

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
 Data File : BF141440.D
 Acq On : 05 Feb 2025 12:13
 Operator : RC/JU
 Sample : PB166418BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166418BL

Quant Time: Feb 05 12:36:50 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)

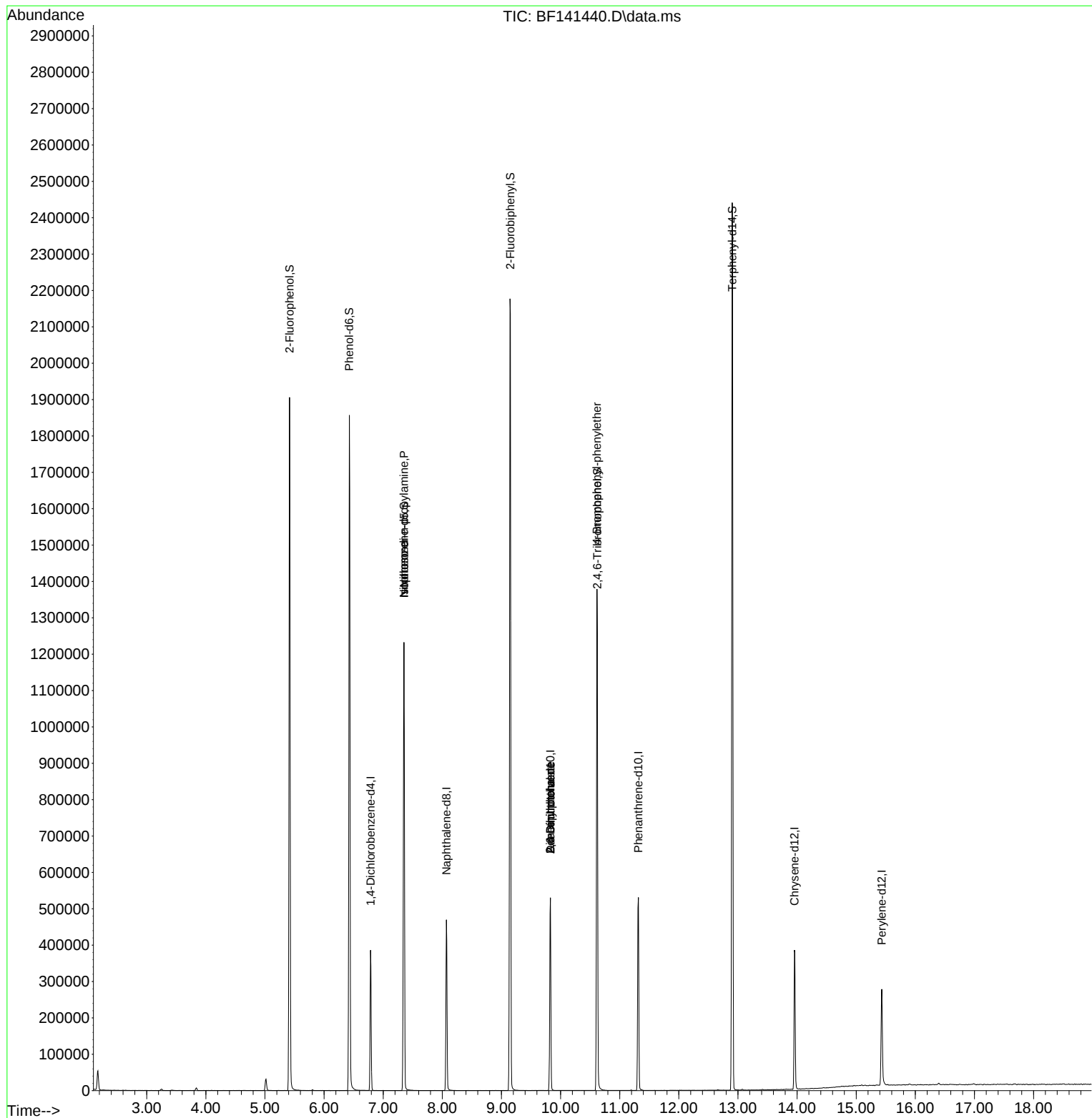
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	76450	20.000	ng	-0.02
21) Naphthalene-d8	8.069	136	302478	20.000	ng	-0.02
39) Acenaphthene-d10	9.827	164	163001	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	280778	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	198135	20.000	ng	#-0.02
86) Perylene-d12	15.433	264	160441	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	666000	133.740	ng	0.00
7) Phenol-d6	6.428	99	816442	128.879	ng	-0.01
23) Nitrobenzene-d5	7.351	82	551203	96.065	ng	-0.02
42) 2,4,6-Tribromophenol	10.621	330	220153	147.324	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1022355	96.539	ng	-0.01
79) Terphenyl-d14	12.904	244	1211621	94.307	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	76775	20.396	ng	# 75
25) Isophorone	7.351	82	545608	55.010	ng	# 64
50) Dimethylphthalate	9.827	163	24993	2.270	ng	# 1
51) 2,6-Dinitrotoluene	9.827	165	21757	8.512	ng	# 24
57) 2,4-Dinitrotoluene	9.827	165	21757	6.574	ng	# 23
67) 4-Bromophenyl-phenylether	10.616	248	14799	4.708	ng	# 1

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

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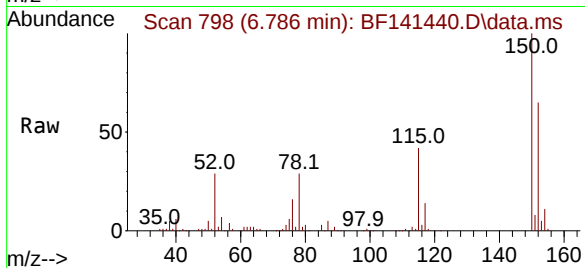
Quant Time: Feb 05 12:36:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration



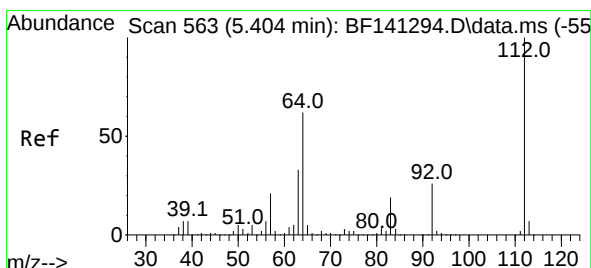
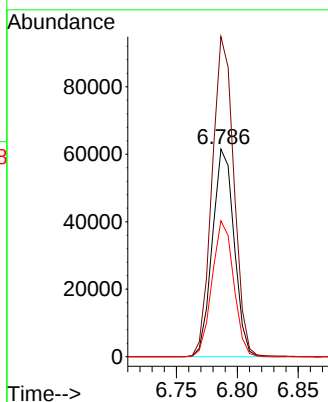
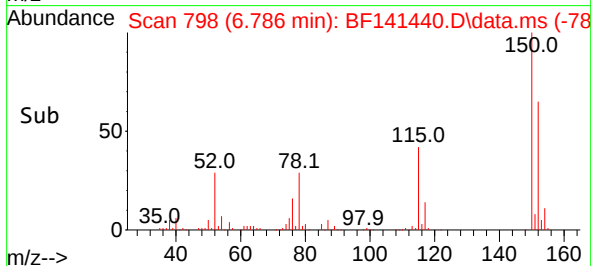


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.786 min Scan# 79
 Delta R.T. -0.018 min
 Lab File: BF141440.D
 Acq: 05 Feb 2025 12:13

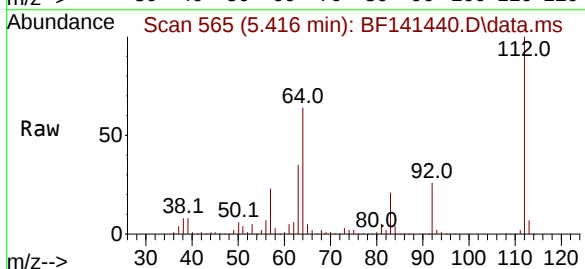
Instrument :
 BNA_F
 ClientSampleId :
 PB166418BL



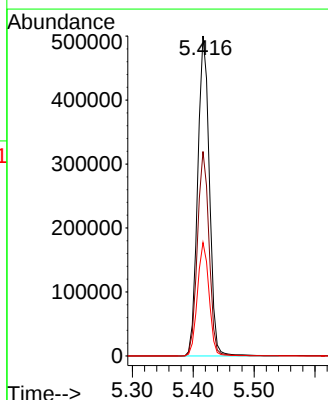
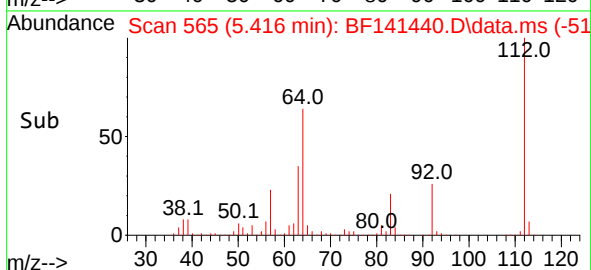
Tgt Ion:152 Resp: 76450
 Ion Ratio Lower Upper
 152 100
 150 154.3 125.9 188.9
 115 65.5 49.7 74.5

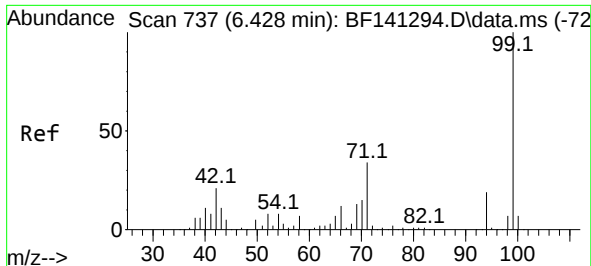


#5
 2-Fluorophenol
 Concen: 133.740 ng
 RT: 5.416 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: BF141440.D
 Acq: 05 Feb 2025 12:13



Tgt Ion:112 Resp: 666000
 Ion Ratio Lower Upper
 112 100
 64 63.9 49.8 74.8
 63 35.5 26.1 39.1

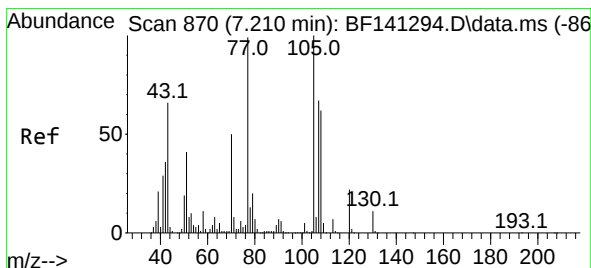
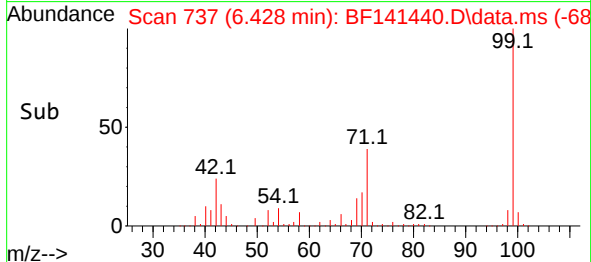
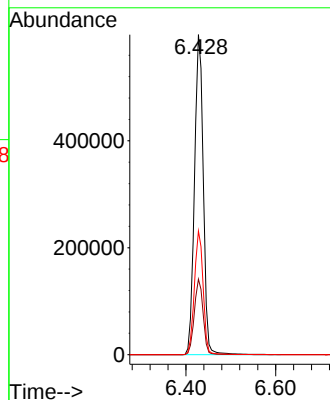
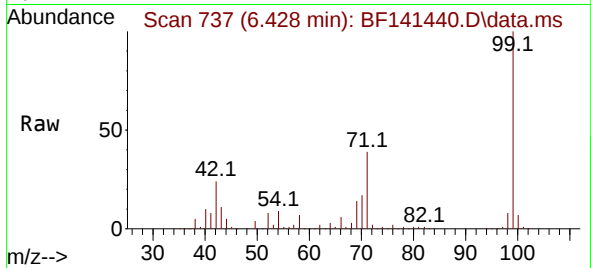




#7
Phenol-d6
Concen: 128.879 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141440.D
Acq: 05 Feb 2025 12:13

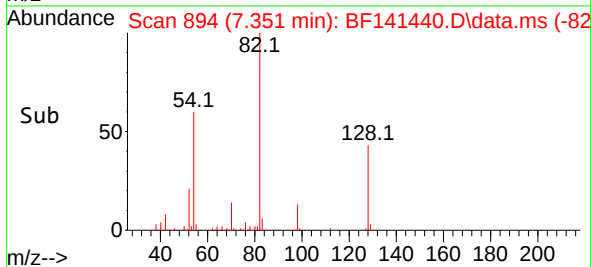
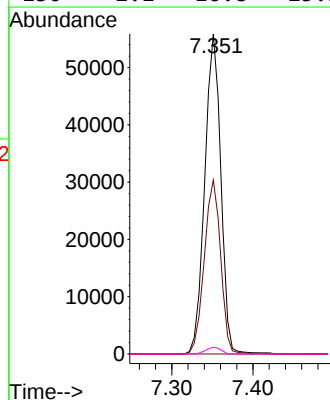
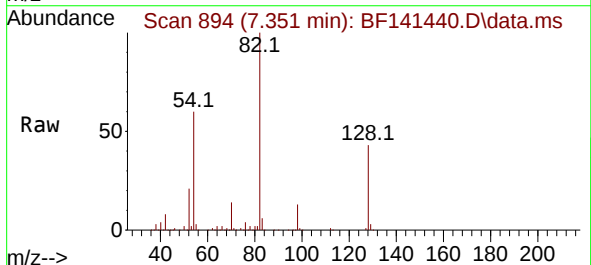
Instrument :
BNA_F
ClientSampleId :
PB166418BL

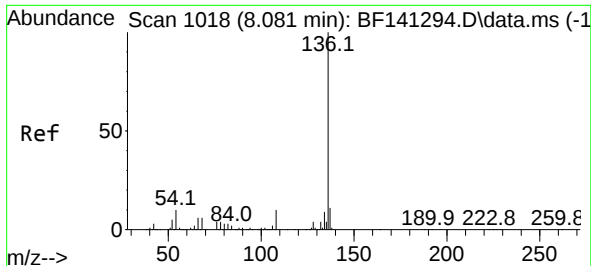
Tgt Ion: 99 Resp: 816442
Ion Ratio Lower Upper
99 100
42 23.6 17.1 25.7
71 38.7 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 20.396 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.123 min
Lab File: BF141440.D
Acq: 05 Feb 2025 12:13

Tgt Ion: 70 Resp: 76775
Ion Ratio Lower Upper
70 100
42 54.3 56.8 85.2#
101 0.0 7.7 11.5#
130 2.1 16.8 25.2#



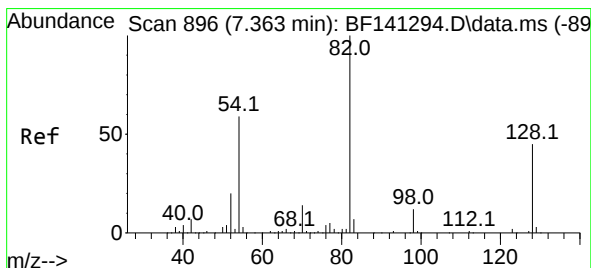
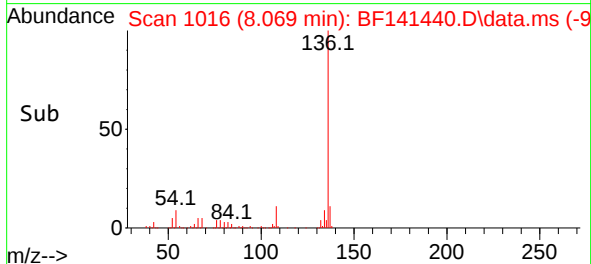
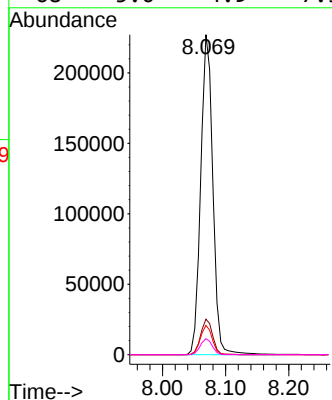
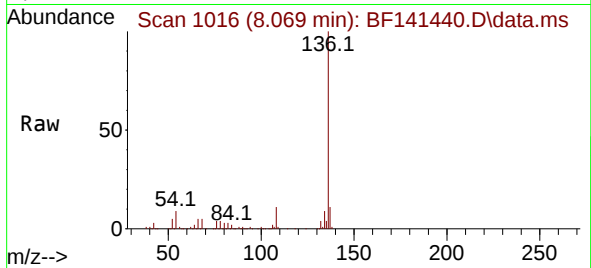


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF141440.D
Acq: 05 Feb 2025 12:13

Instrument :
BNA_F
ClientSampleId :
PB166418BL

Tgt Ion:136 Resp: 302478

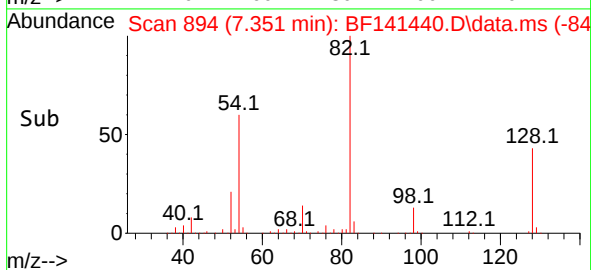
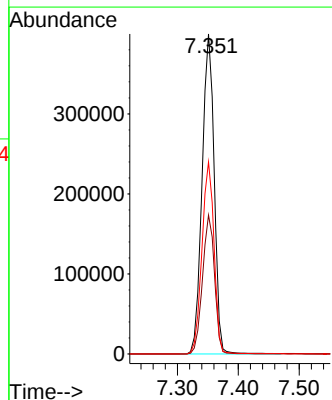
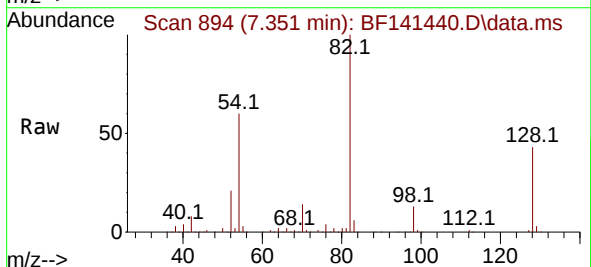
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	9.2	7.8	11.8
68	5.0	4.9	7.3

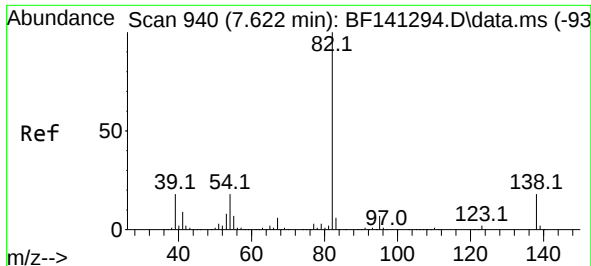


#23
Nitrobenzene-d5
Concen: 96.065 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.018 min
Lab File: BF141440.D
Acq: 05 Feb 2025 12:13

Tgt Ion: 82 Resp: 551203

Ion	Ratio	Lower	Upper
82	100		
128	43.4	35.7	53.5
54	60.0	47.1	70.7

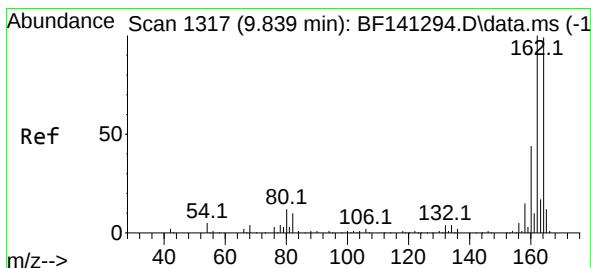
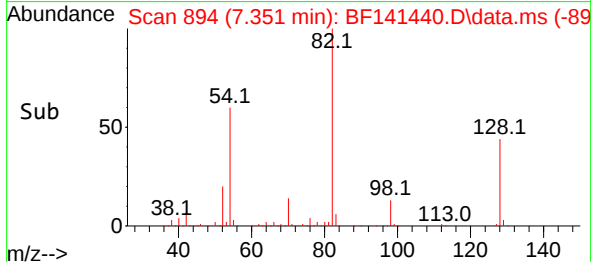
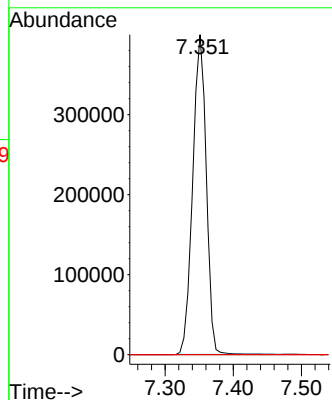
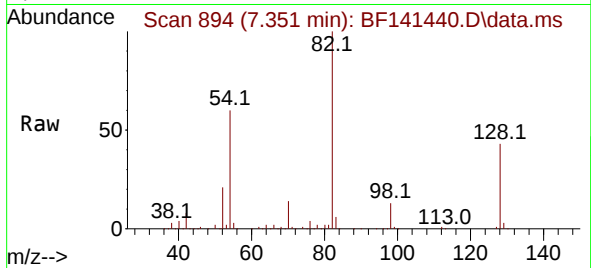




#25
Isophorone
Concen: 55.010 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.277 min
Lab File: BF141440.D
Acq: 05 Feb 2025 12:13

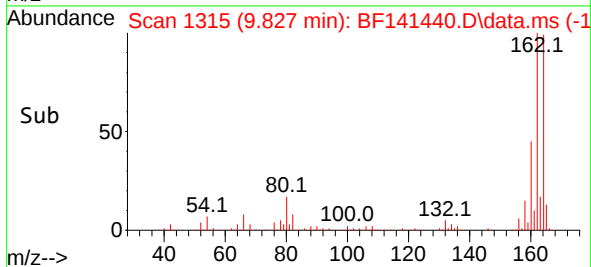
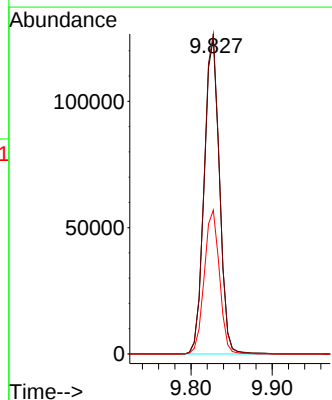
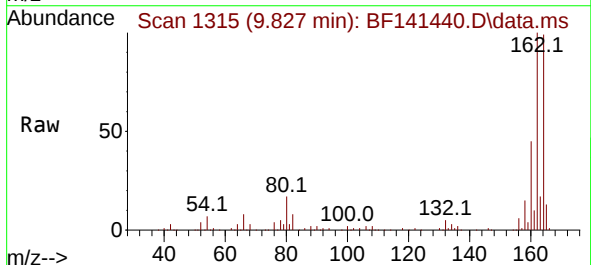
Instrument :
BNA_F
ClientSampleId :
PB166418BL

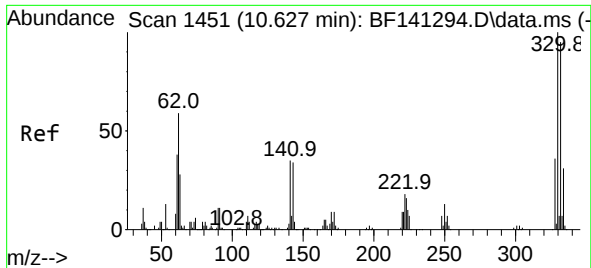
Tgt Ion: 82 Resp: 545608
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF141440.D
Acq: 05 Feb 2025 12:13

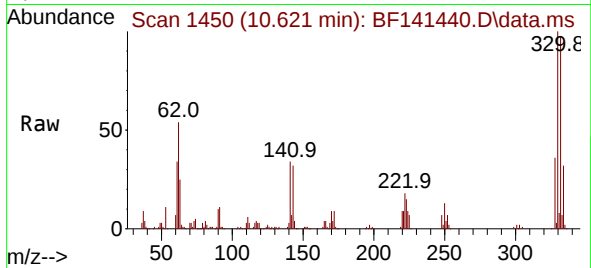
Tgt Ion: 164 Resp: 163001
Ion Ratio Lower Upper
164 100
162 101.3 80.6 121.0
160 45.5 35.8 53.6



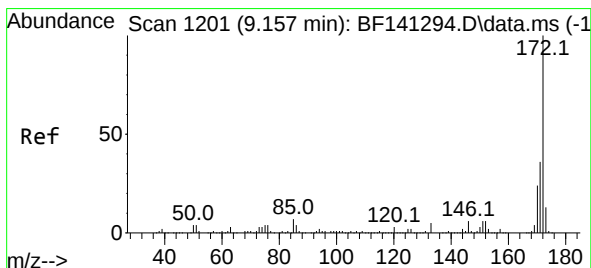
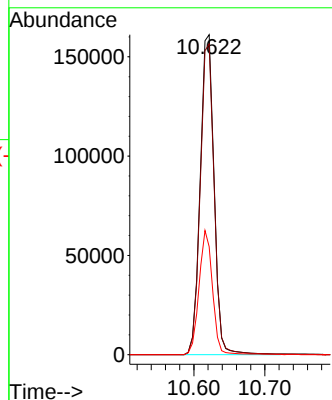
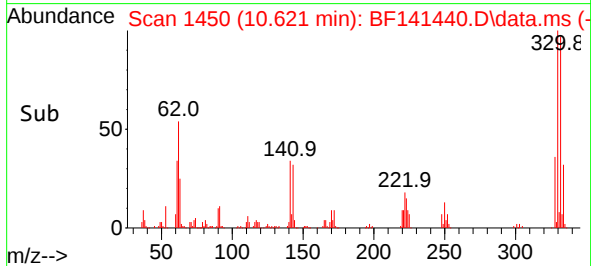


#42
2,4,6-Tribromophenol
Concen: 147.324 ng
RT: 10.621 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF141440.D
Acq: 05 Feb 2025 12:13

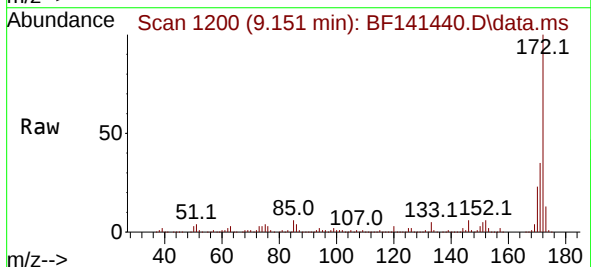
Instrument :
BNA_F
ClientSampleId :
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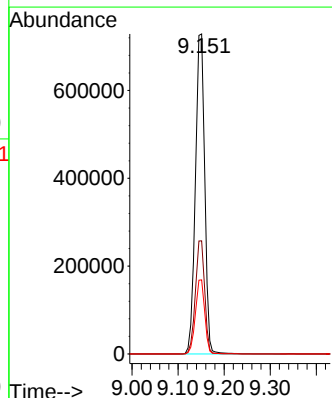
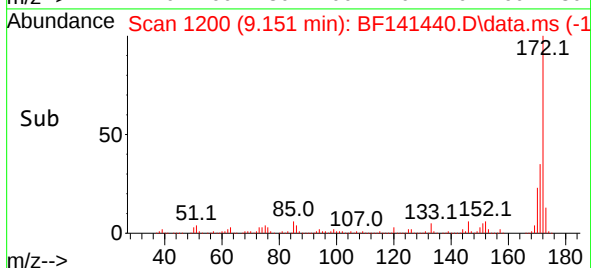
Tgt Ion:330 Resp: 220153
Ion Ratio Lower Upper
330 100
332 97.3 76.1 114.1
141 37.6 28.8 43.2

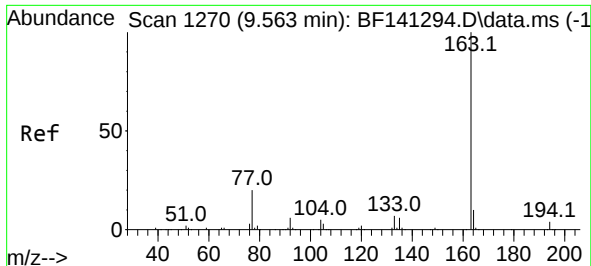


#45
2-Fluorobiphenyl
Concen: 96.539 ng
RT: 9.151 min Scan# 1200
Delta R.T. -0.012 min
Lab File: BF141440.D
Acq: 05 Feb 2025 12:13



Tgt Ion:172 Resp: 1022355
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 23.1 19.0 28.6

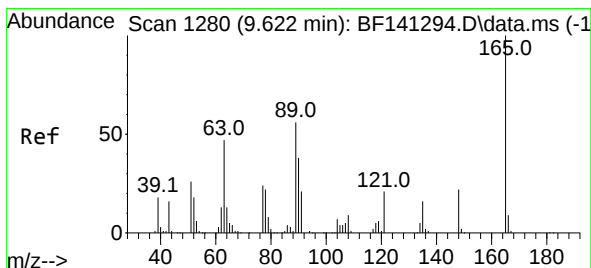
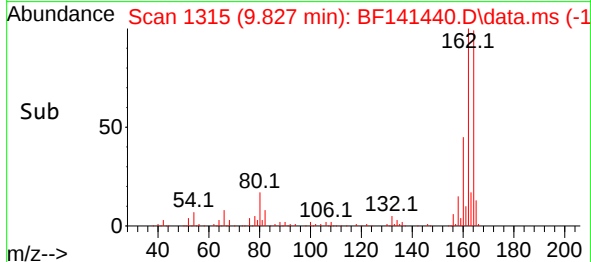
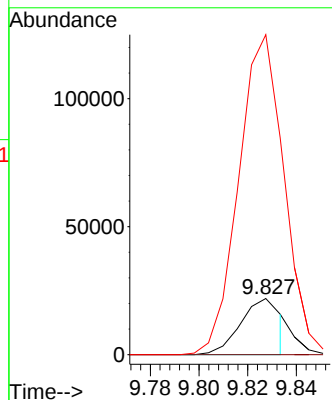
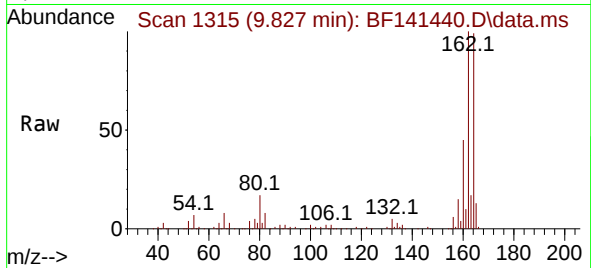




#50
Dimethylphthalate
Concen: 2.270 ng
RT: 9.827 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF141440.D
Acq: 05 Feb 2025 12:13

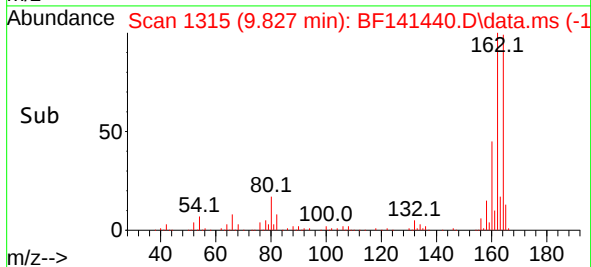
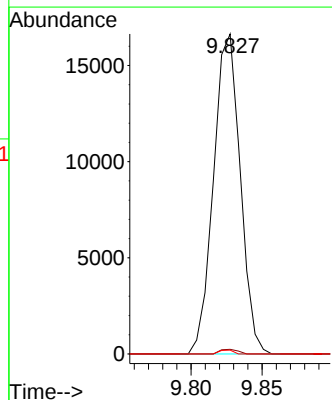
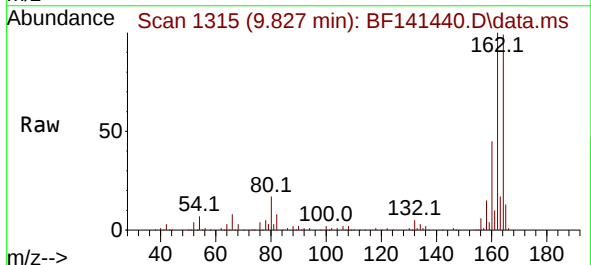
Instrument :
BNA_F
ClientSampleId :
PB166418BL

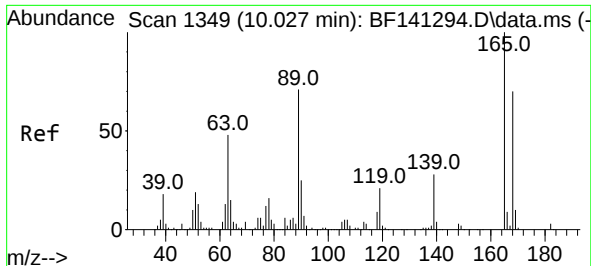
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Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 570.4 8.0 12.0#



#51
2,6-Dinitrotoluene
Concen: 8.512 ng
RT: 9.827 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF141440.D
Acq: 05 Feb 2025 12:13

Tgt Ion:165 Resp: 21757
Ion Ratio Lower Upper
165 100
63 1.4 48.1 72.1#
89 1.2 44.9 67.3#

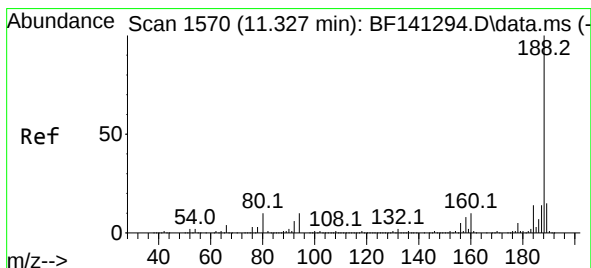
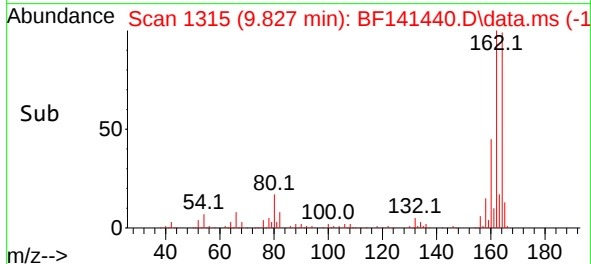
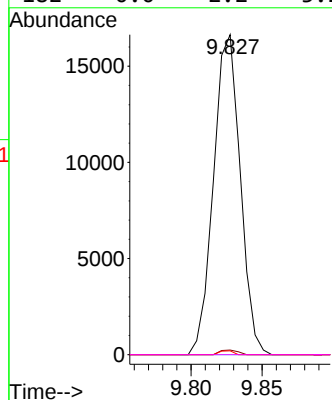
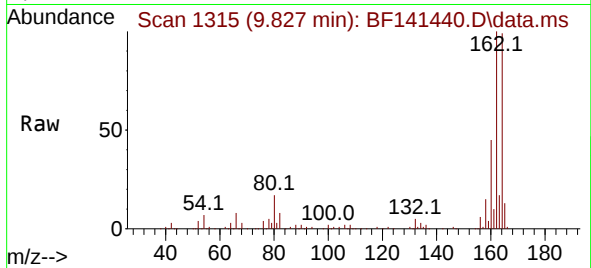




#57
2,4-Dinitrotoluene
Concen: 6.574 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF141440.D
Acq: 05 Feb 2025 12:13

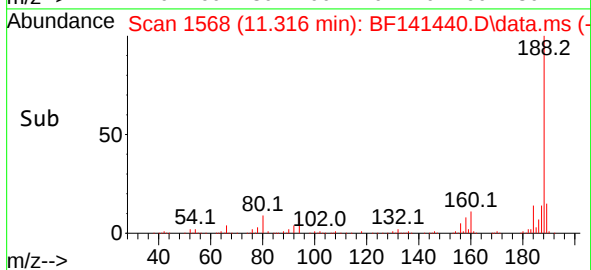
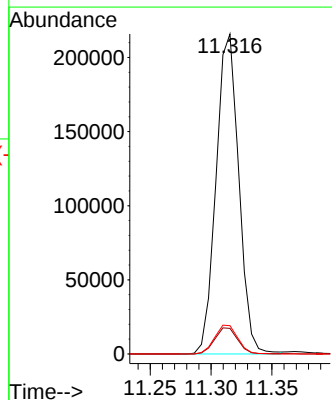
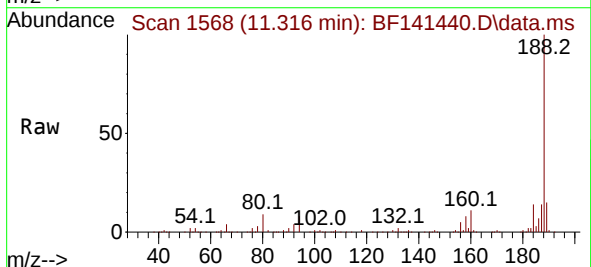
Instrument :
BNA_F
ClientSampleId :
PB166418BL

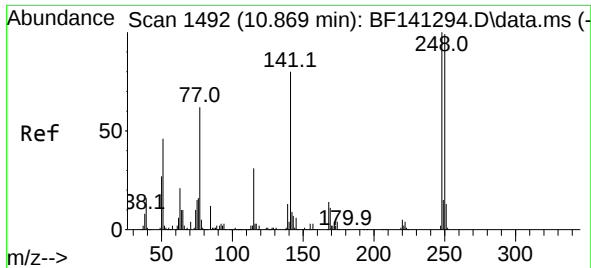
Tgt Ion:165 Resp: 21757
Ion Ratio Lower Upper
165 100
63 1.4 39.2 58.8#
89 1.2 56.9 85.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF141440.D
Acq: 05 Feb 2025 12:13

Tgt Ion:188 Resp: 280778
Ion Ratio Lower Upper
188 100
94 8.0 7.8 11.6
80 8.9 8.2 12.4

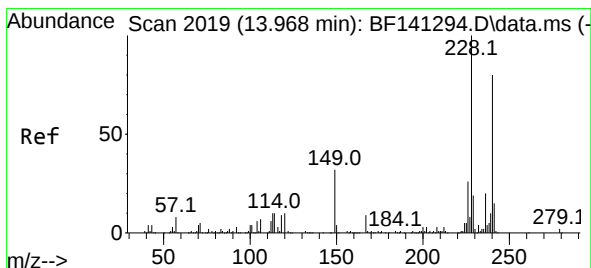
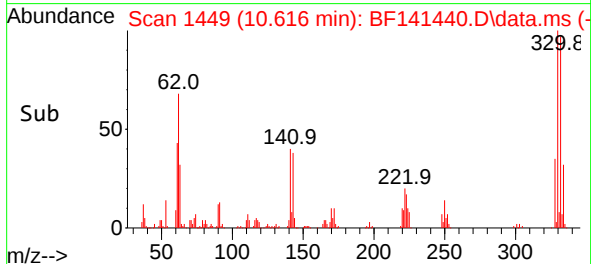
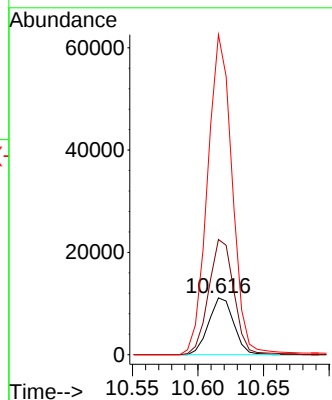
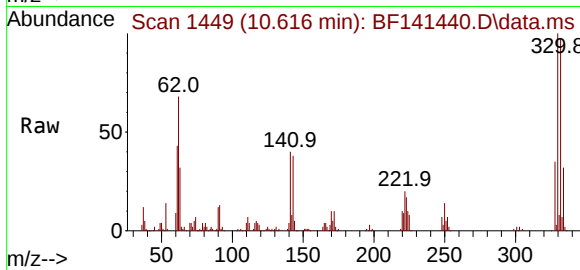




#67
4-Bromophenyl-phenylether
Concen: 4.708 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.259 min
Lab File: BF141440.D
Acq: 05 Feb 2025 12:13

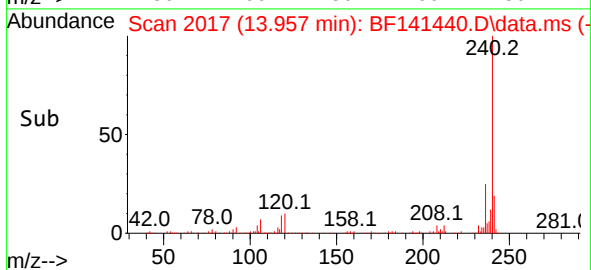
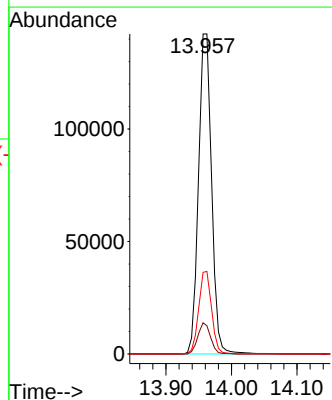
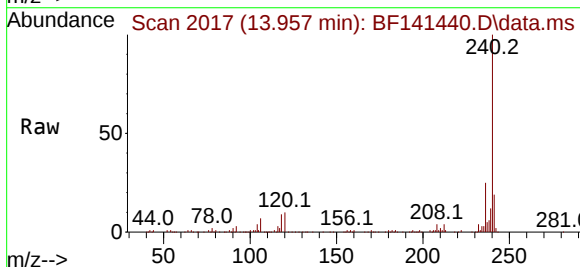
Instrument :
BNA_F
ClientSampleId :
PB166418BL

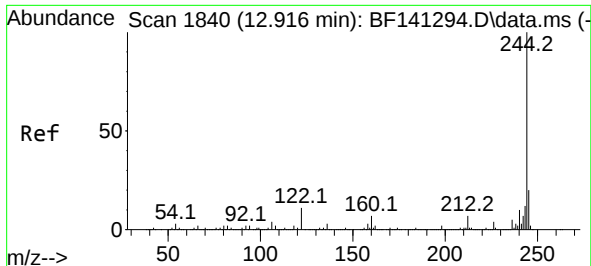
Tgt Ion:248 Resp: 14799
Ion Ratio Lower Upper
248 100
250 202.7 79.0 118.4#
141 563.0 63.7 95.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF141440.D
Acq: 05 Feb 2025 12:13

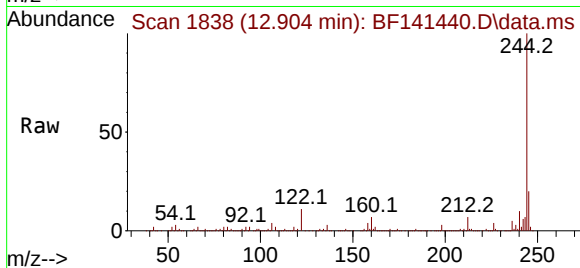
Tgt Ion:240 Resp: 198135
Ion Ratio Lower Upper
240 100
120 9.8 10.0 15.0#
236 25.5 19.7 29.5



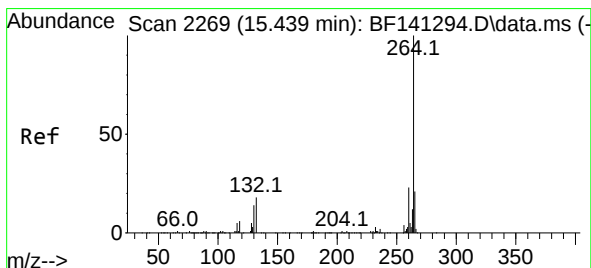
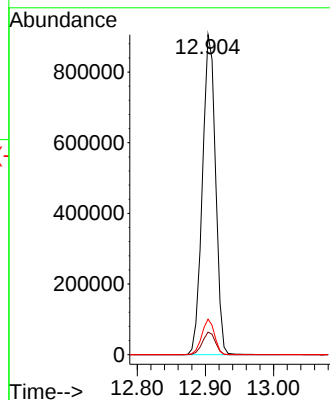
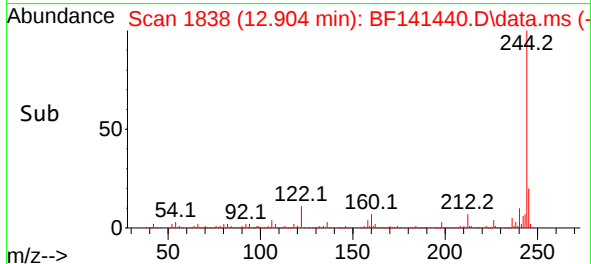


#79
 Terphenyl-d14
 Concen: 94.307 ng
 RT: 12.904 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF141440.D
 Acq: 05 Feb 2025 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB166418BL



Tgt Ion:244 Resp: 1211621
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 11.1 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: BF141440.D
 Acq: 05 Feb 2025 12:13

Tgt Ion:264 Resp: 160441
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.6 27.8
 265 21.2 16.7 25.1

