

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
 Data File : BF141403.D
 Acq On : 04 Feb 2025 12:54
 Operator : RC/JU
 Sample : PB166465BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166465BL

Quant Time: Feb 04 13:26:28 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)

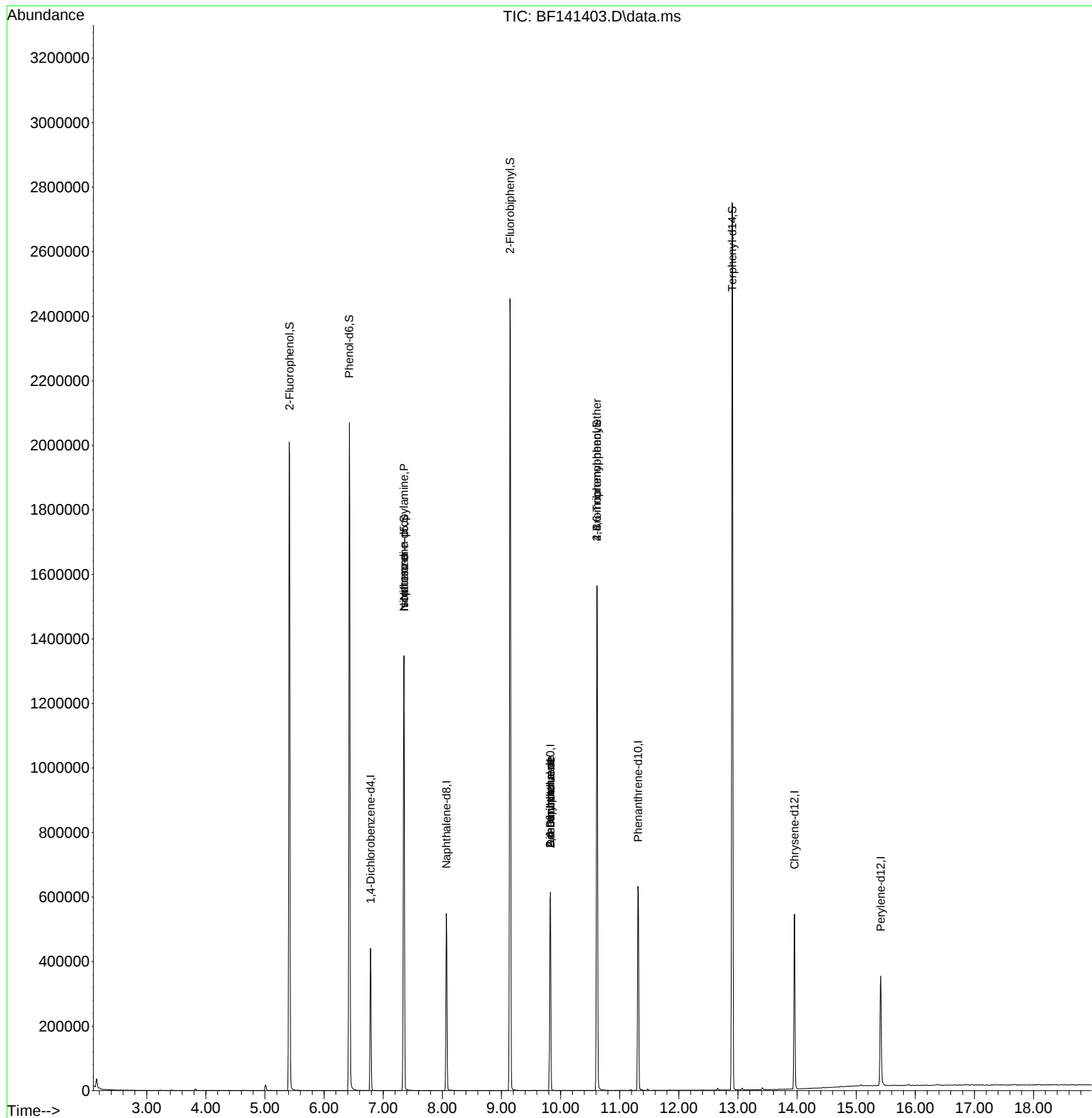
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	86908	20.000	ng	-0.02
21) Naphthalene-d8	8.069	136	345400	20.000	ng	-0.02
39) Acenaphthene-d10	9.827	164	190872	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	328979	20.000	ng	-0.02
76) Chrysene-d12	13.957	240	260911	20.000	ng	#-0.02
86) Perylene-d12	15.415	264	198151	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	737993	130.364	ng	0.00
7) Phenol-d6	6.428	99	905270	125.705	ng	-0.01
23) Nitrobenzene-d5	7.351	82	597586	91.206	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	246267	140.736	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	1122381	90.509	ng	-0.02
79) Terphenyl-d14	12.904	244	1374137	81.222	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.351	70	79340	18.541	ng	# 76
25) Isophorone	7.351	82	593289	52.384	ng	# 64
50) Dimethylphthalate	9.827	163	30484	2.365	ng	# 1
51) 2,6-Dinitrotoluene	9.827	165	23534	7.862	ng	# 23
57) 2,4-Dinitrotoluene	9.827	165	23534	6.073	ng	# 23
67) 4-Bromophenyl-phenylether	10.616	248	17431	4.733	ng	# 1

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

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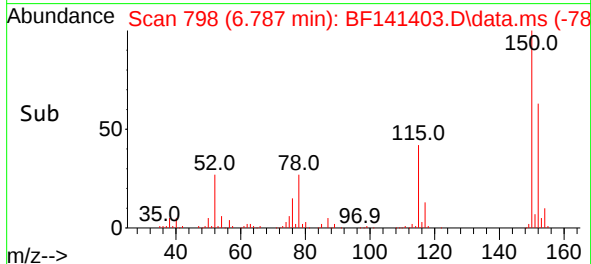
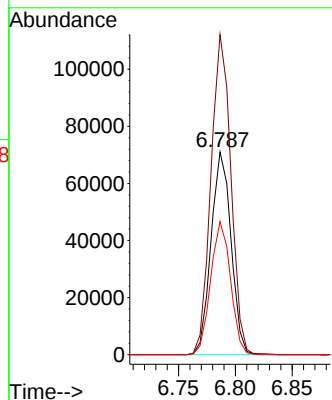
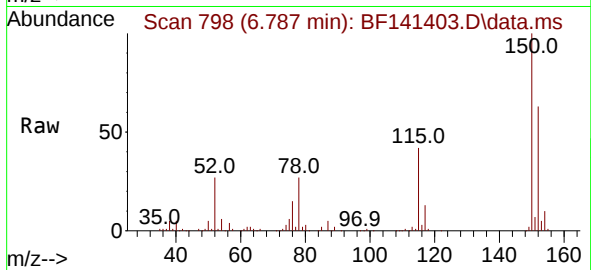




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.017 min
 Lab File: BF141403.D
 Acq: 04 Feb 2025 12:54

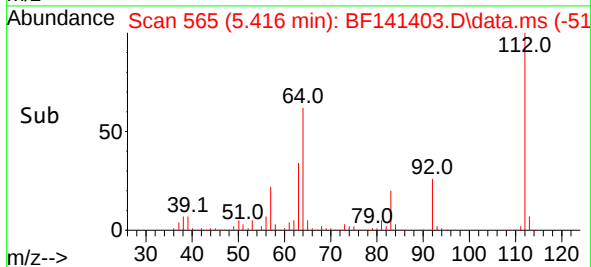
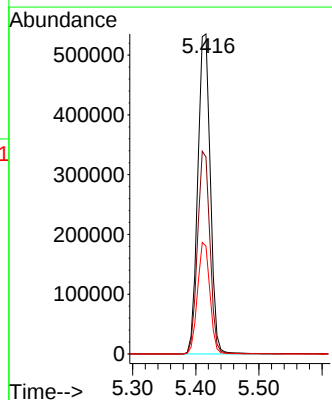
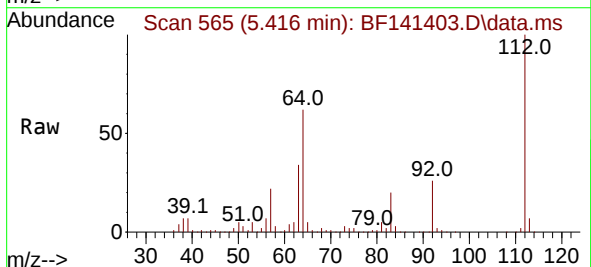
Instrument :
 BNA_F
 ClientSampleId :
 PB166465BL

Tgt Ion:152 Resp: 86908
 Ion Ratio Lower Upper
 152 100
 150 157.8 125.9 188.9
 115 65.6 49.7 74.5



#5
 2-Fluorophenol
 Concen: 130.364 ng
 RT: 5.416 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: BF141403.D
 Acq: 04 Feb 2025 12:54

Tgt Ion:112 Resp: 737993
 Ion Ratio Lower Upper
 112 100
 64 61.5 49.8 74.8
 63 33.7 26.1 39.1

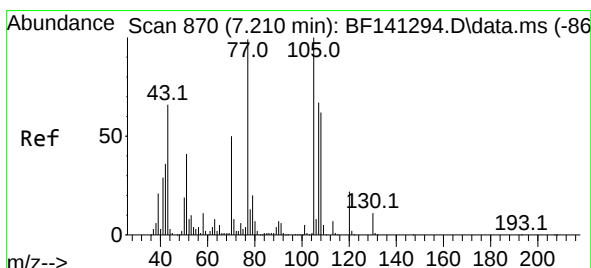
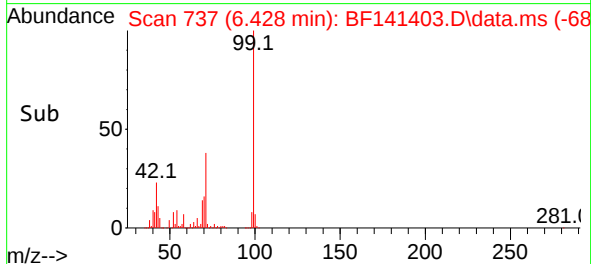
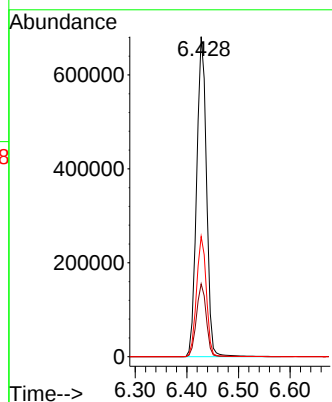
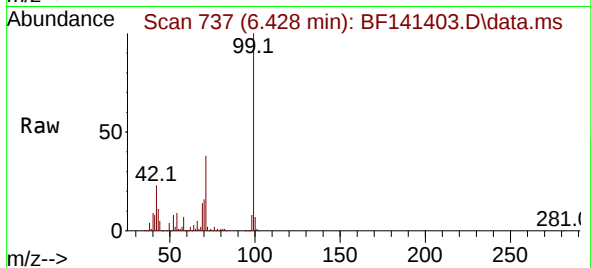




#7
Phenol-d6
Concen: 125.705 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141403.D
Acq: 04 Feb 2025 12:54

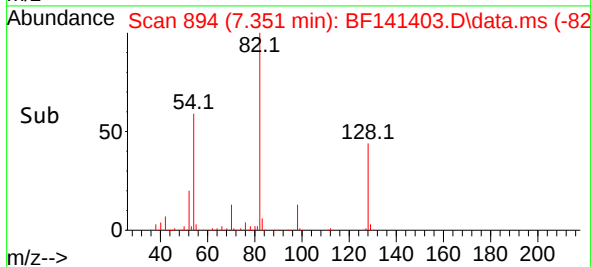
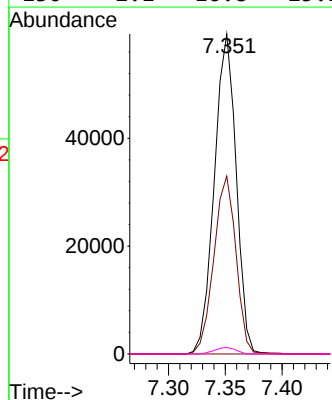
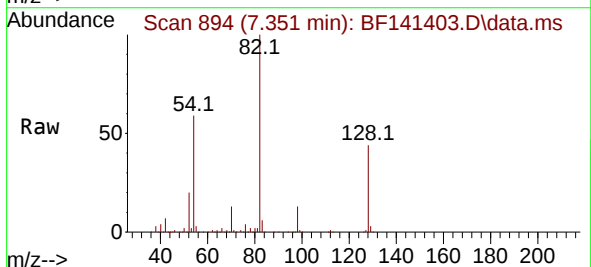
Instrument :
BNA_F
ClientSampleId :
PB166465BL

Tgt Ion: 99 Resp: 905270
Ion Ratio Lower Upper
99 100
42 22.8 17.1 25.7
71 37.5 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.541 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.123 min
Lab File: BF141403.D
Acq: 04 Feb 2025 12:54

Tgt Ion: 70 Resp: 79340
Ion Ratio Lower Upper
70 100
42 55.6 56.8 85.2#
101 0.0 7.7 11.5#
130 2.1 16.8 25.2#



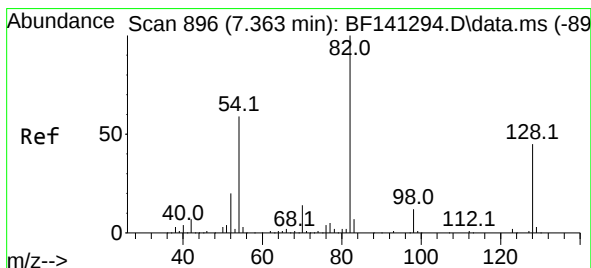
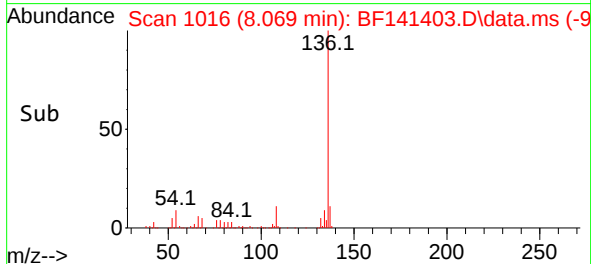
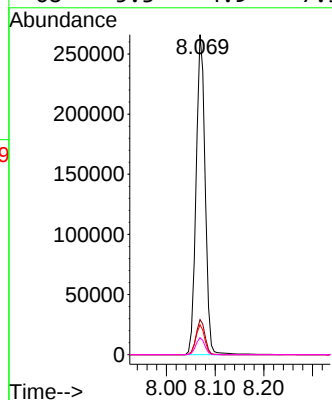
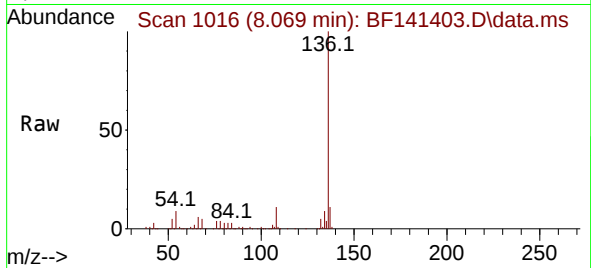


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF141403.D
Acq: 04 Feb 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166465BL

Tgt Ion:136 Resp: 345400

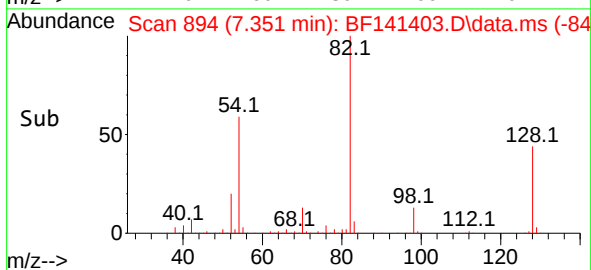
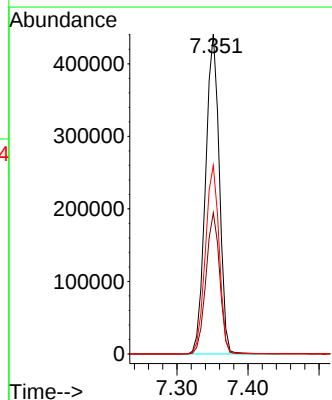
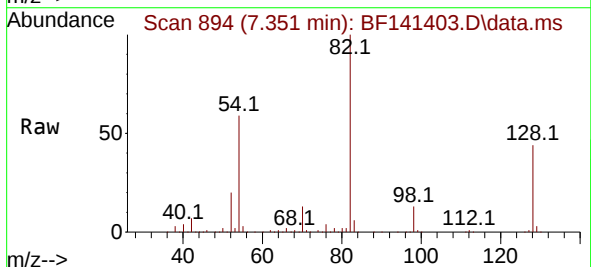
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.3	7.8	11.8
68	5.3	4.9	7.3



#23
Nitrobenzene-d5
Concen: 91.206 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.018 min
Lab File: BF141403.D
Acq: 04 Feb 2025 12:54

Tgt Ion: 82 Resp: 597586

Ion	Ratio	Lower	Upper
82	100		
128	44.1	35.7	53.5
54	58.9	47.1	70.7

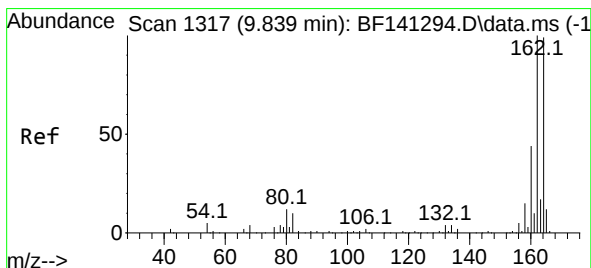
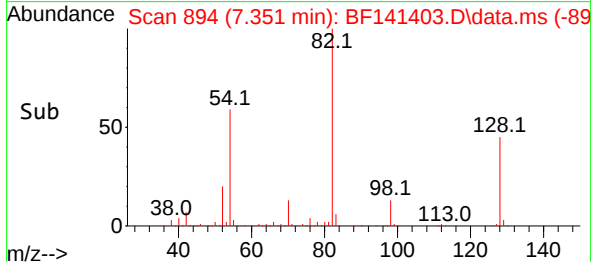
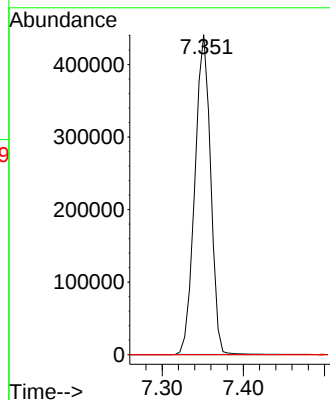
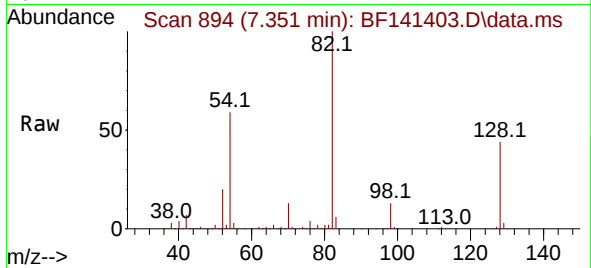




#25
Isophorone
Concen: 52.384 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.277 min
Lab File: BF141403.D
Acq: 04 Feb 2025 12:54

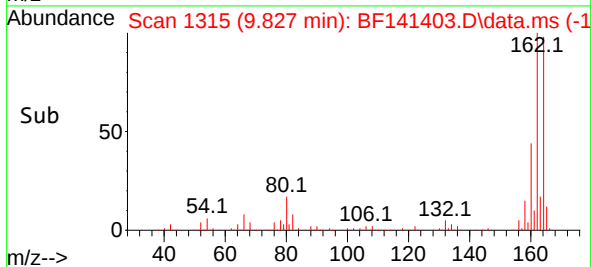
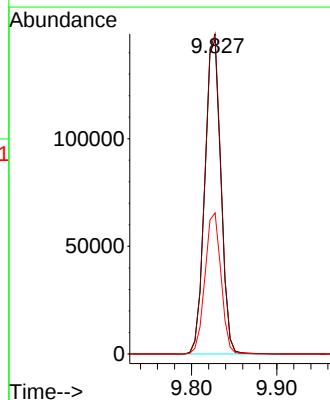
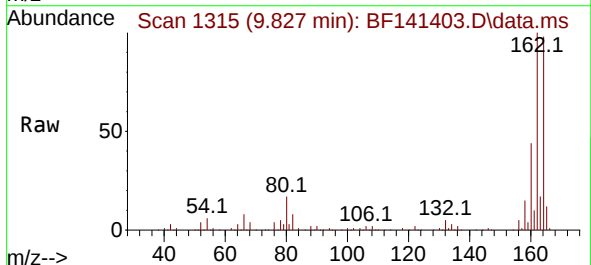
Instrument :
BNA_F
ClientSampleId :
PB166465BL

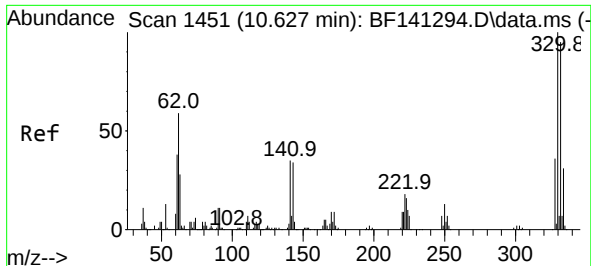
Tgt Ion: 82 Resp: 593289
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF141403.D
Acq: 04 Feb 2025 12:54

Tgt Ion: 164 Resp: 190872
Ion Ratio Lower Upper
164 100
162 101.8 80.6 121.0
160 44.9 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 140.736 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.018 min

Lab File: BF141403.D

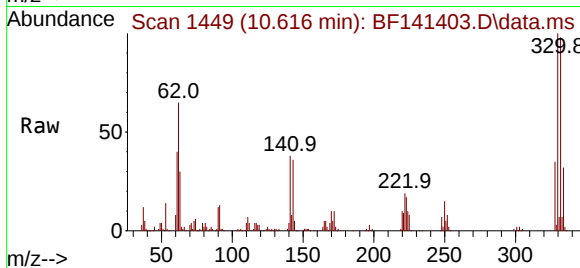
Acq: 04 Feb 2025 12:54

Instrument :

BNA_F

ClientSampleId :

PB166465BL



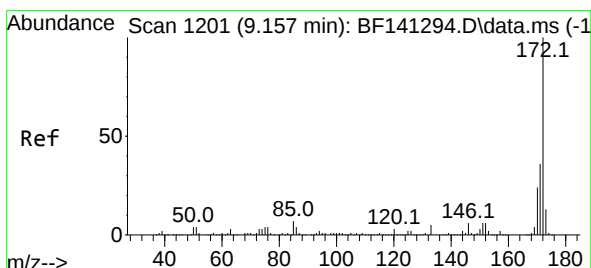
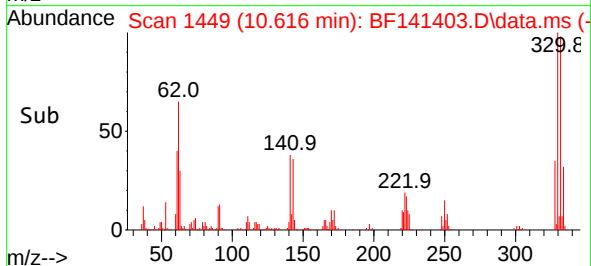
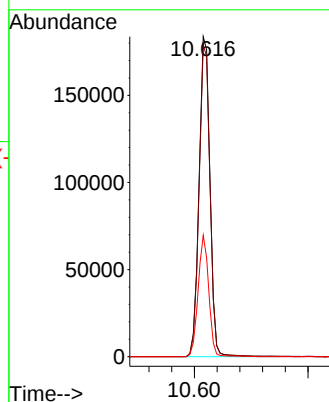
Tgt Ion:330 Resp: 246267

Ion Ratio Lower Upper

330 100

332 97.5 76.1 114.1

141 36.9 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 90.509 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.018 min

Lab File: BF141403.D

Acq: 04 Feb 2025 12:54

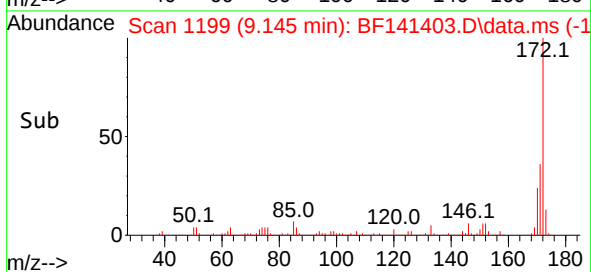
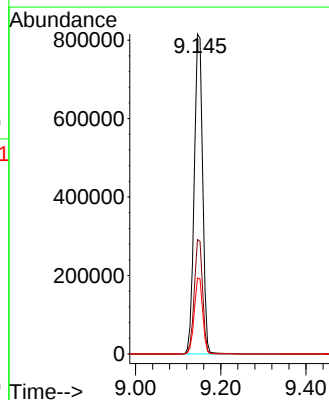
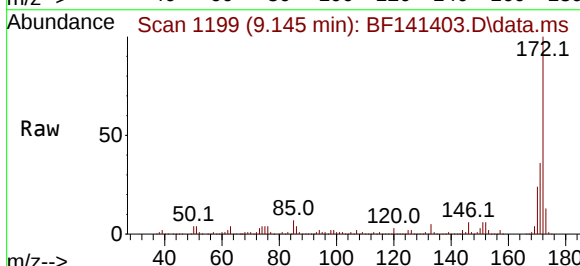
Tgt Ion:172 Resp: 1122381

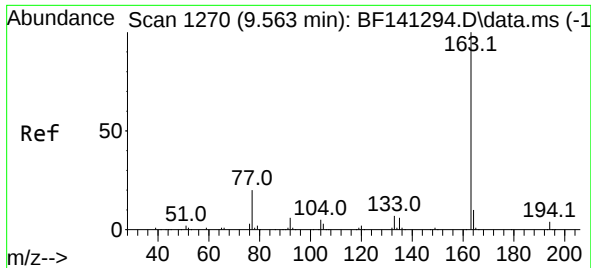
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.8 19.0 28.6

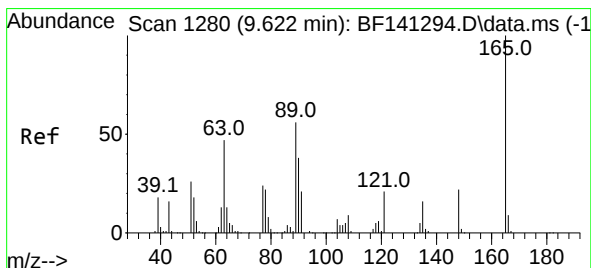
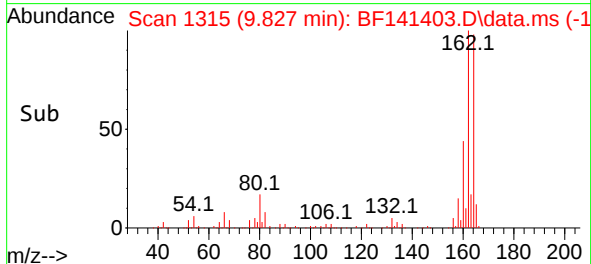
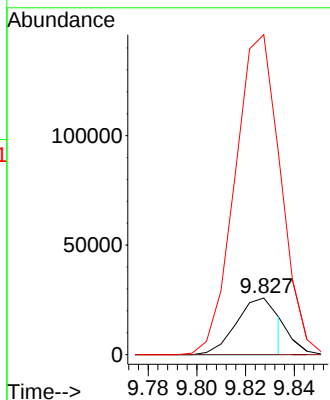
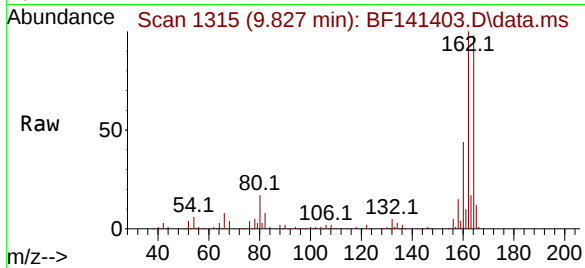




#50
Dimethylphthalate
Concen: 2.365 ng
RT: 9.827 min Scan# 1315
Delta R.T. 0.259 min
Lab File: BF141403.D
Acq: 04 Feb 2025 12:54

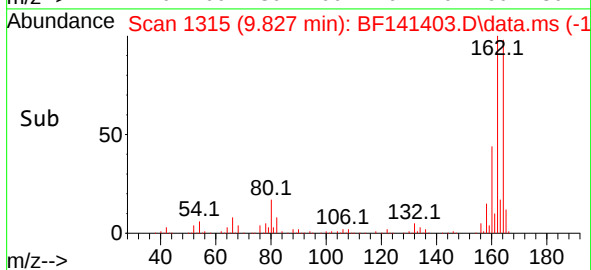
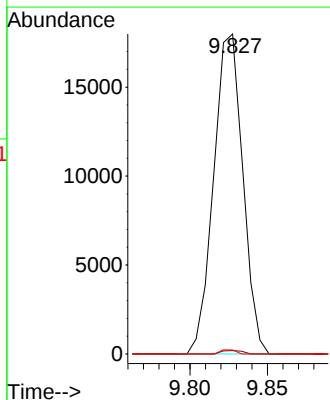
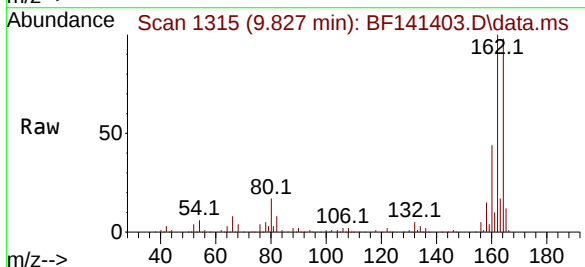
Instrument :
BNA_F
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PB166465BL

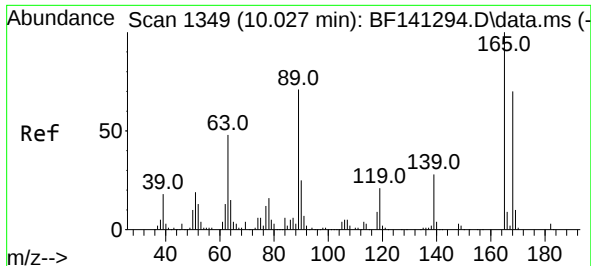
Tgt Ion:163 Resp: 30484
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 565.2 8.0 12.0#



#51
2,6-Dinitrotoluene
Concen: 7.862 ng
RT: 9.827 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF141403.D
Acq: 04 Feb 2025 12:54

Tgt Ion:165 Resp: 23534
Ion Ratio Lower Upper
165 100
63 1.1 48.1 72.1#
89 1.3 44.9 67.3#

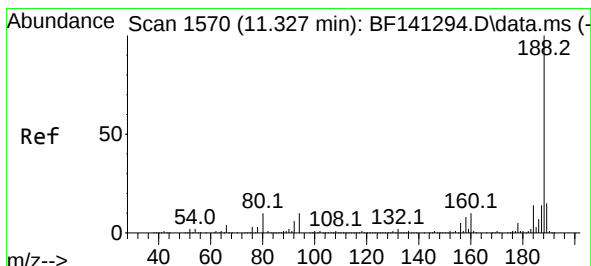
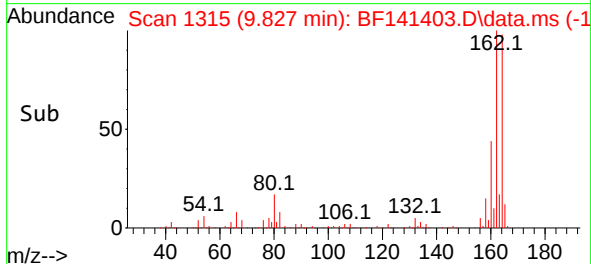
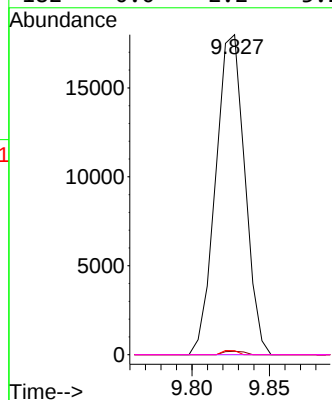
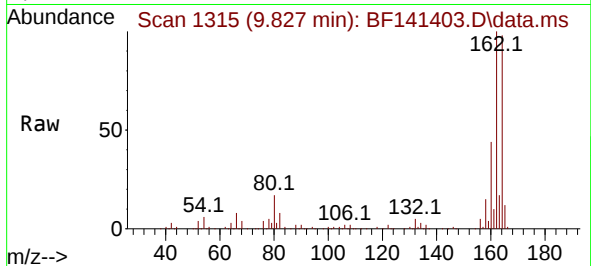




#57
2,4-Dinitrotoluene
Concen: 6.073 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF141403.D
Acq: 04 Feb 2025 12:54

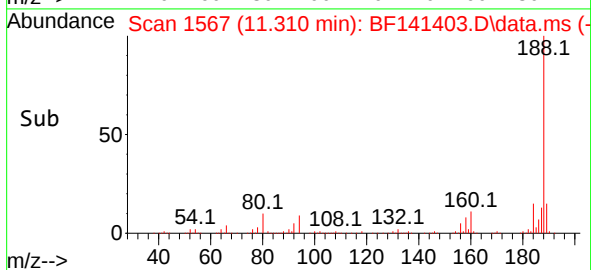
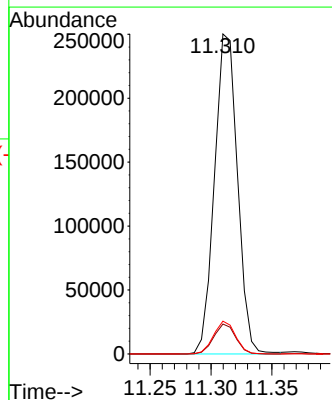
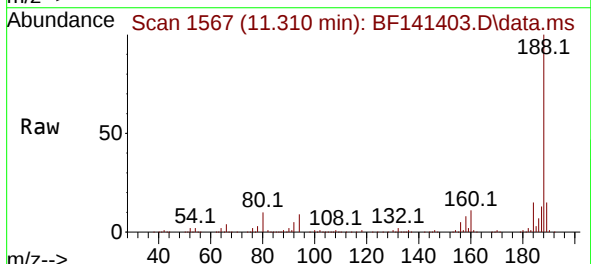
Instrument :
BNA_F
ClientSampleId :
PB166465BL

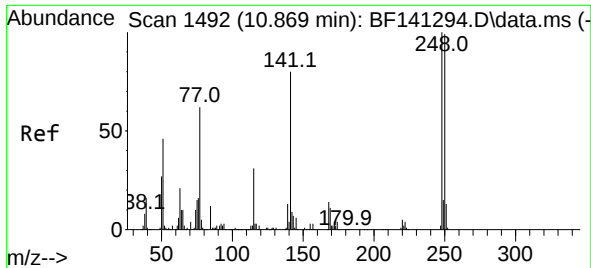
Tgt Ion:165 Resp: 23534
Ion Ratio Lower Upper
165 100
63 1.1 39.2 58.8#
89 1.3 56.9 85.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1567
Delta R.T. -0.018 min
Lab File: BF141403.D
Acq: 04 Feb 2025 12:54

Tgt Ion:188 Resp: 328979
Ion Ratio Lower Upper
188 100
94 9.4 7.8 11.6
80 10.2 8.2 12.4

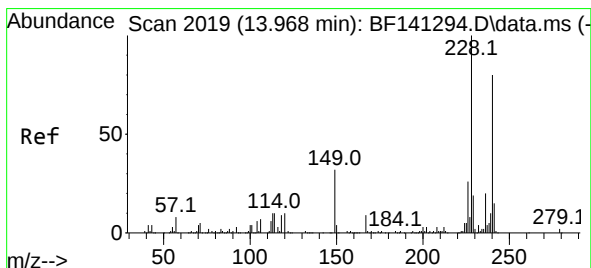
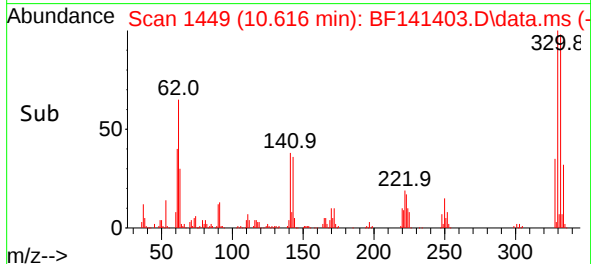
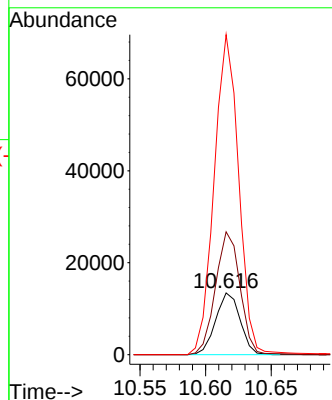
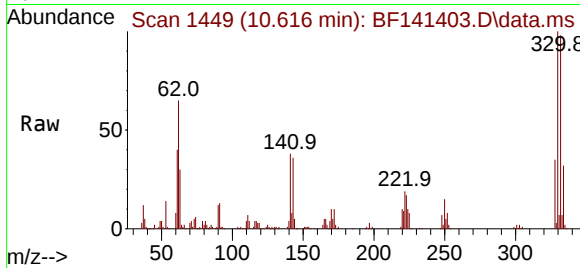




#67
4-Bromophenyl-phenylether
Concen: 4.733 ng
RT: 10.616 min Scan# 1492
Delta R.T. -0.259 min
Lab File: BF141403.D
Acq: 04 Feb 2025 12:54

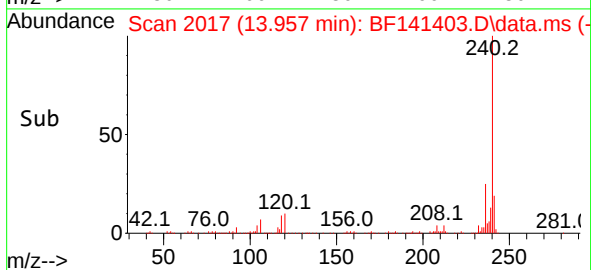
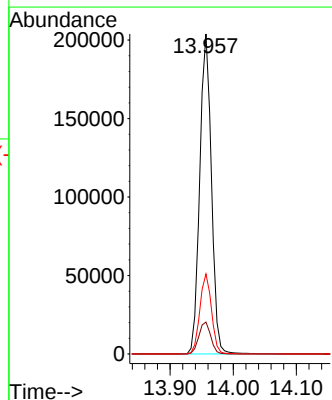
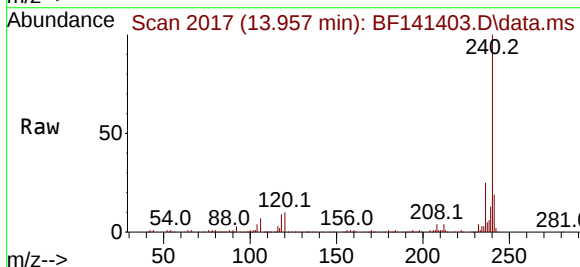
Instrument :
BNA_F
ClientSampleId :
PB166465BL

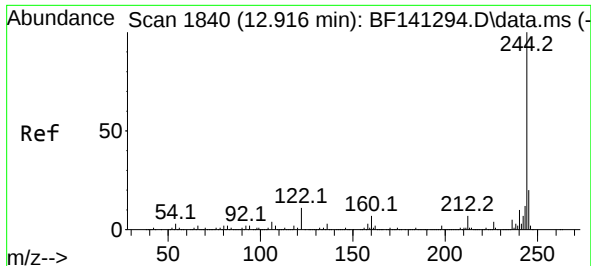
Tgt Ion:248 Resp: 17431
Ion Ratio Lower Upper
248 100
250 198.8 79.0 118.4#
141 517.5 63.7 95.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF141403.D
Acq: 04 Feb 2025 12:54

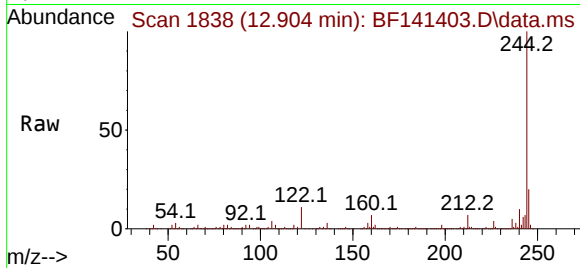
Tgt Ion:240 Resp: 260911
Ion Ratio Lower Upper
240 100
120 10.0 10.0 15.0#
236 25.0 19.7 29.5



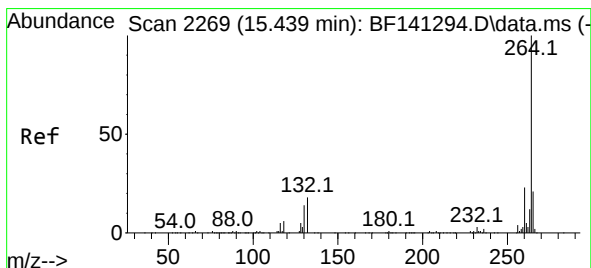
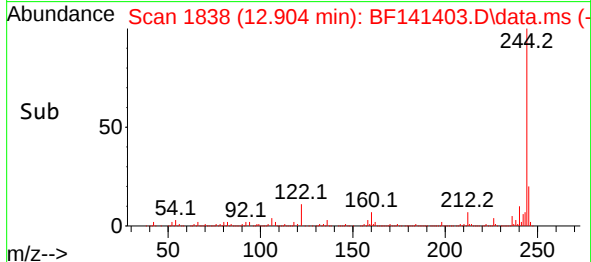
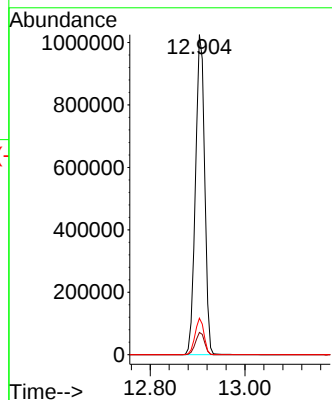


#79
 Terphenyl-d14
 Concen: 81.222 ng
 RT: 12.904 min Scan# 1838
 Delta R.T. -0.012 min
 Lab File: BF141403.D
 Acq: 04 Feb 2025 12:54

Instrument :
 BNA_F
 ClientSampleId :
 PB166465BL



Tgt Ion:244 Resp: 1374137
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 11.4 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2265
 Delta R.T. -0.024 min
 Lab File: BF141403.D
 Acq: 04 Feb 2025 12:54

Tgt Ion:264 Resp: 198151
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 27.8
 265 21.6 16.7 25.1

