

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030222\
 Data File : BF127150.D
 Acq On : 02 Mar 2022 16:40
 Operator : CG\JU
 Sample : N1717-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-359

Quant Time: Mar 03 00:57:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 23:57:09 2022
 Response via : Initial Calibration

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

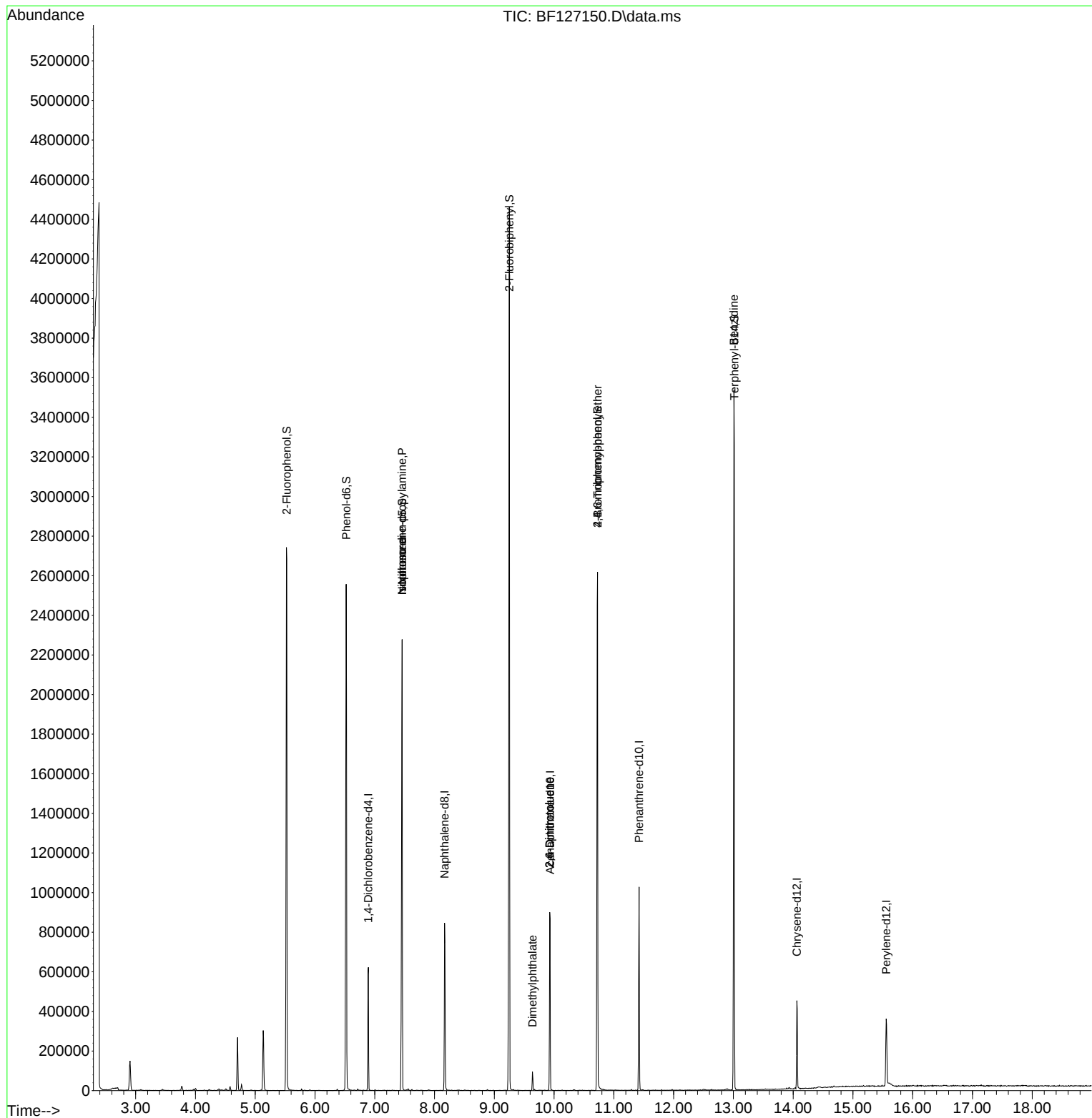
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	87190	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	358398	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	183029	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	317607	20.000	ng	# 0.00
76) Chrysene-d12	14.063	240	145492	20.000	ng	#-0.01
86) Perylene-d12	15.557	264	151169	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	758343	134.428	ng	0.02
7) Phenol-d6	6.522	99	925637	121.601	ng	0.00
23) Nitrobenzene-d5	7.457	82	744897	93.814	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	342251	162.410	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1256830	101.090	ng	0.00
79) Terphenyl-d14	13.016	244	1275051	128.830	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	103007	21.000	ng	# 79
25) Isophorone	7.457	82	744891	56.694	ng	# 69
50) Dimethylphthalate	9.639	163	31517	2.409	ng	100
51) 2,6-Dinitrotoluene	9.928	165	24150	9.073	ng	# 22
57) 2,4-Dinitrotoluene	9.928	165	24150	6.710	ng	# 16
67) 4-Bromophenyl-phenylether	10.727	248	20738	5.844	ng	# 1
77) Benzidine	13.010	184	18312	4.631	ng	# 94

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

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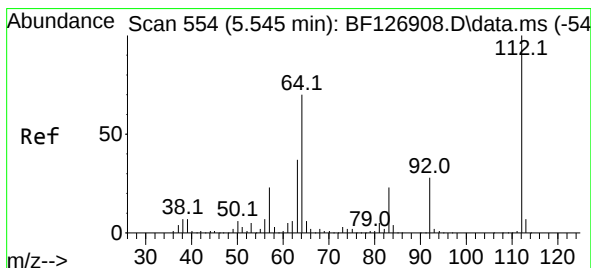
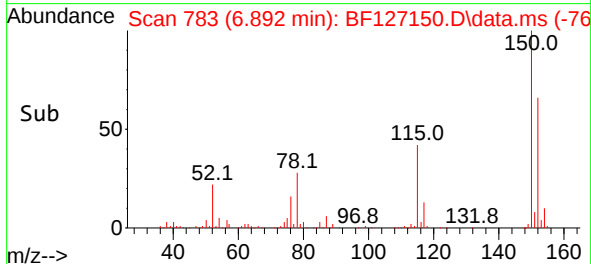
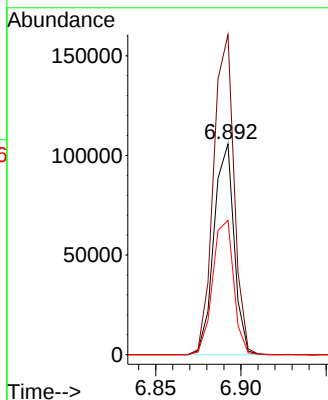
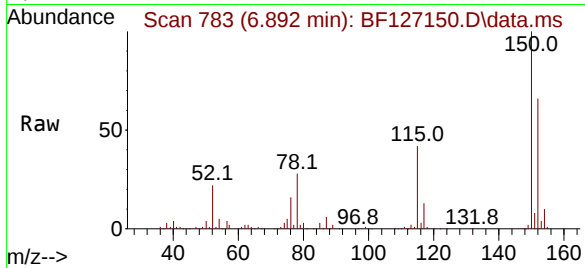




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 790
Delta R.T. -0.001 min
Lab File: BF127150.D
Acq: 02 Mar 2022 16:40

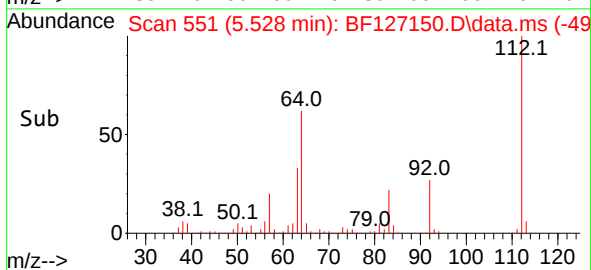
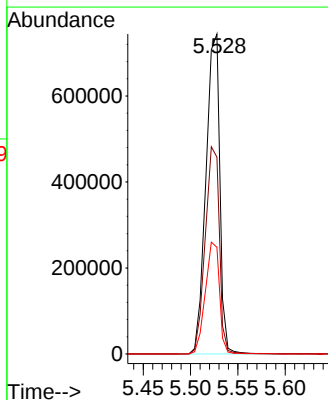
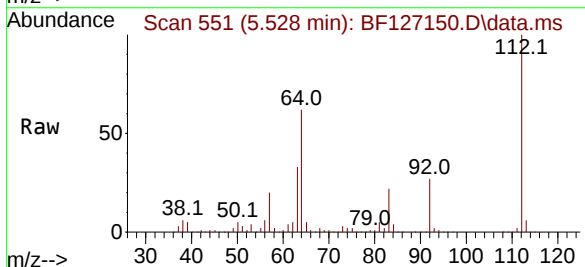
Instrument :
BNA_F
ClientSampleId :
ETGI-359

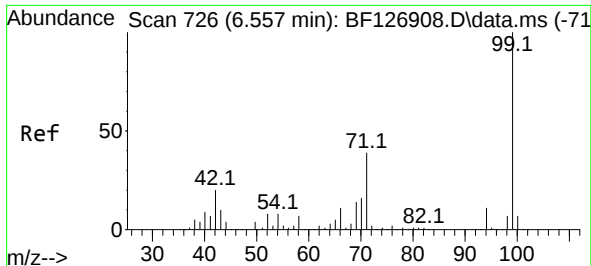
Tgt Ion:152 Resp: 87190
Ion Ratio Lower Upper
152 100
150 151.9 128.1 192.1
115 63.8 56.7 85.1



#5
2-Fluorophenol
Concen: 134.428 ng
RT: 5.528 min Scan# 551
Delta R.T. 0.018 min
Lab File: BF127150.D
Acq: 02 Mar 2022 16:40

Tgt Ion:112 Resp: 758343
Ion Ratio Lower Upper
112 100
64 61.5 49.5 74.3
63 33.4 23.9 35.9

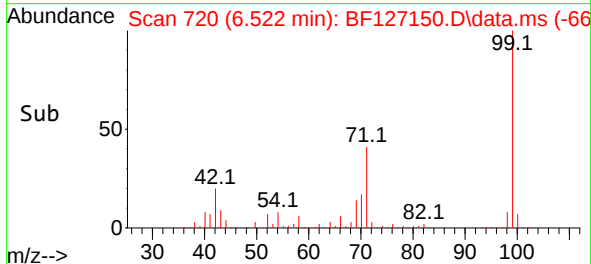
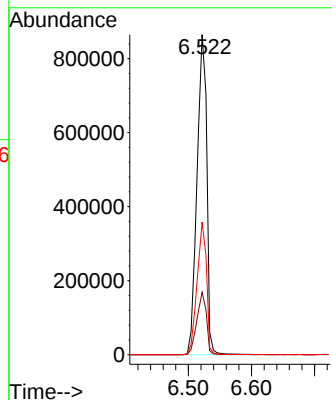
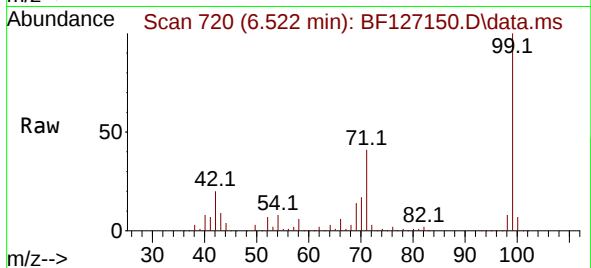




#7
Phenol-d6
Concen: 121.601 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127150.D
Acq: 02 Mar 2022 16:40

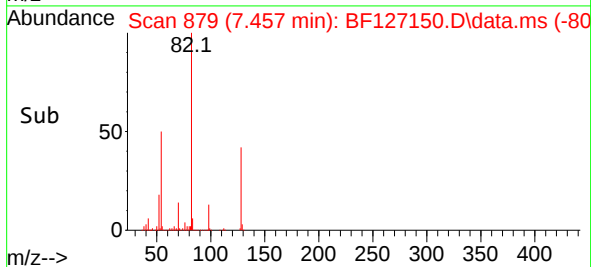
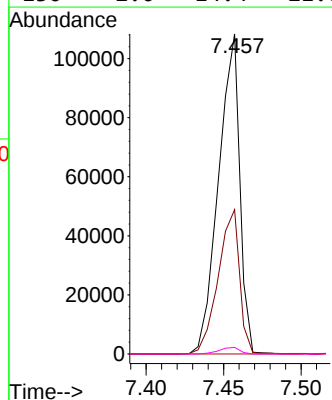
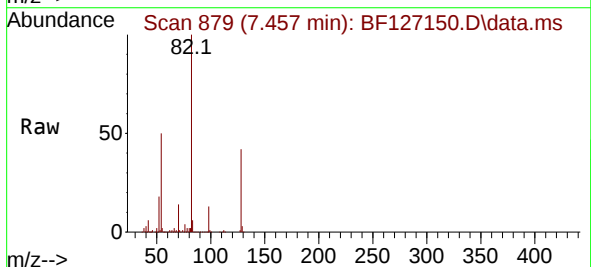
Instrument :
BNA_F
ClientSampleId :
ETGI-359

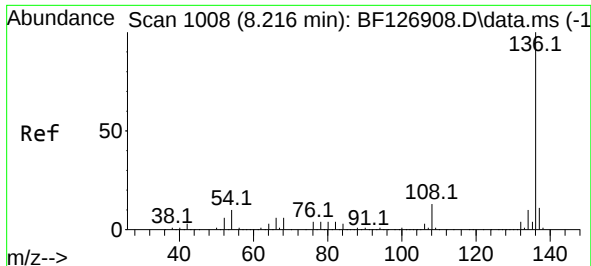
Tgt Ion: 99 Resp: 925637
Ion Ratio Lower Upper
99 100
42 19.5 14.2 21.4
71 41.4 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 21.000 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.153 min
Lab File: BF127150.D
Acq: 02 Mar 2022 16:40

Tgt Ion: 70 Resp: 103007
Ion Ratio Lower Upper
70 100
42 45.1 45.8 68.8#
101 0.0 6.9 10.3#
130 2.0 14.4 21.6#

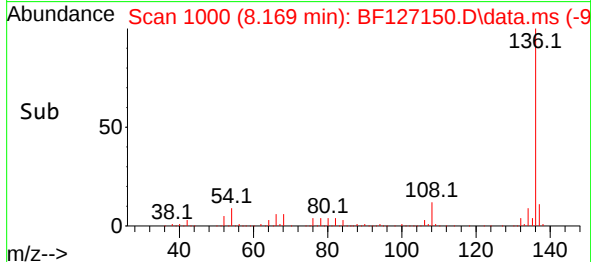
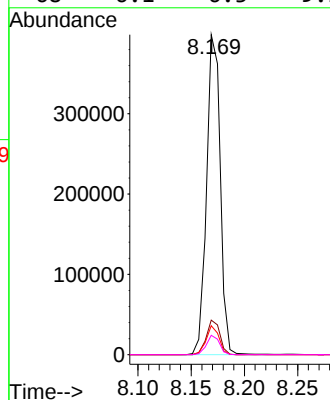
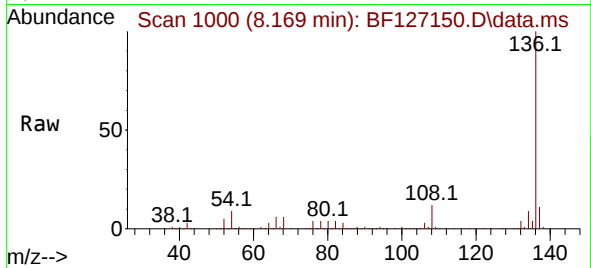




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF127150.D
Acq: 02 Mar 2022 16:40

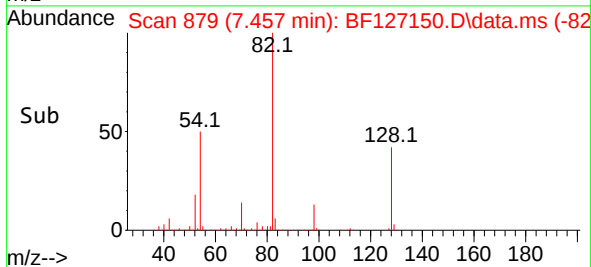
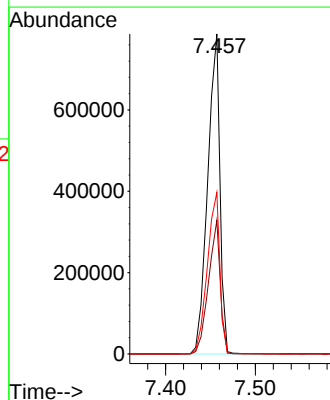
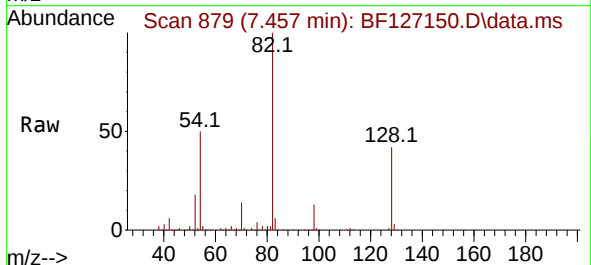
Instrument :
BNA_F
ClientSampleId :
ETGI-359

Tgt Ion:136 Resp: 358398
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.1 7.8 11.6
68 6.1 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 93.814 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF127150.D
Acq: 02 Mar 2022 16:40

Tgt Ion: 82 Resp: 744897
Ion Ratio Lower Upper
82 100
128 41.8 32.7 49.1
54 50.5 41.7 62.5

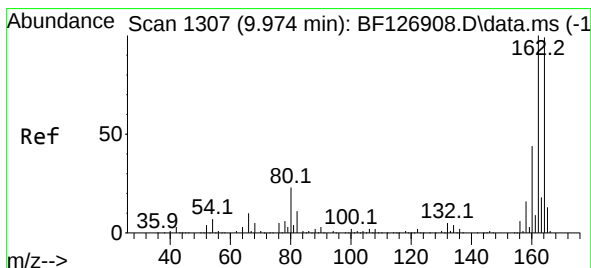
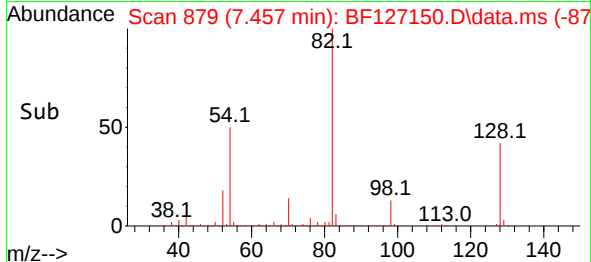
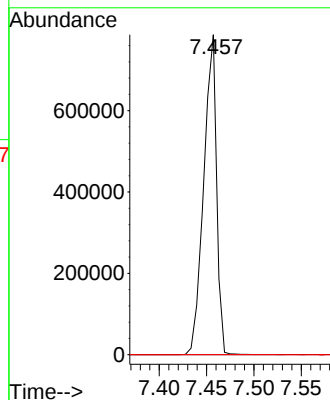
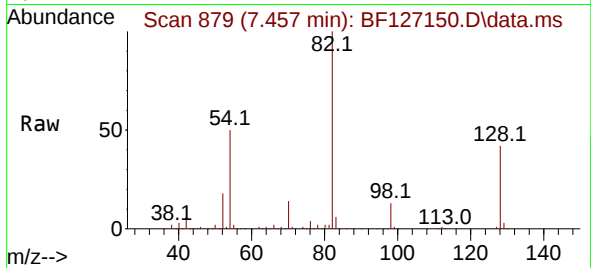




#25
Isophorone
Concen: 56.694 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127150.D
Acq: 02 Mar 2022 16:40

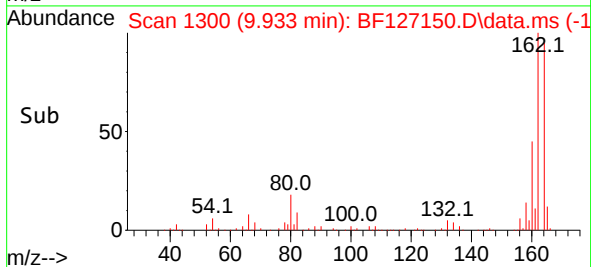
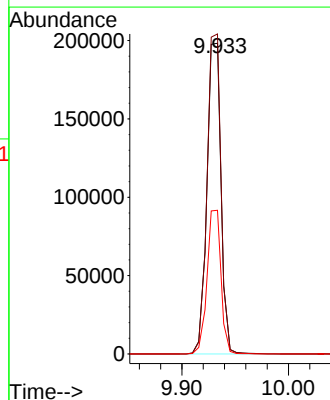
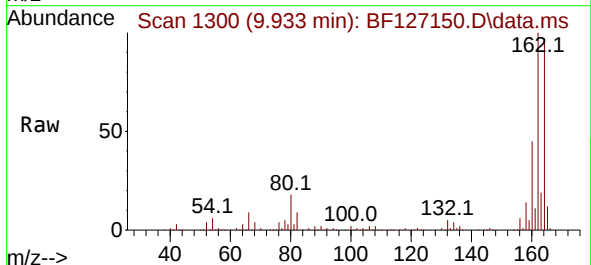
Instrument :
BNA_F
ClientSampleId :
ETGI-359

Tgt Ion: 82 Resp: 744891
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: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF127150.D
Acq: 02 Mar 2022 16:40

Tgt Ion:164 Resp: 183029
Ion Ratio Lower Upper
164 100
162 103.0 81.4 122.0
160 46.3 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 162.410 ng

RT: 10.727 min Scan# 1442

Delta R.T. -0.000 min

Lab File: BF127150.D

Acq: 02 Mar 2022 16:40

Instrument :

BNA_F

ClientSampleId :

ETGI-359

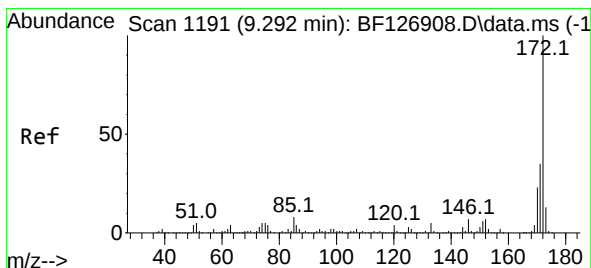
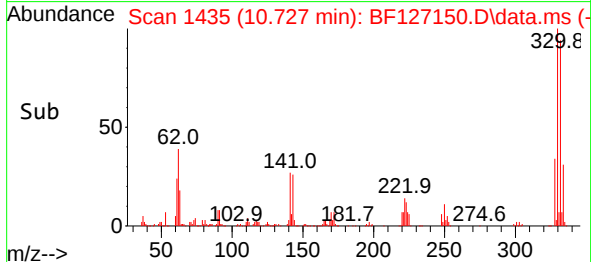
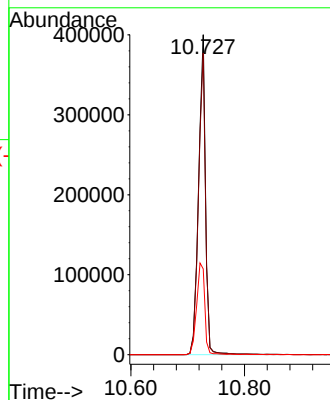
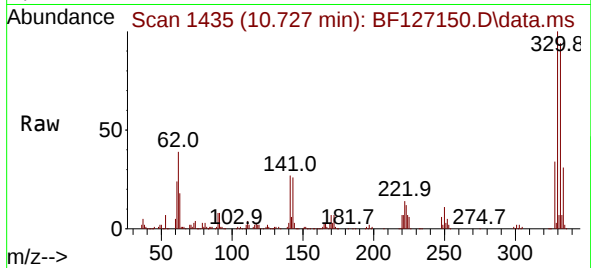
Tgt Ion:330 Resp: 342251

Ion Ratio Lower Upper

330 100

332 95.7 76.0 114.0

141 33.8 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 101.090 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF127150.D

Acq: 02 Mar 2022 16:40

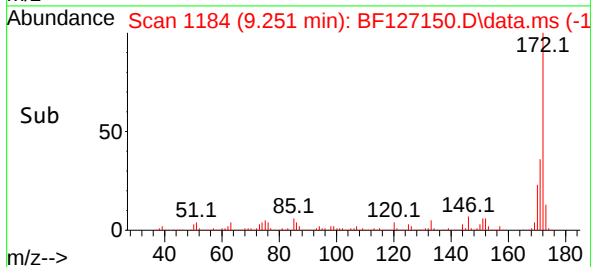
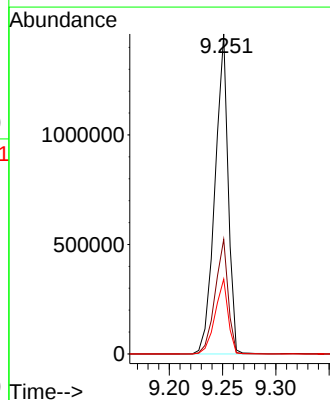
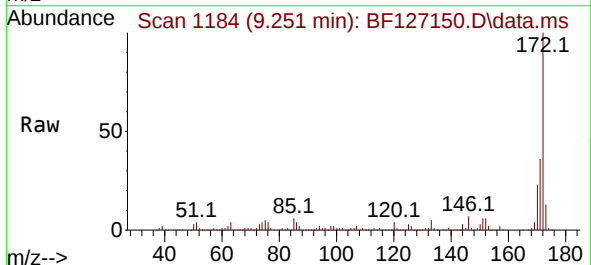
Tgt Ion:172 Resp: 1256830

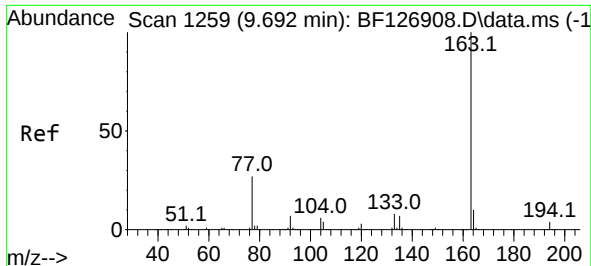
Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 23.4 19.0 28.6

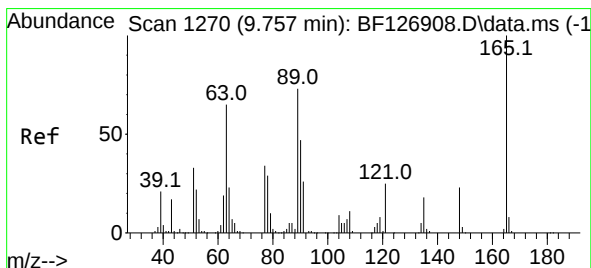
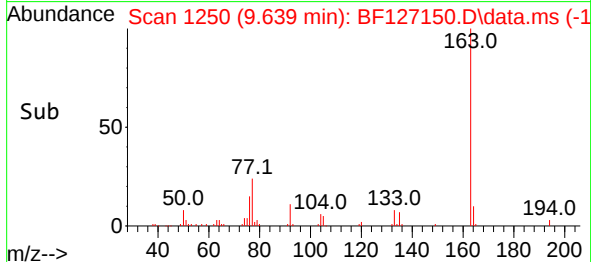
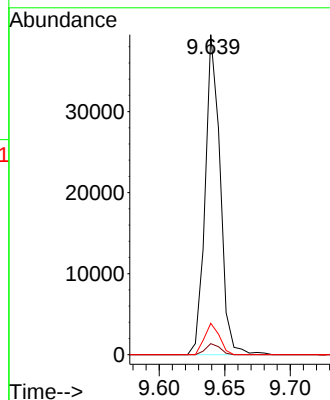
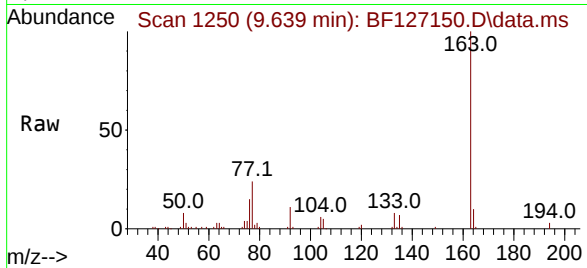




#50
Dimethylphthalate
Concen: 2.409 ng
RT: 9.639 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF127150.D
Acq: 02 Mar 2022 16:40

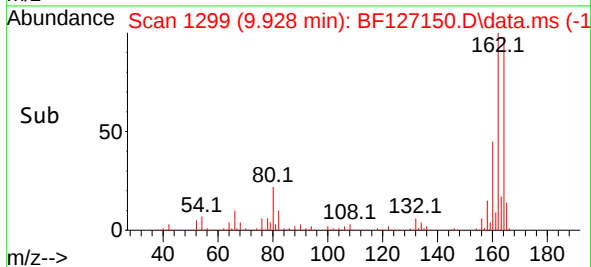
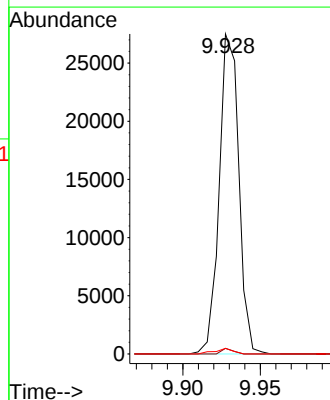
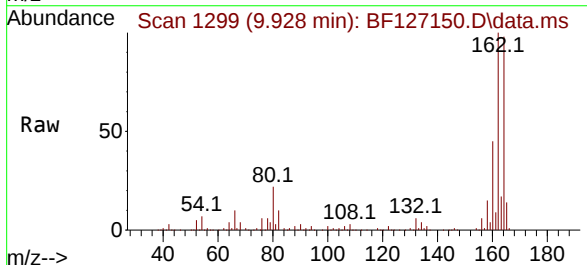
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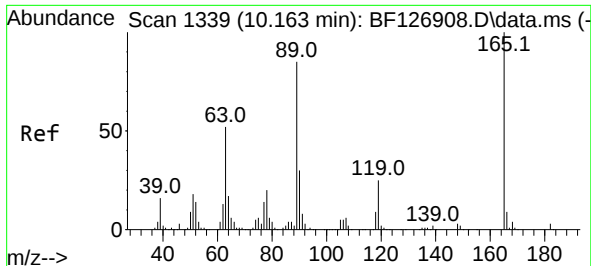
Tgt Ion:163 Resp: 31517
Ion Ratio Lower Upper
163 100
194 3.4 2.6 3.8
164 9.8 7.8 11.8



#51
2,6-Dinitrotoluene
Concen: 9.073 ng
RT: 9.928 min Scan# 1299
Delta R.T. 0.206 min
Lab File: BF127150.D
Acq: 02 Mar 2022 16:40

Tgt Ion:165 Resp: 24150
Ion Ratio Lower Upper
165 100
63 1.7 48.4 72.6#
89 1.7 50.5 75.7#

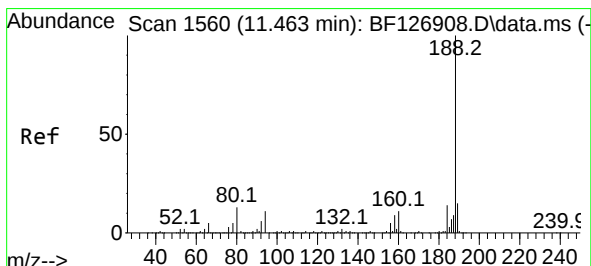
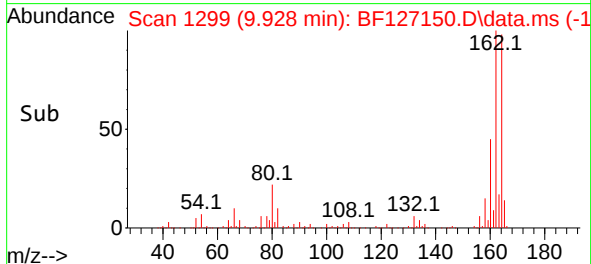
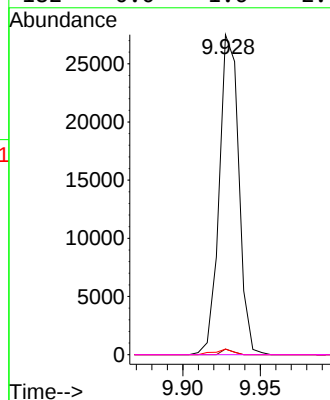
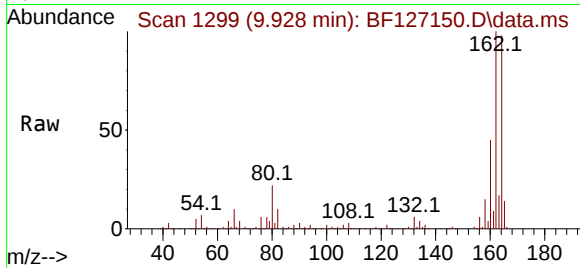




#57
2,4-Dinitrotoluene
Concen: 6.710 ng
RT: 9.928 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF127150.D
Acq: 02 Mar 2022 16:40

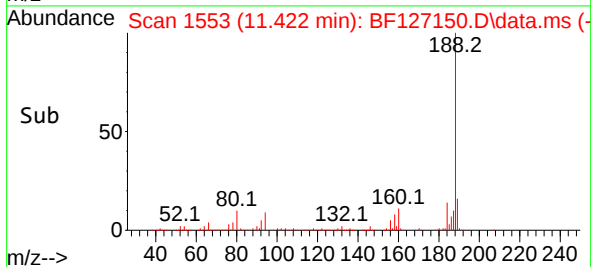
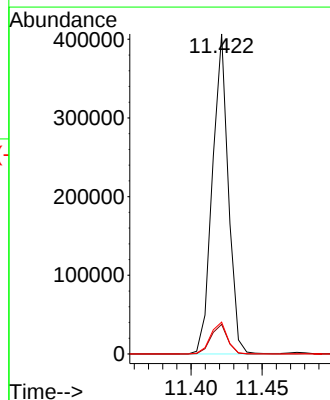
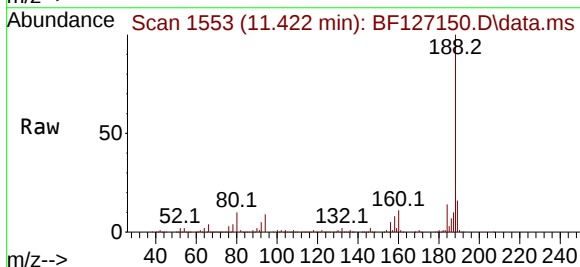
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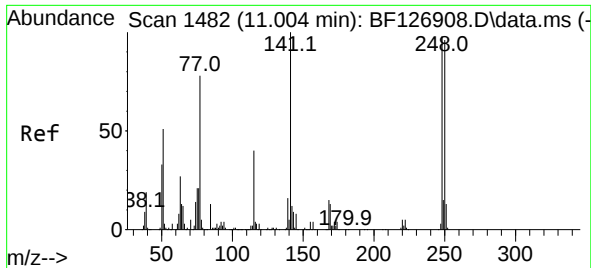
Tgt Ion:165 Resp: 24150
Ion Ratio Lower Upper
165 100
63 1.7 43.0 64.6#
89 1.7 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF127150.D
Acq: 02 Mar 2022 16:40

Tgt Ion:188 Resp: 317607
Ion Ratio Lower Upper
188 100
94 9.3 10.1 15.1#
80 10.0 11.8 17.6#

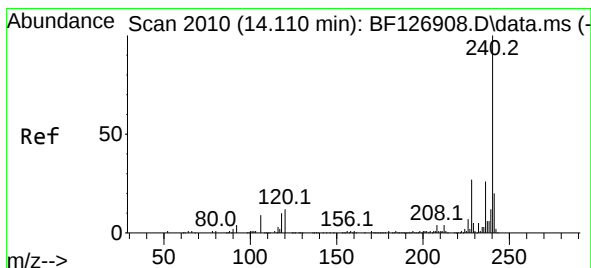
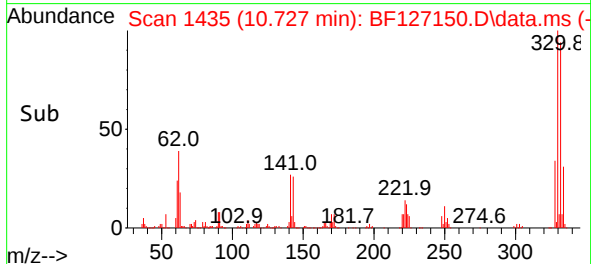
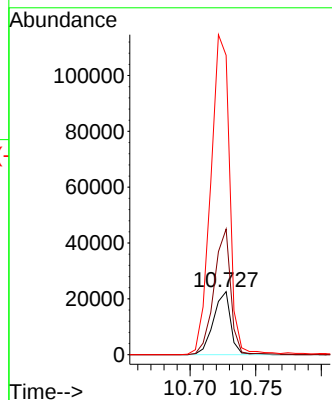
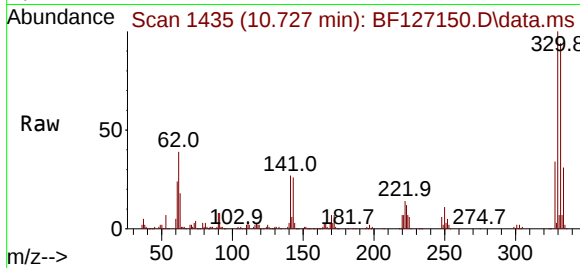




#67
4-Bromophenyl-phenylether
Concen: 5.844 ng
RT: 10.727 min Scan# 1482
Delta R.T. -0.241 min
Lab File: BF127150.D
Acq: 02 Mar 2022 16:40

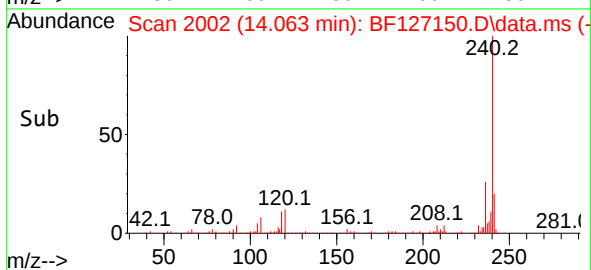
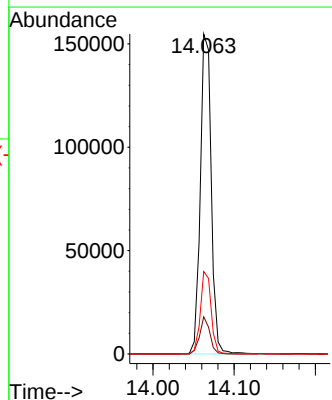
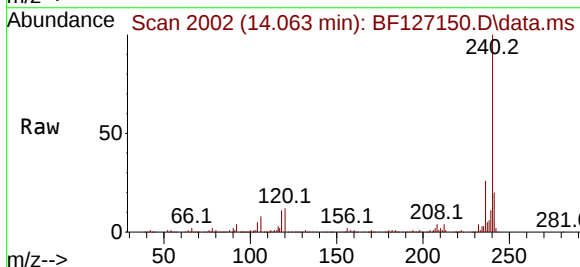
Instrument :
BNA_F
ClientSampleId :
ETGI-359

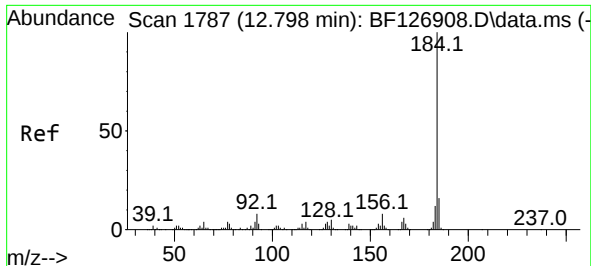
Tgt Ion:248 Resp: 20738
Ion Ratio Lower Upper
248 100
250 199.1 76.2 114.4#
141 474.6 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2002
Delta R.T. -0.012 min
Lab File: BF127150.D
Acq: 02 Mar 2022 16:40

Tgt Ion:240 Resp: 145492
Ion Ratio Lower Upper
240 100
120 11.6 14.4 21.6#
236 25.7 20.5 30.7

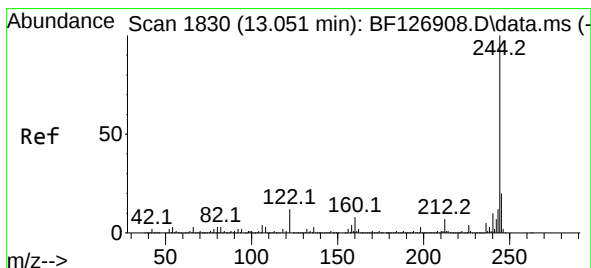
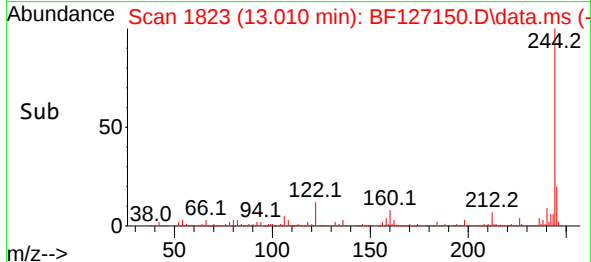
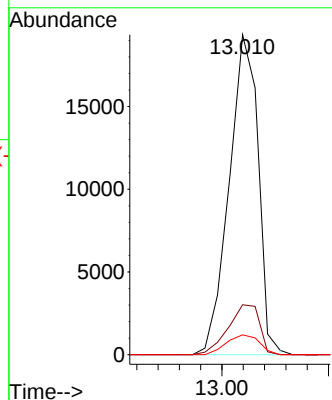
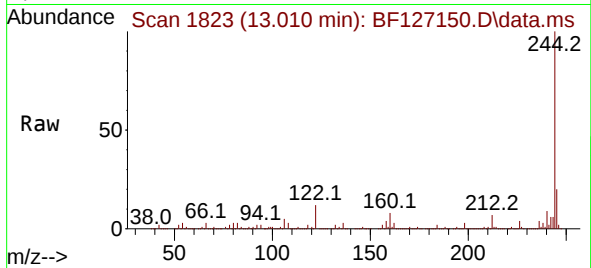




#77
Benzidine
Concen: 4.631 ng
RT: 13.010 min Scan# 1823
Delta R.T. 0.247 min
Lab File: BF127150.D
Acq: 02 Mar 2022 16:40

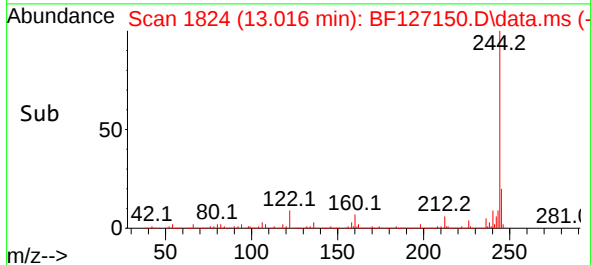
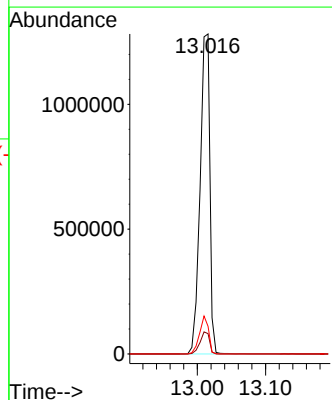
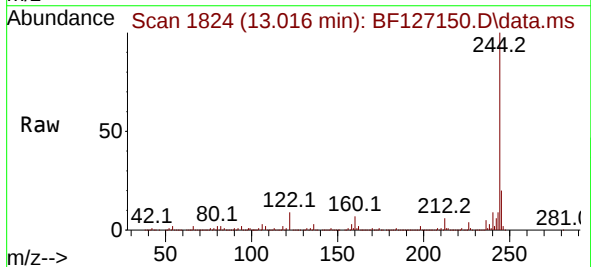
Instrument :
BNA_F
ClientSampleId :
ETGI-359

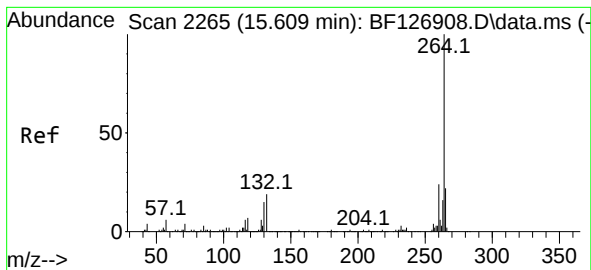
Tgt Ion:184 Resp: 18312
Ion Ratio Lower Upper
184 100
185 15.6 11.8 17.8
183 6.2 8.2 12.2#



#79
Terphenyl-d14
Concen: 128.830 ng
RT: 13.016 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF127150.D
Acq: 02 Mar 2022 16:40

Tgt Ion:244 Resp: 1275051
Ion Ratio Lower Upper
244 100
212 6.3 5.0 7.4
122 8.6 13.3 19.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF127150.D

Acq: 02 Mar 2022 16:40

Instrument :

BNA_F

ClientSampleId :

ETGI-359

Tgt Ion:264 Resp: 151169

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 22.1 17.4 26.2

