

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141320.D
 Acq On : 31 Jan 2025 09:49
 Operator : RC/JU
 Sample : PB166258BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166258BL

Quant Time: Jan 31 10:54:43 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)

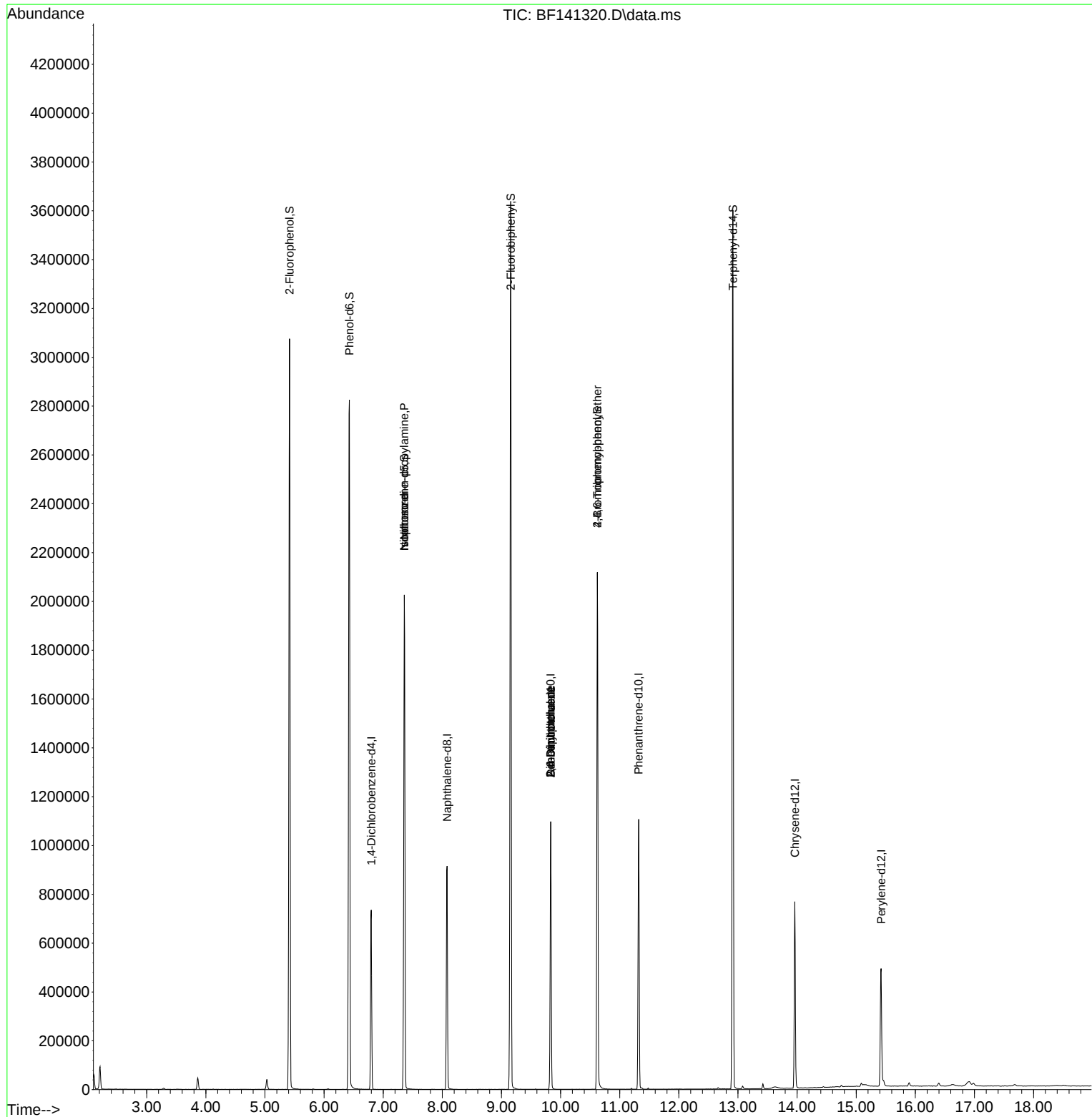
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	152576	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	611002	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	326719	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	555650	20.000	ng	0.00
76) Chrysene-d12	13.963	240	367283	20.000	ng	-0.01
86) Perylene-d12	15.421	264	296125	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1179920	118.722	ng	0.00
7) Phenol-d6	6.428	99	1461651	115.609	ng	-0.01
23) Nitrobenzene-d5	7.357	82	949642	81.934	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	350998	117.184	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	1685551	79.407	ng	0.00
79) Terphenyl-d14	12.916	244	1878170	78.863	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.357	70	126682	16.863	ng	# 75
25) Isophorone	7.357	82	932254	46.531	ng	# 64
50) Dimethylphthalate	9.833	163	49002	2.221	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	42723	8.339	ng	# 23
57) 2,4-Dinitrotoluene	9.833	165	42723	6.440	ng	# 23
67) 4-Bromophenyl-phenylether	10.622	248	23049	3.705	ng	# 1

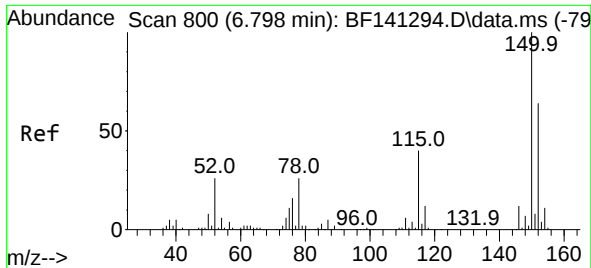
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
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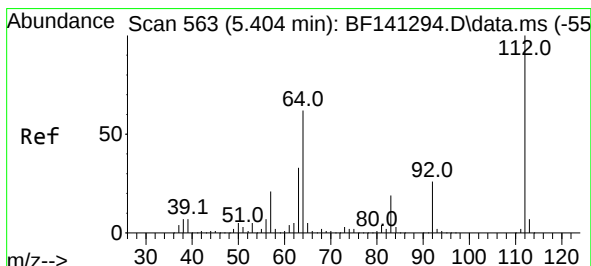
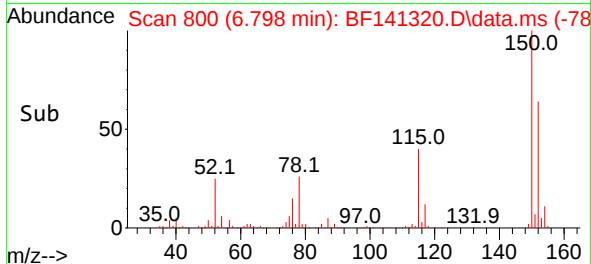
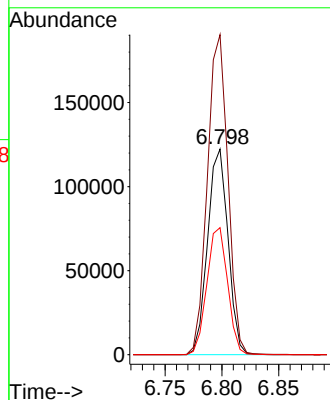
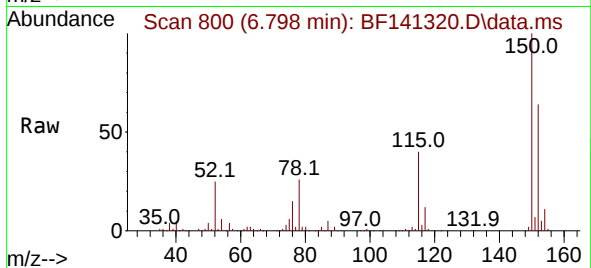




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF141320.D
Acq: 31 Jan 2025 09:49

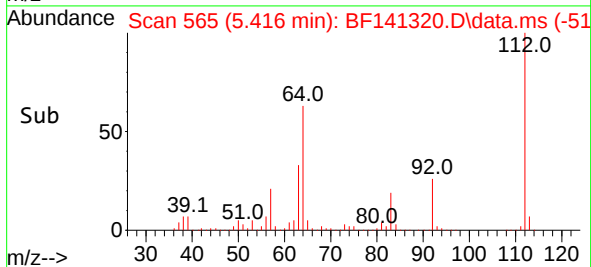
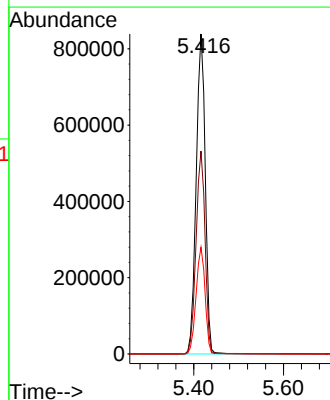
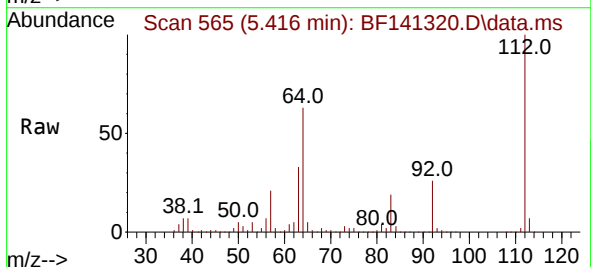
Instrument :
BNA_F
ClientSampleId :
PB166258BL

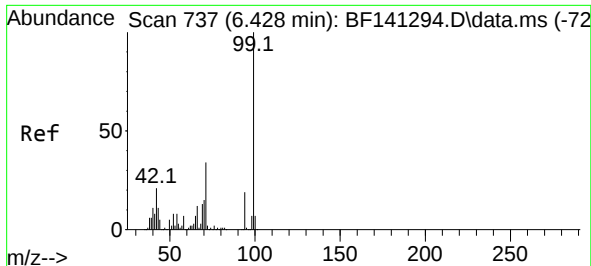
Tgt Ion:152 Resp: 152576
Ion Ratio Lower Upper
152 100
150 155.7 125.9 188.9
115 61.8 49.7 74.5



#5
2-Fluorophenol
Concen: 118.722 ng
RT: 5.416 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF141320.D
Acq: 31 Jan 2025 09:49

Tgt Ion:112 Resp: 1179920
Ion Ratio Lower Upper
112 100
64 63.4 49.8 74.8
63 33.3 26.1 39.1

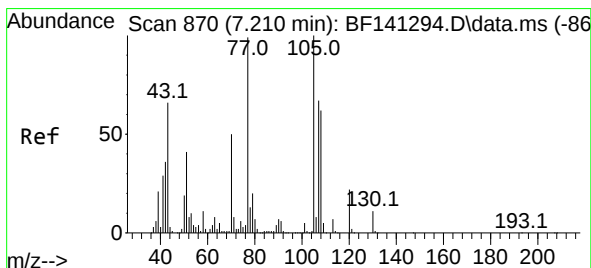
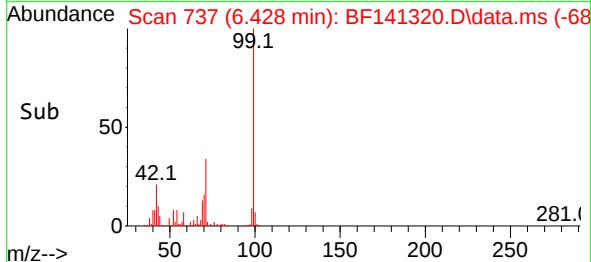
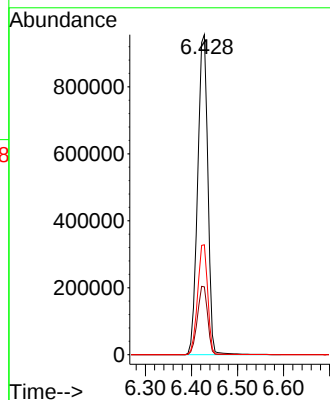
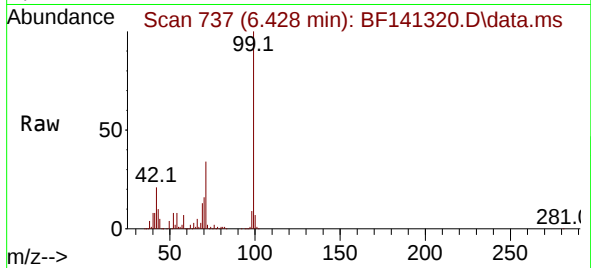




#7
Phenol-d6
Concen: 115.609 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141320.D
Acq: 31 Jan 2025 09:49

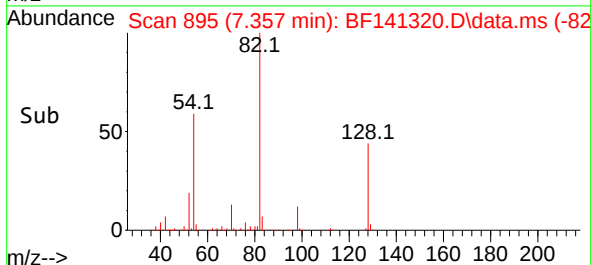
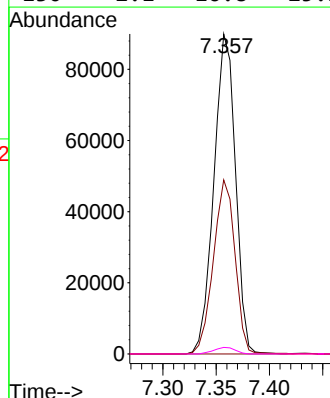
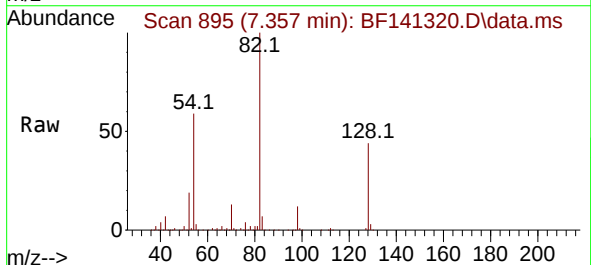
Instrument :
BNA_F
ClientSampleId :
PB166258BL

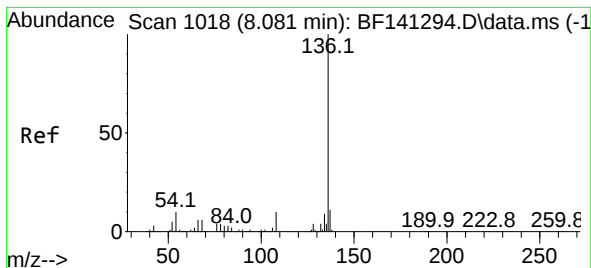
Tgt Ion: 99 Resp: 1461651
Ion Ratio Lower Upper
99 100
42 21.2 17.1 25.7
71 34.4 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.863 ng
RT: 7.357 min Scan# 895
Delta R.T. 0.129 min
Lab File: BF141320.D
Acq: 31 Jan 2025 09:49

Tgt Ion: 70 Resp: 126682
Ion Ratio Lower Upper
70 100
42 54.4 56.8 85.2#
101 0.0 7.7 11.5#
130 2.1 16.8 25.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.081 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141320.D

Acq: 31 Jan 2025 09:49

Instrument :

BNA_F

ClientSampleId :

PB166258BL

Tgt Ion:136 Resp: 611002

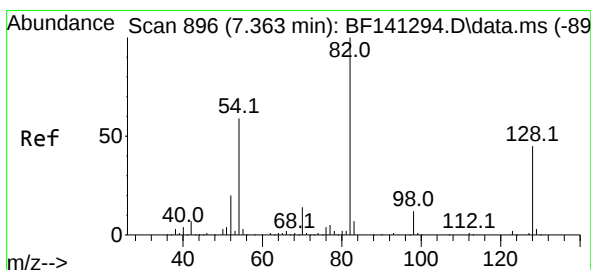
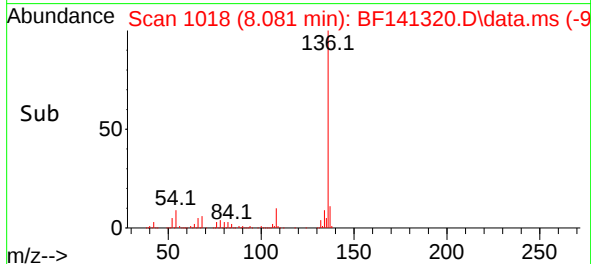
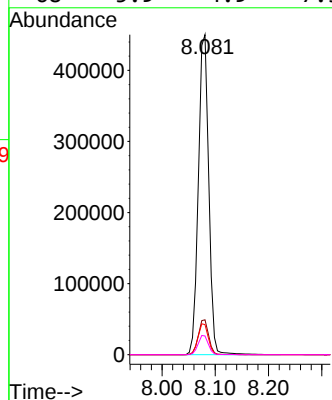
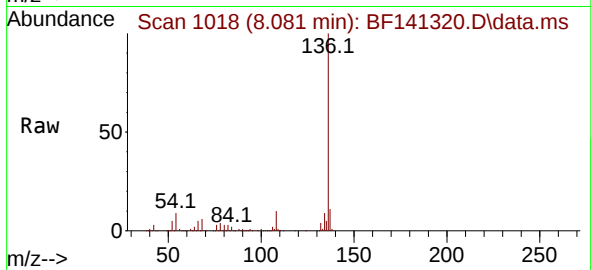
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 9.4 7.8 11.8

68 5.9 4.9 7.3



#23

Nitrobenzene-d5

Concen: 81.934 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141320.D

Acq: 31 Jan 2025 09:49

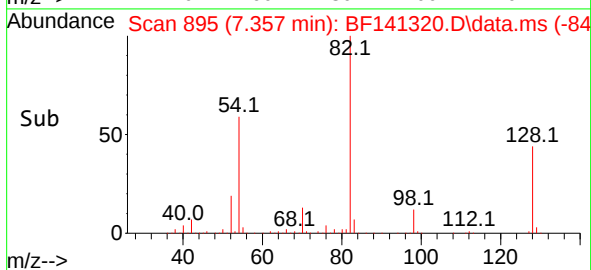
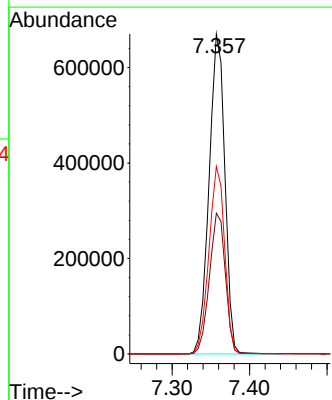
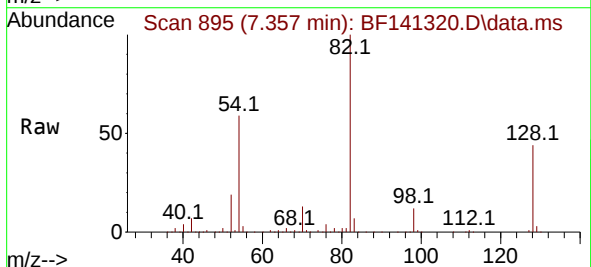
Tgt Ion: 82 Resp: 949642

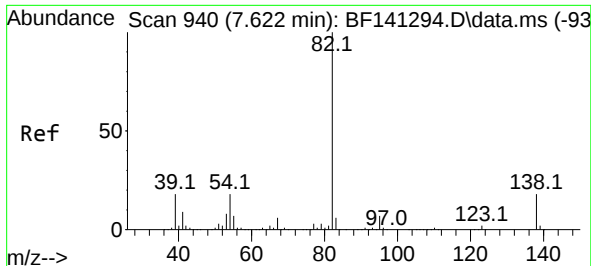
Ion Ratio Lower Upper

82 100

128 44.0 35.7 53.5

54 58.6 47.1 70.7

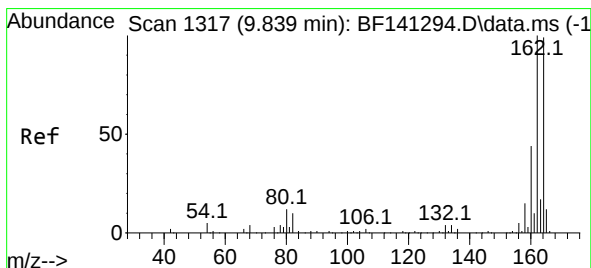
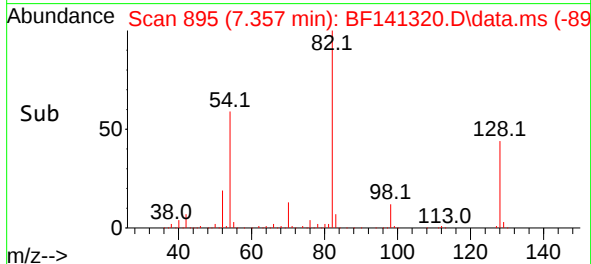
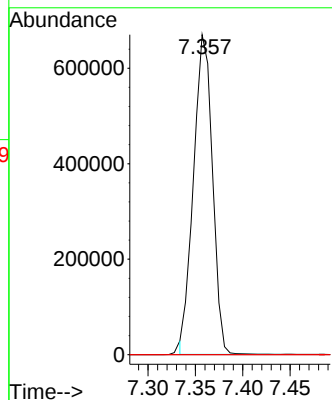
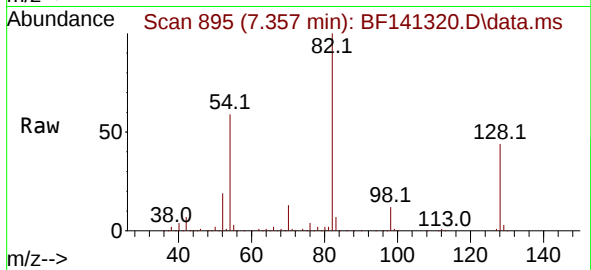




#25
Isophorone
Concen: 46.531 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF141320.D
Acq: 31 Jan 2025 09:49

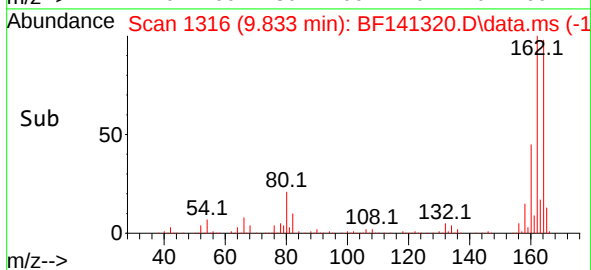
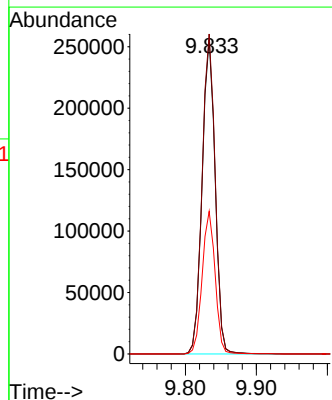
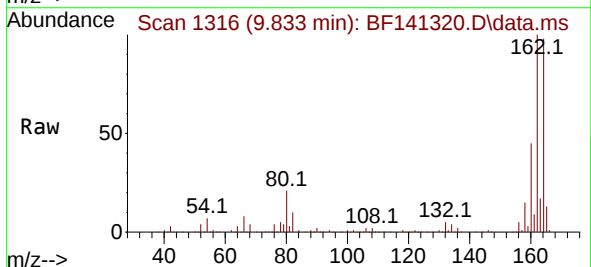
Instrument :
BNA_F
ClientSampleId :
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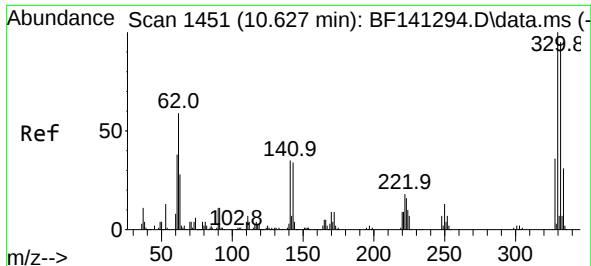
Tgt Ion: 82 Resp: 932254
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF141320.D
Acq: 31 Jan 2025 09:49

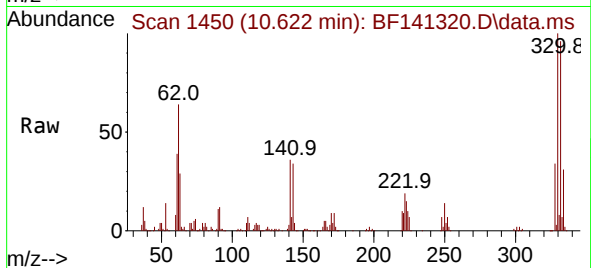
Tgt Ion:164 Resp: 326719
Ion Ratio Lower Upper
164 100
162 101.8 80.6 121.0
160 45.3 35.8 53.6



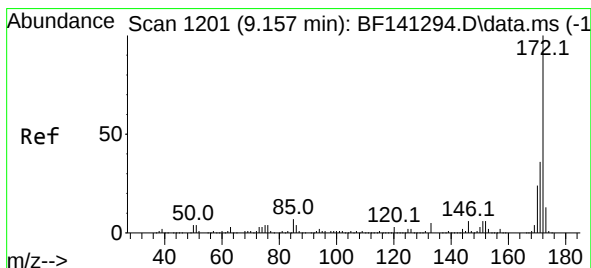
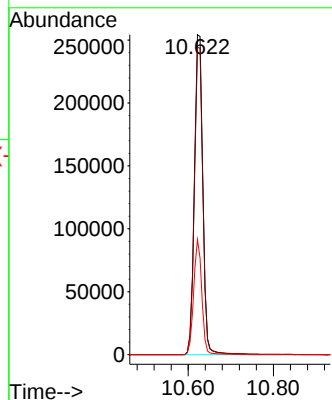
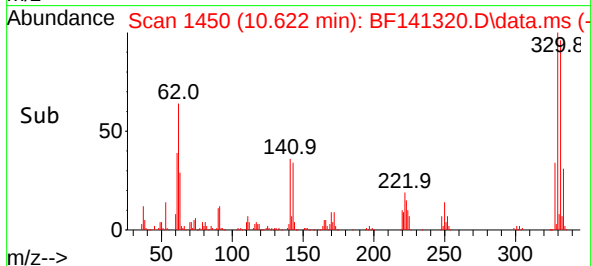


#42
2,4,6-Tribromophenol
Concen: 117.184 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF141320.D
Acq: 31 Jan 2025 09:49

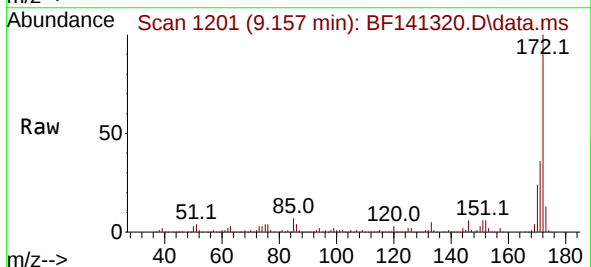
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BNA_F
ClientSampleId :
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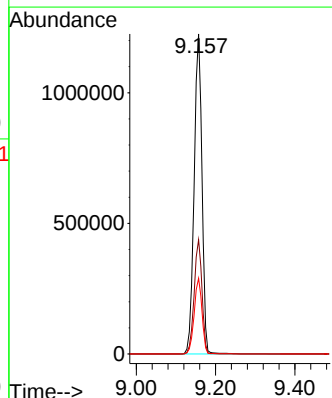
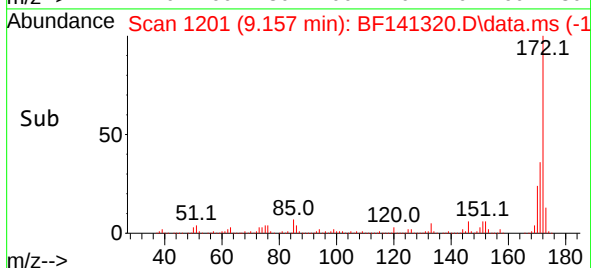
Tgt Ion:330 Resp: 350998
Ion Ratio Lower Upper
330 100
332 96.2 76.1 114.1
141 34.7 28.8 43.2

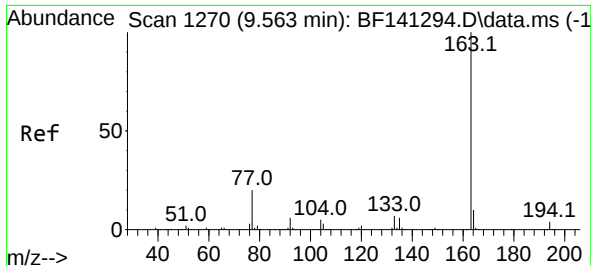


#45
2-Fluorobiphenyl
Concen: 79.407 ng
RT: 9.157 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF141320.D
Acq: 31 Jan 2025 09:49



Tgt Ion:172 Resp: 1685551
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.6 19.0 28.6

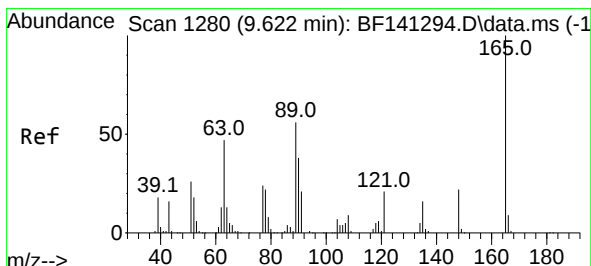
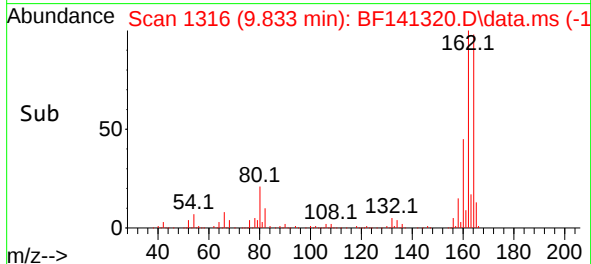
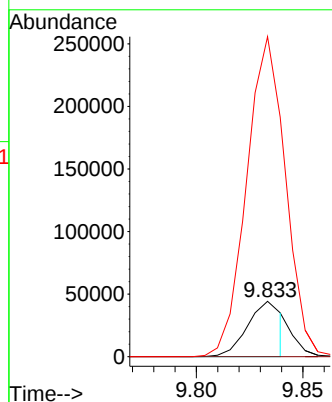
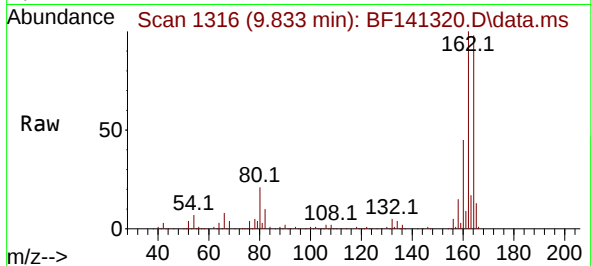




#50
Dimethylphthalate
Concen: 2.221 ng
RT: 9.833 min Scan# 1316
Delta R.T. 0.265 min
Lab File: BF141320.D
Acq: 31 Jan 2025 09:49

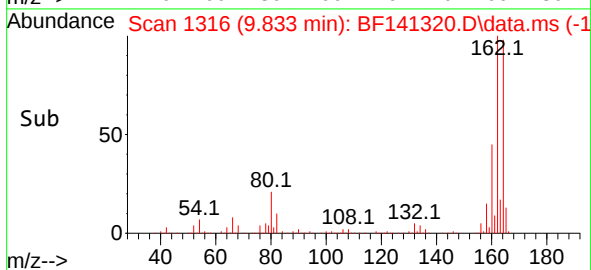
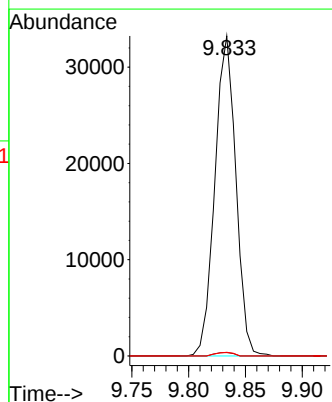
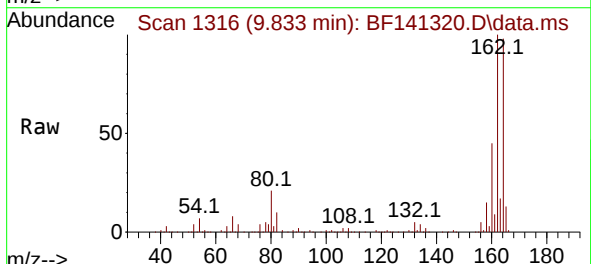
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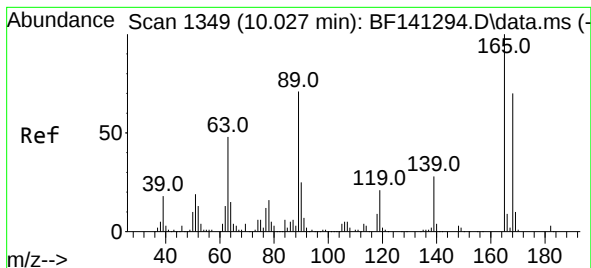
Tgt Ion:163 Resp: 49002
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 578.1 8.0 12.0#



#51
2,6-Dinitrotoluene
Concen: 8.339 ng
RT: 9.833 min Scan# 1316
Delta R.T. 0.206 min
Lab File: BF141320.D
Acq: 31 Jan 2025 09:49

Tgt Ion:165 Resp: 42723
Ion Ratio Lower Upper
165 100
63 1.1 48.1 72.1#
89 1.1 44.9 67.3#

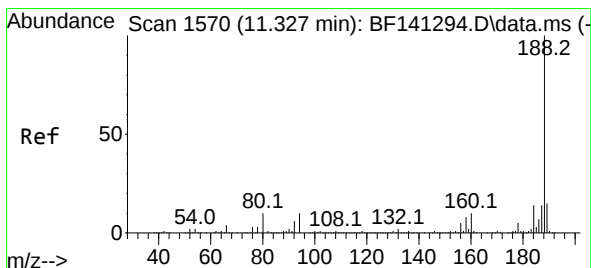
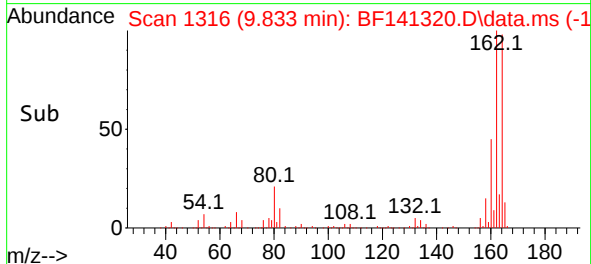
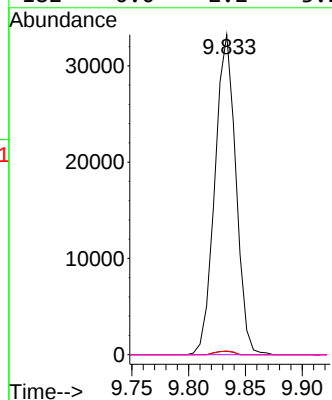
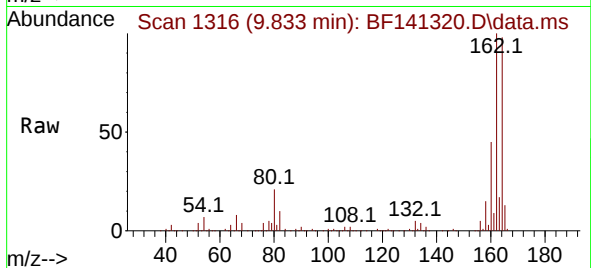




#57
2,4-Dinitrotoluene
Concen: 6.440 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF141320.D
Acq: 31 Jan 2025 09:49

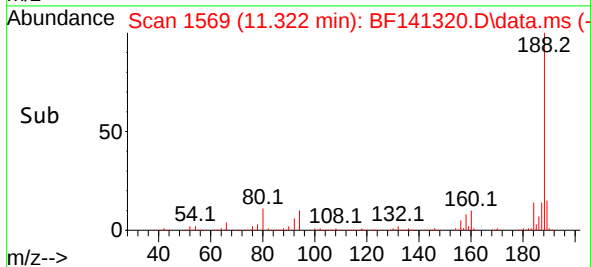
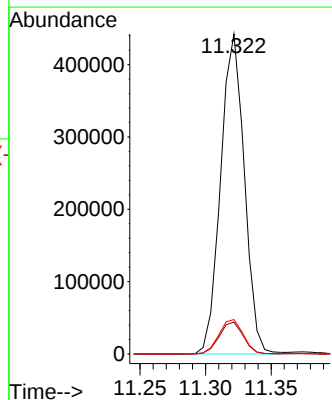
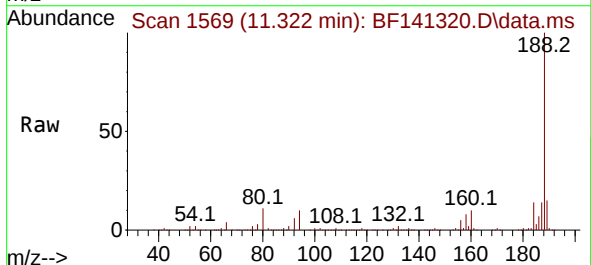
Instrument :
BNA_F
ClientSampleId :
PB166258BL

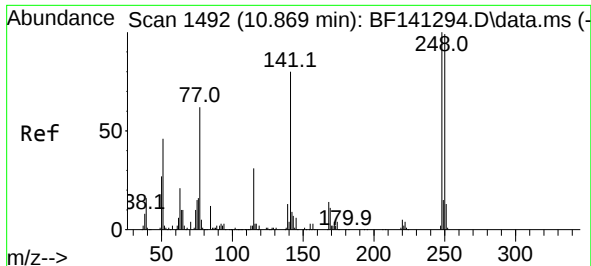
Tgt Ion:165 Resp: 42723
Ion Ratio Lower Upper
165 100
63 1.1 39.2 58.8#
89 1.1 56.9 85.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF141320.D
Acq: 31 Jan 2025 09:49

Tgt Ion:188 Resp: 555650
Ion Ratio Lower Upper
188 100
94 10.0 7.8 11.6
80 10.8 8.2 12.4

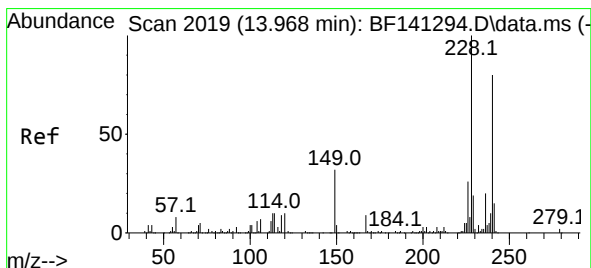
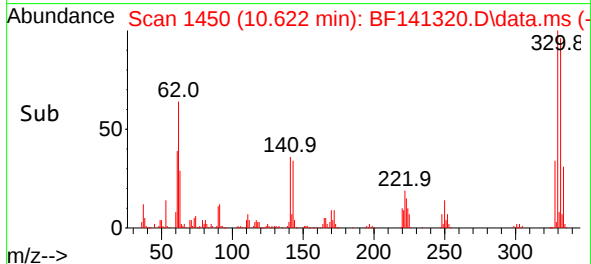
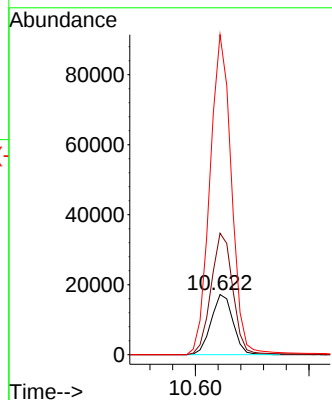
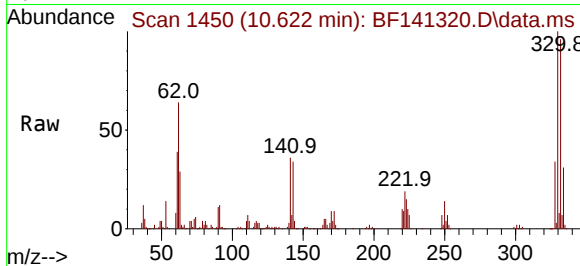




#67
4-Bromophenyl-phenylether
Concen: 3.705 ng
RT: 10.622 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF141320.D
Acq: 31 Jan 2025 09:49

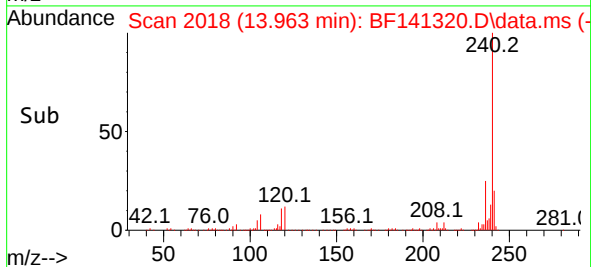
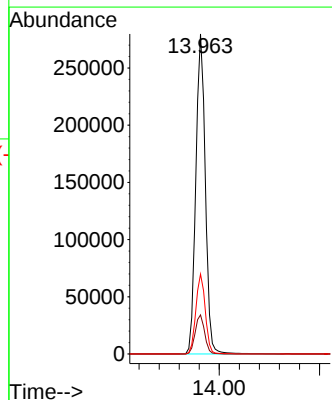
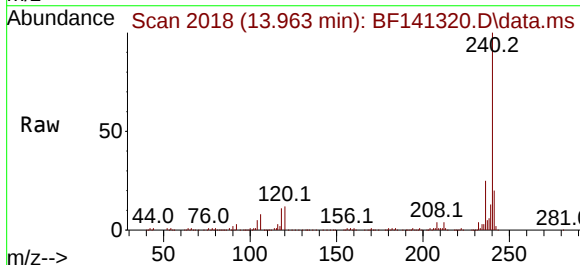
Instrument :
BNA_F
ClientSampleId :
PB166258BL

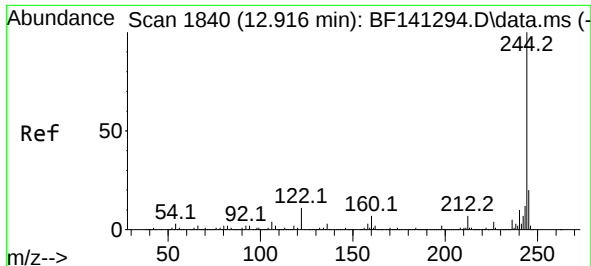
Tgt Ion:248 Resp: 23049
Ion Ratio Lower Upper
248 100
250 201.9 79.0 118.4#
141 531.9 63.7 95.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF141320.D
Acq: 31 Jan 2025 09:49

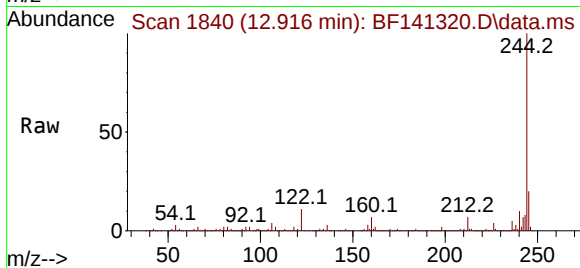
Tgt Ion:240 Resp: 367283
Ion Ratio Lower Upper
240 100
120 12.2 10.0 15.0
236 25.0 19.7 29.5



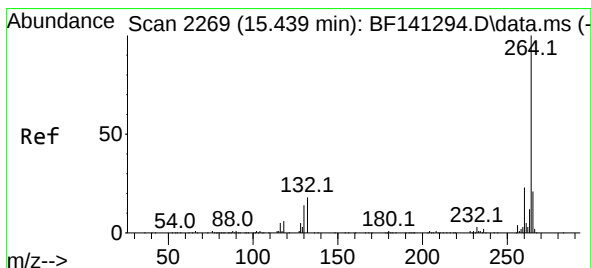
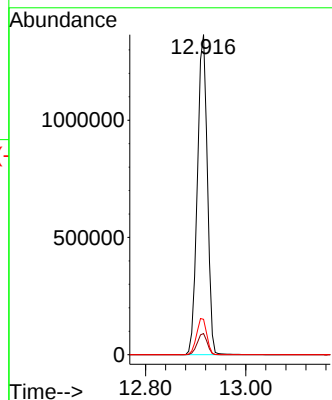
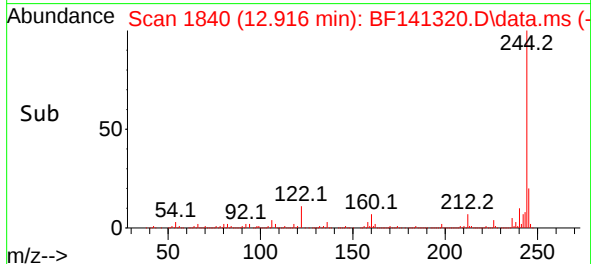


#79
 Terphenyl-d14
 Concen: 78.863 ng
 RT: 12.916 min Scan# 1840
 Delta R.T. -0.000 min
 Lab File: BF141320.D
 Acq: 31 Jan 2025 09:49

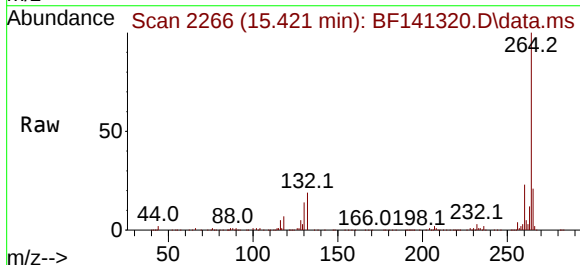
Instrument :
 BNA_F
 ClientSampleId :
 PB166258BL



Tgt Ion:244 Resp: 1878170
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 11.0 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2266
 Delta R.T. -0.018 min
 Lab File: BF141320.D
 Acq: 31 Jan 2025 09:49



Tgt Ion:264 Resp: 296125
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 27.8
 265 21.0 16.7 25.1

