

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082421\
 Data File : BF125197.D
 Acq On : 24 Aug 2021 21:43
 Operator : JU/CG
 Sample : M3489-09RE
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2-GSLAB

Quant Time: Aug 25 04:38:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 24 12:39:21 2021
 Response via : Initial Calibration

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

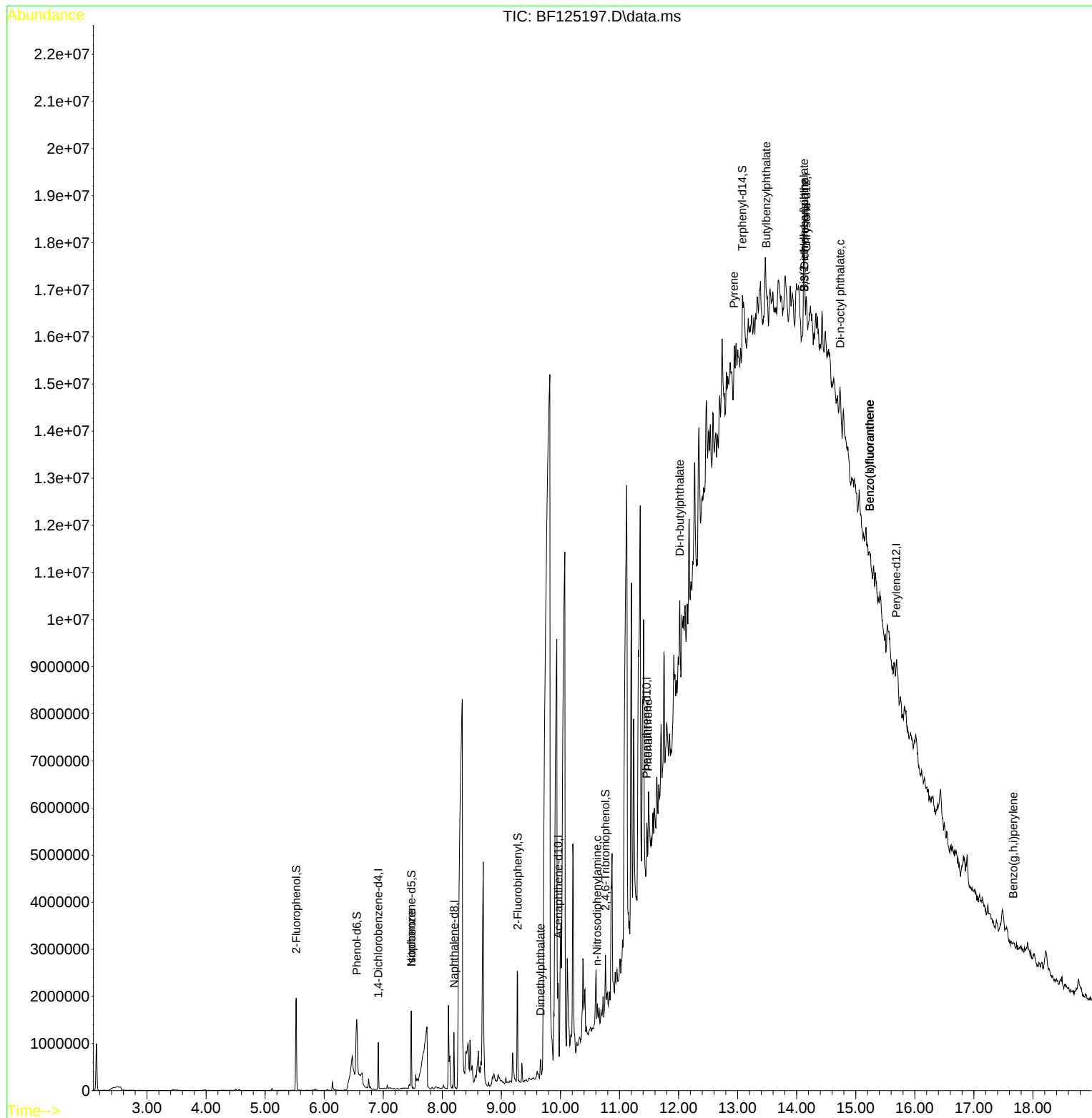
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	127619	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	437759	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	199743	20.000	ng	0.01
64) Phenanthrene-d10	11.463	188	313035	20.000	ng	# 0.02
76) Chrysene-d12	14.163	240	190017	20.000	ng	# 0.08
86) Perylene-d12	15.686	264	140874	20.000	ng	# 0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	556688	66.025	ng	0.00
7) Phenol-d6	6.551	99	682660	62.603	ng	0.01
23) Nitrobenzene-d5	7.475	82	428715	49.304	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	152794	76.632	ng	0.02
45) 2-Fluorobiphenyl	9.275	172	715849	49.949	ng	0.00
79) Terphenyl-d14	13.080	244	631224	52.921	ng	0.06
Target Compounds						
						Qvalue
25) Isophorone	7.475	82	427292	25.473	ng	# 59
50) Dimethylphthalate	9.663	163	35372	2.555	ng	# 94
66) n-Nitrosodiphenylamine	10.622	169	35069	3.129	ng	# 71
71) Phenanthrene	11.486	178	101434	5.881	ng	# 84
74) Di-n-butylphthalate	12.021	149	97770	5.303	ng	# 80
78) Pyrene	12.939	202	95252	5.844	ng	# 64
80) Butylbenzylphthalate	13.486	149	51263	8.004	ng	96
82) 3,3'-Dichlorobenzidine	14.133	252	17630	4.154	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.127	149	1746043	198.352	ng	# 89
85) Di-n-octyl phthalate	14.739	149	47115	3.218	ng	# 1
88) Benzo(b)fluoranthene	15.239	252	30631	2.976	ng	# 1
89) Benzo(k)fluoranthene	15.239	252	30631	3.189	ng	# 1
92) Benzo(g,h,i)perylene	17.668	276	18177	2.149	ng	# 24

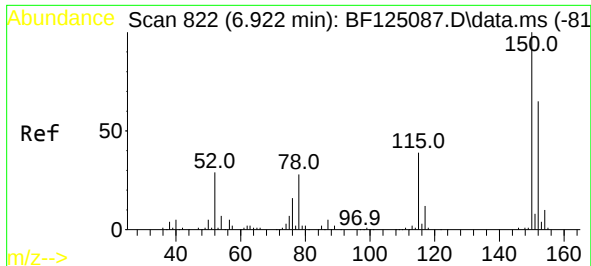
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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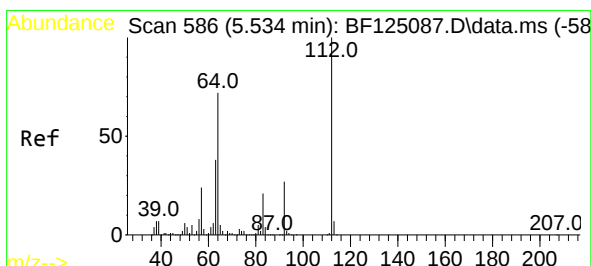
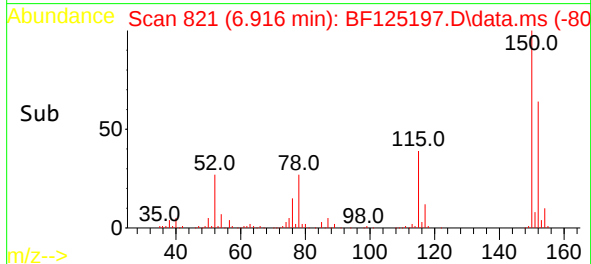
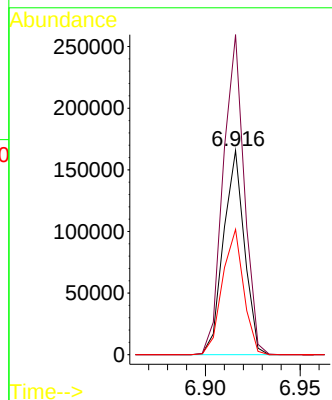
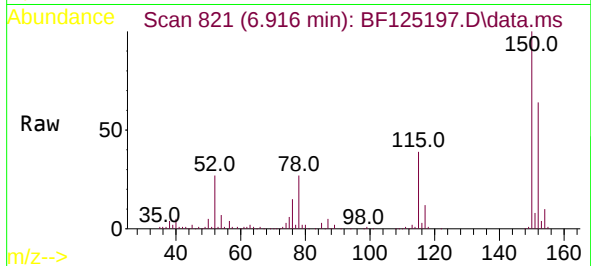




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF125197.D
Acq: 24 Aug 2021 21:43

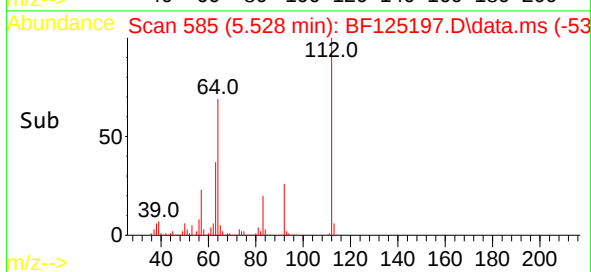
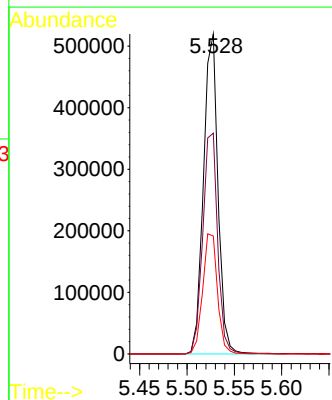
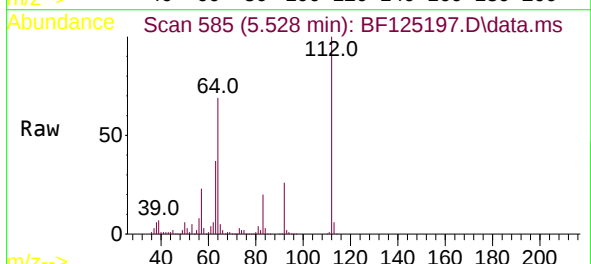
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BNA_F
ClientSampleId :
2-GSLAB

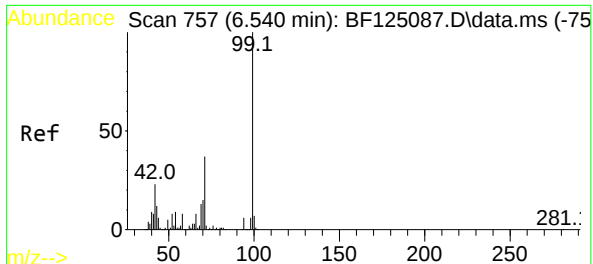
Tgt Ion:152 Resp: 127619
Ion Ratio Lower Upper
152 100
150 156.8 117.6 176.4
115 61.4 47.1 70.7



#5
2-Fluorophenol
Concen: 66.025 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.000 min
Lab File: BF125197.D
Acq: 24 Aug 2021 21:43

Tgt Ion:112 Resp: 556688
Ion Ratio Lower Upper
112 100
64 69.0 44.2 66.2#
63 36.9 26.2 39.2

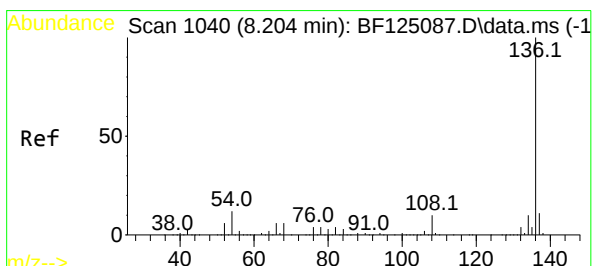
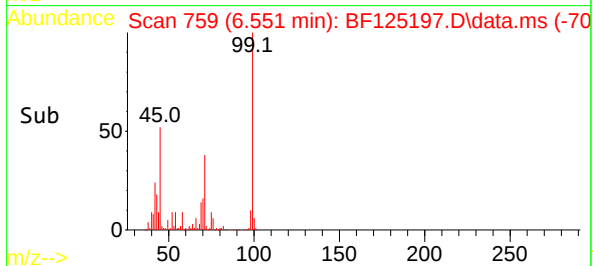
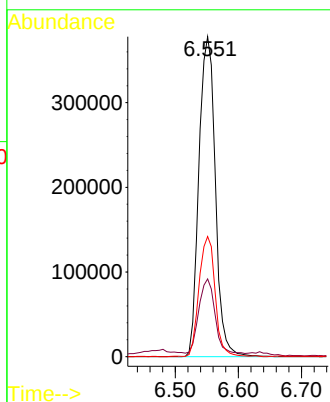
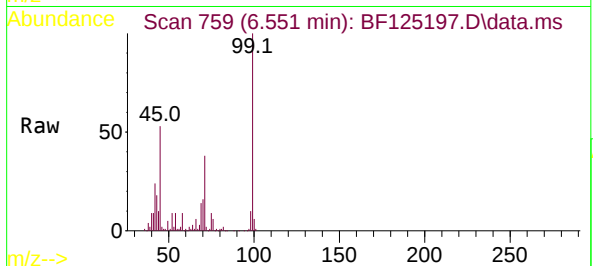




#7
Phenol-d6
Concen: 62.603 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.012 min
Lab File: BF125197.D
Acq: 24 Aug 2021 21:43

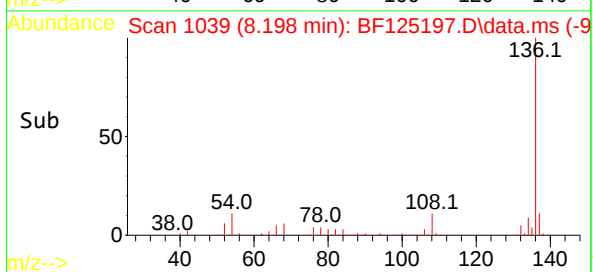
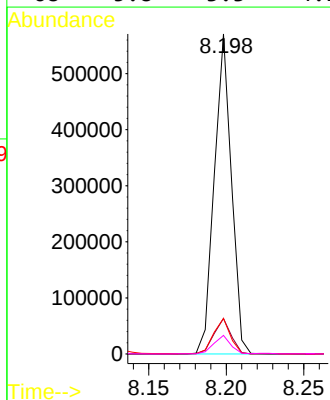
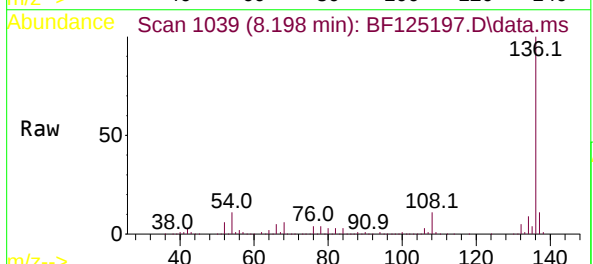
Instrument :
BNA_F
ClientSampleId :
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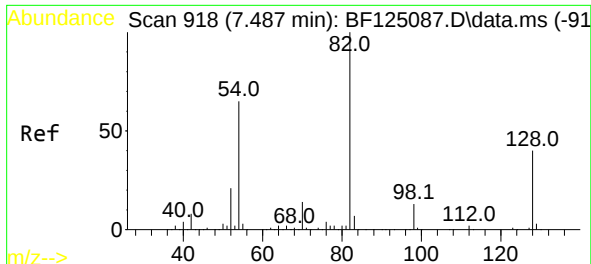
Tgt Ion: 99 Resp: 682660
Ion Ratio Lower Upper
99 100
42 24.3 23.5 35.3
71 37.6 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF125197.D
Acq: 24 Aug 2021 21:43

Tgt Ion: 136 Resp: 437759
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.6
54 11.1 6.4 9.6#
68 5.8 3.3 4.9#

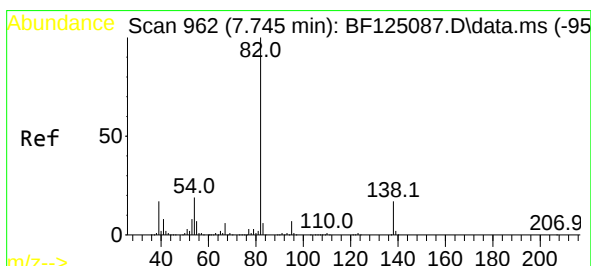
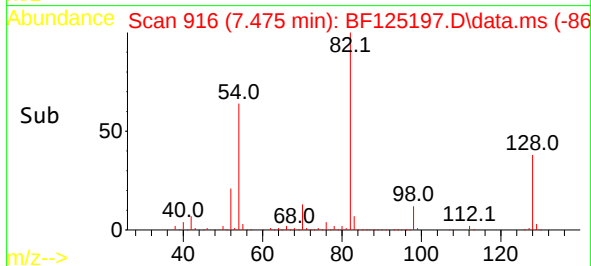
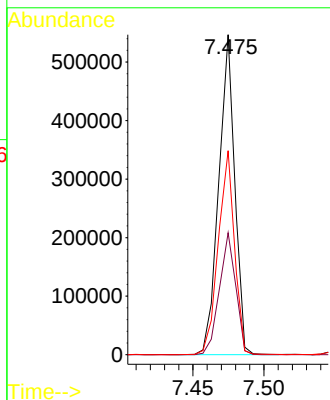
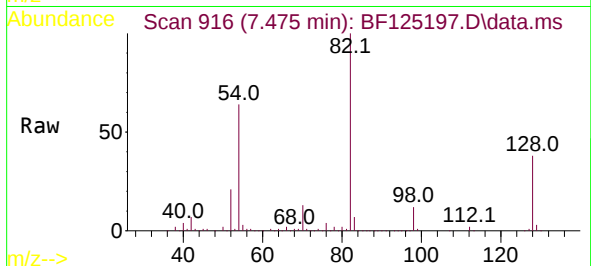




#23
Nitrobenzene-d5
Concen: 49.304 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125197.D
Acq: 24 Aug 2021 21:43

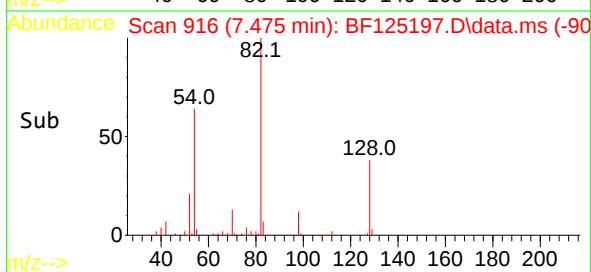
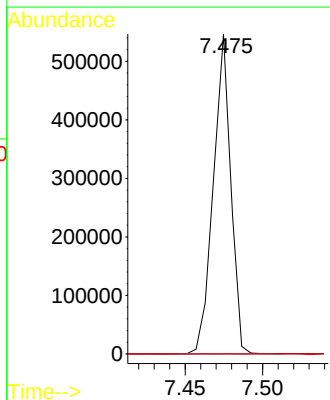
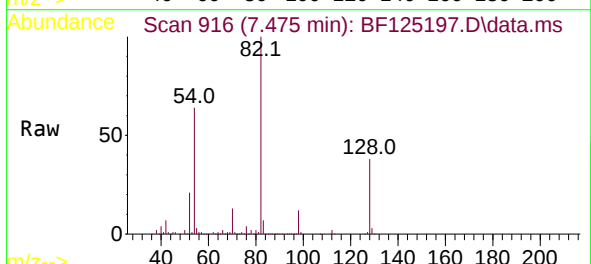
Instrument :
BNA_F
ClientSampleId :
2-GSLAB

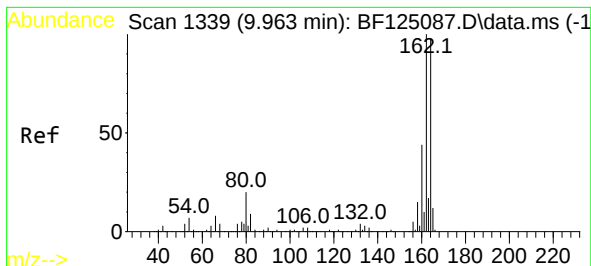
Tgt Ion: 82 Resp: 428715
Ion Ratio Lower Upper
82 100
128 38.1 40.6 60.8#
54 63.7 49.6 74.4



#25
Isophorone
Concen: 25.473 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.259 min
Lab File: BF125197.D
Acq: 24 Aug 2021 21:43

Tgt Ion: 82 Resp: 427292
Ion Ratio Lower Upper
82 100
95 0.1 6.5 9.7#
138 0.0 18.4 27.6#

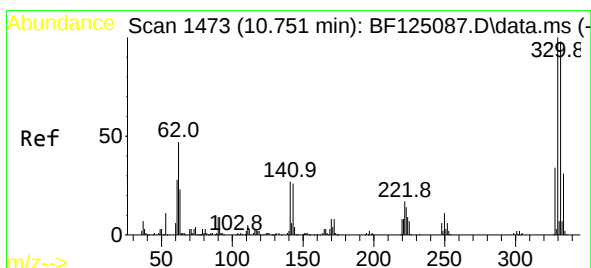
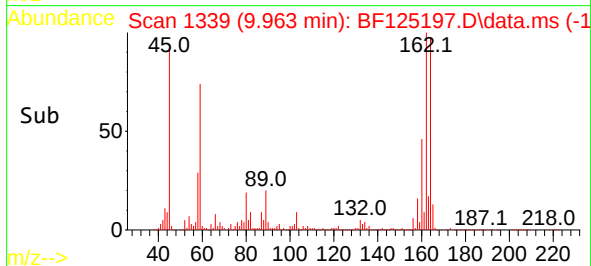
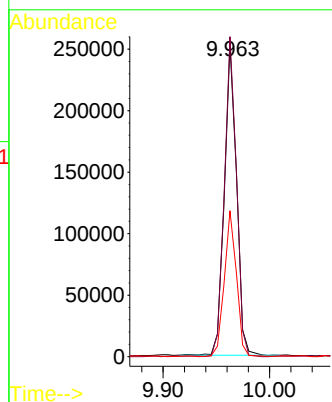
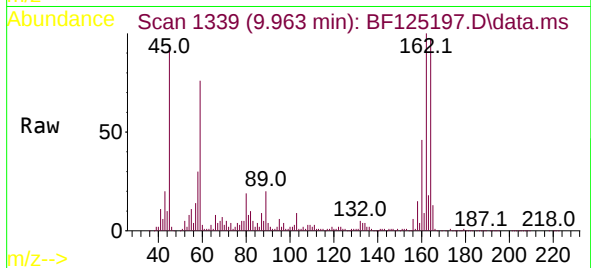




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF125197.D
Acq: 24 Aug 2021 21:43

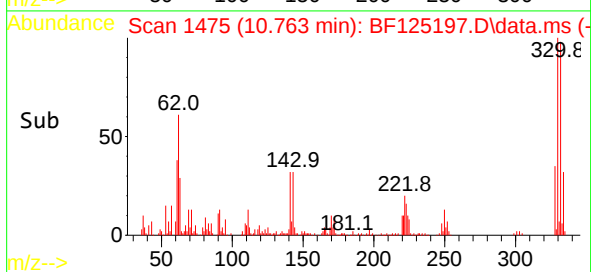
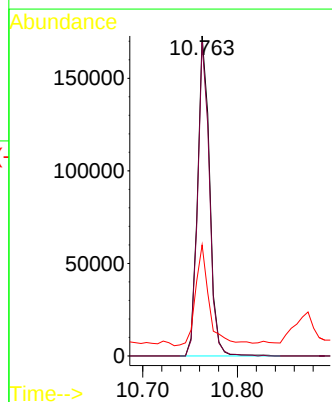
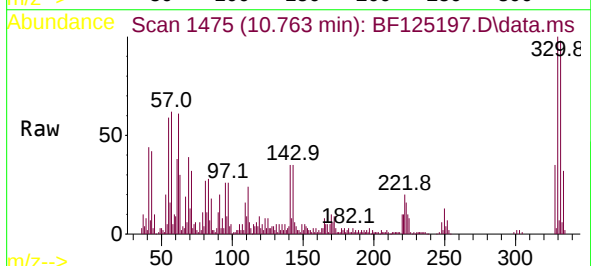
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BNA_F
ClientSampleId :
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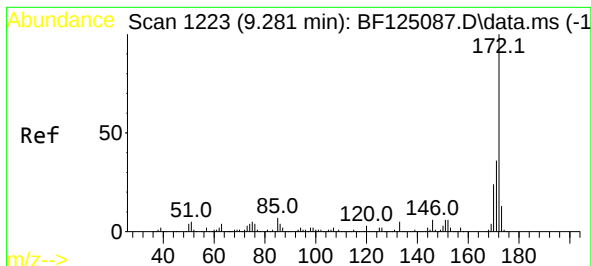
Tgt Ion:164 Resp: 199743
Ion Ratio Lower Upper
164 100
162 102.7 81.3 121.9
160 46.9 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 76.632 ng
RT: 10.763 min Scan# 1475
Delta R.T. 0.024 min
Lab File: BF125197.D
Acq: 24 Aug 2021 21:43

Tgt Ion:330 Resp: 152794
Ion Ratio Lower Upper
330 100
332 96.1 76.2 114.4
141 36.3 44.6 66.8#

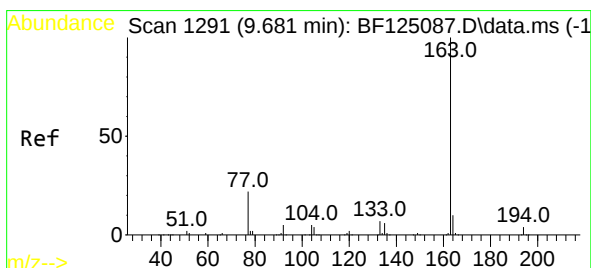
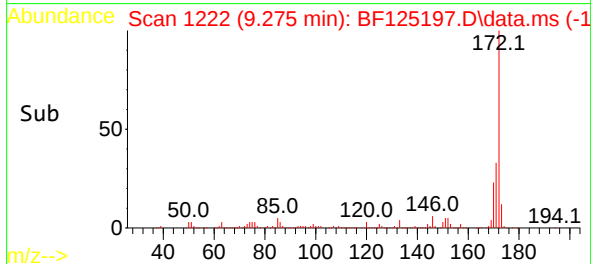
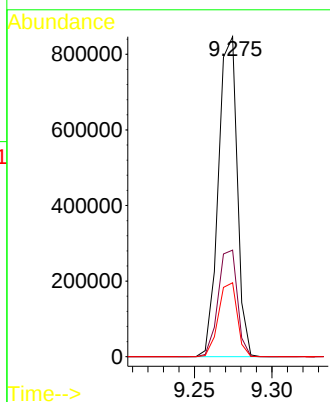
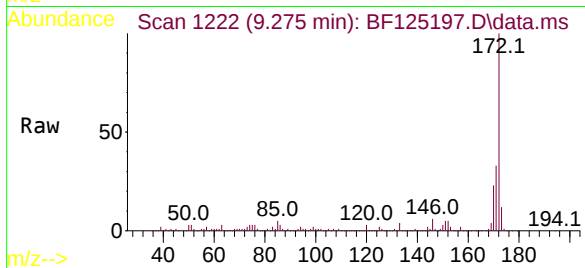




#45
2-Fluorobiphenyl
Concen: 49.949 ng
RT: 9.275 min Scan# 1222
Delta R.T. 0.000 min
Lab File: BF125197.D
Acq: 24 Aug 2021 21:43

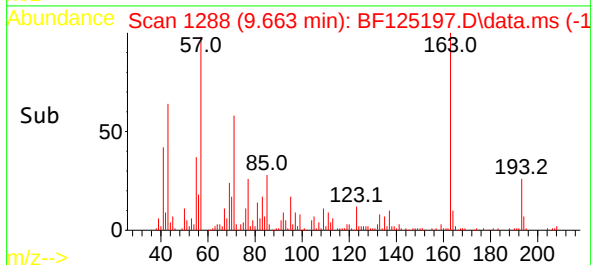
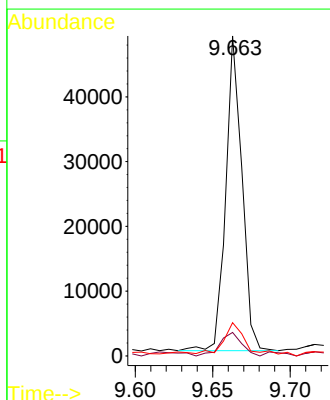
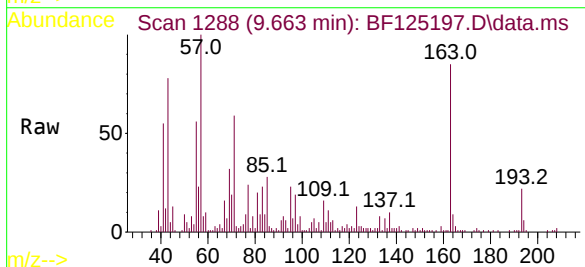
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BNA_F
ClientSampled :
2-GSLAB

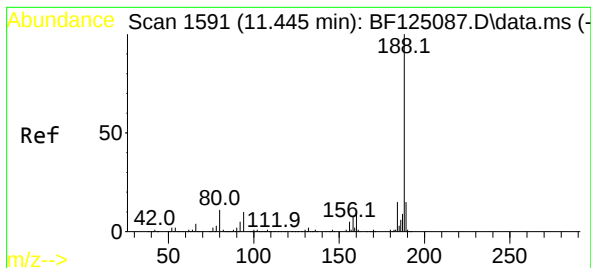
Tgt Ion:172 Resp: 715849
Ion Ratio Lower Upper
172 100
171 33.3 26.5 39.7
170 23.1 18.8 28.2



#50
Dimethylphthalate
Concen: 2.555 ng
RT: 9.663 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF125197.D
Acq: 24 Aug 2021 21:43

Tgt Ion:163 Resp: 35372
Ion Ratio Lower Upper
163 100
194 7.4 2.6 3.8#
164 10.4 7.4 11.0

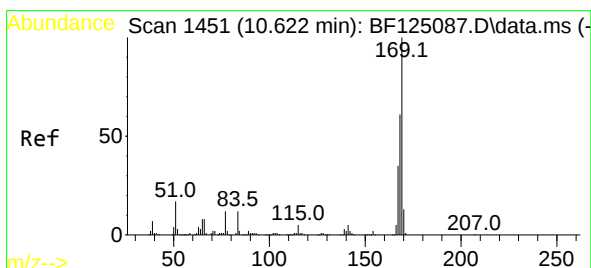
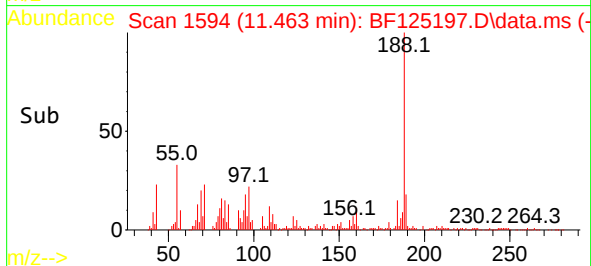
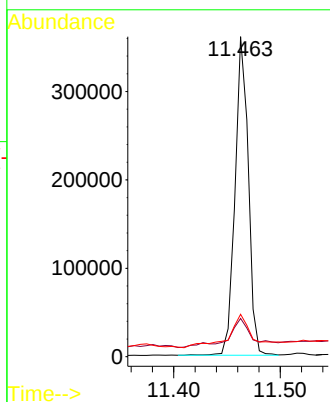
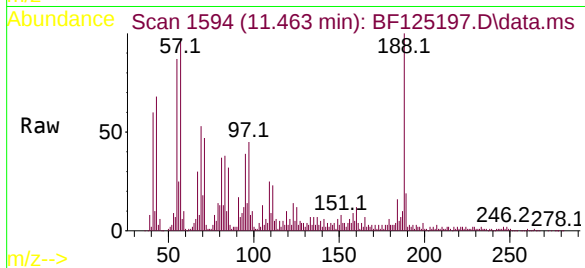




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 1594
Delta R.T. 0.024 min
Lab File: BF125197.D
Acq: 24 Aug 2021 21:43

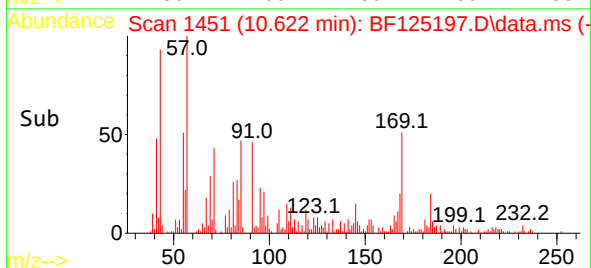
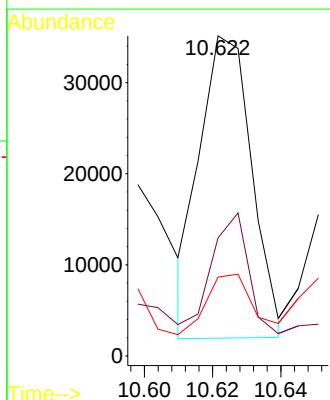
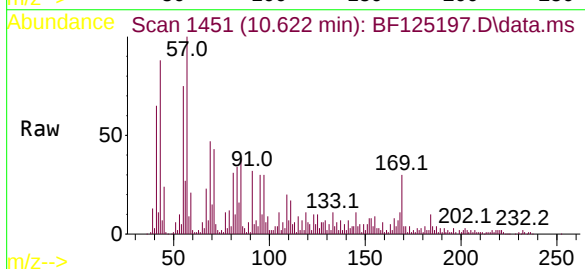
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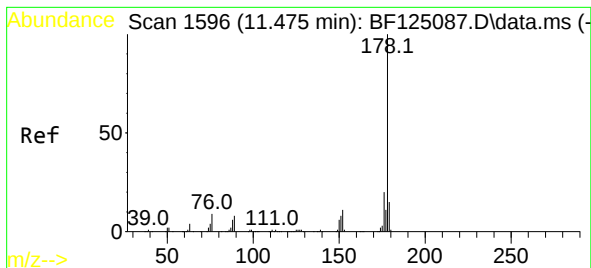
Tgt Ion:188 Resp: 313035
Ion Ratio Lower Upper
188 100
94 12.0 6.7 10.1#
80 13.2 7.5 11.3#



#66
n-Nitrosodiphenylamine
Concen: 3.129 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.012 min
Lab File: BF125197.D
Acq: 24 Aug 2021 21:43

Tgt Ion:169 Resp: 35069
Ion Ratio Lower Upper
169 100
168 36.9 50.8 76.2#
167 24.7 28.8 43.2#

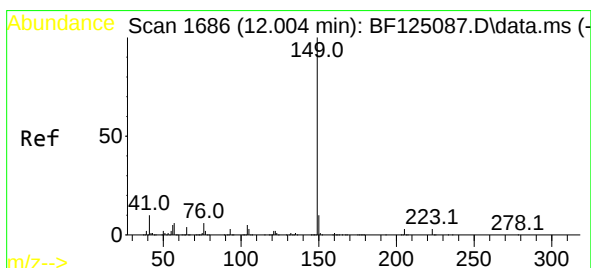
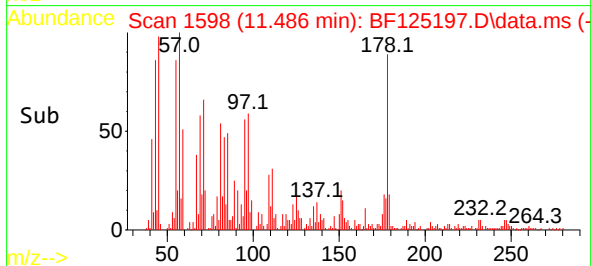
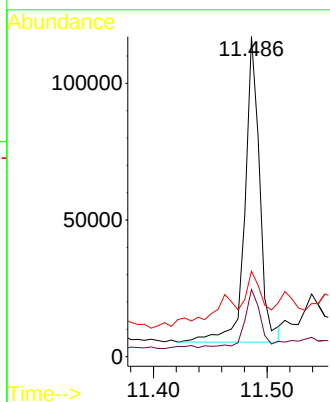
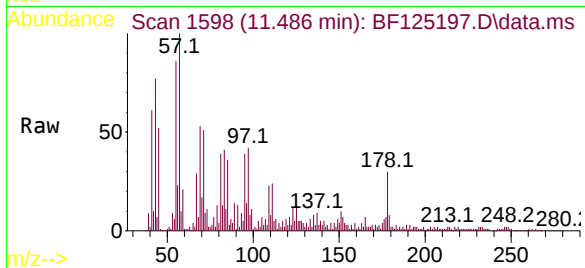




#71
Phenanthrene
Concen: 5.881 ng
RT: 11.486 min Scan# 1598
Delta R.T. 0.024 min
Lab File: BF125197.D
Acq: 24 Aug 2021 21:43

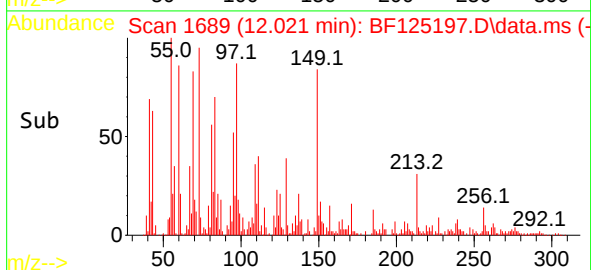
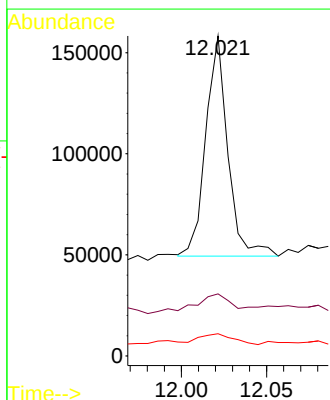
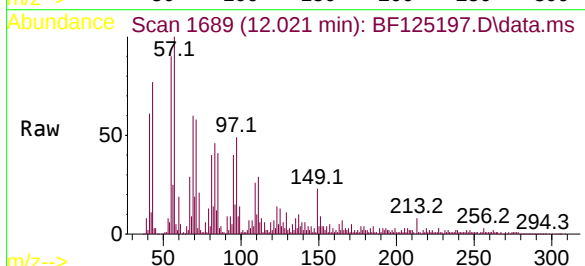
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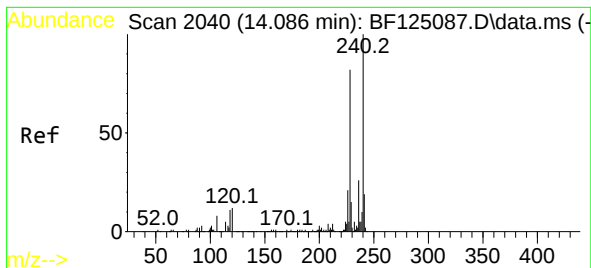
Tgt Ion:178 Resp: 101434
Ion Ratio Lower Upper
178 100
176 21.0 14.7 22.1
179 26.8 11.5 17.3#



#74
Di-n-butylphthalate
Concen: 5.303 ng
RT: 12.021 min Scan# 1689
Delta R.T. 0.024 min
Lab File: BF125197.D
Acq: 24 Aug 2021 21:43

Tgt Ion:149 Resp: 97770
Ion Ratio Lower Upper
149 100
150 19.4 7.4 11.2#
104 6.9 4.1 6.1#

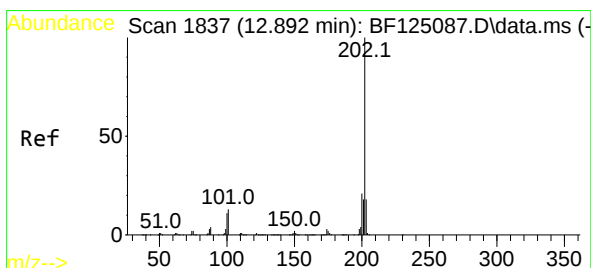
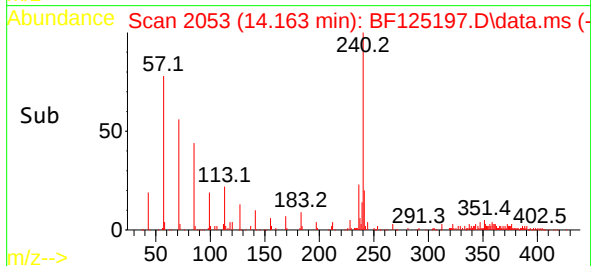
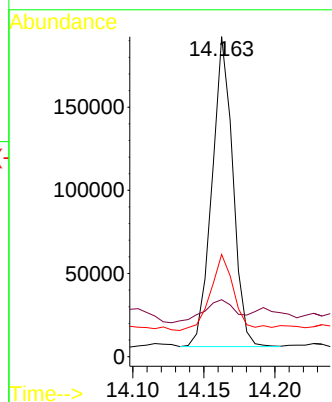
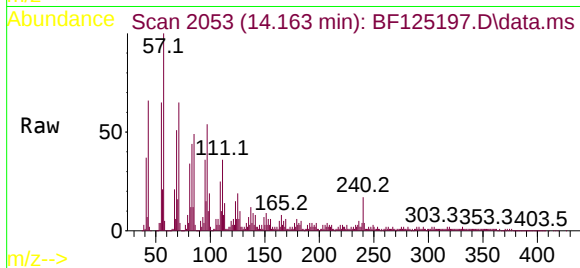




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.163 min Scan# 2053
Delta R.T. 0.082 min
Lab File: BF125197.D
Acq: 24 Aug 2021 21:43

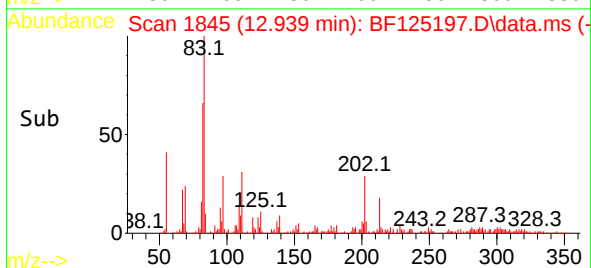
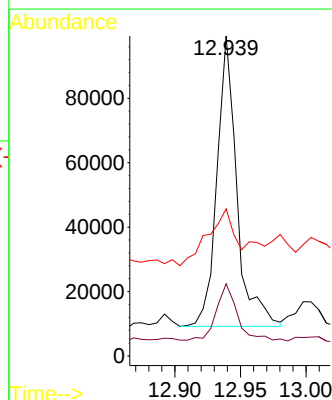
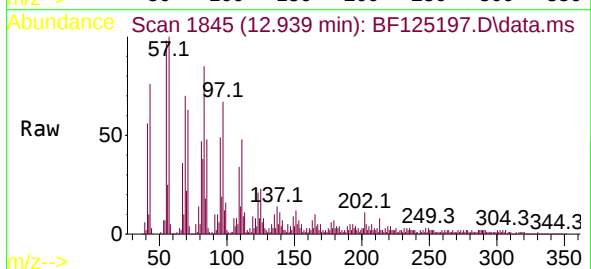
Instrument :
BNA_F
ClientSampleId :
2-GSLAB

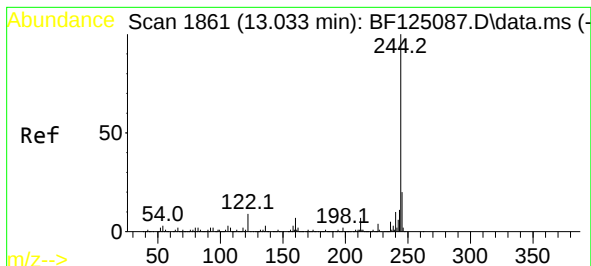
Tgt Ion:240 Resp: 190017
Ion Ratio Lower Upper
240 100
120 17.8 10.8 16.2#
236 32.0 21.6 32.4



#78
Pyrene
Concen: 5.844 ng
RT: 12.939 min Scan# 1845
Delta R.T. 0.053 min
Lab File: BF125197.D
Acq: 24 Aug 2021 21:43

Tgt Ion:202 Resp: 95252
Ion Ratio Lower Upper
202 100
200 22.5 15.3 22.9
203 46.0 13.4 20.0#

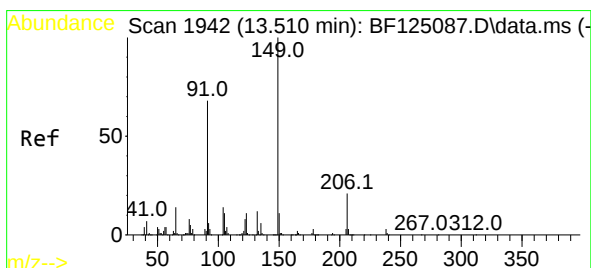
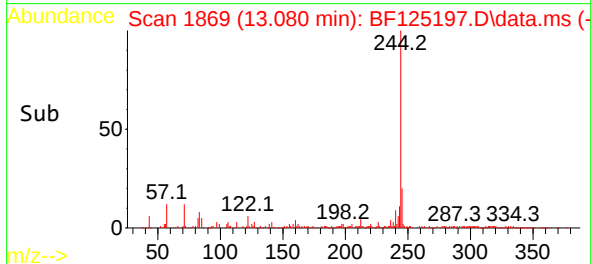
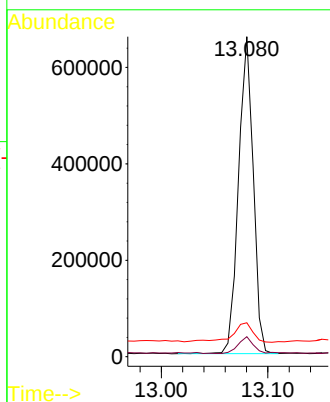
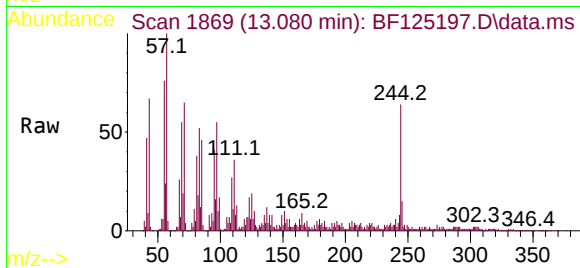




#79
Terphenyl-d14
Concen: 52.921 ng
RT: 13.080 min Scan# 1869
Delta R.T. 0.059 min
Lab File: BF125197.D
Acq: 24 Aug 2021 21:43

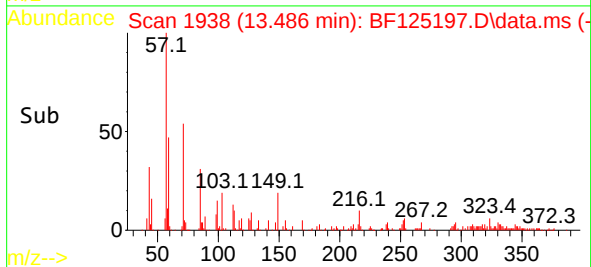
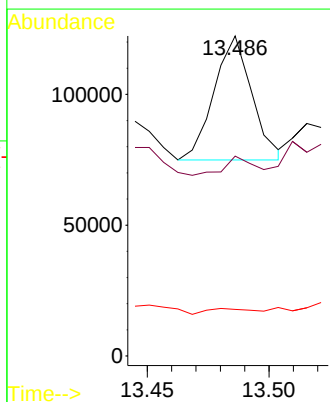
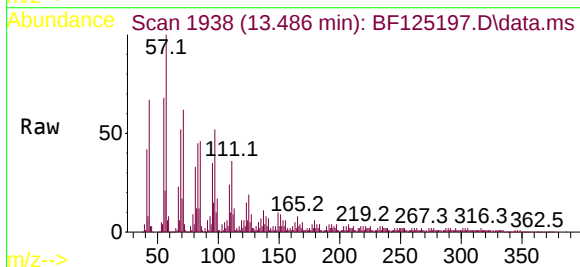
Instrument :
BNA_F
ClientSampleId :
2-GSLAB

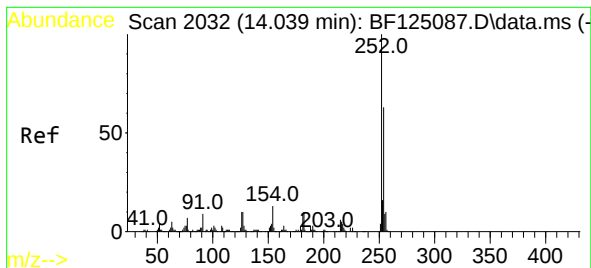
Tgt Ion:244 Resp: 631224
Ion Ratio Lower Upper
244 100
212 6.3 5.9 8.9
122 10.6 9.0 13.4



#80
Butylbenzylphthalate
Concen: 8.004 ng
RT: 13.486 min Scan# 1938
Delta R.T. -0.012 min
Lab File: BF125197.D
Acq: 24 Aug 2021 21:43

Tgt Ion:149 Resp: 51263
Ion Ratio Lower Upper
149 100
91 62.4 51.8 77.8
206 14.5 14.5 21.7

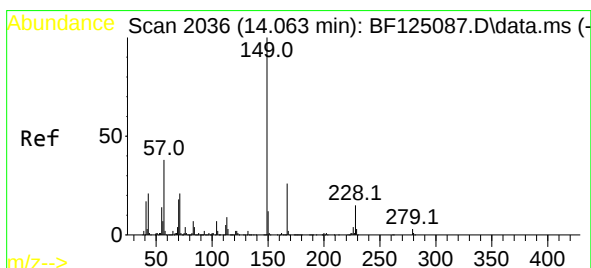
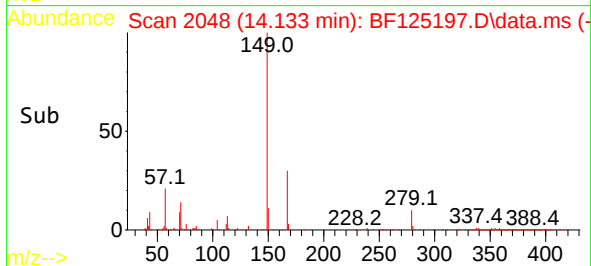
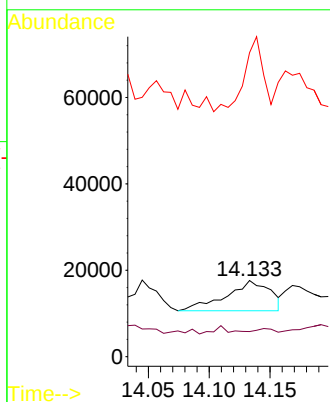
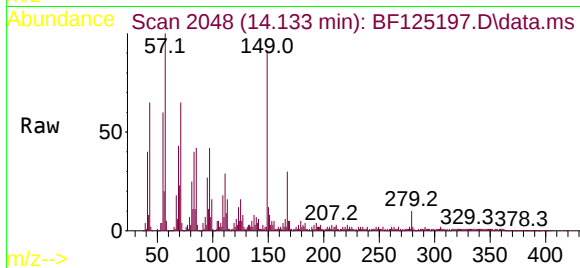




#82
 3,3'-Dichlorobenzidine
 Concen: 4.154 ng
 RT: 14.133 min Scan# 2048
 Delta R.T. 0.100 min
 Lab File: BF125197.D
 Acq: 24 Aug 2021 21:43

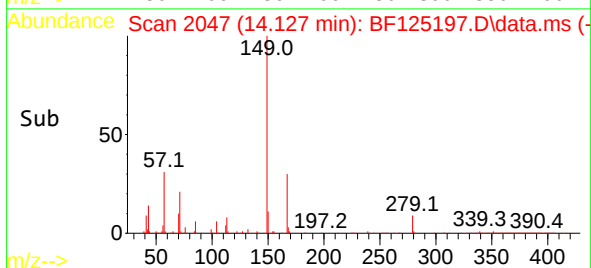
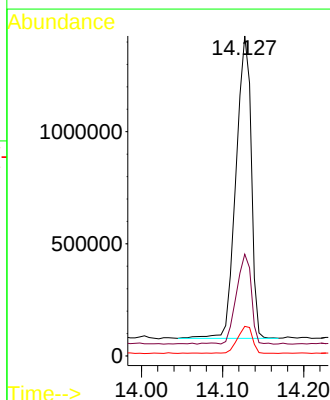
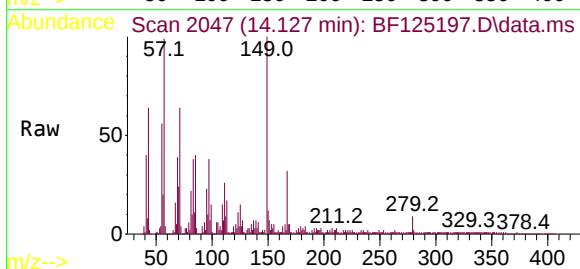
Instrument :
 BNA_F
 ClientSampleId :
 2-GSLAB

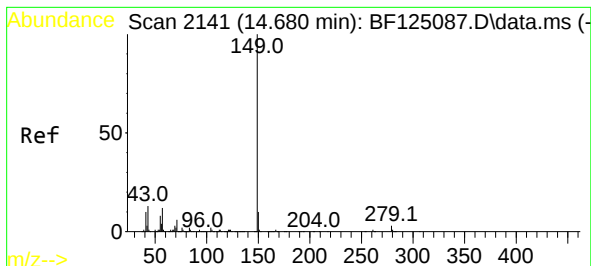
Tgt Ion:252 Resp: 17630
 Ion Ratio Lower Upper
 252 100
 254 33.0 51.4 77.0#
 126 399.2 9.5 14.3#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 198.352 ng
 RT: 14.127 min Scan# 2047
 Delta R.T. 0.071 min
 Lab File: BF125197.D
 Acq: 24 Aug 2021 21:43

Tgt Ion:149 Resp: 1746043
 Ion Ratio Lower Upper
 149 100
 167 31.8 21.4 32.0
 279 9.2 2.6 4.0#

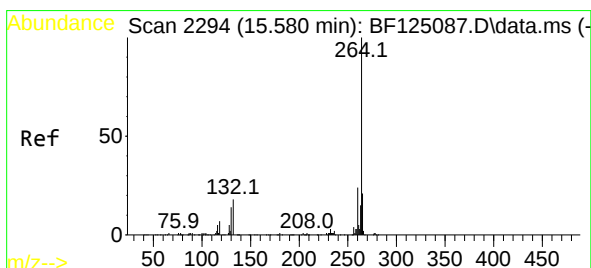
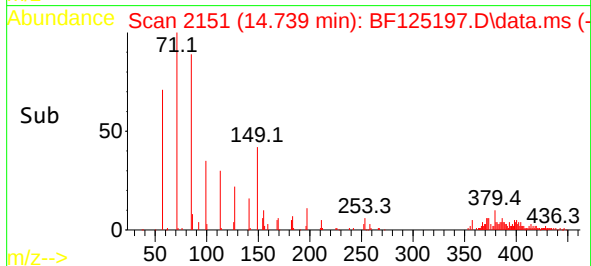
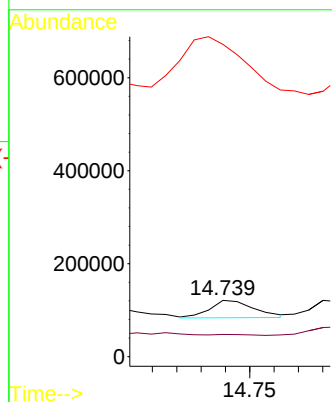
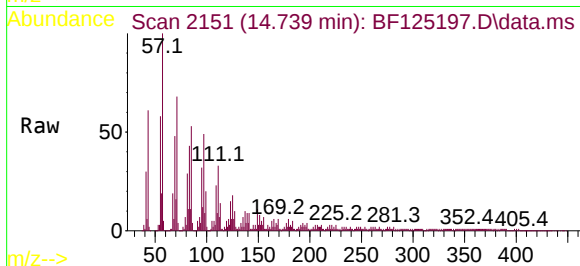




#85
Di-n-octyl phthalate
Concen: 3.218 ng
RT: 14.739 min Scan# 2151
Delta R.T. 0.071 min
Lab File: BF125197.D
Acq: 24 Aug 2021 21:43

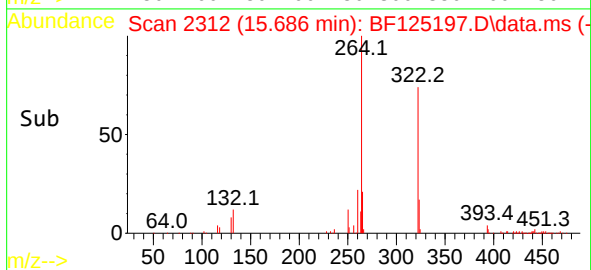
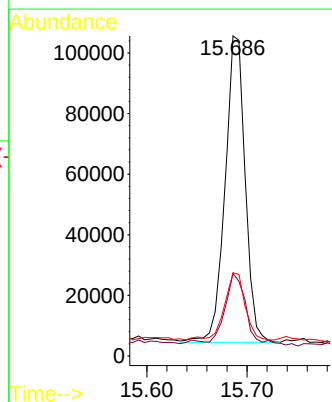
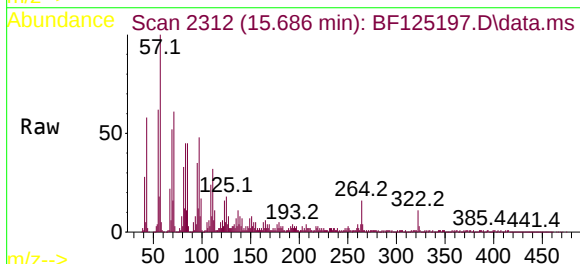
Instrument :
BNA_F
ClientSampleId :
2-GSLAB

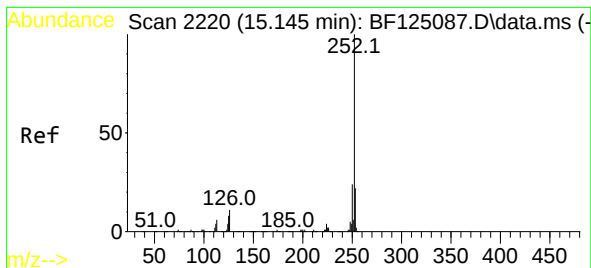
Tgt Ion:149 Resp: 47115
Ion Ratio Lower Upper
149 100
167 0.0 1.0 1.6#
43 488.0 9.9 14.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.686 min Scan# 2312
Delta R.T. 0.112 min
Lab File: BF125197.D
Acq: 24 Aug 2021 21:43

Tgt Ion:264 Resp: 140874
Ion Ratio Lower Upper
264 100
260 25.8 19.6 29.4
265 26.0 17.2 25.8#





#88

Benzo(b)fluoranthene

Concen: 2.976 ng

RT: 15.239 min Scan# 2236

Delta R.T. 0.106 min

Lab File: BF125197.D

Acq: 24 Aug 2021 21:43

Instrument :

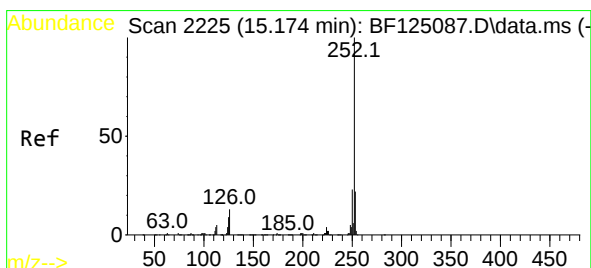
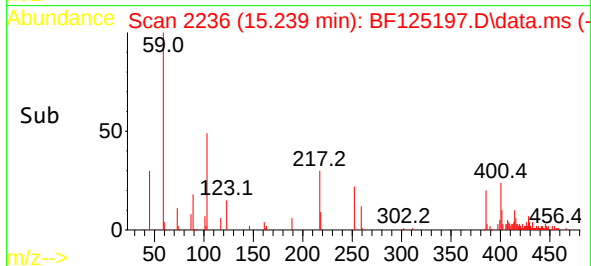
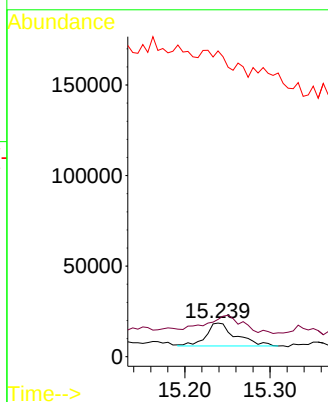
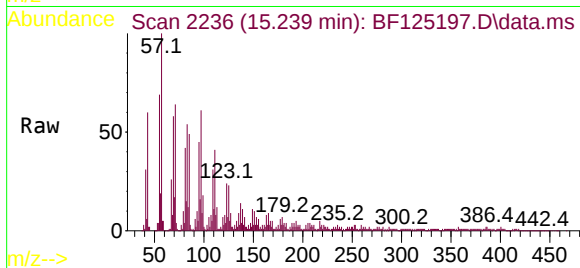
BNA_F

ClientSampleId :

2-GSLAB

Tgt Ion:252 Resp: 30631

Ion	Ratio	Lower	Upper
252	100		
253	110.9	16.8	25.2#
125	910.8	9.8	14.8#



#89

Benzo(k)fluoranthene

Concen: 3.189 ng

RT: 15.239 min Scan# 2236

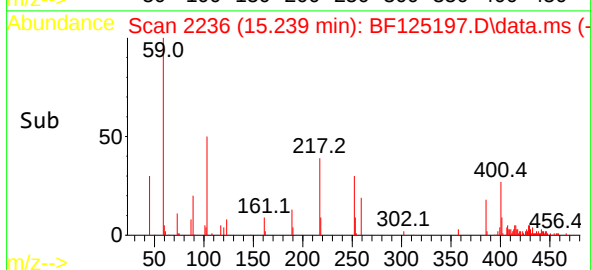
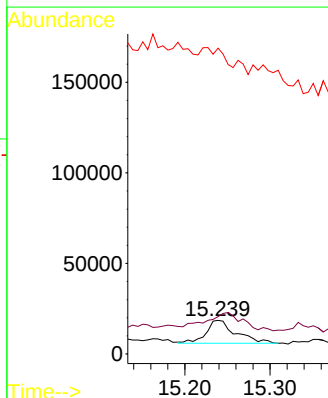
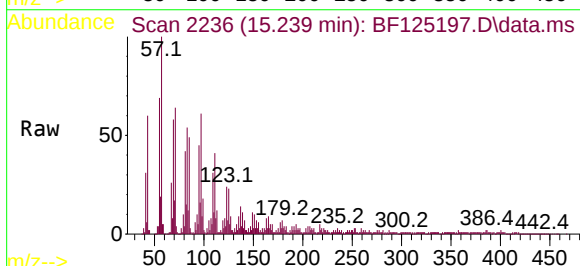
Delta R.T. 0.071 min

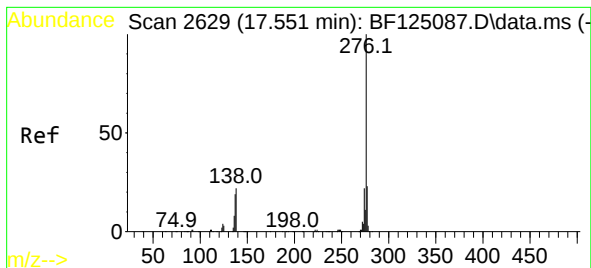
Lab File: BF125197.D

Acq: 24 Aug 2021 21:43

Tgt Ion:252 Resp: 30631

Ion	Ratio	Lower	Upper
252	100		
253	110.9	17.8	26.8#
125	910.8	7.2	10.8#





#92
Benzo(g,h,i)perylene
Concen: 2.149 ng
RT: 17.668 min Scan# 2649
Delta R.T. 0.118 min
Lab File: BF125197.D
Acq: 24 Aug 2021 21:43

Instrument :
BNA_F
ClientSampleId :
2-GSLAB

Tgt Ion:276 Resp: 18177
Ion Ratio Lower Upper
276 100
277 47.4 22.0 33.0#
138 87.7 22.2 33.4#

