

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
 Data File : BF129896.D
 Acq On : 19 Aug 2022 02:04
 Operator : CG\JU
 Sample : N4214-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-357

Quant Time: Aug 19 02:39:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 18 12:03:10 2022
 Response via : Initial Calibration

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

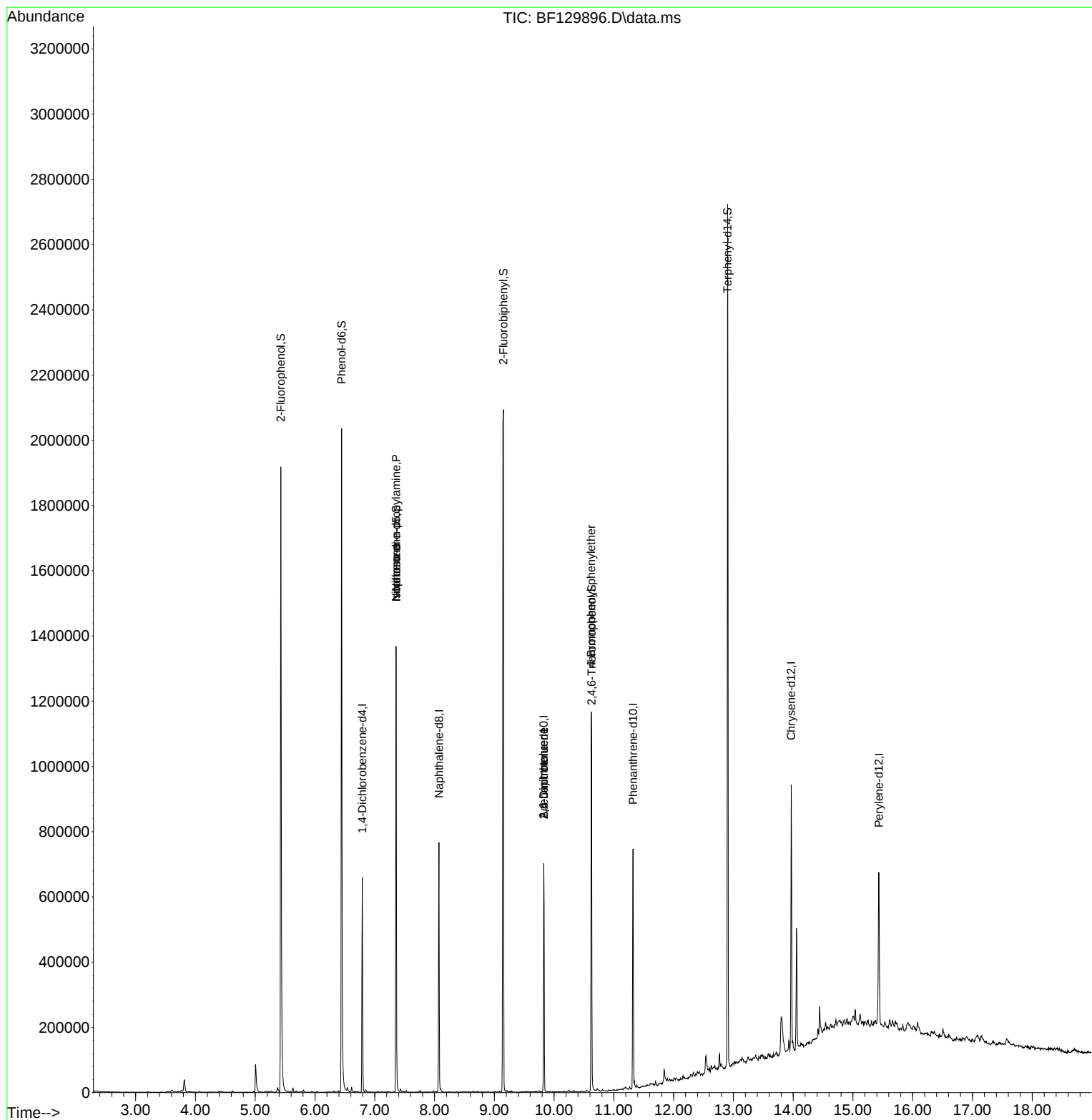
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	90285	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	304167	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	139695	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	244497	20.000	ng	0.00
76) Chrysene-d12	13.968	240	256977	20.000	ng	0.00
86) Perylene-d12	15.433	264	209530	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	547678	100.436	ng	0.00
7) Phenol-d6	6.445	99	626458	91.740	ng	0.00
23) Nitrobenzene-d5	7.357	82	390423	68.712	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	135351	96.538	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	661364	71.905	ng	0.00
79) Terphenyl-d14	12.904	244	833327	53.958	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.386	77	590	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.357	70	50838	11.778	ng	# 76
25) Isophorone	7.357	82	390421	39.922	ng	# 65
51) 2,6-Dinitrotoluene	9.827	165	17112	7.877	ng	# 23
57) 2,4-Dinitrotoluene	9.827	165	17112	6.068	ng	# 18
67) 4-Bromophenyl-phenylether	10.622	248	8454	2.952	ng	# 1
77) Benizidine	12.904	184	11786	Below Cal	#	92

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

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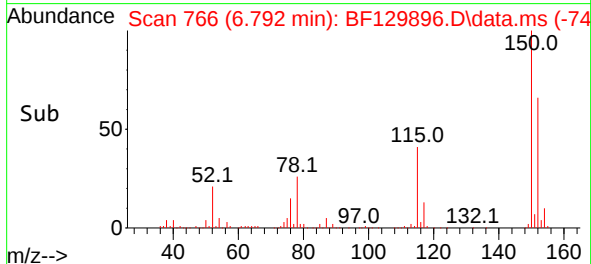
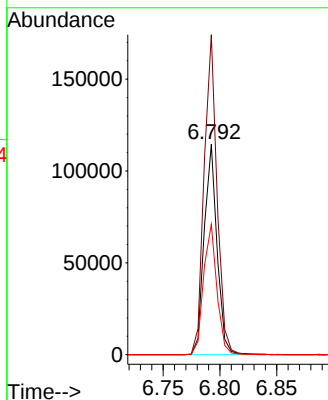
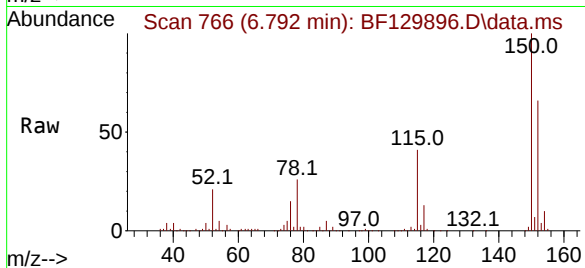




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF129896.D
Acq: 19 Aug 2022 02:04

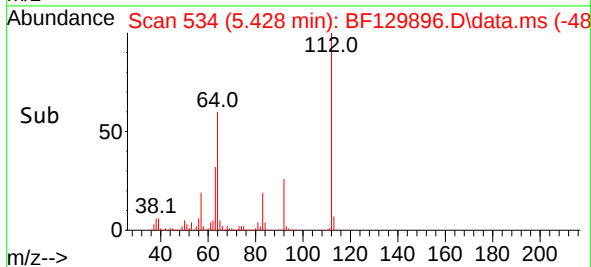
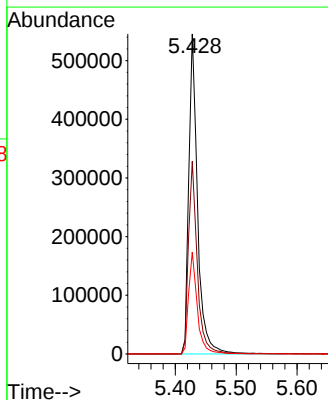
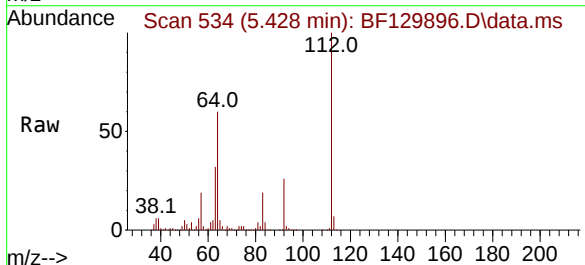
Instrument :
BNA_F
ClientSampleId :
ETGI-357

Tgt Ion:152 Resp: 90285
Ion Ratio Lower Upper
152 100
150 152.0 126.9 190.3
115 62.0 53.4 80.0



#5
2-Fluorophenol
Concen: 100.436 ng
RT: 5.428 min Scan# 534
Delta R.T. 0.000 min
Lab File: BF129896.D
Acq: 19 Aug 2022 02:04

Tgt Ion:112 Resp: 547678
Ion Ratio Lower Upper
112 100
64 60.2 47.6 71.4
63 31.9 24.6 37.0

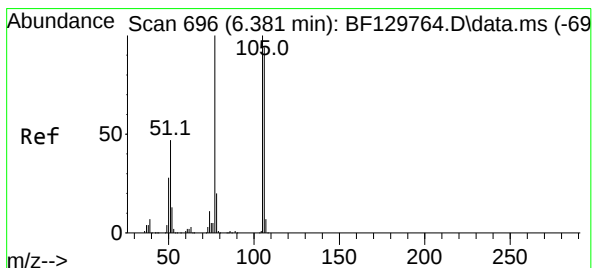
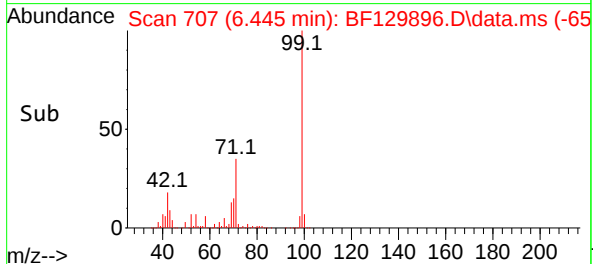
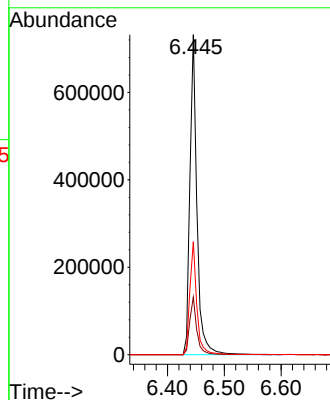
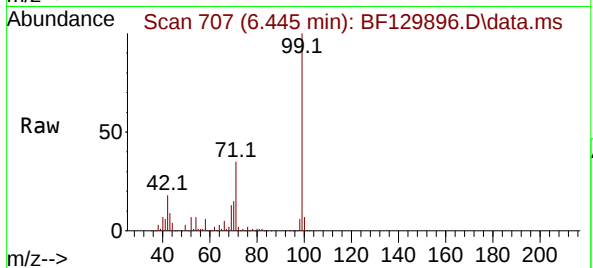




#7
Phenol-d6
Concen: 91.740 ng
RT: 6.445 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF129896.D
Acq: 19 Aug 2022 02:04

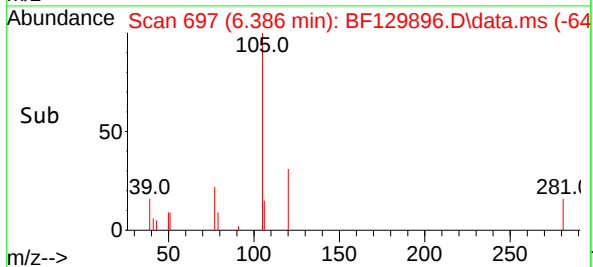
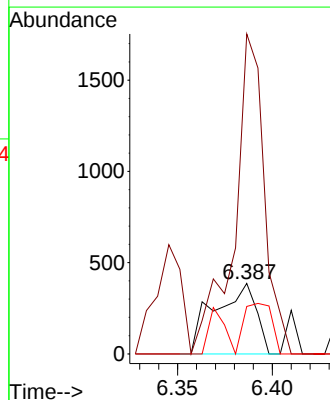
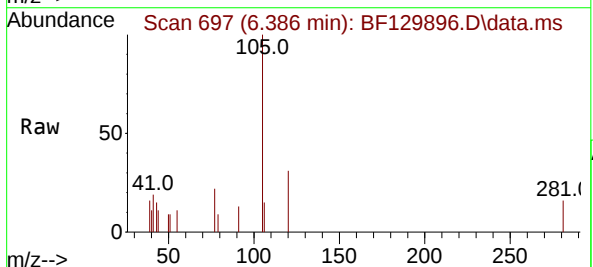
Instrument :
BNA_F
ClientSampleId :
ETGI-357

Tgt Ion: 99 Resp: 626458
Ion Ratio Lower Upper
99 100
42 18.0 15.0 22.4
71 35.3 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.386 min Scan# 697
Delta R.T. 0.035 min
Lab File: BF129896.D
Acq: 19 Aug 2022 02:04

Tgt Ion: 77 Resp: 590
Ion Ratio Lower Upper
77 100
105 454.1 80.3 120.3#
106 67.4 74.3 114.3#

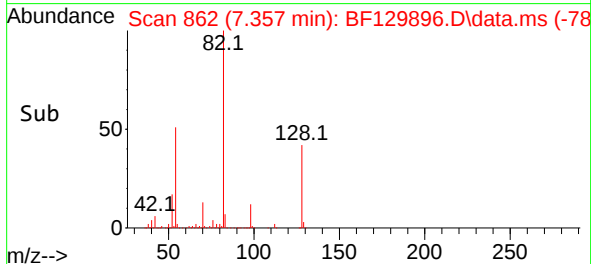
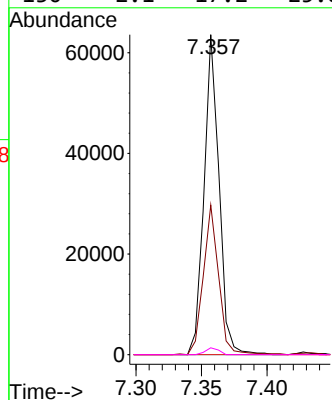
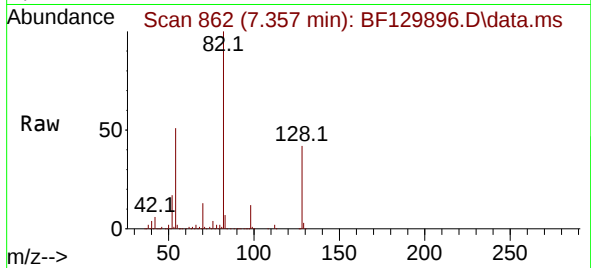




#19
n-Nitroso-di-n-propylamine
Concen: 11.778 ng
RT: 7.357 min Scan# 80
Delta R.T. 0.147 min
Lab File: BF129896.D
Acq: 19 Aug 2022 02:04

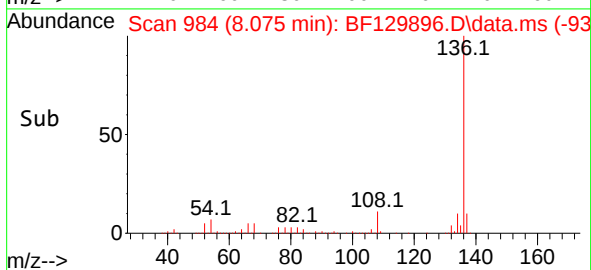
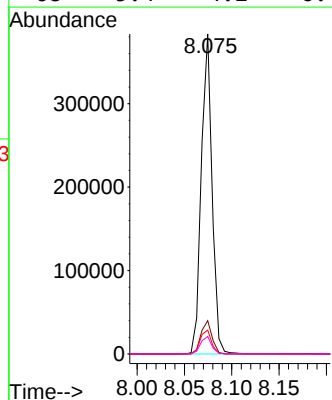
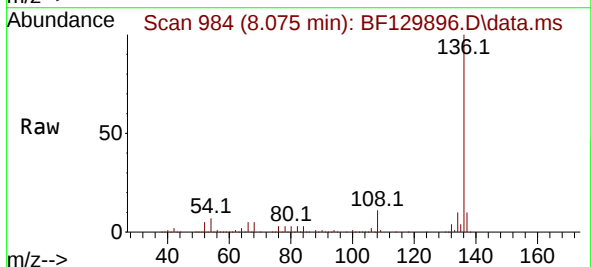
Instrument :
BNA_F
ClientSampleId :
ETGI-357

Tgt Ion: 70 Resp: 50838
Ion Ratio Lower Upper
70 100
42 46.8 47.6 71.4#
101 0.0 8.1 12.1#
130 2.1 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF129896.D
Acq: 19 Aug 2022 02:04

Tgt Ion: 136 Resp: 304167
Ion Ratio Lower Upper
136 100
137 10.4 8.4 12.6
54 7.4 6.2 9.2
68 5.4 4.2 6.4





#23

Nitrobenzene-d5

Concen: 68.712 ng

RT: 7.357 min Scan# 862

Delta R.T. -0.012 min

Lab File: BF129896.D

Acq: 19 Aug 2022 02:04

Instrument :

BNA_F

ClientSampleId :

ETGI-357

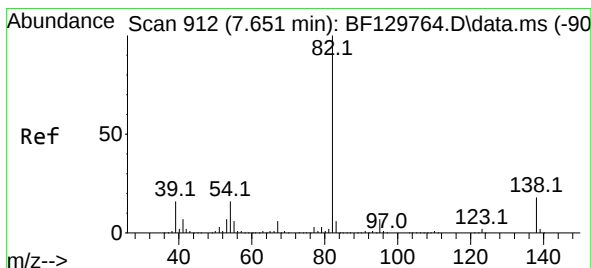
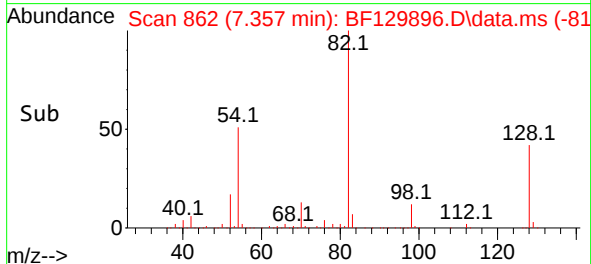
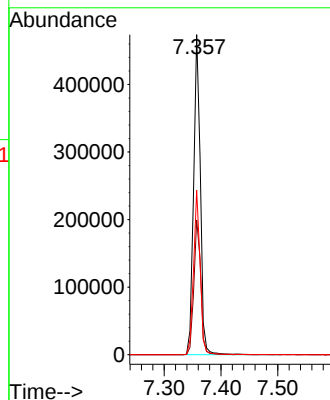
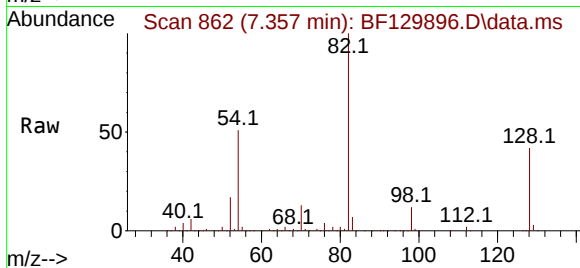
Tgt Ion: 82 Resp: 390423

Ion Ratio Lower Upper

82 100

128 42.1 36.1 54.1

54 51.4 40.0 60.0



#25

Isophorone

Concen: 39.922 ng

RT: 7.357 min Scan# 862

Delta R.T. -0.265 min

Lab File: BF129896.D

Acq: 19 Aug 2022 02:04

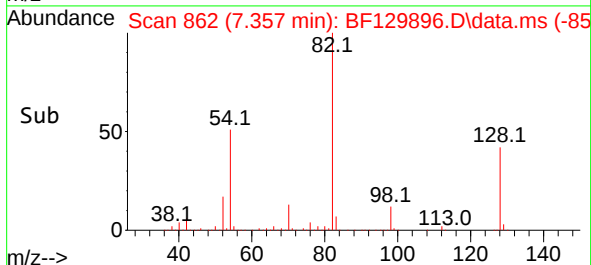
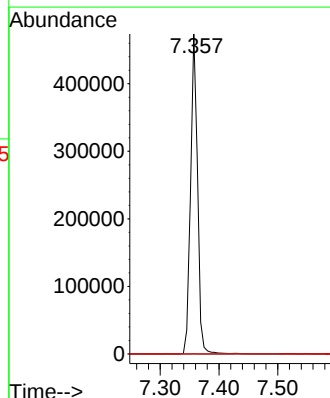
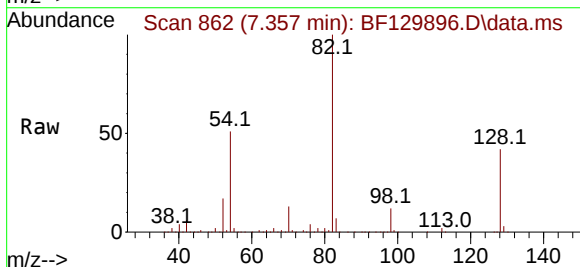
Tgt Ion: 82 Resp: 390421

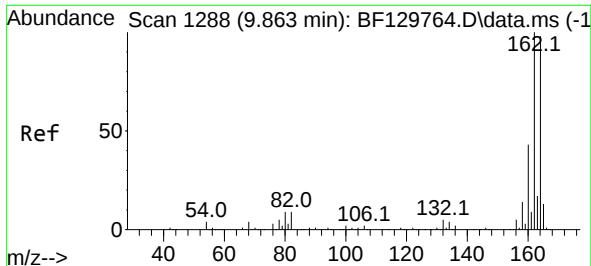
Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

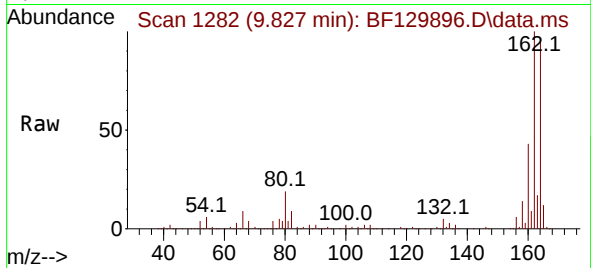
138 0.0 14.6 21.8#



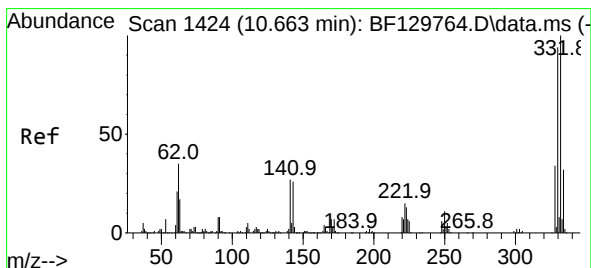
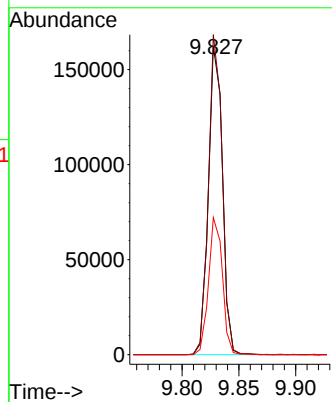
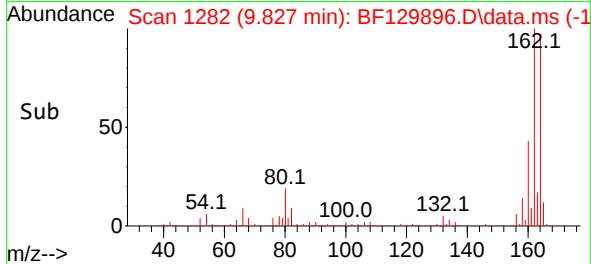


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129896.D
Acq: 19 Aug 2022 02:04

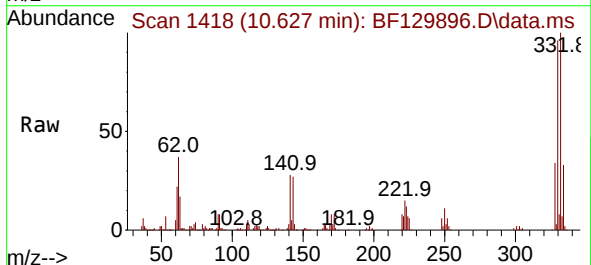
Instrument :
BNA_F
ClientSampleId :
ETGI-357



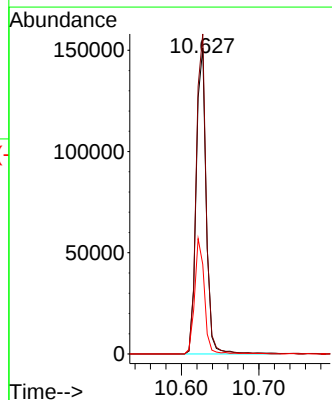
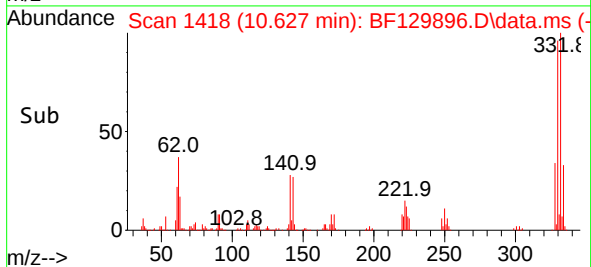
Tgt Ion:164 Resp: 139695
Ion Ratio Lower Upper
164 100
162 103.8 82.0 123.0
160 44.5 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 96.538 ng
RT: 10.627 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF129896.D
Acq: 19 Aug 2022 02:04



Tgt Ion:330 Resp: 135351
Ion Ratio Lower Upper
330 100
332 103.9 82.6 124.0
141 36.7 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 71.905 ng

RT: 9.151 min Scan# 1173

Delta R.T. 0.000 min

Lab File: BF129896.D

Acq: 19 Aug 2022 02:04

Instrument :

BNA_F

ClientSampleId :

ETGI-357

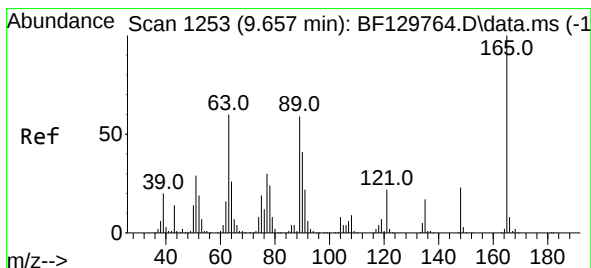
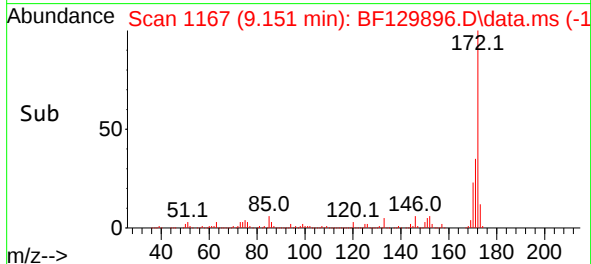
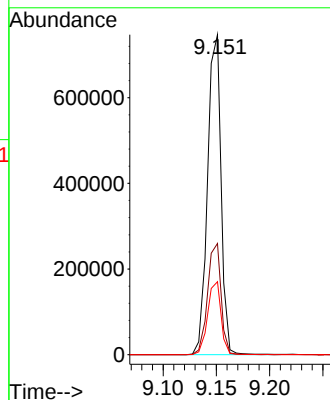
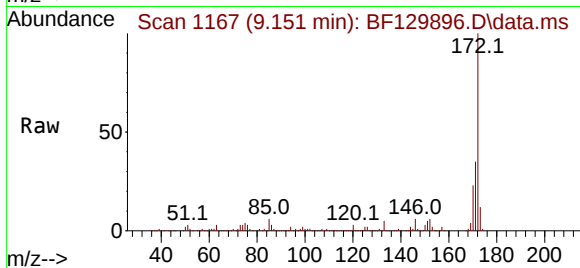
Tgt Ion:172 Resp: 661364

Ion Ratio Lower Upper

172 100

171 34.8 28.4 42.6

170 22.8 19.1 28.7



#51

2,6-Dinitrotoluene

Concen: 7.877 ng

RT: 9.827 min Scan# 1282

Delta R.T. 0.200 min

Lab File: BF129896.D

Acq: 19 Aug 2022 02:04

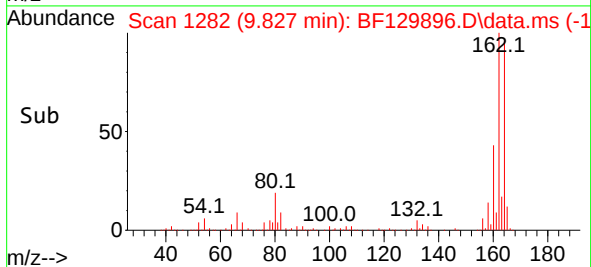
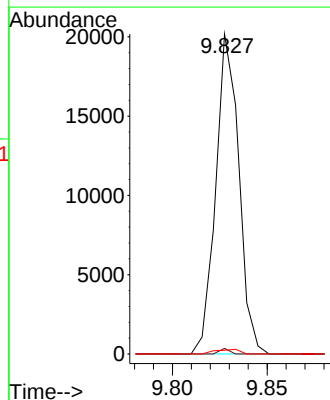
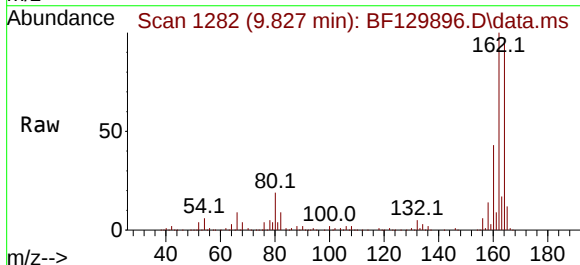
Tgt Ion:165 Resp: 17112

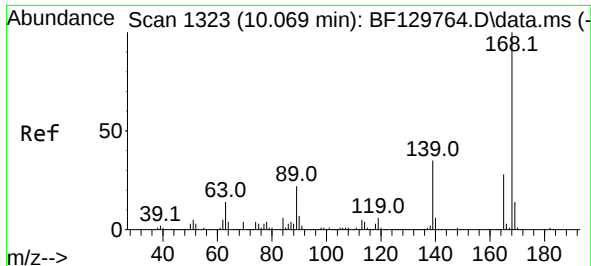
Ion Ratio Lower Upper

165 100

63 1.7 47.8 71.8#

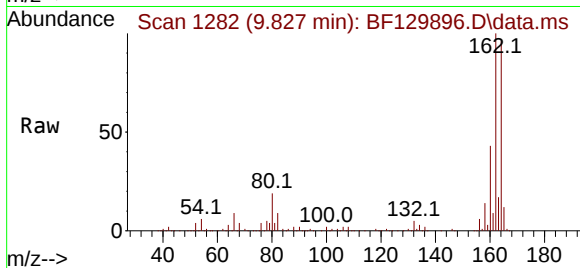
89 1.1 47.2 70.8#



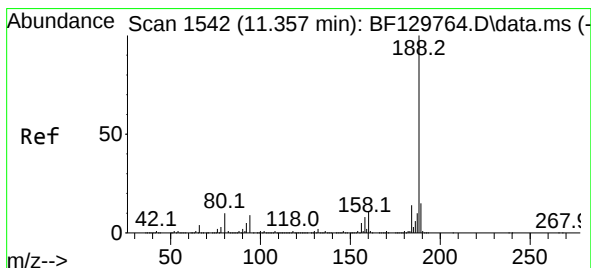
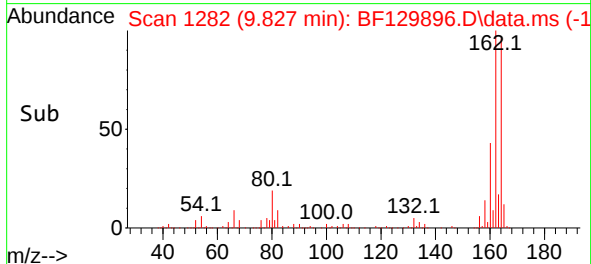
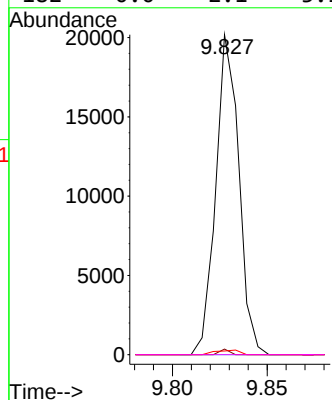


#57
2,4-Dinitrotoluene
Concen: 6.068 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF129896.D
Acq: 19 Aug 2022 02:04

Instrument :
BNA_F
ClientSampleId :
ETGI-357

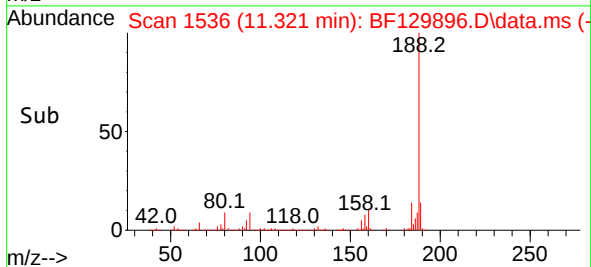
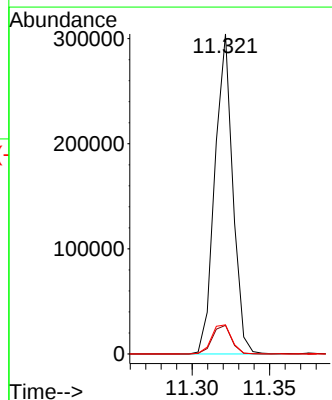
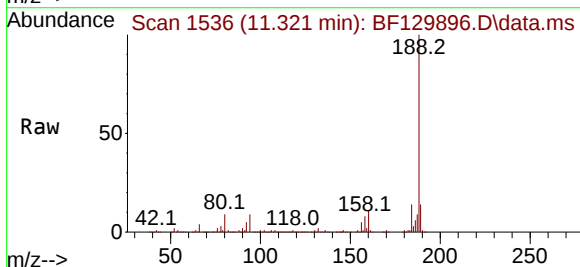


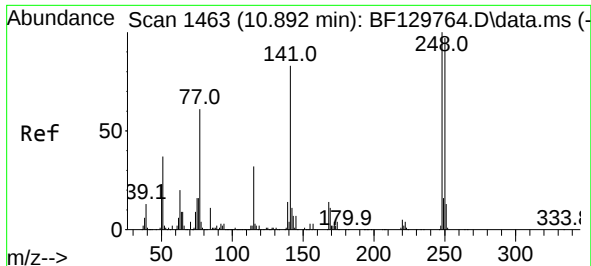
Tgt Ion:165 Resp: 17112
Ion Ratio Lower Upper
165 100
63 1.7 48.4 72.6#
89 1.1 62.3 93.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1536
Delta R.T. 0.000 min
Lab File: BF129896.D
Acq: 19 Aug 2022 02:04

Tgt Ion:188 Resp: 244497
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 9.1 7.9 11.9

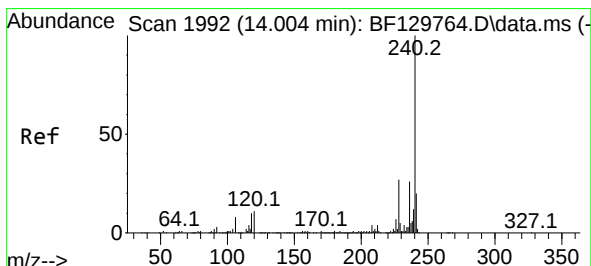
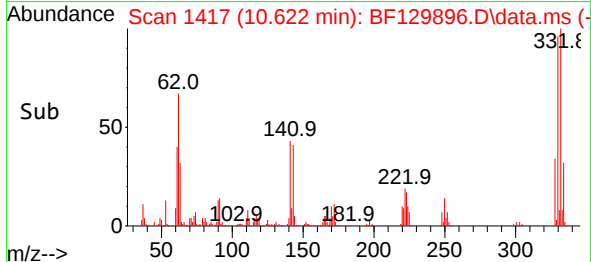
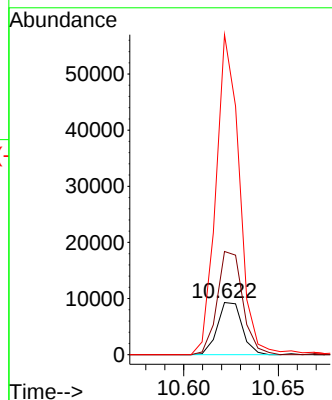
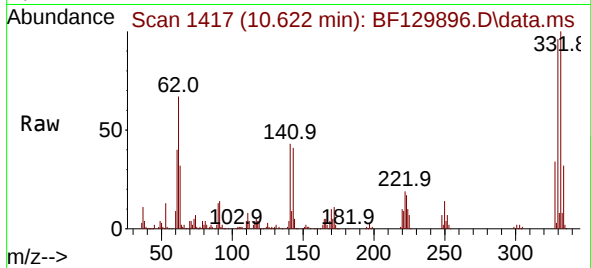




#67
4-Bromophenyl-phenylether
Concen: 2.952 ng
RT: 10.622 min Scan# 1463
Delta R.T. -0.241 min
Lab File: BF129896.D
Acq: 19 Aug 2022 02:04

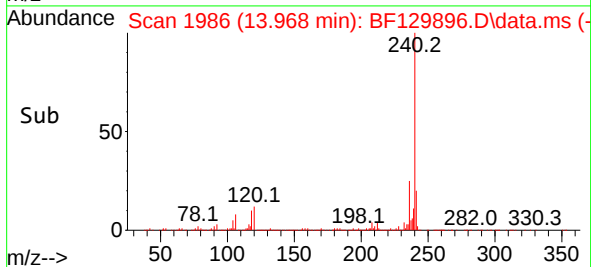
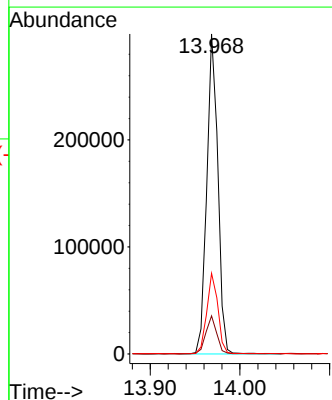
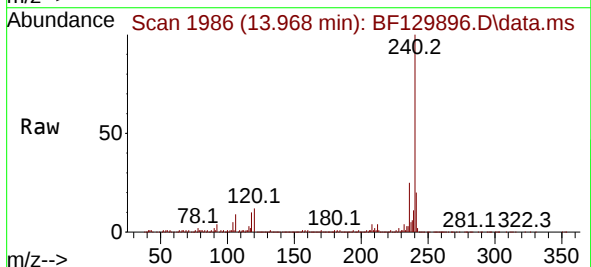
Instrument :
BNA_F
ClientSampleId :
ETGI-357

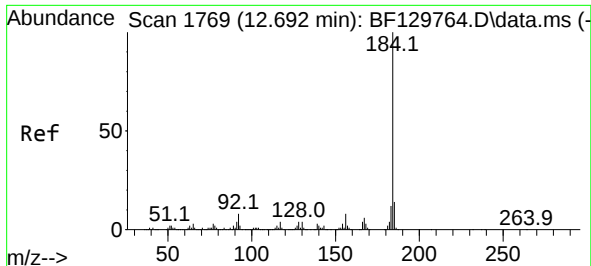
Tgt Ion:248 Resp: 8454
Ion Ratio Lower Upper
248 100
250 198.1 77.8 116.6#
141 614.0 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BF129896.D
Acq: 19 Aug 2022 02:04

Tgt Ion:240 Resp: 256977
Ion Ratio Lower Upper
240 100
120 11.9 9.2 13.8
236 25.2 20.7 31.1

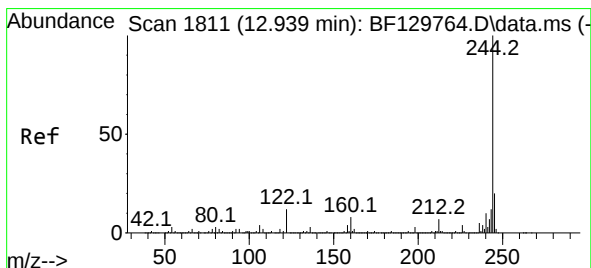
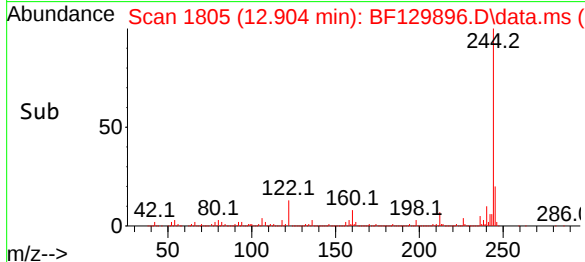
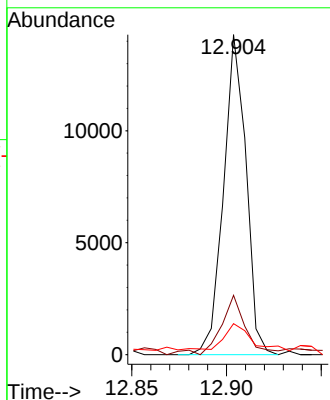
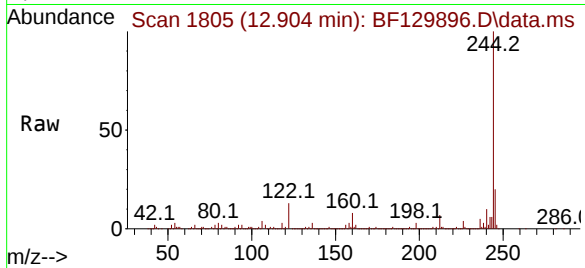




#77
Benzidine
Concen: Below Cal
RT: 12.904 min Scan# 1805
Delta R.T. 0.241 min
Lab File: BF129896.D
Acq: 19 Aug 2022 02:04

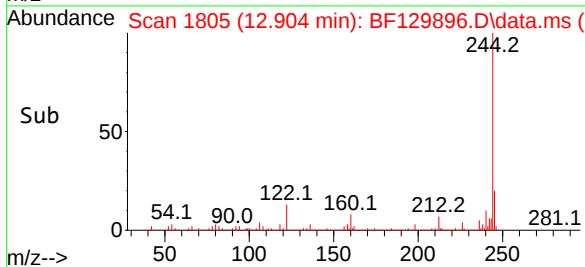
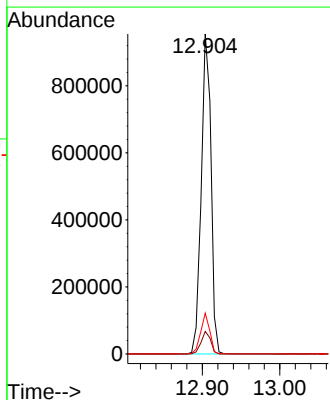
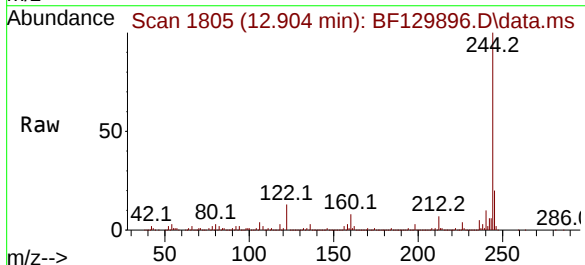
Instrument :
BNA_F
ClientSampleId :
ETGI-357

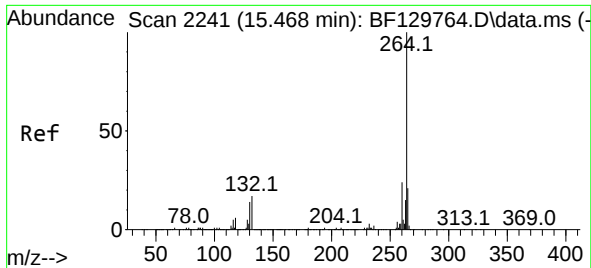
Tgt Ion:184 Resp: 11786
Ion Ratio Lower Upper
184 100
185 18.5 11.4 17.2#
183 9.7 9.4 14.2



#79
Terphenyl-d14
Concen: 53.958 ng
RT: 12.904 min Scan# 1805
Delta R.T. -0.006 min
Lab File: BF129896.D
Acq: 19 Aug 2022 02:04

Tgt Ion:244 Resp: 833327
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 12.8 9.9 14.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF129896.D
Acq: 19 Aug 2022 02:04

Instrument :
BNA_F
ClientSampleId :
ETGI-357

Tgt Ion:264 Resp: 209530
Ion Ratio Lower Upper
264 100
260 24.6 19.1 28.7
265 21.0 16.7 25.1

