

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041923\
 Data File : BF132922.D
 Acq On : 19 Apr 2023 20:40
 Operator : CG\JU
 Sample : 02366-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20230330-COMP-8

Quant Time: Apr 20 01:50:29 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)

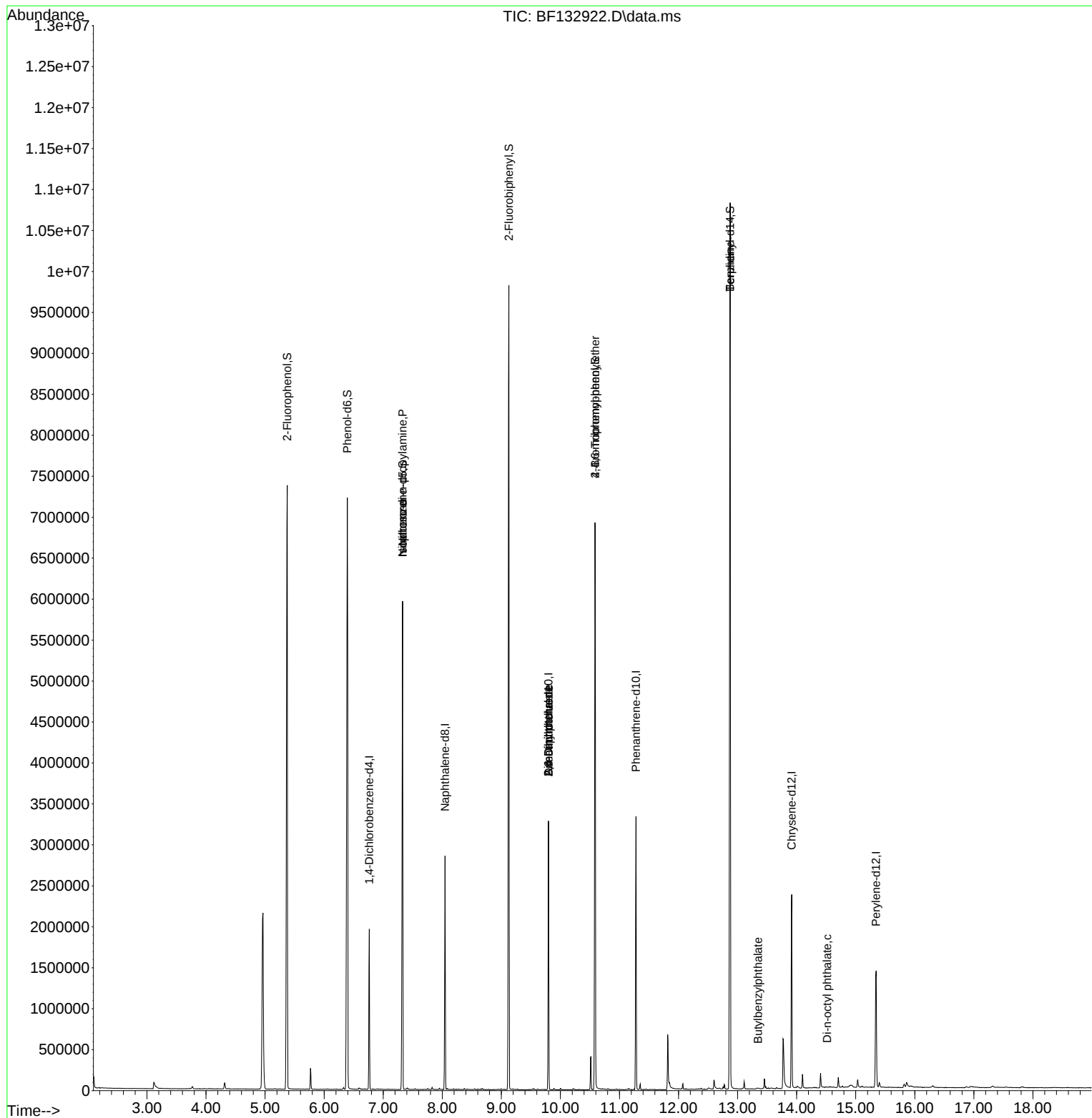
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	250662	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	1019159	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	548032	20.000	ng	0.00
64) Phenanthrene-d10	11.281	188	1080428	20.000	ng	0.00
76) Chrysene-d12	13.916	240	749821	20.000	ng	-0.01
86) Perylene-d12	15.345	264	606052	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2342629	146.137	ng	0.01
7) Phenol-d6	6.393	99	3069935	150.080	ng	0.00
23) Nitrobenzene-d5	7.328	82	1830694	93.631	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	972736	176.964	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	2985913	83.700	ng	0.00
79) Terphenyl-d14	12.875	244	4154954	94.538	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.328	70	245638	19.239	ng	# 80
25) Isophorone	7.328	82	1828566	49.305	ng	# 65
50) Dimethylphthalate	9.798	163	109887	2.900	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	69759	8.397	ng	# 28
57) 2,4-Dinitrotoluene	9.798	165	69759	6.804	ng	# 24
67) 4-Bromophenyl-phenylether	10.586	248	56293	4.563	ng	# 1
77) Benzidine	12.875	184	47732	4.087	ng	# 93
80) Butylbenzylphthalate	13.345	149	662	5.174	ng	# 89
85) Di-n-octyl phthalate	14.516	149	414	6.392	ng	# 1

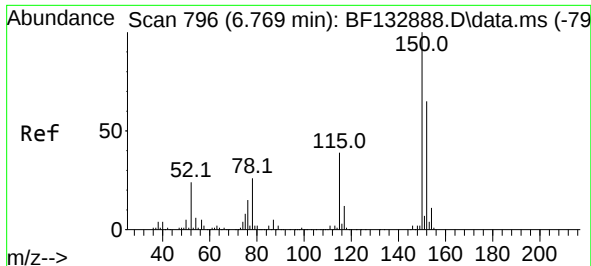
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041923\
Data File : BF132922.D
Acq On : 19 Apr 2023 20:40
Operator : CG\JU
Sample : 02366-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20230330-COMP-8

Quant Time: Apr 20 01:50:29 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

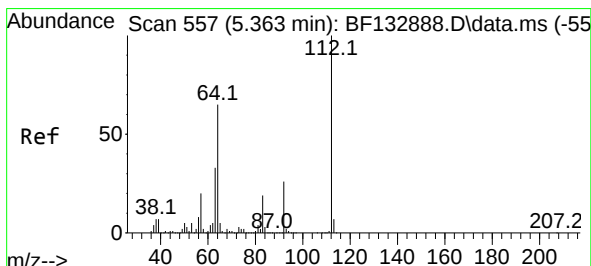
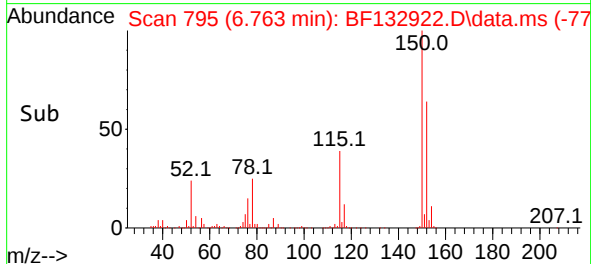
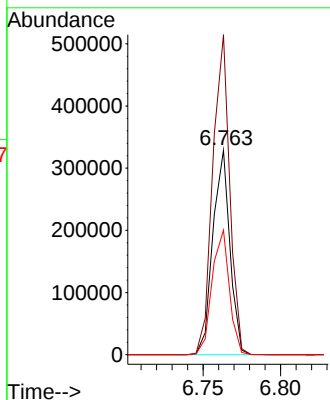
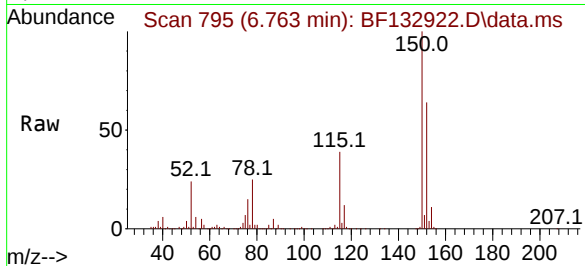




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF132922.D
Acq: 19 Apr 2023 20:40

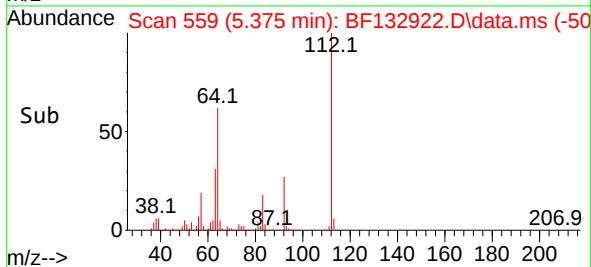
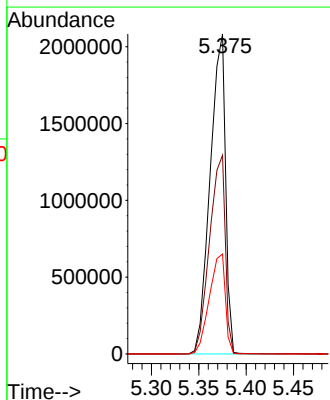
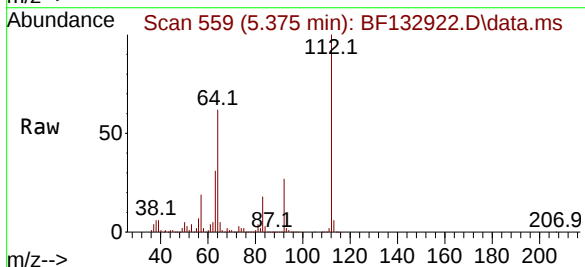
Instrument :
BNA_F
ClientSampleId :
20230330-COMP-8

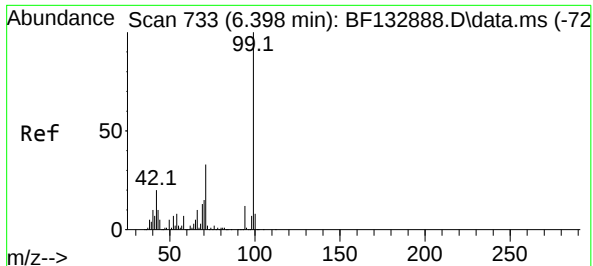
Tgt Ion:152 Resp: 250662
Ion Ratio Lower Upper
152 100
150 156.5 122.8 184.2
115 60.9 47.3 70.9



#5
2-Fluorophenol
Concen: 146.137 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.012 min
Lab File: BF132922.D
Acq: 19 Apr 2023 20:40

Tgt Ion:112 Resp: 2342629
Ion Ratio Lower Upper
112 100
64 62.1 51.8 77.8
63 31.3 26.3 39.5

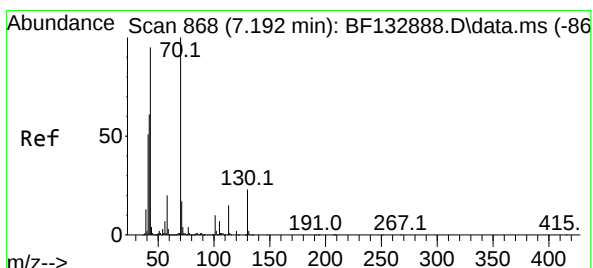
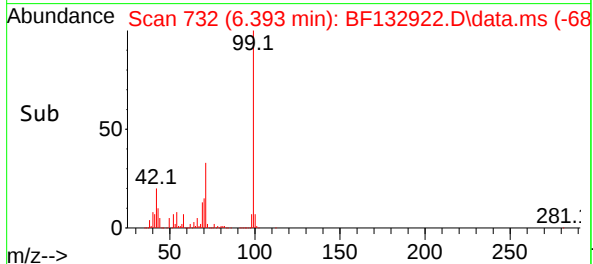
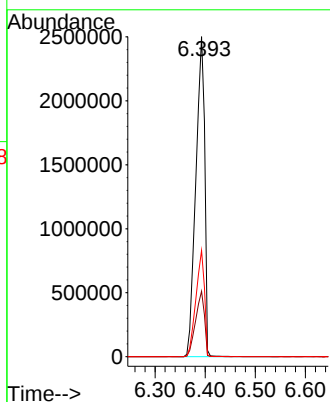
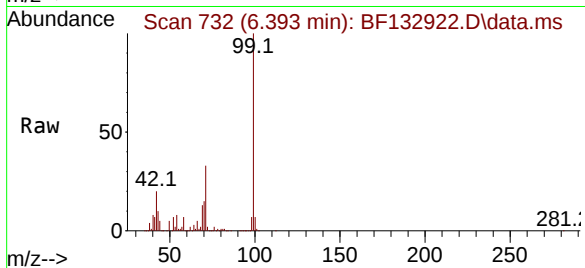




#7
Phenol-d6
Concen: 150.080 ng
RT: 6.393 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132922.D
Acq: 19 Apr 2023 20:40

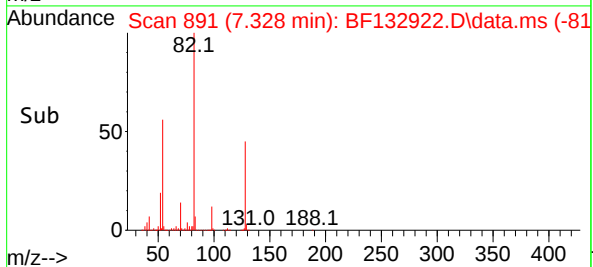
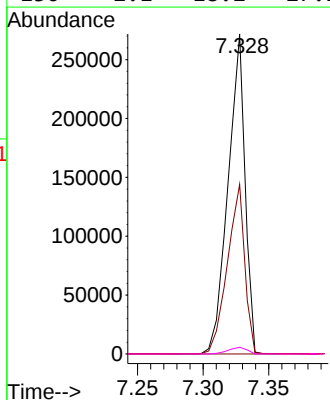
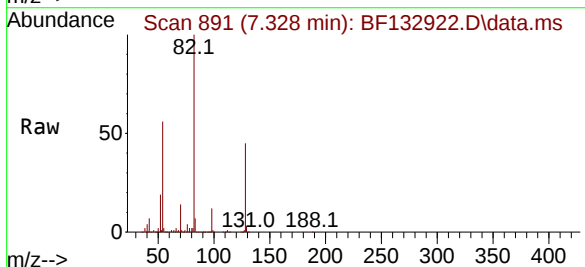
Instrument :
BNA_F
ClientSampleId :
20230330-COMP-8

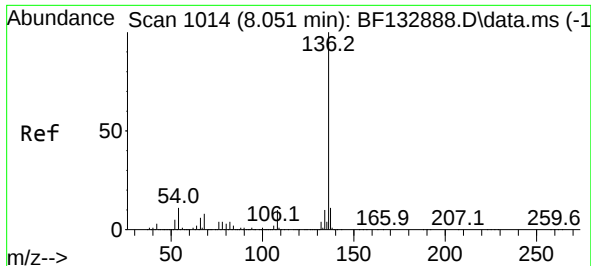
Tgt Ion: 99 Resp: 3069935
Ion Ratio Lower Upper
99 100
42 20.4 16.1 24.1
71 33.2 26.1 39.1



#19
n-Nitroso-di-n-propylamine
Concen: 19.239 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.136 min
Lab File: BF132922.D
Acq: 19 Apr 2023 20:40

Tgt Ion: 70 Resp: 245638
Ion Ratio Lower Upper
70 100
42 53.0 49.0 73.6
101 0.0 8.1 12.1#
130 2.1 18.2 27.2#

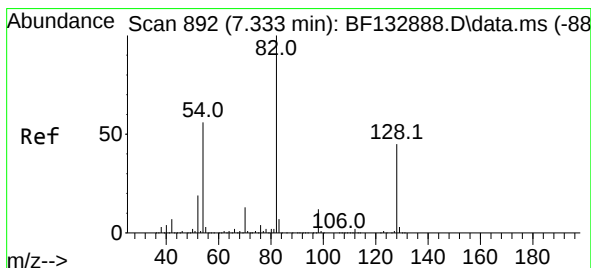
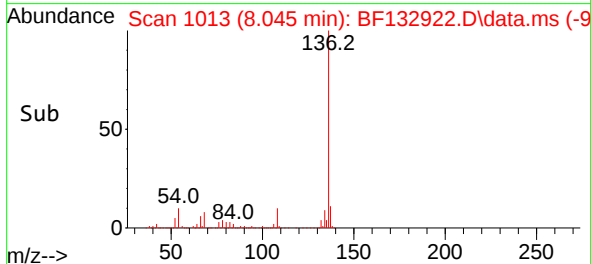
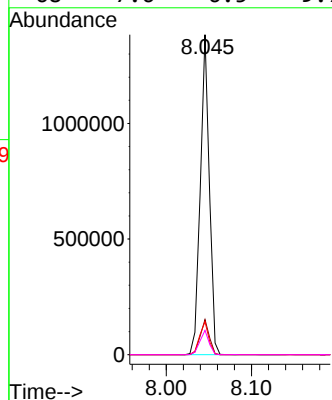
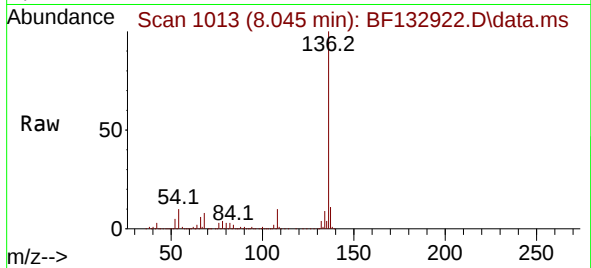




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF132922.D
Acq: 19 Apr 2023 20:40

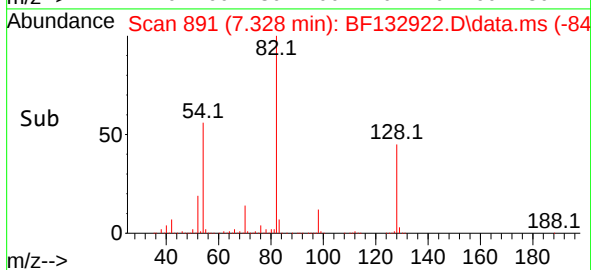
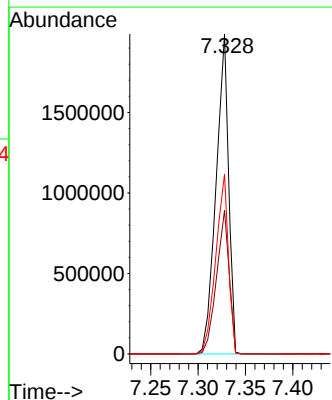
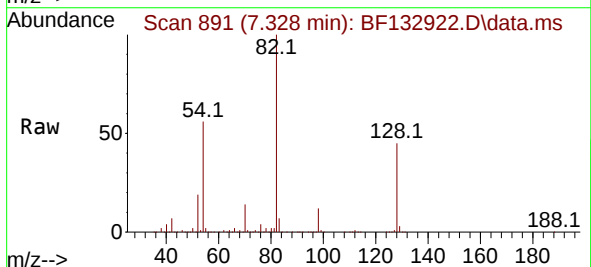
Instrument :
BNA_F
ClientSampleId :
20230330-COMP-8

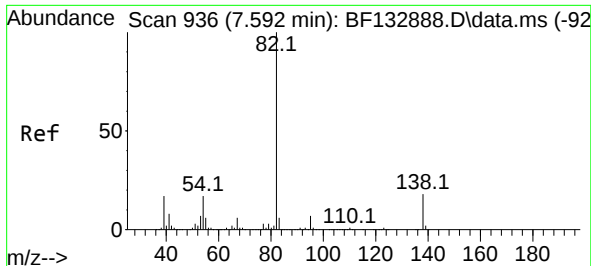
Tgt Ion:136 Resp: 1019159
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 10.3 8.9 13.3
68 7.6 6.5 9.7



#23
Nitrobenzene-d5
Concen: 93.631 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF132922.D
Acq: 19 Apr 2023 20:40

Tgt Ion: 82 Resp: 1830694
Ion Ratio Lower Upper
82 100
128 45.0 35.7 53.5
54 56.2 44.7 67.1

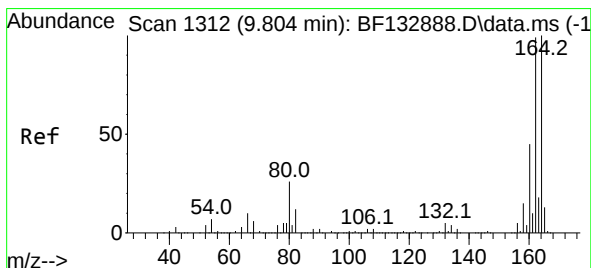
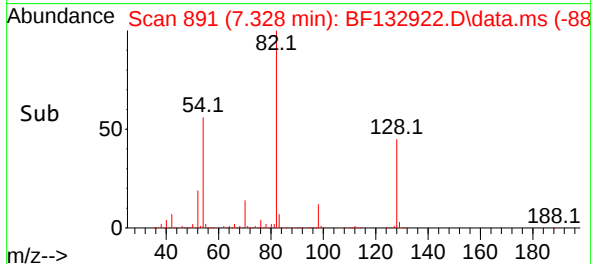
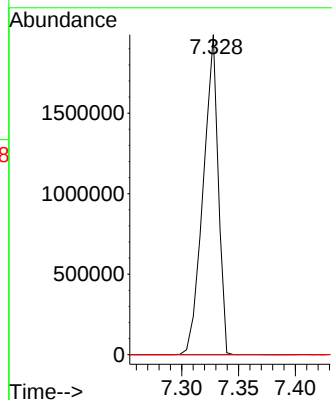
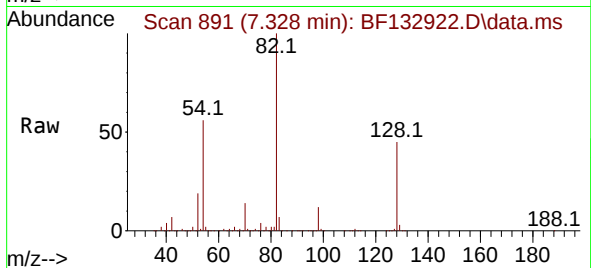




#25
Isophorone
Concen: 49.305 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.264 min
Lab File: BF132922.D
Acq: 19 Apr 2023 20:40

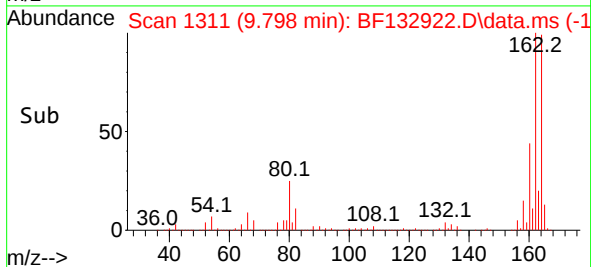
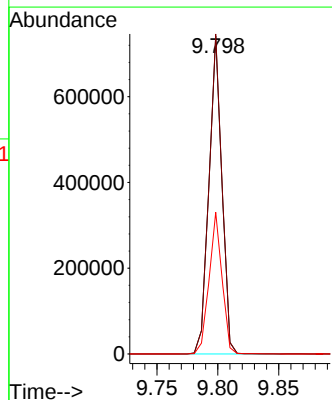
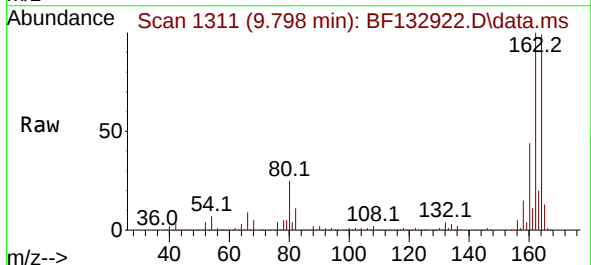
Instrument :
BNA_F
ClientSampleId :
20230330-COMP-8

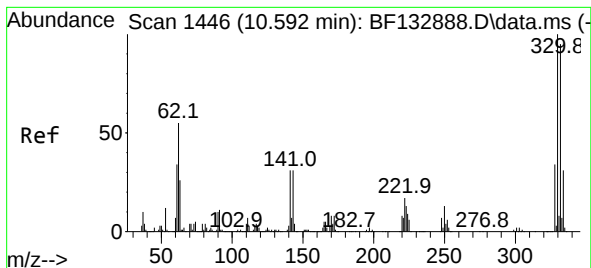
Tgt Ion: 82 Resp: 1828566
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF132922.D
Acq: 19 Apr 2023 20:40

Tgt Ion:164 Resp: 548032
Ion Ratio Lower Upper
164 100
162 100.6 79.1 118.7
160 44.6 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 176.964 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.006 min

Lab File: BF132922.D

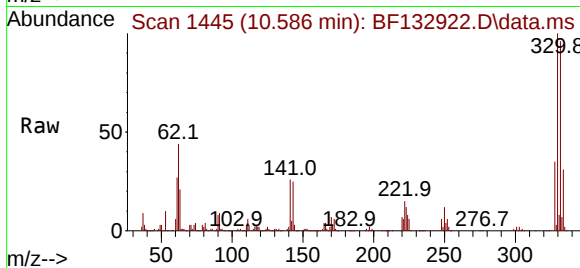
Acq: 19 Apr 2023 20:40

Instrument :

BNA_F

ClientSampleId :

20230330-COMP-8



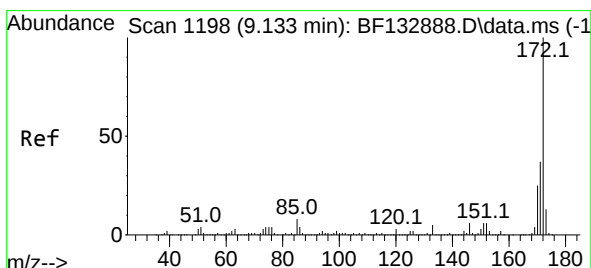
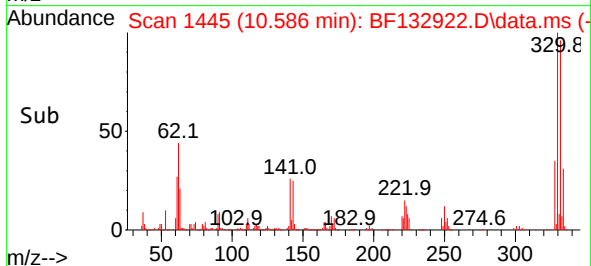
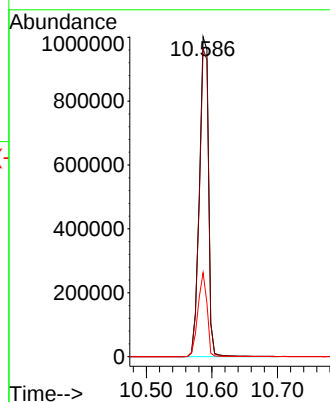
Tgt Ion:330 Resp: 972736

Ion Ratio Lower Upper

330 100

332 96.4 76.3 114.5

141 26.1 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 83.700 ng

RT: 9.128 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF132922.D

Acq: 19 Apr 2023 20:40

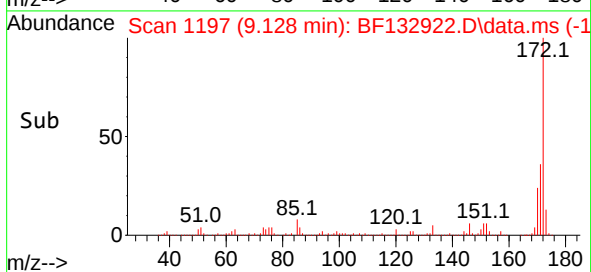
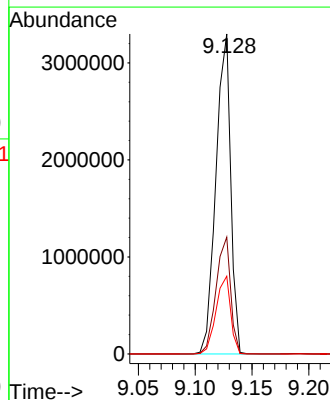
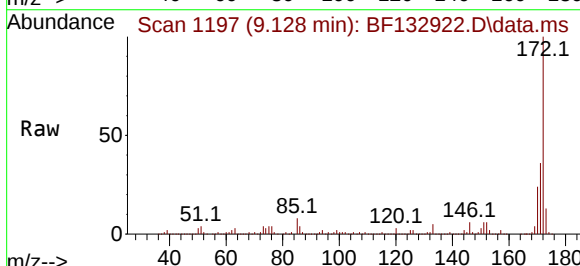
Tgt Ion:172 Resp: 2985913

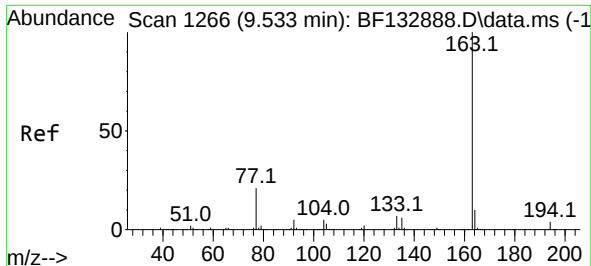
Ion Ratio Lower Upper

172 100

171 36.5 29.4 44.0

170 24.3 20.1 30.1

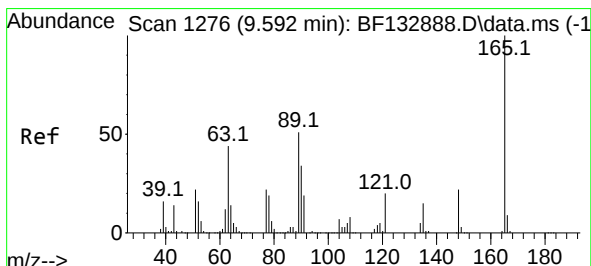
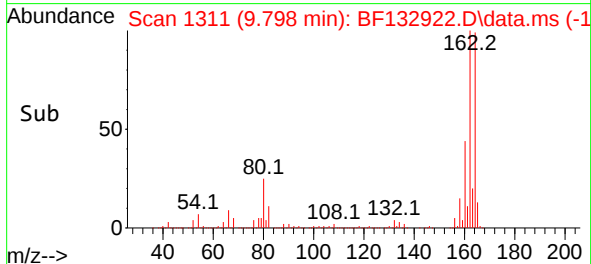
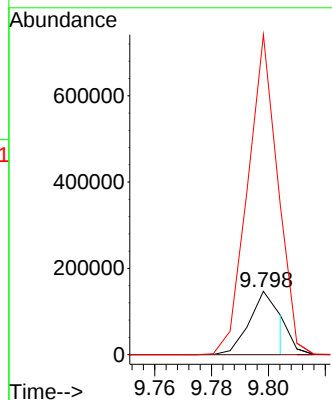
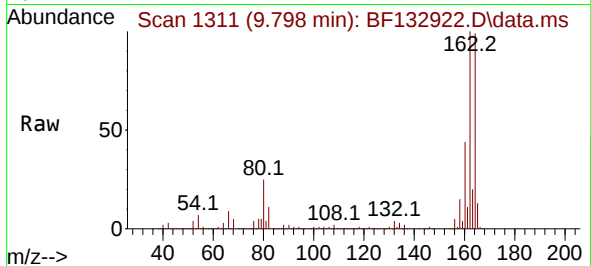




#50
Dimethylphthalate
Concen: 2.900 ng
RT: 9.798 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF132922.D
Acq: 19 Apr 2023 20:40

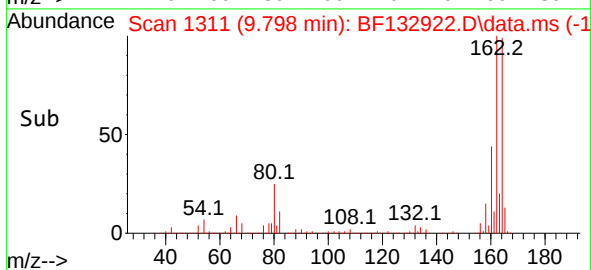
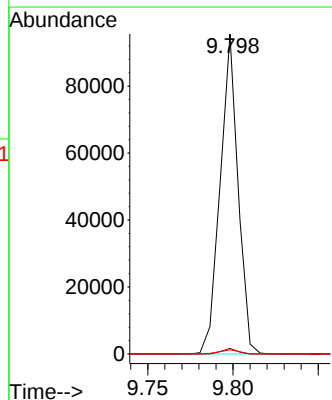
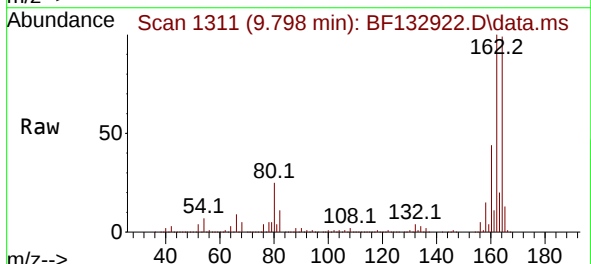
Instrument :
BNA_F
ClientSampleId :
20230330-COMP-8

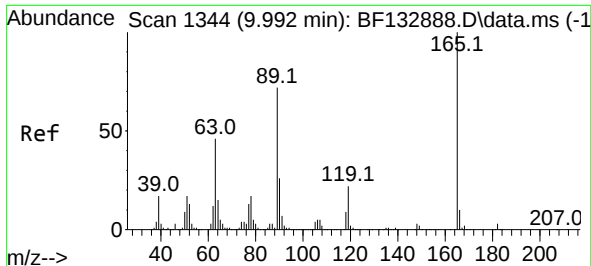
Tgt Ion:163 Resp: 109887
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.0#
164 505.5 8.3 12.5#



#51
2,6-Dinitrotoluene
Concen: 8.397 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.206 min
Lab File: BF132922.D
Acq: 19 Apr 2023 20:40

Tgt Ion:165 Resp: 69759
Ion Ratio Lower Upper
165 100
63 1.8 42.6 63.8#
89 1.3 41.0 61.4#





#57

2,4-Dinitrotoluene

Concen: 6.804 ng

RT: 9.798 min Scan# 11

Delta R.T. -0.194 min

Lab File: BF132922.D

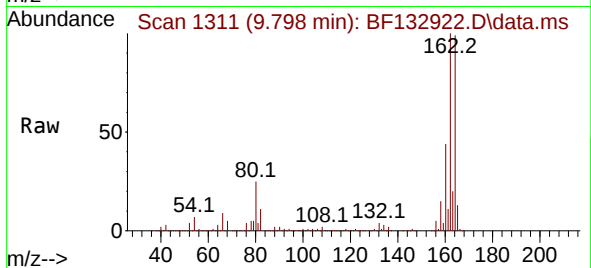
Acq: 19 Apr 2023 20:40

Instrument :

BNA_F

ClientSampleId :

20230330-COMP-8



Tgt Ion:165 Resp: 69759

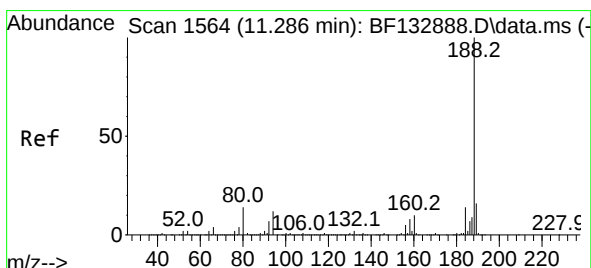
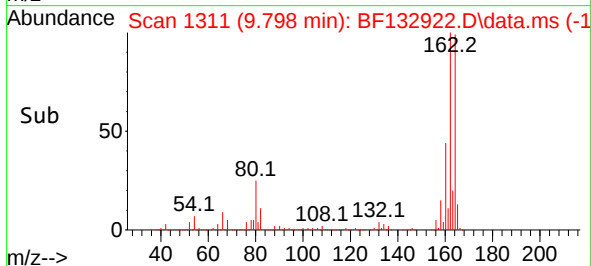
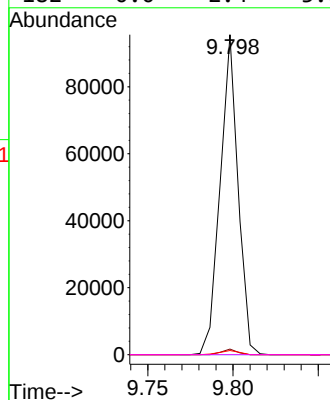
Ion Ratio Lower Upper

165 100

63 1.8 37.0 55.6#

89 1.3 57.8 86.6#

182 0.0 2.4 3.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.281 min Scan# 1563

Delta R.T. -0.005 min

Lab File: BF132922.D

Acq: 19 Apr 2023 20:40

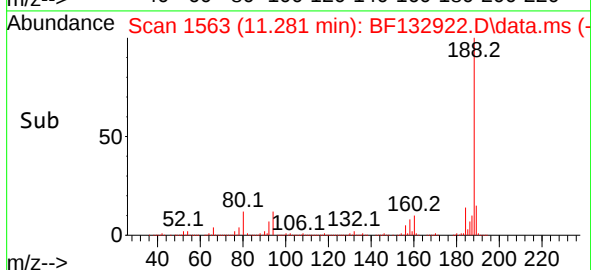
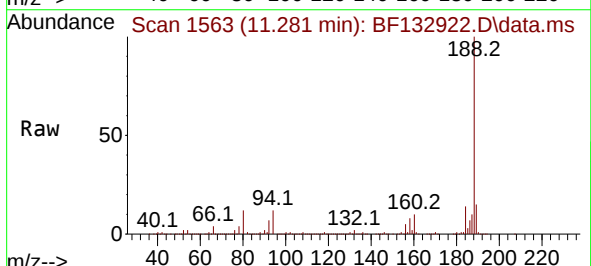
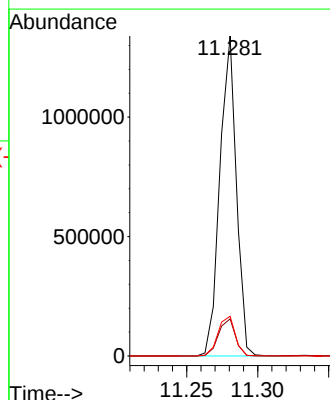
Tgt Ion:188 Resp: 1080428

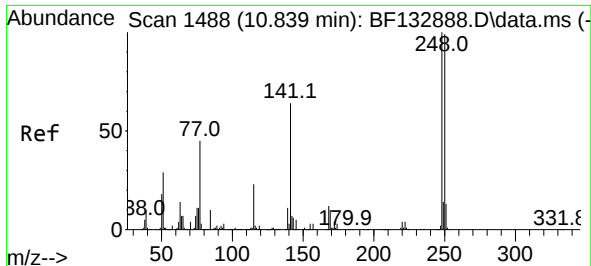
Ion Ratio Lower Upper

188 100

94 11.6 9.9 14.9

80 12.4 10.8 16.2

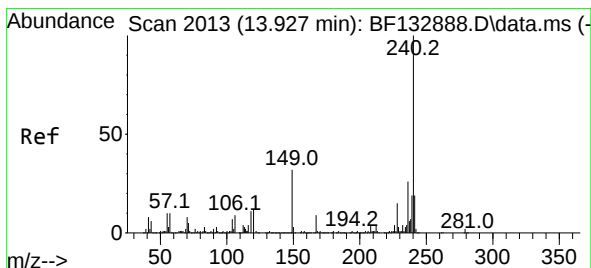
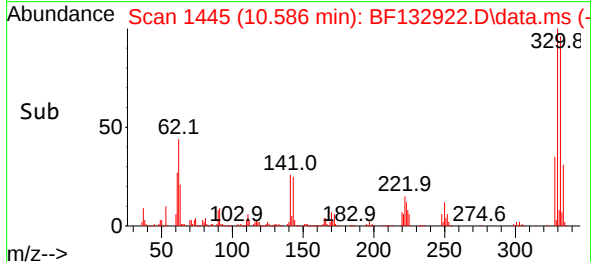
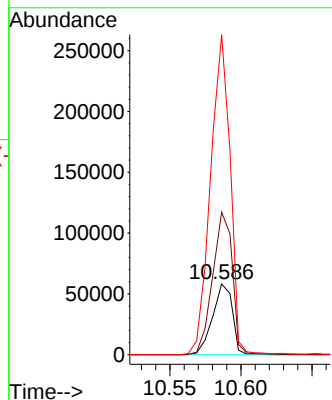
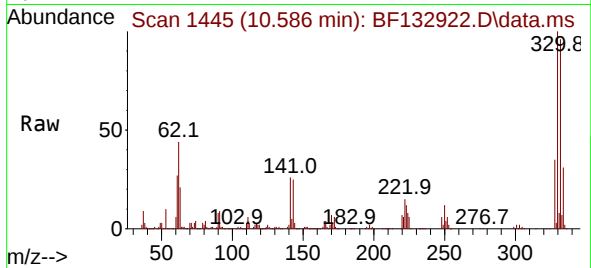




#67
4-Bromophenyl-phenylether
Concen: 4.563 ng
RT: 10.586 min Scan# 1488
Delta R.T. -0.253 min
Lab File: BF132922.D
Acq: 19 Apr 2023 20:40

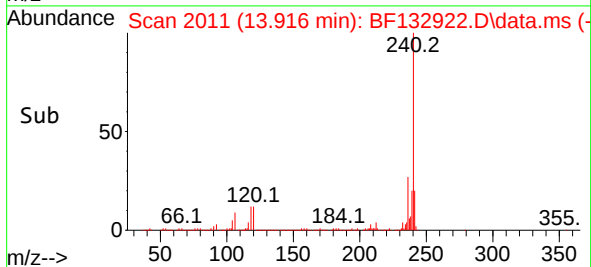
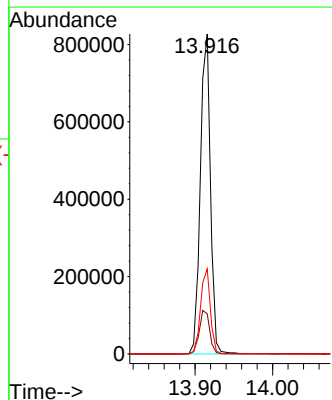
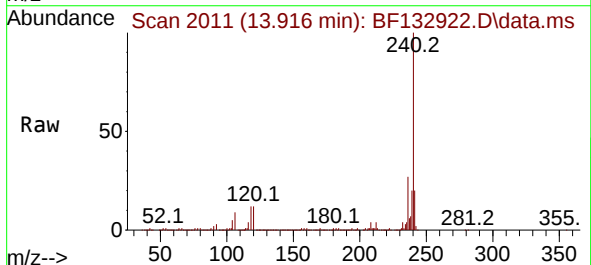
Instrument :
BNA_F
ClientSampleId :
20230330-COMP-8

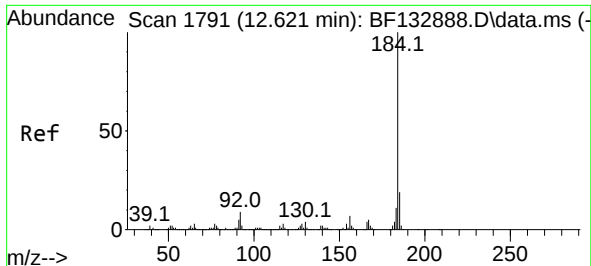
Tgt Ion:248 Resp: 56293
Ion Ratio Lower Upper
248 100
250 201.3 79.1 118.7#
141 452.1 51.0 76.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.916 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BF132922.D
Acq: 19 Apr 2023 20:40

Tgt Ion:240 Resp: 749821
Ion Ratio Lower Upper
240 100
120 12.5 10.0 15.0
236 26.6 20.8 31.2

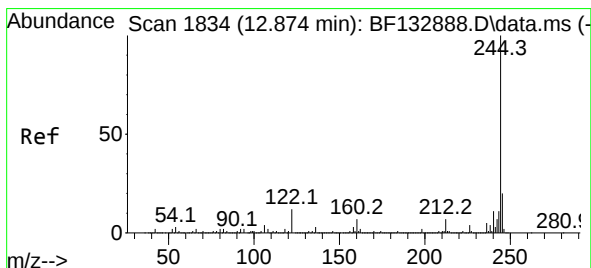
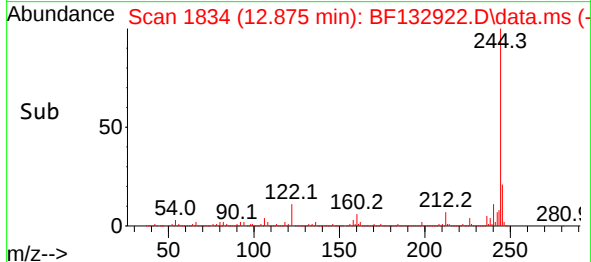
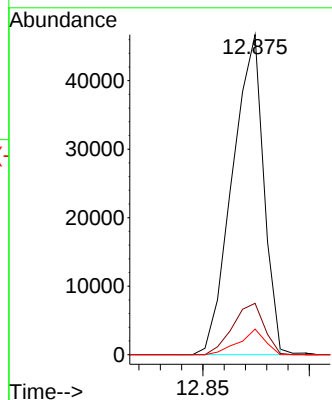
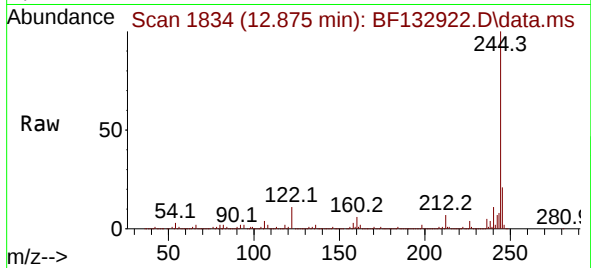




#77
Benzidine
Concen: 4.087 ng
RT: 12.875 min Scan# 1834
Delta R.T. 0.254 min
Lab File: BF132922.D
Acq: 19 Apr 2023 20:40

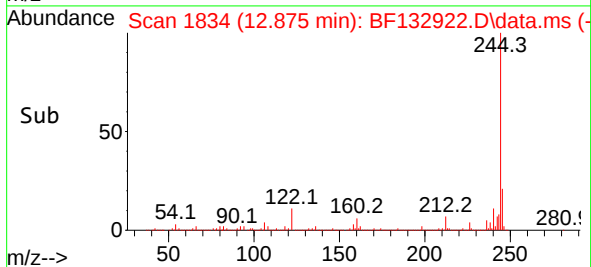
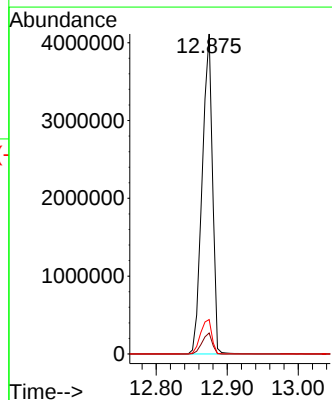
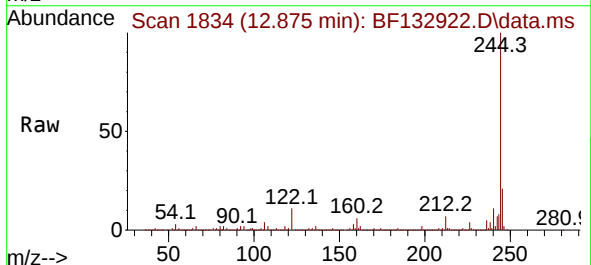
Instrument :
BNA_F
ClientSampleId :
20230330-COMP-8

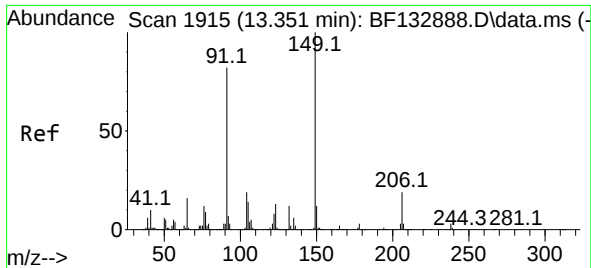
Tgt Ion:184 Resp: 47732
Ion Ratio Lower Upper
184 100
185 16.0 14.9 22.3
183 8.0 9.0 13.6#



#79
Terphenyl-d14
Concen: 94.538 ng
RT: 12.875 min Scan# 1834
Delta R.T. 0.000 min
Lab File: BF132922.D
Acq: 19 Apr 2023 20:40

Tgt Ion:244 Resp: 4154954
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 10.8 9.6 14.4

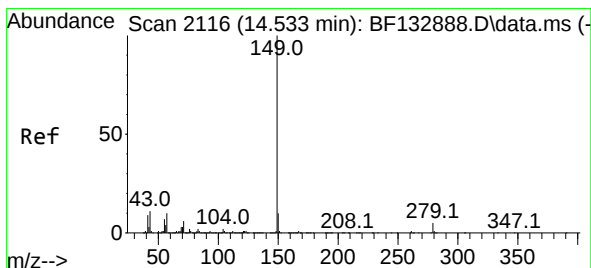
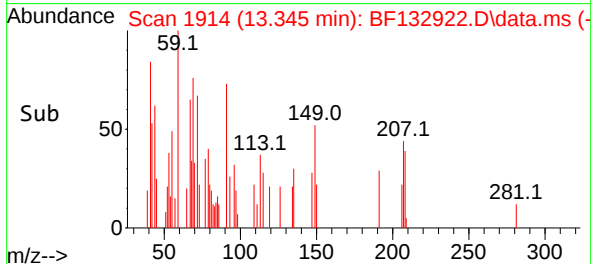
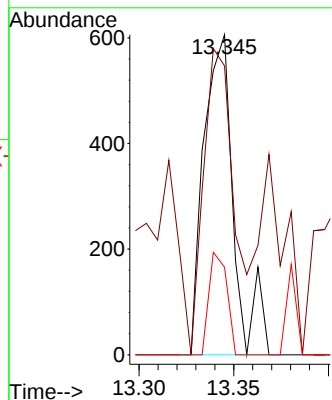
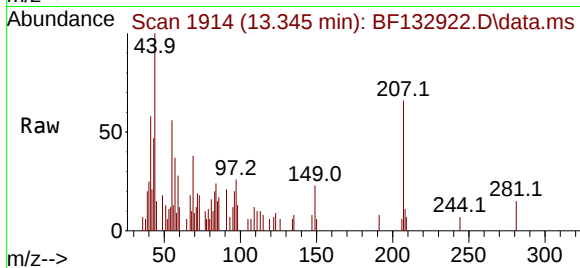




#80
Butylbenzylphthalate
Concen: 5.174 ng
RT: 13.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BF132922.D
Acq: 19 Apr 2023 20:40

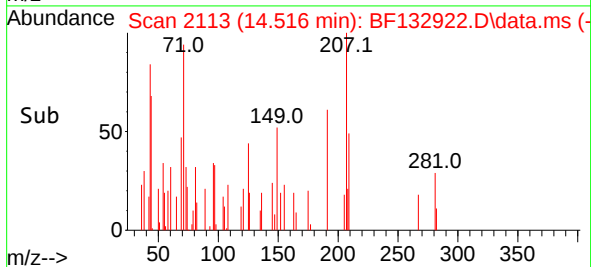
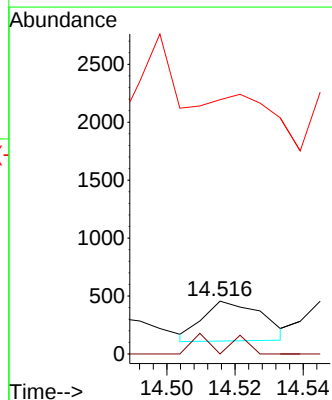
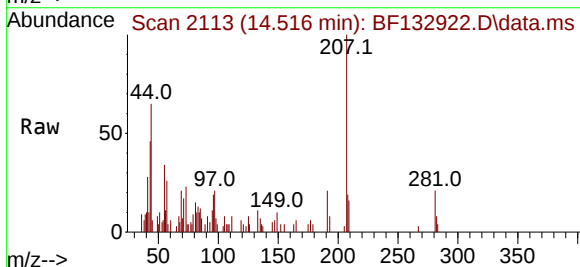
Instrument :
BNA_F
ClientSampleId :
20230330-COMP-8

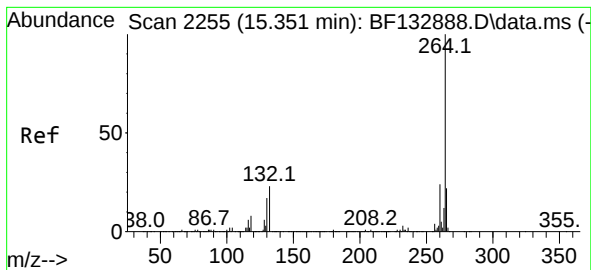
Tgt Ion:	149	Resp:	662
Ion Ratio	Lower	Upper	
149	100		
91	90.3	65.4	98.0
206	27.4	15.6	23.4#



#85
Di-n-octyl phthalate
Concen: 6.392 ng
RT: 14.516 min Scan# 2113
Delta R.T. -0.017 min
Lab File: BF132922.D
Acq: 19 Apr 2023 20:40

Tgt Ion:	149	Resp:	414
Ion Ratio	Lower	Upper	
149	100		
167	29.0	1.2	1.8#
43	243.7	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: BF132922.D

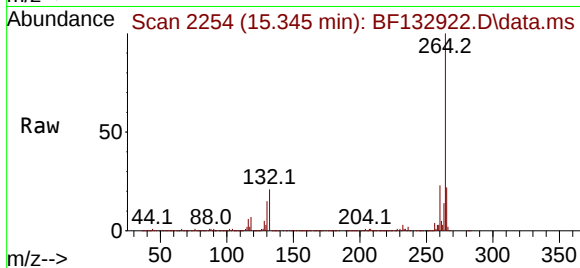
Acq: 19 Apr 2023 20:40

Instrument :

BNA_F

ClientSampleId :

20230330-COMP-8



Tgt Ion:264 Resp: 606052

Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.6

265 22.2 17.7 26.5

