

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110323\
 Data File : BF136135.D
 Acq On : 03 Nov 2023 20:42
 Operator : CG\JU
 Sample : 05213-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-293

Quant Time: Nov 04 00:12:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

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

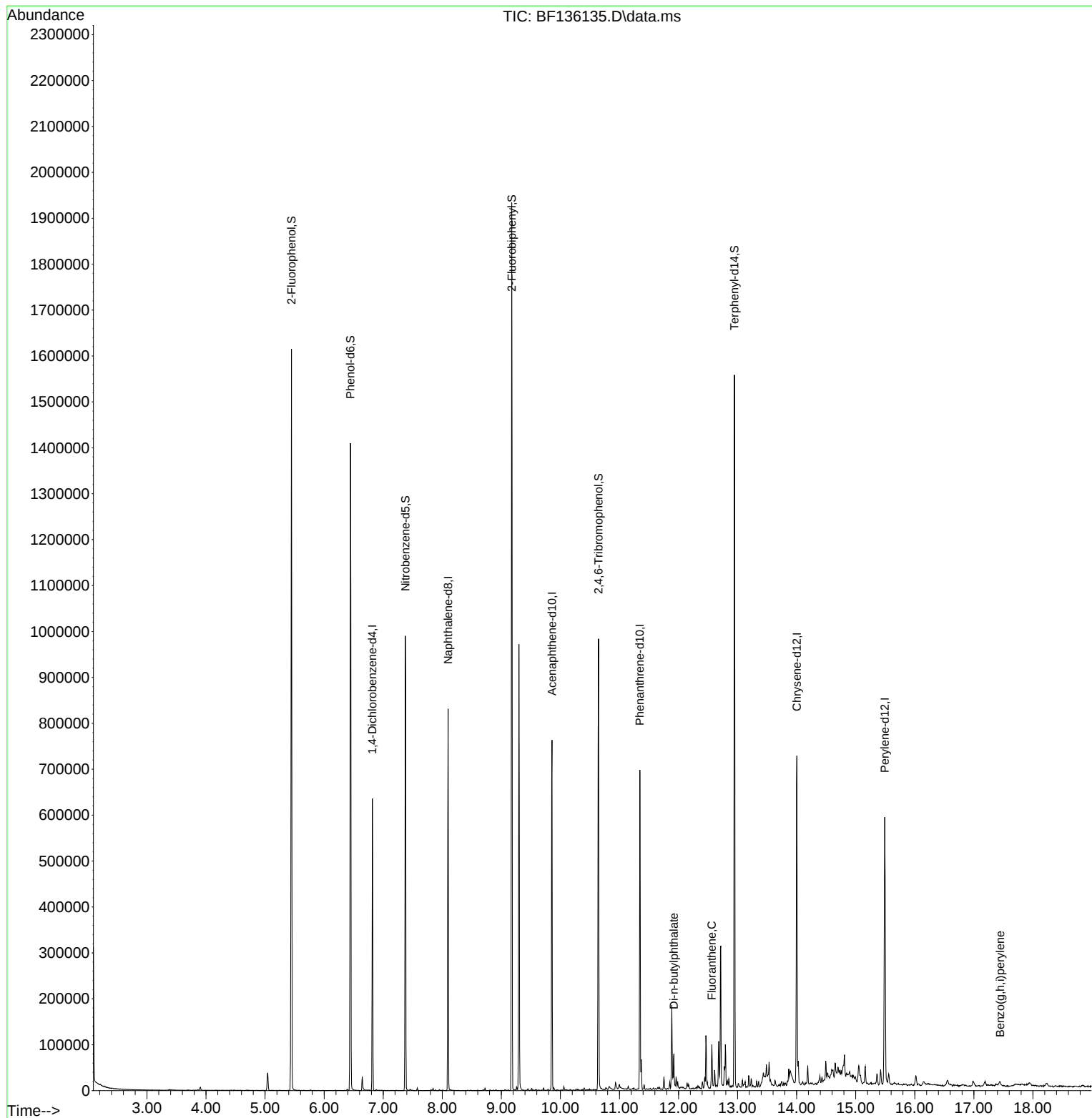
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	87206	20.000	ng	-0.01
21) Naphthalene-d8	8.098	136	321864	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	149249	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	234824	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	221590	20.000	ng	-0.01
86) Perylene-d12	15.492	264	267254	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	408590	73.626	ng	0.00
7) Phenol-d6	6.446	99	480631	69.512	ng	-0.01
23) Nitrobenzene-d5	7.375	82	302724	56.698	ng	-0.02
42) 2,4,6-Tribromophenol	10.645	330	112950	70.902	ng	-0.01
45) 2-Fluorobiphenyl	9.175	172	534257	57.063	ng	-0.01
79) Terphenyl-d14	12.945	244	511818	35.894	ng	-0.01
Target Compounds						
						Qvalue
74) Di-n-butylphthalate	11.922	149	29174	2.425	ng	98
75) Fluoranthene	12.563	202	33499	2.758	ng	95
92) Benzo(g,h,i)perylene	17.445	276	7591	3.333	ng	# 89

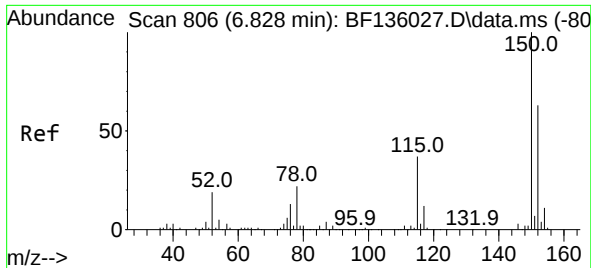
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 04 00:12:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

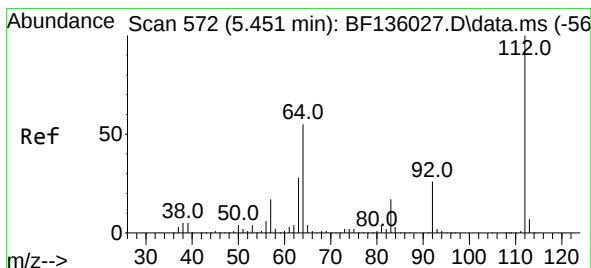
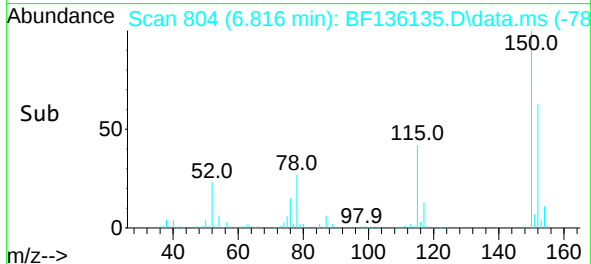
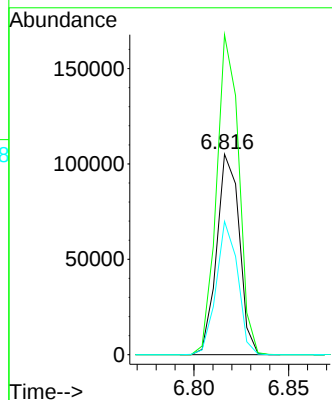
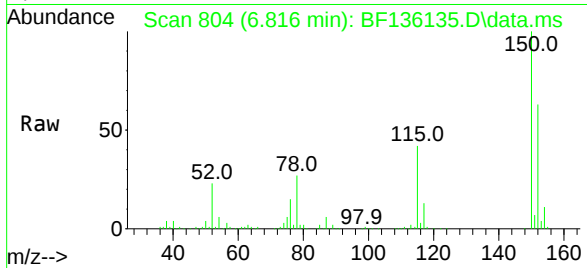




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 806
Delta R.T. -0.012 min
Lab File: BF136135.D
Acq: 03 Nov 2023 20:42

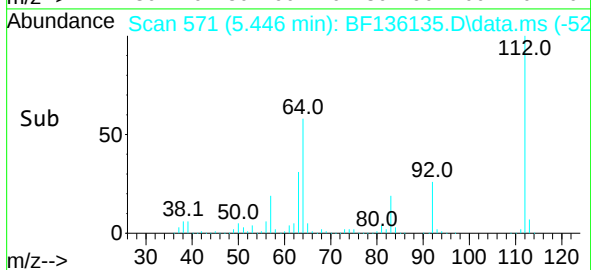
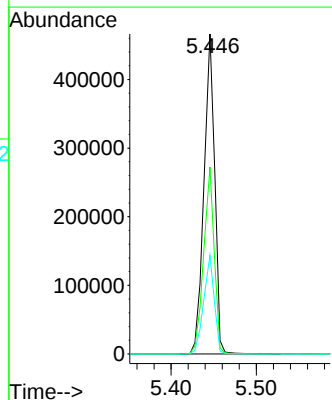
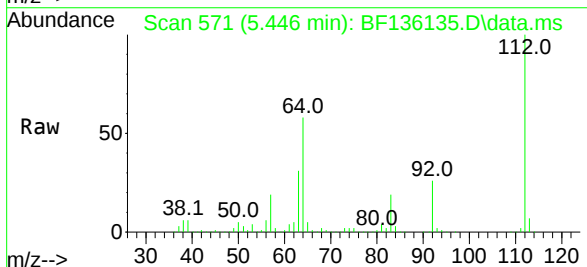
Instrument :
BNA_F
ClientSampleId :
ETGI-293

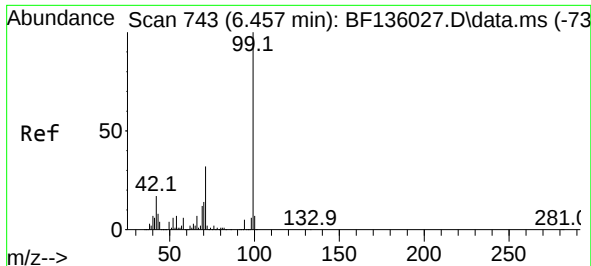
Tgt Ion:152 Resp: 87206
Ion Ratio Lower Upper
152 100
150 159.7 126.4 189.6
115 66.5 47.0 70.4



#5
2-Fluorophenol
Concen: 73.626 ng
RT: 5.446 min Scan# 571
Delta R.T. -0.006 min
Lab File: BF136135.D
Acq: 03 Nov 2023 20:42

Tgt Ion:112 Resp: 408590
Ion Ratio Lower Upper
112 100
64 58.4 43.9 65.9
63 30.9 22.4 33.6





#7

Phenol-d6

Concen: 69.512 ng

RT: 6.446 min Scan# 74

Delta R.T. -0.012 min

Lab File: BF136135.D

Acq: 03 Nov 2023 20:42

Instrument :

BNA_F

ClientSampleId :

ETGI-293

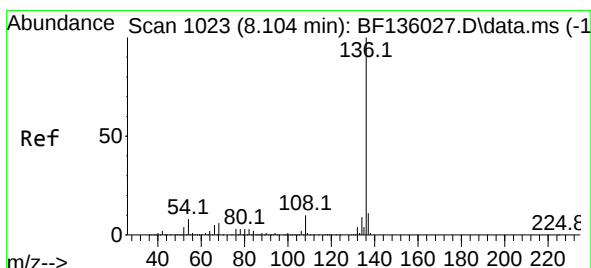
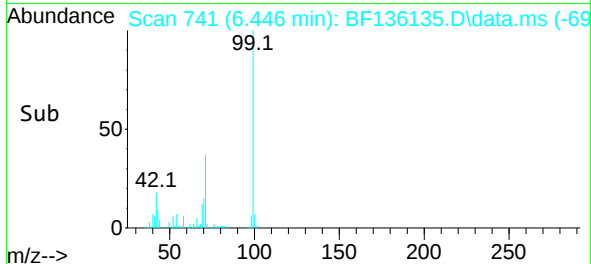
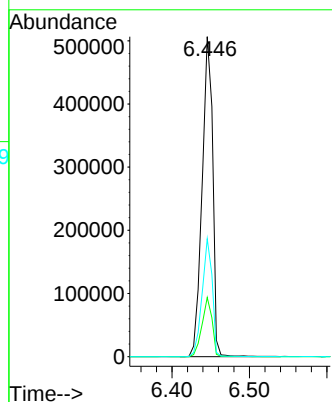
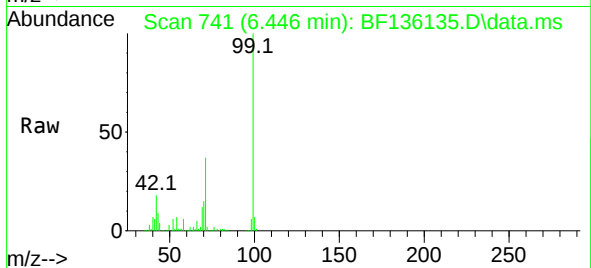
Tgt Ion: 99 Resp: 480631

Ion Ratio Lower Upper

99 100

42 18.5 13.7 20.5

71 36.9 25.9 38.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.098 min Scan# 1022

Delta R.T. -0.006 min

Lab File: BF136135.D

Acq: 03 Nov 2023 20:42

Tgt Ion: 136 Resp: 321864

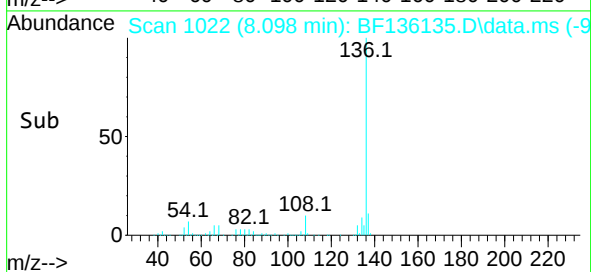
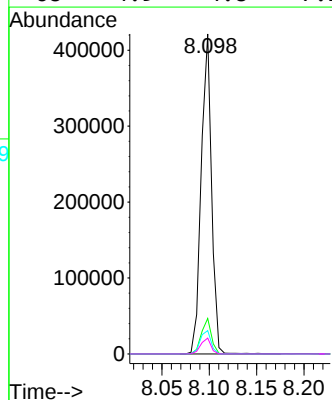
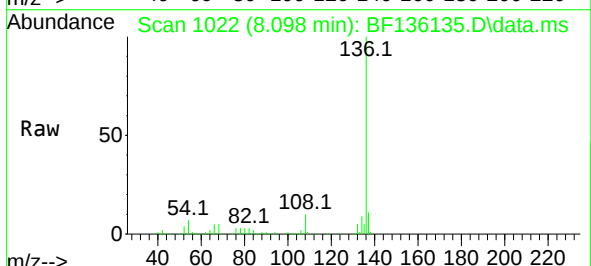
Ion Ratio Lower Upper

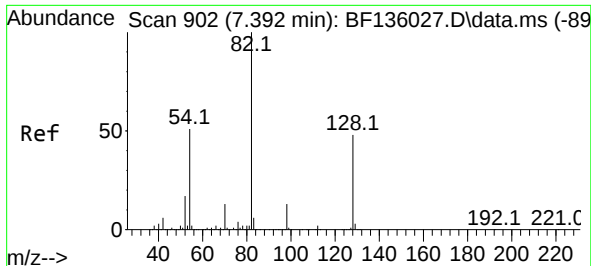
136 100

137 11.1 8.6 13.0

54 7.3 6.6 9.8

68 4.9 4.8 7.2





#23

Nitrobenzene-d5

Concen: 56.698 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.017 min

Lab File: BF136135.D

Acq: 03 Nov 2023 20:42

Instrument :

BNA_F

ClientSampleId :

ETGI-293

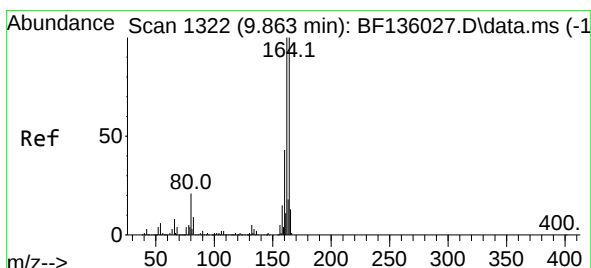
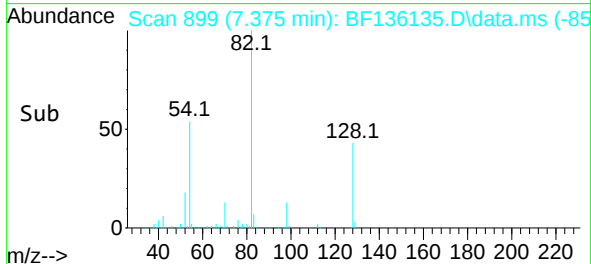
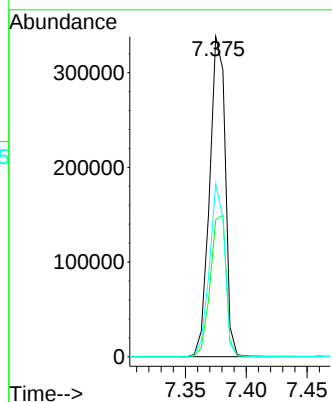
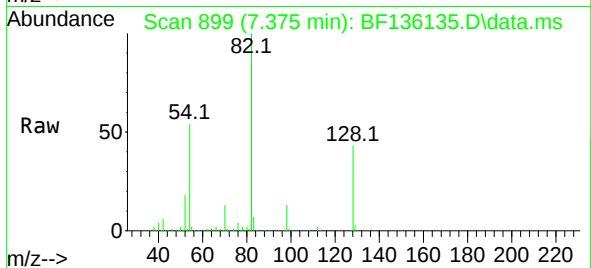
Tgt Ion: 82 Resp: 302724

Ion Ratio Lower Upper

82 100

128 42.8 38.6 57.8

54 53.9 40.8 61.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF136135.D

Acq: 03 Nov 2023 20:42

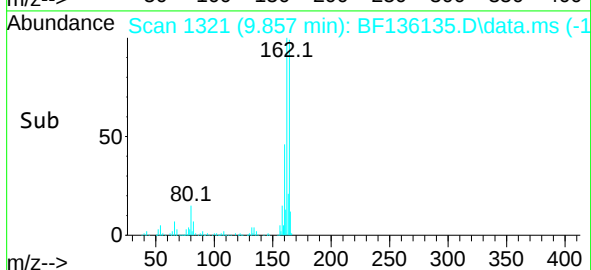
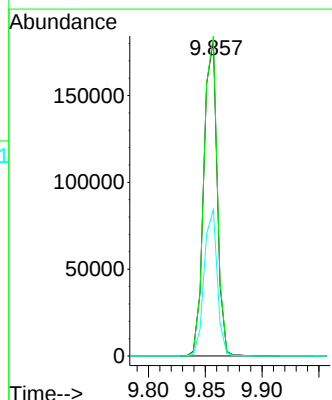
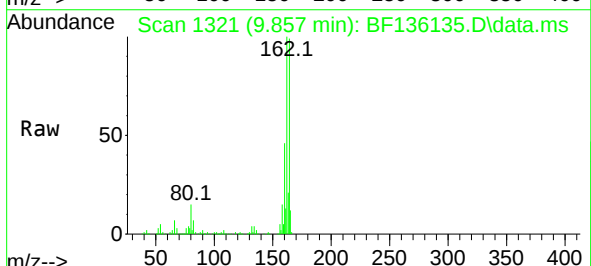
Tgt Ion:164 Resp: 149249

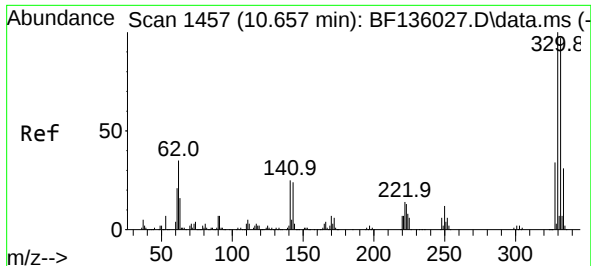
Ion Ratio Lower Upper

164 100

162 101.4 80.1 120.1

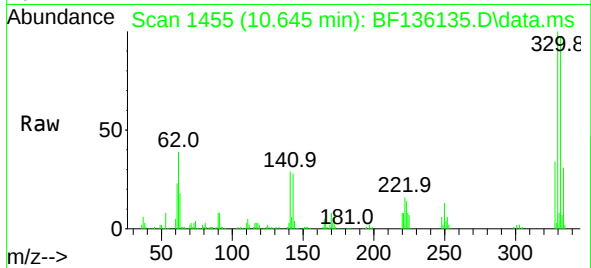
160 46.3 34.8 52.2



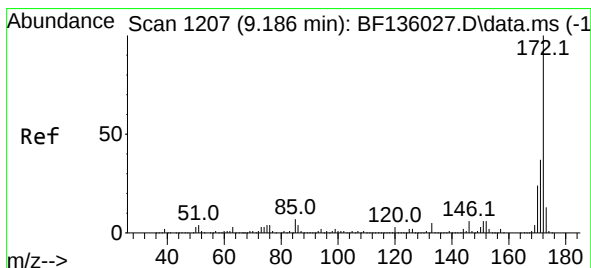
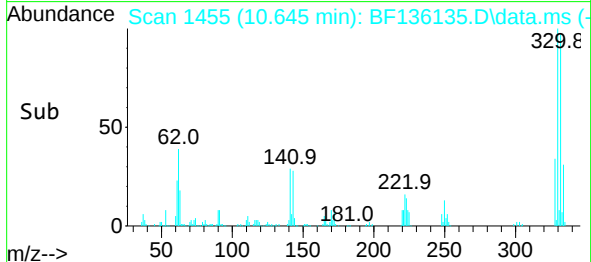
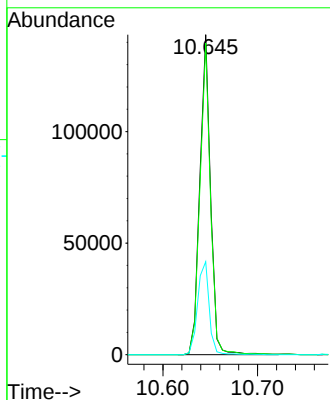


#42
 2,4,6-Tribromophenol
 Concen: 70.902 ng
 RT: 10.645 min Scan# 1455
 Delta R.T. -0.011 min
 Lab File: BF136135.D
 Acq: 03 Nov 2023 20:42

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-293

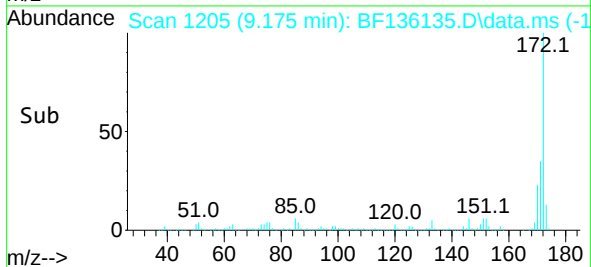
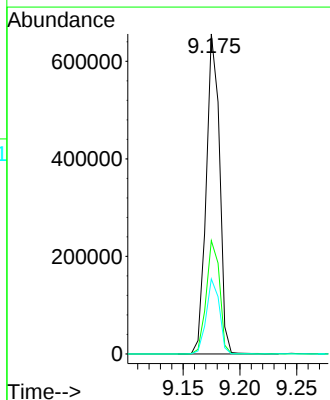
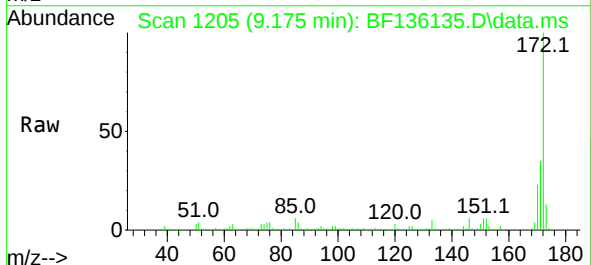


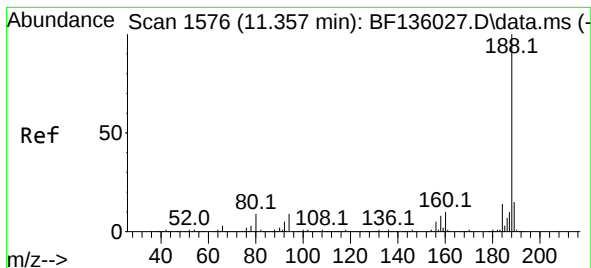
Tgt Ion:330 Resp: 112950
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.9 115.3
 141 31.4 23.2 34.8



#45
 2-Fluorobiphenyl
 Concen: 57.063 ng
 RT: 9.175 min Scan# 1205
 Delta R.T. -0.011 min
 Lab File: BF136135.D
 Acq: 03 Nov 2023 20:42

Tgt Ion:172 Resp: 534257
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.4 44.0
 170 23.4 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136135.D

Acq: 03 Nov 2023 20:42

Instrument :

BNA_F

ClientSampleId :

ETGI-293

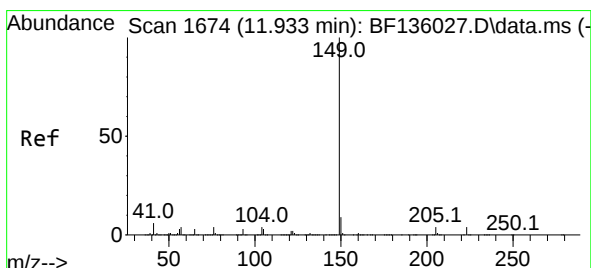
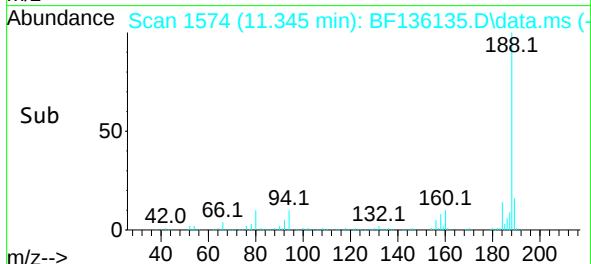
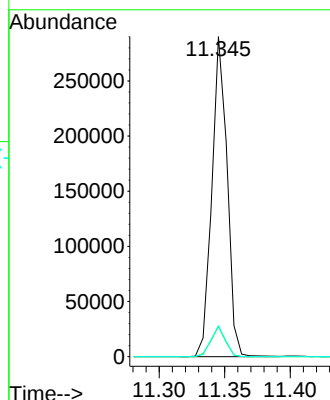
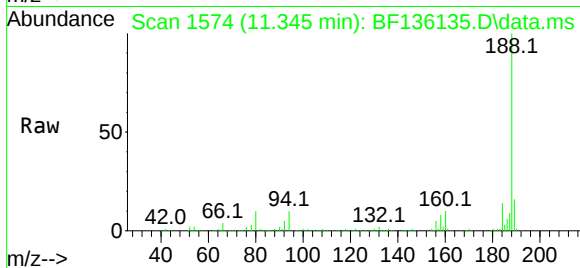
Tgt Ion:188 Resp: 234824

Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

80 9.6 7.4 11.0



#74

Di-n-butylphthalate

Concen: 2.425 ng

RT: 11.922 min Scan# 1672

Delta R.T. -0.012 min

Lab File: BF136135.D

Acq: 03 Nov 2023 20:42

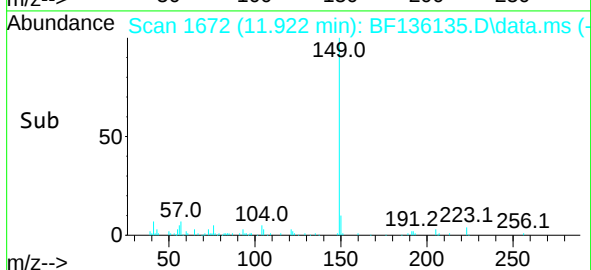
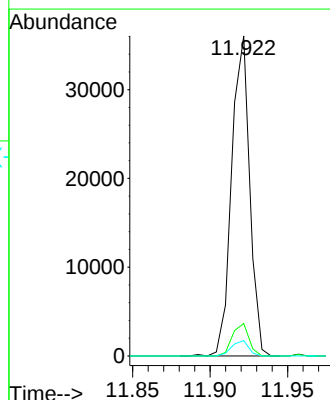
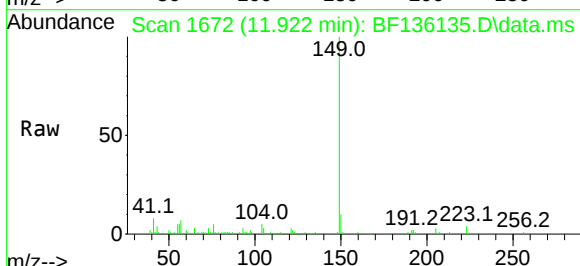
Tgt Ion:149 Resp: 29174

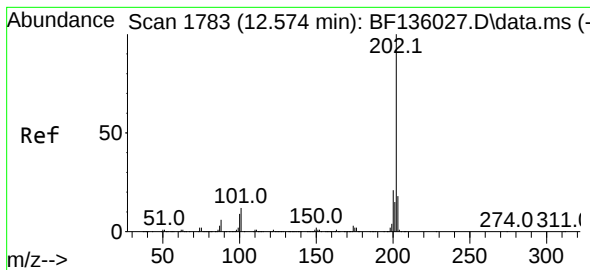
Ion Ratio Lower Upper

149 100

150 10.2 7.3 10.9

104 4.8 3.6 5.4





#75

Fluoranthene

Concen: 2.758 ng

RT: 12.563 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136135.D

Acq: 03 Nov 2023 20:42

Instrument :

BNA_F

ClientSampleId :

ETGI-293

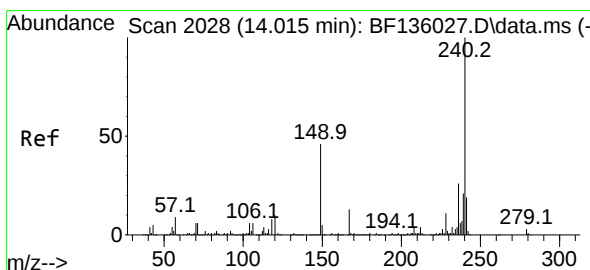
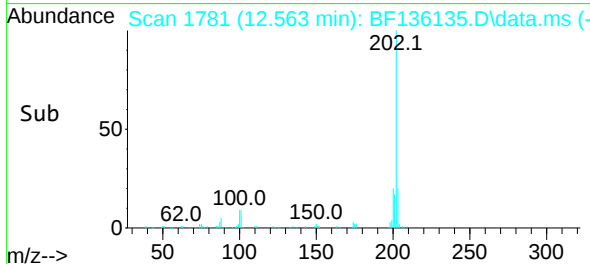
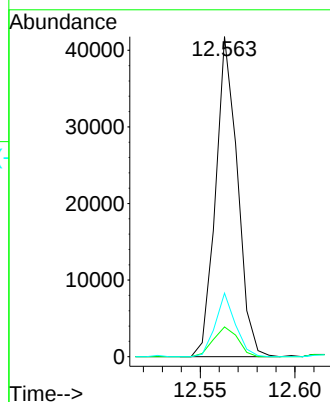
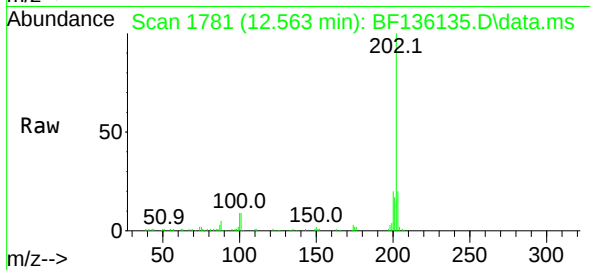
Tgt Ion:202 Resp: 33499

Ion Ratio Lower Upper

202 100

101 9.3 0.0 31.8

203 19.9 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.012 min

Lab File: BF136135.D

Acq: 03 Nov 2023 20:42

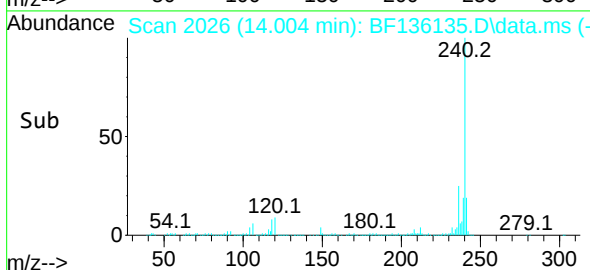
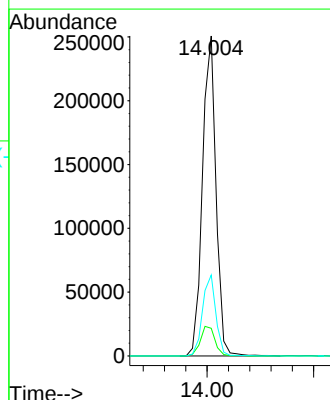
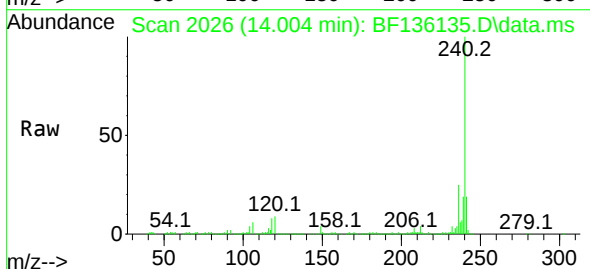
Tgt Ion:240 Resp: 221590

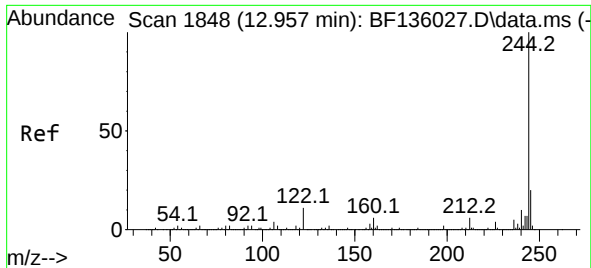
Ion Ratio Lower Upper

240 100

120 8.6 7.6 11.4

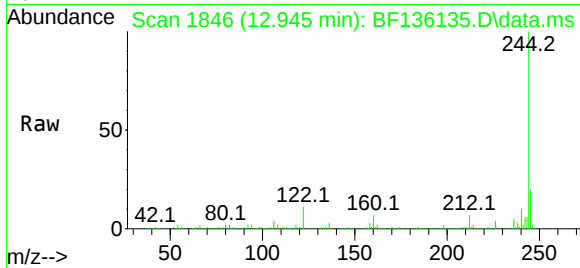
236 25.3 20.6 31.0



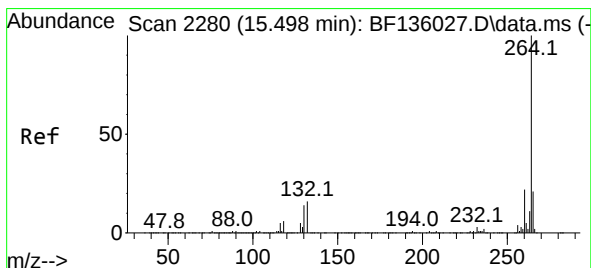
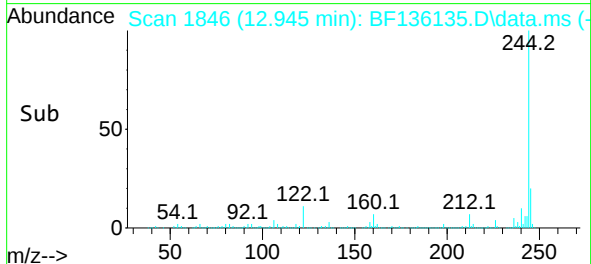
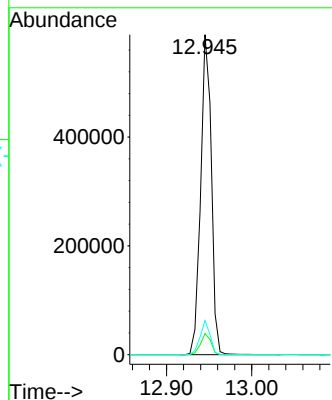


#79
 Terphenyl-d14
 Concen: 35.894 ng
 RT: 12.945 min Scan# 11
 Delta R.T. -0.011 min
 Lab File: BF136135.D
 Acq: 03 Nov 2023 20:42

Instrument :
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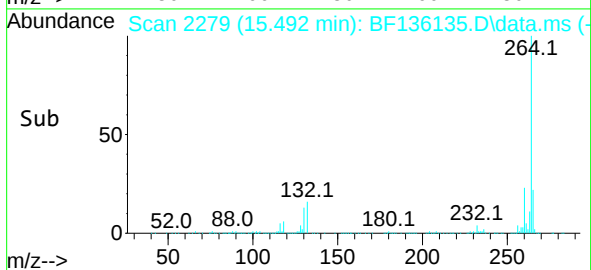
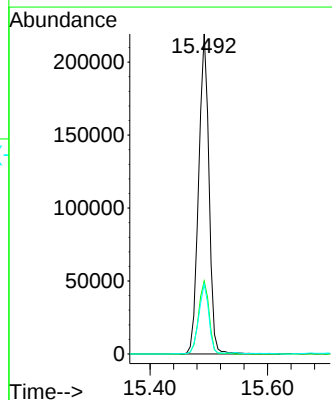
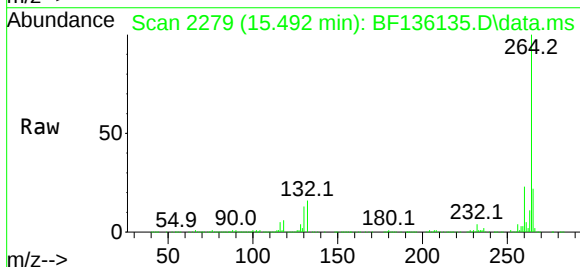


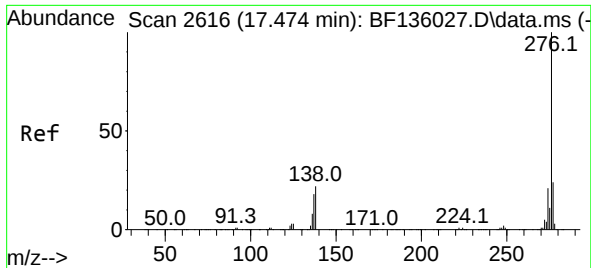
Tgt Ion:244 Resp: 511818
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 10.6 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. -0.006 min
 Lab File: BF136135.D
 Acq: 03 Nov 2023 20:42

Tgt Ion:264 Resp: 267254
 Ion Ratio Lower Upper
 264 100
 260 22.8 17.9 26.9
 265 21.8 16.8 25.2





#92
 Benzo(g,h,i)perylene
 Concen: 3.333 ng
 RT: 17.445 min Scan# 20
 Delta R.T. -0.029 min
 Lab File: BF136135.D
 Acq: 03 Nov 2023 20:42

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-293

Tgt Ion:276 Resp: 7591
 Ion Ratio Lower Upper
 276 100
 277 28.0 19.0 28.4
 138 28.3 17.4 26.2#

