

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
 Data File : BF134916.D
 Acq On : 24 Aug 2023 10:28
 Operator : CG\JU
 Sample : PB154990BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154990BL

Quant Time: Aug 25 01:16:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 22 19:33:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

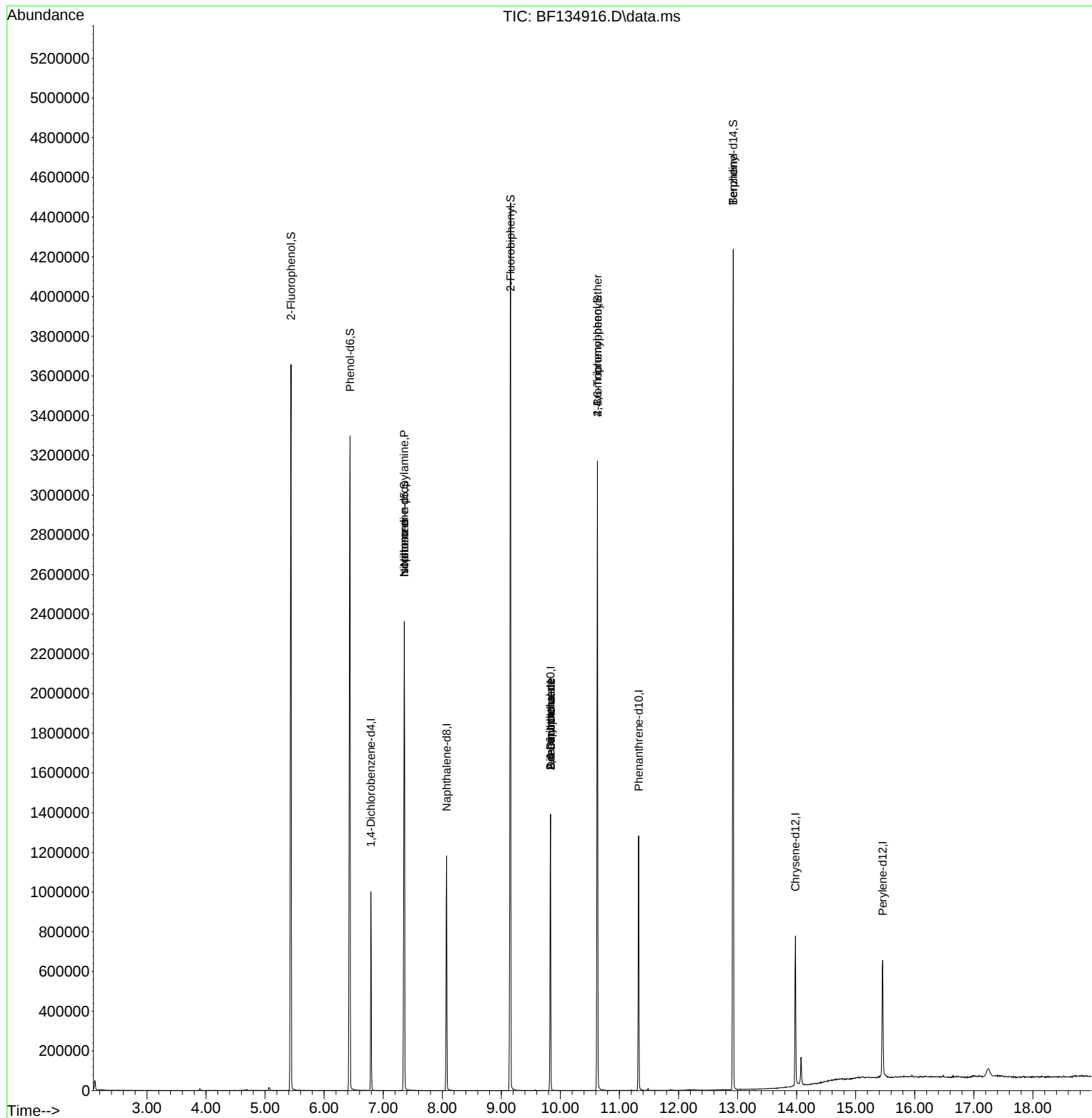
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	132434	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	537246	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	274431	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	509614	20.000	ng	0.00
76) Chrysene-d12	13.980	240	247958	20.000	ng	0.00
86) Perylene-d12	15.457	264	282904	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1064669	128.198	ng	0.02
7) Phenol-d6	6.440	99	1319198	124.311	ng	0.00
23) Nitrobenzene-d5	7.357	82	848029	86.980	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	404367	125.109	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1516766	85.441	ng	0.00
79) Terphenyl-d14	12.927	244	1565971	86.863	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.357	70	114352	18.450	ng	# 80
25) Isophorone	7.357	82	837694	46.013	ng	# 64
50) Dimethylphthalate	9.833	163	57053	2.921	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	35749	8.297	ng	# 28
57) 2,4-Dinitrotoluene	9.833	165	35749	6.709	ng	# 25
67) 4-Bromophenyl-phenylether	10.628	248	25580	4.351	ng	# 1
77) Benizidine	12.927	184	19313	4.801	ng	# 93

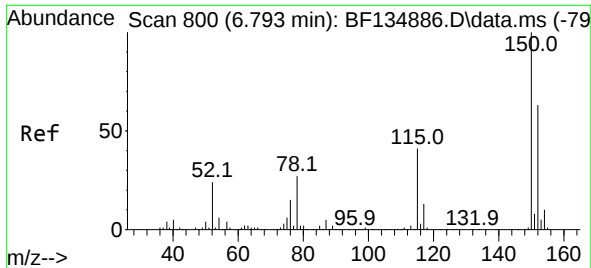
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
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BNA_F
ClientSampleId :
PB154990BL

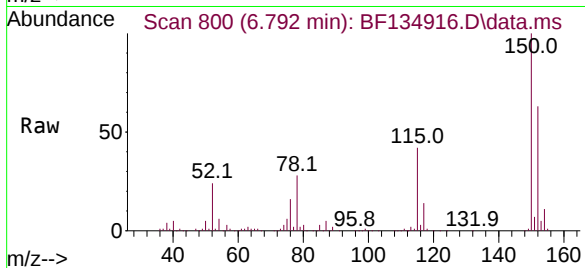
Quant Time: Aug 25 01:16:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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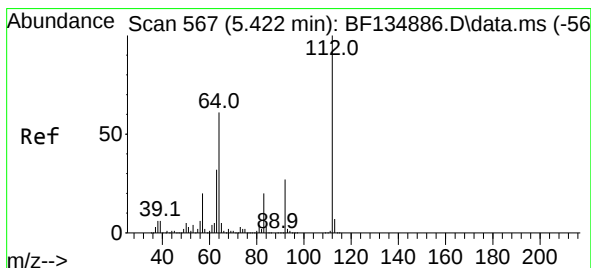
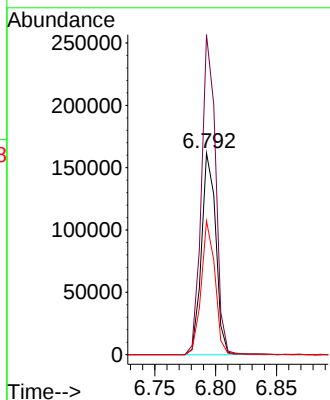
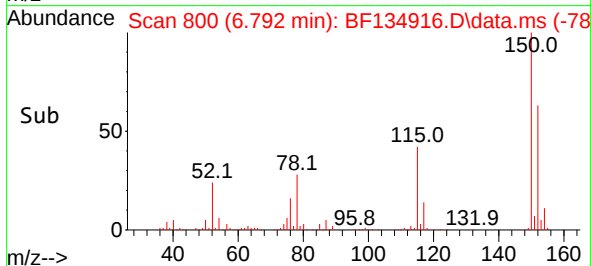


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 80
Delta R.T. -0.001 min
Lab File: BF134916.D
Acq: 24 Aug 2023 10:28

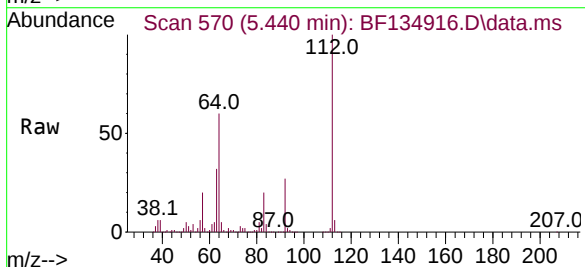
Instrument :
BNA_F
ClientSampleId :
PB154990BL



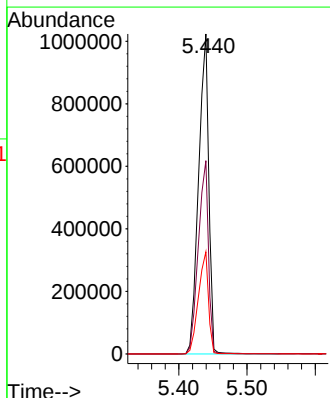
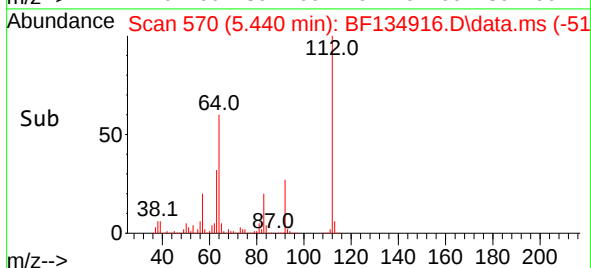
Tgt Ion:152 Resp: 132434
Ion Ratio Lower Upper
152 100
150 158.8 126.1 189.1
115 66.3 51.1 76.7

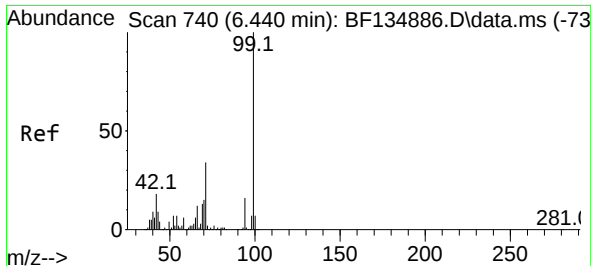


#5
2-Fluorophenol
Concen: 128.198 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.018 min
Lab File: BF134916.D
Acq: 24 Aug 2023 10:28



Tgt Ion:112 Resp: 1064669
Ion Ratio Lower Upper
112 100
64 60.4 48.6 73.0
63 31.9 25.7 38.5

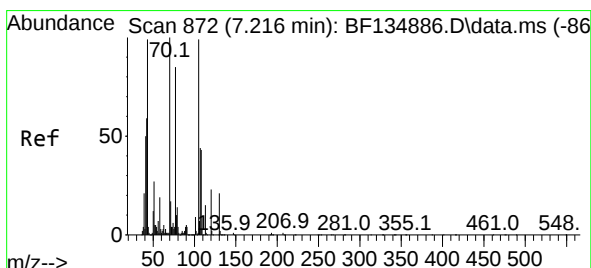
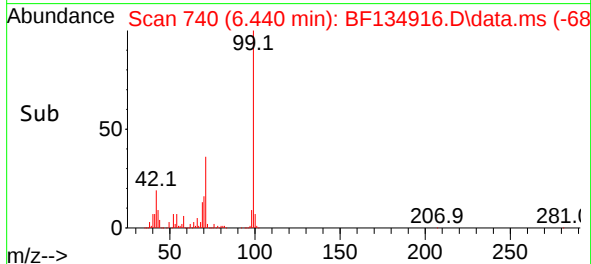
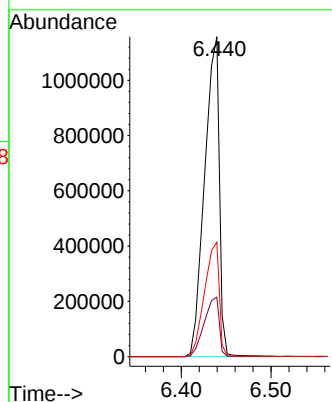
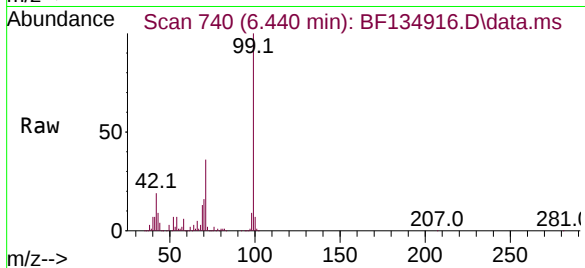




#7
Phenol-d6
Concen: 124.311 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF134916.D
Acq: 24 Aug 2023 10:28

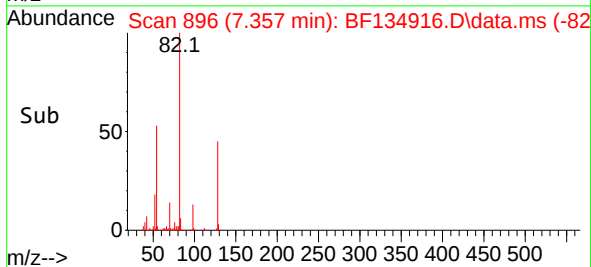
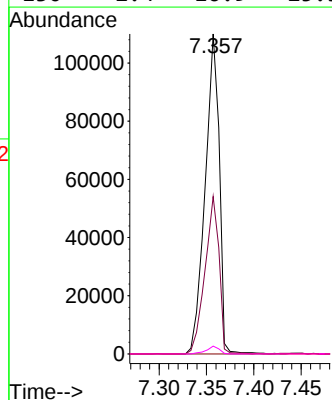
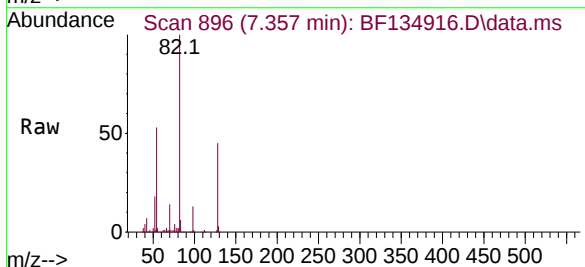
Instrument :
BNA_F
ClientSampleId :
PB154990BL

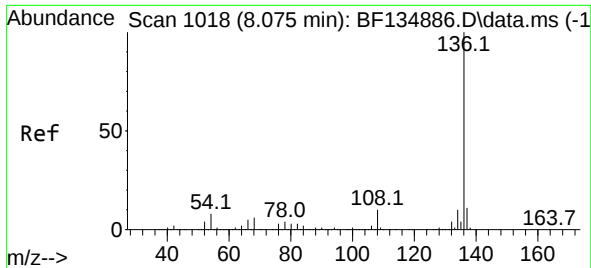
Tgt Ion: 99 Resp: 1319198
Ion Ratio Lower Upper
99 100
42 18.6 14.6 22.0
71 35.7 27.6 41.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.450 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF134916.D
Acq: 24 Aug 2023 10:28

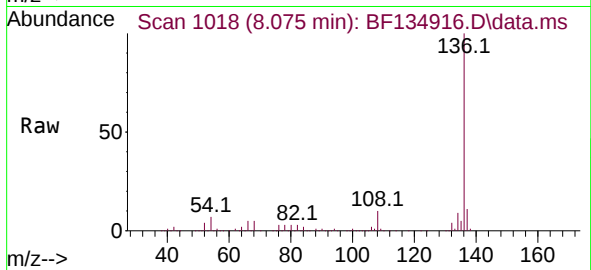
Tgt Ion: 70 Resp: 114352
Ion Ratio Lower Upper
70 100
42 49.2 46.9 70.3
101 0.0 7.5 11.3#
130 2.4 16.9 25.3#



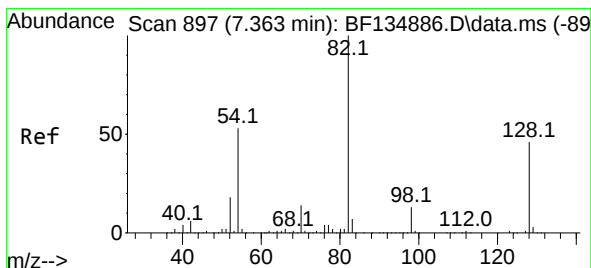
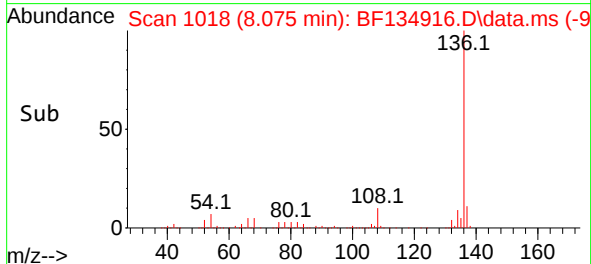
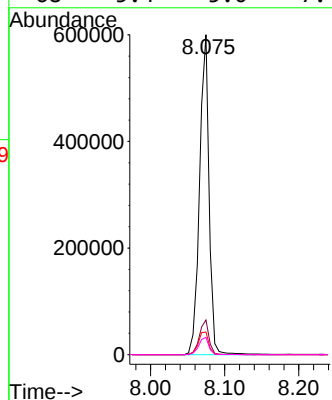


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BF134916.D
Acq: 24 Aug 2023 10:28

Instrument :
BNA_F
ClientSampleId :
PB154990BL

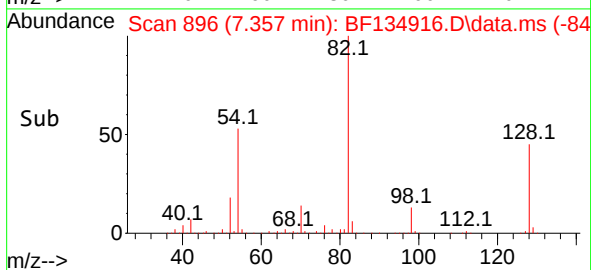
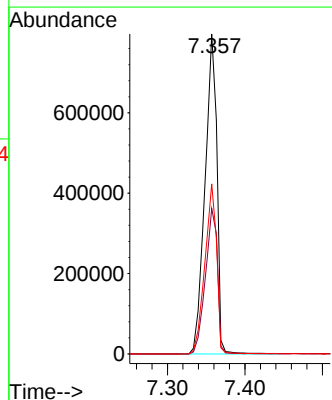
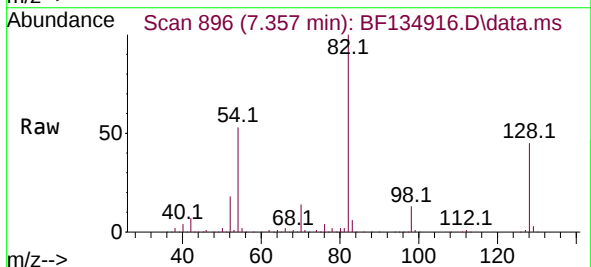


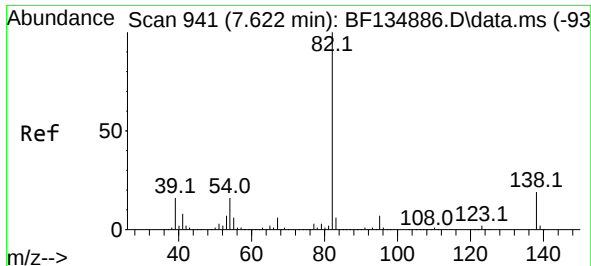
Tgt Ion:	136	Resp:	537246
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.1	6.6	9.8
68	5.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 86.980 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF134916.D
Acq: 24 Aug 2023 10:28

Tgt Ion:	82	Resp:	848029
Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.6	54.8
54	53.1	42.6	63.8

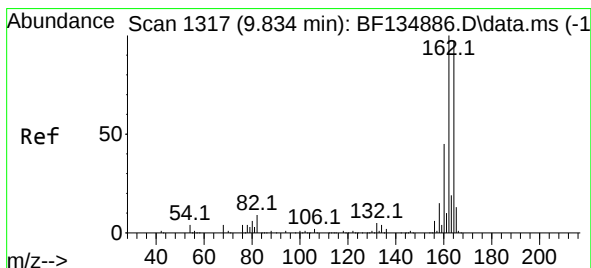
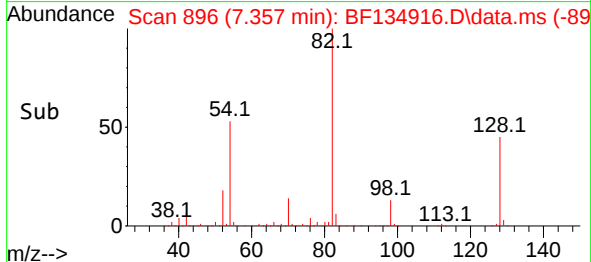
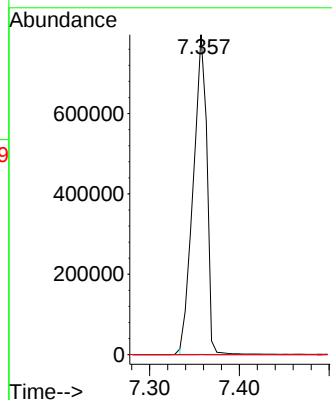
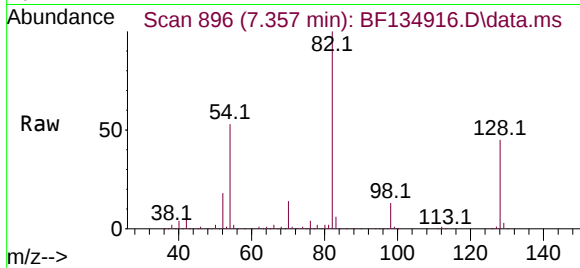




#25
Isophorone
Concen: 46.013 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF134916.D
Acq: 24 Aug 2023 10:28

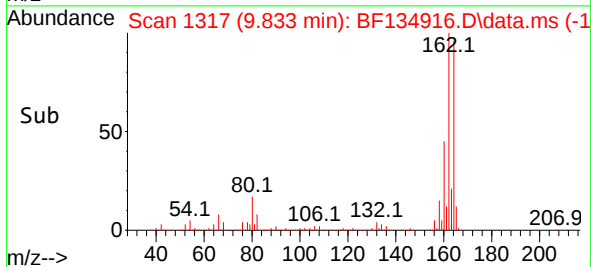
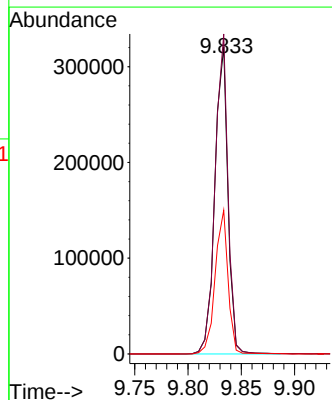
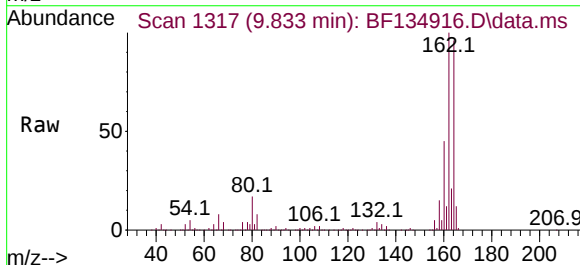
Instrument :
BNA_F
ClientSampleId :
PB154990BL

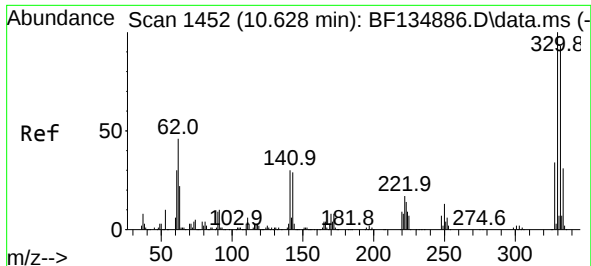
Tgt Ion: 82 Resp: 837694
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BF134916.D
Acq: 24 Aug 2023 10:28

Tgt Ion:164 Resp: 274431
Ion Ratio Lower Upper
164 100
162 104.1 82.6 123.8
160 46.7 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 125.109 ng

RT: 10.628 min Scan# 1452

Delta R.T. -0.000 min

Lab File: BF134916.D

Acq: 24 Aug 2023 10:28

Instrument :

BNA_F

ClientSampleId :

PB154990BL

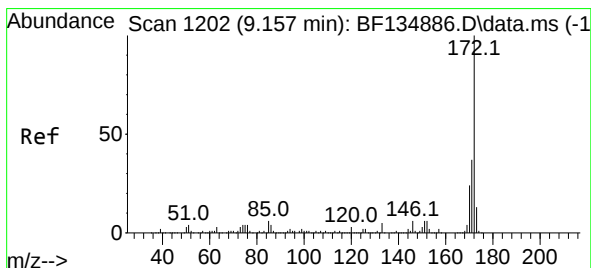
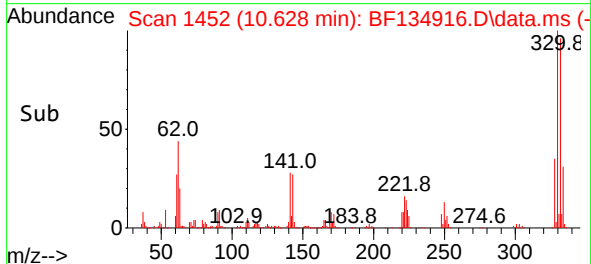
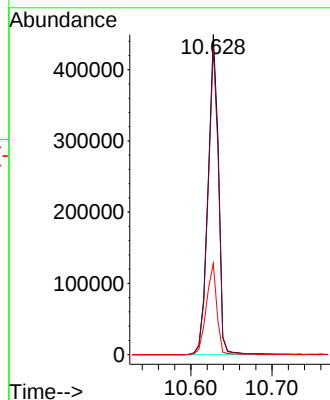
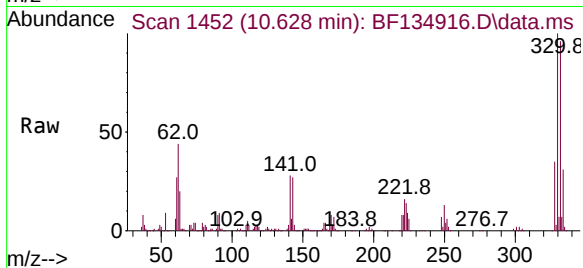
Tgt Ion:330 Resp: 404367

Ion Ratio Lower Upper

330 100

332 95.6 76.3 114.5

141 28.4 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 85.441 ng

RT: 9.157 min Scan# 1202

Delta R.T. 0.000 min

Lab File: BF134916.D

Acq: 24 Aug 2023 10:28

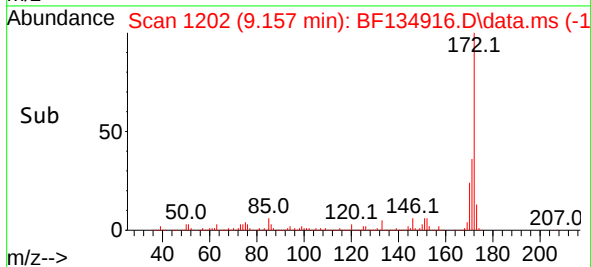
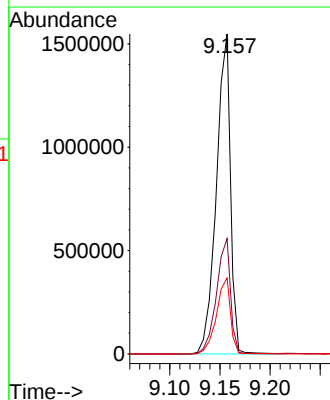
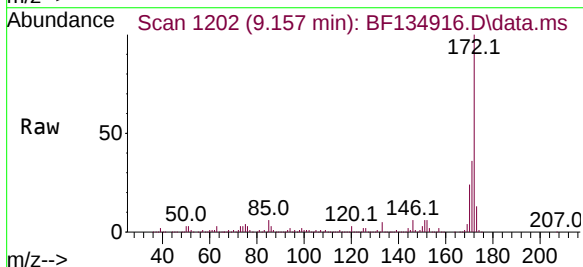
Tgt Ion:172 Resp: 1516766

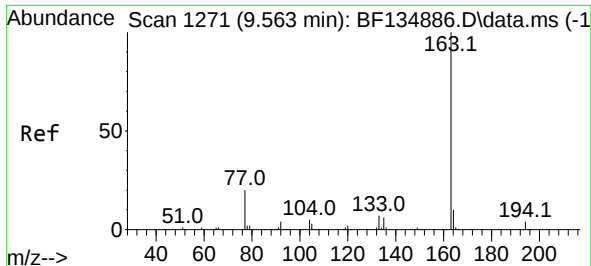
Ion Ratio Lower Upper

172 100

171 36.0 29.4 44.0

170 23.7 19.6 29.4

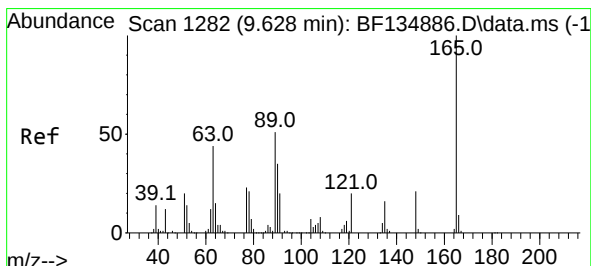
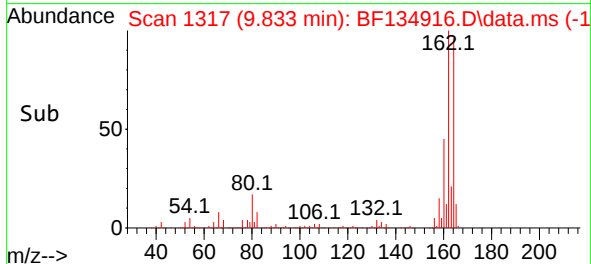
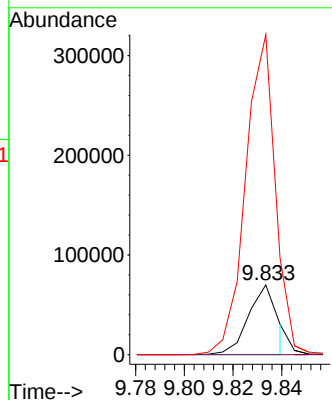
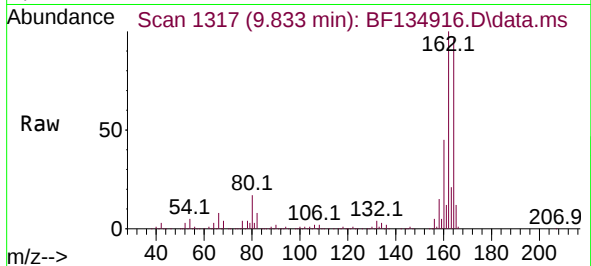




#50
Dimethylphthalate
Concen: 2.921 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.270 min
Lab File: BF134916.D
Acq: 24 Aug 2023 10:28

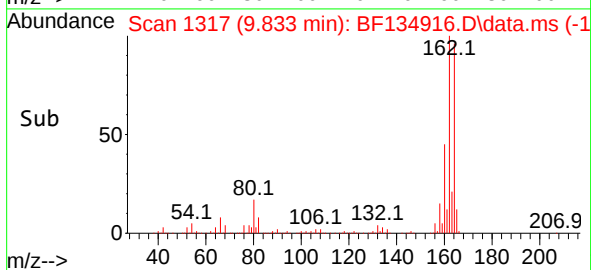
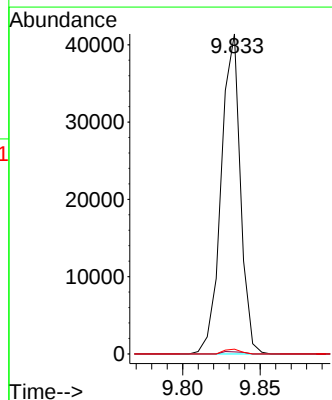
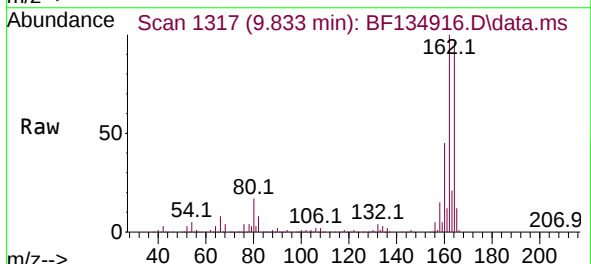
Instrument :
BNA_F
ClientSampleId :
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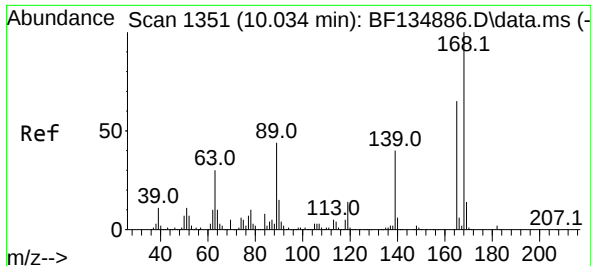
Tgt Ion:163 Resp: 57053
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 459.2 8.2 12.4#



#51
2,6-Dinitrotoluene
Concen: 8.297 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.205 min
Lab File: BF134916.D
Acq: 24 Aug 2023 10:28

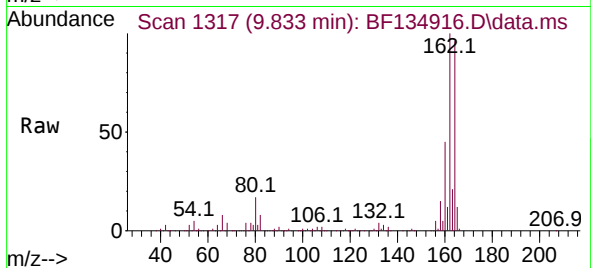
Tgt Ion:165 Resp: 35749
Ion Ratio Lower Upper
165 100
63 0.6 41.4 62.2#
89 1.5 40.9 61.3#



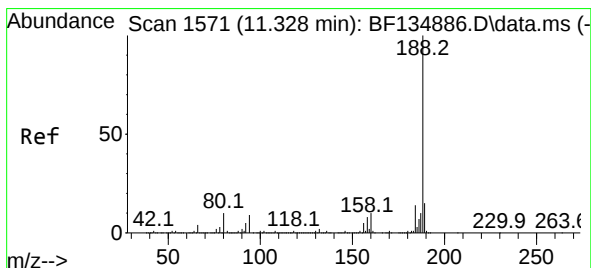
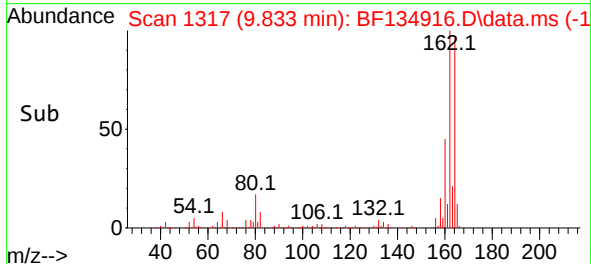
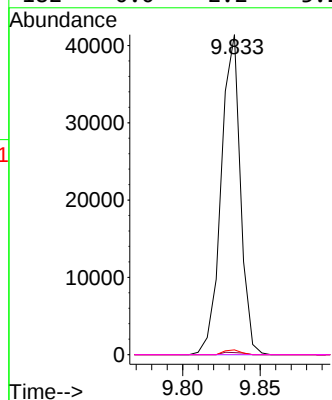


#57
2,4-Dinitrotoluene
Concen: 6.709 ng
RT: 9.833 min Scan# 1351
Delta R.T. -0.201 min
Lab File: BF134916.D
Acq: 24 Aug 2023 10:28

Instrument :
BNA_F
ClientSampleId :
PB154990BL

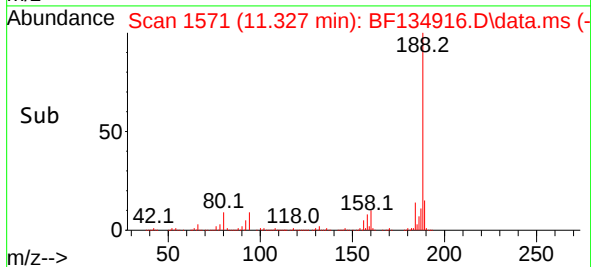
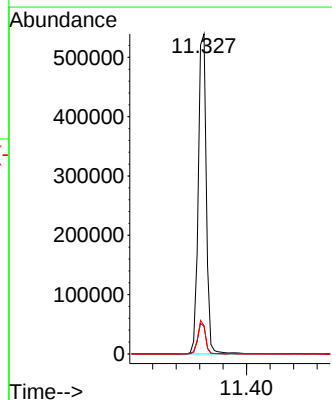
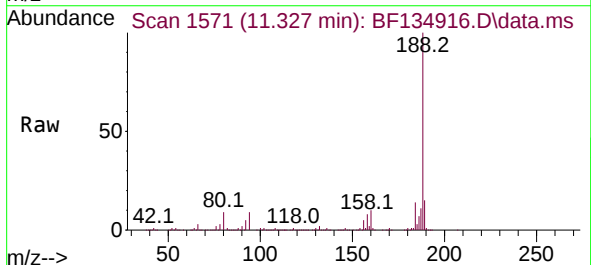


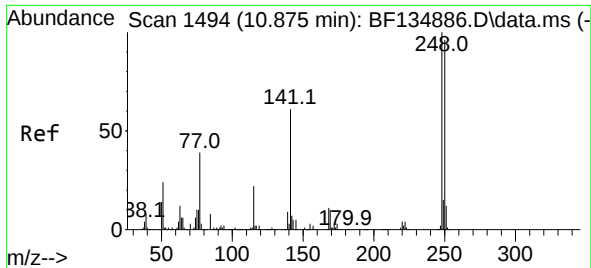
Tgt Ion:165 Resp: 35749
Ion Ratio Lower Upper
165 100
63 0.6 37.7 56.5#
89 1.5 54.2 81.4#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF134916.D
Acq: 24 Aug 2023 10:28

Tgt Ion:188 Resp: 509614
Ion Ratio Lower Upper
188 100
94 8.7 7.5 11.3
80 8.8 7.8 11.6

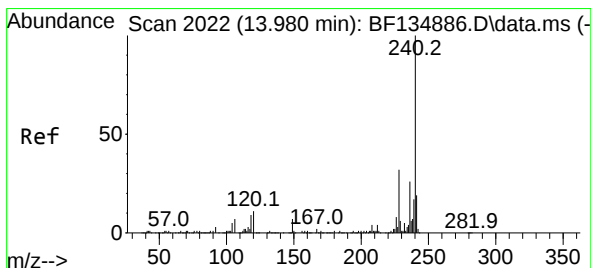
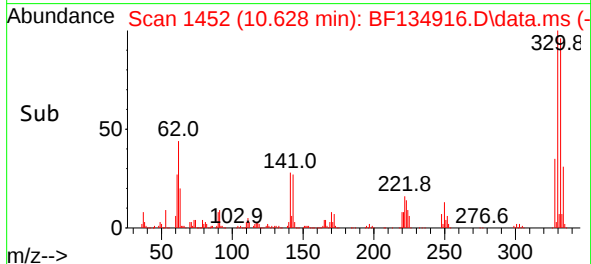
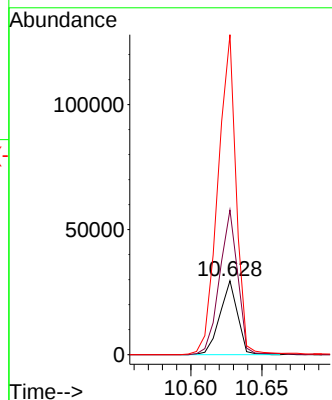
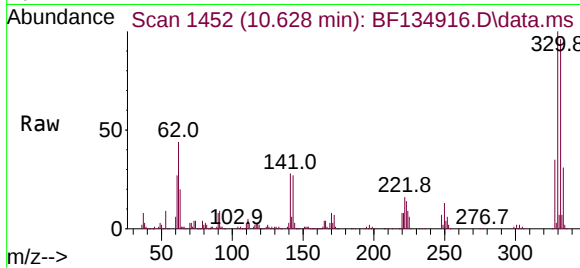




#67
4-Bromophenyl-phenylether
Concen: 4.351 ng
RT: 10.628 min Scan# 1494
Delta R.T. -0.248 min
Lab File: BF134916.D
Acq: 24 Aug 2023 10:28

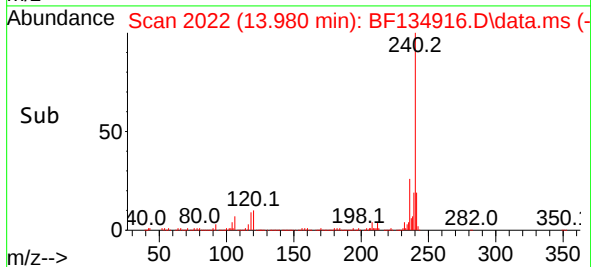
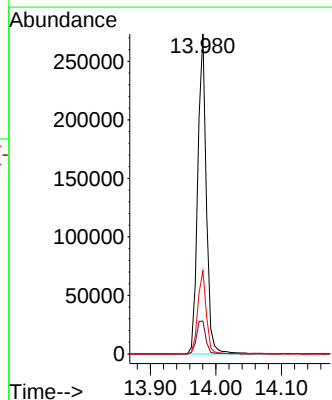
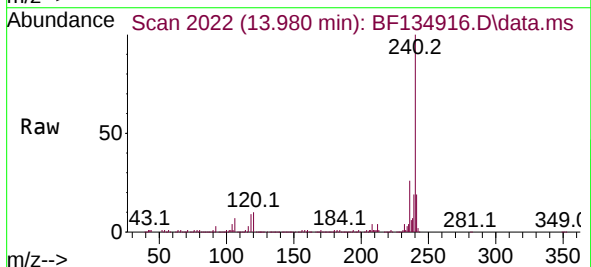
Instrument :
BNA_F
ClientSampleId :
PB154990BL

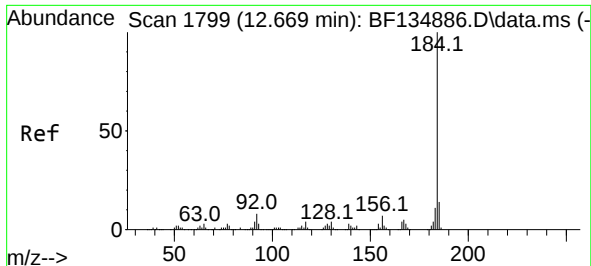
Tgt Ion:248 Resp: 25580
Ion Ratio Lower Upper
248 100
250 196.0 77.1 115.7#
141 433.8 49.0 73.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF134916.D
Acq: 24 Aug 2023 10:28

Tgt Ion:240 Resp: 247958
Ion Ratio Lower Upper
240 100
120 10.3 8.6 12.8
236 26.0 20.6 31.0

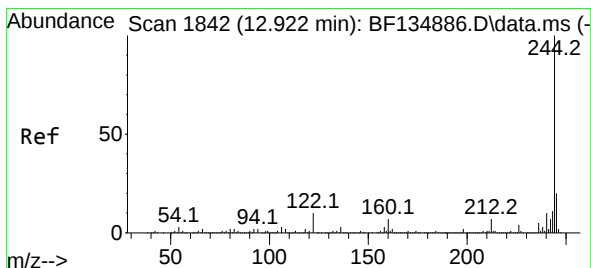
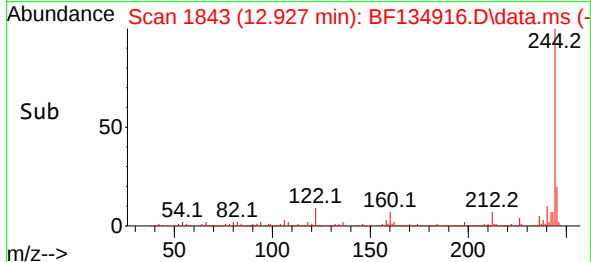
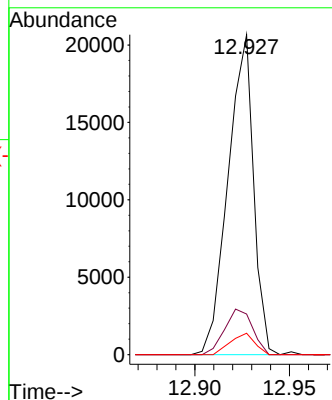
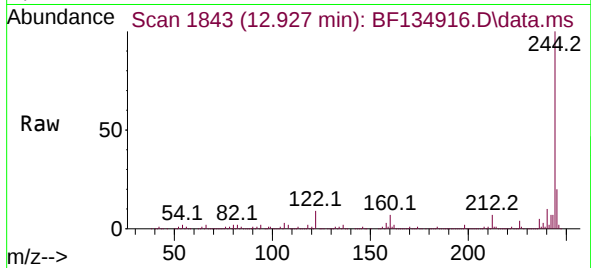




#77
Benzidine
Concen: 4.801 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.258 min
Lab File: BF134916.D
Acq: 24 Aug 2023 10:28

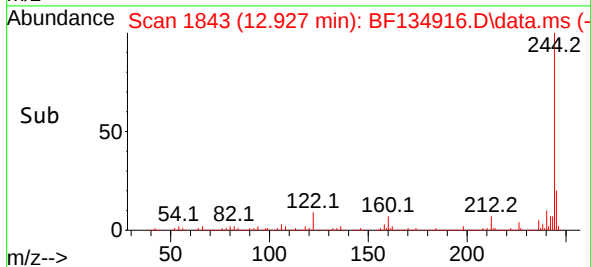
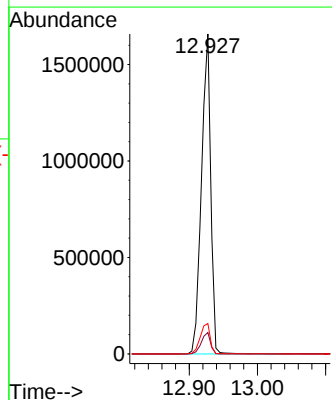
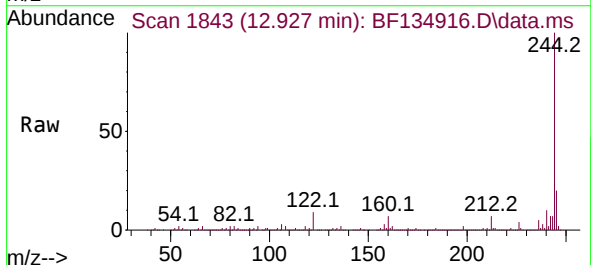
Instrument :
BNA_F
ClientSampleId :
PB154990BL

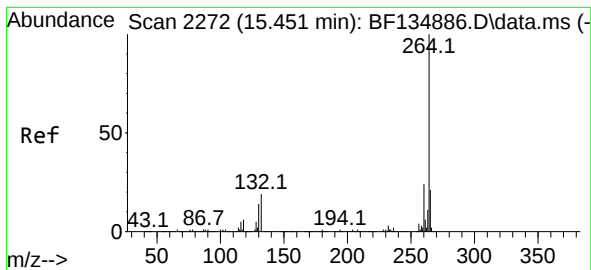
Tgt Ion:184 Resp: 19313
Ion Ratio Lower Upper
184 100
185 12.7 11.4 17.0
183 6.7 9.0 13.4#



#79
Terphenyl-d14
Concen: 86.863 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.005 min
Lab File: BF134916.D
Acq: 24 Aug 2023 10:28

Tgt Ion:244 Resp: 1565971
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 9.5 8.2 12.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF134916.D
Acq: 24 Aug 2023 10:28

Instrument :
BNA_F
ClientSampleId :
PB154990BL

Tgt Ion:264 Resp: 282904
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.6
265 21.2 17.1 25.7

