

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
 Data File : BF136727.D
 Acq On : 26 Dec 2023 19:28
 Operator : CG\JU
 Sample : 05990-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-281

Quant Time: Dec 27 03:57:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

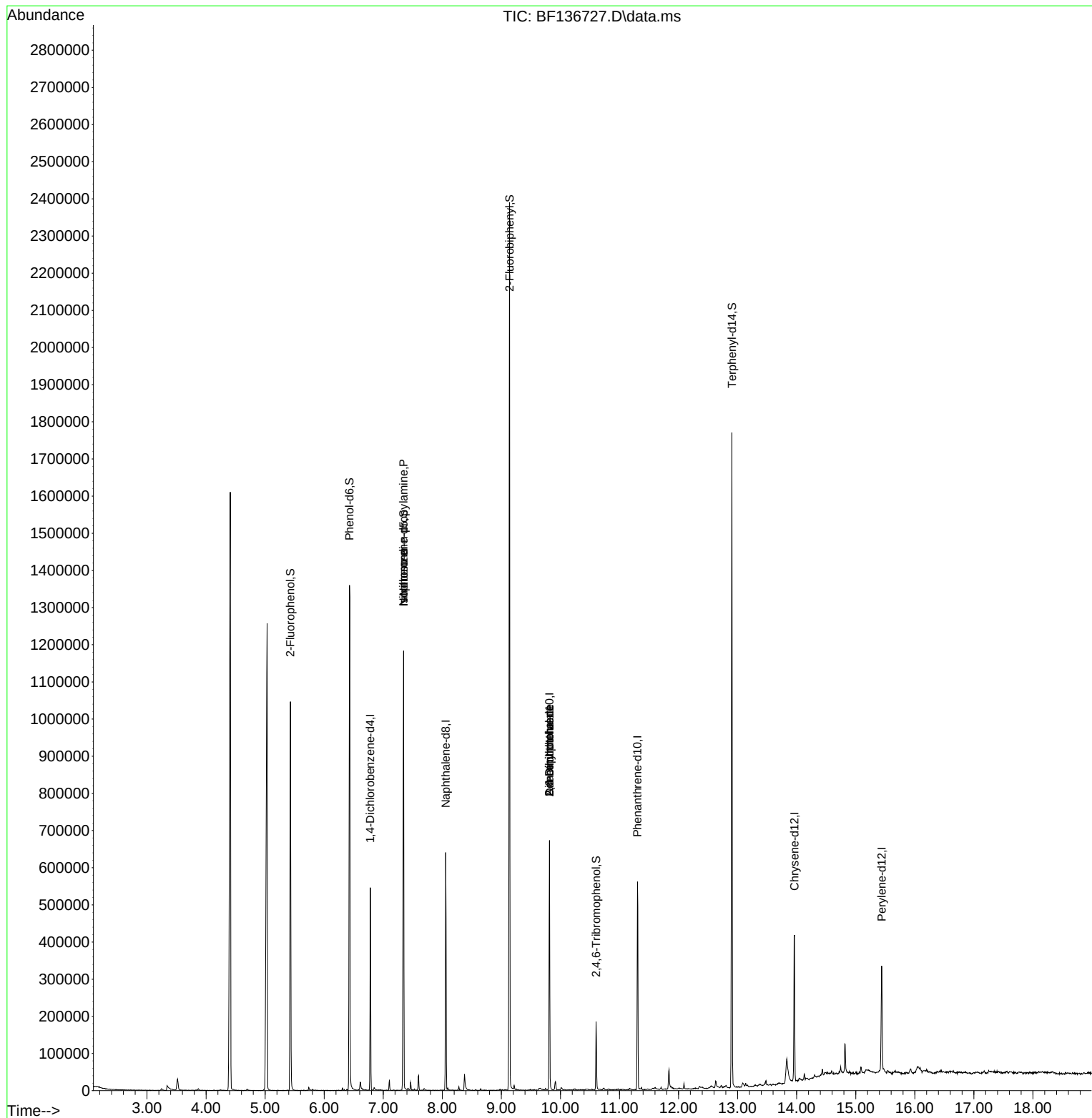
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	71792	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	266782	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	127263	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	209455	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	140876	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	132893	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	258842	56.255	ng	0.00
7) Phenol-d6	6.428	99	507470	85.117	ng	-0.01
23) Nitrobenzene-d5	7.345	82	361878	69.411	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	22255	14.848	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	708262	74.853	ng	-0.01
79) Terphenyl-d14	12.904	244	615780	61.084	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	48007	13.283	ng	# 76
25) Isophorone	7.345	82	360803	38.033	ng	# 65
50) Dimethylphthalate	9.816	163	25141	2.705	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	15585	7.387	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	15585	5.691	ng	# 21

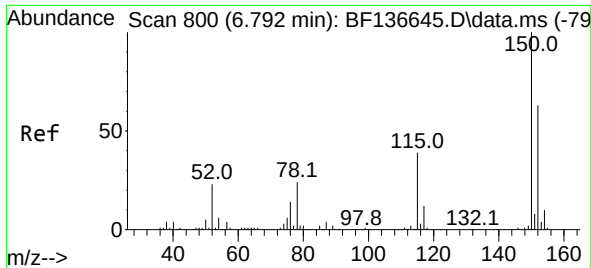
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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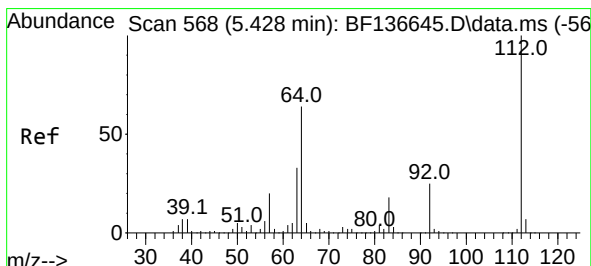
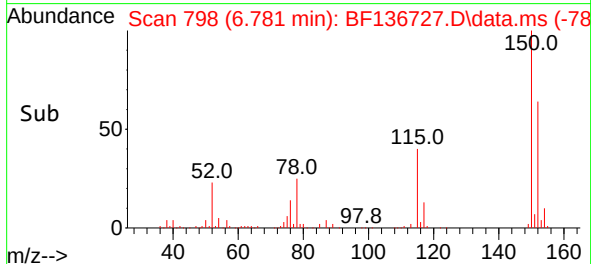
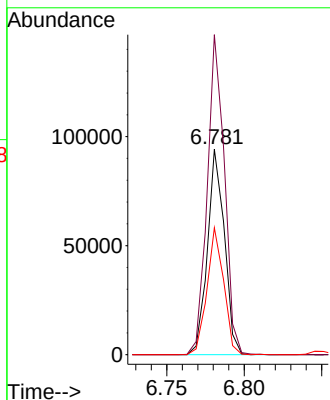
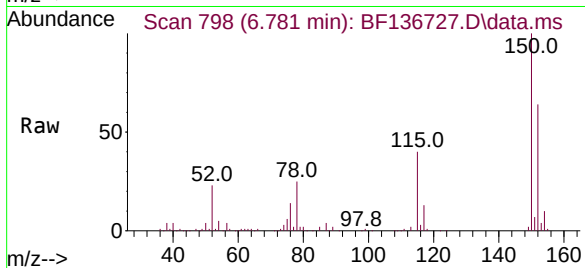




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF136727.D
 Acq: 26 Dec 2023 19:28

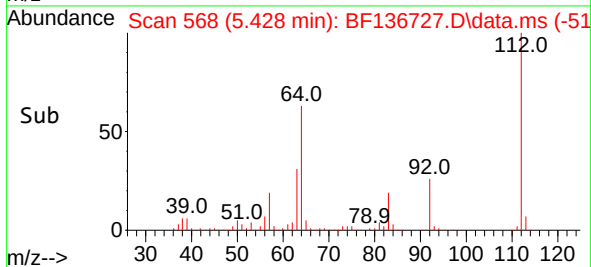
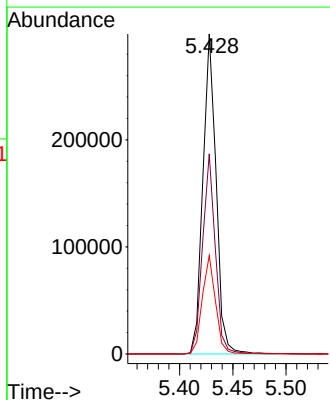
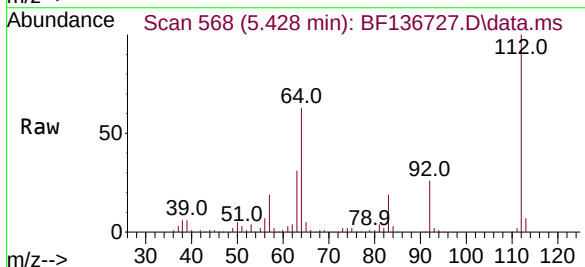
Instrument :
 BNA_F
 ClientSampleId :
 ETGI-281

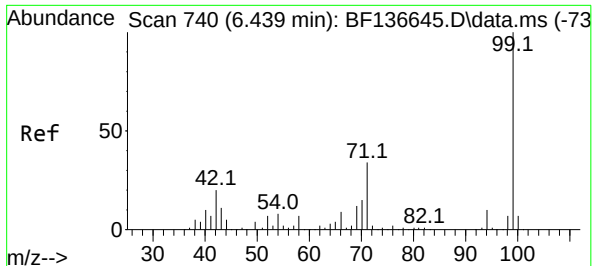
Tgt Ion:152 Resp: 71792
 Ion Ratio Lower Upper
 152 100
 150 155.7 127.0 190.6
 115 61.8 49.0 73.4



#5
 2-Fluorophenol
 Concen: 56.255 ng
 RT: 5.428 min Scan# 568
 Delta R.T. 0.000 min
 Lab File: BF136727.D
 Acq: 26 Dec 2023 19:28

Tgt Ion:112 Resp: 258842
 Ion Ratio Lower Upper
 112 100
 64 62.6 51.1 76.7
 63 30.8 26.1 39.1

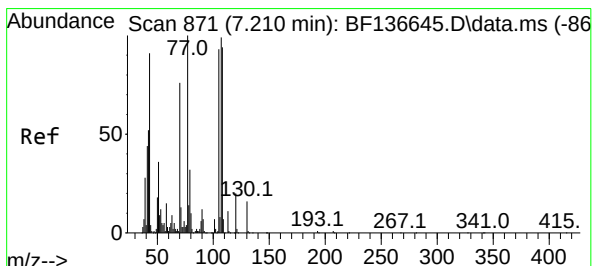
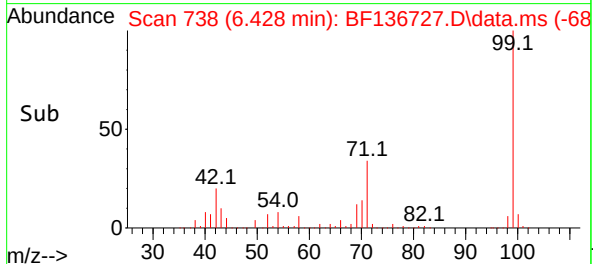
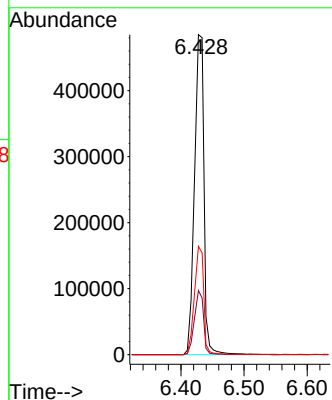
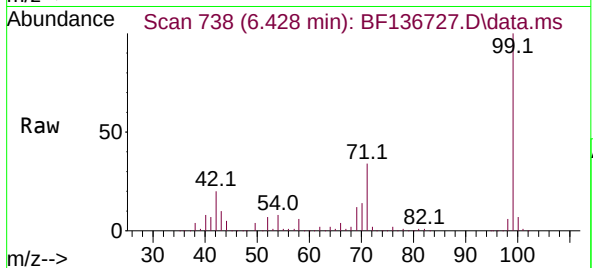




#7
Phenol-d6
Concen: 85.117 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136727.D
Acq: 26 Dec 2023 19:28

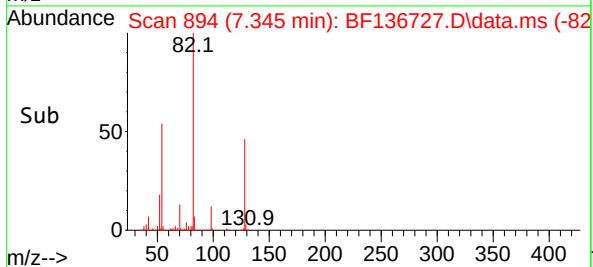
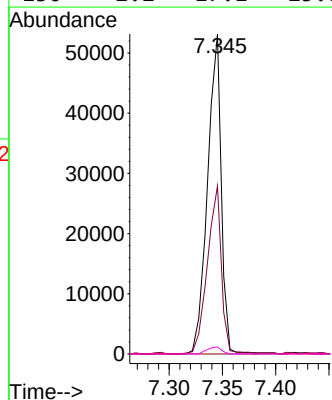
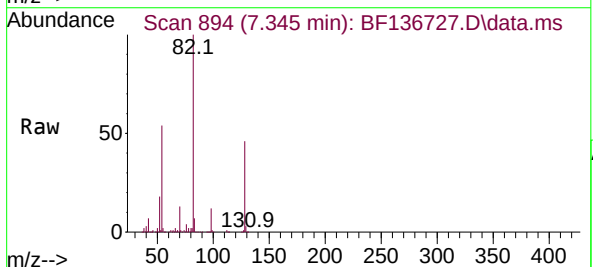
Instrument :
BNA_F
ClientSampleId :
ETGI-281

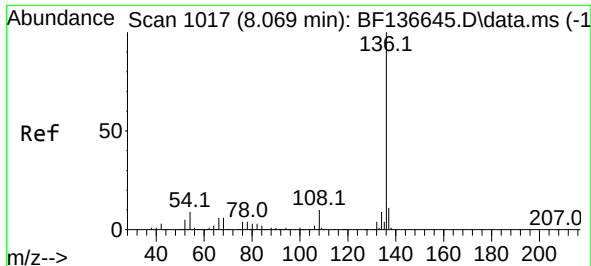
Tgt Ion: 99 Resp: 507470
Ion Ratio Lower Upper
99 100
42 20.0 16.1 24.1
71 33.8 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.283 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136727.D
Acq: 26 Dec 2023 19:28

Tgt Ion: 70 Resp: 48007
Ion Ratio Lower Upper
70 100
42 52.5 54.2 81.4#
101 0.0 7.6 11.4#
130 2.2 17.1 25.7#



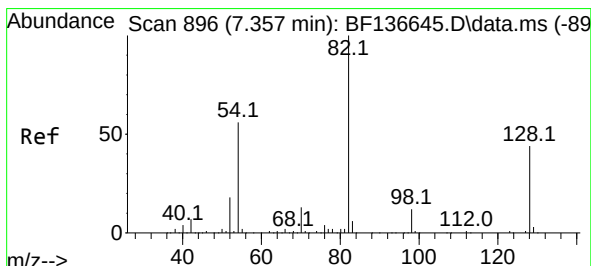
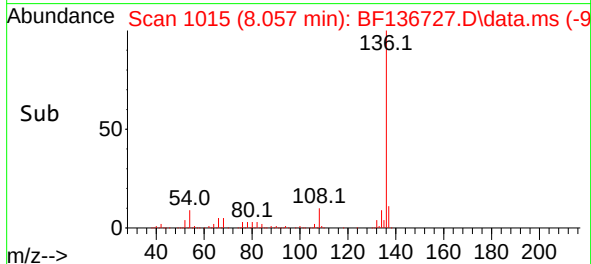
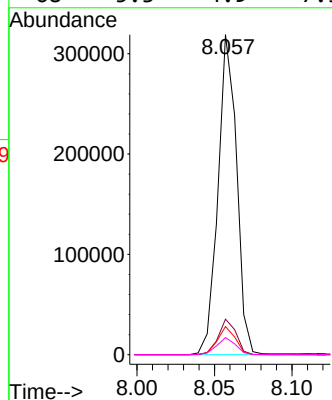
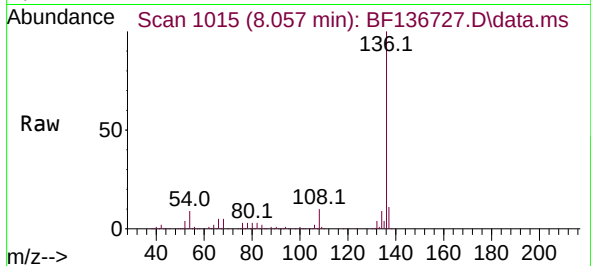


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136727.D
Acq: 26 Dec 2023 19:28

Instrument :
BNA_F
ClientSampleId :
ETGI-281

Tgt Ion:136 Resp: 266782

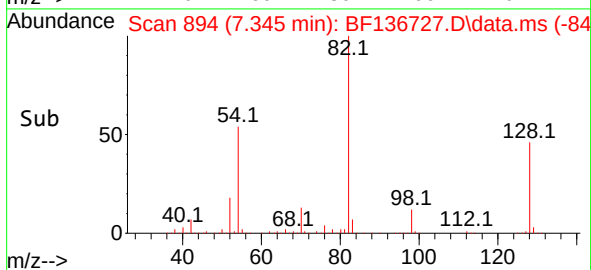
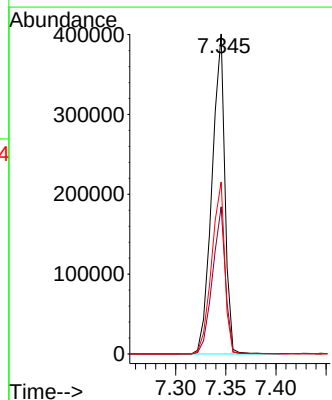
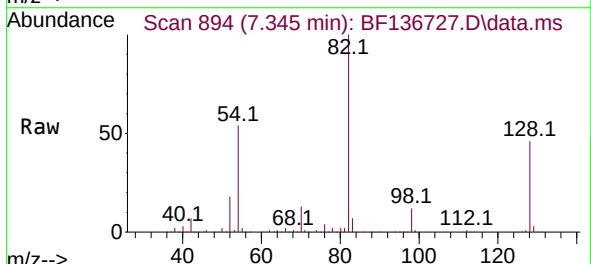
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	8.8	7.2	10.8
68	5.3	4.9	7.3

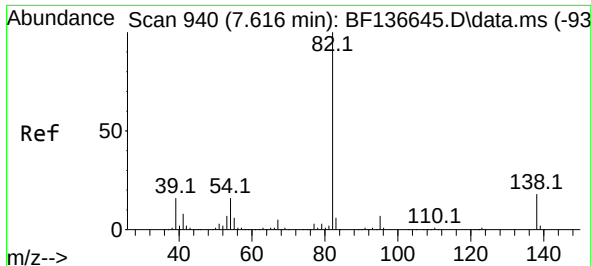


#23
Nitrobenzene-d5
Concen: 69.411 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136727.D
Acq: 26 Dec 2023 19:28

Tgt Ion: 82 Resp: 361878

Ion	Ratio	Lower	Upper
82	100		
128	46.0	35.3	52.9
54	53.7	44.5	66.7

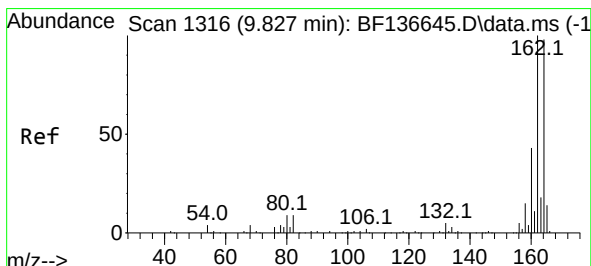
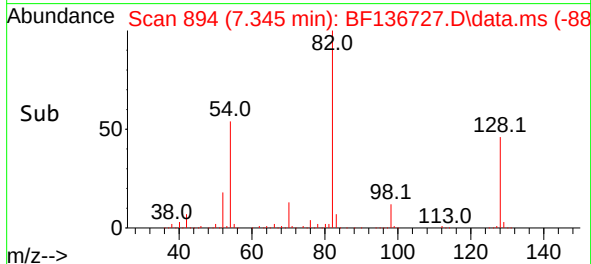
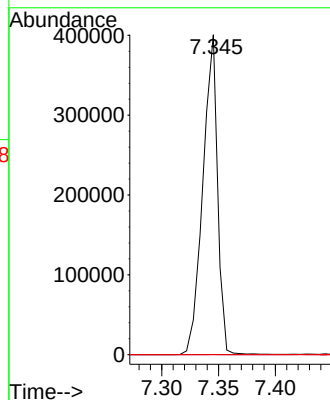
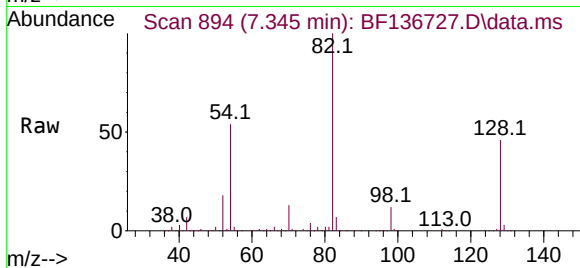




#25
Isophorone
Concen: 38.033 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF136727.D
Acq: 26 Dec 2023 19:28

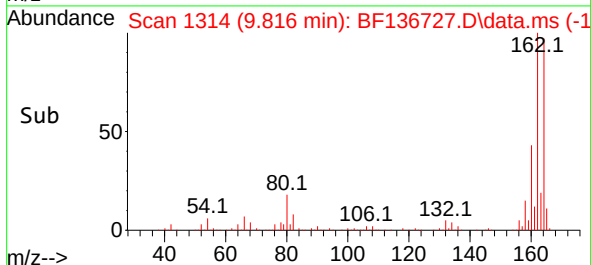
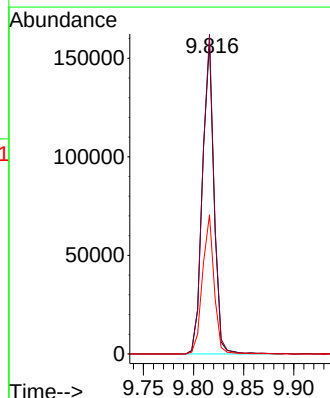
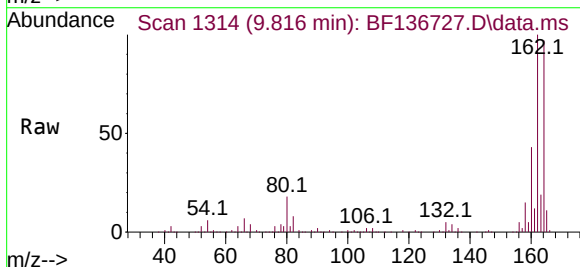
Instrument :
BNA_F
ClientSampleId :
ETGI-281

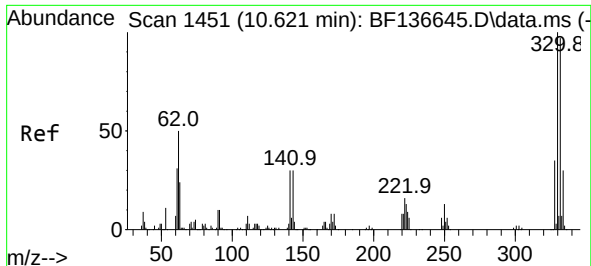
Tgt Ion: 82 Resp: 360803
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136727.D
Acq: 26 Dec 2023 19:28

Tgt Ion:164 Resp: 127263
Ion Ratio Lower Upper
164 100
162 102.6 81.6 122.4
160 44.6 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 14.848 ng

RT: 10.604 min Scan# 1451

Delta R.T. -0.018 min

Lab File: BF136727.D

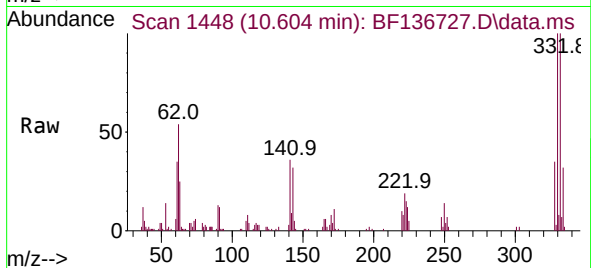
Acq: 26 Dec 2023 19:28

Instrument :

BNA_F

ClientSampleId :

ETGI-281



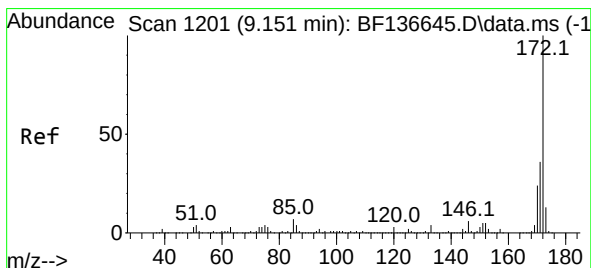
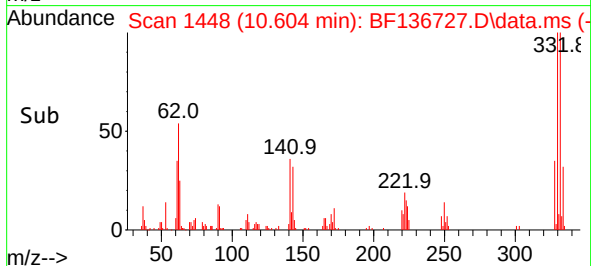
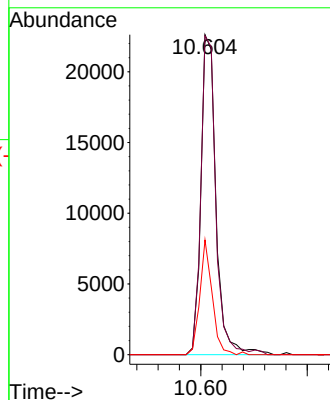
Tgt Ion:330 Resp: 22255

Ion Ratio Lower Upper

330 100

332 98.8 77.4 116.0

141 29.6 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 74.853 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136727.D

Acq: 26 Dec 2023 19:28

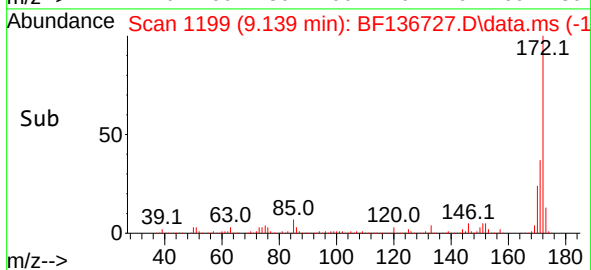
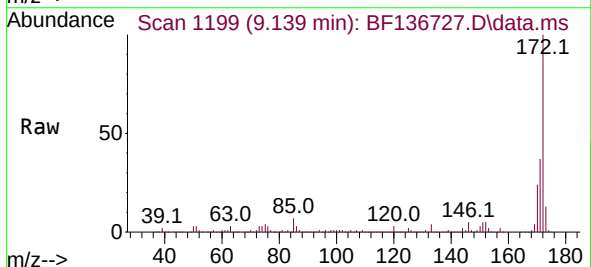
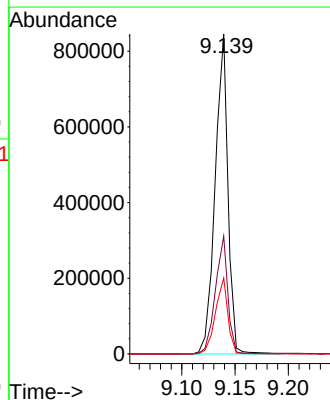
Tgt Ion:172 Resp: 708262

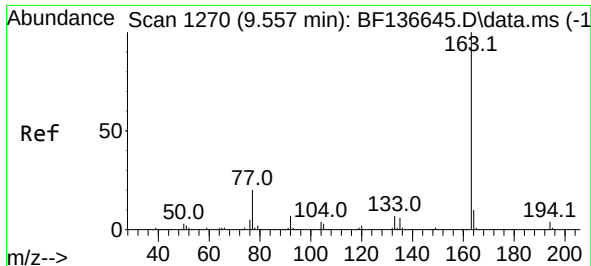
Ion Ratio Lower Upper

172 100

171 36.8 29.0 43.6

170 23.7 19.0 28.4

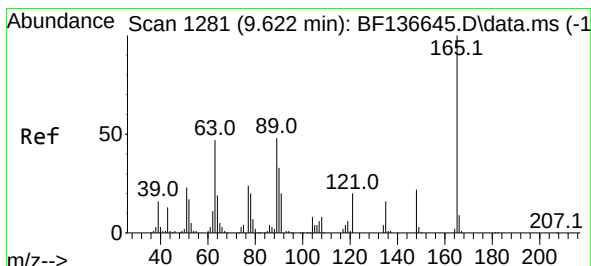
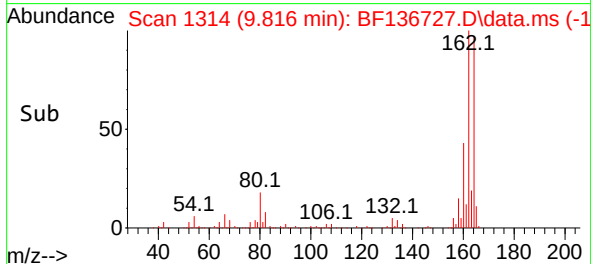
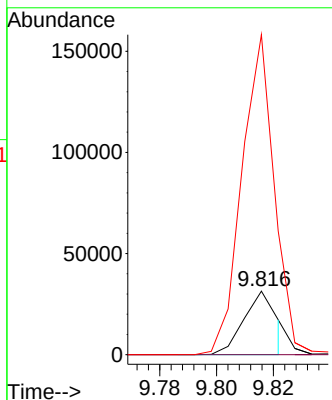
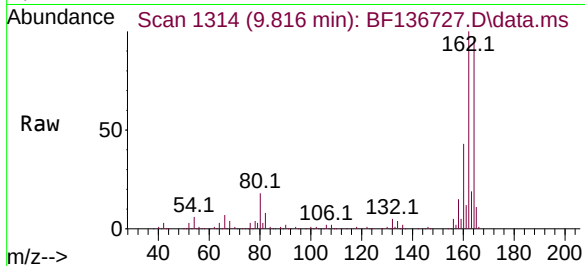




#50
Dimethylphthalate
Concen: 2.705 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136727.D
Acq: 26 Dec 2023 19:28

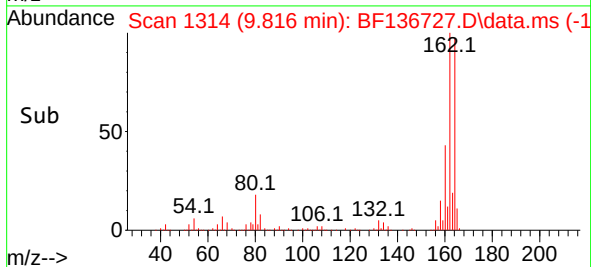
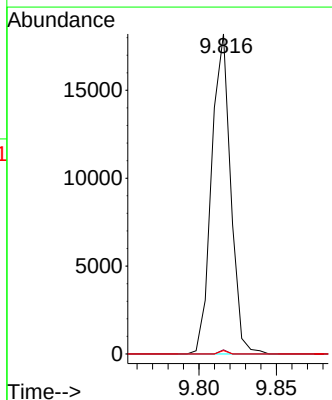
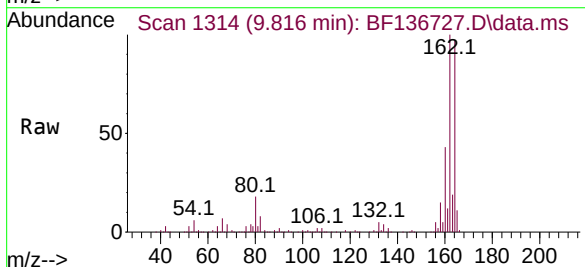
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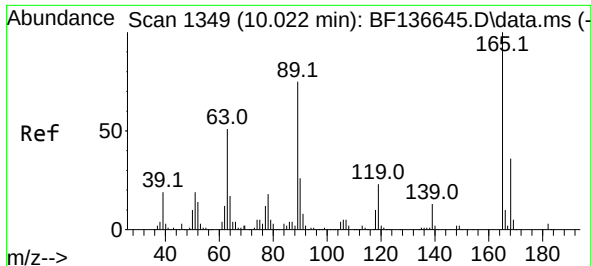
Tgt Ion:163 Resp: 25141
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 503.6 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.387 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136727.D
Acq: 26 Dec 2023 19:28

Tgt Ion:165 Resp: 15585
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.0 38.8 58.2#

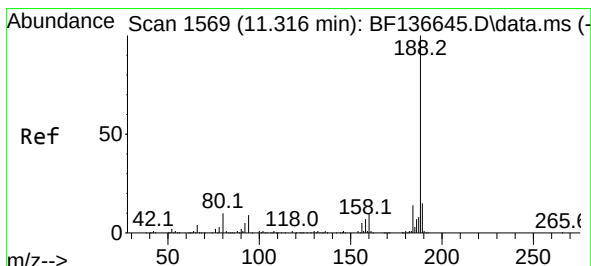
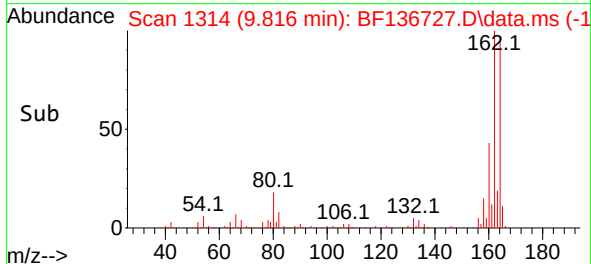
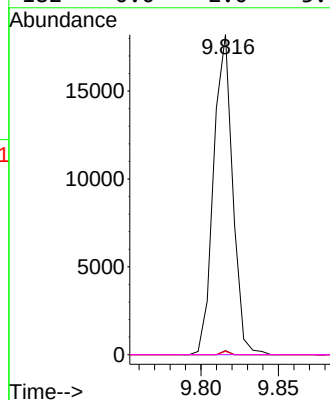
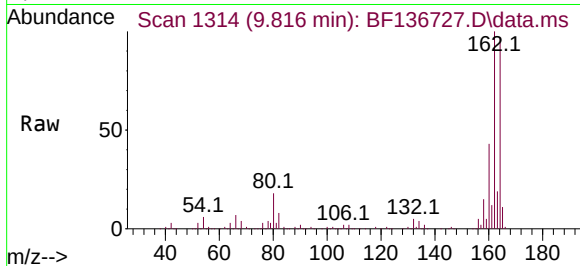




#57
2,4-Dinitrotoluene
Concen: 5.691 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136727.D
Acq: 26 Dec 2023 19:28

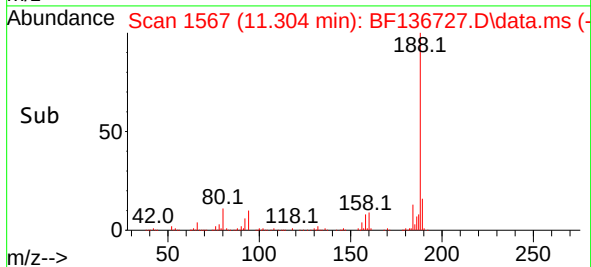
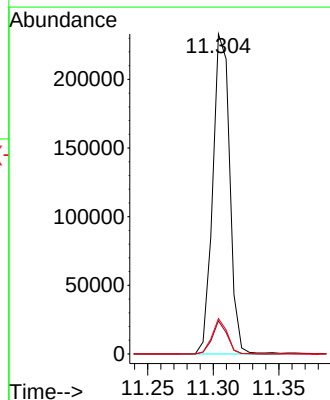
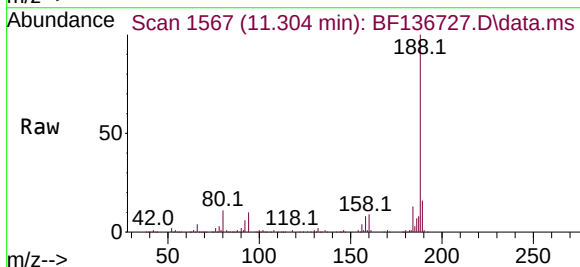
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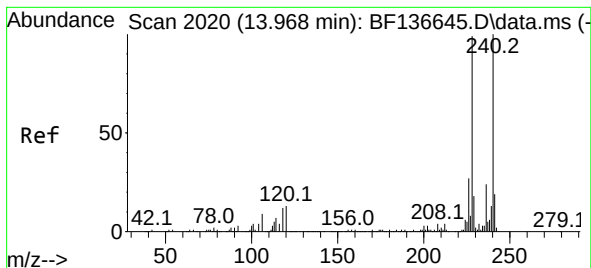
Tgt Ion:165 Resp: 15585
Ion Ratio Lower Upper
165 100
63 1.3 41.0 61.6#
89 1.0 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BF136727.D
Acq: 26 Dec 2023 19:28

Tgt Ion:188 Resp: 209455
Ion Ratio Lower Upper
188 100
94 10.3 7.5 11.3
80 11.1 8.1 12.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136727.D

Acq: 26 Dec 2023 19:28

Instrument :

BNA_F

ClientSampleId :

ETGI-281

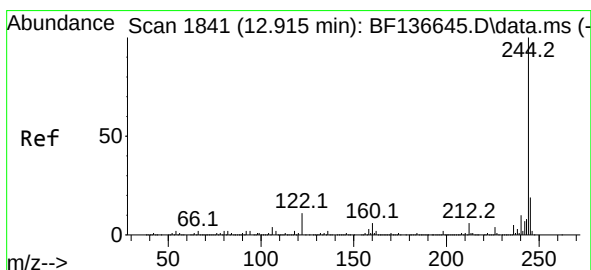
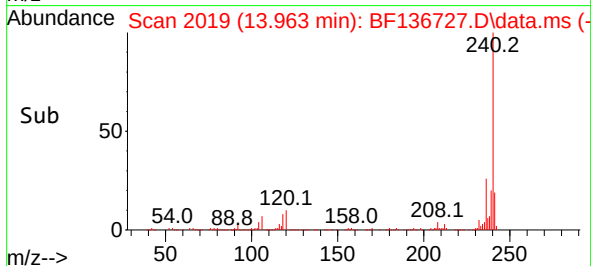
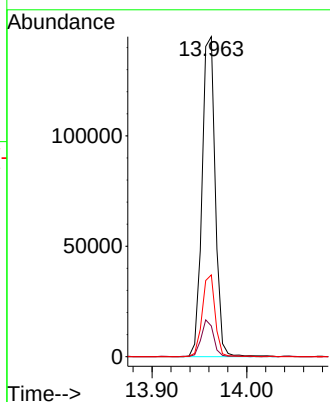
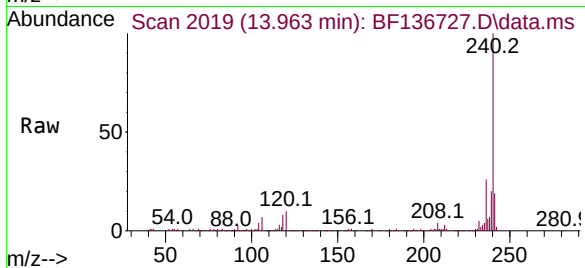
Tgt Ion:240 Resp: 140876

Ion Ratio Lower Upper

240 100

120 9.6 10.3 15.5#

236 25.5 19.4 29.2



#79

Terphenyl-d14

Concen: 61.084 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF136727.D

Acq: 26 Dec 2023 19:28

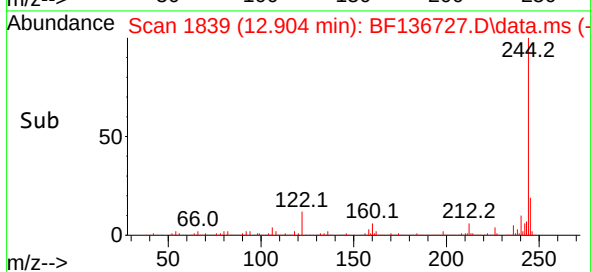
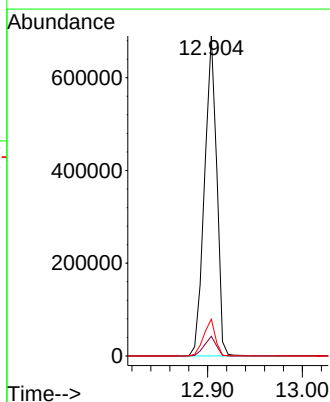
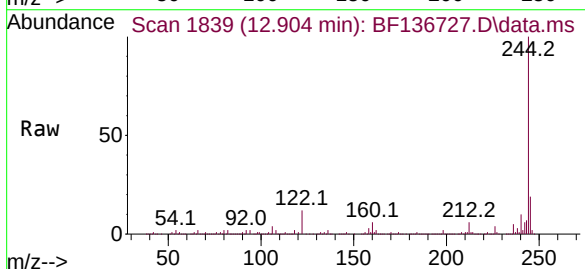
Tgt Ion:244 Resp: 615780

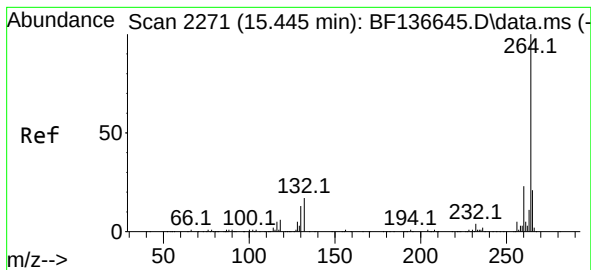
Ion Ratio Lower Upper

244 100

212 6.2 5.0 7.4

122 11.5 9.0 13.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136727.D

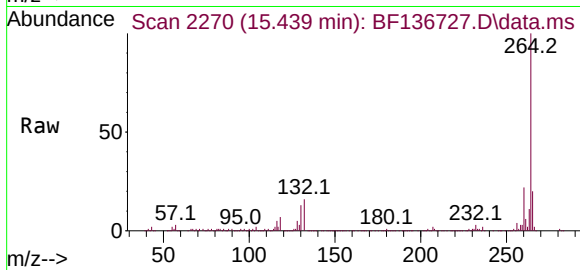
Acq: 26 Dec 2023 19:28

Instrument :

BNA_F

ClientSampleId :

ETGI-281



Tgt Ion:264 Resp: 132893

Ion Ratio Lower Upper

264 100

260 22.0 18.3 27.5

265 20.1 17.0 25.6

