

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041823\
 Data File : BF132908.D
 Acq On : 18 Apr 2023 18:59
 Operator : CG\JU
 Sample : 02371-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-19-COMP

Quant Time: Apr 19 03:28:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 04:51:21 2023
 Response via : Initial Calibration

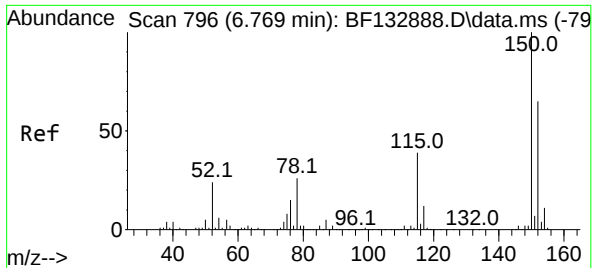
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	244756	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	972119	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	492359	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	898948	20.000	ng	0.00
76) Chrysene-d12	13.916	240	633687	20.000	ng	-0.01
86) Perylene-d12	15.345	264	639176	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1401147	89.515	ng	0.00
7) Phenol-d6	6.387	99	1777089	88.973	ng	-0.01
23) Nitrobenzene-d5	7.322	82	1082324	58.034	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	444938	90.098	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1869002	58.315	ng	-0.01
79) Terphenyl-d14	12.869	244	2176888	58.608	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	139557	11.194	ng	# 82
25) Isophorone	7.322	82	1081173	30.563	ng	# 65
50) Dimethylphthalate	9.798	163	97976	2.878	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	65408	8.764	ng	# 28
57) 2,4-Dinitrotoluene	9.798	165	65408	7.101	ng	# 23
63) Azobenzene	10.510	77	217577	6.124	ng	# 1
67) 4-Bromophenyl-phenylether	10.586	248	26570	2.588	ng	# 1
75) Fluoranthene	12.486	202	101404	2.109	ng	97
77) Benzidine	12.869	184	25861	2.620	ng	# 87
78) Pyrene	12.716	202	103953	2.006	ng	99
80) Butylbenzylphthalate	13.498	149	336	5.158	ng	95
85) Di-n-octyl phthalate	14.521	149	1518	6.420	ng	# 64

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

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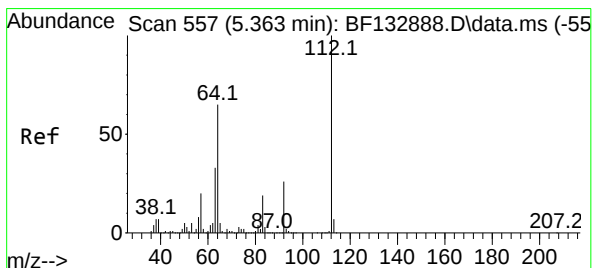
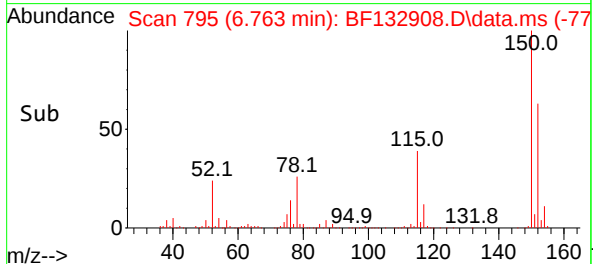
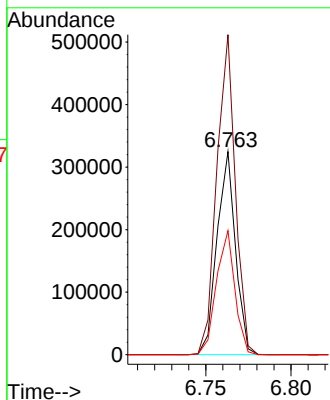
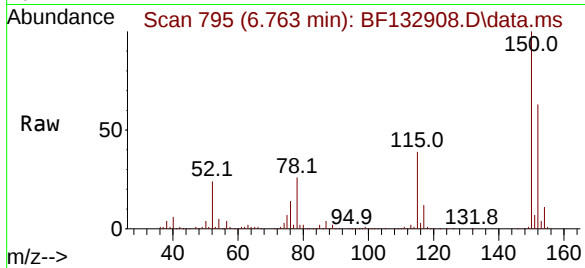




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF132908.D
Acq: 18 Apr 2023 18:59

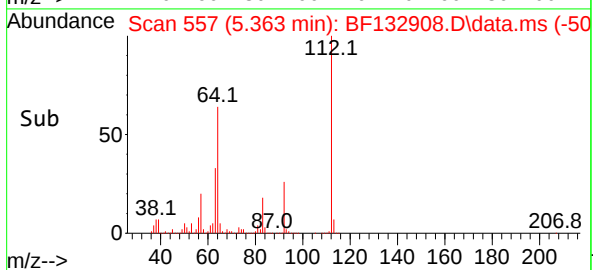
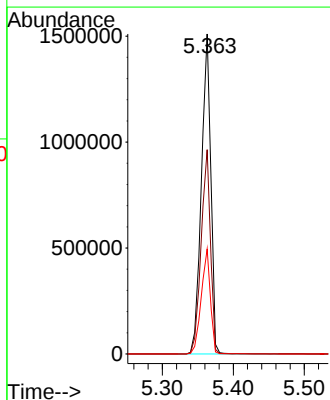
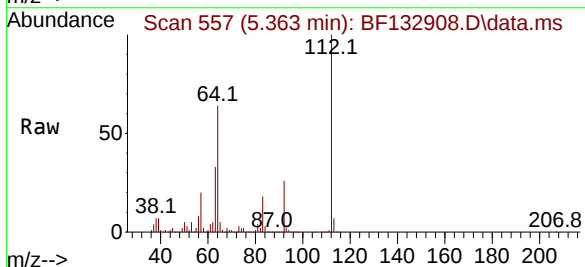
Instrument :
BNA_F
ClientSampleId :
SB-19-COMP

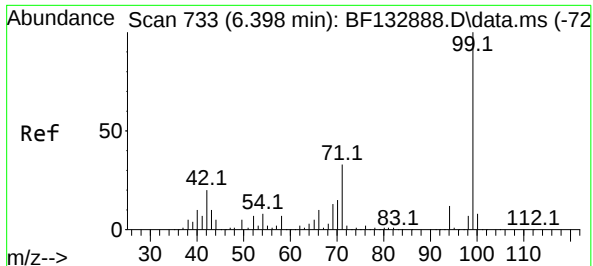
Tgt Ion:152 Resp: 244756
Ion Ratio Lower Upper
152 100
150 157.6 122.8 184.2
115 61.1 47.3 70.9



#5
2-Fluorophenol
Concen: 89.515 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.000 min
Lab File: BF132908.D
Acq: 18 Apr 2023 18:59

Tgt Ion:112 Resp: 1401147
Ion Ratio Lower Upper
112 100
64 63.8 51.8 77.8
63 32.8 26.3 39.5

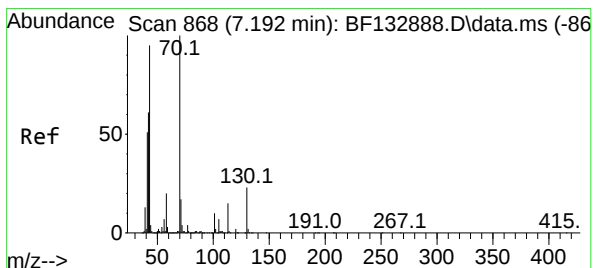
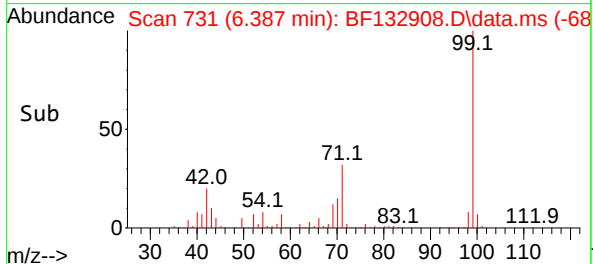
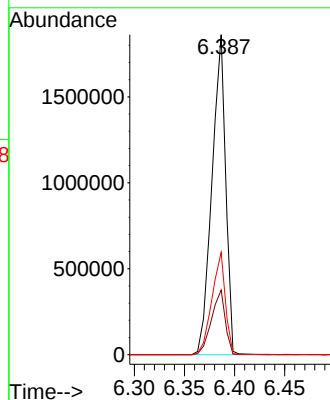
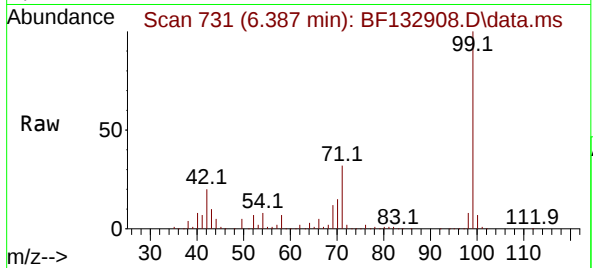




#7
Phenol-d6
Concen: 88.973 ng
RT: 6.387 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF132908.D
Acq: 18 Apr 2023 18:59

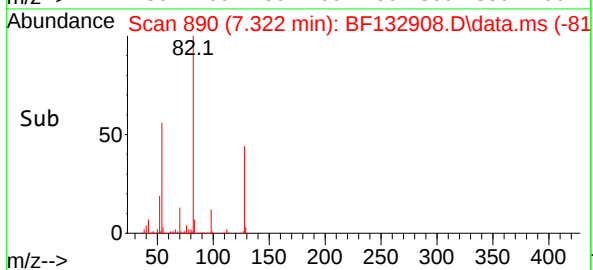
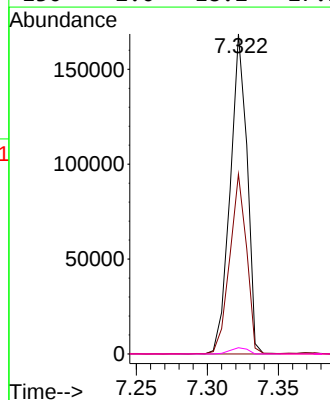
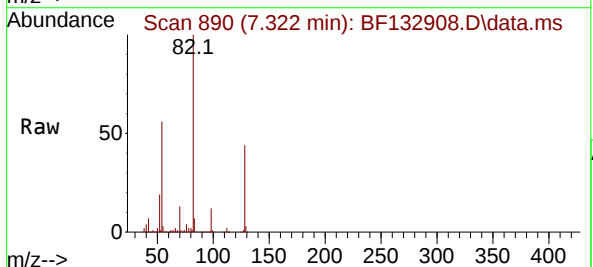
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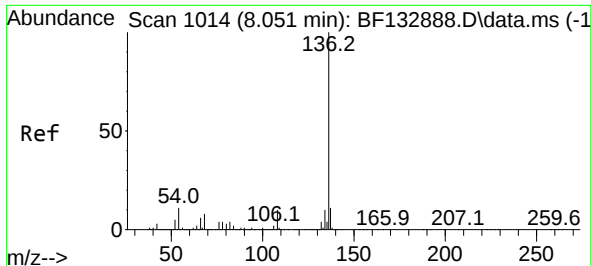
Tgt Ion: 99 Resp: 1777089
Ion Ratio Lower Upper
99 100
42 20.2 16.1 24.1
71 32.0 26.1 39.1



#19
n-Nitroso-di-n-propylamine
Concen: 11.194 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.130 min
Lab File: BF132908.D
Acq: 18 Apr 2023 18:59

Tgt Ion: 70 Resp: 139557
Ion Ratio Lower Upper
70 100
42 56.2 49.0 73.6
101 0.0 8.1 12.1#
130 2.0 18.2 27.2#



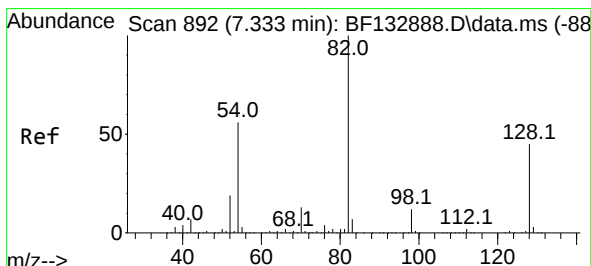
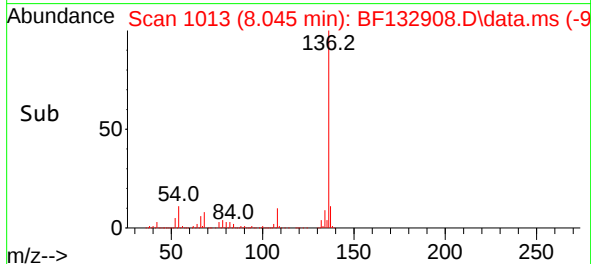
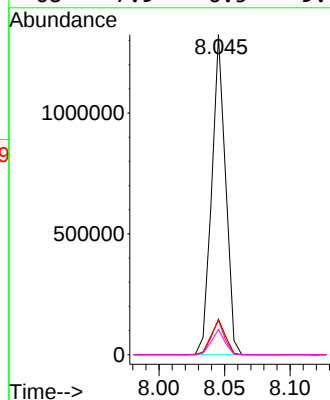
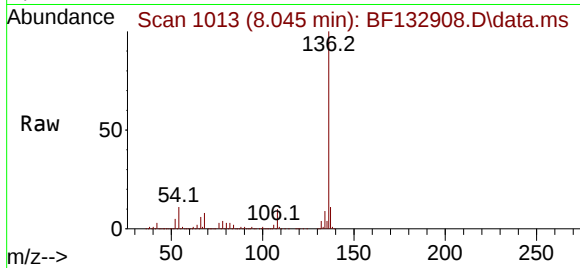


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF132908.D
Acq: 18 Apr 2023 18:59

Instrument :
BNA_F
ClientSampleId :
SB-19-COMP

Tgt Ion:136 Resp: 972119

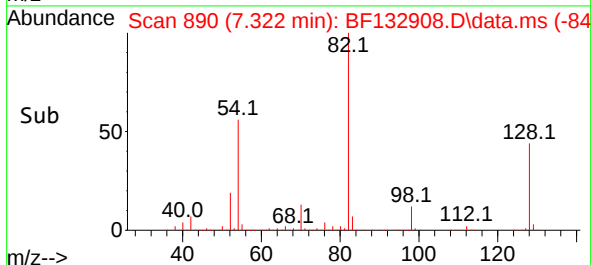
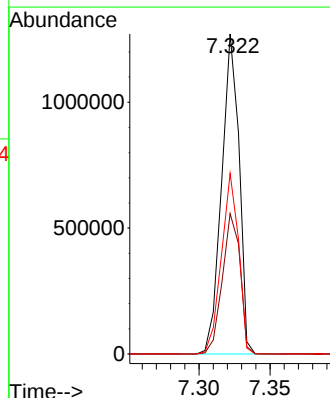
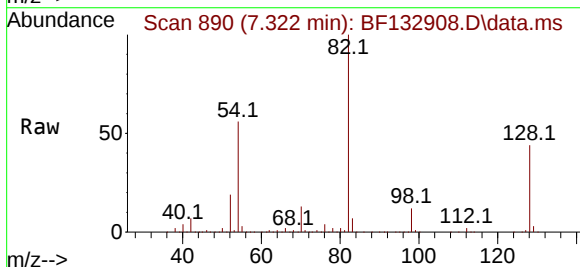
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	10.7	8.9	13.3
68	7.9	6.5	9.7

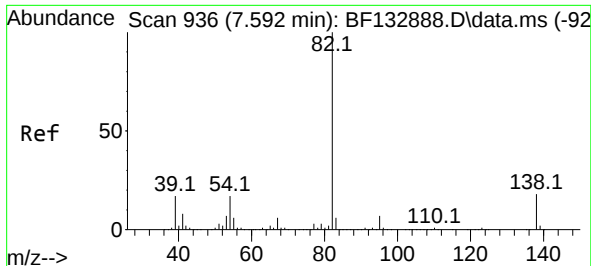


#23
Nitrobenzene-d5
Concen: 58.034 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF132908.D
Acq: 18 Apr 2023 18:59

Tgt Ion: 82 Resp: 1082324

Ion	Ratio	Lower	Upper
82	100		
128	43.9	35.7	53.5
54	56.4	44.7	67.1

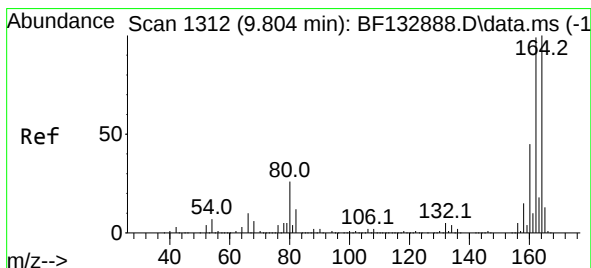
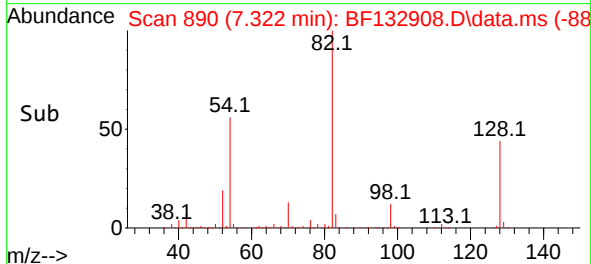
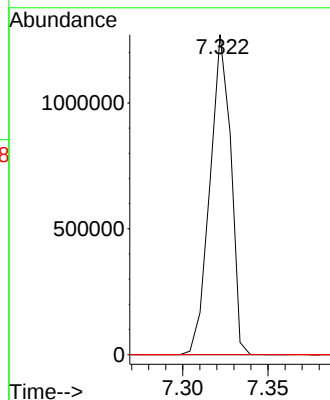
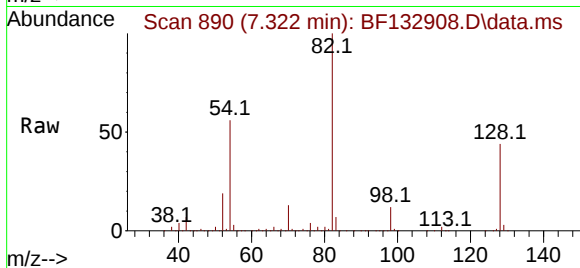




#25
Isophorone
Concen: 30.563 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF132908.D
Acq: 18 Apr 2023 18:59

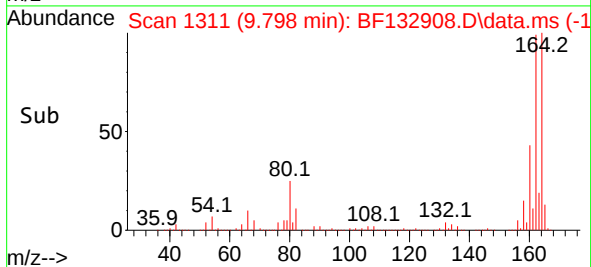
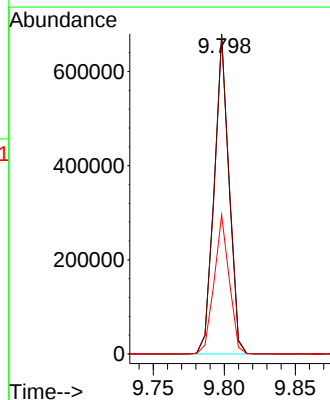
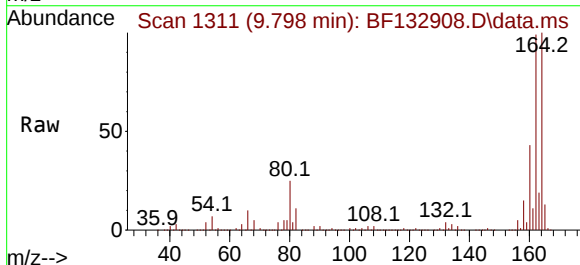
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ClientSampleId :
SB-19-COMP

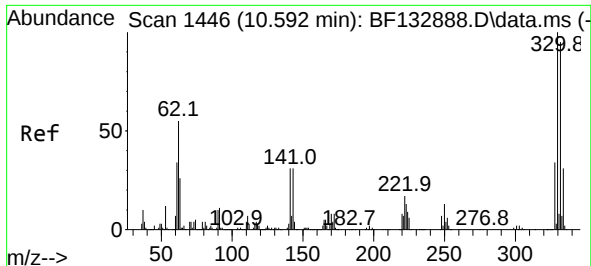
Tgt Ion: 82 Resp: 1081173
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF132908.D
Acq: 18 Apr 2023 18:59

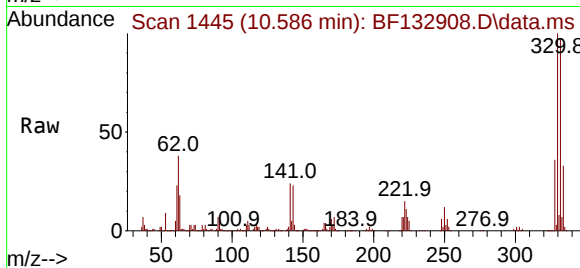
Tgt Ion:164 Resp: 492359
Ion Ratio Lower Upper
164 100
162 99.4 79.1 118.7
160 43.5 35.6 53.4



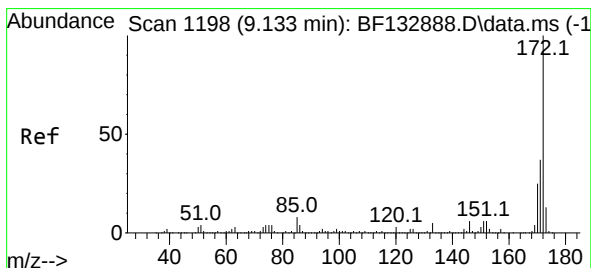
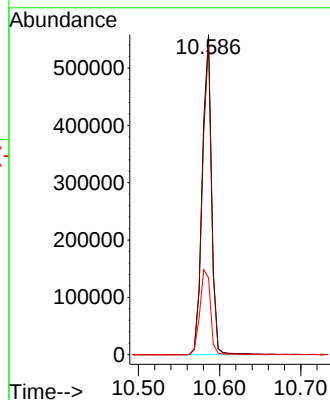
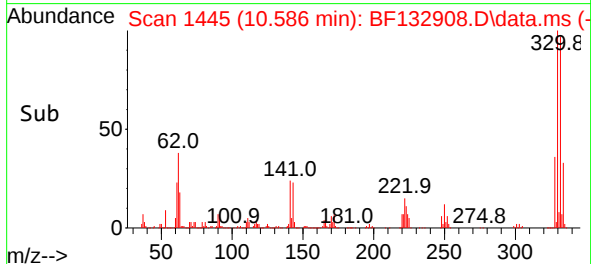


#42
2,4,6-Tribromophenol
Concen: 90.098 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.006 min
Lab File: BF132908.D
Acq: 18 Apr 2023 18:59

Instrument :
BNA_F
ClientSampleId :
SB-19-COMP

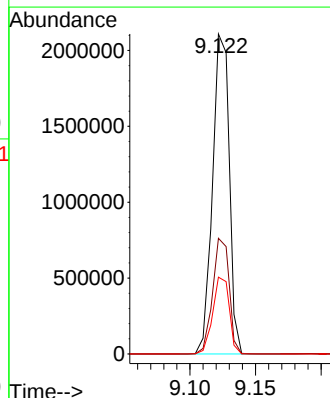
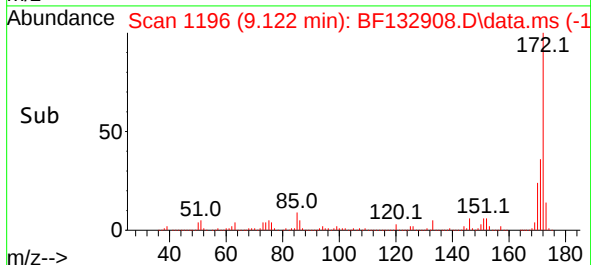
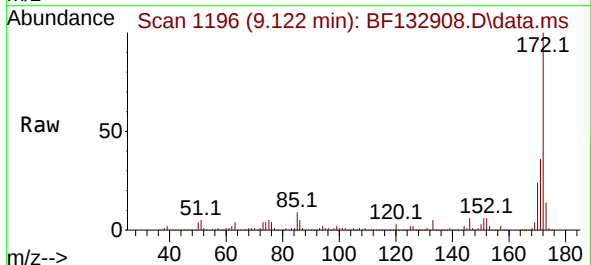


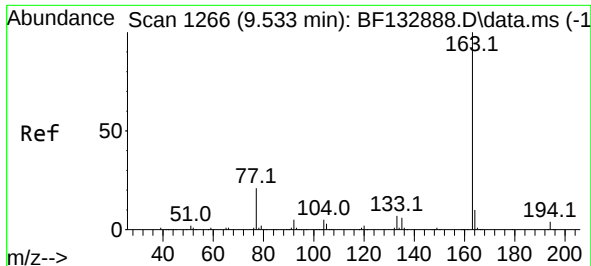
Tgt Ion:330 Resp: 444938
Ion Ratio Lower Upper
330 100
332 96.6 76.3 114.5
141 30.2 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 58.315 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.012 min
Lab File: BF132908.D
Acq: 18 Apr 2023 18:59

Tgt Ion:172 Resp: 1869002
Ion Ratio Lower Upper
172 100
171 36.1 29.4 44.0
170 24.0 20.1 30.1

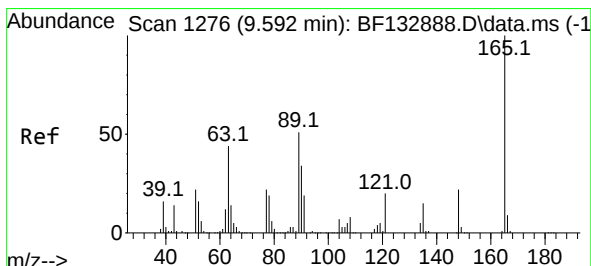
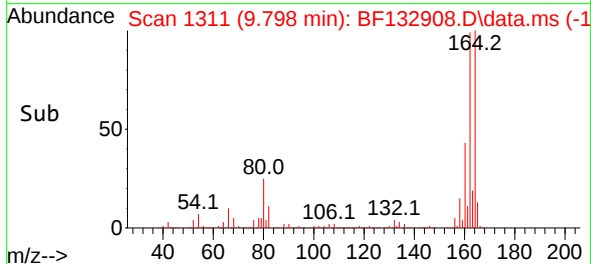
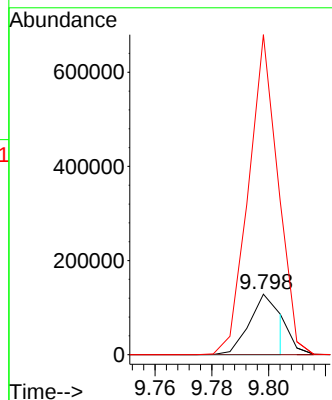
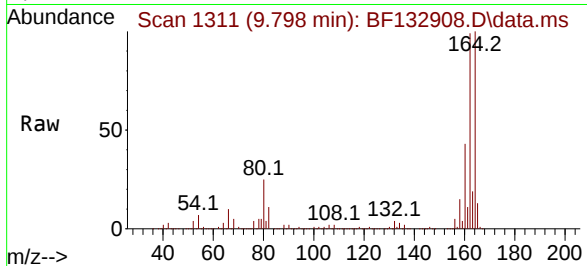




#50
Dimethylphthalate
Concen: 2.878 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.265 min
Lab File: BF132908.D
Acq: 18 Apr 2023 18:59

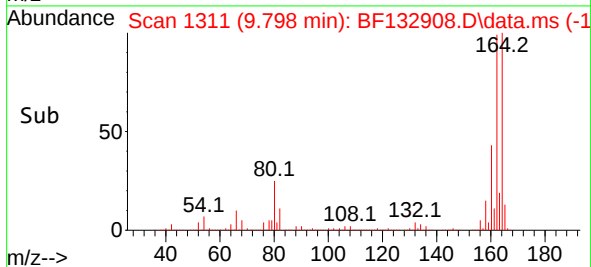
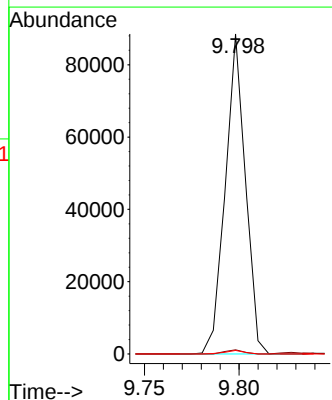
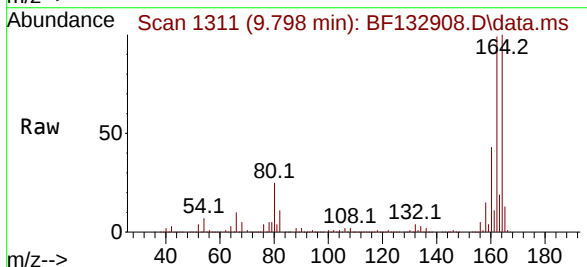
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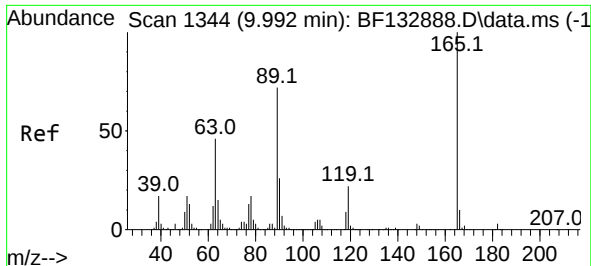
Tgt Ion:163 Resp: 97976
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.0#
164 528.4 8.3 12.5#



#51
2,6-Dinitrotoluene
Concen: 8.764 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.206 min
Lab File: BF132908.D
Acq: 18 Apr 2023 18:59

Tgt Ion:165 Resp: 65408
Ion Ratio Lower Upper
165 100
63 1.3 42.6 63.8#
89 1.1 41.0 61.4#

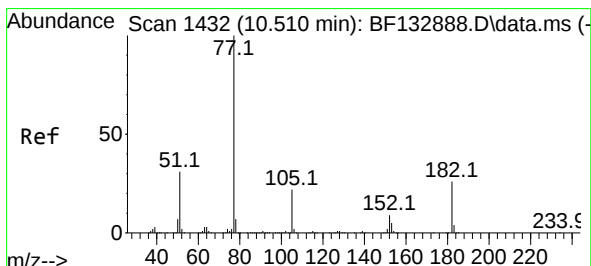
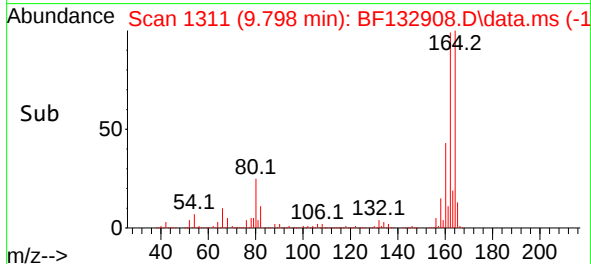
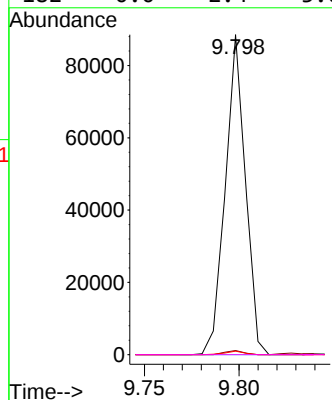
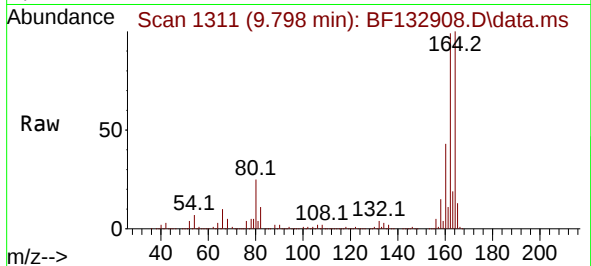




#57
2,4-Dinitrotoluene
Concen: 7.101 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF132908.D
Acq: 18 Apr 2023 18:59

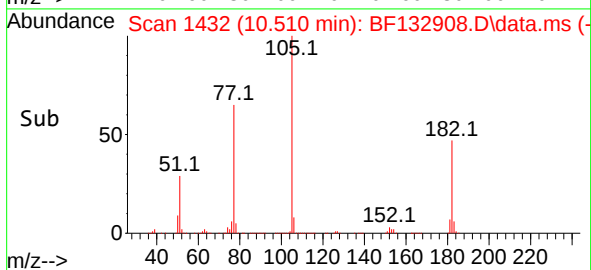
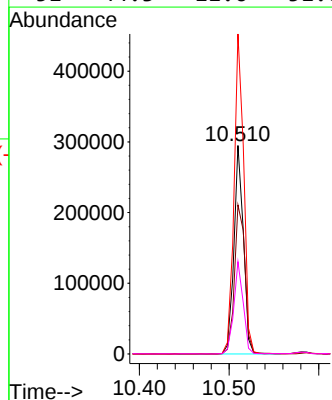
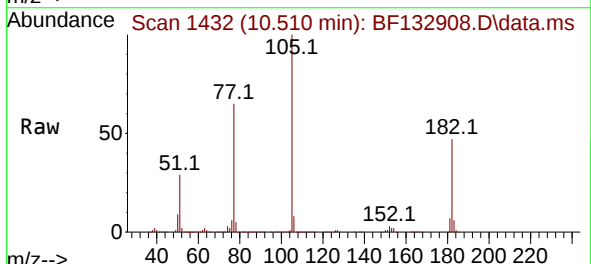
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ClientSampleId :
SB-19-COMP

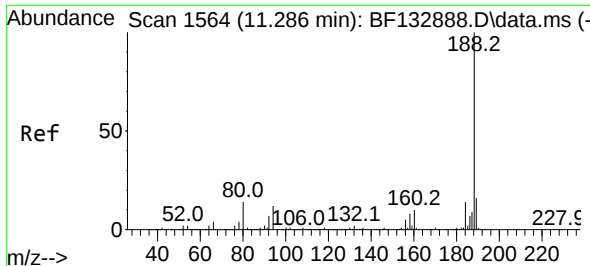
Tgt Ion:165 Resp: 65408
Ion Ratio Lower Upper
165 100
63 1.3 37.0 55.6#
89 1.1 57.8 86.6#
182 0.0 2.4 3.6#



#63
Azobenzene
Concen: 6.124 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF132908.D
Acq: 18 Apr 2023 18:59

Tgt Ion: 77 Resp: 217577
Ion Ratio Lower Upper
77 100
182 71.5 6.0 46.0#
105 153.5 1.6 41.6#
51 44.3 11.6 51.6

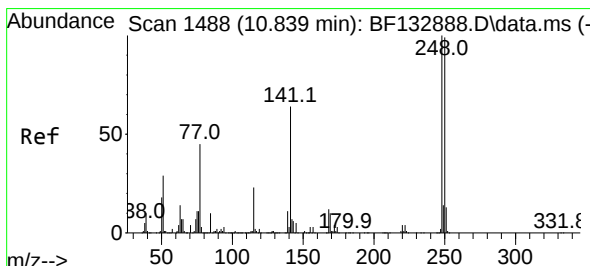
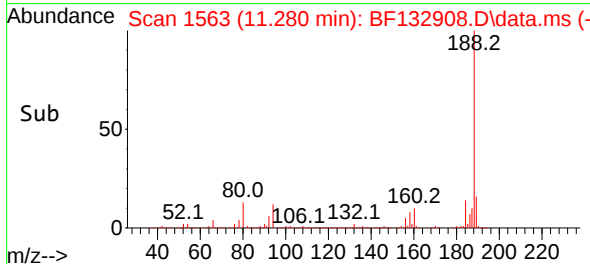
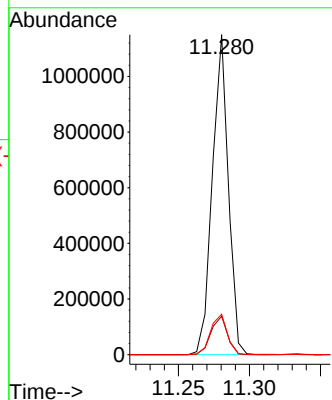
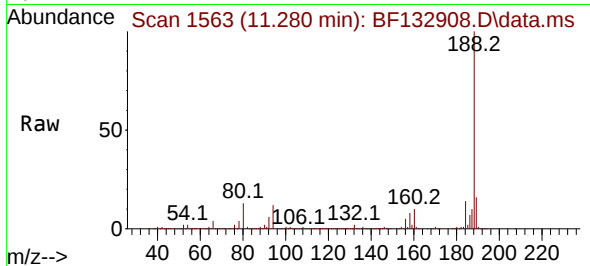




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132908.D
Acq: 18 Apr 2023 18:59

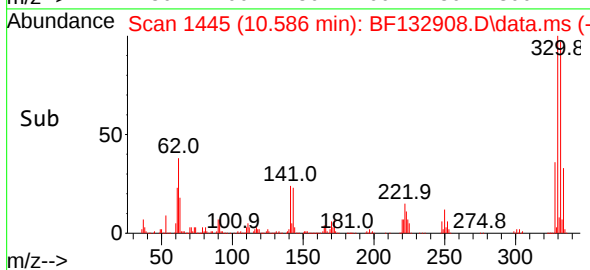
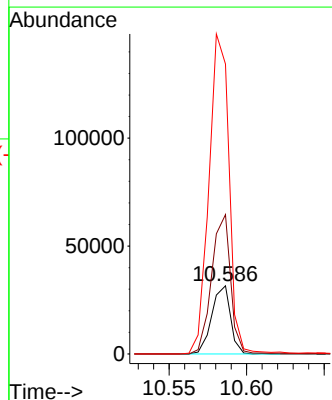
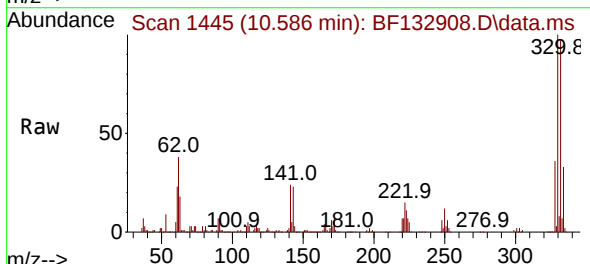
Instrument :
BNA_F
ClientSampleId :
SB-19-COMP

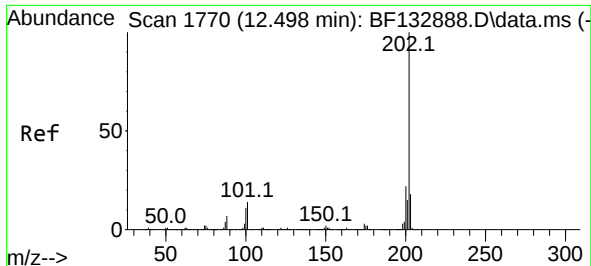
Tgt Ion:188 Resp: 898948
Ion Ratio Lower Upper
188 100
94 12.0 9.9 14.9
80 12.6 10.8 16.2



#67
4-Bromophenyl-phenylether
Concen: 2.588 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.253 min
Lab File: BF132908.D
Acq: 18 Apr 2023 18:59

Tgt Ion:248 Resp: 26570
Ion Ratio Lower Upper
248 100
250 204.4 79.1 118.7#
141 425.3 51.0 76.6#

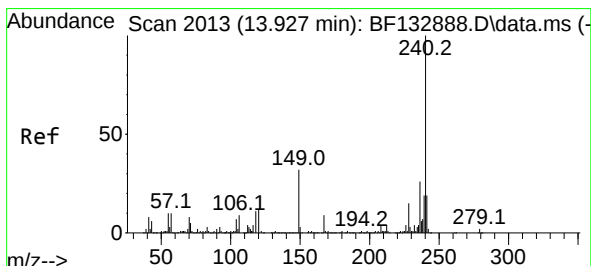
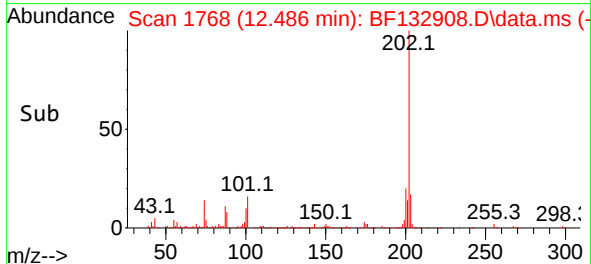
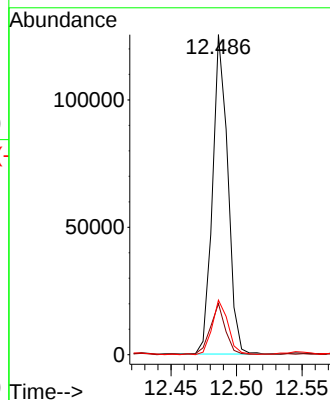
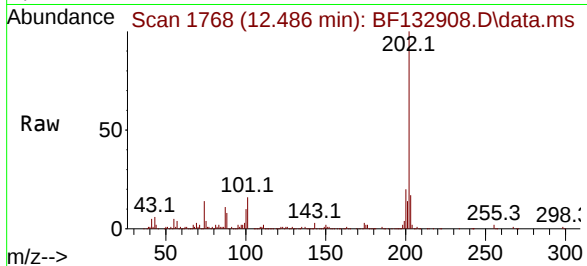




#75
Fluoranthene
Concen: 2.109 ng
RT: 12.486 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF132908.D
Acq: 18 Apr 2023 18:59

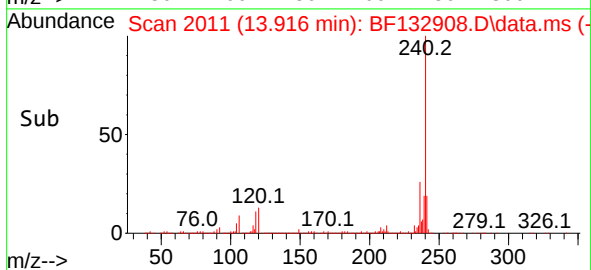
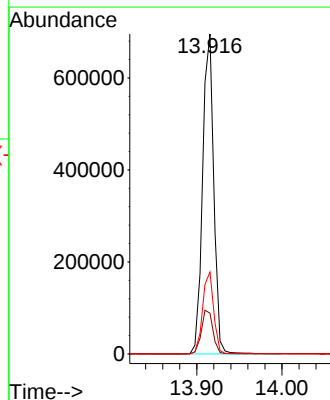
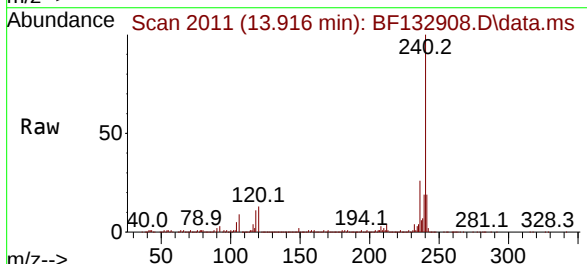
Instrument :
BNA_F
ClientSampleId :
SB-19-COMP

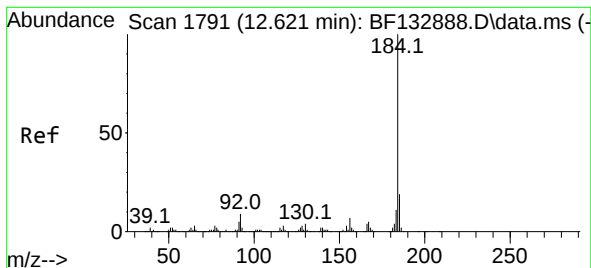
Tgt Ion:202 Resp: 101404
Ion Ratio Lower Upper
202 100
101 15.9 0.0 34.5
203 17.0 0.0 38.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.916 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BF132908.D
Acq: 18 Apr 2023 18:59

Tgt Ion:240 Resp: 633687
Ion Ratio Lower Upper
240 100
120 12.8 10.0 15.0
236 25.6 20.8 31.2





#77

Benzidine

Concen: 2.620 ng

RT: 12.869 min Scan# 1833

Delta R.T. 0.248 min

Lab File: BF132908.D

Acq: 18 Apr 2023 18:59

Instrument :

BNA_F

ClientSampleId :

SB-19-COMP

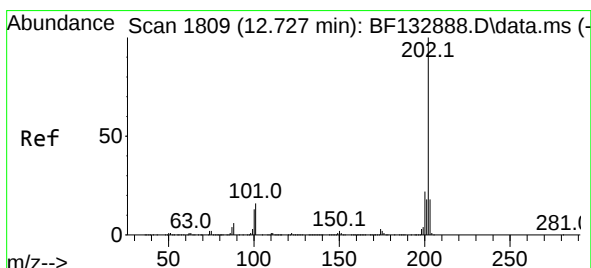
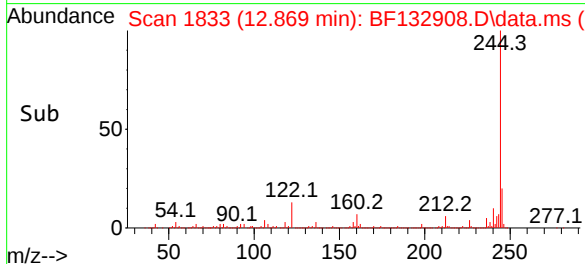
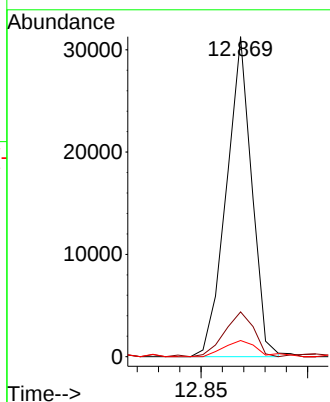
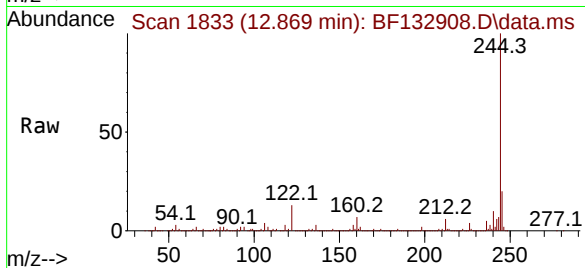
Tgt Ion:184 Resp: 25861

Ion Ratio Lower Upper

184 100

185 14.0 14.9 22.3#

183 5.1 9.0 13.6#



#78

Pyrene

Concen: 2.006 ng

RT: 12.716 min Scan# 1807

Delta R.T. -0.012 min

Lab File: BF132908.D

Acq: 18 Apr 2023 18:59

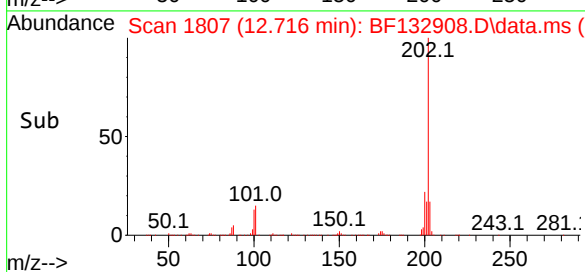
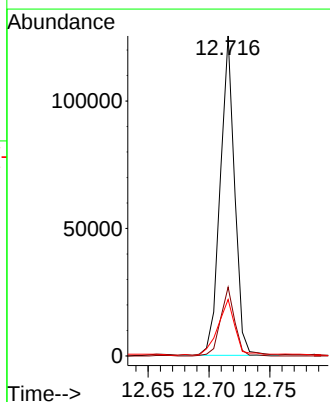
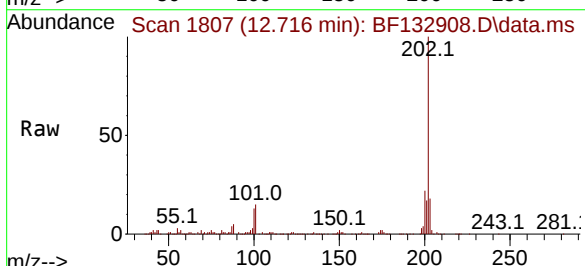
Tgt Ion:202 Resp: 103953

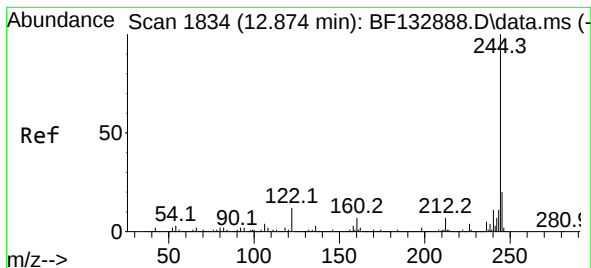
Ion Ratio Lower Upper

202 100

200 21.5 17.6 26.4

203 17.7 14.6 22.0





#79

Terphenyl-d14

Concen: 58.608 ng

RT: 12.869 min Scan# 1833

Delta R.T. -0.006 min

Lab File: BF132908.D

Acq: 18 Apr 2023 18:59

Instrument :

BNA_F

ClientSampleId :

SB-19-COMP

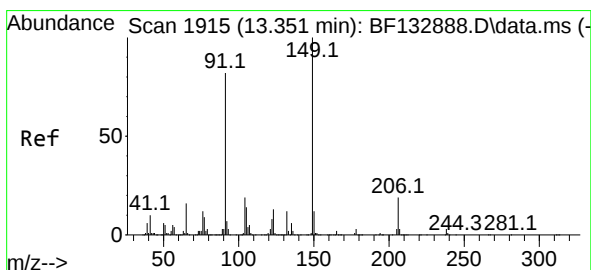
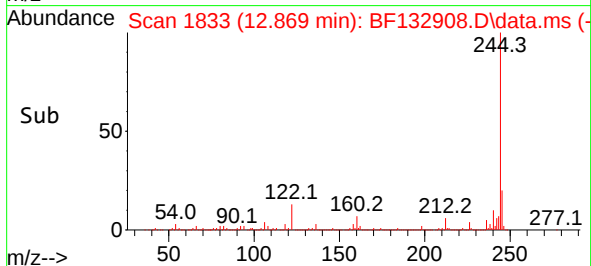
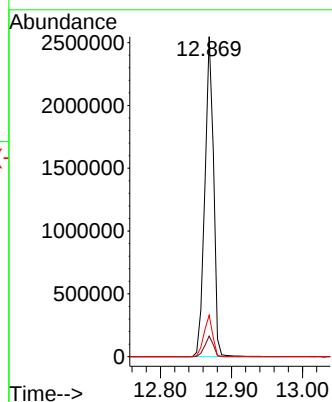
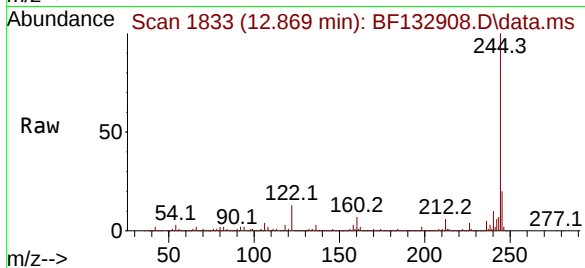
Tgt Ion:244 Resp: 2176888

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

122 12.9 9.6 14.4



#80

Butylbenzylphthalate

Concen: 5.158 ng

RT: 13.498 min Scan# 1940

Delta R.T. 0.147 min

Lab File: BF132908.D

Acq: 18 Apr 2023 18:59

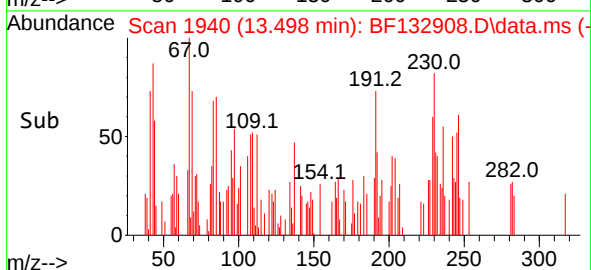
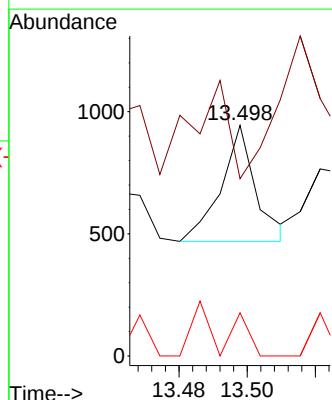
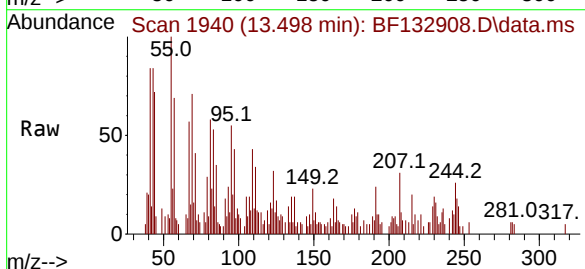
Tgt Ion:149 Resp: 336

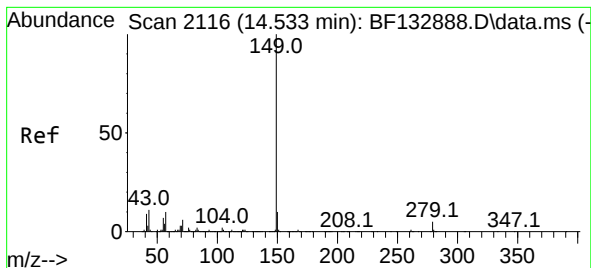
Ion Ratio Lower Upper

149 100

91 76.9 65.4 98.0

206 18.8 15.6 23.4





#85

Di-n-octyl phthalate

Concen: 6.420 ng

RT: 14.521 min Scan# 2114

Delta R.T. -0.012 min

Lab File: BF132908.D

Acq: 18 Apr 2023 18:59

Instrument :

BNA_F

ClientSampleId :

SB-19-COMP

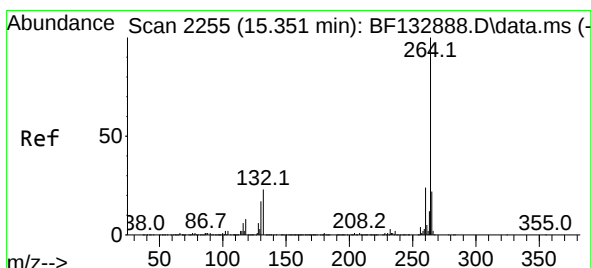
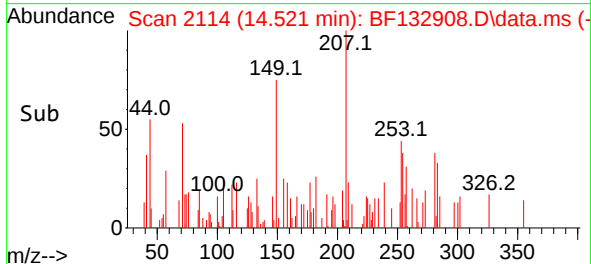
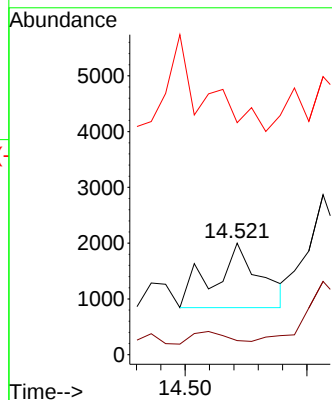
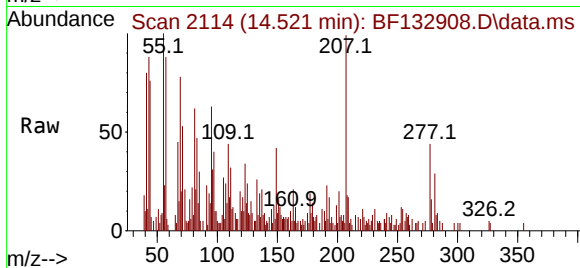
Tgt Ion:149 Resp: 1518

Ion Ratio Lower Upper

149 100

167 19.4 1.2 1.8#

43 0.0 11.5 17.3#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.345 min Scan# 2254

Delta R.T. -0.006 min

Lab File: BF132908.D

Acq: 18 Apr 2023 18:59

Tgt Ion:264 Resp: 639176

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.6

265 21.3 17.7 26.5

