

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
 Data File : BF132525.D
 Acq On : 23 Feb 2023 17:41
 Operator : CG\JU
 Sample : 01635-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-294

Quant Time: Feb 24 00:38:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 23 00:59:42 2023
 Response via : Initial Calibration

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

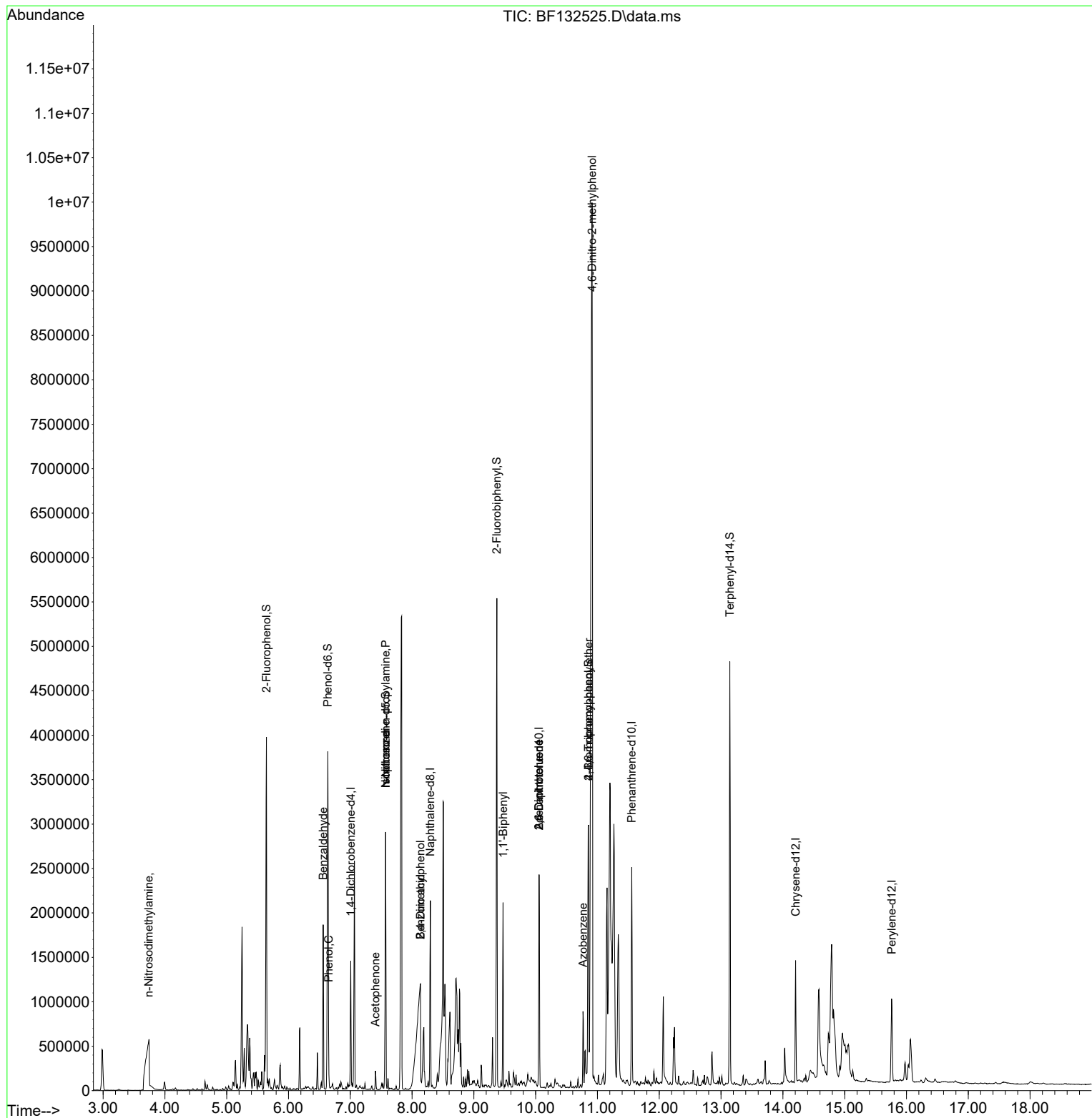
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.007	152	188511	20.000	ng	0.00
21) Naphthalene-d8	8.295	136	814328	20.000	ng	0.00
39) Acenaphthene-d10	10.054	164	464222	20.000	ng	0.00
64) Phenanthrene-d10	11.554	188	865693	20.000	ng	0.00
76) Chrysene-d12	14.207	240	439737	20.000	ng	-0.01
86) Perylene-d12	15.760	264	444507	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.643	112	1046019	90.056	ng	0.00
7) Phenol-d6	6.637	99	1403015	92.554	ng	0.00
23) Nitrobenzene-d5	7.572	82	941337	54.844	ng	0.00
42) 2,4,6-Tribromophenol	10.854	330	357565	71.322	ng	0.00
45) 2-Fluorobiphenyl	9.372	172	1535361	50.360	ng	0.00
79) Terphenyl-d14	13.142	244	1652292	63.529	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.737	42	46640	7.240	ng	# 1
9) Benzaldehyde	6.560	77	332272	40.622	ng	98
10) Phenol	6.649	94	112224	6.457	ng	97
19) n-Nitroso-di-n-propyla...	7.572	70	126800	13.592	ng	# 78
22) Acetophenone	7.407	105	55900	2.722	ng	# 86
25) Isophorone	7.572	82	940522	28.581	ng	# 67
27) 2,4-Dimethylphenol	8.137	122	988988	77.368	ng	# 2
32) Benzoic acid	8.137	122	988988	94.170	ng	92
46) 1,1'-Biphenyl	9.472	154	560767	15.960	ng	98
51) 2,6-Dinitrotoluene	10.054	165	61082	7.935	ng	# 23
57) 2,4-Dinitrotoluene	10.054	165	61082	5.964	ng	# 22
63) Azobenzene	10.766	77	155668	4.453	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.913	198	341662	58.301	ng	# 1
67) 4-Bromophenyl-phenylether	10.854	248	24507	2.503	ng	# 1

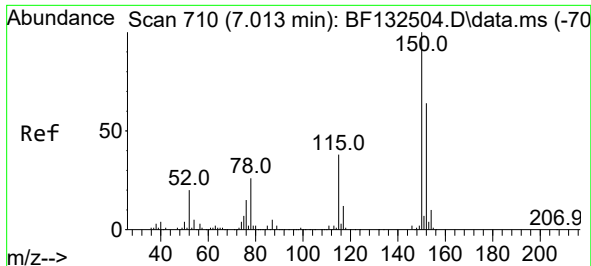
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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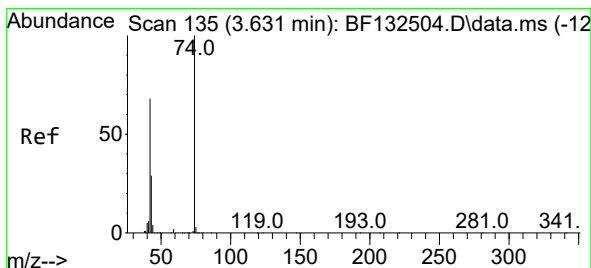
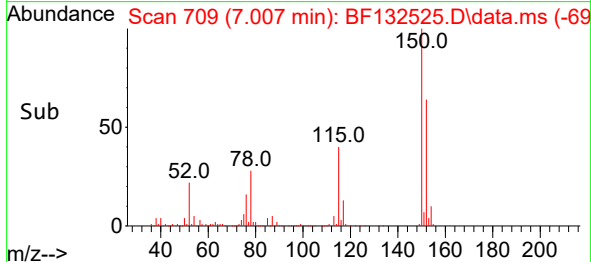
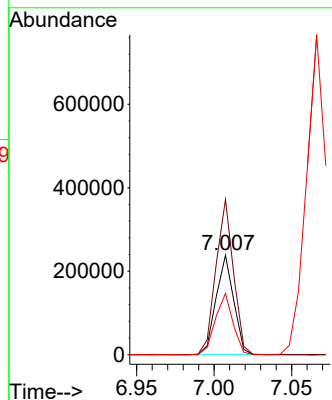
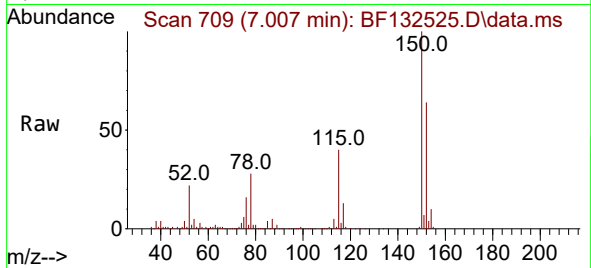




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.007 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF132525.D
Acq: 23 Feb 2023 17:41

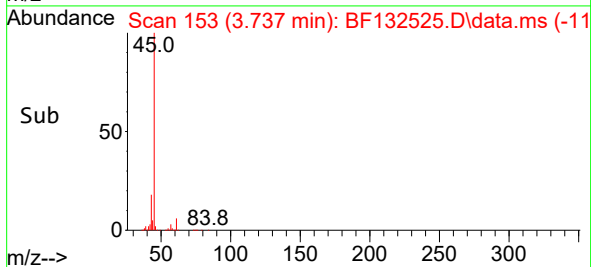
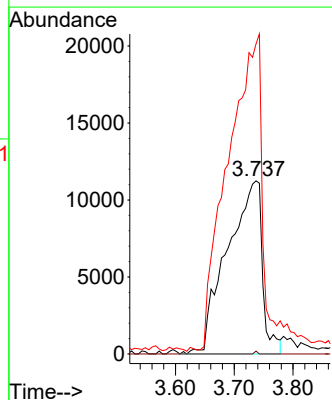
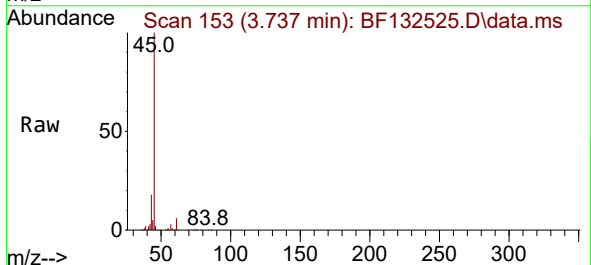
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BNA_F
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ETGI-294

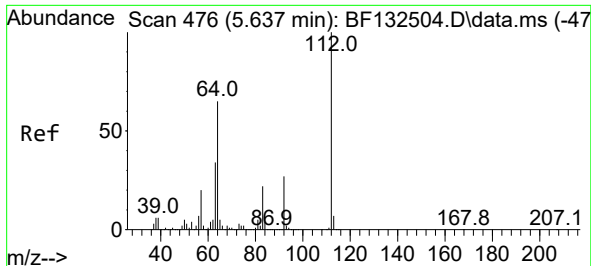
Tgt Ion:152 Resp: 188511
Ion Ratio Lower Upper
152 100
150 156.0 125.4 188.2
115 61.6 47.8 71.6



#4
n-Nitrosodimethylamine
Concen: 7.240 ng
RT: 3.737 min Scan# 153
Delta R.T. 0.106 min
Lab File: BF132525.D
Acq: 23 Feb 2023 17:41

Tgt Ion: 42 Resp: 46640
Ion Ratio Lower Upper
42 100
74 1.6 118.2 177.2#
44 179.1 5.3 7.9#

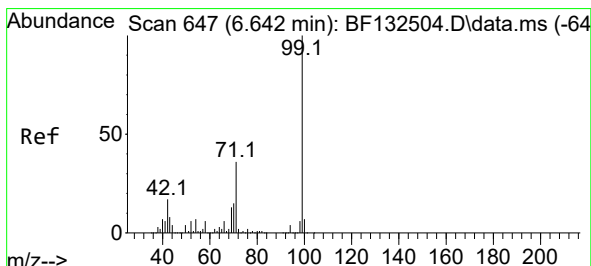
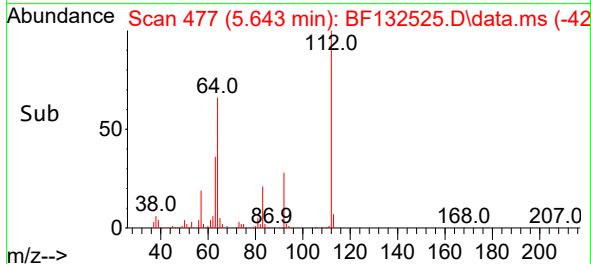
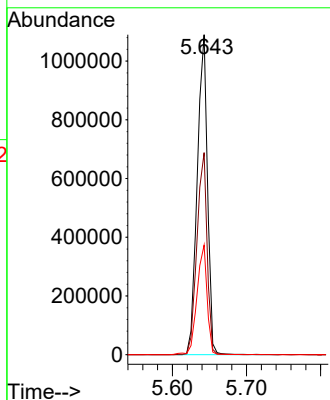
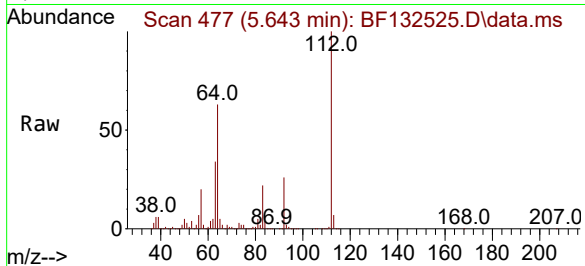




#5
2-Fluorophenol
Concen: 90.056 ng
RT: 5.643 min Scan# 41
Delta R.T. 0.006 min
Lab File: BF132525.D
Acq: 23 Feb 2023 17:41

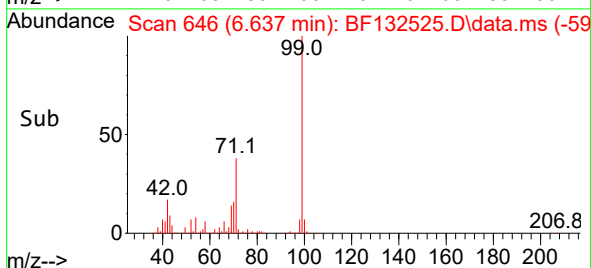
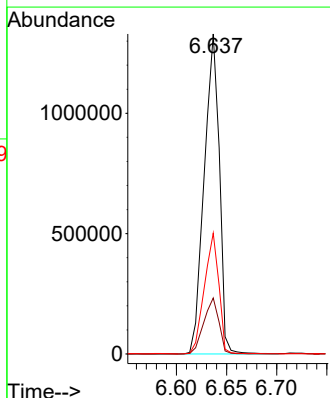
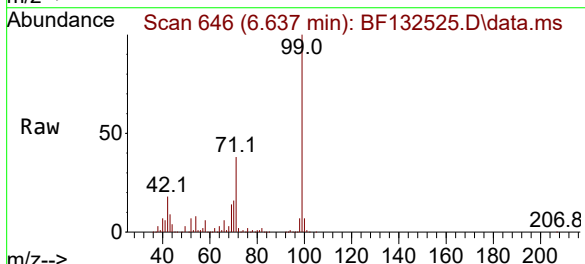
Instrument :
BNA_F
ClientSampleId :
ETGI-294

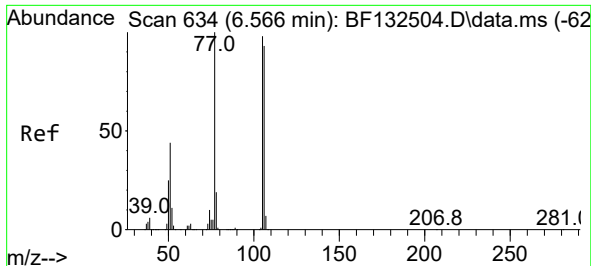
Tgt Ion:112 Resp: 1046019
Ion Ratio Lower Upper
112 100
64 63.2 51.6 77.4
63 34.3 27.4 41.2



#7
Phenol-d6
Concen: 92.554 ng
RT: 6.637 min Scan# 646
Delta R.T. -0.006 min
Lab File: BF132525.D
Acq: 23 Feb 2023 17:41

Tgt Ion: 99 Resp: 1403015
Ion Ratio Lower Upper
99 100
42 17.5 13.9 20.9
71 37.8 28.5 42.7

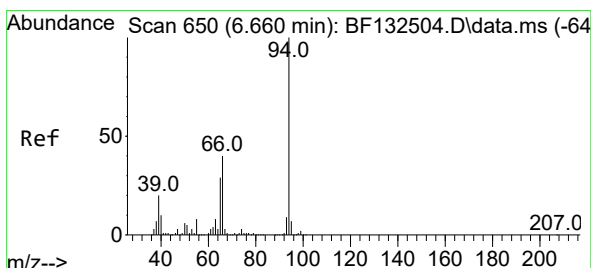
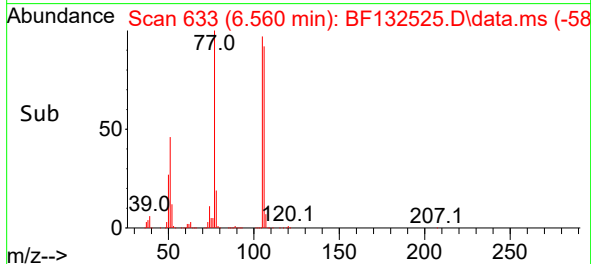
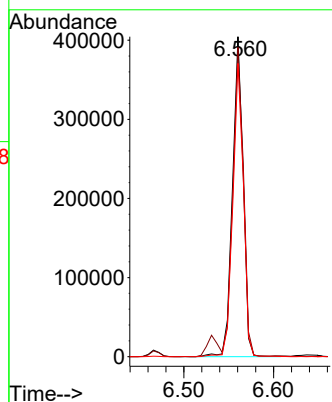
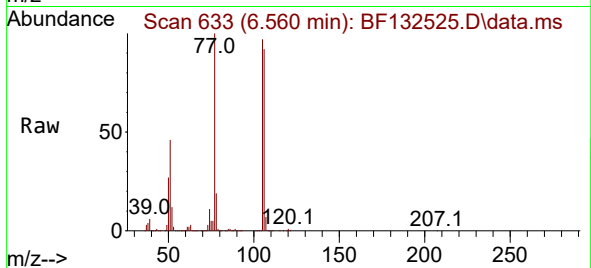




#9
Benzaldehyde
Concen: 40.622 ng
RT: 6.560 min Scan# 611
Delta R.T. -0.006 min
Lab File: BF132525.D
Acq: 23 Feb 2023 17:41

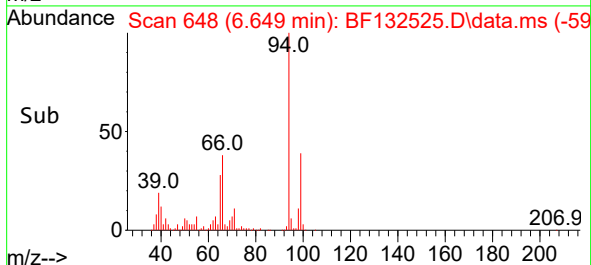
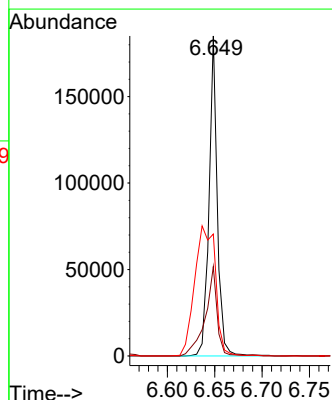
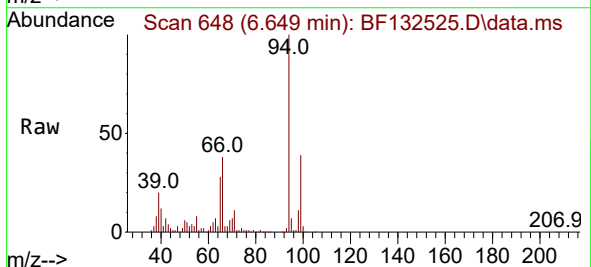
Instrument :
BNA_F
ClientSampleId :
ETGI-294

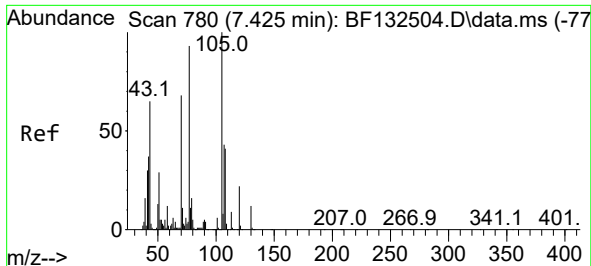
Tgt Ion: 77 Resp: 332272
Ion Ratio Lower Upper
77 100
105 96.7 77.9 117.9
106 91.6 73.4 113.4



#10
Phenol
Concen: 6.457 ng
RT: 6.649 min Scan# 648
Delta R.T. -0.011 min
Lab File: BF132525.D
Acq: 23 Feb 2023 17:41

Tgt Ion: 94 Resp: 112224
Ion Ratio Lower Upper
94 100
65 27.9 9.4 49.4
66 38.1 19.8 59.8

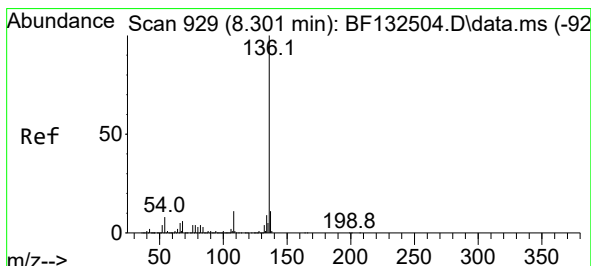
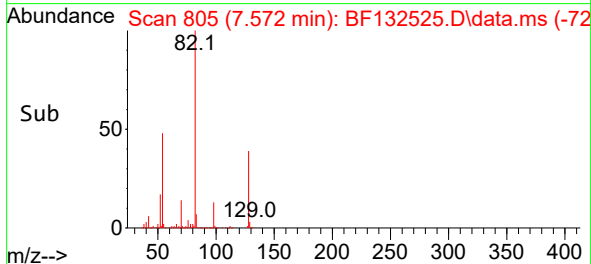
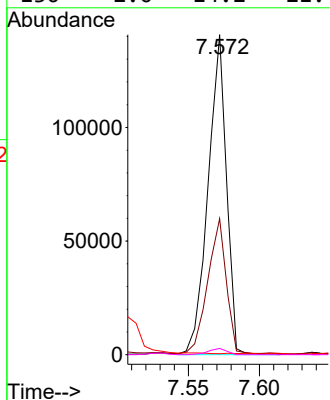
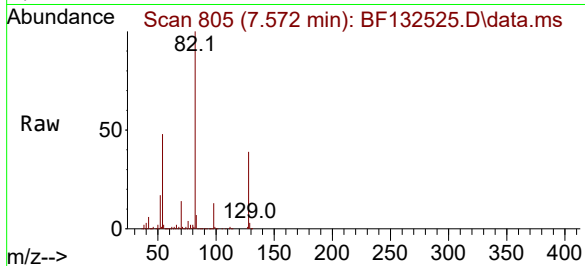




#19
n-Nitroso-di-n-propylamine
Concen: 13.592 ng
RT: 7.572 min Scan# 80
Delta R.T. 0.147 min
Lab File: BF132525.D
Acq: 23 Feb 2023 17:41

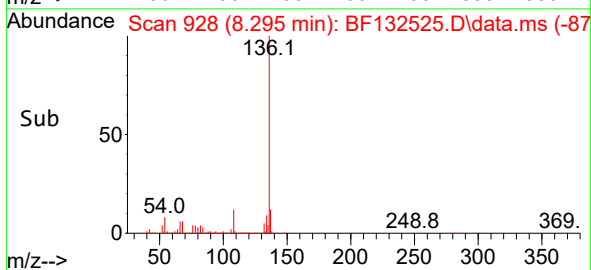
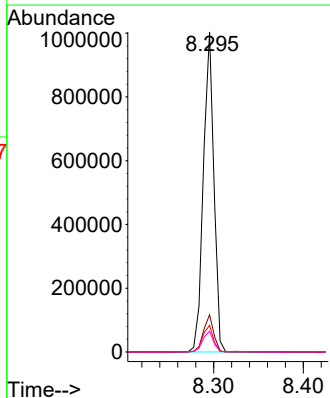
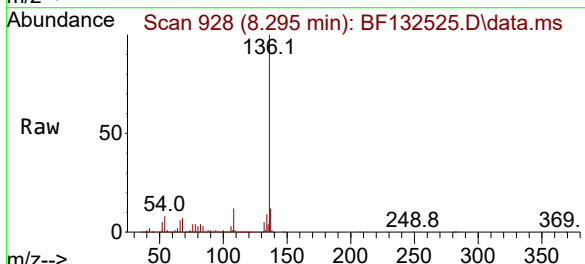
Instrument :
BNA_F
ClientSampleId :
ETGI-294

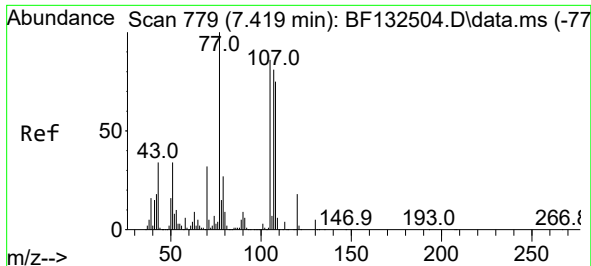
Tgt Ion: 70 Resp: 126800
Ion Ratio Lower Upper
70 100
42 42.5 44.1 66.1#
101 0.3 7.4 11.2#
130 2.0 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.295 min Scan# 928
Delta R.T. -0.006 min
Lab File: BF132525.D
Acq: 23 Feb 2023 17:41

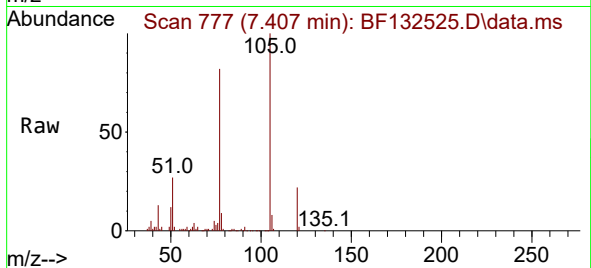
Tgt Ion:136 Resp: 814328
Ion Ratio Lower Upper
136 100
137 11.6 8.9 13.3
54 8.3 6.2 9.4
68 6.5 5.2 7.8



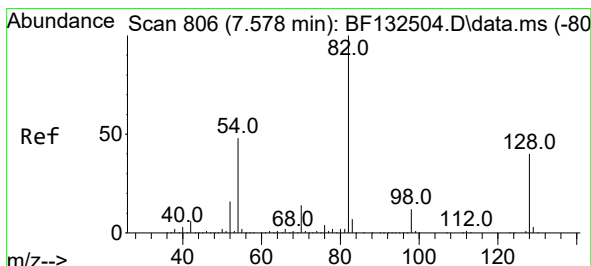
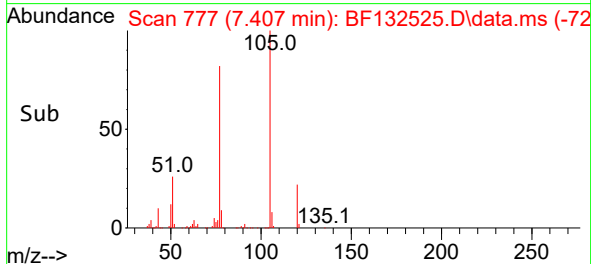
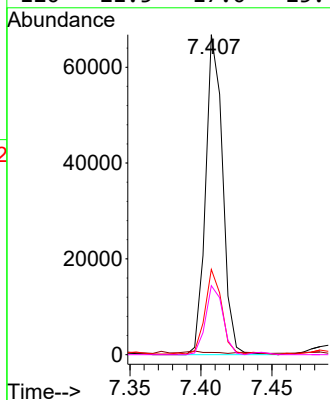


#22
Acetophenone
Concen: 2.722 ng
RT: 7.407 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF132525.D
Acq: 23 Feb 2023 17:41

Instrument :
BNA_F
ClientSampleId :
ETGI-294

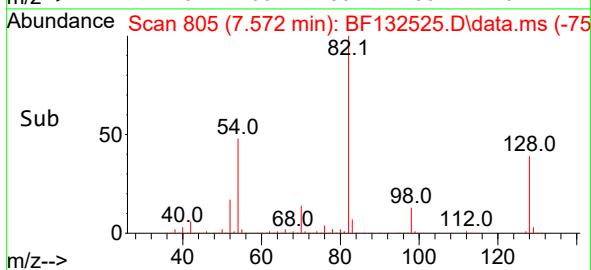
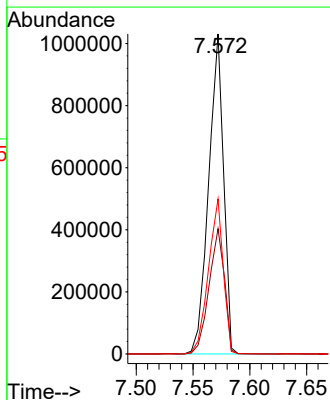
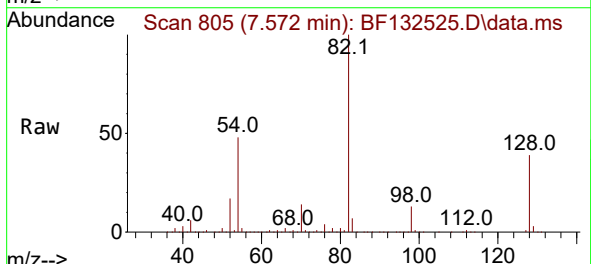


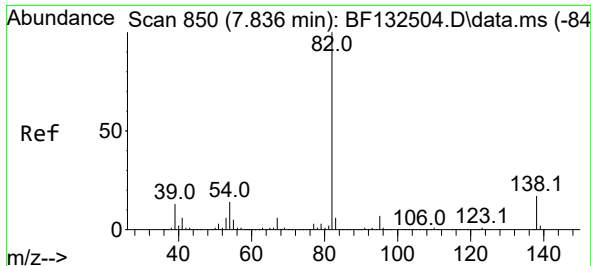
Tgt Ion: 105 Resp: 55900
Ion Ratio Lower Upper
105 100
71 0.7 5.0 7.4#
51 26.7 31.5 47.3#
120 21.5 17.0 25.4



#23
Nitrobenzene-d5
Concen: 54.844 ng
RT: 7.572 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF132525.D
Acq: 23 Feb 2023 17:41

Tgt Ion: 82 Resp: 941337
Ion Ratio Lower Upper
82 100
128 39.2 32.2 48.2
54 48.5 38.4 57.6

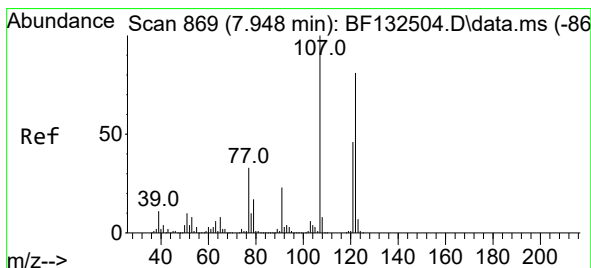
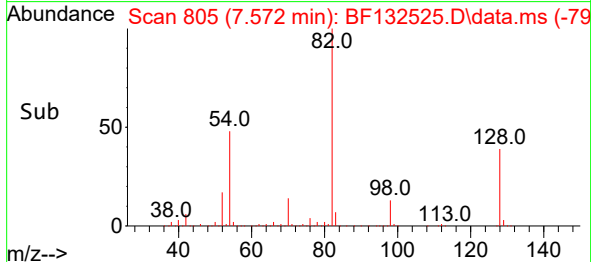
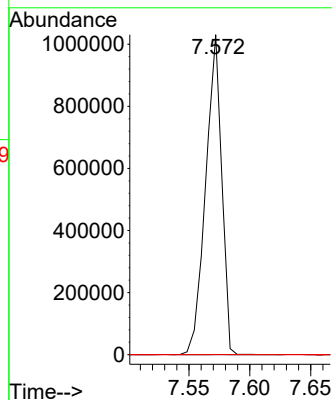
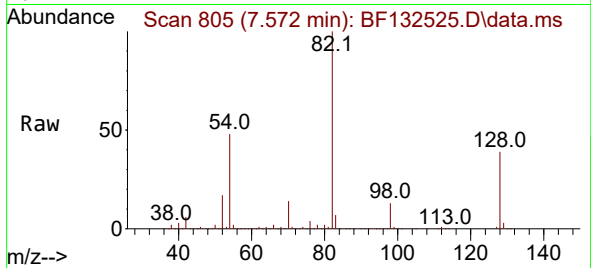




#25
Isophorone
Concen: 28.581 ng
RT: 7.572 min Scan# 80
Delta R.T. -0.264 min
Lab File: BF132525.D
Acq: 23 Feb 2023 17:41

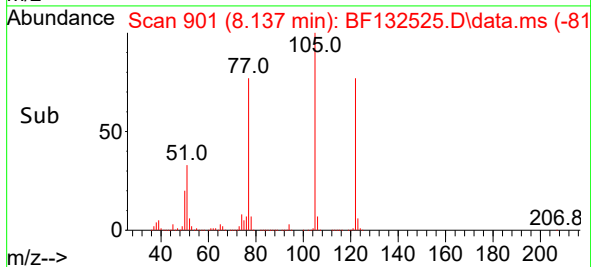
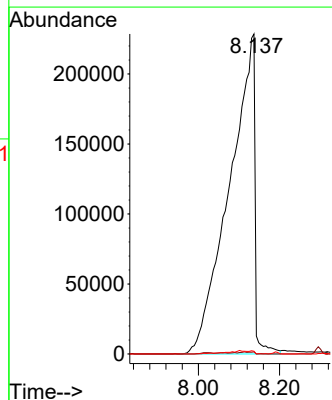
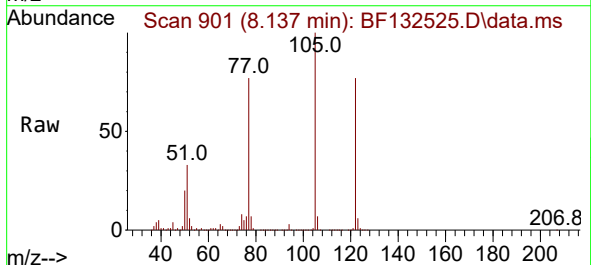
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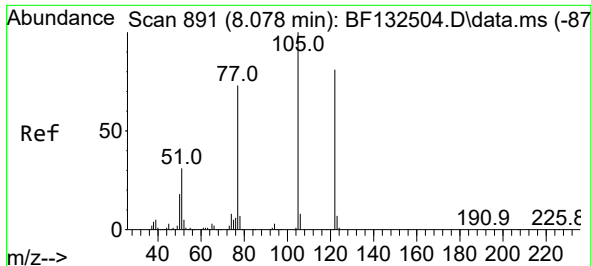
Tgt Ion: 82 Resp: 940522
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#27
2,4-Dimethylphenol
Concen: 77.368 ng
RT: 8.137 min Scan# 901
Delta R.T. 0.188 min
Lab File: BF132525.D
Acq: 23 Feb 2023 17:41

Tgt Ion:122 Resp: 988988
Ion Ratio Lower Upper
122 100
107 0.6 98.7 148.1#
121 0.8 45.8 68.6#

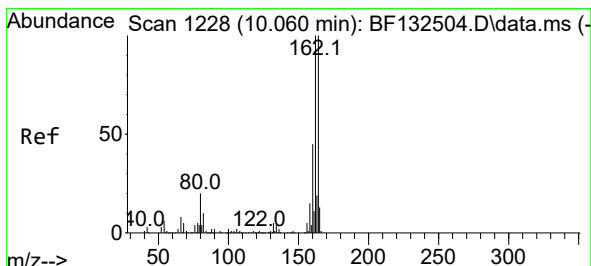
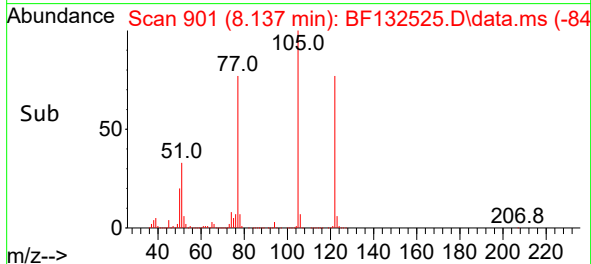
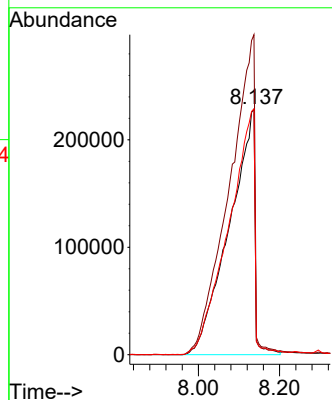
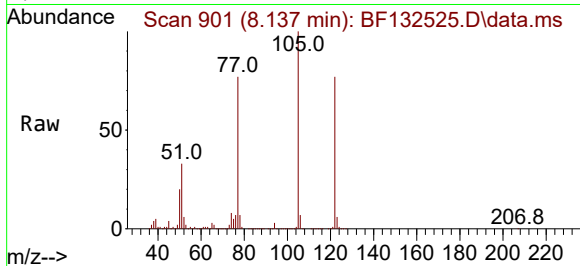




#32
Benzoic acid
Concen: 94.170 ng
RT: 8.137 min Scan# 901
Delta R.T. 0.059 min
Lab File: BF132525.D
Acq: 23 Feb 2023 17:41

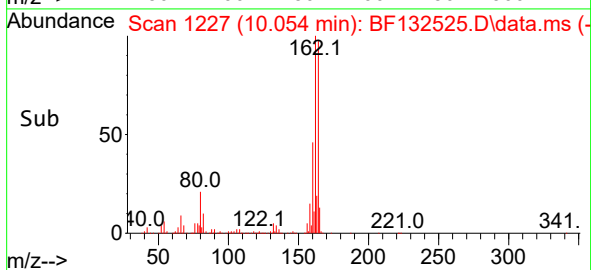
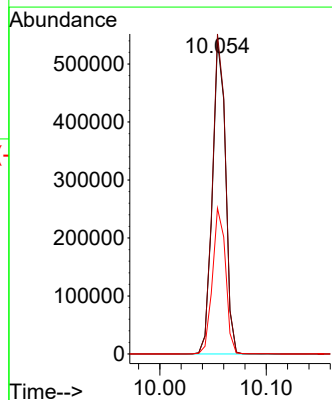
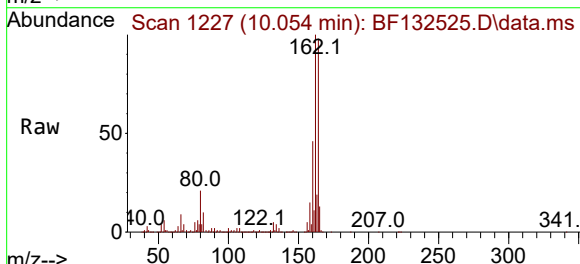
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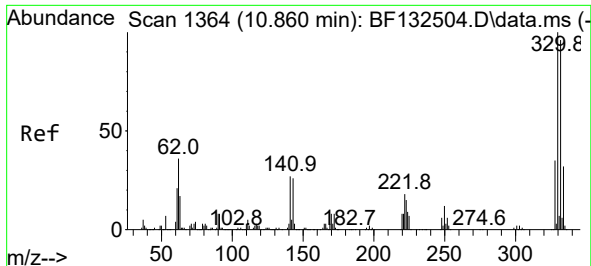
Tgt Ion:122 Resp: 988988
Ion Ratio Lower Upper
122 100
105 130.3 102.6 142.6
77 100.1 70.2 110.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.054 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF132525.D
Acq: 23 Feb 2023 17:41

Tgt Ion:164 Resp: 464222
Ion Ratio Lower Upper
164 100
162 102.0 79.8 119.8
160 46.5 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 71.322 ng

RT: 10.854 min Scan# 1111

Delta R.T. -0.006 min

Lab File: BF132525.D

Acq: 23 Feb 2023 17:41

Instrument :

BNA_F

ClientSampleId :

ETGI-294

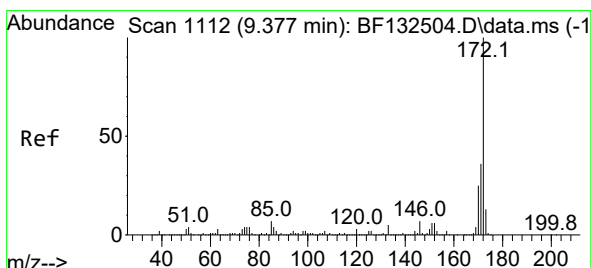
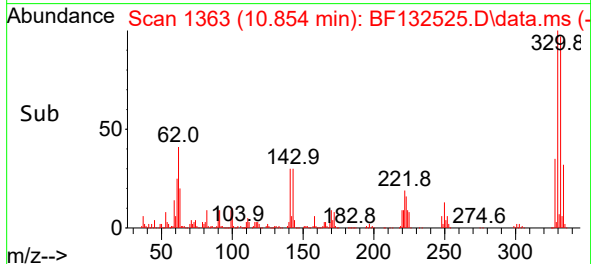
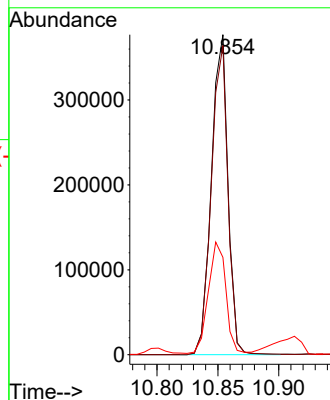
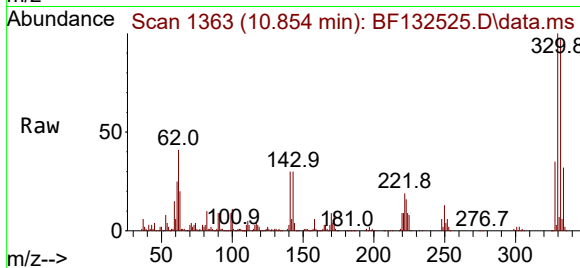
Tgt Ion:330 Resp: 357565

Ion Ratio Lower Upper

330 100

332 96.8 76.2 114.4

141 37.3 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 50.360 ng

RT: 9.372 min Scan# 1111

Delta R.T. -0.005 min

Lab File: BF132525.D

Acq: 23 Feb 2023 17:41

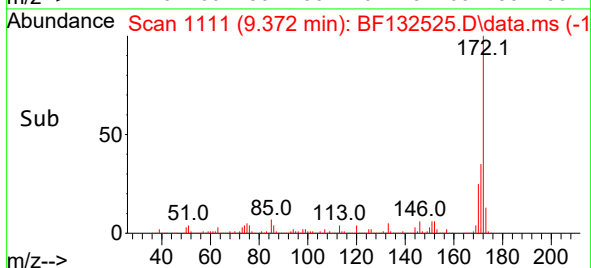
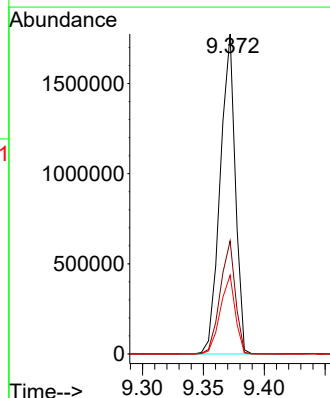
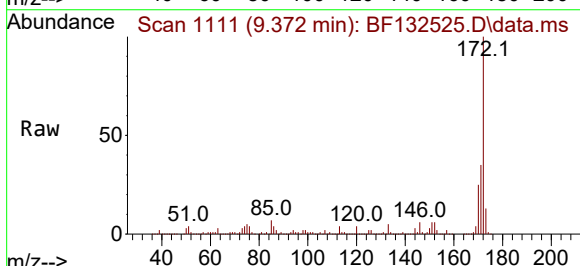
Tgt Ion:172 Resp: 1535361

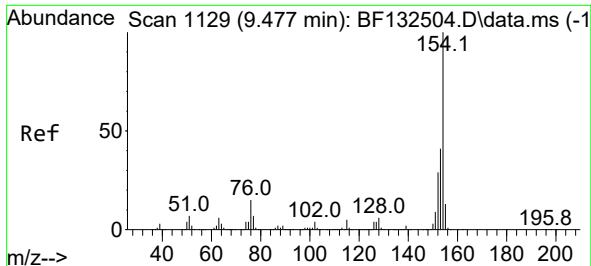
Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 24.6 19.7 29.5

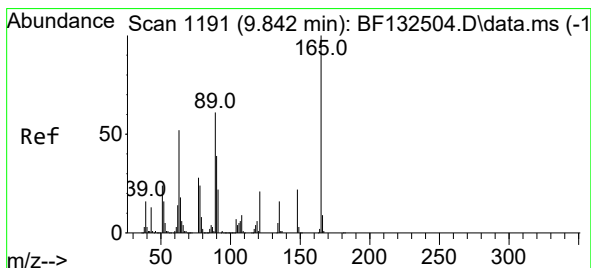
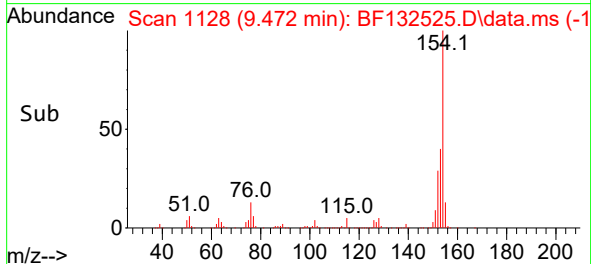
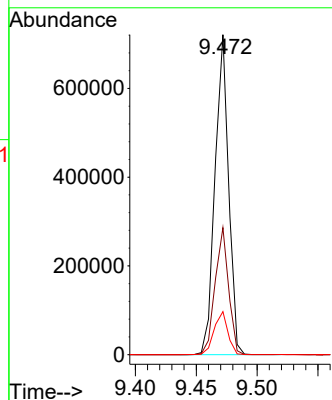
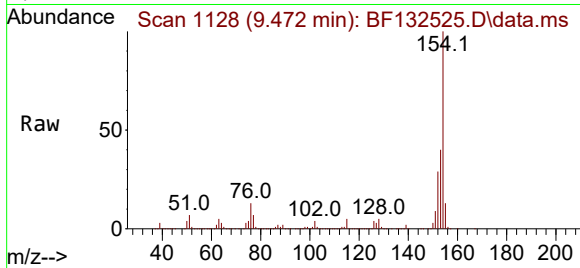




#46
1,1'-Biphenyl
Concen: 15.960 ng
RT: 9.472 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BF132525.D
Acq: 23 Feb 2023 17:41

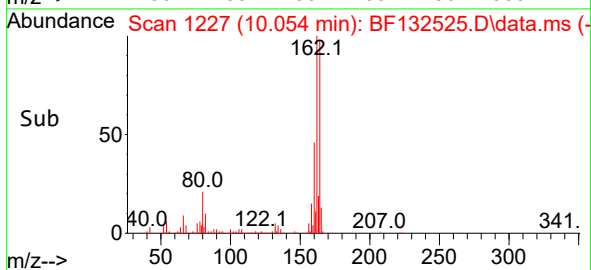
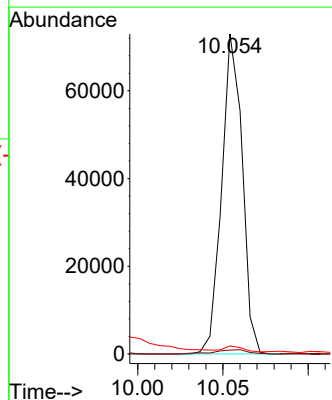
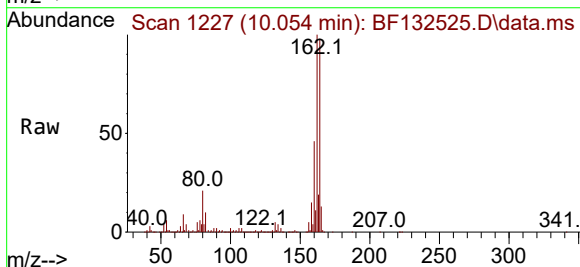
Instrument :
BNA_F
ClientSampleId :
ETGI-294

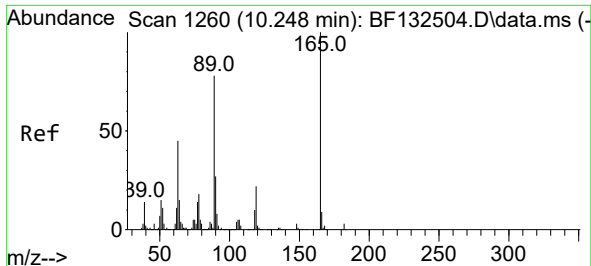
Tgt Ion:154 Resp: 560767
Ion Ratio Lower Upper
154 100
153 39.7 20.9 60.9
76 13.4 0.0 34.7



#51
2,6-Dinitrotoluene
Concen: 7.935 ng
RT: 10.054 min Scan# 1227
Delta R.T. 0.212 min
Lab File: BF132525.D
Acq: 23 Feb 2023 17:41

Tgt Ion:165 Resp: 61082
Ion Ratio Lower Upper
165 100
63 1.2 47.3 70.9#
89 2.5 48.9 73.3#

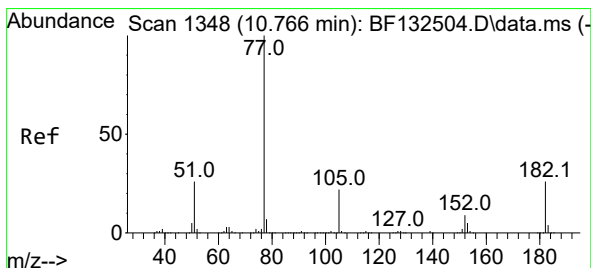
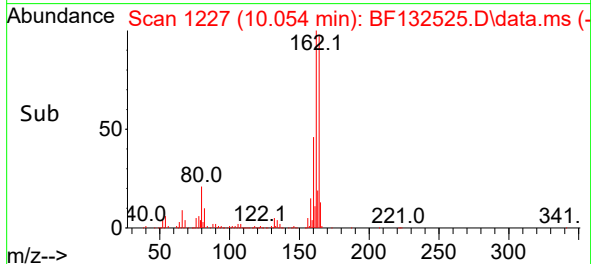
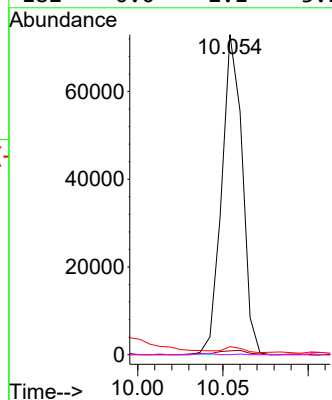
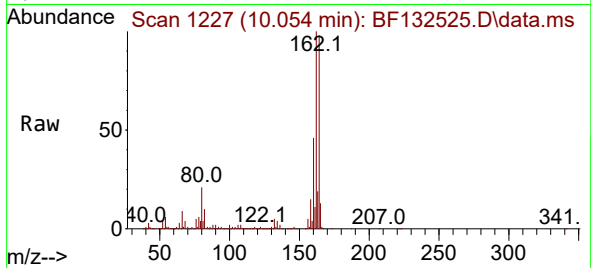




#57
2,4-Dinitrotoluene
Concen: 5.964 ng
RT: 10.054 min Scan# 1260
Delta R.T. -0.194 min
Lab File: BF132525.D
Acq: 23 Feb 2023 17:41

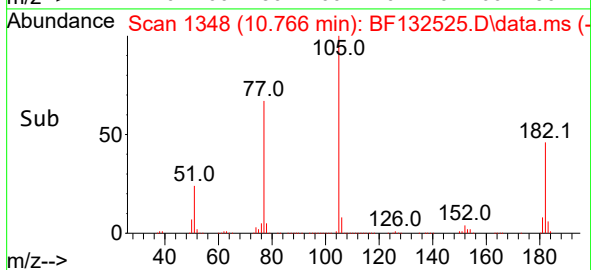
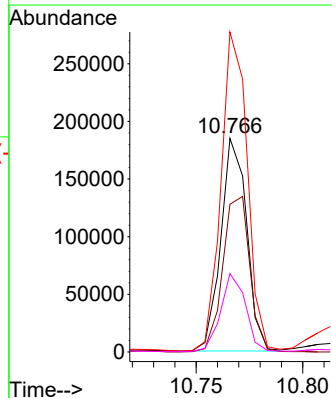
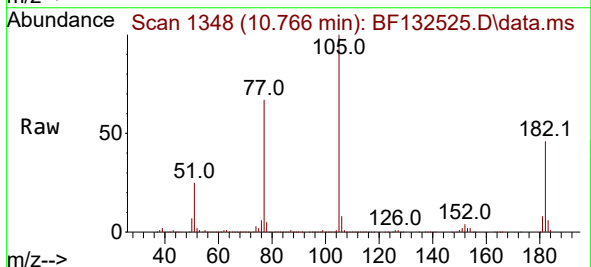
Instrument :
BNA_F
ClientSampleId :
ETGI-294

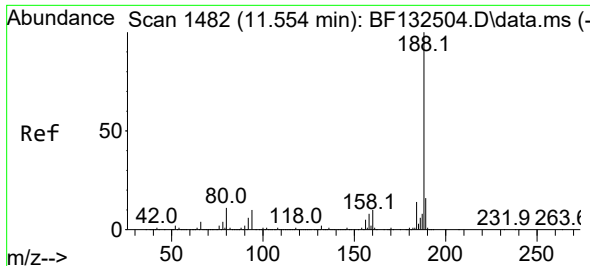
Tgt Ion:165 Resp: 61082
Ion Ratio Lower Upper
165 100
63 1.2 36.5 54.7#
89 2.5 62.4 93.6#
182 0.0 2.1 3.1#



#63
Azobenzene
Concen: 4.453 ng
RT: 10.766 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF132525.D
Acq: 23 Feb 2023 17:41

Tgt Ion: 77 Resp: 155668
Ion Ratio Lower Upper
77 100
182 69.1 5.5 45.5#
105 149.8 1.8 41.8#
51 36.7 6.4 46.4

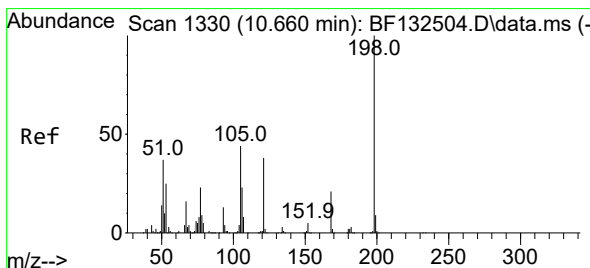
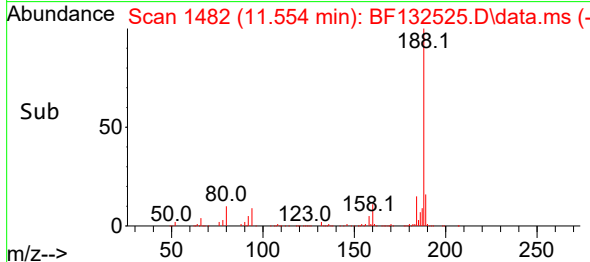
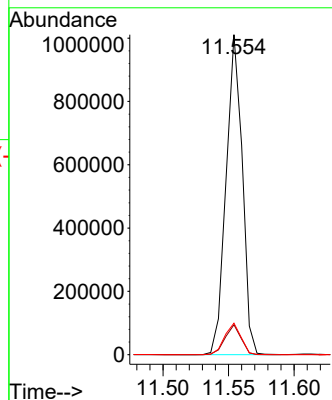
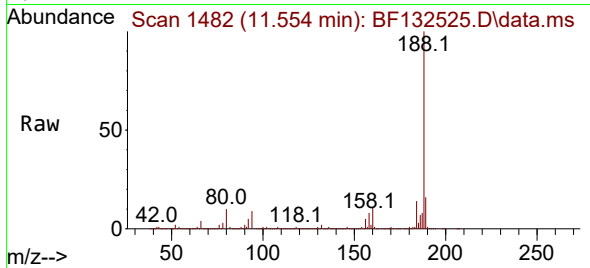




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.554 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BF132525.D
Acq: 23 Feb 2023 17:41

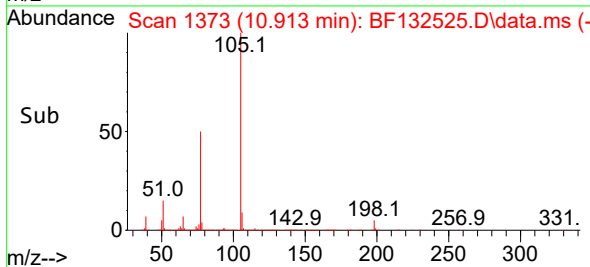
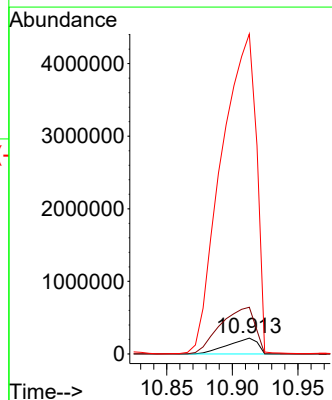
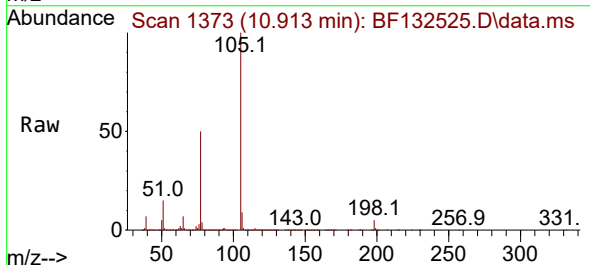
Instrument :
BNA_F
ClientSampleId :
ETGI-294

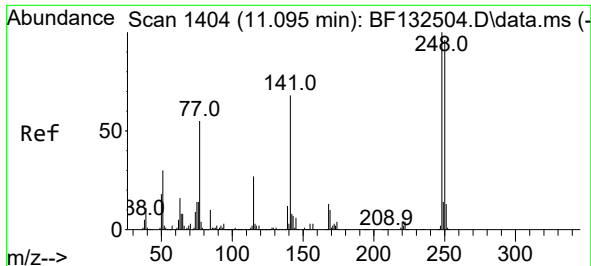
Tgt Ion:188 Resp: 865693
Ion Ratio Lower Upper
188 100
94 9.3 8.3 12.5
80 9.8 8.7 13.1



#65
4,6-Dinitro-2-methylphenol
Concen: 58.301 ng
RT: 10.913 min Scan# 1373
Delta R.T. 0.253 min
Lab File: BF132525.D
Acq: 23 Feb 2023 17:41

Tgt Ion:198 Resp: 341662
Ion Ratio Lower Upper
198 100
51 294.3 20.6 60.6#
105 2013.7 24.3 64.3#

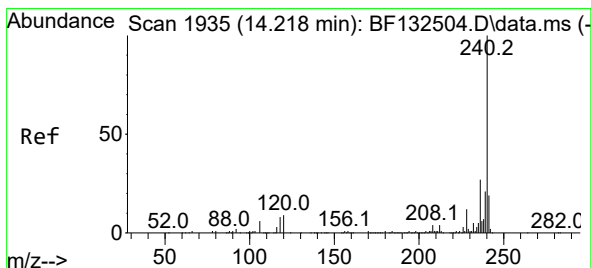
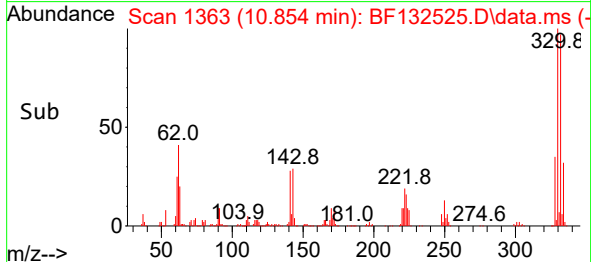
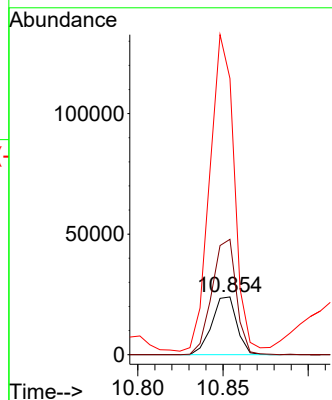
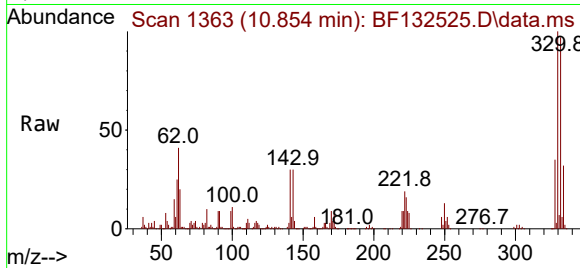




#67
4-Bromophenyl-phenylether
Concen: 2.503 ng
RT: 10.854 min Scan# 1363
Delta R.T. -0.241 min
Lab File: BF132525.D
Acq: 23 Feb 2023 17:41

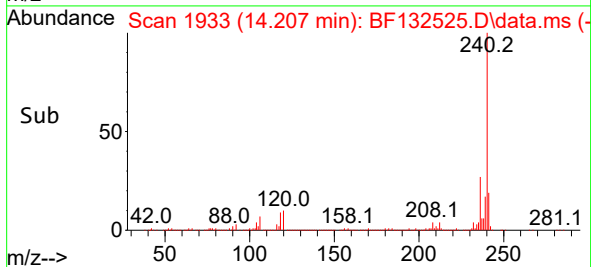
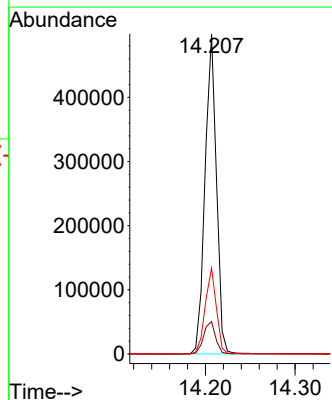
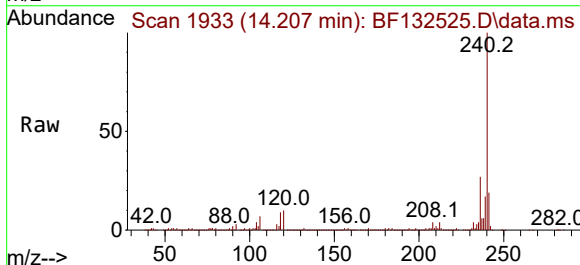
Instrument :
BNA_F
ClientSampleId :
ETGI-294

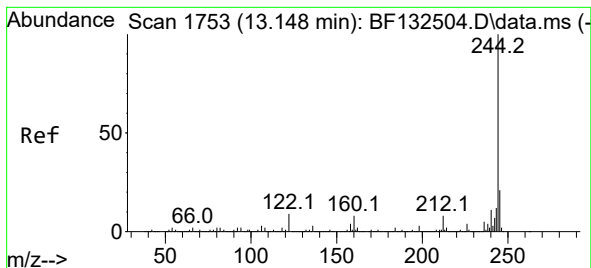
Tgt Ion:248 Resp: 24507
Ion Ratio Lower Upper
248 100
250 199.6 77.0 115.4#
141 477.6 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.207 min Scan# 1933
Delta R.T. -0.011 min
Lab File: BF132525.D
Acq: 23 Feb 2023 17:41

Tgt Ion:240 Resp: 439737
Ion Ratio Lower Upper
240 100
120 10.1 7.2 10.8
236 26.9 21.8 32.6





#79

Terphenyl-d14

Concen: 63.529 ng

RT: 13.142 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132525.D

Acq: 23 Feb 2023 17:41

Instrument :

BNA_F

ClientSampleId :

ETGI-294

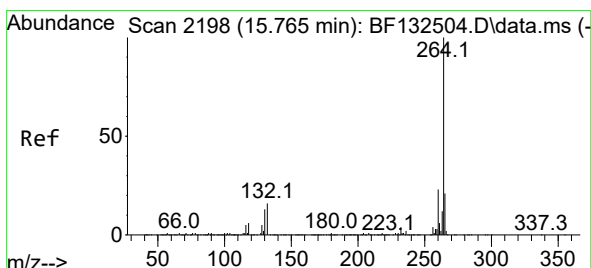
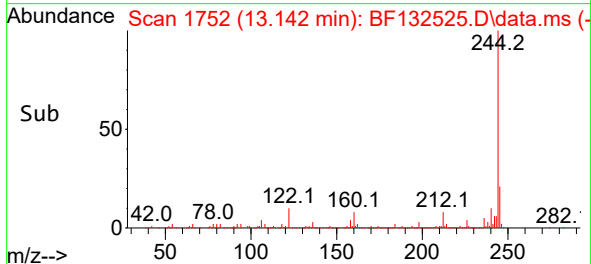
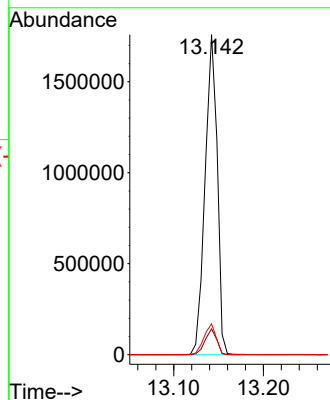
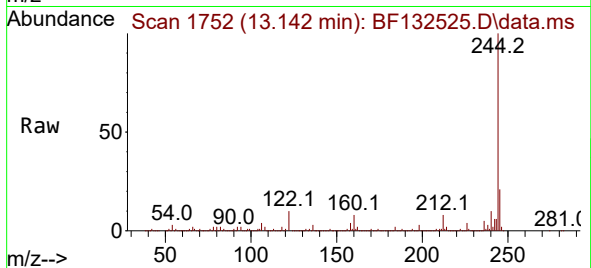
Tgt Ion:244 Resp: 1652292

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

122 9.7 7.5 11.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.760 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BF132525.D

Acq: 23 Feb 2023 17:41

Tgt Ion:264 Resp: 444507

Ion Ratio Lower Upper

264 100

260 25.1 18.8 28.2

265 21.8 17.1 25.7

