

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
 Data File : BF132180.D
 Acq On : 21 Jan 2023 01:28
 Operator : CG\JU
 Sample : 01233-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-P36B

Quant Time: Jan 21 03:59:24 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)

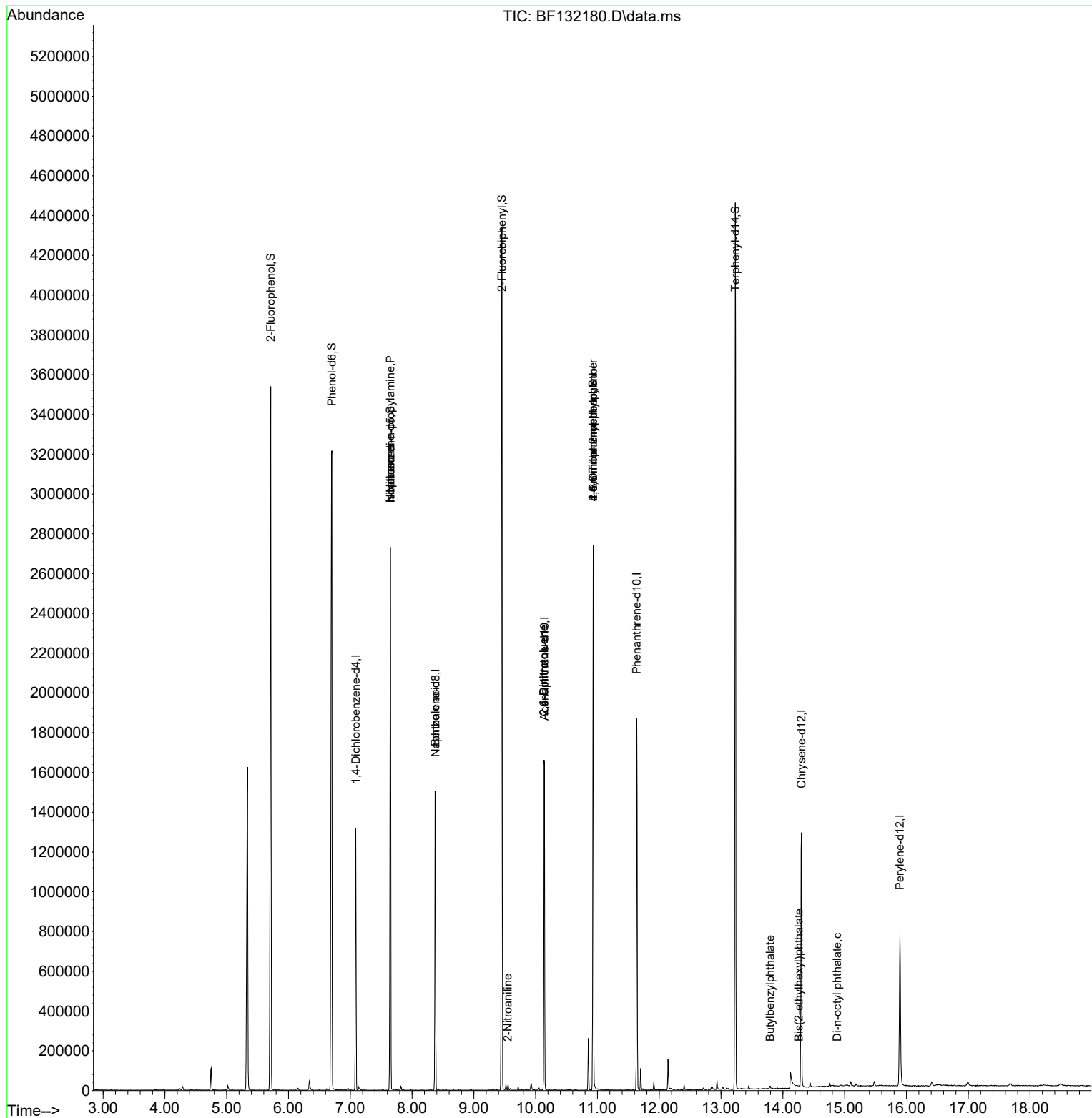
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.090	152	179392	20.000	ng	0.00
21) Naphthalene-d8	8.378	136	645668	20.000	ng	0.00
39) Acenaphthene-d10	10.142	164	348624	20.000	ng	0.00
64) Phenanthrene-d10	11.636	188	667878	20.000	ng	0.00
76) Chrysene-d12	14.301	240	443182	20.000	ng	0.00
86) Perylene-d12	15.895	264	380998	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.713	112	900211	87.661	ng	0.00
7) Phenol-d6	6.701	99	1274103	98.561	ng	0.00
23) Nitrobenzene-d5	7.648	82	840482	69.152	ng	0.00
42) 2,4,6-Tribromophenol	10.930	330	299533	80.437	ng	0.00
45) 2-Fluorobiphenyl	9.454	172	1372571	57.530	ng	0.00
79) Terphenyl-d14	13.230	244	1620801	61.262	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.648	70	113325	14.312	ng	# 77
25) Isophorone	7.648	82	840472	35.342	ng	# 67
32) Benzoic acid	8.372	122	75	7.863	ng	# 1
48) 2-Nitroaniline	9.548	65	308	2.577	ng	# 7
51) 2,6-Dinitrotoluene	10.136	165	44975	9.190	ng	# 23
57) 2,4-Dinitrotoluene	10.136	165	44975	7.656	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.930	198	920	8.046	ng	# 1
67) 4-Bromophenyl-phenylether	10.930	248	19508	2.396	ng	# 1
80) Butylbenzylphthalate	13.795	149	55	2.924	ng	# 20
84) Bis(2-ethylhexyl)phtha...	14.260	149	956	3.542	ng	# 96
85) Di-n-octyl phthalate	14.877	149	428	5.354	ng	# 3

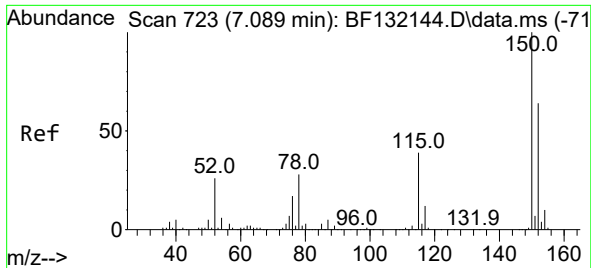
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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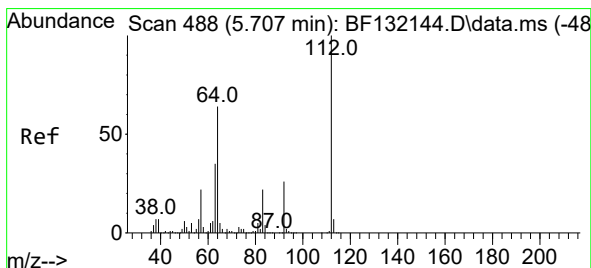
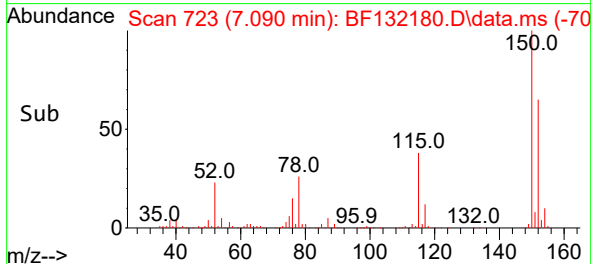
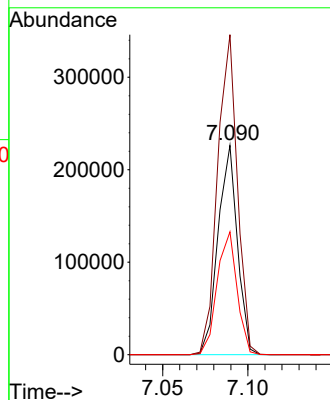
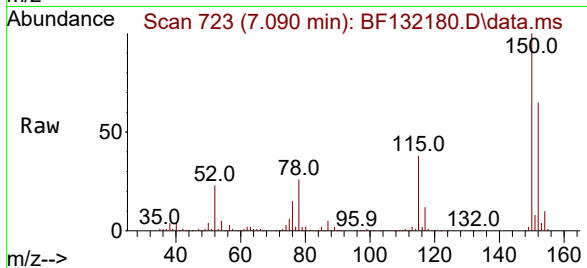




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.090 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132180.D
Acq: 21 Jan 2023 01:28

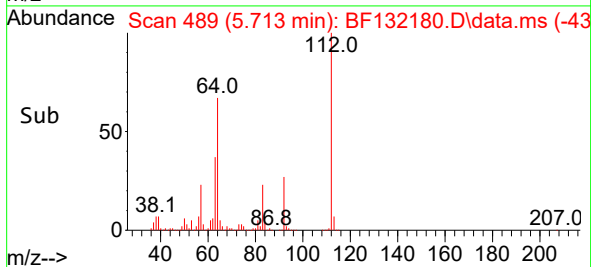
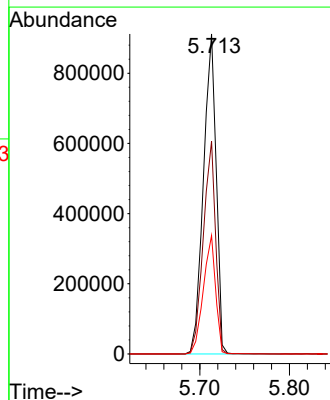
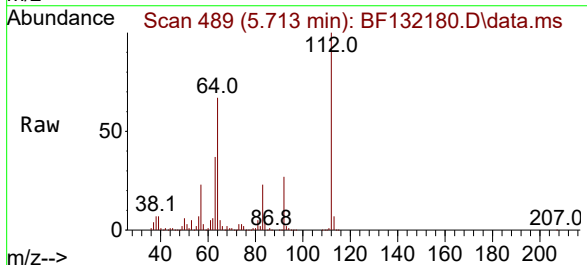
Instrument :
BNA_F
ClientSampleId :
B-P36B

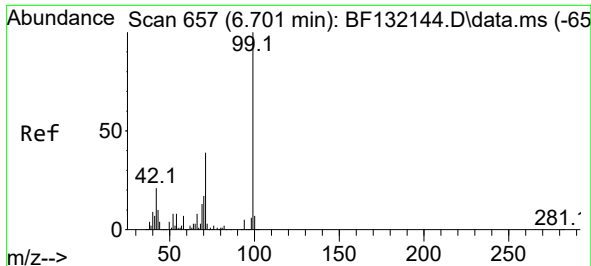
Tgt Ion:152 Resp: 179392
Ion Ratio Lower Upper
152 100
150 152.9 125.8 188.8
115 58.7 49.2 73.8



#5
2-Fluorophenol
Concen: 87.661 ng
RT: 5.713 min Scan# 489
Delta R.T. 0.006 min
Lab File: BF132180.D
Acq: 21 Jan 2023 01:28

Tgt Ion:112 Resp: 900211
Ion Ratio Lower Upper
112 100
64 66.5 51.4 77.0
63 37.0 28.2 42.2



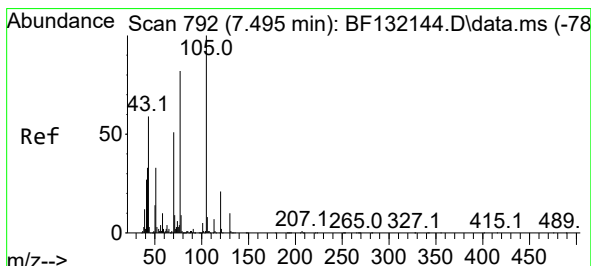
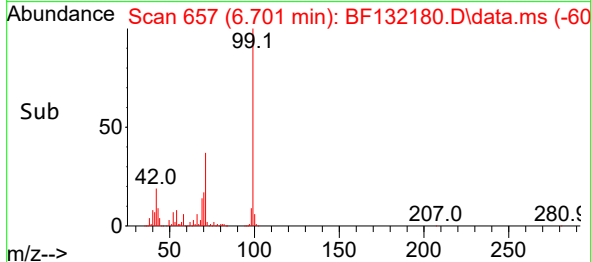
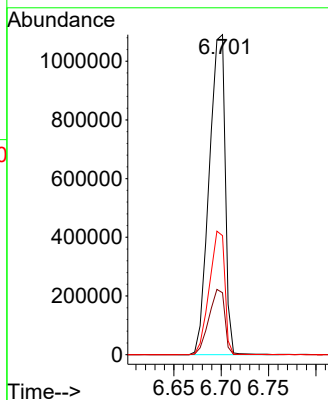
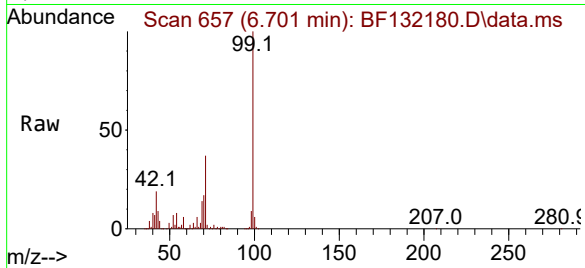


#7
Phenol-d6
Concen: 98.561 ng
RT: 6.701 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132180.D
Acq: 21 Jan 2023 01:28

Instrument :
BNA_F
ClientSampleId :
B-P36B

Tgt Ion: 99 Resp: 1274103

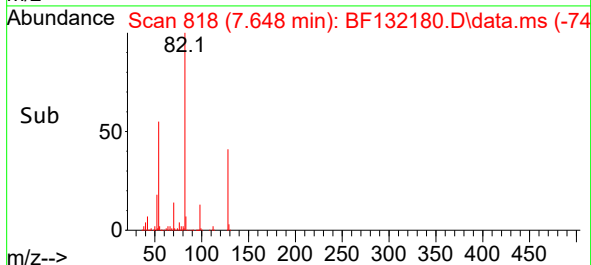
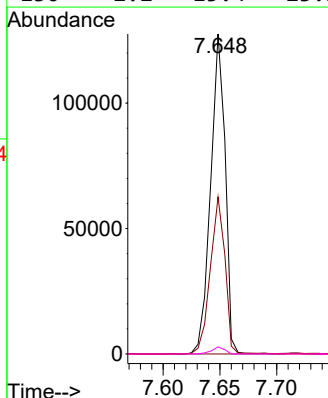
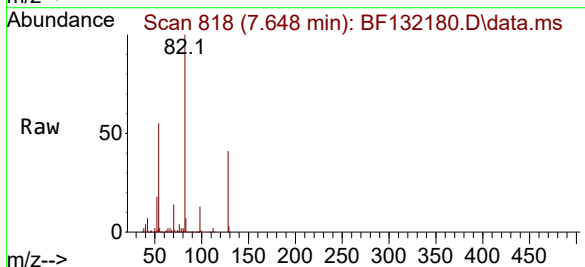
Ion	Ratio	Lower	Upper
99	100		
42	19.4	16.6	24.8
71	37.2	30.8	46.2

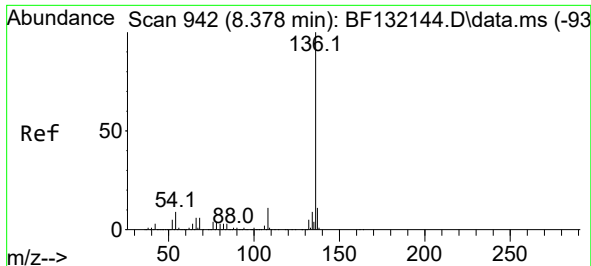


#19
n-Nitroso-di-n-propylamine
Concen: 14.312 ng
RT: 7.648 min Scan# 818
Delta R.T. 0.153 min
Lab File: BF132180.D
Acq: 21 Jan 2023 01:28

Tgt Ion: 70 Resp: 113325

Ion	Ratio	Lower	Upper
70	100		
42	49.1	51.0	76.4#
101	0.0	7.3	10.9#
130	2.2	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: BF132180.D

Acq: 21 Jan 2023 01:28

Instrument :

BNA_F

ClientSampleId :

B-P36B

Tgt Ion:136 Resp: 645668

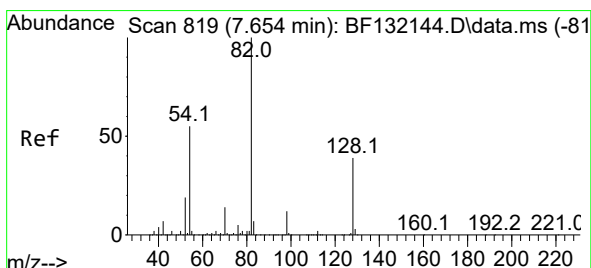
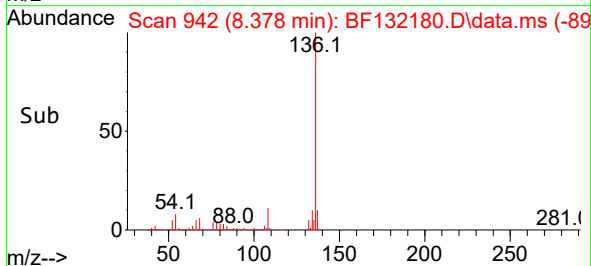
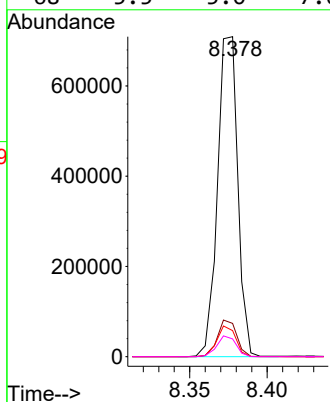
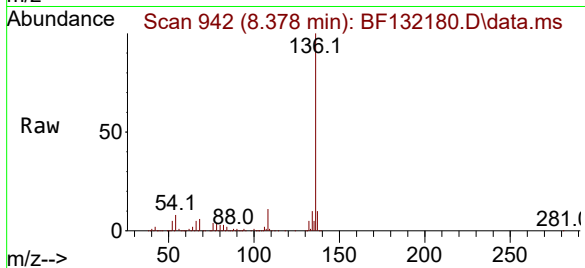
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 8.1 7.0 10.6

68 5.5 5.0 7.6



#23

Nitrobenzene-d5

Concen: 69.152 ng

RT: 7.648 min Scan# 818

Delta R.T. -0.006 min

Lab File: BF132180.D

Acq: 21 Jan 2023 01:28

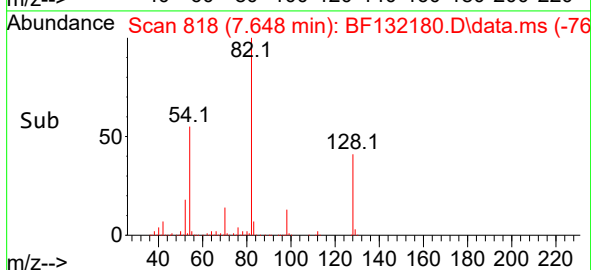
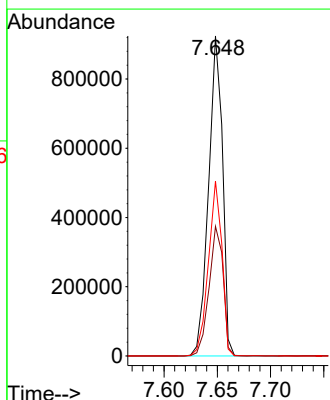
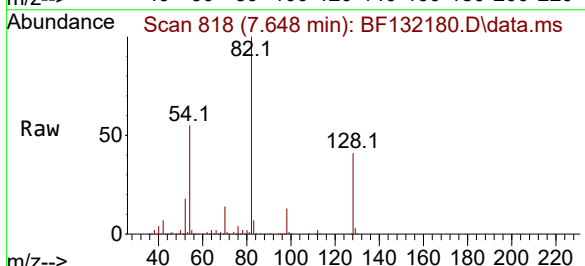
Tgt Ion: 82 Resp: 840482

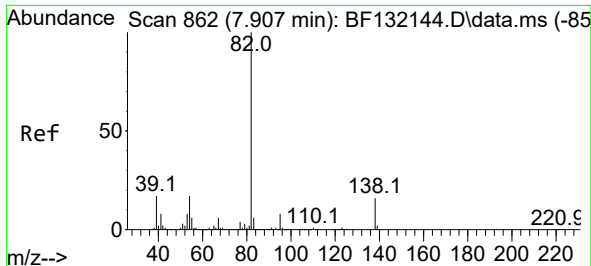
Ion Ratio Lower Upper

82 100

128 40.5 31.1 46.7

54 54.7 43.9 65.9

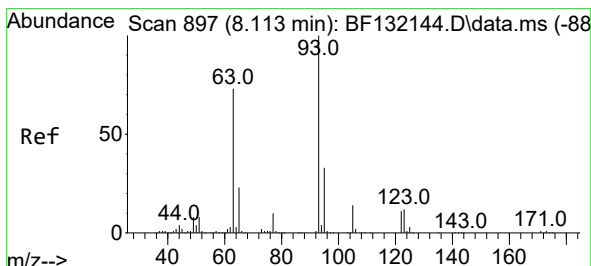
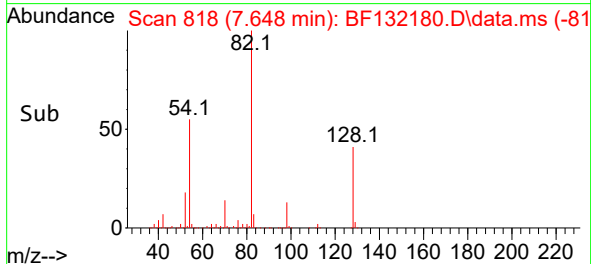
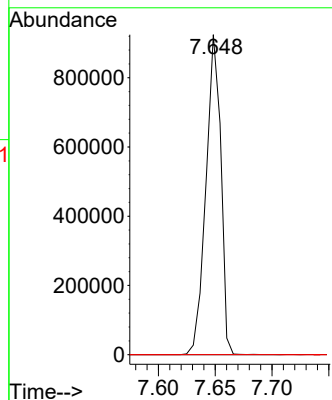
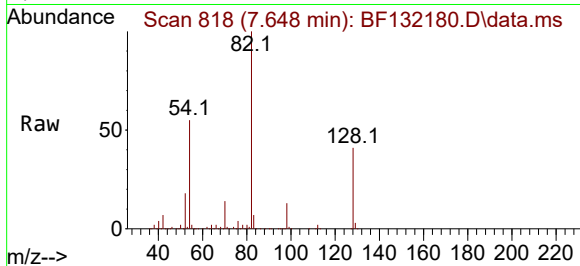




#25
Isophorone
Concen: 35.342 ng
RT: 7.648 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132180.D
Acq: 21 Jan 2023 01:28

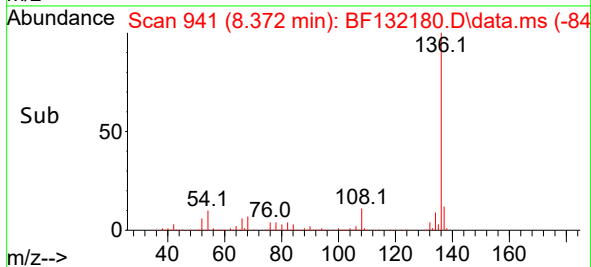
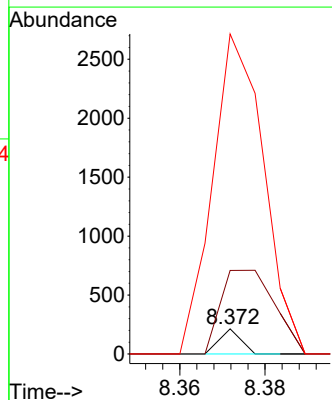
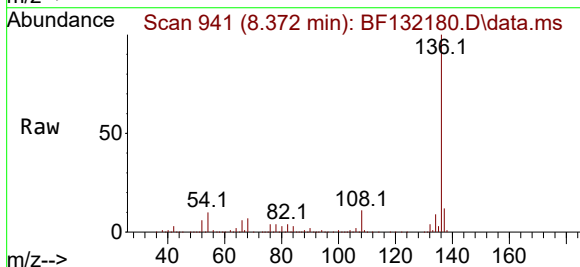
Instrument :
BNA_F
ClientSampleId :
B-P36B

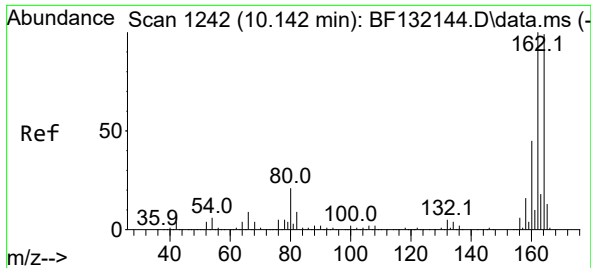
Tgt Ion: 82 Resp: 840472
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.9 19.3#



#32
Benzoic acid
Concen: 7.863 ng
RT: 8.372 min Scan# 941
Delta R.T. 0.259 min
Lab File: BF132180.D
Acq: 21 Jan 2023 01:28

Tgt Ion:122 Resp: 75
Ion Ratio Lower Upper
122 100
105 331.3 96.8 136.8#
77 1268.7 72.5 112.5#

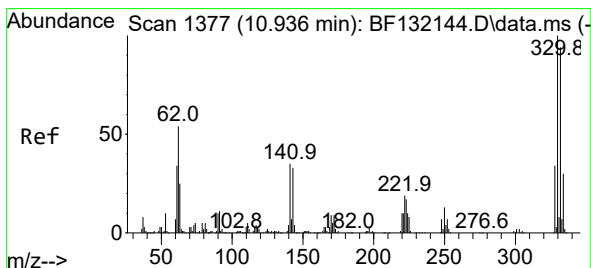
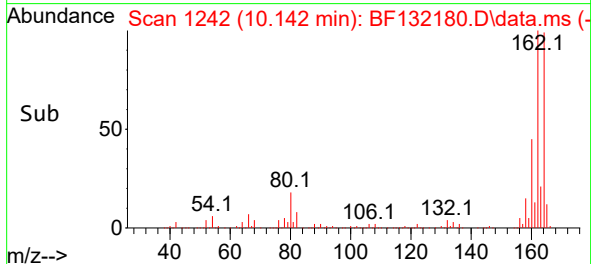
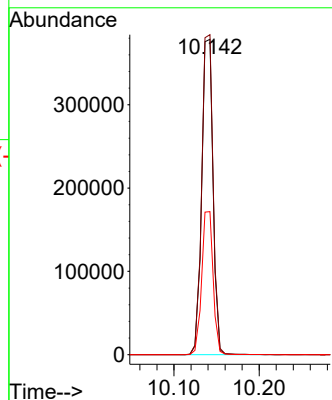
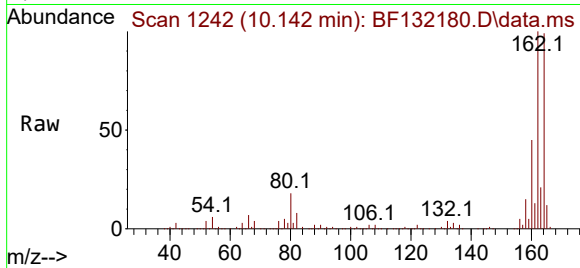




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.142 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132180.D
Acq: 21 Jan 2023 01:28

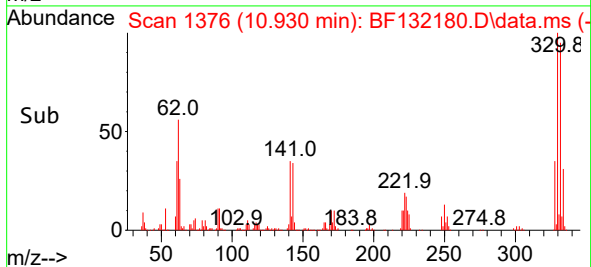
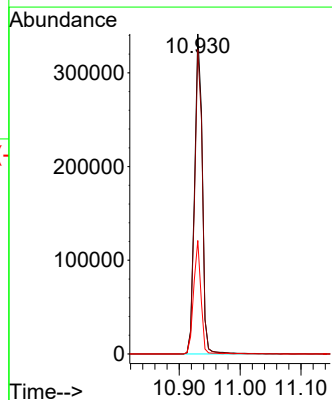
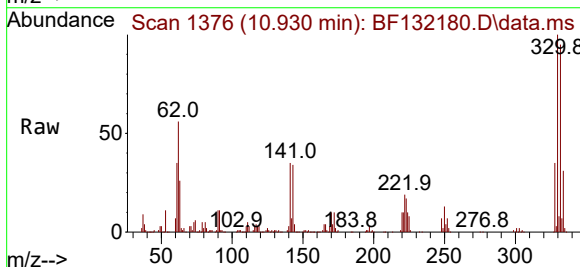
Instrument :
BNA_F
ClientSampleId :
B-P36B

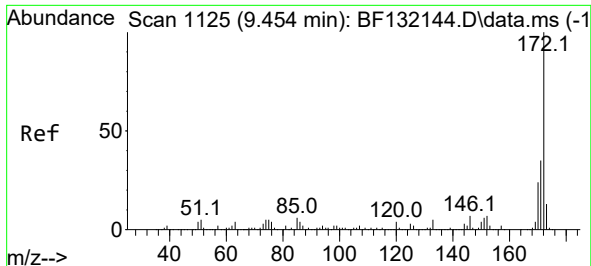
Tgt Ion:164 Resp: 348624
Ion Ratio Lower Upper
164 100
162 101.5 81.2 121.8
160 45.4 36.9 55.3



#42
2,4,6-Tribromophenol
Concen: 80.437 ng
RT: 10.930 min Scan# 1376
Delta R.T. -0.006 min
Lab File: BF132180.D
Acq: 21 Jan 2023 01:28

Tgt Ion:330 Resp: 299533
Ion Ratio Lower Upper
330 100
332 95.6 75.6 113.4
141 33.5 27.1 40.7





#45

2-Fluorobiphenyl

Concen: 57.530 ng

RT: 9.454 min Scan# 1125

Delta R.T. 0.000 min

Lab File: BF132180.D

Acq: 21 Jan 2023 01:28

Instrument :

BNA_F

ClientSampleId :

B-P36B

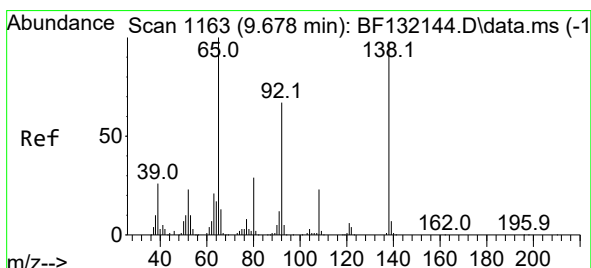
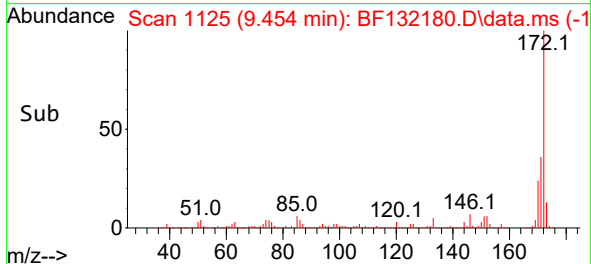
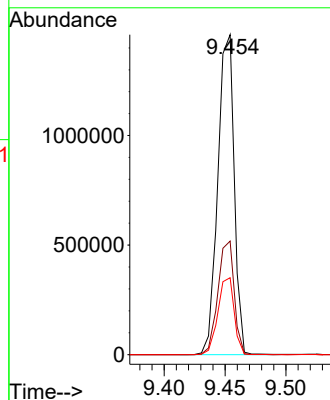
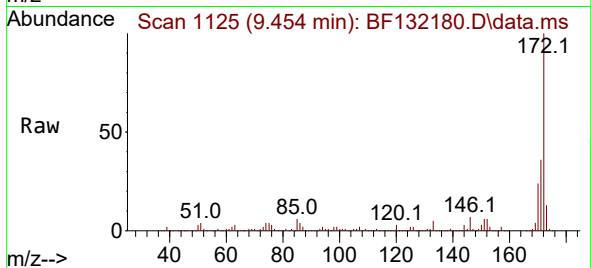
Tgt Ion:172 Resp: 1372571

Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 24.1 19.6 29.4



#48

2-Nitroaniline

Concen: 2.577 ng

RT: 9.548 min Scan# 1141

Delta R.T. -0.130 min

Lab File: BF132180.D

Acq: 21 Jan 2023 01:28

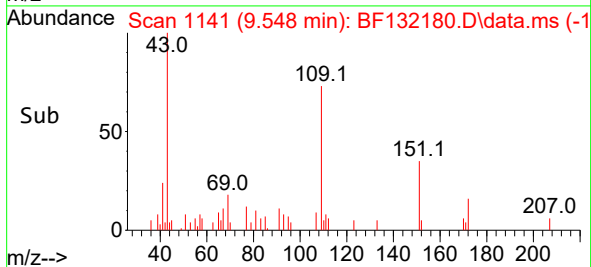
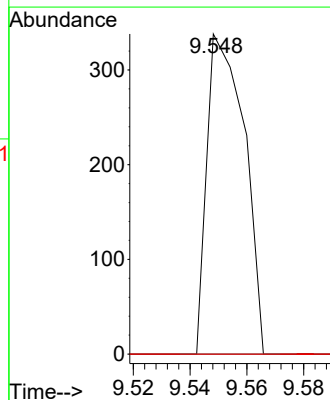
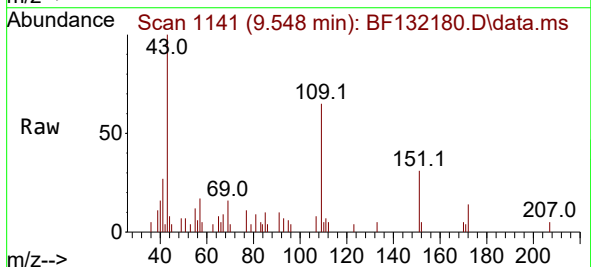
Tgt Ion: 65 Resp: 308

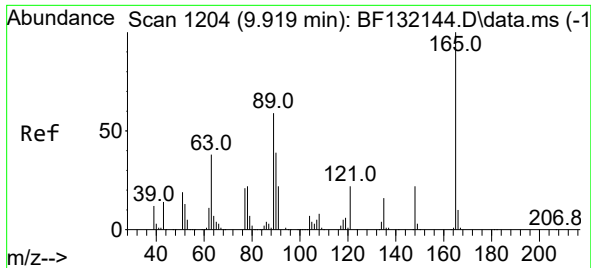
Ion Ratio Lower Upper

65 100

92 0.0 53.8 80.6#

138 0.0 78.7 118.1#

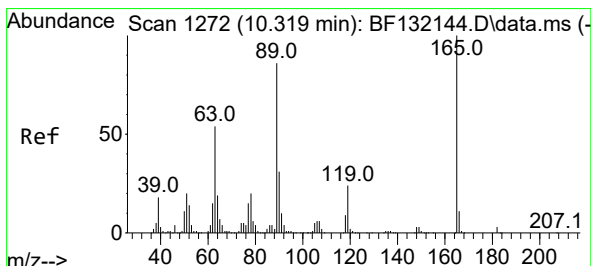
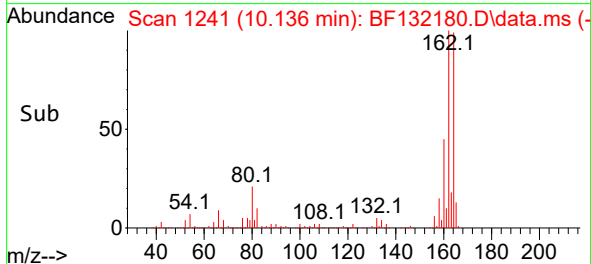
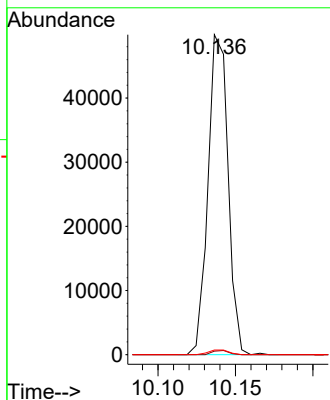
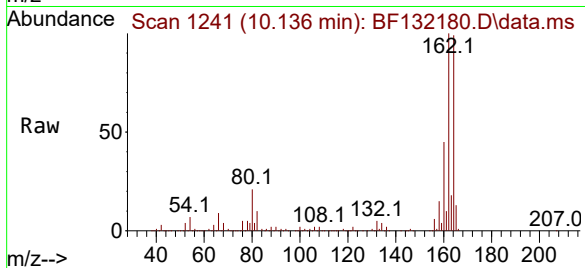




#51
2,6-Dinitrotoluene
Concen: 9.190 ng
RT: 10.136 min Scan# 1241
Delta R.T. 0.217 min
Lab File: BF132180.D
Acq: 21 Jan 2023 01:28

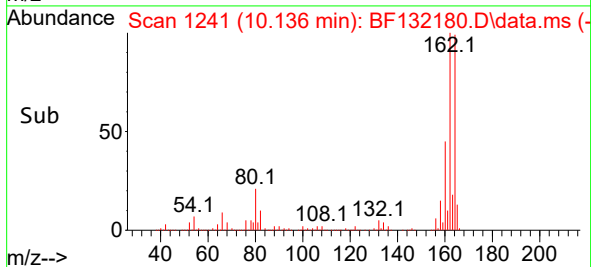
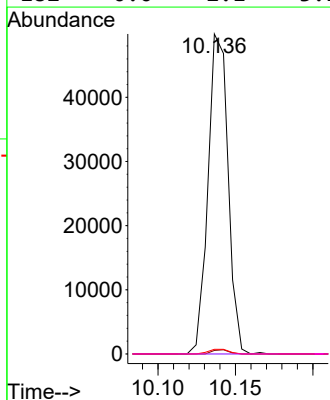
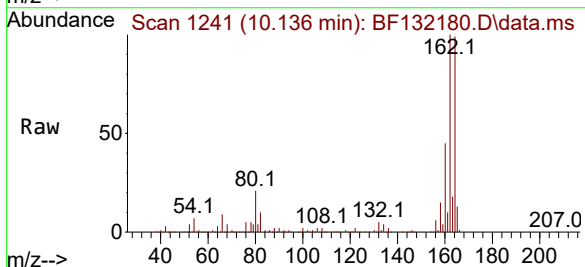
Instrument :
BNA_F
ClientSampleId :
B-P36B

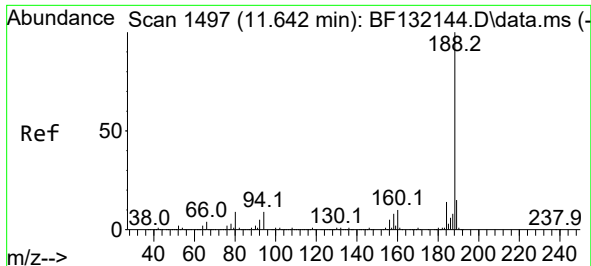
Tgt Ion:165 Resp: 44975
Ion Ratio Lower Upper
165 100
63 1.1 46.6 70.0#
89 1.5 47.4 71.2#



#57
2,4-Dinitrotoluene
Concen: 7.656 ng
RT: 10.136 min Scan# 1241
Delta R.T. -0.183 min
Lab File: BF132180.D
Acq: 21 Jan 2023 01:28

Tgt Ion:165 Resp: 44975
Ion Ratio Lower Upper
165 100
63 1.1 43.5 65.3#
89 1.5 69.0 103.6#
182 0.0 2.1 3.1#

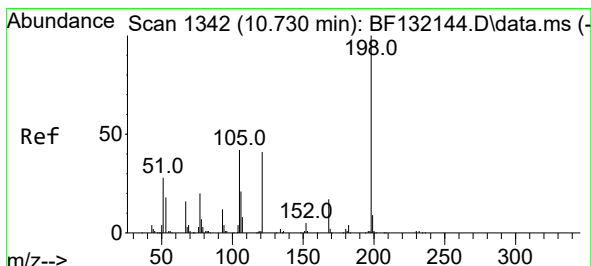
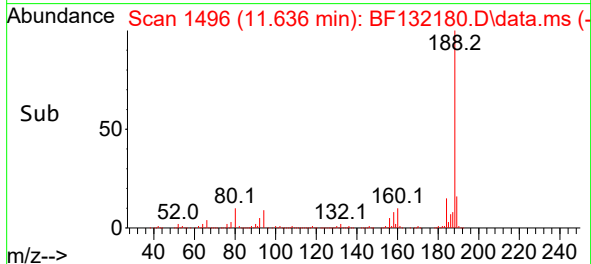
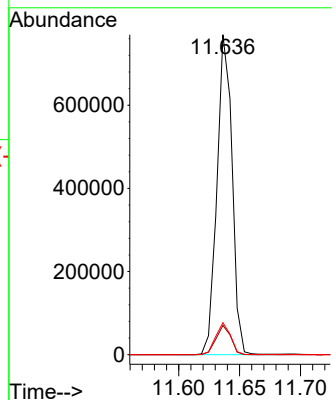
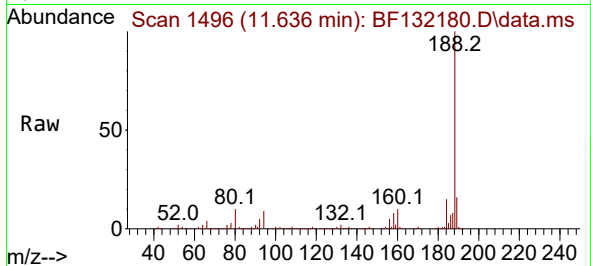




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.636 min Scan# 1497
Delta R.T. -0.006 min
Lab File: BF132180.D
Acq: 21 Jan 2023 01:28

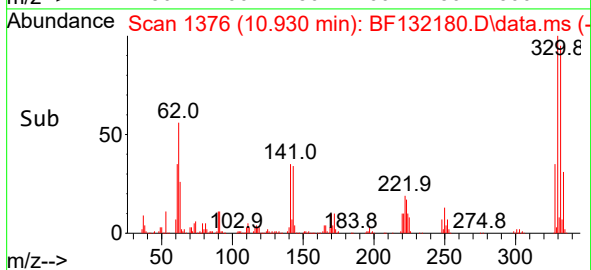
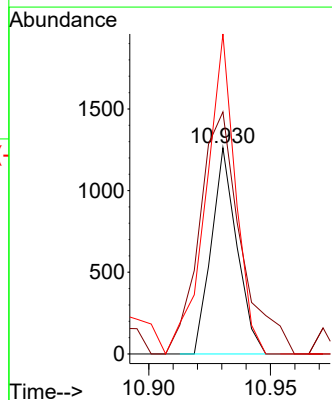
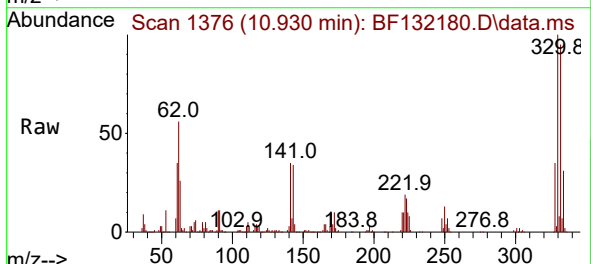
Instrument :
BNA_F
ClientSampleId :
B-P36B

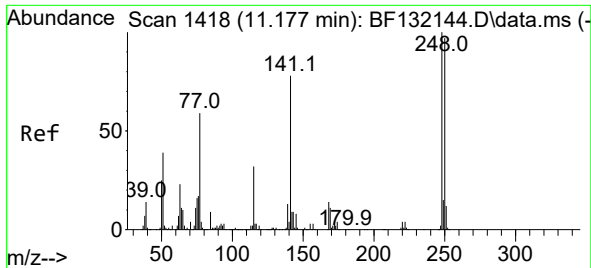
Tgt Ion:188 Resp: 667878
Ion Ratio Lower Upper
188 100
94 9.2 6.9 10.3
80 10.0 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 8.046 ng
RT: 10.930 min Scan# 1376
Delta R.T. 0.200 min
Lab File: BF132180.D
Acq: 21 Jan 2023 01:28

Tgt Ion:198 Resp: 920
Ion Ratio Lower Upper
198 100
51 117.3 24.3 64.3#
105 155.1 23.3 63.3#

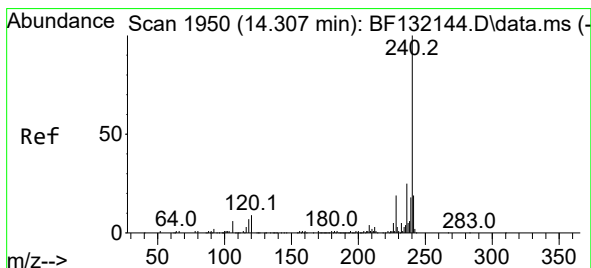
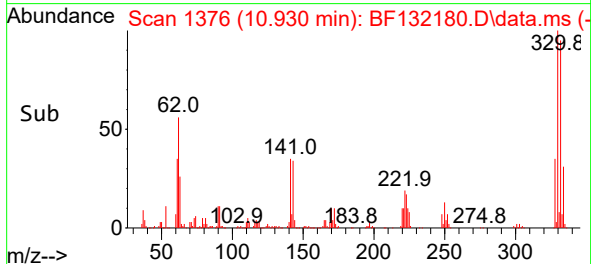
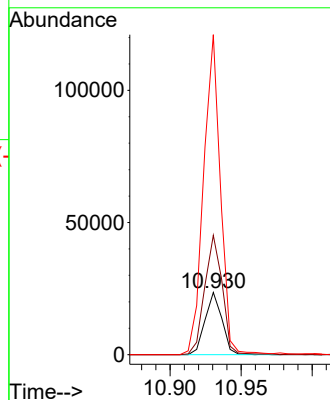
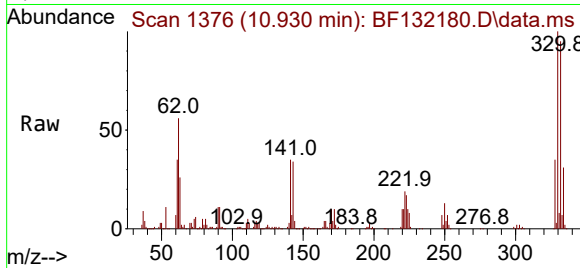




#67
4-Bromophenyl-phenylether
Concen: 2.396 ng
RT: 10.930 min Scan# 11
Delta R.T. -0.247 min
Lab File: BF132180.D
Acq: 21 Jan 2023 01:28

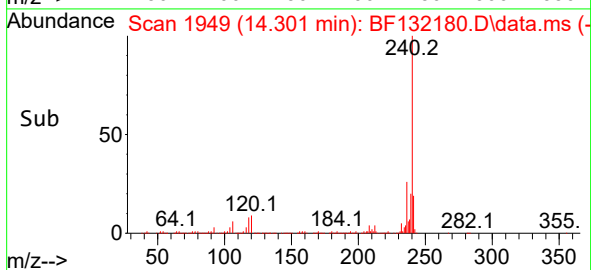
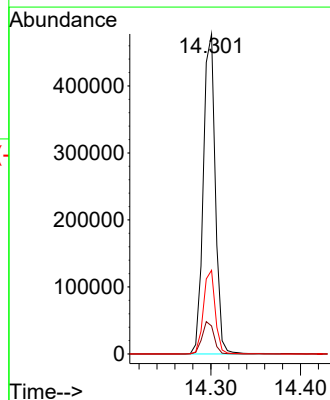
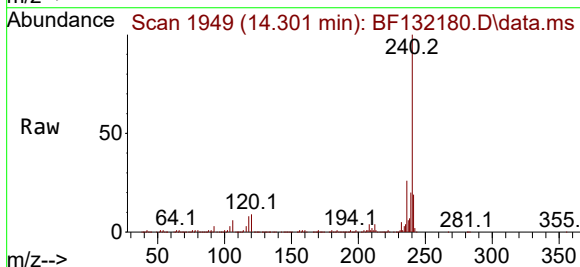
Instrument :
BNA_F
ClientSampleId :
B-P36B

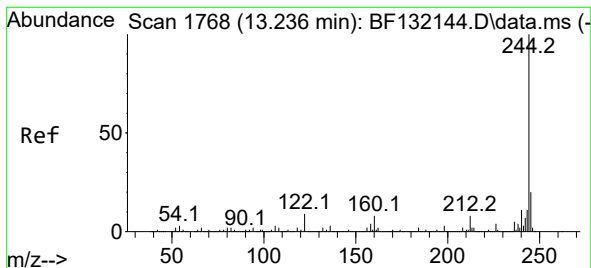
Tgt Ion:248 Resp: 19508
Ion Ratio Lower Upper
248 100
250 191.9 77.4 116.0#
141 514.7 62.2 93.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.301 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BF132180.D
Acq: 21 Jan 2023 01:28

Tgt Ion:240 Resp: 443182
Ion Ratio Lower Upper
240 100
120 8.7 6.9 10.3
236 26.2 20.3 30.5





#79

Terphenyl-d14

Concen: 61.262 ng

RT: 13.230 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132180.D

Acq: 21 Jan 2023 01:28

Instrument :

BNA_F

ClientSampleId :

B-P36B

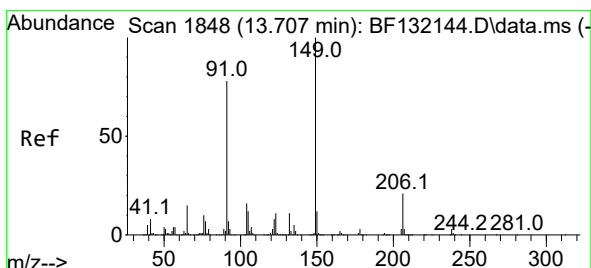
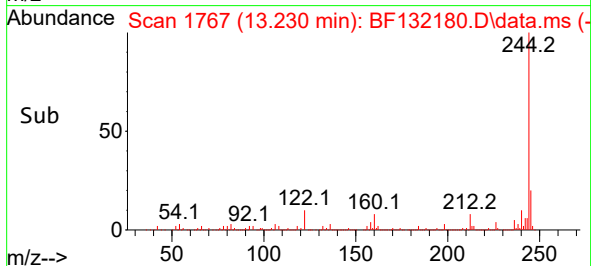
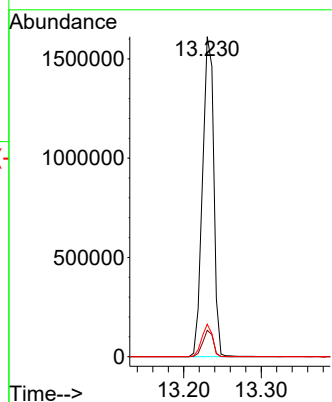
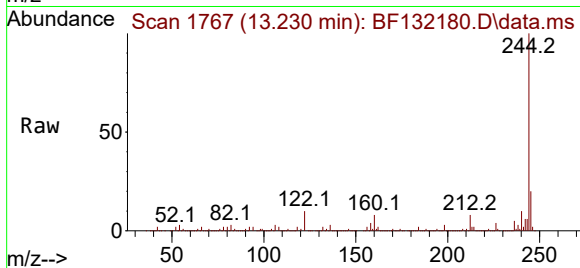
Tgt Ion:244 Resp: 1620801

Ion Ratio Lower Upper

244 100

212 8.2 6.7 10.1

122 10.1 7.4 11.2



#80

Butylbenzylphthalate

Concen: 2.924 ng

RT: 13.795 min Scan# 1863

Delta R.T. 0.088 min

Lab File: BF132180.D

Acq: 21 Jan 2023 01:28

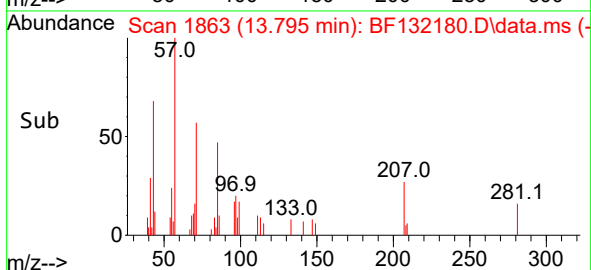
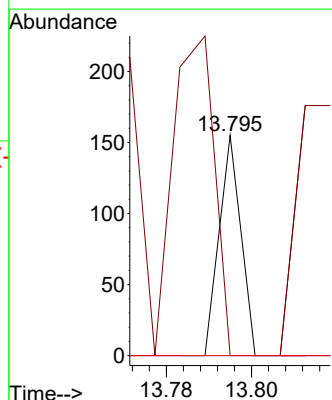
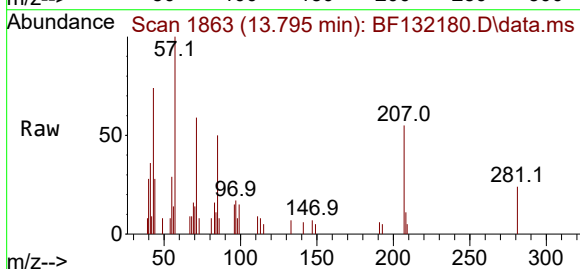
Tgt Ion:149 Resp: 55

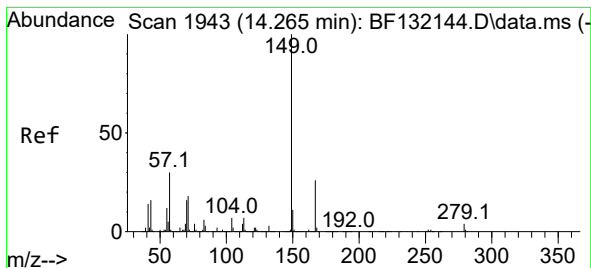
Ion Ratio Lower Upper

149 100

91 0.0 62.6 94.0#

206 0.0 16.4 24.6#

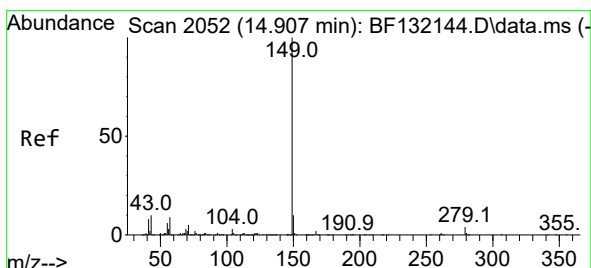
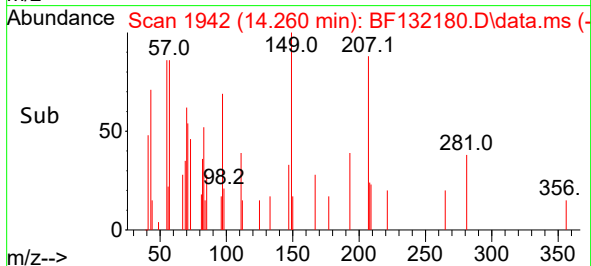
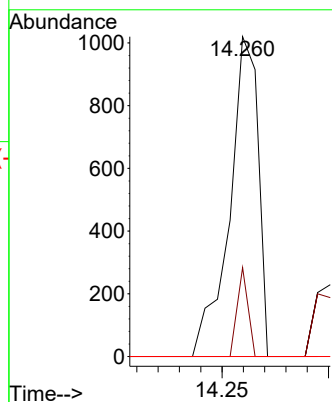
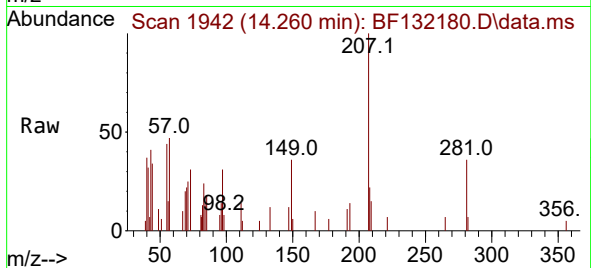




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.542 ng
 RT: 14.260 min Scan# 1943
 Delta R.T. -0.005 min
 Lab File: BF132180.D
 Acq: 21 Jan 2023 01:28

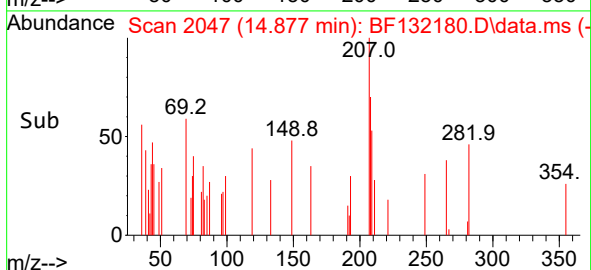
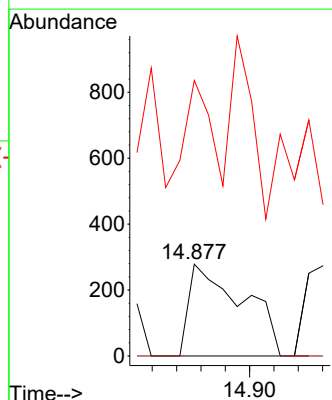
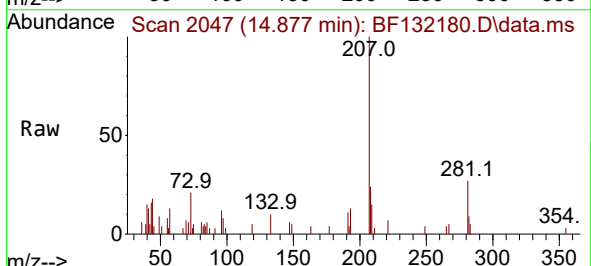
Instrument :
 BNA_F
 ClientSampleId :
 B-P36B

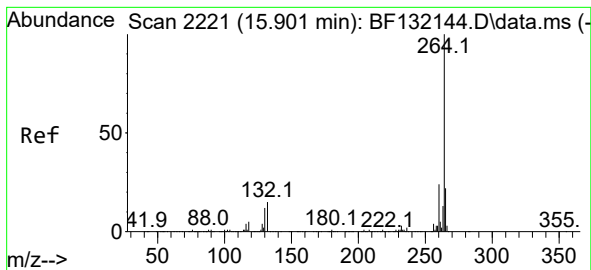
Tgt Ion:149 Resp: 956
 Ion Ratio Lower Upper
 149 100
 167 27.8 21.0 31.6
 279 0.0 3.2 4.8#



#85
 Di-n-octyl phthalate
 Concen: 5.354 ng
 RT: 14.877 min Scan# 2047
 Delta R.T. -0.030 min
 Lab File: BF132180.D
 Acq: 21 Jan 2023 01:28

Tgt Ion:149 Resp: 428
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.3 1.9#
 43 52.1 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: BF132180.D
Acq: 21 Jan 2023 01:28

Instrument :
BNA_F
ClientSampleId :
B-P36B

Tgt Ion:264 Resp: 380998
Ion Ratio Lower Upper
264 100
260 23.7 19.1 28.7
265 21.7 17.4 26.0

