

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042023\
 Data File : BF132942.D
 Acq On : 20 Apr 2023 17:57
 Operator : CG\JU
 Sample : PB152222TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152222TB

Quant Time: Apr 21 02:15:27 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)

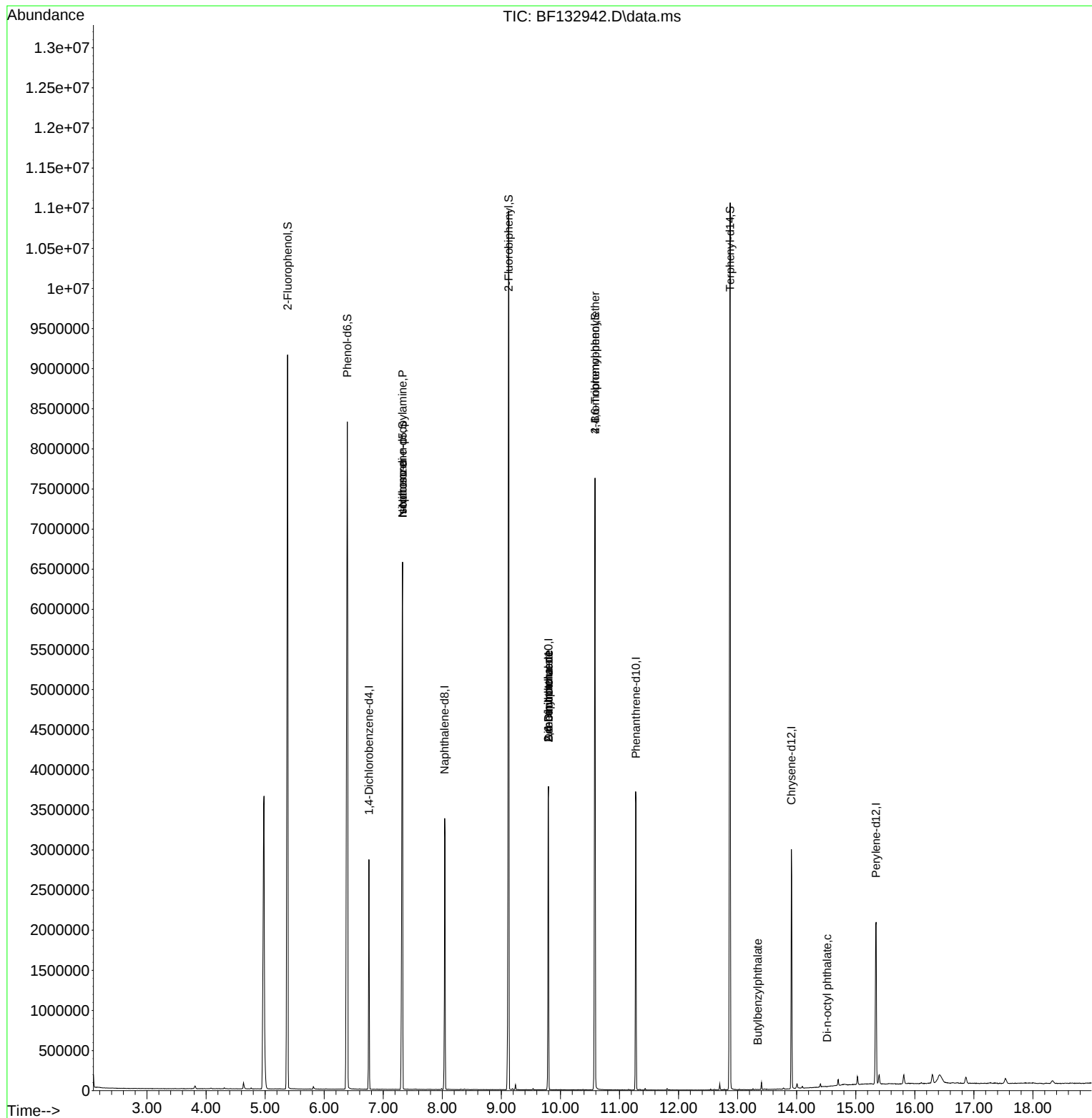
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	357116	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	1449801	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	753806	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	1360327	20.000	ng	0.00
76) Chrysene-d12	13.910	240	961297	20.000	ng	# 0.00
86) Perylene-d12	15.345	264	859739	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	3030039	132.673	ng	0.02
7) Phenol-d6	6.392	99	3842689	131.858	ng	0.00
23) Nitrobenzene-d5	7.328	82	2403200	86.402	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	1059849	140.178	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	3761917	76.666	ng	0.00
79) Terphenyl-d14	12.874	244	4392763	77.961	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.328	70	324174	17.821	ng	# 80
25) Isophorone	7.328	82	2397703	45.447	ng	# 65
50) Dimethylphthalate	9.798	163	158692	3.045	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	98787	8.646	ng	# 28
57) 2,4-Dinitrotoluene	9.798	165	98787	7.005	ng	# 23
67) 4-Bromophenyl-phenylether	10.586	248	63591	4.094	ng	# 1
80) Butylbenzylphthalate	13.339	149	280	5.147	ng	# 77
85) Di-n-octyl phthalate	14.515	149	1376	6.405	ng	# 1

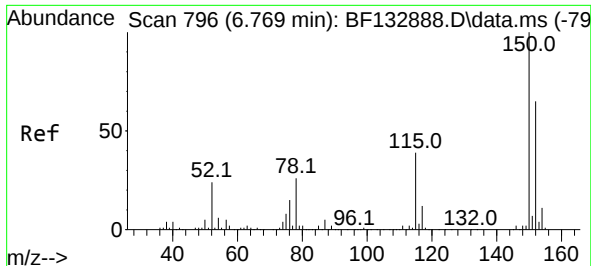
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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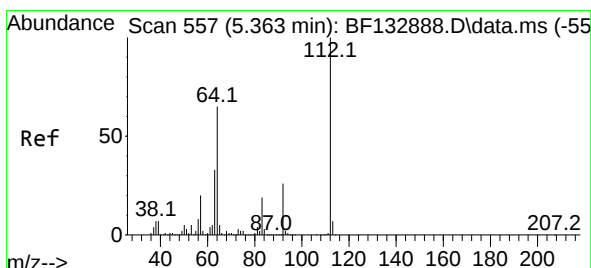
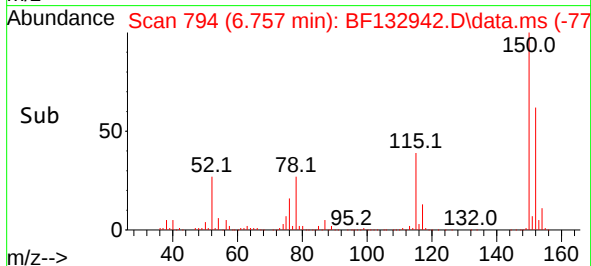
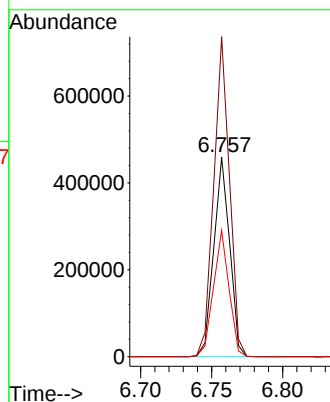
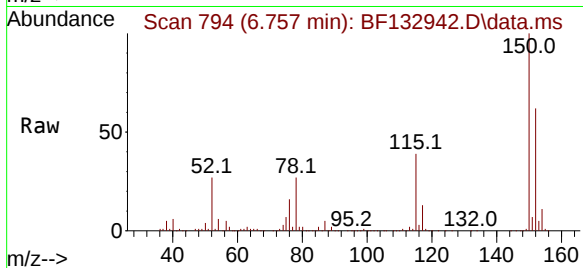




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF132942.D
Acq: 20 Apr 2023 17:57

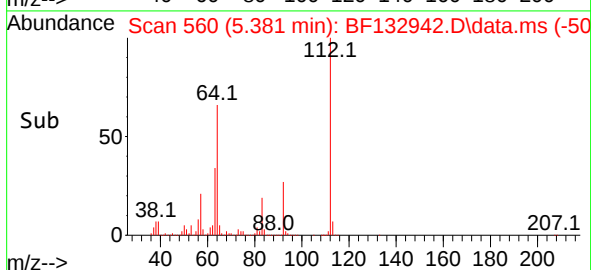
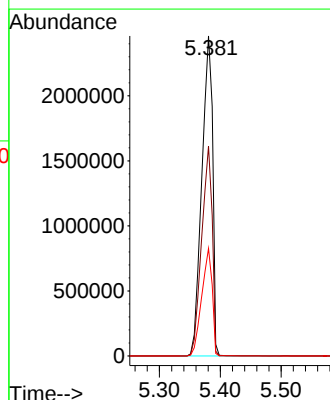
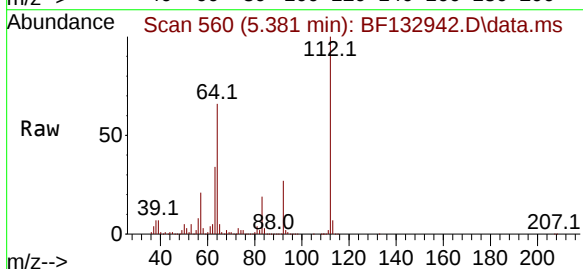
Instrument :
BNA_F
ClientSampleId :
PB152222TB

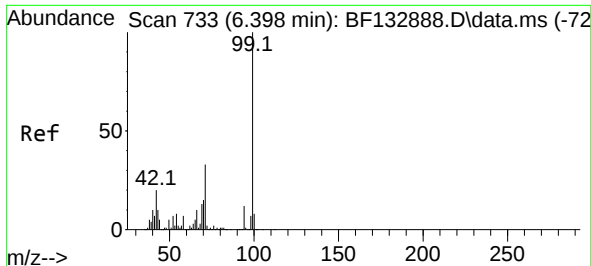
Tgt Ion:152 Resp: 357116
Ion Ratio Lower Upper
152 100
150 160.3 122.8 184.2
115 63.2 47.3 70.9



#5
2-Fluorophenol
Concen: 132.673 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.023 min
Lab File: BF132942.D
Acq: 20 Apr 2023 17:57

Tgt Ion:112 Resp: 3030039
Ion Ratio Lower Upper
112 100
64 65.6 51.8 77.8
63 33.6 26.3 39.5

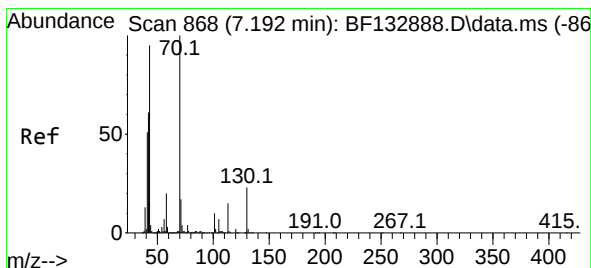
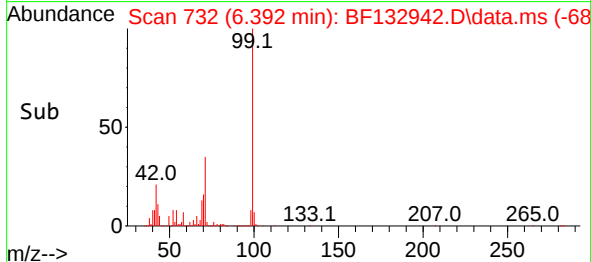
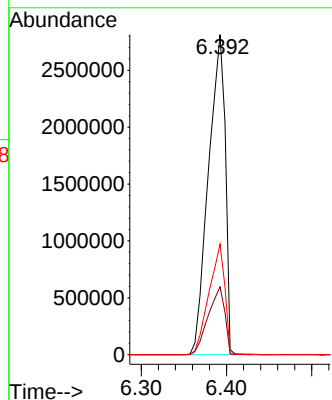
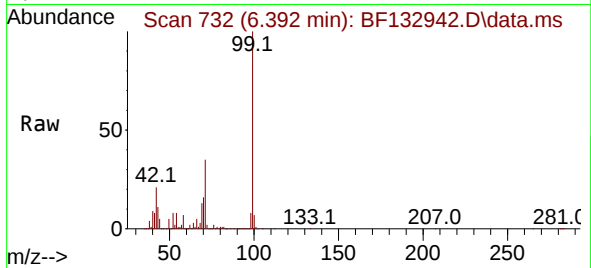




#7
Phenol-d6
Concen: 131.858 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132942.D
Acq: 20 Apr 2023 17:57

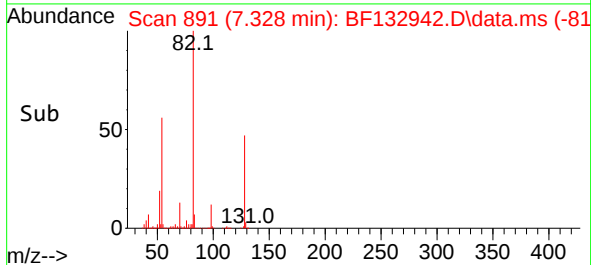
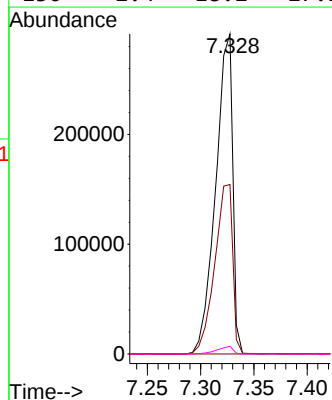
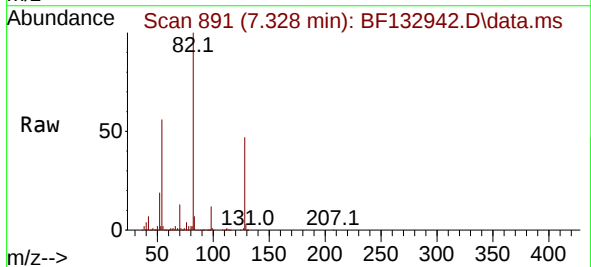
Instrument :
BNA_F
ClientSampleId :
PB152222TB

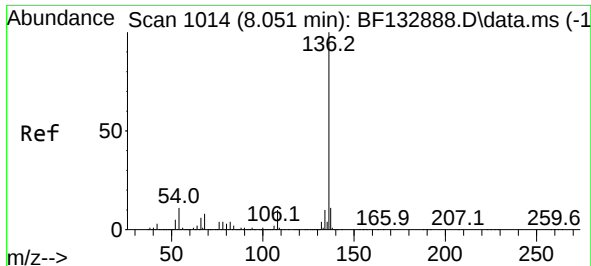
Tgt Ion: 99 Resp: 3842689
Ion Ratio Lower Upper
99 100
42 21.2 16.1 24.1
71 34.5 26.1 39.1



#19
n-Nitroso-di-n-propylamine
Concen: 17.821 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.147 min
Lab File: BF132942.D
Acq: 20 Apr 2023 17:57

Tgt Ion: 70 Resp: 324174
Ion Ratio Lower Upper
70 100
42 53.0 49.0 73.6
101 0.0 8.1 12.1#
130 2.4 18.2 27.2#



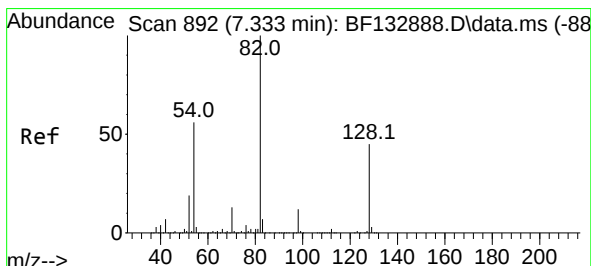
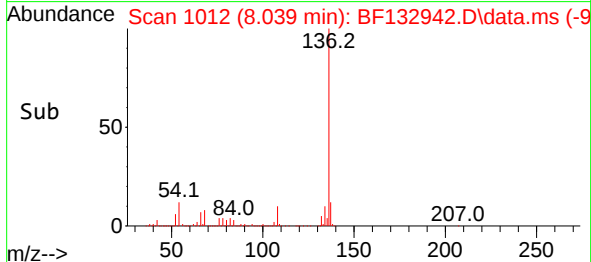
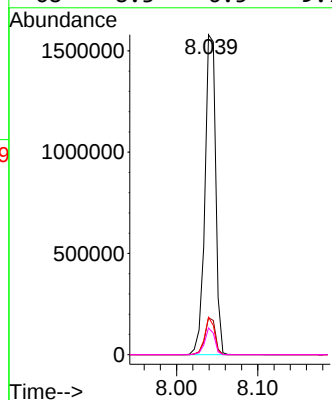
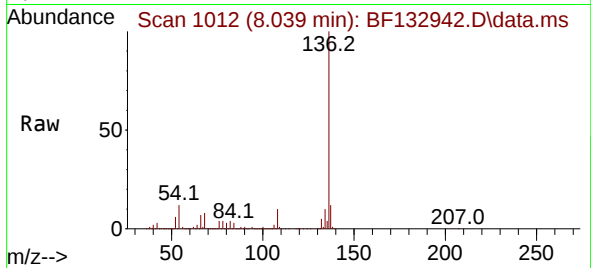


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF132942.D
Acq: 20 Apr 2023 17:57

Instrument :
BNA_F
ClientSampleId :
PB152222TB

Tgt Ion:136 Resp: 1449801

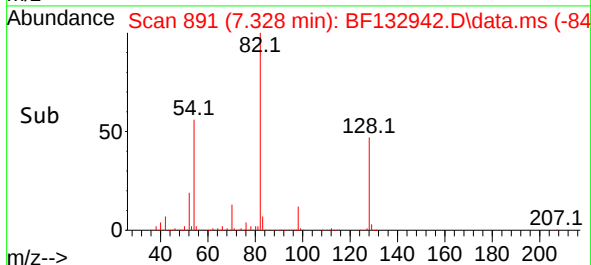
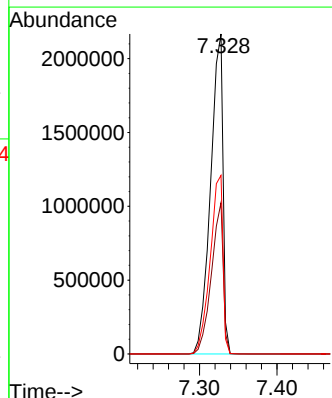
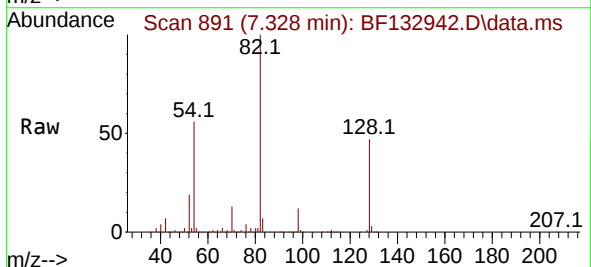
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	11.7	8.9	13.3
68	8.3	6.5	9.7

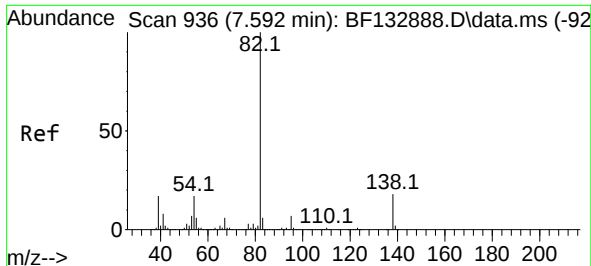


#23
Nitrobenzene-d5
Concen: 86.402 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF132942.D
Acq: 20 Apr 2023 17:57

Tgt Ion: 82 Resp: 2403200

Ion	Ratio	Lower	Upper
82	100		
128	47.3	35.7	53.5
54	55.8	44.7	67.1

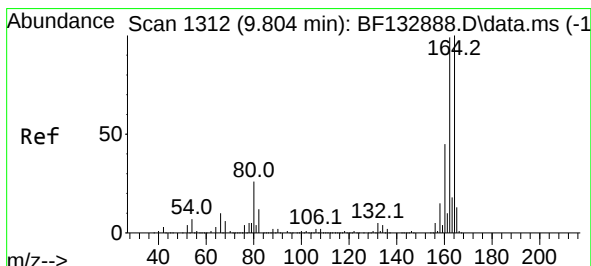
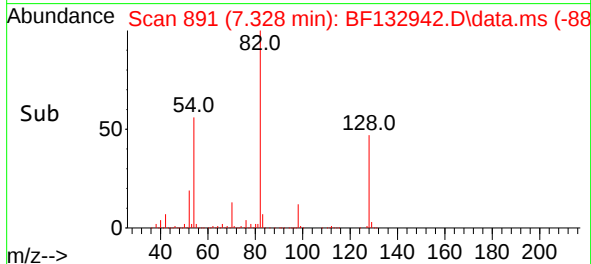
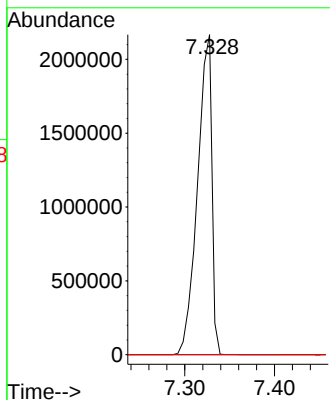
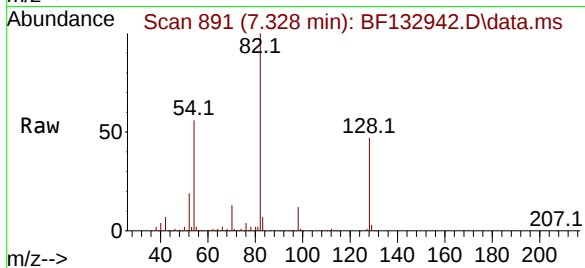




#25
Isophorone
Concen: 45.447 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.259 min
Lab File: BF132942.D
Acq: 20 Apr 2023 17:57

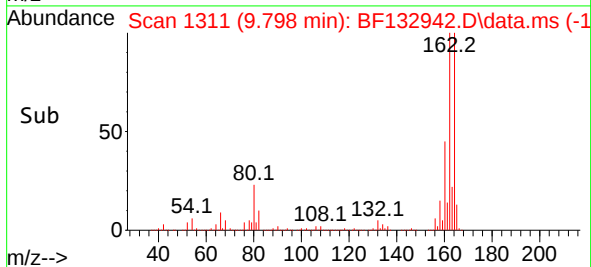
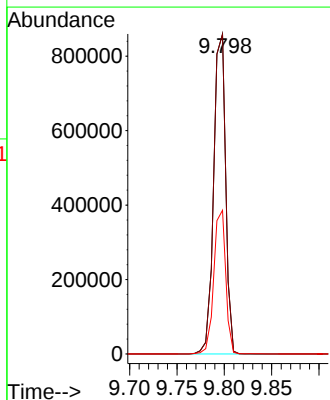
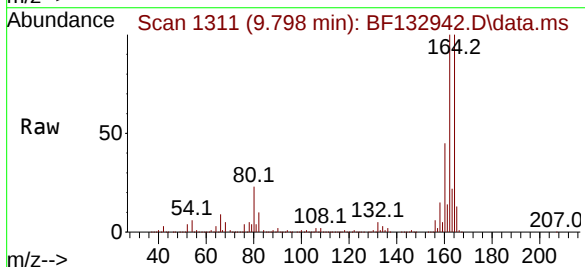
Instrument :
BNA_F
ClientSampleId :
PB152222TB

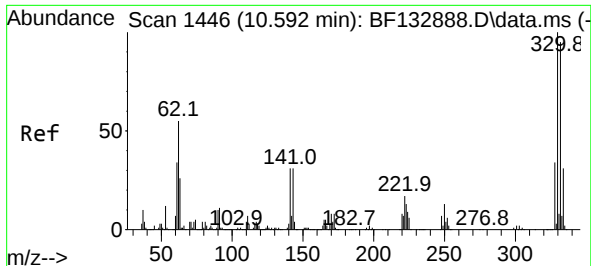
Tgt Ion: 82 Resp: 2397703
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BF132942.D
Acq: 20 Apr 2023 17:57

Tgt Ion:164 Resp: 753806
Ion Ratio Lower Upper
164 100
162 99.9 79.1 118.7
160 44.9 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 140.178 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.000 min

Lab File: BF132942.D

Acq: 20 Apr 2023 17:57

Instrument :

BNA_F

ClientSampleId :

PB152222TB

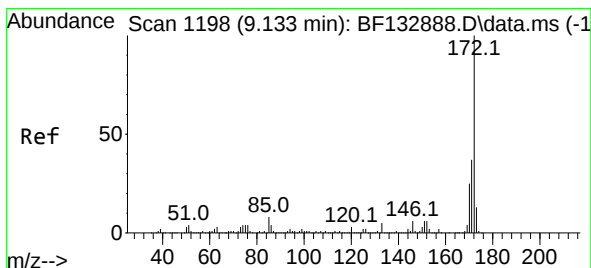
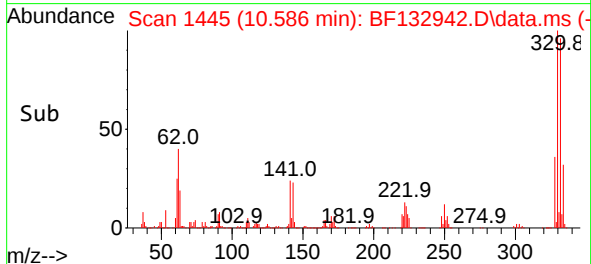
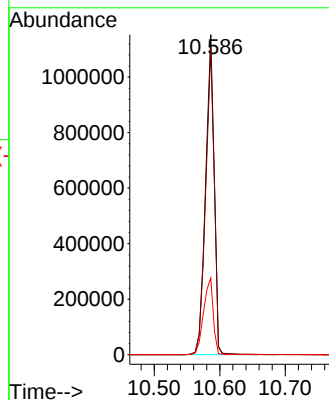
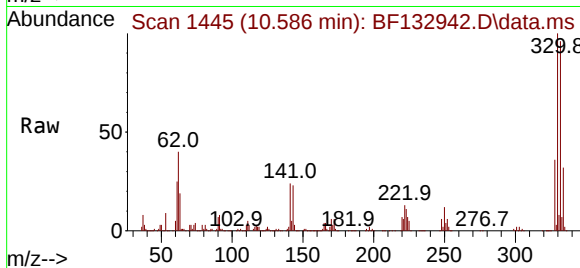
Tgt Ion:330 Resp: 1059849

Ion Ratio Lower Upper

330 100

332 95.6 76.3 114.5

141 26.7 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 76.666 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF132942.D

Acq: 20 Apr 2023 17:57

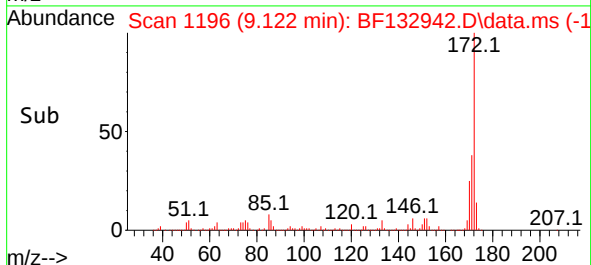
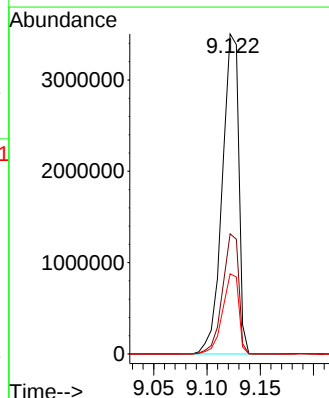
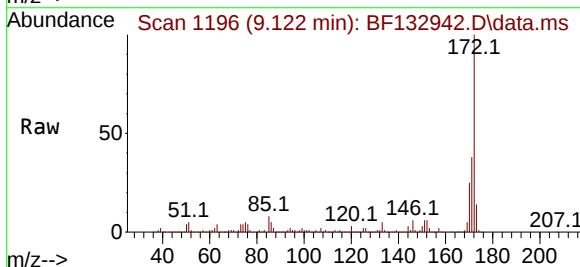
Tgt Ion:172 Resp: 3761917

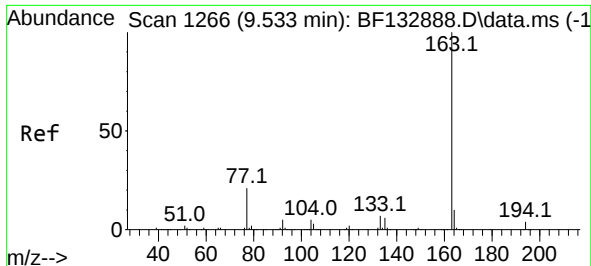
Ion Ratio Lower Upper

172 100

171 37.6 29.4 44.0

170 25.0 20.1 30.1

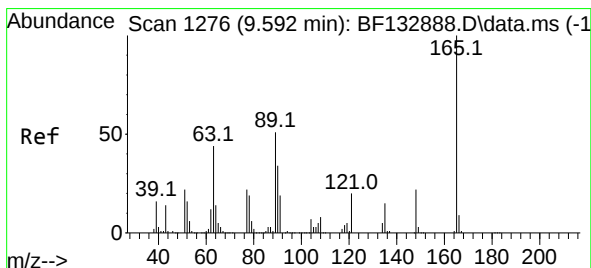
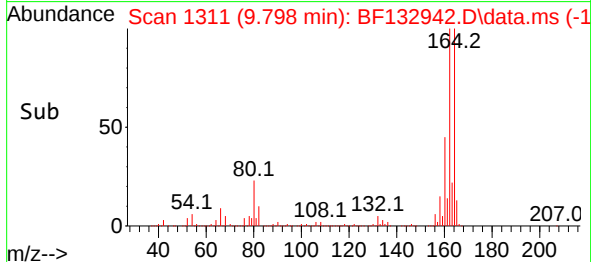
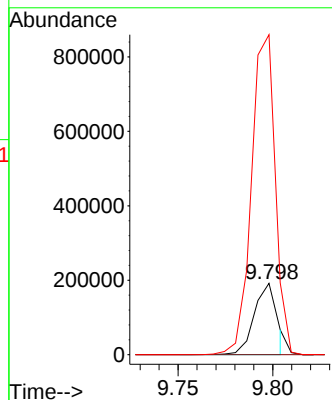
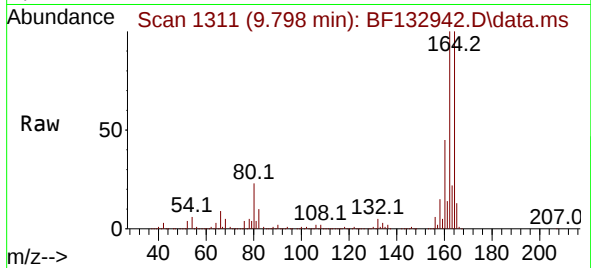




#50
Dimethylphthalate
Concen: 3.045 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.270 min
Lab File: BF132942.D
Acq: 20 Apr 2023 17:57

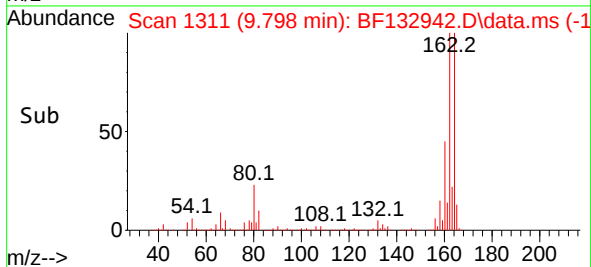
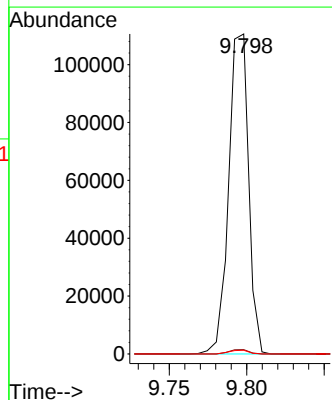
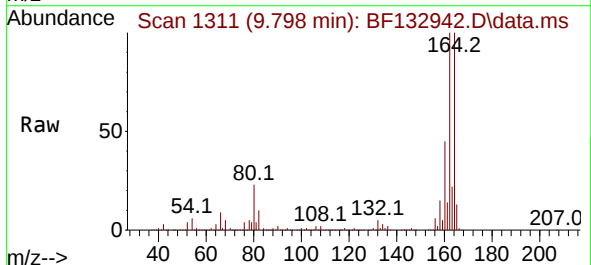
Instrument :
BNA_F
ClientSampleId :
PB152222TB

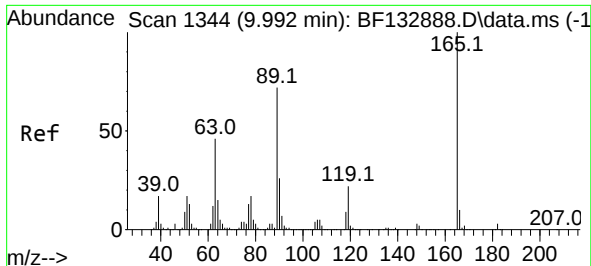
Tgt Ion:163 Resp: 158692
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.0#
164 448.7 8.3 12.5#



#51
2,6-Dinitrotoluene
Concen: 8.646 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.218 min
Lab File: BF132942.D
Acq: 20 Apr 2023 17:57

Tgt Ion:165 Resp: 98787
Ion Ratio Lower Upper
165 100
63 1.3 42.6 63.8#
89 1.2 41.0 61.4#

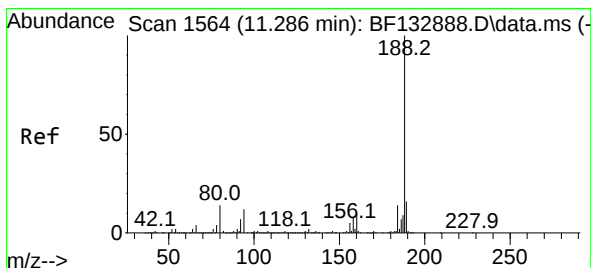
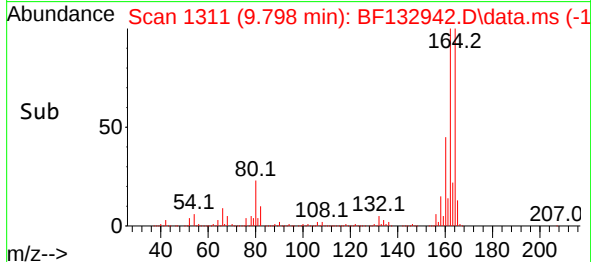
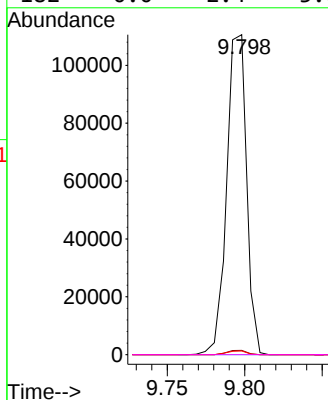
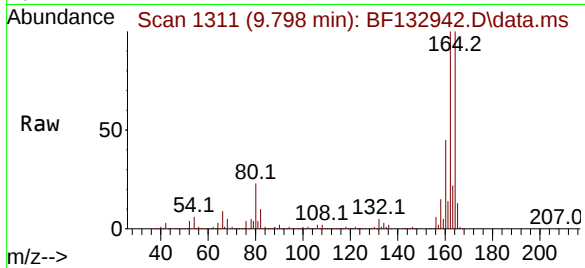




#57
2,4-Dinitrotoluene
Concen: 7.005 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF132942.D
Acq: 20 Apr 2023 17:57

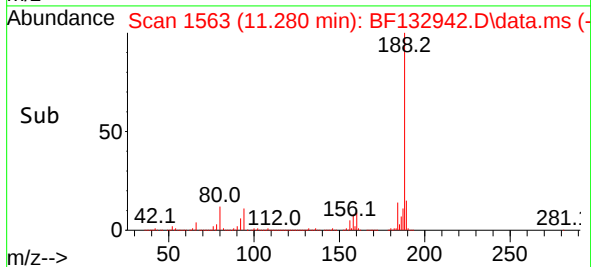
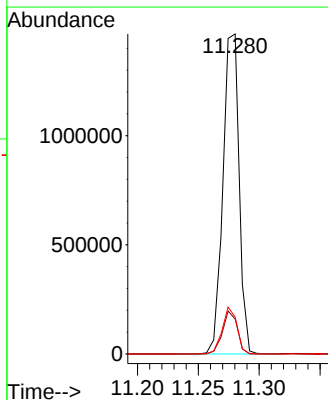
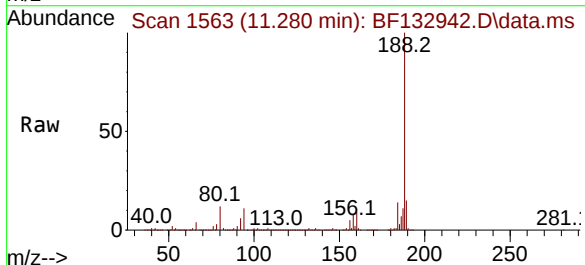
Instrument :
BNA_F
ClientSampleId :
PB152222TB

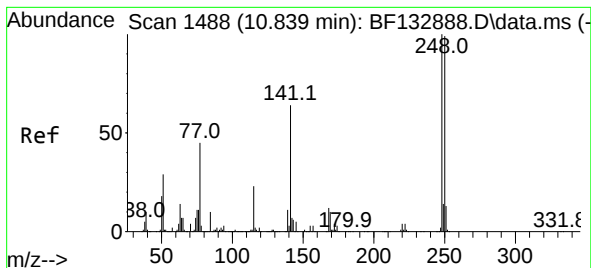
Tgt Ion:165 Resp: 98787
Ion Ratio Lower Upper
165 100
63 1.3 37.0 55.6#
89 1.2 57.8 86.6#
182 0.0 2.4 3.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 1563
Delta R.T. -0.000 min
Lab File: BF132942.D
Acq: 20 Apr 2023 17:57

Tgt Ion:188 Resp: 1360327
Ion Ratio Lower Upper
188 100
94 10.9 9.9 14.9
80 11.5 10.8 16.2

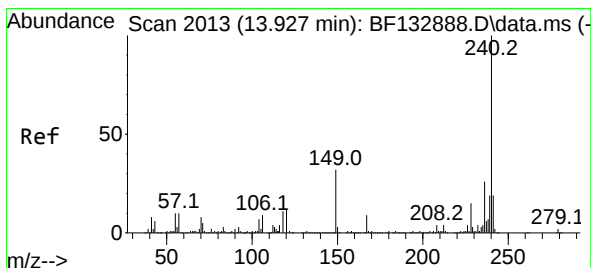
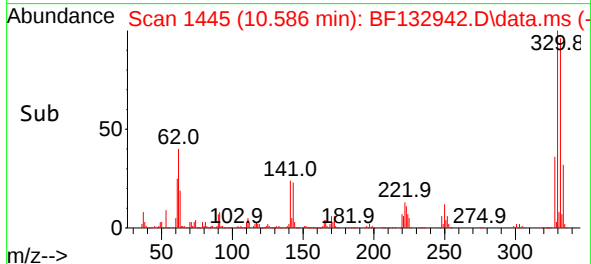
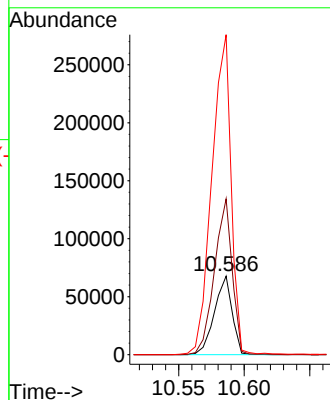
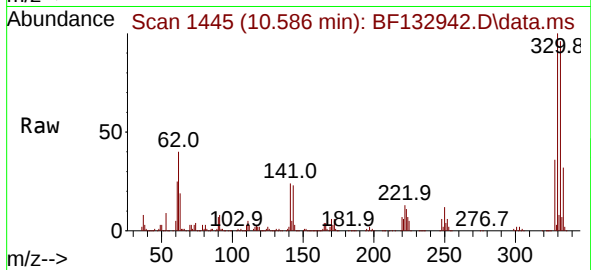




#67
4-Bromophenyl-phenylether
Concen: 4.094 ng
RT: 10.586 min Scan# 1488
Delta R.T. -0.241 min
Lab File: BF132942.D
Acq: 20 Apr 2023 17:57

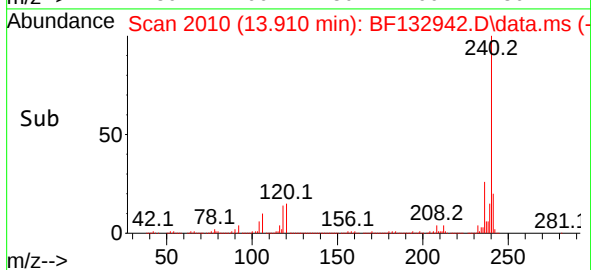
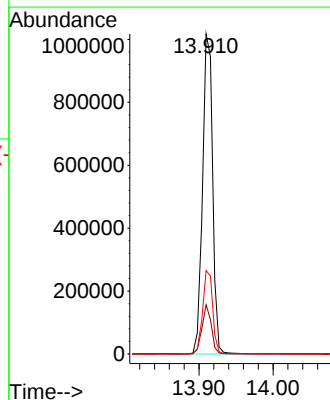
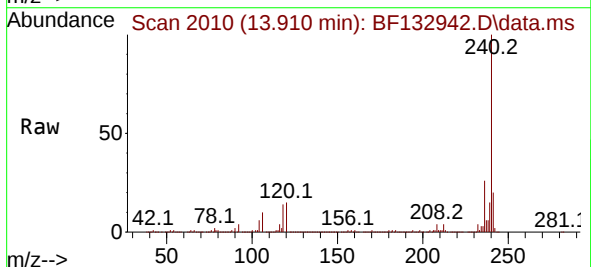
Instrument :
BNA_F
ClientSampleId :
PB152222TB

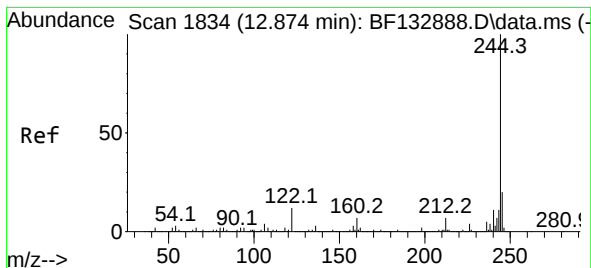
Tgt Ion:248 Resp: 63591
Ion Ratio Lower Upper
248 100
250 198.3 79.1 118.7#
141 407.4 51.0 76.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.910 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF132942.D
Acq: 20 Apr 2023 17:57

Tgt Ion:240 Resp: 961297
Ion Ratio Lower Upper
240 100
120 15.3 10.0 15.0#
236 26.1 20.8 31.2





#79

Terphenyl-d14

Concen: 77.961 ng

RT: 12.874 min Scan# 1834

Delta R.T. 0.006 min

Lab File: BF132942.D

Acq: 20 Apr 2023 17:57

Instrument :

BNA_F

ClientSampleId :

PB152222TB

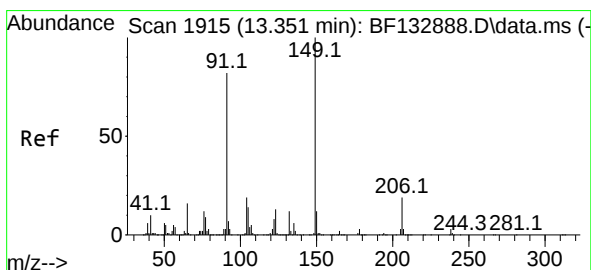
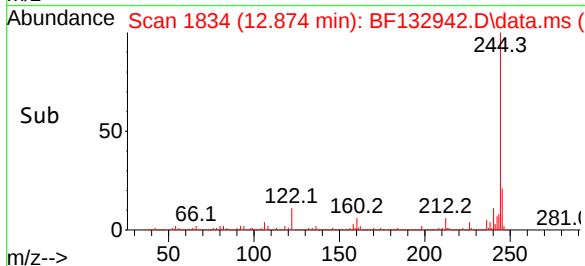
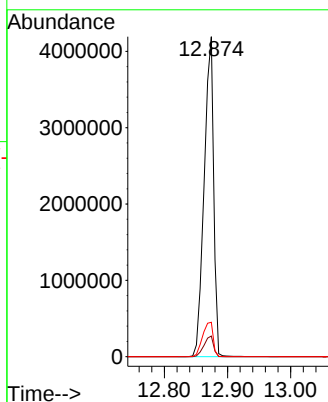
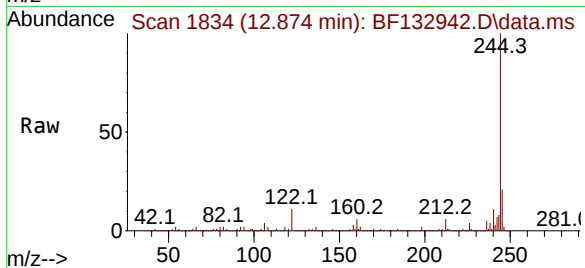
Tgt Ion:244 Resp: 4392763

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

122 10.8 9.6 14.4



#80

Butylbenzylphthalate

Concen: 5.147 ng

RT: 13.339 min Scan# 1913

Delta R.T. -0.006 min

Lab File: BF132942.D

Acq: 20 Apr 2023 17:57

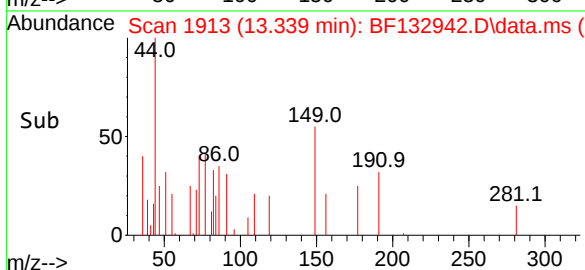
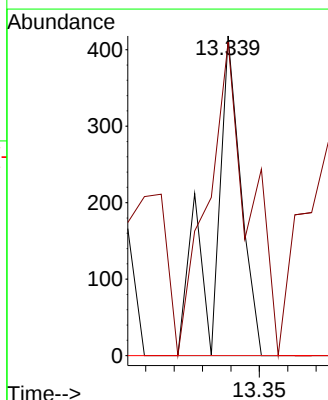
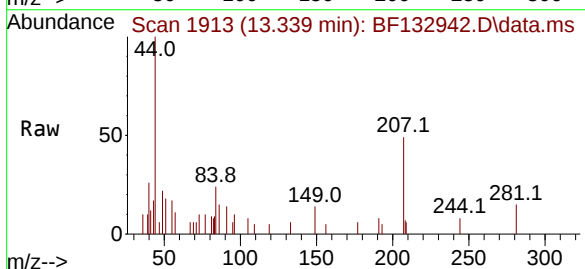
Tgt Ion:149 Resp: 280

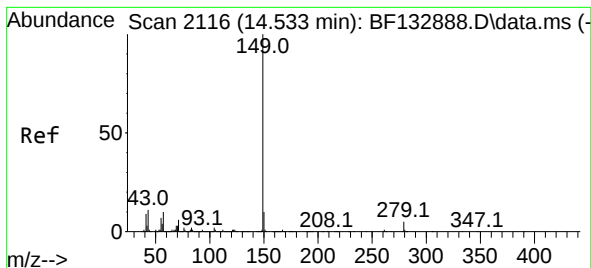
Ion Ratio Lower Upper

149 100

91 98.1 65.4 98.0#

206 0.0 15.6 23.4#





#85

Di-n-octyl phthalate

Concen: 6.405 ng

RT: 14.515 min Scan# 2116

Delta R.T. -0.006 min

Lab File: BF132942.D

Acq: 20 Apr 2023 17:57

Instrument :

BNA_F

ClientSampleId :

PB152222TB

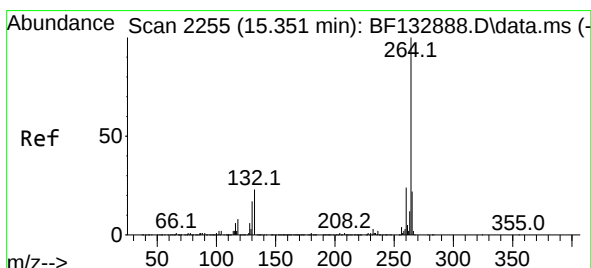
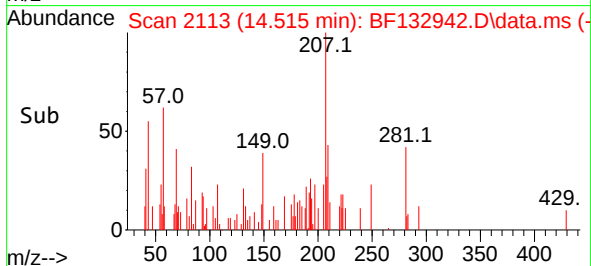
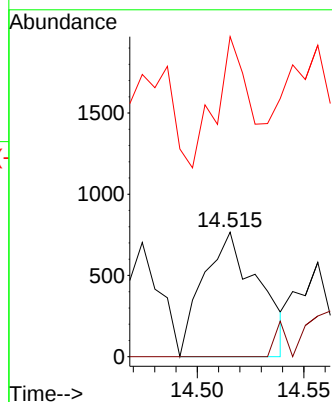
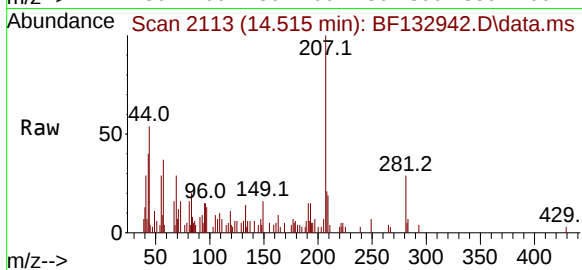
Tgt Ion:149 Resp: 1376

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 59.4 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: BF132942.D

Acq: 20 Apr 2023 17:57

Tgt Ion:264 Resp: 859739

Ion Ratio Lower Upper

264 100

260 24.8 19.0 28.6

265 22.0 17.7 26.5

