

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090121\
 Data File : BF125315.D
 Acq On : 1 Sep 2021 19:46
 Operator : JU/CG
 Sample : M3577-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 191-0827-B1-DP

Quant Time: Sep 02 08:17:30 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)

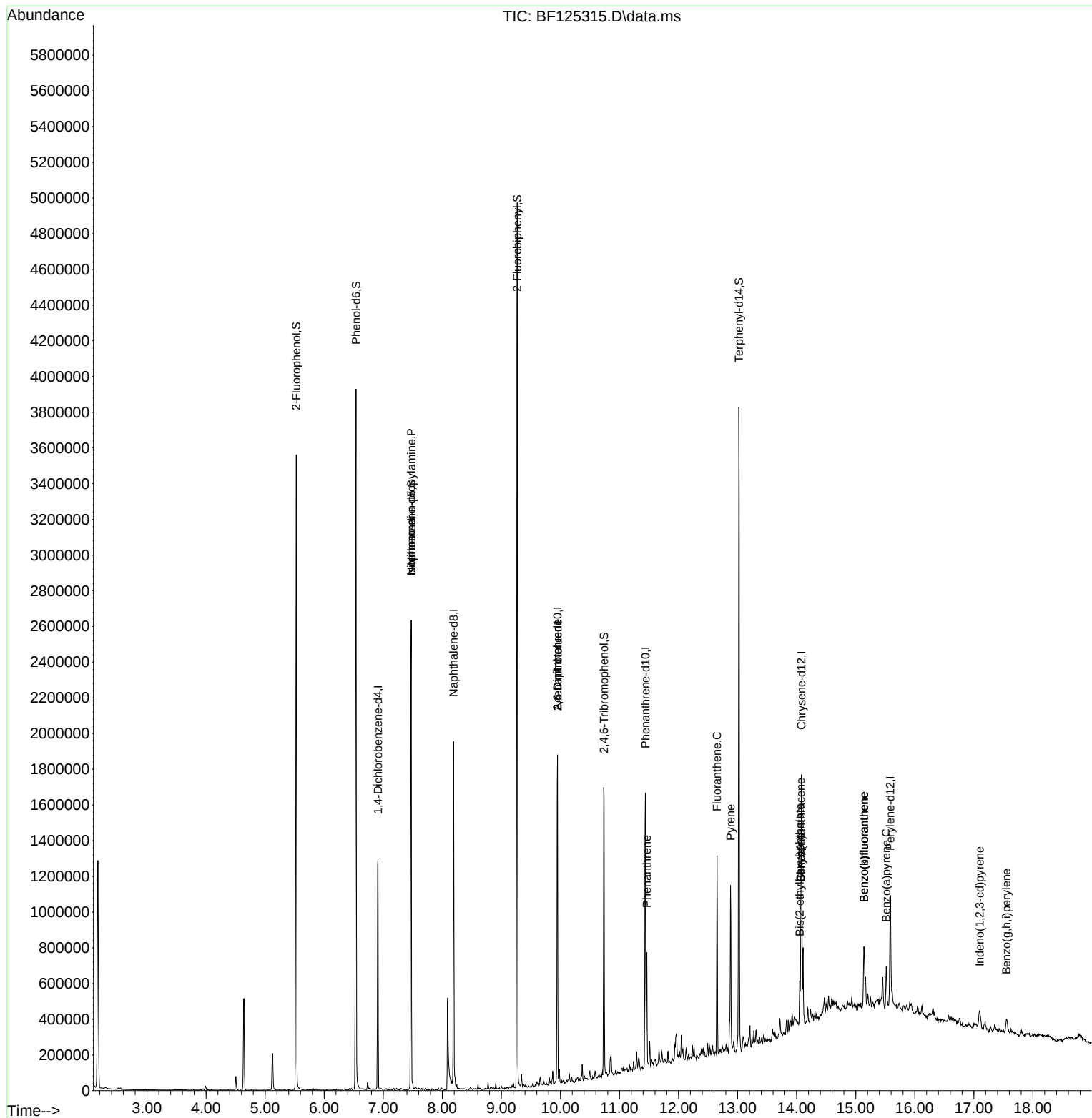
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	189745	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	743437	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	384951	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	579580	20.000	ng	0.00
76) Chrysene-d12	14.080	240	421494	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	276393	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	859936	68.597	ng	0.00
7) Phenol-d6	6.539	99	1270703	78.375	ng	0.00
23) Nitrobenzene-d5	7.475	82	851937	57.691	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	204023	53.094	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1513544	54.798	ng	0.00
79) Terphenyl-d14	13.021	244	1332393	50.359	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	116378	11.934	ng	# 56
25) Isophorone	7.475	82	851926	29.905	ng	# 59
51) 2,6-Dinitrotoluene	9.951	165	50284	8.693	ng	# 28
57) 2,4-Dinitrotoluene	9.951	165	50284	7.182	ng	# 20
71) Phenanthrene	11.463	178	246178	7.709	ng	99
75) Fluoranthene	12.651	202	433301	13.674	ng	98
78) Pyrene	12.880	202	379952	10.509	ng	97
81) Benzo(a)anthracene	14.068	228	206687	6.806	ng	98
83) Chrysene	14.068	228	206687	6.882	ng	97
84) Bis(2-ethylhexyl)phtha...	14.051	149	57176	2.928	ng	# 99
87) Indeno(1,2,3-cd)pyrene	17.098	276	70229	3.527	ng	# 88
88) Benzo(b)fluoranthene	15.139	252	253486	12.553	ng	96
89) Benzo(k)fluoranthene	15.139	252	253486	13.453	ng	# 97
90) Benzo(a)pyrene	15.515	252	119966	6.726	ng	98
92) Benzo(g,h,i)perylene	17.550	276	67741	4.082	ng	96

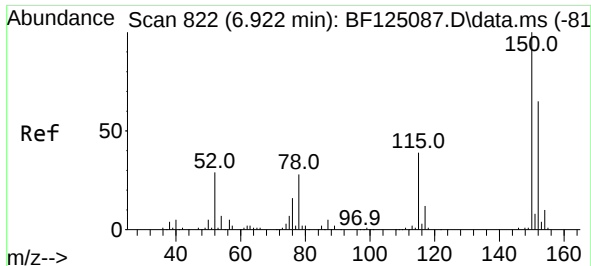
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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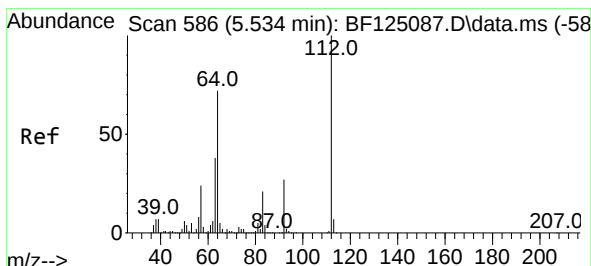
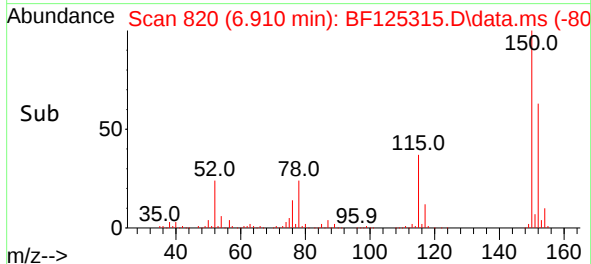
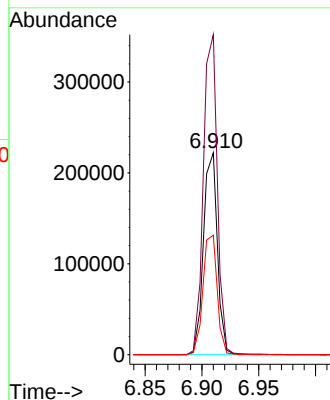
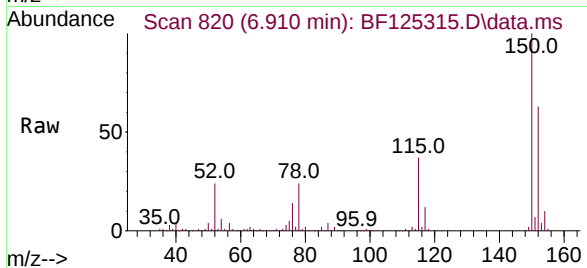




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.910 min Scan# 820
 Delta R.T. -0.006 min
 Lab File: BF125315.D
 Acq: 1 Sep 2021 19:46

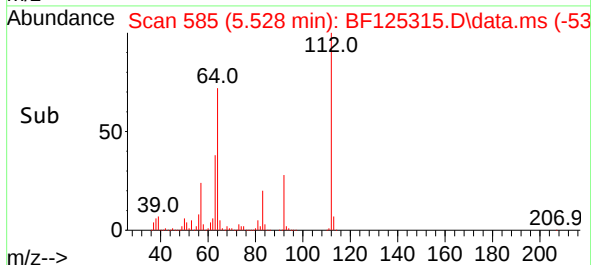
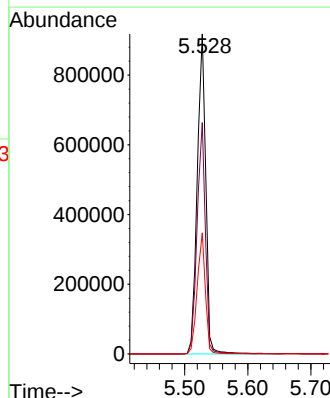
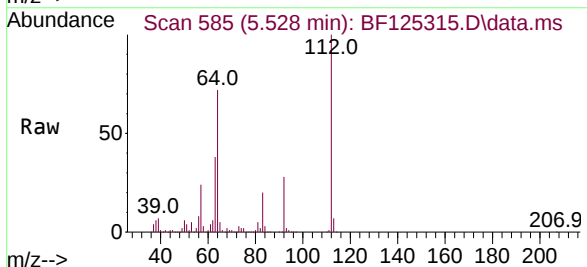
Instrument :
 BNA_F
 ClientSampleId :
 191-0827-B1-DP

Tgt Ion:152 Resp: 189745
 Ion Ratio Lower Upper
 152 100
 150 158.4 117.6 176.4
 115 59.1 47.1 70.7



#5
 2-Fluorophenol
 Concen: 68.597 ng
 RT: 5.528 min Scan# 585
 Delta R.T. -0.000 min
 Lab File: BF125315.D
 Acq: 1 Sep 2021 19:46

Tgt Ion:112 Resp: 859936
 Ion Ratio Lower Upper
 112 100
 64 72.3 44.2 66.2#
 63 37.8 26.2 39.2

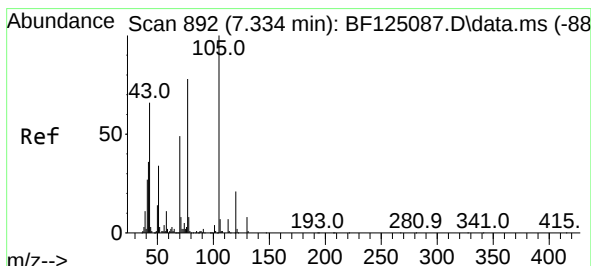
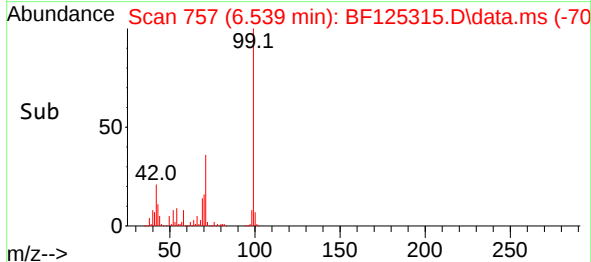
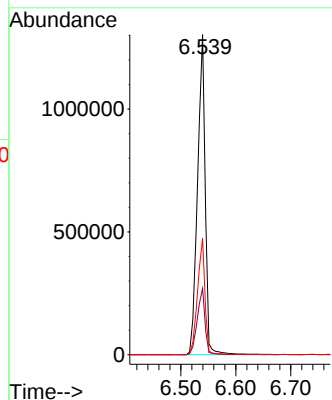
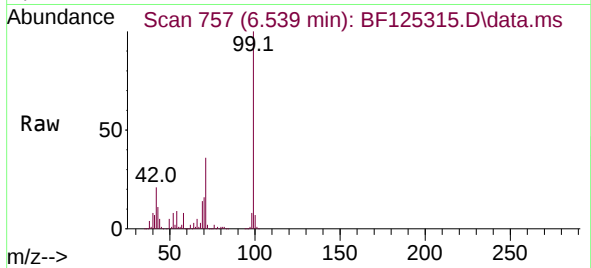




#7
Phenol-d6
Concen: 78.375 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.000 min
Lab File: BF125315.D
Acq: 1 Sep 2021 19:46

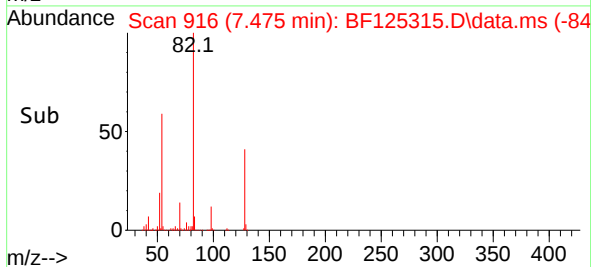
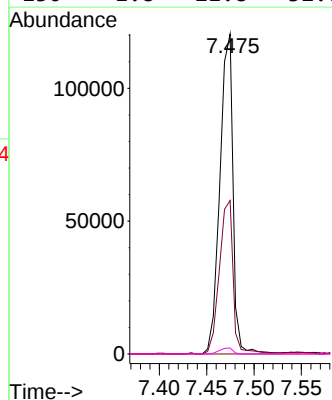
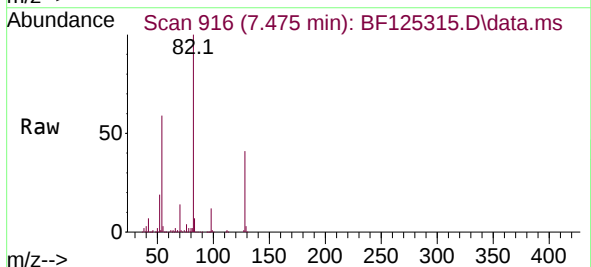
Instrument :
BNA_F
ClientSampleId :
191-0827-B1-DP

Tgt Ion: 99 Resp: 1270703
Ion Ratio Lower Upper
99 100
42 20.7 23.5 35.3#
71 36.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.934 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF125315.D
Acq: 1 Sep 2021 19:46

Tgt Ion: 70 Resp: 116378
Ion Ratio Lower Upper
70 100
42 48.0 72.2 108.2#
101 0.0 7.8 11.8#
130 1.8 21.8 32.6#

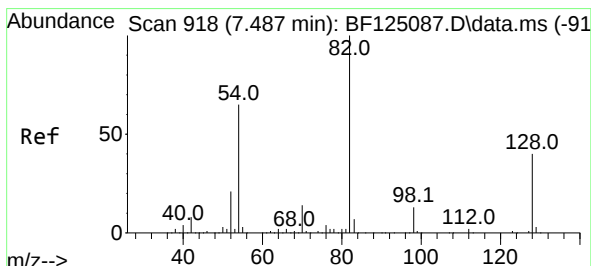
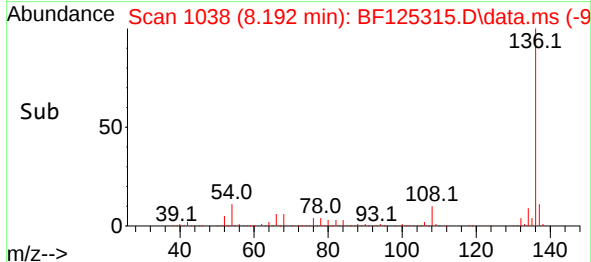
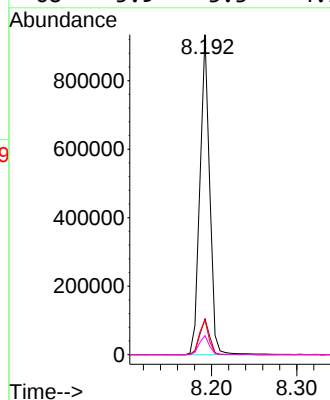
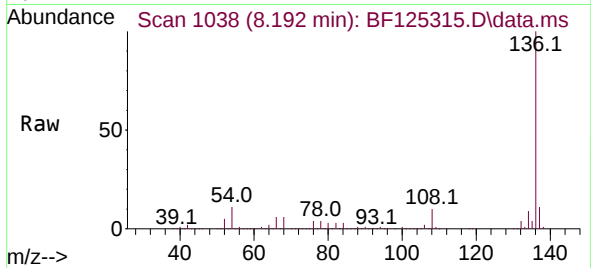




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF125315.D
Acq: 1 Sep 2021 19:46

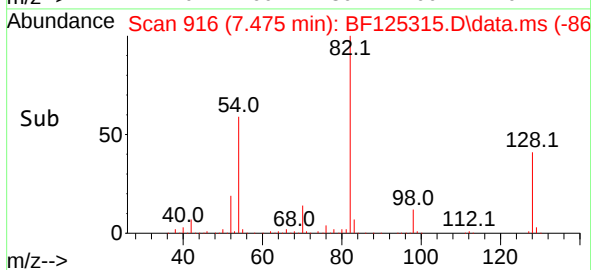
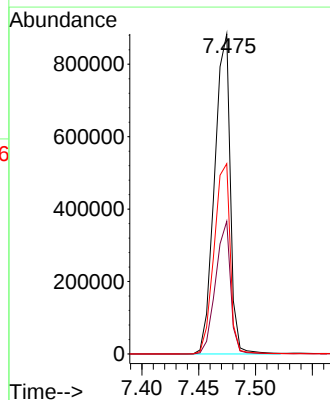
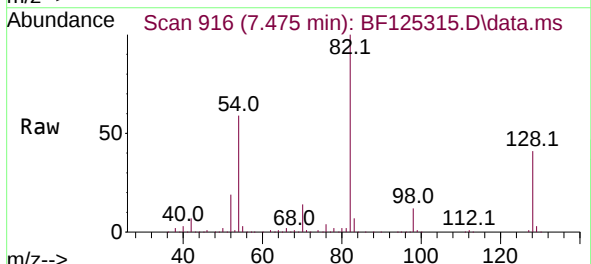
Instrument :
BNA_F
ClientSampleId :
191-0827-B1-DP

Tgt Ion:	136	Resp:	743437
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.8	14.6
54	10.8	6.4	9.6#
68	5.9	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 57.691 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125315.D
Acq: 1 Sep 2021 19:46

Tgt Ion:	82	Resp:	851937
Ion Ratio	Lower	Upper	
82	100		
128	41.4	40.6	60.8
54	59.4	49.6	74.4

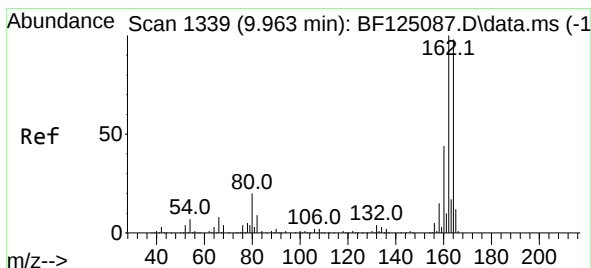
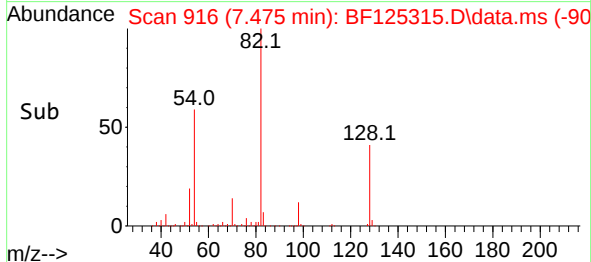
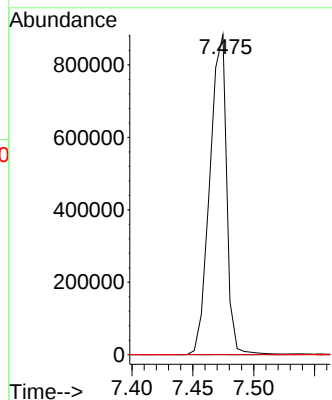
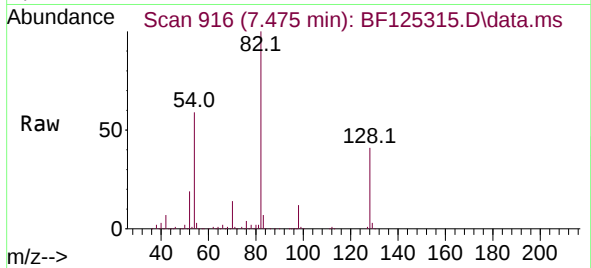




#25
Isophorone
Concen: 29.905 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.259 min
Lab File: BF125315.D
Acq: 1 Sep 2021 19:46

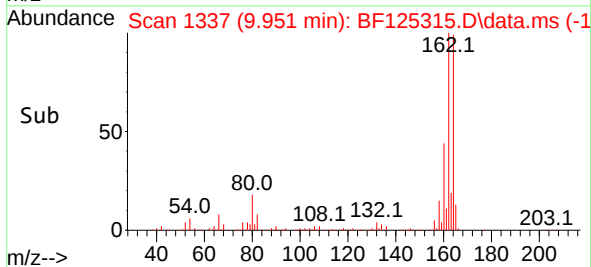
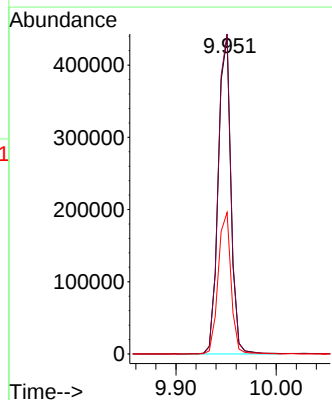
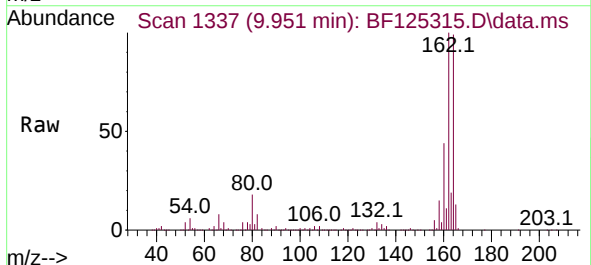
Instrument :
BNA_F
ClientSampleId :
191-0827-B1-DP

Tgt Ion: 82 Resp: 851926
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: 9.951 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BF125315.D
Acq: 1 Sep 2021 19:46

Tgt Ion:164 Resp: 384951
Ion Ratio Lower Upper
164 100
162 101.0 81.3 121.9
160 44.6 38.0 57.0

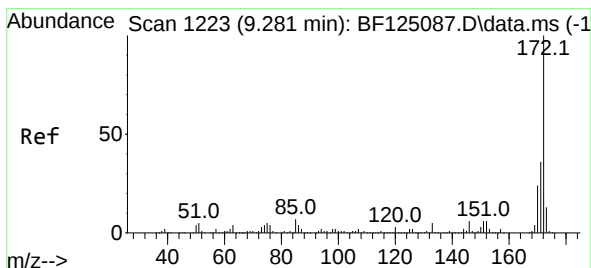
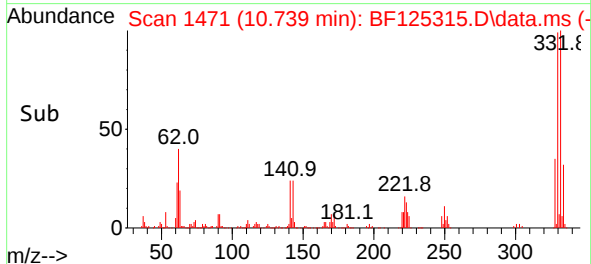
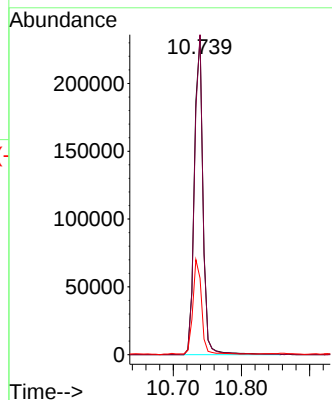
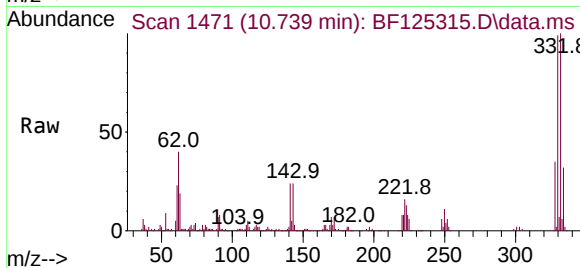




#42
2,4,6-Tribromophenol
Concen: 53.094 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.000 min
Lab File: BF125315.D
Acq: 1 Sep 2021 19:46

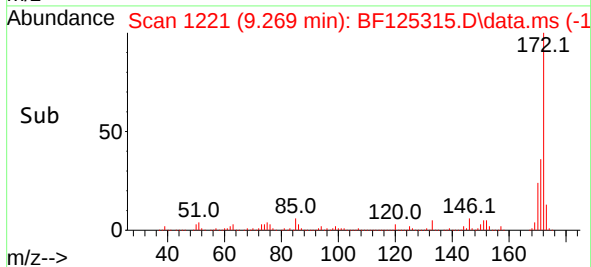
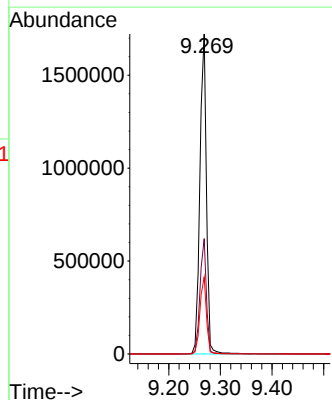
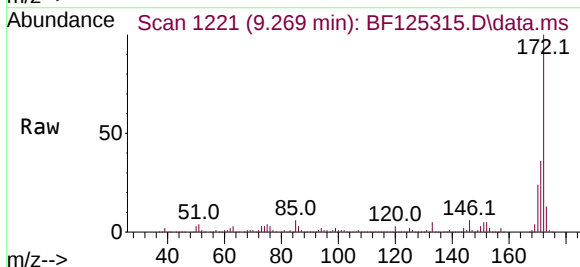
Instrument :
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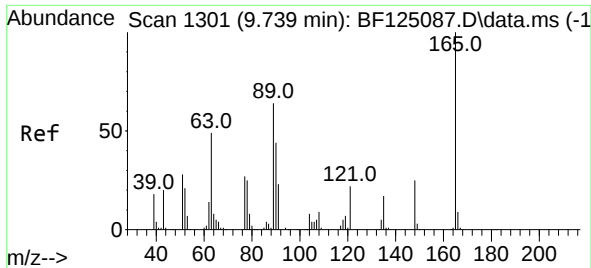
Tgt Ion:330 Resp: 204023
Ion Ratio Lower Upper
330 100
332 98.8 76.2 114.4
141 29.5 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 54.798 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125315.D
Acq: 1 Sep 2021 19:46

Tgt Ion:172 Resp: 1513544
Ion Ratio Lower Upper
172 100
171 36.0 26.5 39.7
170 24.0 18.8 28.2

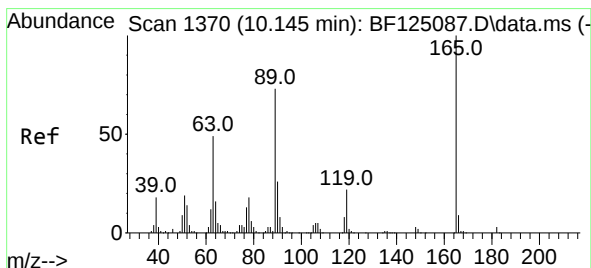
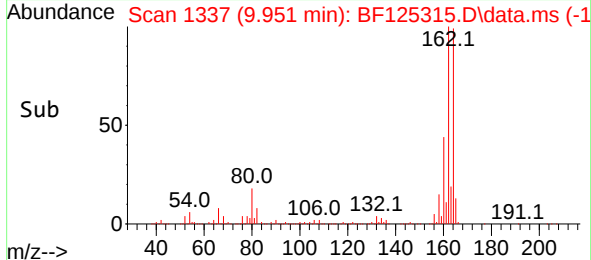
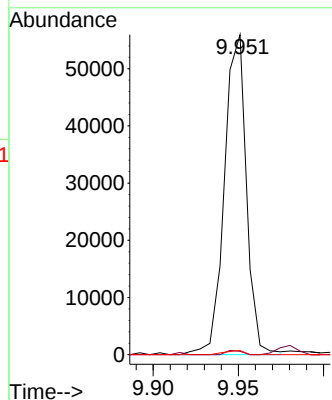
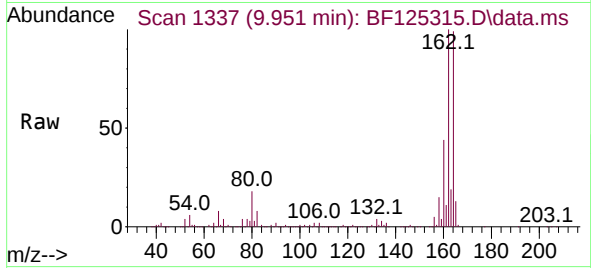




#51
2,6-Dinitrotoluene
Concen: 8.693 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.218 min
Lab File: BF125315.D
Acq: 1 Sep 2021 19:46

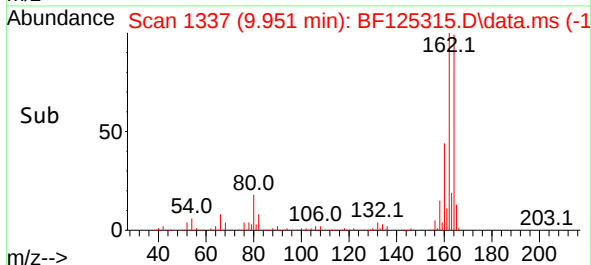
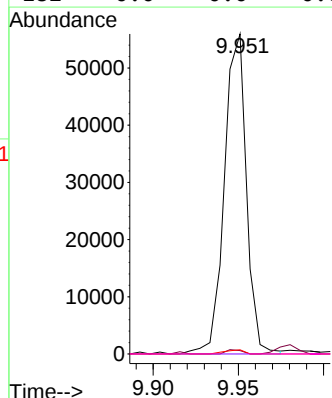
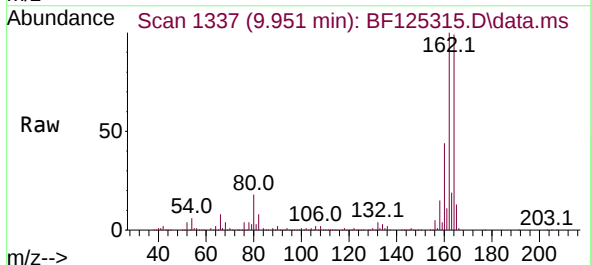
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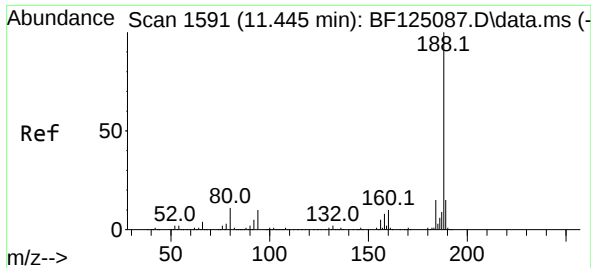
Tgt Ion:165 Resp: 50284
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.3 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.182 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.182 min
Lab File: BF125315.D
Acq: 1 Sep 2021 19:46

Tgt Ion:165 Resp: 50284
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 1.3 59.7 89.5#
182 0.0 0.0 0.0

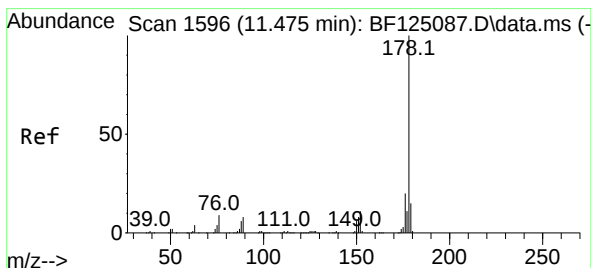
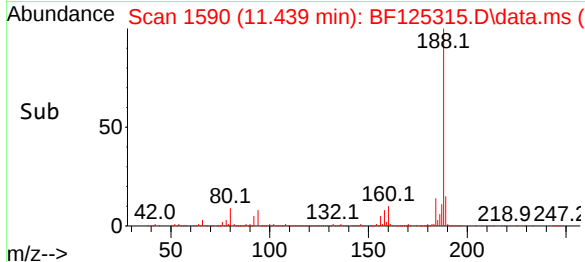
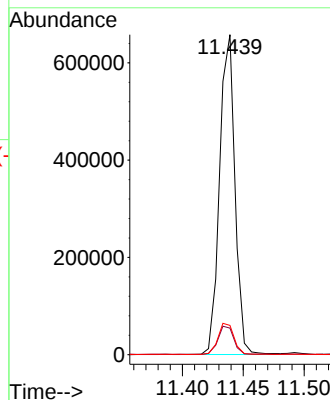
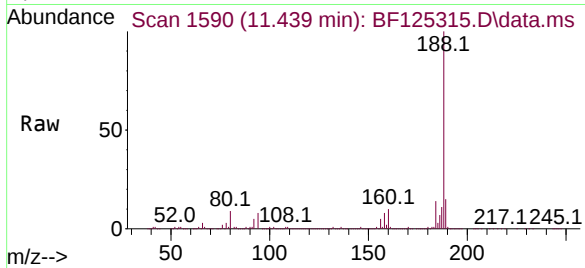




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF125315.D
Acq: 1 Sep 2021 19:46

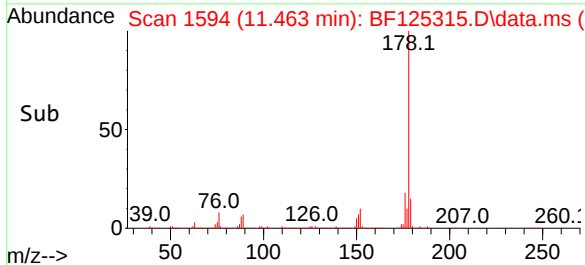
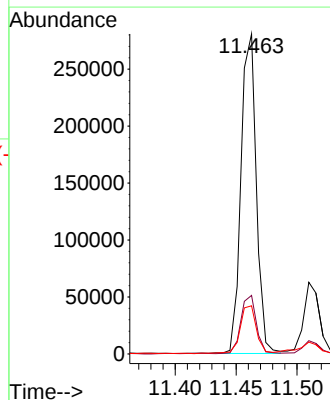
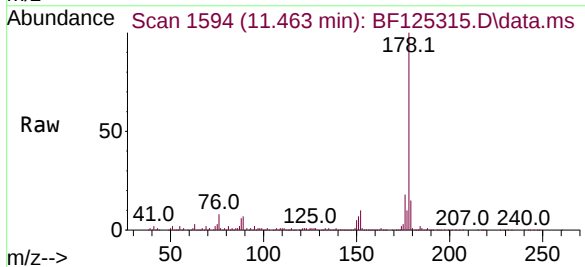
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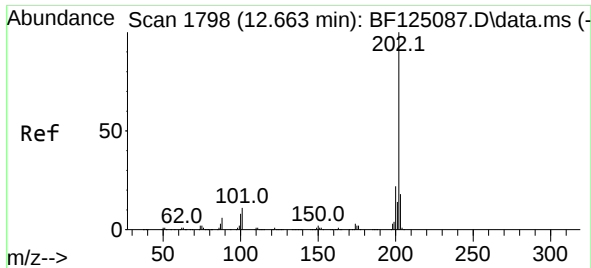
Tgt Ion:188 Resp: 579580
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 9.2 7.5 11.3



#71
Phenanthrene
Concen: 7.709 ng
RT: 11.463 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BF125315.D
Acq: 1 Sep 2021 19:46

Tgt Ion:178 Resp: 246178
Ion Ratio Lower Upper
178 100
176 18.3 14.7 22.1
179 15.1 11.5 17.3

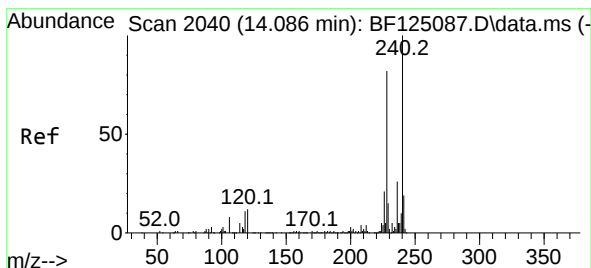
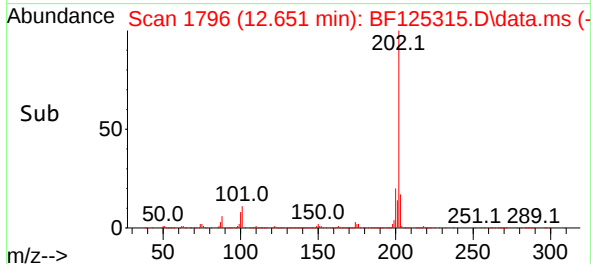
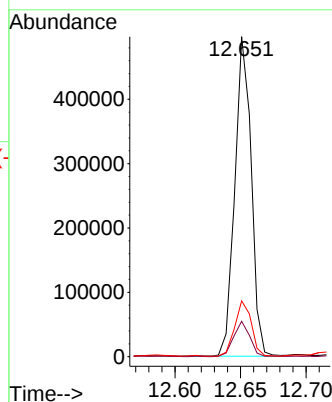
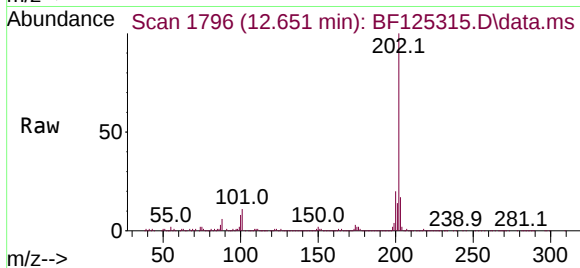




#75
Fluoranthene
Concen: 13.674 ng
RT: 12.651 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BF125315.D
Acq: 1 Sep 2021 19:46

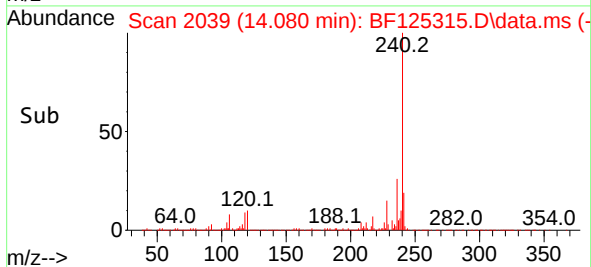
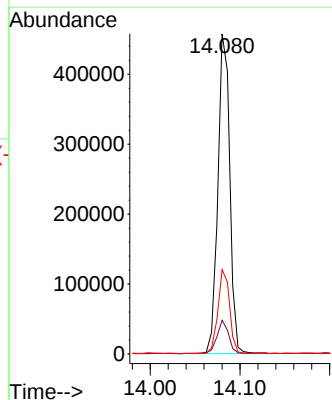
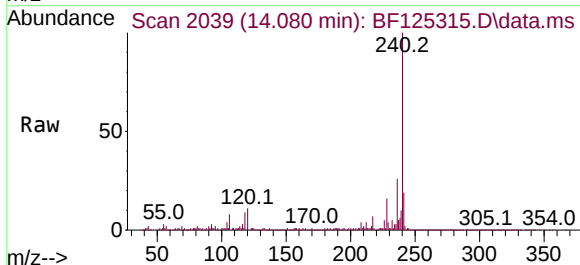
Instrument :
BNA_F
ClientSampleId :
191-0827-B1-DP

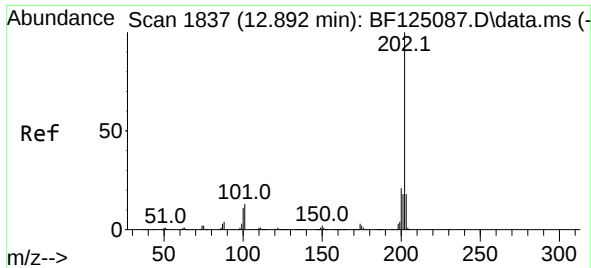
Tgt Ion:202 Resp: 433301
Ion Ratio Lower Upper
202 100
101 11.1 0.0 30.7
203 17.4 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BF125315.D
Acq: 1 Sep 2021 19:46

Tgt Ion:240 Resp: 421494
Ion Ratio Lower Upper
240 100
120 10.6 10.8 16.2#
236 26.3 21.6 32.4

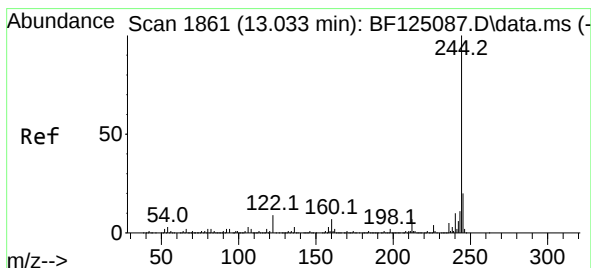
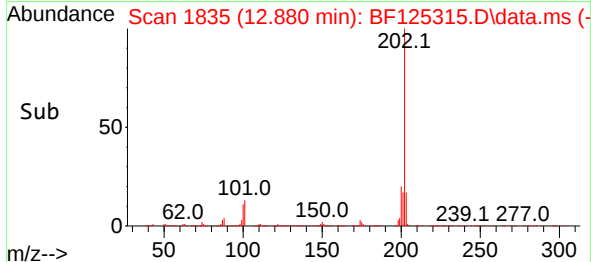
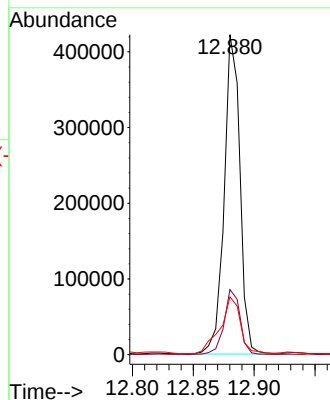
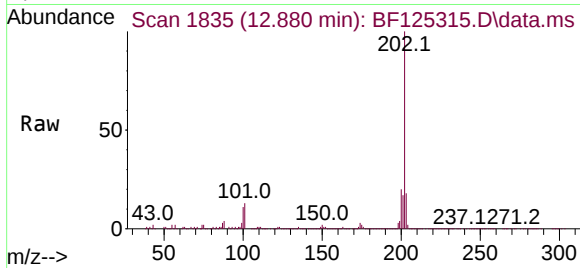




#78
Pyrene
Concen: 10.509 ng
RT: 12.880 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BF125315.D
Acq: 1 Sep 2021 19:46

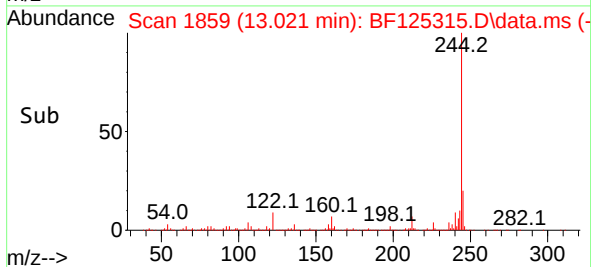
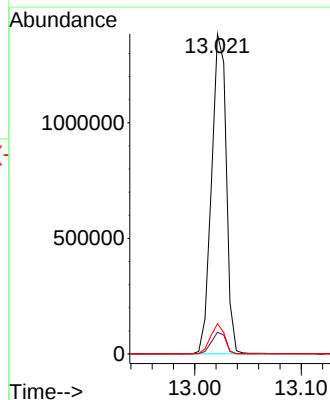
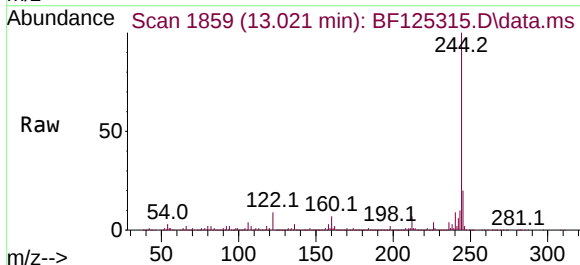
Instrument :
BNA_F
ClientSampleId :
191-0827-B1-DP

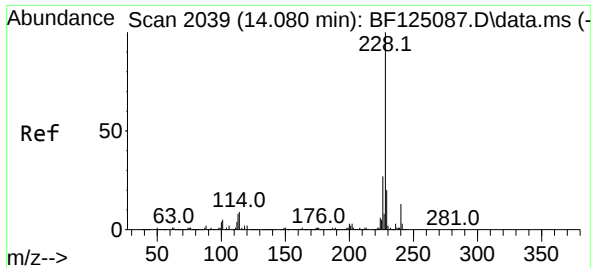
Tgt Ion:202 Resp: 379952
Ion Ratio Lower Upper
202 100
200 20.3 15.3 22.9
203 18.0 13.4 20.0



#79
Terphenyl-d14
Concen: 50.359 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BF125315.D
Acq: 1 Sep 2021 19:46

Tgt Ion:244 Resp: 1332393
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 9.5 9.0 13.4

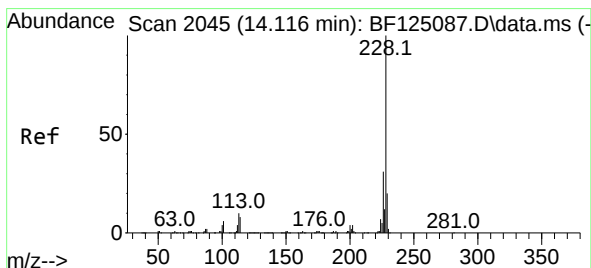
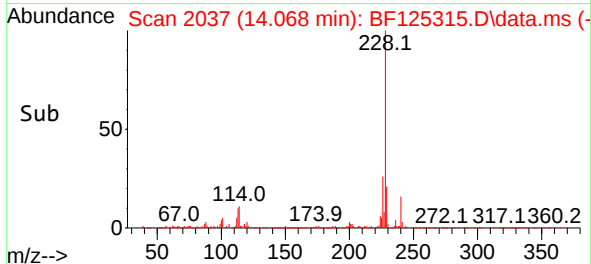
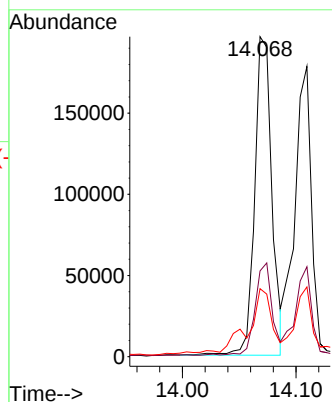
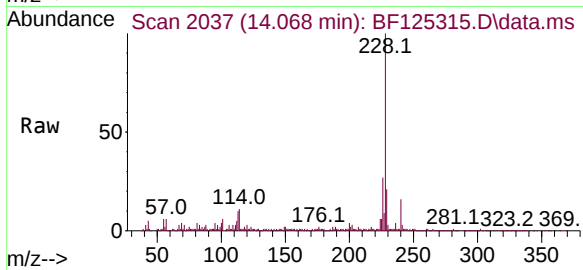




#81
Benzo(a)anthracene
Concen: 6.806 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.000 min
Lab File: BF125315.D
Acq: 1 Sep 2021 19:46

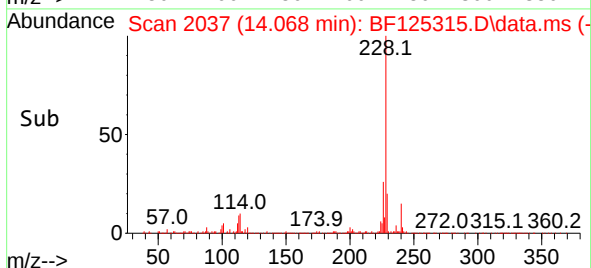
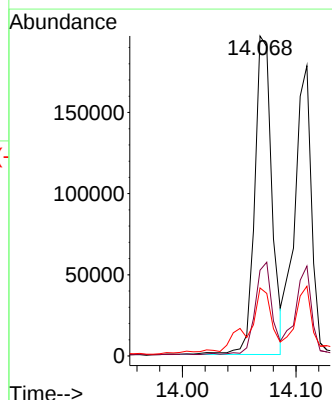
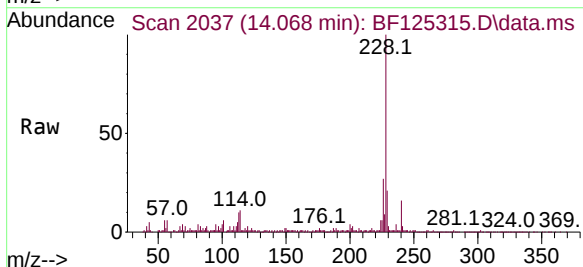
Instrument :
BNA_F
ClientSampleId :
191-0827-B1-DP

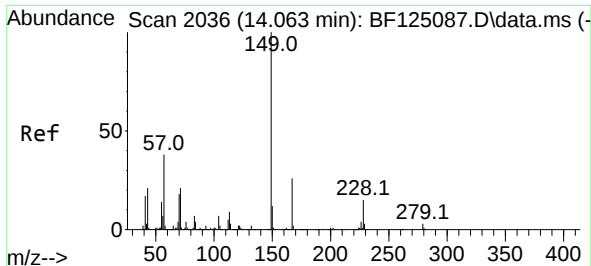
Tgt Ion:228 Resp: 206687
Ion Ratio Lower Upper
228 100
226 26.8 21.6 32.4
229 21.3 15.6 23.4



#83
Chrysene
Concen: 6.882 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.041 min
Lab File: BF125315.D
Acq: 1 Sep 2021 19:46

Tgt Ion:228 Resp: 206687
Ion Ratio Lower Upper
228 100
226 26.8 22.6 34.0
229 21.3 15.9 23.9

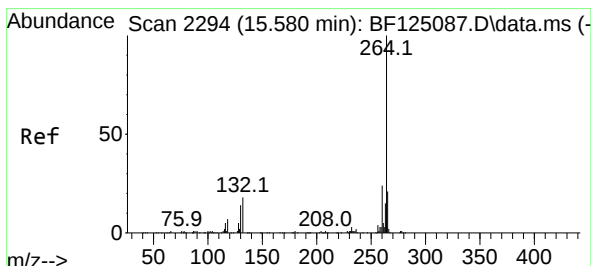
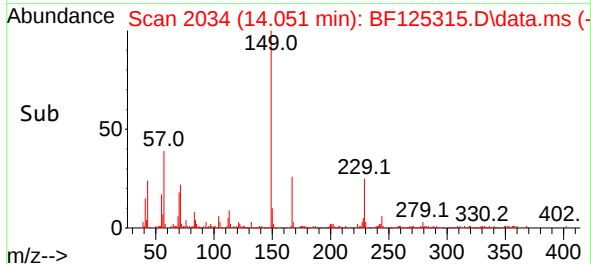
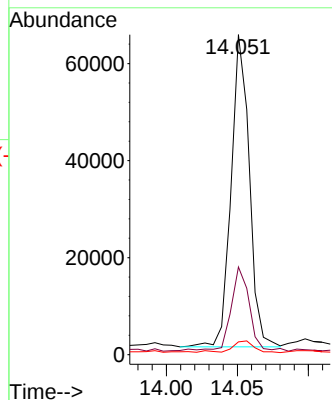
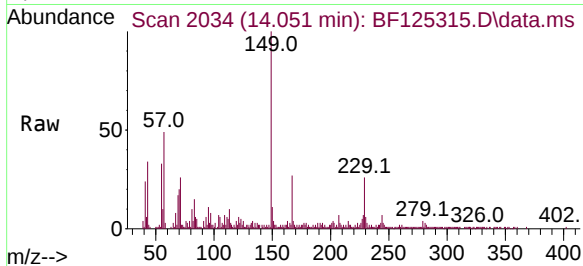




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.928 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF125315.D
Acq: 1 Sep 2021 19:46

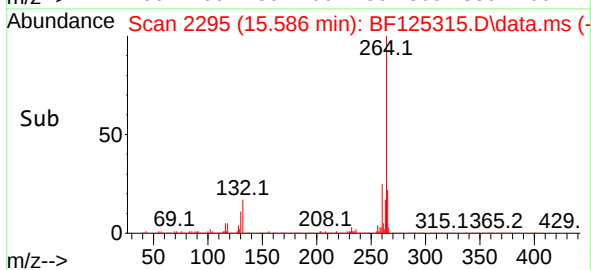
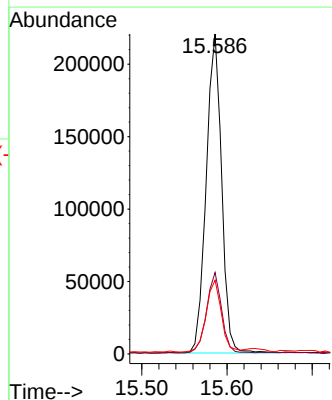
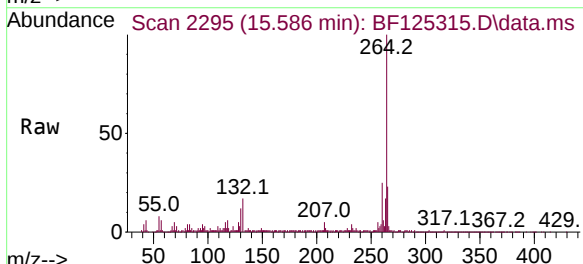
Instrument :
BNA_F
ClientSampleId :
191-0827-B1-DP

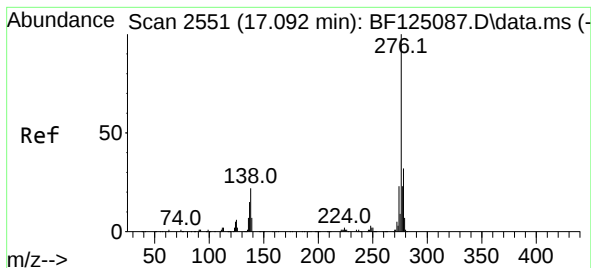
Tgt Ion:149 Resp: 57176
Ion Ratio Lower Upper
149 100
167 27.4 21.4 32.0
279 4.0 2.6 4.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 2295
Delta R.T. 0.012 min
Lab File: BF125315.D
Acq: 1 Sep 2021 19:46

Tgt Ion:264 Resp: 276393
Ion Ratio Lower Upper
264 100
260 25.4 19.6 29.4
265 23.1 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.527 ng

RT: 17.098 min Scan# 2552

Delta R.T. 0.006 min

Lab File: BF125315.D

Acq: 1 Sep 2021 19:46

Tgt Ion:276 Resp: 70229

Ion Ratio Lower Upper

276 100

138 19.6 24.1 36.1#

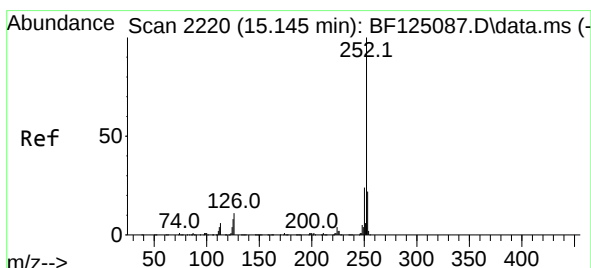
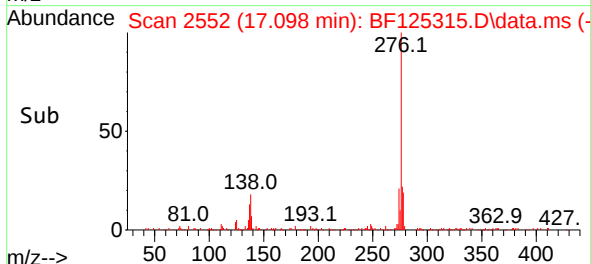
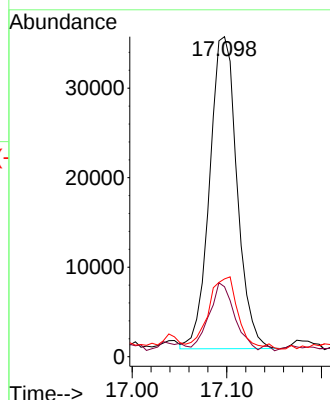
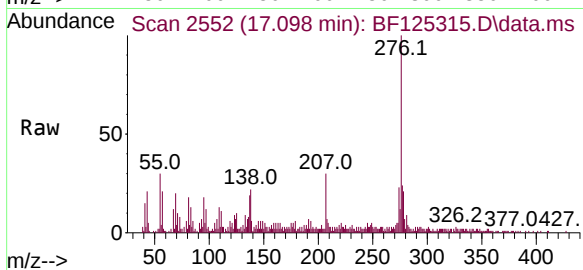
277 25.3 18.8 28.2

Instrument :

BNA_F

ClientSampleId :

191-0827-B1-DP



#88

Benzo(b)fluoranthene

Concen: 12.553 ng

RT: 15.139 min Scan# 2219

Delta R.T. 0.006 min

Lab File: BF125315.D

Acq: 1 Sep 2021 19:46

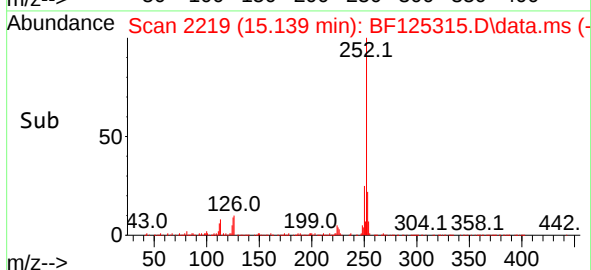
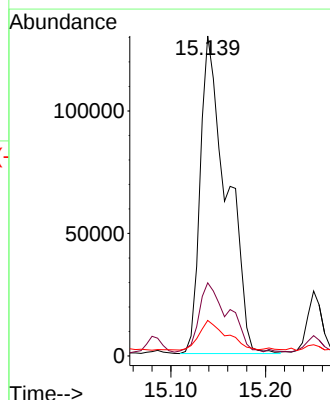
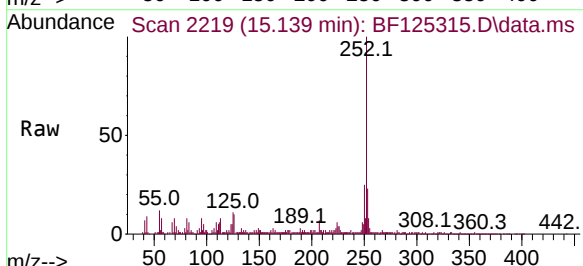
Tgt Ion:252 Resp: 253486

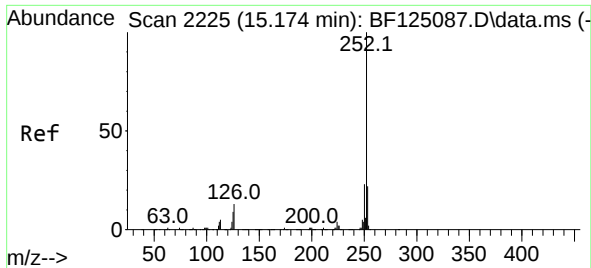
Ion Ratio Lower Upper

252 100

253 22.9 16.8 25.2

125 11.1 9.8 14.8

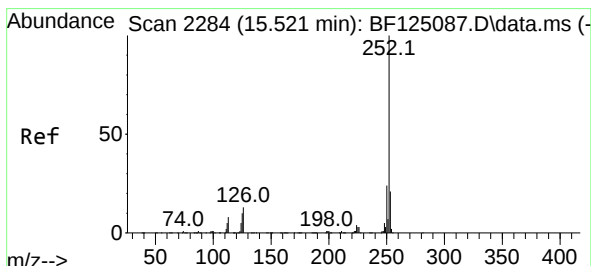
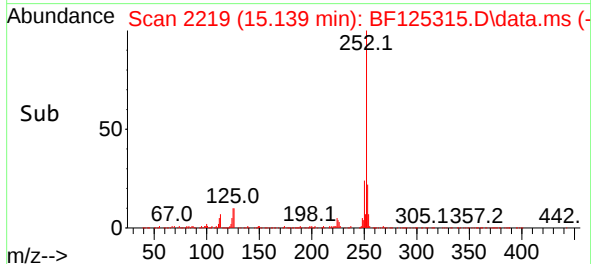
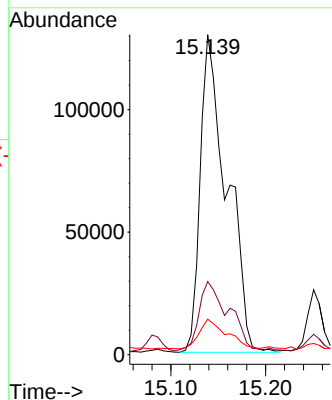
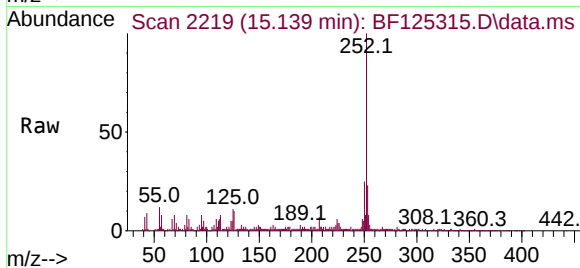




#89
Benzo(k)fluoranthene
Concen: 13.453 ng
RT: 15.139 min Scan# 2219
Delta R.T. -0.029 min
Lab File: BF125315.D
Acq: 1 Sep 2021 19:46

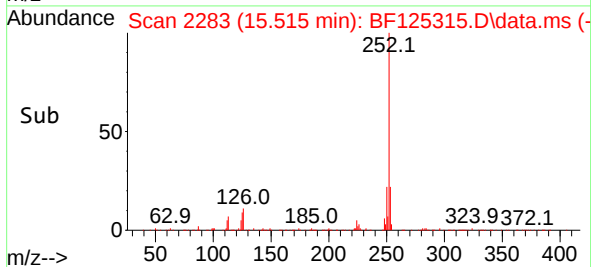
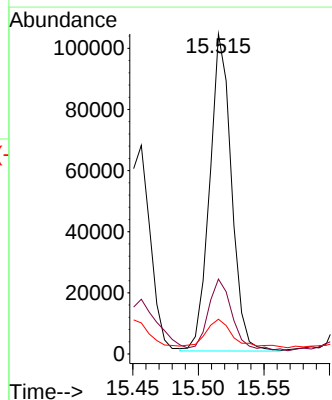
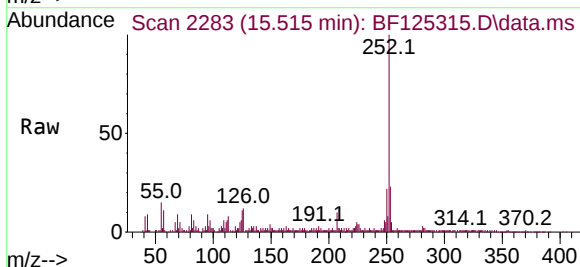
Instrument :
BNA_F
ClientSampleId :
191-0827-B1-DP

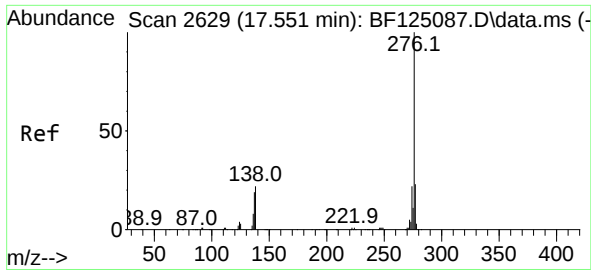
Tgt Ion:252 Resp: 253486
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 11.1 7.2 10.8#



#90
Benzo(a)pyrene
Concen: 6.726 ng
RT: 15.515 min Scan# 2283
Delta R.T. -0.000 min
Lab File: BF125315.D
Acq: 1 Sep 2021 19:46

Tgt Ion:252 Resp: 119966
Ion Ratio Lower Upper
252 100
253 23.4 18.4 27.6
125 10.9 9.9 14.9





#92

Benzo(g,h,i)perylene

Concen: 4.082 ng

RT: 17.550 min Scan# 2629

Delta R.T. -0.000 min

Lab File: BF125315.D

Acq: 1 Sep 2021 19:46

Tgt Ion:276 Resp: 67741

Ion Ratio Lower Upper

276 100

277 26.8 22.0 33.0

138 24.2 22.2 33.4

Instrument :

BNA_F

ClientSampleId :

191-0827-B1-DP

