

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041923\
 Data File : BF132921.D
 Acq On : 19 Apr 2023 20:09
 Operator : CG\JU
 Sample : 02366-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20230335-COMP-13

Quant Time: Apr 20 01:50:10 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)

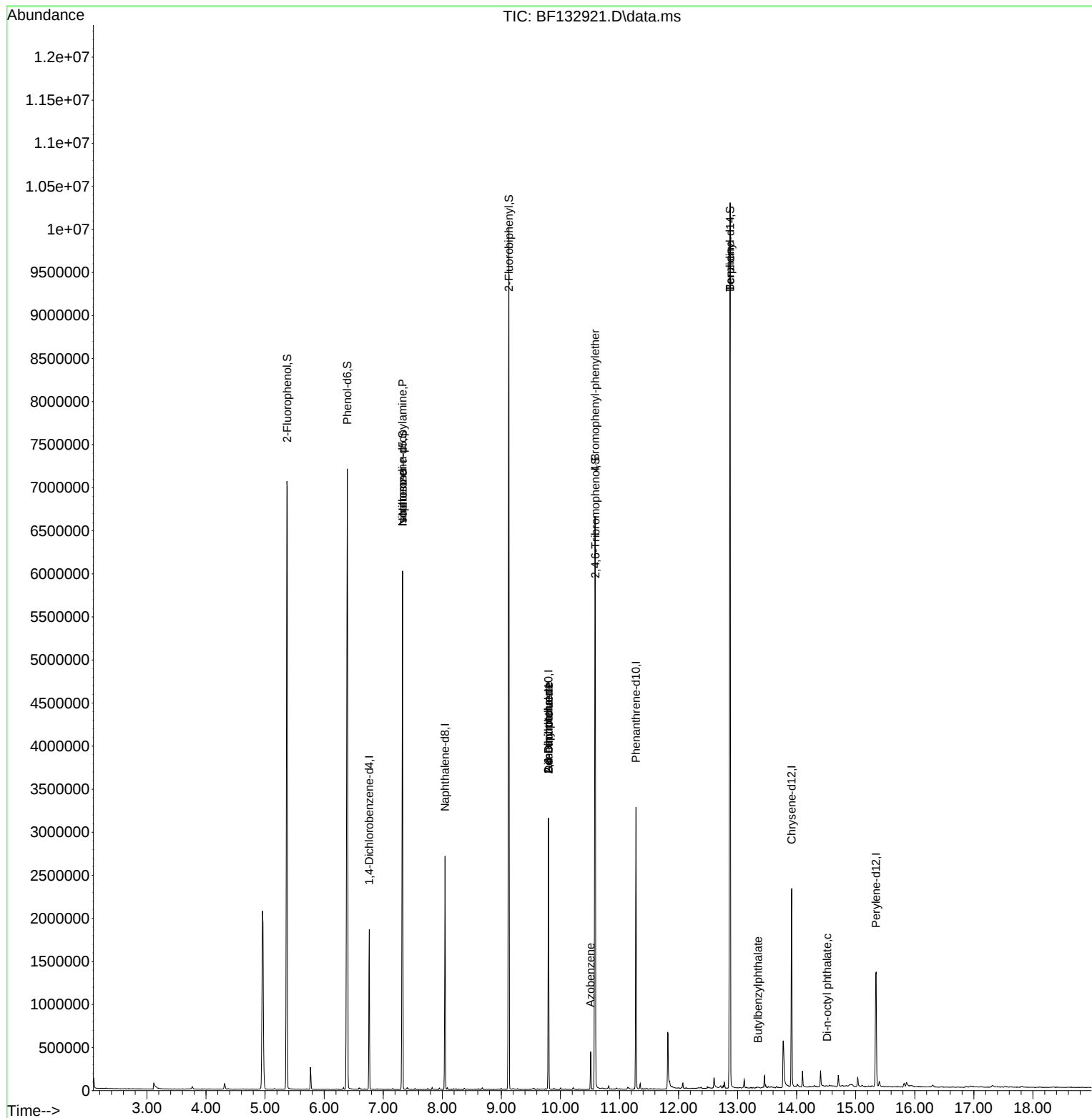
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	239485	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	964702	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	529664	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	1026034	20.000	ng	0.00
76) Chrysene-d12	13.916	240	715931	20.000	ng	-0.01
86) Perylene-d12	15.345	264	572687	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2330341	152.155	ng	0.01
7) Phenol-d6	6.393	99	2983452	152.659	ng	0.00
23) Nitrobenzene-d5	7.328	82	1804091	97.479	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	953153	179.415	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	2928282	84.931	ng	0.00
79) Terphenyl-d14	12.874	244	3947438	94.068	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.328	70	239323	19.619	ng	# 80
25) Isophorone	7.328	82	1803016	51.360	ng	# 65
50) Dimethylphthalate	9.798	163	105515	2.881	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	68838	8.574	ng	# 27
57) 2,4-Dinitrotoluene	9.798	165	68838	6.947	ng	# 23
63) Azobenzene	10.510	77	76651	2.005	ng	# 1
67) 4-Bromophenyl-phenylether	10.586	248	55386	4.727	ng	# 1
77) Benzidine	12.874	184	45621	4.091	ng	# 93
80) Butylbenzylphthalate	13.345	149	1199	5.210	ng	91
85) Di-n-octyl phthalate	14.516	149	574	6.395	ng	# 1

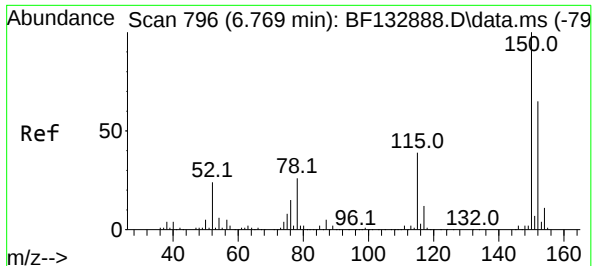
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041923\
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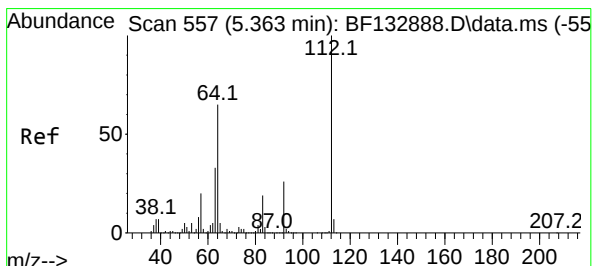
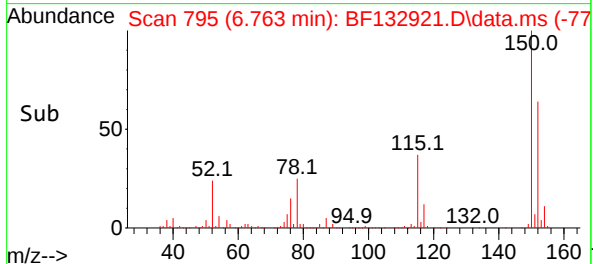
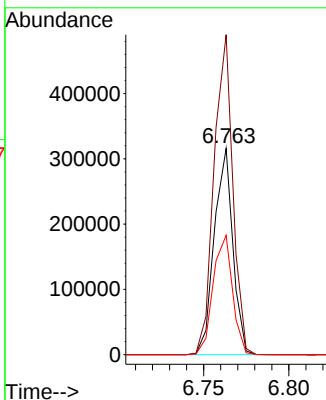
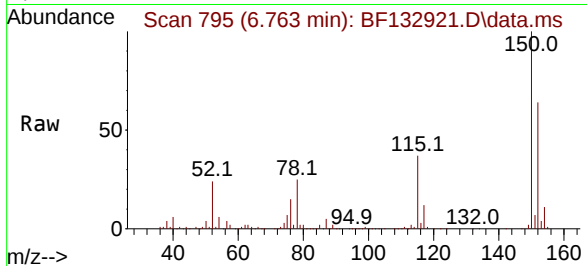




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF132921.D
Acq: 19 Apr 2023 20:09

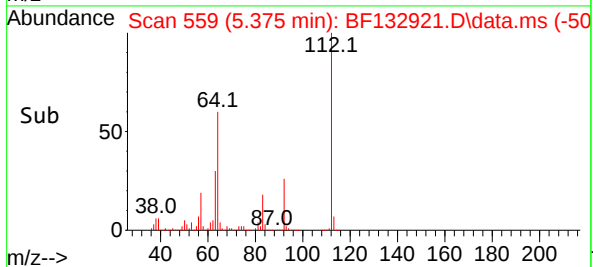
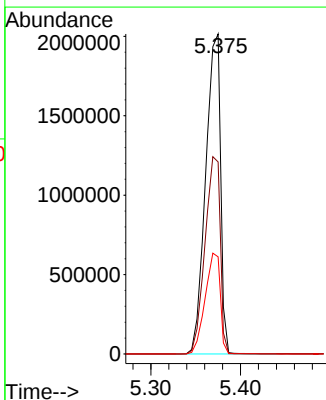
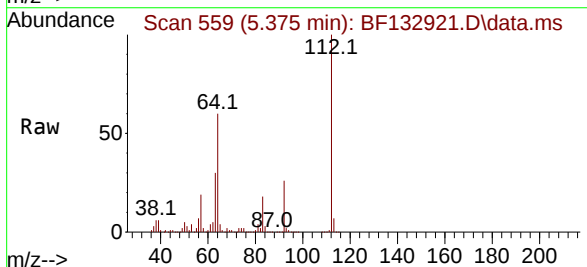
Instrument :
BNA_F
ClientSampleId :
20230335-COMP-13

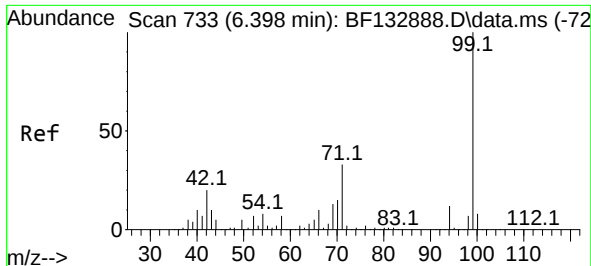
Tgt Ion:152 Resp: 239485
Ion Ratio Lower Upper
152 100
150 155.1 122.8 184.2
115 57.9 47.3 70.9



#5
2-Fluorophenol
Concen: 152.155 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.012 min
Lab File: BF132921.D
Acq: 19 Apr 2023 20:09

Tgt Ion:112 Resp: 2330341
Ion Ratio Lower Upper
112 100
64 60.0 51.8 77.8
63 30.3 26.3 39.5

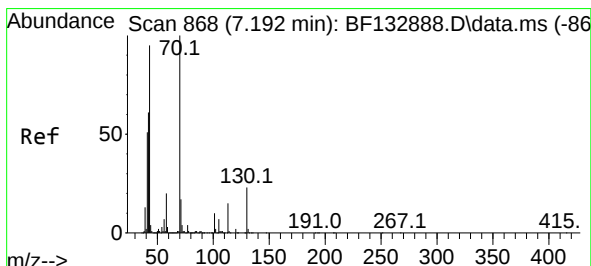
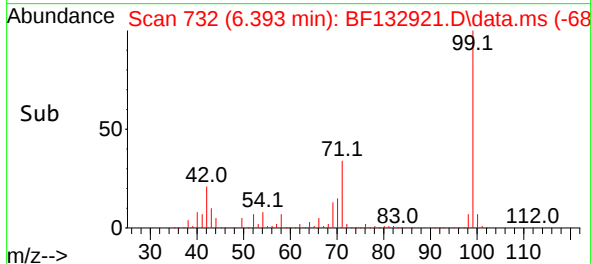
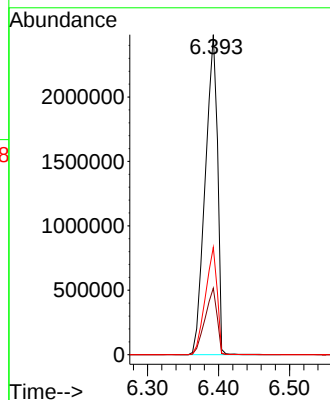
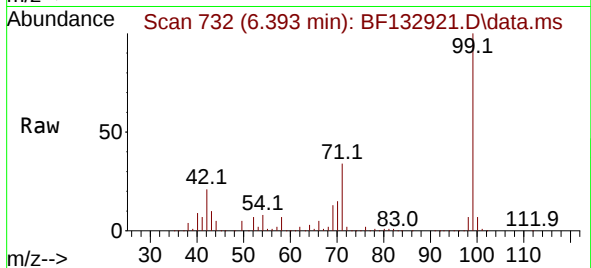




#7
Phenol-d6
Concen: 152.659 ng
RT: 6.393 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132921.D
Acq: 19 Apr 2023 20:09

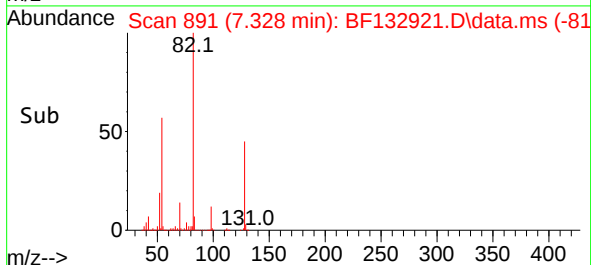
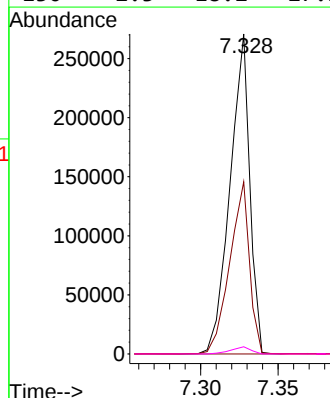
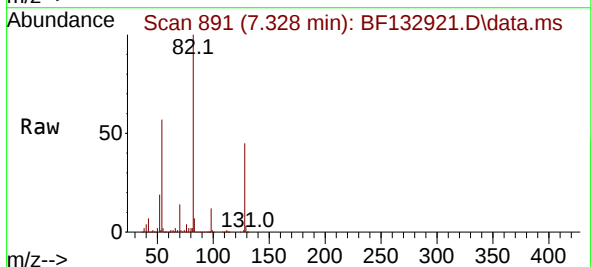
Instrument :
BNA_F
ClientSampleId :
20230335-COMP-13

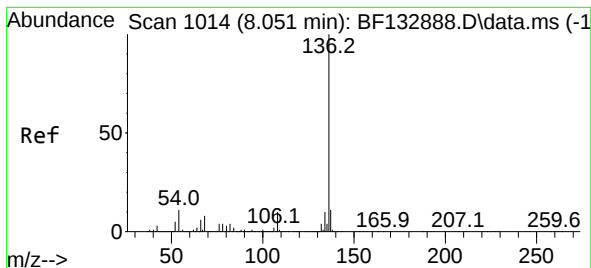
Tgt Ion: 99 Resp: 2983452
Ion Ratio Lower Upper
99 100
42 20.8 16.1 24.1
71 33.6 26.1 39.1



#19
n-Nitroso-di-n-propylamine
Concen: 19.619 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.135 min
Lab File: BF132921.D
Acq: 19 Apr 2023 20:09

Tgt Ion: 70 Resp: 239323
Ion Ratio Lower Upper
70 100
42 53.8 49.0 73.6
101 0.0 8.1 12.1#
130 2.3 18.2 27.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.045 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132921.D

Acq: 19 Apr 2023 20:09

Instrument :

BNA_F

ClientSampleId :

20230335-COMP-13

Tgt Ion:136 Resp: 964702

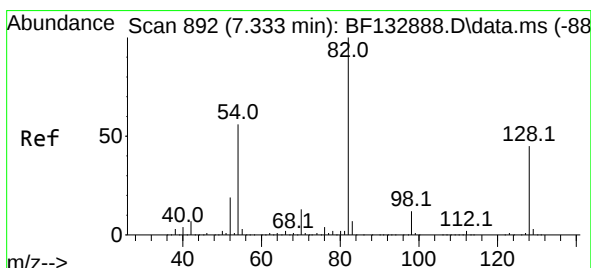
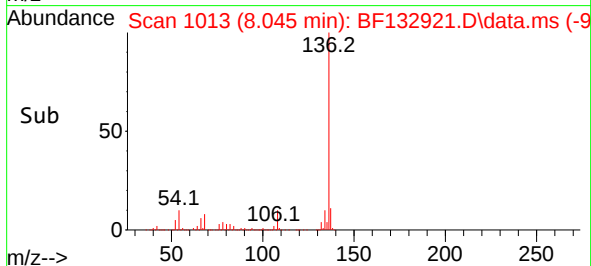
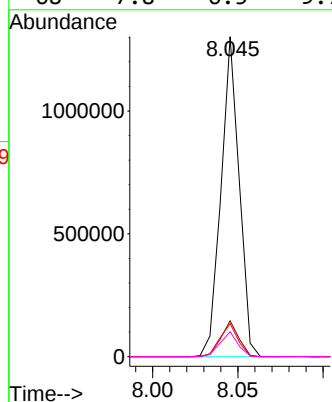
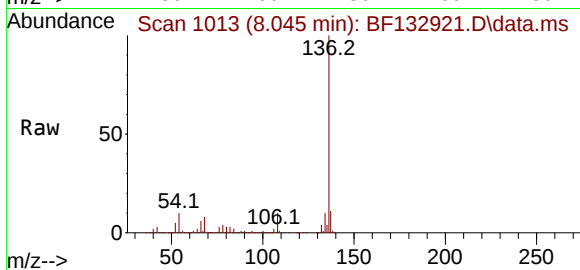
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 10.3 8.9 13.3

68 7.8 6.5 9.7



#23

Nitrobenzene-d5

Concen: 97.479 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF132921.D

Acq: 19 Apr 2023 20:09

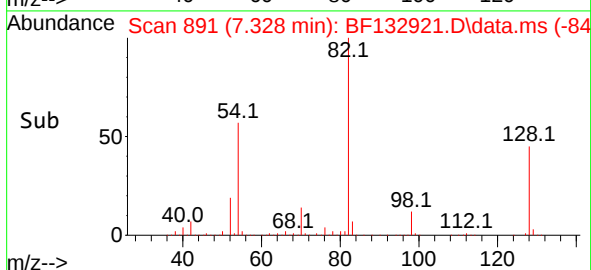
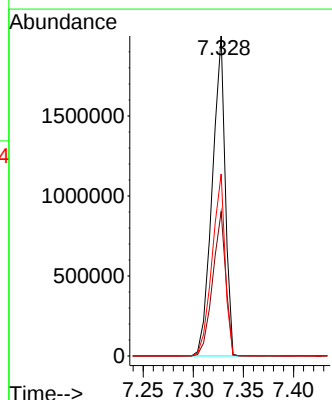
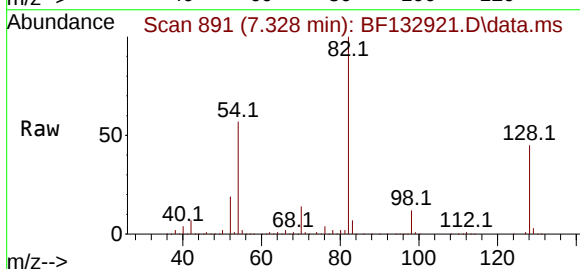
Tgt Ion: 82 Resp: 1804091

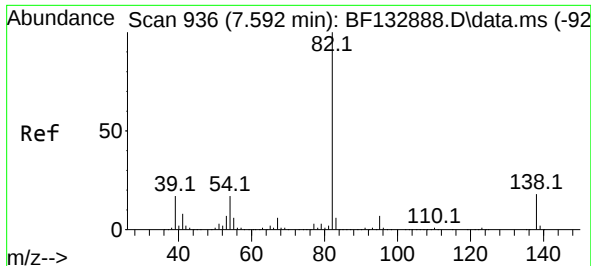
Ion Ratio Lower Upper

82 100

128 45.1 35.7 53.5

54 56.9 44.7 67.1

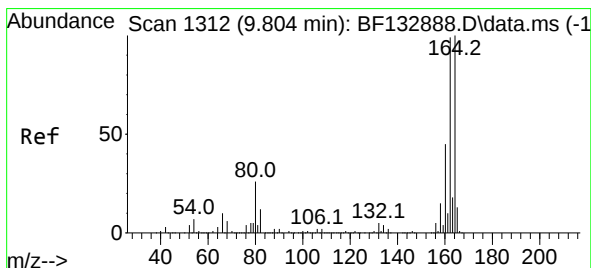
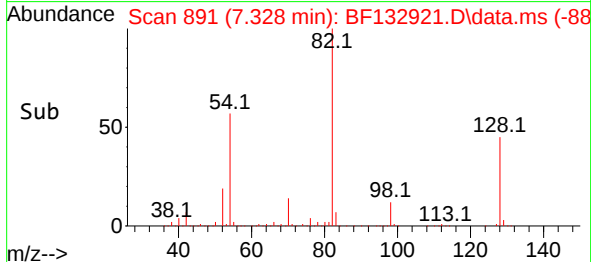
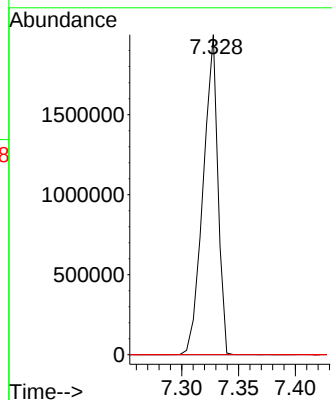
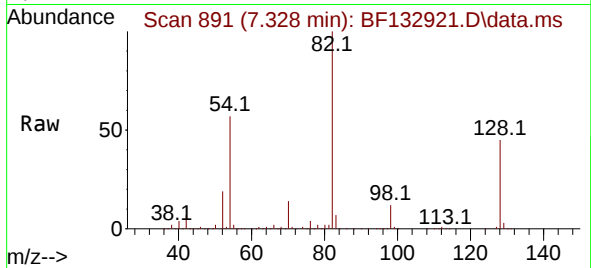




#25
Isophorone
Concen: 51.360 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.265 min
Lab File: BF132921.D
Acq: 19 Apr 2023 20:09

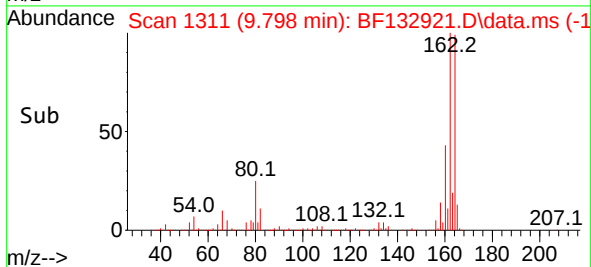
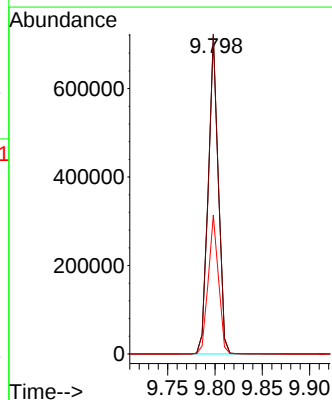
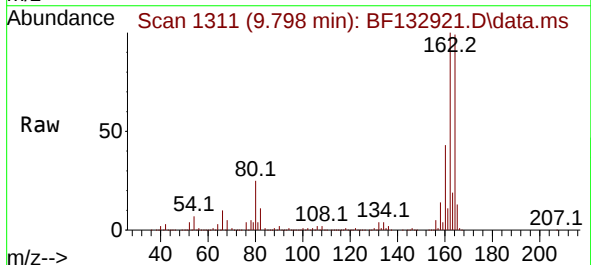
Instrument :
BNA_F
ClientSampleId :
20230335-COMP-13

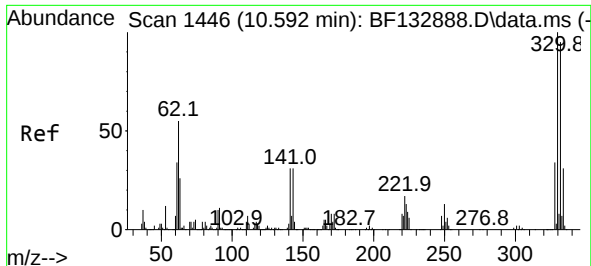
Tgt Ion: 82 Resp: 1803016
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF132921.D
Acq: 19 Apr 2023 20:09

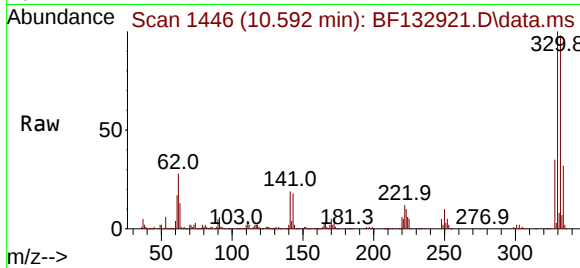
Tgt Ion:164 Resp: 529664
Ion Ratio Lower Upper
164 100
162 100.8 79.1 118.7
160 43.8 35.6 53.4



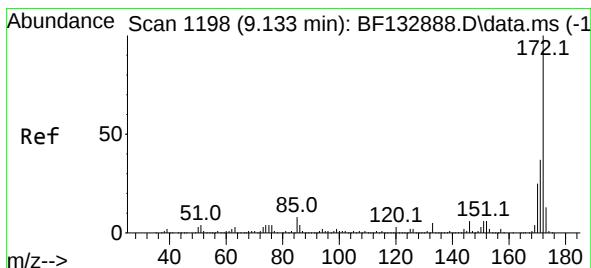
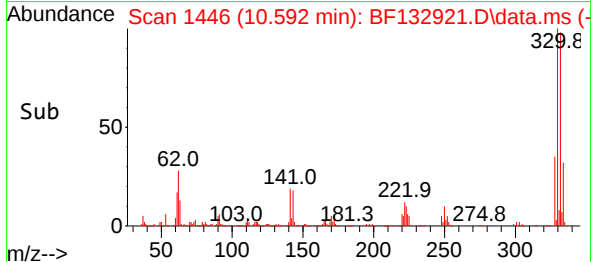
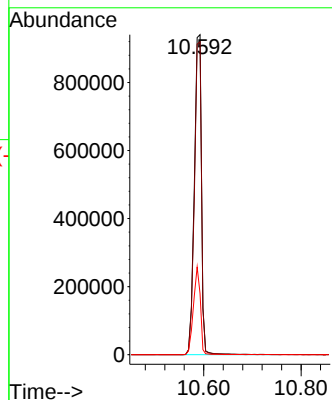


#42
 2,4,6-Tribromophenol
 Concen: 179.415 ng
 RT: 10.592 min Scan# 1446
 Delta R.T. 0.000 min
 Lab File: BF132921.D
 Acq: 19 Apr 2023 20:09

Instrument :
 BNA_F
 ClientSampleId :
 20230335-COMP-13

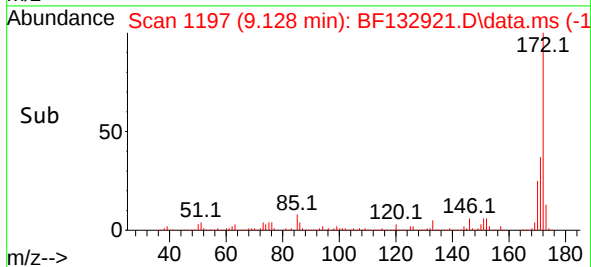
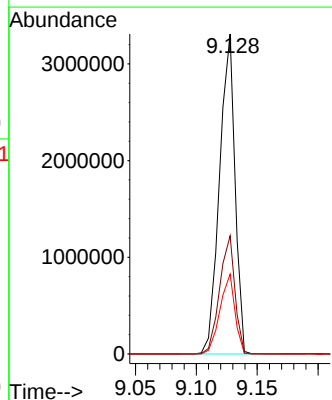
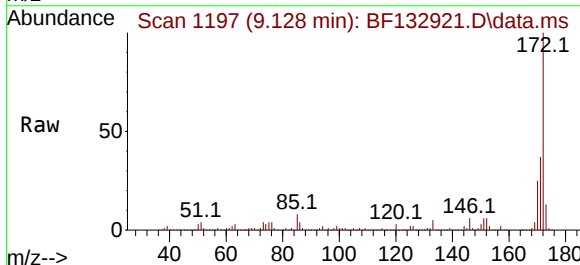


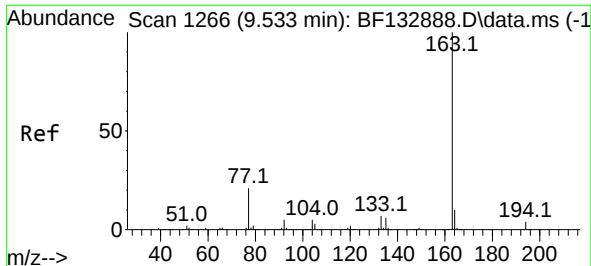
Tgt Ion:330 Resp: 953153
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.3 114.5
 141 26.6 23.9 35.9



#45
 2-Fluorobiphenyl
 Concen: 84.931 ng
 RT: 9.128 min Scan# 1197
 Delta R.T. -0.006 min
 Lab File: BF132921.D
 Acq: 19 Apr 2023 20:09

Tgt Ion:172 Resp: 2928282
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.4 44.0
 170 25.0 20.1 30.1

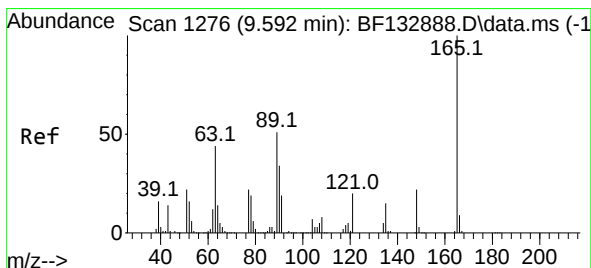
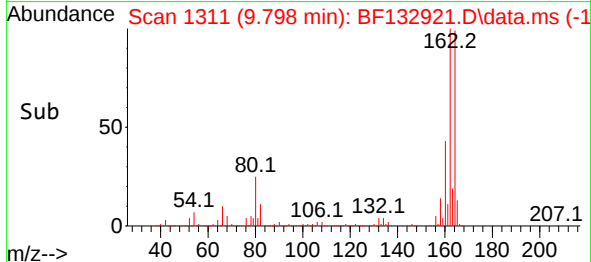
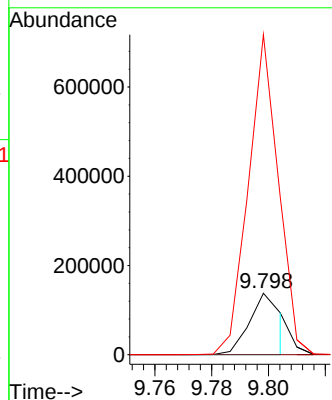
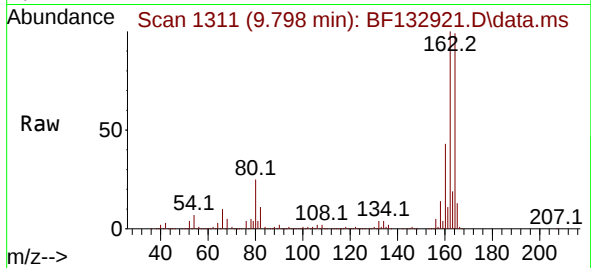




#50
Dimethylphthalate
Concen: 2.881 ng
RT: 9.798 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF132921.D
Acq: 19 Apr 2023 20:09

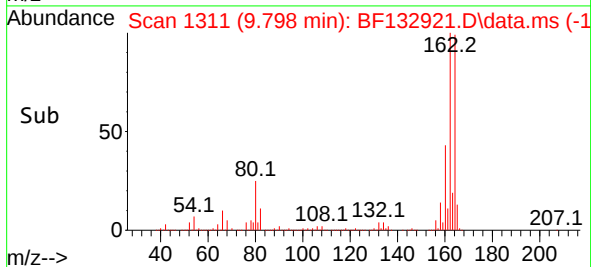
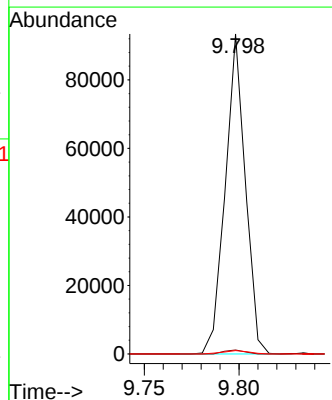
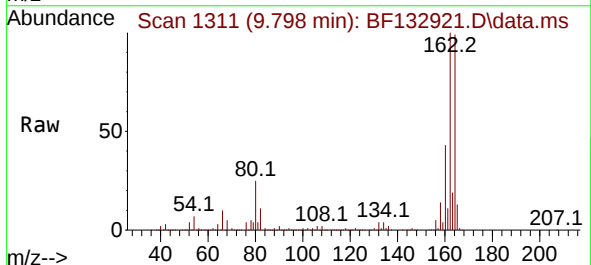
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BNA_F
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20230335-COMP-13

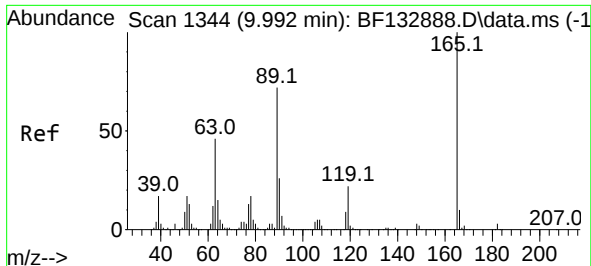
Tgt Ion:163 Resp: 105515
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.0#
164 521.2 8.3 12.5#



#51
2,6-Dinitrotoluene
Concen: 8.574 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.206 min
Lab File: BF132921.D
Acq: 19 Apr 2023 20:09

Tgt Ion:165 Resp: 68838
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: 6.947 ng

RT: 9.798 min Scan# 11

Delta R.T. -0.194 min

Lab File: BF132921.D

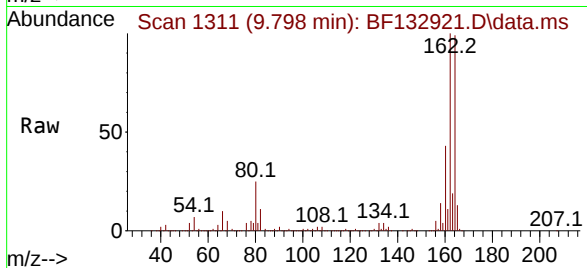
Acq: 19 Apr 2023 20:09

Instrument :

BNA_F

ClientSampleId :

20230335-COMP-13



Tgt Ion:165 Resp: 68838

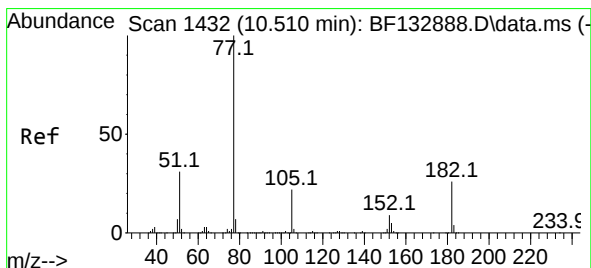
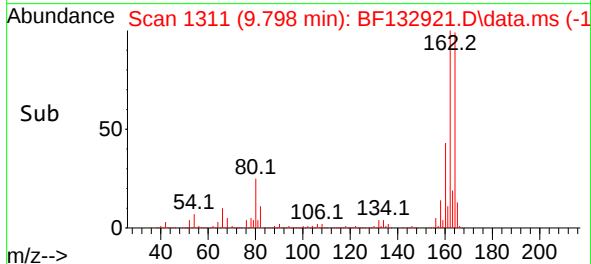
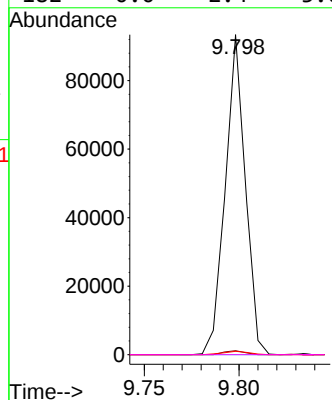
Ion Ratio Lower Upper

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: 2.005 ng

RT: 10.510 min Scan# 1432

Delta R.T. 0.000 min

Lab File: BF132921.D

Acq: 19 Apr 2023 20:09

Tgt Ion: 77 Resp: 76651

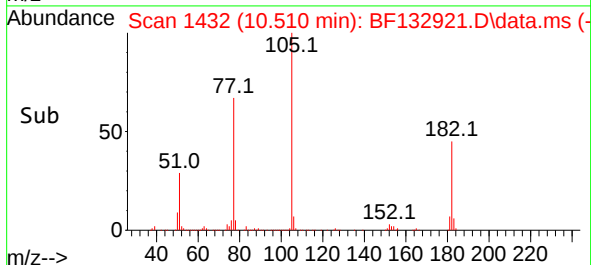
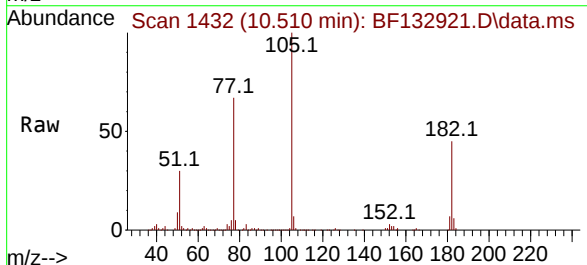
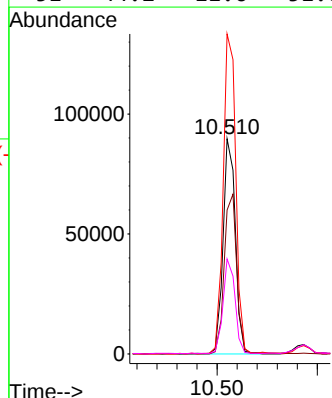
Ion Ratio Lower Upper

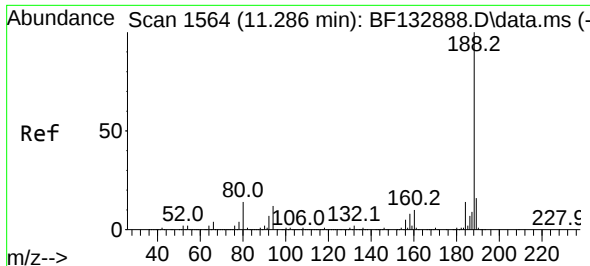
77 100

182 66.8 6.0 46.0#

105 148.6 1.6 41.6#

51 44.2 11.6 51.6

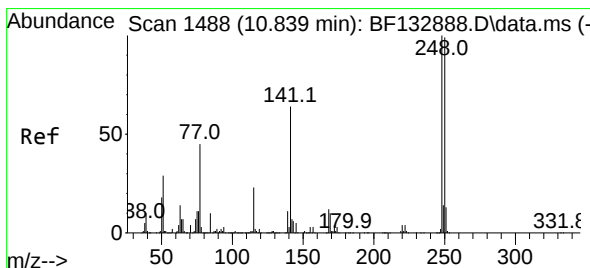
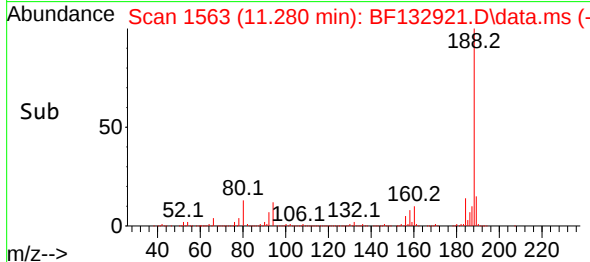
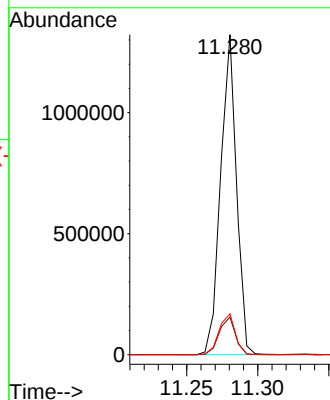
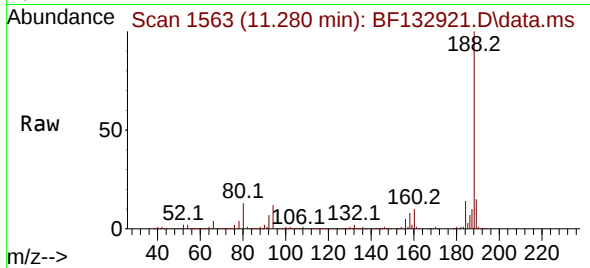




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132921.D
Acq: 19 Apr 2023 20:09

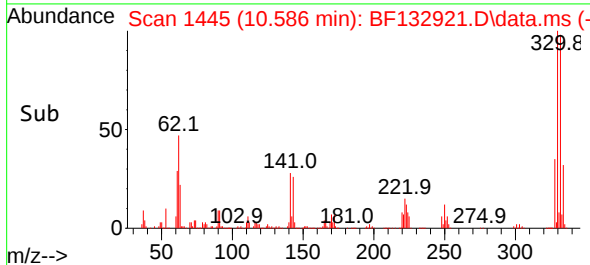
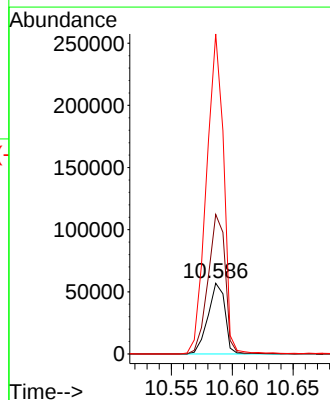
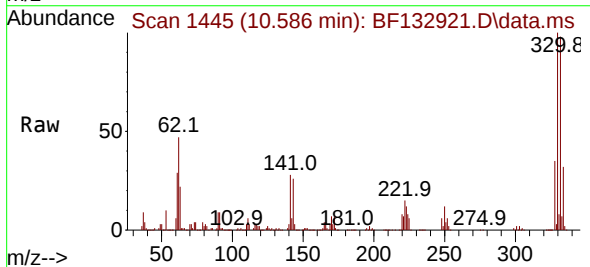
Instrument :
BNA_F
ClientSampleId :
20230335-COMP-13

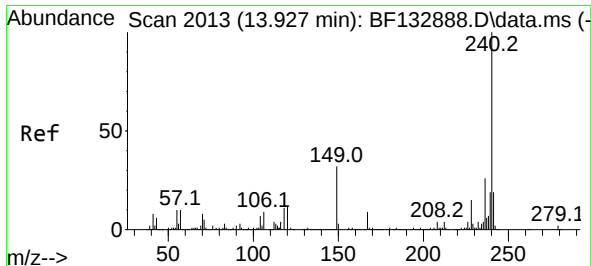
Tgt Ion:188 Resp: 1026034
Ion Ratio Lower Upper
188 100
94 11.7 9.9 14.9
80 12.8 10.8 16.2



#67
4-Bromophenyl-phenylether
Concen: 4.727 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.253 min
Lab File: BF132921.D
Acq: 19 Apr 2023 20:09

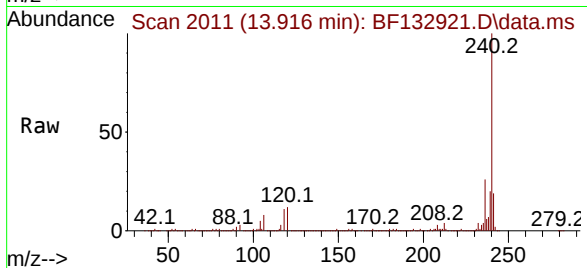
Tgt Ion:248 Resp: 55386
Ion Ratio Lower Upper
248 100
250 197.5 79.1 118.7#
141 452.8 51.0 76.6#



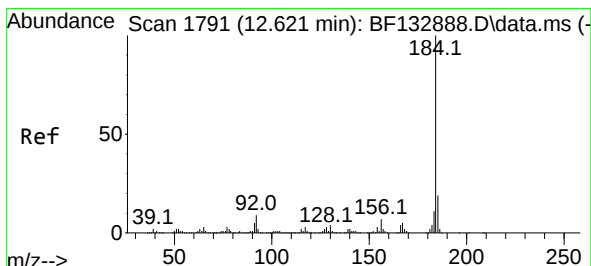
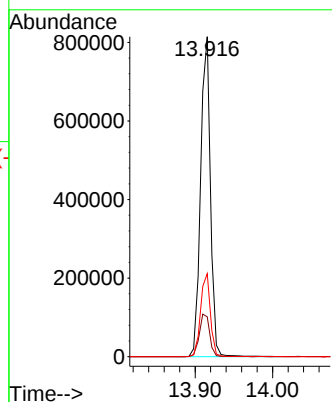
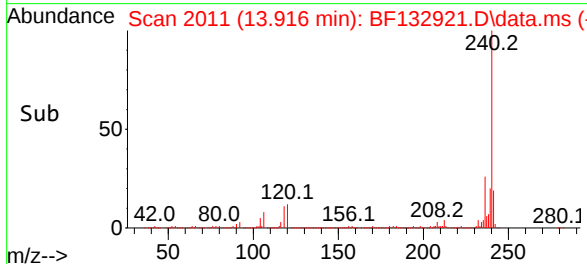


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.916 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BF132921.D
Acq: 19 Apr 2023 20:09

Instrument :
BNA_F
ClientSampleId :
20230335-COMP-13

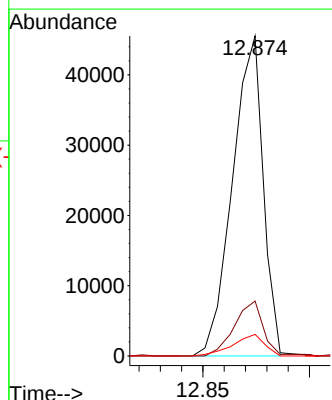
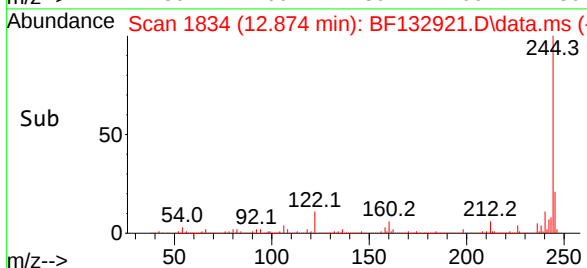
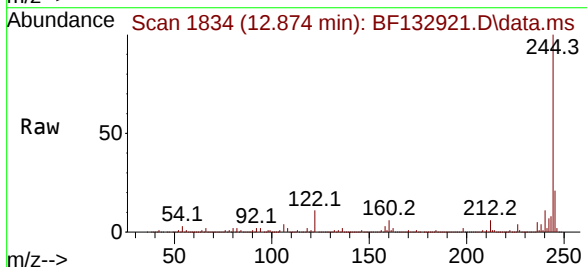


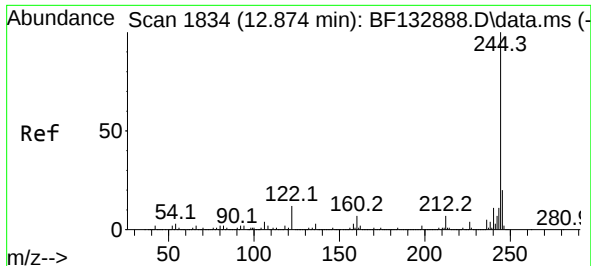
Tgt Ion:240 Resp: 715931
Ion Ratio Lower Upper
240 100
120 12.4 10.0 15.0
236 26.0 20.8 31.2



#77
Benzidine
Concen: 4.091 ng
RT: 12.874 min Scan# 1834
Delta R.T. 0.253 min
Lab File: BF132921.D
Acq: 19 Apr 2023 20:09

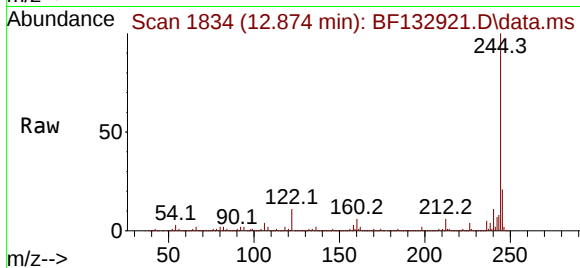
Tgt Ion:184 Resp: 45621
Ion Ratio Lower Upper
184 100
185 17.2 14.9 22.3
183 6.7 9.0 13.6



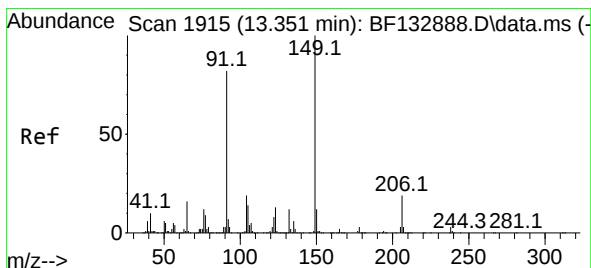
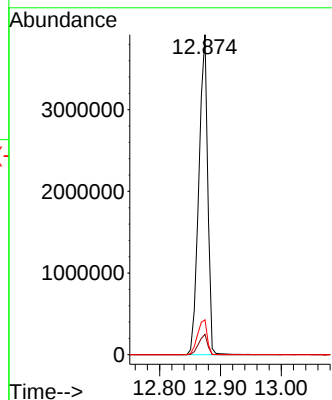
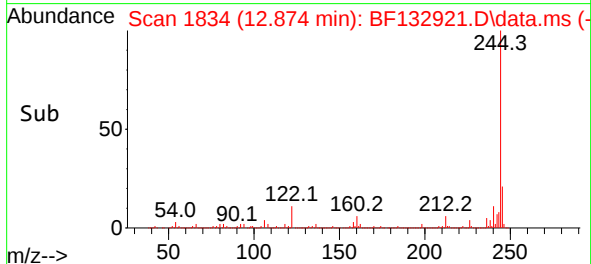


#79
 Terphenyl-d14
 Concen: 94.068 ng
 RT: 12.874 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132921.D
 Acq: 19 Apr 2023 20:09

Instrument :
 BNA_F
 ClientSampleId :
 20230335-COMP-13

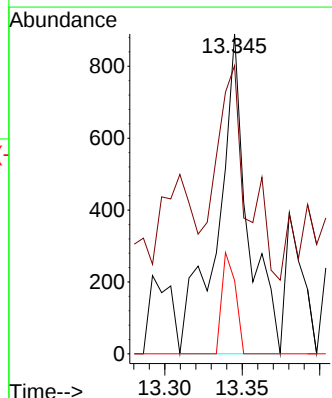
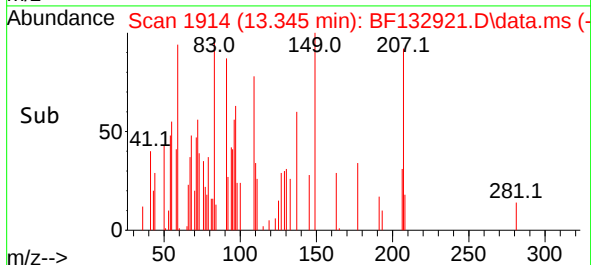
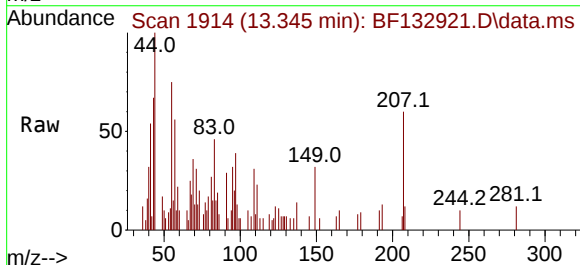


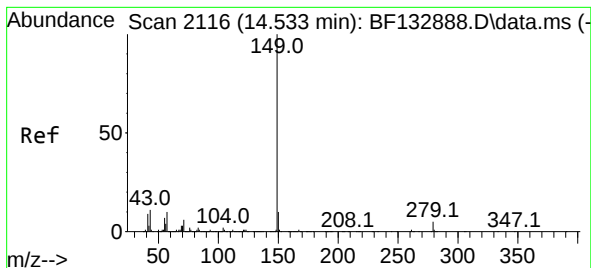
Tgt Ion:244 Resp: 3947438
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 10.9 9.6 14.4



#80
 Butylbenzylphthalate
 Concen: 5.210 ng
 RT: 13.345 min Scan# 1914
 Delta R.T. -0.006 min
 Lab File: BF132921.D
 Acq: 19 Apr 2023 20:09

Tgt Ion:149 Resp: 1199
 Ion Ratio Lower Upper
 149 100
 91 90.1 65.4 98.0
 206 22.9 15.6 23.4





#85

Di-n-octyl phthalate

Concen: 6.395 ng

RT: 14.516 min Scan# 2116

Delta R.T. -0.017 min

Lab File: BF132921.D

Acq: 19 Apr 2023 20:09

Instrument :

BNA_F

ClientSampleId :

20230335-COMP-13

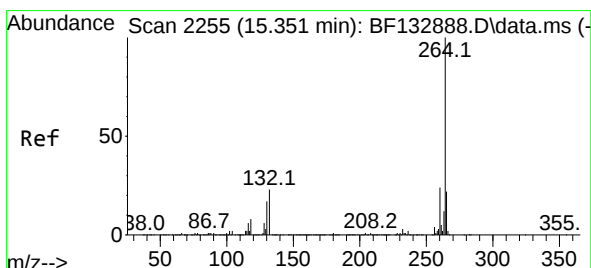
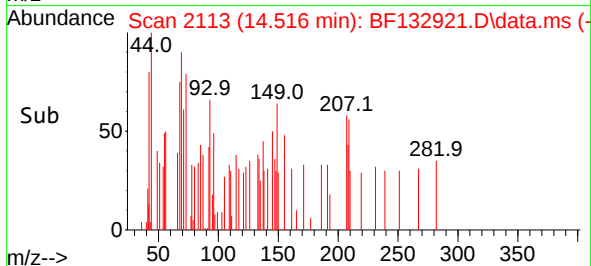
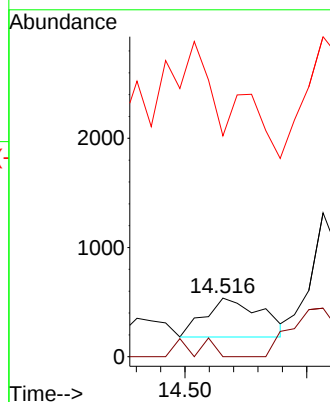
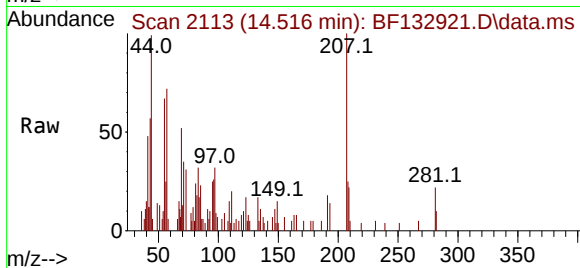
Tgt Ion:149 Resp: 574

Ion Ratio Lower Upper

149 100

167 20.7 1.2 1.8#

43 153.7 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: BF132921.D

Acq: 19 Apr 2023 20:09

Tgt Ion:264 Resp: 572687

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 21.4 17.7 26.5

