

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041823\
 Data File : BF132902.D
 Acq On : 18 Apr 2023 15:53
 Operator : CG\JU
 Sample : 02371-16
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-17-COMP

Quant Time: Apr 18 16:43:05 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

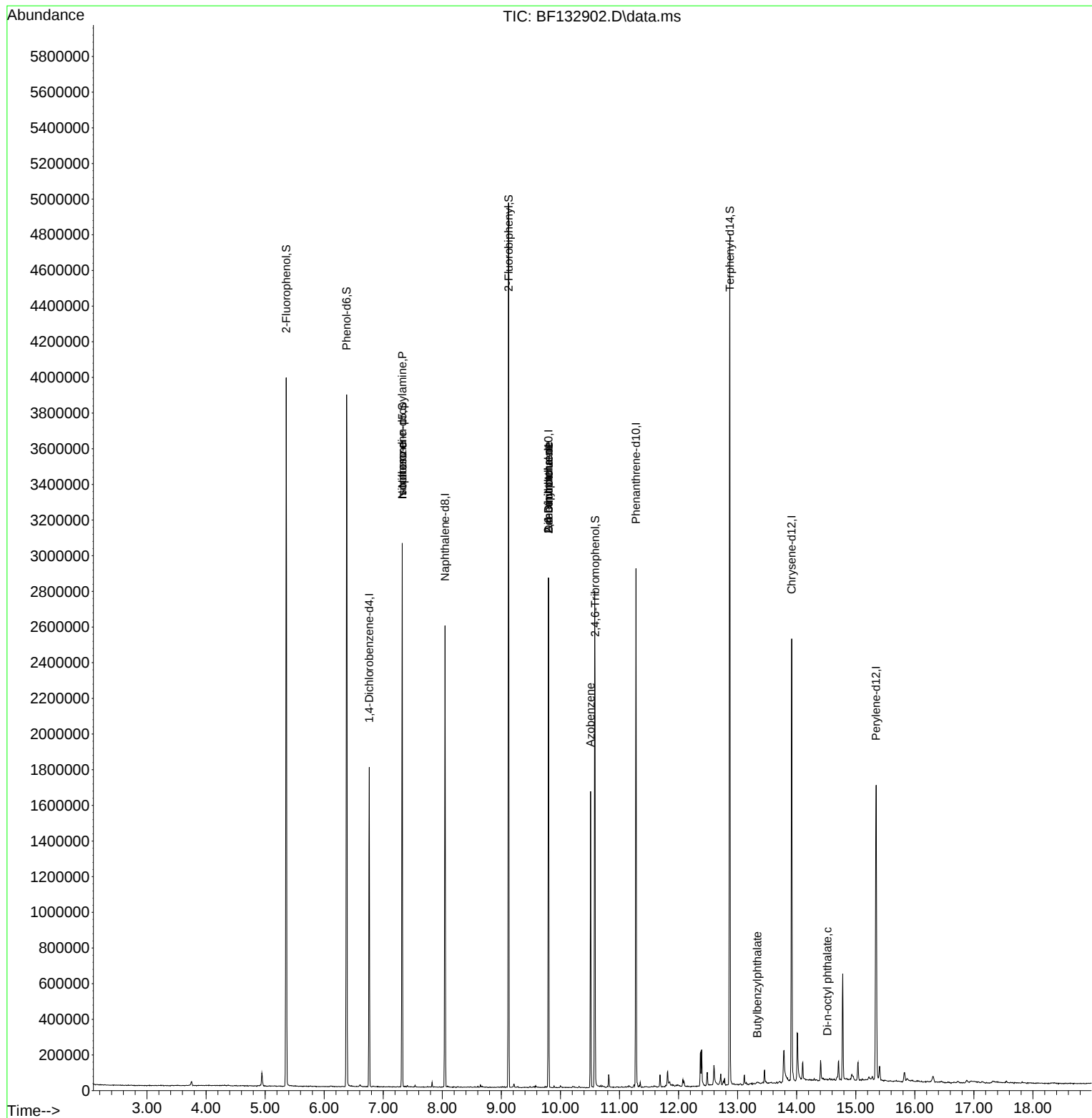
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	230534	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	948608	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	494729	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	926795	20.000	ng	0.00
76) Chrysene-d12	13.915	240	747375	20.000	ng	-0.01
86) Perylene-d12	15.345	264	679452	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1019537	69.153	ng	0.00
7) Phenol-d6	6.381	99	1315209	69.910	ng	-0.02
23) Nitrobenzene-d5	7.322	82	751635	41.301	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	313927	63.264	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1248267	38.761	ng	-0.01
79) Terphenyl-d14	12.868	244	1552729	35.445	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.322	70	98011	8.346	ng	# 79
25) Isophorone	7.322	82	751504	21.770	ng	# 65
50) Dimethylphthalate	9.798	163	98874	2.891	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	63618	8.483	ng	# 27
57) 2,4-Dinitrotoluene	9.798	165	63618	6.874	ng	# 23
63) Azobenzene	10.510	77	250107	7.005	ng	# 1
80) Butylbenzylphthalate	13.333	149	767	5.180	ng	# 85
85) Di-n-octyl phthalate	14.521	149	1432	6.413	ng	# 68

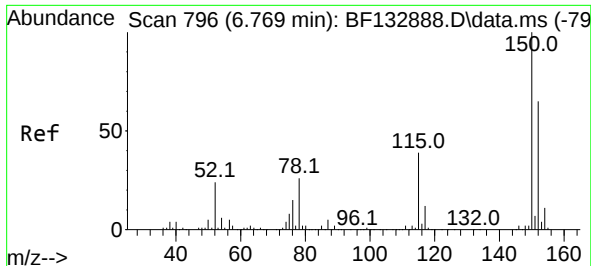
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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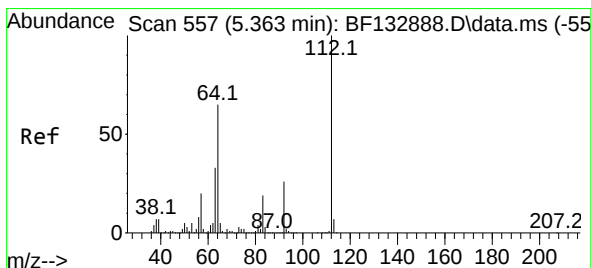
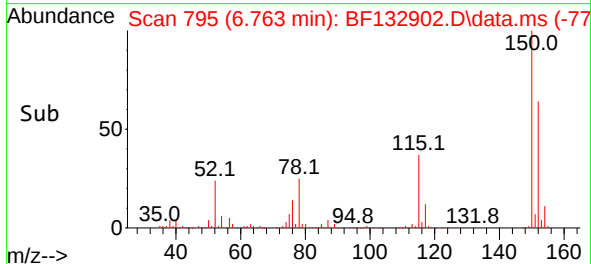
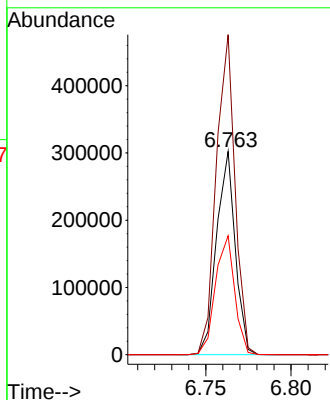
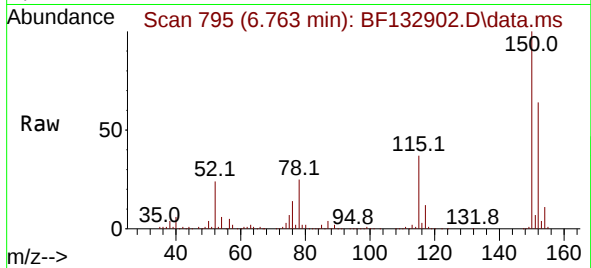




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF132902.D
Acq: 18 Apr 2023 15:53

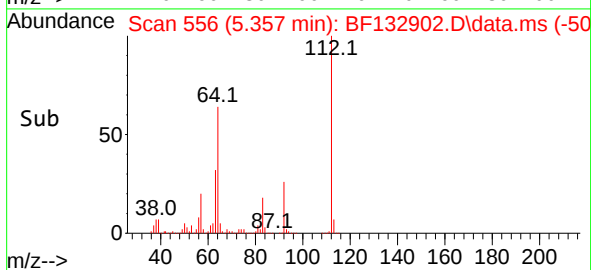
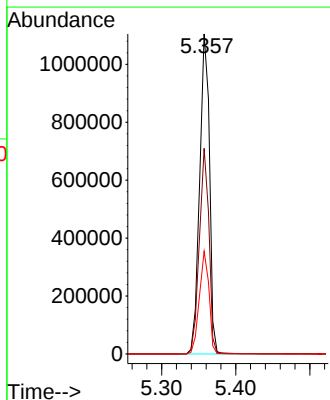
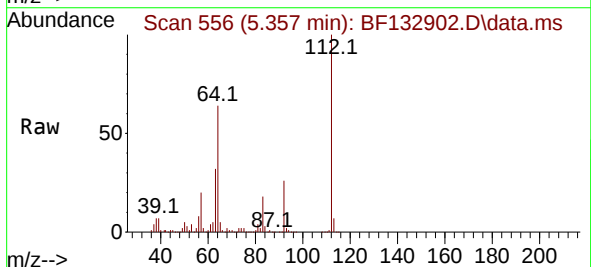
Instrument :
BNA_F
ClientSampleId :
SB-17-COMP

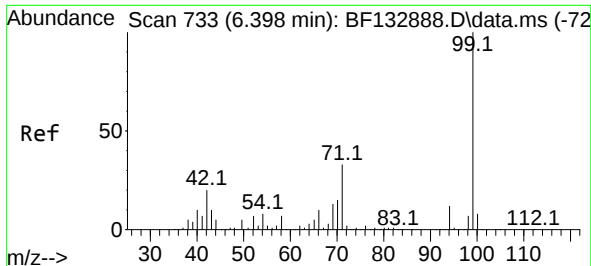
Tgt Ion:152 Resp: 230534
Ion Ratio Lower Upper
152 100
150 157.4 122.8 184.2
115 58.5 47.3 70.9



#5
2-Fluorophenol
Concen: 69.153 ng
RT: 5.357 min Scan# 556
Delta R.T. -0.006 min
Lab File: BF132902.D
Acq: 18 Apr 2023 15:53

Tgt Ion:112 Resp: 1019537
Ion Ratio Lower Upper
112 100
64 64.3 51.8 77.8
63 32.1 26.3 39.5

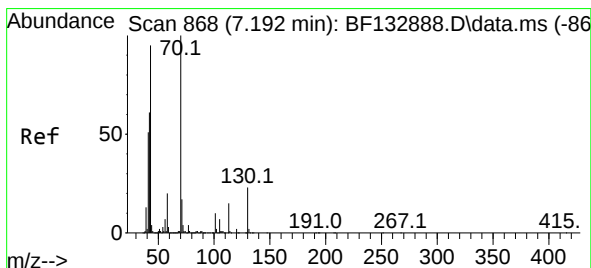
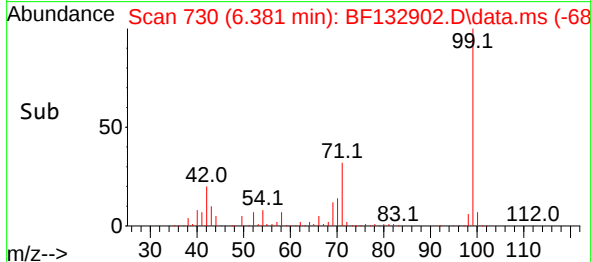
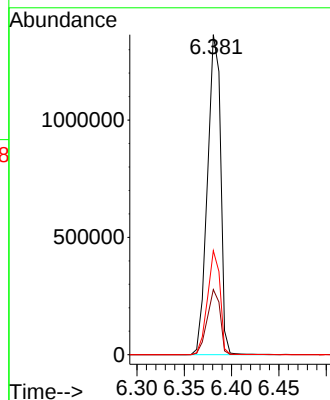
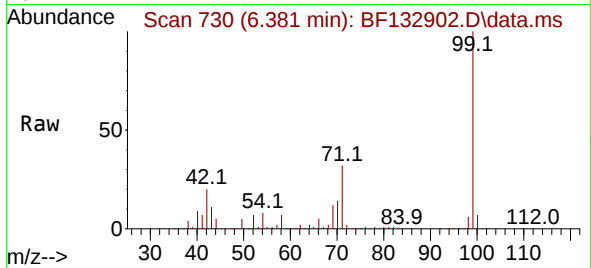




#7
Phenol-d6
Concen: 69.910 ng
RT: 6.381 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF132902.D
Acq: 18 Apr 2023 15:53

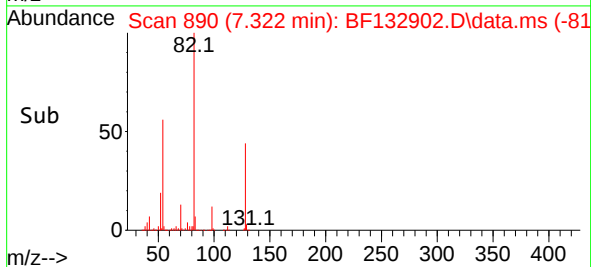
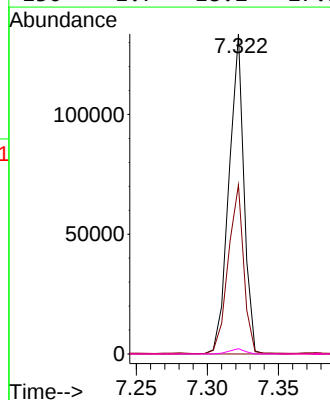
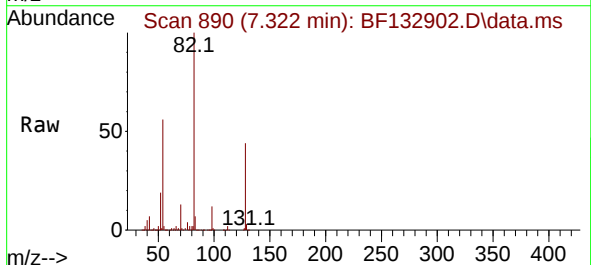
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ClientSampleId :
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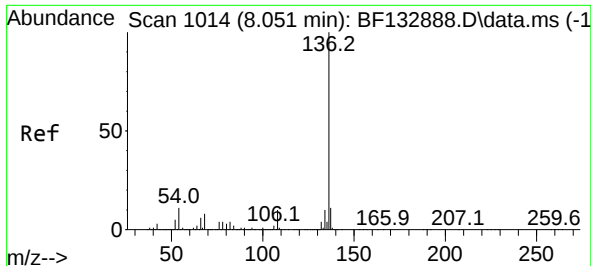
Tgt Ion: 99 Resp: 1315209
Ion Ratio Lower Upper
99 100
42 20.3 16.1 24.1
71 32.5 26.1 39.1



#19
n-Nitroso-di-n-propylamine
Concen: 8.346 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.129 min
Lab File: BF132902.D
Acq: 18 Apr 2023 15:53

Tgt Ion: 70 Resp: 98011
Ion Ratio Lower Upper
70 100
42 52.8 49.0 73.6
101 0.0 8.1 12.1#
130 1.7 18.2 27.2#



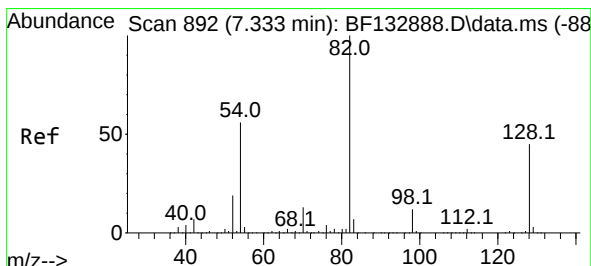
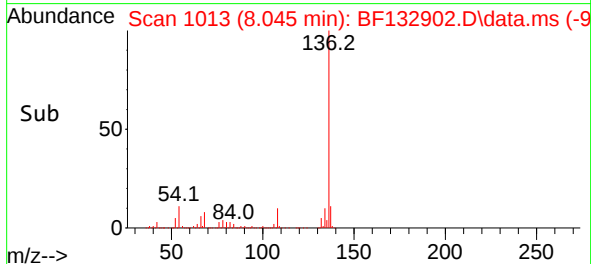
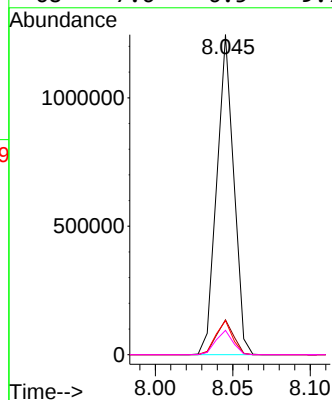
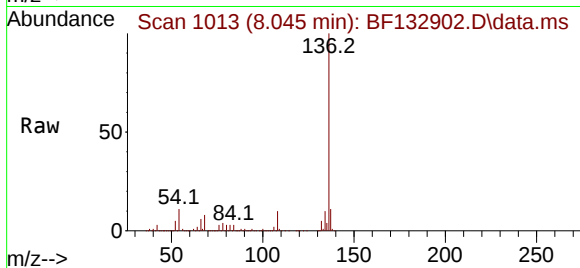


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF132902.D
Acq: 18 Apr 2023 15:53

Instrument :
BNA_F
ClientSampleId :
SB-17-COMP

Tgt Ion:136 Resp: 948608

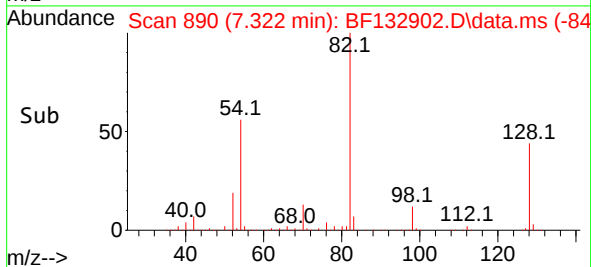
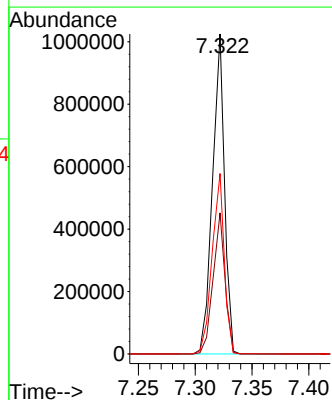
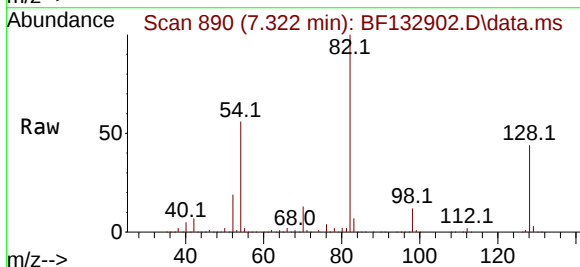
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	10.6	8.9	13.3
68	7.6	6.5	9.7

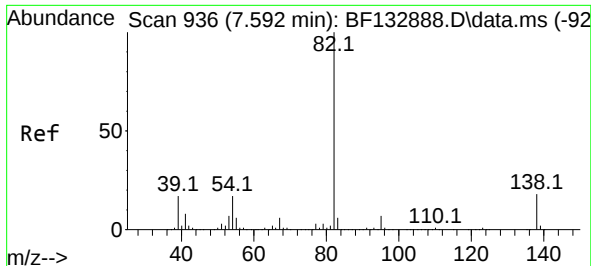


#23
Nitrobenzene-d5
Concen: 41.301 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF132902.D
Acq: 18 Apr 2023 15:53

Tgt Ion: 82 Resp: 751635

Ion	Ratio	Lower	Upper
82	100		
128	44.1	35.7	53.5
54	56.4	44.7	67.1

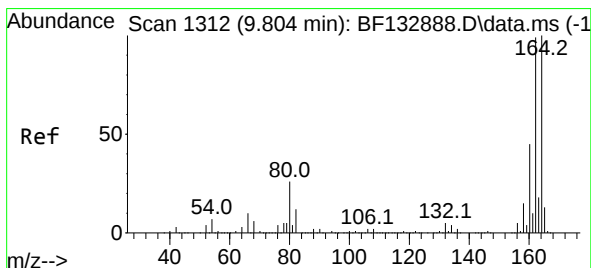
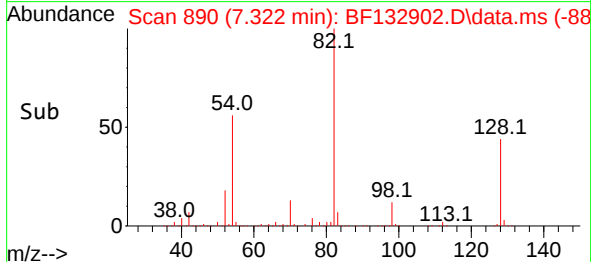
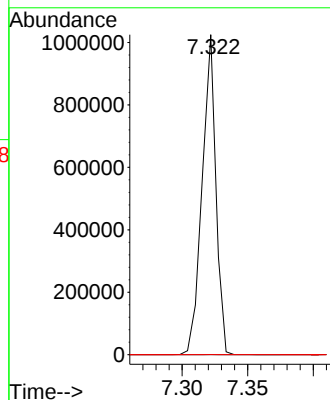
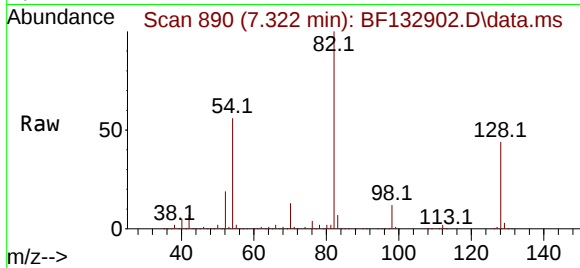




#25
Isophorone
Concen: 21.770 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF132902.D
Acq: 18 Apr 2023 15:53

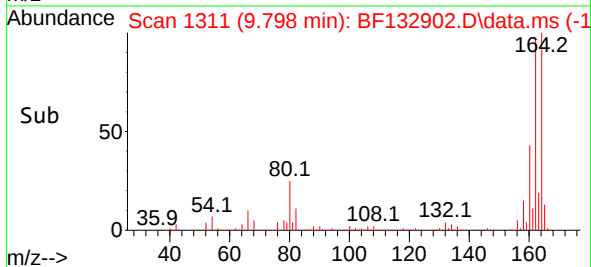
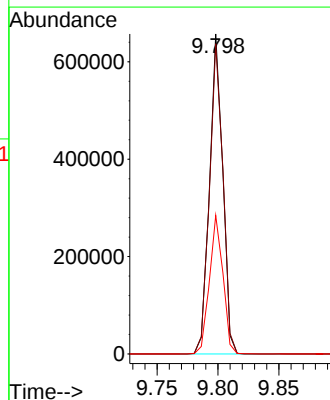
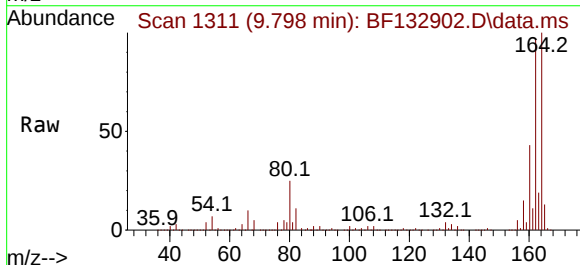
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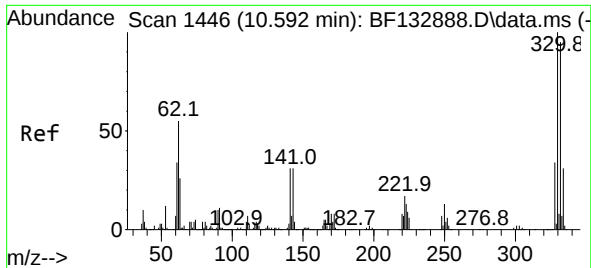
Tgt Ion: 82 Resp: 751504
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF132902.D
Acq: 18 Apr 2023 15:53

Tgt Ion:164 Resp: 494729
Ion Ratio Lower Upper
164 100
162 96.9 79.1 118.7
160 43.3 35.6 53.4

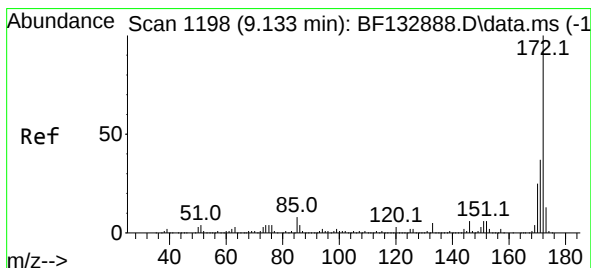
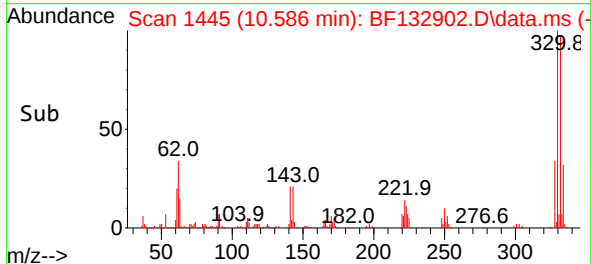
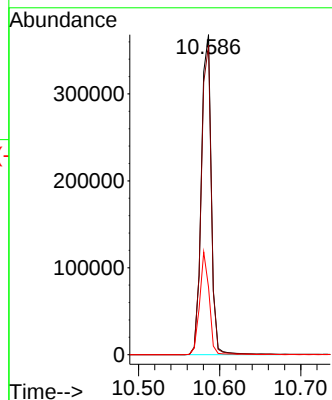
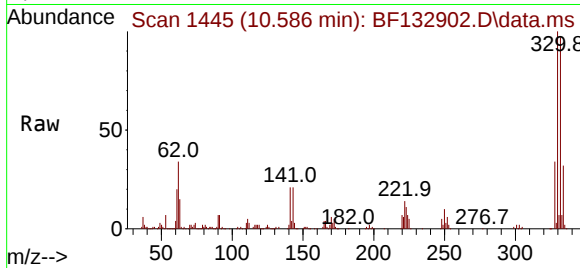




#42
 2,4,6-Tribromophenol
 Concen: 63.264 ng
 RT: 10.586 min Scan# 1445
 Delta R.T. -0.006 min
 Lab File: BF132902.D
 Acq: 18 Apr 2023 15:53

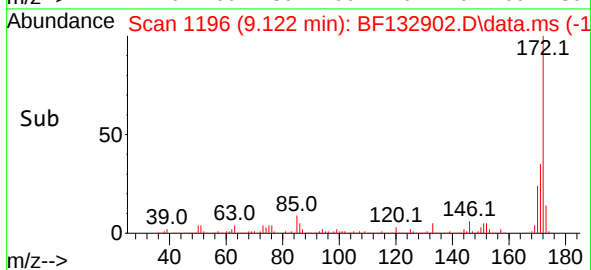
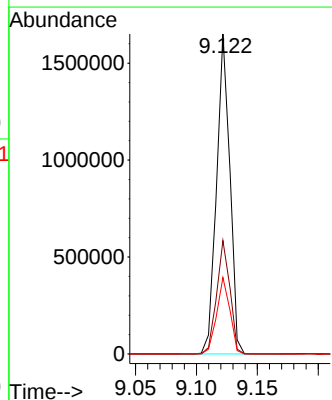
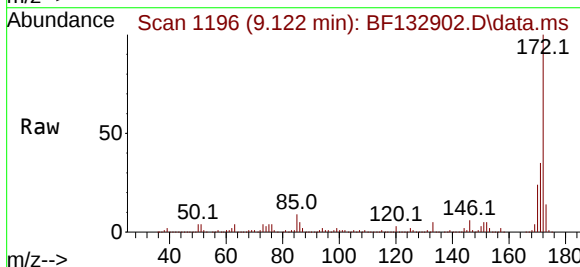
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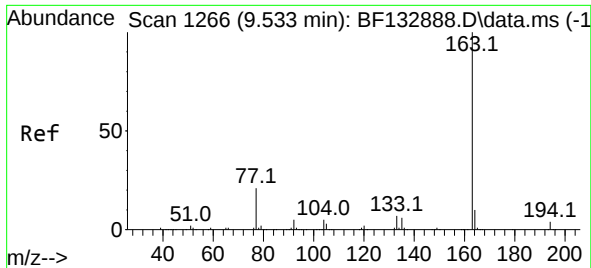
Tgt Ion:330 Resp: 313927
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.3 114.5
 141 30.6 23.9 35.9



#45
 2-Fluorobiphenyl
 Concen: 38.761 ng
 RT: 9.122 min Scan# 1196
 Delta R.T. -0.012 min
 Lab File: BF132902.D
 Acq: 18 Apr 2023 15:53

Tgt Ion:172 Resp: 1248267
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.4 44.0
 170 23.9 20.1 30.1

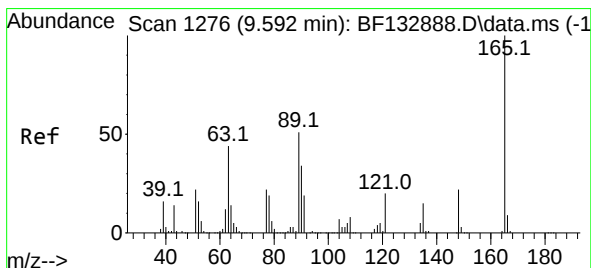
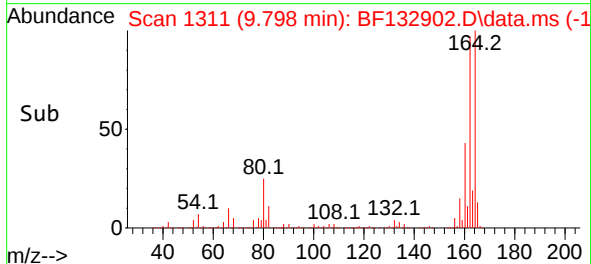
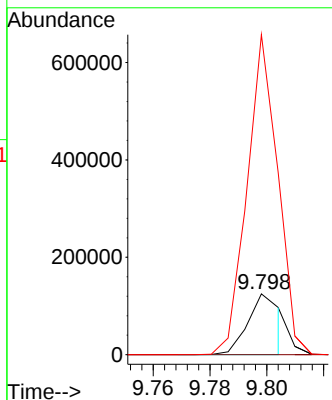
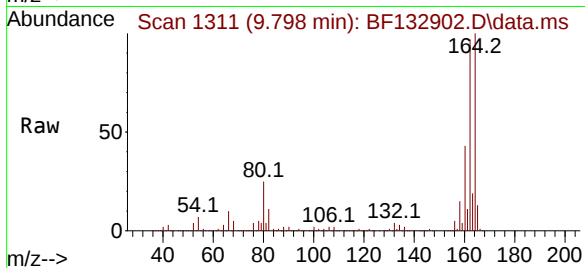




#50
Dimethylphthalate
Concen: 2.891 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.265 min
Lab File: BF132902.D
Acq: 18 Apr 2023 15:53

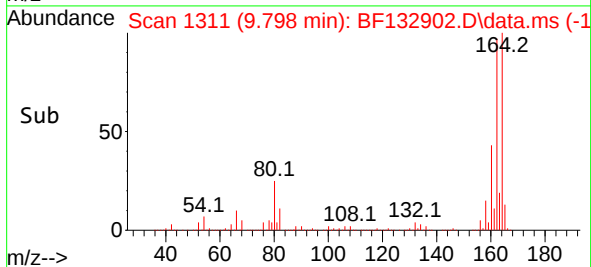
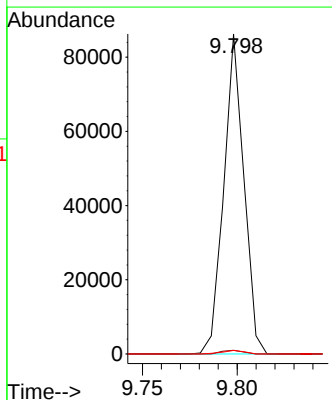
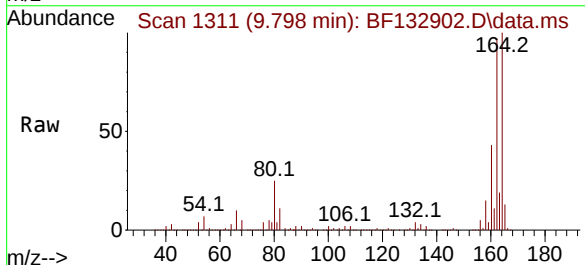
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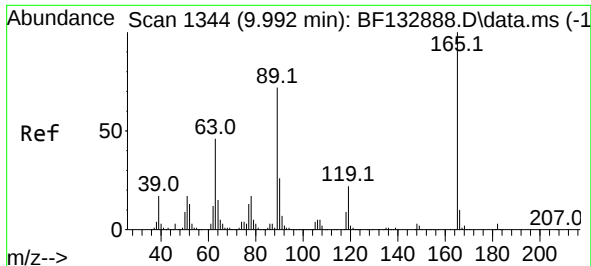
Tgt Ion:163 Resp: 98874
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.0#
164 526.0 8.3 12.5#



#51
2,6-Dinitrotoluene
Concen: 8.483 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.206 min
Lab File: BF132902.D
Acq: 18 Apr 2023 15:53

Tgt Ion:165 Resp: 63618
Ion Ratio Lower Upper
165 100
63 1.2 42.6 63.8#
89 1.1 41.0 61.4#

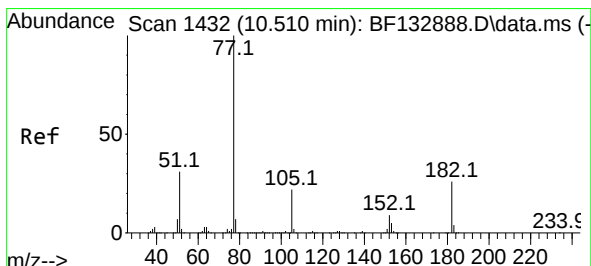
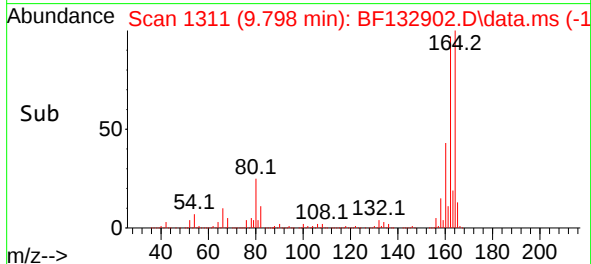
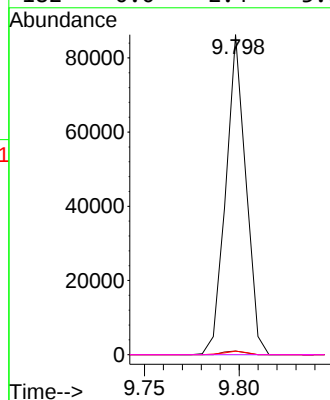
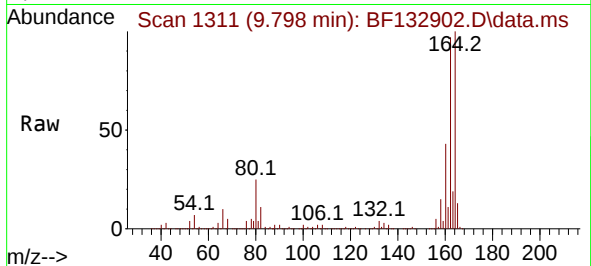




#57
2,4-Dinitrotoluene
Concen: 6.874 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF132902.D
Acq: 18 Apr 2023 15:53

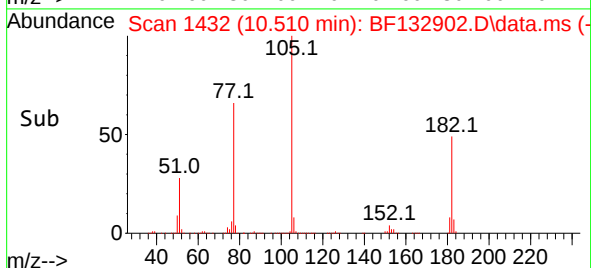
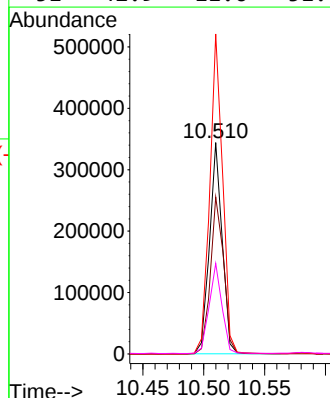
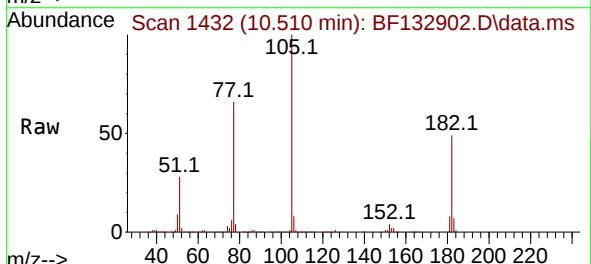
Instrument :
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ClientSampleId :
SB-17-COMP

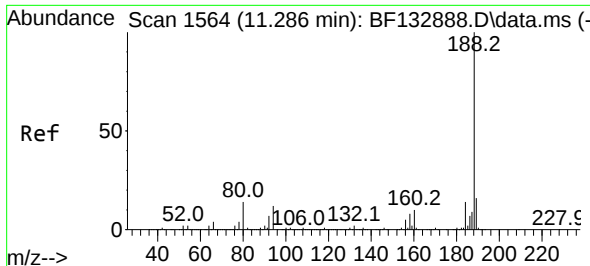
Tgt Ion:165 Resp: 63618
Ion Ratio Lower Upper
165 100
63 1.2 37.0 55.6#
89 1.1 57.8 86.6#
182 0.0 2.4 3.6#



#63
Azobenzene
Concen: 7.005 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF132902.D
Acq: 18 Apr 2023 15:53

Tgt Ion: 77 Resp: 250107
Ion Ratio Lower Upper
77 100
182 74.2 6.0 46.0#
105 151.4 1.6 41.6#
51 42.9 11.6 51.6

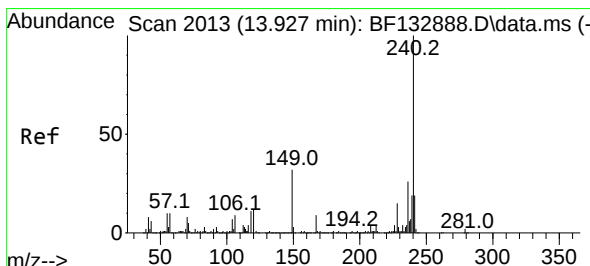
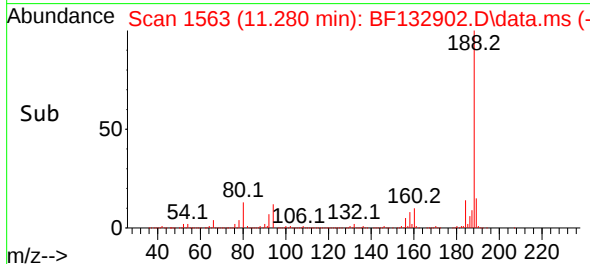
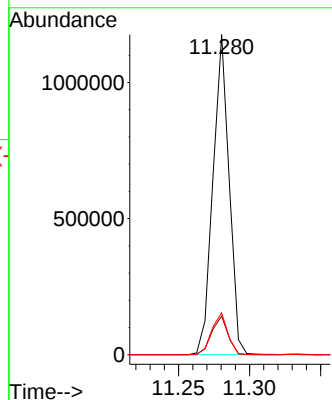
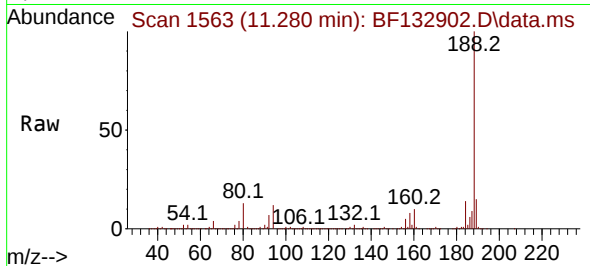




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132902.D
Acq: 18 Apr 2023 15:53

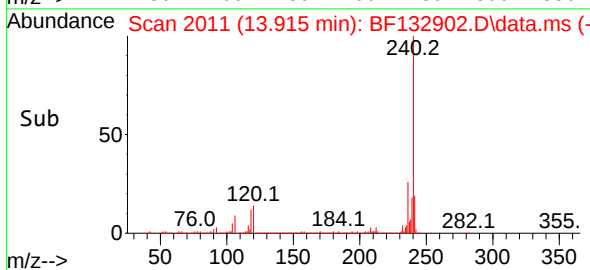
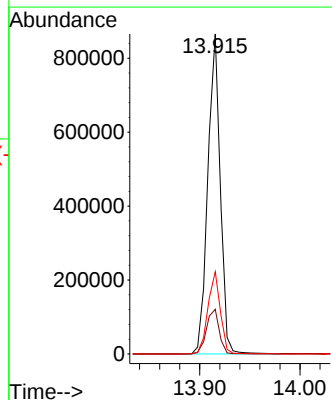
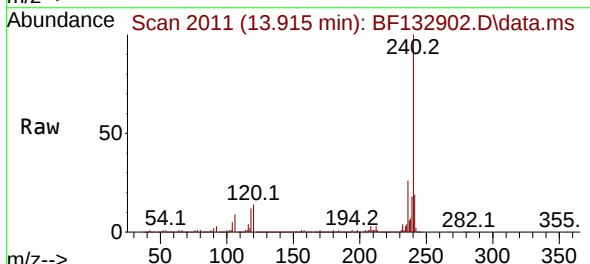
Instrument :
BNA_F
ClientSampleId :
SB-17-COMP

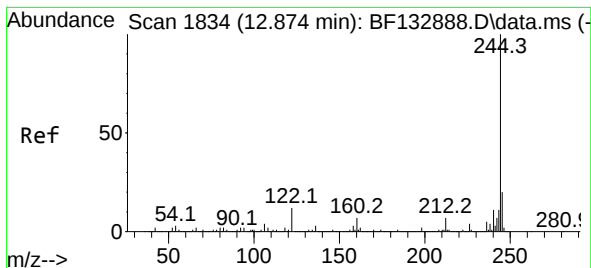
Tgt Ion:188 Resp: 926795
Ion Ratio Lower Upper
188 100
94 12.0 9.9 14.9
80 13.0 10.8 16.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.915 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BF132902.D
Acq: 18 Apr 2023 15:53

Tgt Ion:240 Resp: 747375
Ion Ratio Lower Upper
240 100
120 14.0 10.0 15.0
236 25.7 20.8 31.2





#79

Terphenyl-d14

Concen: 35.445 ng

RT: 12.868 min Scan# 1833

Delta R.T. -0.006 min

Lab File: BF132902.D

Acq: 18 Apr 2023 15:53

Instrument :

BNA_F

ClientSampleId :

SB-17-COMP

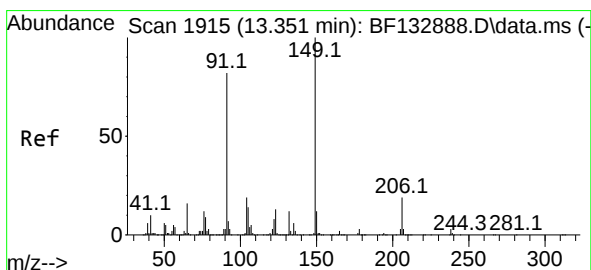
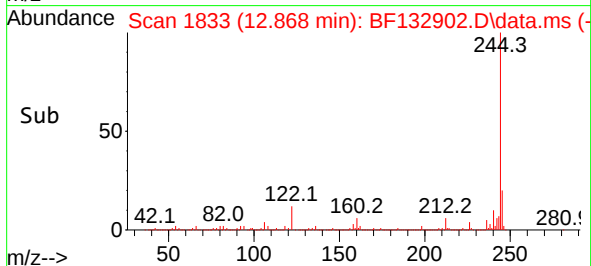
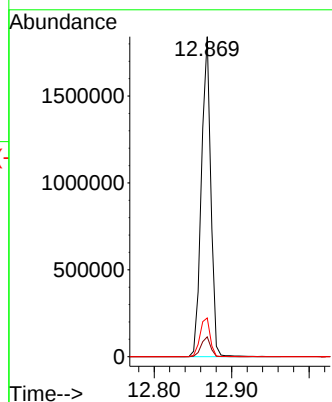
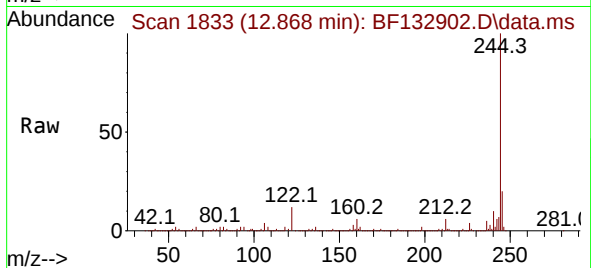
Tgt Ion:244 Resp: 1552729

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

122 12.1 9.6 14.4



#80

Butylbenzylphthalate

Concen: 5.180 ng

RT: 13.333 min Scan# 1912

Delta R.T. -0.018 min

Lab File: BF132902.D

Acq: 18 Apr 2023 15:53

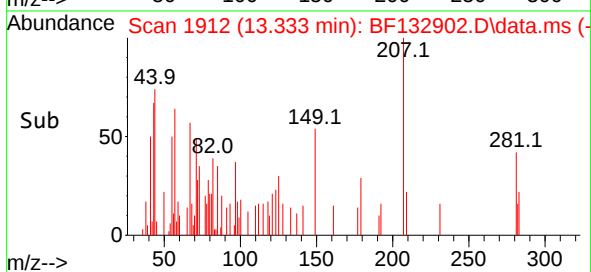
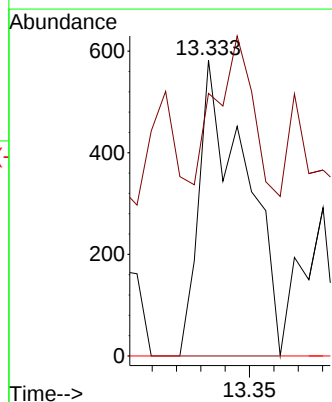
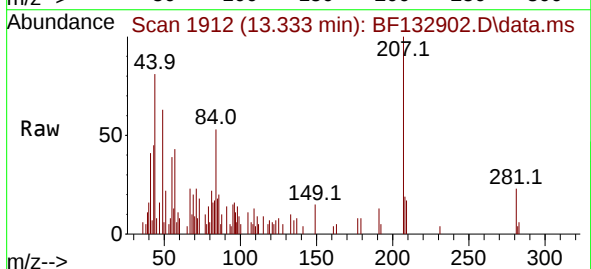
Tgt Ion:149 Resp: 767

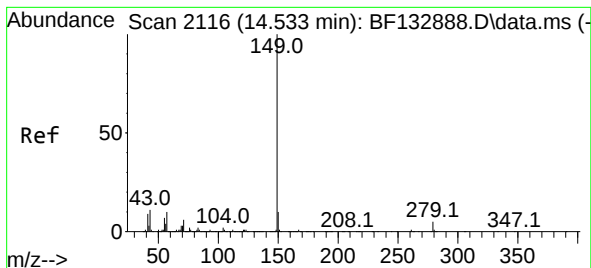
Ion Ratio Lower Upper

149 100

91 88.8 65.4 98.0

206 0.0 15.6 23.4#





#85

Di-n-octyl phthalate

Concen: 6.413 ng

RT: 14.521 min Scan# 2114

Delta R.T. -0.012 min

Lab File: BF132902.D

Acq: 18 Apr 2023 15:53

Instrument :

BNA_F

ClientSampleId :

SB-17-COMP

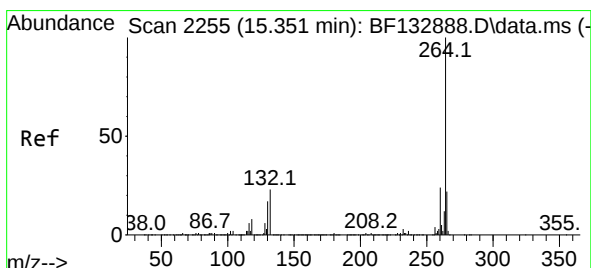
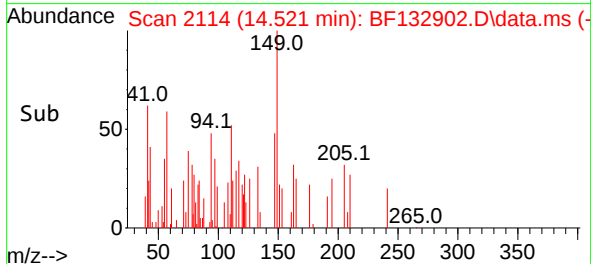
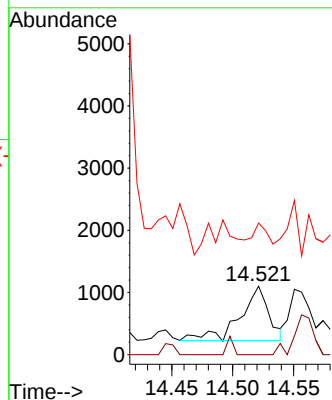
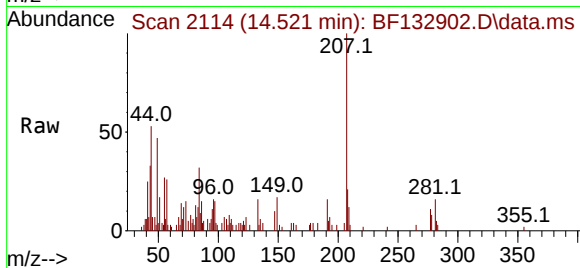
Tgt Ion:149 Resp: 1432

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# 2254

Delta R.T. -0.006 min

Lab File: BF132902.D

Acq: 18 Apr 2023 15:53

Tgt Ion:264 Resp: 679452

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 21.1 17.7 26.5

