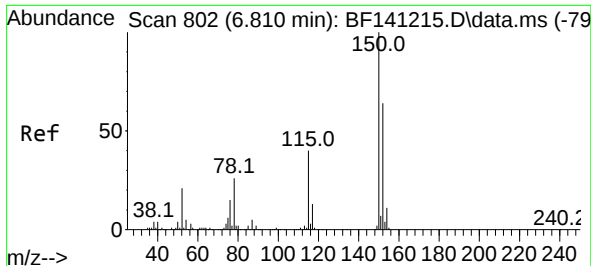
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012125\
Data File : BF141234.D
Acq On : 21 Jan 2025 14:28
Operator : RC/JU
Sample : Q1132-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-1-011725

Quant Time: Jan 21 14:56:06 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

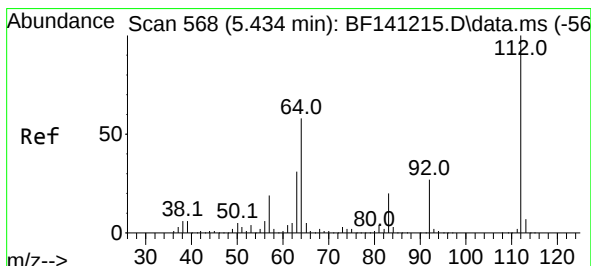
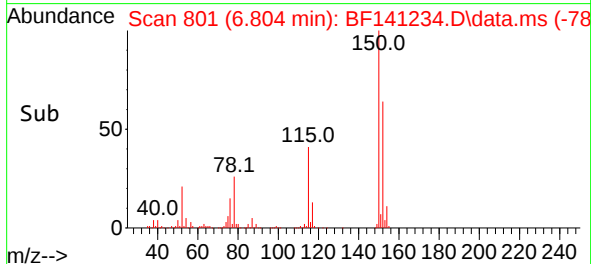
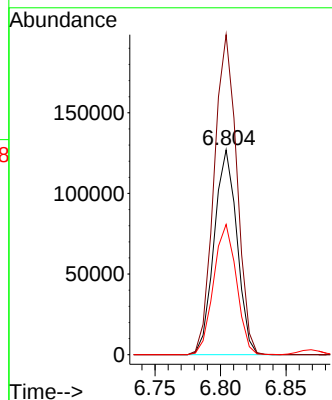
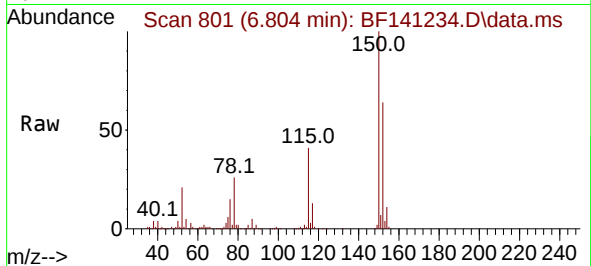




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.018 min
Lab File: BF141234.D
Acq: 21 Jan 2025 14:28

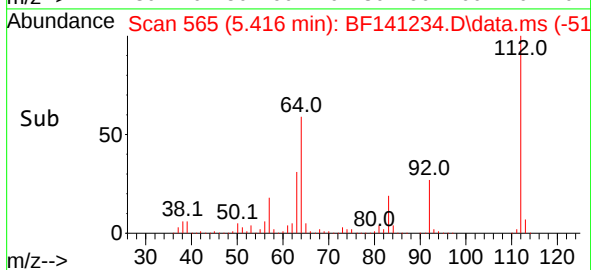
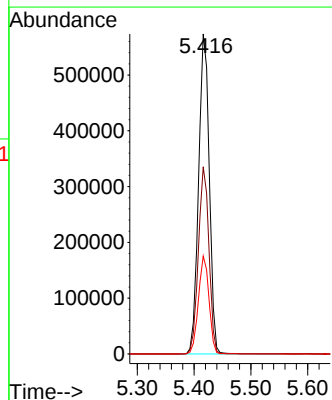
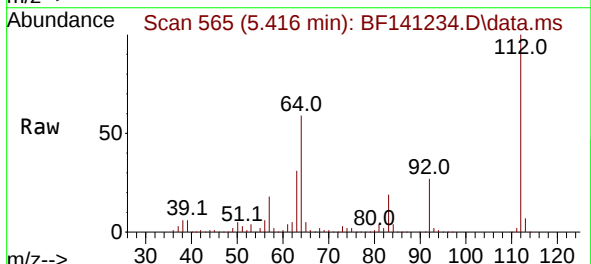
Instrument :
BNA_F
ClientSampleId :
HD-1-011725

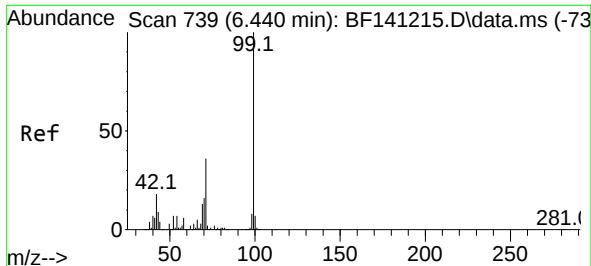
Tgt Ion:152 Resp: 153542
Ion Ratio Lower Upper
152 100
150 156.2 125.8 188.8
115 63.6 51.4 77.2



#5
2-Fluorophenol
Concen: 75.911 ng
RT: 5.416 min Scan# 565
Delta R.T. -0.012 min
Lab File: BF141234.D
Acq: 21 Jan 2025 14:28

Tgt Ion:112 Resp: 754495
Ion Ratio Lower Upper
112 100
64 58.5 47.3 70.9
63 30.6 24.2 36.2





#7
Phenol-d6
Concen: 74.124 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141234.D
Acq: 21 Jan 2025 14:28

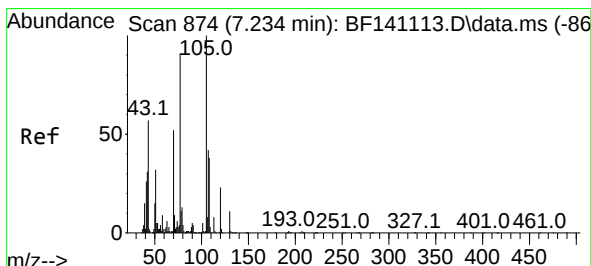
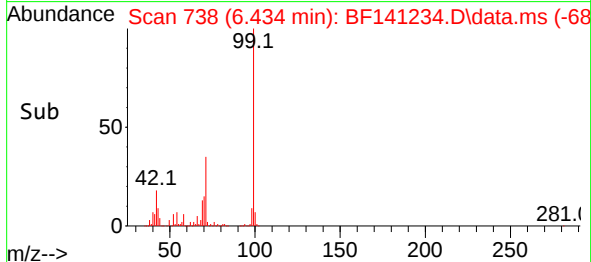
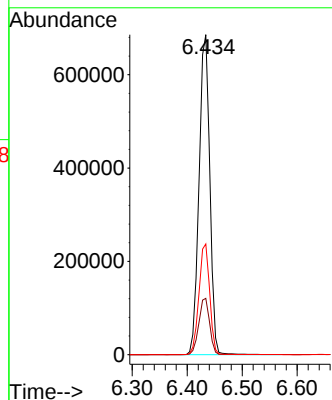
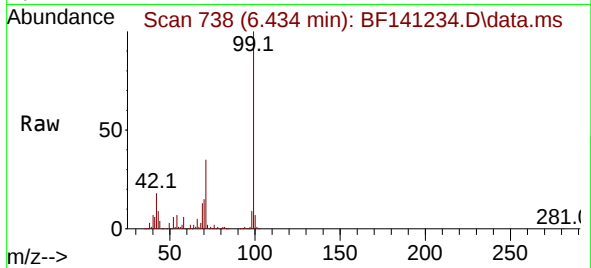
Instrument :

BNA_F

ClientSampleId :

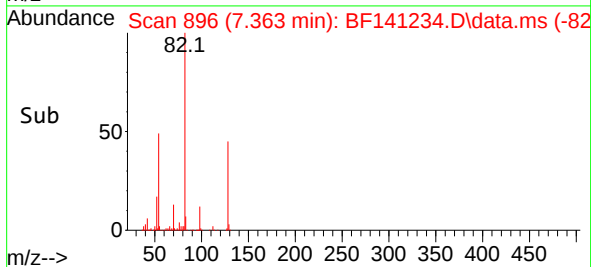
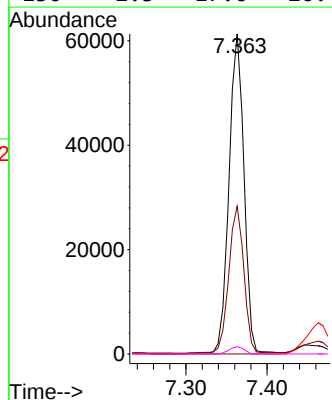
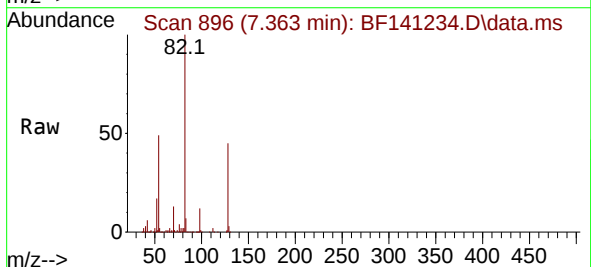
HD-1-011725

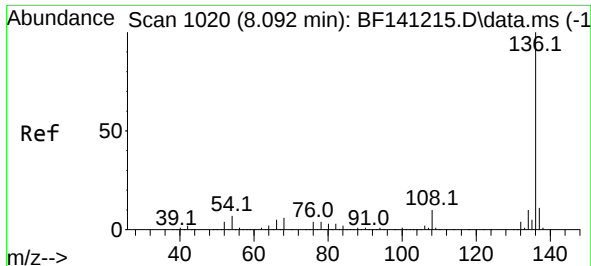
Tgt Ion: 99 Resp: 933231
Ion Ratio Lower Upper
99 100
42 17.6 15.0 22.4
71 34.6 27.6 41.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.676 ng
RT: 7.363 min Scan# 896
Delta R.T. 0.129 min
Lab File: BF141234.D
Acq: 21 Jan 2025 14:28

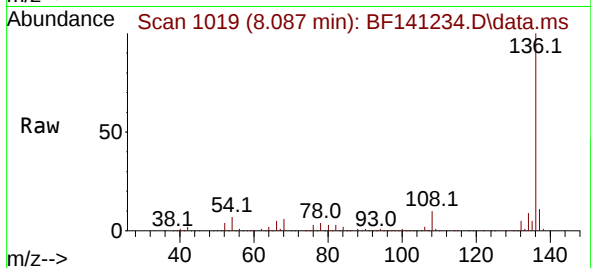
Tgt Ion: 70 Resp: 79177
Ion Ratio Lower Upper
70 100
42 46.2 47.8 71.6#
101 0.0 7.9 11.9#
130 2.3 17.6 26.4#





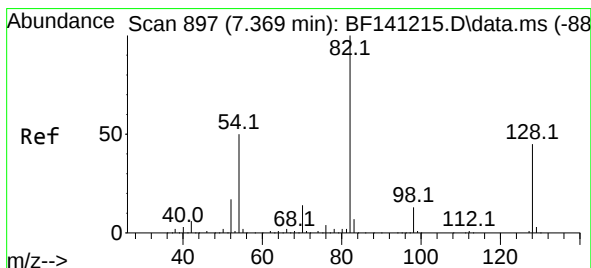
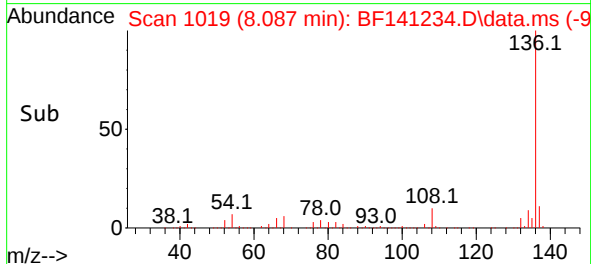
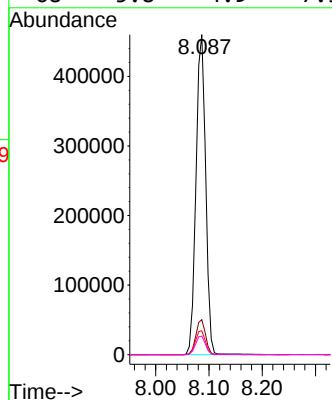
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1019
Delta R.T. -0.018 min
Lab File: BF141234.D
Acq: 21 Jan 2025 14:28

Instrument :
BNA_F
ClientSampleId :
HD-1-011725



Tgt Ion:136 Resp: 581523

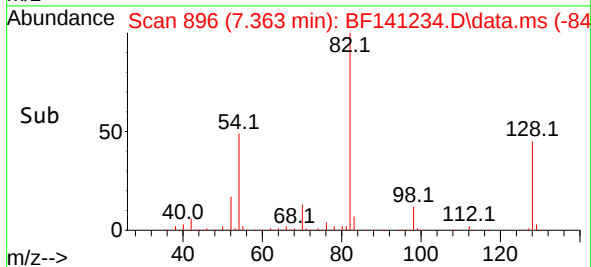
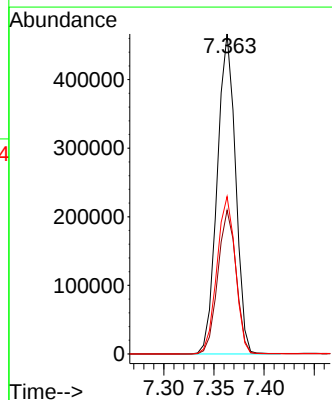
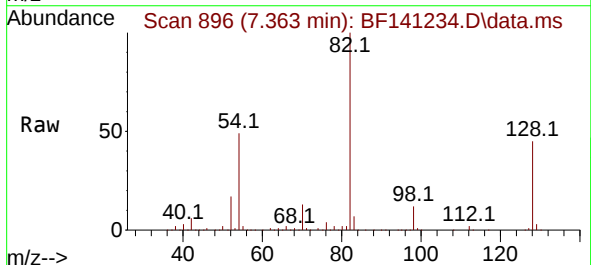
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.5	6.3	9.5
68	5.8	4.9	7.3

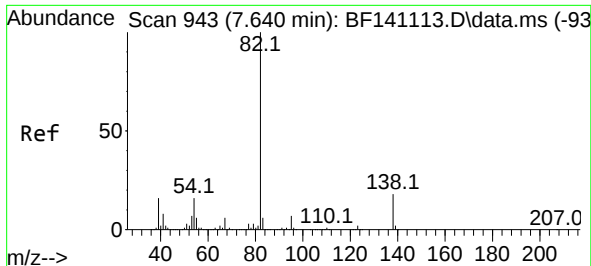


#23
Nitrobenzene-d5
Concen: 54.013 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.023 min
Lab File: BF141234.D
Acq: 21 Jan 2025 14:28

Tgt Ion: 82 Resp: 592547

Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.1	54.1
54	49.2	41.0	61.4

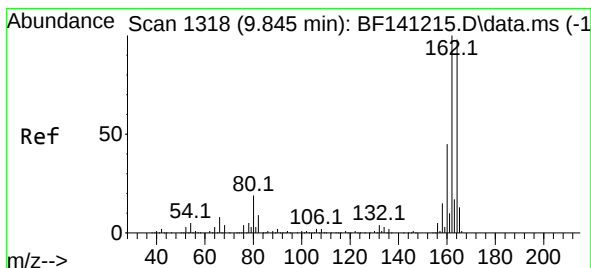
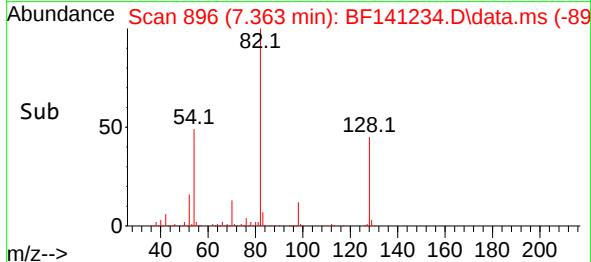
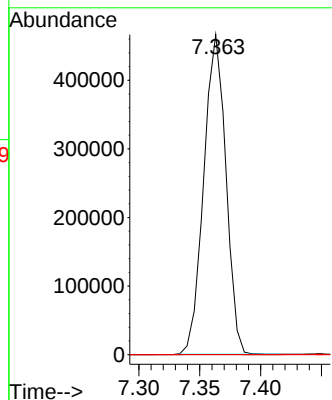
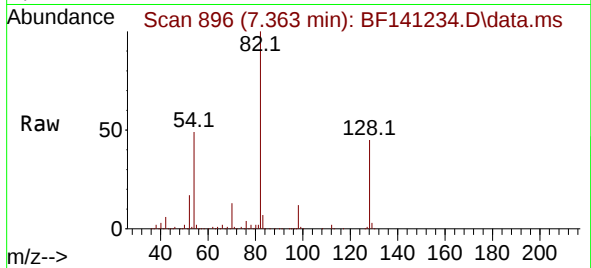




#25
Isophorone
Concen: 31.403 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.276 min
Lab File: BF141234.D
Acq: 21 Jan 2025 14:28

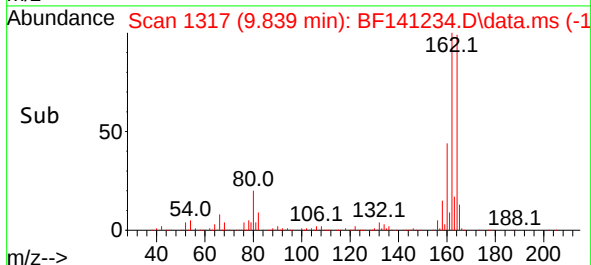
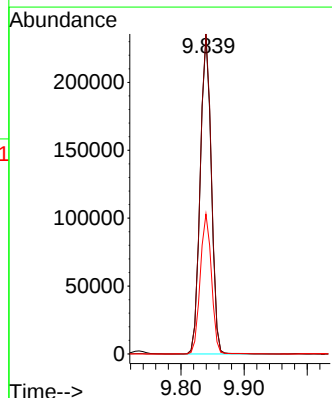
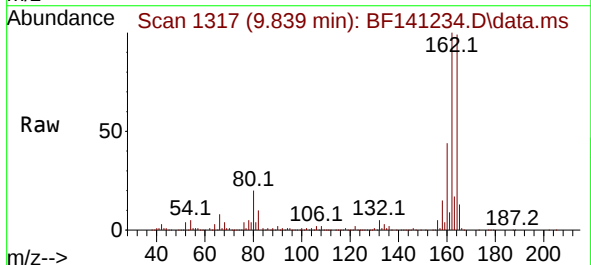
Instrument :
BNA_F
ClientSampleId :
HD-1-011725

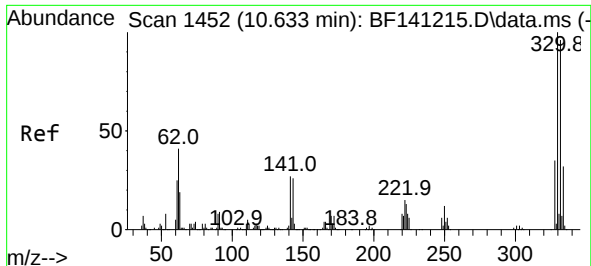
Tgt Ion: 82 Resp: 588748
Ion Ratio Lower Upper
82 100
95 0.1 5.9 8.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1317
Delta R.T. -0.023 min
Lab File: BF141234.D
Acq: 21 Jan 2025 14:28

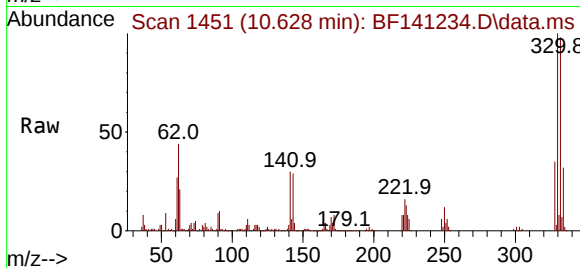
Tgt Ion: 164 Resp: 284638
Ion Ratio Lower Upper
164 100
162 100.8 81.0 121.4
160 44.1 36.1 54.1



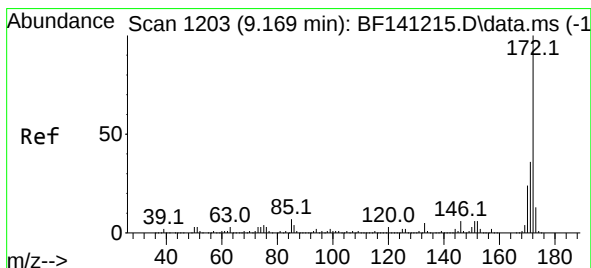
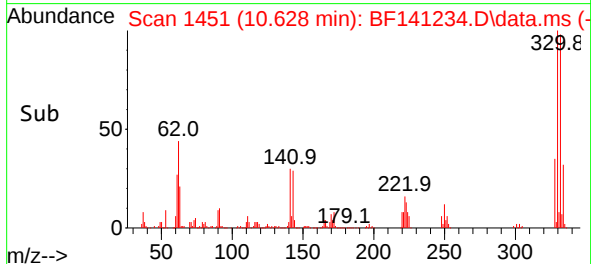
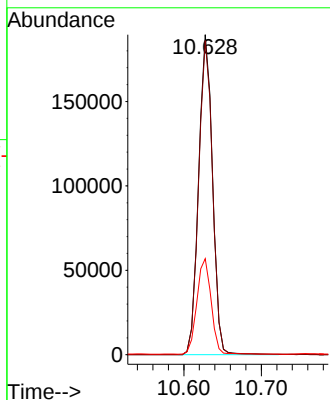


#42
2,4,6-Tribromophenol
Concen: 72.700 ng
RT: 10.628 min Scan# 1451
Delta R.T. -0.024 min
Lab File: BF141234.D
Acq: 21 Jan 2025 14:28

Instrument :
BNA_F
ClientSampleId :
HD-1-011725

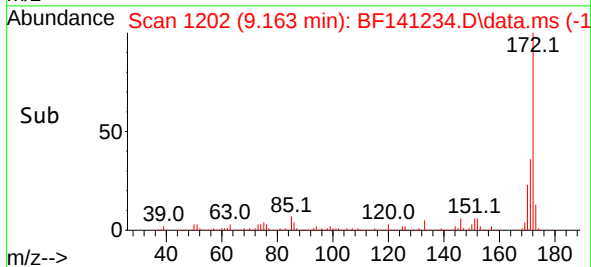
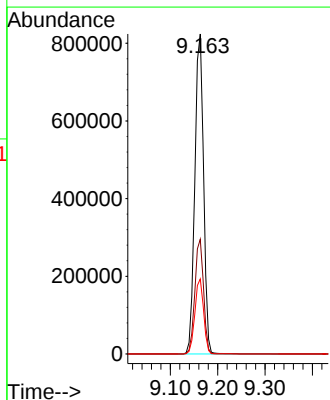
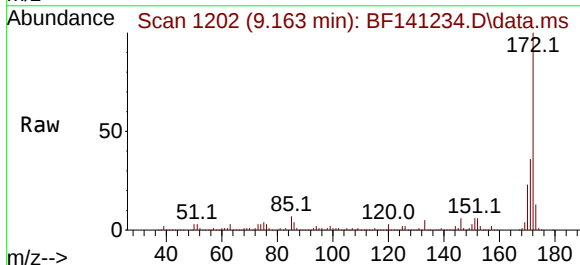


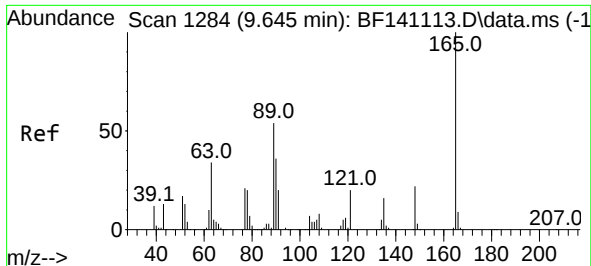
Tgt Ion:330 Resp: 235785
Ion Ratio Lower Upper
330 100
332 98.4 76.9 115.3
141 30.5 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 56.727 ng
RT: 9.163 min Scan# 1202
Delta R.T. -0.018 min
Lab File: BF141234.D
Acq: 21 Jan 2025 14:28

Tgt Ion:172 Resp: 1057386
Ion Ratio Lower Upper
172 100
171 35.8 28.7 43.1
170 23.5 19.0 28.6

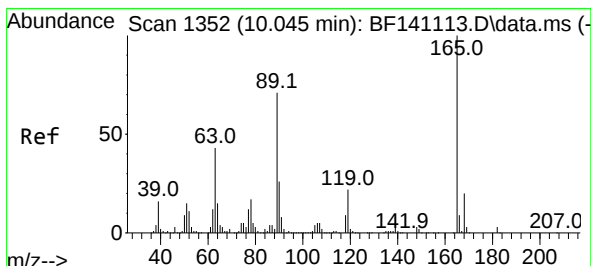
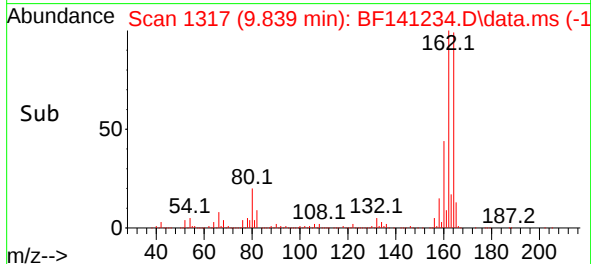
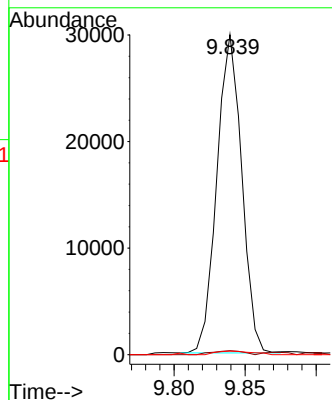
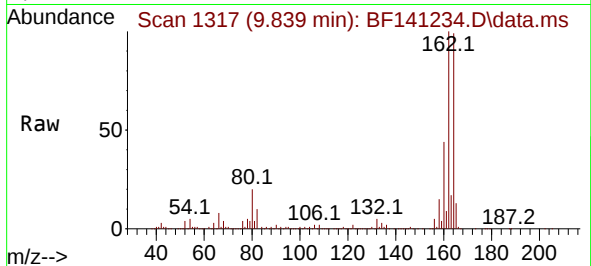




#51
2,6-Dinitrotoluene
Concen: 8.175 ng
RT: 9.839 min Scan# 1317
Delta R.T. 0.194 min
Lab File: BF141234.D
Acq: 21 Jan 2025 14:28

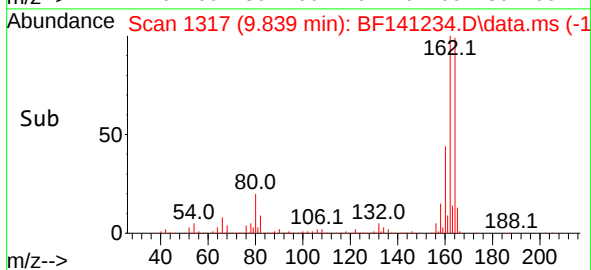
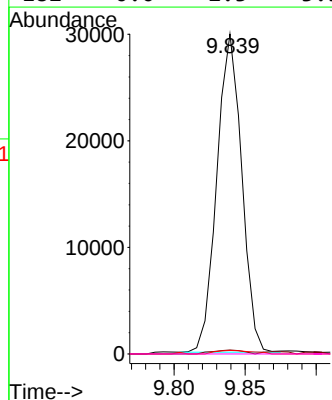
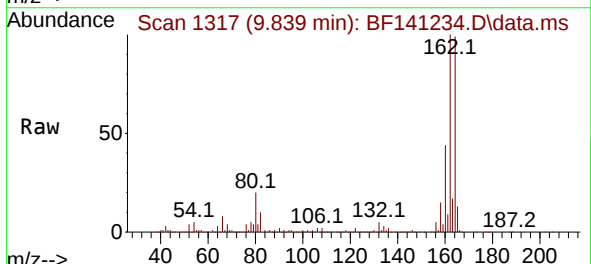
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ClientSampleId :
HD-1-011725

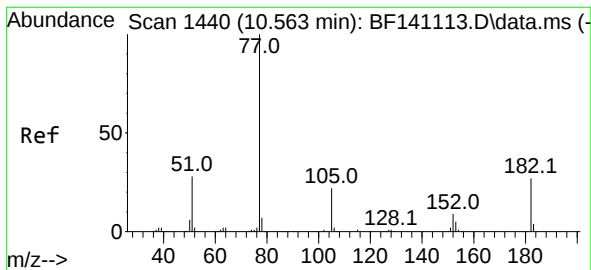
Tgt Ion:165 Resp: 36325
Ion Ratio Lower Upper
165 100
63 1.2 42.3 63.5#
89 1.1 43.1 64.7#



#57
2,4-Dinitrotoluene
Concen: 6.343 ng
RT: 9.839 min Scan# 1317
Delta R.T. -0.206 min
Lab File: BF141234.D
Acq: 21 Jan 2025 14:28

Tgt Ion:165 Resp: 36325
Ion Ratio Lower Upper
165 100
63 1.2 35.0 52.4#
89 1.1 56.7 85.1#
182 0.0 2.3 3.5#





#63

Azobenzene

Concen: 2.042 ng

RT: 10.551 min Scan# 14

Delta R.T. -0.012 min

Lab File: BF141234.D

Acq: 21 Jan 2025 14:28

Instrument :

BNA_F

ClientSampleId :

HD-1-011725

Tgt Ion: 77 Resp: 37597

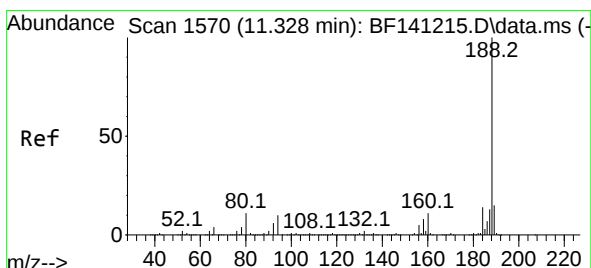
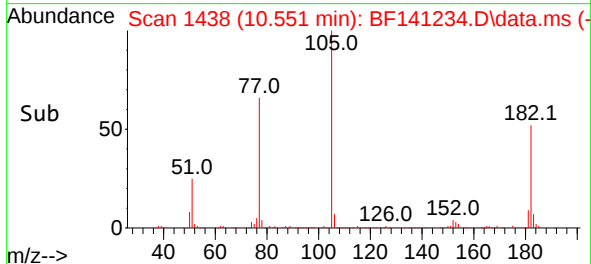
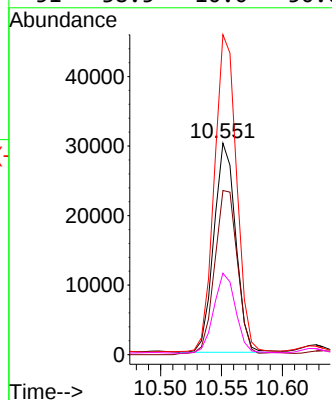
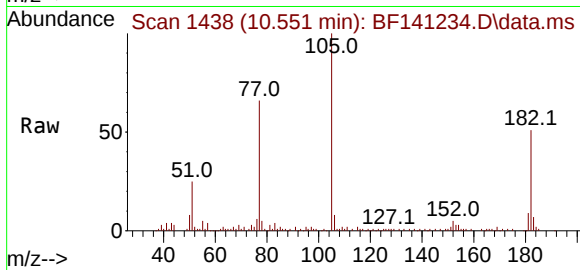
Ion Ratio Lower Upper

77 100

182 77.6 6.1 46.1#

105 151.2 2.1 42.1#

51 38.5 10.0 50.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.328 min Scan# 1570

Delta R.T. -0.018 min

Lab File: BF141234.D

Acq: 21 Jan 2025 14:28

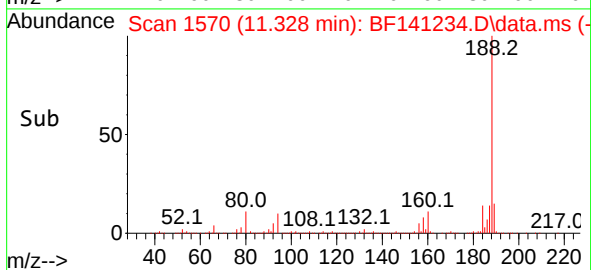
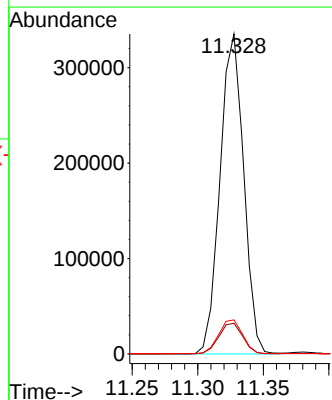
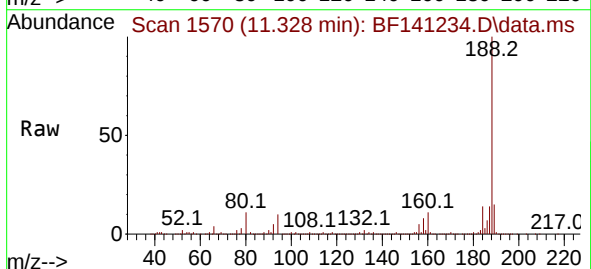
Tgt Ion: 188 Resp: 420070

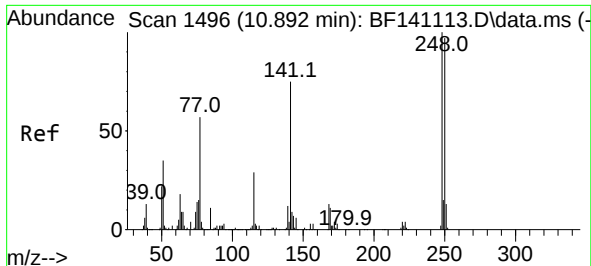
Ion Ratio Lower Upper

188 100

94 9.6 8.3 12.5

80 10.7 9.0 13.4

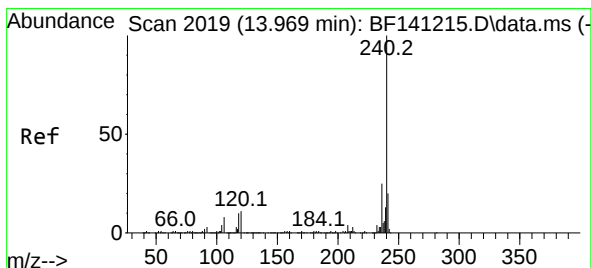
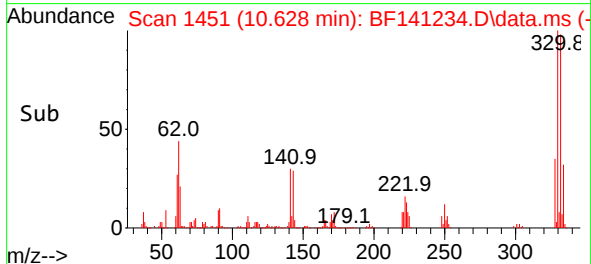
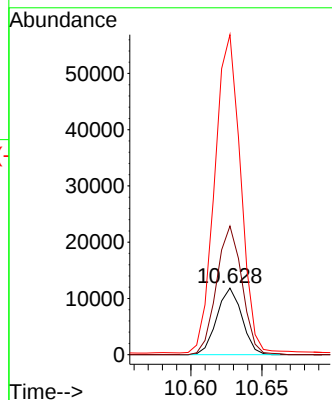
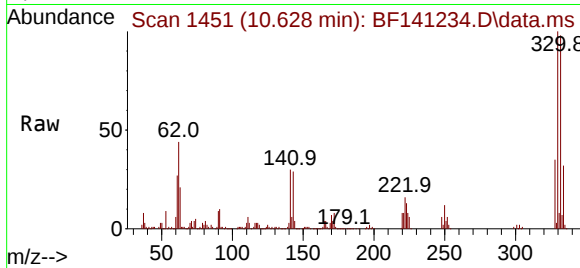




#67
4-Bromophenyl-phenylether
Concen: 3.006 ng
RT: 10.628 min Scan# 1496
Delta R.T. -0.265 min
Lab File: BF141234.D
Acq: 21 Jan 2025 14:28

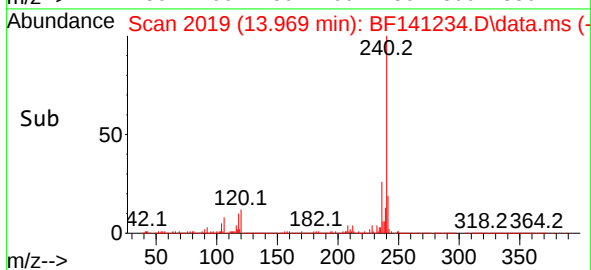
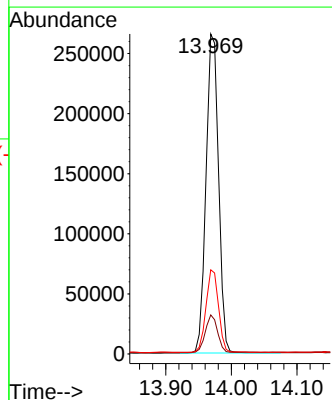
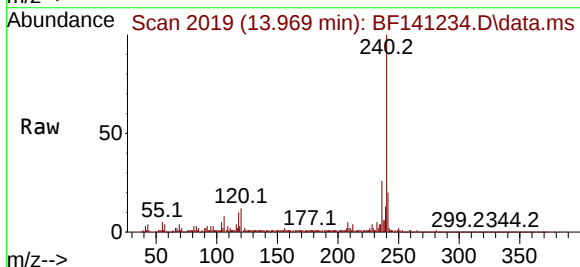
Instrument :
BNA_F
ClientSampleId :
HD-1-011725

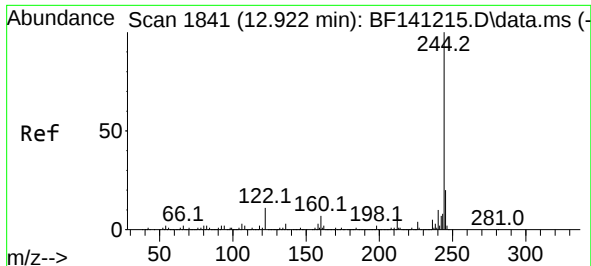
Tgt Ion:248 Resp: 14537
Ion Ratio Lower Upper
248 100
250 193.0 77.9 116.9#
141 480.1 59.9 89.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2019
Delta R.T. -0.018 min
Lab File: BF141234.D
Acq: 21 Jan 2025 14:28

Tgt Ion:240 Resp: 354896
Ion Ratio Lower Upper
240 100
120 12.2 9.1 13.7
236 26.3 19.8 29.6

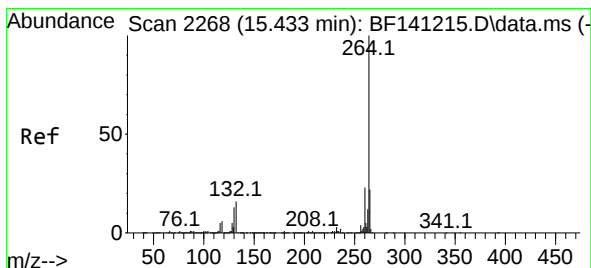
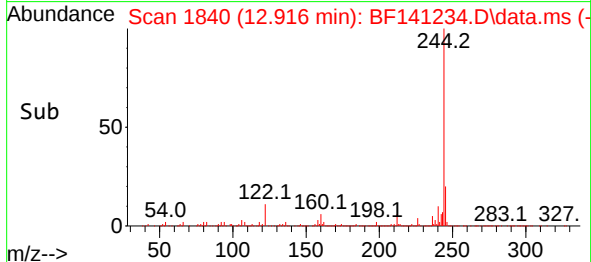
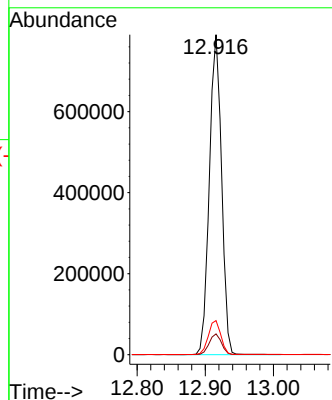
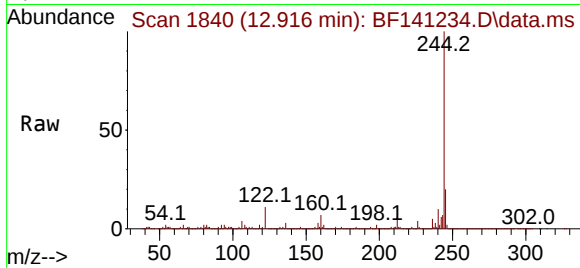




#79
 Terphenyl-d14
 Concen: 41.081 ng
 RT: 12.916 min Scan# 1840
 Delta R.T. -0.018 min
 Lab File: BF141234.D
 Acq: 21 Jan 2025 14:28

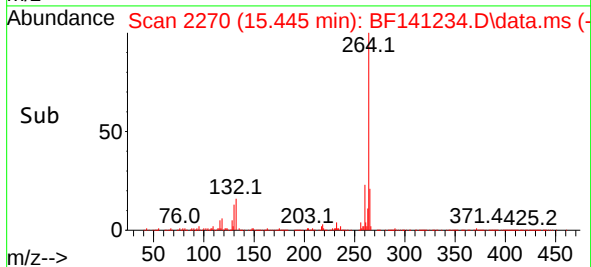
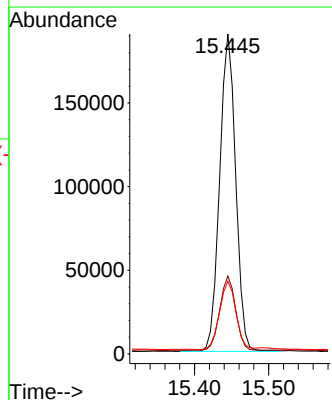
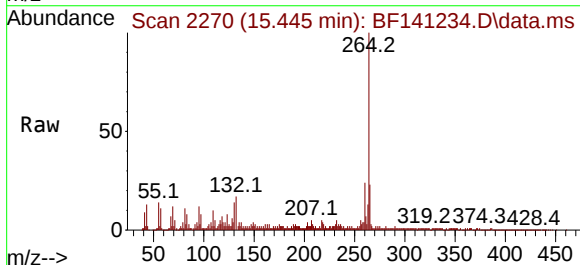
Instrument :
 BNA_F
 ClientSampleId :
 HD-1-011725

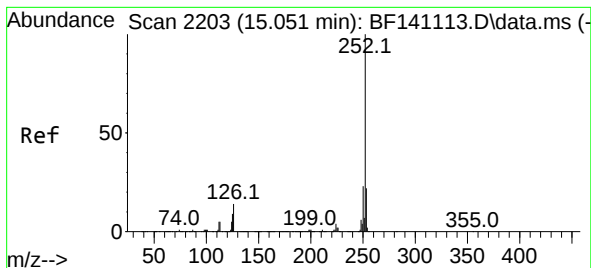
Tgt Ion:244 Resp: 980933
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.2
 122 10.7 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2270
 Delta R.T. 0.006 min
 Lab File: BF141234.D
 Acq: 21 Jan 2025 14:28

Tgt Ion:264 Resp: 284702
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.6 28.0
 265 22.7 17.4 26.0





#89

Benzo(k)fluoranthene

Concen: 2.165 ng

RT: 15.021 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF141234.D

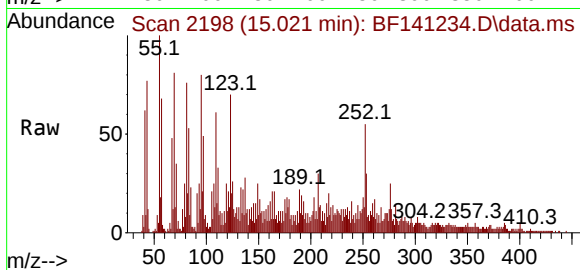
Acq: 21 Jan 2025 14:28

Instrument :

BNA_F

ClientSampleId :

HD-1-011725



Tgt Ion:252 Resp: 33587

Ion Ratio Lower Upper

252 100

253 55.3 17.8 26.8#

125 48.1 7.9 11.9#

