

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
 Data File : BF141425.D
 Acq On : 04 Feb 2025 22:38
 Operator : RC/JU
 Sample : Q1262-01DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-371DL

Quant Time: Feb 05 00:35:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

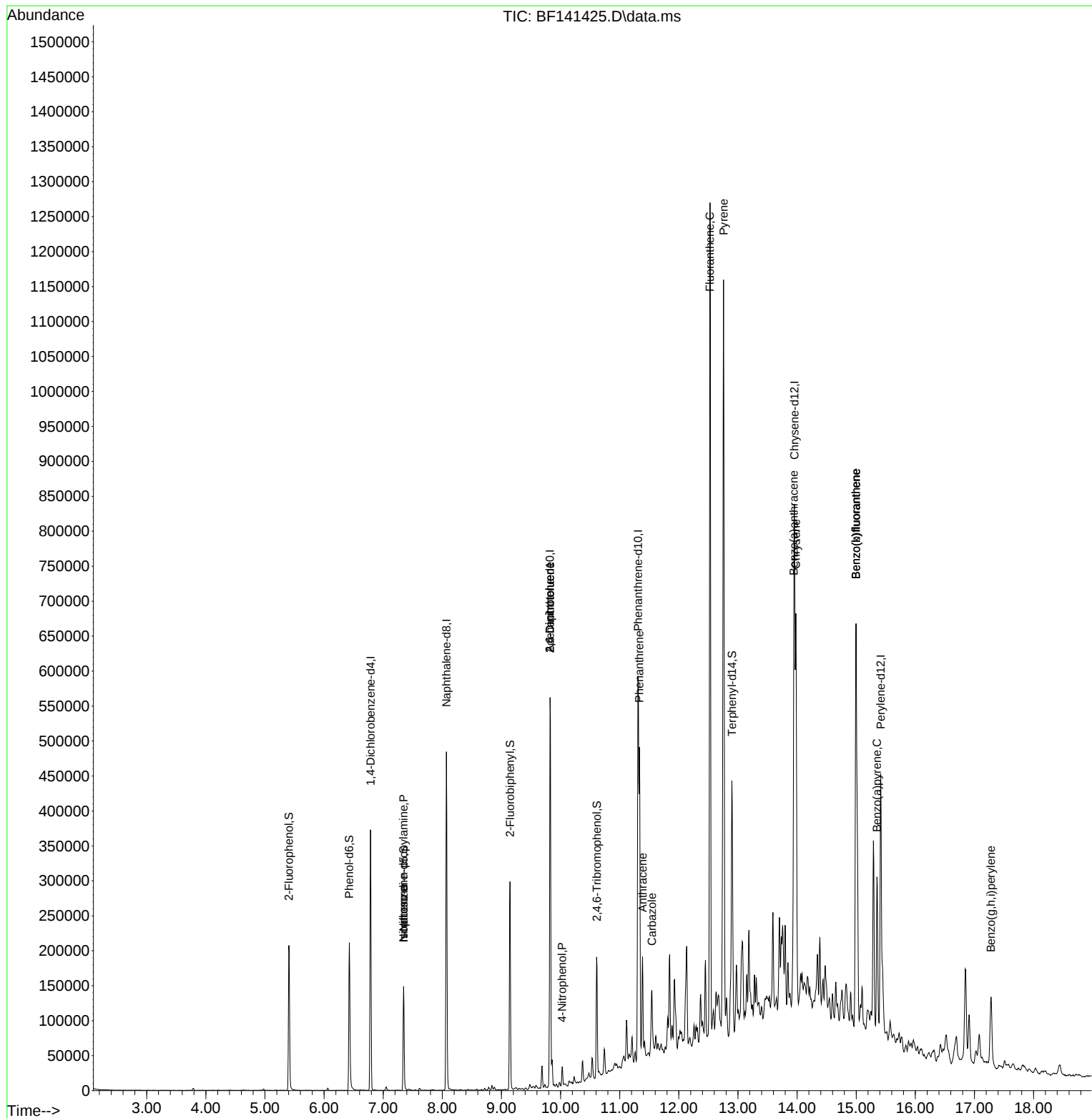
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	74154	20.000	ng	-0.02
21) Naphthalene-d8	8.069	136	297657	20.000	ng	-0.02
39) Acenaphthene-d10	9.822	164	166962	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	281181	20.000	ng	-0.02
76) Chrysene-d12	13.957	240	200969	20.000	ng	-0.02
86) Perylene-d12	15.415	264	204126	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	80144	16.592	ng	0.00
7) Phenol-d6	6.428	99	98242	15.988	ng	-0.01
23) Nitrobenzene-d5	7.345	82	62448	11.060	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	24454	15.976	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	130148	11.998	ng	-0.02
79) Terphenyl-d14	12.898	244	148382	11.386	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	8314	2.277	ng	# 81
25) Isophorone	7.345	82	60818	6.231	ng	# 64
51) 2,6-Dinitrotoluene	9.822	165	22177	8.470	ng	# 24
56) 4-Nitrophenol	10.028	139	5523	2.943	ng	# 9
57) 2,4-Dinitrotoluene	9.822	165	22177	6.542	ng	# 23
71) Phenanthrene	11.333	178	226854	15.009	ng	100
72) Anthracene	11.386	178	84391	5.698	ng	98
73) Carbazole	11.545	167	48195	3.670	ng	100
75) Fluoranthene	12.527	202	671315	44.982	ng	97
78) Pyrene	12.757	202	625917	32.446	ng	100
81) Benzo(a)anthracene	13.945	228	226607	16.340	ng	92
83) Chrysene	13.980	228	301715	23.739	ng	97
88) Benzo(b)fluoranthene	14.998	252	467045	36.374	ng	98
89) Benzo(k)fluoranthene	14.998	252	467045	41.060	ng	99
90) Benzo(a)pyrene	15.351	252	132403	12.203	ng	95
92) Benzo(g,h,i)perylene	17.280	276	86500	7.848	ng	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
Data File : BF141425.D
Acq On : 04 Feb 2025 22:38
Operator : RC/JU
Sample : Q1262-01DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-371DL

Quant Time: Feb 05 00:35:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

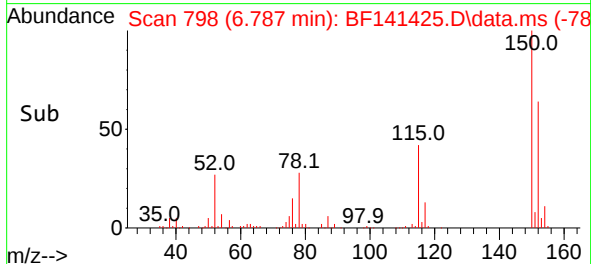
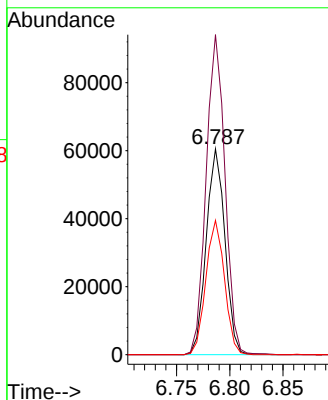
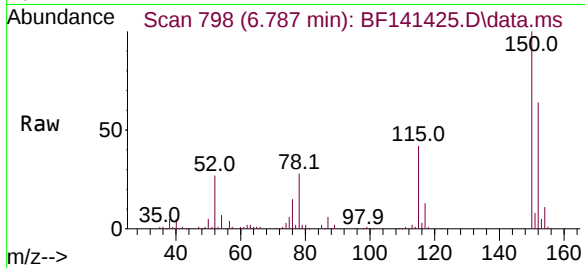




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.017 min
 Lab File: BF141425.D
 Acq: 04 Feb 2025 22:38

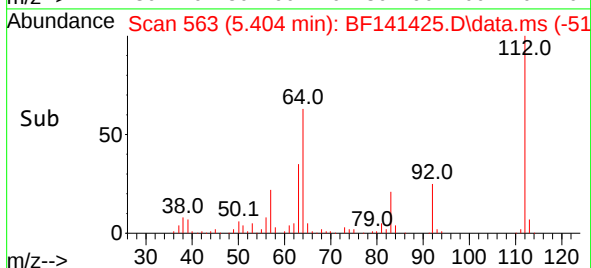
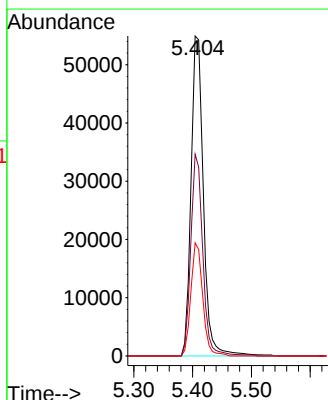
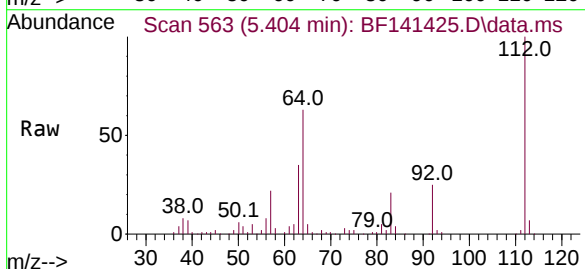
Instrument :
 BNA_F
 ClientSampleId :
 ETGI-371DL

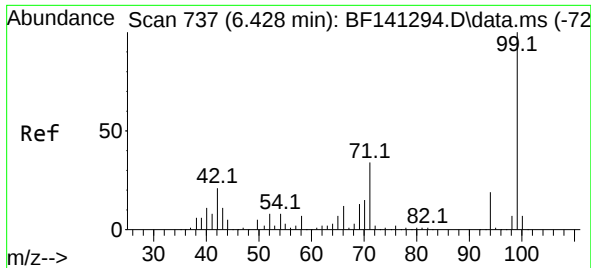
Tgt Ion:152 Resp: 74154
 Ion Ratio Lower Upper
 152 100
 150 155.6 125.9 188.9
 115 65.2 49.7 74.5



#5
 2-Fluorophenol
 Concen: 16.592 ng
 RT: 5.404 min Scan# 563
 Delta R.T. -0.006 min
 Lab File: BF141425.D
 Acq: 04 Feb 2025 22:38

Tgt Ion:112 Resp: 80144
 Ion Ratio Lower Upper
 112 100
 64 63.1 49.8 74.8
 63 35.4 26.1 39.1

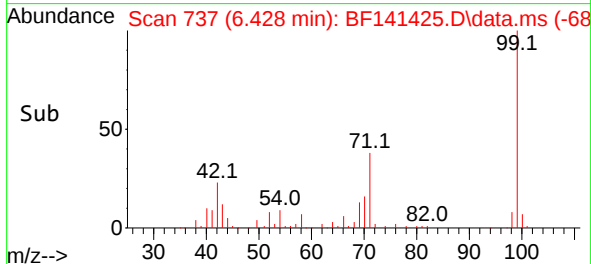
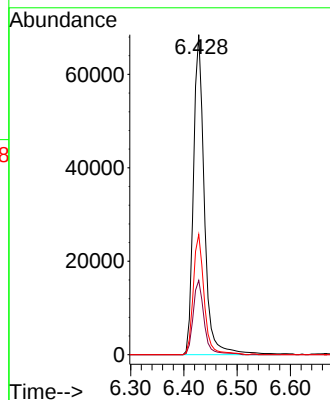
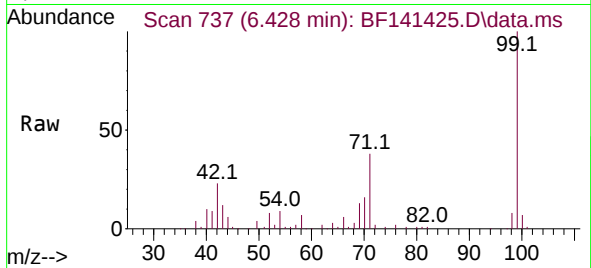




#7
Phenol-d6
Concen: 15.988 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141425.D
Acq: 04 Feb 2025 22:38

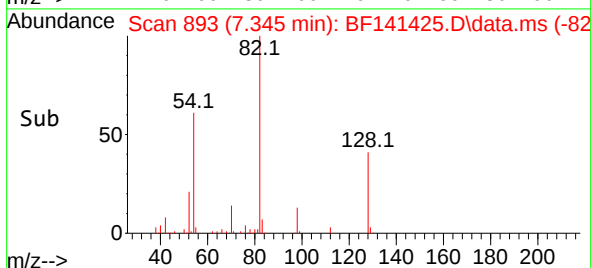
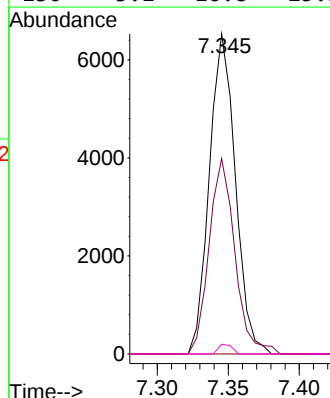
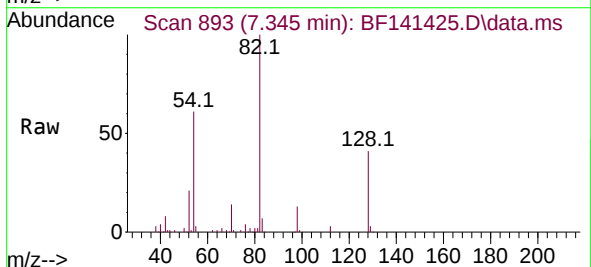
Instrument :
BNA_F
ClientSampleId :
ETGI-371DL

Tgt Ion: 99 Resp: 98242
Ion Ratio Lower Upper
99 100
42 23.2 17.1 25.7
71 37.6 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 2.277 ng
RT: 7.345 min Scan# 893
Delta R.T. 0.117 min
Lab File: BF141425.D
Acq: 04 Feb 2025 22:38

Tgt Ion: 70 Resp: 8314
Ion Ratio Lower Upper
70 100
42 61.1 56.8 85.2
101 0.0 7.7 11.5#
130 3.1 16.8 25.2#



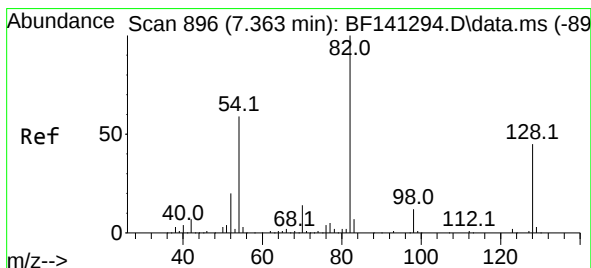
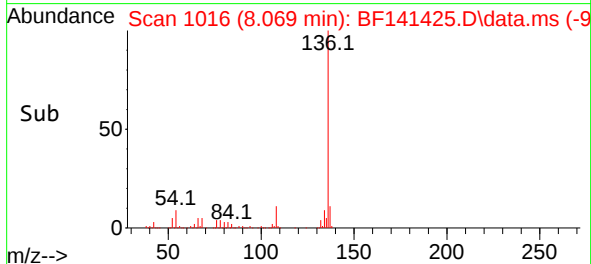
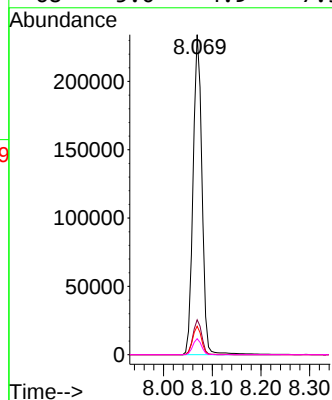
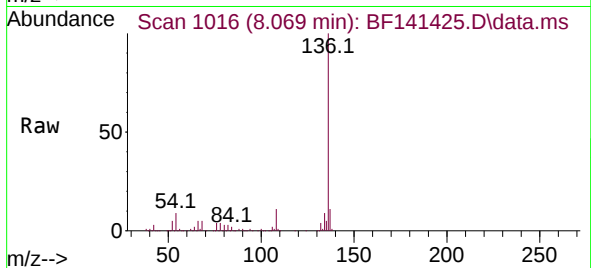


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF141425.D
Acq: 04 Feb 2025 22:38

Instrument :
BNA_F
ClientSampleId :
ETGI-371DL

Tgt Ion:136 Resp: 297657

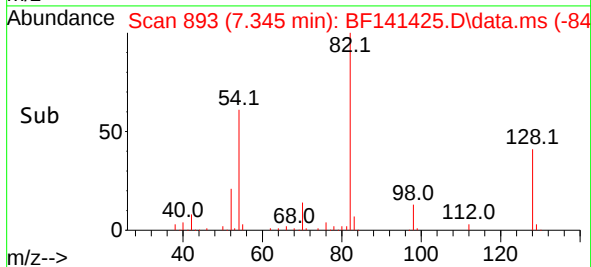
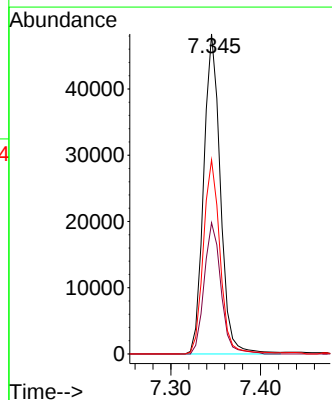
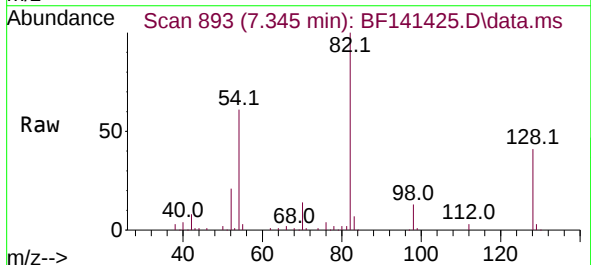
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.9	7.8	11.8
68	5.0	4.9	7.3



#23
Nitrobenzene-d5
Concen: 11.060 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.024 min
Lab File: BF141425.D
Acq: 04 Feb 2025 22:38

Tgt Ion: 82 Resp: 62448

Ion	Ratio	Lower	Upper
82	100		
128	41.0	35.7	53.5
54	60.6	47.1	70.7

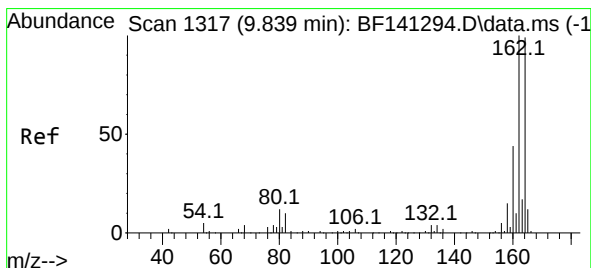
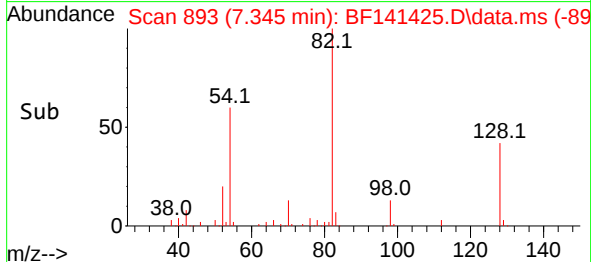
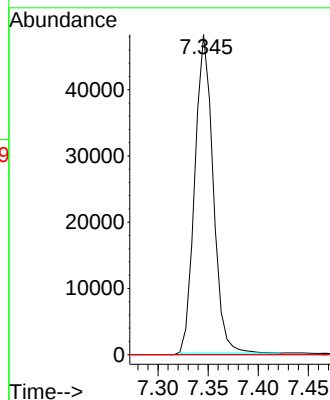
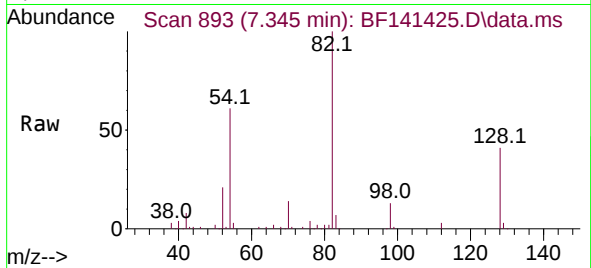




#25
Isophorone
Concen: 6.231 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.282 min
Lab File: BF141425.D
Acq: 04 Feb 2025 22:38

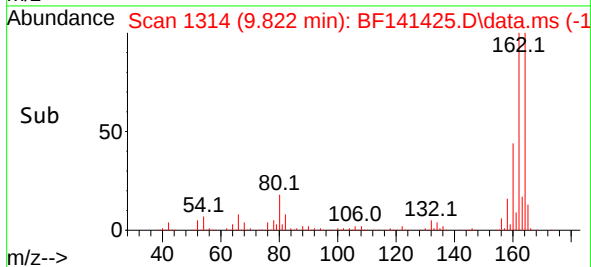
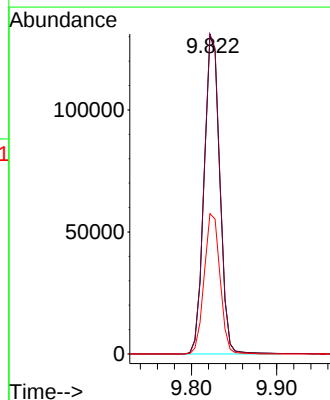
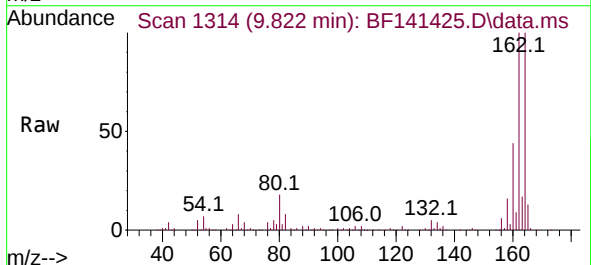
Instrument :
BNA_F
ClientSampleId :
ETGI-371DL

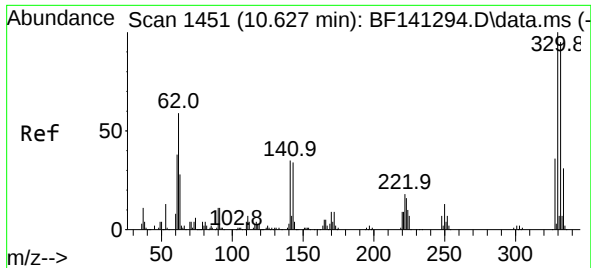
Tgt Ion: 82 Resp: 60818
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.018 min
Lab File: BF141425.D
Acq: 04 Feb 2025 22:38

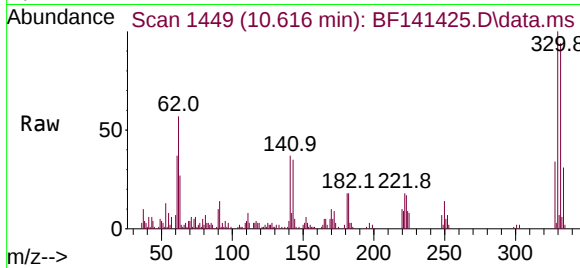
Tgt Ion:164 Resp: 166962
Ion Ratio Lower Upper
164 100
162 100.4 80.6 121.0
160 44.1 35.8 53.6



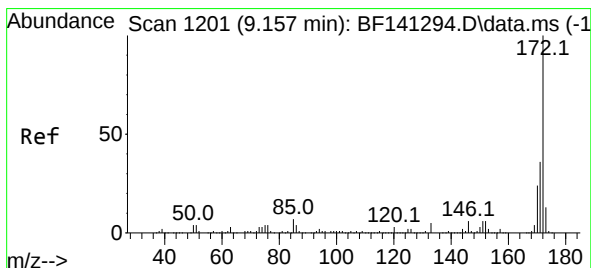
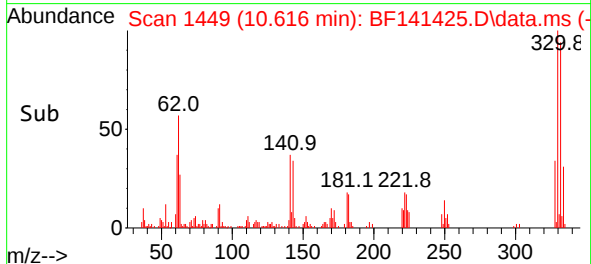
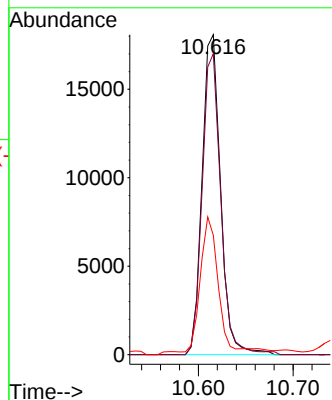


#42
2,4,6-Tribromophenol
Concen: 15.976 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.018 min
Lab File: BF141425.D
Acq: 04 Feb 2025 22:38

Instrument :
BNA_F
ClientSampleId :
ETGI-371DL

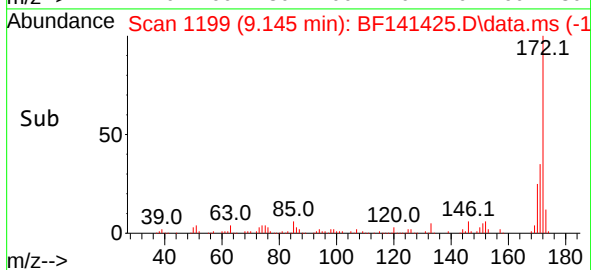
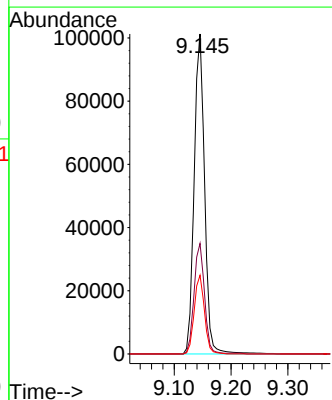
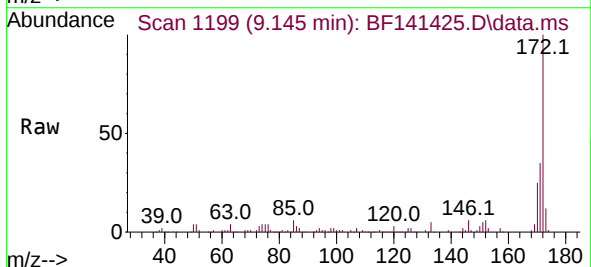


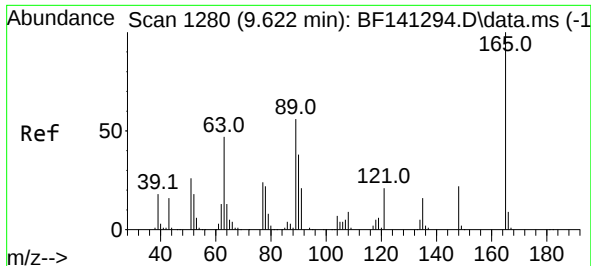
Tgt Ion: 330 Resp: 24454
Ion Ratio Lower Upper
330 100
332 94.9 76.1 114.1
141 39.9 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 11.998 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.018 min
Lab File: BF141425.D
Acq: 04 Feb 2025 22:38

Tgt Ion: 172 Resp: 130148
Ion Ratio Lower Upper
172 100
171 34.6 28.8 43.2
170 24.6 19.0 28.6

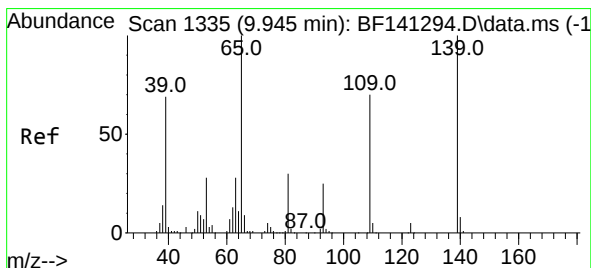
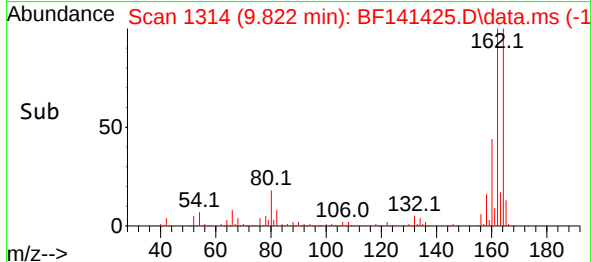
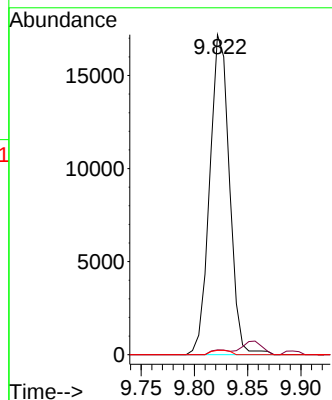
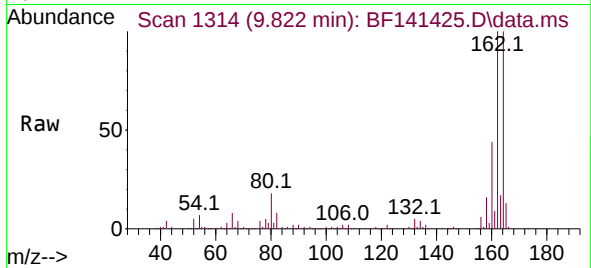




#51
2,6-Dinitrotoluene
Concen: 8.470 ng
RT: 9.822 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF141425.D
Acq: 04 Feb 2025 22:38

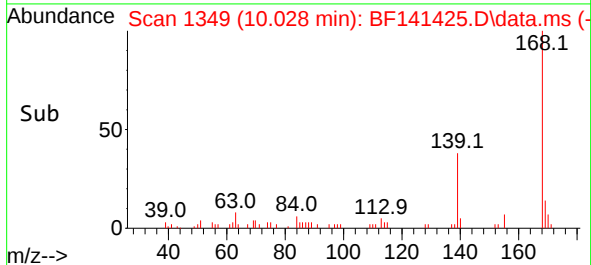
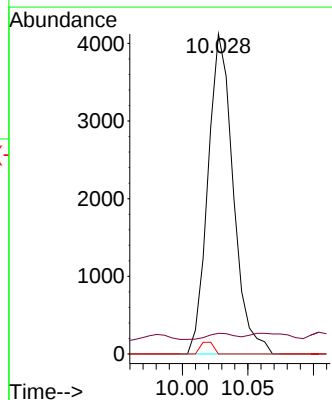
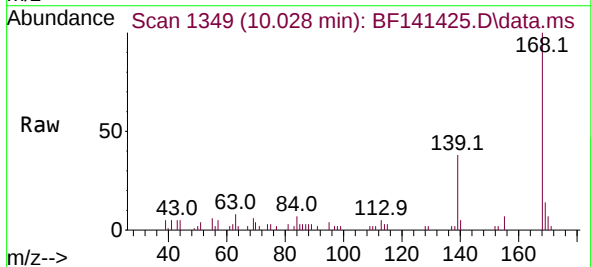
Instrument :
BNA_F
ClientSampleId :
ETGI-371DL

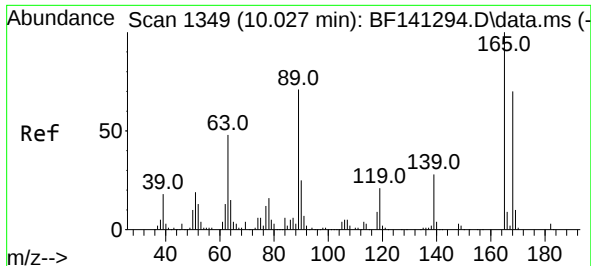
Tgt Ion:165 Resp: 22177
Ion Ratio Lower Upper
165 100
63 1.5 48.1 72.1#
89 1.4 44.9 67.3#



#56
4-Nitrophenol
Concen: 2.943 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.071 min
Lab File: BF141425.D
Acq: 04 Feb 2025 22:38

Tgt Ion:139 Resp: 5523
Ion Ratio Lower Upper
139 100
109 6.4 50.2 90.2#
65 0.0 80.6 120.6#

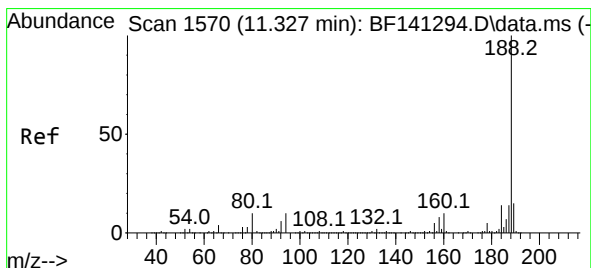
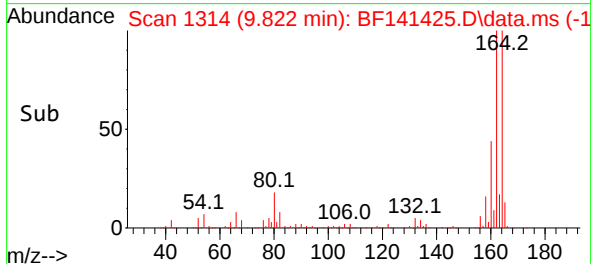
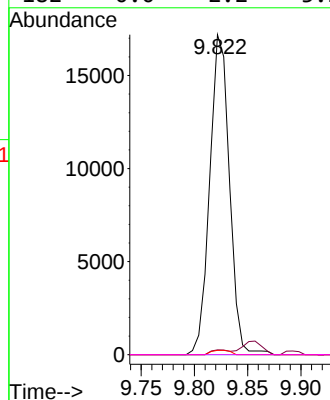
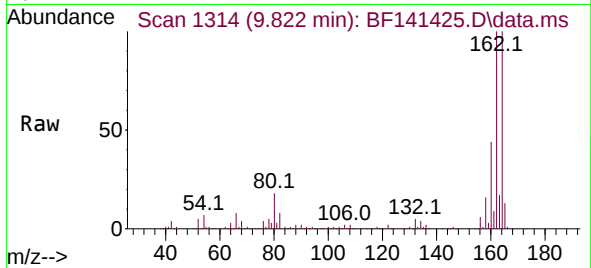




#57
2,4-Dinitrotoluene
Concen: 6.542 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF141425.D
Acq: 04 Feb 2025 22:38

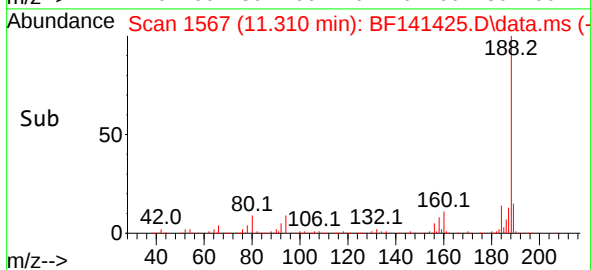
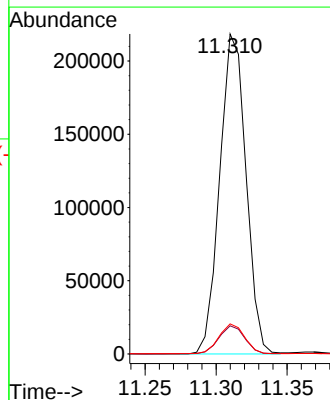
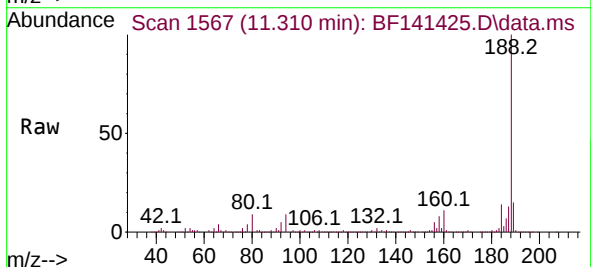
Instrument :
BNA_F
ClientSampleId :
ETGI-371DL

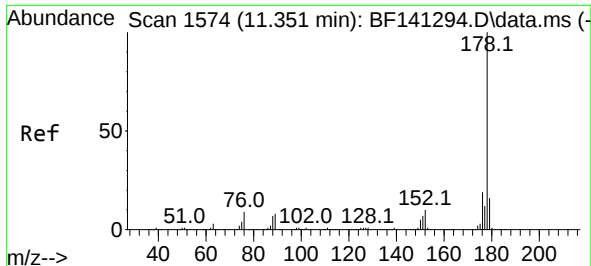
Tgt Ion:165 Resp: 22177
Ion Ratio Lower Upper
165 100
63 1.5 39.2 58.8#
89 1.4 56.9 85.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1567
Delta R.T. -0.018 min
Lab File: BF141425.D
Acq: 04 Feb 2025 22:38

Tgt Ion:188 Resp: 281181
Ion Ratio Lower Upper
188 100
94 8.8 7.8 11.6
80 9.4 8.2 12.4

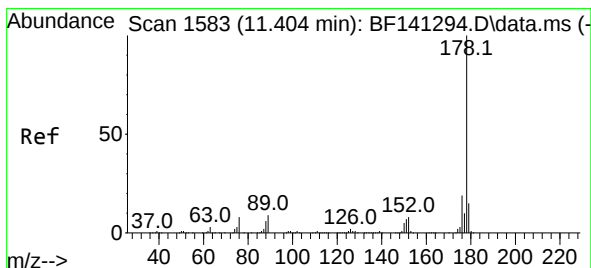
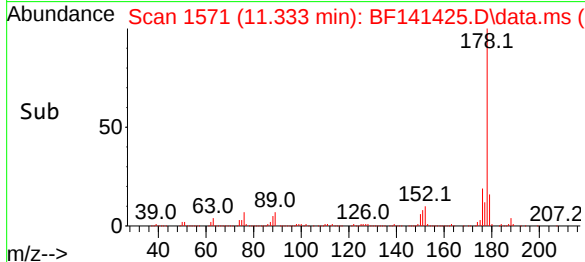
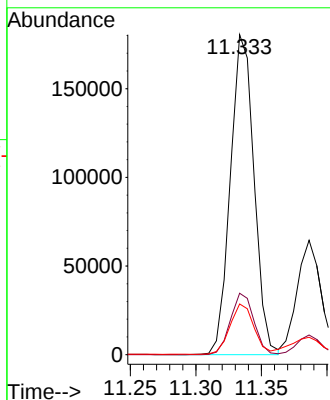
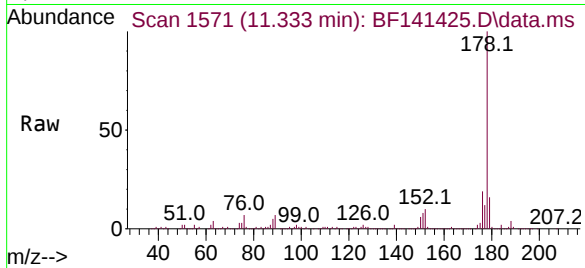




#71
Phenanthrene
Concen: 15.009 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141425.D
Acq: 04 Feb 2025 22:38

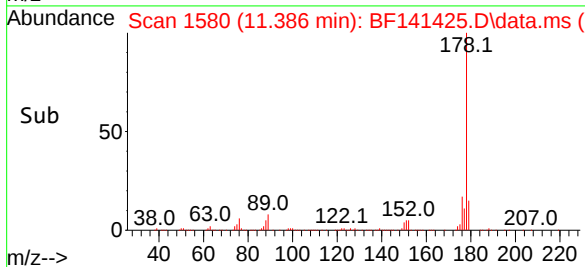
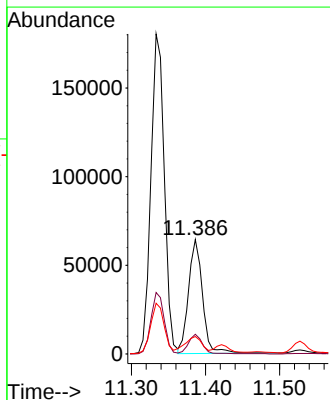
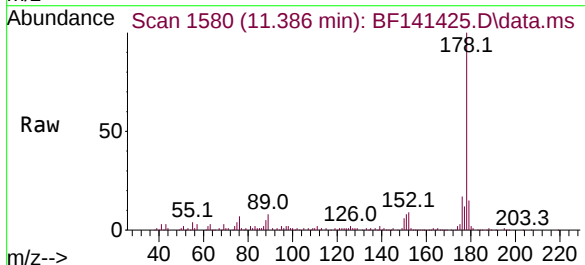
Instrument :
BNA_F
ClientSampleId :
ETGI-371DL

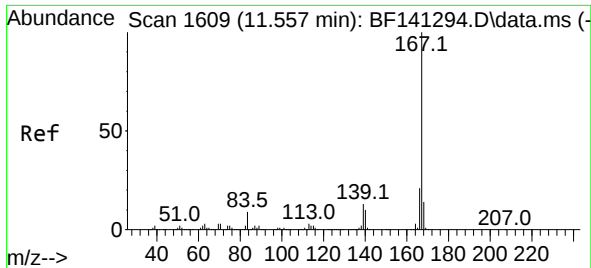
Tgt Ion:178 Resp: 226854
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.9 12.5 18.7



#72
Anthracene
Concen: 5.698 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.018 min
Lab File: BF141425.D
Acq: 04 Feb 2025 22:38

Tgt Ion:178 Resp: 84391
Ion Ratio Lower Upper
178 100
176 17.2 15.0 22.6
179 15.3 12.3 18.5

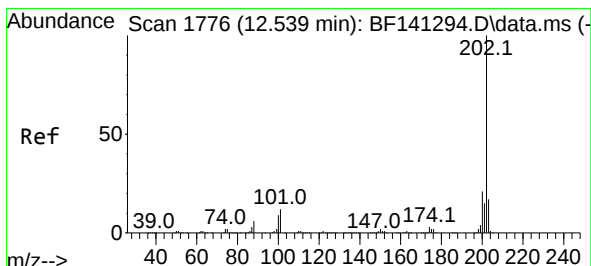
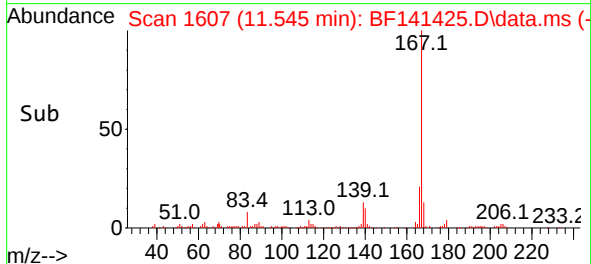
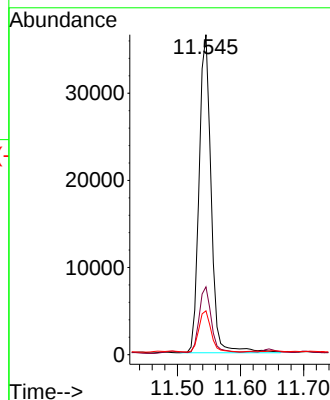
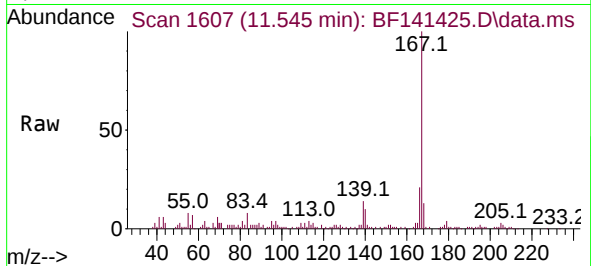




#73
Carbazole
Concen: 3.670 ng
RT: 11.545 min Scan# 1607
Delta R.T. -0.012 min
Lab File: BF141425.D
Acq: 04 Feb 2025 22:38

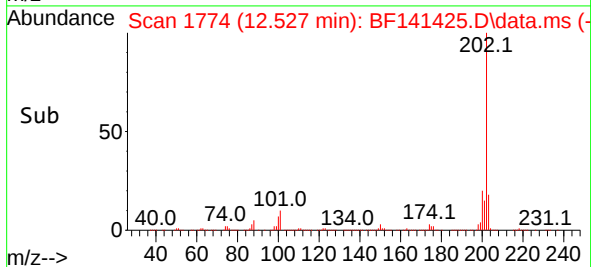
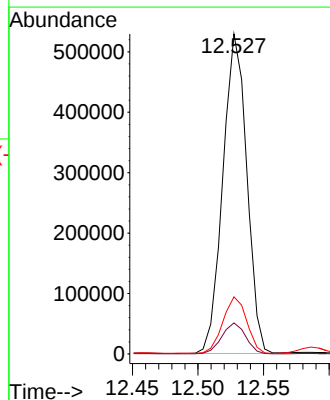
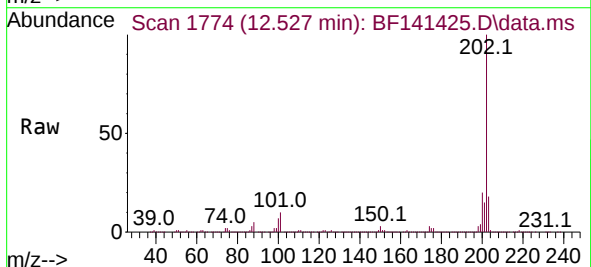
Instrument :
BNA_F
ClientSampleId :
ETGI-371DL

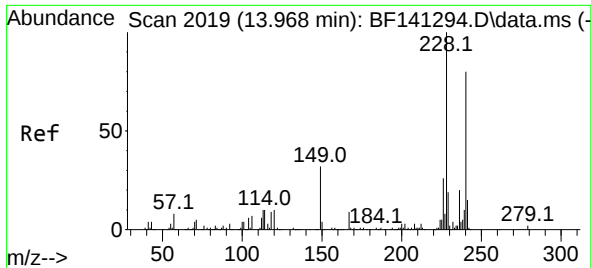
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.6
139	13.7	10.6	16.0



#75
Fluoranthene
Concen: 44.982 ng
RT: 12.527 min Scan# 1774
Delta R.T. -0.012 min
Lab File: BF141425.D
Acq: 04 Feb 2025 22:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	31.7
203	17.8	0.0	37.5

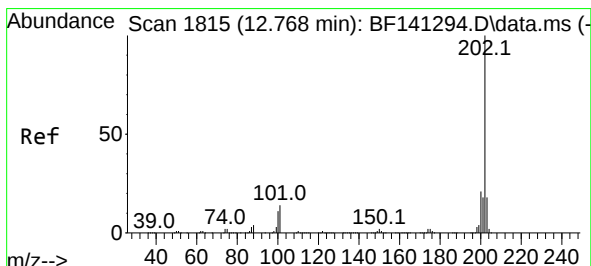
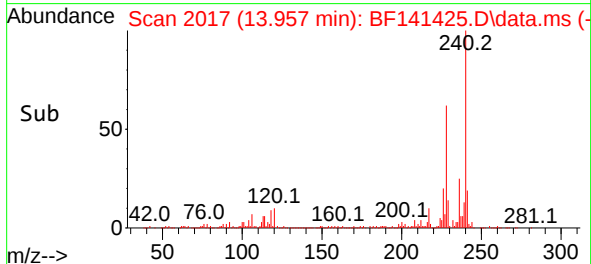
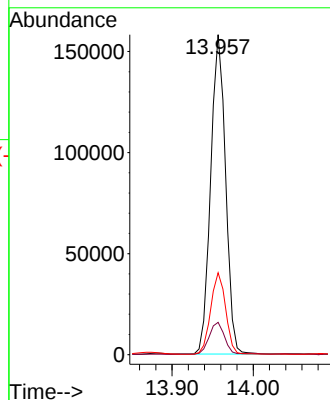
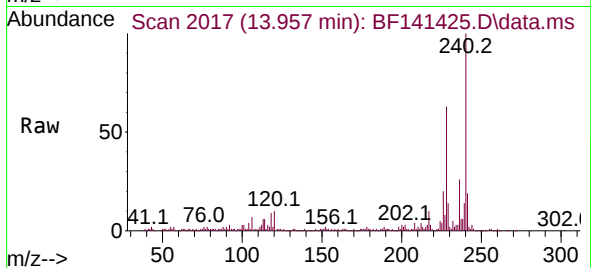




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 20
Delta R.T. -0.018 min
Lab File: BF141425.D
Acq: 04 Feb 2025 22:38

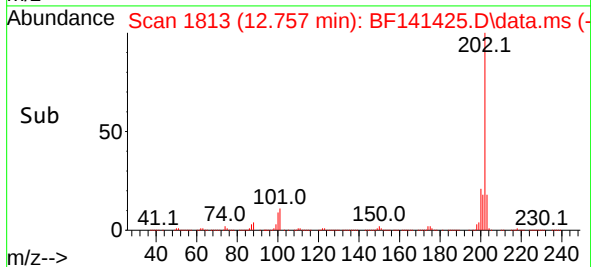
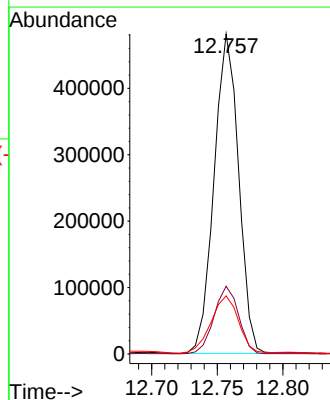
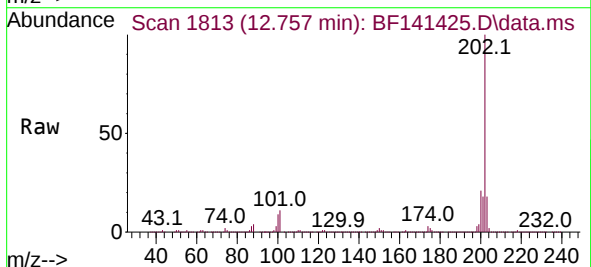
Instrument :
BNA_F
ClientSampleId :
ETGI-371DL

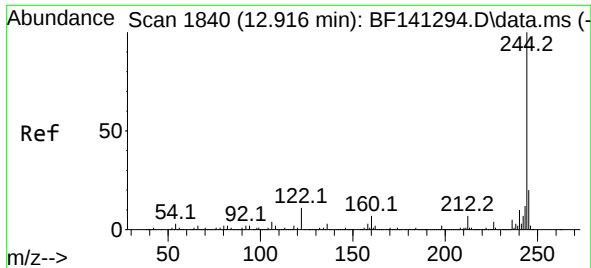
Tgt Ion:240 Resp: 200969
Ion Ratio Lower Upper
240 100
120 10.1 10.0 15.0
236 25.6 19.7 29.5



#78
Pyrene
Concen: 32.446 ng
RT: 12.757 min Scan# 1813
Delta R.T. -0.012 min
Lab File: BF141425.D
Acq: 04 Feb 2025 22:38

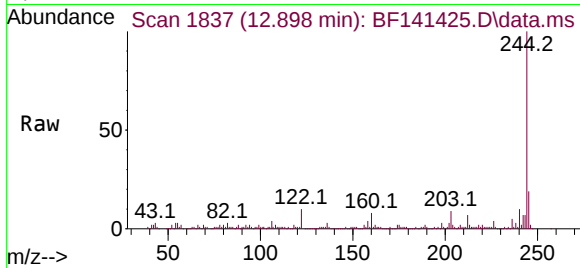
Tgt Ion:202 Resp: 625917
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 18.2 14.3 21.5



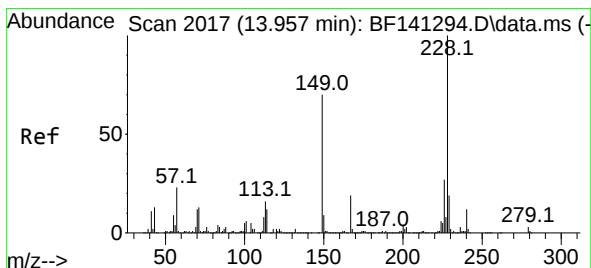
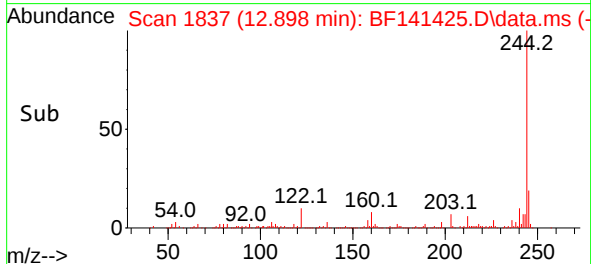
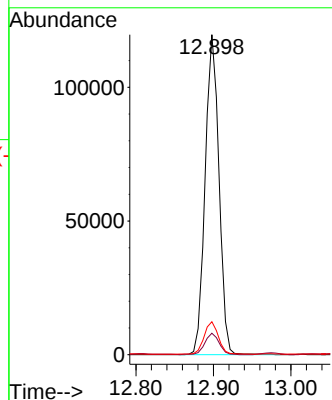


#79
 Terphenyl-d14
 Concen: 11.386 ng
 RT: 12.898 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: BF141425.D
 Acq: 04 Feb 2025 22:38

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-371DL

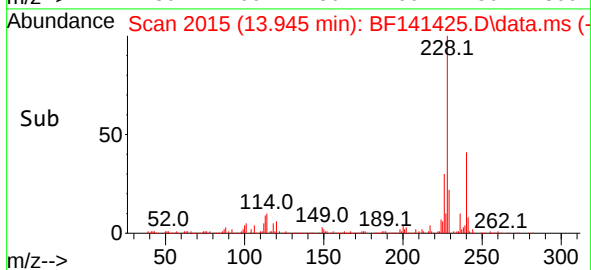
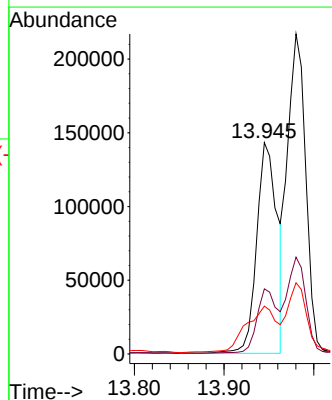
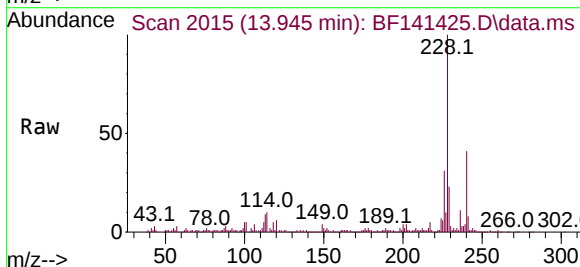


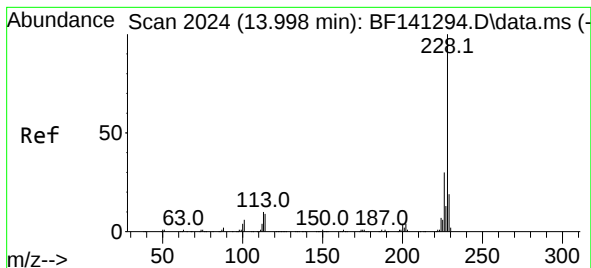
Tgt Ion:244 Resp: 148382
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.3 8.8 13.2



#81
 Benzo(a)anthracene
 Concen: 16.340 ng
 RT: 13.945 min Scan# 2015
 Delta R.T. -0.018 min
 Lab File: BF141425.D
 Acq: 04 Feb 2025 22:38

Tgt Ion:228 Resp: 226607
 Ion Ratio Lower Upper
 228 100
 226 30.8 21.4 32.2
 229 22.6 15.5 23.3





#83

Chrysene

Concen: 23.739 ng

RT: 13.980 min Scan# 20

Delta R.T. -0.018 min

Lab File: BF141425.D

Acq: 04 Feb 2025 22:38

Instrument :

BNA_F

ClientSampleId :

ETGI-371DL

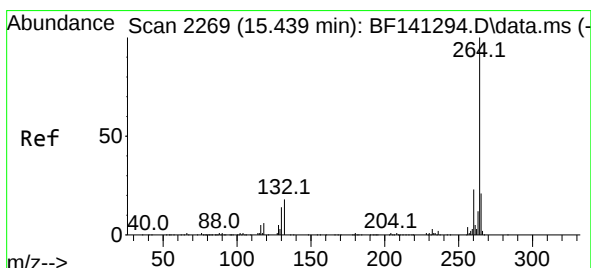
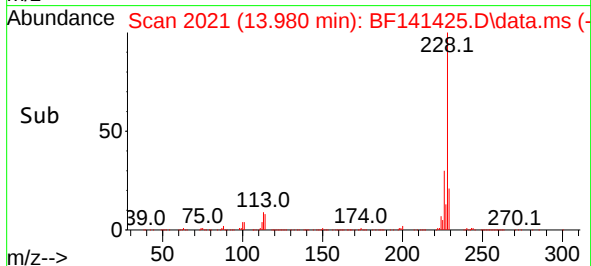
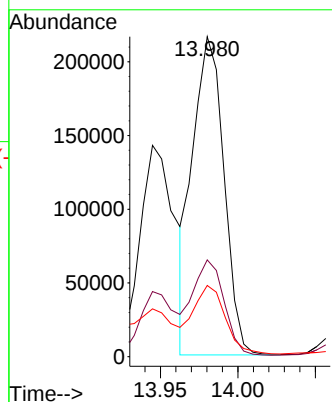
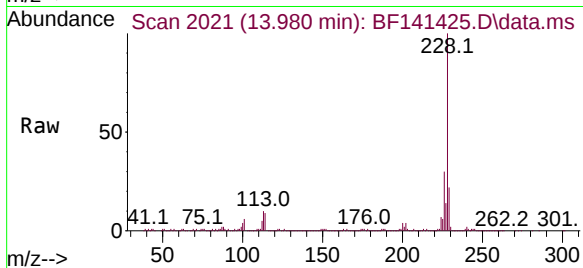
Tgt Ion:228 Resp: 301715

Ion Ratio Lower Upper

228 100

226 30.2 24.1 36.1

229 22.2 15.6 23.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 2265

Delta R.T. -0.024 min

Lab File: BF141425.D

Acq: 04 Feb 2025 22:38

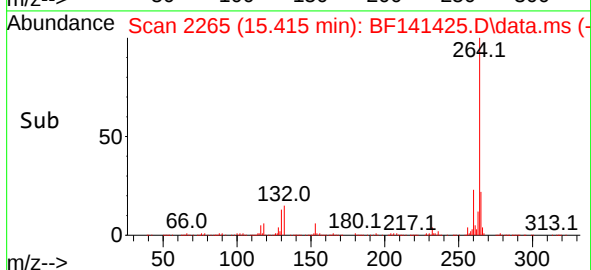
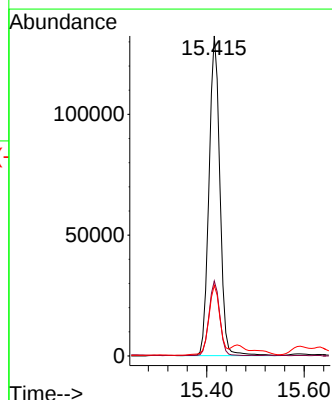
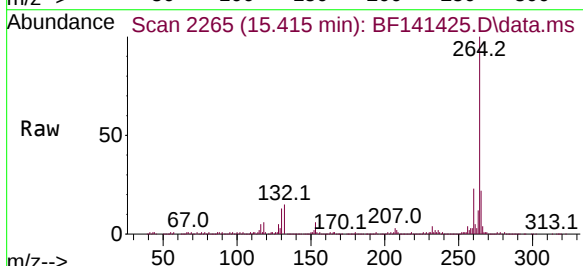
Tgt Ion:264 Resp: 204126

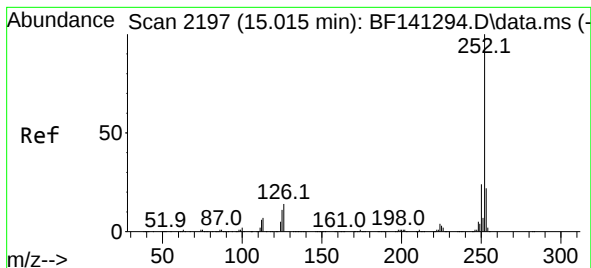
Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 22.0 16.7 25.1





#88

Benzo(b)fluoranthene

Concen: 36.374 ng

RT: 14.998 min Scan# 2194

Delta R.T. -0.024 min

Lab File: BF141425.D

Acq: 04 Feb 2025 22:38

Instrument :

BNA_F

ClientSampleId :

ETGI-371DL

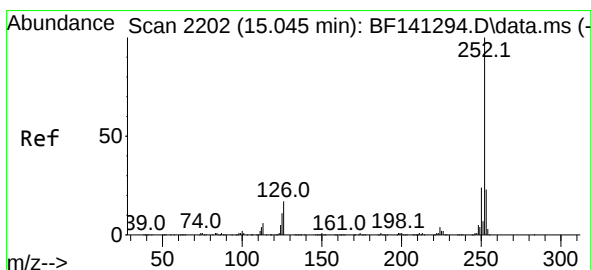
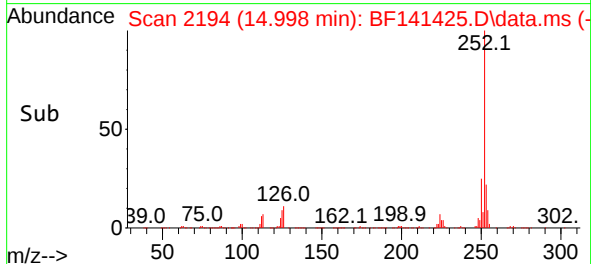
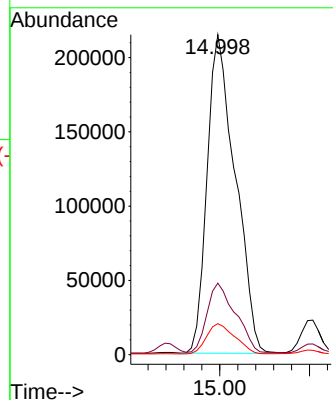
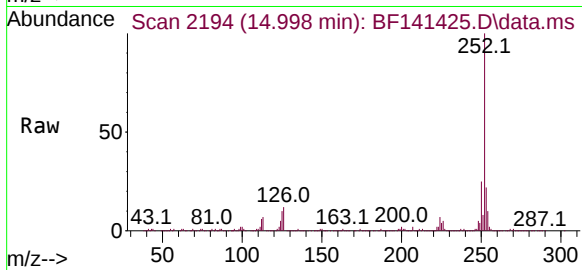
Tgt Ion:252 Resp: 467045

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 9.7 8.6 12.8



#89

Benzo(k)fluoranthene

Concen: 41.060 ng

RT: 14.998 min Scan# 2194

Delta R.T. -0.053 min

Lab File: BF141425.D

Acq: 04 Feb 2025 22:38

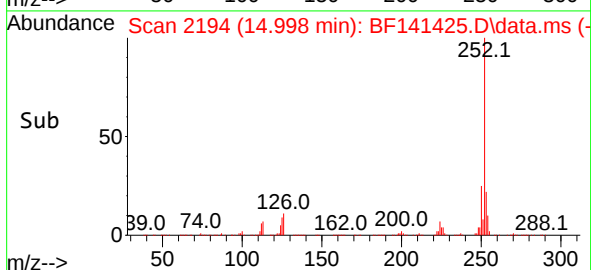
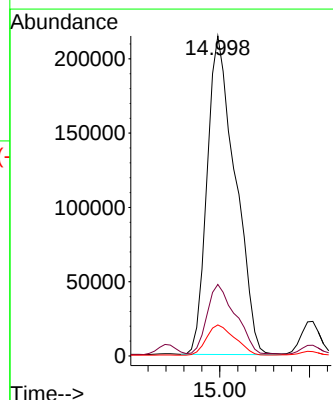
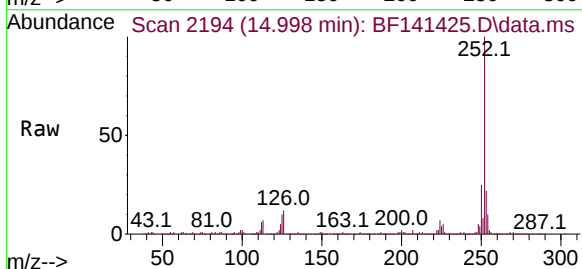
Tgt Ion:252 Resp: 467045

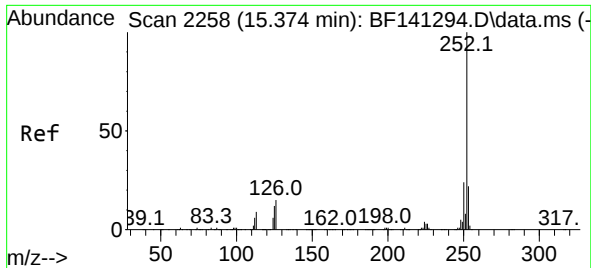
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 9.7 8.4 12.6

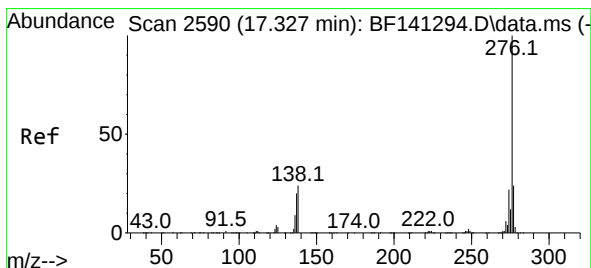
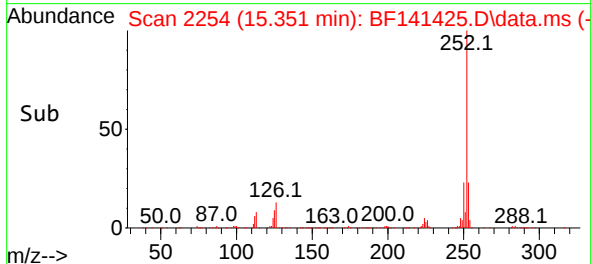
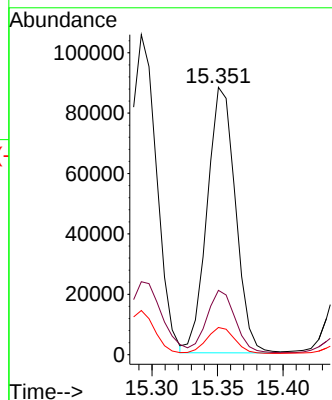
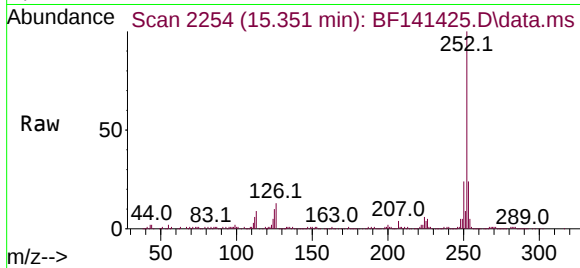




#90
Benzo(a)pyrene
Concen: 12.203 ng
RT: 15.351 min Scan# 21
Delta R.T. -0.030 min
Lab File: BF141425.D
Acq: 04 Feb 2025 22:38

Instrument :
BNA_F
ClientSampleId :
ETGI-371DL

Tgt Ion:252 Resp: 132403
Ion Ratio Lower Upper
252 100
253 24.0 17.2 25.8
125 10.2 9.4 14.2



#92
Benzo(g,h,i)perylene
Concen: 7.848 ng
RT: 17.280 min Scan# 2582
Delta R.T. -0.065 min
Lab File: BF141425.D
Acq: 04 Feb 2025 22:38

Tgt Ion:276 Resp: 86500
Ion Ratio Lower Upper
276 100
277 24.6 19.2 28.8
138 21.0 19.0 28.4

