

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041823\
 Data File : BF132907.D
 Acq On : 18 Apr 2023 18:29
 Operator : CG\JU
 Sample : 02371-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-18-COMP

Quant Time: Apr 19 03:28:02 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)

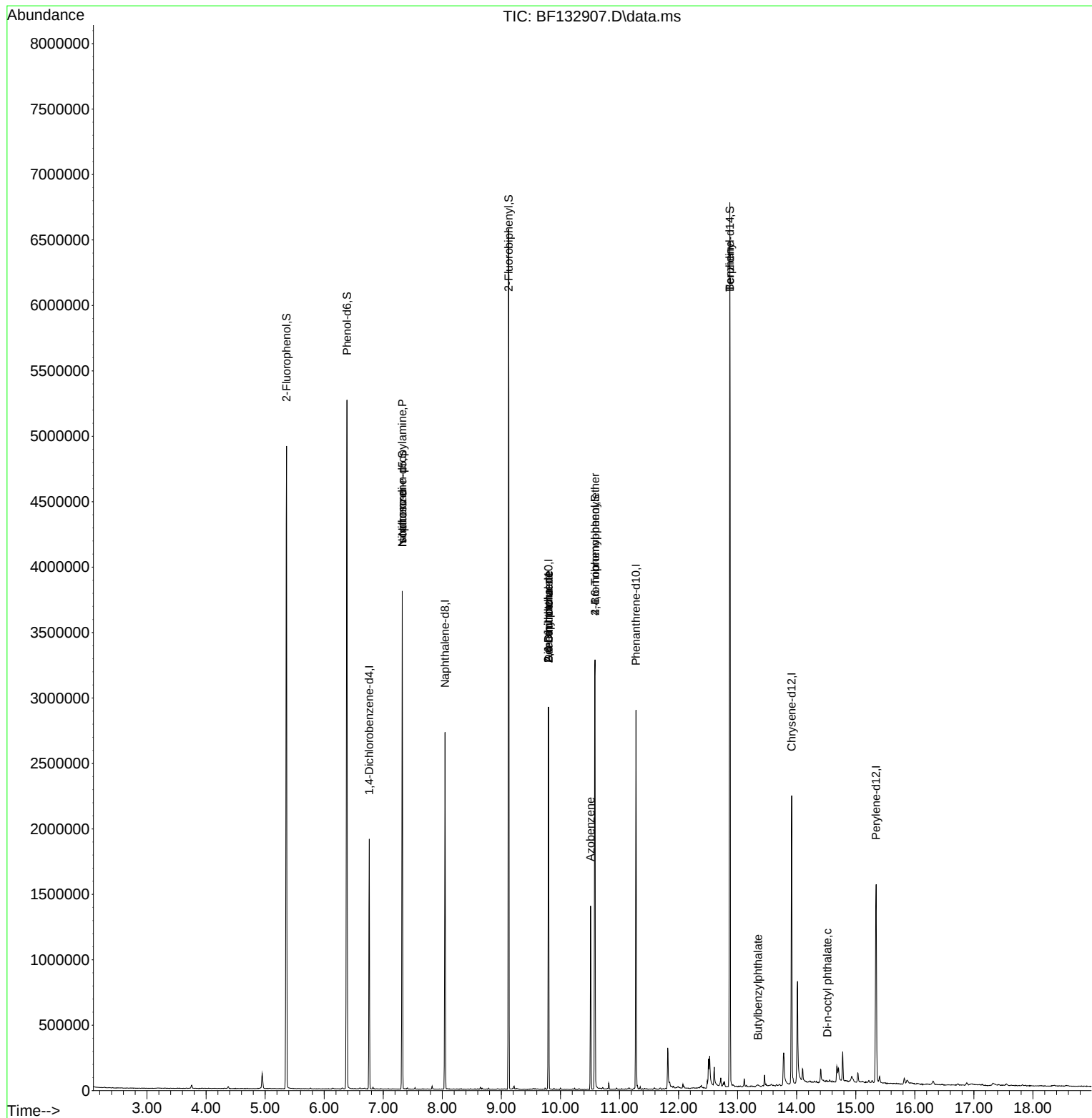
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	238345	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	953338	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	492664	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	899009	20.000	ng	0.00
76) Chrysene-d12	13.916	240	675586	20.000	ng	-0.01
86) Perylene-d12	15.345	264	619478	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1315208	86.285	ng	0.00
7) Phenol-d6	6.387	99	1687483	86.759	ng	-0.01
23) Nitrobenzene-d5	7.322	82	1021152	55.833	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	395450	80.027	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1841825	57.432	ng	-0.01
79) Terphenyl-d14	12.869	244	2282716	57.646	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	133797	11.021	ng	# 80
25) Isophorone	7.322	82	1021193	29.436	ng	# 65
50) Dimethylphthalate	9.798	163	96432	2.831	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	64929	8.694	ng	# 28
57) 2,4-Dinitrotoluene	9.798	165	64929	7.045	ng	# 23
63) Azobenzene	10.510	77	211271	5.942	ng	# 1
67) 4-Bromophenyl-phenylether	10.586	248	24526	2.389	ng	# 1
77) Benzidine	12.869	184	26732	2.540	ng	# 94
80) Butylbenzylphthalate	13.345	149	1008	5.202	ng	95
85) Di-n-octyl phthalate	14.521	149	740	6.400	ng	# 58

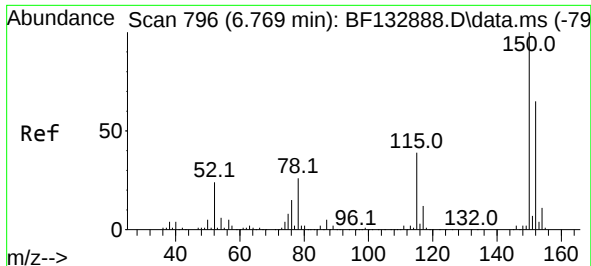
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041823\
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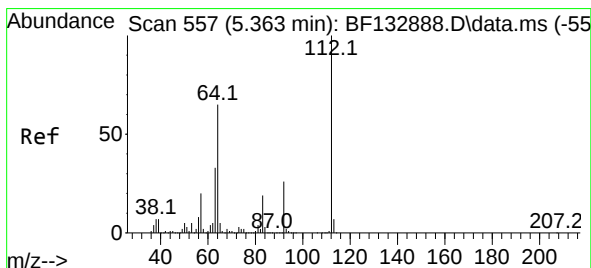
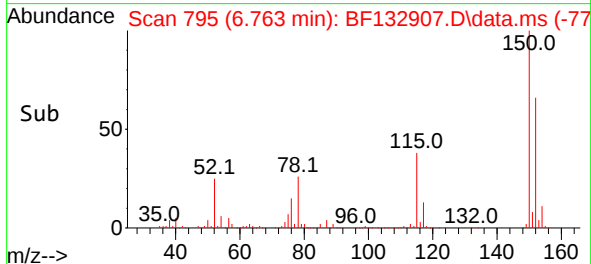
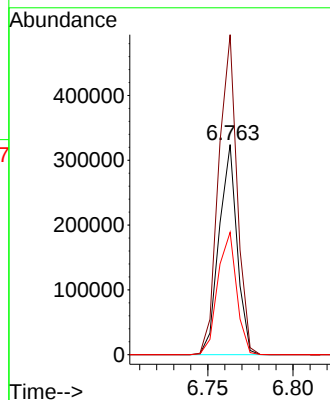
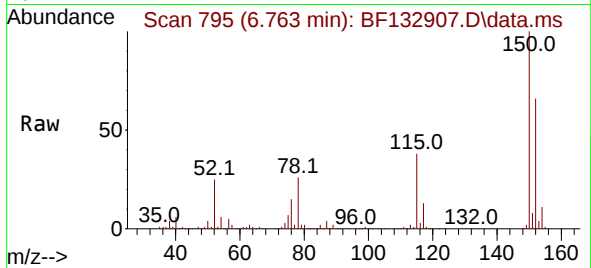




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 796
 Delta R.T. -0.006 min
 Lab File: BF132907.D
 Acq: 18 Apr 2023 18:29

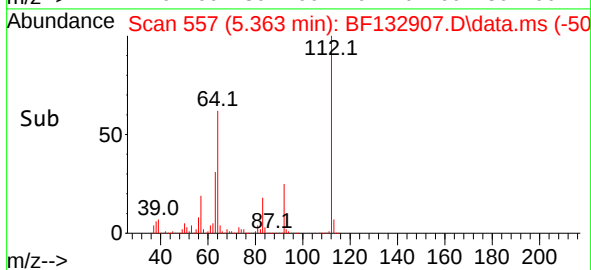
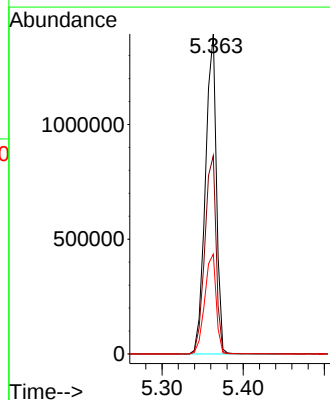
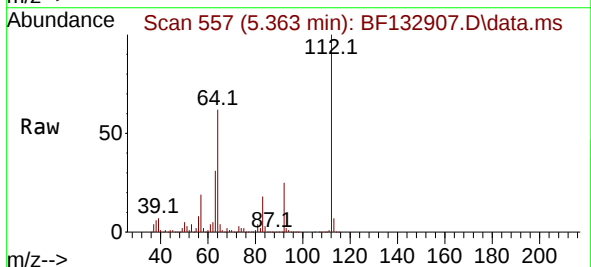
Instrument :
 BNA_F
 ClientSampleId :
 SB-18-COMP

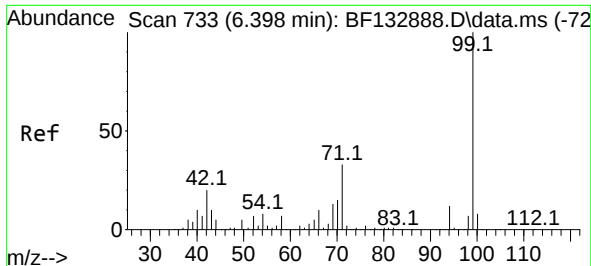
Tgt Ion:152 Resp: 238345
 Ion Ratio Lower Upper
 152 100
 150 152.3 122.8 184.2
 115 58.2 47.3 70.9



#5
 2-Fluorophenol
 Concen: 86.285 ng
 RT: 5.363 min Scan# 557
 Delta R.T. 0.000 min
 Lab File: BF132907.D
 Acq: 18 Apr 2023 18:29

Tgt Ion:112 Resp: 1315208
 Ion Ratio Lower Upper
 112 100
 64 62.0 51.8 77.8
 63 31.2 26.3 39.5

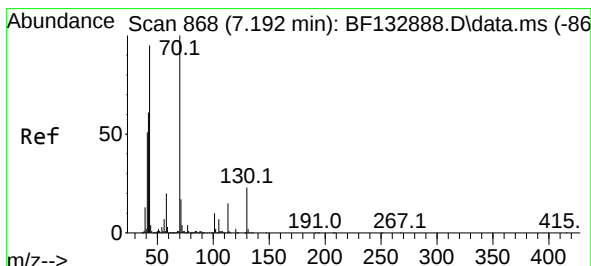
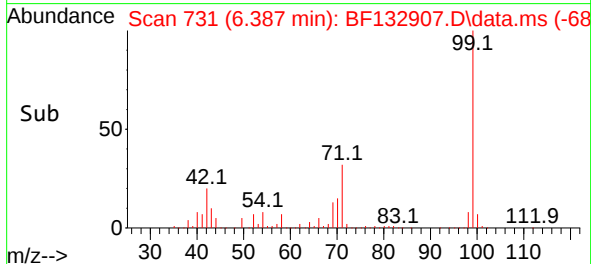
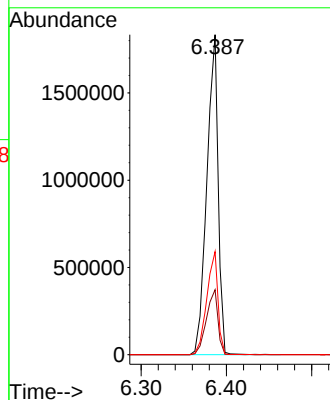
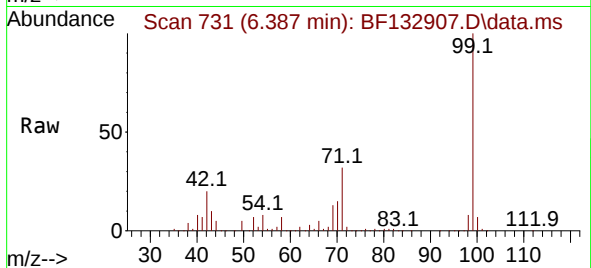




#7
Phenol-d6
Concen: 86.759 ng
RT: 6.387 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF132907.D
Acq: 18 Apr 2023 18:29

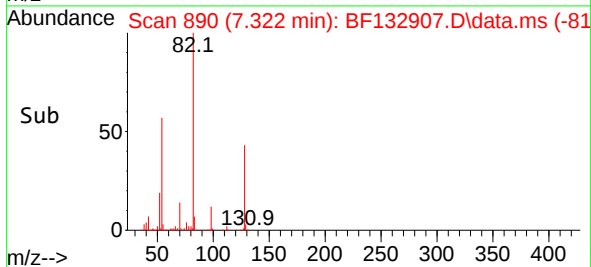
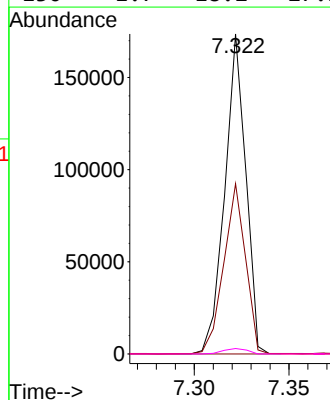
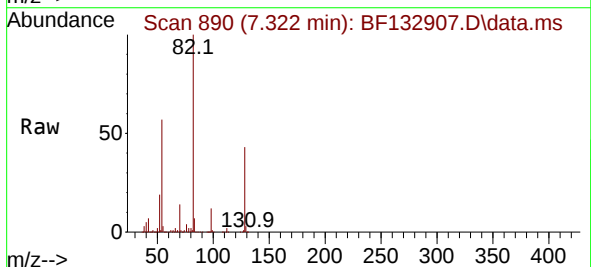
Instrument :
BNA_F
ClientSampleId :
SB-18-COMP

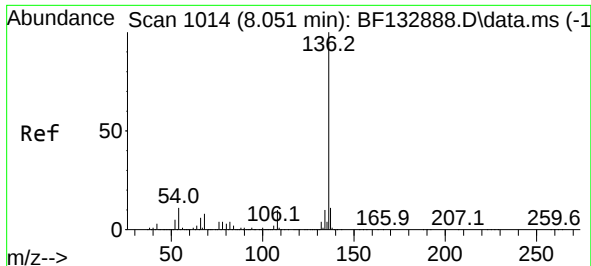
Tgt Ion: 99 Resp: 1687483
Ion Ratio Lower Upper
99 100
42 20.3 16.1 24.1
71 32.2 26.1 39.1



#19
n-Nitroso-di-n-propylamine
Concen: 11.021 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.130 min
Lab File: BF132907.D
Acq: 18 Apr 2023 18:29

Tgt Ion: 70 Resp: 133797
Ion Ratio Lower Upper
70 100
42 53.2 49.0 73.6
101 0.0 8.1 12.1#
130 1.7 18.2 27.2#



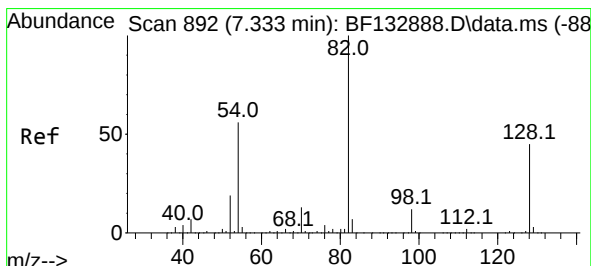
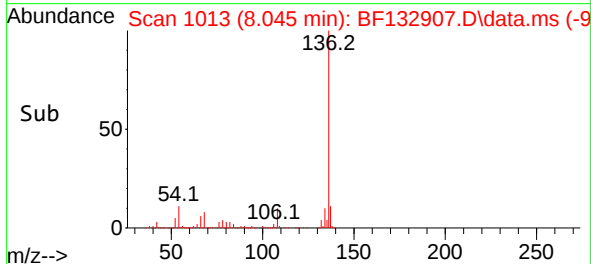
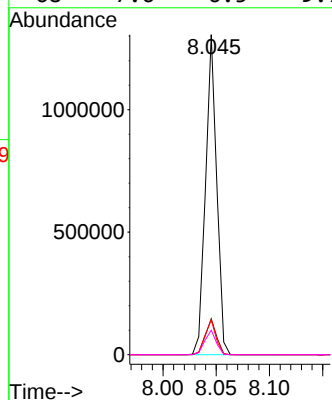
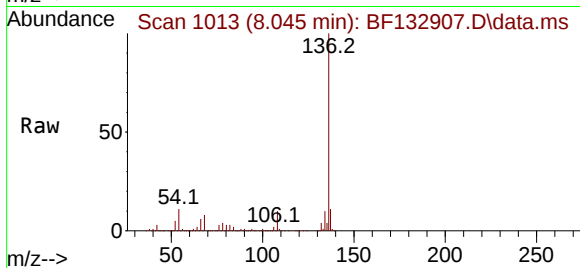


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF132907.D
Acq: 18 Apr 2023 18:29

Instrument :
BNA_F
ClientSampleId :
SB-18-COMP

Tgt Ion:136 Resp: 953338

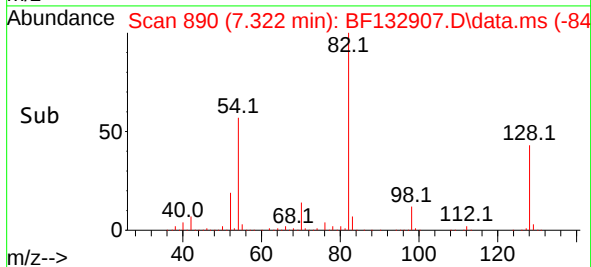
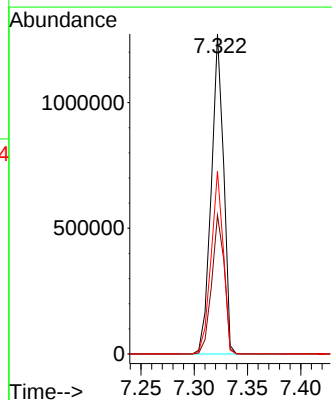
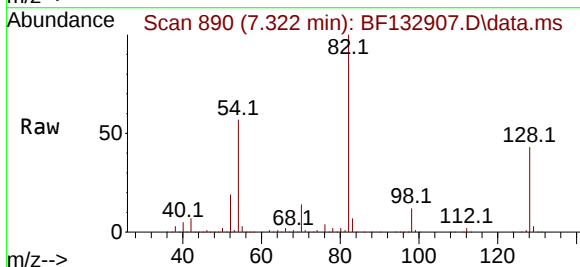
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	10.8	8.9	13.3
68	7.6	6.5	9.7

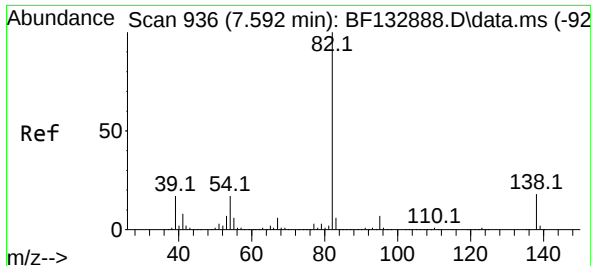


#23
Nitrobenzene-d5
Concen: 55.833 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF132907.D
Acq: 18 Apr 2023 18:29

Tgt Ion: 82 Resp: 1021152

Ion	Ratio	Lower	Upper
82	100		
128	43.4	35.7	53.5
54	57.1	44.7	67.1

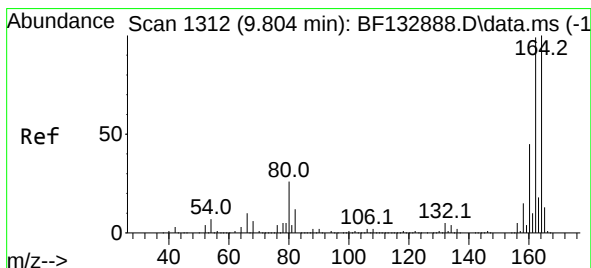
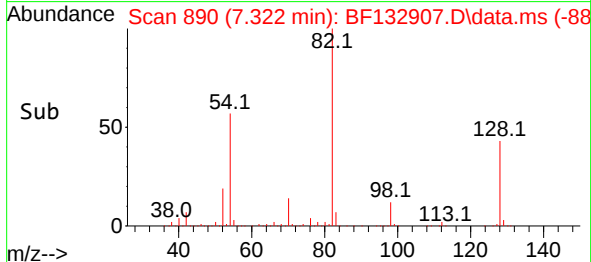
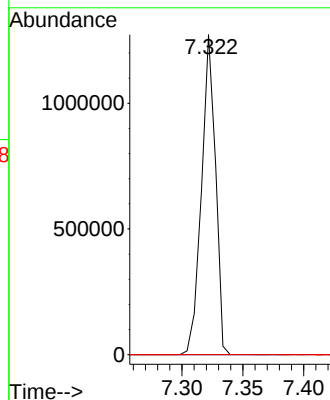
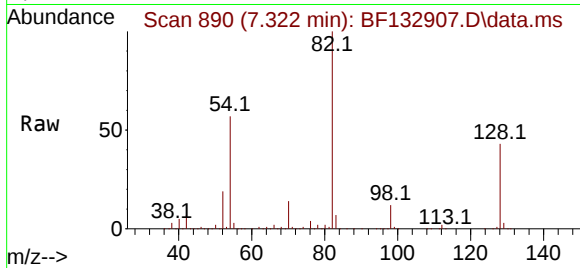




#25
Isophorone
Concen: 29.436 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF132907.D
Acq: 18 Apr 2023 18:29

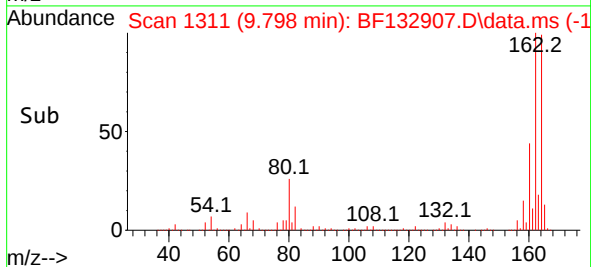
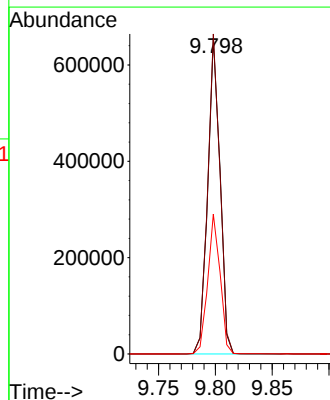
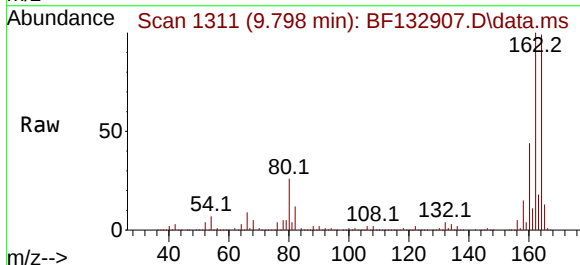
Instrument :
BNA_F
ClientSampleId :
SB-18-COMP

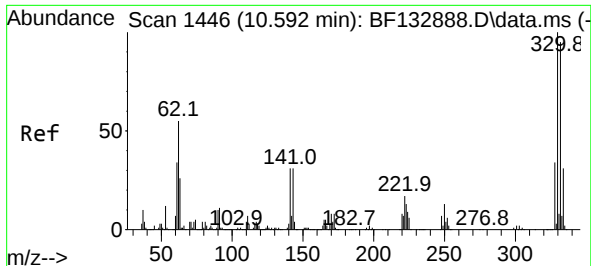
Tgt Ion: 82 Resp: 1021193
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF132907.D
Acq: 18 Apr 2023 18:29

Tgt Ion:164 Resp: 492664
Ion Ratio Lower Upper
164 100
162 101.3 79.1 118.7
160 44.3 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 80.027 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.006 min

Lab File: BF132907.D

Acq: 18 Apr 2023 18:29

Instrument :

BNA_F

ClientSampleId :

SB-18-COMP

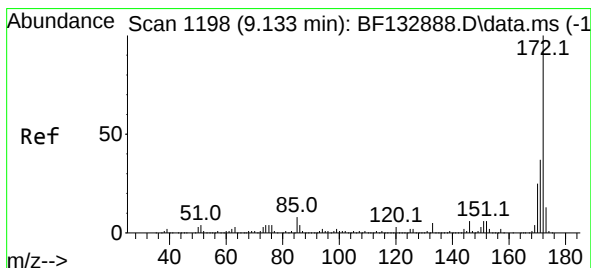
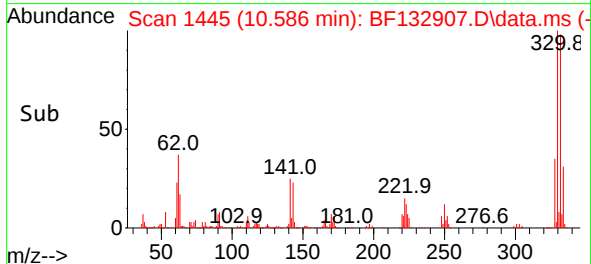
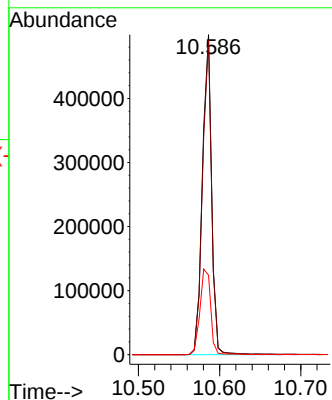
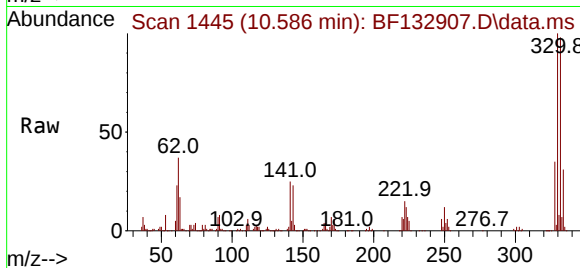
Tgt Ion:330 Resp: 395450

Ion Ratio Lower Upper

330 100

332 97.2 76.3 114.5

141 31.0 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 57.432 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.012 min

Lab File: BF132907.D

Acq: 18 Apr 2023 18:29

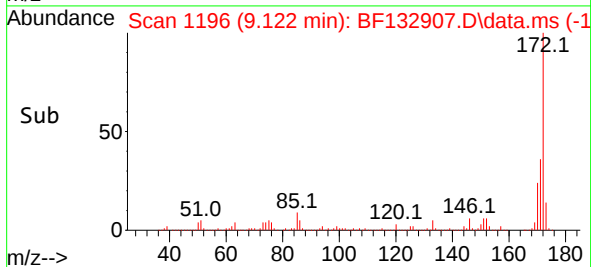
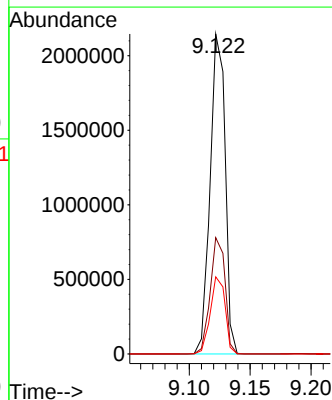
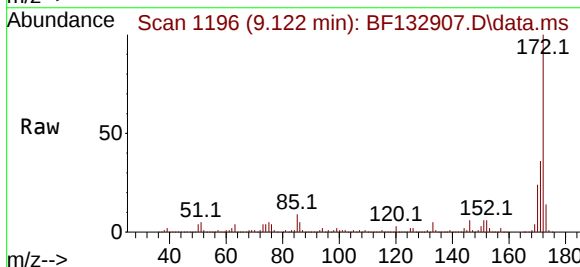
Tgt Ion:172 Resp: 1841825

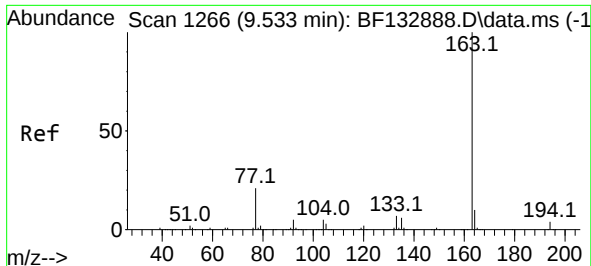
Ion Ratio Lower Upper

172 100

171 36.3 29.4 44.0

170 24.1 20.1 30.1

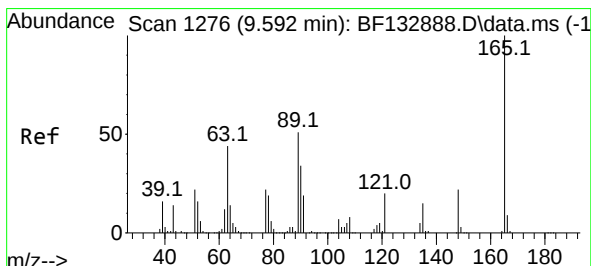
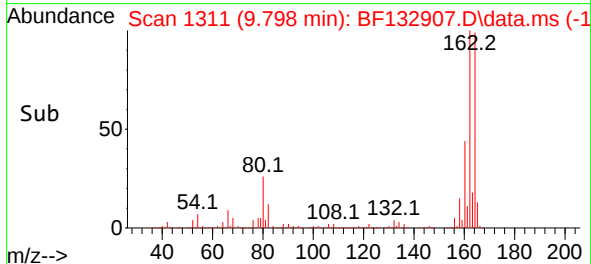
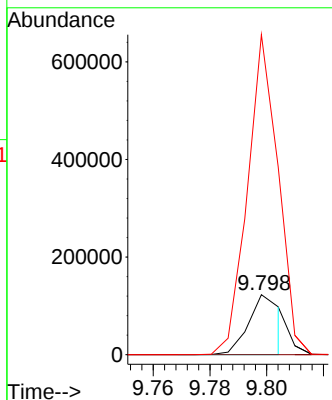
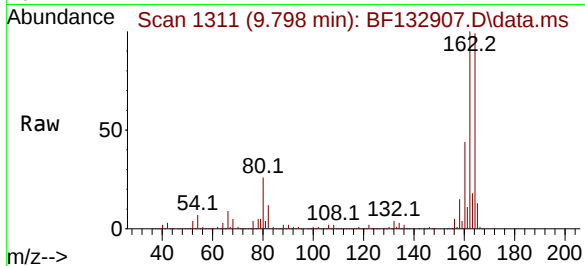




#50
Dimethylphthalate
Concen: 2.831 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.265 min
Lab File: BF132907.D
Acq: 18 Apr 2023 18:29

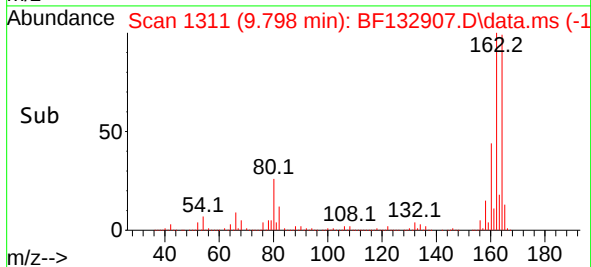
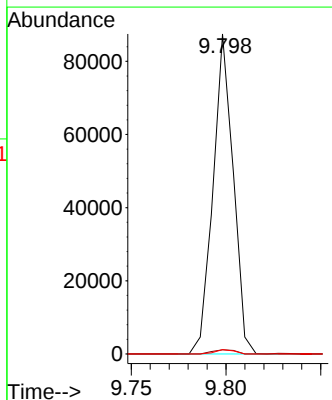
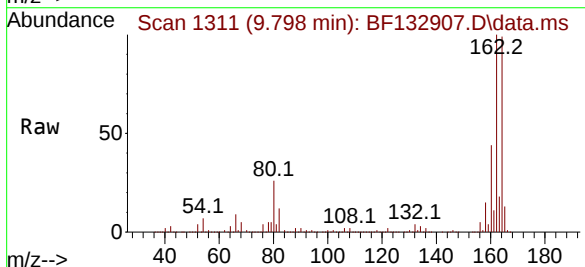
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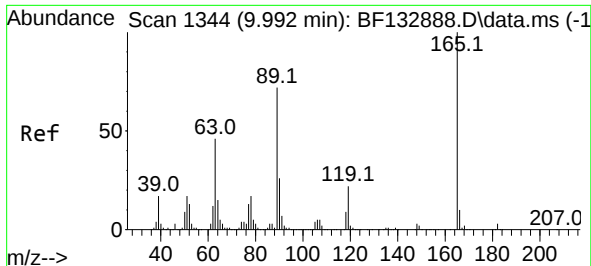
Tgt Ion:163 Resp: 96432
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.0#
164 533.5 8.3 12.5#



#51
2,6-Dinitrotoluene
Concen: 8.694 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.206 min
Lab File: BF132907.D
Acq: 18 Apr 2023 18:29

Tgt Ion:165 Resp: 64929
Ion Ratio Lower Upper
165 100
63 1.3 42.6 63.8#
89 1.4 41.0 61.4#

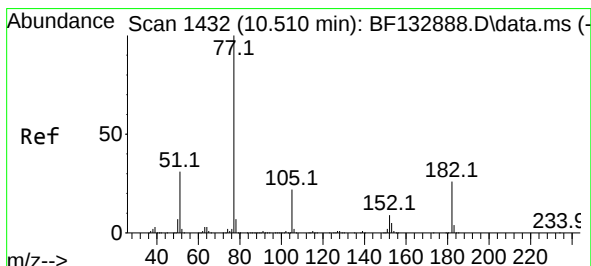
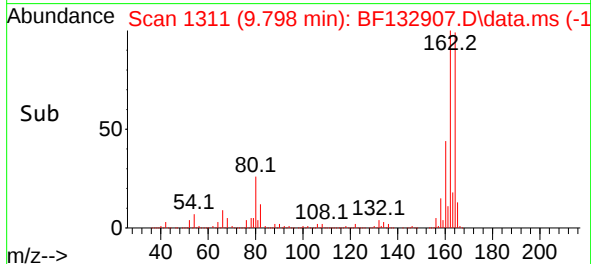
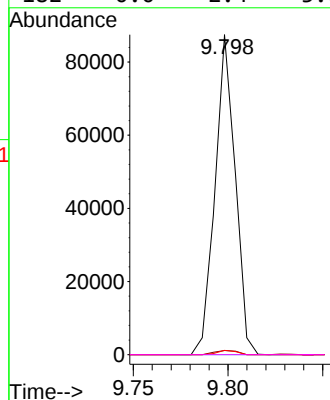
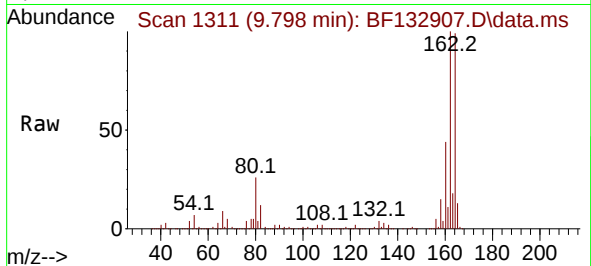




#57
2,4-Dinitrotoluene
Concen: 7.045 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF132907.D
Acq: 18 Apr 2023 18:29

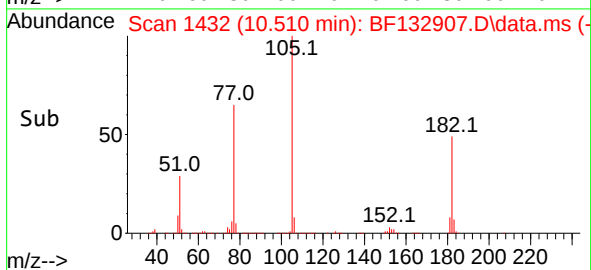
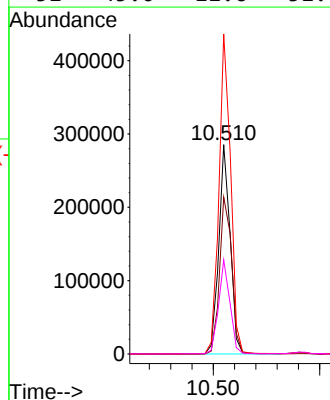
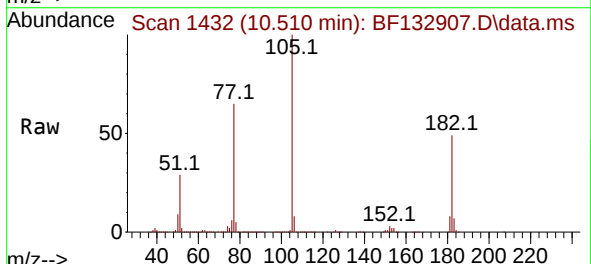
Instrument :
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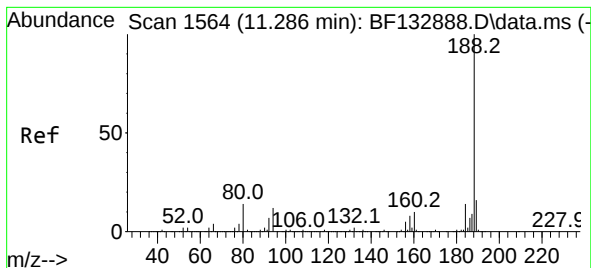
Tgt Ion:165 Resp: 64929
Ion Ratio Lower Upper
165 100
63 1.3 37.0 55.6#
89 1.4 57.8 86.6#
182 0.0 2.4 3.6#



#63
Azobenzene
Concen: 5.942 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF132907.D
Acq: 18 Apr 2023 18:29

Tgt Ion: 77 Resp: 211271
Ion Ratio Lower Upper
77 100
182 75.0 6.0 46.0#
105 152.9 1.6 41.6#
51 45.0 11.6 51.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.280 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132907.D

Acq: 18 Apr 2023 18:29

Instrument :

BNA_F

ClientSampleId :

SB-18-COMP

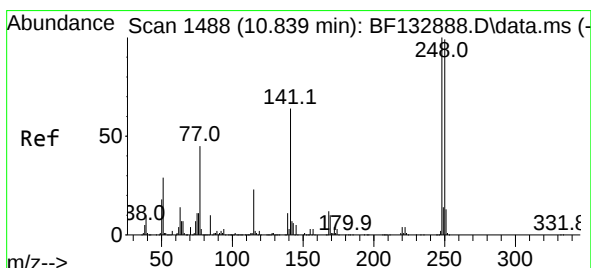
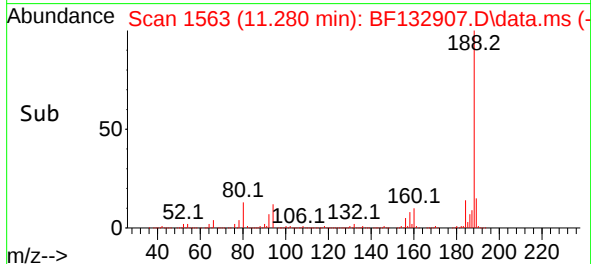
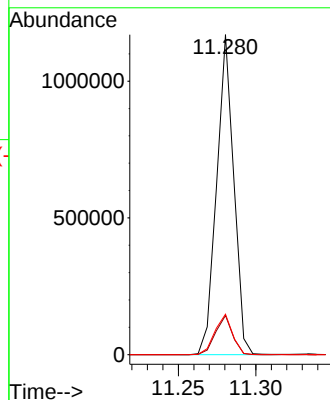
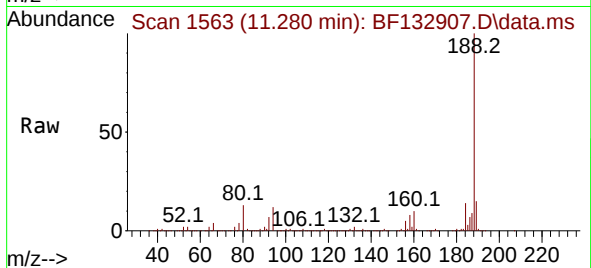
Tgt Ion:188 Resp: 899009

Ion Ratio Lower Upper

188 100

94 12.3 9.9 14.9

80 12.6 10.8 16.2



#67

4-Bromophenyl-phenylether

Concen: 2.389 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.253 min

Lab File: BF132907.D

Acq: 18 Apr 2023 18:29

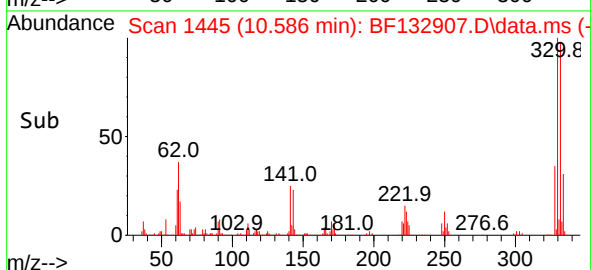
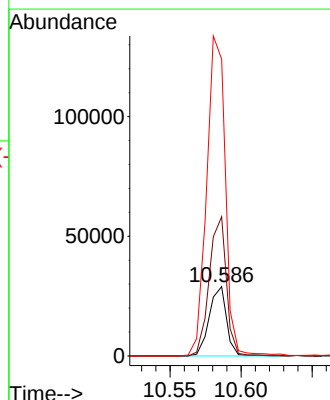
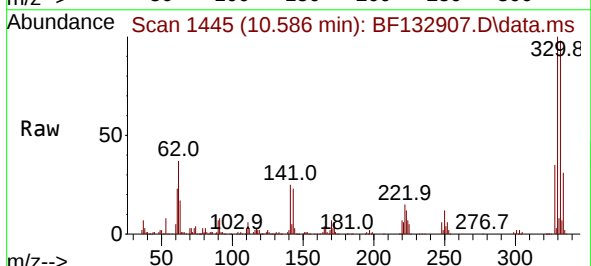
Tgt Ion:248 Resp: 24526

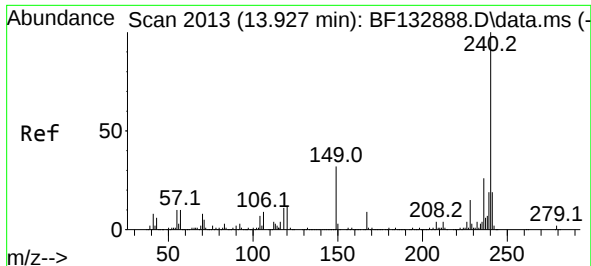
Ion Ratio Lower Upper

248 100

250 201.1 79.1 118.7#

141 428.6 51.0 76.6#





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.916 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF132907.D
Acq: 18 Apr 2023 18:29

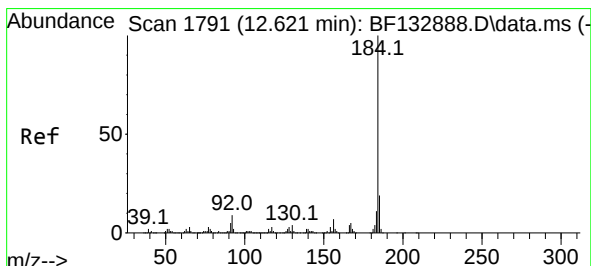
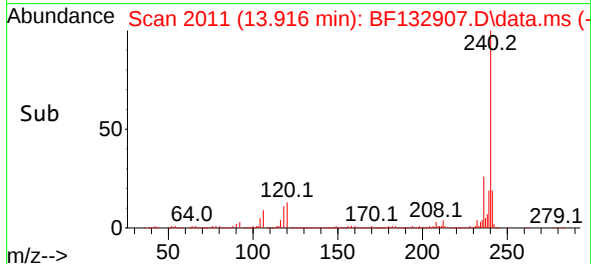
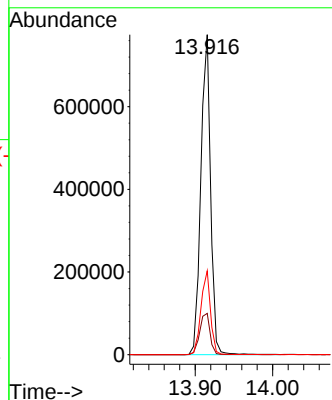
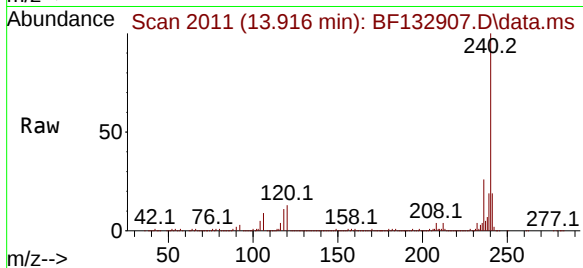
Instrument :

BNA_F

ClientSampleId :

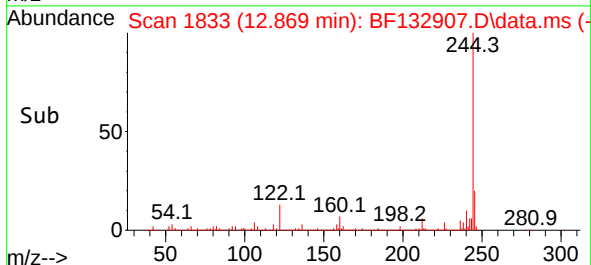
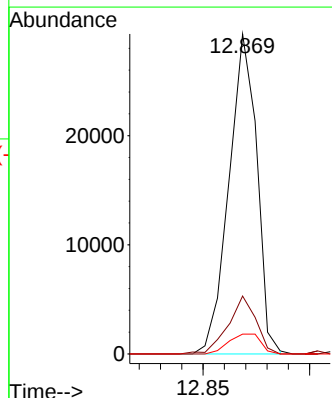
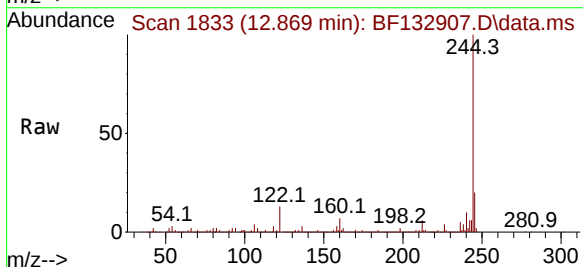
SB-18-COMP

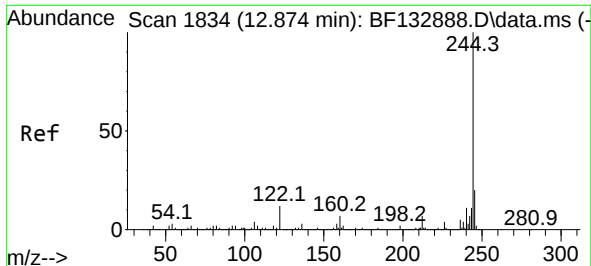
Tgt Ion:240 Resp: 675586
Ion Ratio Lower Upper
240 100
120 12.9 10.0 15.0
236 26.2 20.8 31.2



#77
Benzidine
Concen: 2.540 ng
RT: 12.869 min Scan# 1833
Delta R.T. 0.248 min
Lab File: BF132907.D
Acq: 18 Apr 2023 18:29

Tgt Ion:184 Resp: 26732
Ion Ratio Lower Upper
184 100
185 18.1 14.9 22.3
183 6.2 9.0 13.6#

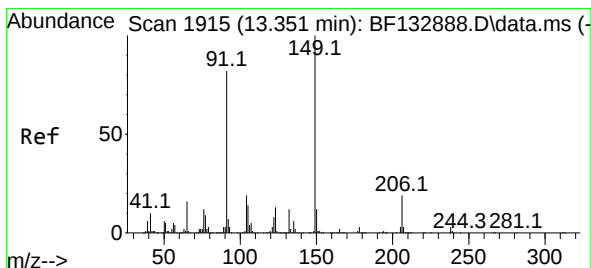
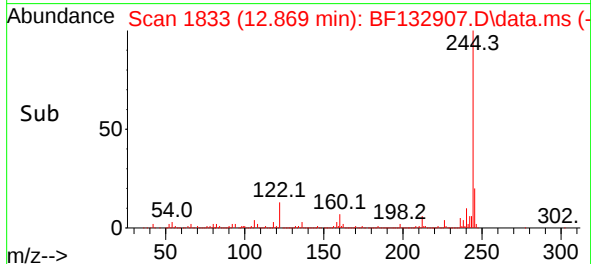
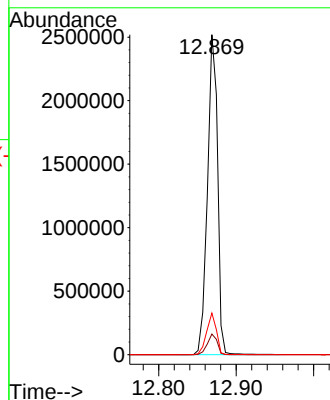
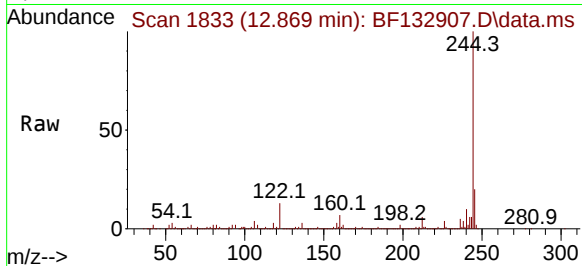




#79
 Terphenyl-d14
 Concen: 57.646 ng
 RT: 12.869 min Scan# 1833
 Delta R.T. -0.006 min
 Lab File: BF132907.D
 Acq: 18 Apr 2023 18:29

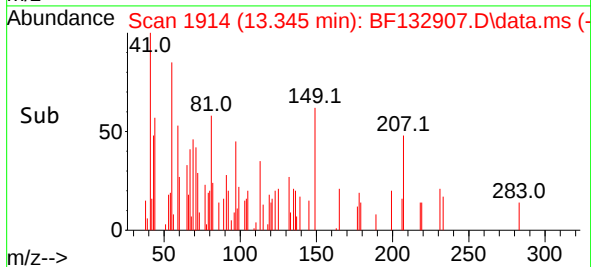
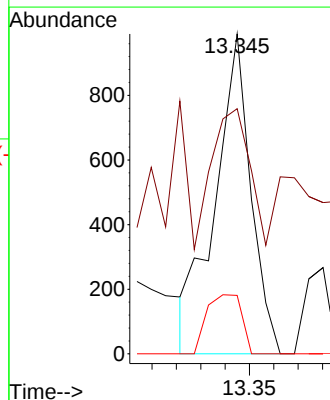
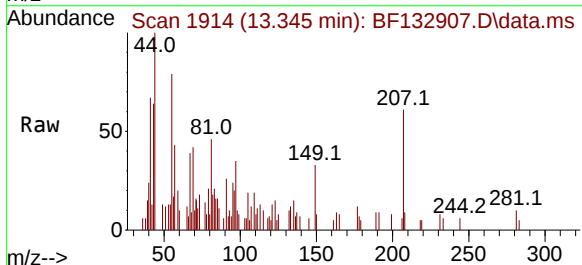
Instrument :
 BNA_F
 ClientSampleId :
 SB-18-COMP

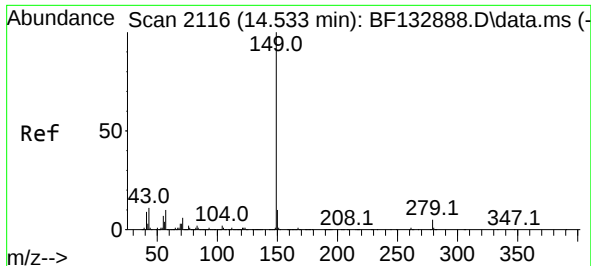
Tgt Ion:244 Resp: 2282716
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 13.0 9.6 14.4



#80
 Butylbenzylphthalate
 Concen: 5.202 ng
 RT: 13.345 min Scan# 1914
 Delta R.T. -0.006 min
 Lab File: BF132907.D
 Acq: 18 Apr 2023 18:29

Tgt Ion:149 Resp: 1008
 Ion Ratio Lower Upper
 149 100
 91 76.7 65.4 98.0
 206 18.3 15.6 23.4

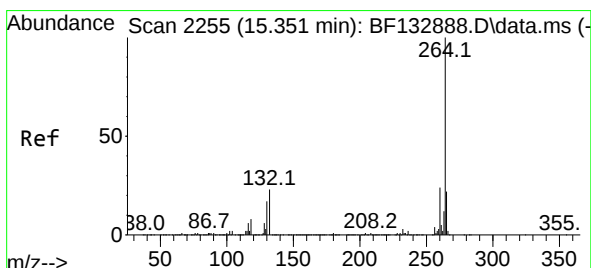
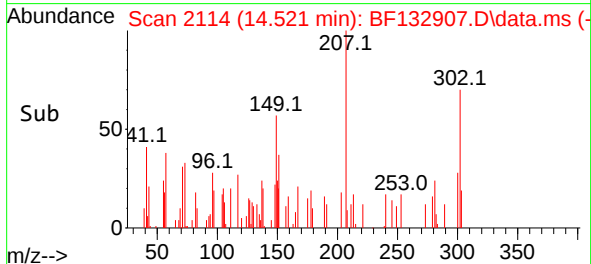
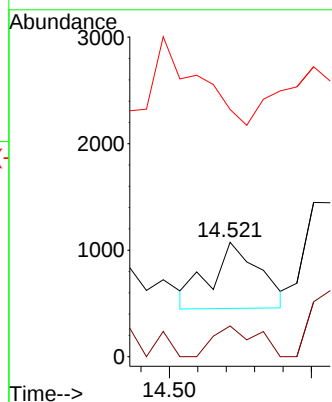
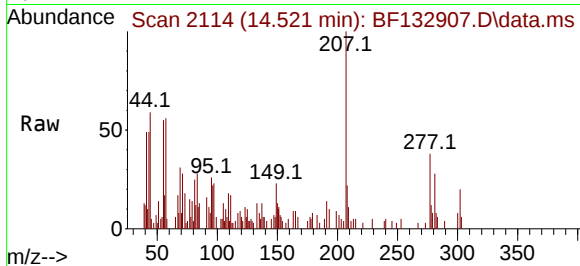




#85
Di-n-octyl phthalate
Concen: 6.400 ng
RT: 14.521 min Scan# 2116
Delta R.T. -0.012 min
Lab File: BF132907.D
Acq: 18 Apr 2023 18:29

Instrument :
BNA_F
ClientSampleId :
SB-18-COMP

Tgt Ion:149 Resp: 740
Ion Ratio Lower Upper
149 100
167 41.8 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: BF132907.D
Acq: 18 Apr 2023 18:29

Tgt Ion:264 Resp: 619478
Ion Ratio Lower Upper
264 100
260 24.4 19.0 28.6
265 21.6 17.7 26.5

