

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030221\
 Data File : BF123348.D
 Acq On : 2 Mar 2021 21:31
 Operator : JU/CG
 Sample : M1527-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-371

Quant Time: Mar 02 23:52:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 16:08:53 2021
 Response via : Initial Calibration

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

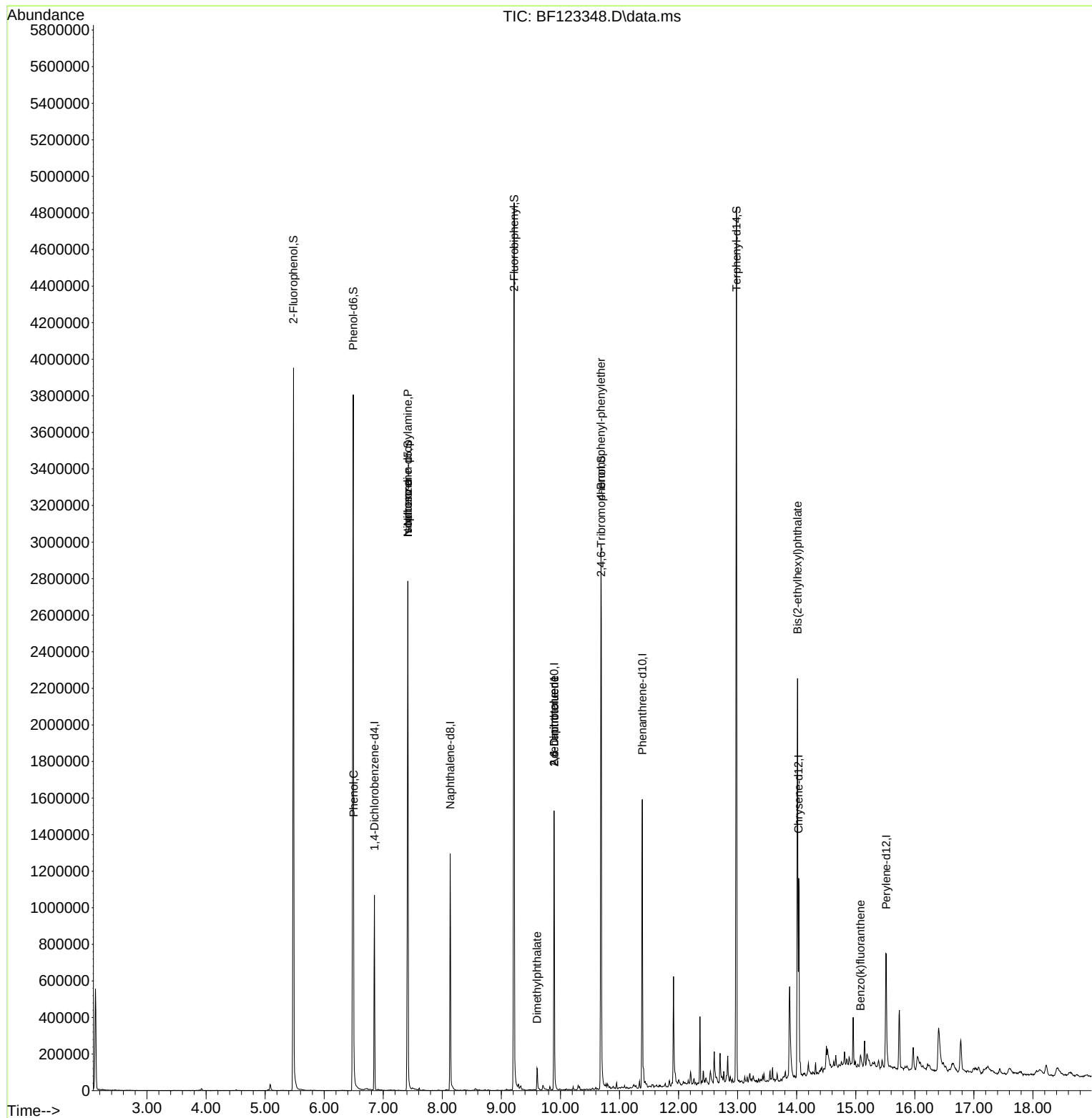
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	127306	20.00	ng	0.00
21) Naphthalene-d8	8.134	136	533697	20.00	ng	#-0.01
39) Acenaphthene-d10	9.892	164	278125	20.00	ng	-0.01
64) Phenanthrene-d10	11.386	188	525699	20.00	ng	0.00
76) Chrysene-d12	14.033	240	354549	20.00	ng	-0.01
86) Perylene-d12	15.515	264	291031	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1051150	118.85	ng	0.00
7) Phenol-d6	6.492	99	1367997	113.85	ng	0.00
23) Nitrobenzene-d5	7.416	82	946867	81.22	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	336669	118.88	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1439161	74.33	ng	0.00
79) Terphenyl-d14	12.980	244	1406147	76.26	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.492	77	2649	Below Cal	#	1
10) Phenol	6.498	94	37925	2.90	ng	# 56
19) n-Nitroso-di-n-propyla...	7.416	70	132368	18.52	ng	# 79
25) Isophorone	7.416	82	946860	43.43	ng	# 65
50) Dimethylphthalate	9.604	163	53617	2.58	ng	100
51) 2,6-Dinitrotoluene	9.892	165	35510	7.41	ng	# 31
57) 2,4-Dinitrotoluene	9.892	165	35510	5.51	ng	# 25
67) 4-Bromophenyl-phenylether	10.686	248	25355	4.42	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.015	149	531773	33.01	ng	99
89) Benzo(k)fluoranthene	15.080	252	40657	2.19	ng	# 94

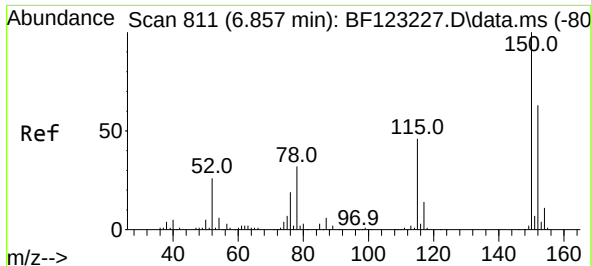
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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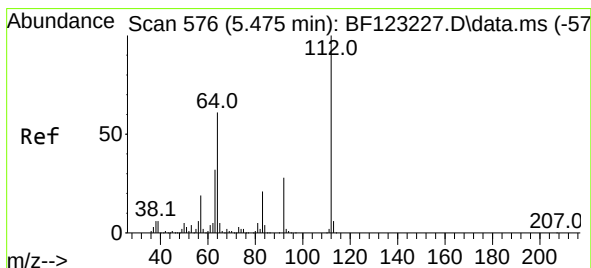
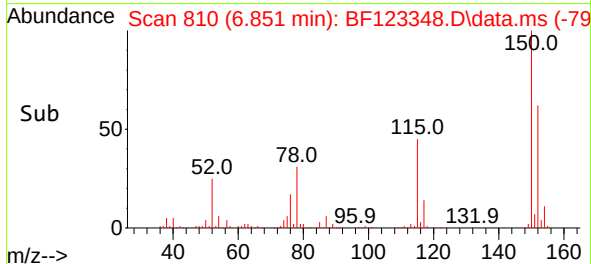
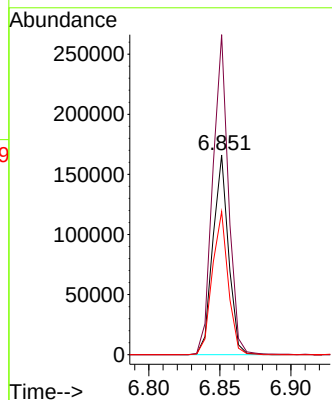
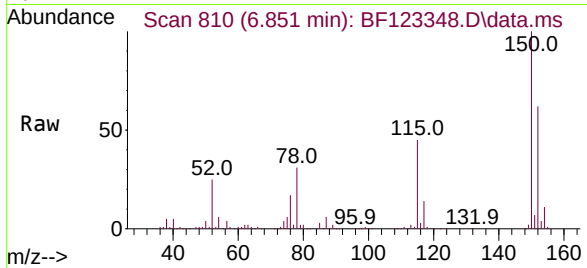




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF123348.D
Acq: 2 Mar 2021 21:31

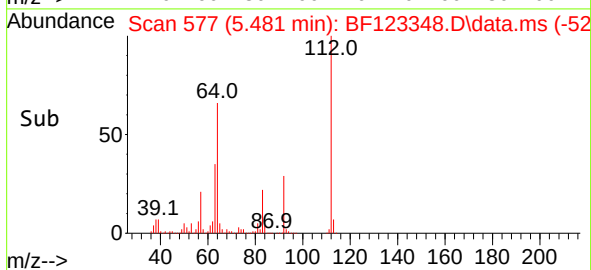
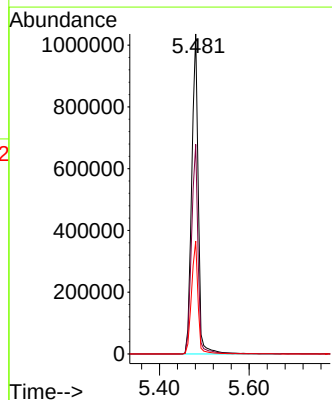
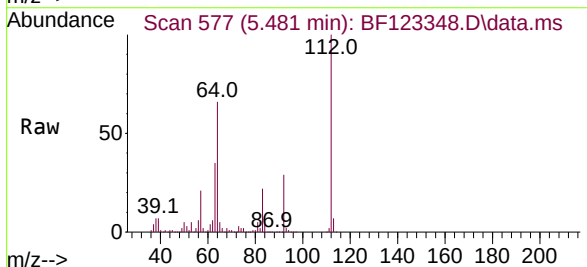
Instrument :
BNA_F
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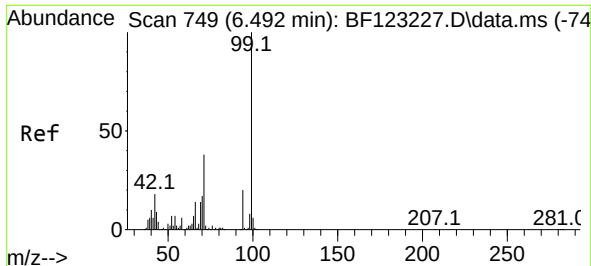
Tgt Ion:152 Resp: 127306
Ion Ratio Lower Upper
152 100
150 160.3 125.8 188.6
115 71.7 49.3 73.9



#5
2-Fluorophenol
Concen: 118.85 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.006 min
Lab File: BF123348.D
Acq: 2 Mar 2021 21:31

Tgt Ion:112 Resp: 1051150
Ion Ratio Lower Upper
112 100
64 65.5 46.9 70.3
63 35.2 24.5 36.7

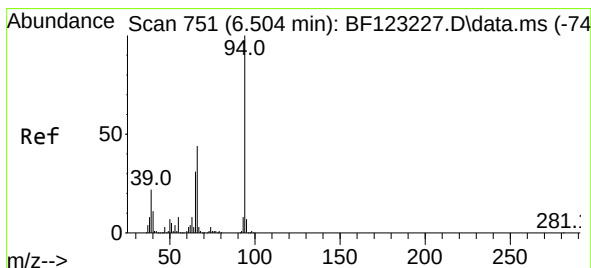
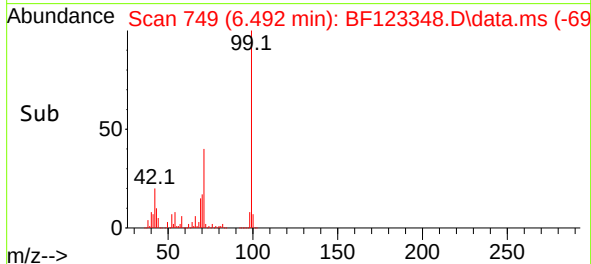
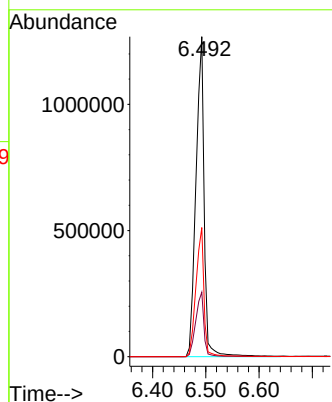
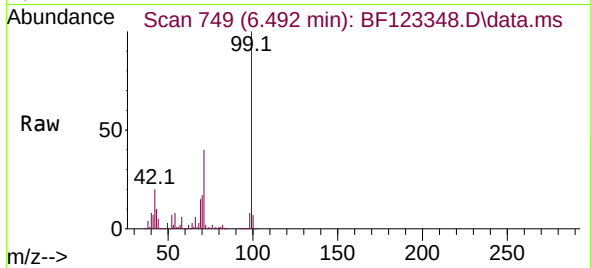




#7
Phenol-d6
Concen: 113.85 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF123348.D
Acq: 2 Mar 2021 21:31

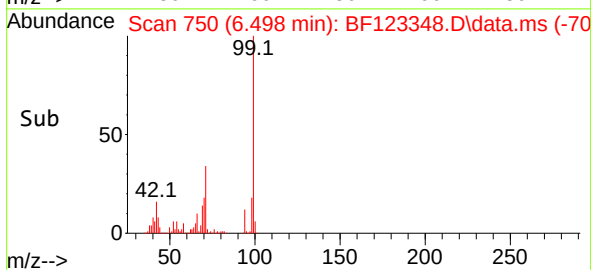
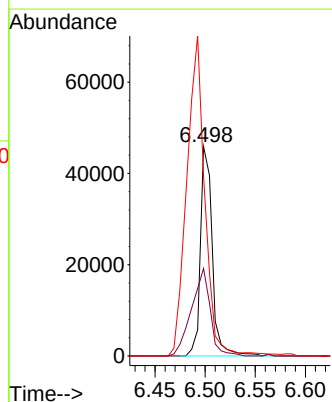
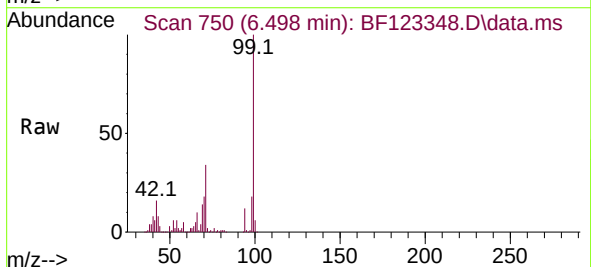
Instrument :
BNA_F
ClientSampleId :
ETGI-371

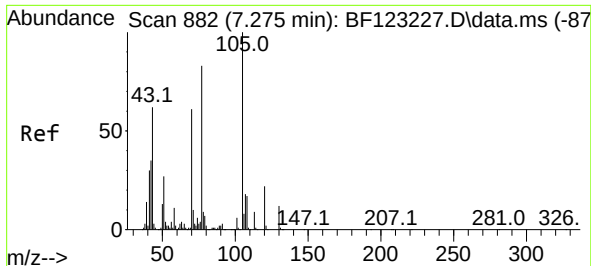
Tgt Ion: 99 Resp: 1367997
Ion Ratio Lower Upper
99 100
42 20.2 13.8 20.6
71 40.3 26.9 40.3#



#10
Phenol
Concen: 2.90 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF123348.D
Acq: 2 Mar 2021 21:31

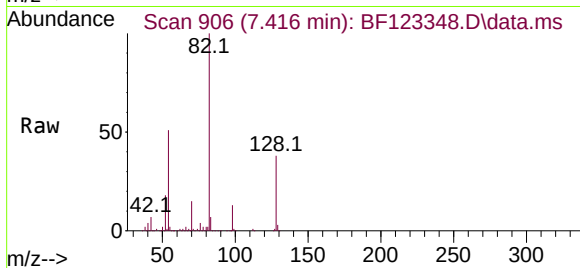
Tgt Ion: 94 Resp: 37925
Ion Ratio Lower Upper
94 100
65 41.8 11.2 51.2
66 85.8 25.8 65.8#



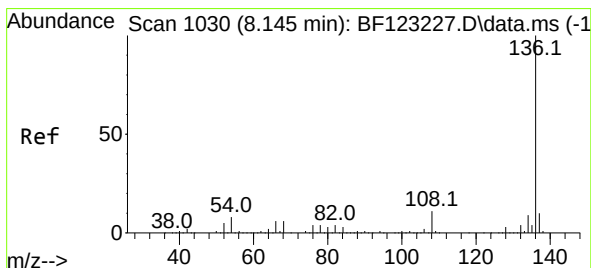
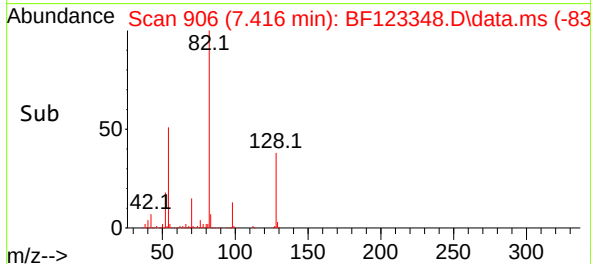
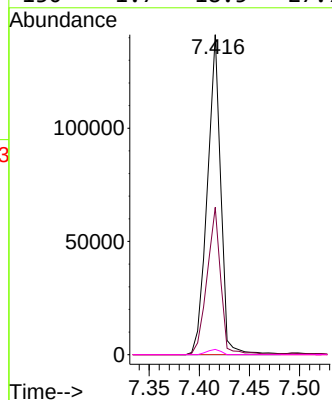


#19
n-Nitroso-di-n-propylamine
Concen: 18.52 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF123348.D
Acq: 2 Mar 2021 21:31

Instrument :
BNA_F
ClientSampleId :
ETGI-371

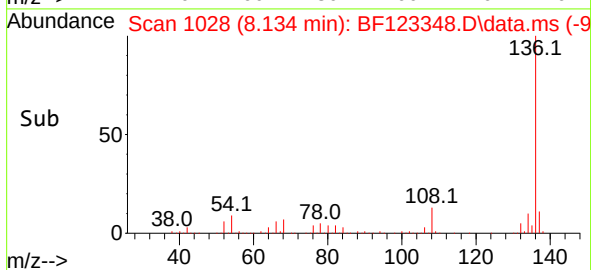
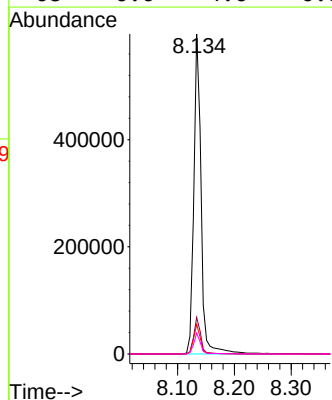
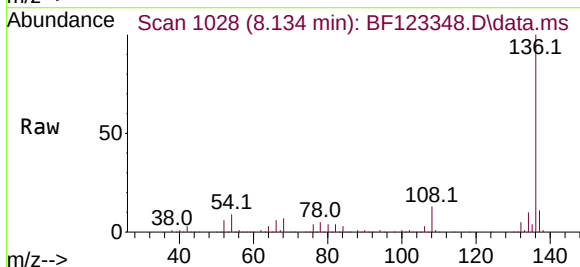


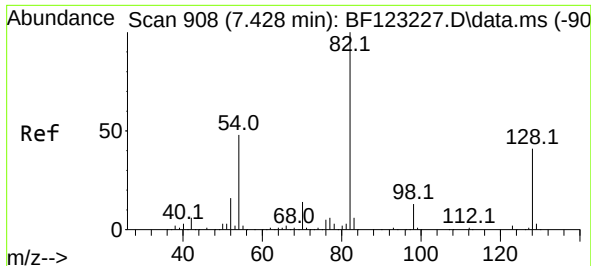
Tgt Ion: 70 Resp: 132368
Ion Ratio Lower Upper
70 100
42 46.0 43.0 64.4
101 0.0 7.9 11.9#
130 1.7 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF123348.D
Acq: 2 Mar 2021 21:31

Tgt Ion: 136 Resp: 533697
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 9.2 5.5 8.3#
68 6.6 4.6 6.8





#23

Nitrobenzene-d5

Concen: 81.22 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF123348.D

Acq: 2 Mar 2021 21:31

Tgt Ion: 82 Resp: 946867

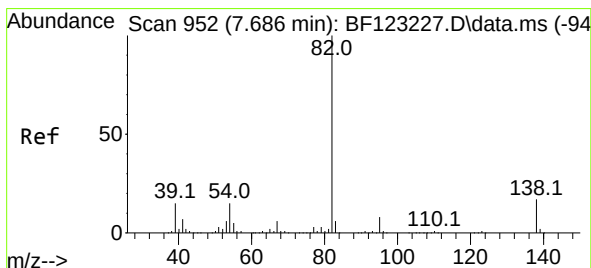
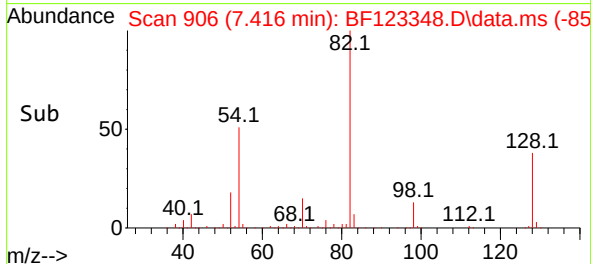
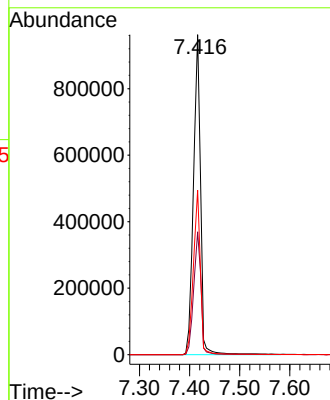
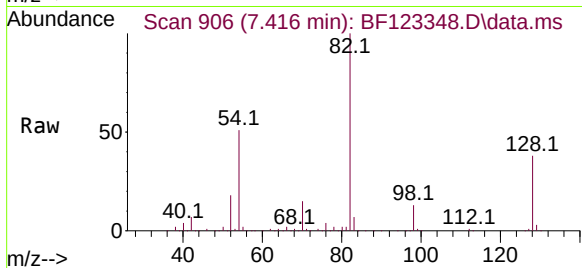
Ion	Ratio	Lower	Upper
82	100		
128	38.4	37.0	55.4
54	51.4	38.4	57.6

Instrument :

BNA_F

ClientSampleId :

ETGI-371



#25

Isophorone

Concen: 43.43 ng

RT: 7.416 min Scan# 906

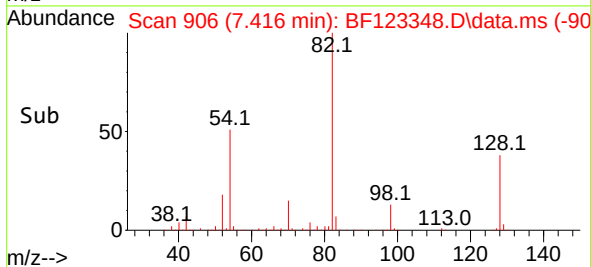
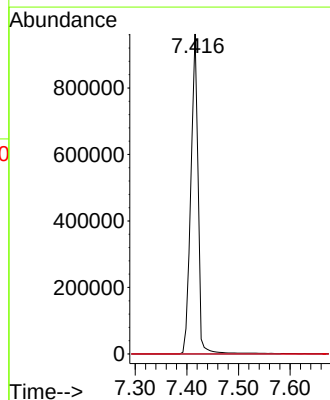
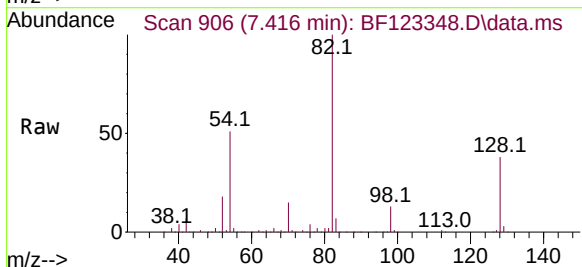
Delta R.T. -0.271 min

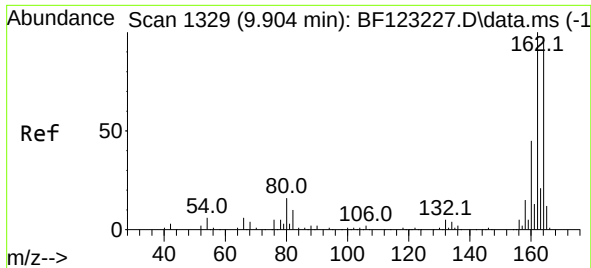
Lab File: BF123348.D

Acq: 2 Mar 2021 21:31

Tgt Ion: 82 Resp: 946860

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.6	21.8#

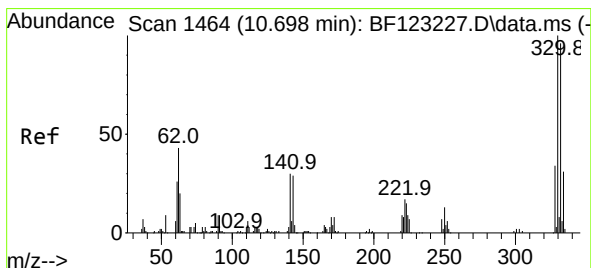
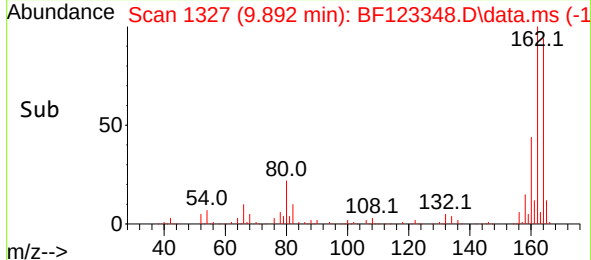
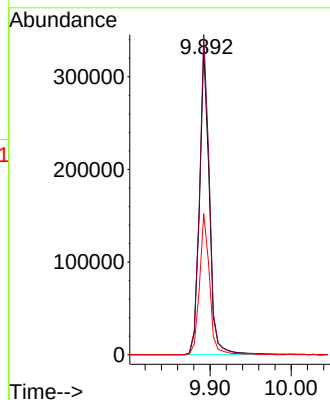
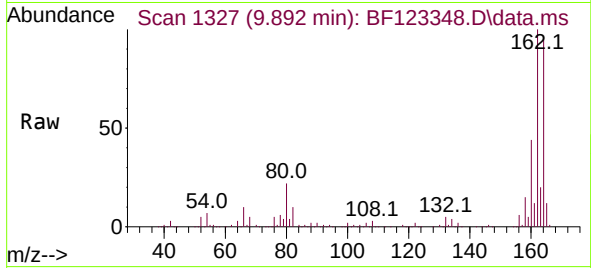




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF123348.D
Acq: 2 Mar 2021 21:31

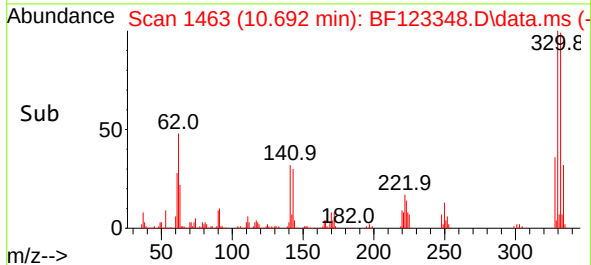
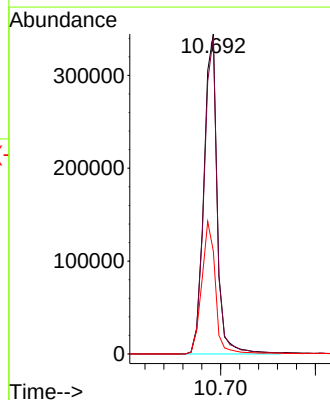
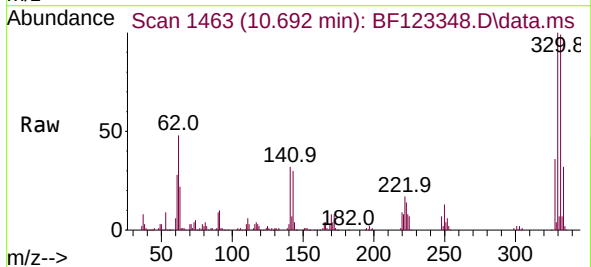
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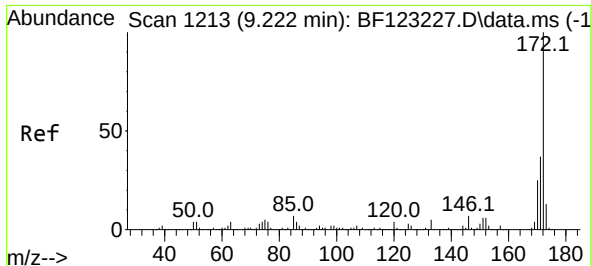
Tgt Ion:164 Resp: 278125
Ion Ratio Lower Upper
164 100
162 104.8 80.8 121.2
160 46.2 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 118.88 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF123348.D
Acq: 2 Mar 2021 21:31

Tgt Ion:330 Resp: 336669
Ion Ratio Lower Upper
330 100
332 98.3 77.5 116.3
141 42.9 23.8 35.8#

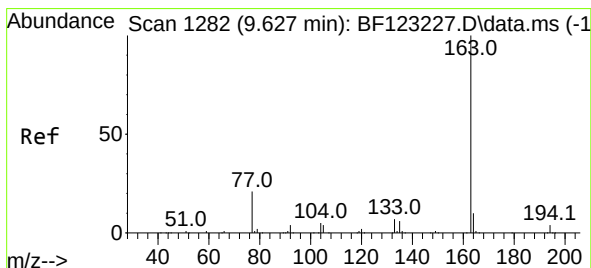
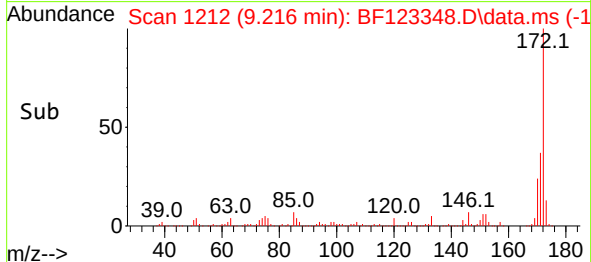
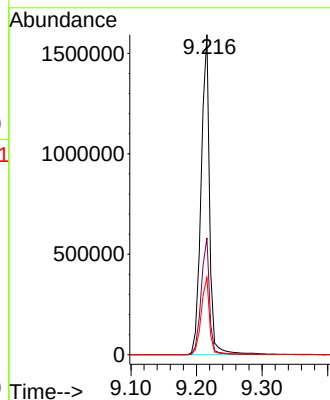
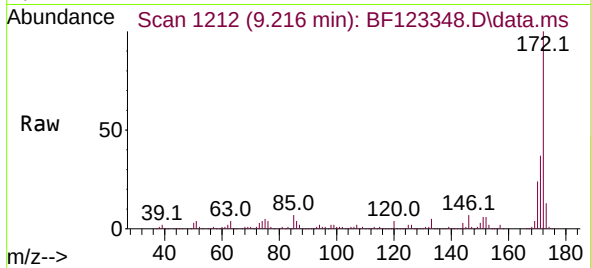




#45
2-Fluorobiphenyl
Concen: 74.33 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF123348.D
Acq: 2 Mar 2021 21:31

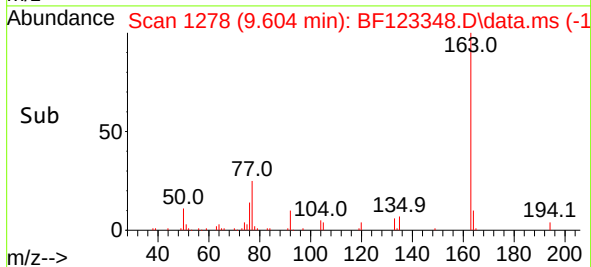
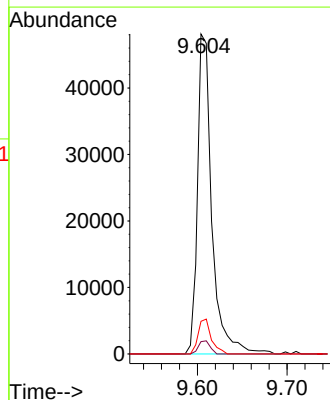
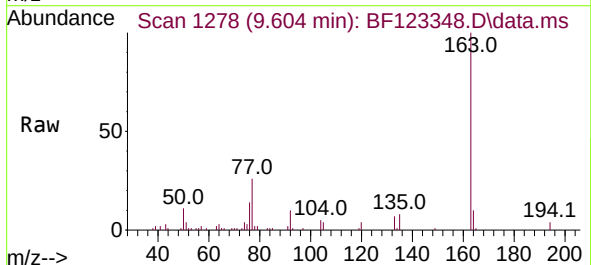
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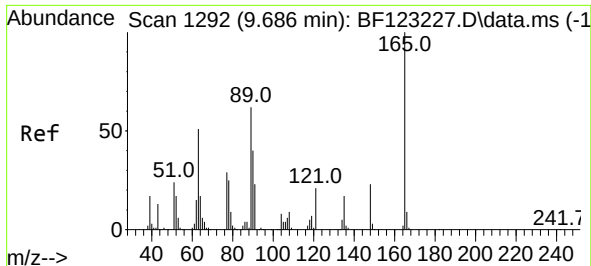
Tgt Ion:172 Resp: 1439161
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.1 19.5 29.3



#50
Dimethylphthalate
Concen: 2.58 ng
RT: 9.604 min Scan# 1278
Delta R.T. -0.023 min
Lab File: BF123348.D
Acq: 2 Mar 2021 21:31

Tgt Ion:163 Resp: 53617
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.2 8.1 12.1

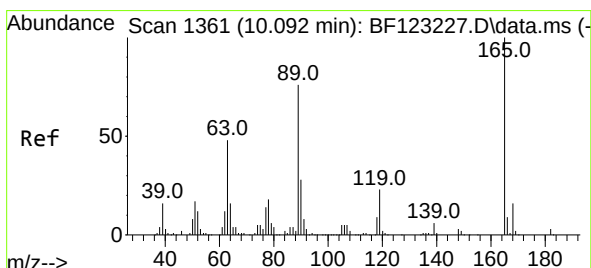
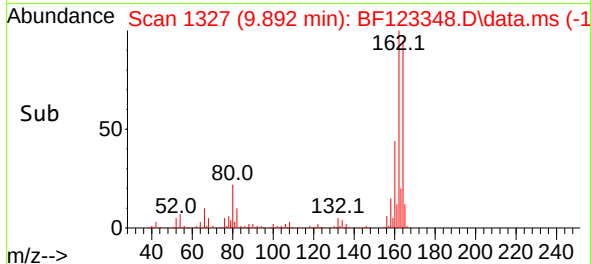
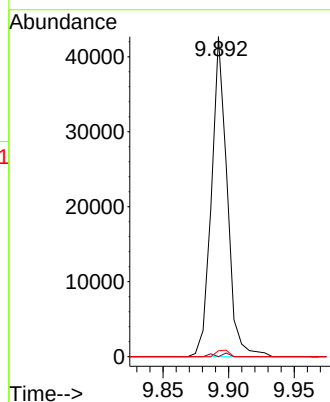
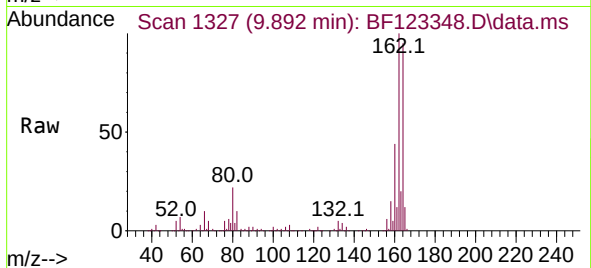




#51
2,6-Dinitrotoluene
Concen: 7.41 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.206 min
Lab File: BF123348.D
Acq: 2 Mar 2021 21:31

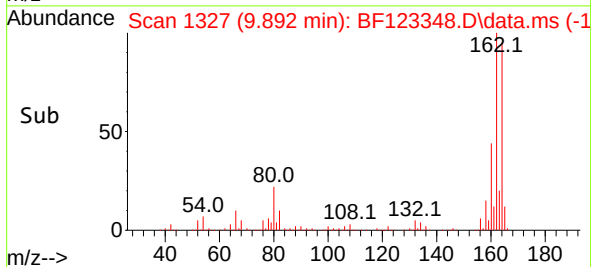
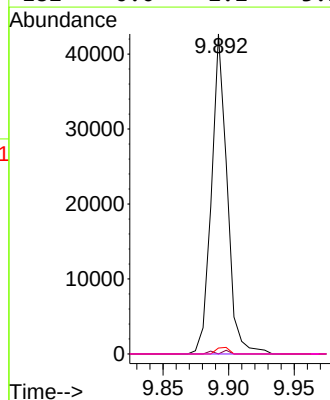
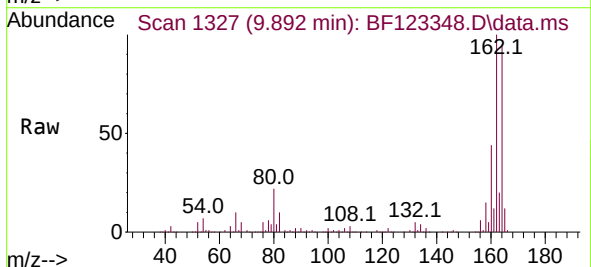
Instrument :
BNA_F
ClientSampleId :
ETGI-371

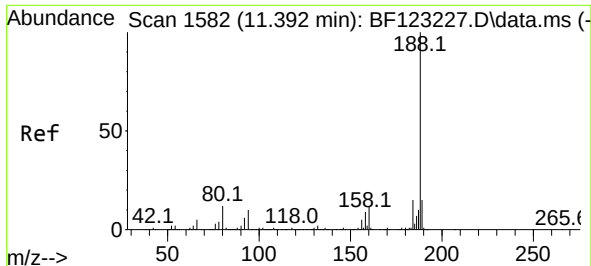
Tgt Ion:165 Resp: 35510
Ion Ratio Lower Upper
165 100
63 0.0 36.6 55.0#
89 1.8 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.51 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF123348.D
Acq: 2 Mar 2021 21:31

Tgt Ion:165 Resp: 35510
Ion Ratio Lower Upper
165 100
63 0.0 34.3 51.5#
89 1.8 55.2 82.8#
182 0.0 2.2 3.2#

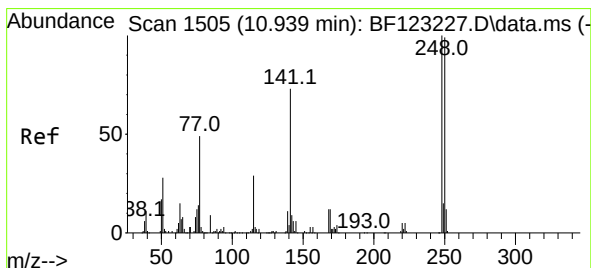
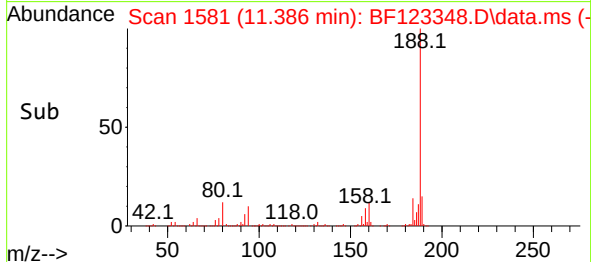
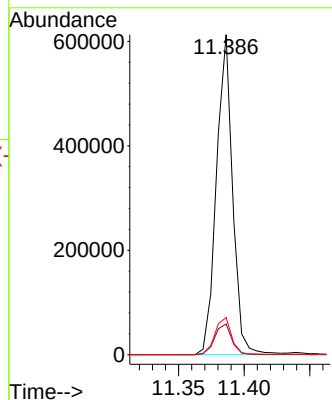
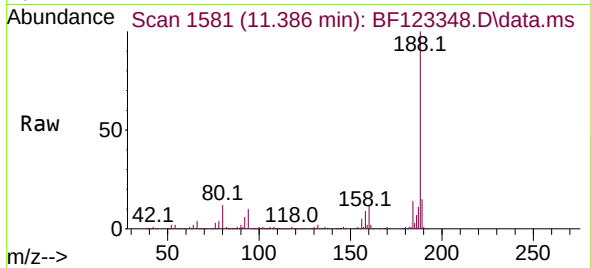




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF123348.D
Acq: 2 Mar 2021 21:31

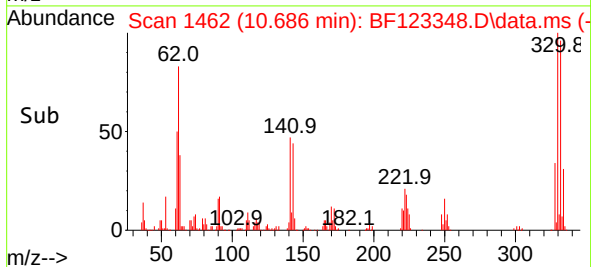
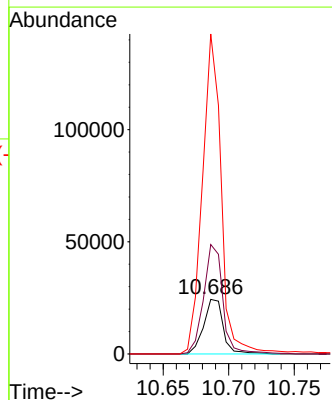
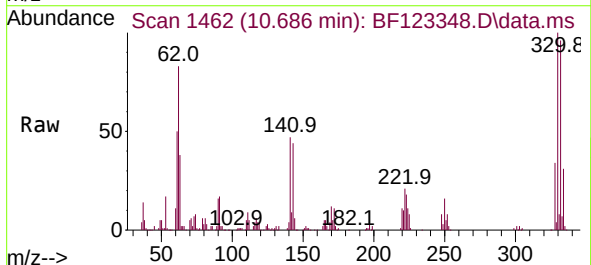
Instrument :
BNA_F
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ETGI-371

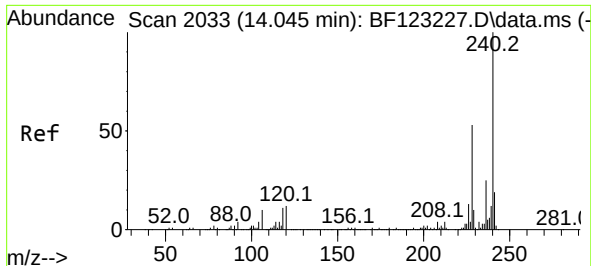
Tgt Ion:188 Resp: 525699
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 11.6 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 4.42 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.253 min
Lab File: BF123348.D
Acq: 2 Mar 2021 21:31

Tgt Ion:248 Resp: 25355
Ion Ratio Lower Upper
248 100
250 200.3 76.8 115.2#
141 585.8 59.8 89.8#

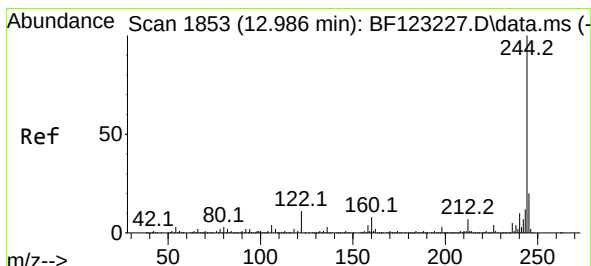
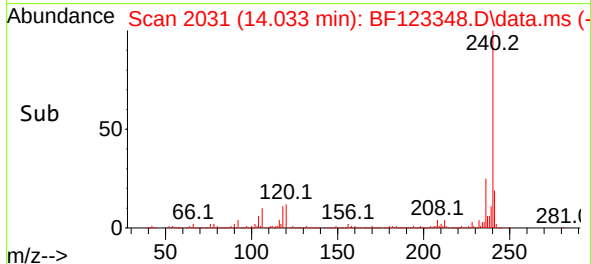
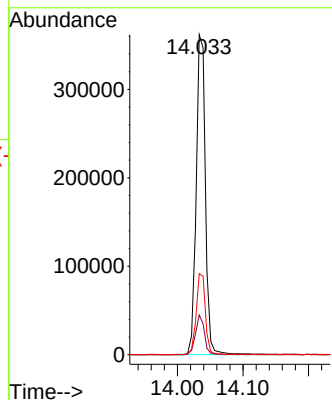
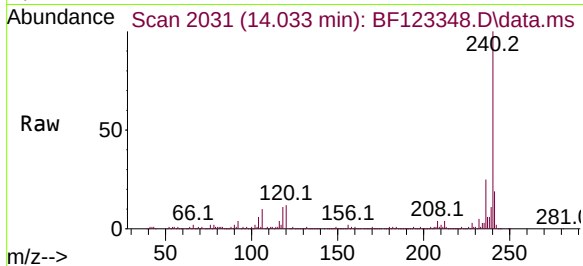




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF123348.D
Acq: 2 Mar 2021 21:31

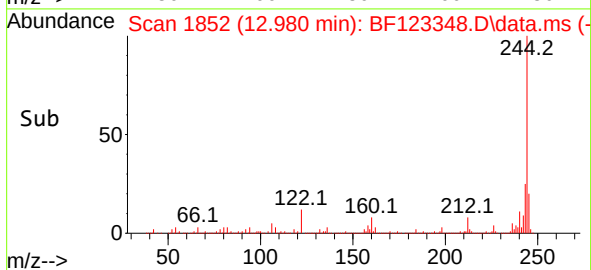
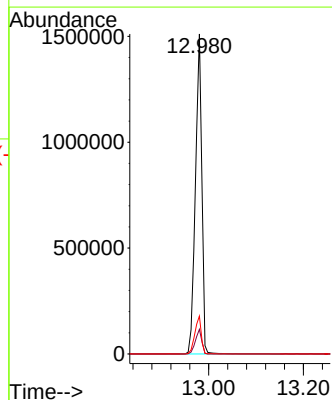
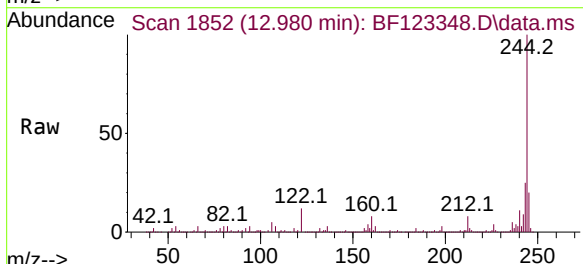
Instrument :
BNA_F
ClientSampleId :
ETGI-371

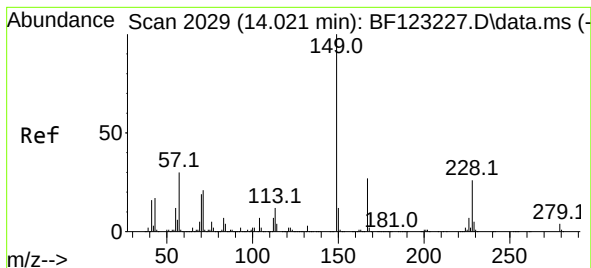
Tgt Ion:240 Resp: 354549
Ion Ratio Lower Upper
240 100
120 12.4 8.6 12.8
236 25.3 20.3 30.5



#79
Terphenyl-d14
Concen: 76.26 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF123348.D
Acq: 2 Mar 2021 21:31

Tgt Ion:244 Resp: 1406147
Ion Ratio Lower Upper
244 100
212 7.7 5.7 8.5
122 11.8 8.3 12.5

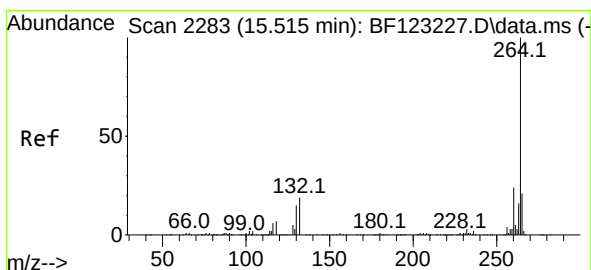
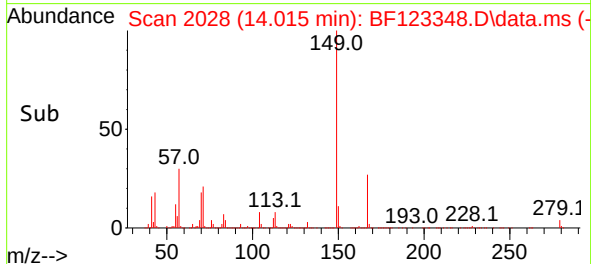
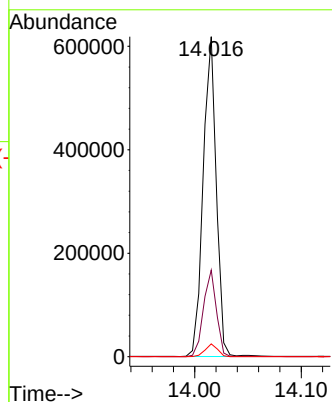
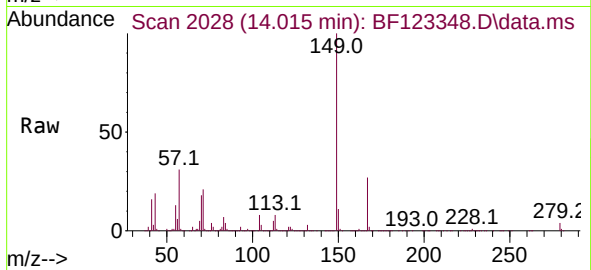




#84
Bis(2-ethylhexyl)phthalate
Concen: 33.01 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF123348.D
Acq: 2 Mar 2021 21:31

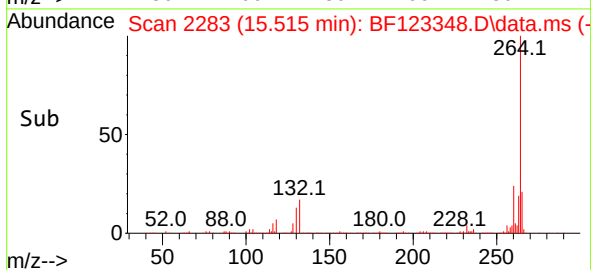
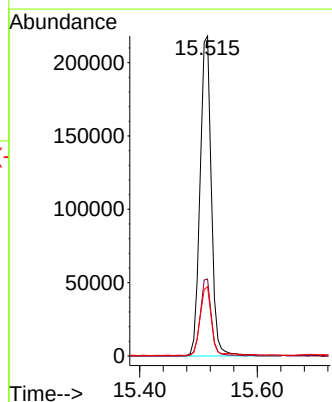
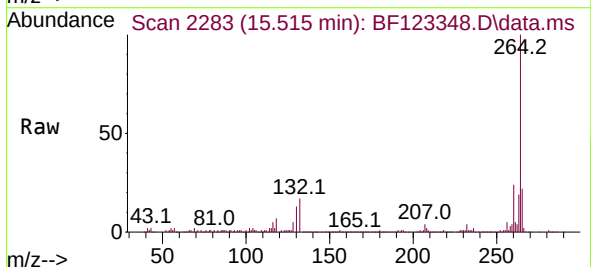
Instrument :
BNA_F
ClientSampleId :
ETGI-371

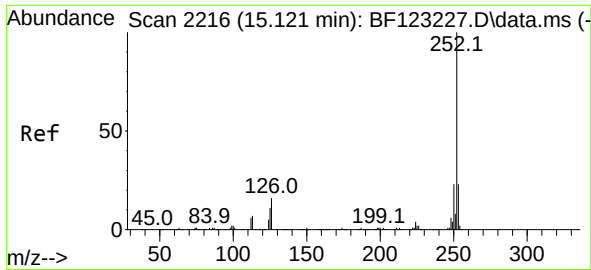
Tgt Ion:149 Resp: 531773
Ion Ratio Lower Upper
149 100
167 27.1 21.4 32.2
279 4.0 3.4 5.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF123348.D
Acq: 2 Mar 2021 21:31

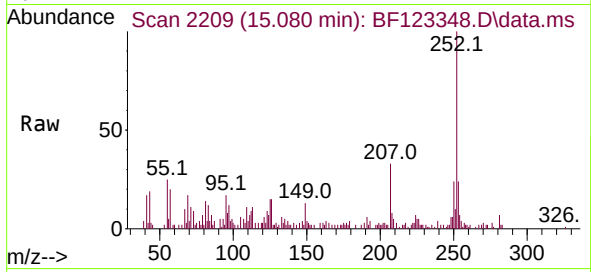
Tgt Ion:264 Resp: 291031
Ion Ratio Lower Upper
264 100
260 24.1 18.6 28.0
265 21.7 17.0 25.6





#89
Benzo(k)fluoranthene
Concen: 2.19 ng
RT: 15.080 min Scan# 2209
Delta R.T. -0.041 min
Lab File: BF123348.D
Acq: 2 Mar 2021 21:31

Instrument :
BNA_F
ClientSampleId :
ETGI-371



Tgt Ion:252 Resp: 40657
Ion Ratio Lower Upper
252 100
253 23.9 17.8 26.8
125 14.5 8.4 12.6#

