

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011923\
 Data File : BF132149.D
 Acq On : 19 Jan 2023 16:23
 Operator : CG\JU
 Sample : PB150317BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150317BL

Quant Time: Jan 20 01:19:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:50:42 2023
 Response via : Initial Calibration

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

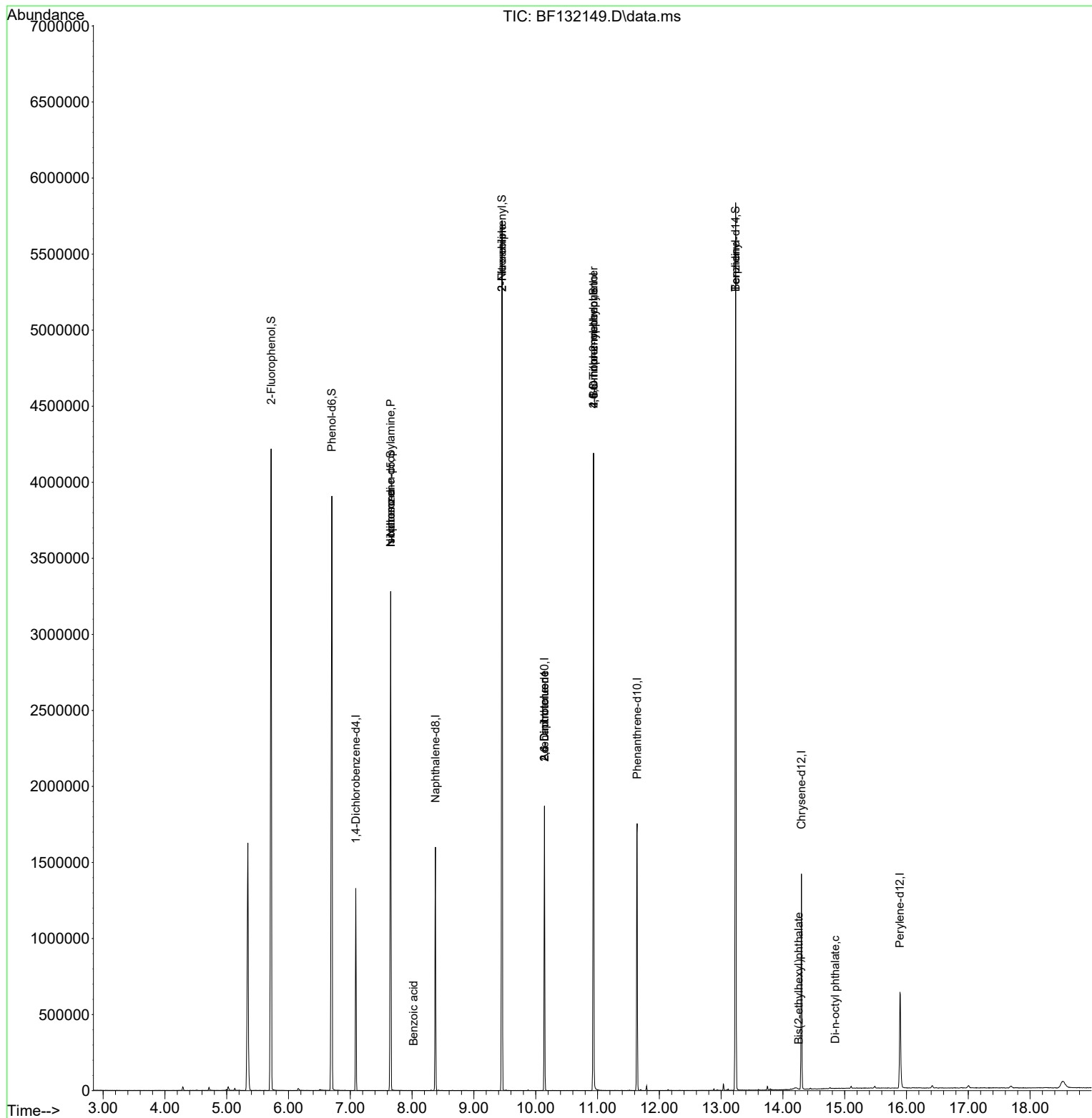
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.089	152	168670	20.000	ng	0.00
21) Naphthalene-d8	8.378	136	619300	20.000	ng	0.00
39) Acenaphthene-d10	10.142	164	335591	20.000	ng	0.00
64) Phenanthrene-d10	11.642	188	662166	20.000	ng	0.00
76) Chrysene-d12	14.301	240	448904	20.000	ng	0.00
86) Perylene-d12	15.895	264	328018	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.719	112	1189503	123.195	ng	0.01
7) Phenol-d6	6.701	99	1522943	125.299	ng	0.00
23) Nitrobenzene-d5	7.654	82	1009533	86.597	ng	0.00
42) 2,4,6-Tribromophenol	10.936	330	461341	128.700	ng	0.00
45) 2-Fluorobiphenyl	9.454	172	1715877	74.713	ng	0.00
79) Terphenyl-d14	13.236	244	2110643	78.760	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.654	70	136022	18.270	ng	# 77
25) Isophorone	7.654	82	1009523	44.258	ng	# 67
32) Benzoic acid	8.025	122	101	7.866	ng	# 1
48) 2-Nitroaniline	9.454	65	3433	3.031	ng	# 1
51) 2,6-Dinitrotoluene	10.142	165	42778	9.080	ng	# 23
57) 2,4-Dinitrotoluene	10.142	165	42778	7.565	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.936	198	1262	8.136	ng	# 1
67) 4-Bromophenyl-phenylether	10.936	248	30280	3.752	ng	# 1
77) Benzidine	13.236	184	35199	2.612	ng	# 92
84) Bis(2-ethylhexyl)phtha...	14.260	149	195	3.502	ng	# 54
85) Di-n-octyl phthalate	14.848	149	59	5.339	ng	# 1

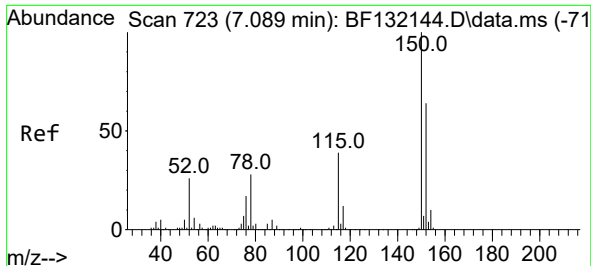
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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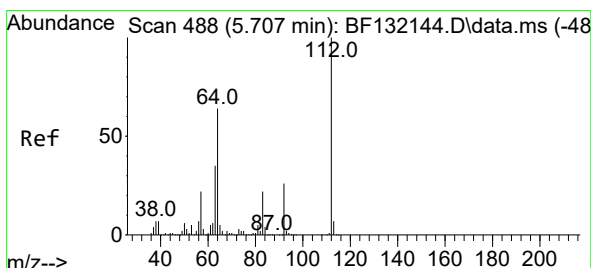
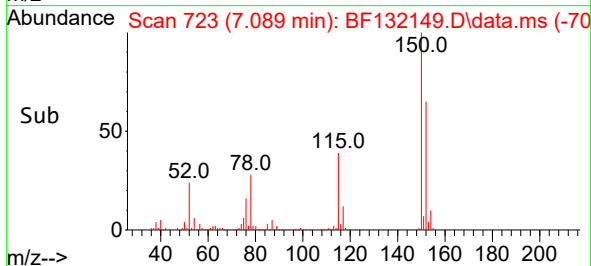
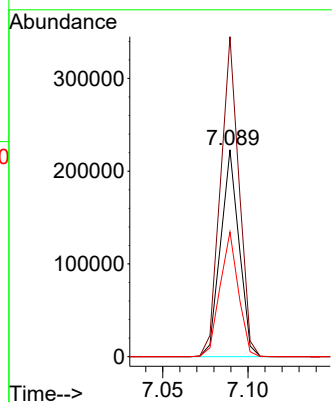
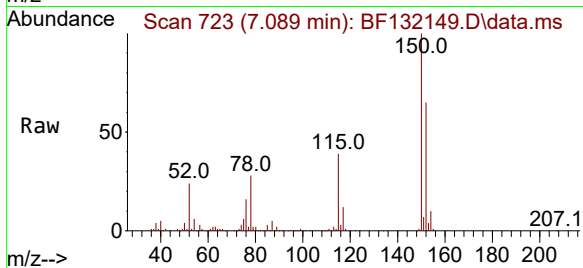




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.089 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132149.D
Acq: 19 Jan 2023 16:23

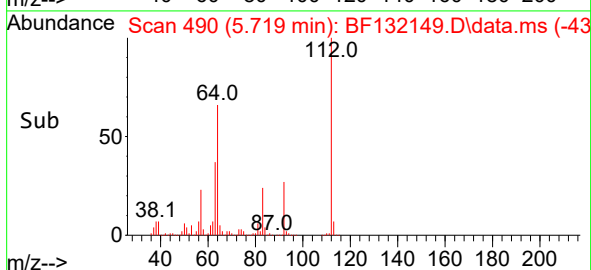
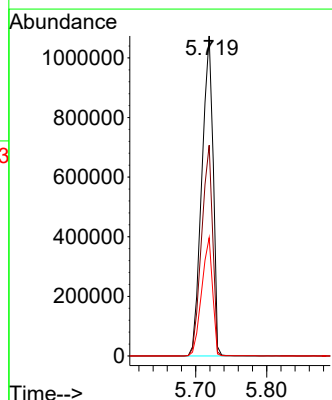
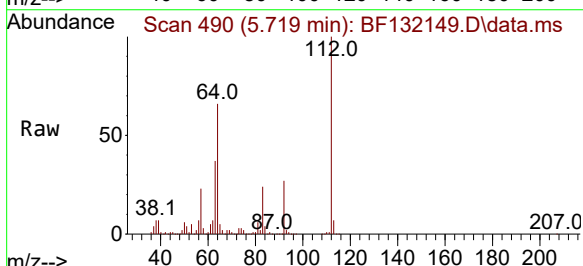
Instrument :
BNA_F
ClientSampleId :
PB150317BL

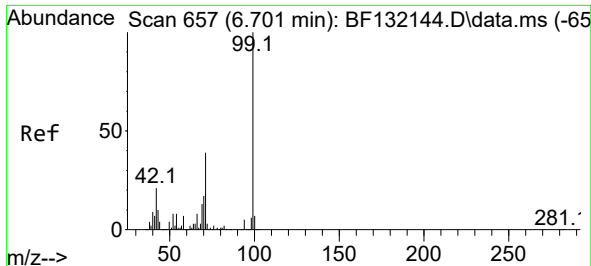
Tgt Ion:152 Resp: 168670
Ion Ratio Lower Upper
152 100
150 154.6 125.8 188.8
115 60.3 49.2 73.8



#5
2-Fluorophenol
Concen: 123.195 ng
RT: 5.719 min Scan# 490
Delta R.T. 0.012 min
Lab File: BF132149.D
Acq: 19 Jan 2023 16:23

Tgt Ion:112 Resp: 1189503
Ion Ratio Lower Upper
112 100
64 65.9 51.4 77.0
63 37.0 28.2 42.2



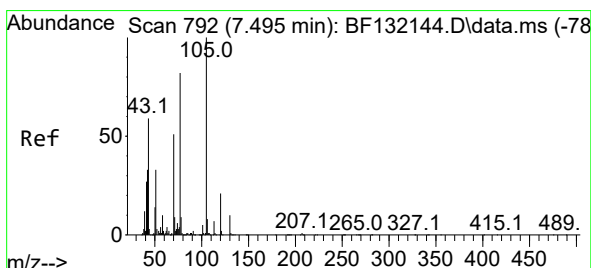
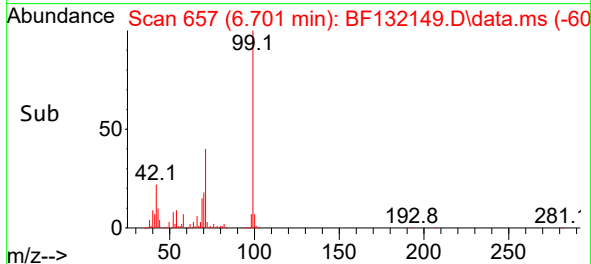
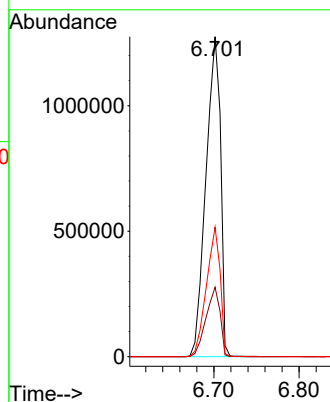
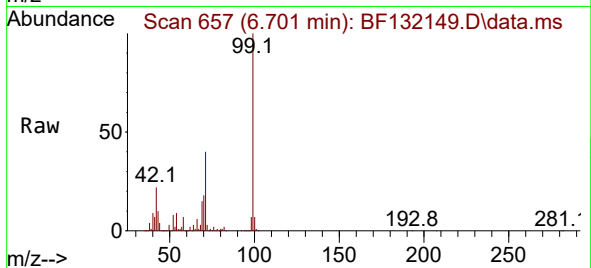


#7
Phenol-d6
Concen: 125.299 ng
RT: 6.701 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132149.D
Acq: 19 Jan 2023 16:23

Instrument :
BNA_F
ClientSampleId :
PB150317BL

Tgt Ion: 99 Resp: 1522943

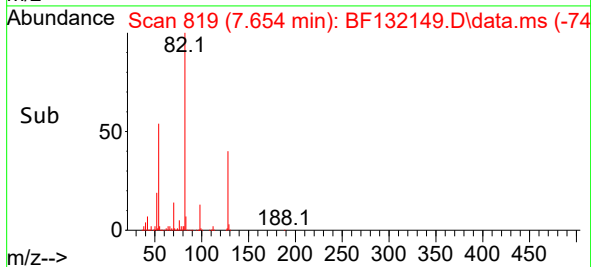
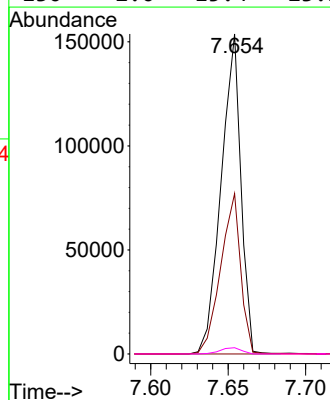
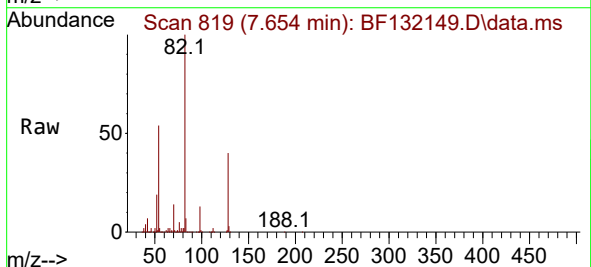
Ion	Ratio	Lower	Upper
99	100		
42	21.7	16.6	24.8
71	40.4	30.8	46.2

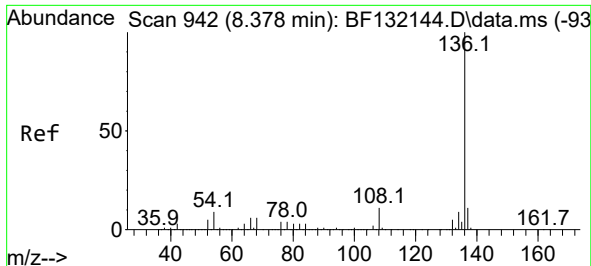


#19
n-Nitroso-di-n-propylamine
Concen: 18.270 ng
RT: 7.654 min Scan# 819
Delta R.T. 0.159 min
Lab File: BF132149.D
Acq: 19 Jan 2023 16:23

Tgt Ion: 70 Resp: 136022

Ion	Ratio	Lower	Upper
70	100		
42	50.1	51.0	76.4#
101	0.0	7.3	10.9#
130	2.0	15.4	23.2#

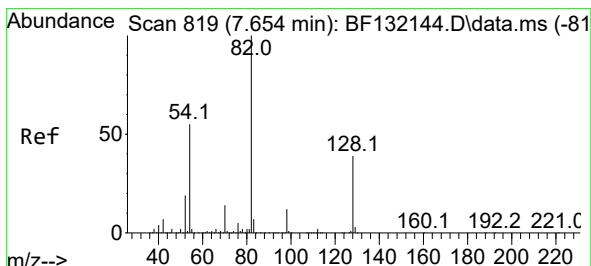
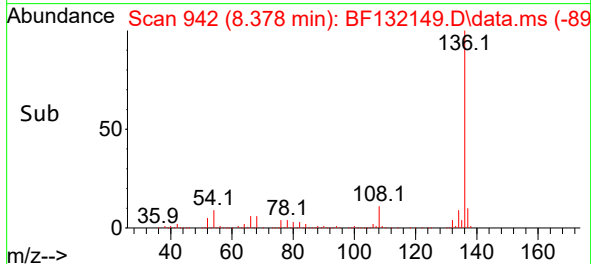
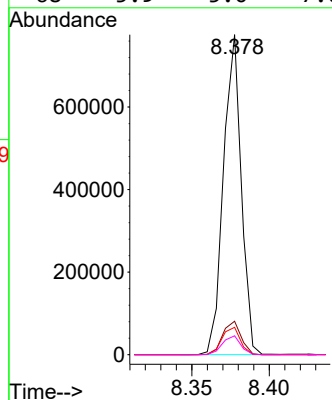
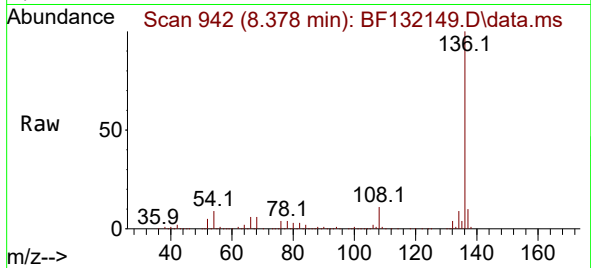




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.378 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF132149.D
Acq: 19 Jan 2023 16:23

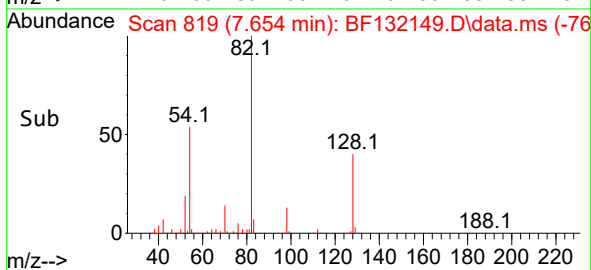
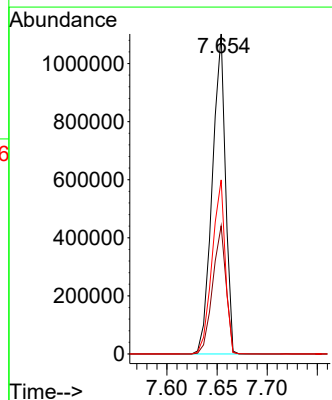
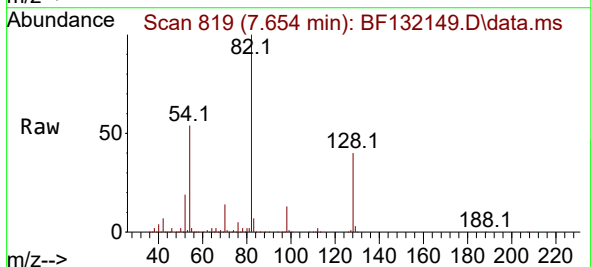
Instrument :
BNA_F
ClientSampleId :
PB150317BL

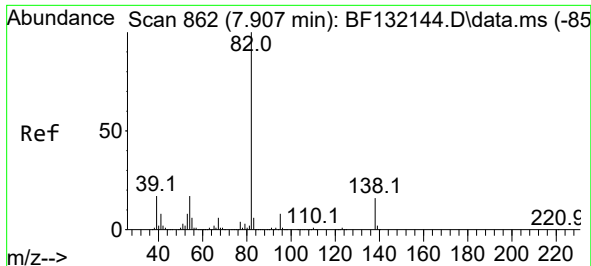
Tgt Ion:	136	Resp:	619300
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	8.5	7.0	10.6
68	5.9	5.0	7.6



#23
Nitrobenzene-d5
Concen: 86.597 ng
RT: 7.654 min Scan# 819
Delta R.T. -0.000 min
Lab File: BF132149.D
Acq: 19 Jan 2023 16:23

Tgt Ion:	82	Resp:	1009533
Ion	Ratio	Lower	Upper
82	100		
128	40.1	31.1	46.7
54	54.4	43.9	65.9

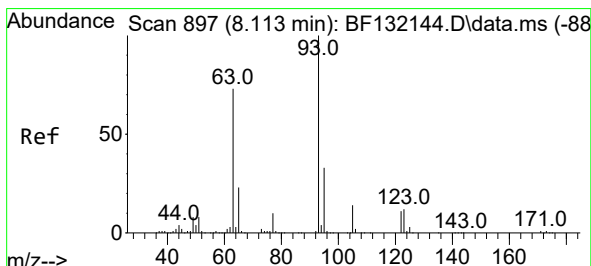
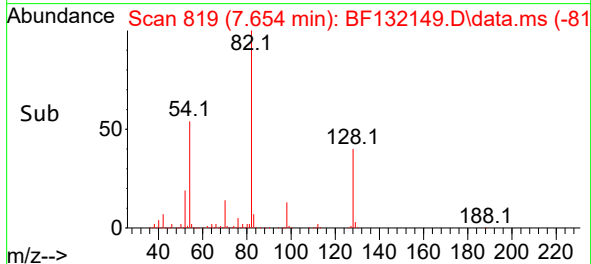
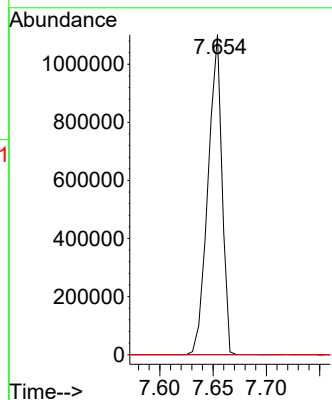
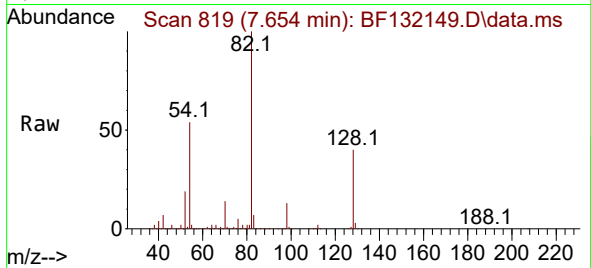




#25
Isophorone
Concen: 44.258 ng
RT: 7.654 min Scan# 81
Delta R.T. -0.253 min
Lab File: BF132149.D
Acq: 19 Jan 2023 16:23

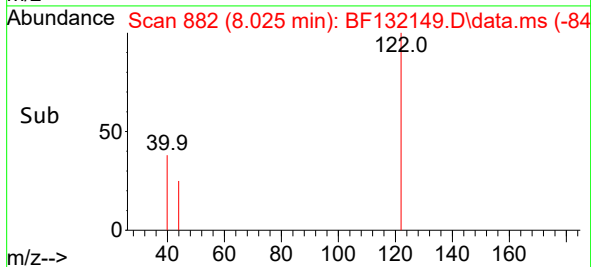
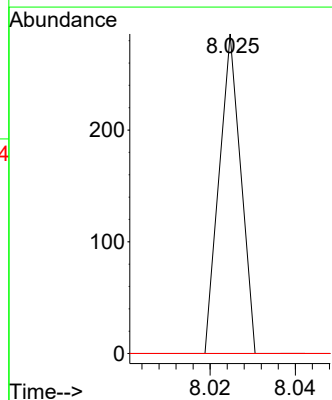
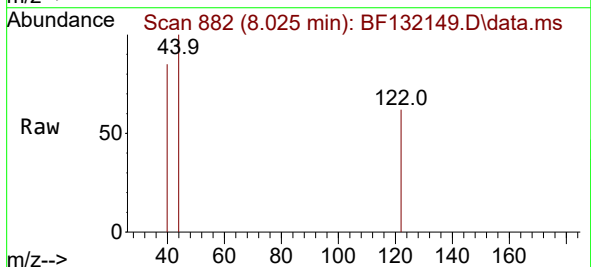
Instrument :
BNA_F
ClientSampleId :
PB150317BL

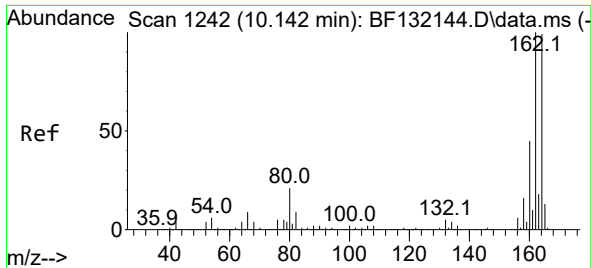
Tgt Ion: 82 Resp: 1009523
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.9 19.3#



#32
Benzoic acid
Concen: 7.866 ng
RT: 8.025 min Scan# 882
Delta R.T. -0.088 min
Lab File: BF132149.D
Acq: 19 Jan 2023 16:23

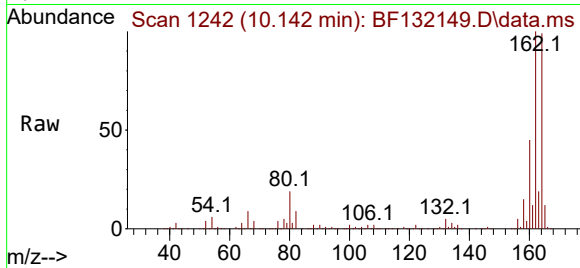
Tgt Ion:122 Resp: 101
Ion Ratio Lower Upper
122 100
105 0.0 96.8 136.8#
77 0.0 72.5 112.5#



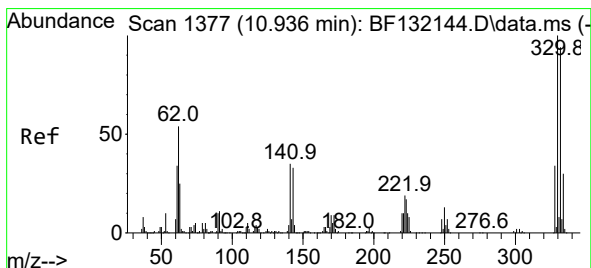
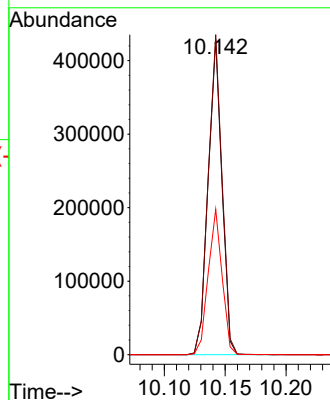
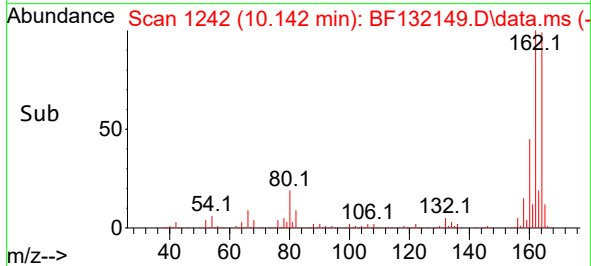


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.142 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132149.D
Acq: 19 Jan 2023 16:23

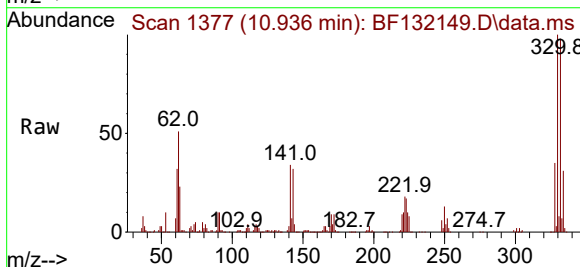
Instrument :
BNA_F
ClientSampleId :
PB150317BL



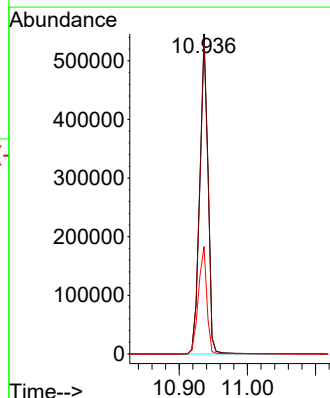
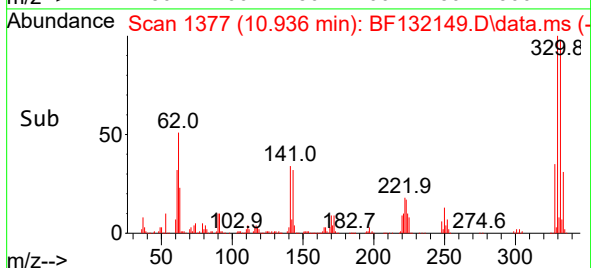
Tgt Ion:164 Resp: 335591
Ion Ratio Lower Upper
164 100
162 101.4 81.2 121.8
160 46.1 36.9 55.3

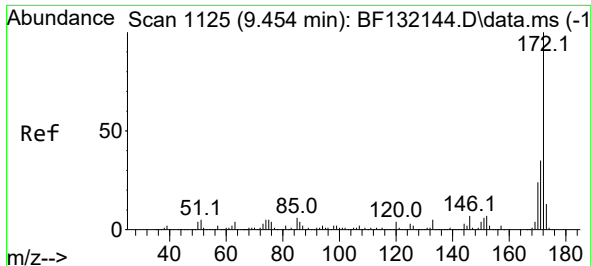


#42
2,4,6-Tribromophenol
Concen: 128.700 ng
RT: 10.936 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF132149.D
Acq: 19 Jan 2023 16:23



Tgt Ion:330 Resp: 461341
Ion Ratio Lower Upper
330 100
332 97.4 75.6 113.4
141 33.9 27.1 40.7





#45

2-Fluorobiphenyl

Concen: 74.713 ng

RT: 9.454 min Scan# 1125

Delta R.T. -0.000 min

Lab File: BF132149.D

Acq: 19 Jan 2023 16:23

Instrument :

BNA_F

ClientSampleId :

PB150317BL

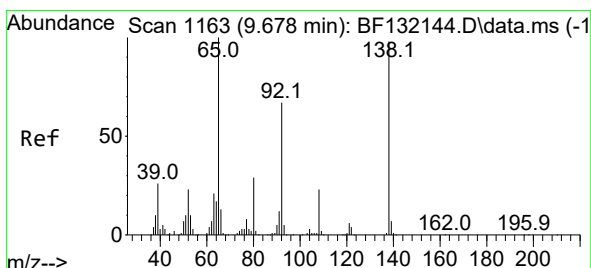
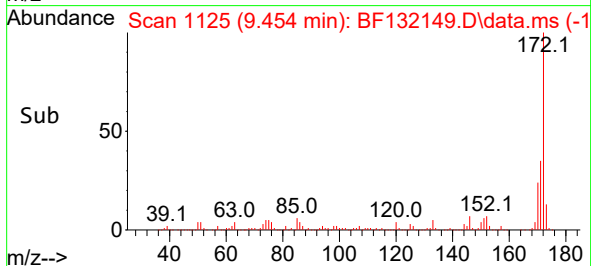
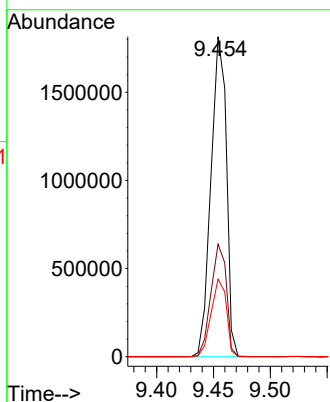
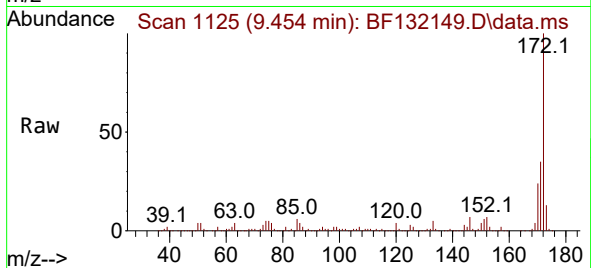
Tgt Ion:172 Resp: 1715877

Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.2

170 24.2 19.6 29.4



#48

2-Nitroaniline

Concen: 3.031 ng

RT: 9.454 min Scan# 1125

Delta R.T. -0.224 min

Lab File: BF132149.D

Acq: 19 Jan 2023 16:23

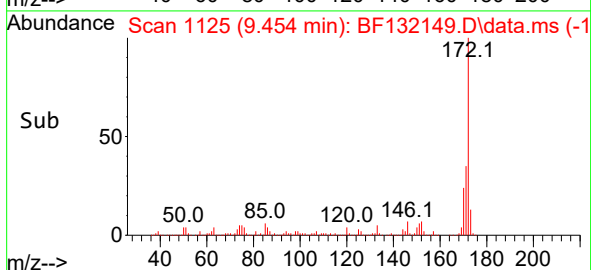
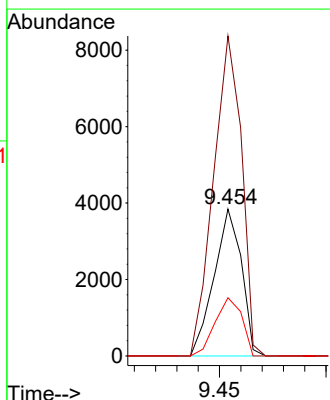
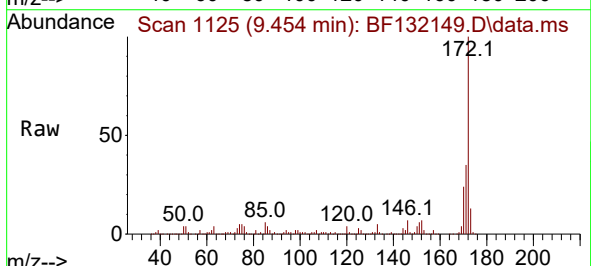
Tgt Ion: 65 Resp: 3433

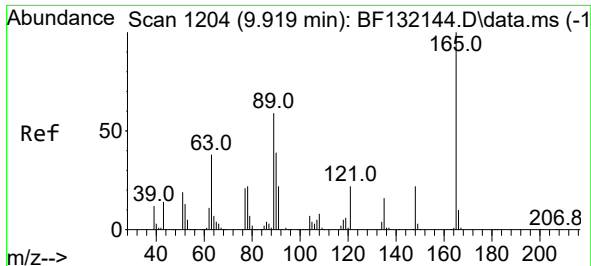
Ion Ratio Lower Upper

65 100

92 217.7 53.8 80.6#

138 39.7 78.7 118.1#

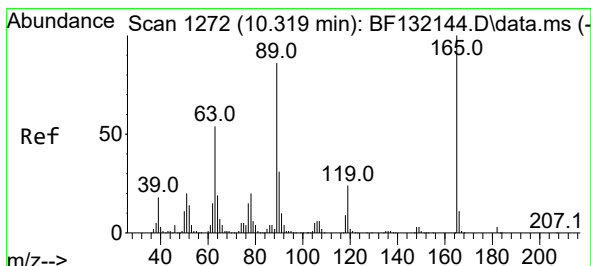
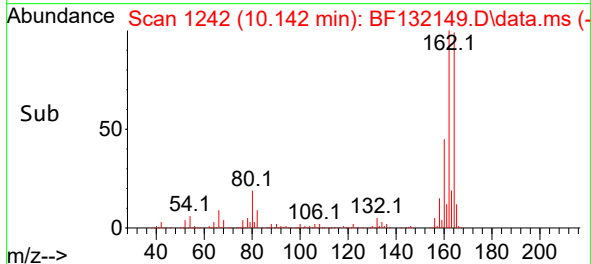
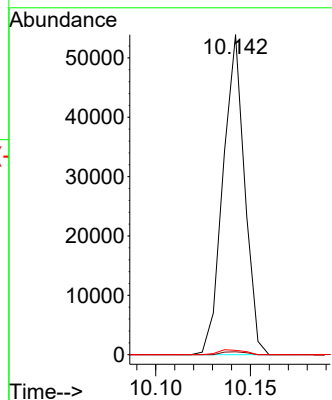
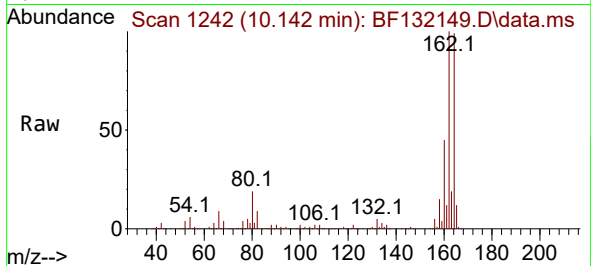




#51
2,6-Dinitrotoluene
Concen: 9.080 ng
RT: 10.142 min Scan# 11
Delta R.T. 0.223 min
Lab File: BF132149.D
Acq: 19 Jan 2023 16:23

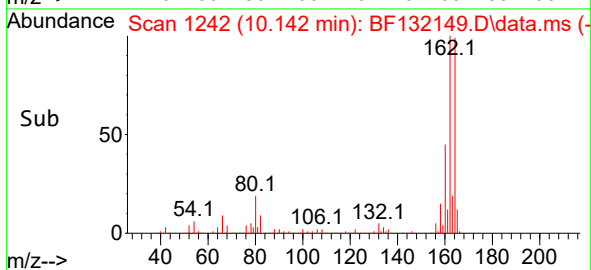
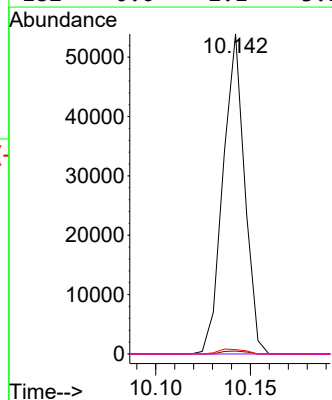
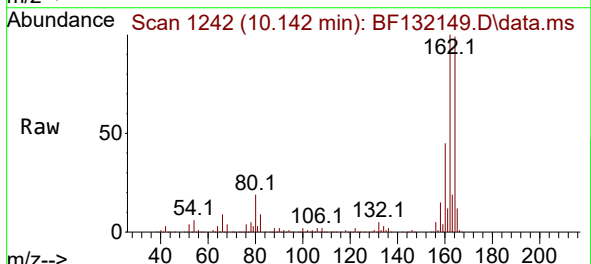
Instrument :
BNA_F
ClientSampleId :
PB150317BL

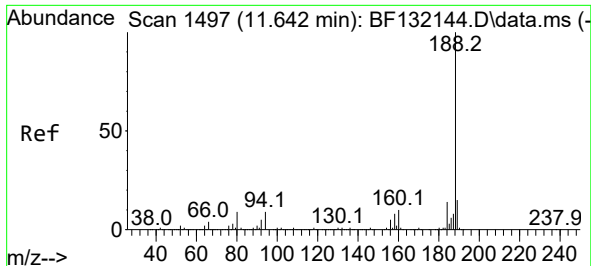
Tgt Ion:165 Resp: 42778
Ion Ratio Lower Upper
165 100
63 0.9 46.6 70.0#
89 1.3 47.4 71.2#



#57
2,4-Dinitrotoluene
Concen: 7.565 ng
RT: 10.142 min Scan# 1242
Delta R.T. -0.177 min
Lab File: BF132149.D
Acq: 19 Jan 2023 16:23

Tgt Ion:165 Resp: 42778
Ion Ratio Lower Upper
165 100
63 0.9 43.5 65.3#
89 1.3 69.0 103.6#
182 0.0 2.1 3.1#

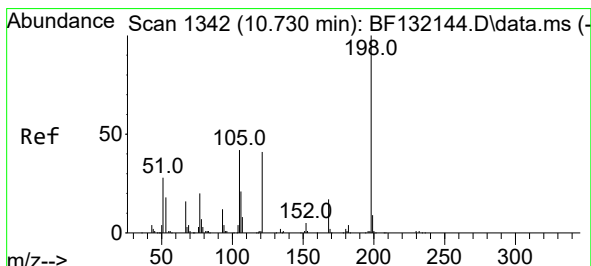
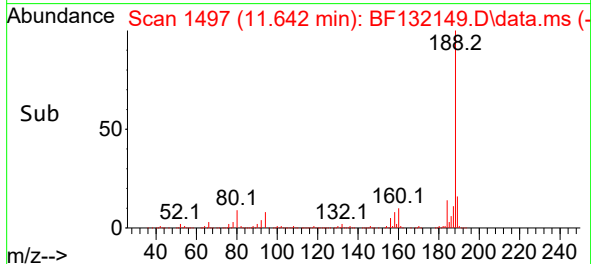
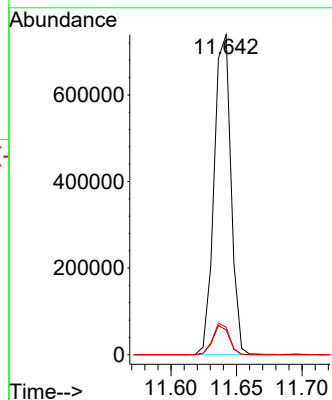
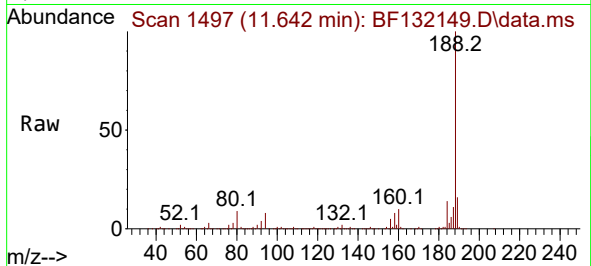




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.642 min Scan# 1497
Delta R.T. -0.000 min
Lab File: BF132149.D
Acq: 19 Jan 2023 16:23

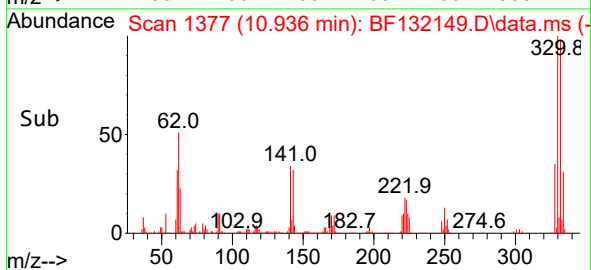
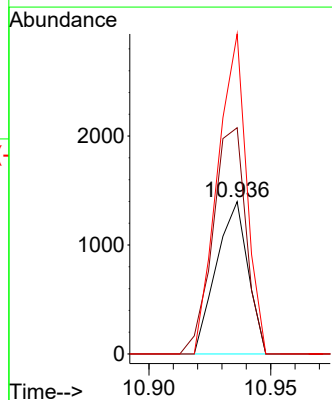
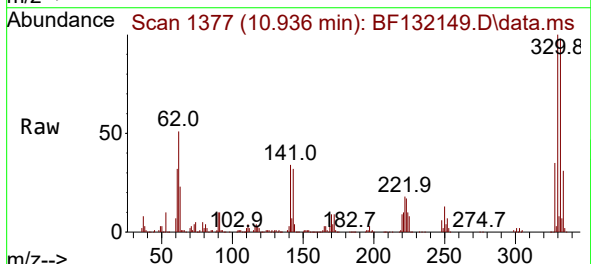
Instrument :
BNA_F
ClientSampleId :
PB150317BL

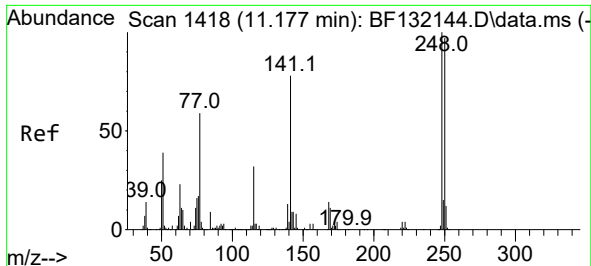
Tgt Ion:188 Resp: 662166
Ion Ratio Lower Upper
188 100
94 7.8 6.9 10.3
80 8.6 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 8.136 ng
RT: 10.936 min Scan# 1377
Delta R.T. 0.206 min
Lab File: BF132149.D
Acq: 19 Jan 2023 16:23

Tgt Ion:198 Resp: 1262
Ion Ratio Lower Upper
198 100
51 148.5 24.3 64.3#
105 210.1 23.3 63.3#

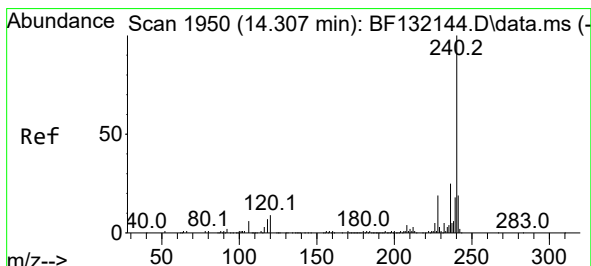
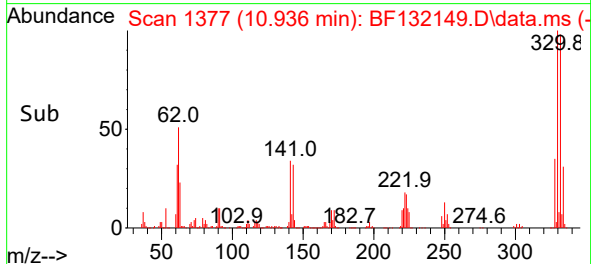
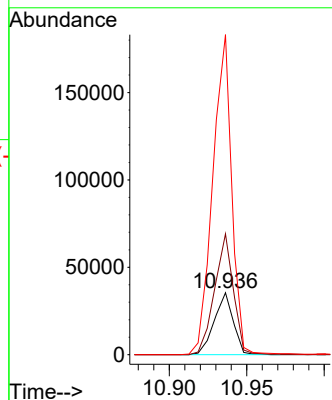
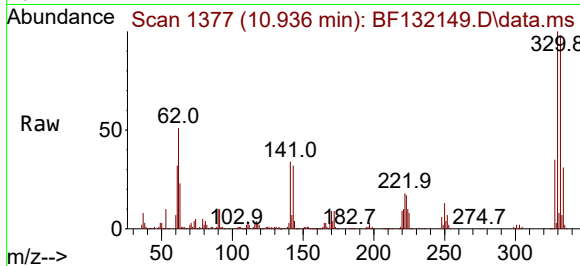




#67
4-Bromophenyl-phenylether
Concen: 3.752 ng
RT: 10.936 min Scan# 11
Delta R.T. -0.241 min
Lab File: BF132149.D
Acq: 19 Jan 2023 16:23

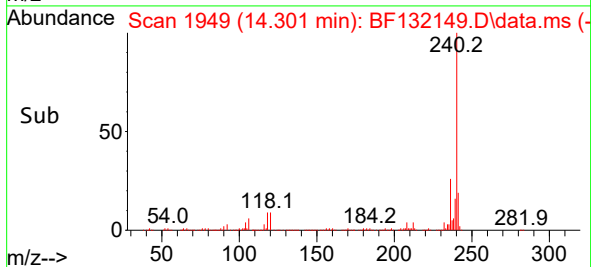
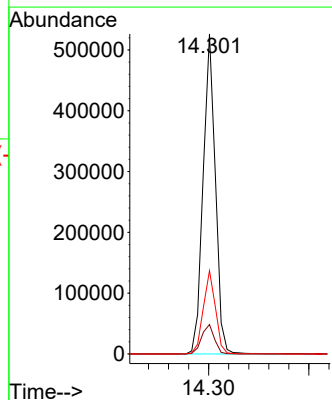
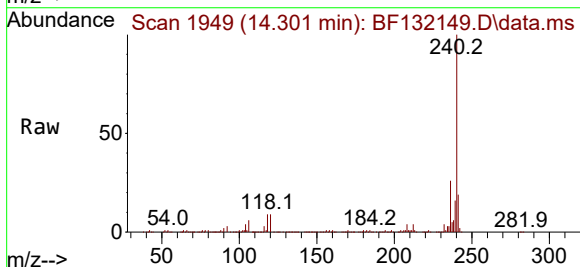
Instrument :
BNA_F
ClientSampleId :
PB150317BL

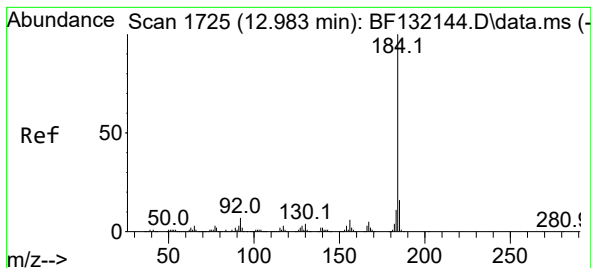
Tgt Ion:248 Resp: 30280
Ion Ratio Lower Upper
248 100
250 195.1 77.4 116.0#
141 517.0 62.2 93.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.301 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BF132149.D
Acq: 19 Jan 2023 16:23

Tgt Ion:240 Resp: 448904
Ion Ratio Lower Upper
240 100
120 9.2 6.9 10.3
236 26.0 20.3 30.5





#77

Benzidine

Concen: 2.612 ng

RT: 13.236 min Scan# 1768

Delta R.T. 0.253 min

Lab File: BF132149.D

Acq: 19 Jan 2023 16:23

Instrument :

BNA_F

ClientSampleId :

PB150317BL

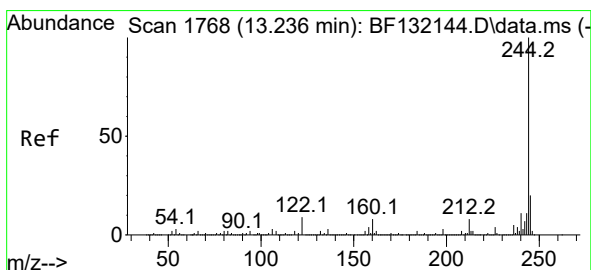
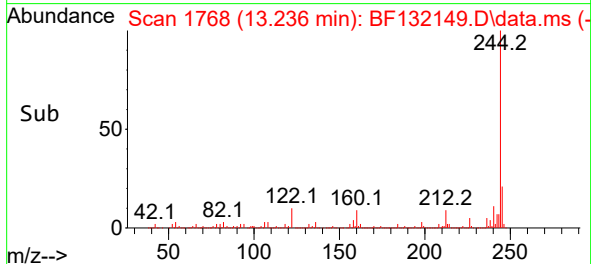
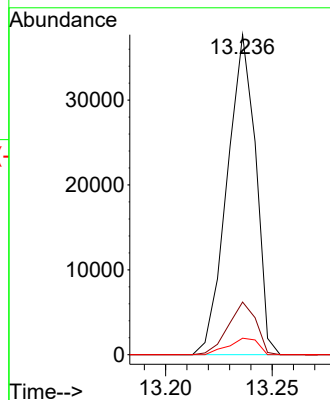
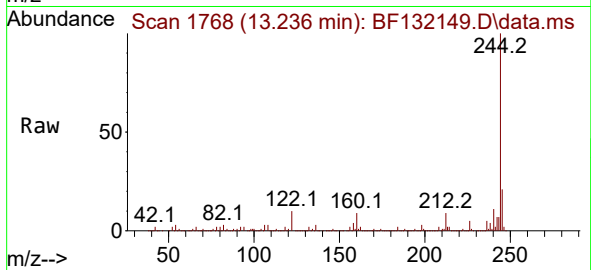
Tgt Ion:184 Resp: 35199

Ion Ratio Lower Upper

184 100

185 16.4 12.5 18.7

183 5.1 9.0 13.4#



#79

Terphenyl-d14

Concen: 78.760 ng

RT: 13.236 min Scan# 1768

Delta R.T. 0.000 min

Lab File: BF132149.D

Acq: 19 Jan 2023 16:23

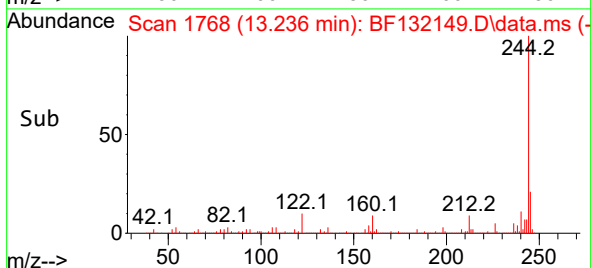
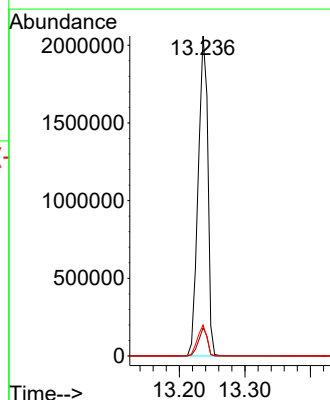
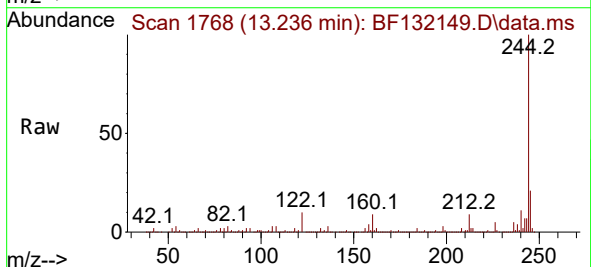
Tgt Ion:244 Resp: 2110643

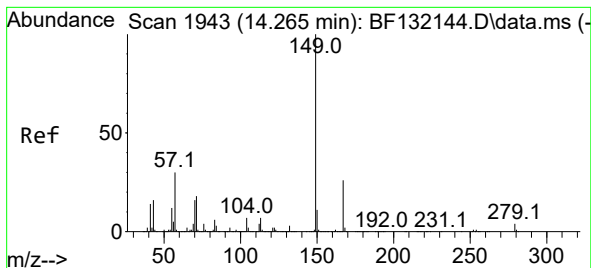
Ion Ratio Lower Upper

244 100

212 8.8 6.7 10.1

122 9.7 7.4 11.2

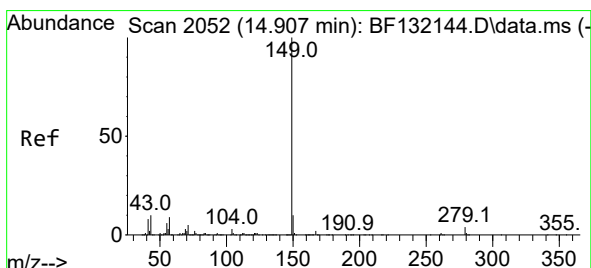
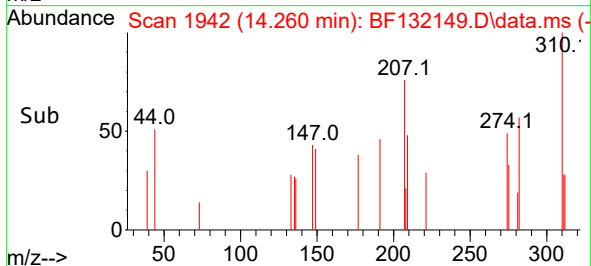
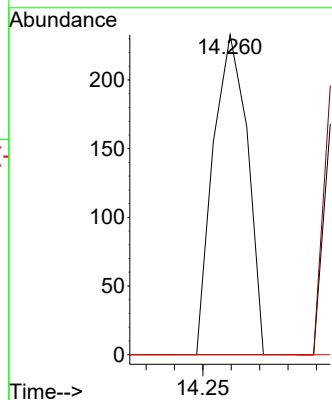
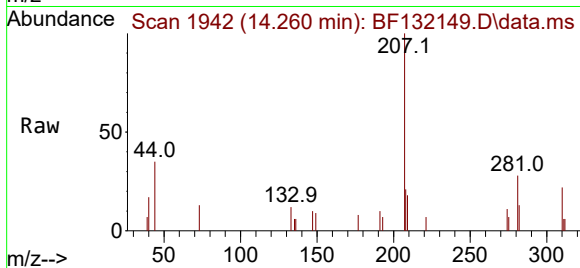




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.502 ng
RT: 14.260 min Scan# 1943
Delta R.T. -0.005 min
Lab File: BF132149.D
Acq: 19 Jan 2023 16:23

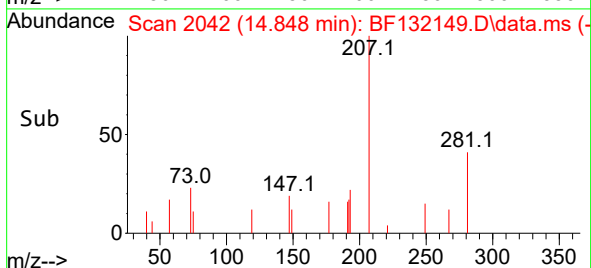
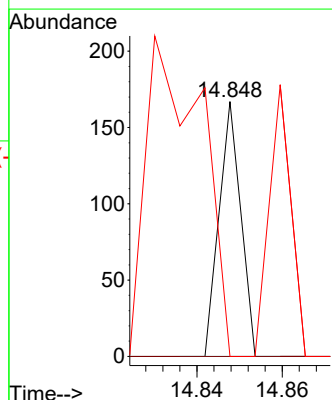
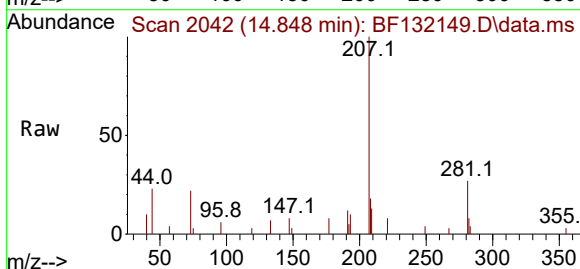
Instrument :
BNA_F
ClientSampleId :
PB150317BL

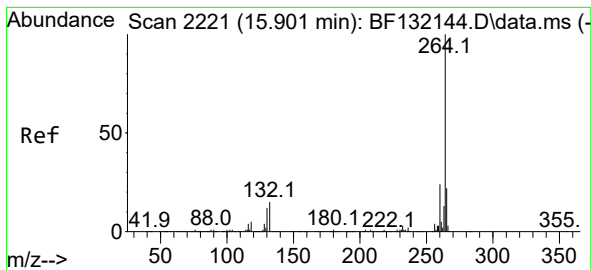
Tgt Ion:149 Resp: 195
Ion Ratio Lower Upper
149 100
167 0.0 21.0 31.6#
279 0.0 3.2 4.8#



#85
Di-n-octyl phthalate
Concen: 5.339 ng
RT: 14.848 min Scan# 2042
Delta R.T. -0.059 min
Lab File: BF132149.D
Acq: 19 Jan 2023 16:23

Tgt Ion:149 Resp: 59
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 106.8 8.4 12.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.895 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF132149.D

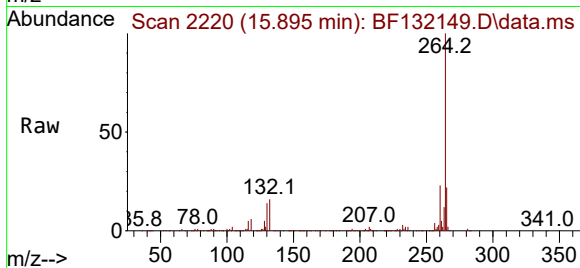
Acq: 19 Jan 2023 16:23

Instrument :

BNA_F

ClientSampleId :

PB150317BL



Tgt Ion:264 Resp: 328018

Ion Ratio Lower Upper

264 100

260 23.3 19.1 28.7

265 21.8 17.4 26.0

