

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120222\
 Data File : BF131501.D
 Acq On : 02 Dec 2022 18:02
 Operator : CG\JU
 Sample : N5847-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-40-GW-01

Quant Time: Dec 05 00:03:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 05 00:00:18 2022
 Response via : Initial Calibration

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

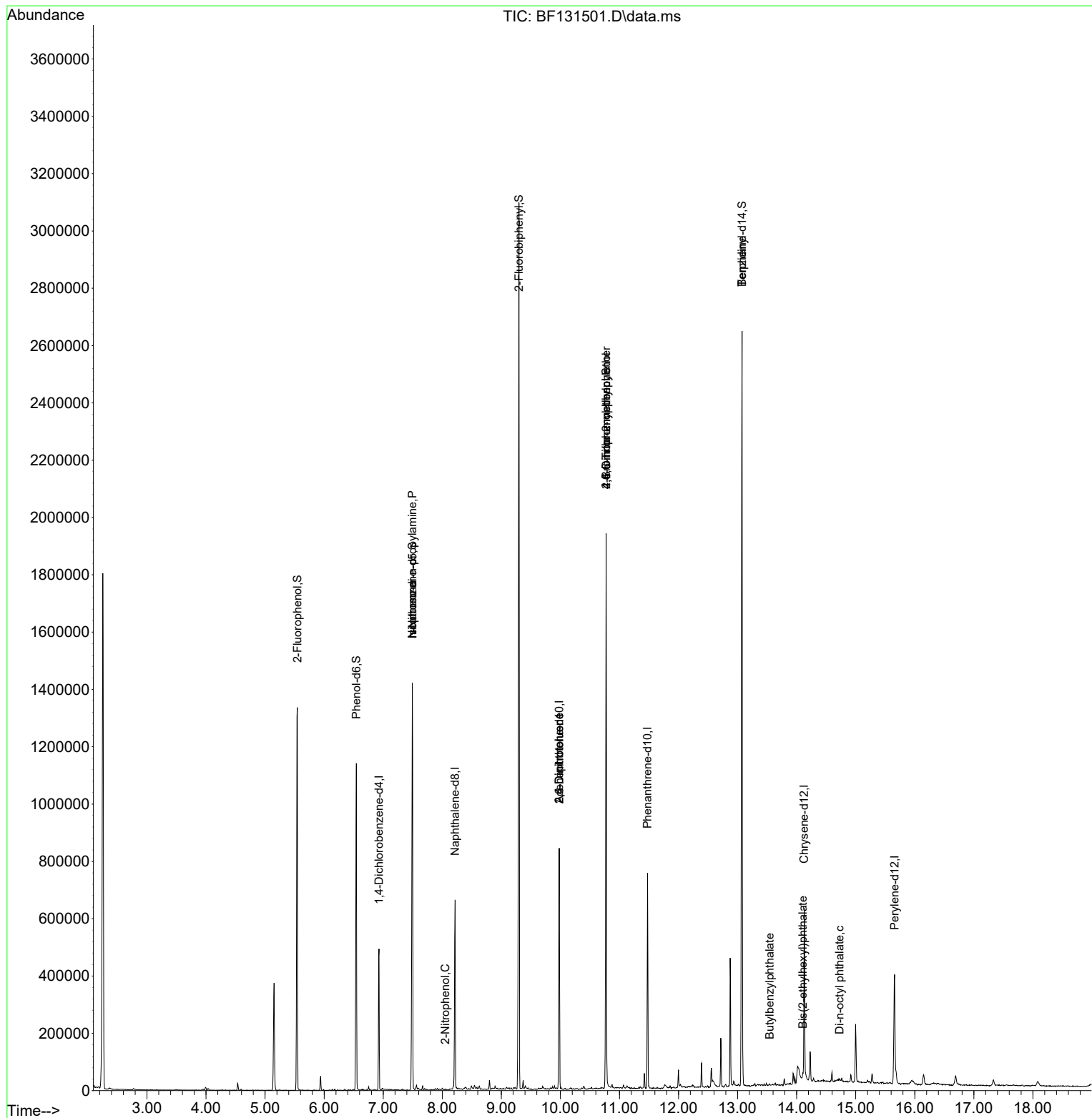
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	71866	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	270029	20.000	ng	# 0.00
39) Acenaphthene-d10	9.981	164	157991	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	251583	20.000	ng	0.00
76) Chrysene-d12	14.127	240	209658	20.000	ng	#-0.01
86) Perylene-d12	15.657	264	191440	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	333951	88.440	ng	0.01
7) Phenol-d6	6.546	99	328906	68.269	ng	-0.01
23) Nitrobenzene-d5	7.493	82	493331	92.094	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	224973	169.256	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	971205	89.431	ng	0.00
79) Terphenyl-d14	13.075	244	927128	72.313	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.546	77	519	Below Cal	#	4
19) n-Nitroso-di-n-propyla...	7.493	70	70437	19.971	ng	# 75
25) Isophorone	7.493	82	492179	51.499	ng	# 68
26) 2-Nitrophenol	8.051	139	106	3.640	ng	# 23
51) 2,6-Dinitrotoluene	9.981	165	19484	8.851	ng	# 15
57) 2,4-Dinitrotoluene	9.981	165	19484	7.034	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.775	198	651	5.250	ng	# 1
67) 4-Bromophenyl-phenylether	10.775	248	15244	4.944	ng	# 1
77) Benzidine	13.075	184	12397	3.201	ng	# 82
80) Butylbenzylphthalate	13.545	149	1170	4.315	ng	95
84) Bis(2-ethylhexyl)phtha...	14.104	149	5764	4.392	ng	97
85) Di-n-octyl phthalate	14.727	149	2454	4.141	ng	# 86

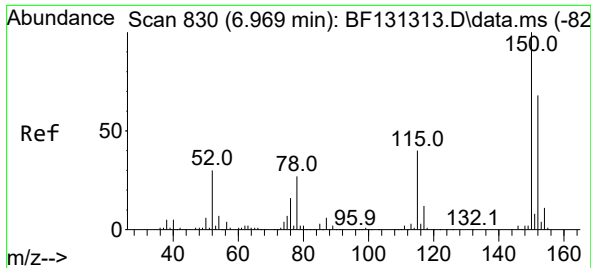
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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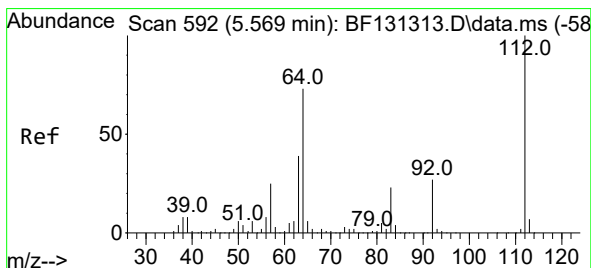
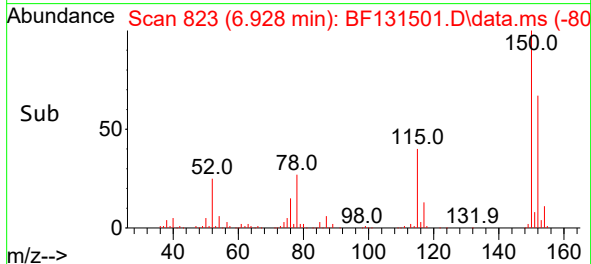
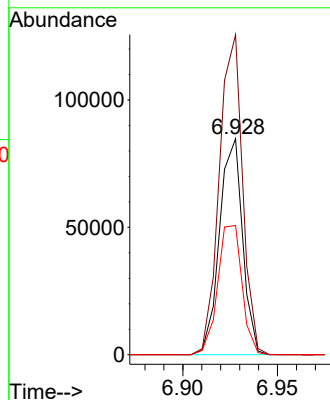
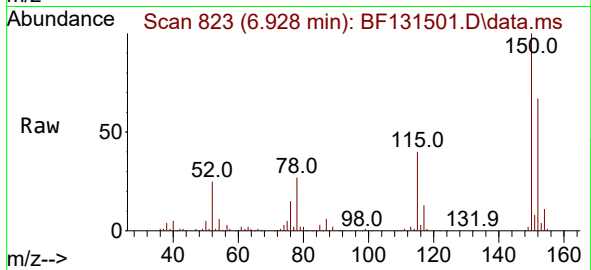




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131501.D
Acq: 02 Dec 2022 18:02

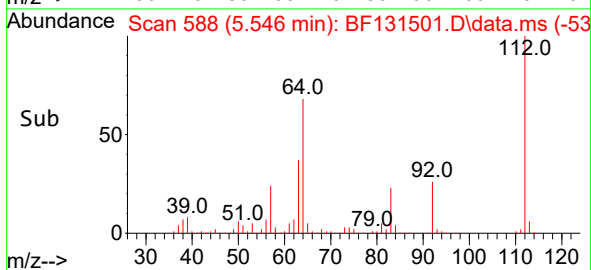
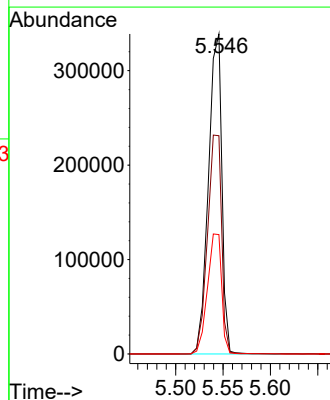
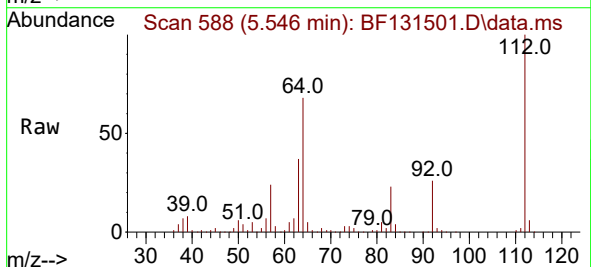
Instrument :
BNA_F
ClientSampleId :
B-40-GW-01

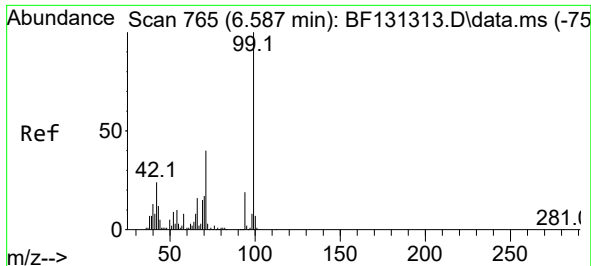
Tgt Ion:152 Resp: 71866
Ion Ratio Lower Upper
152 100
150 148.2 117.8 176.8
115 59.8 47.1 70.7



#5
2-Fluorophenol
Concen: 88.440 ng
RT: 5.546 min Scan# 588
Delta R.T. 0.012 min
Lab File: BF131501.D
Acq: 02 Dec 2022 18:02

Tgt Ion:112 Resp: 333951
Ion Ratio Lower Upper
112 100
64 68.2 58.6 88.0
63 37.3 31.4 47.0

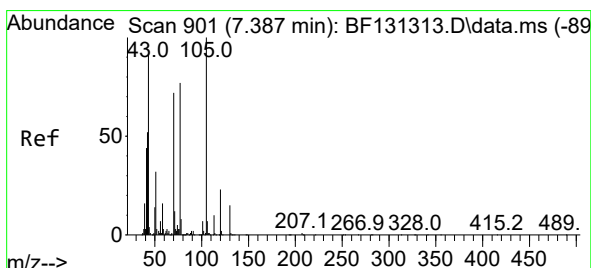
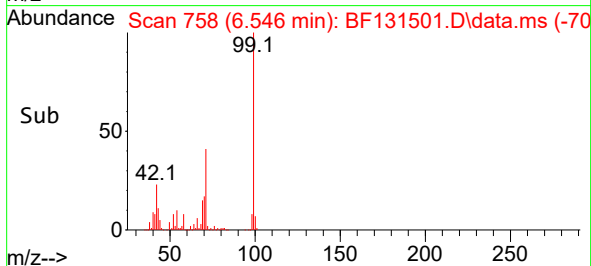
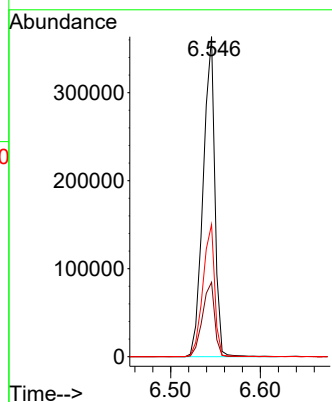
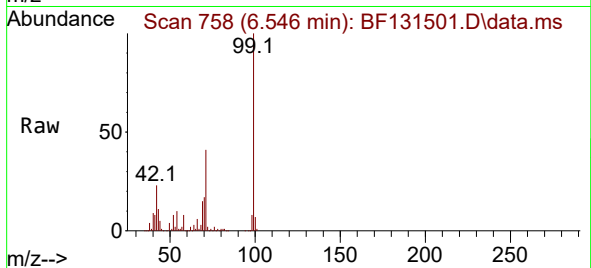




#7
Phenol-d6
Concen: 68.269 ng
RT: 6.546 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF131501.D
Acq: 02 Dec 2022 18:02

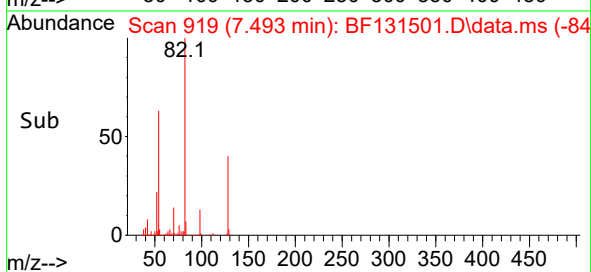
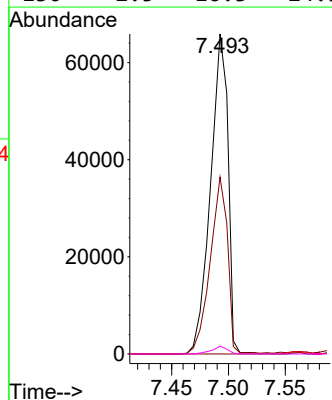
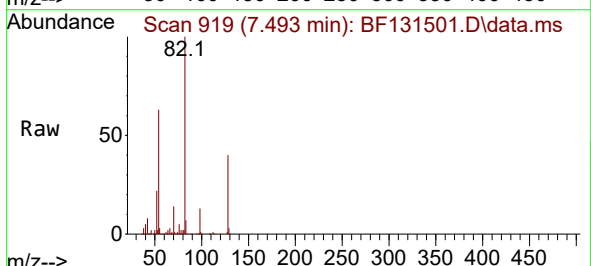
Instrument :
BNA_F
ClientSampleId :
B-40-GW-01

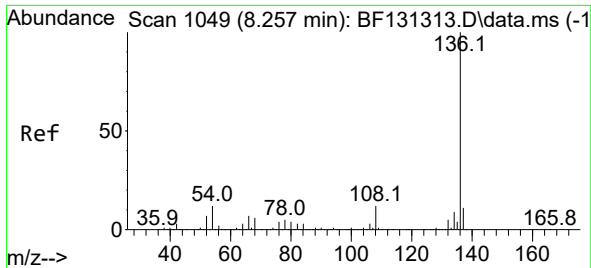
Tgt Ion: 99 Resp: 328906
Ion Ratio Lower Upper
99 100
42 23.2 19.4 29.2
71 41.3 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 19.971 ng
RT: 7.493 min Scan# 919
Delta R.T. 0.147 min
Lab File: BF131501.D
Acq: 02 Dec 2022 18:02

Tgt Ion: 70 Resp: 70437
Ion Ratio Lower Upper
70 100
42 55.2 57.6 86.4#
101 0.0 8.2 12.2#
130 2.5 16.3 24.5#



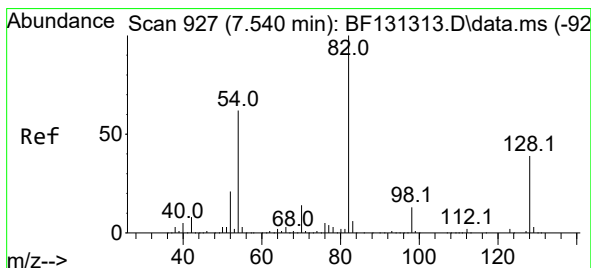
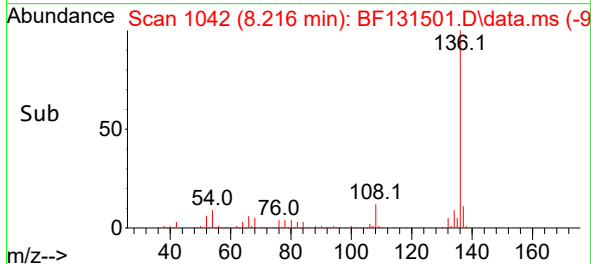
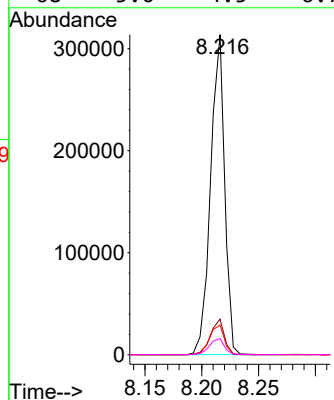
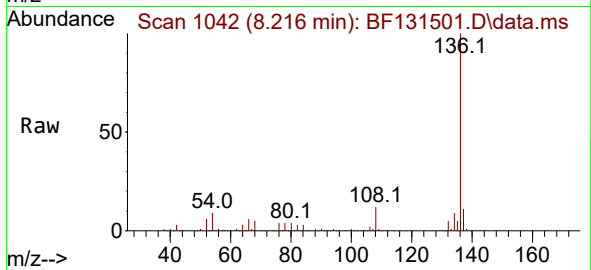


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF131501.D
Acq: 02 Dec 2022 18:02

Instrument :
BNA_F
ClientSampleId :
B-40-GW-01

Tgt Ion:136 Resp: 270029

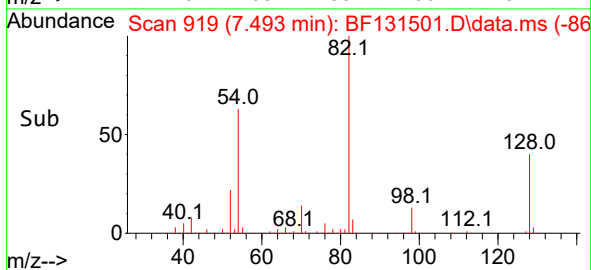
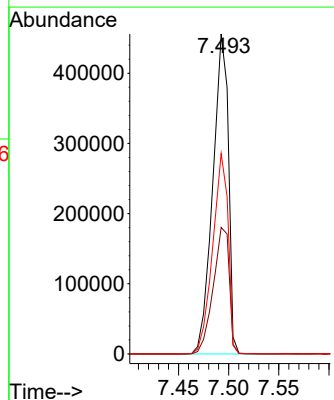
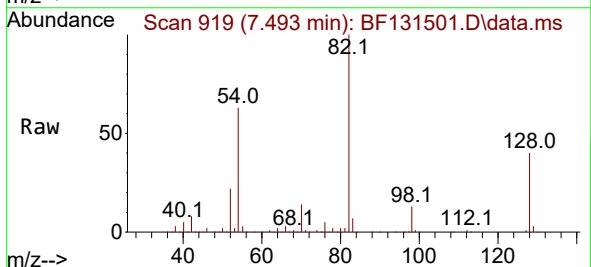
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	9.2	9.4	14.0
68	5.0	4.5	6.7

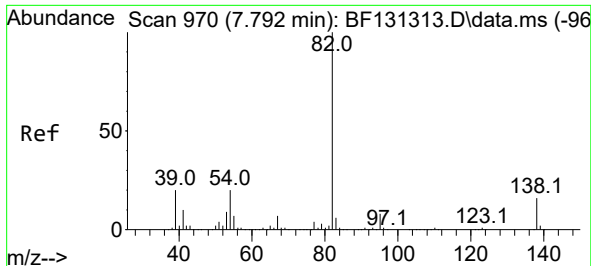


#23
Nitrobenzene-d5
Concen: 92.094 ng
RT: 7.493 min Scan# 919
Delta R.T. -0.006 min
Lab File: BF131501.D
Acq: 02 Dec 2022 18:02

Tgt Ion: 82 Resp: 493331

Ion	Ratio	Lower	Upper
82	100		
128	39.5	31.4	47.0
54	62.6	49.8	74.6

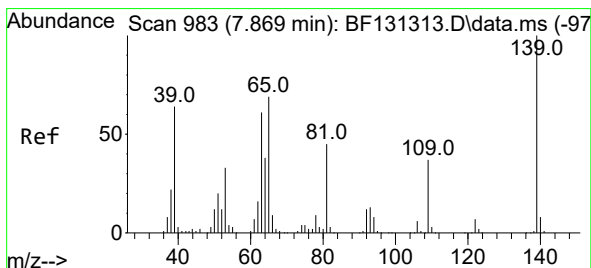
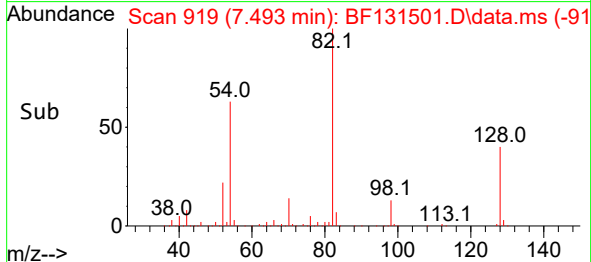
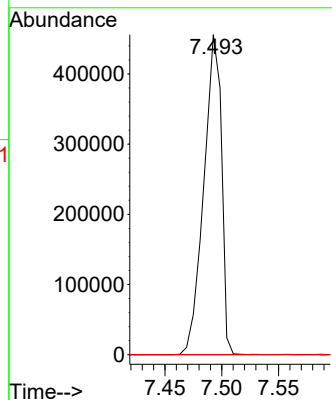
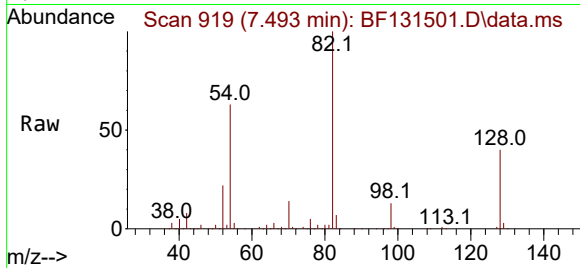




#25
Isophorone
Concen: 51.499 ng
RT: 7.493 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131501.D
Acq: 02 Dec 2022 18:02

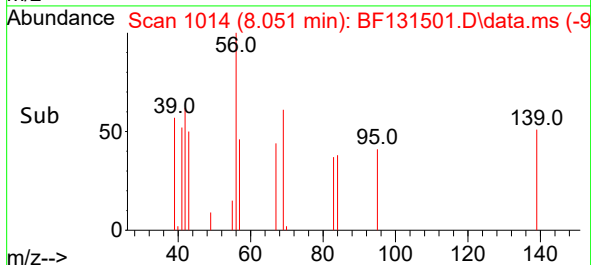
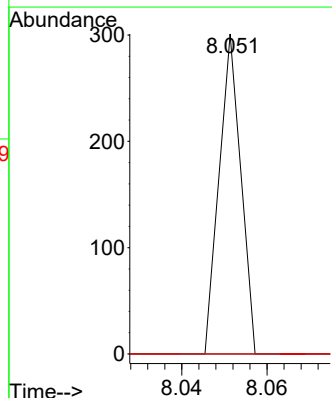
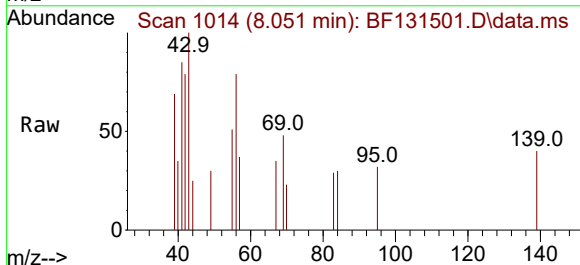
Instrument :
BNA_F
ClientSampleId :
B-40-GW-01

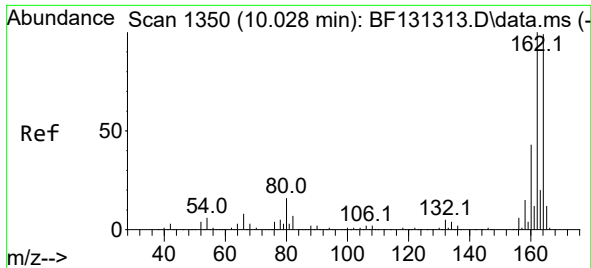
Tgt Ion: 82 Resp: 492179
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#26
2-Nitrophenol
Concen: 3.640 ng
RT: 8.051 min Scan# 1014
Delta R.T. 0.218 min
Lab File: BF131501.D
Acq: 02 Dec 2022 18:02

Tgt Ion:139 Resp: 106
Ion Ratio Lower Upper
139 100
109 0.0 29.9 44.9#
65 0.0 55.7 83.5#

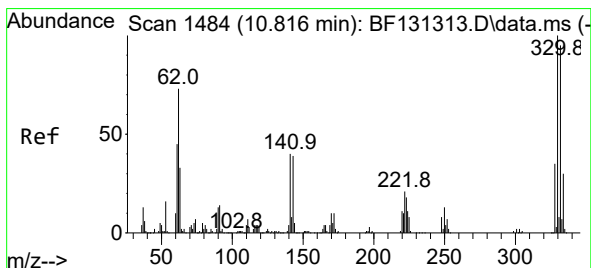
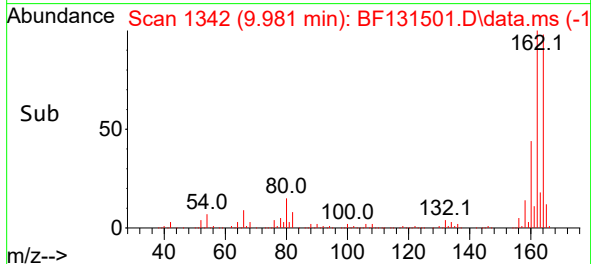
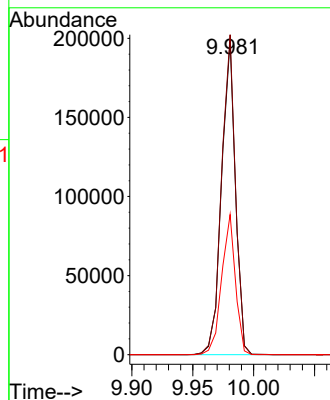
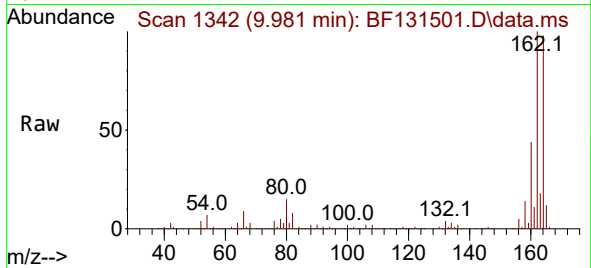




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.981 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131501.D
Acq: 02 Dec 2022 18:02

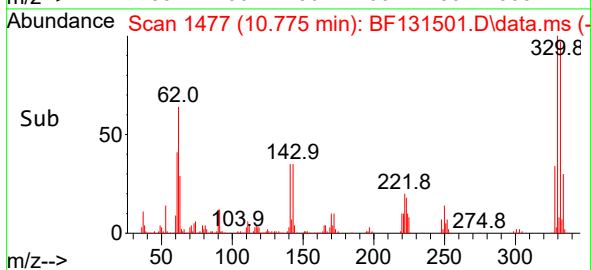
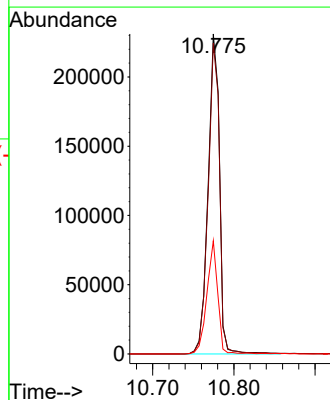
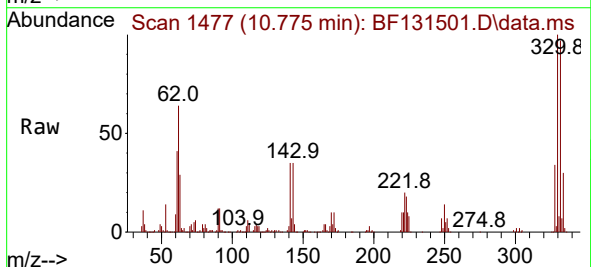
Instrument :
BNA_F
ClientSampleId :
B-40-GW-01

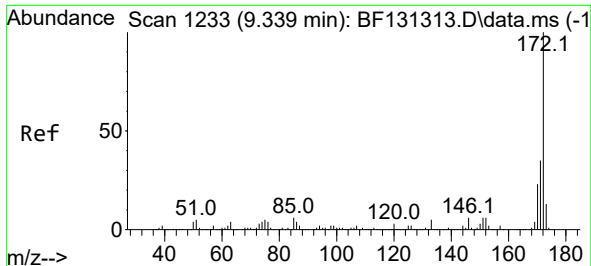
Tgt Ion:164 Resp: 157991
Ion Ratio Lower Upper
164 100
162 101.8 80.6 120.8
160 44.6 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 169.256 ng
RT: 10.775 min Scan# 1477
Delta R.T. -0.006 min
Lab File: BF131501.D
Acq: 02 Dec 2022 18:02

Tgt Ion:330 Resp: 224973
Ion Ratio Lower Upper
330 100
332 97.7 77.5 116.3
141 33.6 29.3 43.9





#45

2-Fluorobiphenyl

Concen: 89.431 ng

RT: 9.298 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131501.D

Acq: 02 Dec 2022 18:02

Instrument :

BNA_F

ClientSampleId :

B-40-GW-01

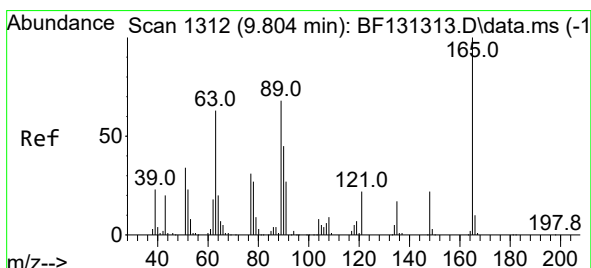
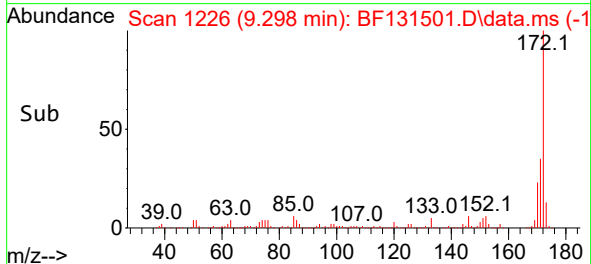
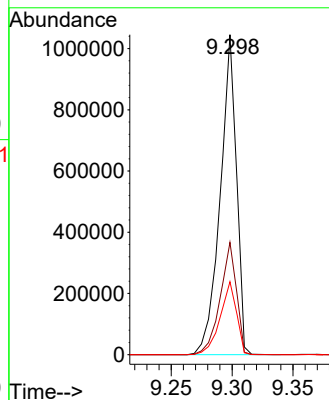
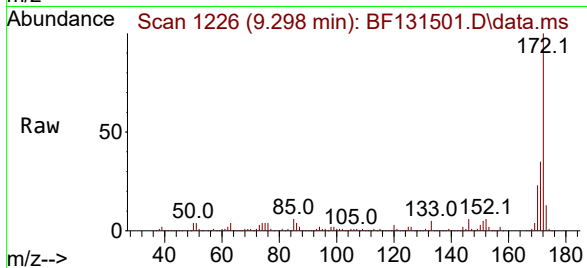
Tgt Ion:172 Resp: 971205

Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.2

170 22.8 18.7 28.1



#51

2,6-Dinitrotoluene

Concen: 8.851 ng

RT: 9.981 min Scan# 1342

Delta R.T. 0.212 min

Lab File: BF131501.D

Acq: 02 Dec 2022 18:02

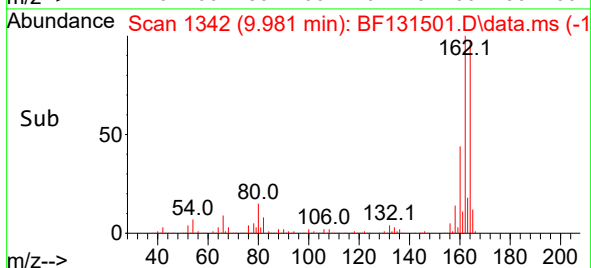
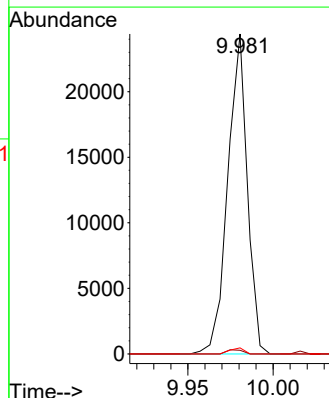
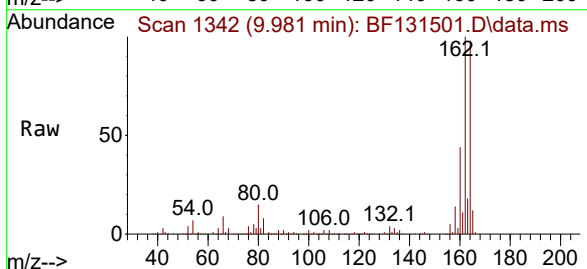
Tgt Ion:165 Resp: 19484

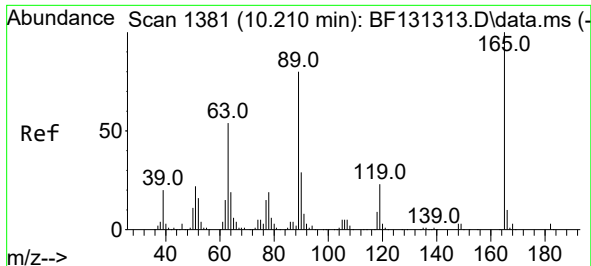
Ion Ratio Lower Upper

165 100

63 1.1 62.0 93.0#

89 1.9 54.4 81.6#

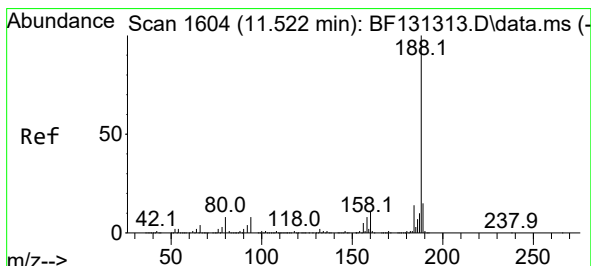
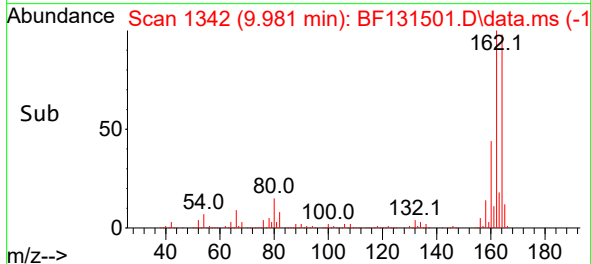
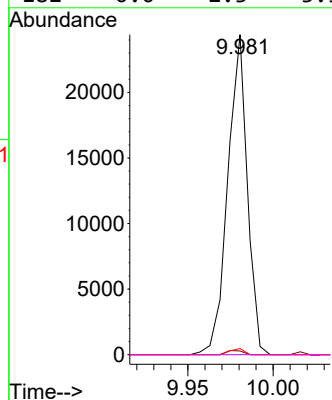
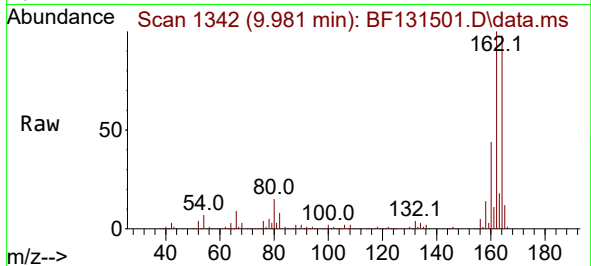




#57
2,4-Dinitrotoluene
Concen: 7.034 ng
RT: 9.981 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131501.D
Acq: 02 Dec 2022 18:02

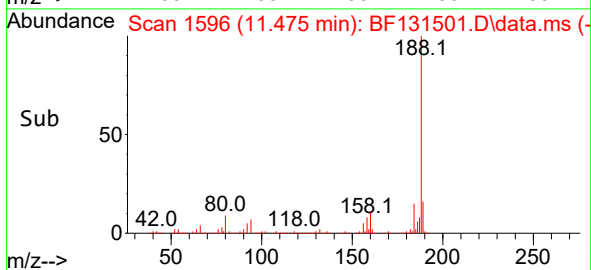
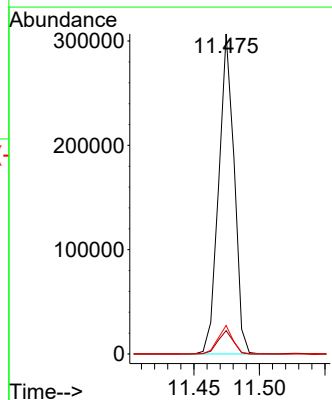
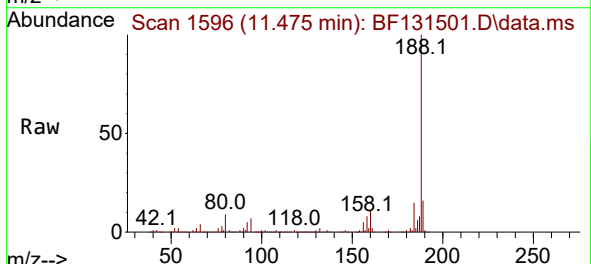
Instrument :
BNA_F
ClientSampleId :
B-40-GW-01

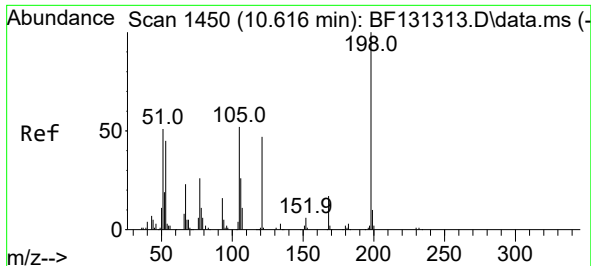
Tgt Ion:165 Resp: 19484
Ion Ratio Lower Upper
165 100
63 1.1 43.4 65.2#
89 1.9 64.0 96.0#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.475 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BF131501.D
Acq: 02 Dec 2022 18:02

Tgt Ion:188 Resp: 251583
Ion Ratio Lower Upper
188 100
94 7.3 6.3 9.5
80 8.9 6.8 10.2

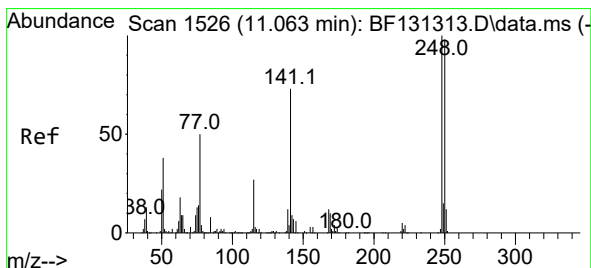
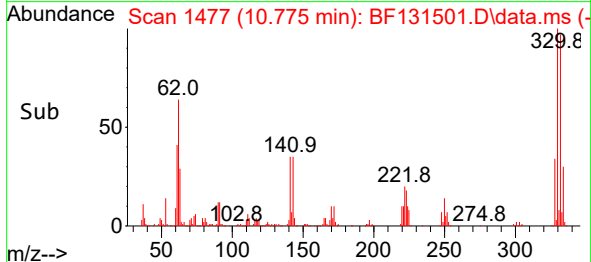
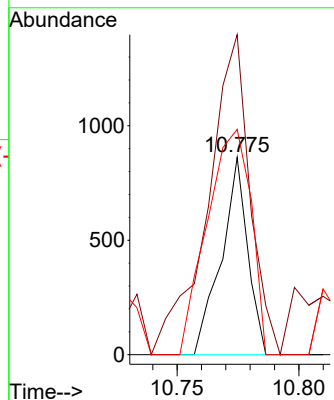
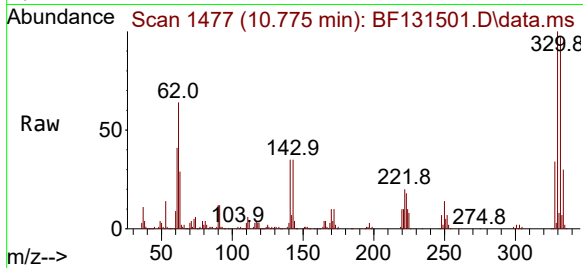




#65
4,6-Dinitro-2-methylphenol
Concen: 5.250 ng
RT: 10.775 min Scan# 1477
Delta R.T. 0.194 min
Lab File: BF131501.D
Acq: 02 Dec 2022 18:02

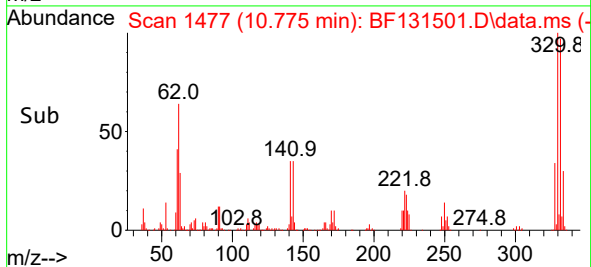
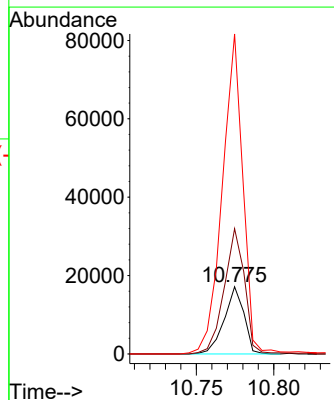
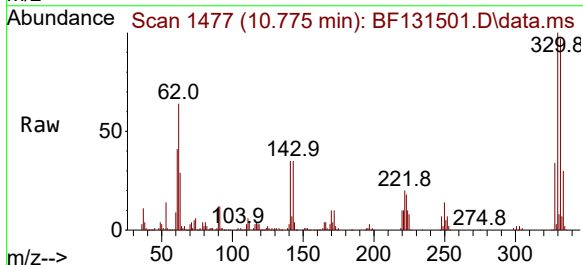
Instrument :
BNA_F
ClientSampleId :
B-40-GW-01

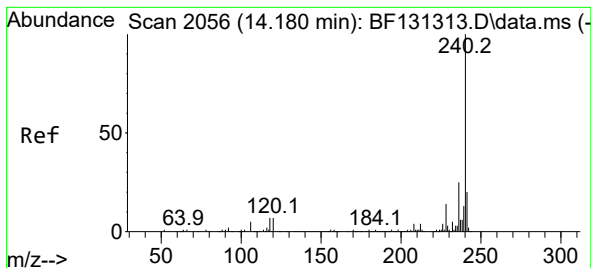
Tgt Ion:198 Resp: 651
Ion Ratio Lower Upper
198 100
51 162.2 50.1 90.1#
105 114.2 32.5 72.5#



#67
4-Bromophenyl-phenylether
Concen: 4.944 ng
RT: 10.775 min Scan# 1477
Delta R.T. -0.247 min
Lab File: BF131501.D
Acq: 02 Dec 2022 18:02

Tgt Ion:248 Resp: 15244
Ion Ratio Lower Upper
248 100
250 186.3 78.3 117.5#
141 475.6 58.0 87.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.127 min Scan# 2056

Delta R.T. -0.012 min

Lab File: BF131501.D

Acq: 02 Dec 2022 18:02

Instrument :

BNA_F

ClientSampleId :

B-40-GW-01

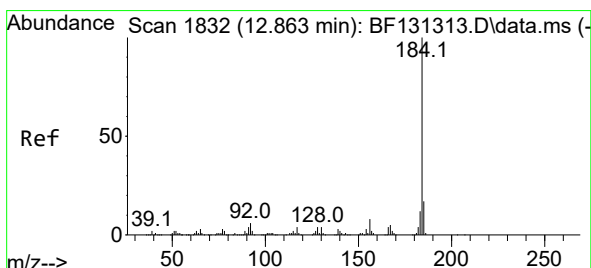
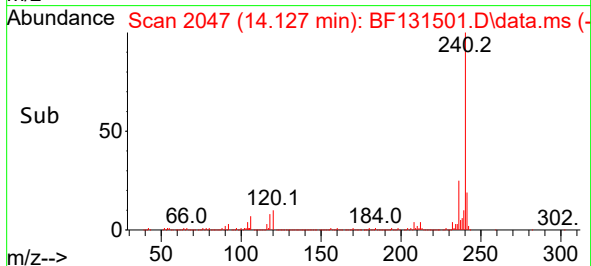
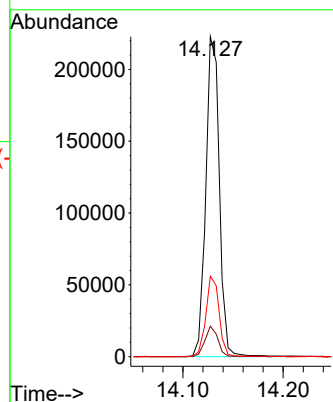
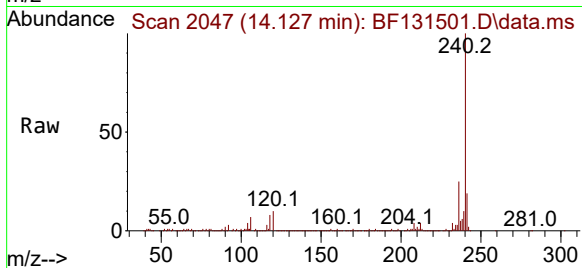
Tgt Ion:240 Resp: 209658

Ion Ratio Lower Upper

240 100

120 9.6 5.8 8.8#

236 25.1 20.3 30.5



#77

Benzidine

Concen: 3.201 ng

RT: 13.075 min Scan# 1868

Delta R.T. 0.253 min

Lab File: BF131501.D

Acq: 02 Dec 2022 18:02

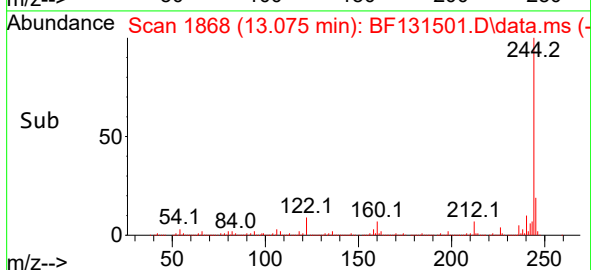
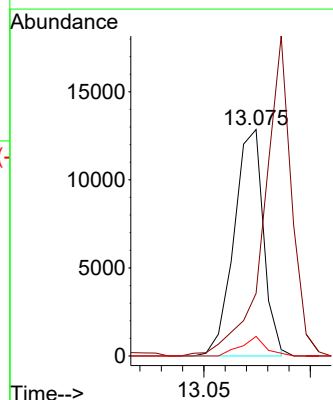
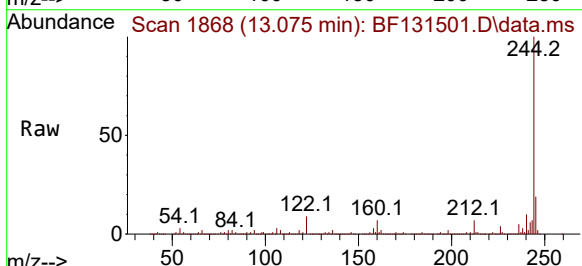
Tgt Ion:184 Resp: 12397

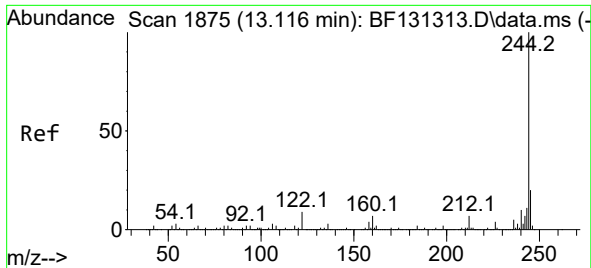
Ion Ratio Lower Upper

184 100

185 27.6 13.8 20.8#

183 8.6 9.6 14.4#

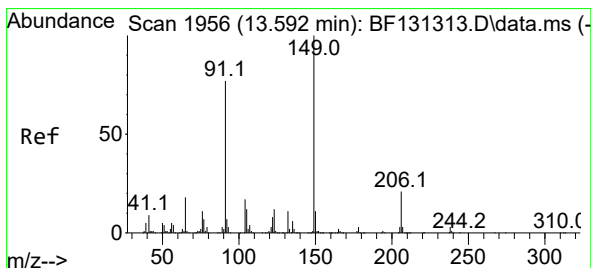
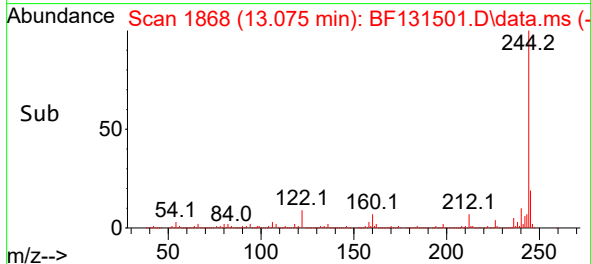
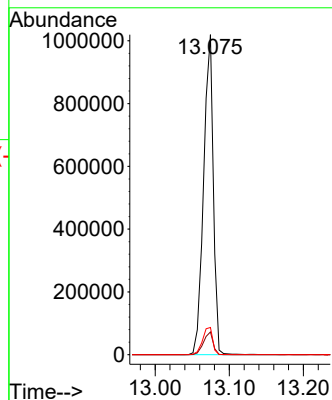
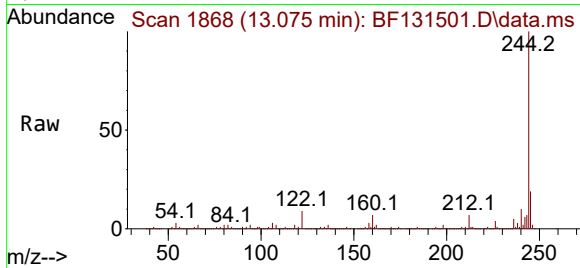




#79
 Terphenyl-d14
 Concen: 72.313 ng
 RT: 13.075 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF131501.D
 Acq: 02 Dec 2022 18:02

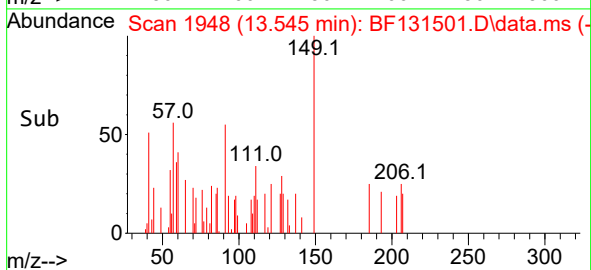
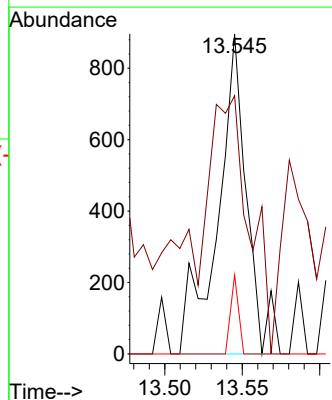
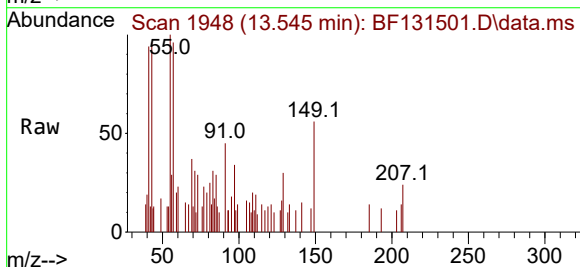
Instrument :
 BNA_F
 ClientSampleId :
 B-40-GW-01

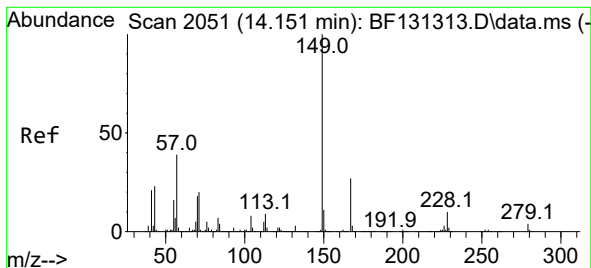
Tgt Ion:244 Resp: 927128
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 8.5 7.5 11.3



#80
 Butylbenzylphthalate
 Concen: 4.315 ng
 RT: 13.545 min Scan# 1948
 Delta R.T. -0.006 min
 Lab File: BF131501.D
 Acq: 02 Dec 2022 18:02

Tgt Ion:149 Resp: 1170
 Ion Ratio Lower Upper
 149 100
 91 80.7 61.9 92.9
 206 24.7 16.5 24.7

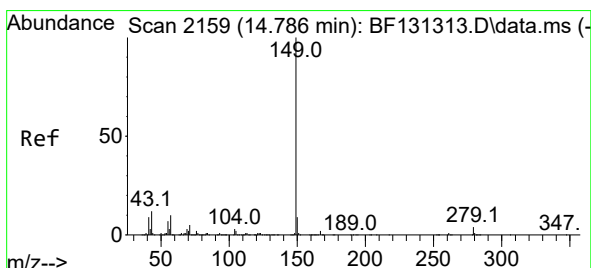
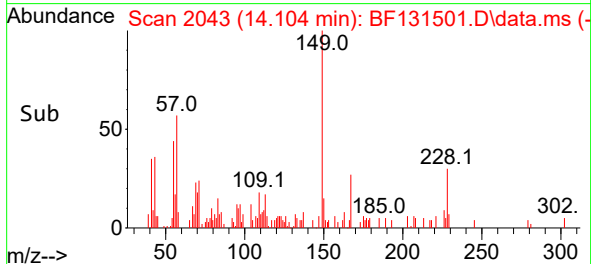
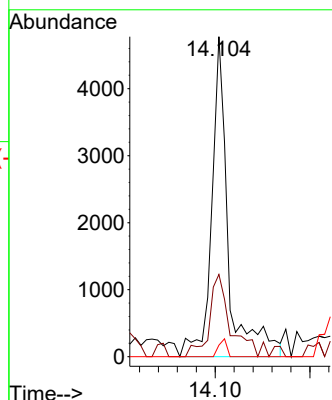
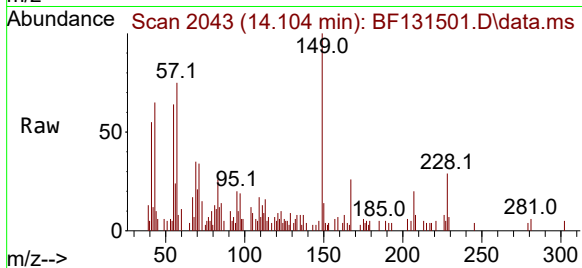




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.392 ng
 RT: 14.104 min Scan# 2051
 Delta R.T. -0.006 min
 Lab File: BF131501.D
 Acq: 02 Dec 2022 18:02

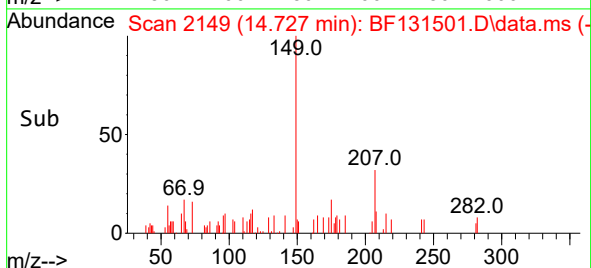
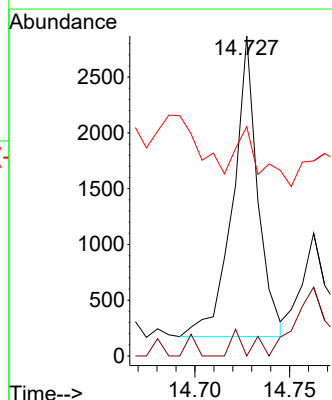
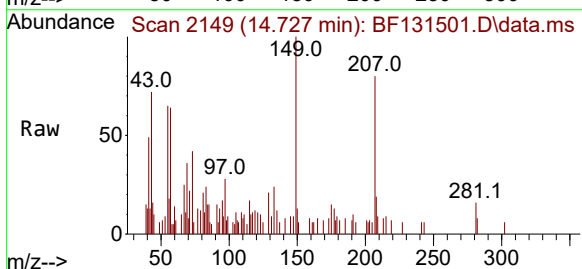
Instrument :
 BNA_F
 ClientSampleId :
 B-40-GW-01

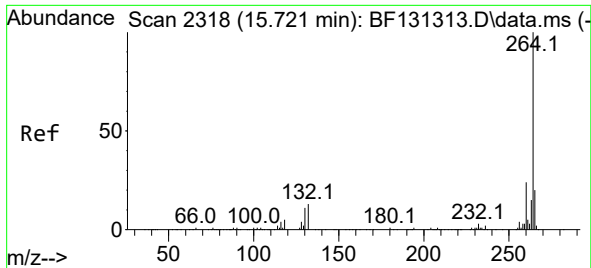
Tgt Ion:149 Resp: 5764
 Ion Ratio Lower Upper
 149 100
 167 25.7 21.9 32.9
 279 3.6 3.0 4.4



#85
 Di-n-octyl phthalate
 Concen: 4.141 ng
 RT: 14.727 min Scan# 2149
 Delta R.T. -0.006 min
 Lab File: BF131501.D
 Acq: 02 Dec 2022 18:02

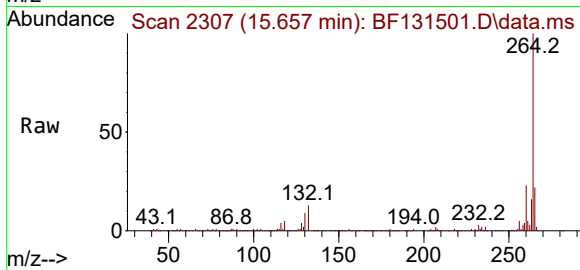
Tgt Ion:149 Resp: 2454
 Ion Ratio Lower Upper
 149 100
 167 3.5 1.2 1.8#
 43 19.2 10.7 16.1#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.657 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131501.D
Acq: 02 Dec 2022 18:02

Instrument :
BNA_F
ClientSampleId :
B-40-GW-01



Tgt Ion:264 Resp: 191440
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.4
265 21.6 16.4 24.6

