

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041823\
 Data File : BF132903.D
 Acq On : 18 Apr 2023 16:24
 Operator : CG\JU
 Sample : 02371-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-COMP

Quant Time: Apr 18 16:44:14 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)

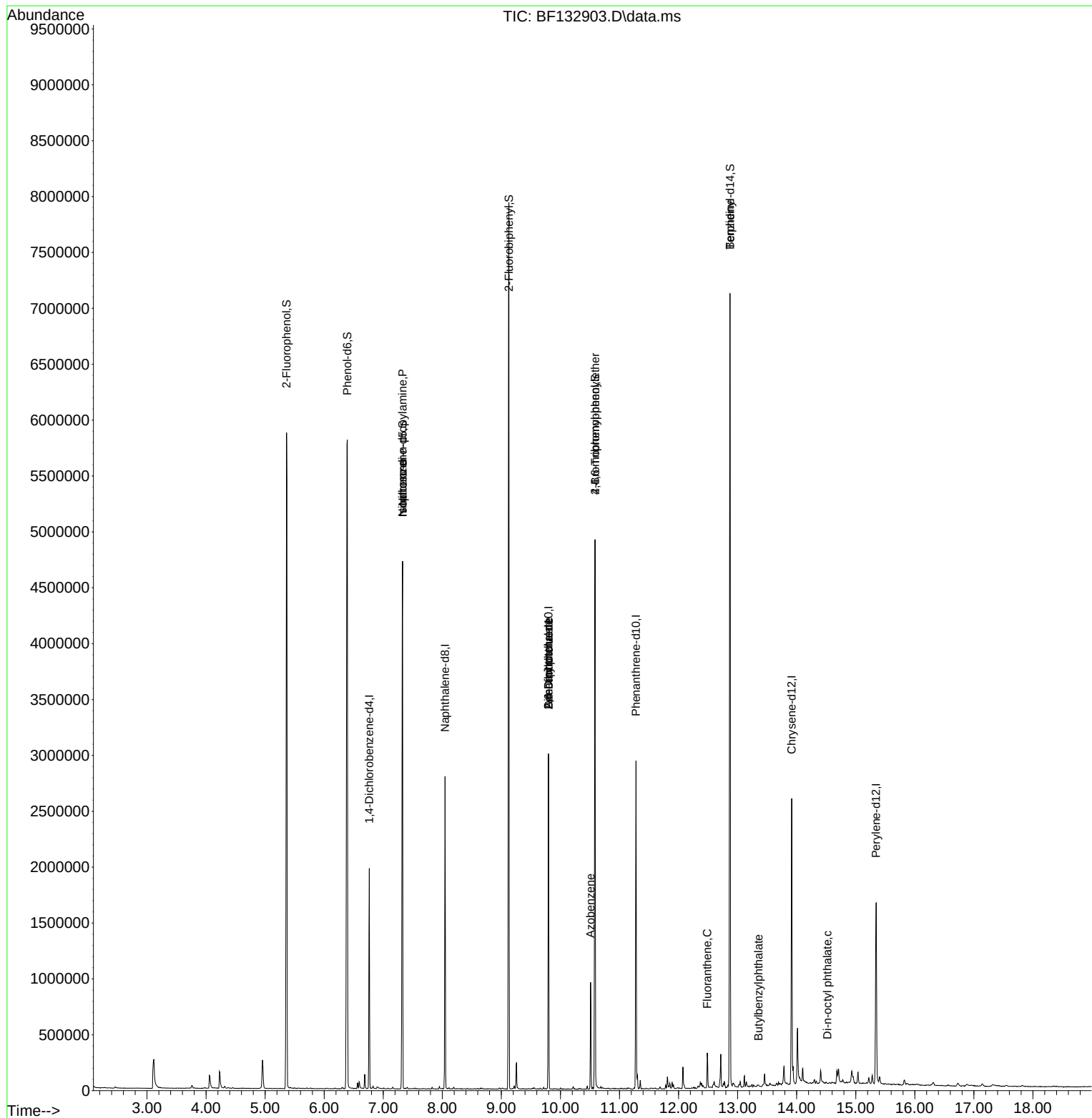
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	244407	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	987530	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	511237	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	946978	20.000	ng	0.00
76) Chrysene-d12	13.915	240	743449	20.000	ng	-0.01
86) Perylene-d12	15.345	264	656160	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1737229	111.145	ng	0.00
7) Phenol-d6	6.392	99	2387694	119.714	ng	0.00
23) Nitrobenzene-d5	7.328	82	1449215	76.494	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	549819	107.225	ng	0.00
45) 2-Fluorobiphenyl	9.127	172	2307742	69.346	ng	0.00
79) Terphenyl-d14	12.874	244	2702707	62.022	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.328	70	189742	15.241	ng	# 79
25) Isophorone	7.328	82	1447840	40.289	ng	# 65
50) Dimethylphthalate	9.798	163	103811	2.937	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	66245	8.548	ng	# 28
57) 2,4-Dinitrotoluene	9.798	165	66245	6.926	ng	# 23
63) Azobenzene	10.510	77	149827	4.061	ng	# 1
67) 4-Bromophenyl-phenylether	10.586	248	33635	3.110	ng	# 1
75) Fluoranthene	12.486	202	116952	2.309	ng	97
77) Benzidine	12.874	184	30968	2.674	ng	# 95
80) Butylbenzylphthalate	13.351	149	1302	5.213	ng	# 68
85) Di-n-octyl phthalate	14.521	149	1570	6.416	ng	# 63

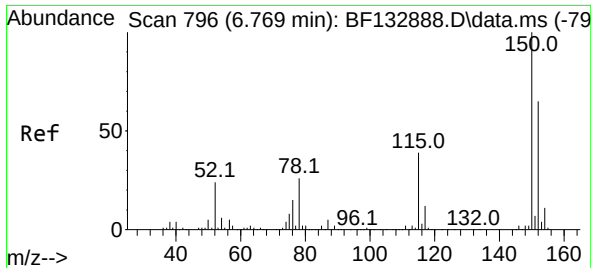
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041823\
Data File : BF132903.D
Acq On : 18 Apr 2023 16:24
Operator : CG\JU
Sample : 02371-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-16-COMP

Quant Time: Apr 18 16:44:14 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

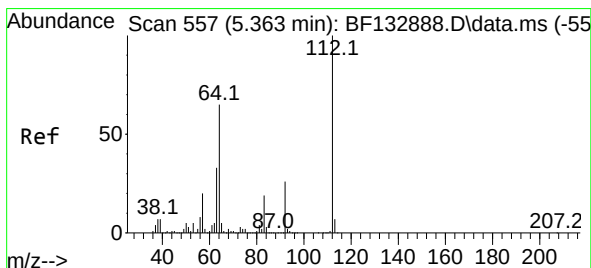
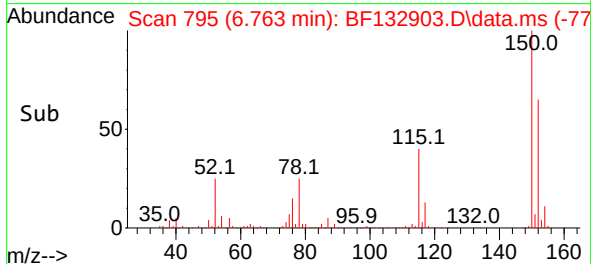
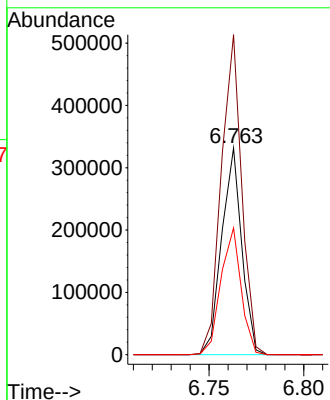
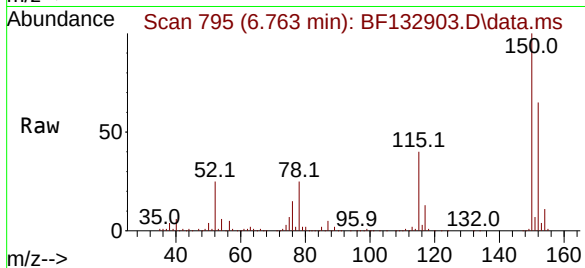




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF132903.D
Acq: 18 Apr 2023 16:24

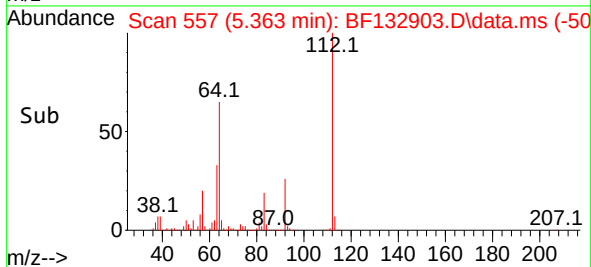
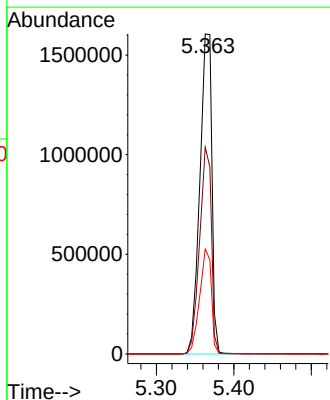
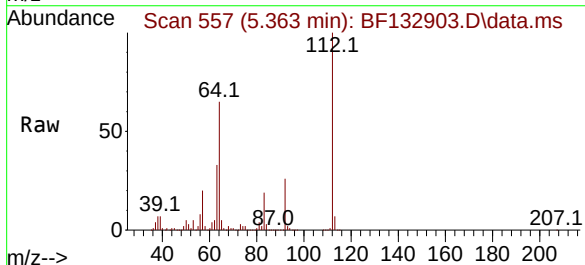
Instrument :
BNA_F
ClientSampleId :
SB-16-COMP

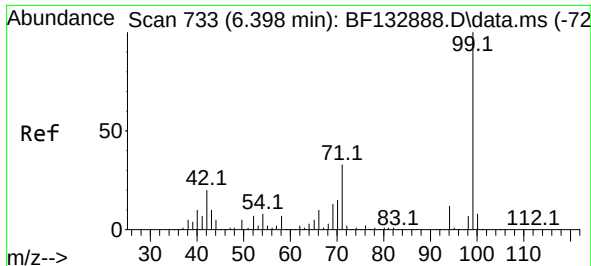
Tgt Ion:152 Resp: 244407
Ion Ratio Lower Upper
152 100
150 154.8 122.8 184.2
115 61.3 47.3 70.9



#5
2-Fluorophenol
Concen: 111.145 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.000 min
Lab File: BF132903.D
Acq: 18 Apr 2023 16:24

Tgt Ion:112 Resp: 1737229
Ion Ratio Lower Upper
112 100
64 64.6 51.8 77.8
63 32.8 26.3 39.5

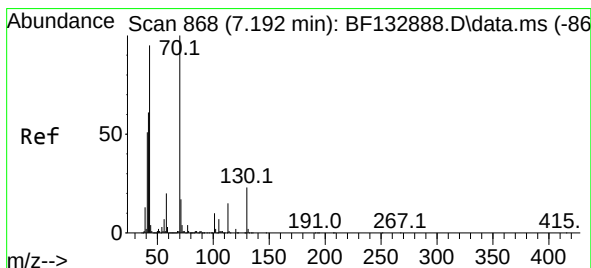
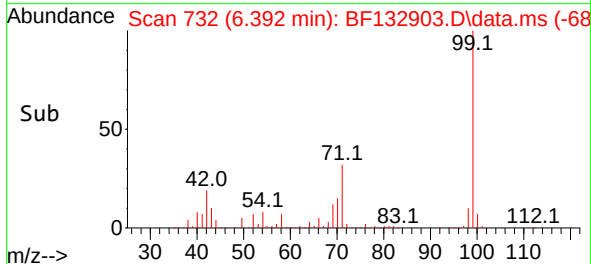
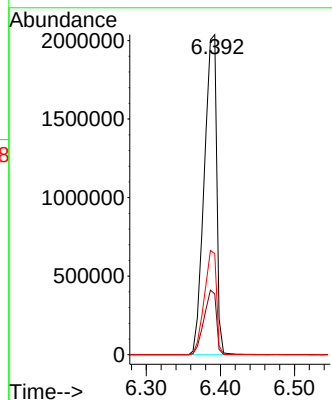
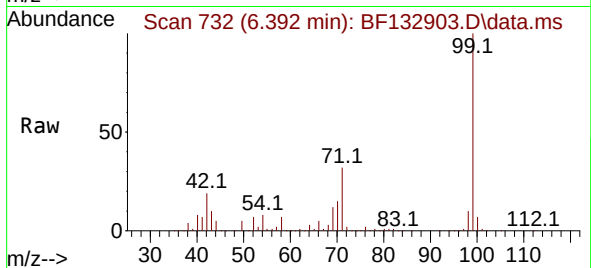




#7
Phenol-d6
Concen: 119.714 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132903.D
Acq: 18 Apr 2023 16:24

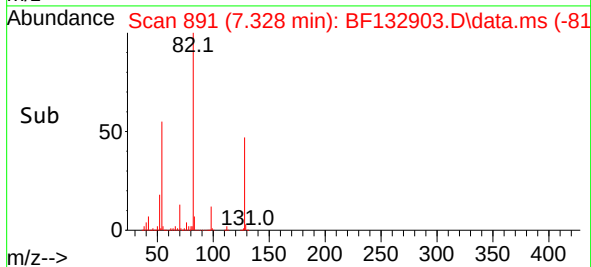
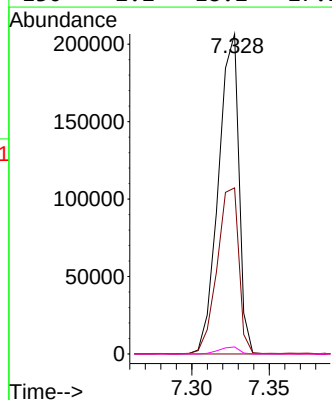
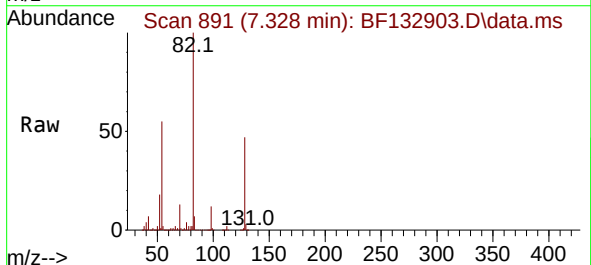
Instrument :
BNA_F
ClientSampleId :
SB-16-COMP

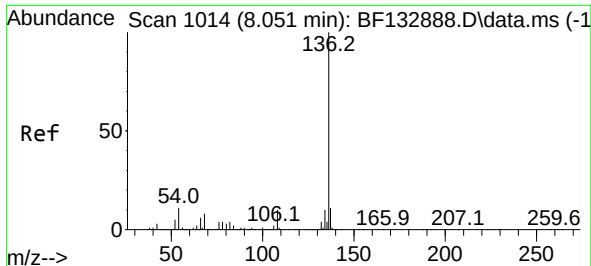
Tgt Ion: 99 Resp: 2387694
Ion Ratio Lower Upper
99 100
42 19.0 16.1 24.1
71 31.6 26.1 39.1



#19
n-Nitroso-di-n-propylamine
Concen: 15.241 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.135 min
Lab File: BF132903.D
Acq: 18 Apr 2023 16:24

Tgt Ion: 70 Resp: 189742
Ion Ratio Lower Upper
70 100
42 51.9 49.0 73.6
101 0.0 8.1 12.1#
130 2.2 18.2 27.2#



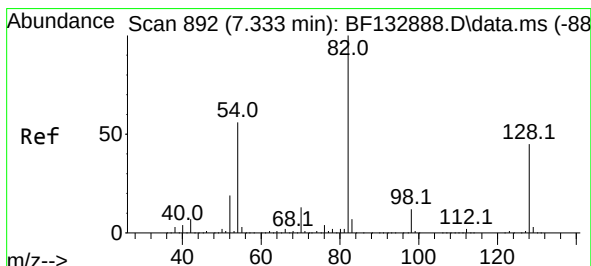
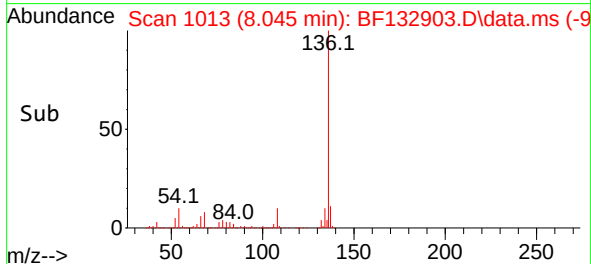
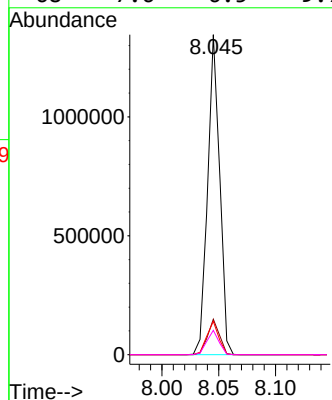
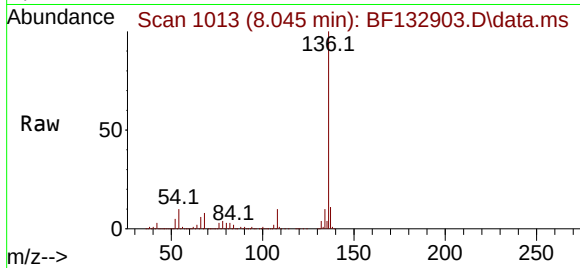


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF132903.D
Acq: 18 Apr 2023 16:24

Instrument :
BNA_F
ClientSampleId :
SB-16-COMP

Tgt Ion:136 Resp: 987530

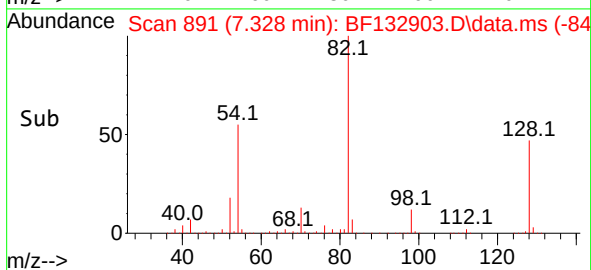
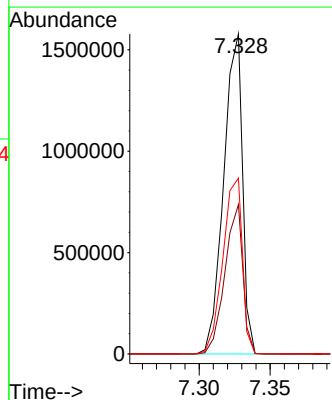
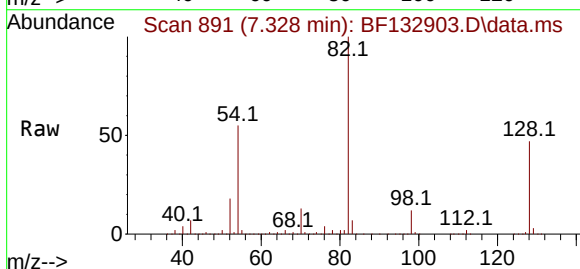
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	10.4	8.9	13.3
68	7.6	6.5	9.7

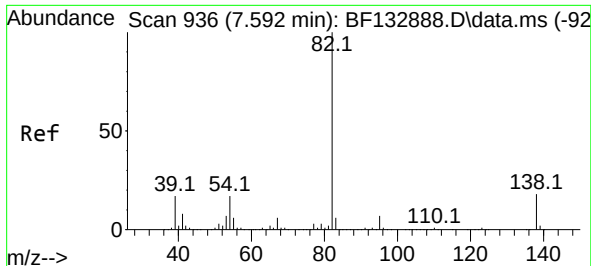


#23
Nitrobenzene-d5
Concen: 76.494 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF132903.D
Acq: 18 Apr 2023 16:24

Tgt Ion: 82 Resp: 1449215

Ion	Ratio	Lower	Upper
82	100		
128	46.7	35.7	53.5
54	55.0	44.7	67.1

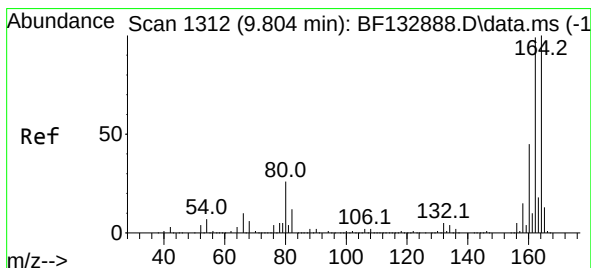
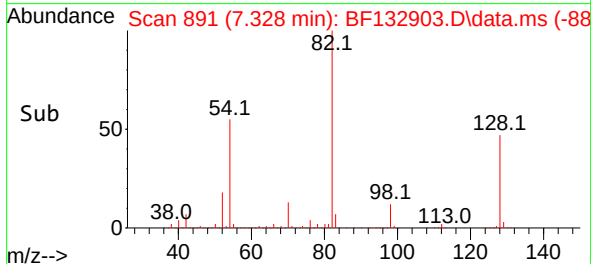
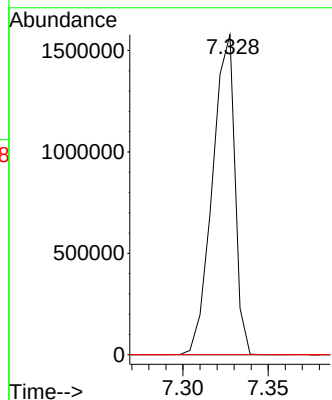
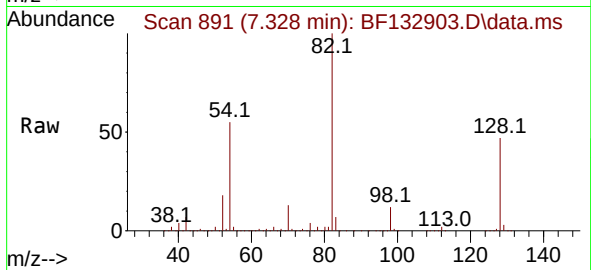




#25
Isophorone
Concen: 40.289 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.265 min
Lab File: BF132903.D
Acq: 18 Apr 2023 16:24

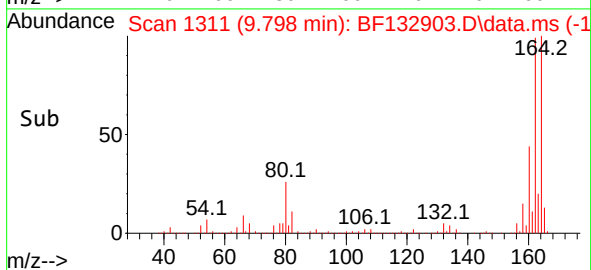
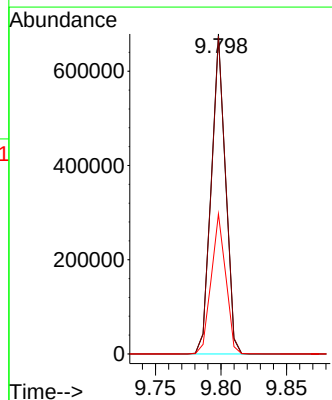
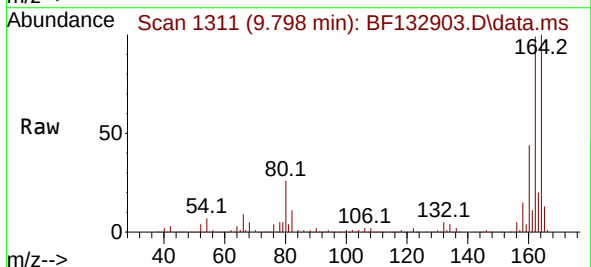
Instrument :
BNA_F
ClientSampleId :
SB-16-COMP

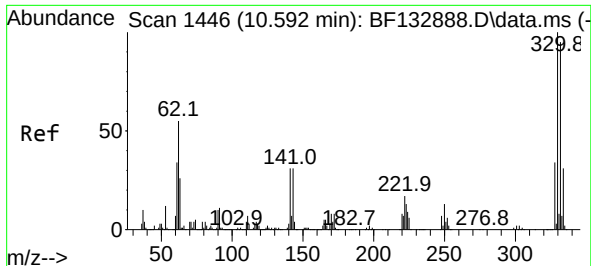
Tgt Ion: 82 Resp: 1447840
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF132903.D
Acq: 18 Apr 2023 16:24

Tgt Ion:164 Resp: 511237
Ion Ratio Lower Upper
164 100
162 99.3 79.1 118.7
160 43.7 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 107.225 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.006 min

Lab File: BF132903.D

Acq: 18 Apr 2023 16:24

Instrument :

BNA_F

ClientSampleId :

SB-16-COMP

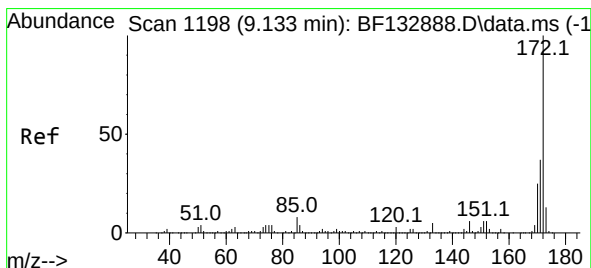
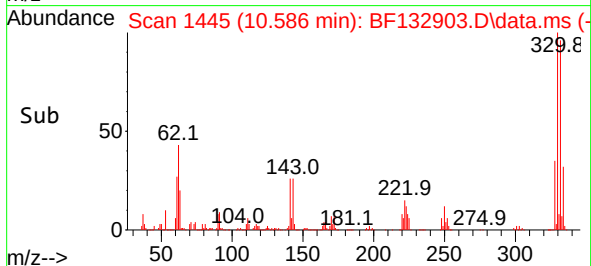
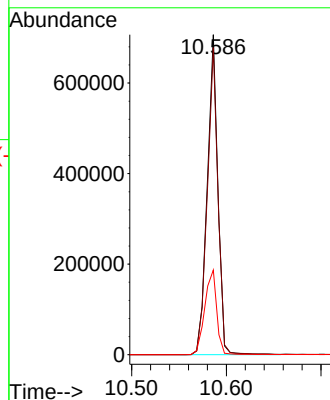
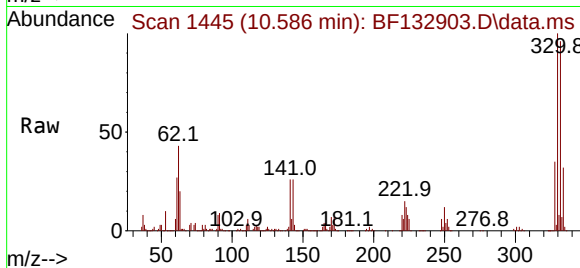
Tgt Ion:330 Resp: 549819

Ion Ratio Lower Upper

330 100

332 96.5 76.3 114.5

141 29.8 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 69.346 ng

RT: 9.127 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF132903.D

Acq: 18 Apr 2023 16:24

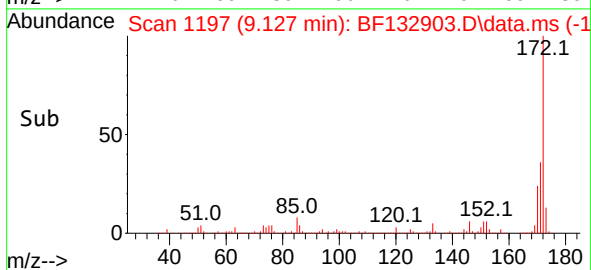
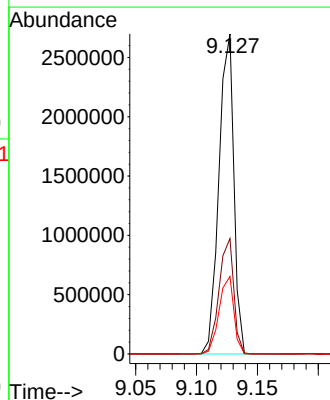
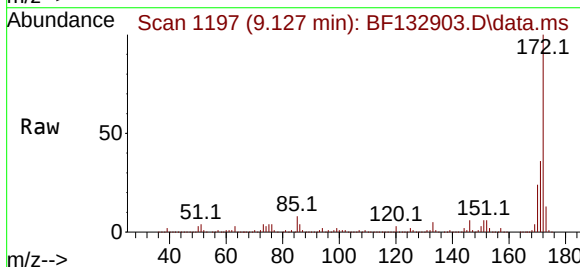
Tgt Ion:172 Resp: 2307742

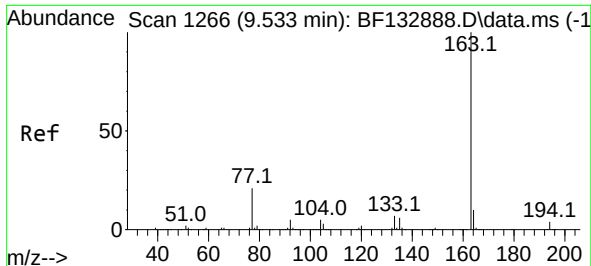
Ion Ratio Lower Upper

172 100

171 36.0 29.4 44.0

170 24.2 20.1 30.1

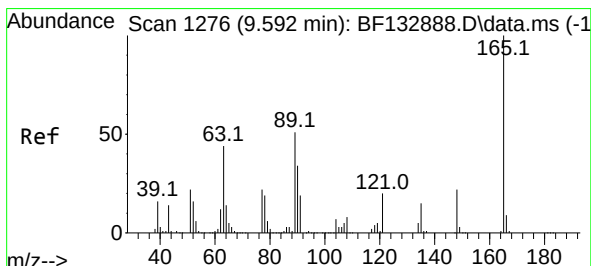
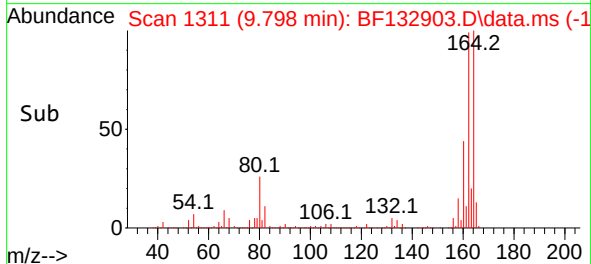
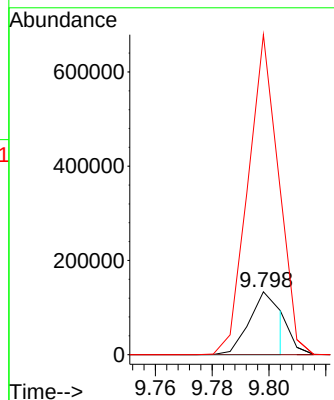
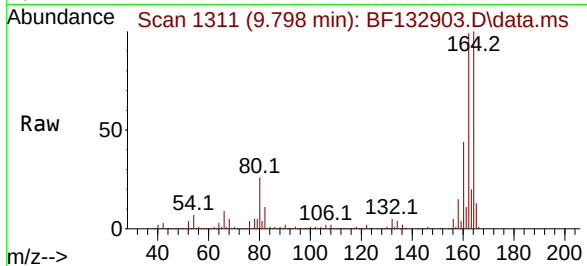




#50
Dimethylphthalate
Concen: 2.937 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.265 min
Lab File: BF132903.D
Acq: 18 Apr 2023 16:24

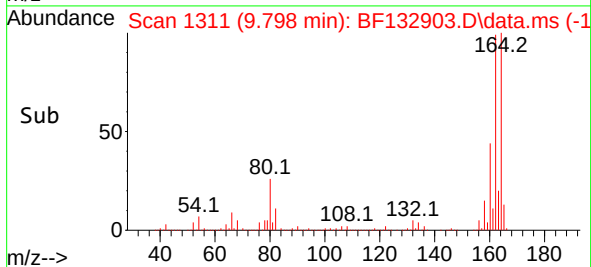
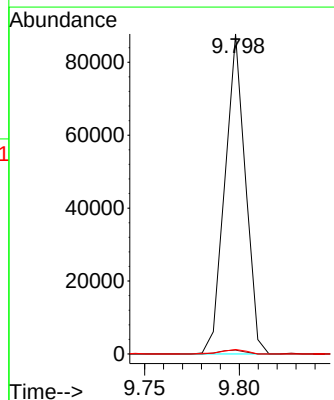
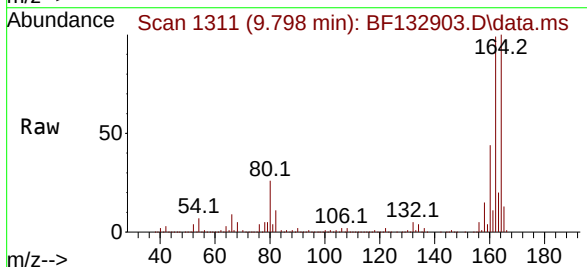
Instrument :
BNA_F
ClientSampleId :
SB-16-COMP

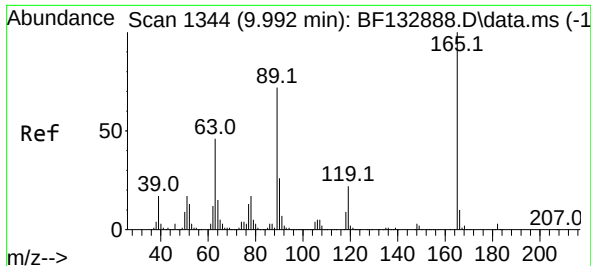
Tgt Ion:163 Resp: 103811
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.0#
164 508.7 8.3 12.5#



#51
2,6-Dinitrotoluene
Concen: 8.548 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.206 min
Lab File: BF132903.D
Acq: 18 Apr 2023 16:24

Tgt Ion:165 Resp: 66245
Ion Ratio Lower Upper
165 100
63 1.2 42.6 63.8#
89 1.4 41.0 61.4#





#57

2,4-Dinitrotoluene

Concen: 6.926 ng

RT: 9.798 min Scan# 11

Delta R.T. -0.194 min

Lab File: BF132903.D

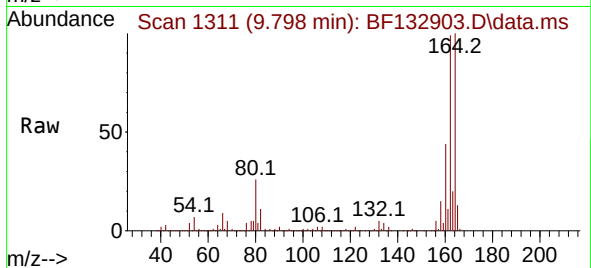
Acq: 18 Apr 2023 16:24

Instrument :

BNA_F

ClientSampleId :

SB-16-COMP



Tgt Ion:165 Resp: 66245

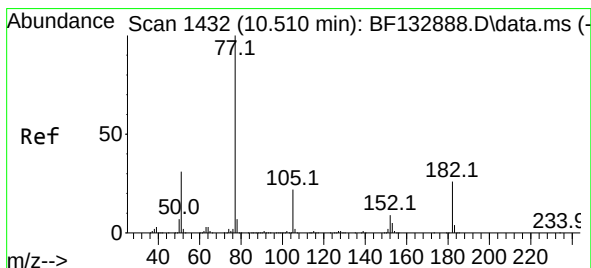
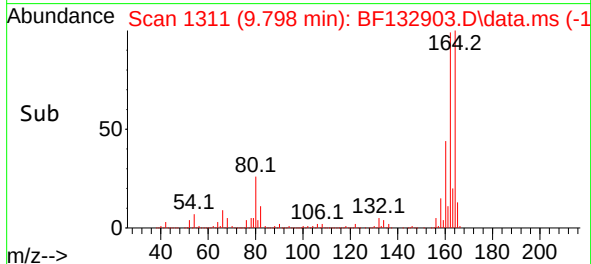
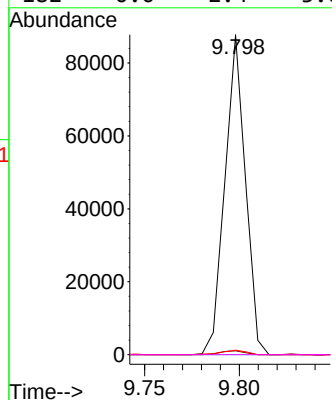
Ion Ratio Lower Upper

165 100

63 1.2 37.0 55.6#

89 1.4 57.8 86.6#

182 0.0 2.4 3.6#



#63

Azobenzene

Concen: 4.061 ng

RT: 10.510 min Scan# 1432

Delta R.T. 0.000 min

Lab File: BF132903.D

Acq: 18 Apr 2023 16:24

Tgt Ion: 77 Resp: 149827

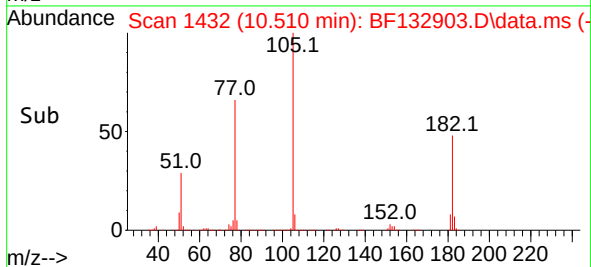
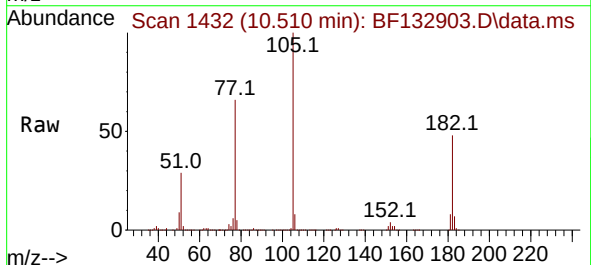
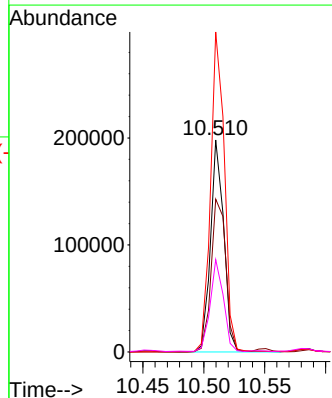
Ion Ratio Lower Upper

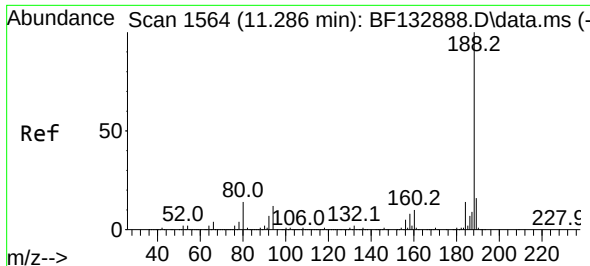
77 100

182 72.1 6.0 46.0#

105 150.9 1.6 41.6#

51 43.6 11.6 51.6

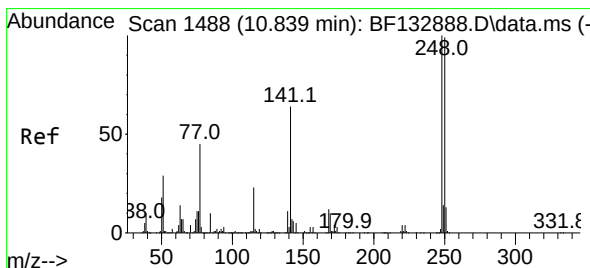
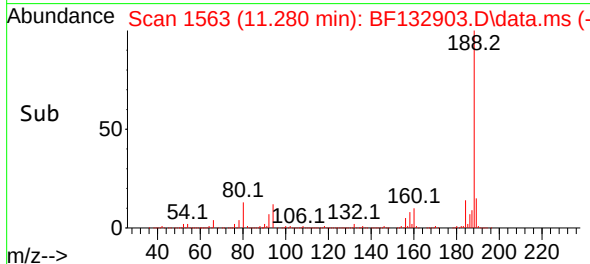
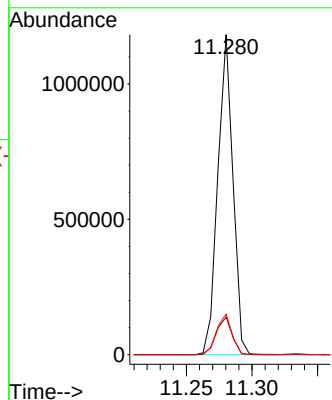
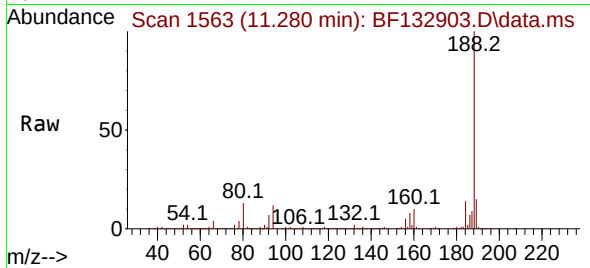




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132903.D
Acq: 18 Apr 2023 16:24

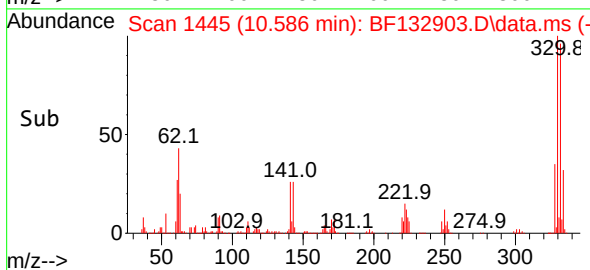
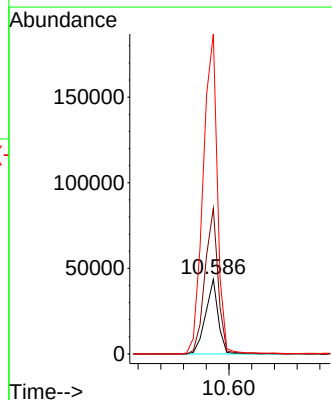
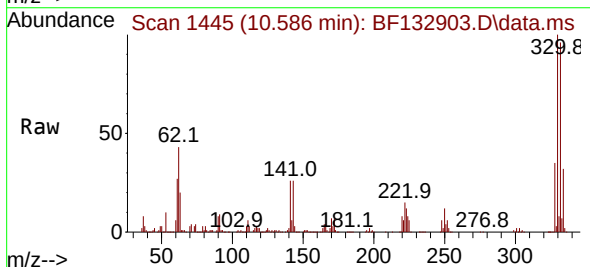
Instrument :
BNA_F
ClientSampleId :
SB-16-COMP

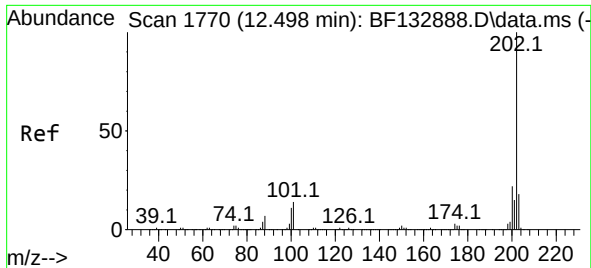
Tgt Ion:188 Resp: 946978
Ion Ratio Lower Upper
188 100
94 11.7 9.9 14.9
80 12.7 10.8 16.2



#67
4-Bromophenyl-phenylether
Concen: 3.110 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.253 min
Lab File: BF132903.D
Acq: 18 Apr 2023 16:24

Tgt Ion:248 Resp: 33635
Ion Ratio Lower Upper
248 100
250 194.8 79.1 118.7#
141 427.8 51.0 76.6#

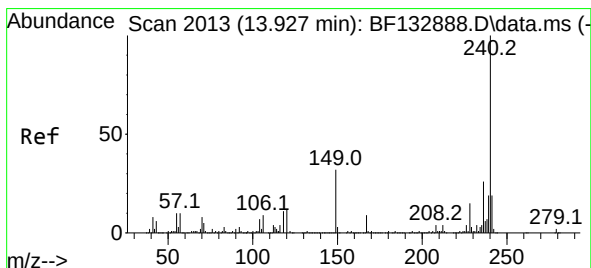
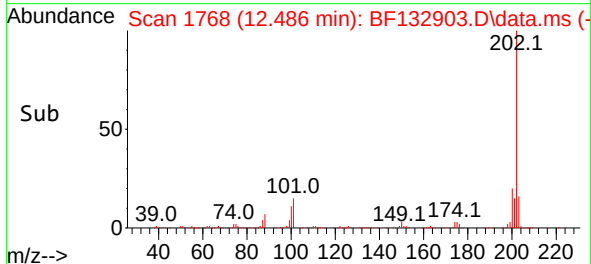
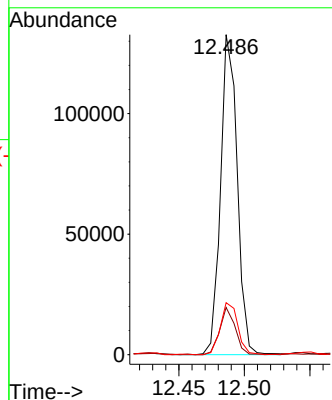
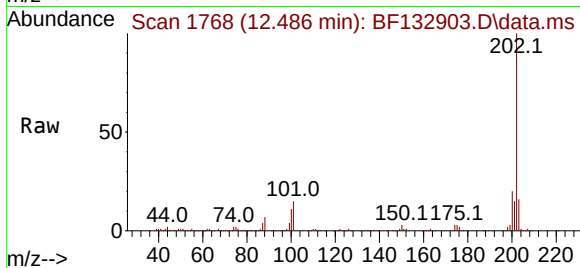




#75
Fluoranthene
Concen: 2.309 ng
RT: 12.486 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF132903.D
Acq: 18 Apr 2023 16:24

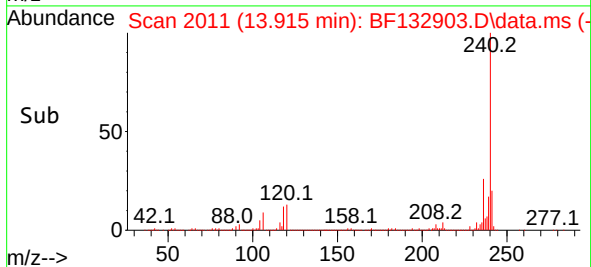
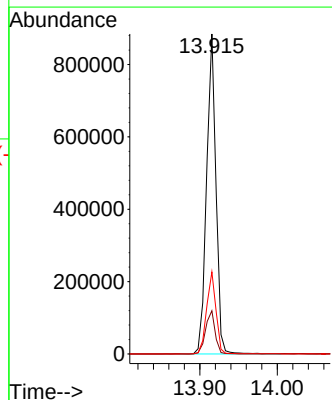
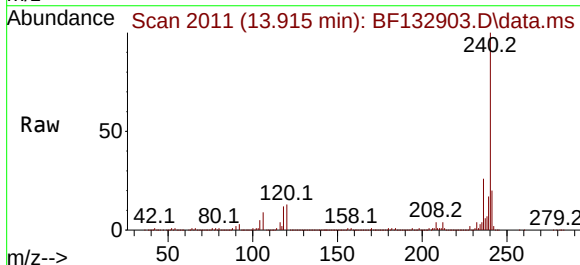
Instrument :
BNA_F
ClientSampleId :
SB-16-COMP

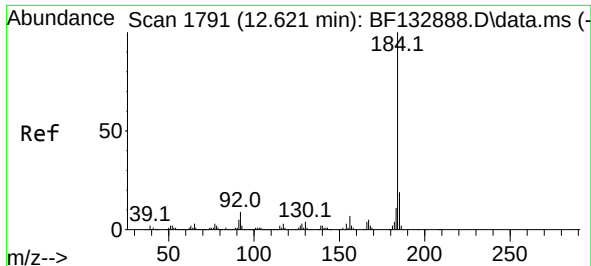
Tgt Ion:202 Resp: 116952
Ion Ratio Lower Upper
202 100
101 14.8 0.0 34.5
203 16.3 0.0 38.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.915 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BF132903.D
Acq: 18 Apr 2023 16:24

Tgt Ion:240 Resp: 743449
Ion Ratio Lower Upper
240 100
120 13.5 10.0 15.0
236 25.7 20.8 31.2

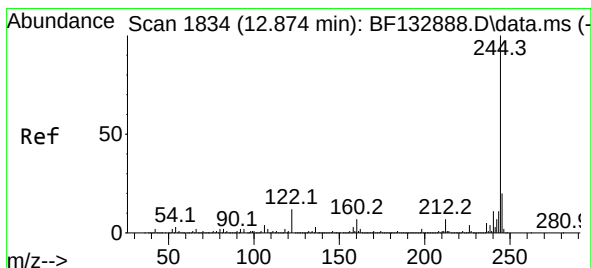
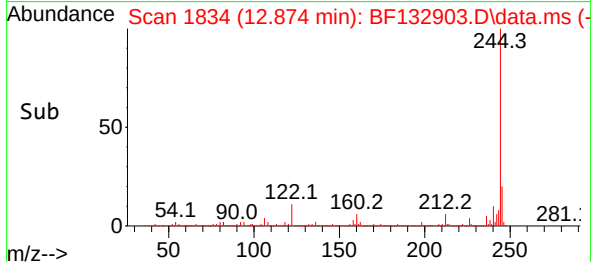
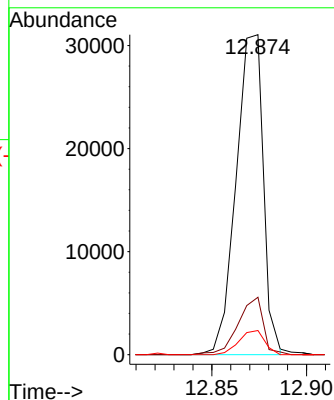
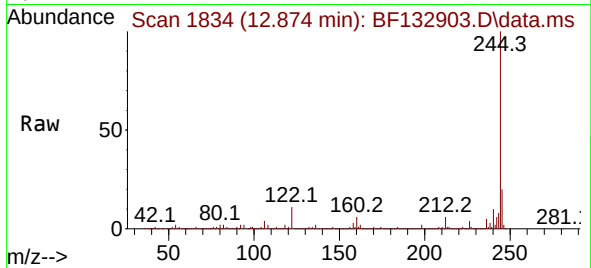




#77
Benzidine
Concen: 2.674 ng
RT: 12.874 min Scan# 1834
Delta R.T. 0.253 min
Lab File: BF132903.D
Acq: 18 Apr 2023 16:24

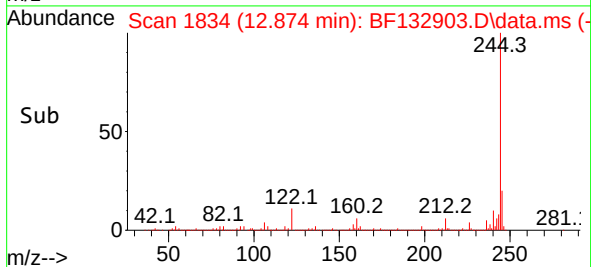
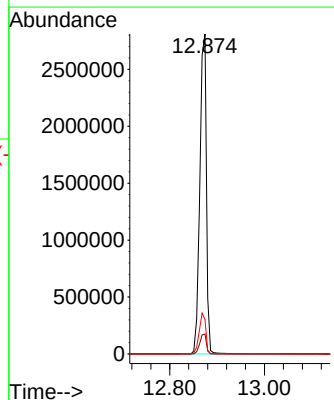
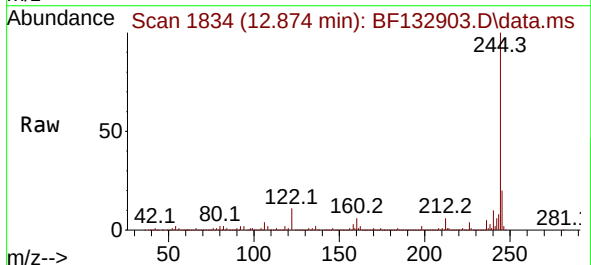
Instrument :
BNA_F
ClientSampleId :
SB-16-COMP

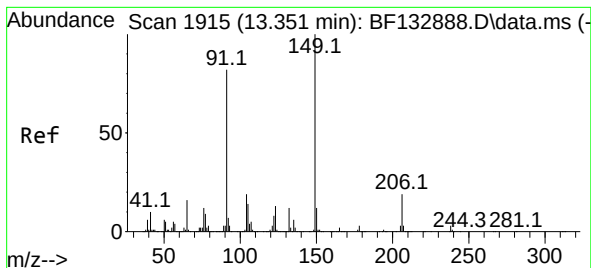
Tgt Ion:184 Resp: 30968
Ion Ratio Lower Upper
184 100
185 18.0 14.9 22.3
183 7.5 9.0 13.6#



#79
Terphenyl-d14
Concen: 62.022 ng
RT: 12.874 min Scan# 1834
Delta R.T. 0.000 min
Lab File: BF132903.D
Acq: 18 Apr 2023 16:24

Tgt Ion:244 Resp: 2702707
Ion Ratio Lower Upper
244 100
212 6.2 5.4 8.0
122 10.7 9.6 14.4





#80

Butylbenzylphthalate

Concen: 5.213 ng

RT: 13.351 min Scan# 1915

Delta R.T. -0.000 min

Lab File: BF132903.D

Acq: 18 Apr 2023 16:24

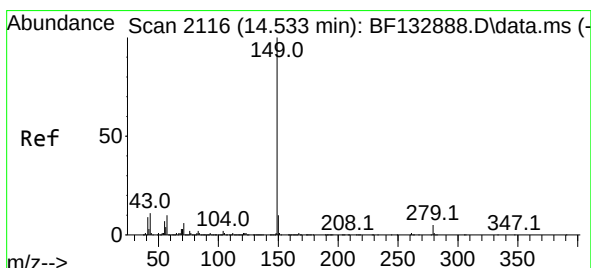
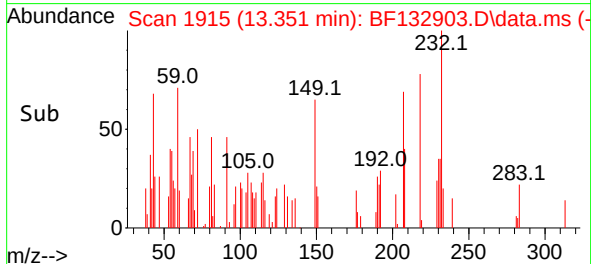
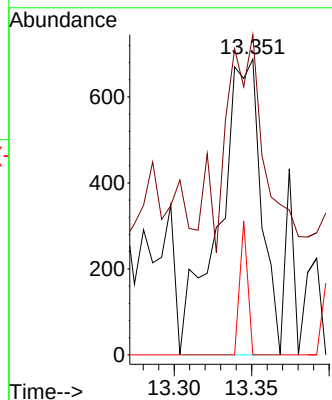
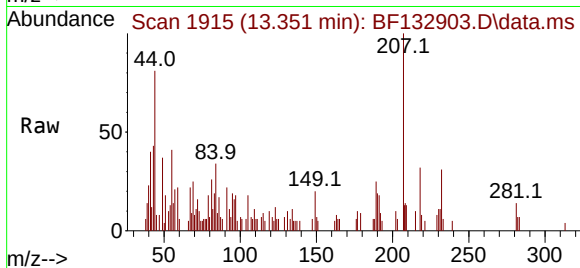
Instrument :

BNA_F

ClientSampleId :

SB-16-COMP

Tgt Ion:	149	Resp:	1302
Ion	Ratio	Lower	Upper
149	100		
91	108.3	65.4	98.0#
206	0.0	15.6	23.4#



#85

Di-n-octyl phthalate

Concen: 6.416 ng

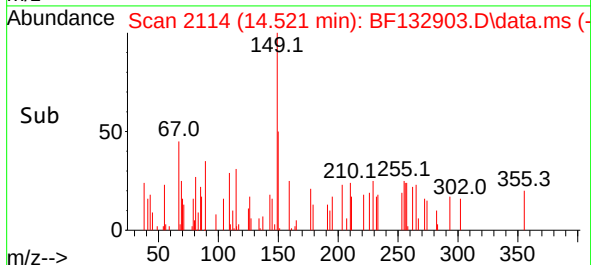
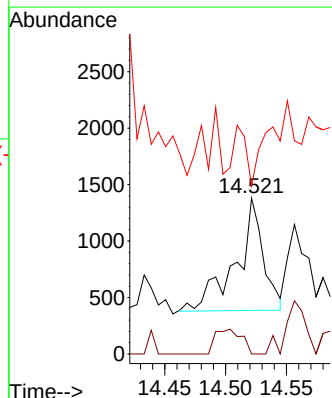
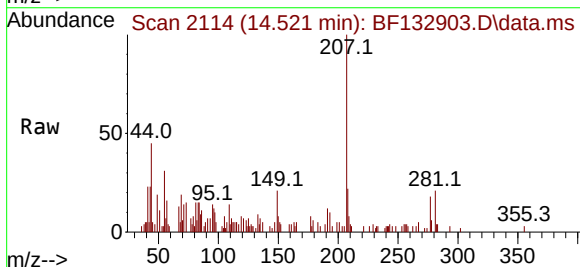
RT: 14.521 min Scan# 2114

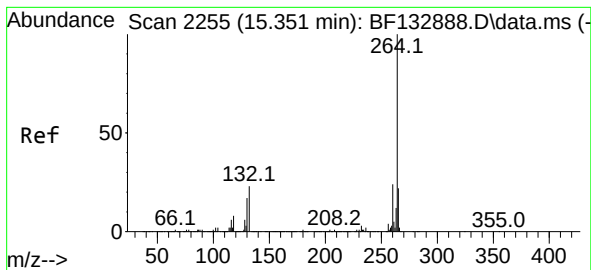
Delta R.T. -0.012 min

Lab File: BF132903.D

Acq: 18 Apr 2023 16:24

Tgt Ion:	149	Resp:	1570
Ion	Ratio	Lower	Upper
149	100		
167	21.0	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: BF132903.D
Acq: 18 Apr 2023 16:24

Instrument :
BNA_F
ClientSampleId :
SB-16-COMP

Tgt Ion:264 Resp: 656160
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.6
265 21.5 17.7 26.5

