

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080221\
 Data File : BF124905.D
 Acq On : 2 Aug 2021 13:38
 Operator : JU/CG
 Sample : M3230-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-357

Quant Time: Aug 02 14:17:25 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 02 11:15:51 2021
 Response via : Initial Calibration

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

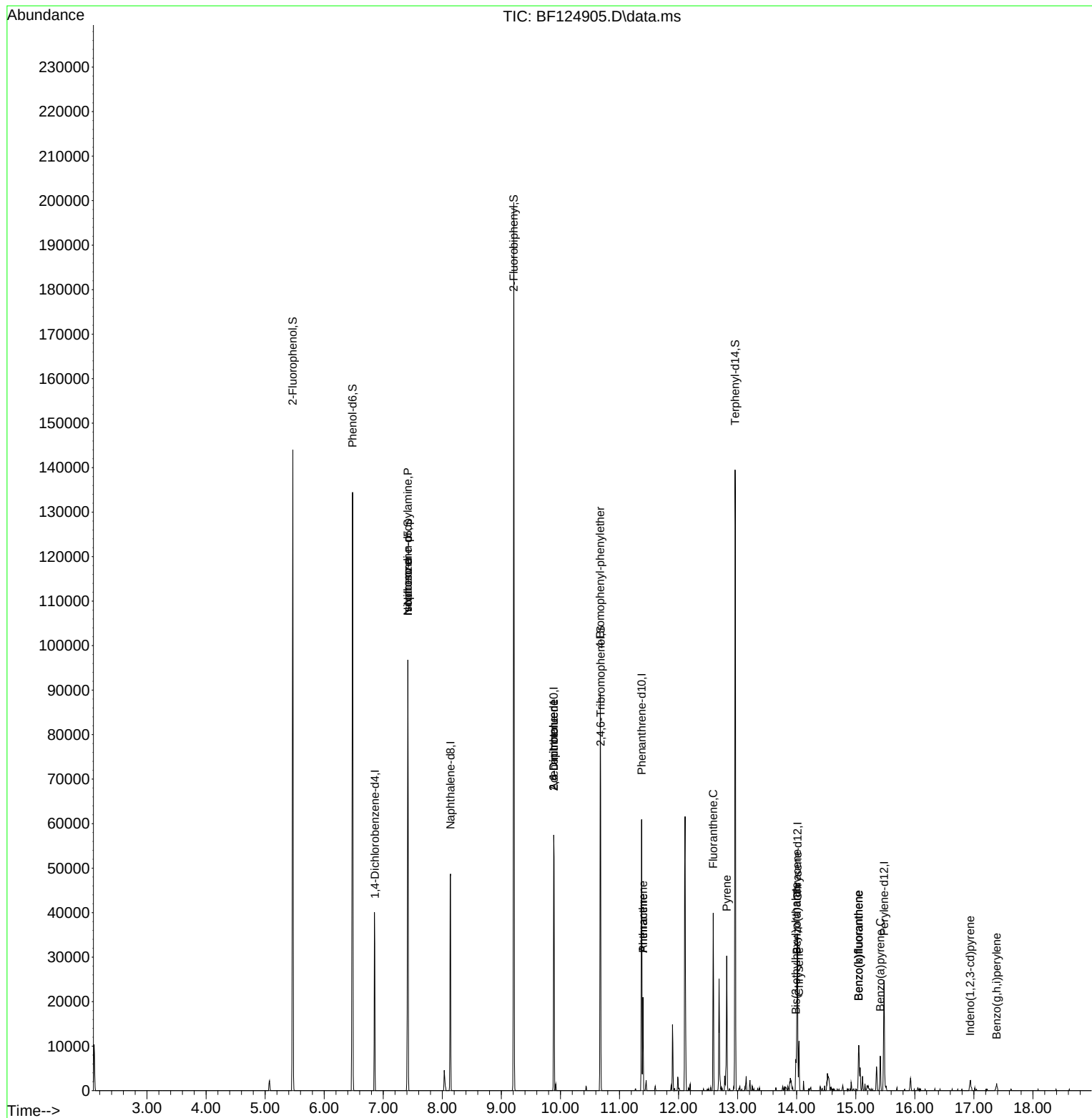
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	5462	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	22836	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	12465	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	21495	20.000	ng	0.00
76) Chrysene-d12	14.015	240	12430	20.000	ng	# 0.00
86) Perylene-d12	15.480	264	11933	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	36006	111.615	ng	0.00
7) Phenol-d6	6.481	99	43666	107.972	ng	0.00
23) Nitrobenzene-d5	7.416	82	27967	72.891	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	9088	84.915	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	54601	64.336	ng	0.00
79) Terphenyl-d14	12.957	244	48099	66.330	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.416	70	3696	17.115	ng	# 67
25) Isophorone	7.416	82	27967	41.223	ng	# 59
51) 2,6-Dinitrotoluene	9.886	165	1434	7.563	ng	# 26
57) 2,4-Dinitrotoluene	9.886	165	1434	5.573	ng	# 18
67) 4-Bromophenyl-phenylether	10.675	248	705	3.093	ng	# 1
71) Phenanthrene	11.398	178	7837	6.779	ng	100
72) Anthracene	11.398	178	7837	6.781	ng	98
75) Fluoranthene	12.586	202	15679	13.290	ng	98
78) Pyrene	12.816	202	12498	12.701	ng	98
81) Benzo(a)anthracene	14.004	228	5711	7.029	ng	96
83) Chrysene	14.039	228	5689	7.268	ng	93
84) Bis(2-ethylhexyl)phtha...	13.986	149	2013	2.900	ng	# 93
87) Indeno(1,2,3-cd)pyrene	16.939	276	2508	3.640	ng	# 62
88) Benzo(b)fluoranthene	15.051	252	9254	11.014	ng	93
89) Benzo(k)fluoranthene	15.051	252	9254	12.055	ng	# 92
90) Benzo(a)pyrene	15.415	252	4540	6.469	ng	# 94
92) Benzo(g,h,i)perylene	17.386	276	2039	3.565	ng	# 63

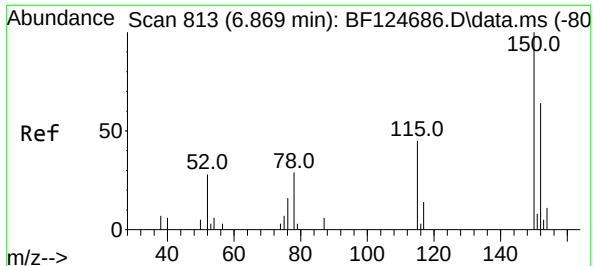
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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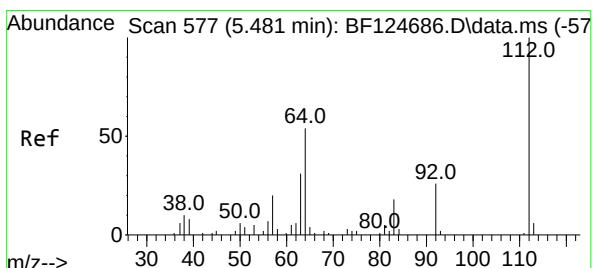
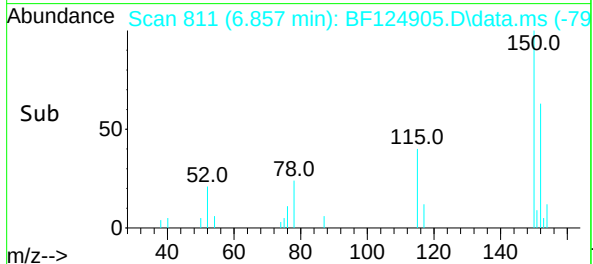
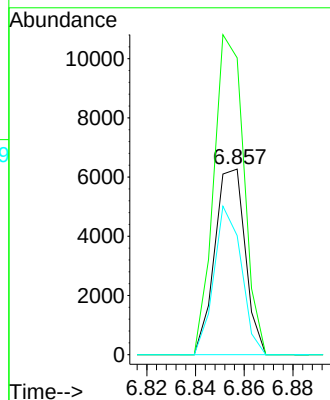
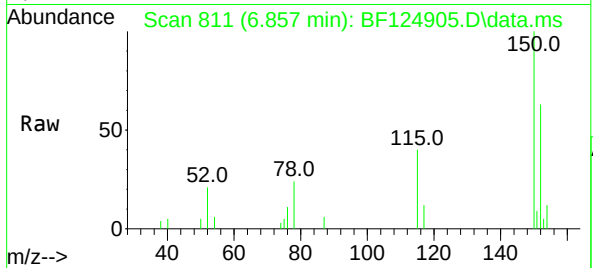




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF124905.D
Acq: 2 Aug 2021 13:38

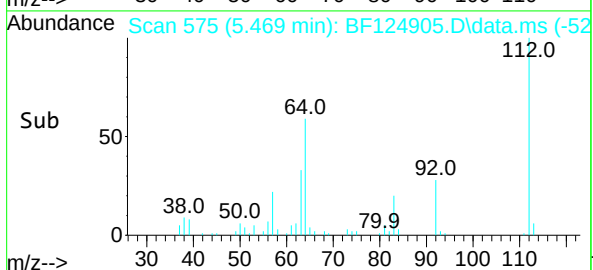
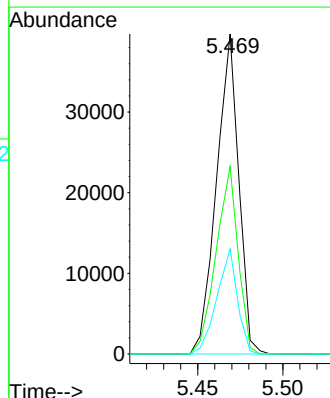
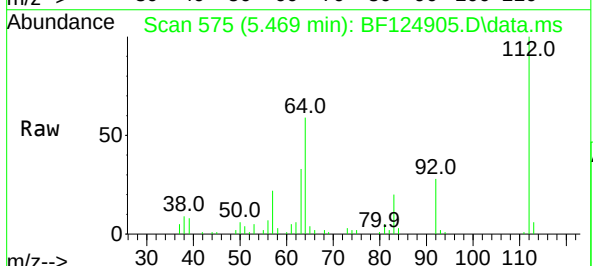
Instrument :
BNA_F
ClientSampleId :
ETGI-357

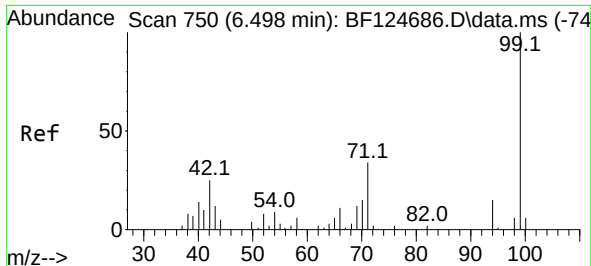
Tgt Ion:152 Resp: 5462
Ion Ratio Lower Upper
152 100
150 160.0 117.6 176.4
115 64.1 47.1 70.7



#5
2-Fluorophenol
Concen: 111.615 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.006 min
Lab File: BF124905.D
Acq: 2 Aug 2021 13:38

Tgt Ion:112 Resp: 36006
Ion Ratio Lower Upper
112 100
64 58.5 44.2 66.2
63 32.8 26.2 39.2

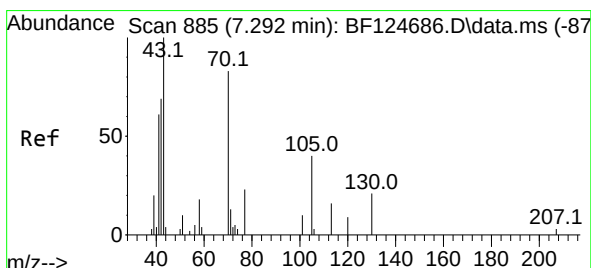
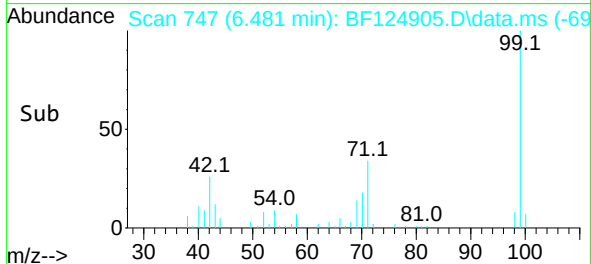
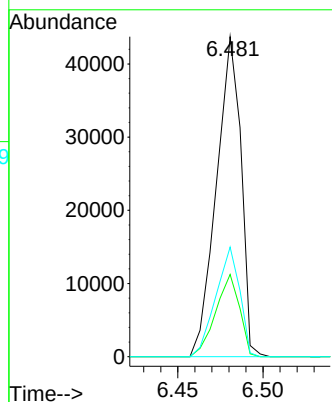
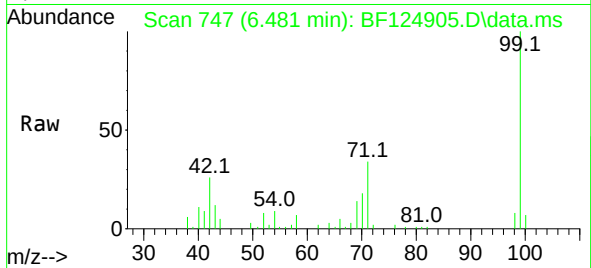




#7
Phenol-d6
Concen: 107.972 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF124905.D
Acq: 2 Aug 2021 13:38

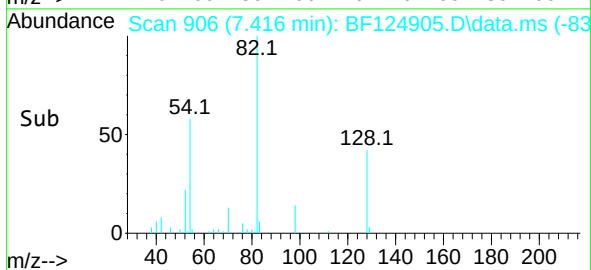
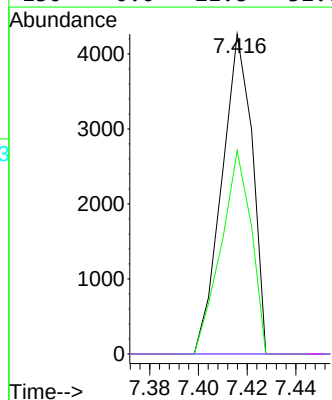
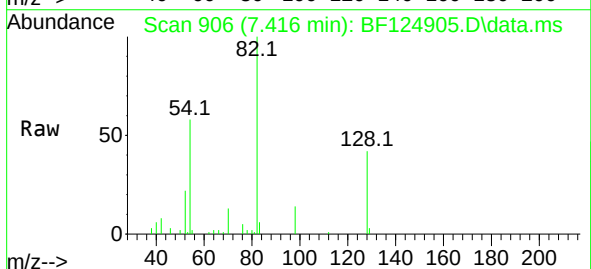
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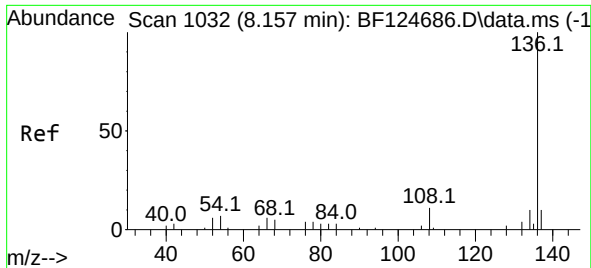
Tgt Ion:	99	Resp:	43666
Ion	Ratio	Lower	Upper
99	100		
42	25.7	23.5	35.3
71	34.3	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.115 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF124905.D
Acq: 2 Aug 2021 13:38

Tgt Ion:	70	Resp:	3696
Ion	Ratio	Lower	Upper
70	100		
42	63.5	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

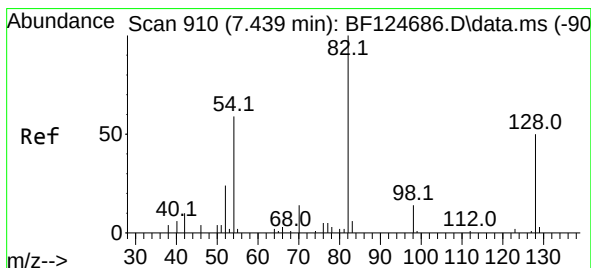
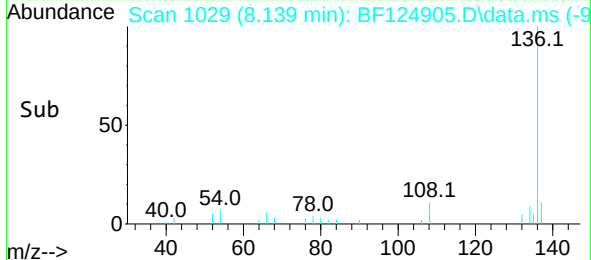
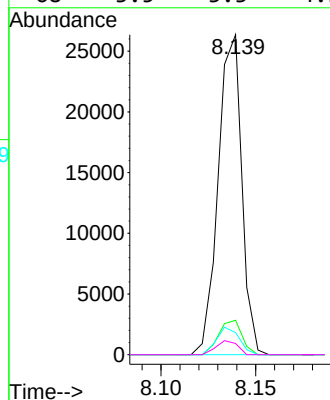
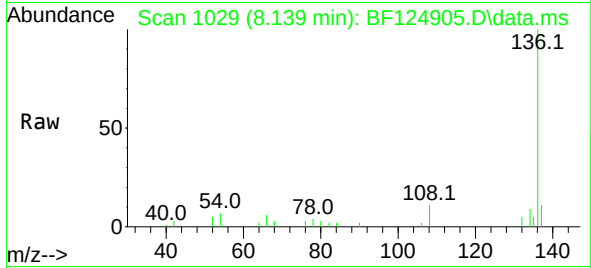




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF124905.D
Acq: 2 Aug 2021 13:38

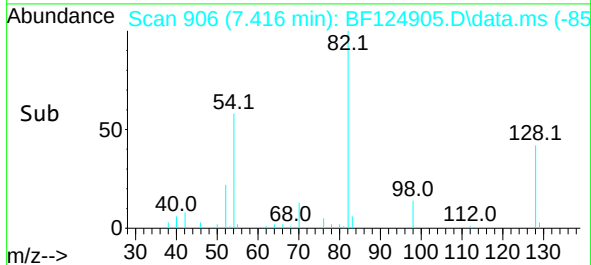
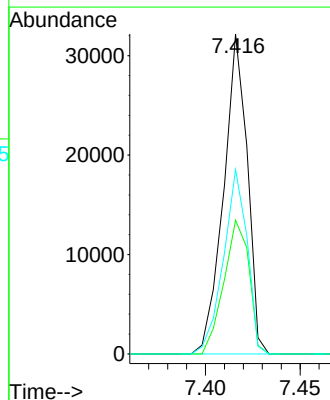
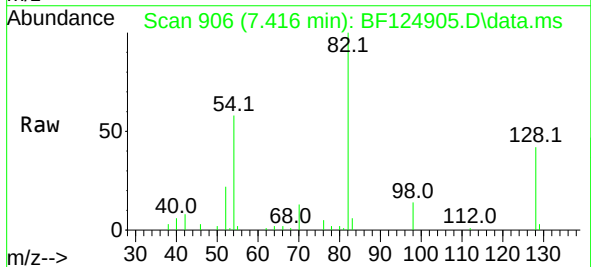
Instrument :
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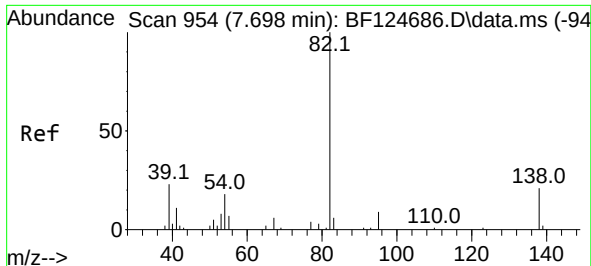
Tgt Ion:136	Resp:	22836
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.8 14.6
54	6.9	6.4 9.6
68	3.5	3.3 4.9



#23
Nitrobenzene-d5
Concen: 72.891 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF124905.D
Acq: 2 Aug 2021 13:38

Tgt Ion: 82	Resp:	27967
Ion Ratio	Lower	Upper
82	100	
128	41.8	40.6 60.8
54	57.7	49.6 74.4

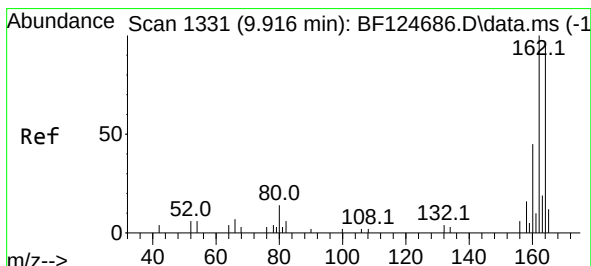
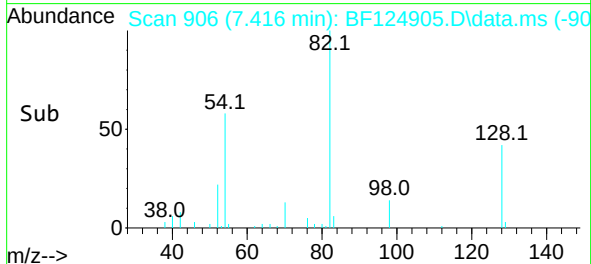
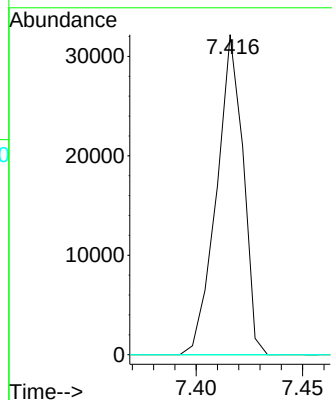
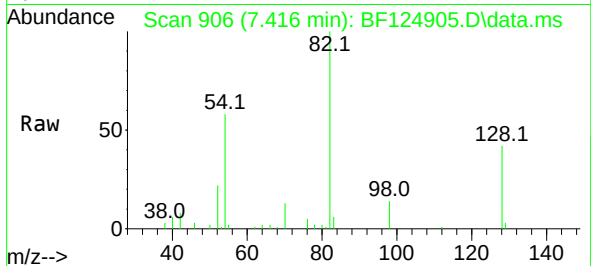




#25
Isophorone
Concen: 41.223 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.265 min
Lab File: BF124905.D
Acq: 2 Aug 2021 13:38

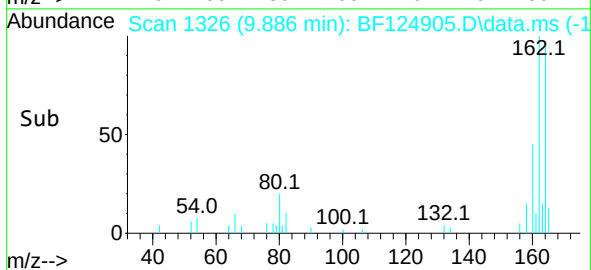
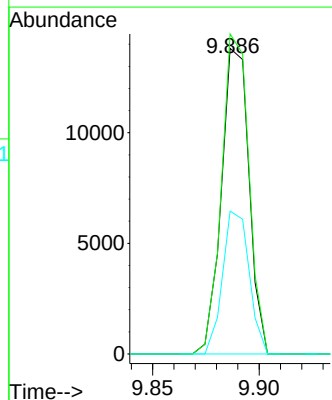
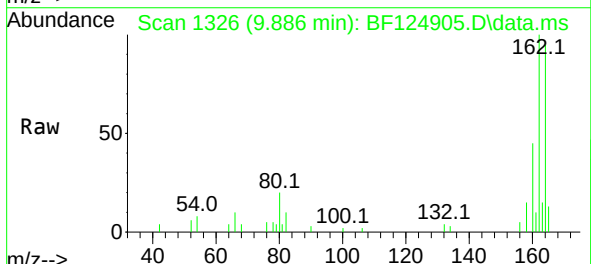
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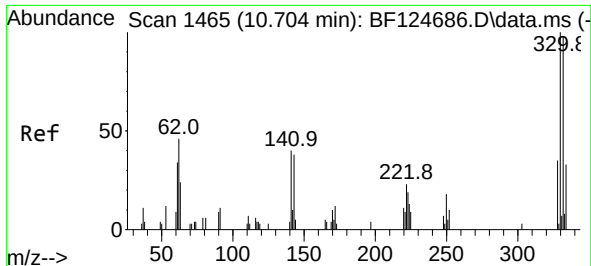
Tgt Ion: 82 Resp: 27967
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF124905.D
Acq: 2 Aug 2021 13:38

Tgt Ion:164 Resp: 12465
Ion Ratio Lower Upper
164 100
162 104.7 81.3 121.9
160 46.8 38.0 57.0

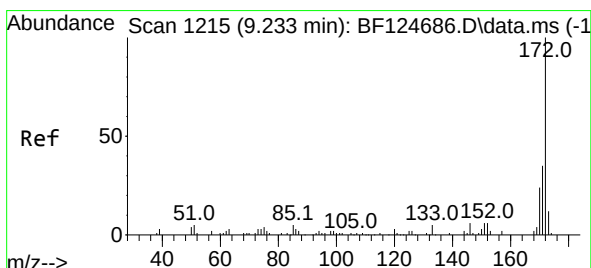
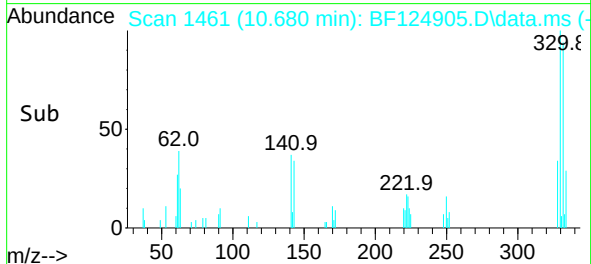
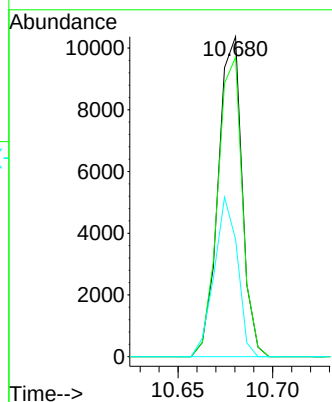
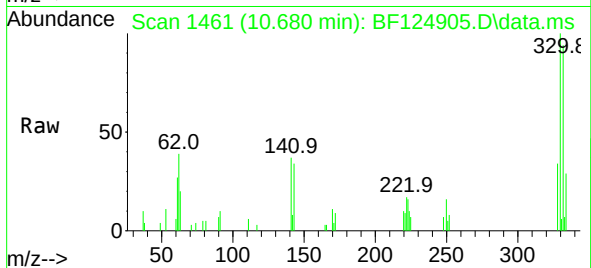




#42
2,4,6-Tribromophenol
Concen: 84.915 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF124905.D
Acq: 2 Aug 2021 13:38

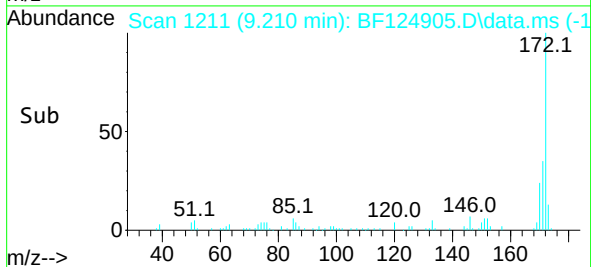
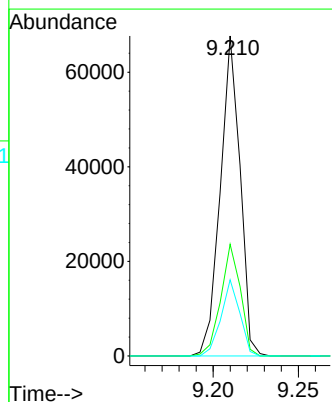
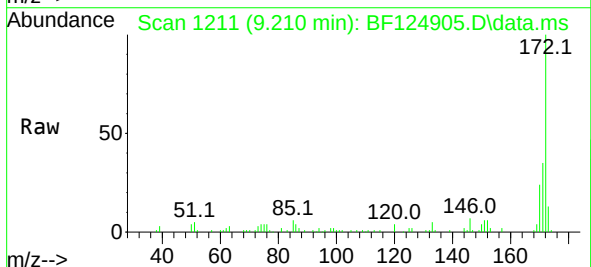
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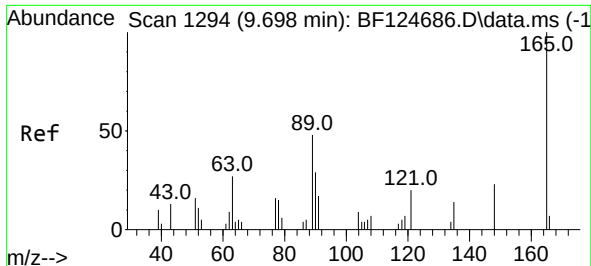
Tgt Ion:330 Resp: 9088
Ion Ratio Lower Upper
330 100
332 96.3 76.2 114.4
141 48.8 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 64.336 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF124905.D
Acq: 2 Aug 2021 13:38

Tgt Ion:172 Resp: 54601
Ion Ratio Lower Upper
172 100
171 34.9 26.5 39.7
170 23.8 18.8 28.2

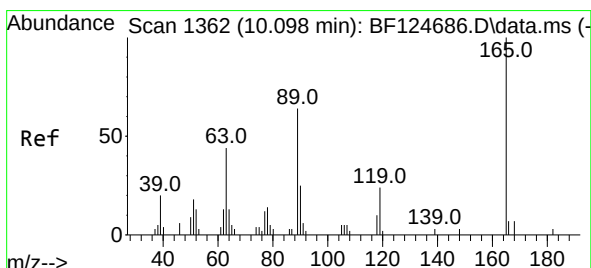
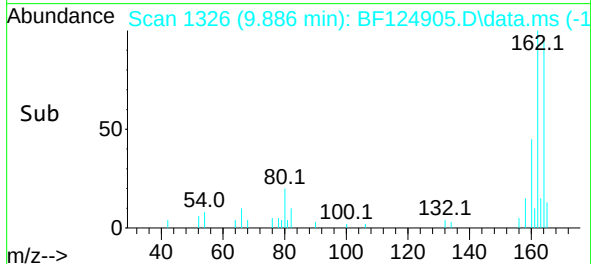
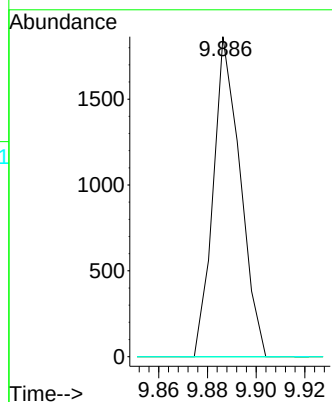
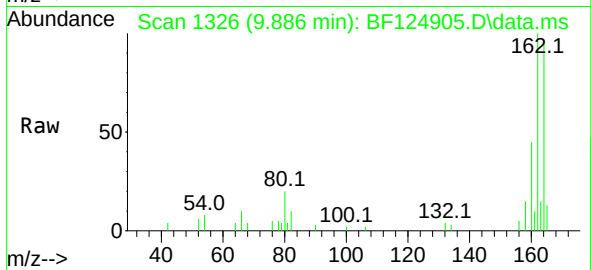




#51
2,6-Dinitrotoluene
Concen: 7.563 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.206 min
Lab File: BF124905.D
Acq: 2 Aug 2021 13:38

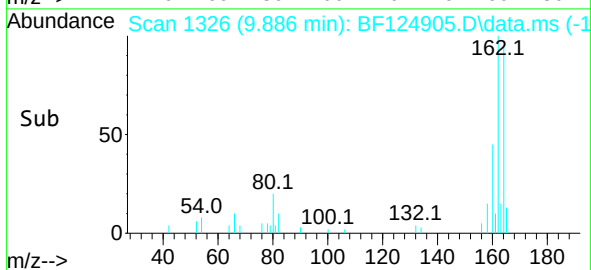
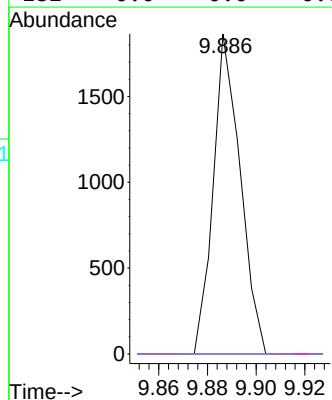
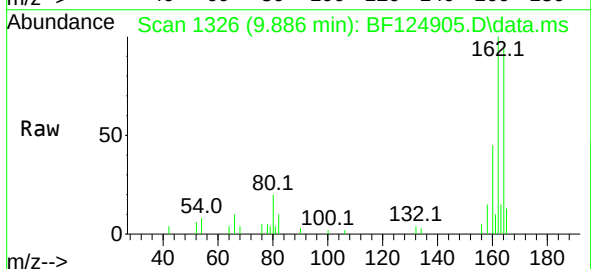
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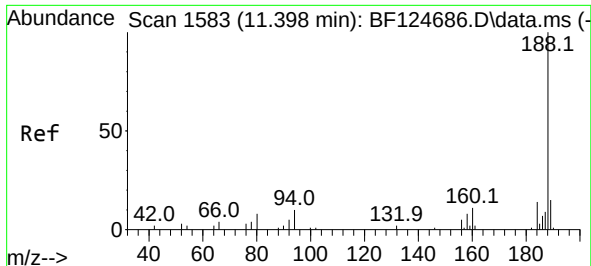
Tgt Ion:165 Resp: 1434
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.573 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.194 min
Lab File: BF124905.D
Acq: 2 Aug 2021 13:38

Tgt Ion:165 Resp: 1434
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

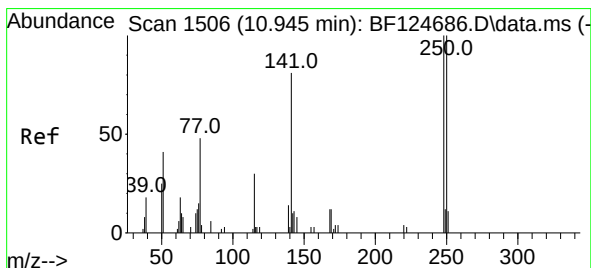
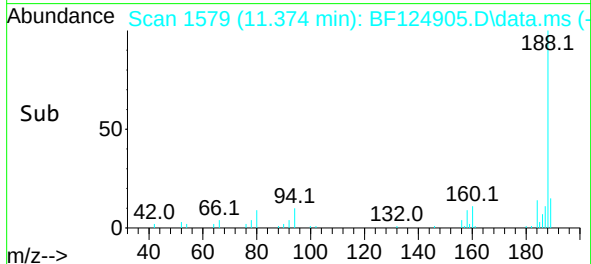
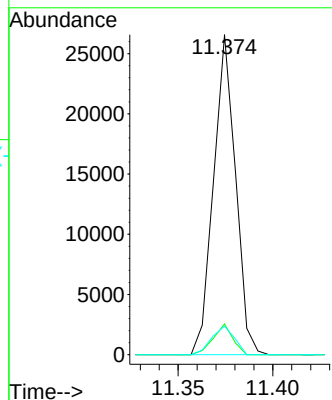
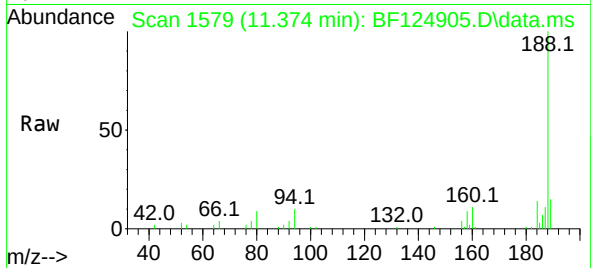




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF124905.D
Acq: 2 Aug 2021 13:38

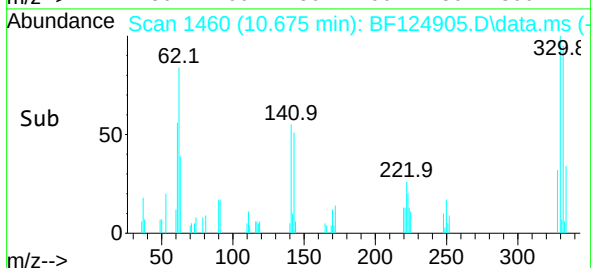
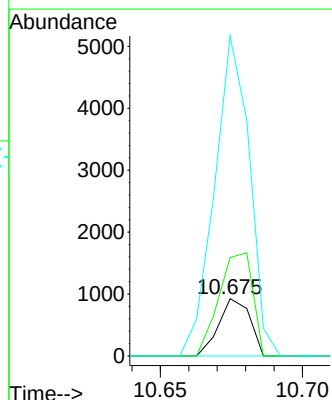
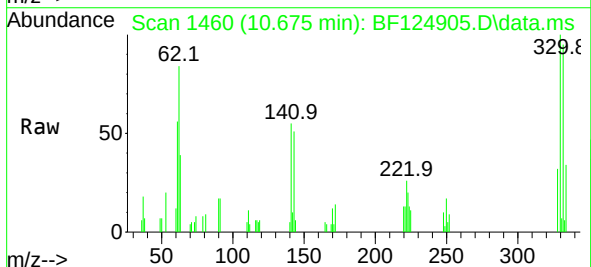
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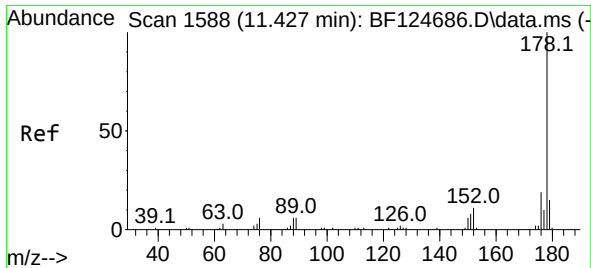
Tgt Ion:188 Resp: 21495
Ion Ratio Lower Upper
188 100
94 9.6 6.7 10.1
80 8.9 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.093 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.247 min
Lab File: BF124905.D
Acq: 2 Aug 2021 13:38

Tgt Ion:248 Resp: 705
Ion Ratio Lower Upper
248 100
250 171.8 74.2 111.4#
141 558.8 60.4 90.6#

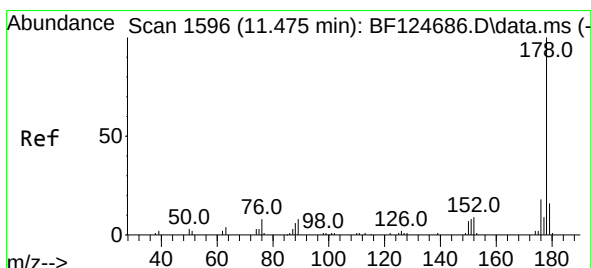
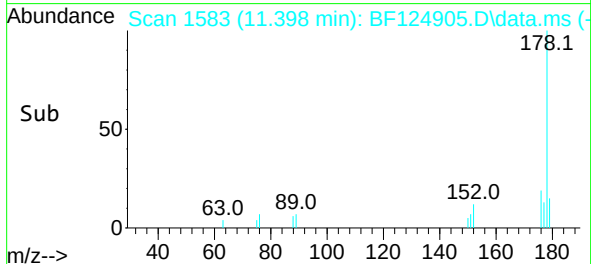
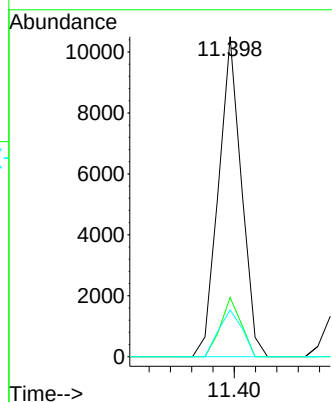
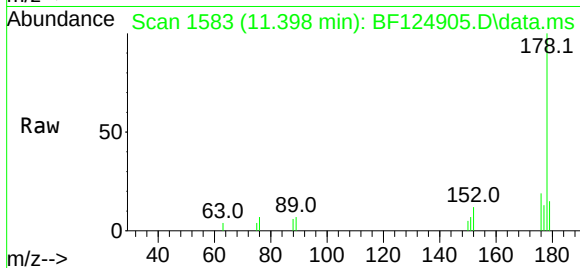




#71
Phenanthrene
Concen: 6.779 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF124905.D
Acq: 2 Aug 2021 13:38

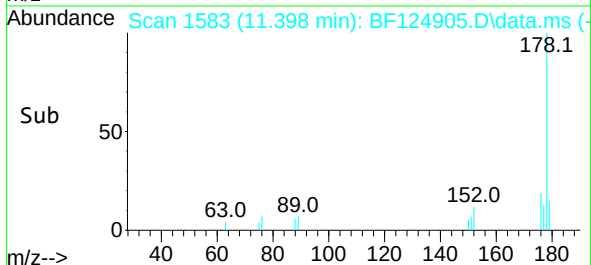
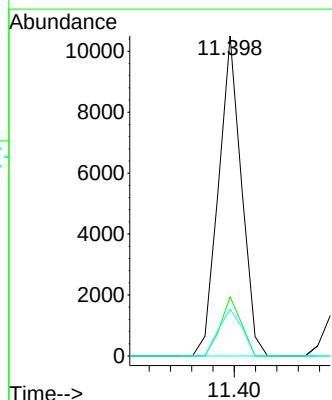
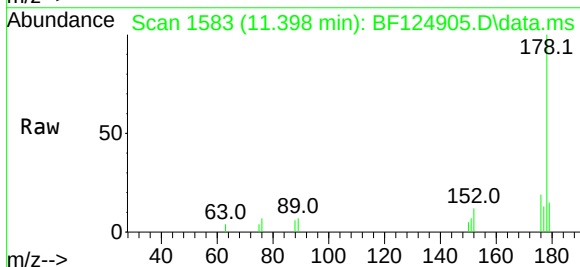
Instrument :
BNA_F
ClientSampleId :
ETGI-357

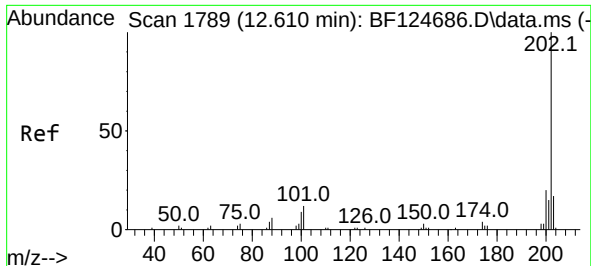
Tgt Ion:178 Resp: 7837
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 14.6 11.5 17.3



#72
Anthracene
Concen: 6.781 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.059 min
Lab File: BF124905.D
Acq: 2 Aug 2021 13:38

Tgt Ion:178 Resp: 7837
Ion Ratio Lower Upper
178 100
176 18.5 14.3 21.5
179 14.6 12.2 18.4

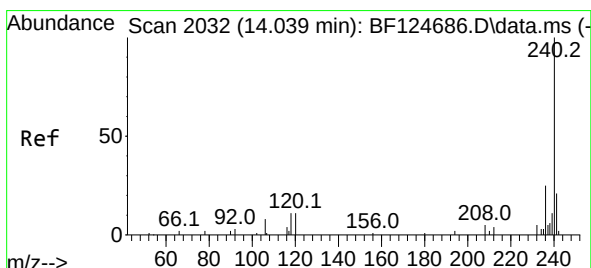
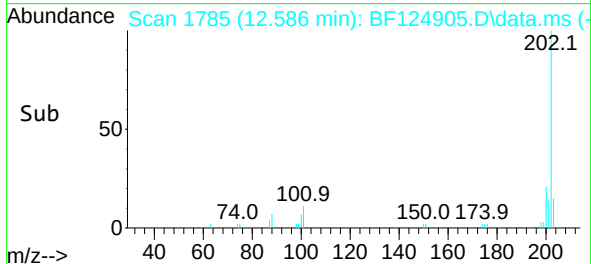
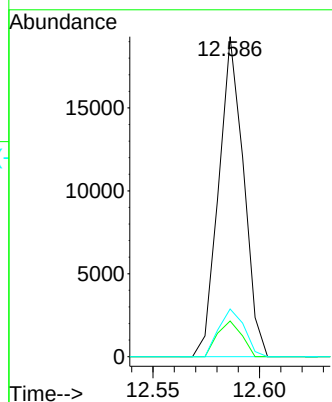
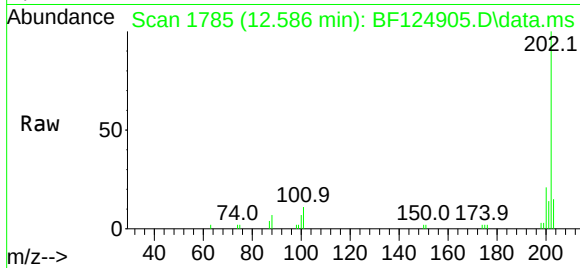




#75
Fluoranthene
Concen: 13.290 ng
RT: 12.586 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BF124905.D
Acq: 2 Aug 2021 13:38

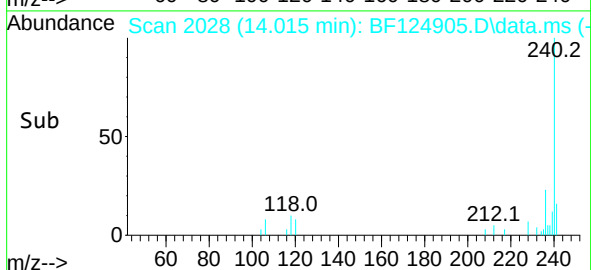
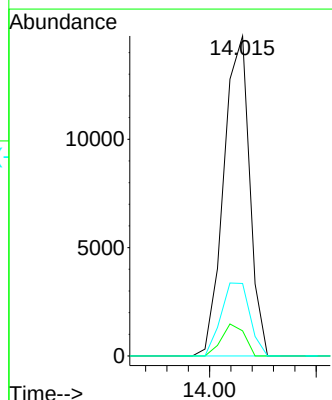
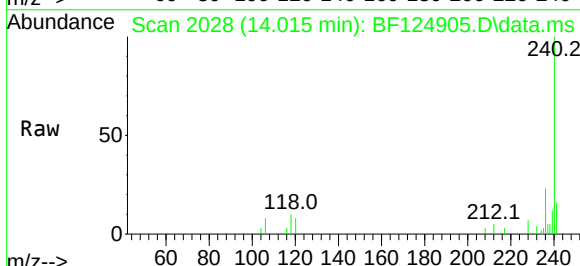
Instrument :
BNA_F
ClientSampleId :
ETGI-357

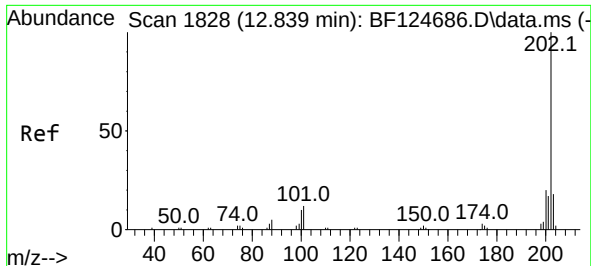
Tgt Ion:202	Resp:	15679
Ion Ratio	Lower	Upper
202	100	
101	11.2	0.0 30.7
203	14.9	0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF124905.D
Acq: 2 Aug 2021 13:38

Tgt Ion:240	Resp:	12430
Ion Ratio	Lower	Upper
240	100	
120	7.9	10.8 16.2#
236	22.7	21.6 32.4

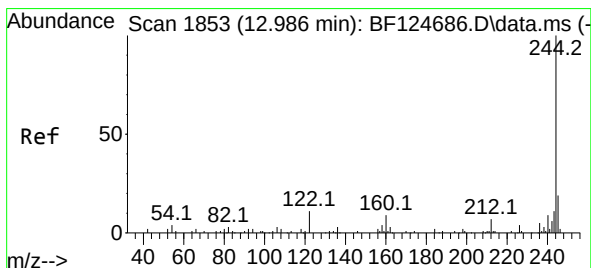
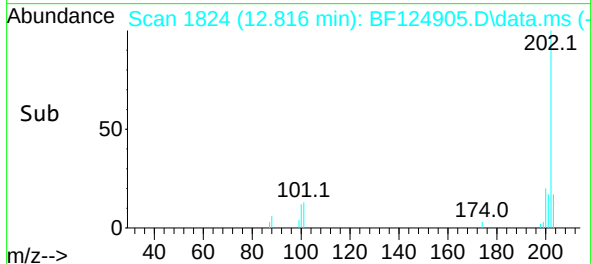
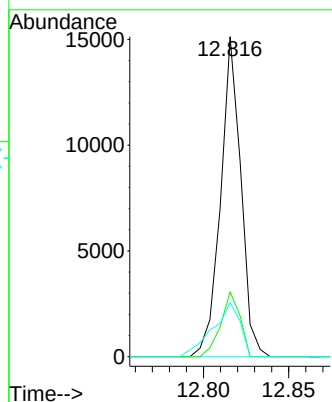
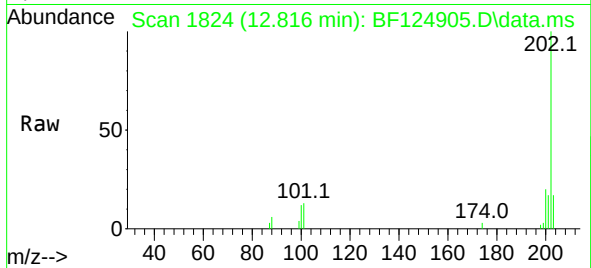




#78
Pyrene
Concen: 12.701 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF124905.D
Acq: 2 Aug 2021 13:38

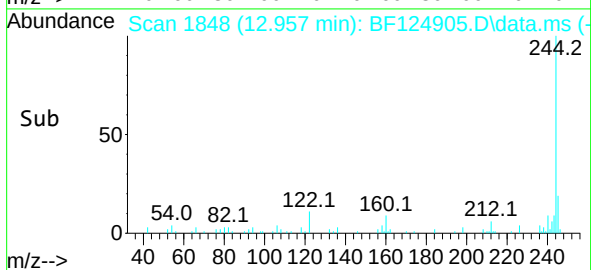
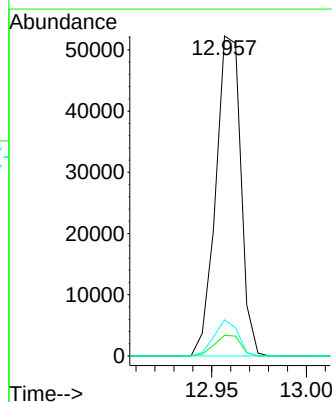
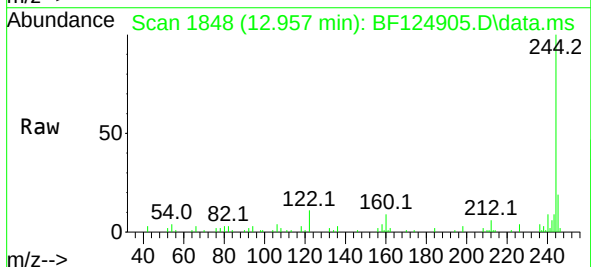
Instrument :
BNA_F
ClientSampleId :
ETGI-357

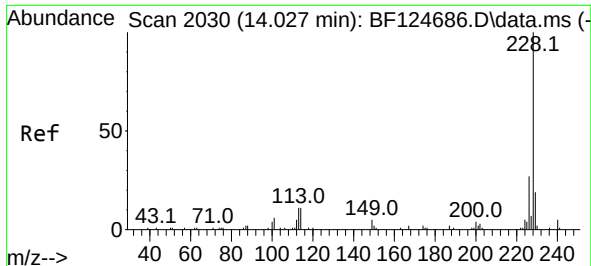
Tgt Ion:202 Resp: 12498
Ion Ratio Lower Upper
202 100
200 20.3 15.3 22.9
203 16.8 13.4 20.0



#79
Terphenyl-d14
Concen: 66.330 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF124905.D
Acq: 2 Aug 2021 13:38

Tgt Ion:244 Resp: 48099
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 11.3 9.0 13.4

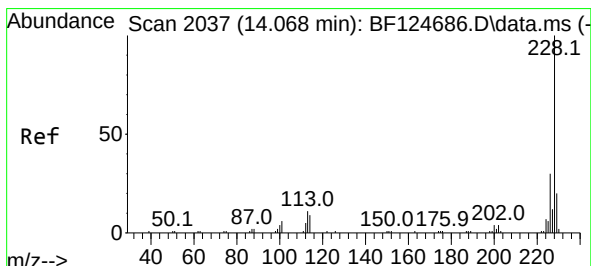
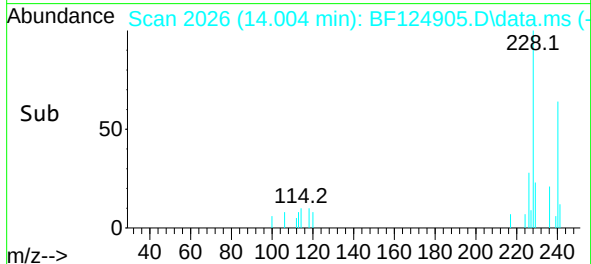
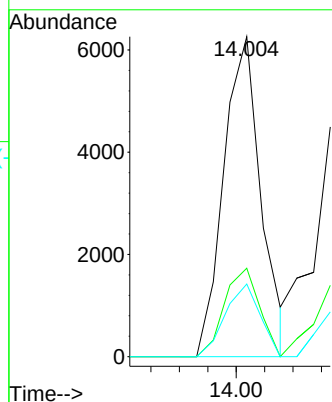
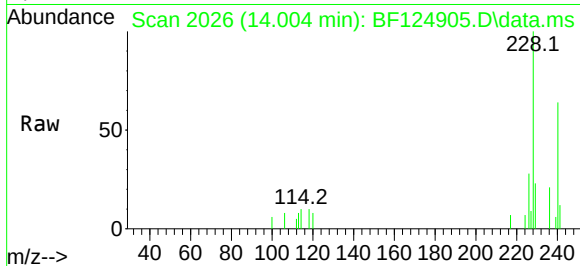




#81
Benzo(a)anthracene
Concen: 7.029 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF124905.D
Acq: 2 Aug 2021 13:38

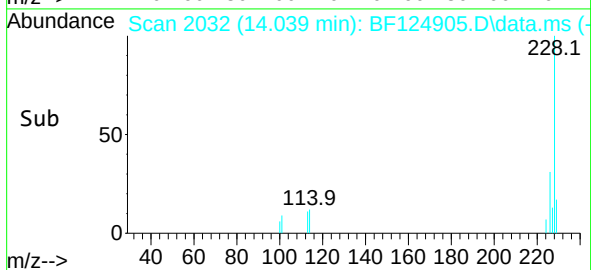
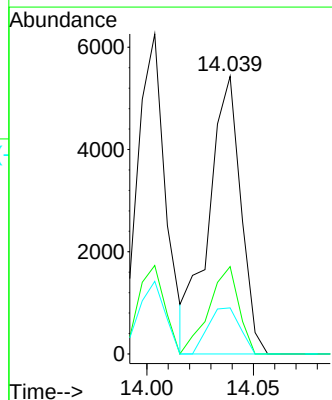
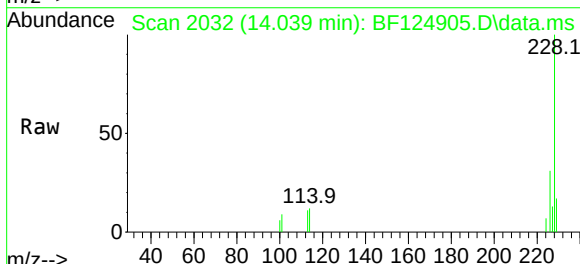
Instrument :
BNA_F
ClientSampleId :
ETGI-357

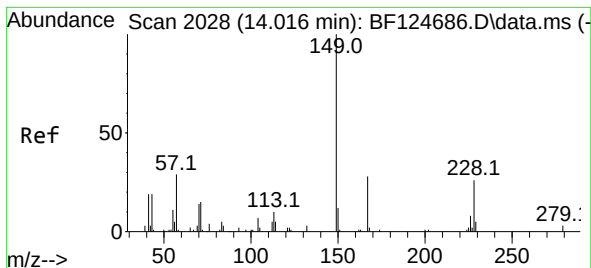
Tgt Ion:228 Resp: 5711
Ion Ratio Lower Upper
228 100
226 27.6 21.6 32.4
229 22.7 15.6 23.4



#83
Chrysene
Concen: 7.268 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF124905.D
Acq: 2 Aug 2021 13:38

Tgt Ion:228 Resp: 5689
Ion Ratio Lower Upper
228 100
226 31.5 22.6 34.0
229 16.6 15.9 23.9

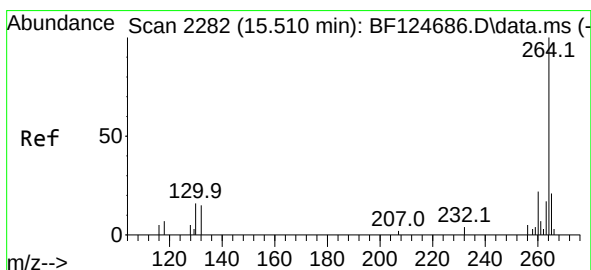
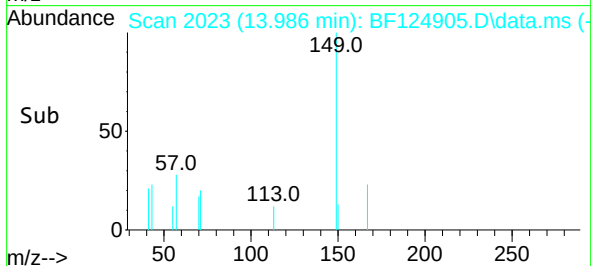
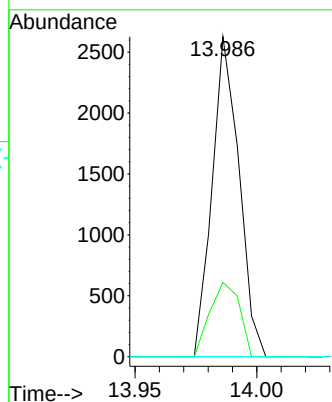
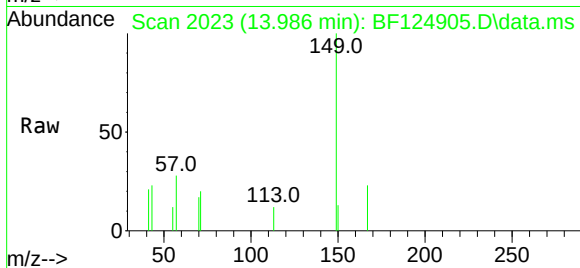




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.900 ng
 RT: 13.986 min Scan# 2023
 Delta R.T. -0.006 min
 Lab File: BF124905.D
 Acq: 2 Aug 2021 13:38

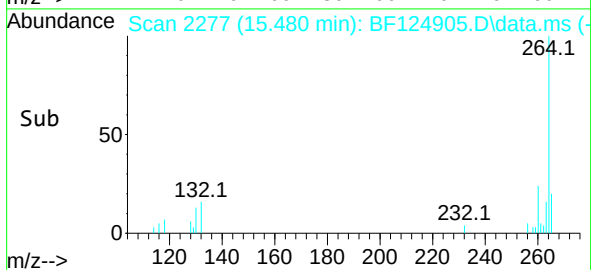
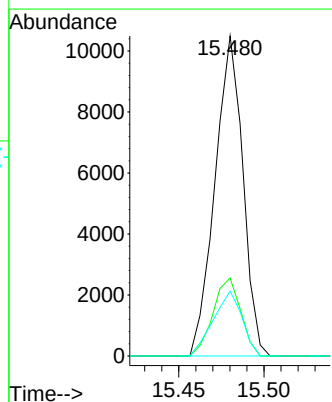
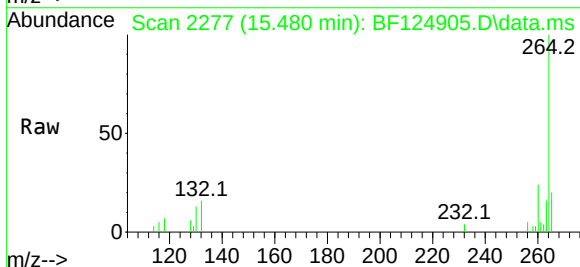
Instrument :
 BNA_F
 ClientSampleId :
 ETGI-357

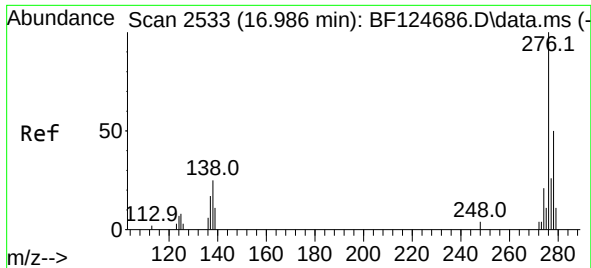
Tgt Ion:149 Resp: 2013
 Ion Ratio Lower Upper
 149 100
 167 23.2 21.4 32.0
 279 0.0 2.6 4.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2277
 Delta R.T. 0.000 min
 Lab File: BF124905.D
 Acq: 2 Aug 2021 13:38

Tgt Ion:264 Resp: 11933
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.6 29.4
 265 20.2 17.2 25.8

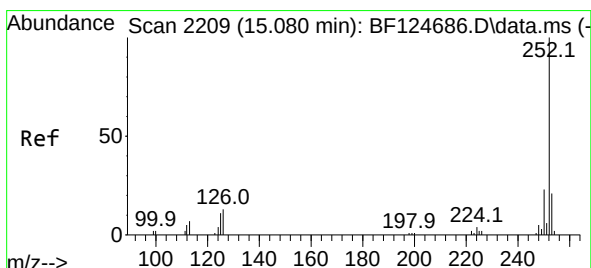
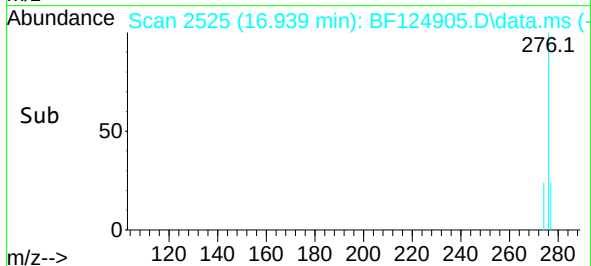
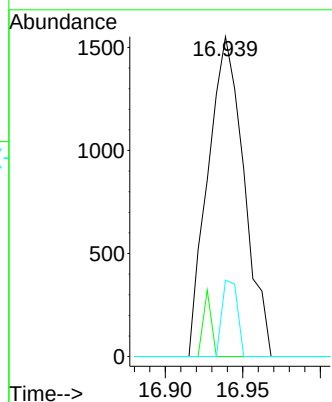
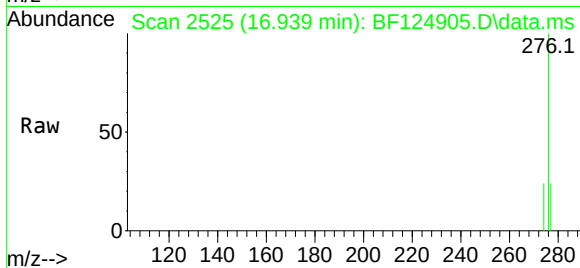




#87
Indeno(1,2,3-cd)pyrene
Concen: 3.640 ng
RT: 16.939 min Scan# 2525
Delta R.T. -0.012 min
Lab File: BF124905.D
Acq: 2 Aug 2021 13:38

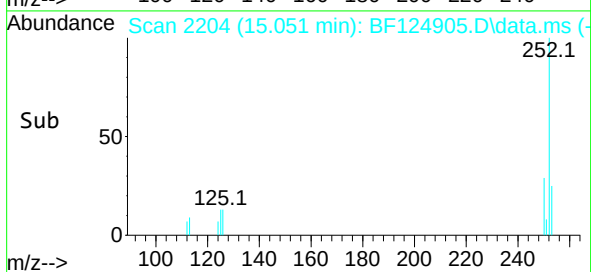
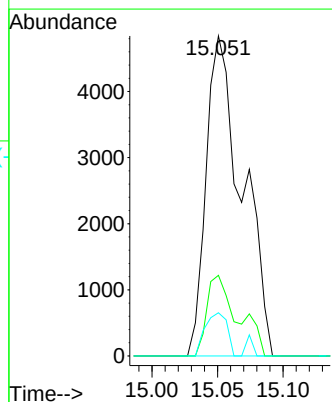
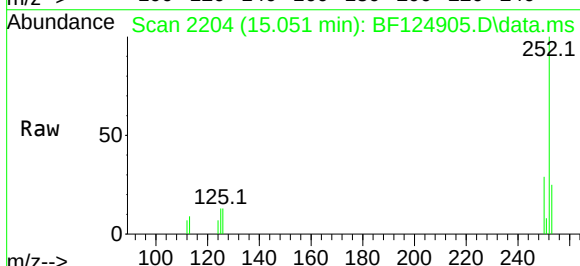
Instrument :
BNA_F
ClientSampleId :
ETGI-357

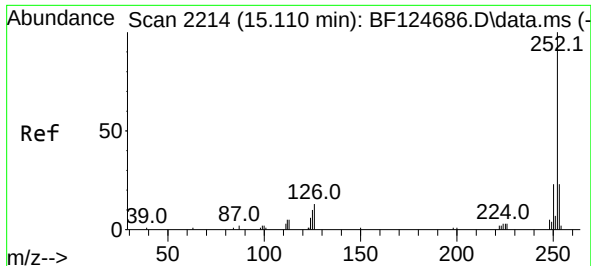
Tgt Ion:276 Resp: 2508
Ion Ratio Lower Upper
276 100
138 4.5 24.1 36.1#
277 10.2 18.8 28.2#



#88
Benzo(b)fluoranthene
Concen: 11.014 ng
RT: 15.051 min Scan# 2204
Delta R.T. -0.006 min
Lab File: BF124905.D
Acq: 2 Aug 2021 13:38

Tgt Ion:252 Resp: 9254
Ion Ratio Lower Upper
252 100
253 25.2 16.8 25.2
125 13.5 9.8 14.8





#89

Benzo(k)fluoranthene

Concen: 12.055 ng

RT: 15.051 min Scan# 2204

Delta R.T. -0.035 min

Lab File: BF124905.D

Acq: 2 Aug 2021 13:38

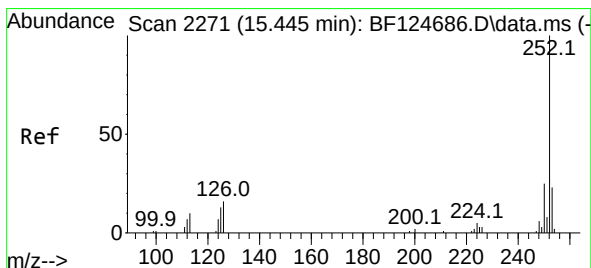
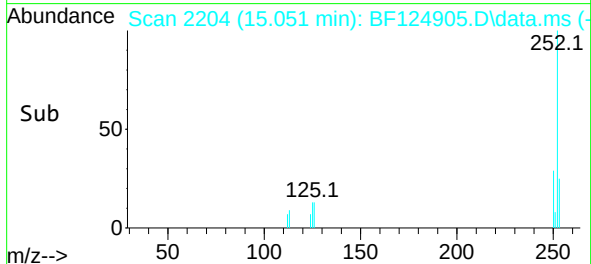
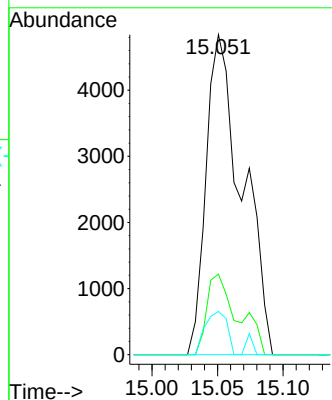
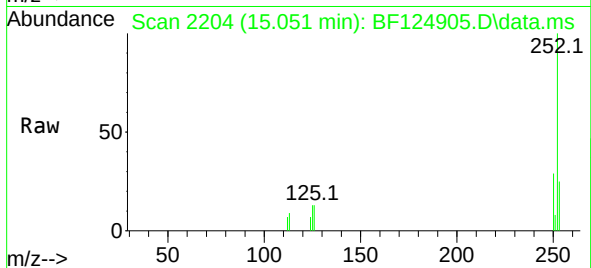
Instrument :

BNA_F

ClientSampleId :

ETGI-357

Tgt Ion:252	Resp:	9254
Ion Ratio	Lower	Upper
252	100	
253	25.2	17.8 26.8
125	13.5	7.2 10.8#



#90

Benzo(a)pyrene

Concen: 6.469 ng

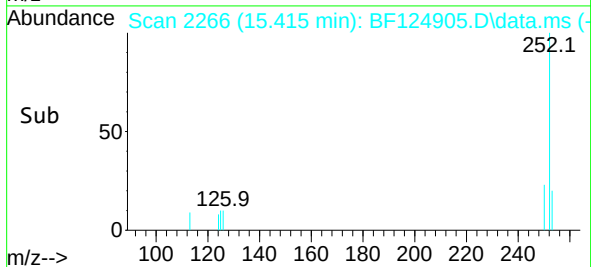
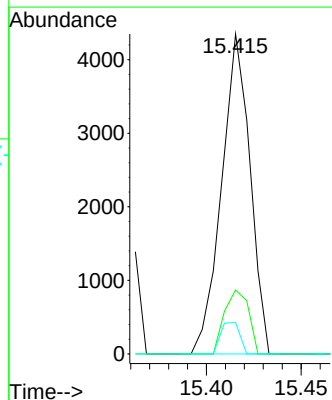
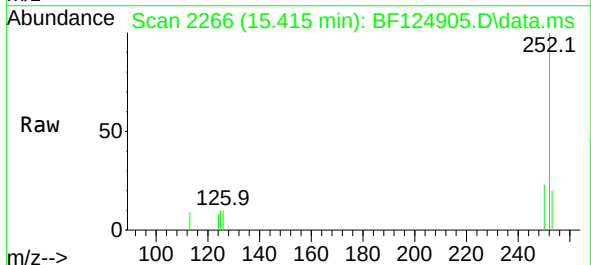
RT: 15.415 min Scan# 2266

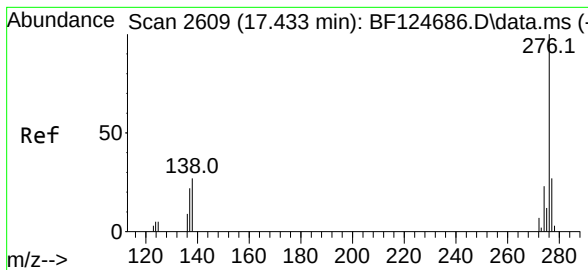
Delta R.T. -0.006 min

Lab File: BF124905.D

Acq: 2 Aug 2021 13:38

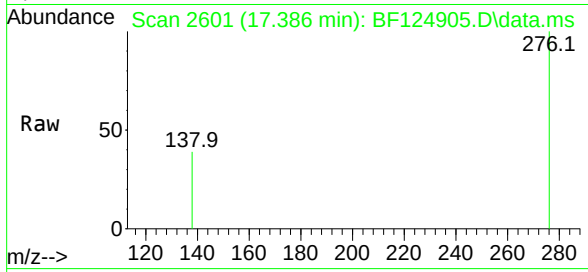
Tgt Ion:252	Resp:	4540
Ion Ratio	Lower	Upper
252	100	
253	20.0	18.4 27.6
125	9.8	9.9 14.9#





#92
 Benzo(g,h,i)perylene
 Concen: 3.565 ng
 RT: 17.386 min Scan# 2601
 Delta R.T. -0.018 min
 Lab File: BF124905.D
 Acq: 2 Aug 2021 13:38

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-357



Tgt Ion: 276 Resp: 2039
 Ion Ratio Lower Upper
 276 100
 277 0.0 22.0 33.0#
 138 39.1 22.2 33.4#

