

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111624\
 Data File : BF140441.D
 Acq On : 16 Nov 2024 20:11
 Operator : RC/JU
 Sample : P4857-01 50X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-328

Quant Time: Nov 18 00:10:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

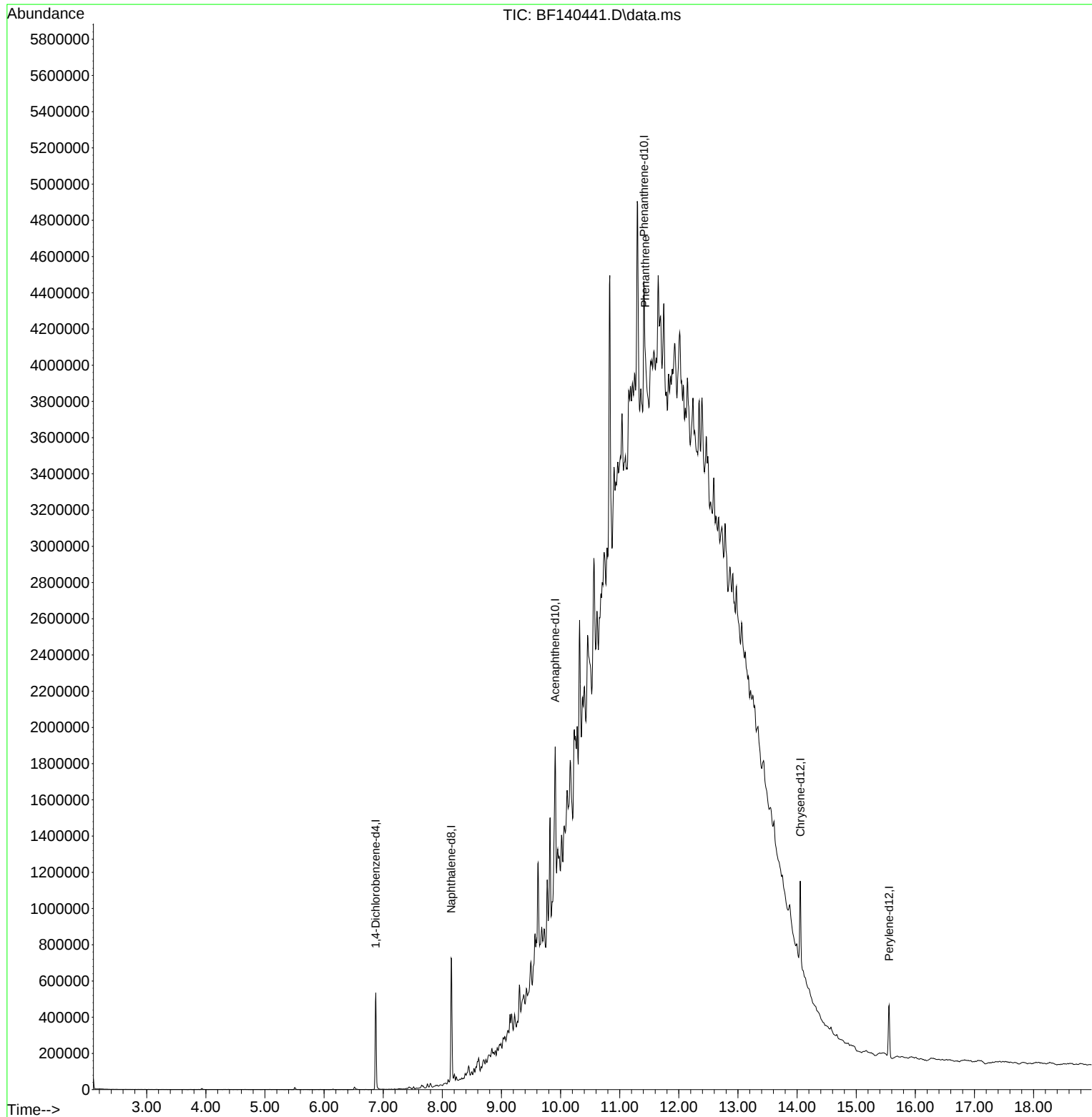
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	118975	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	445154	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	217453	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	317466	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	221472	20.000	ng	0.00
86) Perylene-d12	15.557	264	174018	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	5811	0.834	ng	0.01
7) Phenol-d6	6.516	99	8926	0.945	ng	0.01
23) Nitrobenzene-d5	7.434	82	6152	0.720	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	2396	1.108	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	17257	1.276	ng	0.00
79) Terphenyl-d14	12.992	244	15930	1.249	ng	0.00
Target Compounds						
71) Phenanthrene	11.433	178	118536	7.948	ng	# 79

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

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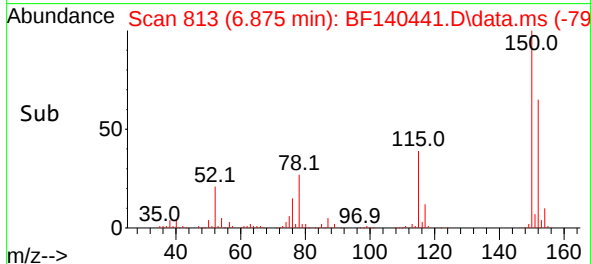
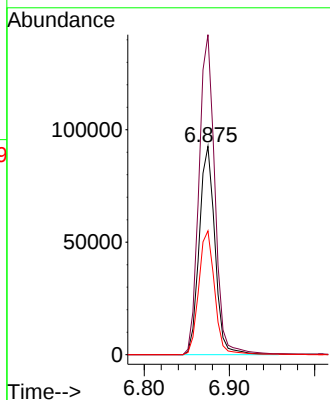
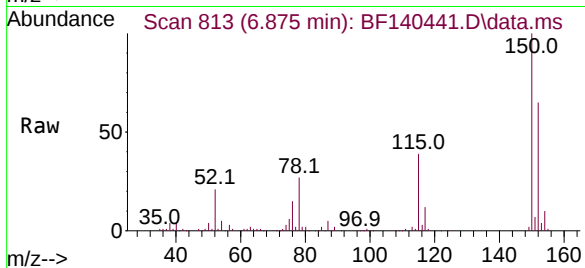




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140441.D
Acq: 16 Nov 2024 20:11

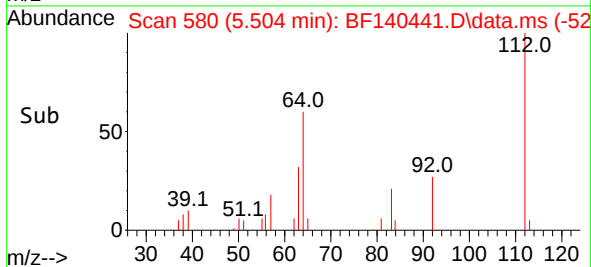
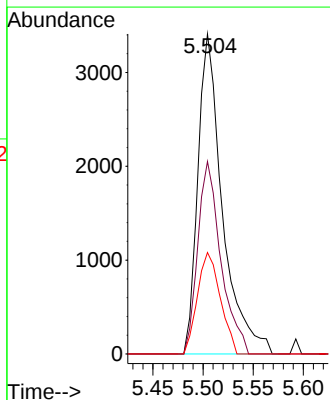
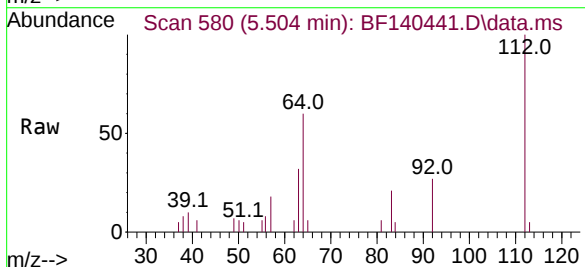
Instrument :
BNA_F
ClientSampleId :
ETGI-328

Tgt Ion:152 Resp: 118975
Ion Ratio Lower Upper
152 100
150 153.6 127.4 191.0
115 59.4 47.4 71.2



#5
2-Fluorophenol
Concen: 0.834 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140441.D
Acq: 16 Nov 2024 20:11

Tgt Ion:112 Resp: 5811
Ion Ratio Lower Upper
112 100
64 60.2 49.2 73.8
63 31.7 25.6 38.4

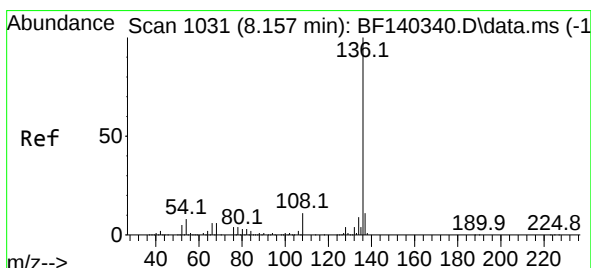
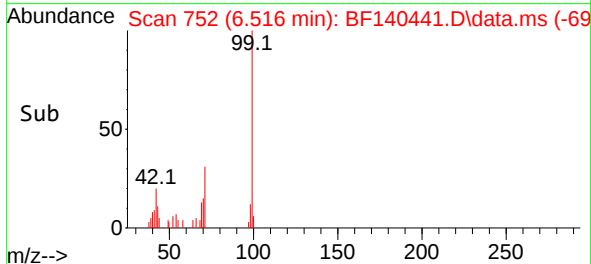
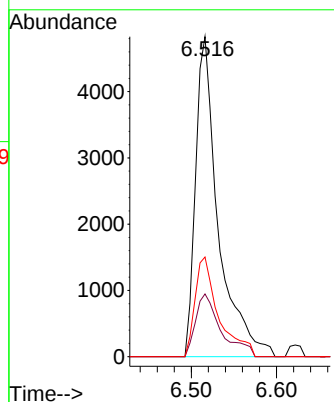
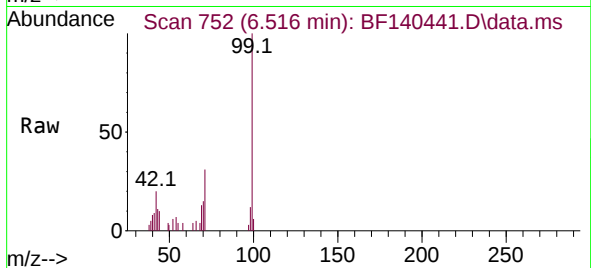




#7
Phenol-d6
Concen: 0.945 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF140441.D
Acq: 16 Nov 2024 20:11

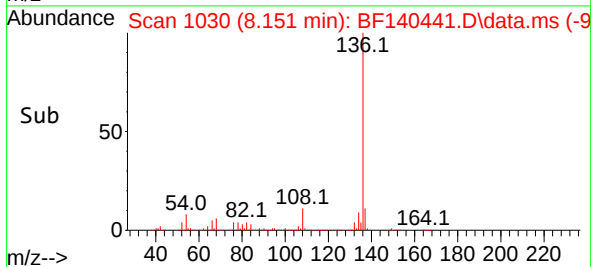
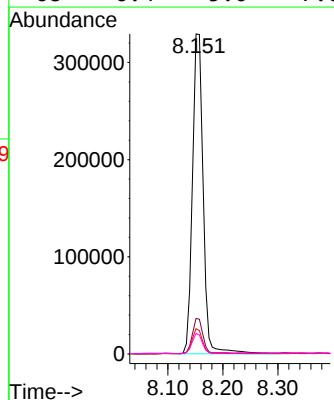
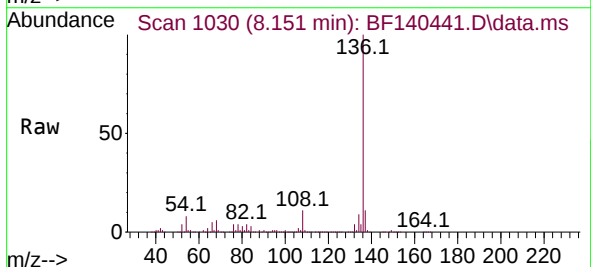
Instrument :
BNA_F
ClientSampleId :
ETGI-328

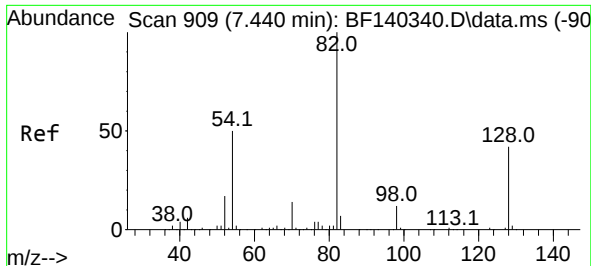
Tgt Ion: 99 Resp: 8926
Ion Ratio Lower Upper
99 100
42 19.6 15.1 22.7
71 31.2 27.9 41.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140441.D
Acq: 16 Nov 2024 20:11

Tgt Ion: 136 Resp: 445154
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 7.9 6.5 9.7
68 6.4 5.0 7.6





#23

Nitrobenzene-d5

Concen: 0.720 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140441.D

Acq: 16 Nov 2024 20:11

Instrument :

BNA_F

ClientSampleId :

ETGI-328

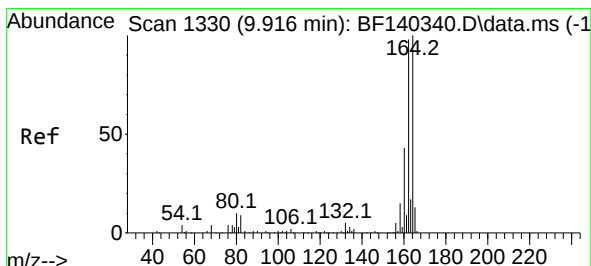
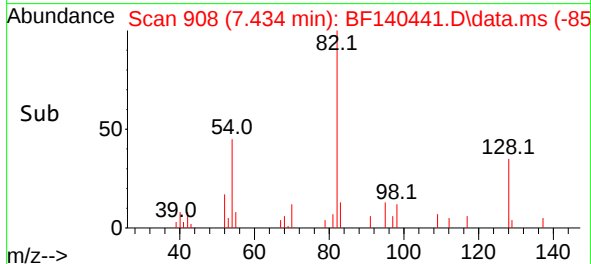
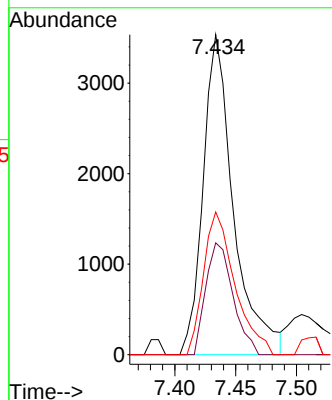
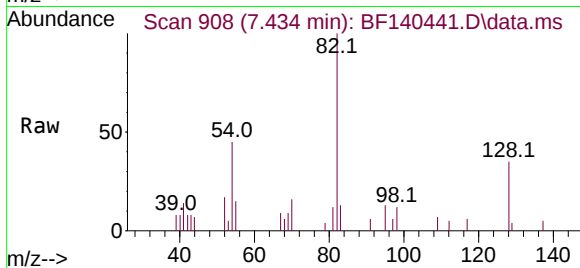
Tgt Ion: 82 Resp: 6152

Ion Ratio Lower Upper

82 100

128 34.9 33.3 49.9

54 44.6 39.8 59.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF140441.D

Acq: 16 Nov 2024 20:11

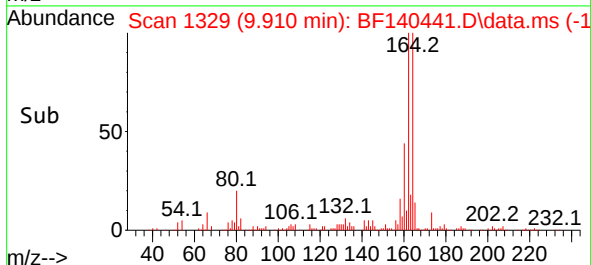
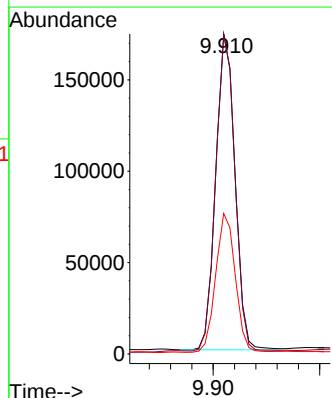
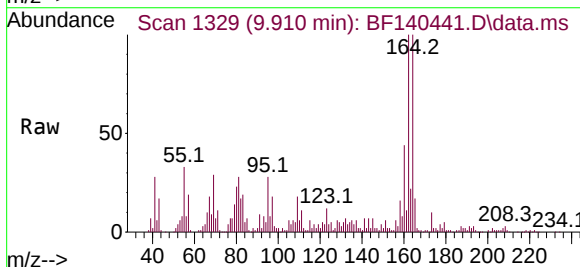
Tgt Ion:164 Resp: 217453

Ion Ratio Lower Upper

164 100

162 99.7 79.8 119.8

160 43.9 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 1.108 ng

RT: 10.710 min Scan# 1465

Delta R.T. 0.006 min

Lab File: BF140441.D

Acq: 16 Nov 2024 20:11

Instrument :

BNA_F

ClientSampleId :

ETGI-328

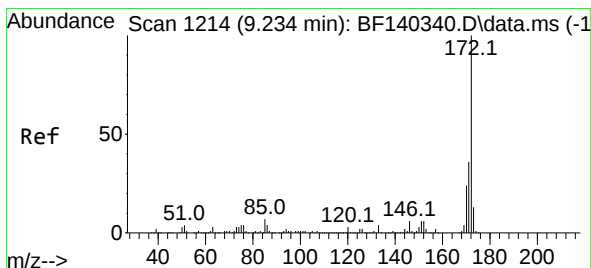
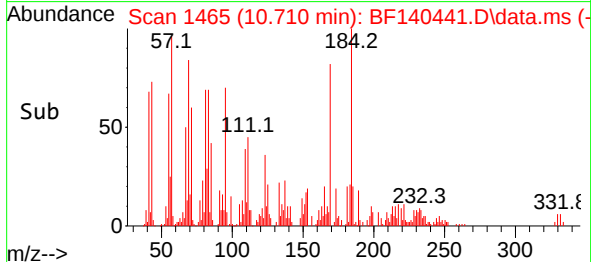
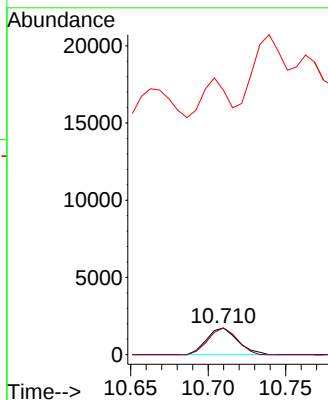
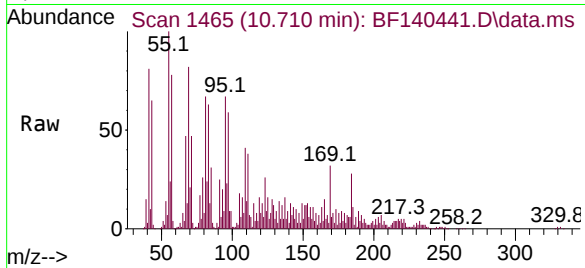
Tgt Ion:330 Resp: 2396

Ion Ratio Lower Upper

330 100

332 93.7 75.9 113.9

141 107.3 26.9 40.3#



#45

2-Fluorobiphenyl

Concen: 1.276 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140441.D

Acq: 16 Nov 2024 20:11

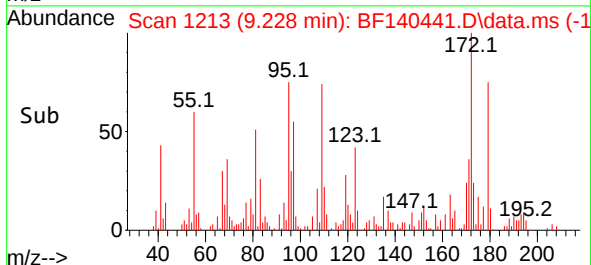
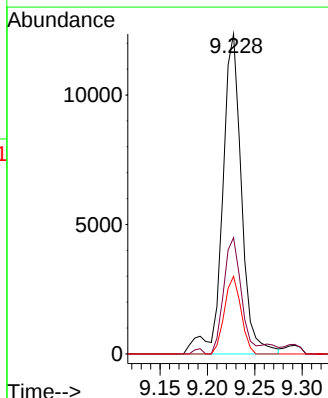
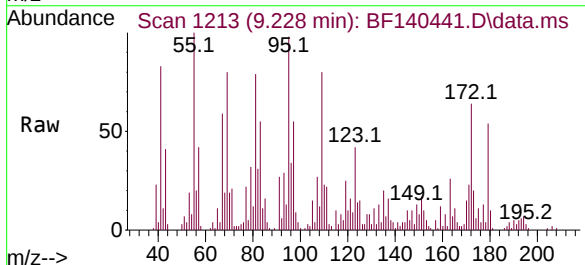
Tgt Ion:172 Resp: 17257

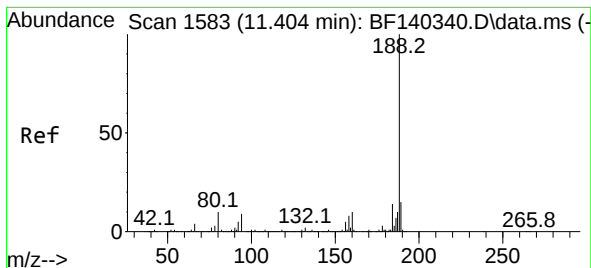
Ion Ratio Lower Upper

172 100

171 36.4 28.5 42.7

170 24.3 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140441.D

Acq: 16 Nov 2024 20:11

Instrument :

BNA_F

ClientSampleId :

ETGI-328

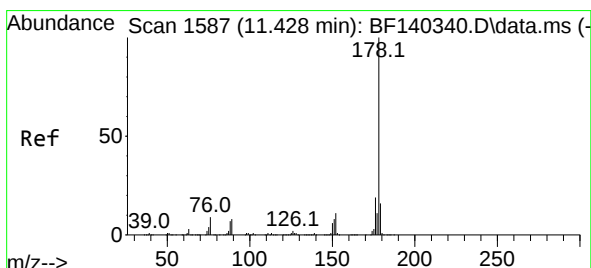
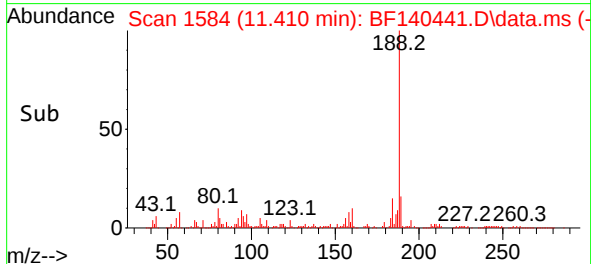
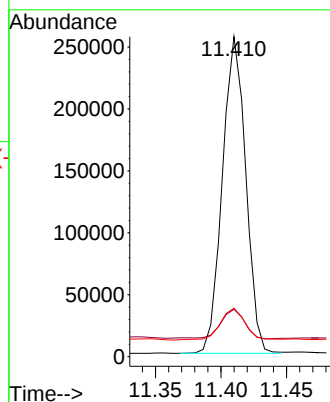
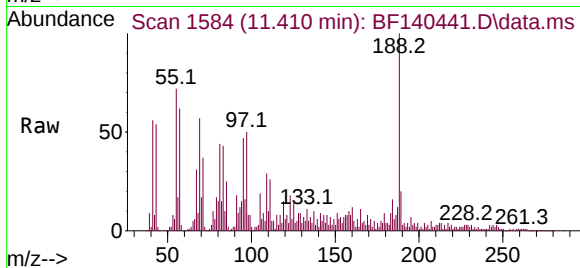
Tgt Ion:188 Resp: 317466

Ion Ratio Lower Upper

188 100

94 14.8 7.6 11.4#

80 15.1 8.0 12.0#



#71

Phenanthrene

Concen: 7.948 ng

RT: 11.433 min Scan# 1588

Delta R.T. 0.006 min

Lab File: BF140441.D

Acq: 16 Nov 2024 20:11

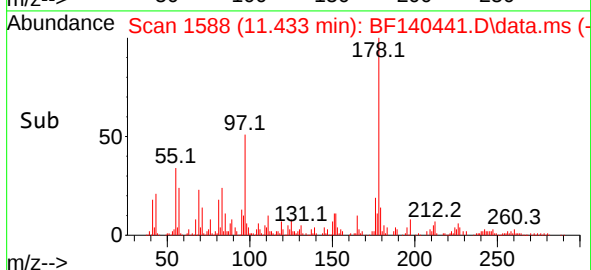
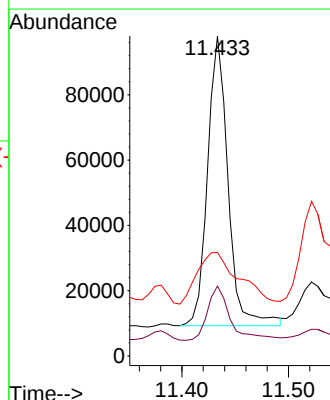
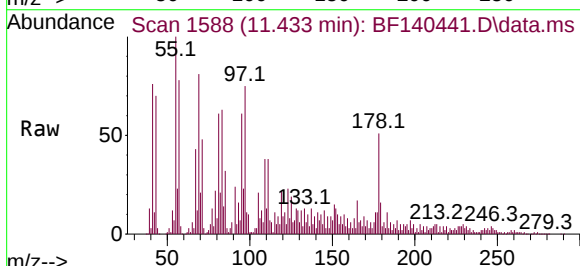
Tgt Ion:178 Resp: 118536

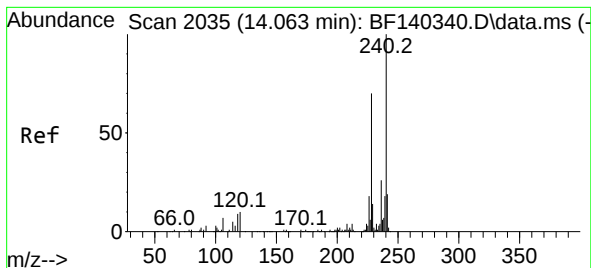
Ion Ratio Lower Upper

178 100

176 21.9 15.5 23.3

179 32.3 12.4 18.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF140441.D

Acq: 16 Nov 2024 20:11

Instrument :

BNA_F

ClientSampleId :

ETGI-328

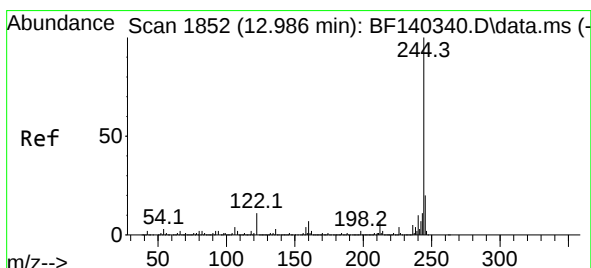
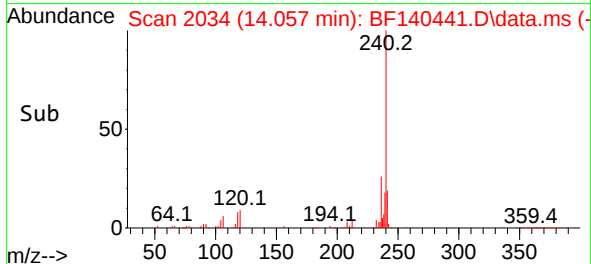
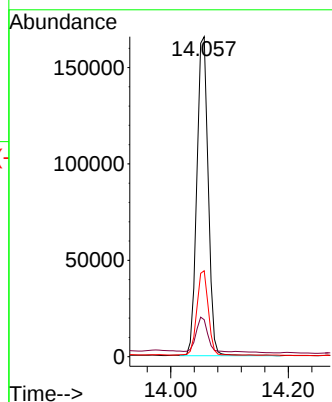
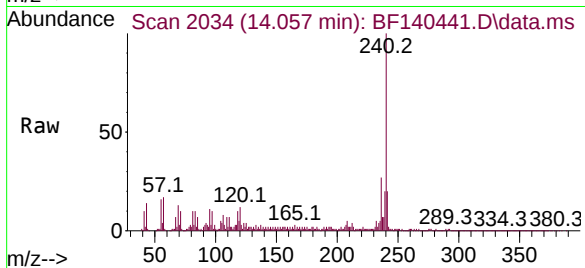
Tgt Ion:240 Resp: 221472

Ion Ratio Lower Upper

240 100

120 11.5 8.8 13.2

236 26.8 20.9 31.3



#79

Terphenyl-d14

Concen: 1.249 ng

RT: 12.992 min Scan# 1853

Delta R.T. 0.006 min

Lab File: BF140441.D

Acq: 16 Nov 2024 20:11

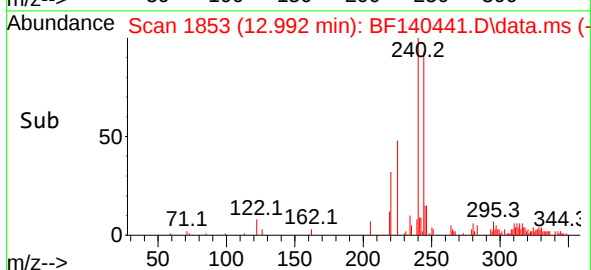
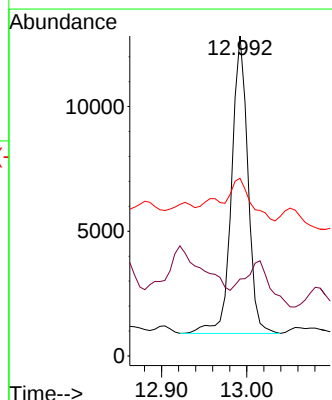
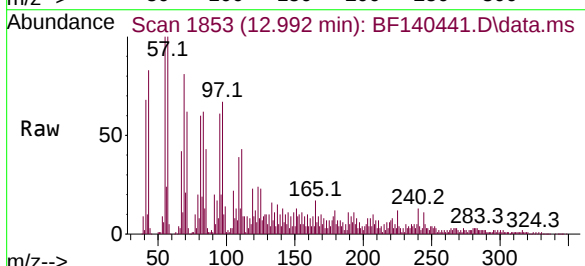
Tgt Ion:244 Resp: 15930

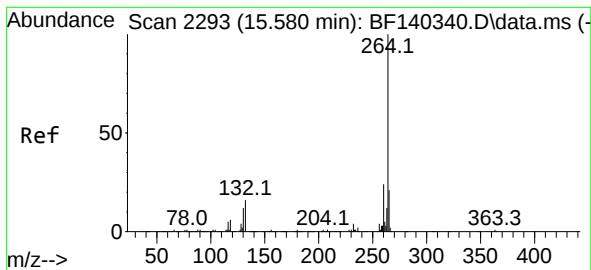
Ion Ratio Lower Upper

244 100

212 24.0 5.8 8.8#

122 55.5 8.8 13.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF140441.D
Acq: 16 Nov 2024 20:11

Instrument :
BNA_F
ClientSampleId :
ETGI-328

Tgt Ion:264 Resp: 174018

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.6	17.1	25.7

