

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042023\
 Data File : BF132951.D
 Acq On : 20 Apr 2023 22:38
 Operator : CG\JU
 Sample : 02386-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPA-1WC-23-04

Quant Time: Apr 21 02:18:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 20 14:15:37 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

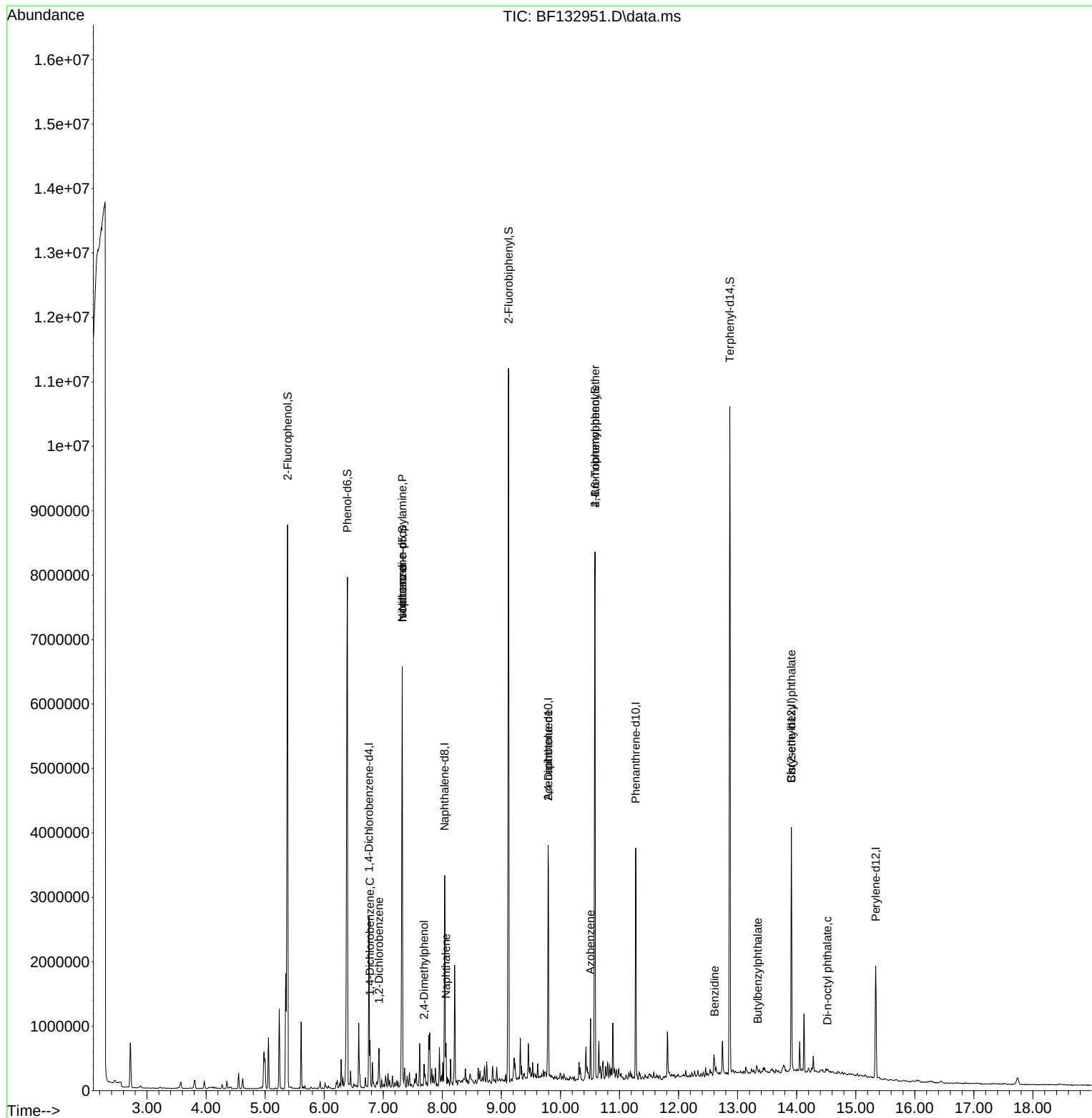
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	318691	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	1341096	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	696642	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	1225010	20.000	ng	0.00
76) Chrysene-d12	13.910	240	841136	20.000	ng	# 0.00
86) Perylene-d12	15.339	264	720044	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2551621	125.196	ng	0.02
7) Phenol-d6	6.393	99	3058220	117.593	ng	0.00
23) Nitrobenzene-d5	7.322	82	2123077	82.518	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	954185	136.559	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	3580383	78.954	ng	0.00
79) Terphenyl-d14	12.869	244	4074629	82.646	ng	0.00
Target Compounds						
						Qvalue
13) 1,4-Dichlorobenzene	6.775	146	117364	5.154	ng	99
14) 1,2-Dichlorobenzene	6.928	146	116052	5.458	ng	98
19) n-Nitroso-di-n-propyla...	7.322	70	288817	17.792	ng	# 80
25) Isophorone	7.322	82	2116161	43.362	ng	# 65
27) 2,4-Dimethylphenol	7.692	122	53339	2.628	ng	96
31) Naphthalene	8.063	128	238142	3.514	ng	98
57) 2,4-Dinitrotoluene	9.792	165	93239	7.154	ng	# 25
63) Azobenzene	10.510	77	149809	2.980	ng	# 1
67) 4-Bromophenyl-phenylether	10.586	248	56999	4.075	ng	# 1
77) Benzidine	12.610	184	63174	4.821	ng	97
80) Butylbenzylphthalate	13.339	149	6870	5.504	ng	# 74
84) Bis(2-ethylhexyl)phtha...	13.910	149	318587	14.644	ng	98
85) Di-n-octyl phthalate	14.521	149	25575	6.852	ng	# 68

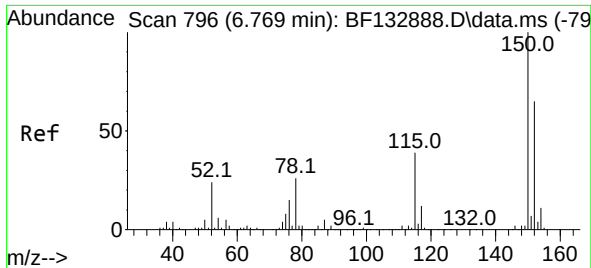
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042023\
Data File : BF132951.D
Acq On : 20 Apr 2023 22:38
Operator : CG\JU
Sample : 02386-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04

Quant Time: Apr 21 02:18:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 20 14:15:37 2023
Response via : Initial Calibration

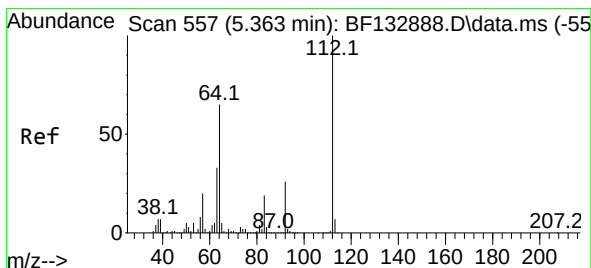
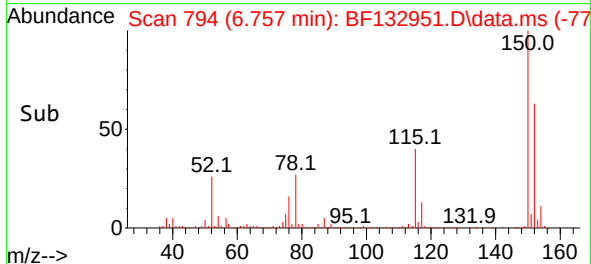
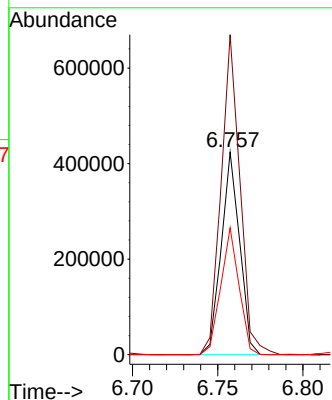
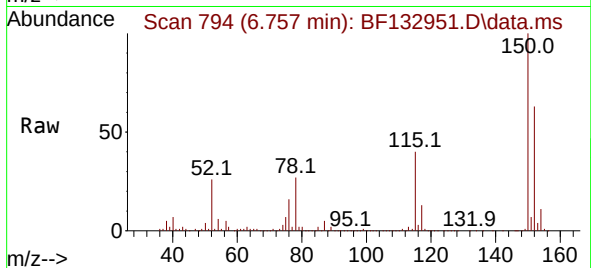




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF132951.D
Acq: 20 Apr 2023 22:38

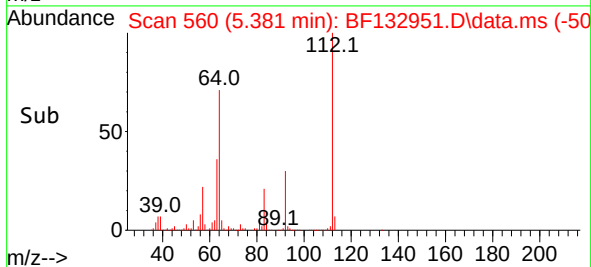
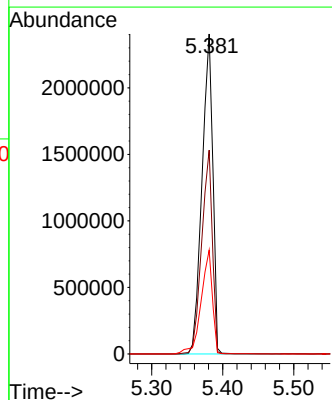
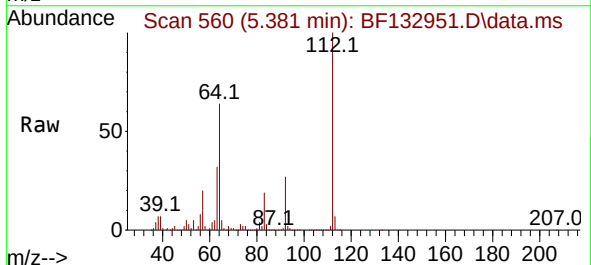
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04

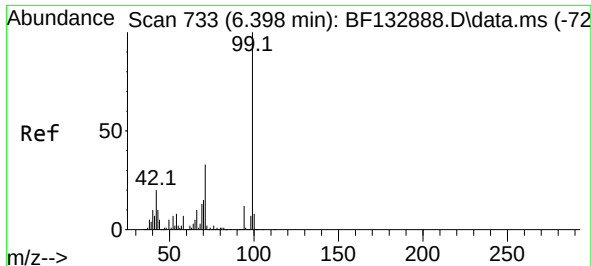
Tgt Ion:152 Resp: 318691
Ion Ratio Lower Upper
152 100
150 157.9 122.8 184.2
115 62.6 47.3 70.9



#5
2-Fluorophenol
Concen: 125.196 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.024 min
Lab File: BF132951.D
Acq: 20 Apr 2023 22:38

Tgt Ion:112 Resp: 2551621
Ion Ratio Lower Upper
112 100
64 63.7 51.8 77.8
63 32.5 26.3 39.5

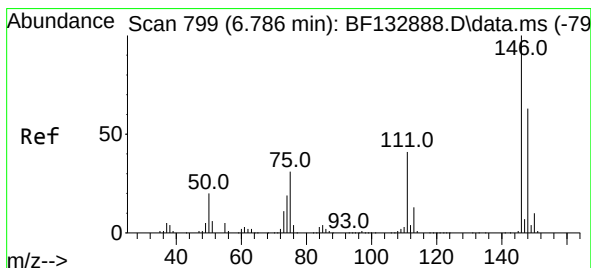
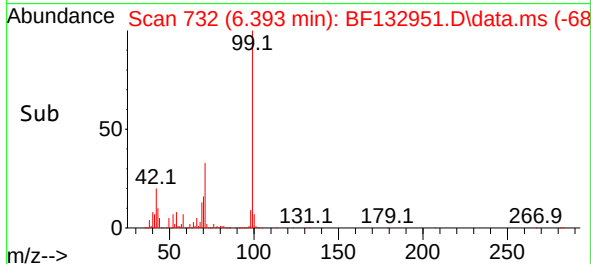
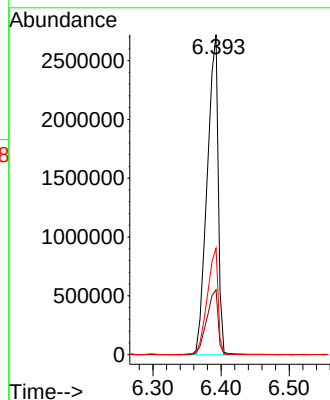
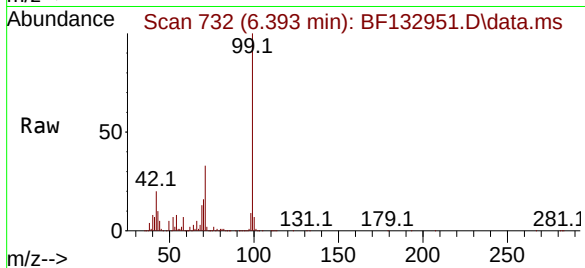




#7
Phenol-d6
Concen: 117.593 ng
RT: 6.393 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF132951.D
Acq: 20 Apr 2023 22:38

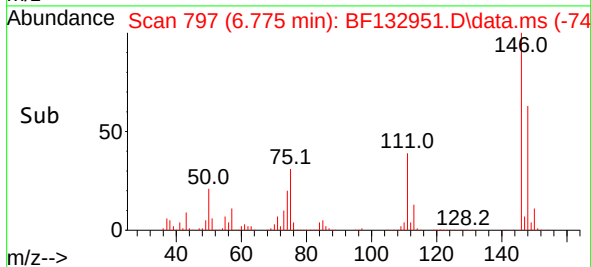
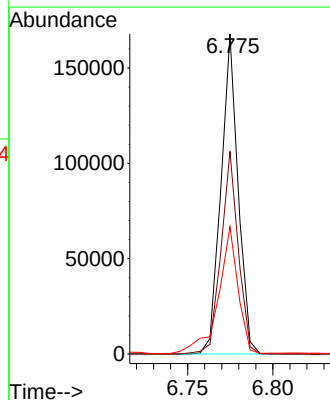
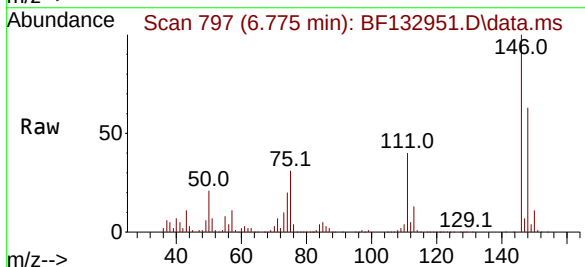
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04

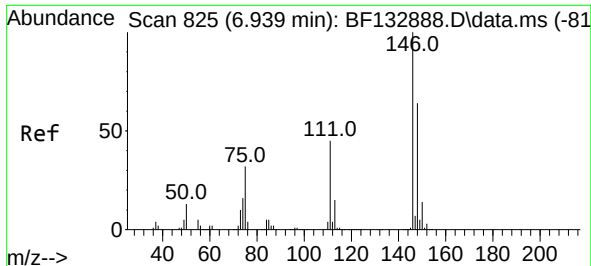
Tgt Ion: 99 Resp: 3058220
Ion Ratio Lower Upper
99 100
42 20.2 16.1 24.1
71 33.3 26.1 39.1



#13
1,4-Dichlorobenzene
Concen: 5.154 ng
RT: 6.775 min Scan# 797
Delta R.T. 0.000 min
Lab File: BF132951.D
Acq: 20 Apr 2023 22:38

Tgt Ion:146 Resp: 117364
Ion Ratio Lower Upper
146 100
148 63.4 50.7 76.1
111 39.8 32.5 48.7

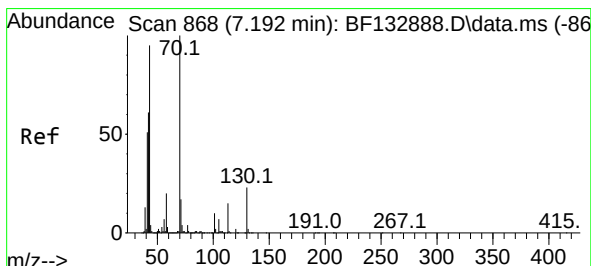
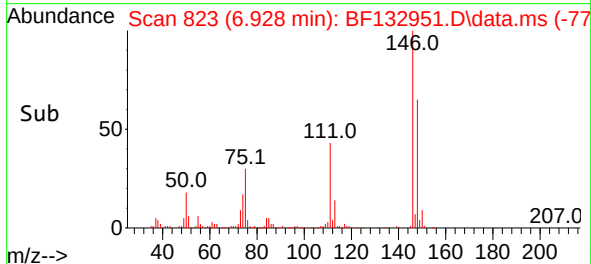
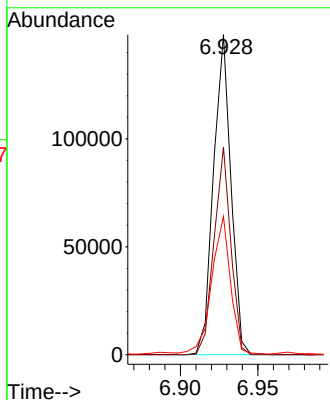
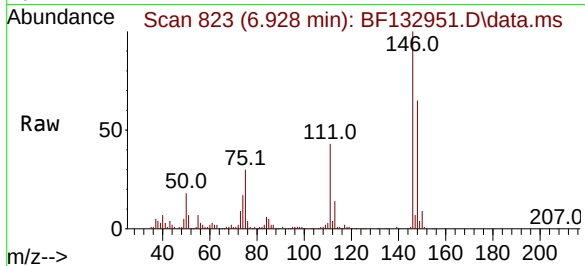




#14
1,2-Dichlorobenzene
Concen: 5.458 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132951.D
Acq: 20 Apr 2023 22:38

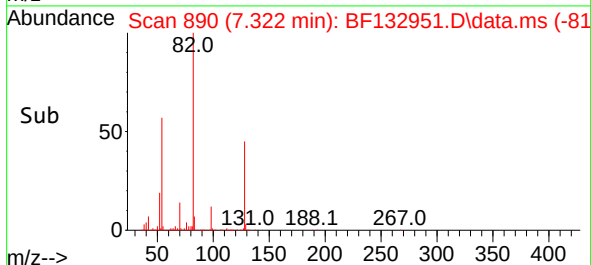
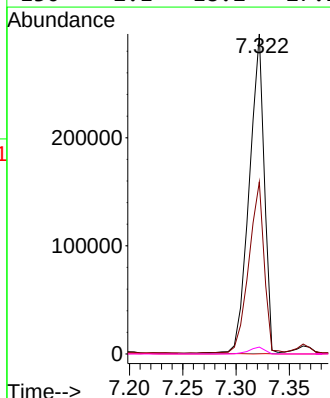
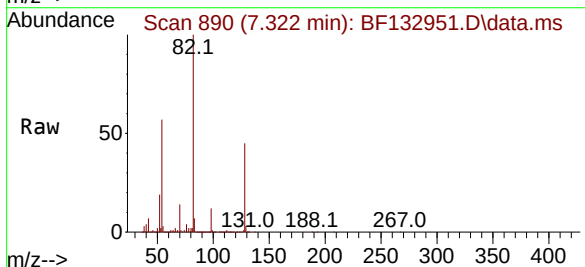
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04

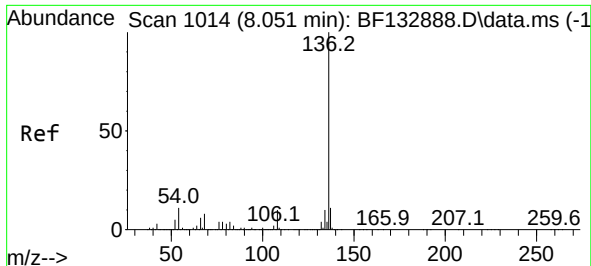
Tgt Ion:146 Resp: 116052
Ion Ratio Lower Upper
146 100
148 64.9 51.3 76.9
111 43.2 36.0 54.0



#19
n-Nitroso-di-n-propylamine
Concen: 17.792 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.141 min
Lab File: BF132951.D
Acq: 20 Apr 2023 22:38

Tgt Ion: 70 Resp: 288817
Ion Ratio Lower Upper
70 100
42 53.8 49.0 73.6
101 0.1 8.1 12.1#
130 2.1 18.2 27.2#



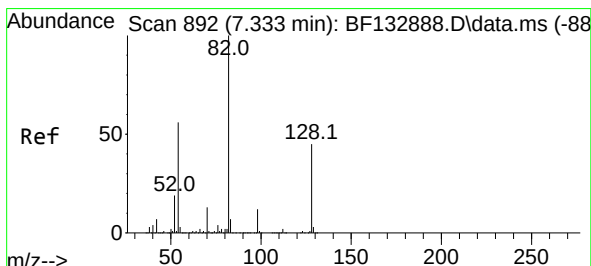
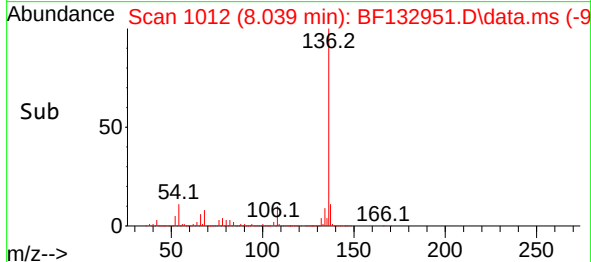
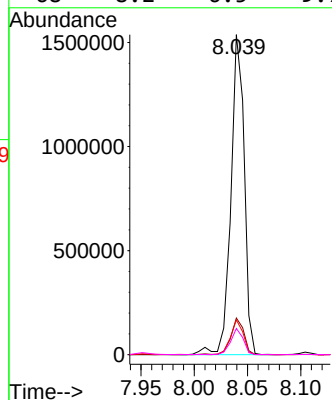
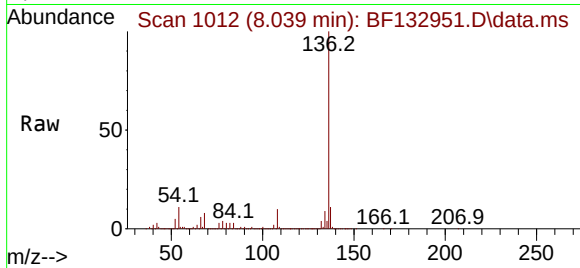


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF132951.D
Acq: 20 Apr 2023 22:38

Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04

Tgt Ion:136 Resp: 1341096

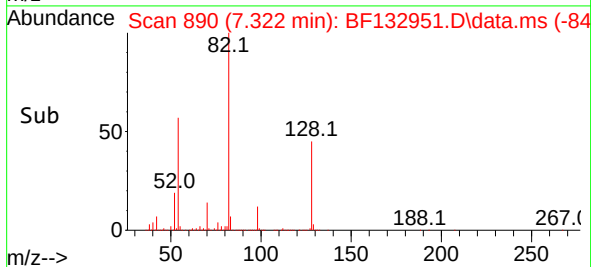
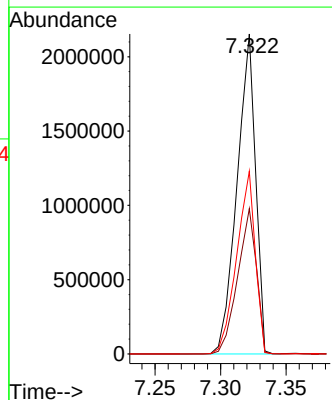
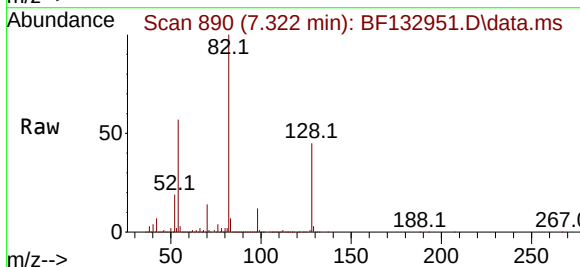
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	10.9	8.9	13.3
68	8.2	6.5	9.7

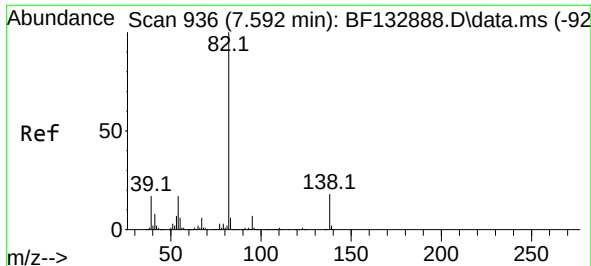


#23
Nitrobenzene-d5
Concen: 82.518 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF132951.D
Acq: 20 Apr 2023 22:38

Tgt Ion: 82 Resp: 2123077

Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.7	53.5
54	57.1	44.7	67.1

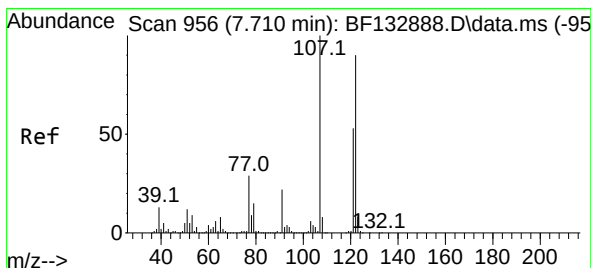
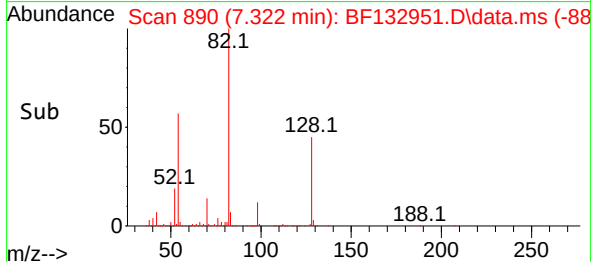
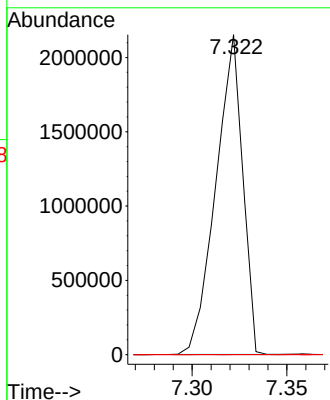
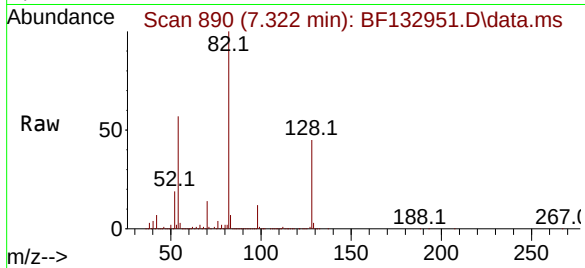




#25
Isophorone
Concen: 43.362 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF132951.D
Acq: 20 Apr 2023 22:38

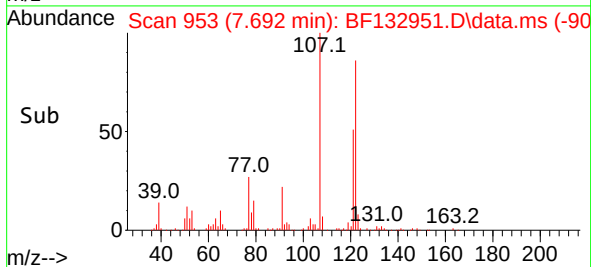
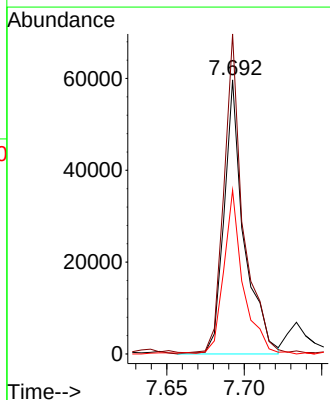
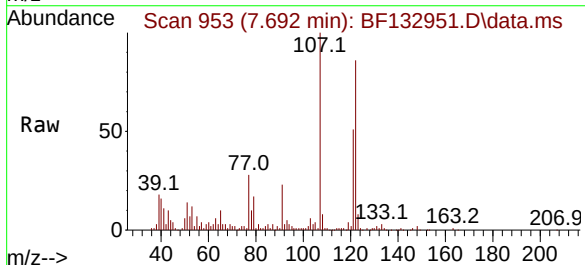
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04

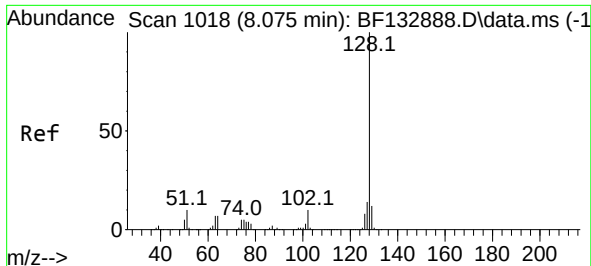
Tgt Ion: 82 Resp: 2116161
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 14.2 21.2#



#27
2,4-Dimethylphenol
Concen: 2.628 ng
RT: 7.692 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF132951.D
Acq: 20 Apr 2023 22:38

Tgt Ion:122 Resp: 53339
Ion Ratio Lower Upper
122 100
107 116.7 88.5 132.7
121 59.8 47.2 70.8

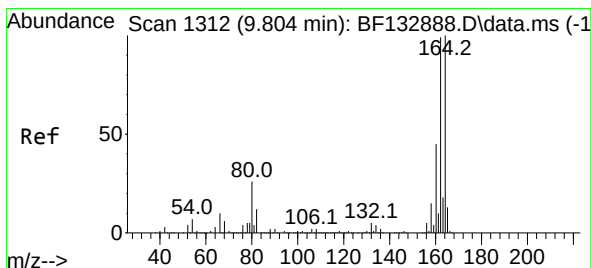
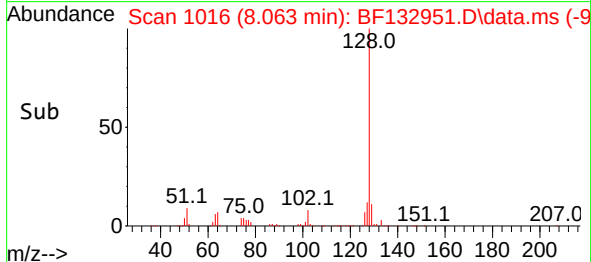
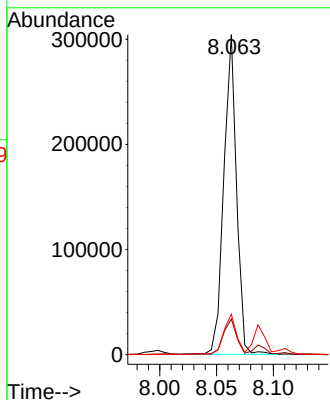
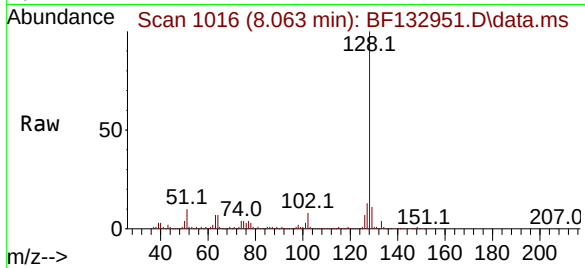




#31
Naphthalene
Concen: 3.514 ng
RT: 8.063 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF132951.D
Acq: 20 Apr 2023 22:38

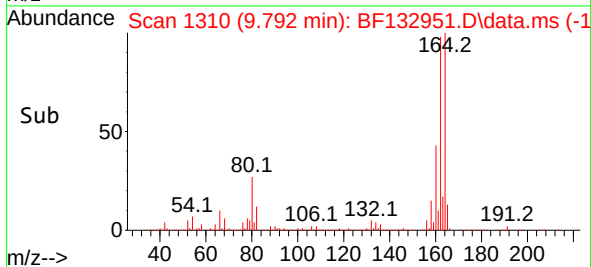
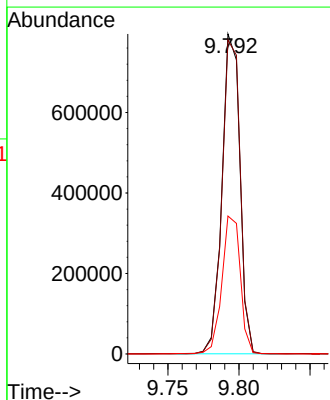
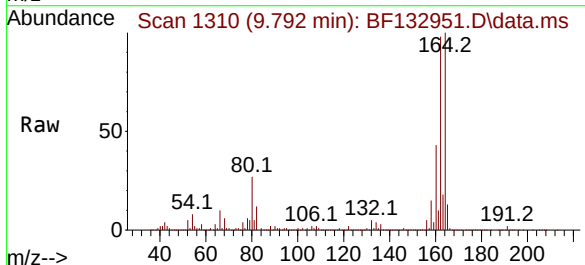
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04

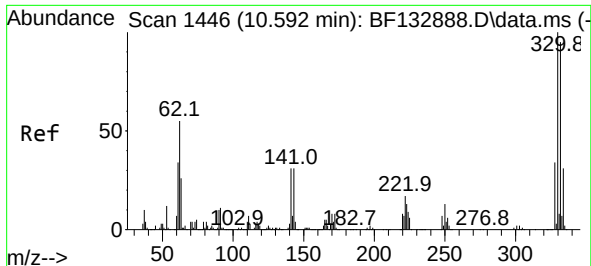
Tgt Ion:128 Resp: 238142
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.0
127 12.7 11.0 16.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF132951.D
Acq: 20 Apr 2023 22:38

Tgt Ion:164 Resp: 696642
Ion Ratio Lower Upper
164 100
162 98.1 79.1 118.7
160 43.1 35.6 53.4

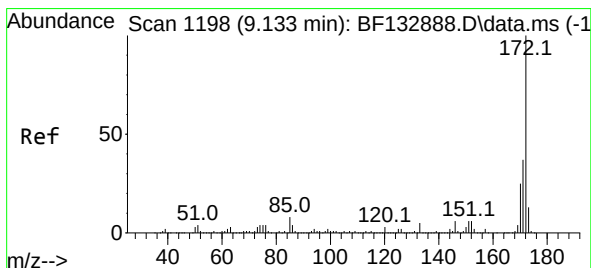
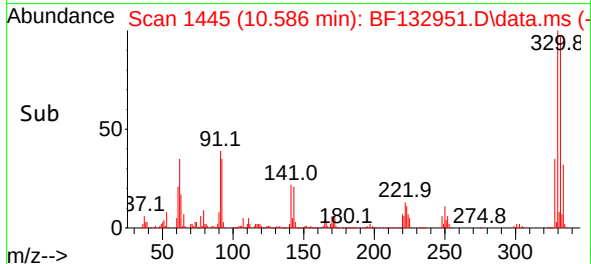
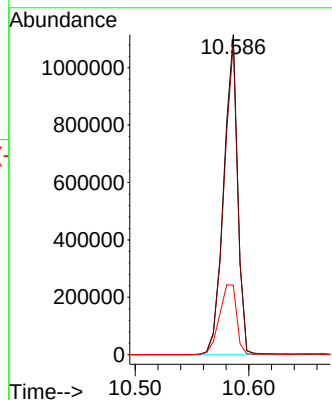
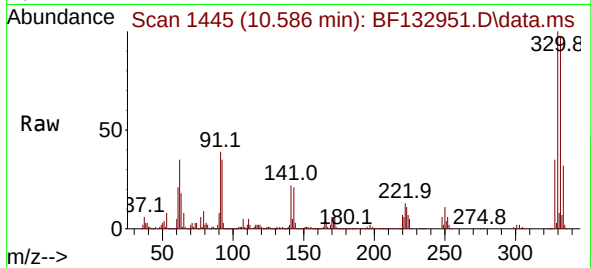




#42
2,4,6-Tribromophenol
Concen: 136.559 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF132951.D
Acq: 20 Apr 2023 22:38

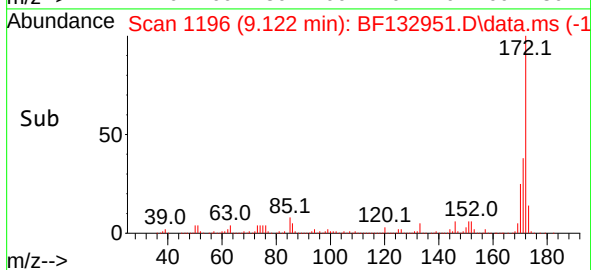
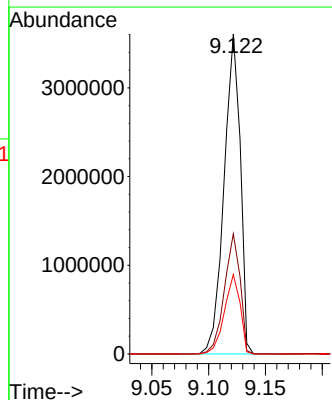
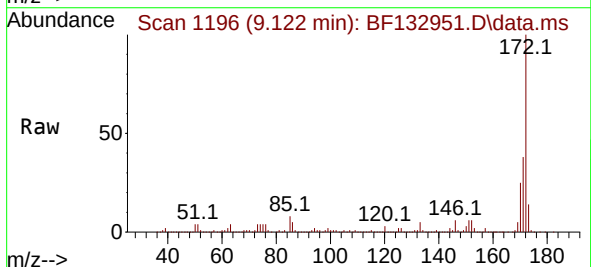
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04

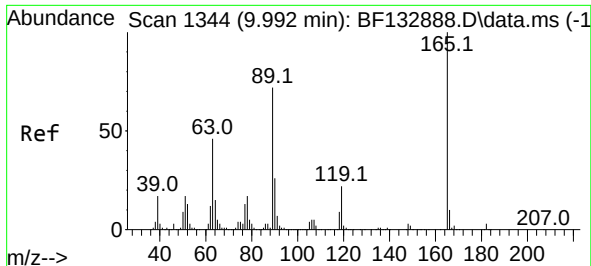
Tgt Ion:330 Resp: 954185
Ion Ratio Lower Upper
330 100
332 97.6 76.3 114.5
141 27.0 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 78.954 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF132951.D
Acq: 20 Apr 2023 22:38

Tgt Ion:172 Resp: 3580383
Ion Ratio Lower Upper
172 100
171 37.5 29.4 44.0
170 24.9 20.1 30.1





#57

2,4-Dinitrotoluene

Concen: 7.154 ng

RT: 9.792 min Scan# 1

Delta R.T. -0.194 min

Lab File: BF132951.D

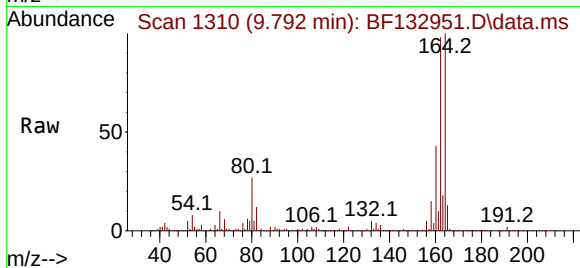
Acq: 20 Apr 2023 22:38

Instrument :

BNA_F

ClientSampleId :

SPA-1WC-23-04



Tgt Ion:165 Resp: 93239

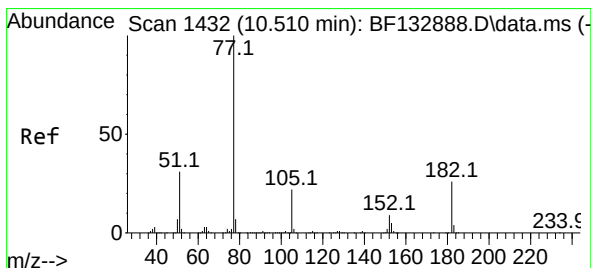
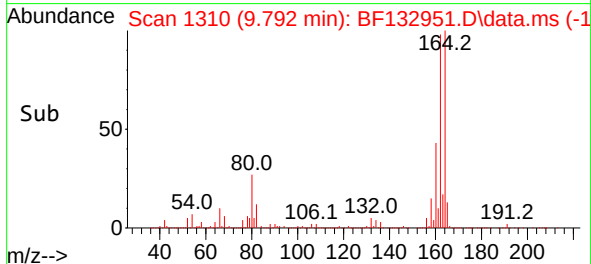
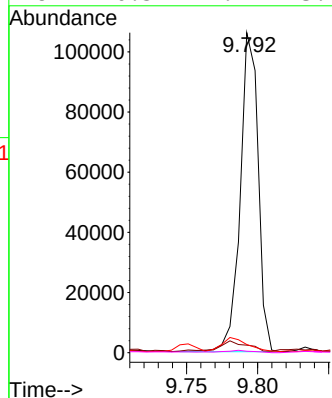
Ion Ratio Lower Upper

165 100

63 2.3 37.0 55.6#

89 2.6 57.8 86.6#

182 0.5 2.4 3.6#



#63

Azobenzene

Concen: 2.980 ng

RT: 10.510 min Scan# 1432

Delta R.T. 0.012 min

Lab File: BF132951.D

Acq: 20 Apr 2023 22:38

Tgt Ion: 77 Resp: 149809

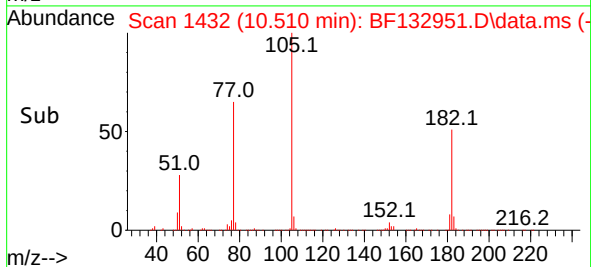
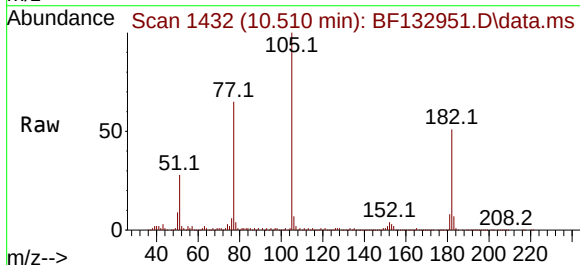
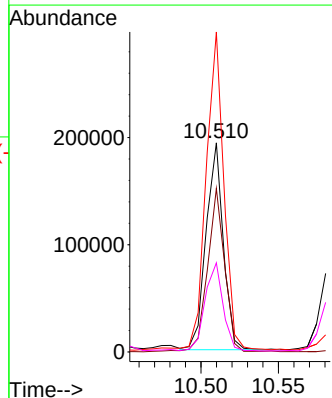
Ion Ratio Lower Upper

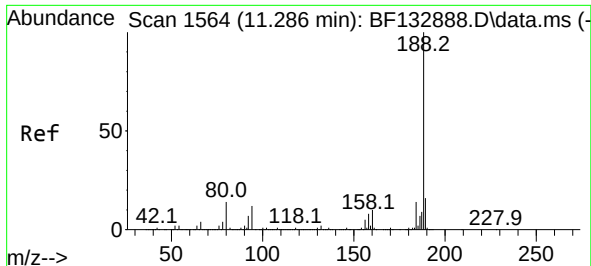
77 100

182 78.2 6.0 46.0#

105 153.0 1.6 41.6#

51 42.6 11.6 51.6

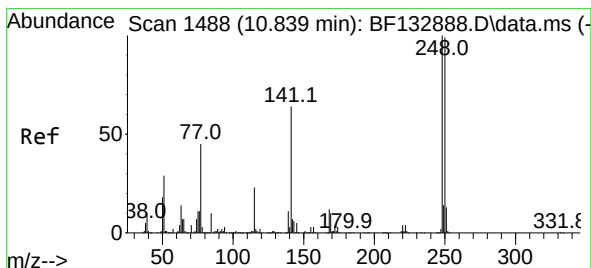
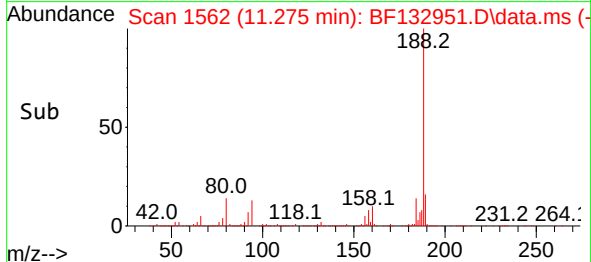
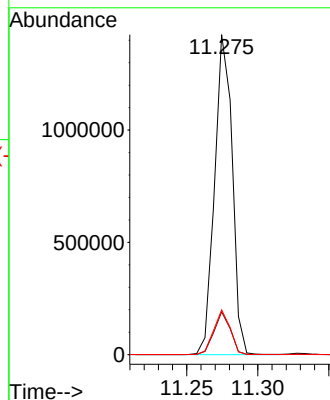
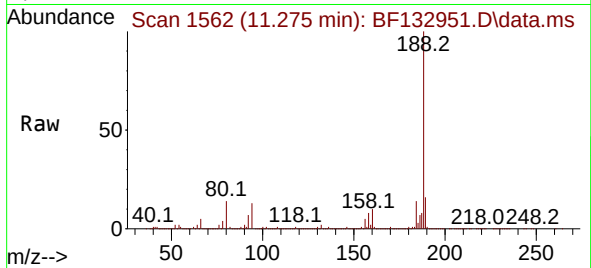




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.275 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132951.D
Acq: 20 Apr 2023 22:38

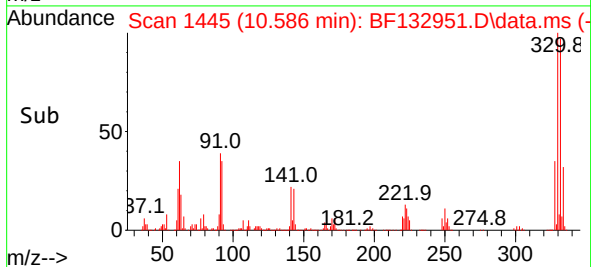
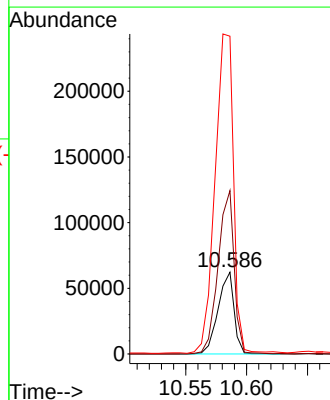
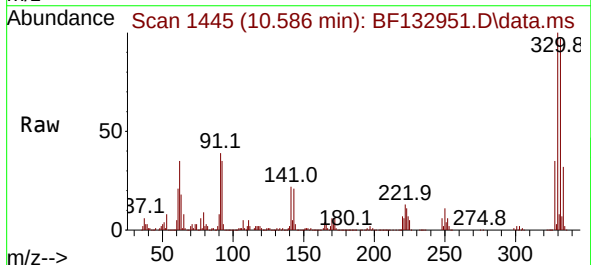
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04

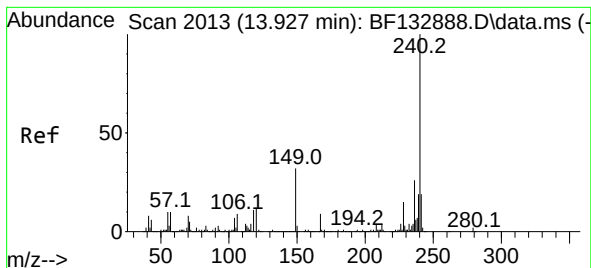
Tgt Ion:188 Resp: 1225010
Ion Ratio Lower Upper
188 100
94 13.3 9.9 14.9
80 14.0 10.8 16.2



#67
4-Bromophenyl-phenylether
Concen: 4.075 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.241 min
Lab File: BF132951.D
Acq: 20 Apr 2023 22:38

Tgt Ion:248 Resp: 56999
Ion Ratio Lower Upper
248 100
250 200.0 79.1 118.7#
141 388.9 51.0 76.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.910 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF132951.D

Acq: 20 Apr 2023 22:38

Instrument :

BNA_F

ClientSampleId :

SPA-1WC-23-04

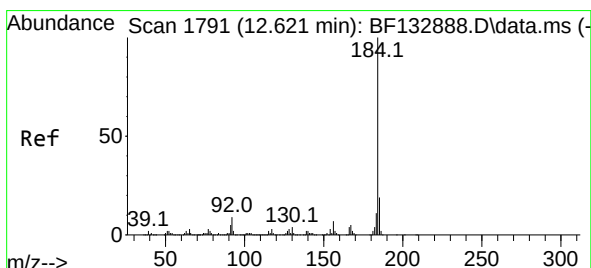
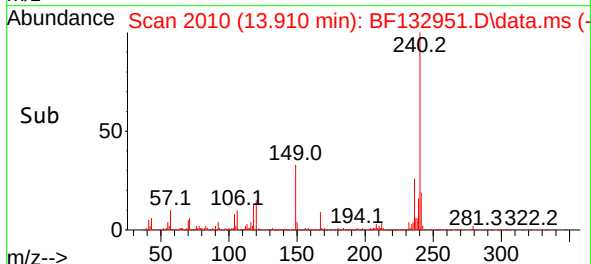
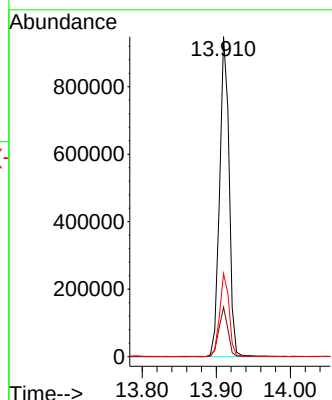
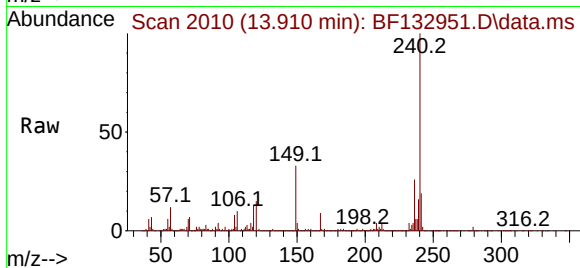
Tgt Ion:240 Resp: 841136

Ion Ratio Lower Upper

240 100

120 15.4 10.0 15.0#

236 26.0 20.8 31.2



#77

Benzidine

Concen: 4.821 ng

RT: 12.610 min Scan# 1789

Delta R.T. 0.000 min

Lab File: BF132951.D

Acq: 20 Apr 2023 22:38

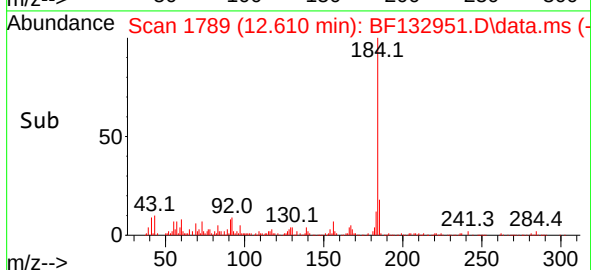
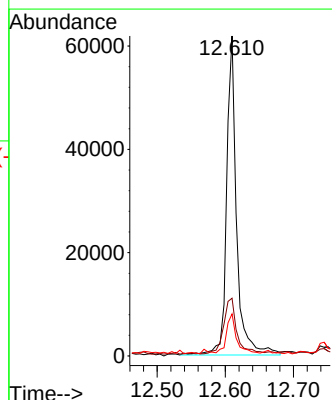
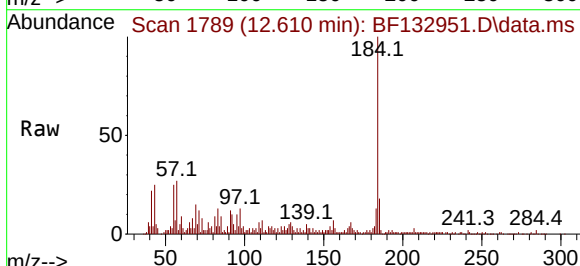
Tgt Ion:184 Resp: 63174

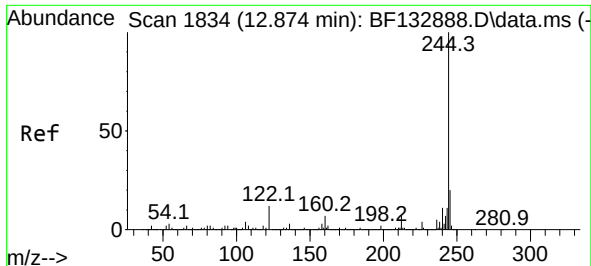
Ion Ratio Lower Upper

184 100

185 18.0 14.9 22.3

183 13.1 9.0 13.6

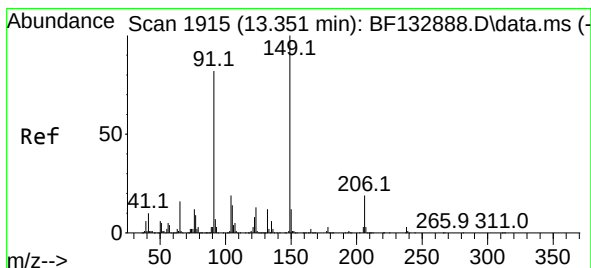
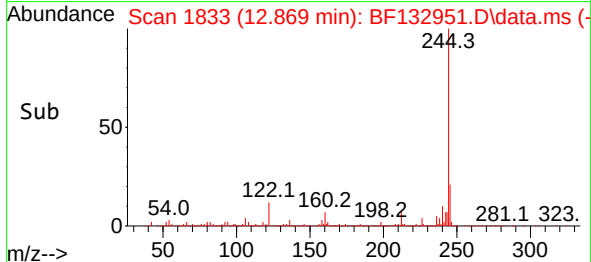
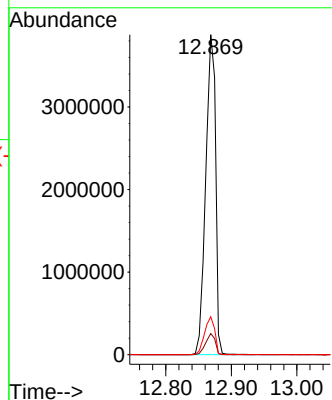
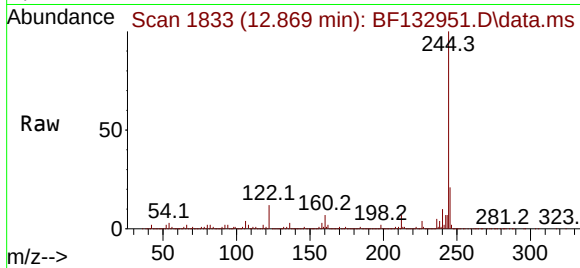




#79
 Terphenyl-d14
 Concen: 82.646 ng
 RT: 12.869 min Scan# 1833
 Delta R.T. 0.000 min
 Lab File: BF132951.D
 Acq: 20 Apr 2023 22:38

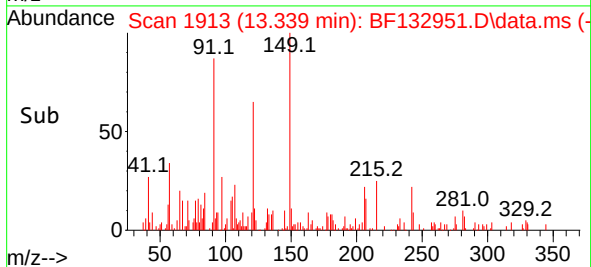
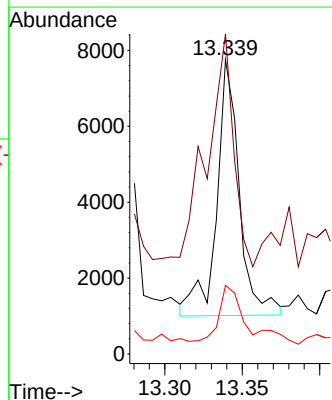
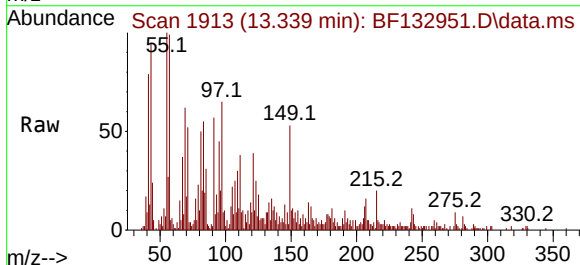
Instrument :
 BNA_F
 ClientSampleId :
 SPA-1WC-23-04

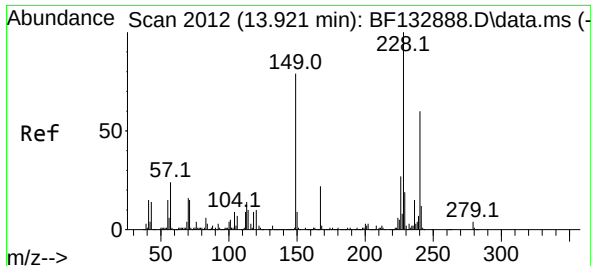
Tgt Ion:244 Resp: 4074629
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 11.8 9.6 14.4



#80
 Butylbenzylphthalate
 Concen: 5.504 ng
 RT: 13.339 min Scan# 1913
 Delta R.T. -0.006 min
 Lab File: BF132951.D
 Acq: 20 Apr 2023 22:38

Tgt Ion:149 Resp: 6870
 Ion Ratio Lower Upper
 149 100
 91 108.8 65.4 98.0#
 206 23.3 15.6 23.4

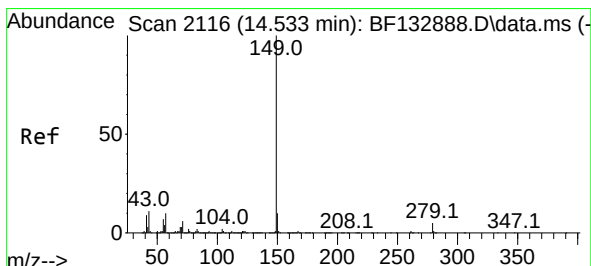
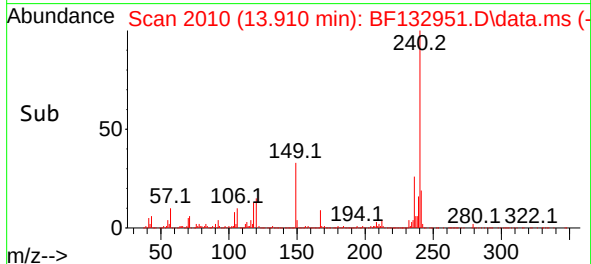
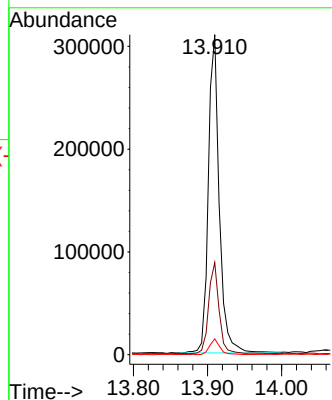
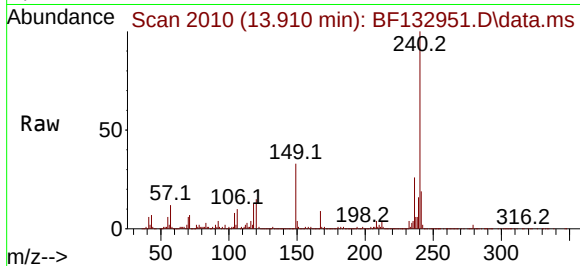




#84
Bis(2-ethylhexyl)phthalate
Concen: 14.644 ng
RT: 13.910 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF132951.D
Acq: 20 Apr 2023 22:38

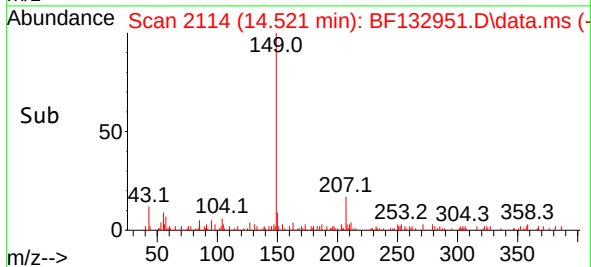
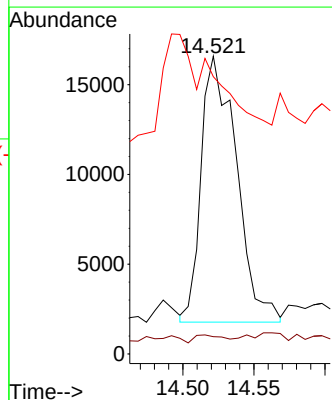
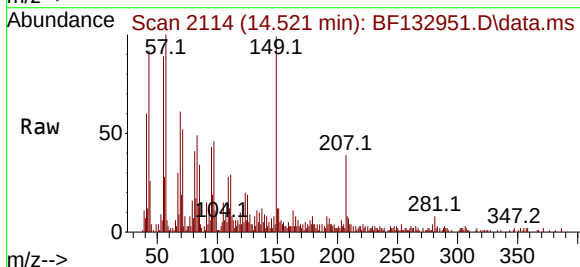
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04

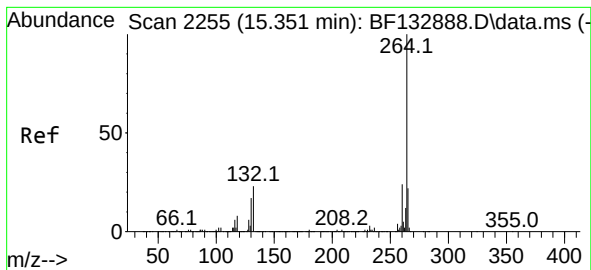
Tgt Ion:149 Resp: 318587
Ion Ratio Lower Upper
149 100
167 28.8 22.2 33.4
279 4.9 4.2 6.2



#85
Di-n-octyl phthalate
Concen: 6.852 ng
RT: 14.521 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BF132951.D
Acq: 20 Apr 2023 22:38

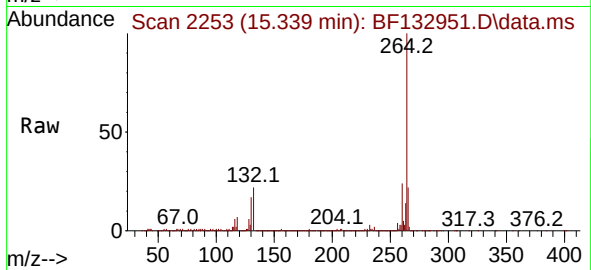
Tgt Ion:149 Resp: 25575
Ion Ratio Lower Upper
149 100
167 2.4 1.2 1.8#
43 0.0 11.5 17.3#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.339 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF132951.D
Acq: 20 Apr 2023 22:38

Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04



Tgt Ion:264 Resp: 720044
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.6
265 21.6 17.7 26.5

