

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041923\
 Data File : BF132917.D
 Acq On : 19 Apr 2023 18:03
 Operator : CG\JU
 Sample : 02270-26
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-14-16-20230413

Quant Time: Apr 20 01:48:03 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)

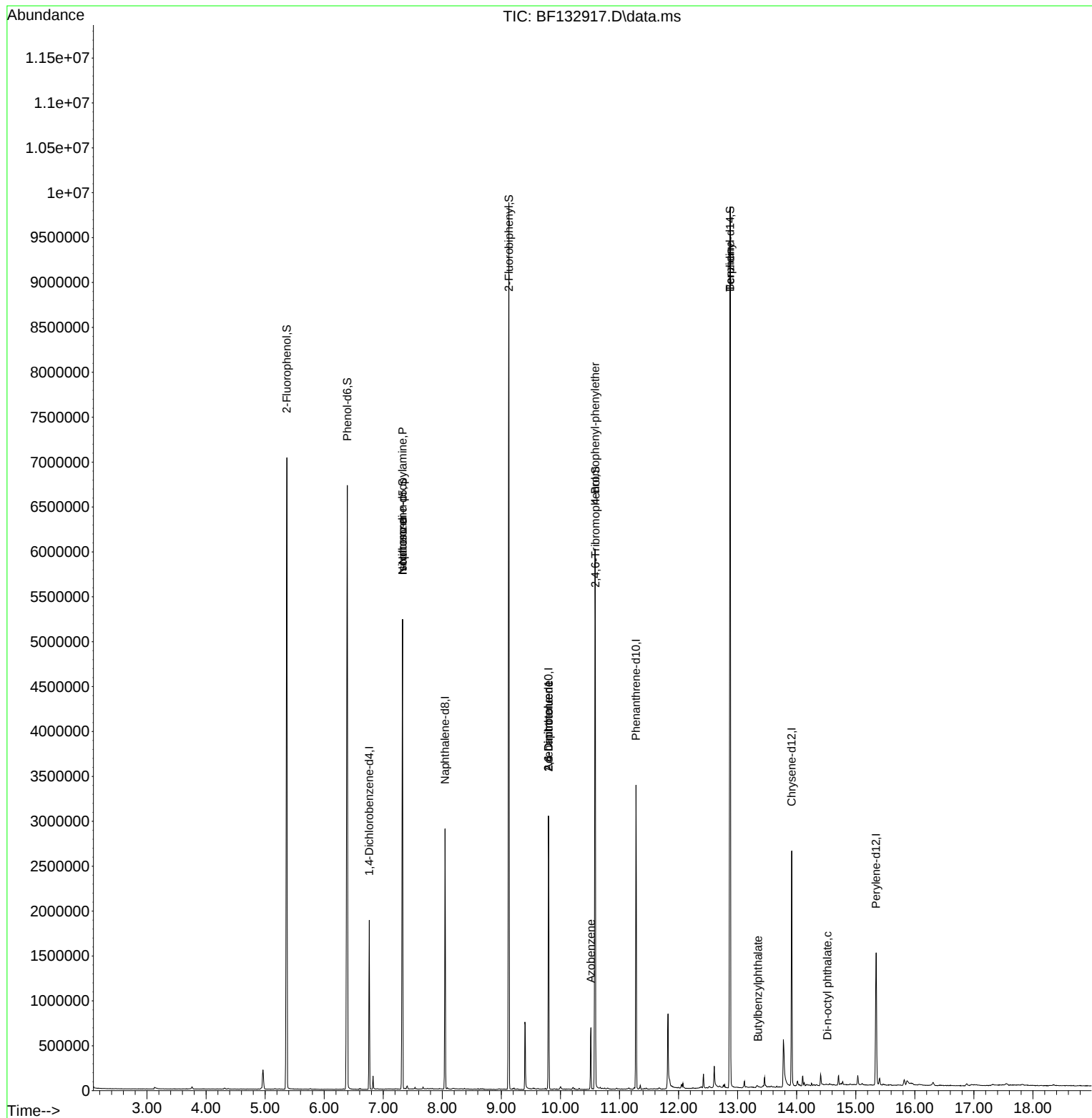
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	230745	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	1046599	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	579204	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	1090818	20.000	ng	0.00
76) Chrysene-d12	13.915	240	746716	20.000	ng	-0.01
86) Perylene-d12	15.345	264	605469	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1958453	132.717	ng	0.00
7) Phenol-d6	6.392	99	2476886	131.539	ng	0.00
23) Nitrobenzene-d5	7.328	82	1585663	78.972	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	812583	139.873	ng	0.00
45) 2-Fluorobiphenyl	9.127	172	2740730	72.692	ng	0.00
79) Terphenyl-d14	12.874	244	3715511	84.891	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.328	70	212333	18.065	ng	# 80
25) Isophorone	7.328	82	1584018	41.591	ng	# 65
51) 2,6-Dinitrotoluene	9.798	165	74866	8.527	ng	# 27
57) 2,4-Dinitrotoluene	9.798	165	74866	6.909	ng	# 23
63) Azobenzene	10.516	77	111236	2.661	ng	# 1
67) 4-Bromophenyl-phenylether	10.586	248	47584	3.820	ng	# 1
77) Benzidine	12.874	184	43000	3.697	ng	# 92
80) Butylbenzylphthalate	13.345	149	1635	5.233	ng	# 90
85) Di-n-octyl phthalate	14.521	149	2135	6.427	ng	# 68

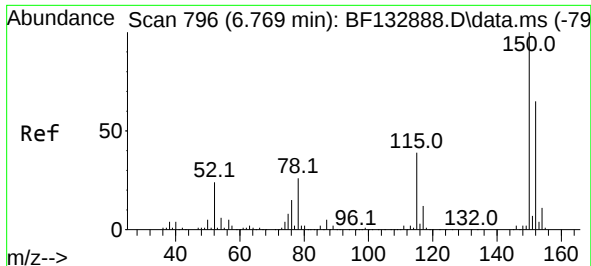
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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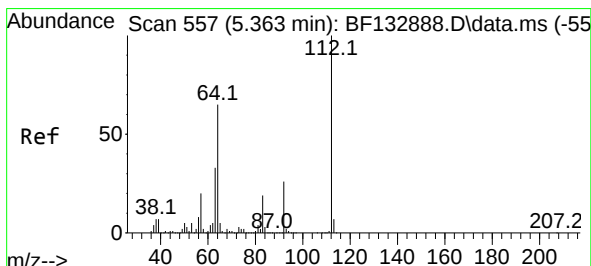
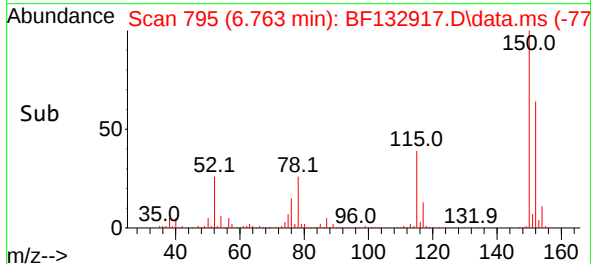
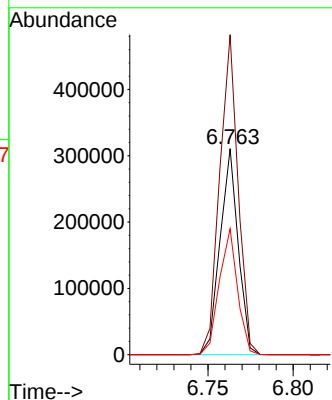
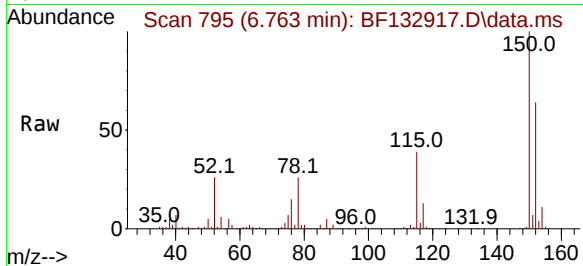




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF132917.D
Acq: 19 Apr 2023 18:03

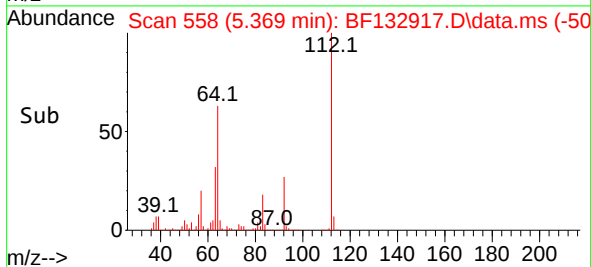
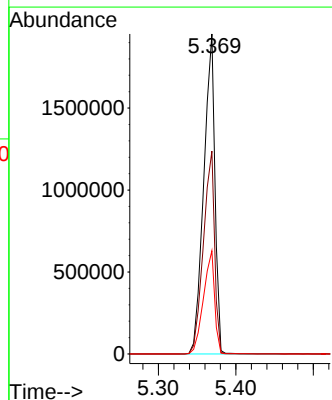
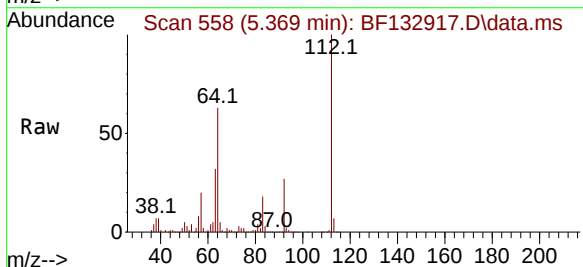
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SB-16-14-16-20230413

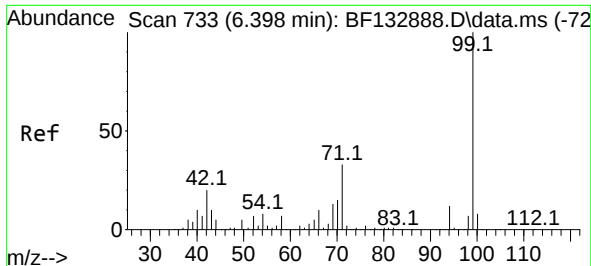
Tgt Ion:152 Resp: 230745
Ion Ratio Lower Upper
152 100
150 155.3 122.8 184.2
115 61.1 47.3 70.9



#5
2-Fluorophenol
Concen: 132.717 ng
RT: 5.369 min Scan# 558
Delta R.T. 0.006 min
Lab File: BF132917.D
Acq: 19 Apr 2023 18:03

Tgt Ion:112 Resp: 1958453
Ion Ratio Lower Upper
112 100
64 63.4 51.8 77.8
63 32.3 26.3 39.5

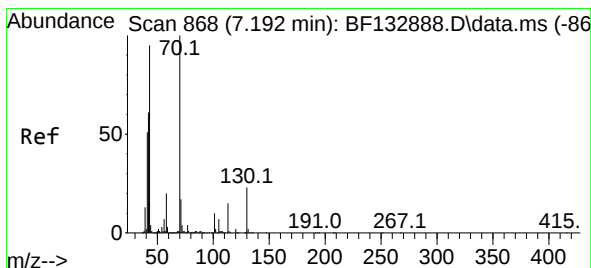
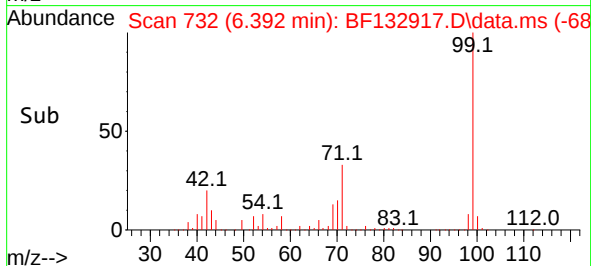
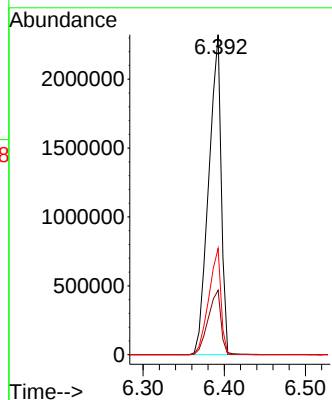
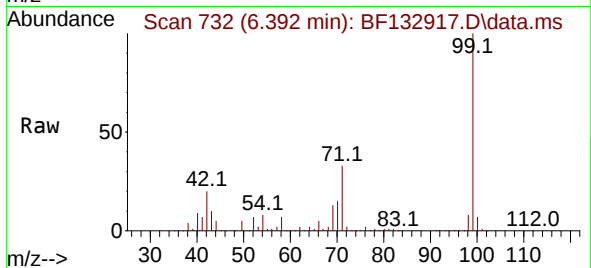




#7
Phenol-d6
Concen: 131.539 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132917.D
Acq: 19 Apr 2023 18:03

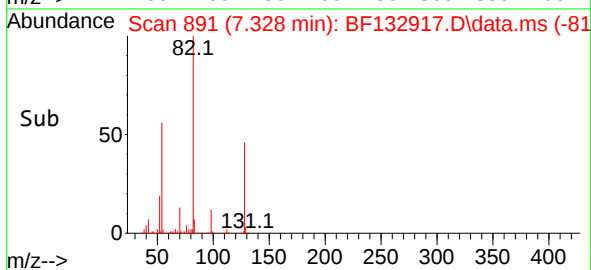
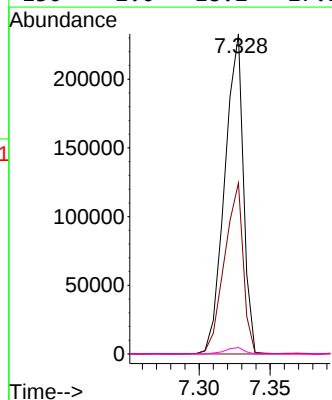
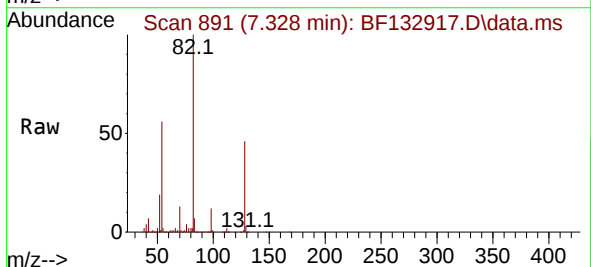
Instrument :
BNA_F
ClientSampleId :
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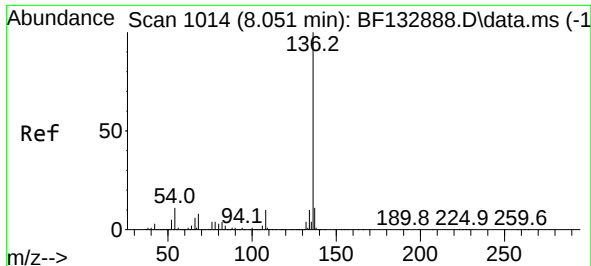
Tgt Ion: 99 Resp: 2476886
Ion Ratio Lower Upper
99 100
42 20.1 16.1 24.1
71 33.2 26.1 39.1



#19
n-Nitroso-di-n-propylamine
Concen: 18.065 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.135 min
Lab File: BF132917.D
Acq: 19 Apr 2023 18:03

Tgt Ion: 70 Resp: 212333
Ion Ratio Lower Upper
70 100
42 53.4 49.0 73.6
101 0.0 8.1 12.1#
130 2.0 18.2 27.2#



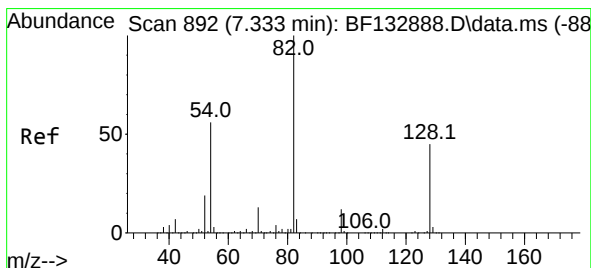
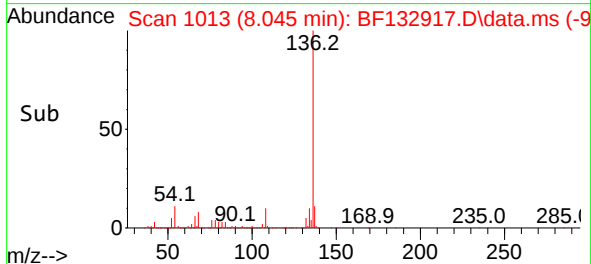
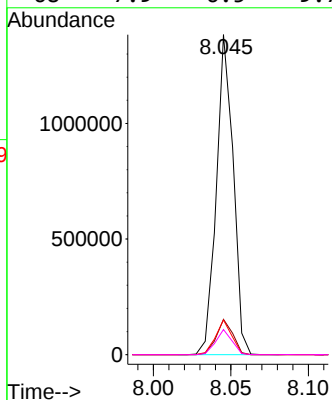
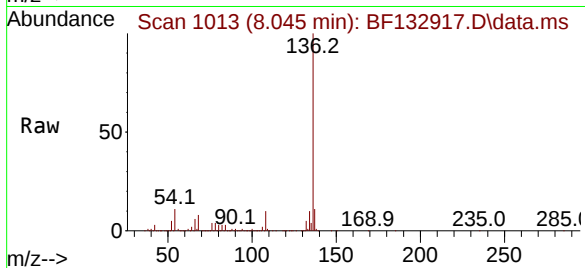


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF132917.D
Acq: 19 Apr 2023 18:03

Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413

Tgt Ion:136 Resp: 1046599

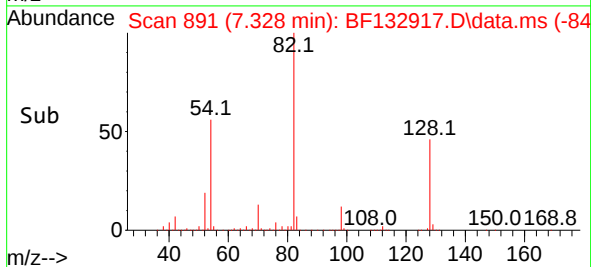
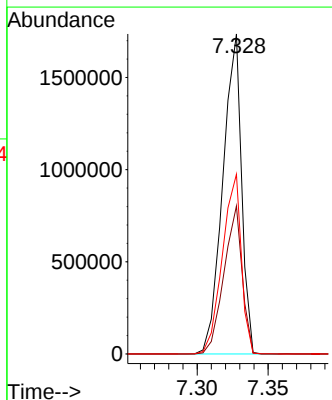
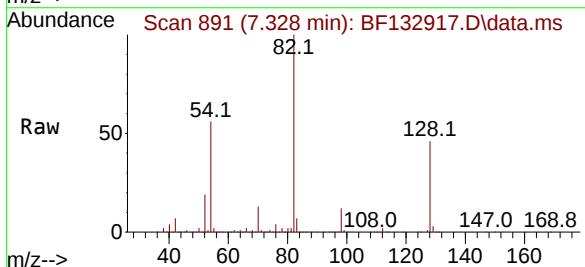
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	10.8	8.9	13.3
68	7.9	6.5	9.7

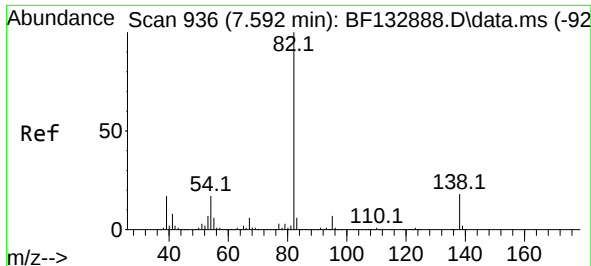


#23
Nitrobenzene-d5
Concen: 78.972 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF132917.D
Acq: 19 Apr 2023 18:03

Tgt Ion: 82 Resp: 1585663

Ion	Ratio	Lower	Upper
82	100		
128	46.2	35.7	53.5
54	56.1	44.7	67.1

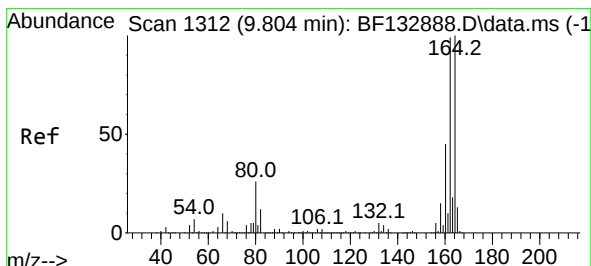
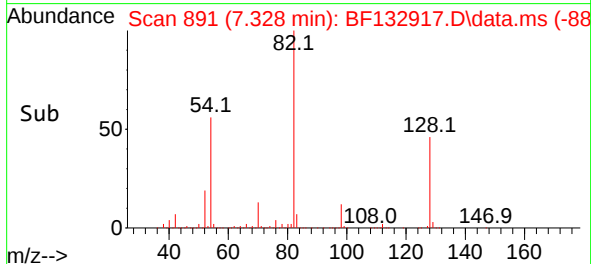
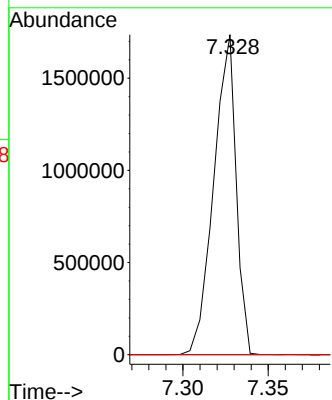
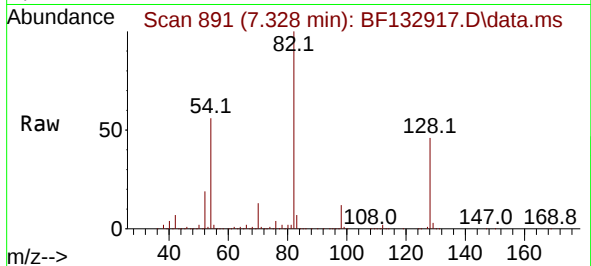




#25
Isophorone
Concen: 41.591 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.265 min
Lab File: BF132917.D
Acq: 19 Apr 2023 18:03

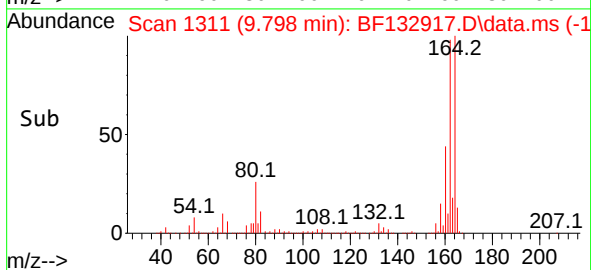
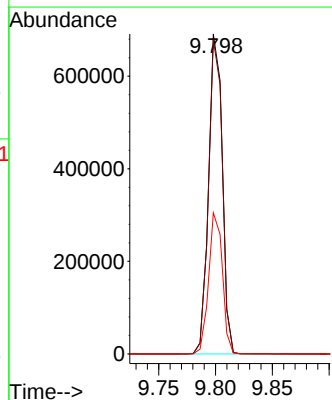
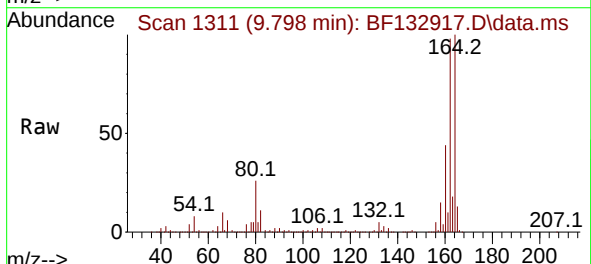
Instrument :
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ClientSampleId :
SB-16-14-16-20230413

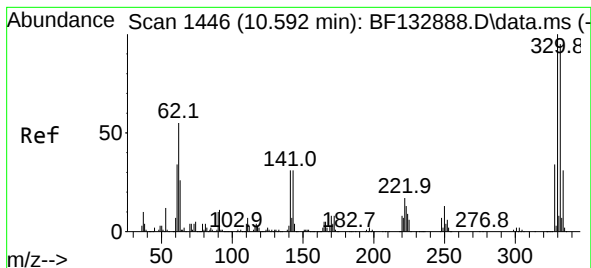
Tgt Ion: 82 Resp: 1584018
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF132917.D
Acq: 19 Apr 2023 18:03

Tgt Ion:164 Resp: 579204
Ion Ratio Lower Upper
164 100
162 98.2 79.1 118.7
160 44.1 35.6 53.4

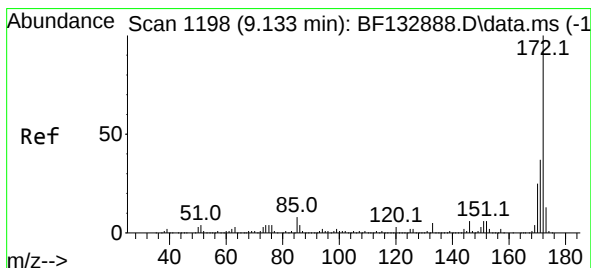
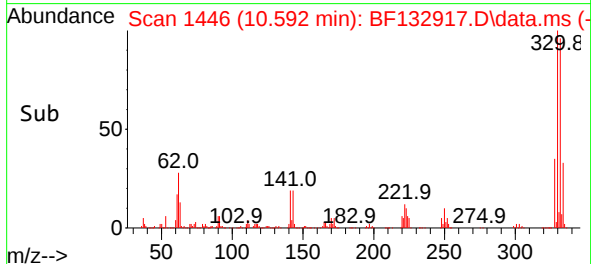
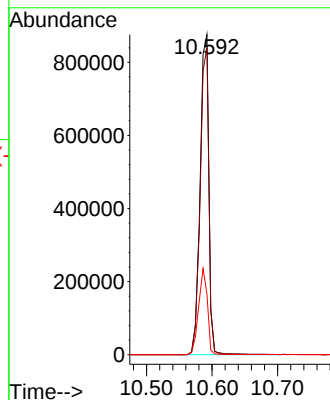
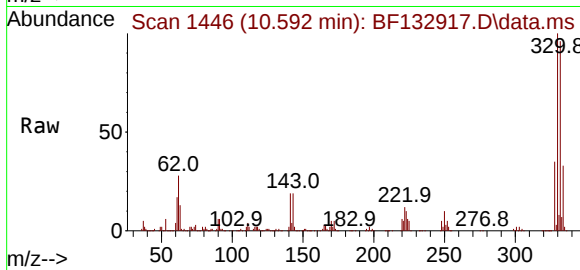




#42
2,4,6-Tribromophenol
Concen: 139.873 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF132917.D
Acq: 19 Apr 2023 18:03

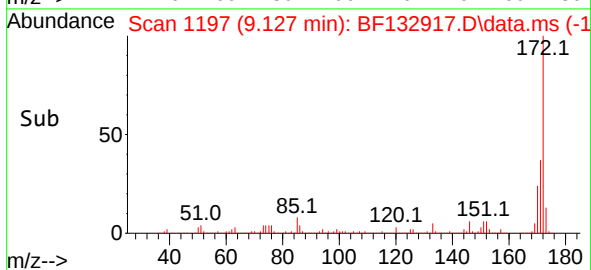
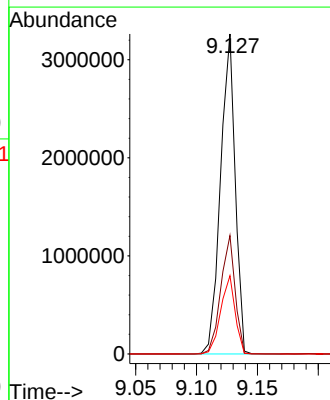
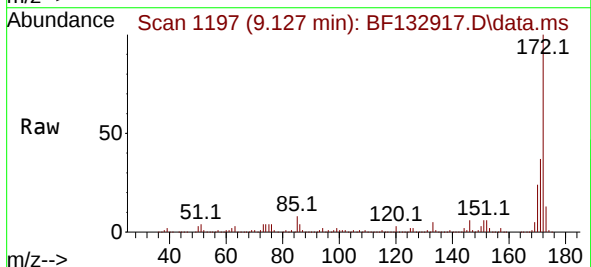
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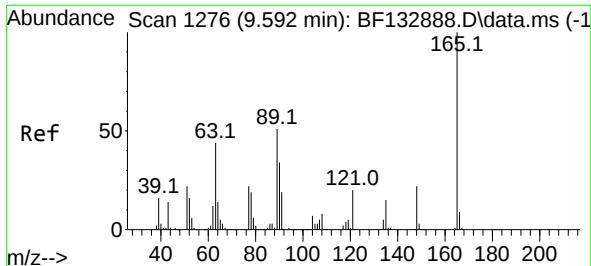
Tgt Ion:330 Resp: 812583
Ion Ratio Lower Upper
330 100
332 95.7 76.3 114.5
141 27.2 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 72.692 ng
RT: 9.127 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF132917.D
Acq: 19 Apr 2023 18:03

Tgt Ion:172 Resp: 2740730
Ion Ratio Lower Upper
172 100
171 37.0 29.4 44.0
170 24.5 20.1 30.1

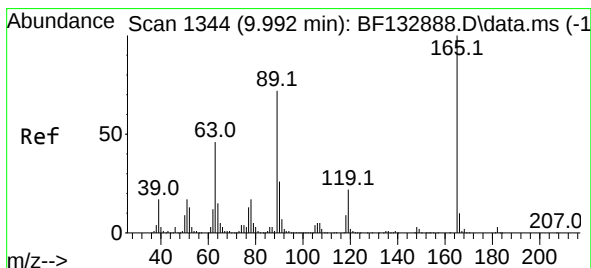
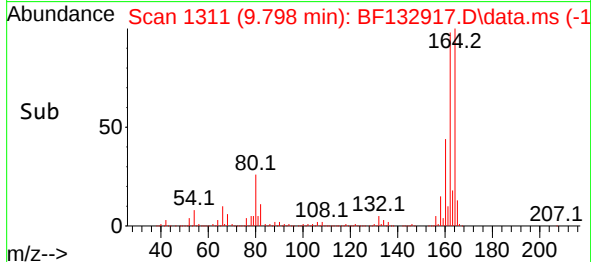
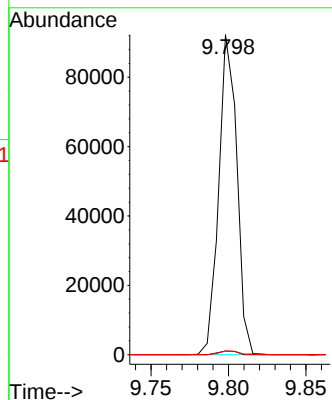
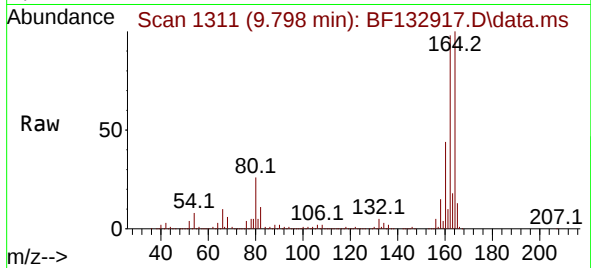




#51
2,6-Dinitrotoluene
Concen: 8.527 ng
RT: 9.798 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF132917.D
Acq: 19 Apr 2023 18:03

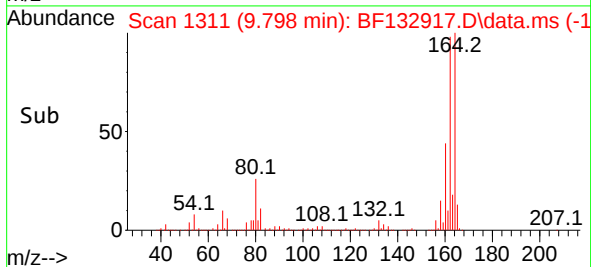
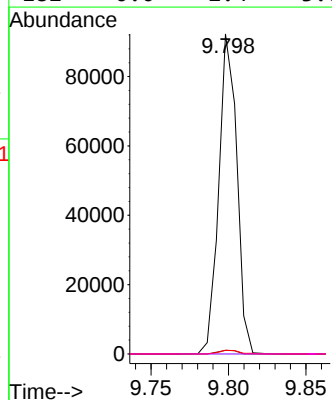
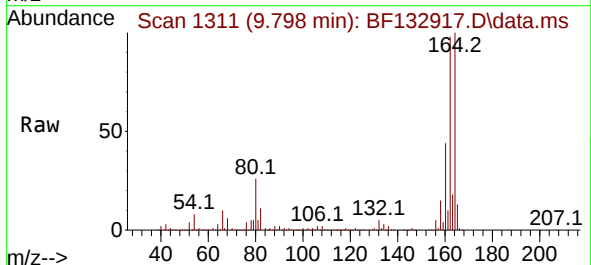
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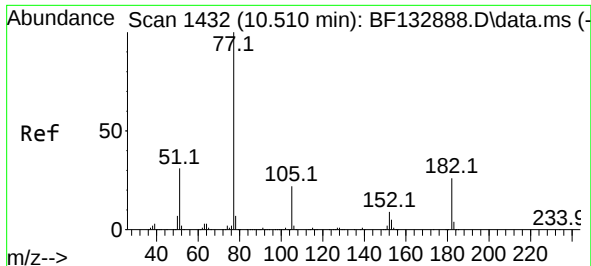
Tgt Ion:165 Resp: 74866
Ion Ratio Lower Upper
165 100
63 1.2 42.6 63.8#
89 1.1 41.0 61.4#



#57
2,4-Dinitrotoluene
Concen: 6.909 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.194 min
Lab File: BF132917.D
Acq: 19 Apr 2023 18:03

Tgt Ion:165 Resp: 74866
Ion Ratio Lower Upper
165 100
63 1.2 37.0 55.6#
89 1.1 57.8 86.6#
182 0.0 2.4 3.6#

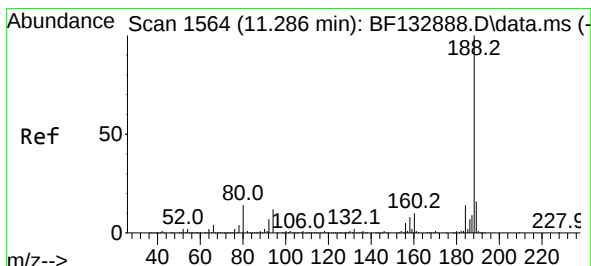
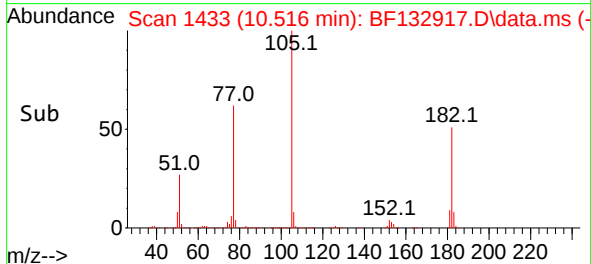
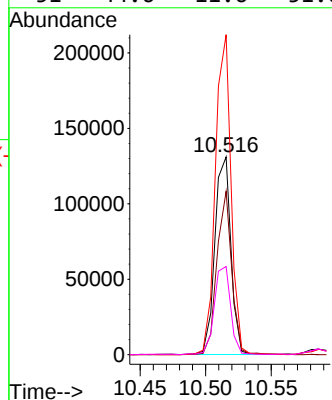
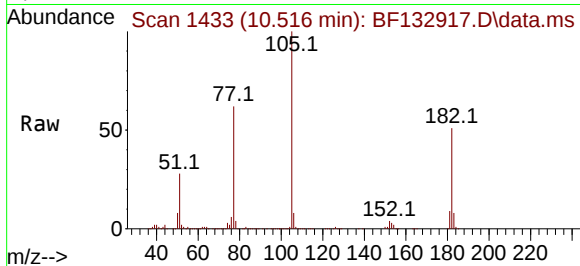




#63
Azobenzene
Concen: 2.661 ng
RT: 10.516 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF132917.D
Acq: 19 Apr 2023 18:03

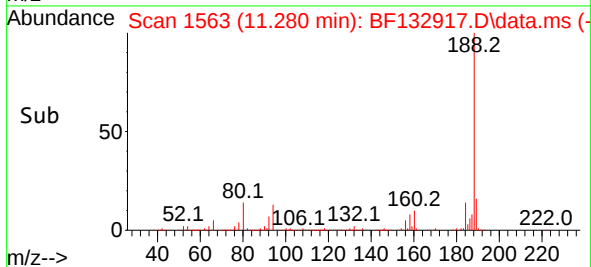
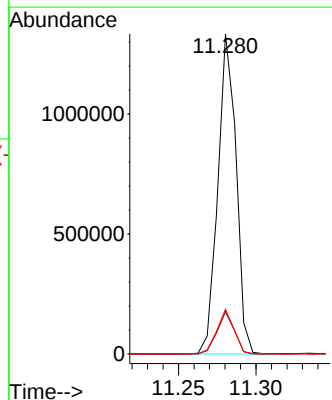
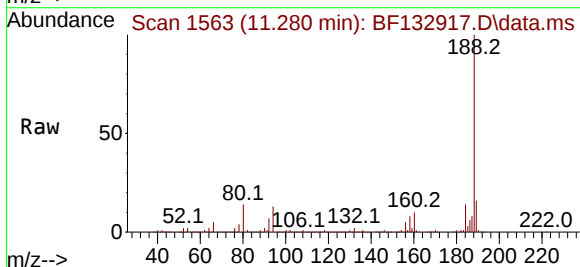
Instrument :
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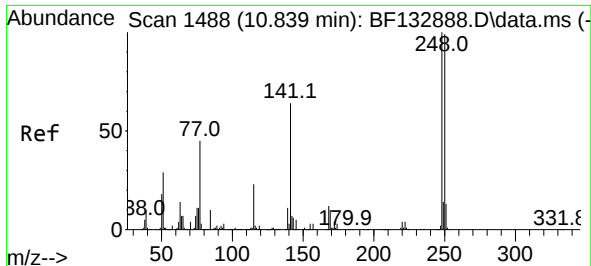
Tgt Ion: 77 Resp: 111236
Ion Ratio Lower Upper
77 100
182 82.6 6.0 46.0#
105 161.9 1.6 41.6#
51 44.6 11.6 51.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 1563
Delta R.T. -0.006 min
Lab File: BF132917.D
Acq: 19 Apr 2023 18:03

Tgt Ion: 188 Resp: 1090818
Ion Ratio Lower Upper
188 100
94 13.2 9.9 14.9
80 14.0 10.8 16.2

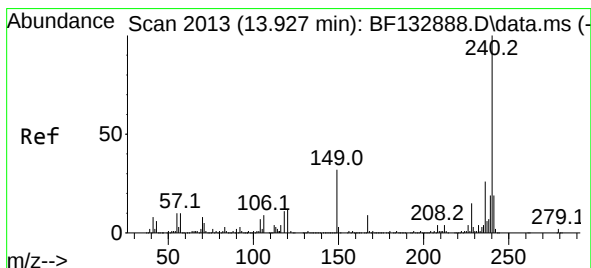
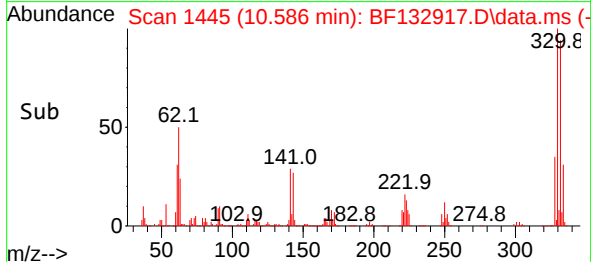
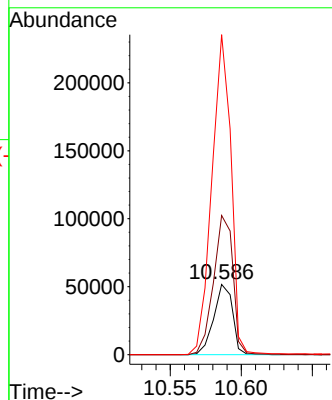
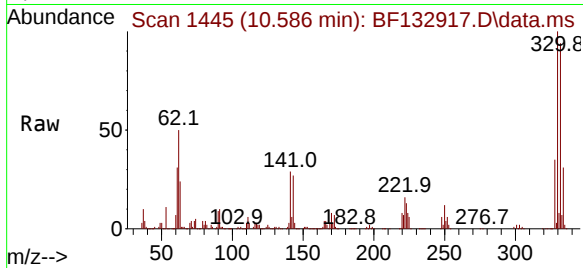




#67
4-Bromophenyl-phenylether
Concen: 3.820 ng
RT: 10.586 min Scan# 1488
Delta R.T. -0.253 min
Lab File: BF132917.D
Acq: 19 Apr 2023 18:03

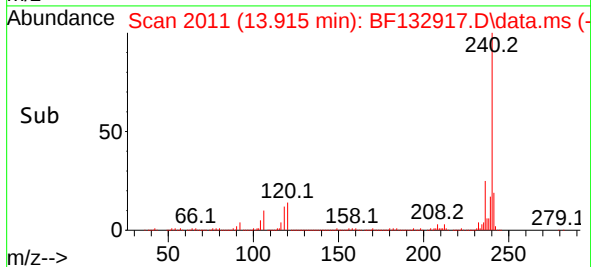
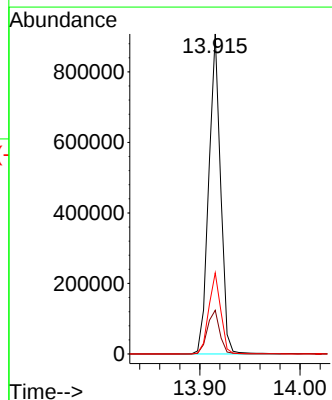
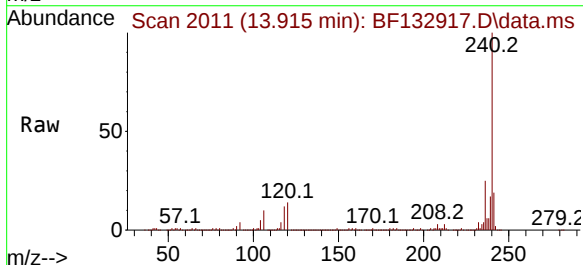
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413

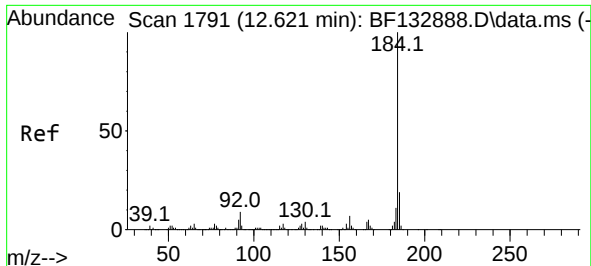
Tgt Ion:248 Resp: 47584
Ion Ratio Lower Upper
248 100
250 197.9 79.1 118.7#
141 455.1 51.0 76.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.915 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BF132917.D
Acq: 19 Apr 2023 18:03

Tgt Ion:240 Resp: 746716
Ion Ratio Lower Upper
240 100
120 13.6 10.0 15.0
236 25.4 20.8 31.2

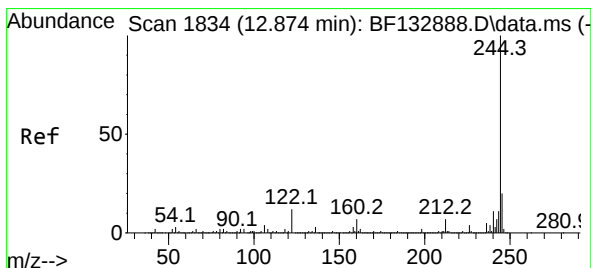
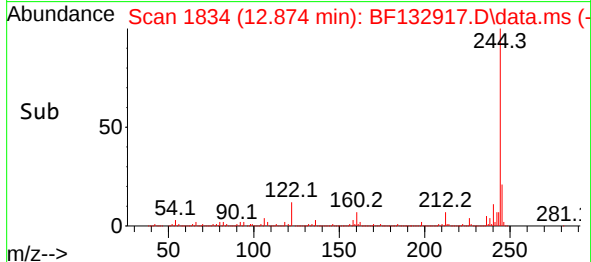
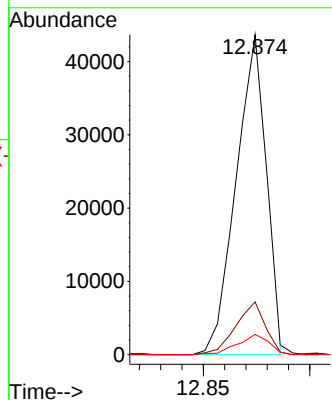
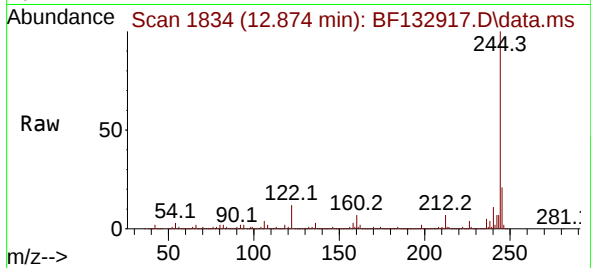




#77
Benzidine
Concen: 3.697 ng
RT: 12.874 min Scan# 1834
Delta R.T. 0.253 min
Lab File: BF132917.D
Acq: 19 Apr 2023 18:03

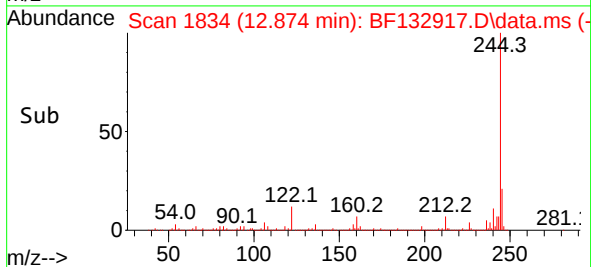
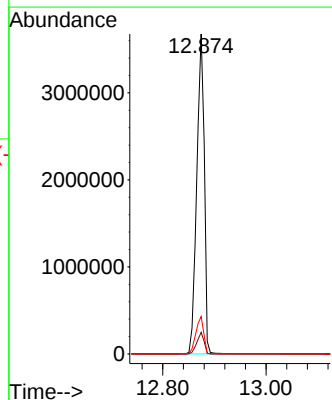
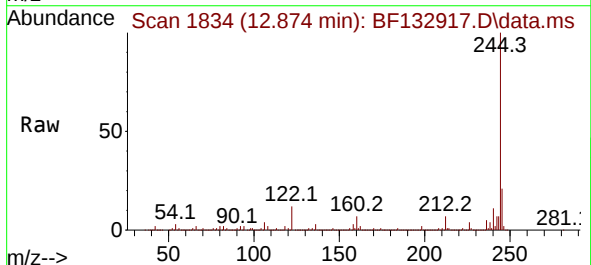
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413

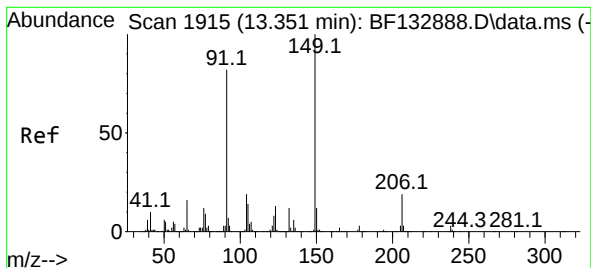
Tgt Ion:184 Resp: 43000
Ion Ratio Lower Upper
184 100
185 16.5 14.9 22.3
183 6.3 9.0 13.6#



#79
Terphenyl-d14
Concen: 84.891 ng
RT: 12.874 min Scan# 1834
Delta R.T. 0.000 min
Lab File: BF132917.D
Acq: 19 Apr 2023 18:03

Tgt Ion:244 Resp: 3715511
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 11.7 9.6 14.4





#80

Butylbenzylphthalate

Concen: 5.233 ng

RT: 13.345 min Scan# 1914

Delta R.T. -0.006 min

Lab File: BF132917.D

Acq: 19 Apr 2023 18:03

Instrument :

BNA_F

ClientSampleId :

SB-16-14-16-20230413

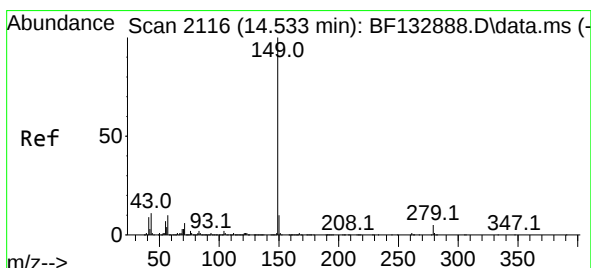
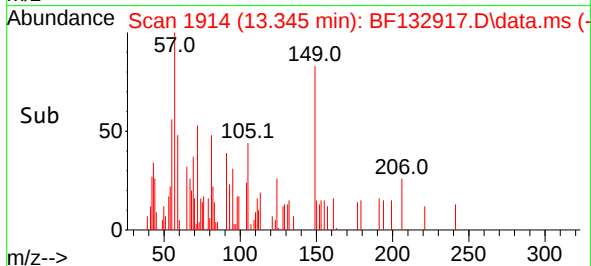
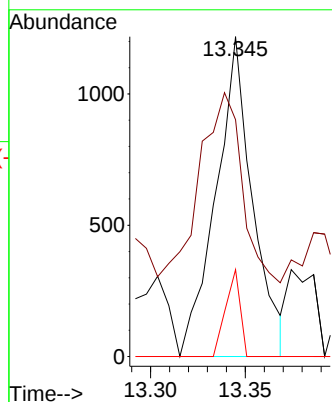
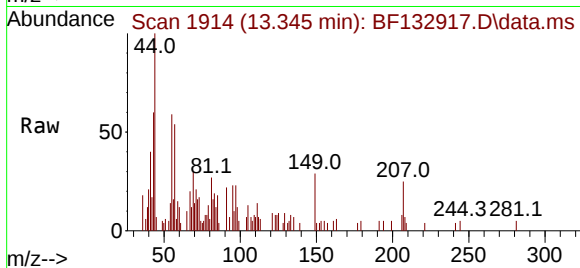
Tgt Ion:149 Resp: 1635

Ion Ratio Lower Upper

149 100

91 74.1 65.4 98.0

206 27.2 15.6 23.4#



#85

Di-n-octyl phthalate

Concen: 6.427 ng

RT: 14.521 min Scan# 2114

Delta R.T. -0.012 min

Lab File: BF132917.D

Acq: 19 Apr 2023 18:03

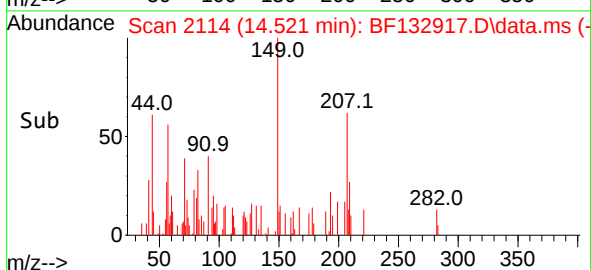
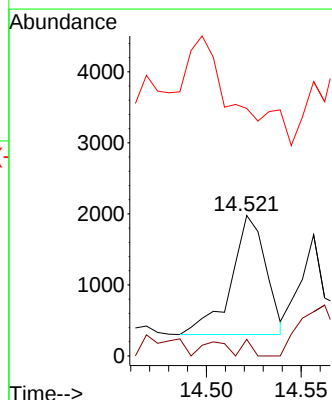
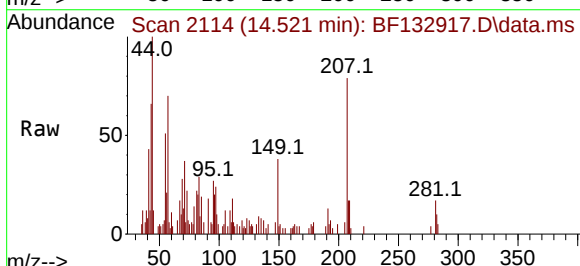
Tgt Ion:149 Resp: 2135

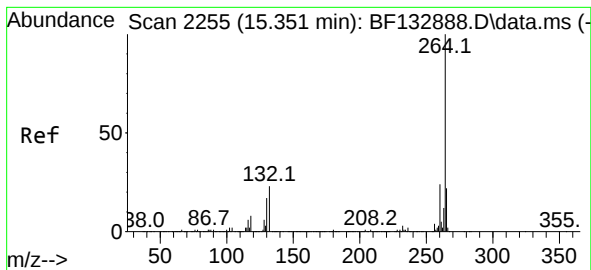
Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 0.0 11.5 17.3#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.345 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF132917.D

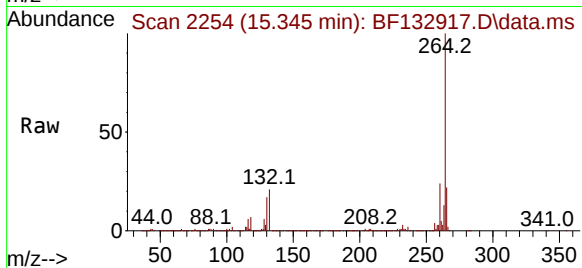
Acq: 19 Apr 2023 18:03

Instrument :

BNA_F

ClientSampleId :

SB-16-14-16-20230413



Tgt Ion:264 Resp: 605469

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

265 21.9 17.7 26.5

