

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141325.D
 Acq On : 31 Jan 2025 12:01
 Operator : RC/JU
 Sample : PB166363BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166363BL

Quant Time: Jan 31 12:23:54 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)

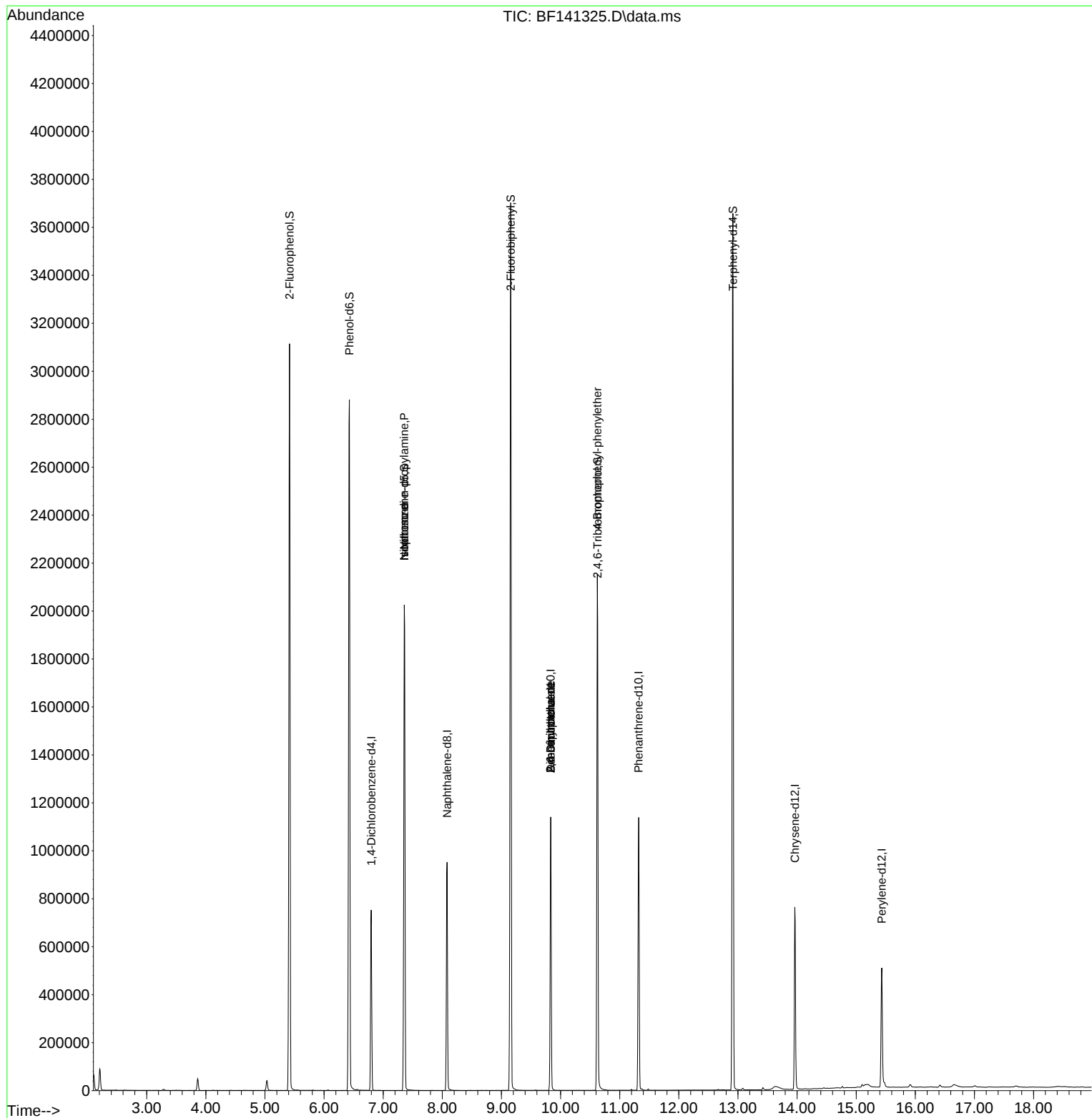
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	154270	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	620172	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	339948	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	568179	20.000	ng	0.00
76) Chrysene-d12	13.962	240	374764	20.000	ng	-0.01
86) Perylene-d12	15.433	264	299638	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1196408	119.059	ng	0.00
7) Phenol-d6	6.428	99	1486665	116.296	ng	-0.01
23) Nitrobenzene-d5	7.357	82	961427	81.724	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	356867	114.507	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1707650	77.318	ng	0.00
79) Terphenyl-d14	12.916	244	1901849	78.263	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.357	70	128979	16.980	ng	# 75
25) Isophorone	7.357	82	947025	46.570	ng	# 64
50) Dimethylphthalate	9.833	163	51312	2.235	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	43099	8.085	ng	# 24
57) 2,4-Dinitrotoluene	9.833	165	43099	6.244	ng	# 23
67) 4-Bromophenyl-phenylether	10.622	248	23873	3.753	ng	# 1

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

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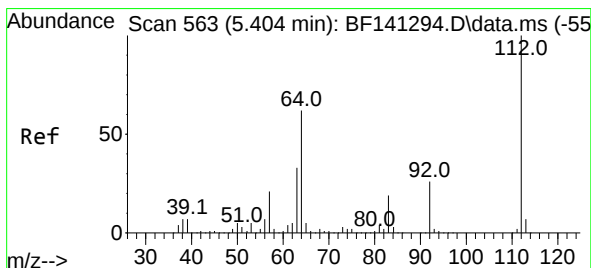
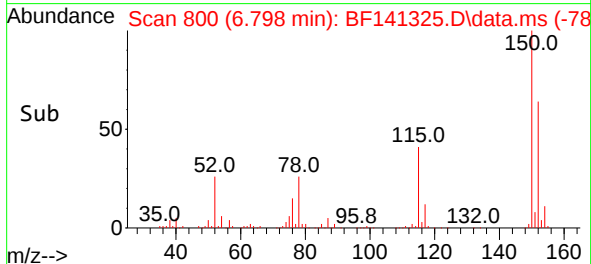
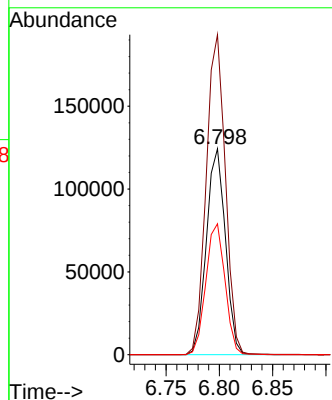
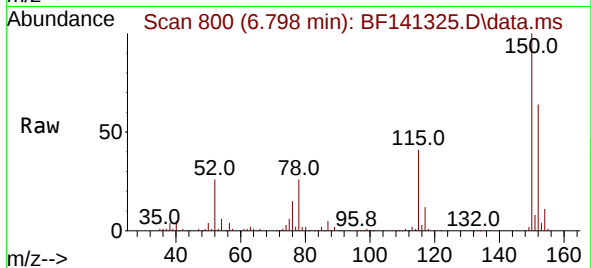




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 800
 Delta R.T. -0.006 min
 Lab File: BF141325.D
 Acq: 31 Jan 2025 12:01

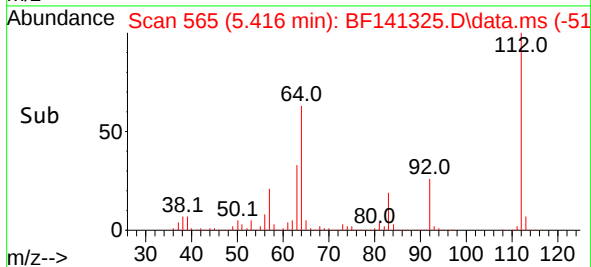
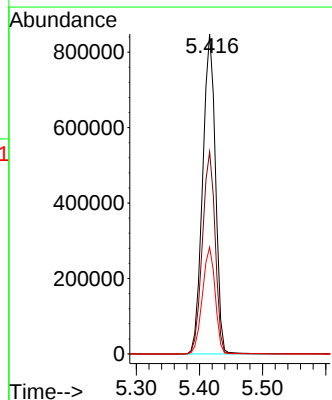
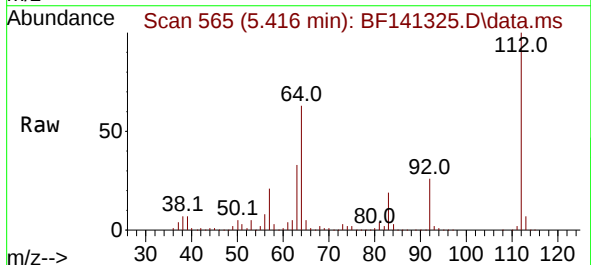
Instrument :
 BNA_F
 ClientSampleId :
 PB166363BL

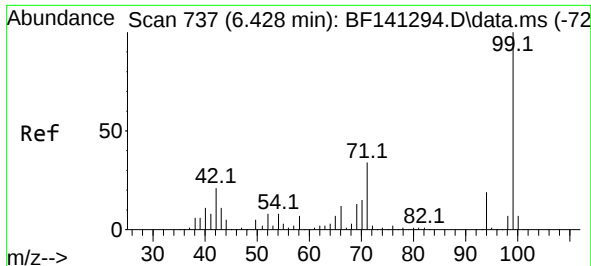
Tgt Ion:152 Resp: 154270
 Ion Ratio Lower Upper
 152 100
 150 155.4 125.9 188.9
 115 63.6 49.7 74.5



#5
 2-Fluorophenol
 Concen: 119.059 ng
 RT: 5.416 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: BF141325.D
 Acq: 31 Jan 2025 12:01

Tgt Ion:112 Resp: 1196408
 Ion Ratio Lower Upper
 112 100
 64 63.2 49.8 74.8
 63 33.4 26.1 39.1

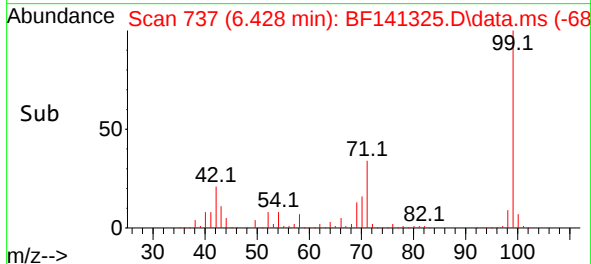
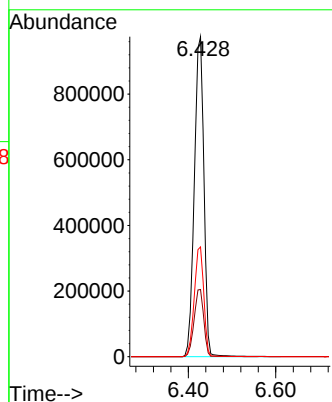
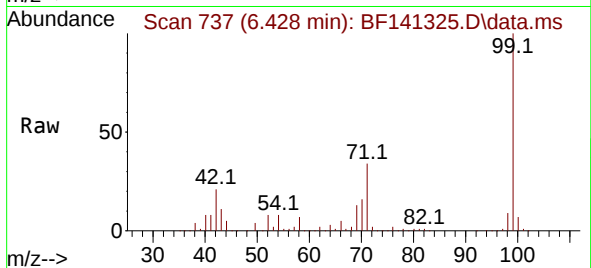




#7
Phenol-d6
Concen: 116.296 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141325.D
Acq: 31 Jan 2025 12:01

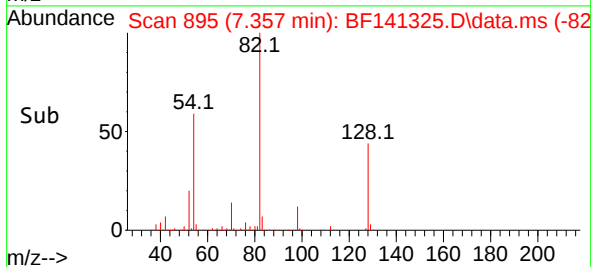
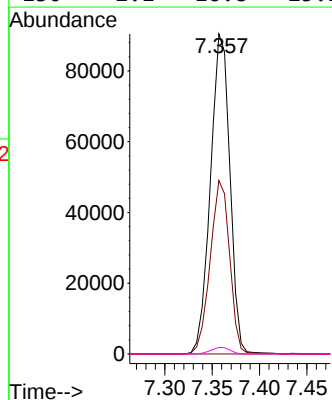
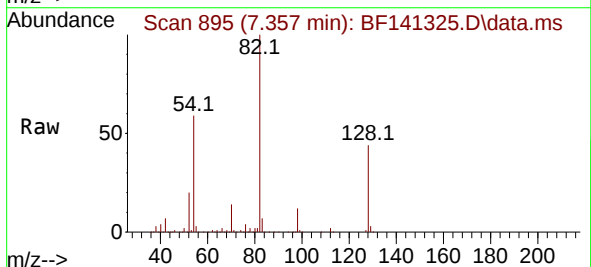
Instrument :
BNA_F
ClientSampleId :
PB166363BL

Tgt Ion: 99 Resp: 1486665
Ion Ratio Lower Upper
99 100
42 21.0 17.1 25.7
71 34.3 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.980 ng
RT: 7.357 min Scan# 895
Delta R.T. 0.129 min
Lab File: BF141325.D
Acq: 31 Jan 2025 12:01

Tgt Ion: 70 Resp: 128979
Ion Ratio Lower Upper
70 100
42 54.2 56.8 85.2#
101 0.0 7.7 11.5#
130 2.1 16.8 25.2#



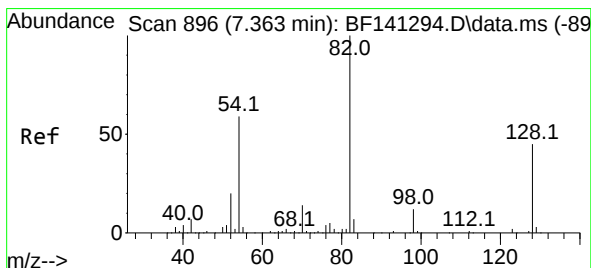
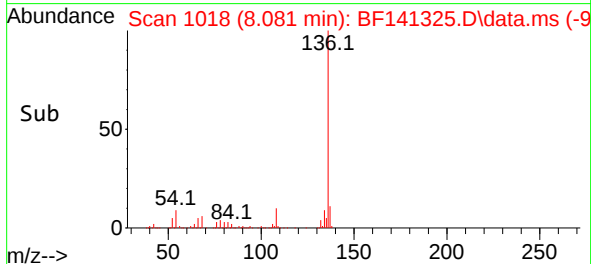
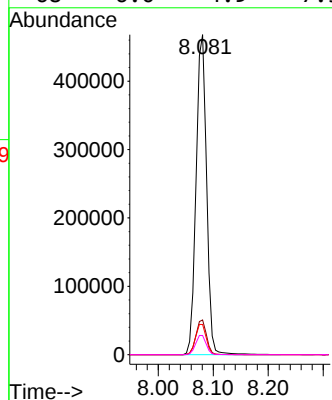
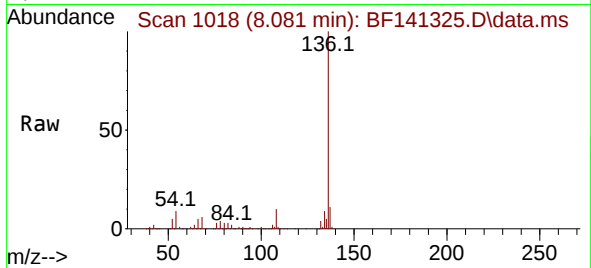


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141325.D
Acq: 31 Jan 2025 12:01

Instrument :
BNA_F
ClientSampleId :
PB166363BL

Tgt Ion:136 Resp: 620172

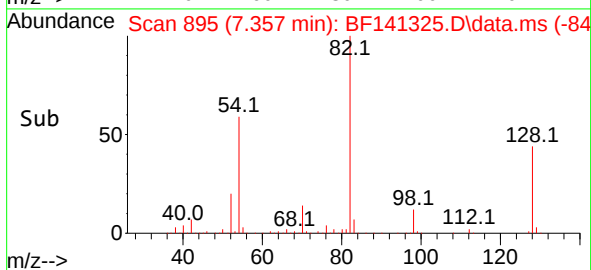
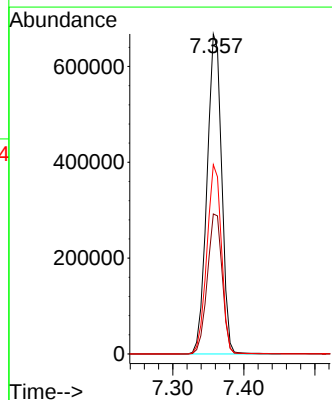
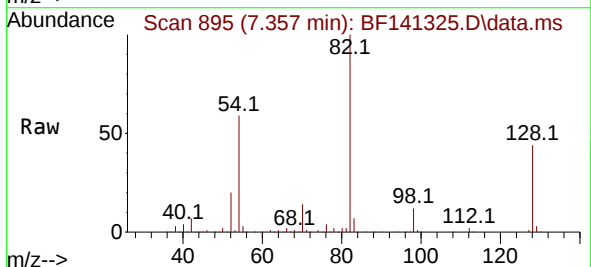
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.5	7.8	11.8
68	6.0	4.9	7.3



#23
Nitrobenzene-d5
Concen: 81.724 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF141325.D
Acq: 31 Jan 2025 12:01

Tgt Ion: 82 Resp: 961427

Ion	Ratio	Lower	Upper
82	100		
128	43.8	35.7	53.5
54	59.1	47.1	70.7

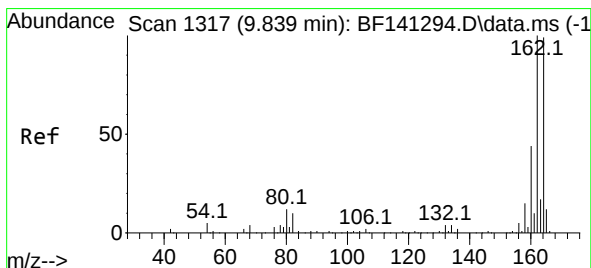
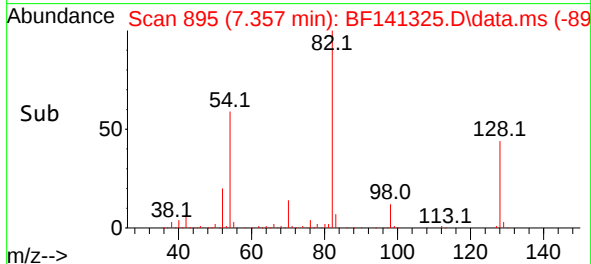
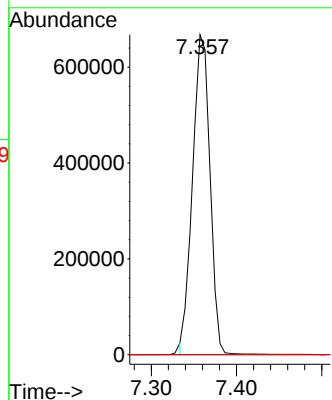
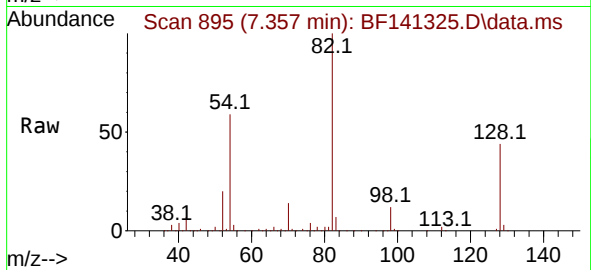




#25
Isophorone
Concen: 46.570 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF141325.D
Acq: 31 Jan 2025 12:01

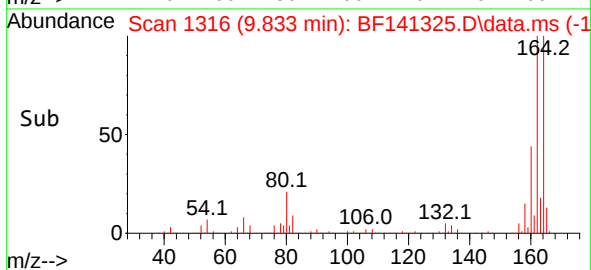
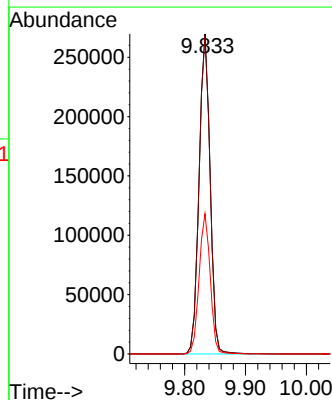
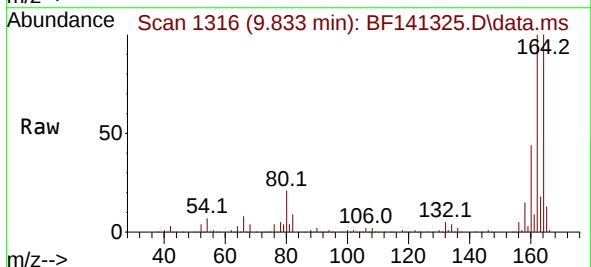
Instrument :
BNA_F
ClientSampleId :
PB166363BL

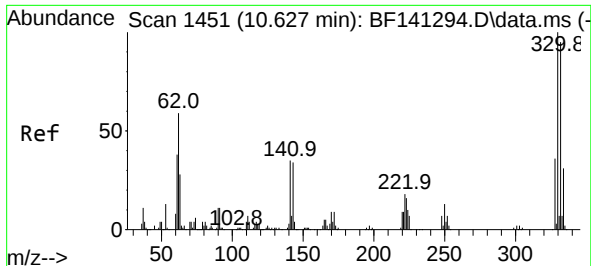
Tgt Ion: 82 Resp: 947025
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF141325.D
Acq: 31 Jan 2025 12:01

Tgt Ion:164 Resp: 339948
Ion Ratio Lower Upper
164 100
162 99.6 80.6 121.0
160 43.9 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 114.507 ng

RT: 10.627 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF141325.D

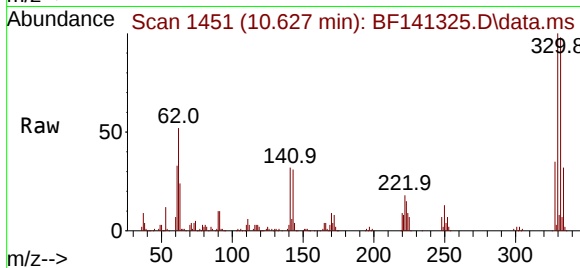
Acq: 31 Jan 2025 12:01

Instrument :

BNA_F

ClientSampleId :

PB166363BL



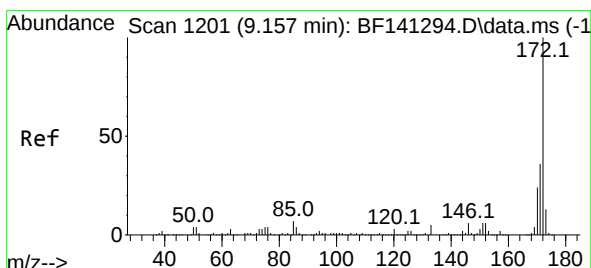
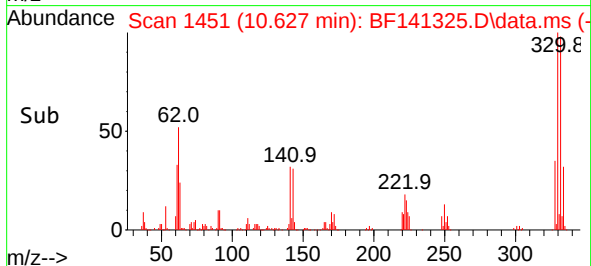
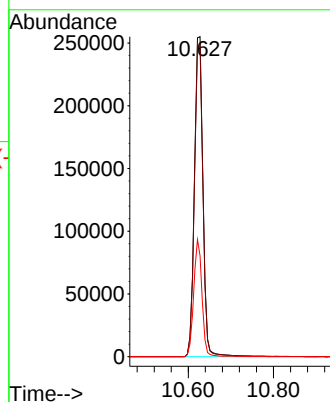
Tgt Ion:330 Resp: 356867

Ion Ratio Lower Upper

330 100

332 97.4 76.1 114.1

141 35.4 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 77.318 ng

RT: 9.157 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF141325.D

Acq: 31 Jan 2025 12:01

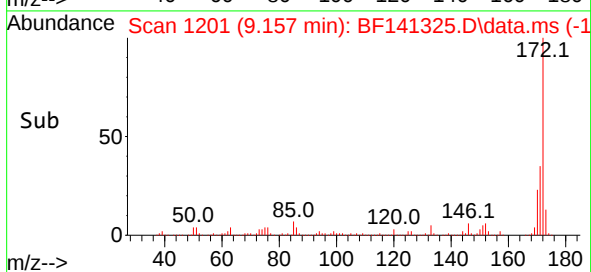
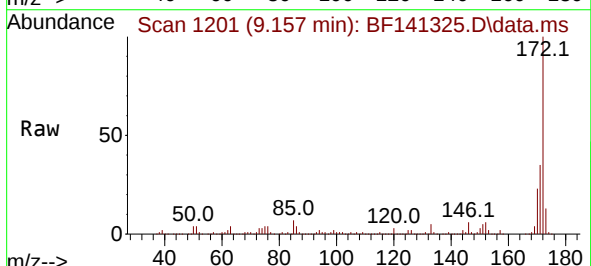
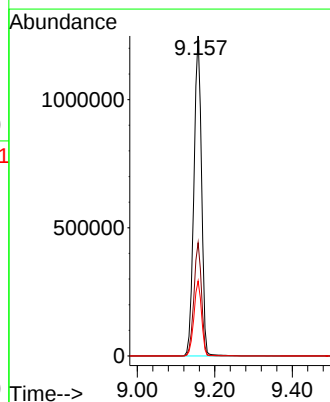
Tgt Ion:172 Resp: 1707650

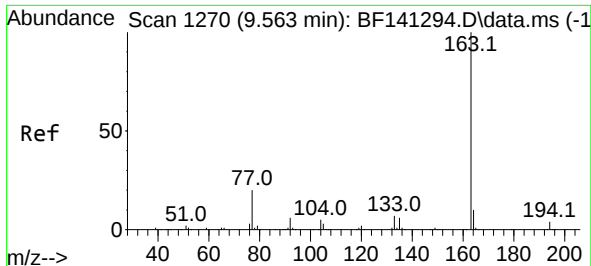
Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 23.5 19.0 28.6

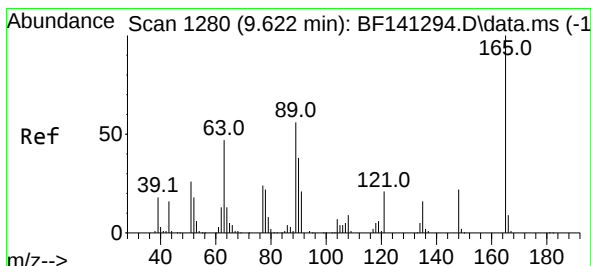
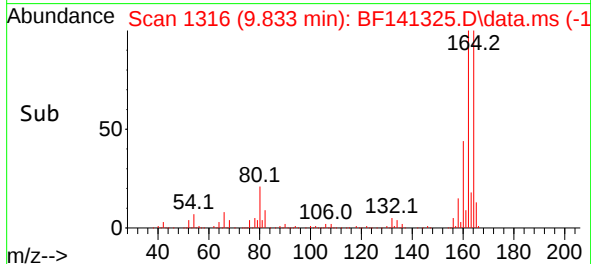
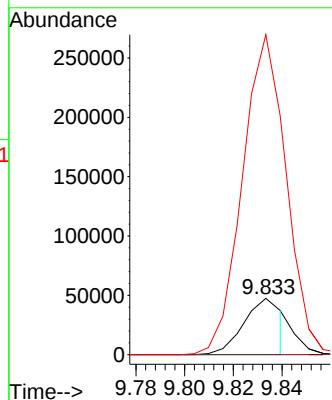
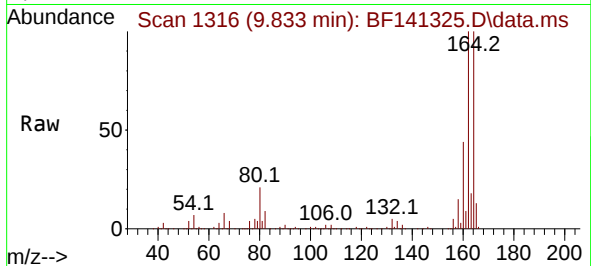




#50
Dimethylphthalate
Concen: 2.235 ng
RT: 9.833 min Scan# 1316
Delta R.T. 0.264 min
Lab File: BF141325.D
Acq: 31 Jan 2025 12:01

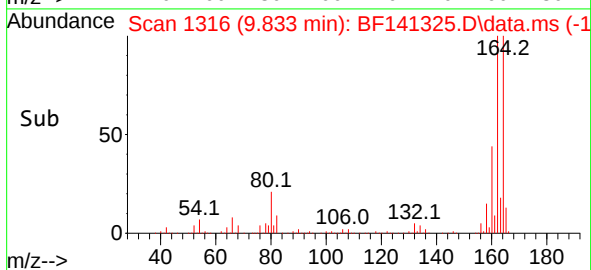
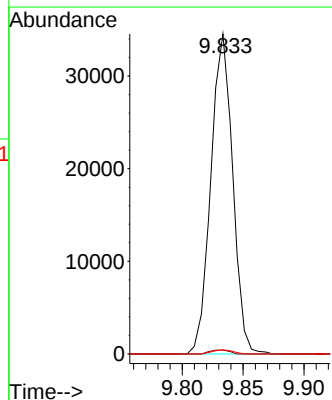
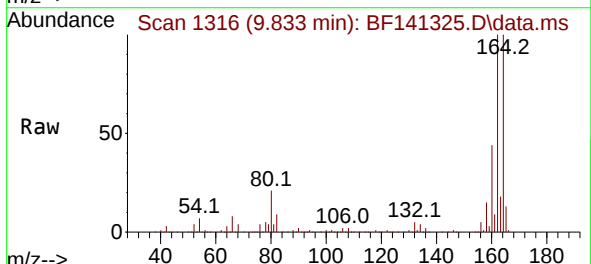
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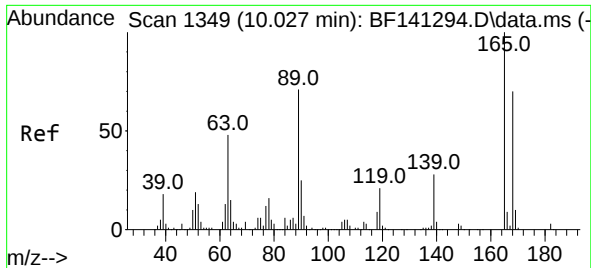
Tgt Ion:163 Resp: 51312
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 568.7 8.0 12.0#



#51
2,6-Dinitrotoluene
Concen: 8.085 ng
RT: 9.833 min Scan# 1316
Delta R.T. 0.206 min
Lab File: BF141325.D
Acq: 31 Jan 2025 12:01

Tgt Ion:165 Resp: 43099
Ion Ratio Lower Upper
165 100
63 1.2 48.1 72.1#
89 1.3 44.9 67.3#

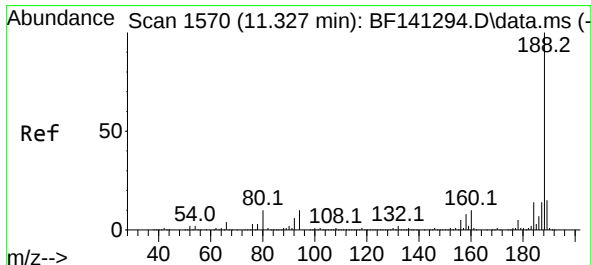
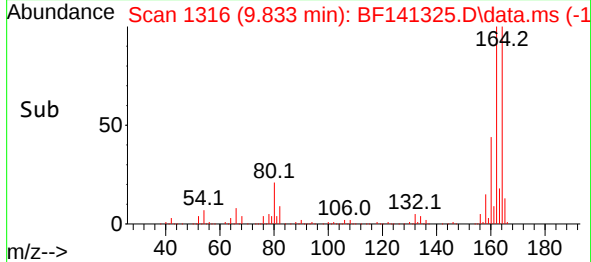
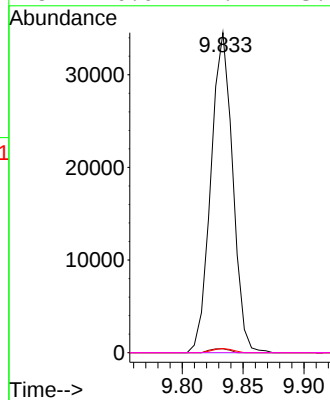
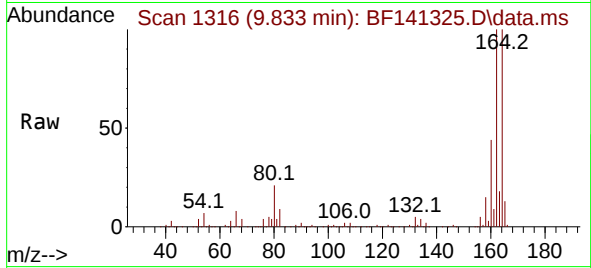




#57
2,4-Dinitrotoluene
Concen: 6.244 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF141325.D
Acq: 31 Jan 2025 12:01

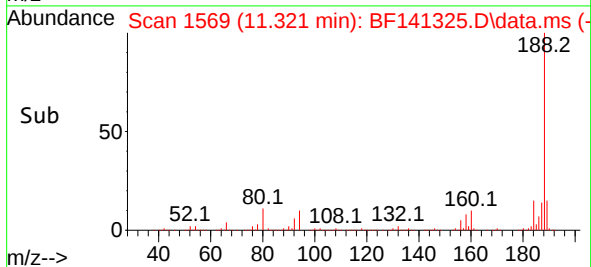
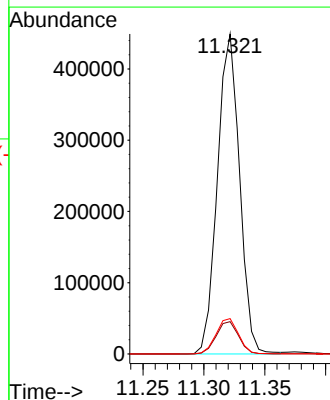
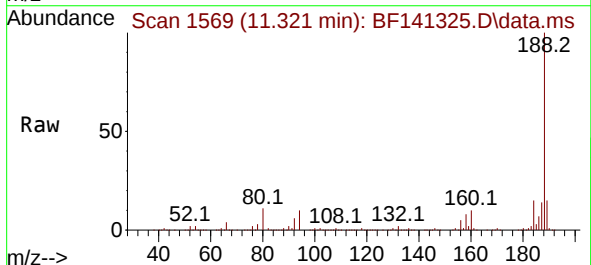
Instrument :
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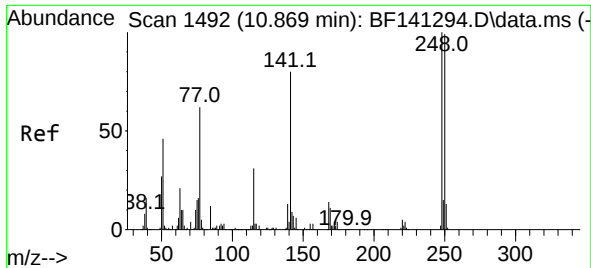
Tgt Ion:165 Resp: 43099
Ion Ratio Lower Upper
165 100
63 1.2 39.2 58.8#
89 1.3 56.9 85.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF141325.D
Acq: 31 Jan 2025 12:01

Tgt Ion:188 Resp: 568179
Ion Ratio Lower Upper
188 100
94 10.1 7.8 11.6
80 11.0 8.2 12.4

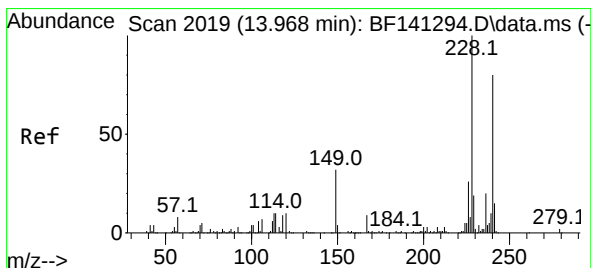
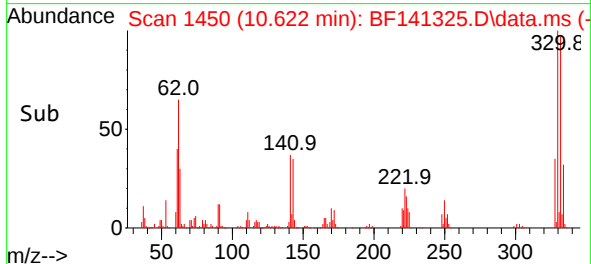
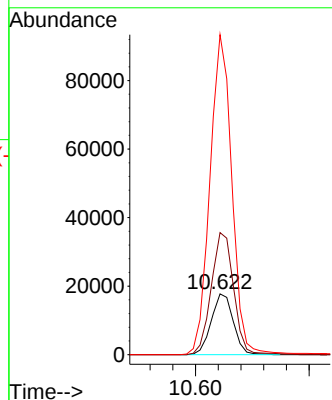
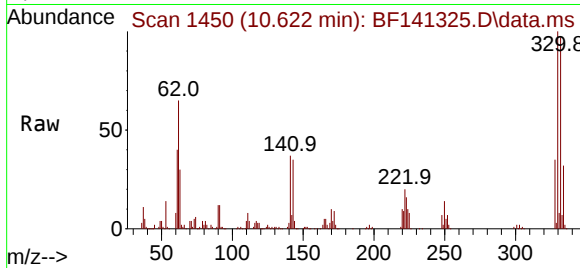




#67
4-Bromophenyl-phenylether
Concen: 3.753 ng
RT: 10.622 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF141325.D
Acq: 31 Jan 2025 12:01

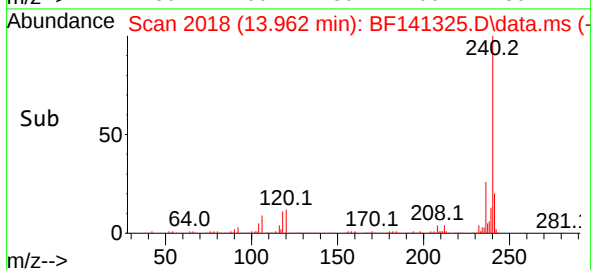
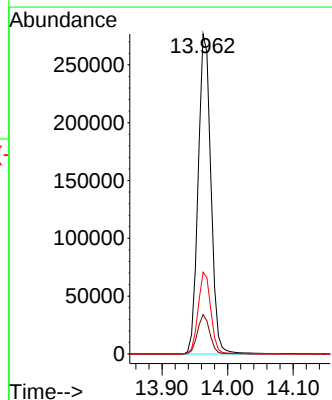
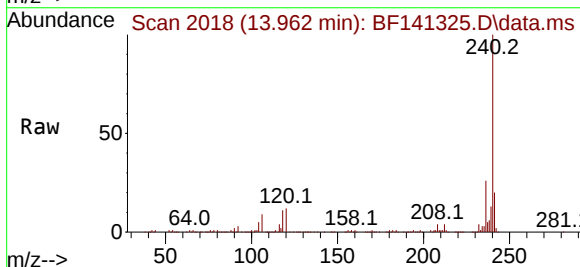
Instrument :
BNA_F
ClientSampleId :
PB166363BL

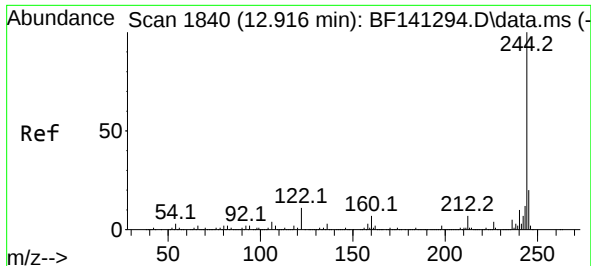
Tgt Ion:248 Resp: 23873
Ion Ratio Lower Upper
248 100
250 200.5 79.0 118.4#
141 525.6 63.7 95.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF141325.D
Acq: 31 Jan 2025 12:01

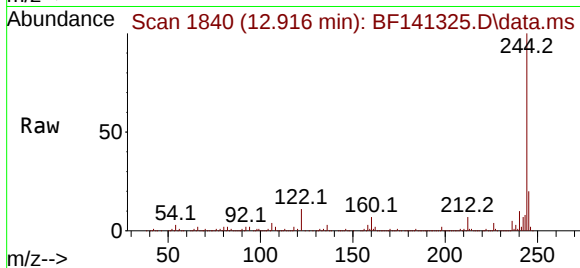
Tgt Ion:240 Resp: 374764
Ion Ratio Lower Upper
240 100
120 12.3 10.0 15.0
236 25.5 19.7 29.5



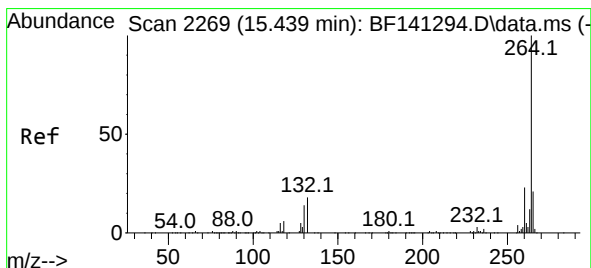
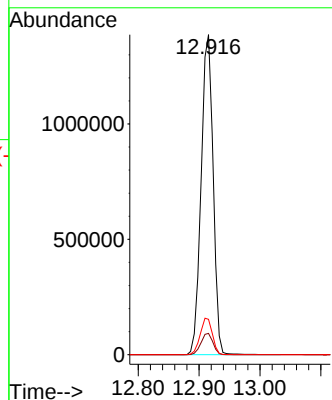
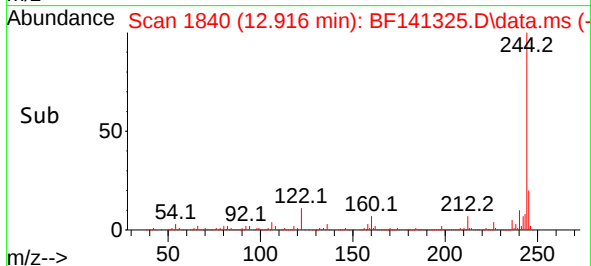


#79
 Terphenyl-d14
 Concen: 78.263 ng
 RT: 12.916 min Scan# 1840
 Delta R.T. -0.000 min
 Lab File: BF141325.D
 Acq: 31 Jan 2025 12:01

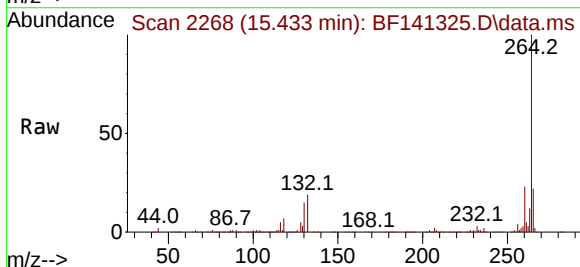
Instrument :
 BNA_F
 ClientSampleId :
 PB166363BL



Tgt Ion:244 Resp: 1901849
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 11.0 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2268
 Delta R.T. -0.006 min
 Lab File: BF141325.D
 Acq: 31 Jan 2025 12:01



Tgt Ion:264 Resp: 299638
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 27.8
 265 21.7 16.7 25.1

