

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
 Data File : BF133283.D
 Acq On : 06 May 2023 01:31
 Operator : CG\JU
 Sample : 02590-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-291

Quant Time: May 06 05:54:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 10:49:34 2023
 Response via : Initial Calibration

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

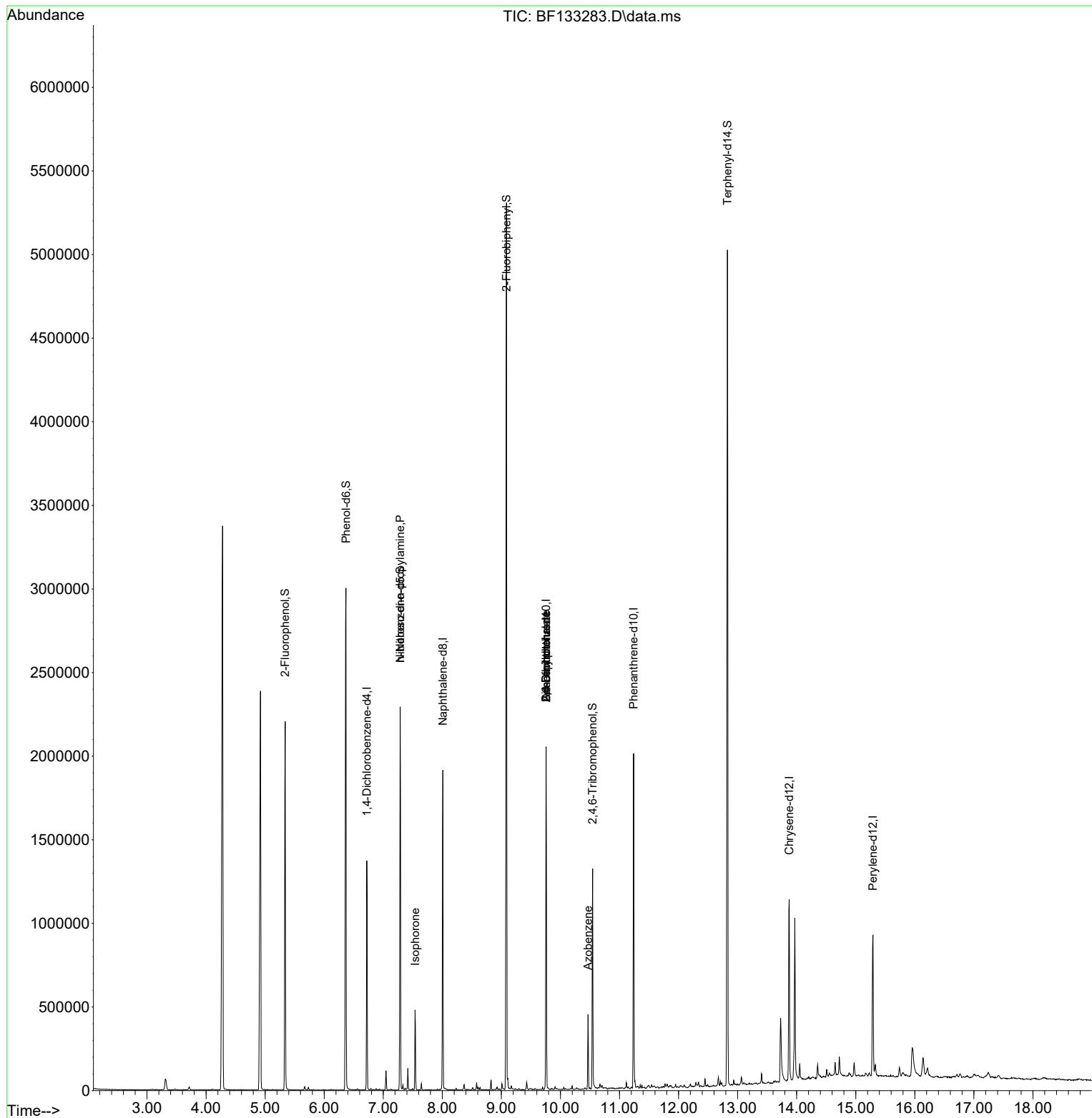
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	184274	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	737846	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	379294	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	652975	20.000	ng	0.00
76) Chrysene-d12	13.874	240	357360	20.000	ng	0.00
86) Perylene-d12	15.292	264	363171	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.339	112	573956	47.051	ng	0.00
7) Phenol-d6	6.369	99	1034738	68.340	ng	0.00
23) Nitrobenzene-d5	7.286	82	687194	50.271	ng	-0.01
42) 2,4,6-Tribromophenol	10.545	330	131178	34.389	ng	-0.01
45) 2-Fluorobiphenyl	9.086	172	1558200	68.729	ng	0.00
79) Terphenyl-d14	12.827	244	1895478	91.478	ng	0.00
Target Compounds						
9) Benzaldehyde	6.275	77	303	Below Cal	Qvalue	# 55
19) n-Nitroso-di-n-propyla...	7.286	70	92416	9.804 ng	#	78
25) Isophorone	7.539	82	164075	6.322 ng		97
50) Dimethylphthalate	9.757	163	72108	2.726 ng	#	1
51) 2,6-Dinitrotoluene	9.757	165	49323	8.286 ng	#	24
57) 2,4-Dinitrotoluene	9.757	165	49323	6.497 ng	#	23
63) Azobenzene	10.469	77	66812	2.525 ng	#	1

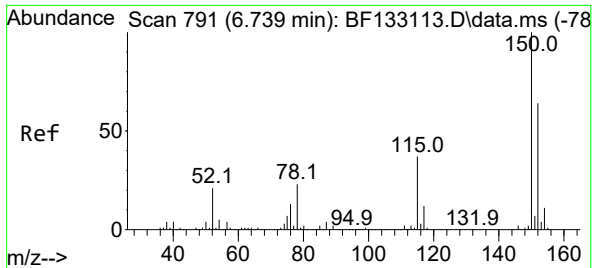
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 05 10:49:34 2023
Response via : Initial Calibration

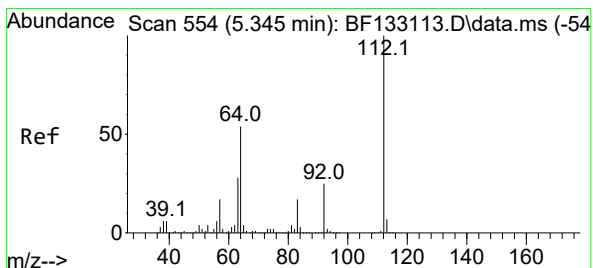
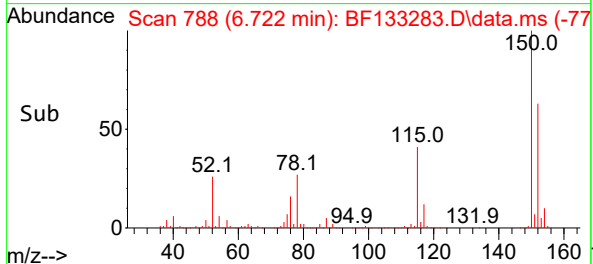
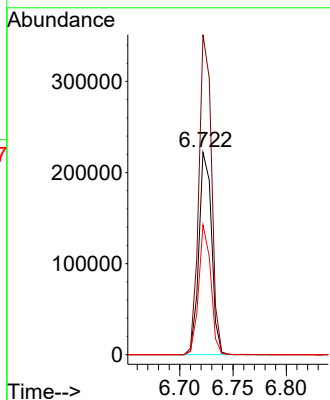
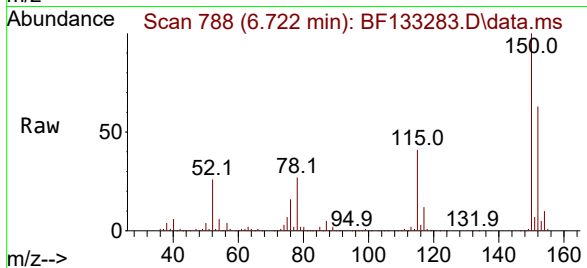




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.722 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: BF133283.D
 Acq: 06 May 2023 01:31

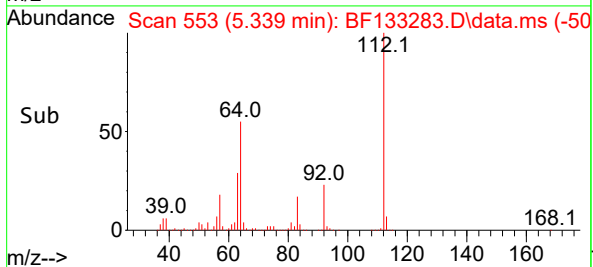
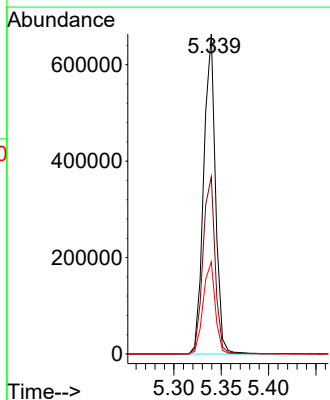
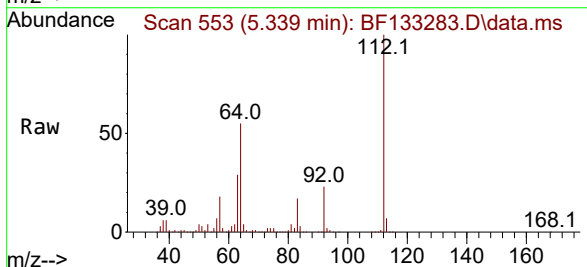
Instrument :
 BNA_F
 ClientSampleId :
 ETGI-291

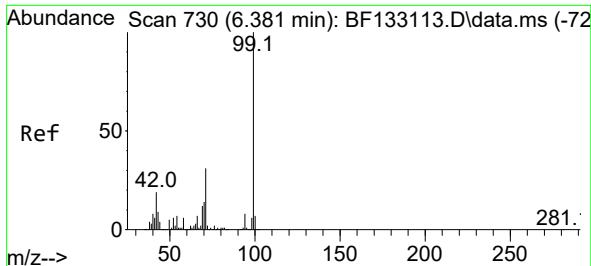
Tgt Ion:152 Resp: 184274
 Ion Ratio Lower Upper
 152 100
 150 158.2 124.8 187.2
 115 64.1 49.9 74.9



#5
 2-Fluorophenol
 Concen: 47.051 ng
 RT: 5.339 min Scan# 553
 Delta R.T. 0.006 min
 Lab File: BF133283.D
 Acq: 06 May 2023 01:31

Tgt Ion:112 Resp: 573956
 Ion Ratio Lower Upper
 112 100
 64 55.3 46.8 70.2
 63 28.8 23.8 35.8

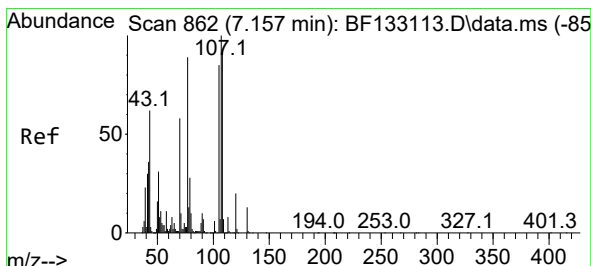
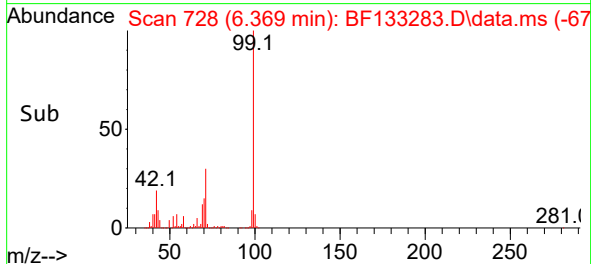
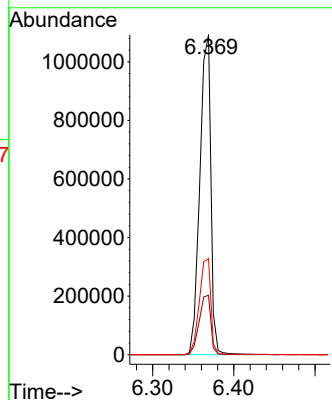
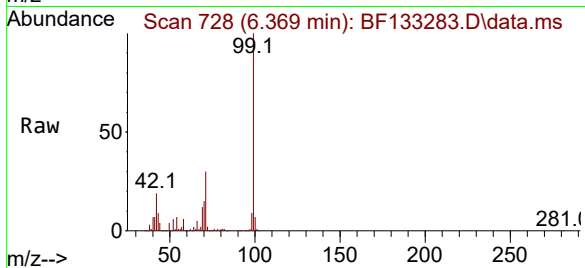




#7
Phenol-d6
Concen: 68.340 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133283.D
Acq: 06 May 2023 01:31

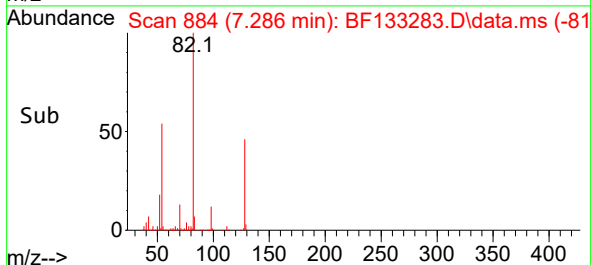
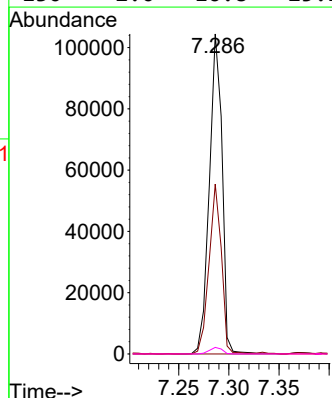
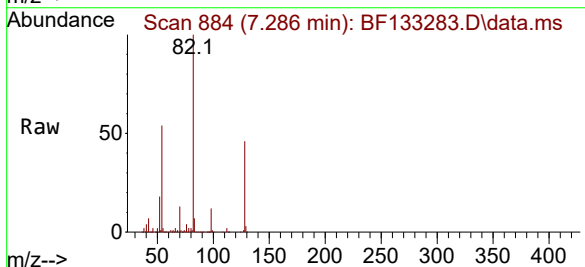
Instrument :
BNA_F
ClientSampleId :
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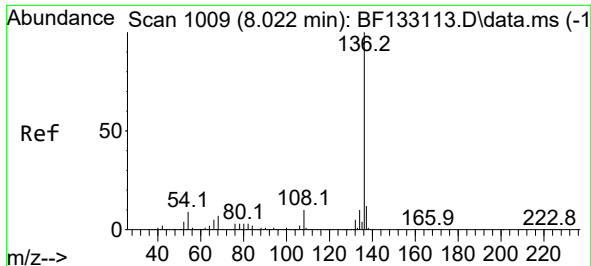
Tgt Ion: 99 Resp: 1034738
Ion Ratio Lower Upper
99 100
42 18.6 16.3 24.5
71 30.0 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 9.804 ng
RT: 7.286 min Scan# 884
Delta R.T. 0.135 min
Lab File: BF133283.D
Acq: 06 May 2023 01:31

Tgt Ion: 70 Resp: 92416
Ion Ratio Lower Upper
70 100
42 53.1 51.8 77.6
101 0.0 8.0 12.0#
130 2.0 16.8 25.2#



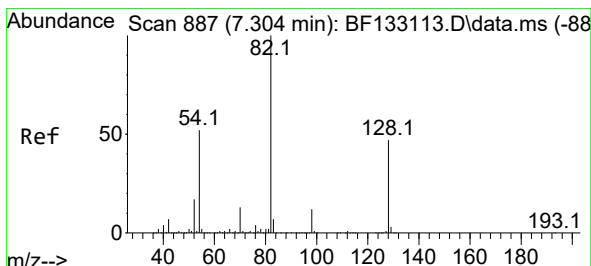
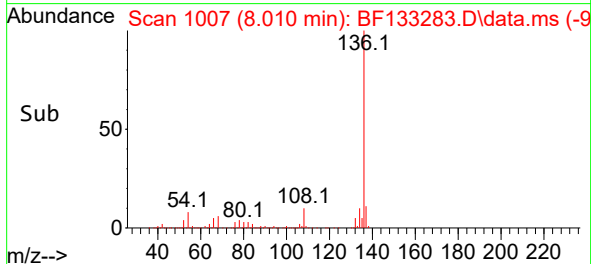
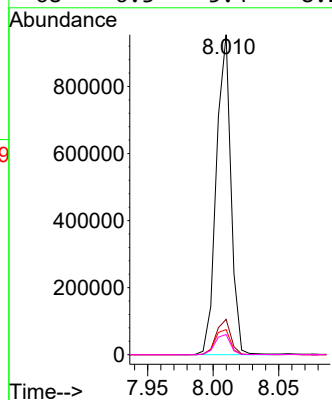
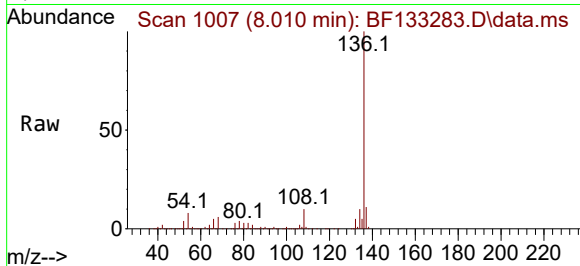


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF133283.D
Acq: 06 May 2023 01:31

Instrument :
BNA_F
ClientSampleId :
ETGI-291

Tgt Ion:136 Resp: 737846

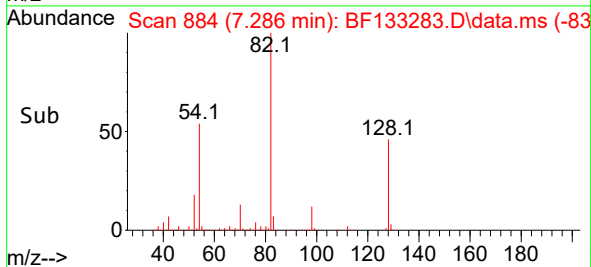
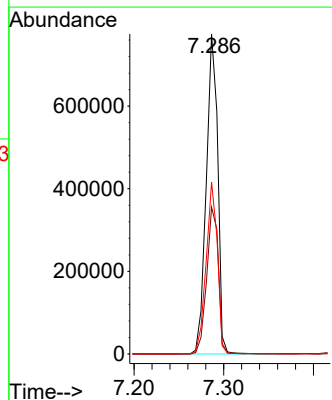
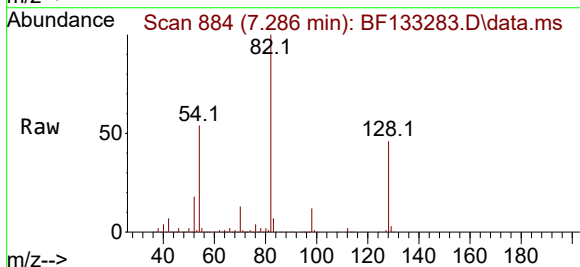
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	7.9	7.0	10.4
68	6.3	5.4	8.2

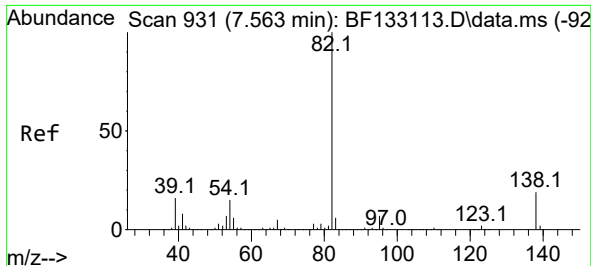


#23
Nitrobenzene-d5
Concen: 50.271 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF133283.D
Acq: 06 May 2023 01:31

Tgt Ion: 82 Resp: 687194

Ion	Ratio	Lower	Upper
82	100		
128	45.9	37.7	56.5
54	53.7	43.0	64.4

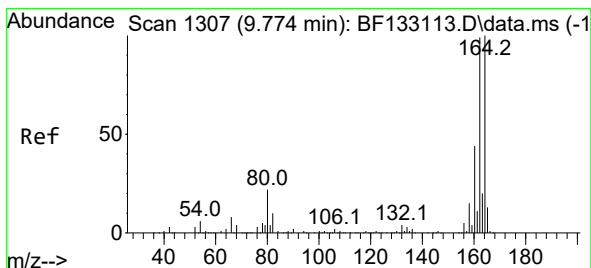
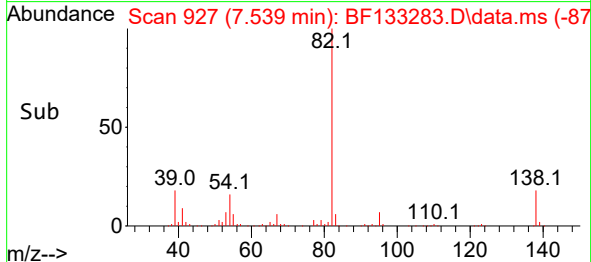
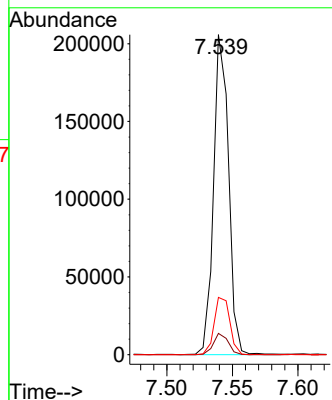
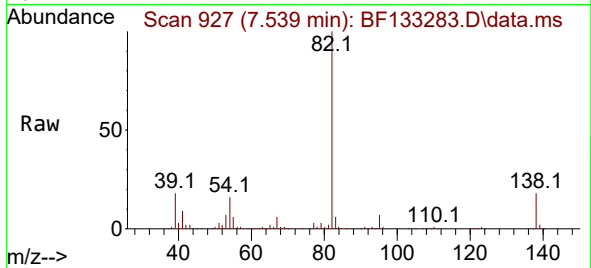




#25
Isophorone
Concen: 6.322 ng
RT: 7.539 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF133283.D
Acq: 06 May 2023 01:31

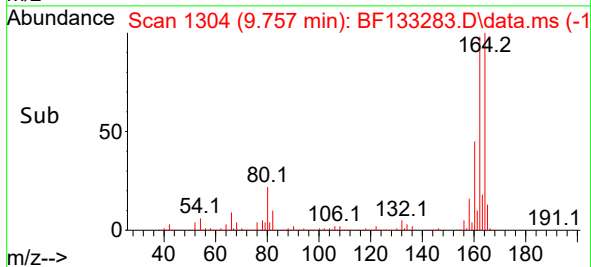
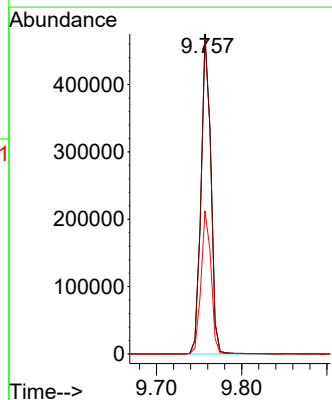
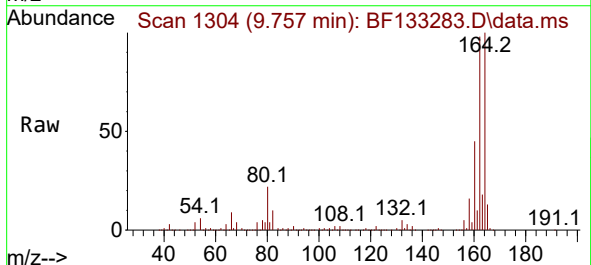
Instrument :
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ClientSampleId :
ETGI-291

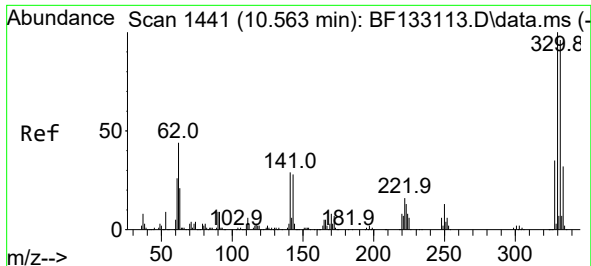
Tgt Ion: 82 Resp: 164075
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 17.9 16.0 24.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF133283.D
Acq: 06 May 2023 01:31

Tgt Ion:164 Resp: 379294
Ion Ratio Lower Upper
164 100
162 98.4 78.7 118.1
160 44.7 35.8 53.6

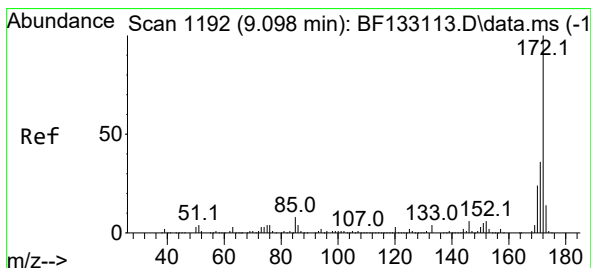
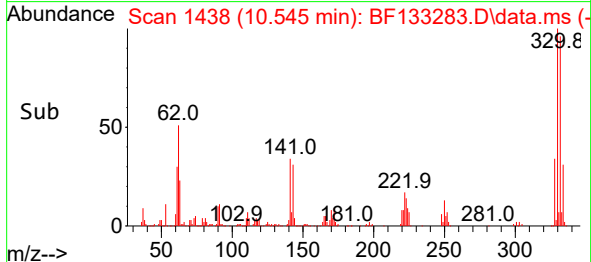
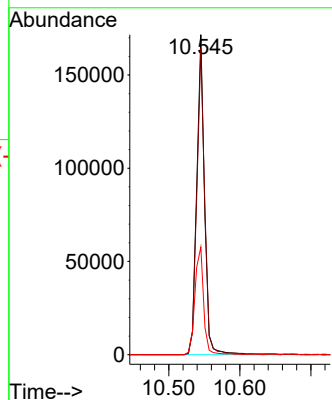
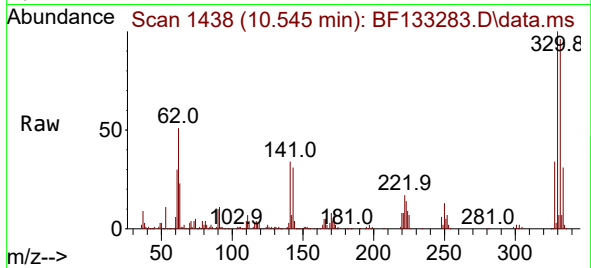




#42
2,4,6-Tribromophenol
Concen: 34.389 ng
RT: 10.545 min Scan# 1441
Delta R.T. -0.012 min
Lab File: BF133283.D
Acq: 06 May 2023 01:31

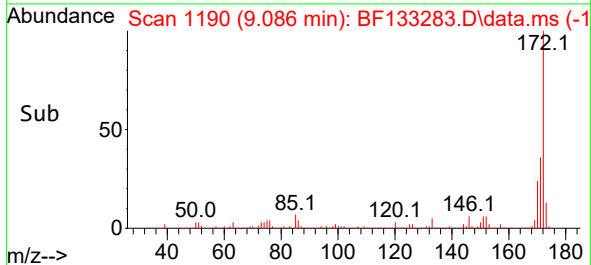
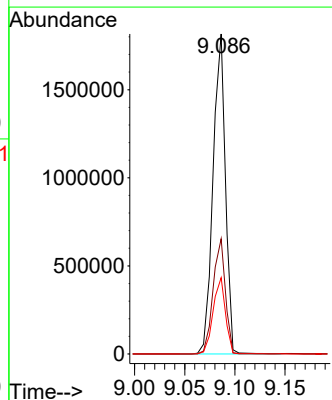
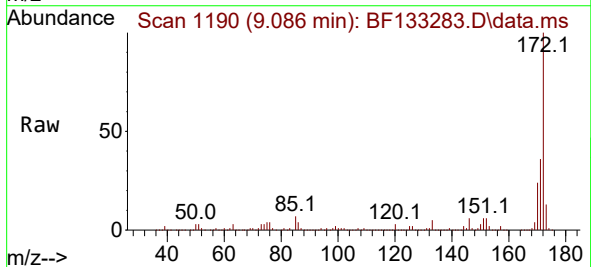
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ClientSampleId :
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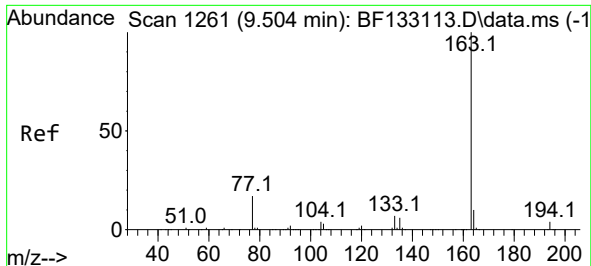
Tgt Ion:330 Resp: 131178
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 37.5 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 68.729 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF133283.D
Acq: 06 May 2023 01:31

Tgt Ion:172 Resp: 1558200
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 23.8 19.4 29.2

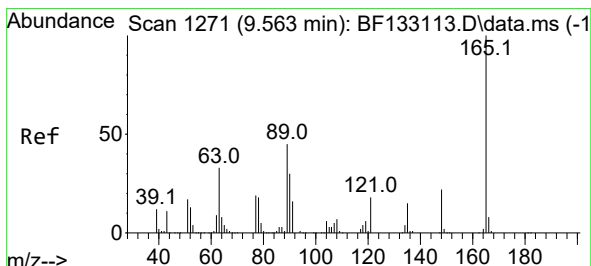
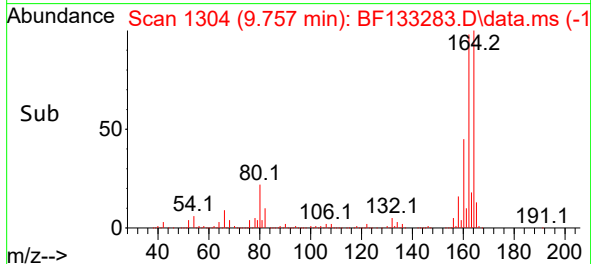
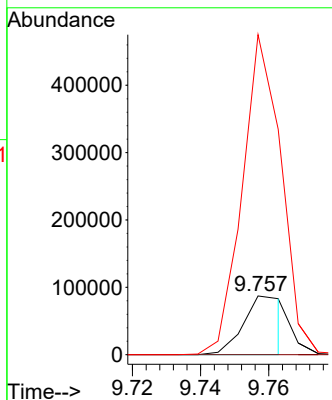
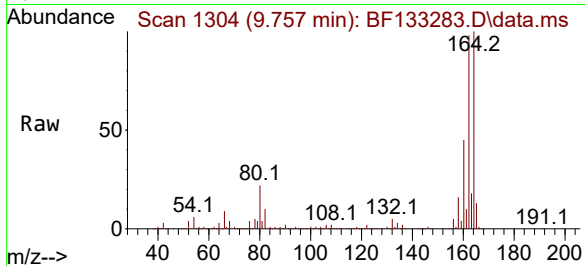




#50
Dimethylphthalate
Concen: 2.726 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF133283.D
Acq: 06 May 2023 01:31

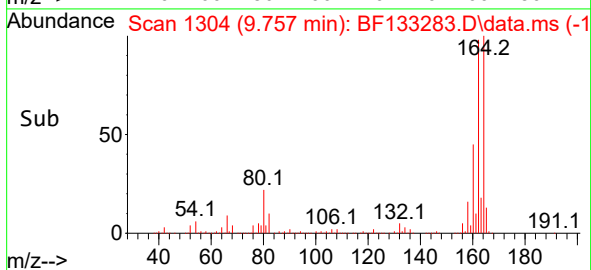
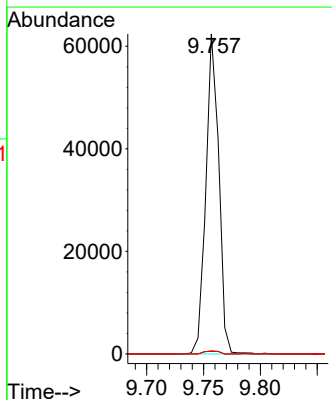
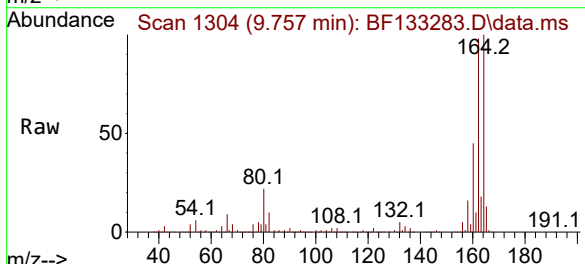
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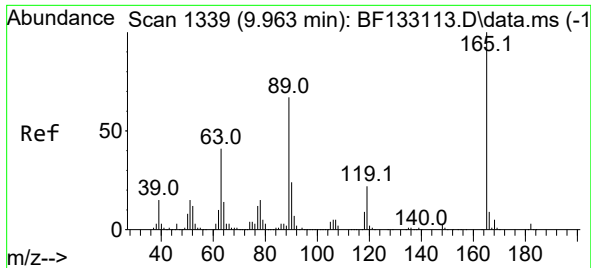
Tgt Ion:163 Resp: 72108
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 545.1 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.286 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.206 min
Lab File: BF133283.D
Acq: 06 May 2023 01:31

Tgt Ion:165 Resp: 49323
Ion Ratio Lower Upper
165 100
63 0.8 45.9 68.9#
89 1.0 44.0 66.0#

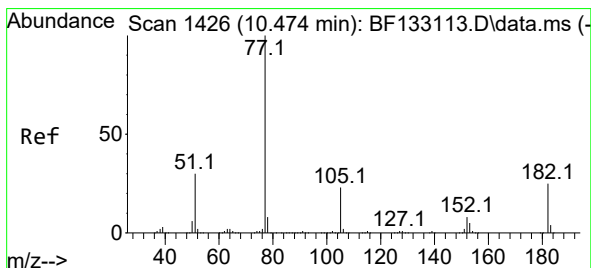
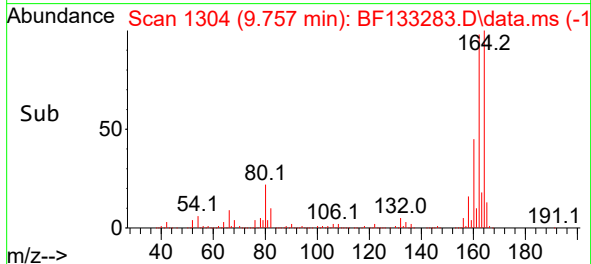
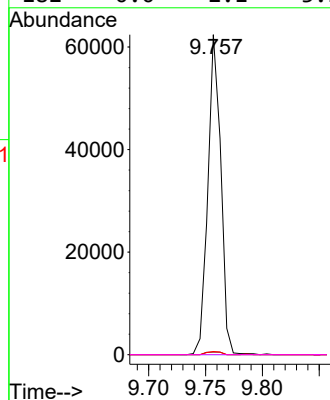
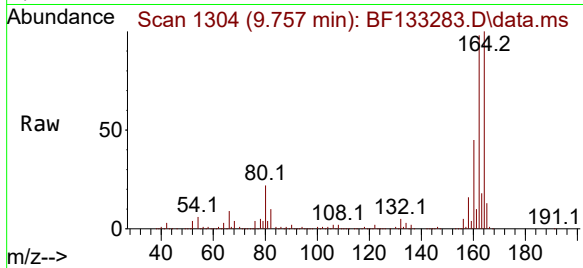




#57
2,4-Dinitrotoluene
Concen: 6.497 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF133283.D
Acq: 06 May 2023 01:31

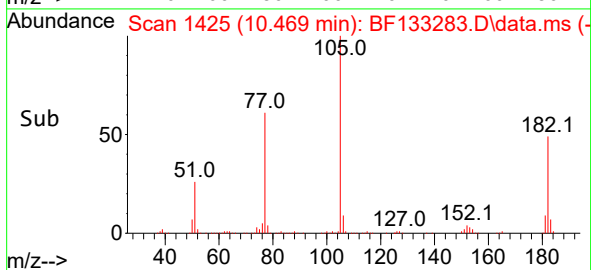
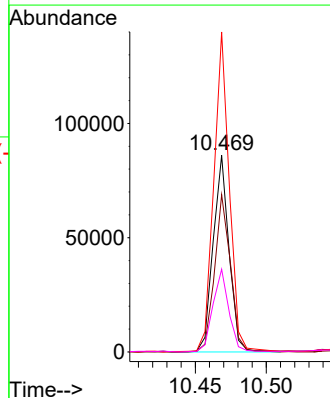
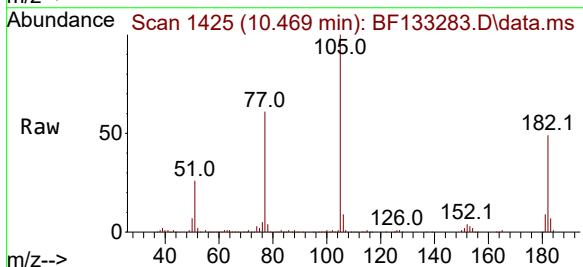
Instrument :
BNA_F
Client SampleId :
ETGI-291

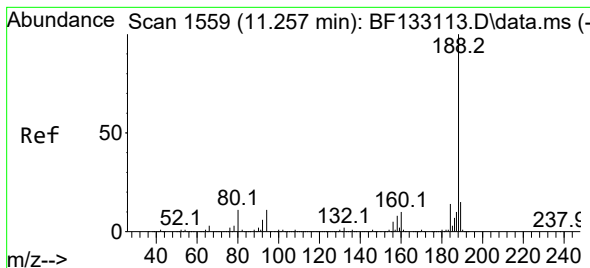
Tgt Ion: 165 Resp: 49323
Ion Ratio Lower Upper
165 100
63 0.8 37.7 56.5#
89 1.0 57.0 85.4#
182 0.0 2.1 3.1#



#63
Azobenzene
Concen: 2.525 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF133283.D
Acq: 06 May 2023 01:31

Tgt Ion: 77 Resp: 66812
Ion Ratio Lower Upper
77 100
182 80.0 5.9 45.9#
105 162.7 2.3 42.3#
51 42.0 11.1 51.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133283.D

Acq: 06 May 2023 01:31

Instrument :

BNA_F

ClientSampleId :

ETGI-291

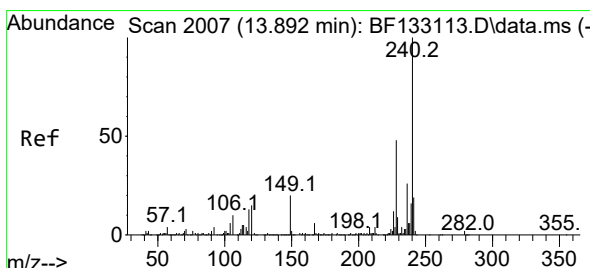
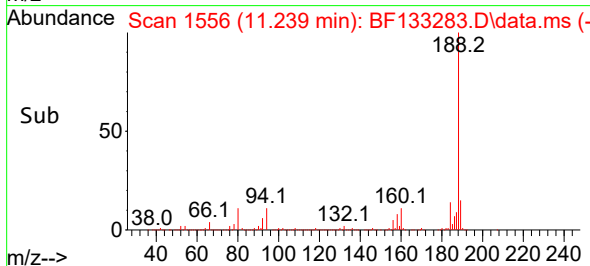
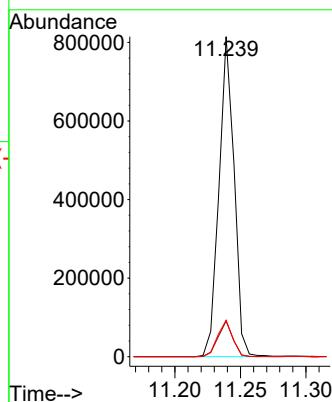
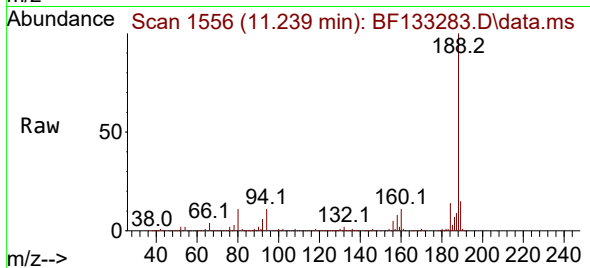
Tgt Ion:188 Resp: 652975

Ion Ratio Lower Upper

188 100

94 11.2 9.7 14.5

80 11.4 10.4 15.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.874 min Scan# 2004

Delta R.T. -0.006 min

Lab File: BF133283.D

Acq: 06 May 2023 01:31

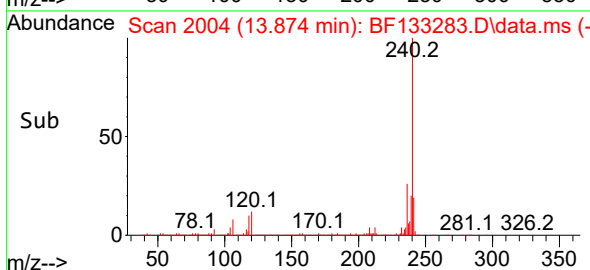
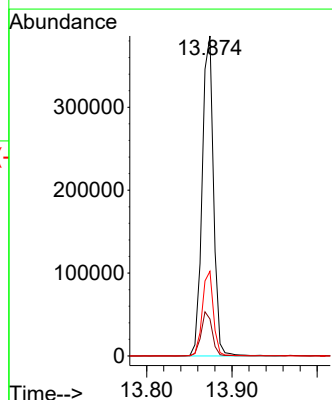
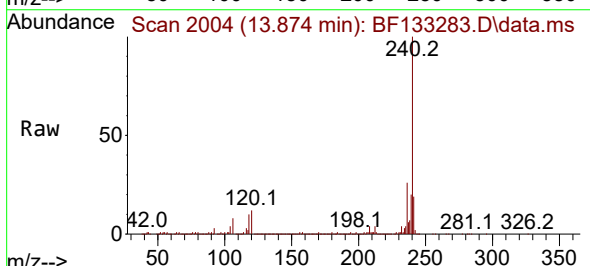
Tgt Ion:240 Resp: 357360

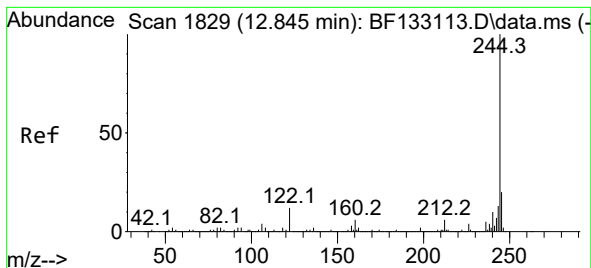
Ion Ratio Lower Upper

240 100

120 11.5 10.5 15.7

236 26.4 21.5 32.3





#79

Terphenyl-d14

Concen: 91.478 ng

RT: 12.827 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BF133283.D

Acq: 06 May 2023 01:31

Instrument :

BNA_F

ClientSampleId :

ETGI-291

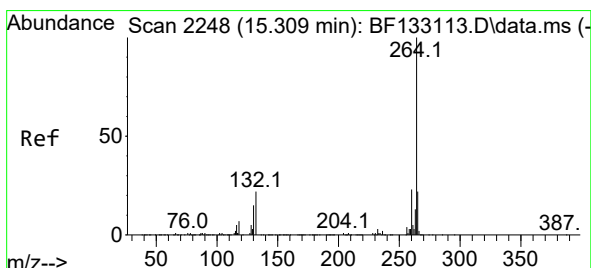
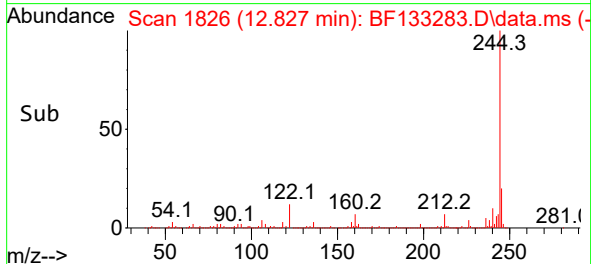
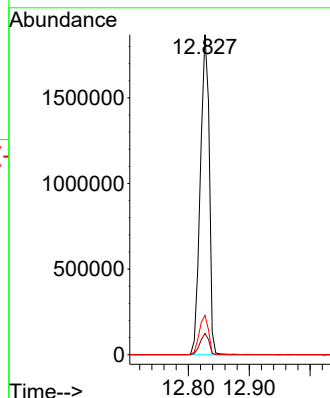
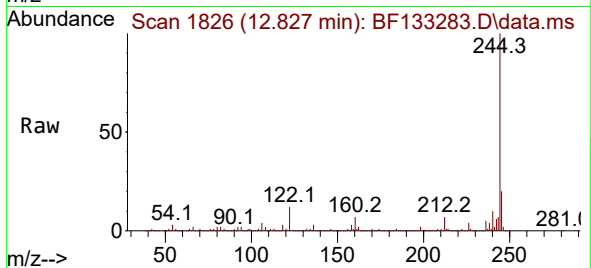
Tgt Ion:244 Resp: 1895478

Ion Ratio Lower Upper

244 100

212 6.7 5.1 7.7

122 12.3 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.292 min Scan# 2245

Delta R.T. -0.000 min

Lab File: BF133283.D

Acq: 06 May 2023 01:31

Tgt Ion:264 Resp: 363171

Ion Ratio Lower Upper

264 100

260 24.8 18.8 28.2

265 22.4 17.0 25.4

