

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092922\
 Data File : BF130474.D
 Acq On : 29 Sep 2022 19:16
 Operator : CG\JU
 Sample : N4868-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-349-ETGI

Quant Time: Sep 30 03:09:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

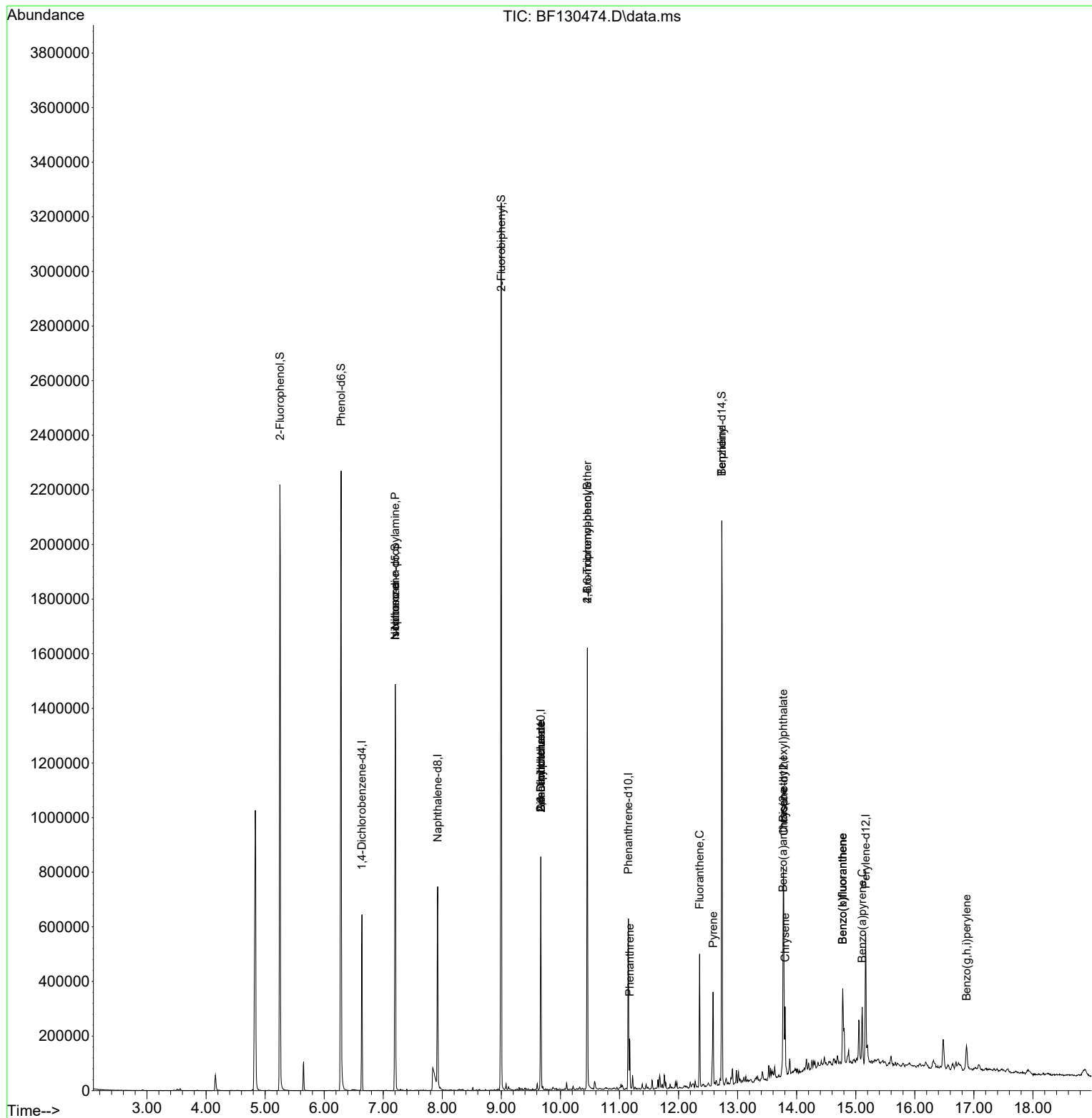
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.640	152	91808	20.000	ng	0.00
21) Naphthalene-d8	7.922	136	330871	20.000	ng	# 0.00
39) Acenaphthene-d10	9.669	164	160015	20.000	ng	-0.01
64) Phenanthrene-d10	11.151	188	226186	20.000	ng	# 0.00
76) Chrysene-d12	13.780	240	156416	20.000	ng	-0.01
86) Perylene-d12	15.168	264	195838	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.251	112	669286	126.444	ng	0.00
7) Phenol-d6	6.287	99	812939	122.745	ng	0.00
23) Nitrobenzene-d5	7.204	82	527573	81.460	ng	-0.01
42) 2,4,6-Tribromophenol	10.457	330	177906	116.032	ng	-0.01
45) 2-Fluorobiphenyl	8.998	172	953737	86.793	ng	-0.01
79) Terphenyl-d14	12.733	244	696191	73.729	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.204	70	70542	15.785	ng	# 73
25) Isophorone	7.204	82	526984	50.485	ng	# 66
50) Dimethylphthalate	9.669	163	29337	2.654	ng	# 1
51) 2,6-Dinitrotoluene	9.669	165	20666	8.940	ng	# 16
57) 2,4-Dinitrotoluene	9.669	165	20666	6.995	ng	# 16
67) 4-Bromophenyl-phenylether	10.457	248	10779	4.320	ng	# 1
71) Phenanthrene	11.175	178	68155	5.367	ng	99
75) Fluoranthene	12.357	202	171642	13.988	ng	97
77) Benzidine	12.733	184	10000	2.202	ng	# 92
78) Pyrene	12.586	202	147777	10.800	ng	98
81) Benzo(a)anthracene	13.768	228	93025	8.940	ng	99
83) Chrysene	13.804	228	84622	8.565	ng	95
84) Bis(2-ethylhexyl)phtha...	13.774	149	64595	11.125	ng	# 99
88) Benzo(b)fluoranthene	14.780	252	181383	14.190	ng	99
89) Benzo(k)fluoranthene	14.780	252	181383	14.425	ng	99
90) Benzo(a)pyrene	15.110	252	88132	8.703	ng	96
92) Benzo(g,h,i)perylene	16.874	276	64652	5.633	ng	96

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

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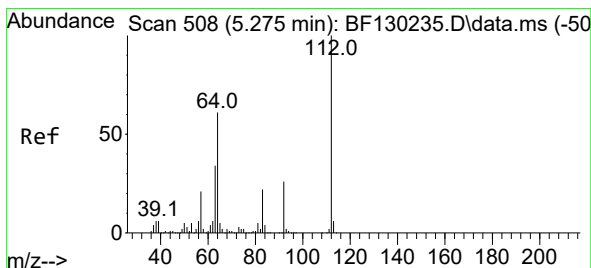
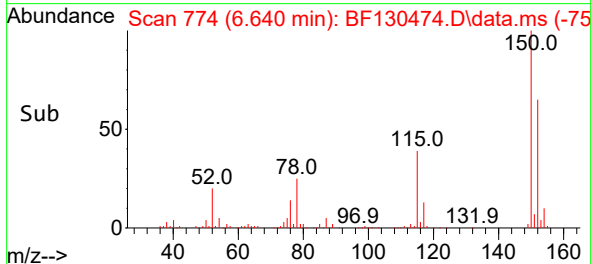
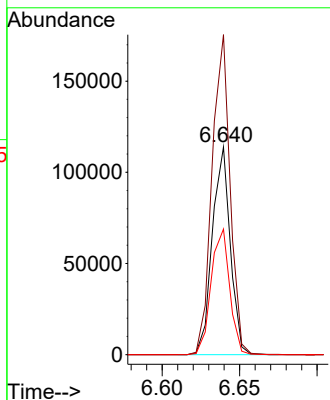
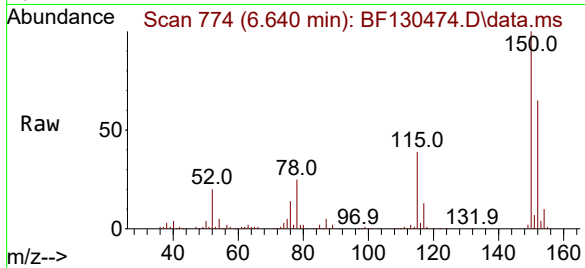




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.640 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF130474.D
Acq: 29 Sep 2022 19:16

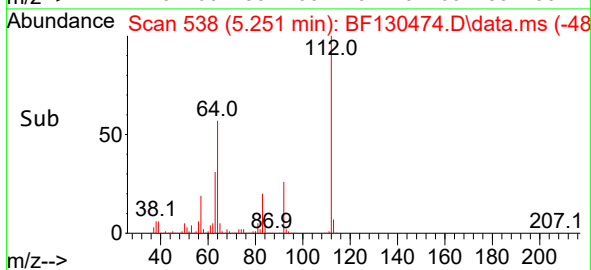
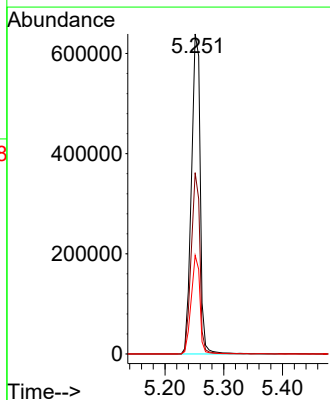
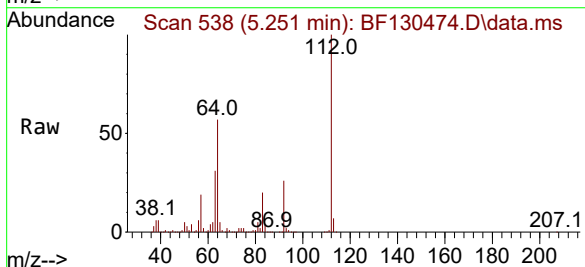
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-349-ETGI

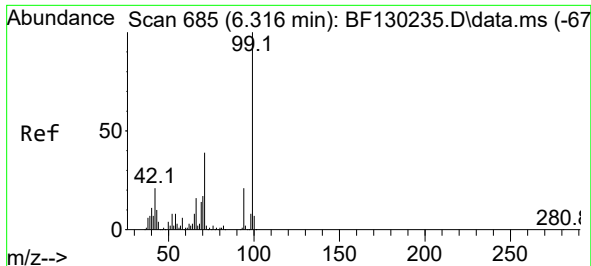
Tgt Ion:152 Resp: 91808
Ion Ratio Lower Upper
152 100
150 154.1 122.8 184.2
115 60.5 53.8 80.8



#5
2-Fluorophenol
Concen: 126.444 ng
RT: 5.251 min Scan# 538
Delta R.T. 0.006 min
Lab File: BF130474.D
Acq: 29 Sep 2022 19:16

Tgt Ion:112 Resp: 669286
Ion Ratio Lower Upper
112 100
64 56.7 51.4 77.0
63 30.8 28.8 43.2

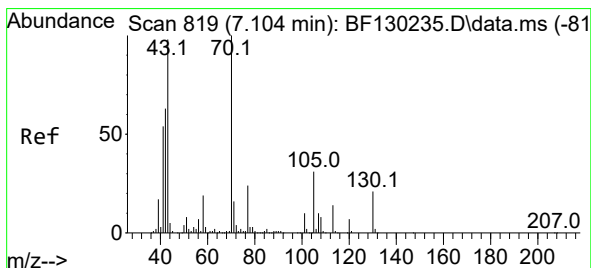
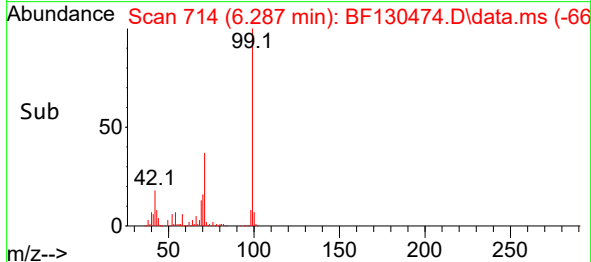
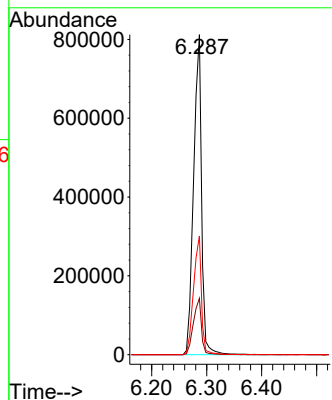
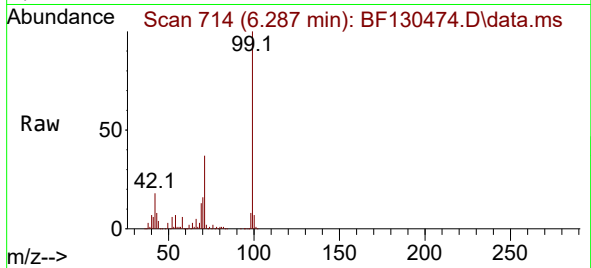




#7
Phenol-d6
Concen: 122.745 ng
RT: 6.287 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130474.D
Acq: 29 Sep 2022 19:16

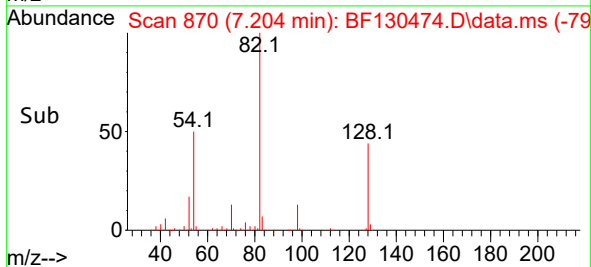
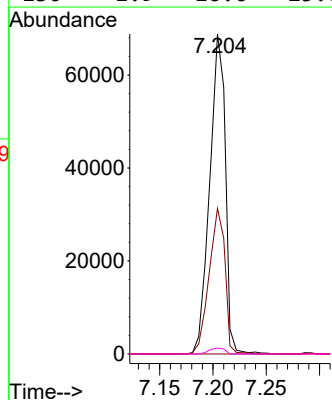
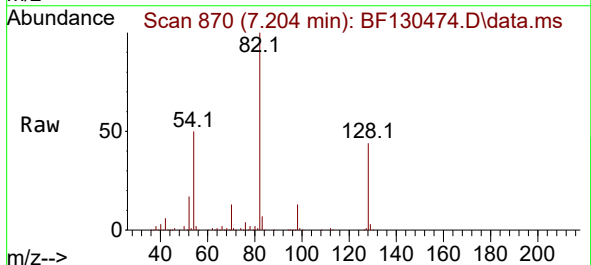
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-349-ETGI

Tgt Ion: 99 Resp: 812939
Ion Ratio Lower Upper
99 100
42 17.6 17.0 25.6
71 37.1 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 15.785 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.135 min
Lab File: BF130474.D
Acq: 29 Sep 2022 19:16

Tgt Ion: 70 Resp: 70542
Ion Ratio Lower Upper
70 100
42 45.5 50.8 76.2#
101 0.0 8.2 12.4#
130 1.9 16.6 25.0#

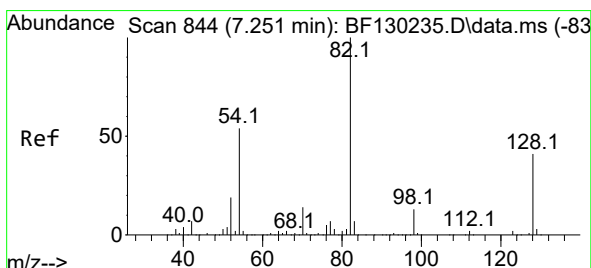
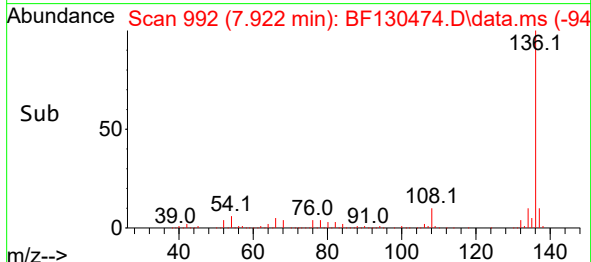
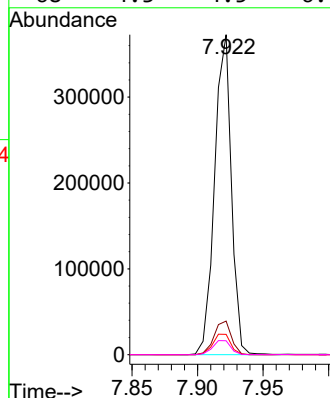
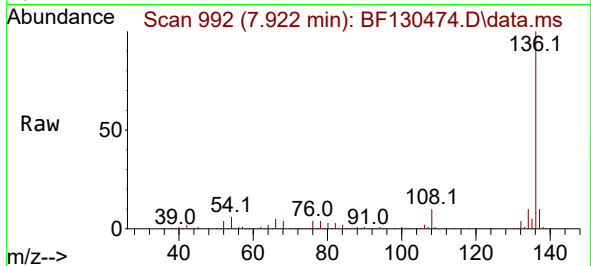




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.922 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130474.D
Acq: 29 Sep 2022 19:16

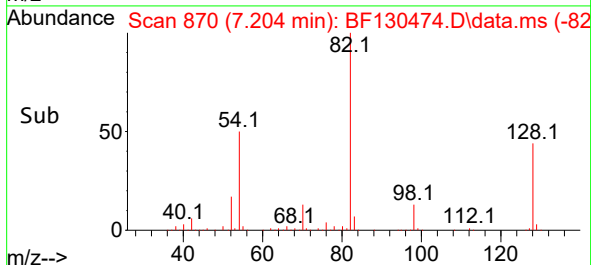
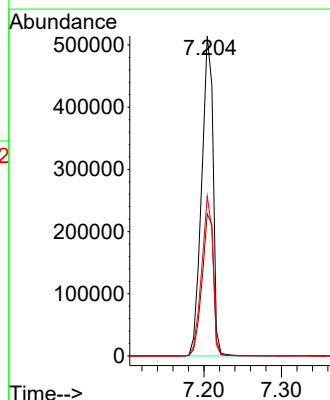
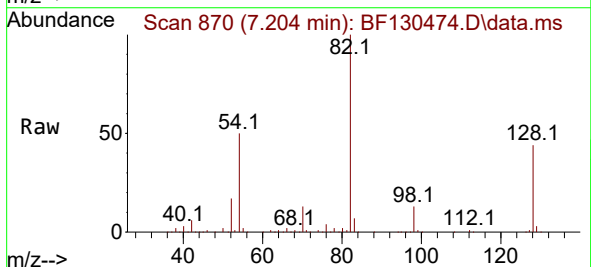
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-349-ETGI

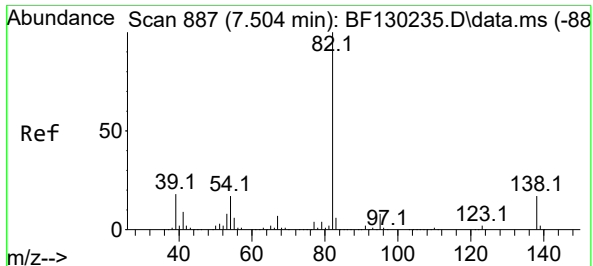
Tgt Ion:136 Resp: 330871
Ion Ratio Lower Upper
136 100
137 10.5 9.1 13.7
54 6.3 7.1 10.7#
68 4.3 4.5 6.7#



#23
Nitrobenzene-d5
Concen: 81.460 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF130474.D
Acq: 29 Sep 2022 19:16

Tgt Ion: 82 Resp: 527573
Ion Ratio Lower Upper
82 100
128 44.4 32.6 49.0
54 50.0 43.8 65.6

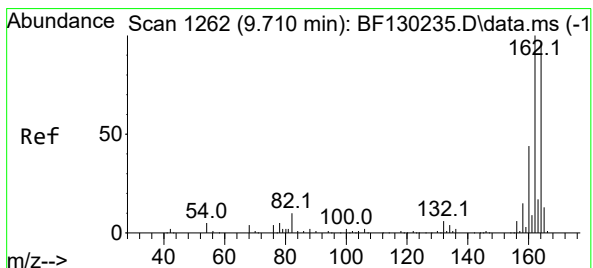
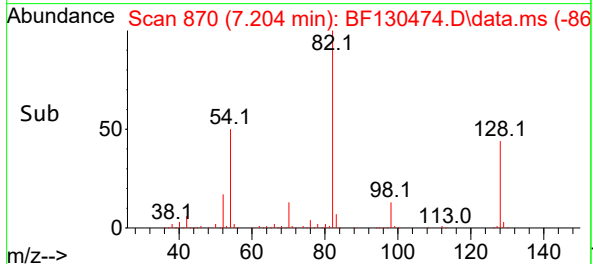
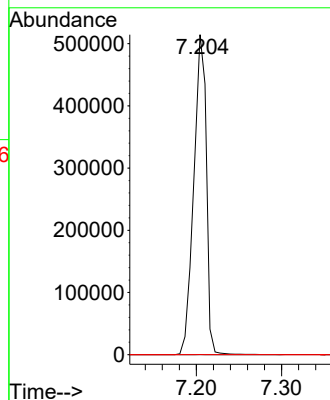
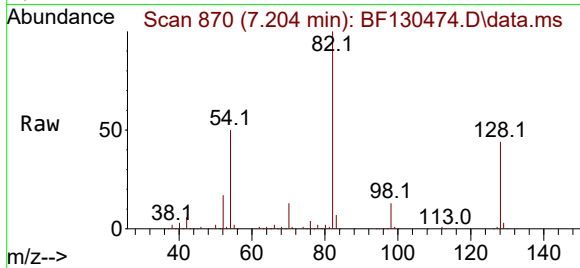




#25
Isophorone
Concen: 50.485 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF130474.D
Acq: 29 Sep 2022 19:16

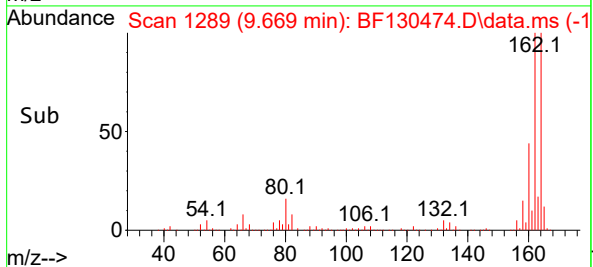
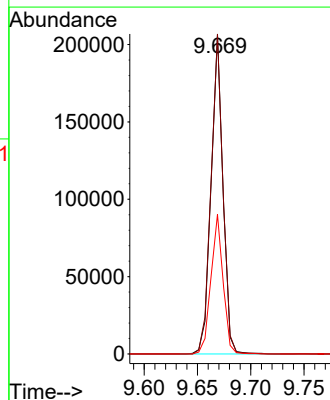
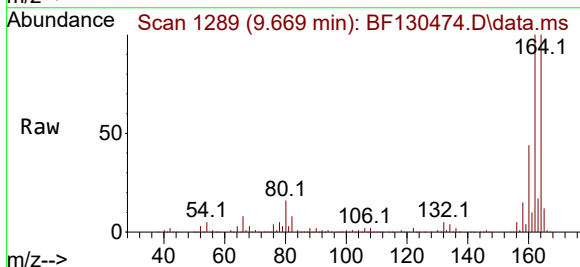
Instrument :
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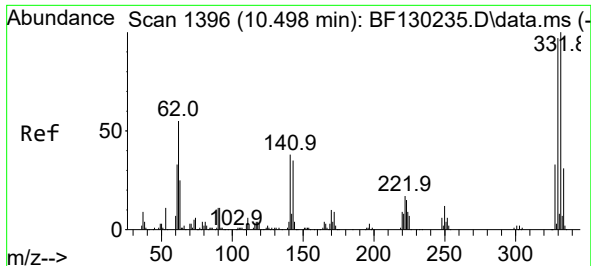
Tgt Ion: 82 Resp: 526984
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF130474.D
Acq: 29 Sep 2022 19:16

Tgt Ion: 164 Resp: 160015
Ion Ratio Lower Upper
164 100
162 99.8 81.4 122.0
160 43.6 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 116.032 ng

RT: 10.457 min Scan# 1423

Delta R.T. -0.012 min

Lab File: BF130474.D

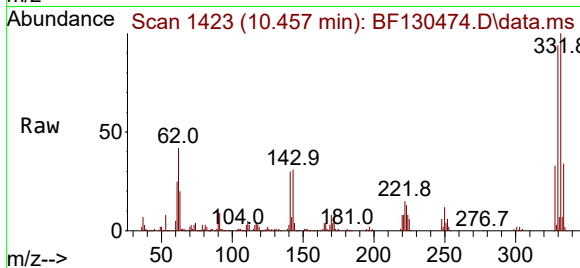
Acq: 29 Sep 2022 19:16

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-349-ETGI



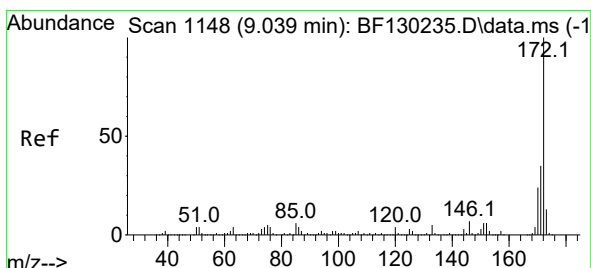
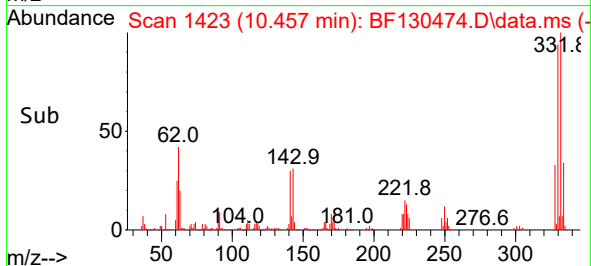
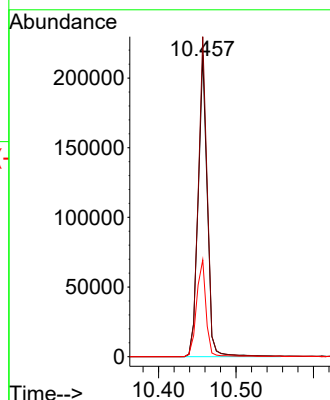
Tgt Ion:330 Resp: 177906

Ion Ratio Lower Upper

330 100

332 104.0 83.4 125.2

141 33.1 34.0 51.0#



#45

2-Fluorobiphenyl

Concen: 86.793 ng

RT: 8.998 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BF130474.D

Acq: 29 Sep 2022 19:16

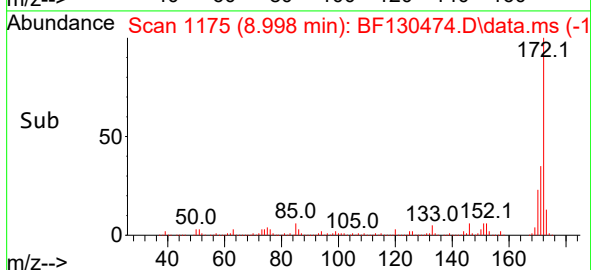
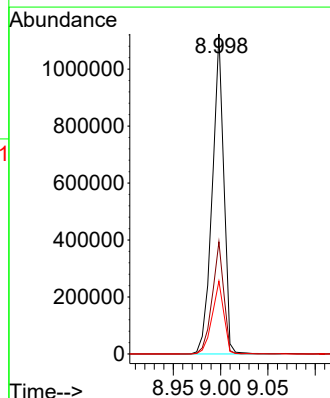
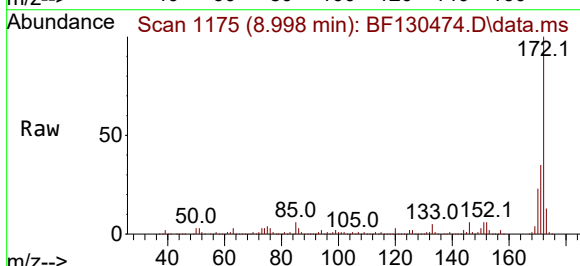
Tgt Ion:172 Resp: 953737

Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 22.8 18.7 28.1

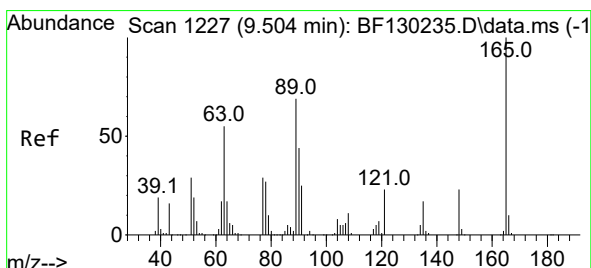
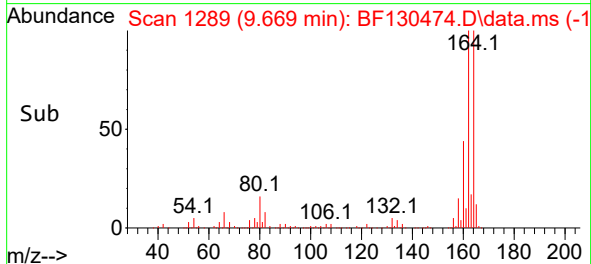
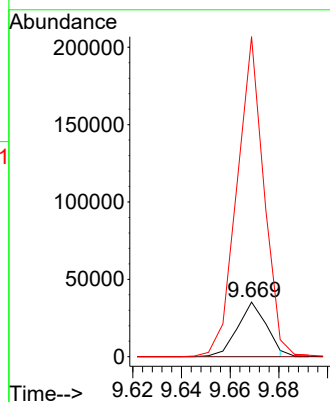
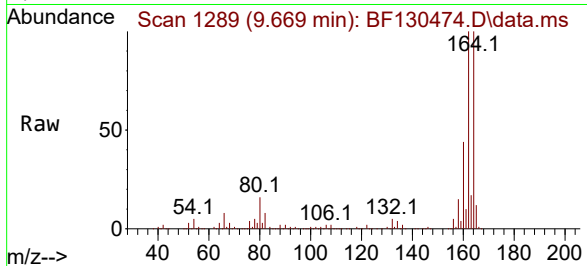




#50
Dimethylphthalate
Concen: 2.654 ng
RT: 9.669 min Scan# 1289
Delta R.T. 0.253 min
Lab File: BF130474.D
Acq: 29 Sep 2022 19:16

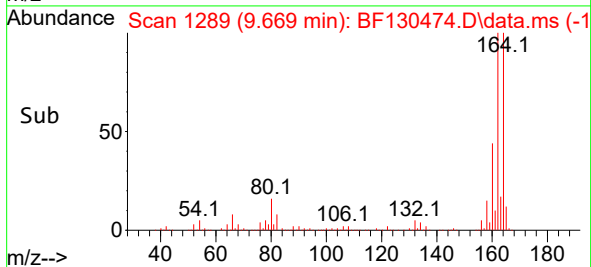
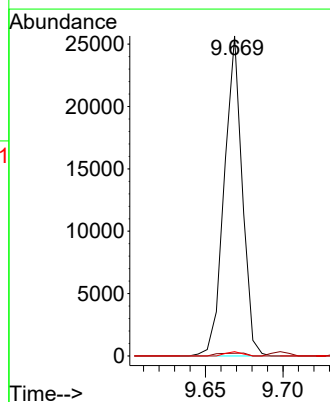
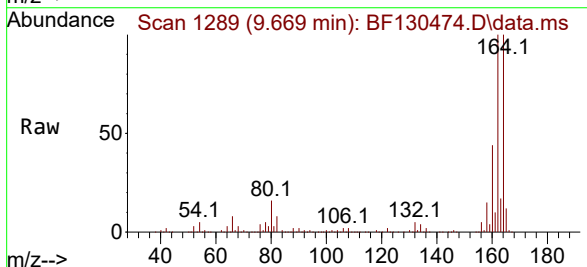
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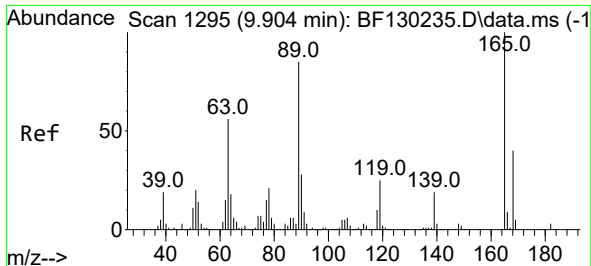
Tgt Ion:163 Resp: 29337
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 586.8 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.940 ng
RT: 9.669 min Scan# 1289
Delta R.T. 0.194 min
Lab File: BF130474.D
Acq: 29 Sep 2022 19:16

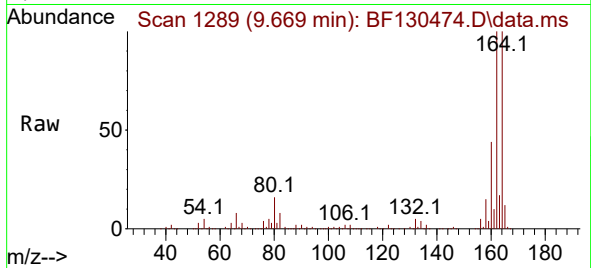
Tgt Ion:165 Resp: 20666
Ion Ratio Lower Upper
165 100
63 0.9 58.8 88.2#
89 1.4 54.5 81.7#



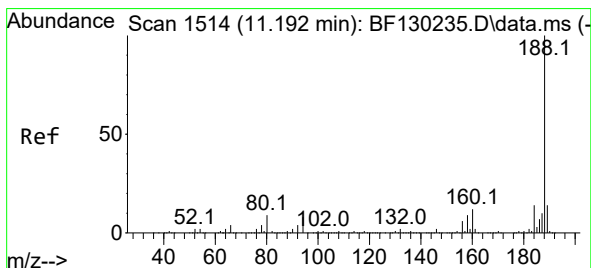
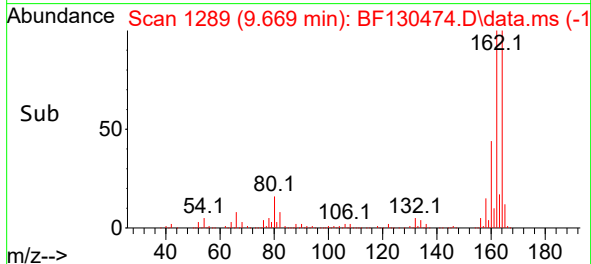
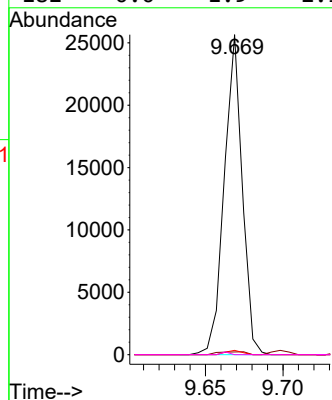


#57
2,4-Dinitrotoluene
Concen: 6.995 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.206 min
Lab File: BF130474.D
Acq: 29 Sep 2022 19:16

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-349-ETGI

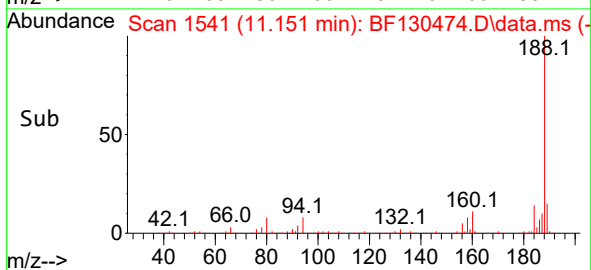
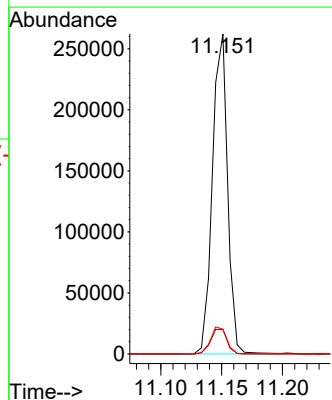
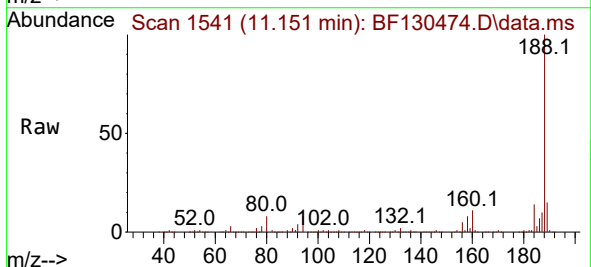


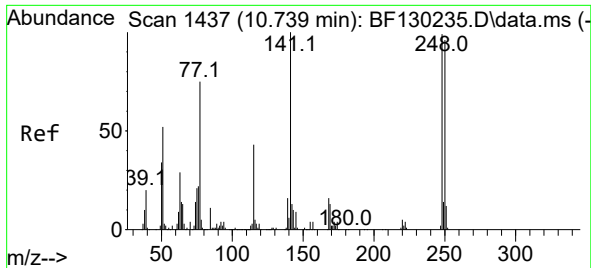
Tgt Ion:165 Resp: 20666
Ion Ratio Lower Upper
165 100
63 0.9 44.7 67.1#
89 1.4 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.151 min Scan# 1541
Delta R.T. -0.006 min
Lab File: BF130474.D
Acq: 29 Sep 2022 19:16

Tgt Ion:188 Resp: 226186
Ion Ratio Lower Upper
188 100
94 7.6 7.4 11.2
80 7.7 7.9 11.9#

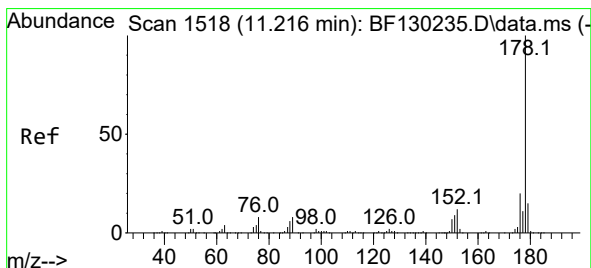
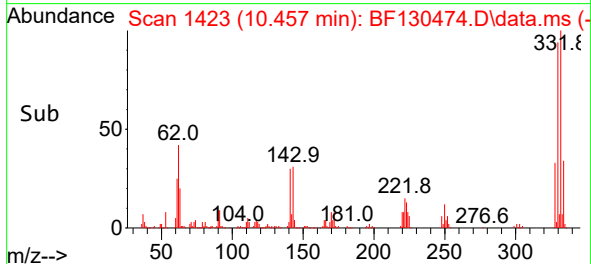
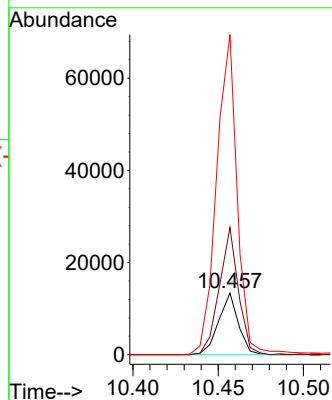
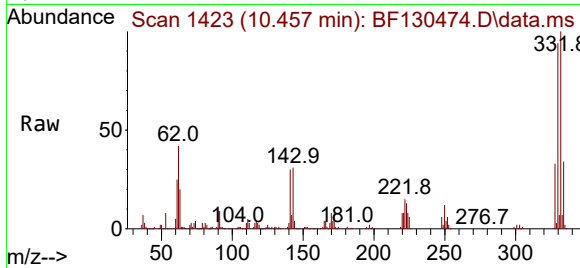




#67
4-Bromophenyl-phenylether
Concen: 4.320 ng
RT: 10.457 min Scan# 1437
Delta R.T. -0.253 min
Lab File: BF130474.D
Acq: 29 Sep 2022 19:16

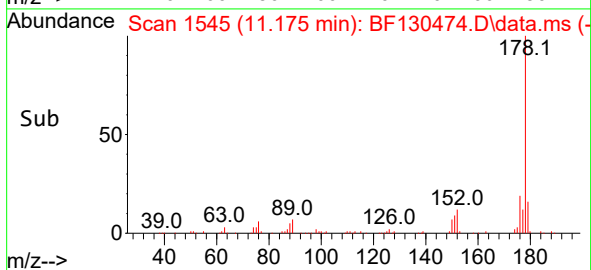
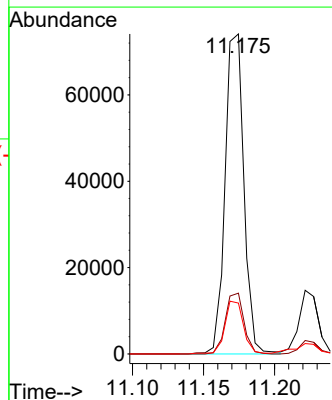
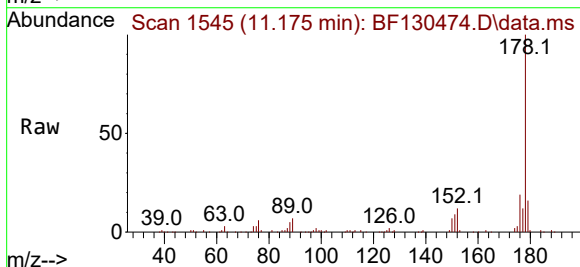
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-349-ETGI

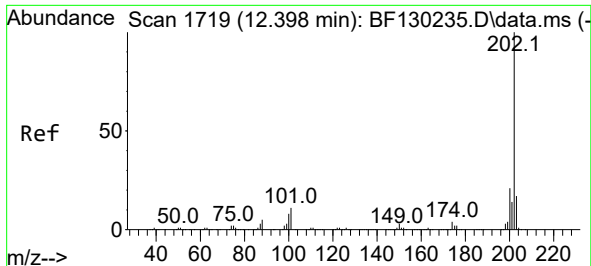
Tgt Ion:248 Resp: 10779
Ion Ratio Lower Upper
248 100
250 206.7 80.0 120.0#
141 519.9 68.5 102.7#



#71
Phenanthrene
Concen: 5.367 ng
RT: 11.175 min Scan# 1545
Delta R.T. -0.012 min
Lab File: BF130474.D
Acq: 29 Sep 2022 19:16

Tgt Ion:178 Resp: 68155
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.9 12.4 18.6

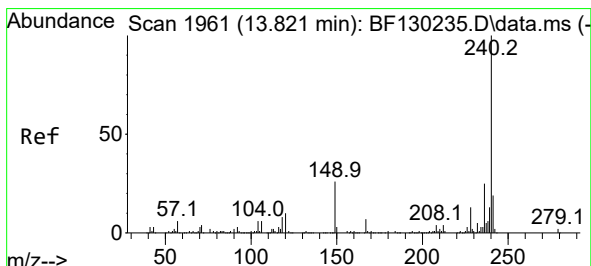
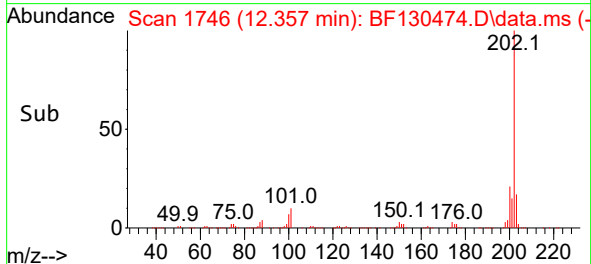
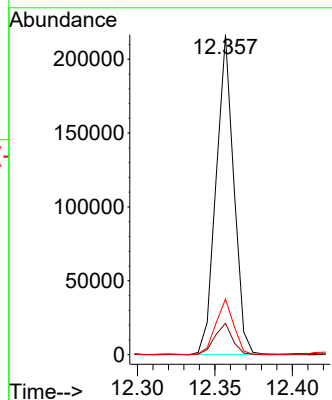
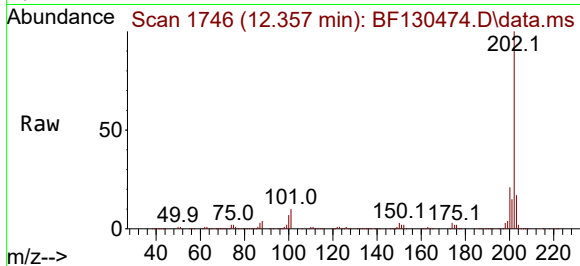




#75
Fluoranthene
Concen: 13.988 ng
RT: 12.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130474.D
Acq: 29 Sep 2022 19:16

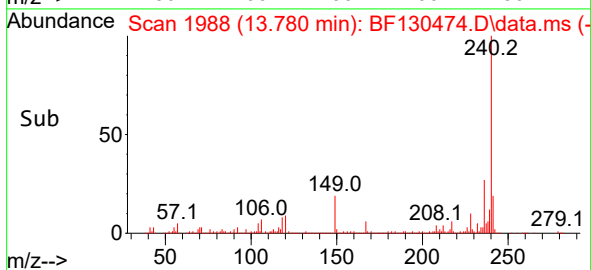
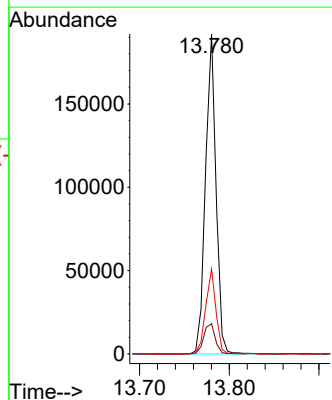
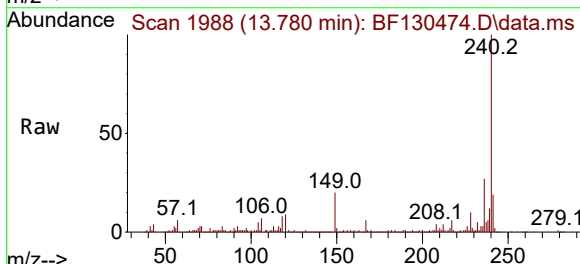
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-349-ETGI

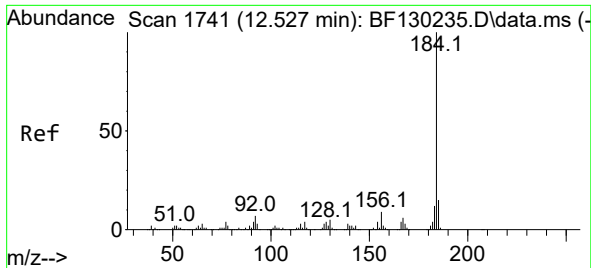
Tgt Ion:202 Resp: 171642
Ion Ratio Lower Upper
202 100
101 9.8 0.0 31.8
203 17.4 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.780 min Scan# 1988
Delta R.T. -0.012 min
Lab File: BF130474.D
Acq: 29 Sep 2022 19:16

Tgt Ion:240 Resp: 156416
Ion Ratio Lower Upper
240 100
120 9.4 8.7 13.1
236 26.6 20.9 31.3

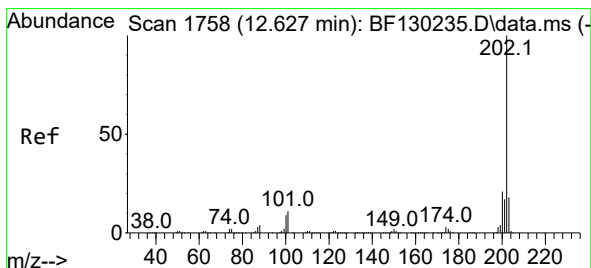
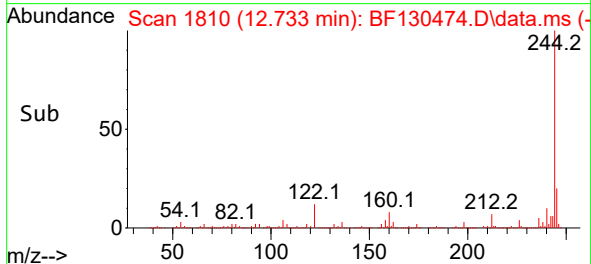
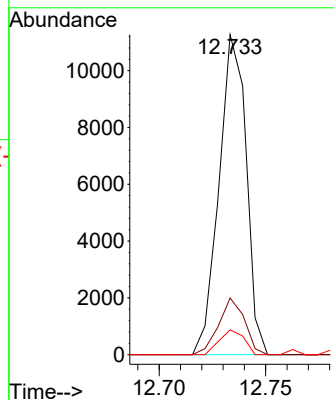
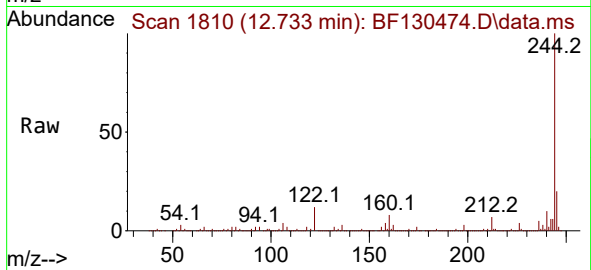




#77
Benzidine
Concen: 2.202 ng
RT: 12.733 min Scan# 1810
Delta R.T. 0.235 min
Lab File: BF130474.D
Acq: 29 Sep 2022 19:16

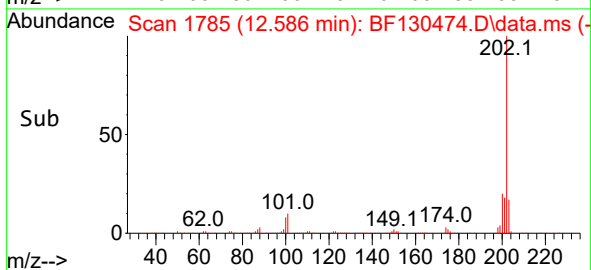
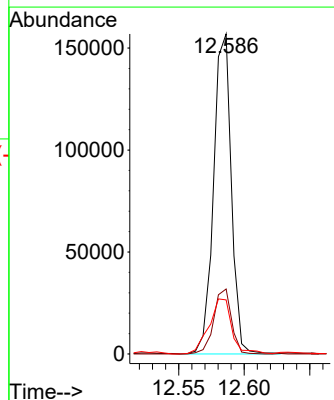
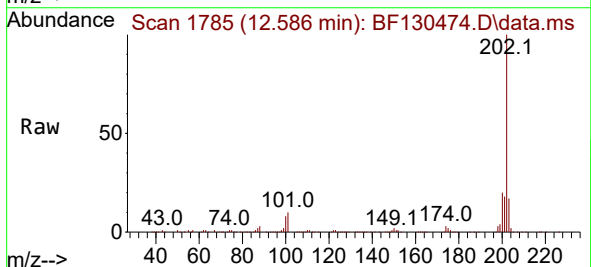
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-349-ETGI

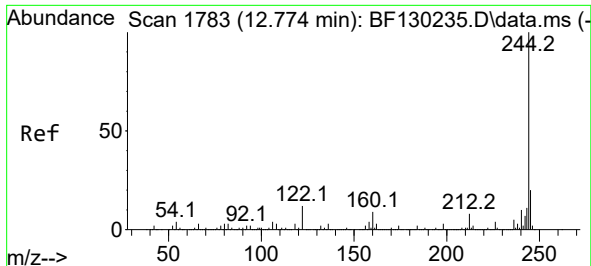
Tgt Ion:184 Resp: 10000
Ion Ratio Lower Upper
184 100
185 17.7 11.8 17.6#
183 7.8 9.1 13.7#



#78
Pyrene
Concen: 10.800 ng
RT: 12.586 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BF130474.D
Acq: 29 Sep 2022 19:16

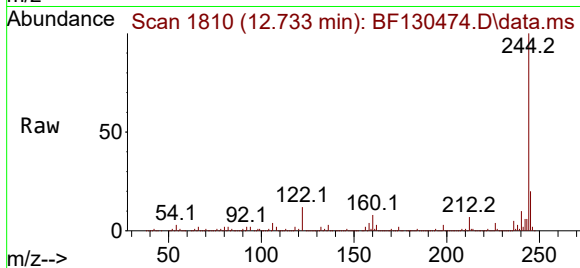
Tgt Ion:202 Resp: 147777
Ion Ratio Lower Upper
202 100
200 20.3 17.2 25.8
203 16.9 14.3 21.5



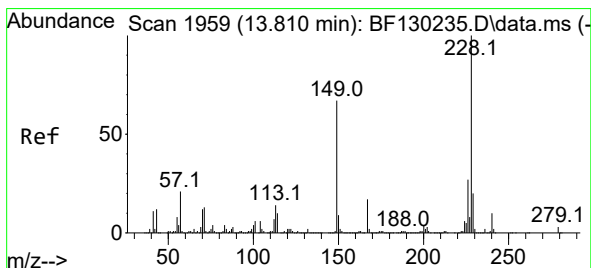
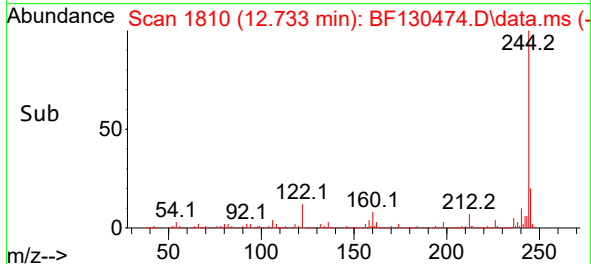
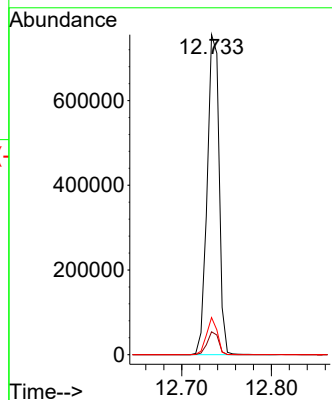


#79
 Terphenyl-d14
 Concen: 73.729 ng
 RT: 12.733 min Scan# 1810
 Delta R.T. -0.012 min
 Lab File: BF130474.D
 Acq: 29 Sep 2022 19:16

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-349-ETGI

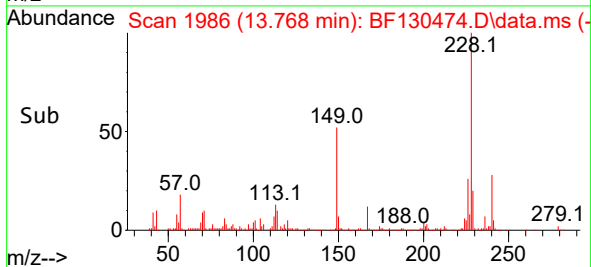
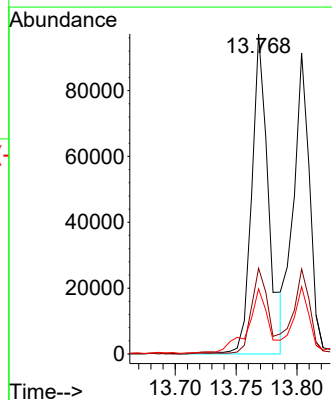
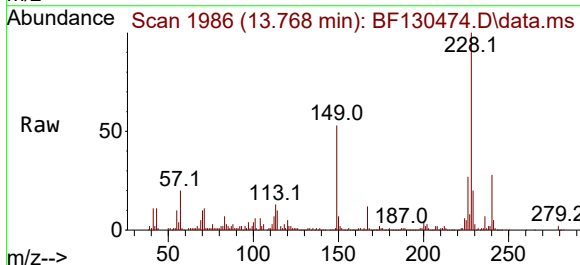


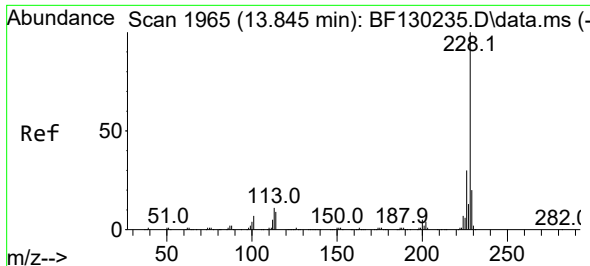
Tgt Ion:244 Resp: 696191
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 11.6 8.5 12.7



#81
 Benzo(a)anthracene
 Concen: 8.940 ng
 RT: 13.768 min Scan# 1986
 Delta R.T. -0.012 min
 Lab File: BF130474.D
 Acq: 29 Sep 2022 19:16

Tgt Ion:228 Resp: 93025
 Ion Ratio Lower Upper
 228 100
 226 26.8 21.9 32.9
 229 20.3 16.1 24.1

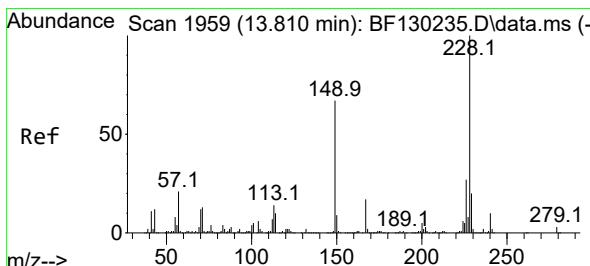
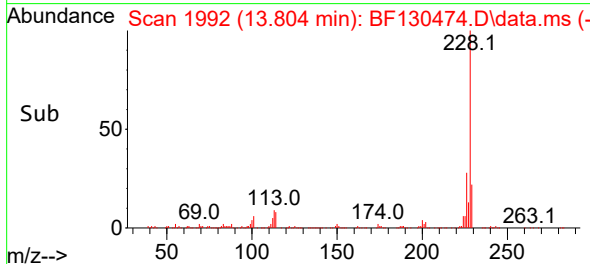
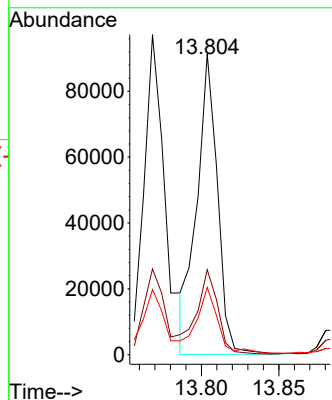
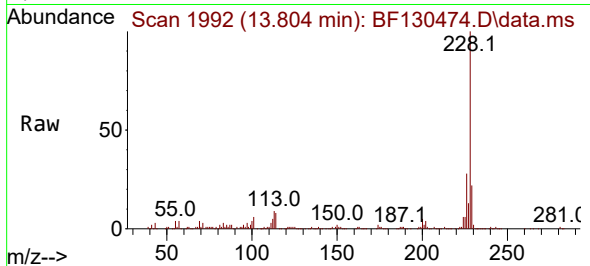




#83
Chrysene
Concen: 8.565 ng
RT: 13.804 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BF130474.D
Acq: 29 Sep 2022 19:16

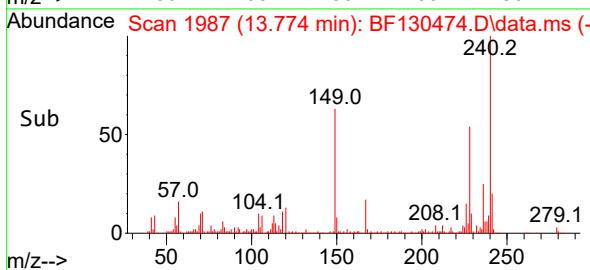
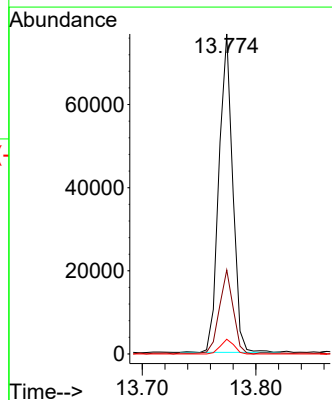
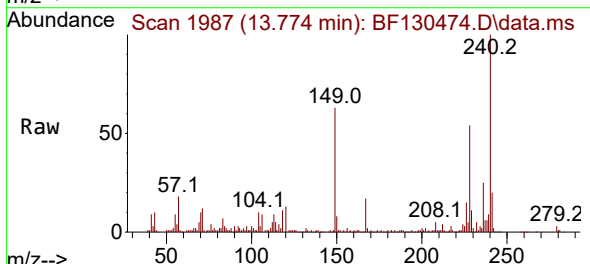
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-349-ETGI

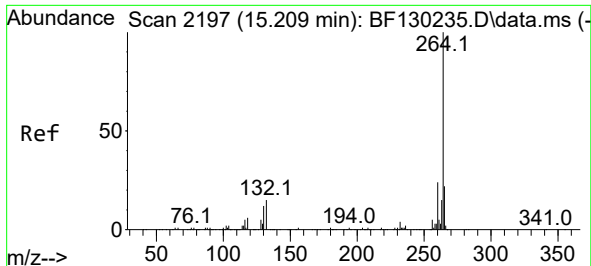
Tgt Ion:228 Resp: 84622
Ion Ratio Lower Upper
228 100
226 28.2 23.8 35.8
229 22.3 15.3 22.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 11.125 ng
RT: 13.774 min Scan# 1987
Delta R.T. -0.006 min
Lab File: BF130474.D
Acq: 29 Sep 2022 19:16

Tgt Ion:149 Resp: 64595
Ion Ratio Lower Upper
149 100
167 26.2 20.5 30.7
279 4.6 2.9 4.3#



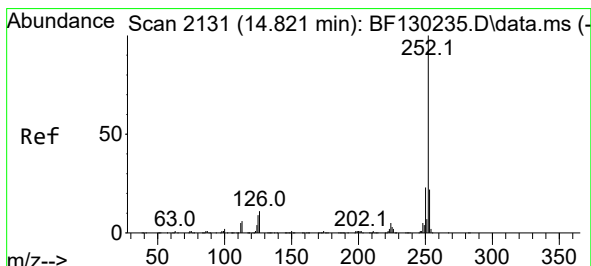
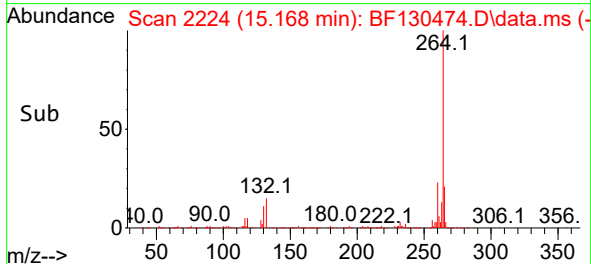
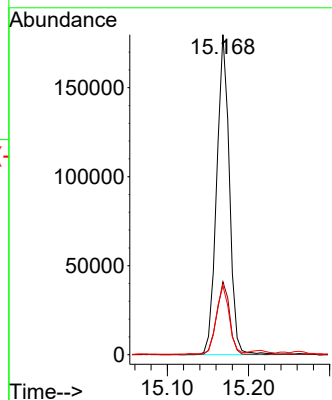
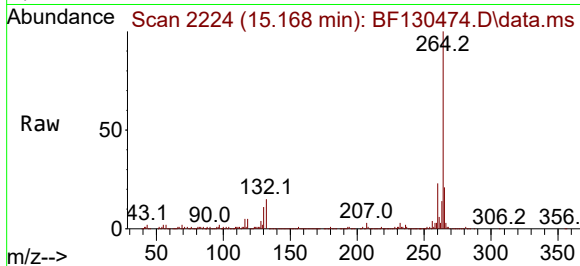


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.168 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF130474.D
Acq: 29 Sep 2022 19:16

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-349-ETGI

Tgt Ion:264 Resp: 195838

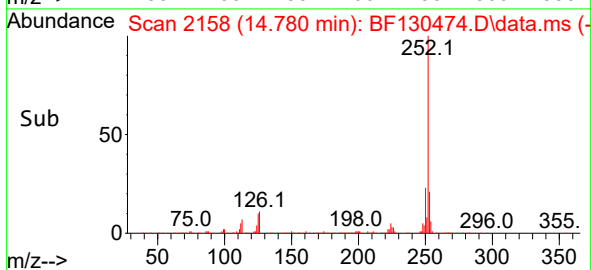
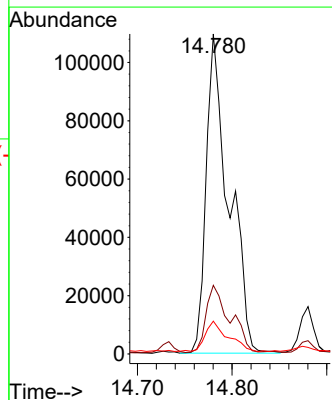
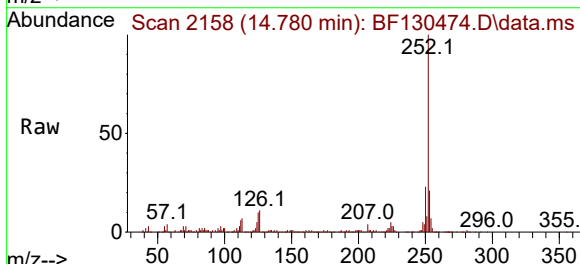
Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.3	28.9
265	21.5	17.0	25.4

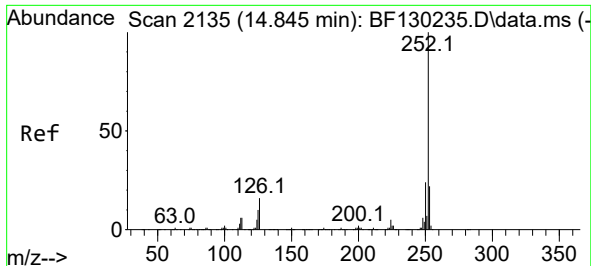


#88
Benzo(b)fluoranthene
Concen: 14.190 ng
RT: 14.780 min Scan# 2158
Delta R.T. -0.006 min
Lab File: BF130474.D
Acq: 29 Sep 2022 19:16

Tgt Ion:252 Resp: 181383

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.7	26.5
125	10.3	8.1	12.1





#89

Benzo(k)fluoranthene

Concen: 14.425 ng

RT: 14.780 min Scan# 2114

Delta R.T. -0.035 min

Lab File: BF130474.D

Acq: 29 Sep 2022 19:16

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-349-ETGI

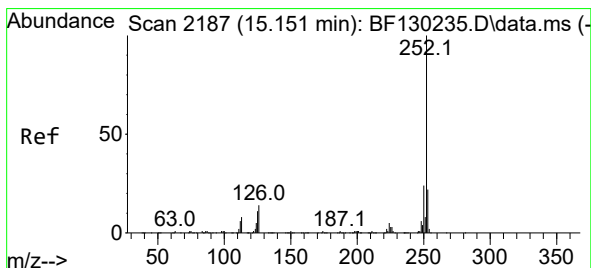
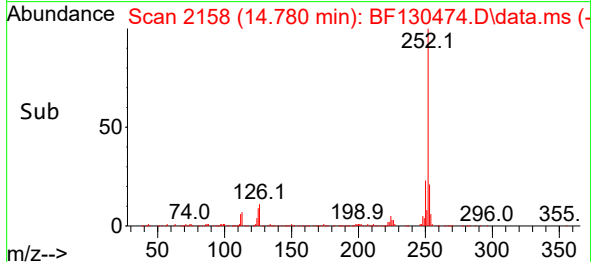
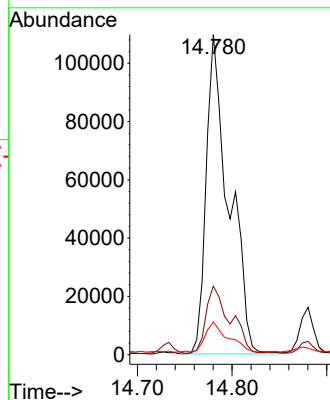
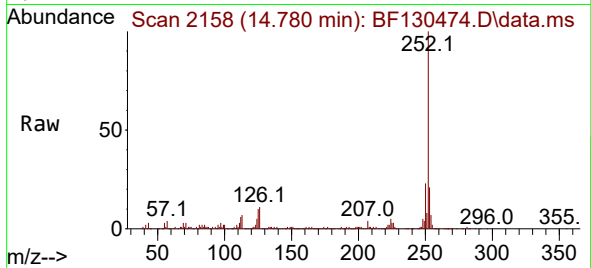
Tgt Ion:252 Resp: 181383

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

125 10.3 7.9 11.9



#90

Benzo(a)pyrene

Concen: 8.703 ng

RT: 15.110 min Scan# 2214

Delta R.T. -0.006 min

Lab File: BF130474.D

Acq: 29 Sep 2022 19:16

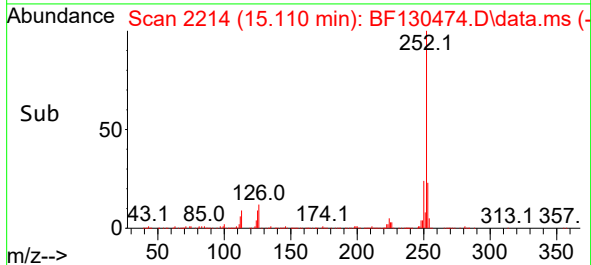
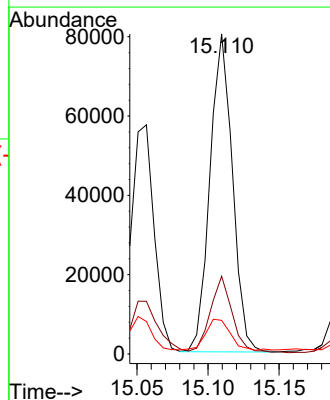
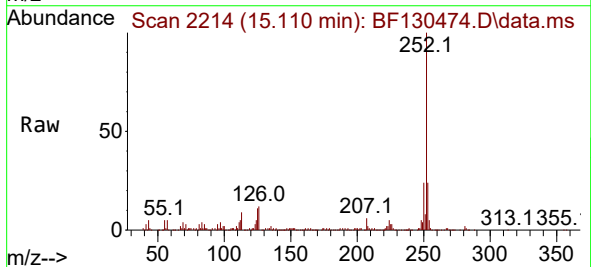
Tgt Ion:252 Resp: 88132

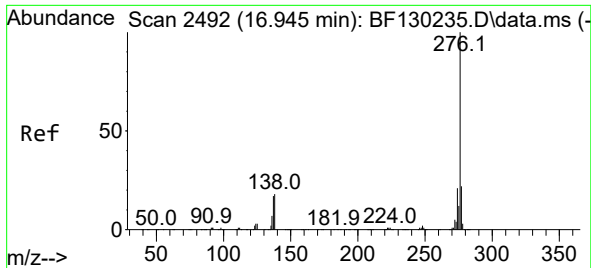
Ion Ratio Lower Upper

252 100

253 24.3 17.8 26.6

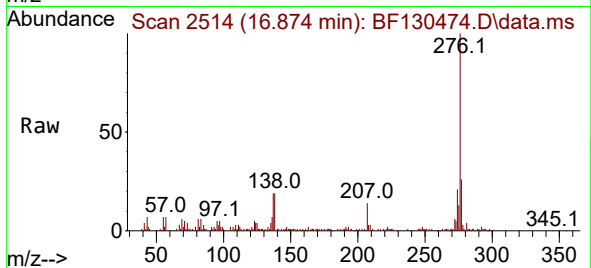
125 10.5 9.0 13.6





#92
 Benzo(g,h,i)perylene
 Concen: 5.633 ng
 RT: 16.874 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BF130474.D
 Acq: 29 Sep 2022 19:16

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-349-ETGI



Tgt Ion: 276 Resp: 64652
 Ion Ratio Lower Upper
 276 100
 277 26.0 18.6 27.8
 138 18.9 14.6 21.8

