

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010622\
 Data File : BF126527.D
 Acq On : 6 Jan 2022 19:24
 Operator : JU/CG
 Sample : N1029-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-366

Quant Time: Jan 07 08:34:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

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

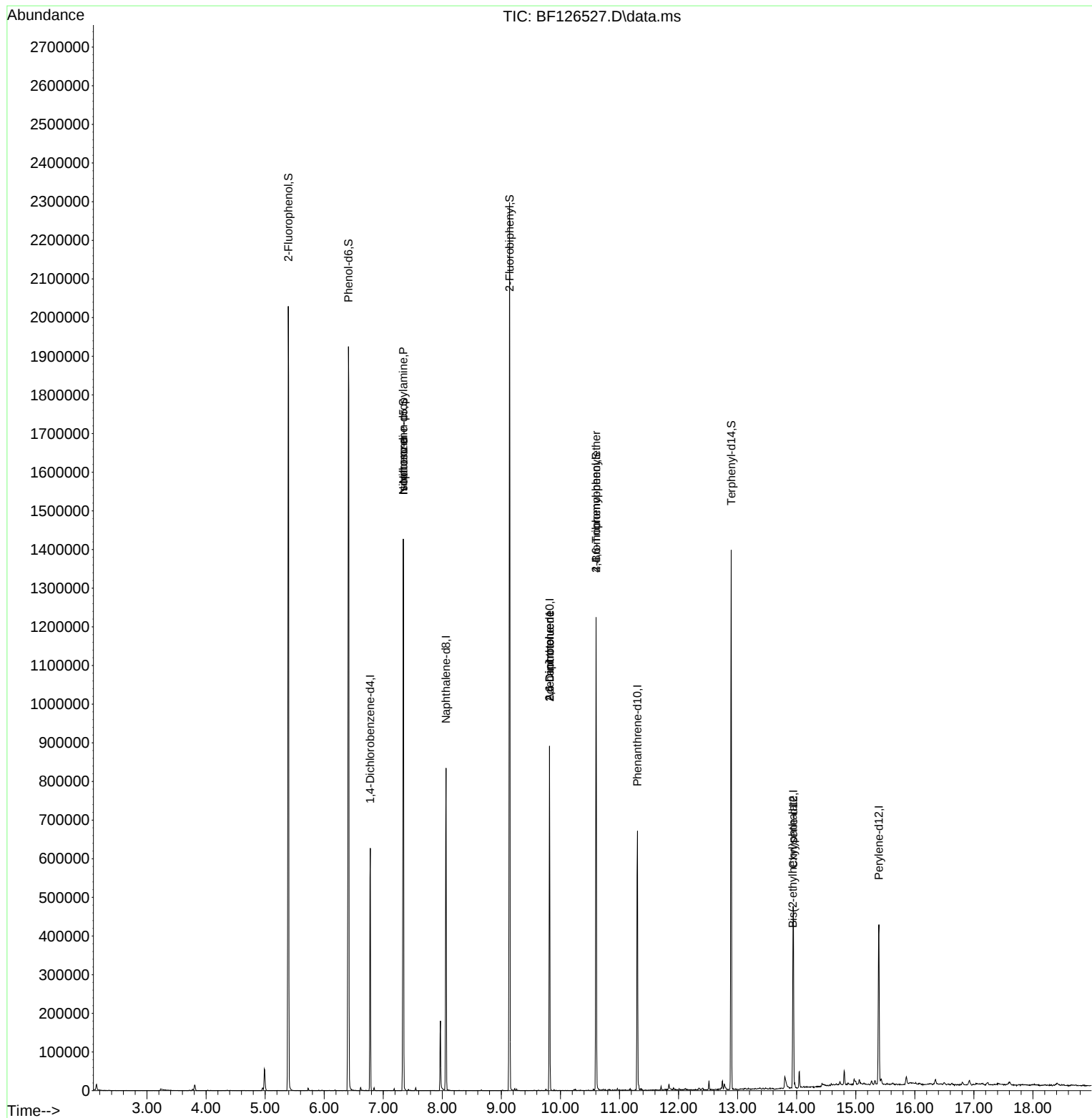
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	88908	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	370401	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	165286	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	232225	20.000	ng	0.00
76) Chrysene-d12	13.945	240	137716	20.000	ng	0.00
86) Perylene-d12	15.392	264	173248	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	626311	101.163	ng	0.00
7) Phenol-d6	6.410	99	775622	96.726	ng	-0.01
23) Nitrobenzene-d5	7.339	82	491665	68.156	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	135847	106.360	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	699626	74.486	ng	-0.01
79) Terphenyl-d14	12.892	244	447194	63.091	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.339	70	61751	13.495	ng	# 82
25) Isophorone	7.339	82	489322	37.892	ng	# 69
51) 2,6-Dinitrotoluene	9.816	165	20889	9.374	ng	# 21
57) 2,4-Dinitrotoluene	9.816	165	20889	7.266	ng	# 15
67) 4-Bromophenyl-phenylether	10.604	248	7080	3.435	ng	# 1
77) Benzidine	12.892	184	5381	Below Cal		# 95
84) Bis(2-ethylhexyl)phtha...	13.933	149	47539	8.895	ng	100

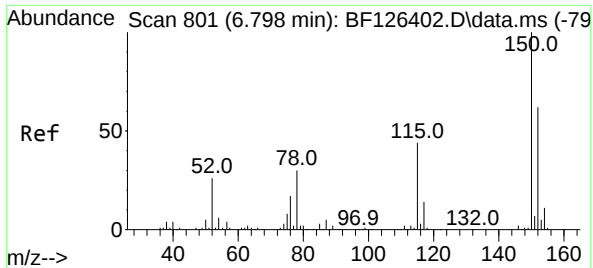
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
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Quant Time: Jan 07 08:34:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 01:57:07 2022
Response via : Initial Calibration

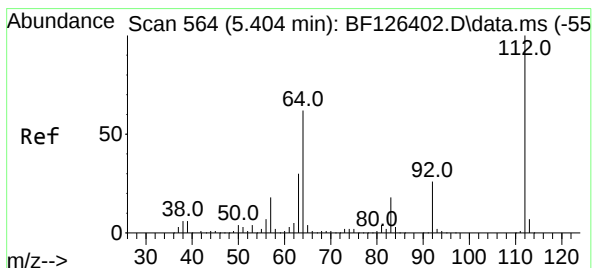
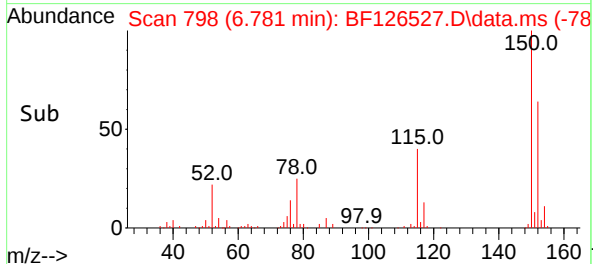
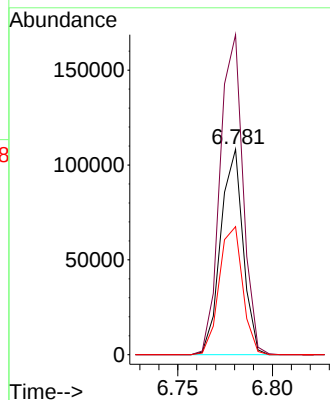
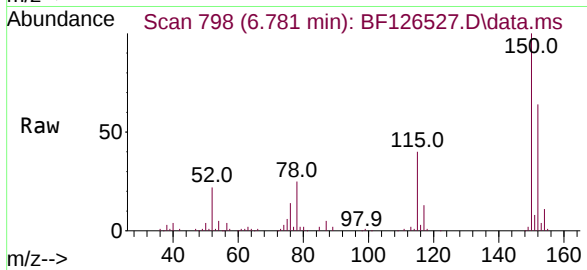




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF126527.D
Acq: 6 Jan 2022 19:24

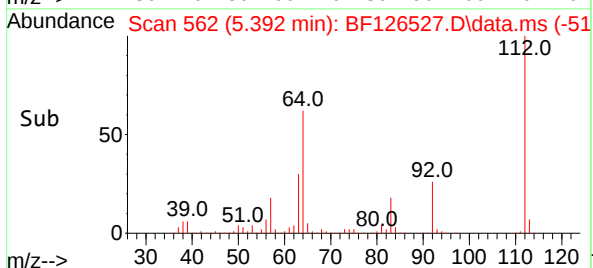
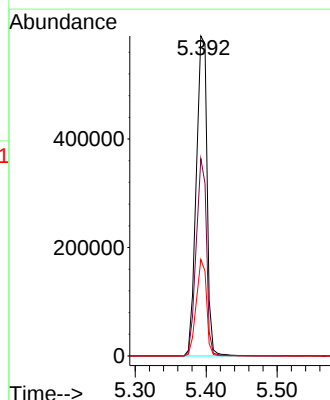
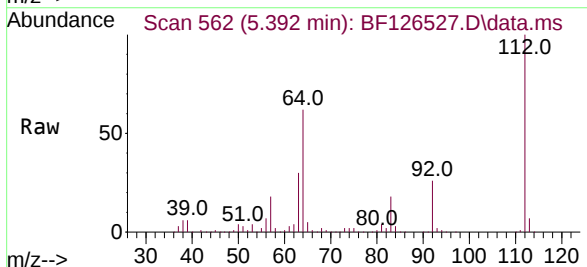
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BNA_F
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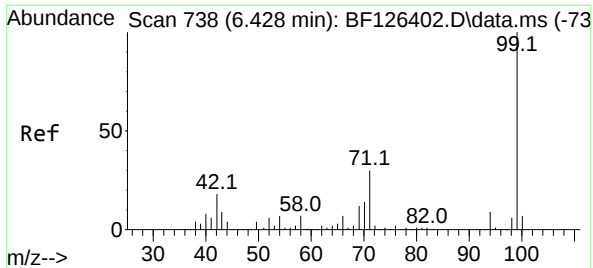
Tgt Ion:152 Resp: 88908
Ion Ratio Lower Upper
152 100
150 155.8 128.1 192.1
115 62.4 56.7 85.1



#5
2-Fluorophenol
Concen: 101.163 ng
RT: 5.392 min Scan# 562
Delta R.T. -0.000 min
Lab File: BF126527.D
Acq: 6 Jan 2022 19:24

Tgt Ion:112 Resp: 626311
Ion Ratio Lower Upper
112 100
64 61.7 49.5 74.3
63 30.1 23.9 35.9

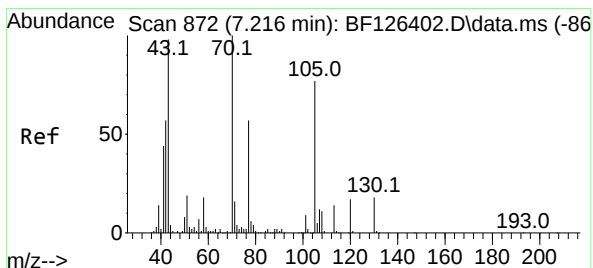
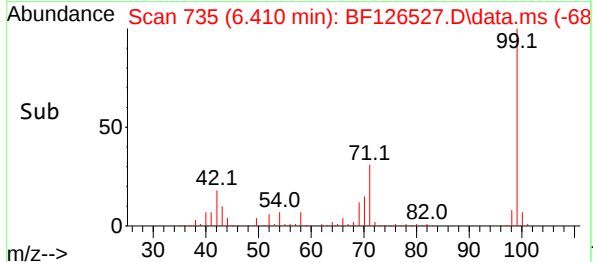
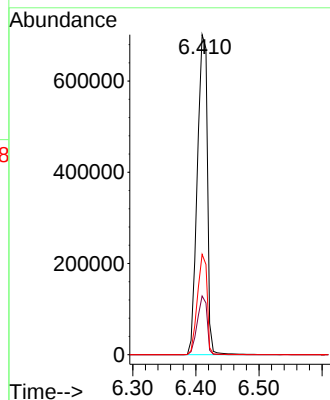
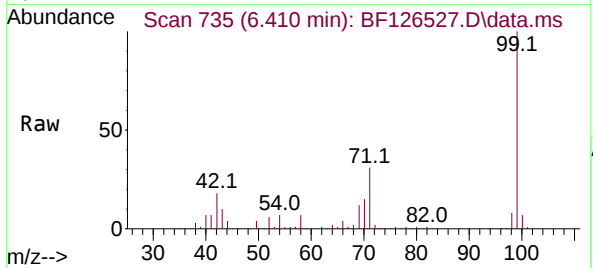




#7
Phenol-d6
Concen: 96.726 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126527.D
Acq: 6 Jan 2022 19:24

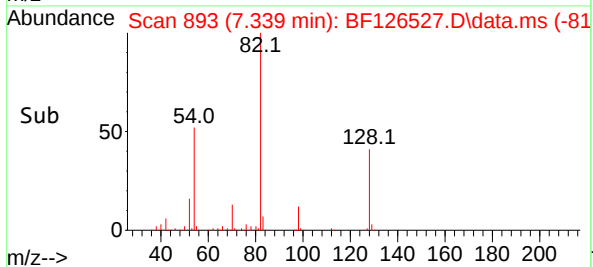
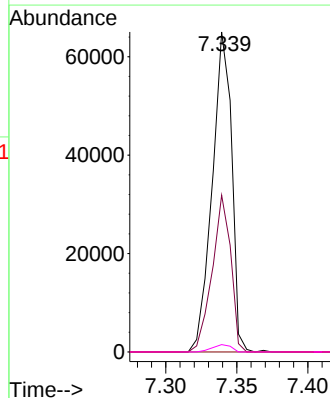
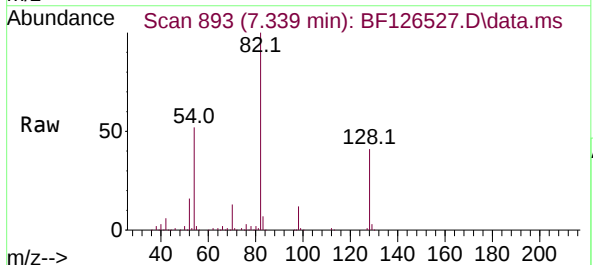
Instrument :
BNA_F
ClientSampleId :
ETGI-366

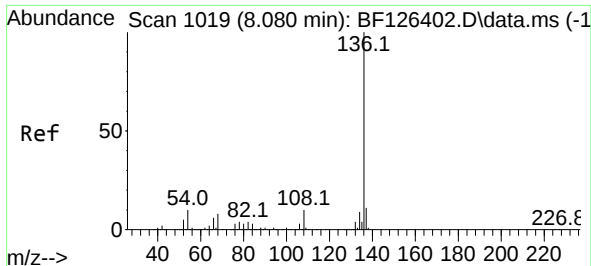
Tgt Ion: 99 Resp: 775622
Ion Ratio Lower Upper
99 100
42 18.4 14.2 21.4
71 31.3 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.495 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.135 min
Lab File: BF126527.D
Acq: 6 Jan 2022 19:24

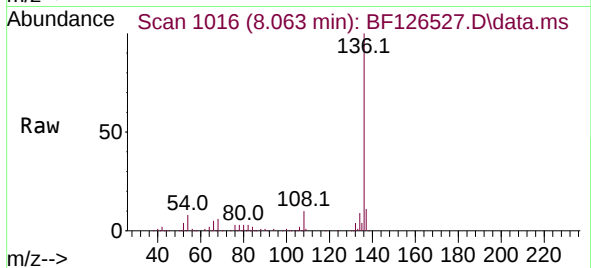
Tgt Ion: 70 Resp: 61751
Ion Ratio Lower Upper
70 100
42 49.0 45.8 68.8
101 0.0 6.9 10.3#
130 2.3 14.4 21.6#



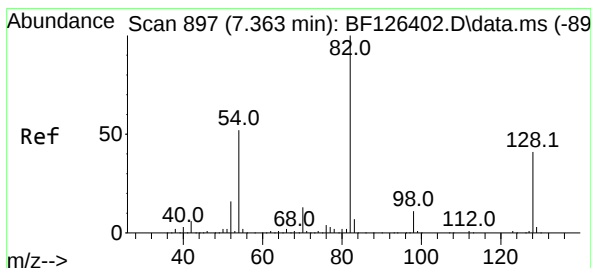
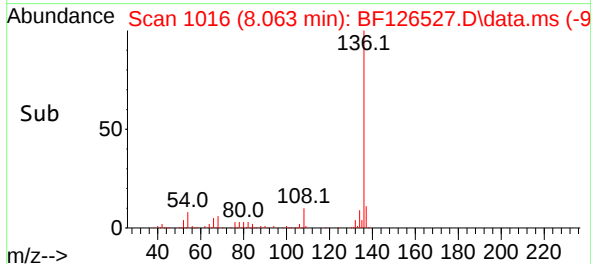
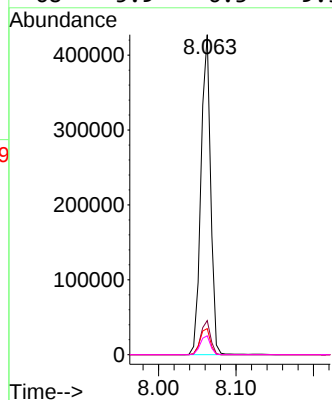


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF126527.D
Acq: 6 Jan 2022 19:24

Instrument :
BNA_F
ClientSampleId :
ETGI-366

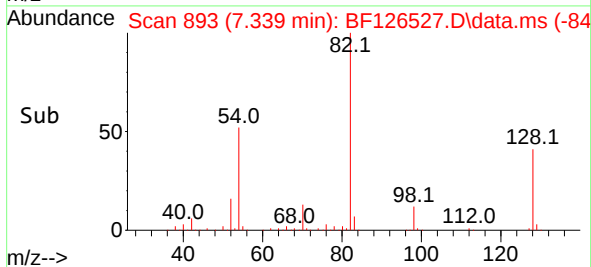
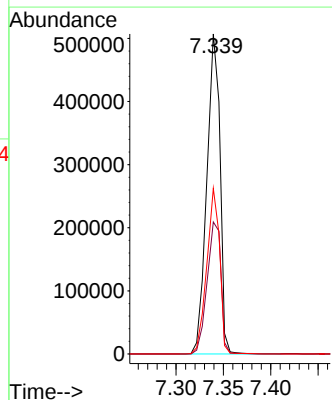
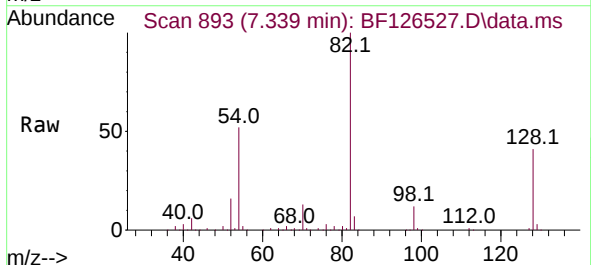


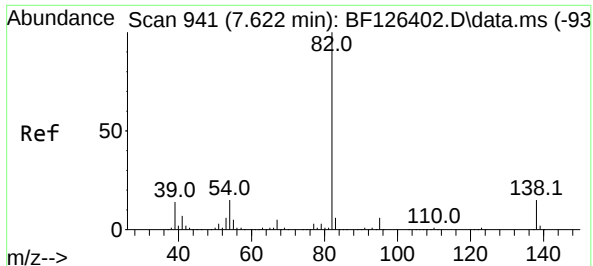
Tgt Ion:136 Resp: 370401
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.1 7.8 11.6
68 5.9 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 68.156 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF126527.D
Acq: 6 Jan 2022 19:24

Tgt Ion: 82 Resp: 491665
Ion Ratio Lower Upper
82 100
128 41.2 32.7 49.1
54 51.8 41.7 62.5

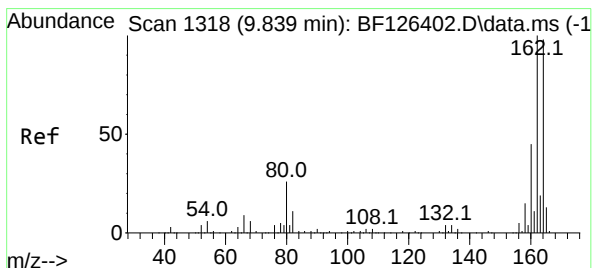
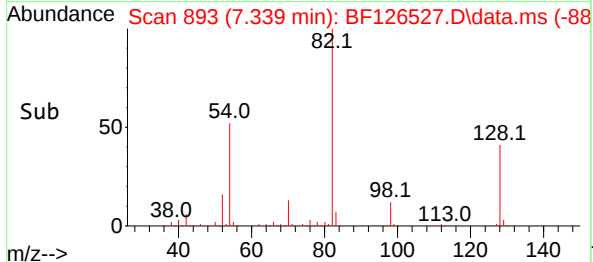
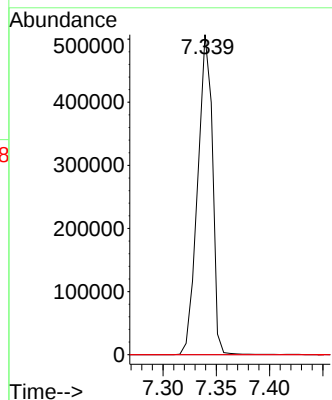
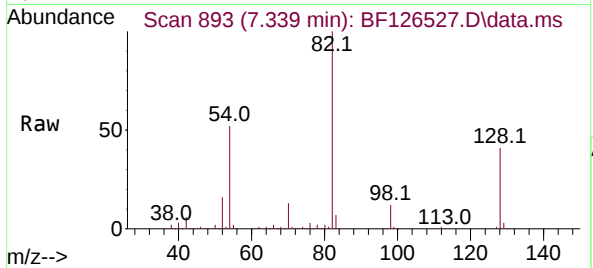




#25
Isophorone
Concen: 37.892 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.271 min
Lab File: BF126527.D
Acq: 6 Jan 2022 19:24

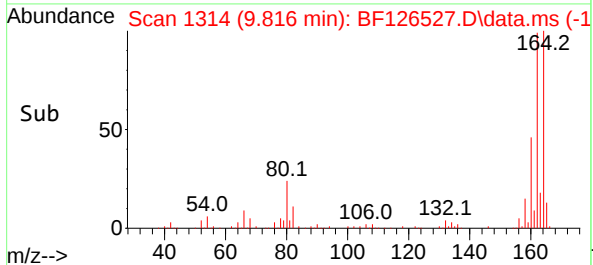
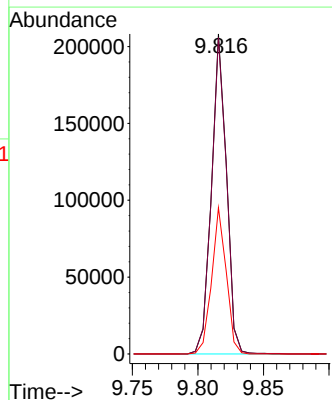
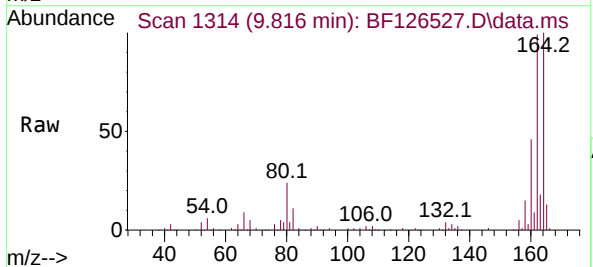
Instrument :
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ClientSampleId :
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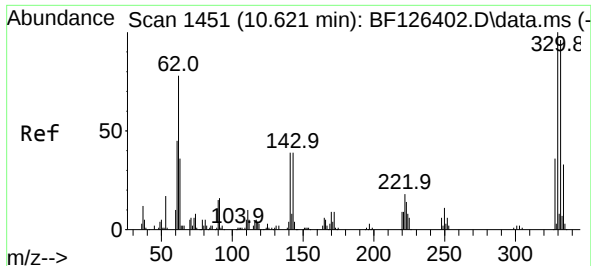
Tgt Ion: 82 Resp: 489322
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF126527.D
Acq: 6 Jan 2022 19:24

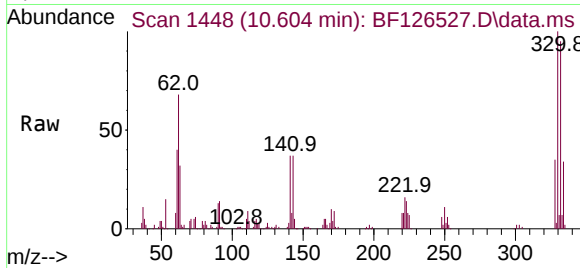
Tgt Ion: 164 Resp: 165286
Ion Ratio Lower Upper
164 100
162 98.9 81.4 122.0
160 45.7 36.6 54.8



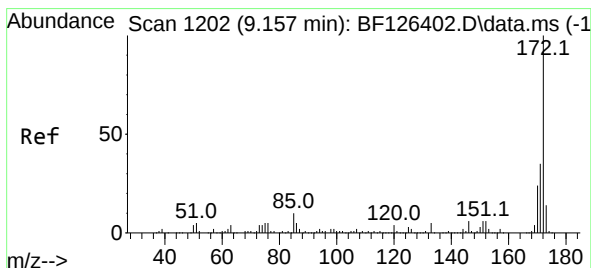
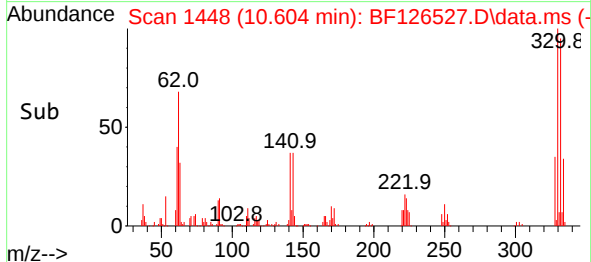
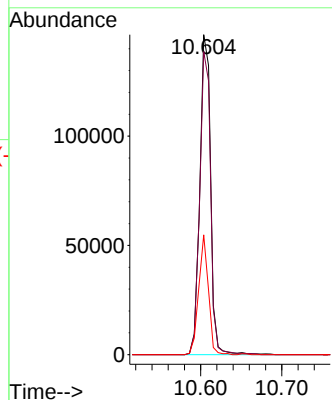


#42
2,4,6-Tribromophenol
Concen: 106.360 ng
RT: 10.604 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF126527.D
Acq: 6 Jan 2022 19:24

Instrument :
BNA_F
ClientSampleId :
ETGI-366

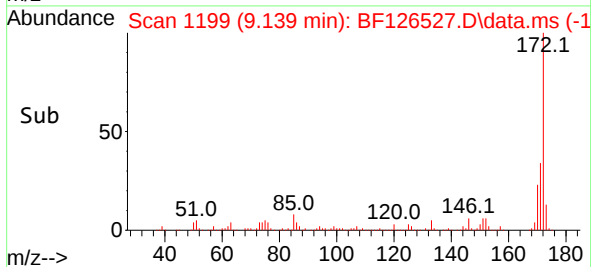
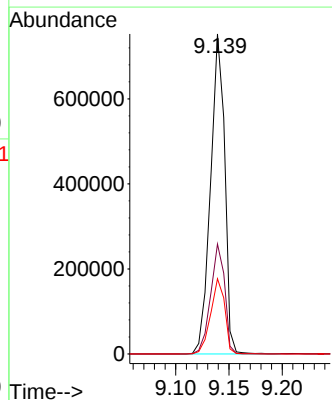
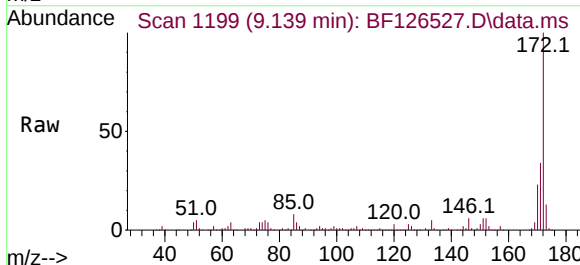


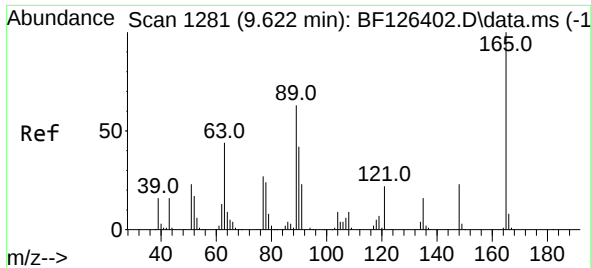
Tgt Ion:330 Resp: 135847
Ion Ratio Lower Upper
330 100
332 95.4 76.0 114.0
141 33.8 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 74.486 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF126527.D
Acq: 6 Jan 2022 19:24

Tgt Ion:172 Resp: 699626
Ion Ratio Lower Upper
172 100
171 34.3 28.3 42.5
170 23.5 19.0 28.6

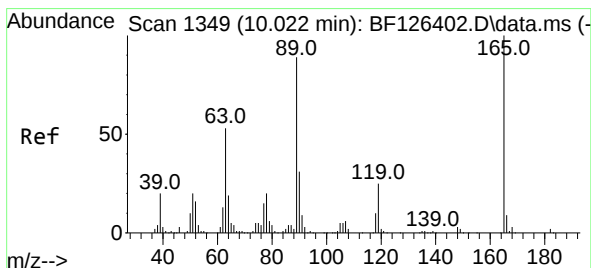
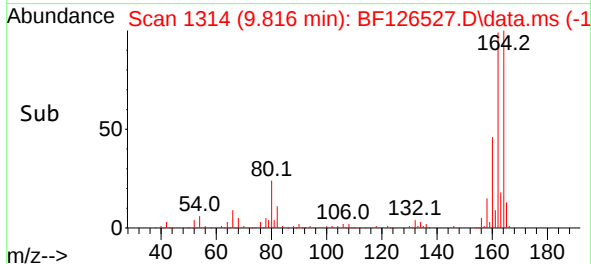
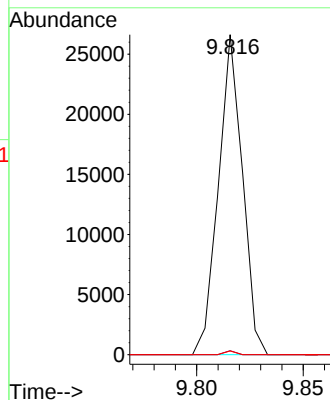
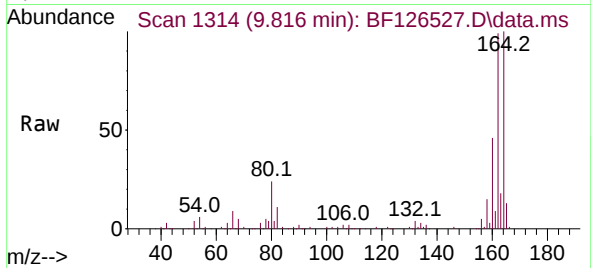




#51
2,6-Dinitrotoluene
Concen: 9.374 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF126527.D
Acq: 6 Jan 2022 19:24

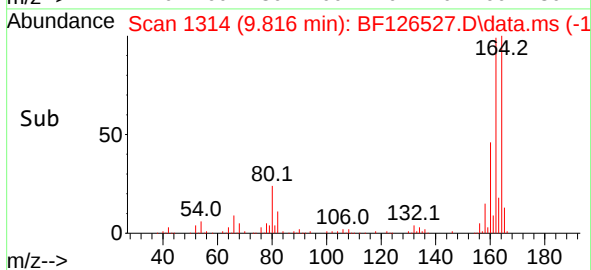
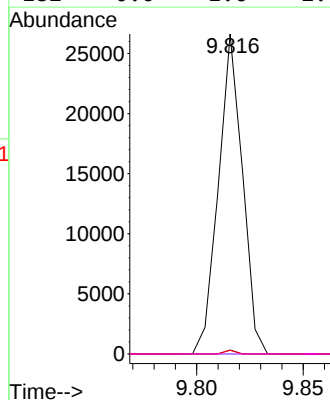
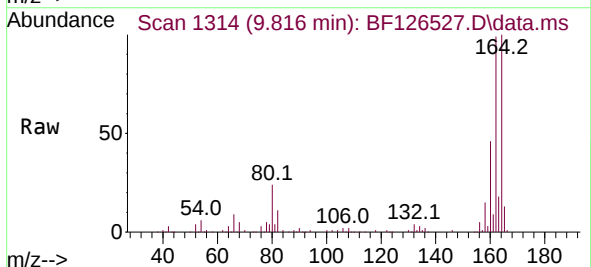
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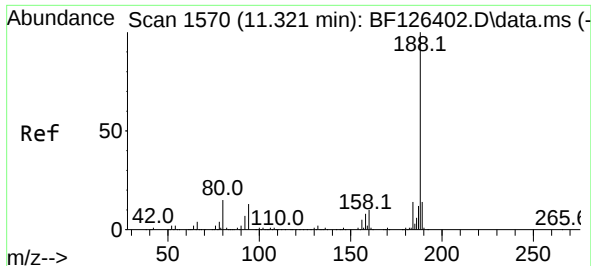
Tgt Ion:165 Resp: 20889
Ion Ratio Lower Upper
165 100
63 1.2 48.4 72.6#
89 1.1 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 7.266 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.200 min
Lab File: BF126527.D
Acq: 6 Jan 2022 19:24

Tgt Ion:165 Resp: 20889
Ion Ratio Lower Upper
165 100
63 1.2 43.0 64.6#
89 1.1 71.0 106.4#
182 0.0 1.6 2.4#

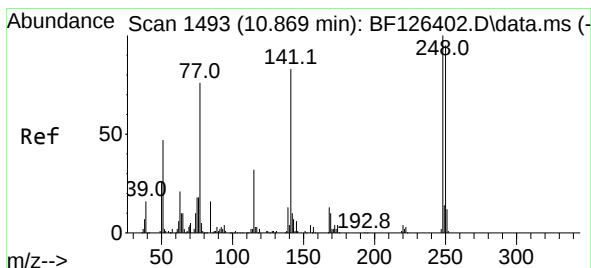
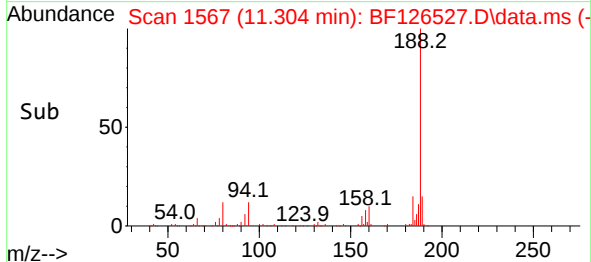
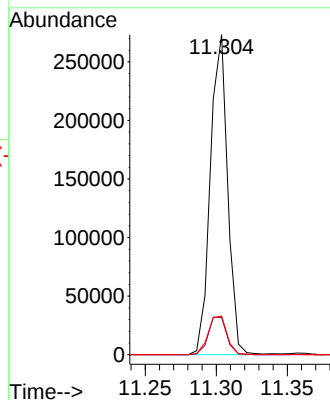
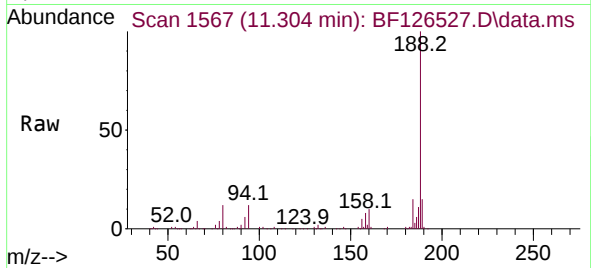




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126527.D
Acq: 6 Jan 2022 19:24

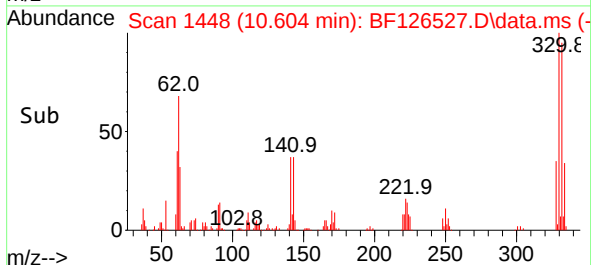
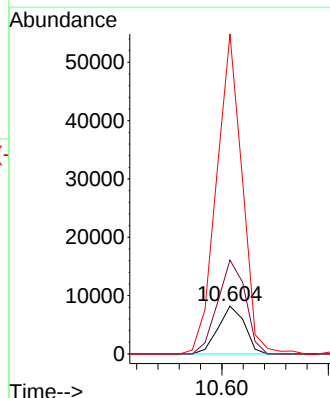
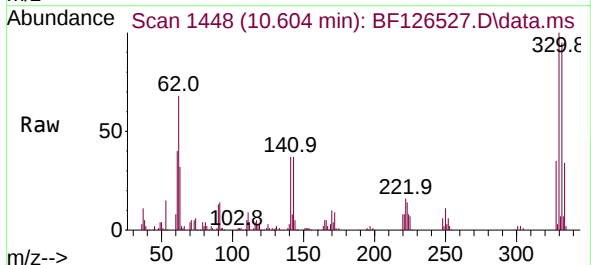
Instrument :
BNA_F
ClientSampleId :
ETGI-366

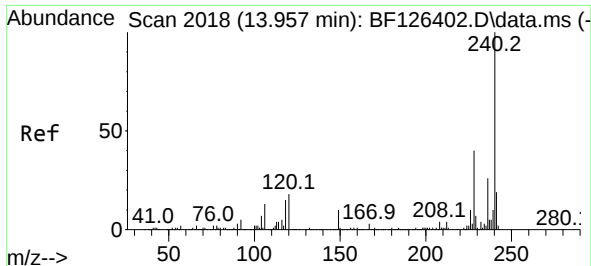
Tgt Ion:188 Resp: 232225
Ion Ratio Lower Upper
188 100
94 11.6 10.1 15.1
80 12.1 11.8 17.6



#67
4-Bromophenyl-phenylether
Concen: 3.435 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.253 min
Lab File: BF126527.D
Acq: 6 Jan 2022 19:24

Tgt Ion:248 Resp: 7080
Ion Ratio Lower Upper
248 100
250 196.0 76.2 114.4#
141 668.3 66.2 99.4#

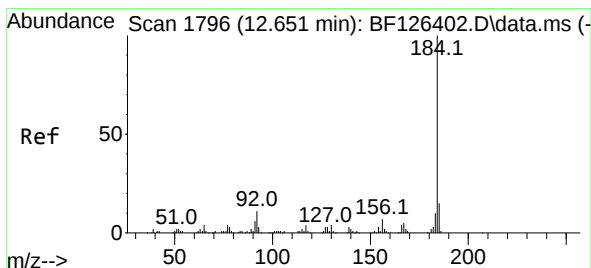
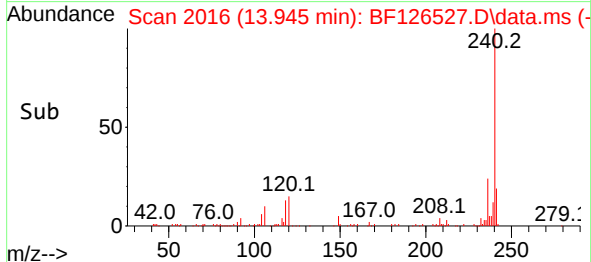
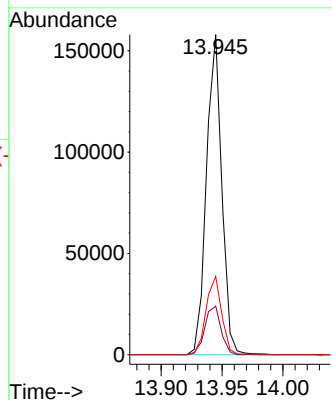
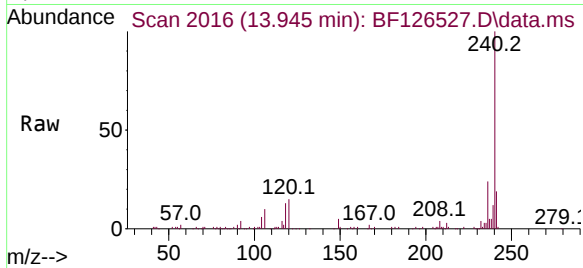




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF126527.D
Acq: 6 Jan 2022 19:24

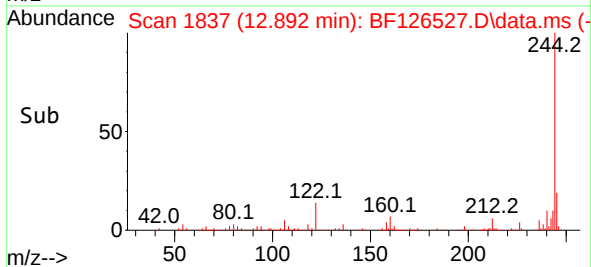
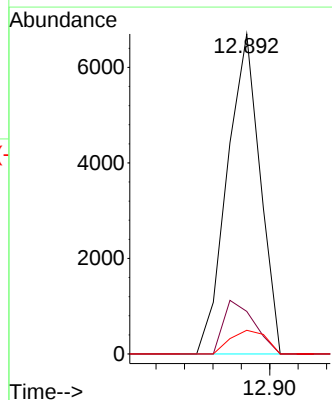
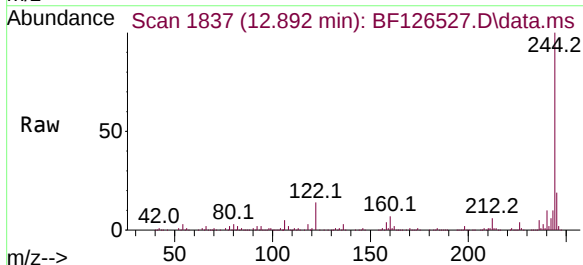
Instrument :
BNA_F
ClientSampleId :
ETGI-366

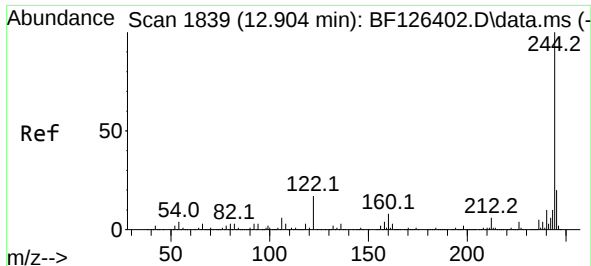
Tgt Ion:240 Resp: 137716
Ion Ratio Lower Upper
240 100
120 15.1 14.4 21.6
236 24.5 20.5 30.7



#77
Benzidine
Concen: Below Cal
RT: 12.892 min Scan# 1837
Delta R.T. 0.253 min
Lab File: BF126527.D
Acq: 6 Jan 2022 19:24

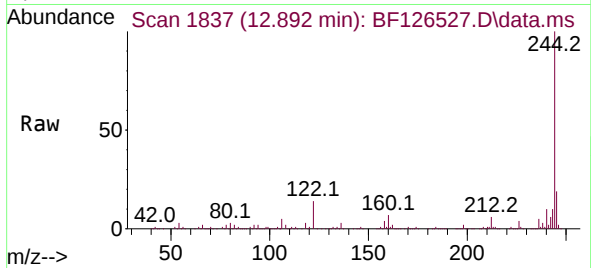
Tgt Ion:184 Resp: 5381
Ion Ratio Lower Upper
184 100
185 13.3 11.8 17.8
183 7.4 8.2 12.2#



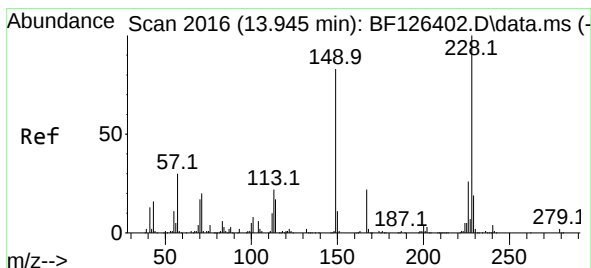
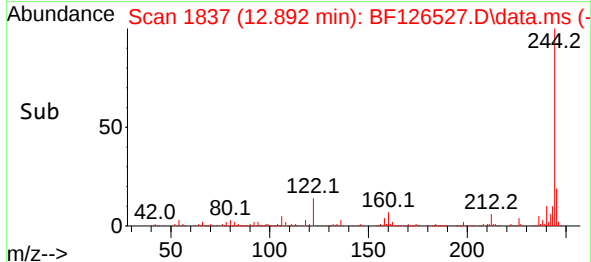
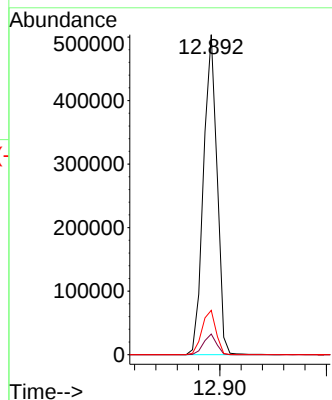


#79
 Terphenyl-d14
 Concen: 63.091 ng
 RT: 12.892 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF126527.D
 Acq: 6 Jan 2022 19:24

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-366

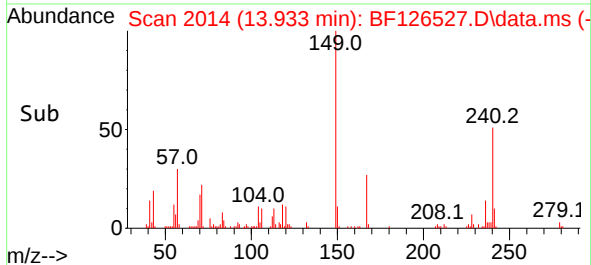
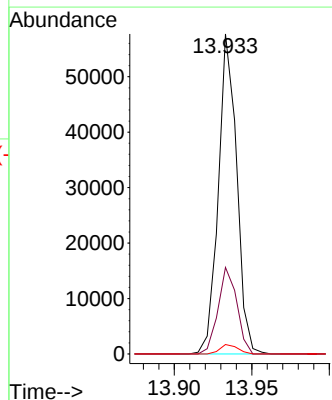
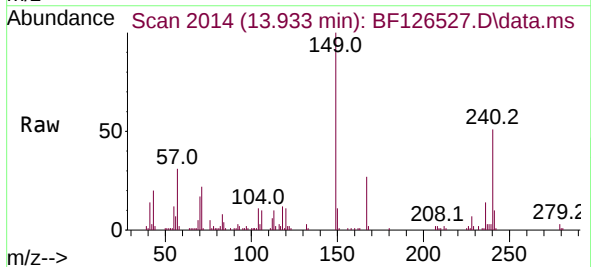


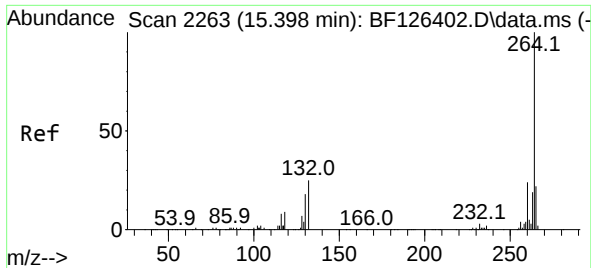
Tgt Ion:244 Resp: 447194
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 13.9 13.3 19.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 8.895 ng
 RT: 13.933 min Scan# 2014
 Delta R.T. -0.000 min
 Lab File: BF126527.D
 Acq: 6 Jan 2022 19:24

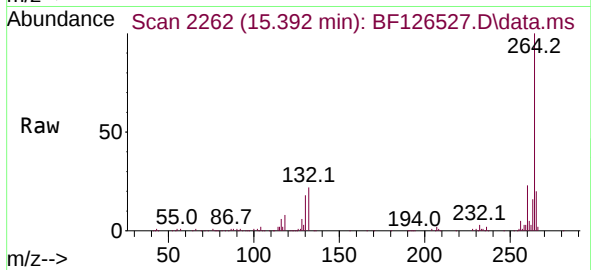
Tgt Ion:149 Resp: 47539
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.4 32.2
 279 3.0 2.4 3.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.392 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF126527.D
Acq: 6 Jan 2022 19:24

Instrument :
BNA_F
ClientSampleId :
ETGI-366



Tgt Ion:264 Resp: 173248
Ion Ratio Lower Upper
264 100
260 23.3 19.2 28.8
265 20.5 17.4 26.2

