

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
 Data File : BF134666.D
 Acq On : 08 Aug 2023 12:08
 Operator : CG\JU
 Sample : 03908-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-368

Quant Time: Aug 09 02:16:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

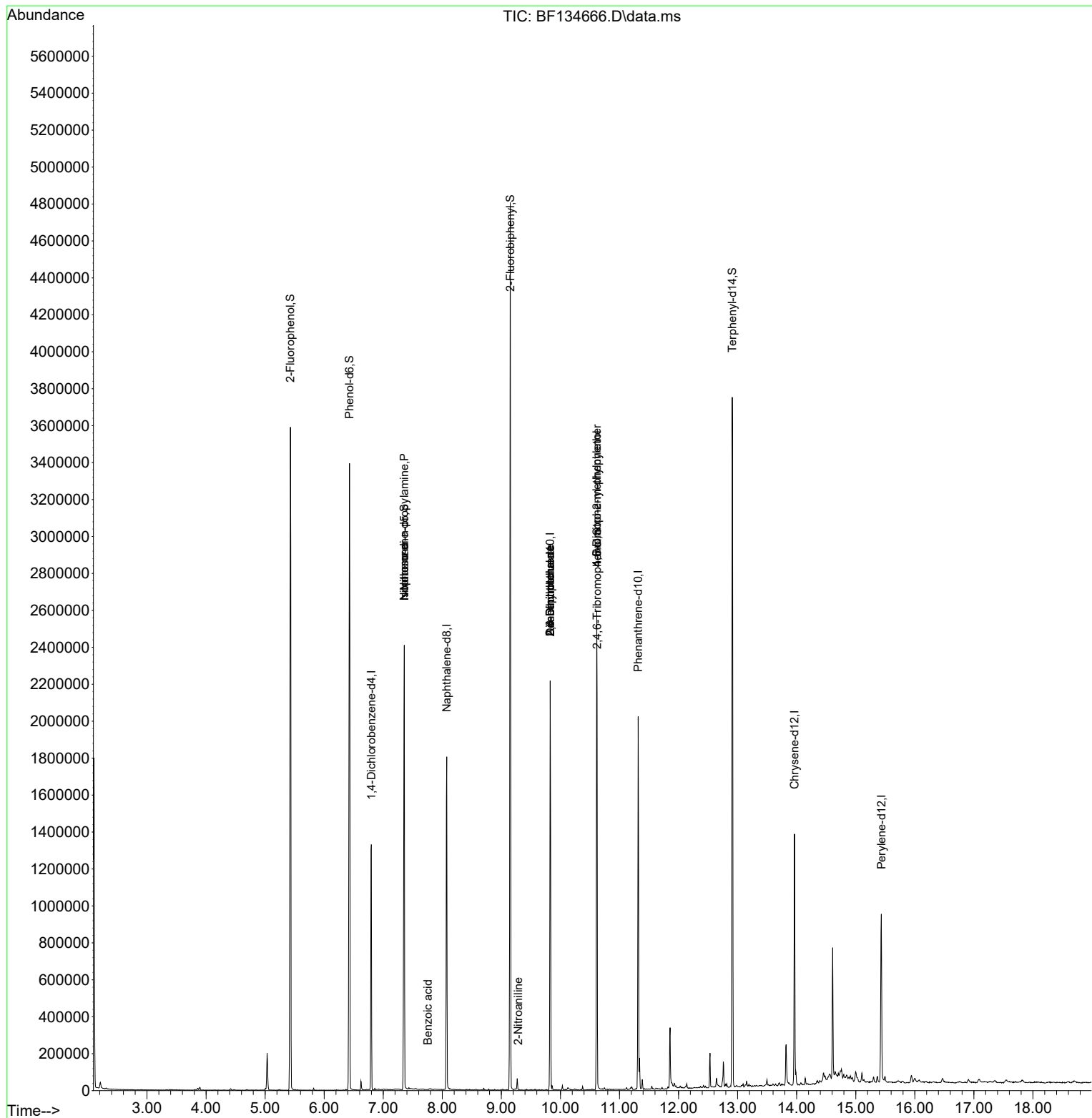
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	199548	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	801692	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	402492	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	694177	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	410378	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	411573	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1020196	77.716	ng	0.00
7) Phenol-d6	6.428	99	1321230	78.735	ng	-0.01
23) Nitrobenzene-d5	7.357	82	778224	60.663	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	332043	80.926	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1433623	59.223	ng	-0.01
79) Terphenyl-d14	12.910	244	1392277	59.808	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.351	77	201	Below Cal	#	74
19) n-Nitroso-di-n-propyla...	7.357	70	104406	10.392	ng	# 70
25) Isophorone	7.357	82	767276	27.422	ng	# 65
32) Benzoic acid	7.757	122	68	7.874	ng	86
48) 2-Nitroaniline	9.286	65	177	3.189	ng	# 8
50) Dimethylphthalate	9.828	163	85867	3.130	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	52141	11.290	ng	# 17
57) 2,4-Dinitrotoluene	9.828	165	52141	10.075	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.616	198	719	8.909	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	21538	2.834	ng	# 1

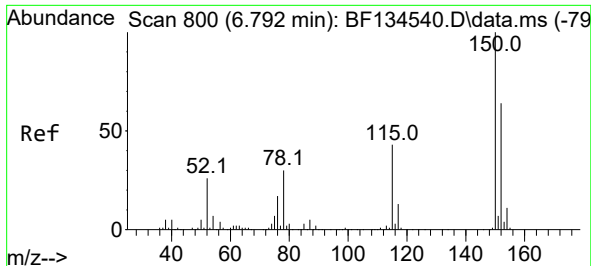
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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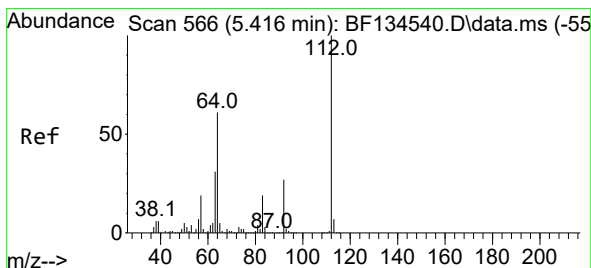
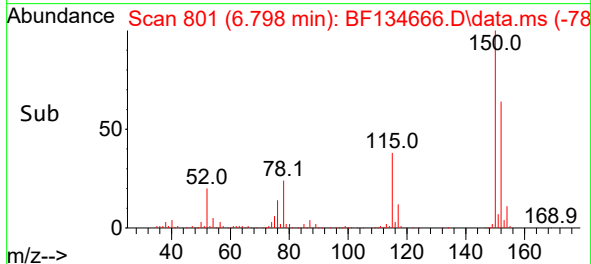
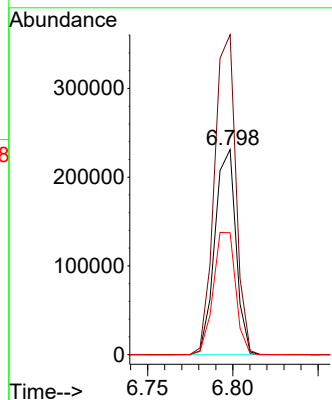
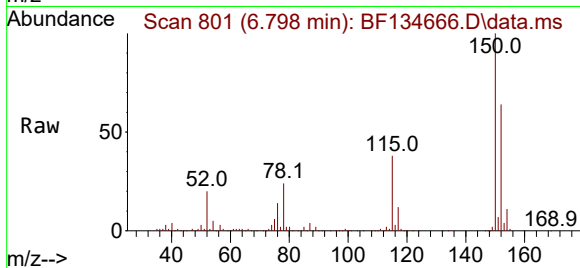




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: BF134666.D
 Acq: 08 Aug 2023 12:08

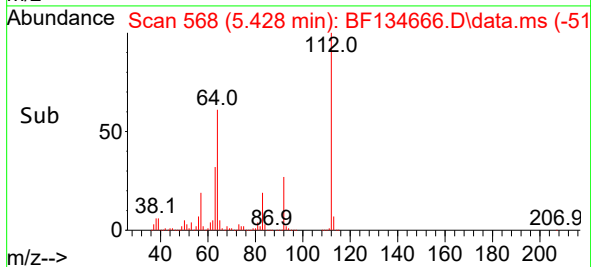
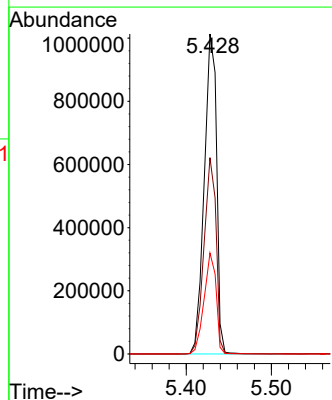
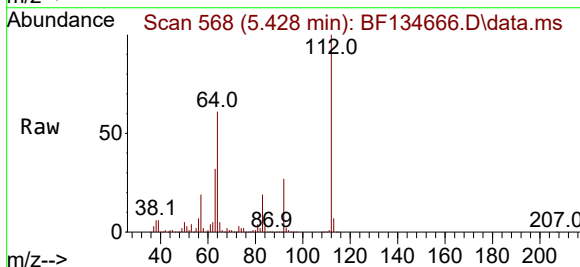
Instrument :
 BNA_F
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 ETGI-368

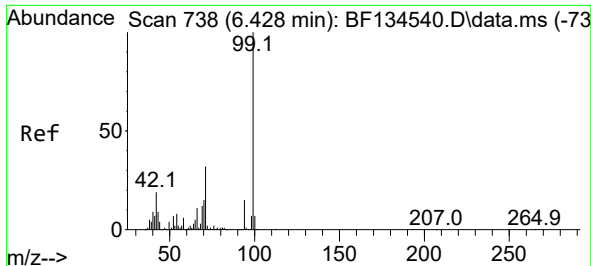
Tgt Ion:152 Resp: 199548
 Ion Ratio Lower Upper
 152 100
 150 156.0 128.3 192.5
 115 59.4 52.4 78.6



#5
 2-Fluorophenol
 Concen: 77.716 ng
 RT: 5.428 min Scan# 568
 Delta R.T. 0.000 min
 Lab File: BF134666.D
 Acq: 08 Aug 2023 12:08

Tgt Ion:112 Resp: 1020196
 Ion Ratio Lower Upper
 112 100
 64 61.3 44.9 67.3
 63 31.5 25.4 38.0

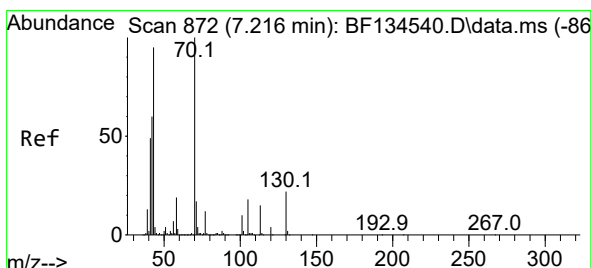
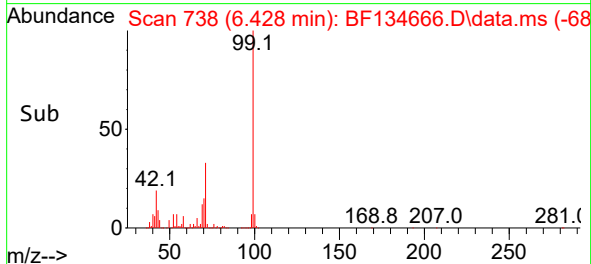
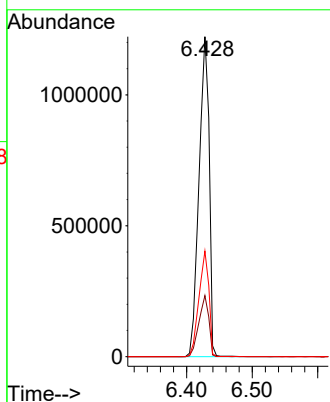
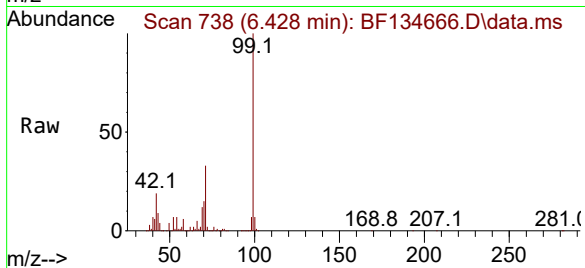




#7
Phenol-d6
Concen: 78.735 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134666.D
Acq: 08 Aug 2023 12:08

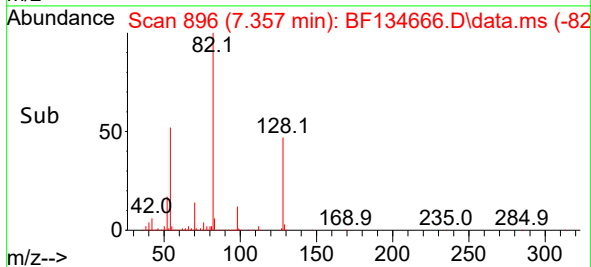
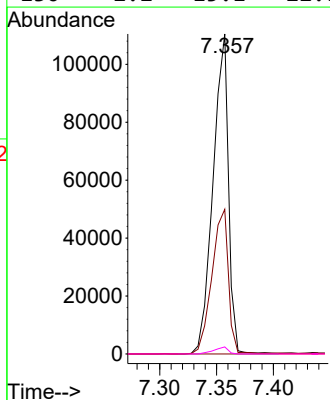
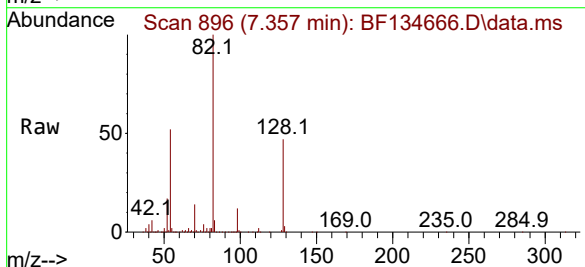
Instrument :
BNA_F
ClientSampleId :
ETGI-368

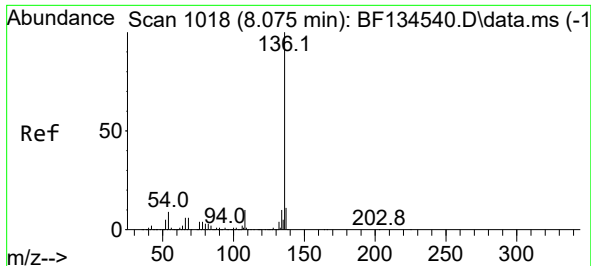
Tgt Ion: 99 Resp: 1321230
Ion Ratio Lower Upper
99 100
42 19.1 18.7 28.1
71 33.0 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 10.392 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF134666.D
Acq: 08 Aug 2023 12:08

Tgt Ion: 70 Resp: 104406
Ion Ratio Lower Upper
70 100
42 45.2 54.7 82.1#
101 0.0 8.2 12.2#
130 2.2 15.1 22.7#

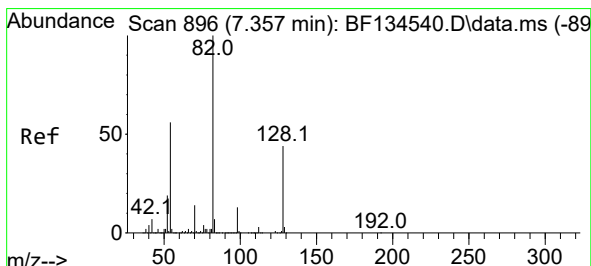
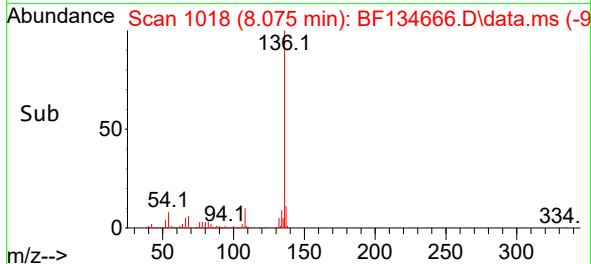
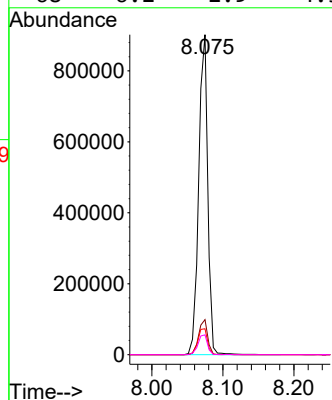
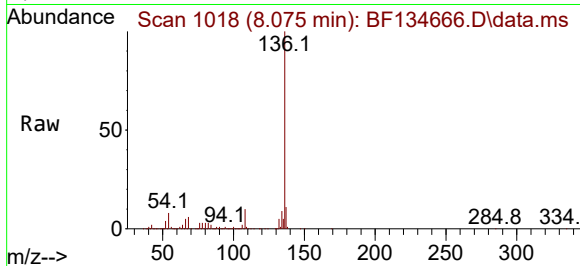




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134666.D
Acq: 08 Aug 2023 12:08

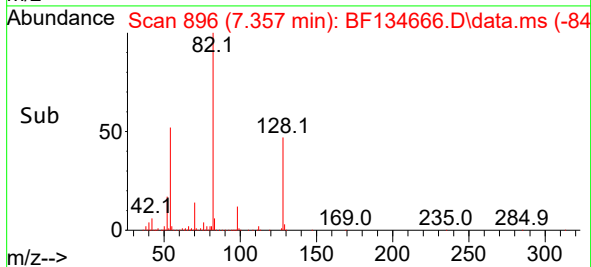
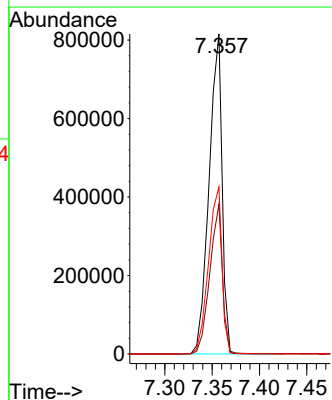
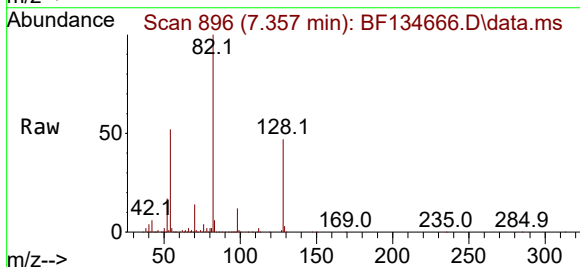
Instrument :
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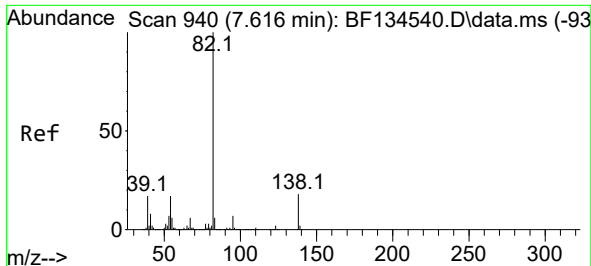
Tgt Ion:136 Resp: 801692
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.1 5.2 7.8#
68 6.2 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 60.663 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF134666.D
Acq: 08 Aug 2023 12:08

Tgt Ion: 82 Resp: 778224
Ion Ratio Lower Upper
82 100
128 46.8 34.3 51.5
54 52.2 43.8 65.6

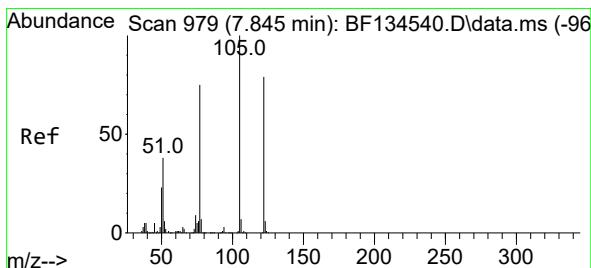
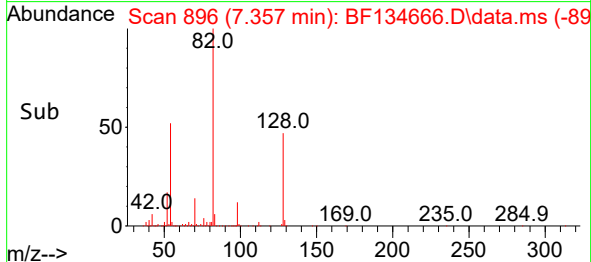
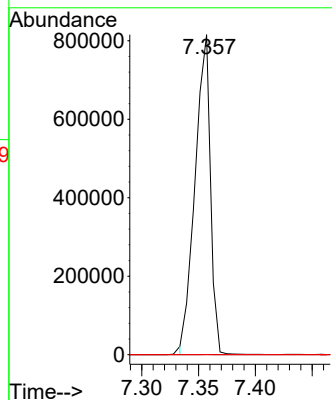
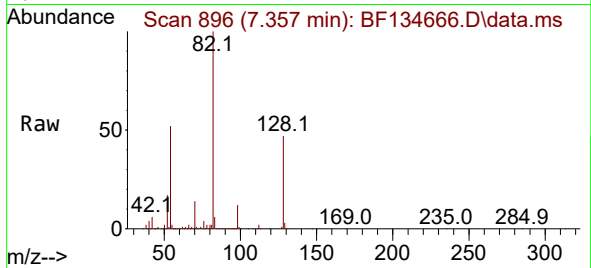




#25
Isophorone
Concen: 27.422 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.271 min
Lab File: BF134666.D
Acq: 08 Aug 2023 12:08

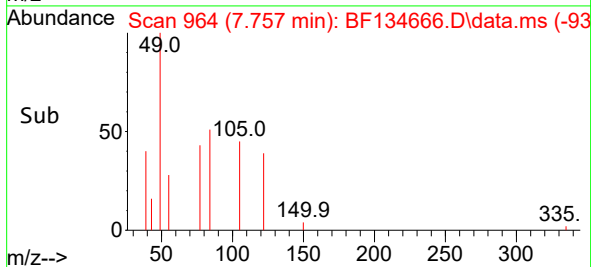
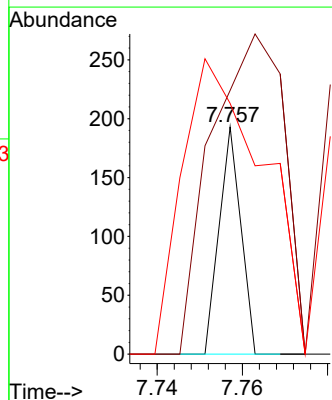
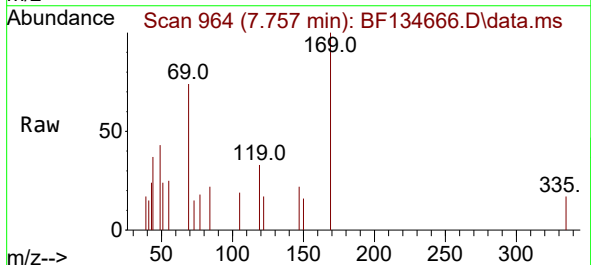
Instrument :
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ClientSampleId :
ETGI-368

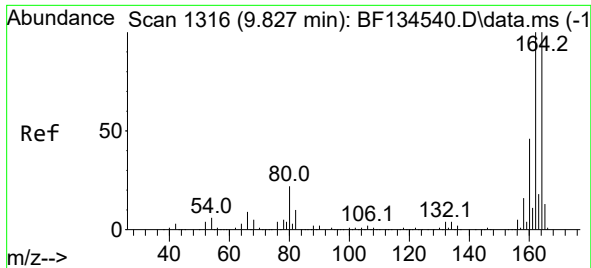
Tgt Ion: 82 Resp: 767276
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.874 ng
RT: 7.757 min Scan# 964
Delta R.T. -0.106 min
Lab File: BF134666.D
Acq: 08 Aug 2023 12:08

Tgt Ion:122 Resp: 68
Ion Ratio Lower Upper
122 100
105 116.1 87.5 127.5
77 110.4 71.4 111.4

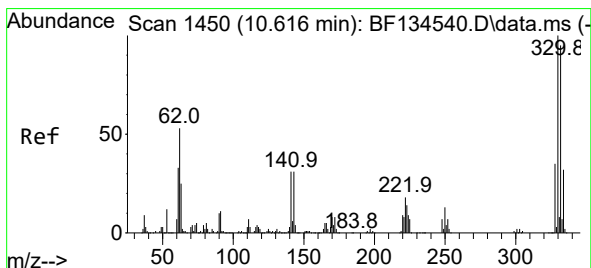
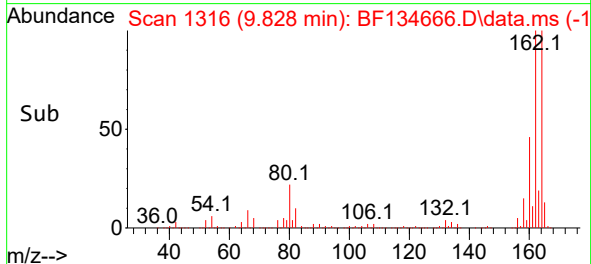
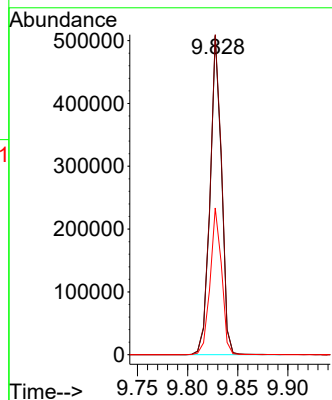
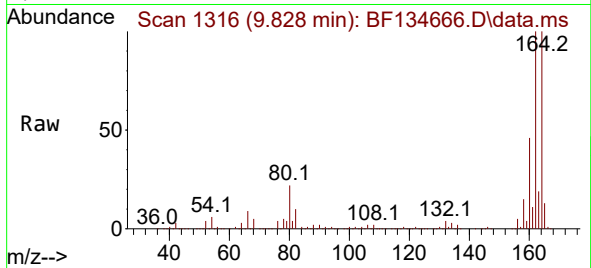




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134666.D
Acq: 08 Aug 2023 12:08

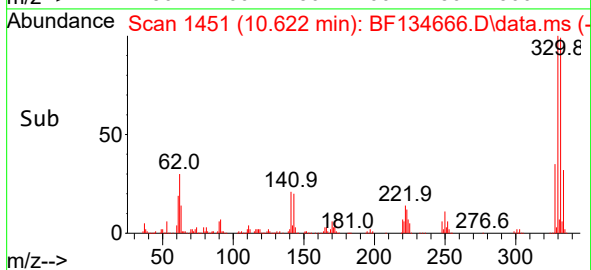
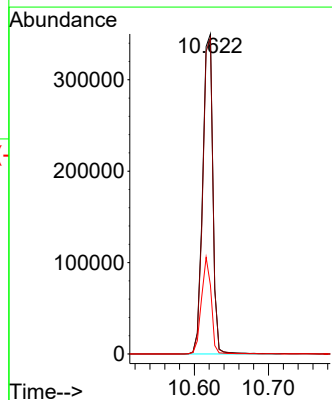
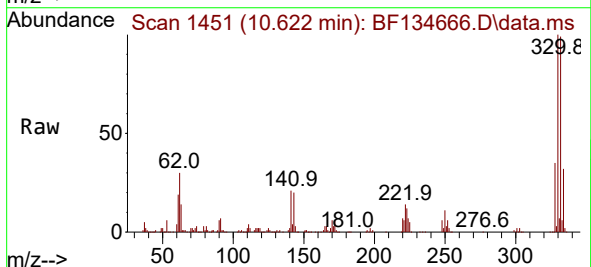
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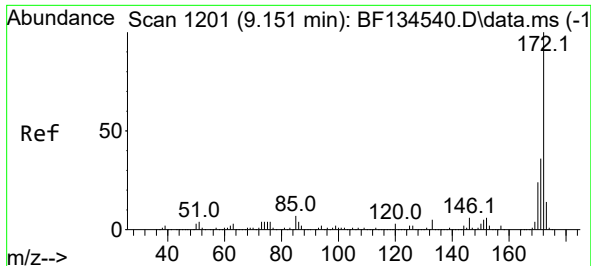
Tgt Ion:164 Resp: 402492
Ion Ratio Lower Upper
164 100
162 100.5 82.6 123.8
160 46.1 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 80.926 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134666.D
Acq: 08 Aug 2023 12:08

Tgt Ion:330 Resp: 332043
Ion Ratio Lower Upper
330 100
332 97.8 78.8 118.2
141 29.0 25.4 38.2

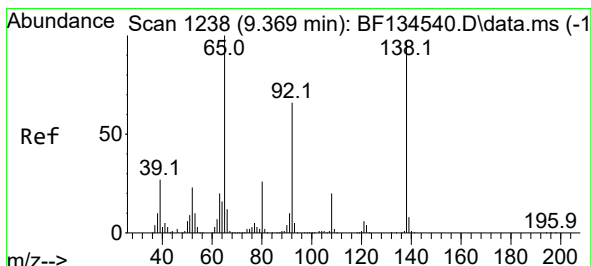
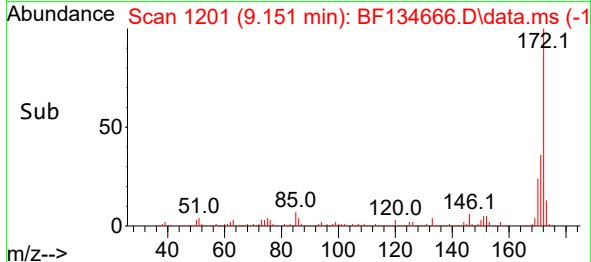
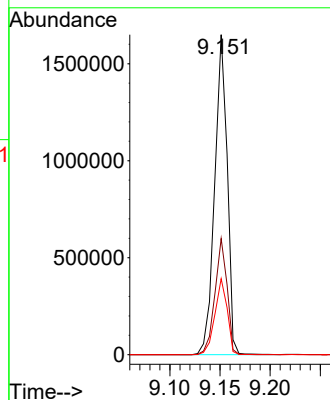
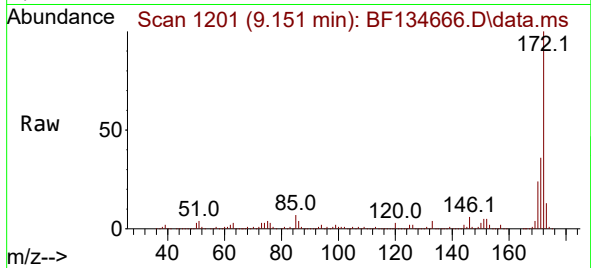




#45
2-Fluorobiphenyl
Concen: 59.223 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134666.D
Acq: 08 Aug 2023 12:08

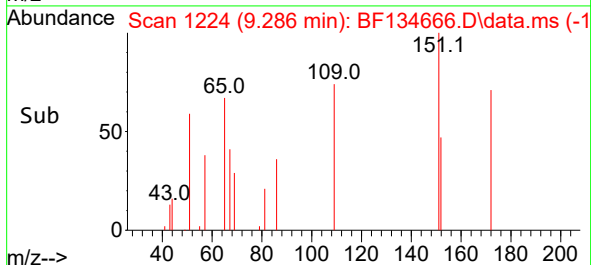
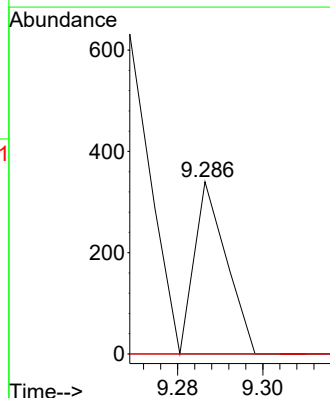
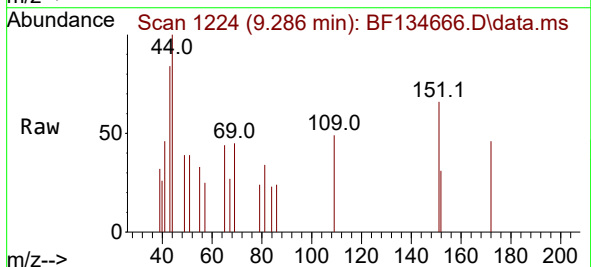
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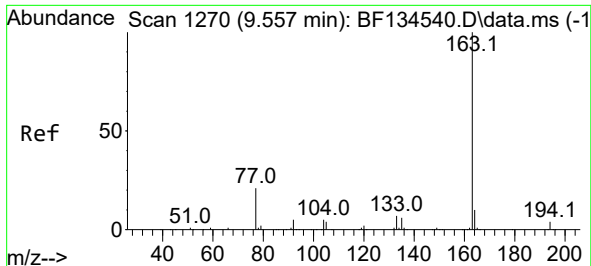
Tgt Ion:172 Resp: 1433623
Ion Ratio Lower Upper
172 100
171 36.3 28.8 43.2
170 23.7 18.7 28.1



#48
2-Nitroaniline
Concen: 3.189 ng
RT: 9.286 min Scan# 1224
Delta R.T. -0.094 min
Lab File: BF134666.D
Acq: 08 Aug 2023 12:08

Tgt Ion: 65 Resp: 177
Ion Ratio Lower Upper
65 100
92 0.0 50.7 76.1#
138 0.0 78.2 117.4#

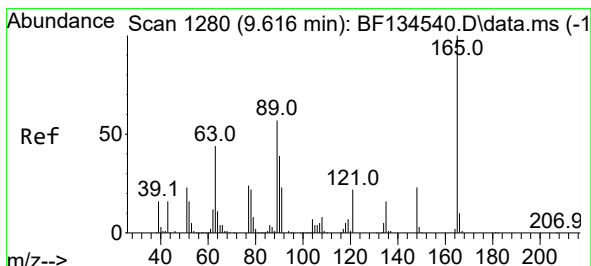
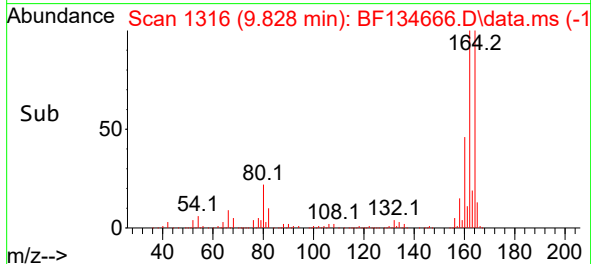
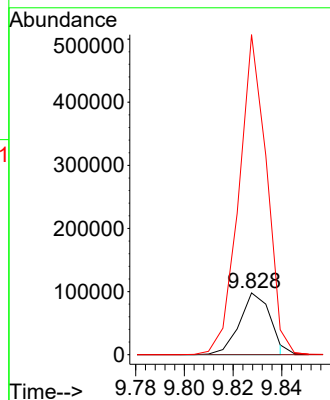
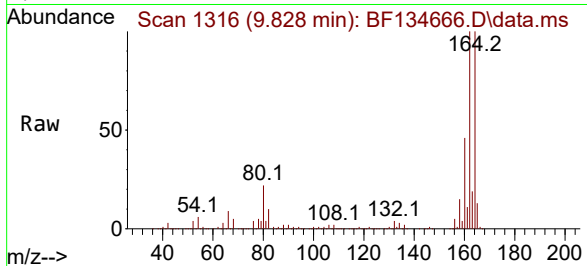




#50
Dimethylphthalate
Concen: 3.130 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.259 min
Lab File: BF134666.D
Acq: 08 Aug 2023 12:08

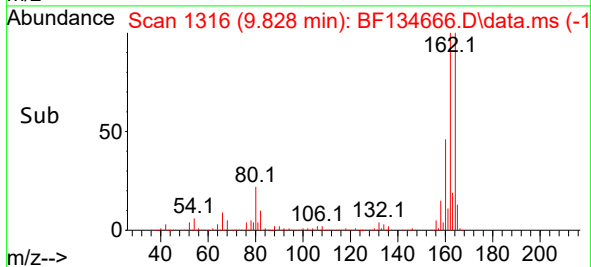
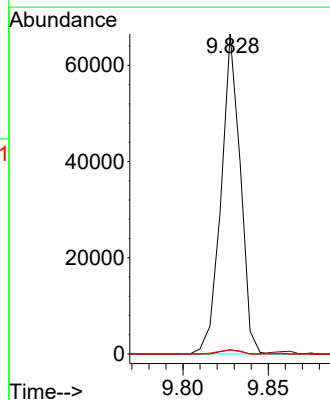
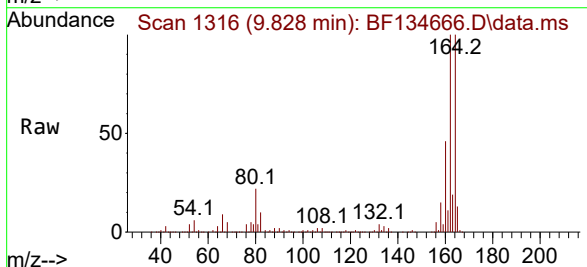
Instrument :
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ClientSampleId :
ETGI-368

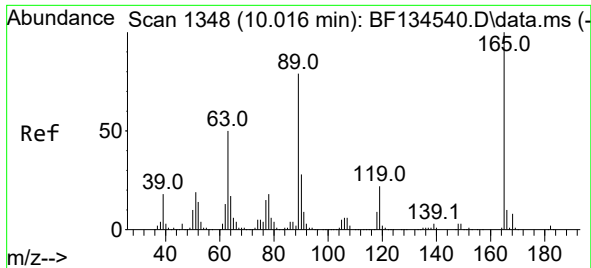
Tgt Ion:163 Resp: 85867
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 517.9 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.290 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.200 min
Lab File: BF134666.D
Acq: 08 Aug 2023 12:08

Tgt Ion:165 Resp: 52141
Ion Ratio Lower Upper
165 100
63 1.2 57.8 86.6#
89 1.3 51.8 77.8#

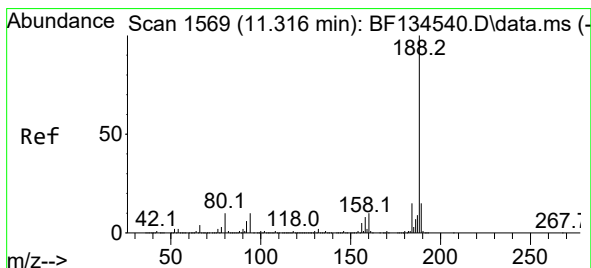
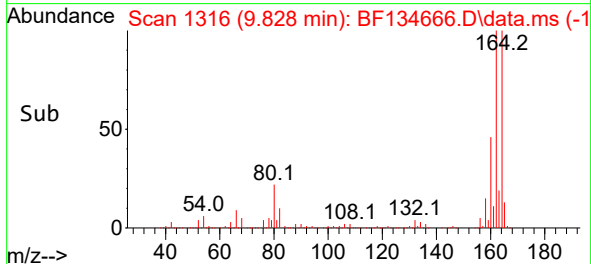
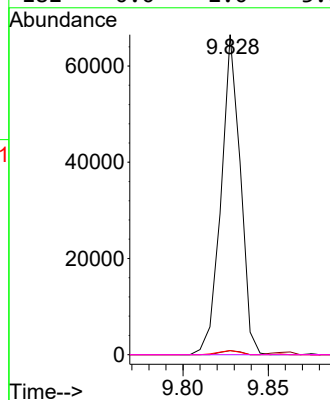
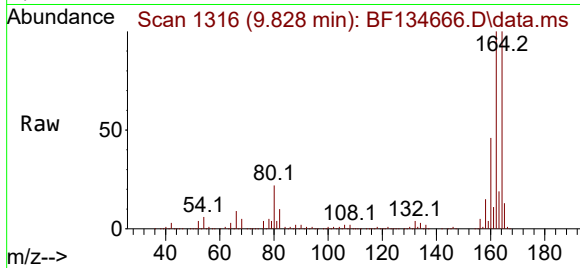




#57
2,4-Dinitrotoluene
Concen: 10.075 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF134666.D
Acq: 08 Aug 2023 12:08

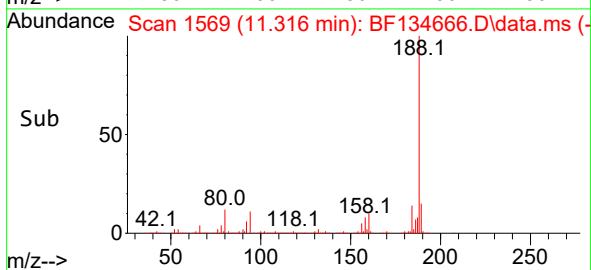
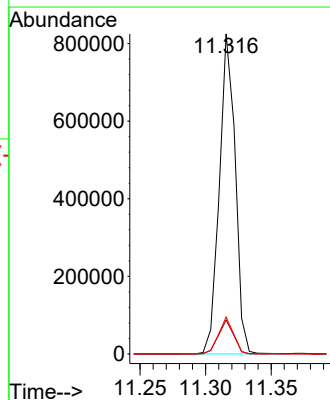
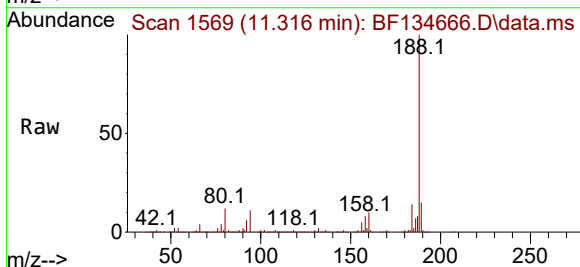
Instrument :
BNA_F
ClientSampleId :
ETGI-368

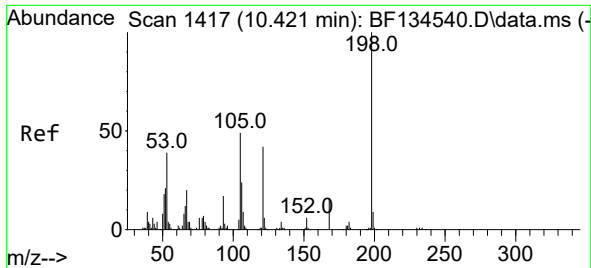
Tgt Ion:165 Resp: 52141
Ion Ratio Lower Upper
165 100
63 1.2 48.9 73.3#
89 1.3 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF134666.D
Acq: 08 Aug 2023 12:08

Tgt Ion:188 Resp: 694177
Ion Ratio Lower Upper
188 100
94 10.6 5.1 7.7#
80 11.5 6.6 9.8#

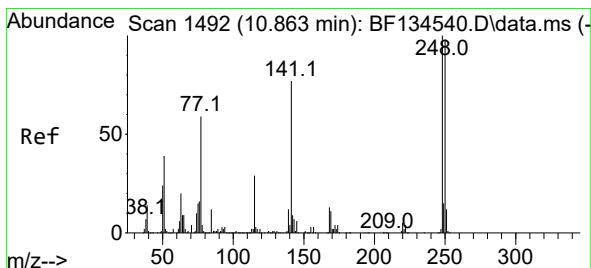
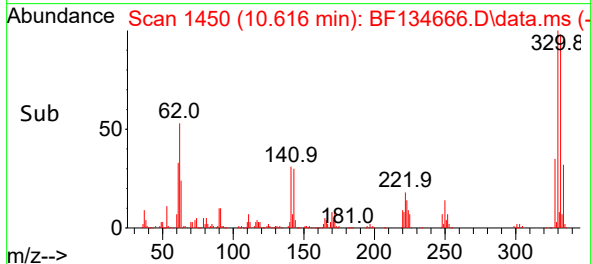
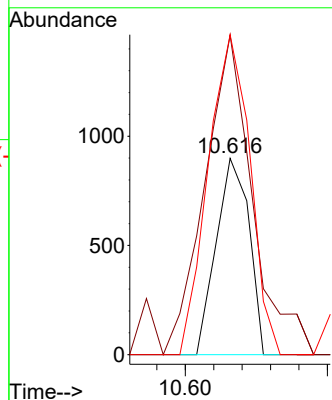
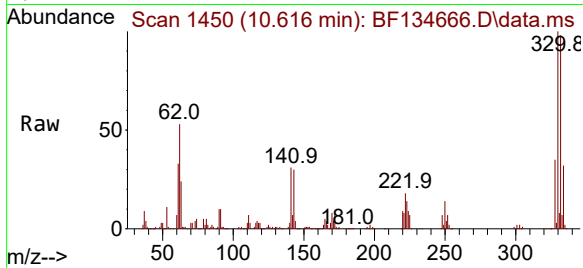




#65
4,6-Dinitro-2-methylphenol
Concen: 8.909 ng
RT: 10.616 min Scan# 1417
Delta R.T. 0.177 min
Lab File: BF134666.D
Acq: 08 Aug 2023 12:08

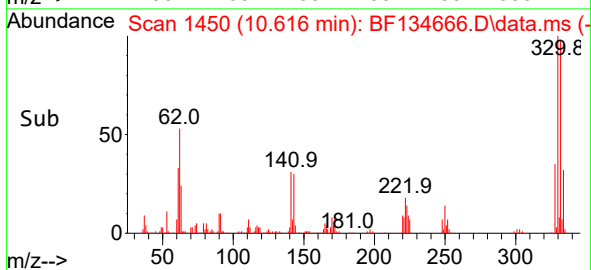
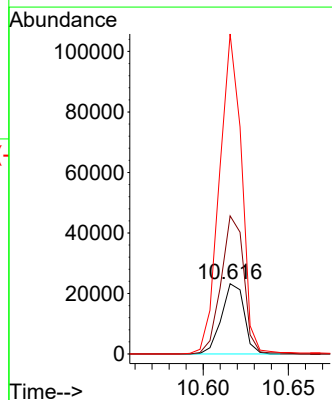
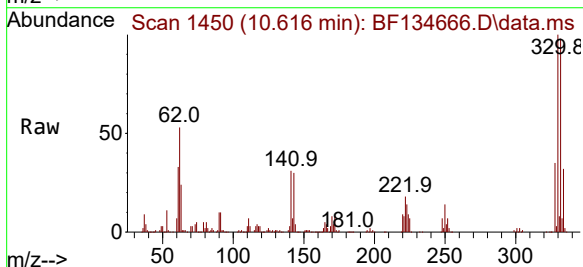
Instrument :
BNA_F
ClientSampleId :
ETGI-368

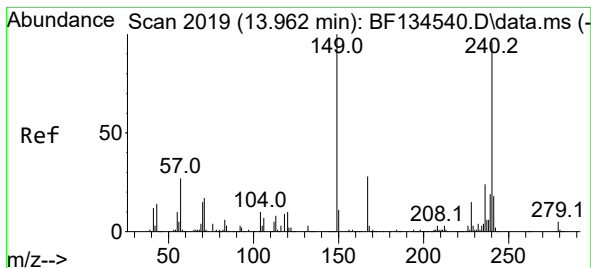
Tgt Ion:198 Resp: 719
Ion Ratio Lower Upper
198 100
51 162.6 38.6 78.6#
105 163.0 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 2.834 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.253 min
Lab File: BF134666.D
Acq: 08 Aug 2023 12:08

Tgt Ion:248 Resp: 21538
Ion Ratio Lower Upper
248 100
250 196.5 79.6 119.4#
141 455.5 59.6 89.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF134666.D

Acq: 08 Aug 2023 12:08

Instrument :

BNA_F

ClientSampleId :

ETGI-368

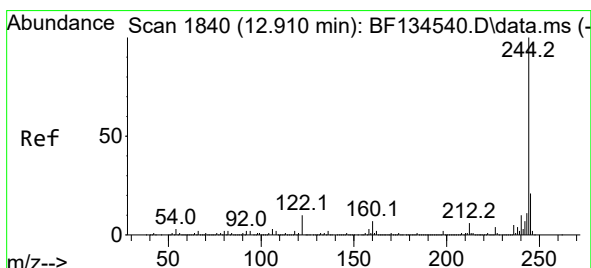
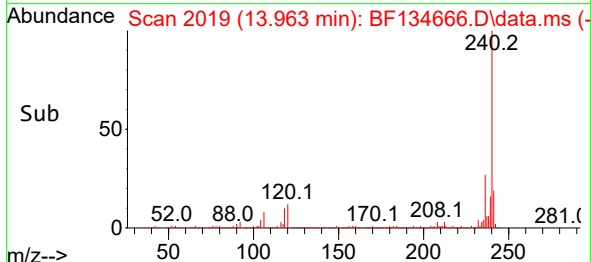
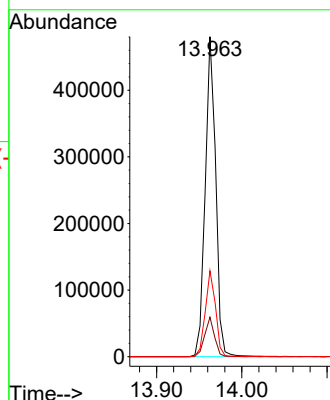
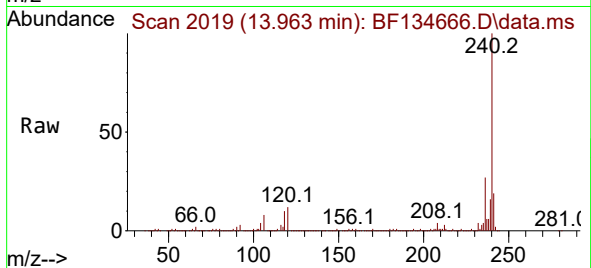
Tgt Ion:240 Resp: 410378

Ion Ratio Lower Upper

240 100

120 12.3 6.6 10.0#

236 26.8 20.2 30.2



#79

Terphenyl-d14

Concen: 59.808 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.012 min

Lab File: BF134666.D

Acq: 08 Aug 2023 12:08

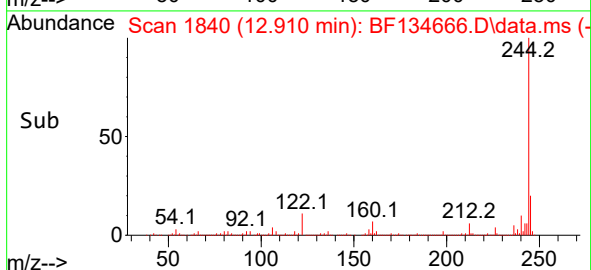
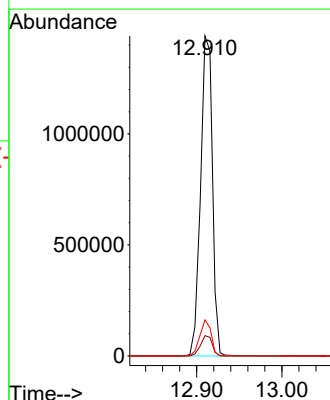
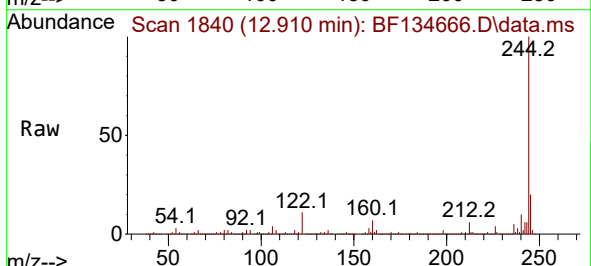
Tgt Ion:244 Resp: 1392277

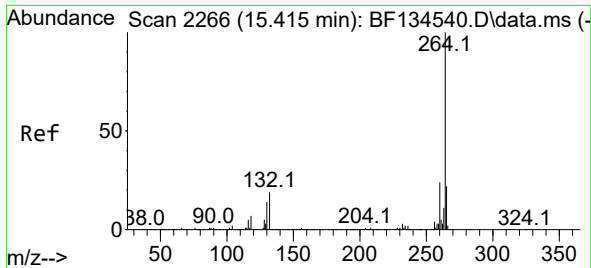
Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

122 11.3 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF134666.D
 Acq: 08 Aug 2023 12:08

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-368

Tgt Ion:264 Resp: 411573
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.4 27.6
 265 21.4 15.8 23.8

