

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090121\
 Data File : BF125311.D
 Acq On : 1 Sep 2021 17:39
 Operator : JU/CG
 Sample : M3616-01 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-083121

Quant Time: Sep 02 08:16:29 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)

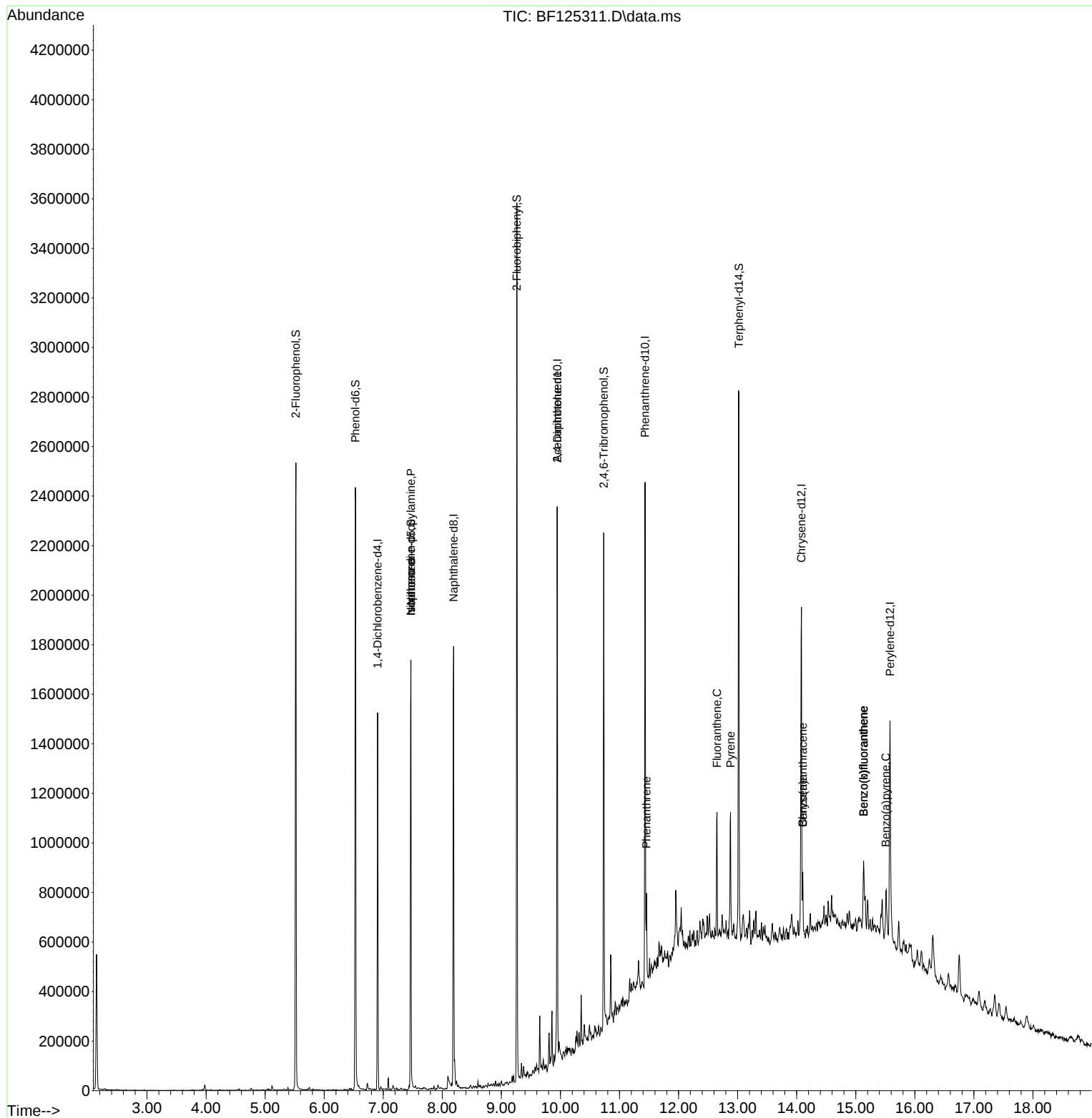
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	196365	20.000	ng	-0.01
21) Naphthalene-d8	8.192	136	785578	20.000	ng	# 0.00
39) Acenaphthene-d10	9.945	164	424695	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	699144	20.000	ng	0.00
76) Chrysene-d12	14.080	240	447397	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	425516	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	652795	50.318	ng	0.00
7) Phenol-d6	6.527	99	831934	49.583	ng	-0.01
23) Nitrobenzene-d5	7.469	82	528076	33.842	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	232739	54.899	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1003650	32.937	ng	-0.01
79) Terphenyl-d14	13.021	244	857128	30.521	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.469	70	71073	7.042	ng	# 57
25) Isophorone	7.469	82	526418	17.488	ng	# 59
57) 2,4-Dinitrotoluene	9.945	165	55408	7.174	ng	# 20
71) Phenanthrene	11.457	178	115215	2.991	ng	# 95
75) Fluoranthene	12.651	202	211851	5.542	ng	98
78) Pyrene	12.880	202	215207	5.608	ng	96
81) Benzo(a)anthracene	14.103	228	112344	3.485	ng	94
83) Chrysene	14.103	228	112344	3.524	ng	96
88) Benzo(b)fluoranthene	15.133	252	183607	5.906	ng	95
89) Benzo(k)fluoranthene	15.133	252	183607	6.329	ng	# 94
90) Benzo(a)pyrene	15.509	252	106504	3.878	ng	98

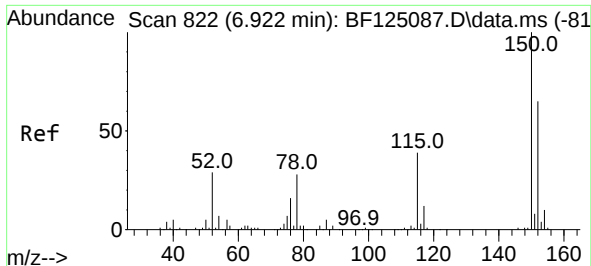
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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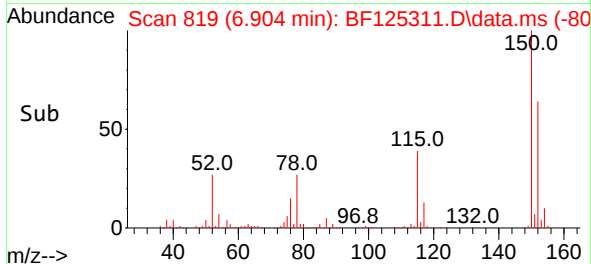
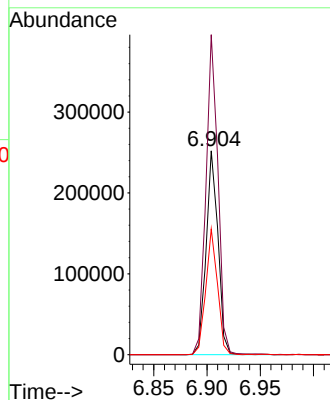
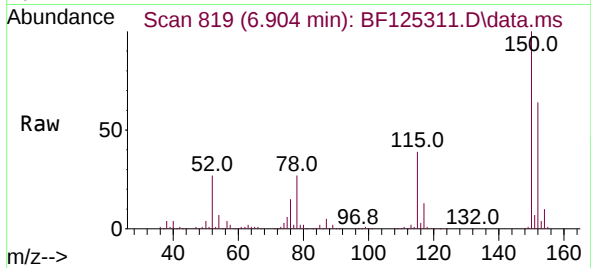




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF125311.D
Acq: 1 Sep 2021 17:39

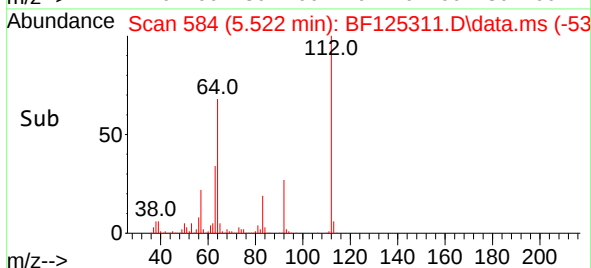
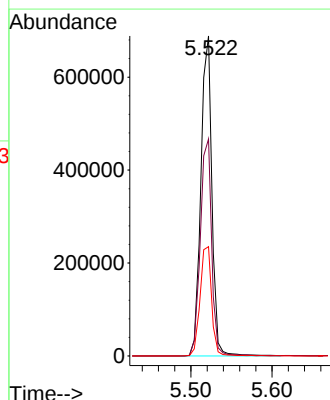
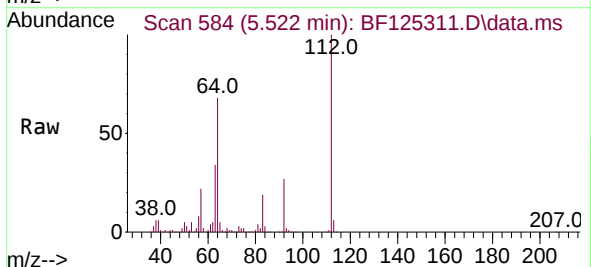
Instrument :
BNA_F
ClientSampleId :
CL-01-083121

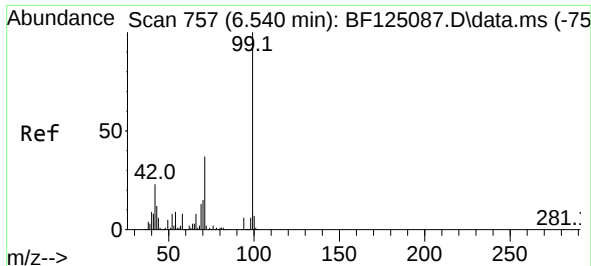
Tgt Ion:152 Resp: 196365
Ion Ratio Lower Upper
152 100
150 157.0 117.6 176.4
115 61.7 47.1 70.7



#5
2-Fluorophenol
Concen: 50.318 ng
RT: 5.522 min Scan# 584
Delta R.T. -0.006 min
Lab File: BF125311.D
Acq: 1 Sep 2021 17:39

Tgt Ion:112 Resp: 652795
Ion Ratio Lower Upper
112 100
64 67.8 44.2 66.2#
63 34.2 26.2 39.2

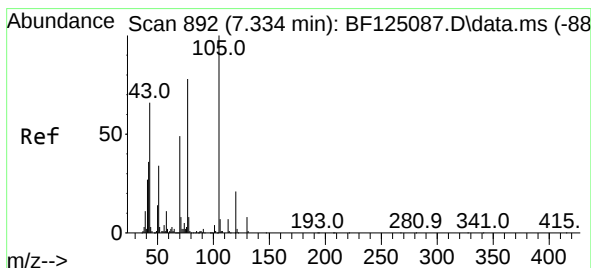
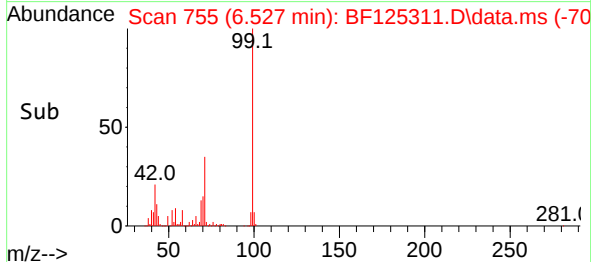
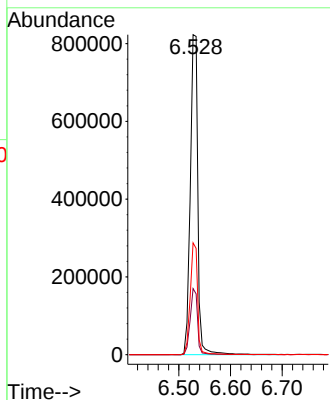
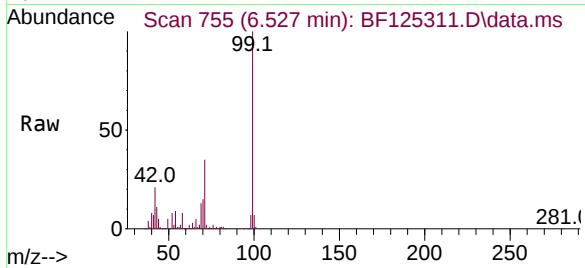




#7
Phenol-d6
Concen: 49.583 ng
RT: 6.527 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF125311.D
Acq: 1 Sep 2021 17:39

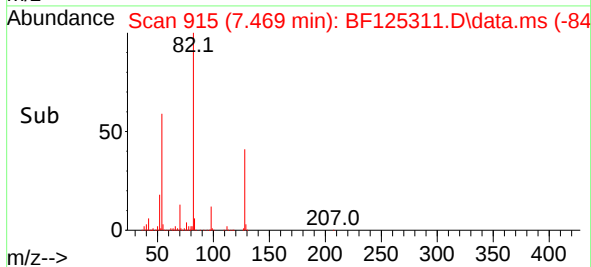
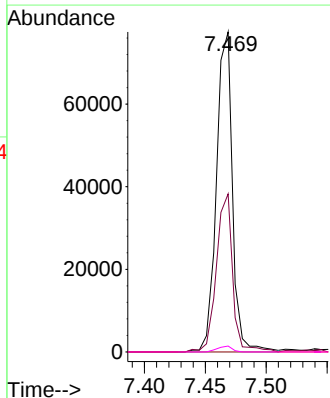
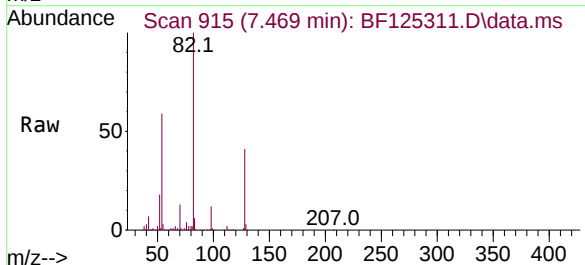
Instrument :
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ClientSampleId :
CL-01-083121

Tgt Ion: 99 Resp: 831934
Ion Ratio Lower Upper
99 100
42 20.6 23.5 35.3#
71 34.9 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 7.042 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.141 min
Lab File: BF125311.D
Acq: 1 Sep 2021 17:39

Tgt Ion: 70 Resp: 71073
Ion Ratio Lower Upper
70 100
42 49.4 72.2 108.2#
101 0.0 7.8 11.8#
130 1.9 21.8 32.6#

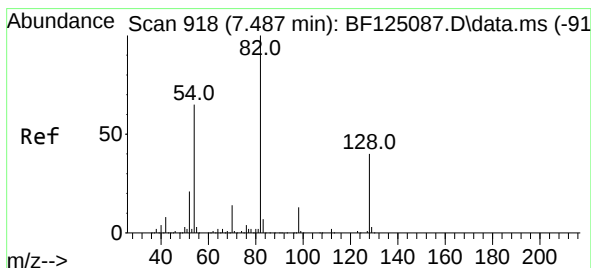
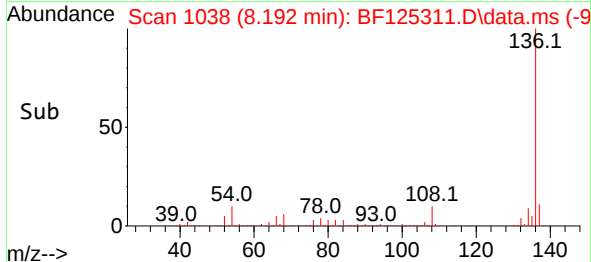
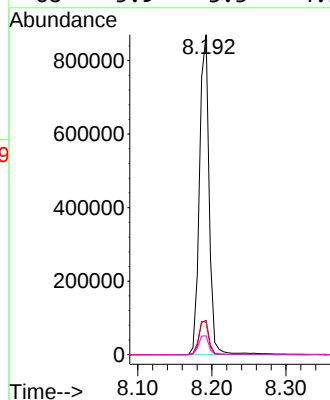
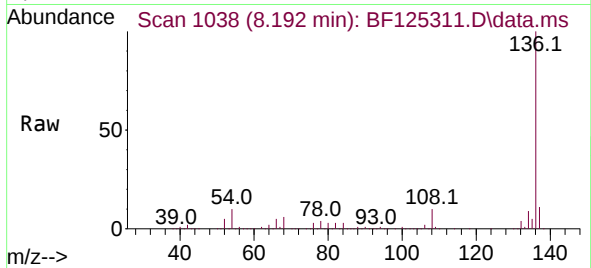




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF125311.D
Acq: 1 Sep 2021 17:39

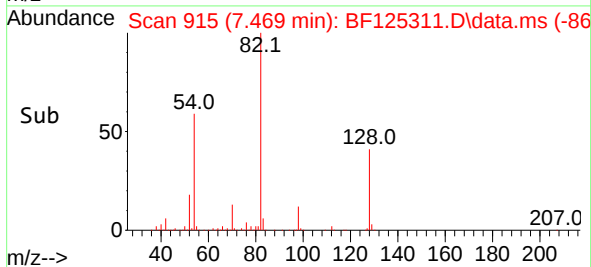
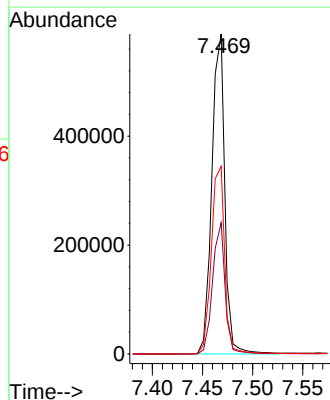
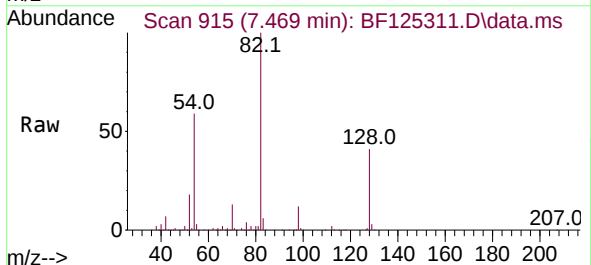
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BNA_F
ClientSampleId :
CL-01-083121

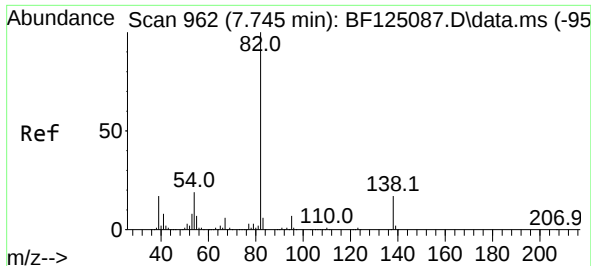
Tgt	Ion:136	Resp:	785578
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.8	14.6
54	10.1	6.4	9.6#
68	5.9	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 33.842 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.012 min
Lab File: BF125311.D
Acq: 1 Sep 2021 17:39

Tgt Ion: 82	Resp: 528076
Ion Ratio	Lower Upper
82 100	
128 41.0	40.6 60.8
54 58.6	49.6 74.4

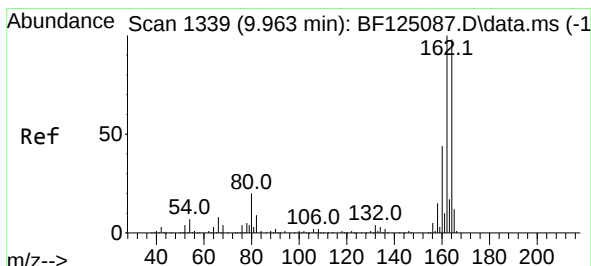
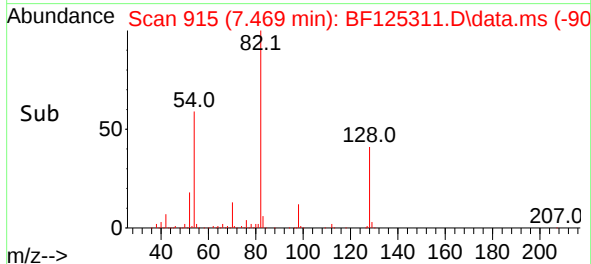
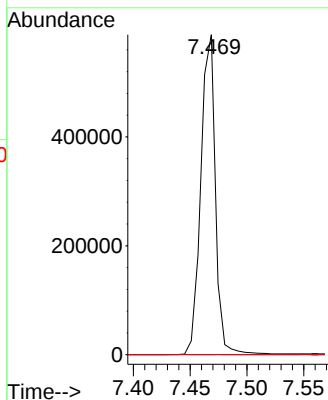
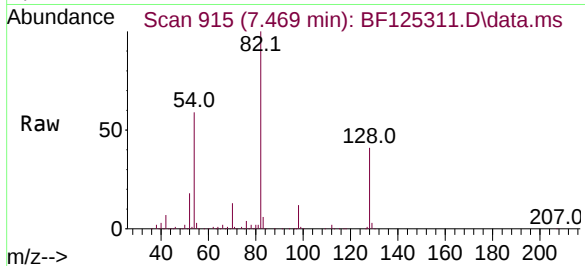




#25
Isophorone
Concen: 17.488 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.265 min
Lab File: BF125311.D
Acq: 1 Sep 2021 17:39

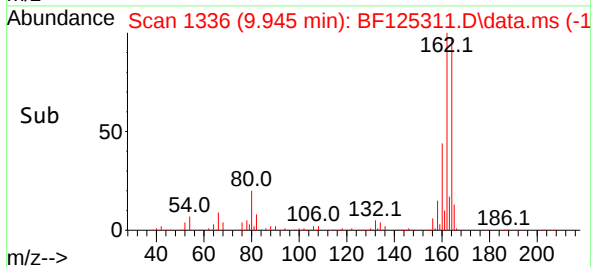
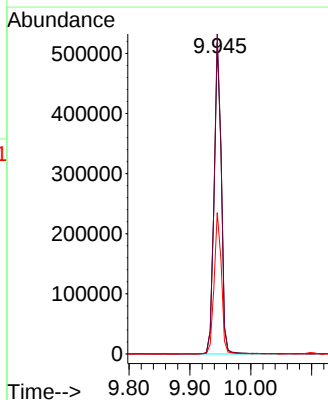
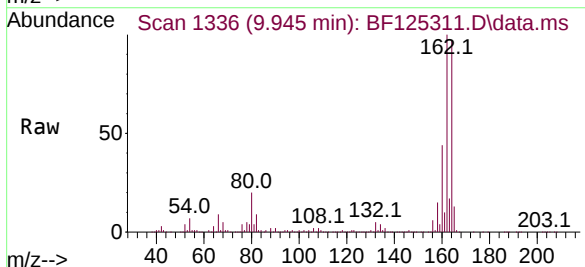
Instrument :
BNA_F
ClientSampleId :
CL-01-083121

Tgt Ion: 82 Resp: 526418
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: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF125311.D
Acq: 1 Sep 2021 17:39

Tgt Ion: 164 Resp: 424695
Ion Ratio Lower Upper
164 100
162 102.8 81.3 121.9
160 45.4 38.0 57.0

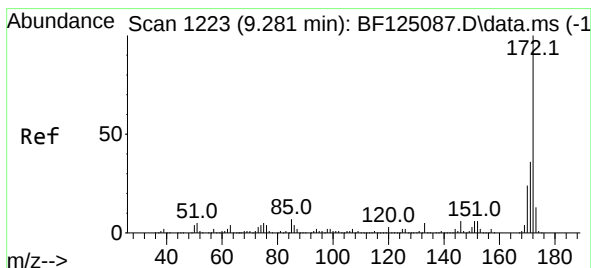
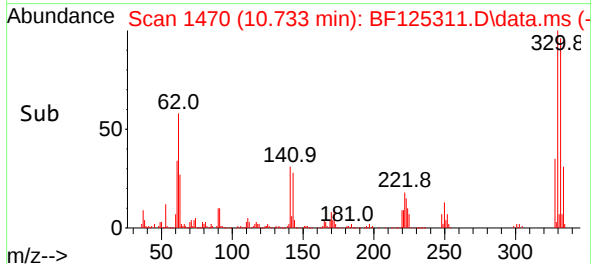
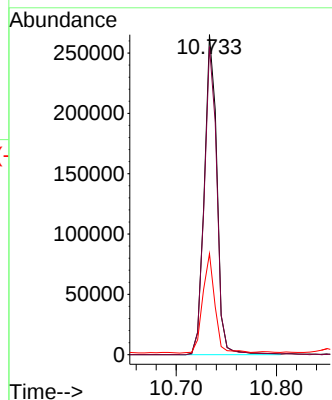
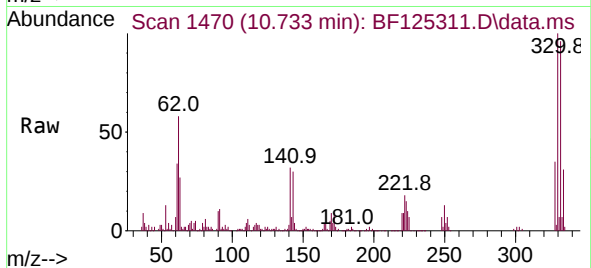




#42
2,4,6-Tribromophenol
Concen: 54.899 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.006 min
Lab File: BF125311.D
Acq: 1 Sep 2021 17:39

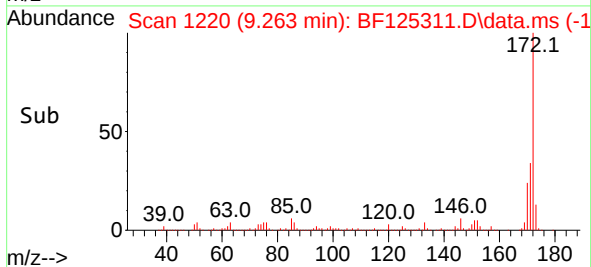
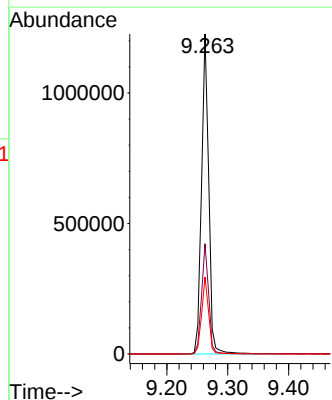
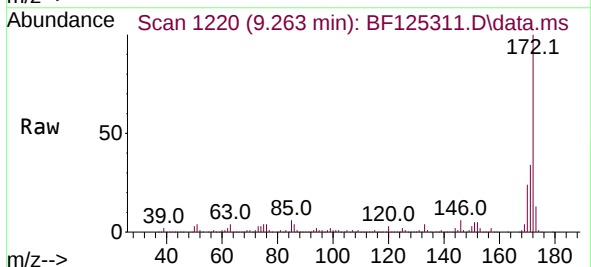
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CL-01-083121

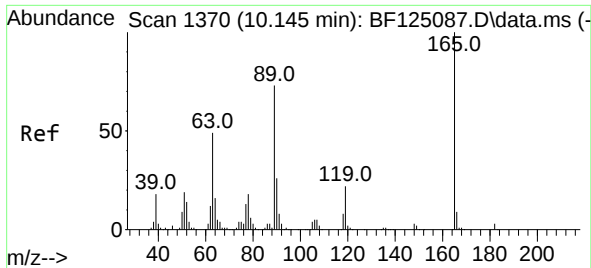
Tgt Ion: 330 Resp: 232739
Ion Ratio Lower Upper
330 100
332 96.9 76.2 114.4
141 30.1 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 32.937 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.012 min
Lab File: BF125311.D
Acq: 1 Sep 2021 17:39

Tgt Ion: 172 Resp: 1003650
Ion Ratio Lower Upper
172 100
171 34.4 26.5 39.7
170 24.0 18.8 28.2

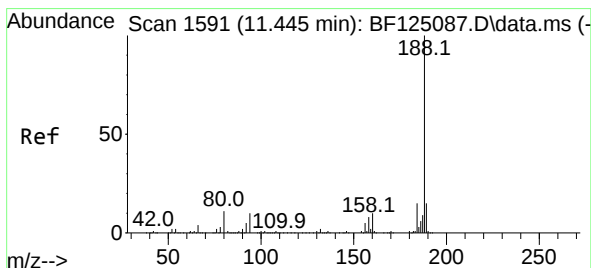
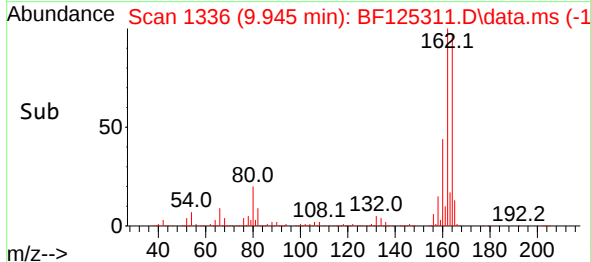
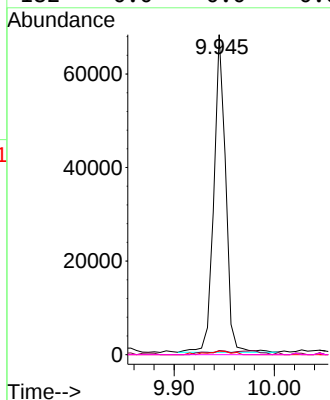
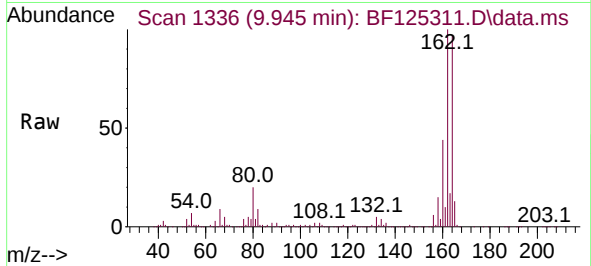




#57
2,4-Dinitrotoluene
Concen: 7.174 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.188 min
Lab File: BF125311.D
Acq: 1 Sep 2021 17:39

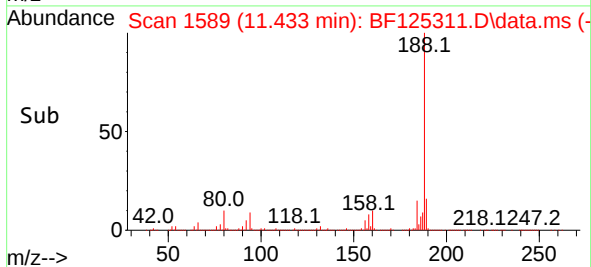
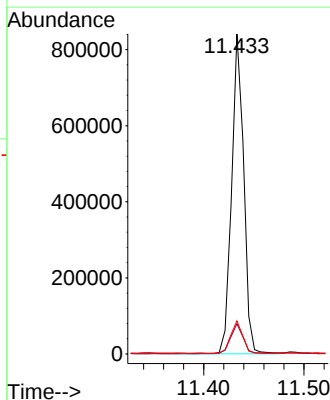
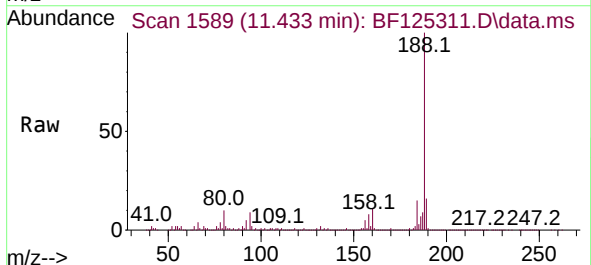
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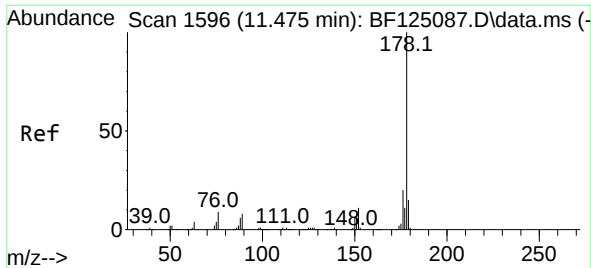
Tgt Ion:165 Resp: 55408
Ion Ratio Lower Upper
165 100
63 1.3 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF125311.D
Acq: 1 Sep 2021 17:39

Tgt Ion:188 Resp: 699144
Ion Ratio Lower Upper
188 100
94 9.4 6.7 10.1
80 10.3 7.5 11.3

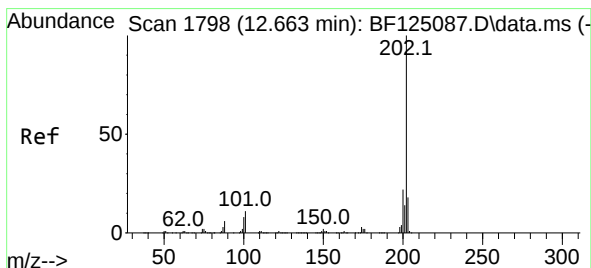
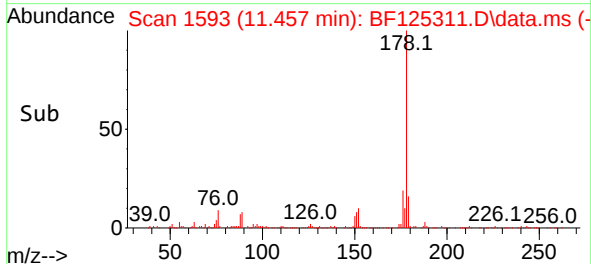
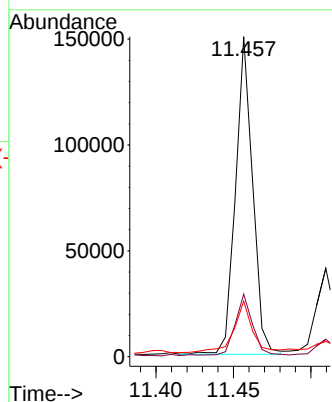
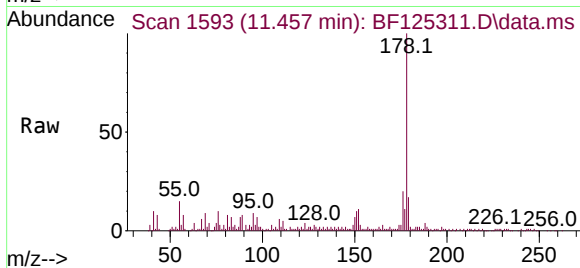




#71
Phenanthrene
Concen: 2.991 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.006 min
Lab File: BF125311.D
Acq: 1 Sep 2021 17:39

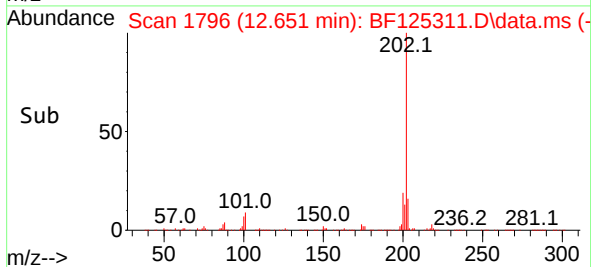
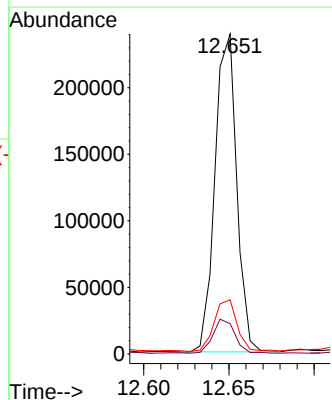
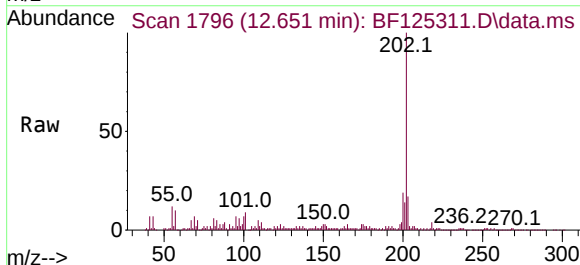
Instrument :
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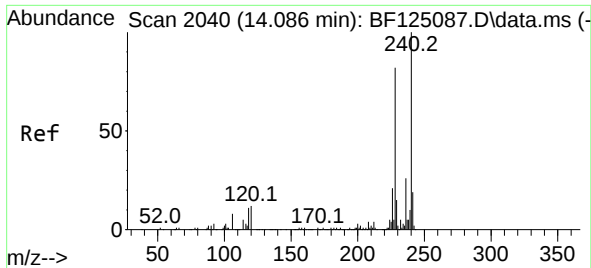
Tgt Ion:178 Resp: 115215
Ion Ratio Lower Upper
178 100
176 19.6 14.7 22.1
179 17.3 11.5 17.3#



#75
Fluoranthene
Concen: 5.542 ng
RT: 12.651 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BF125311.D
Acq: 1 Sep 2021 17:39

Tgt Ion:202 Resp: 211851
Ion Ratio Lower Upper
202 100
101 9.5 0.0 30.7
203 16.9 0.0 36.3

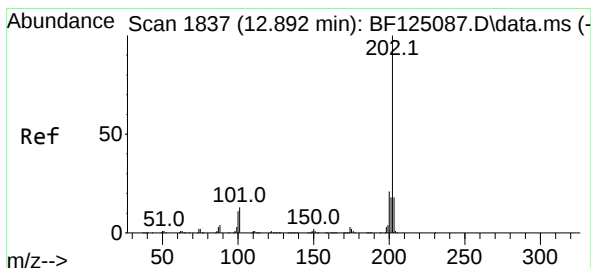
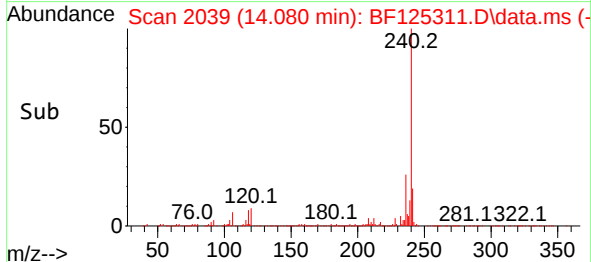
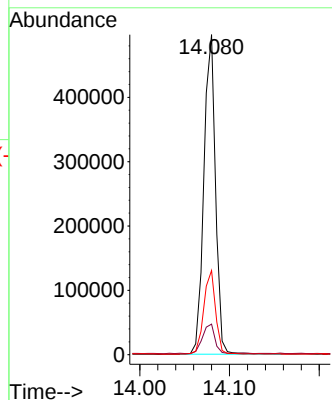
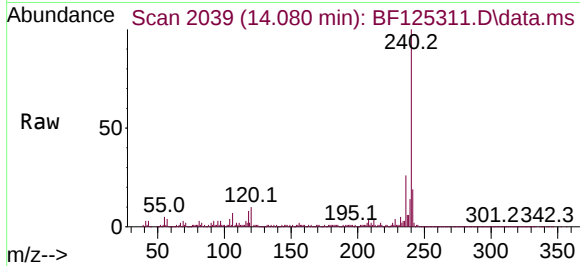




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BF125311.D
Acq: 1 Sep 2021 17:39

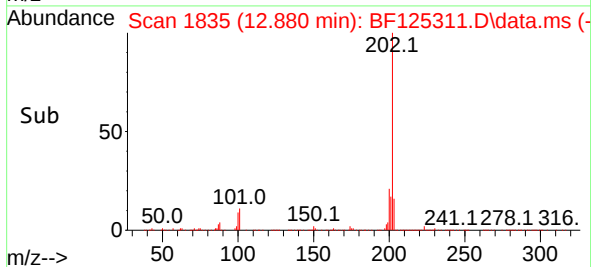
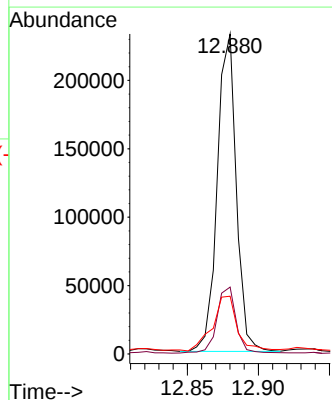
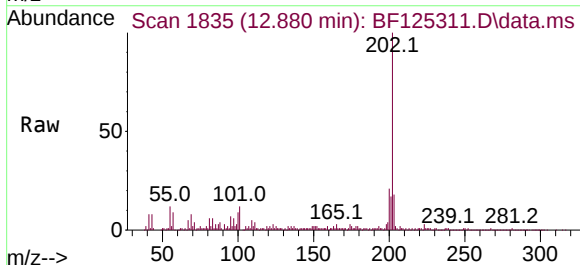
Instrument :
BNA_F
ClientSampleId :
CL-01-083121

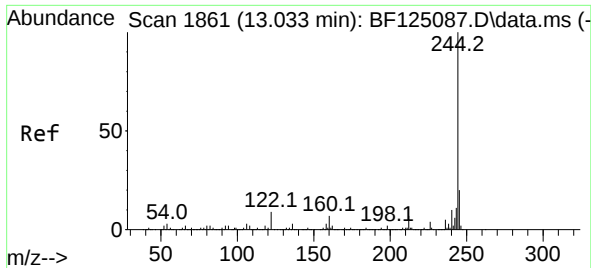
Tgt Ion:240 Resp: 447397
Ion Ratio Lower Upper
240 100
120 9.5 10.8 16.2#
236 26.3 21.6 32.4



#78
Pyrene
Concen: 5.608 ng
RT: 12.880 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BF125311.D
Acq: 1 Sep 2021 17:39

Tgt Ion:202 Resp: 215207
Ion Ratio Lower Upper
202 100
200 20.9 15.3 22.9
203 18.1 13.4 20.0

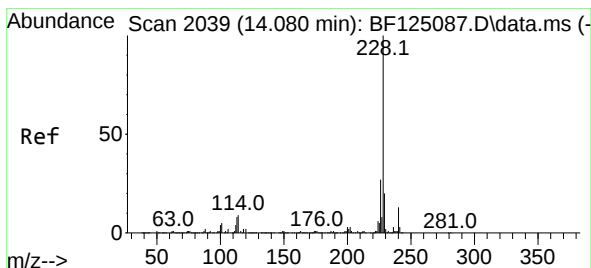
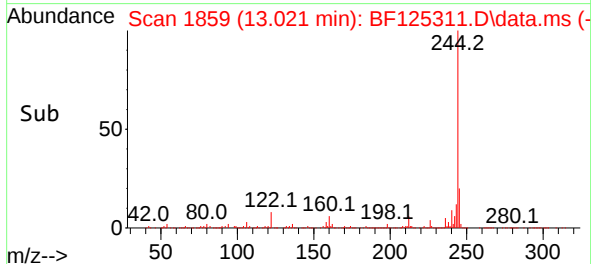
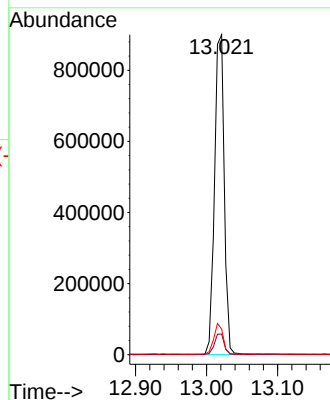
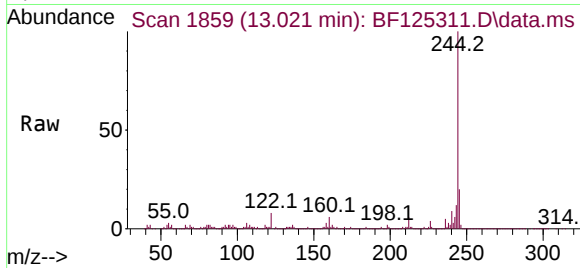




#79
Terphenyl-d14
Concen: 30.521 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BF125311.D
Acq: 1 Sep 2021 17:39

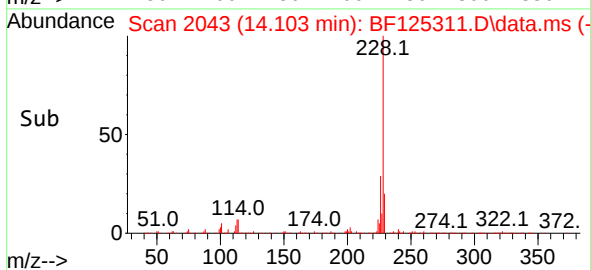
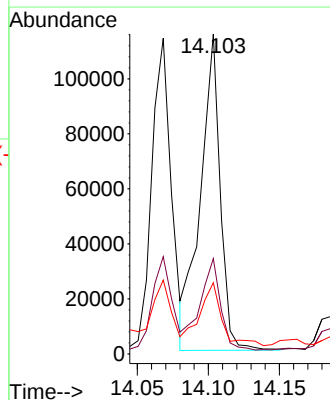
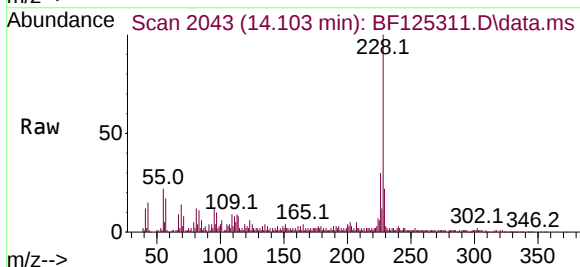
Instrument :
BNA_F
ClientSampleId :
CL-01-083121

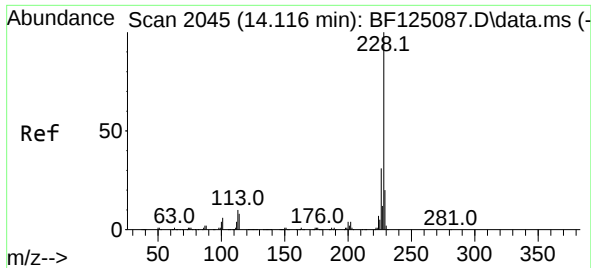
Tgt Ion:244 Resp: 857128
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 8.0 9.0 13.4#



#81
Benzo(a)anthracene
Concen: 3.485 ng
RT: 14.103 min Scan# 2043
Delta R.T. 0.035 min
Lab File: BF125311.D
Acq: 1 Sep 2021 17:39

Tgt Ion:228 Resp: 112344
Ion Ratio Lower Upper
228 100
226 29.8 21.6 32.4
229 22.2 15.6 23.4

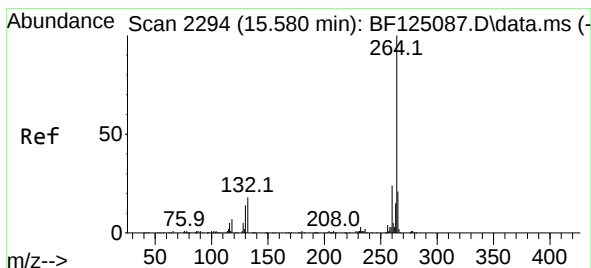
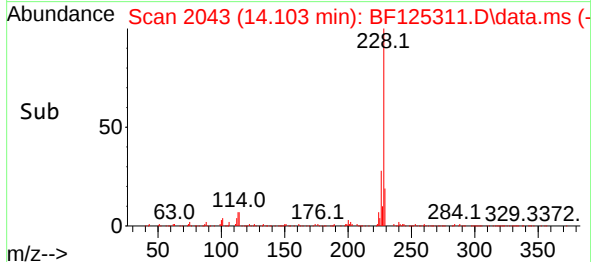
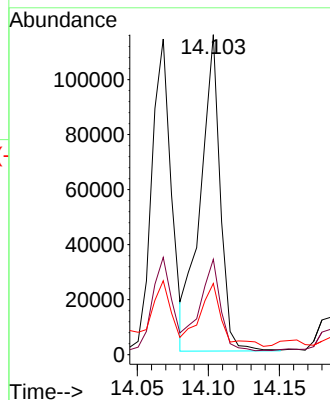
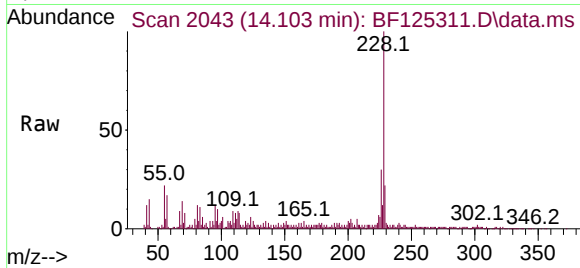




#83
Chrysene
Concen: 3.524 ng
RT: 14.103 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BF125311.D
Acq: 1 Sep 2021 17:39

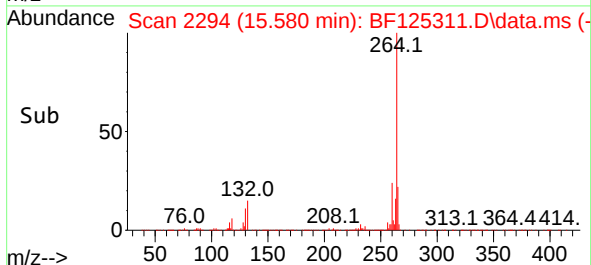
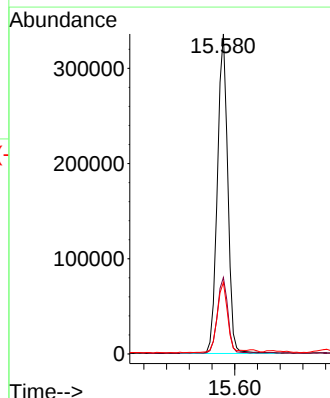
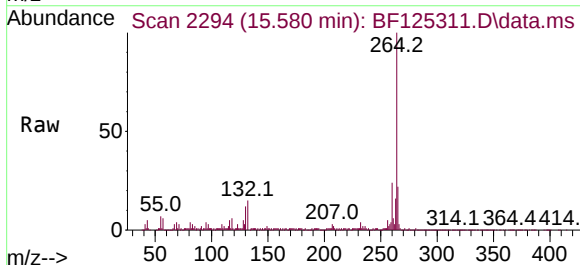
Instrument :
BNA_F
ClientSampleId :
CL-01-083121

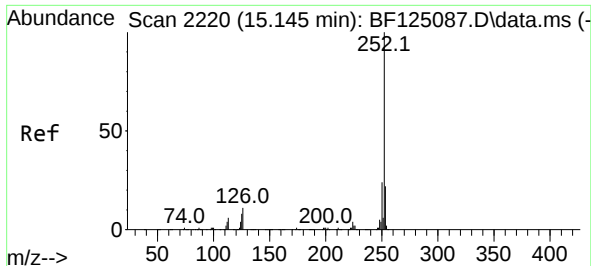
Tgt Ion:228 Resp: 112344
Ion Ratio Lower Upper
228 100
226 29.8 22.6 34.0
229 22.2 15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2294
Delta R.T. 0.006 min
Lab File: BF125311.D
Acq: 1 Sep 2021 17:39

Tgt Ion:264 Resp: 425516
Ion Ratio Lower Upper
264 100
260 23.9 19.6 29.4
265 22.4 17.2 25.8

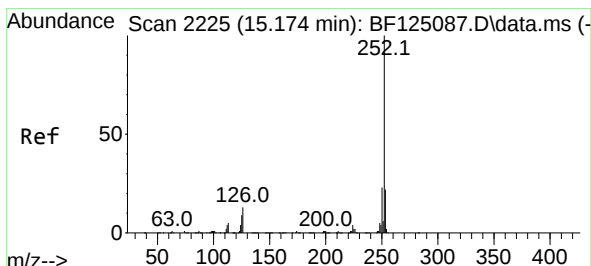
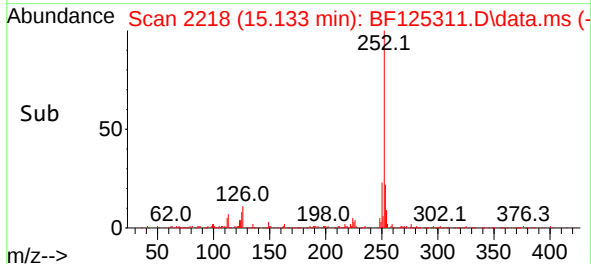
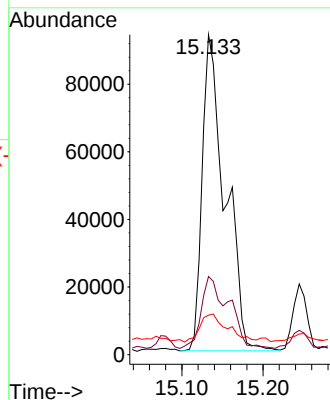
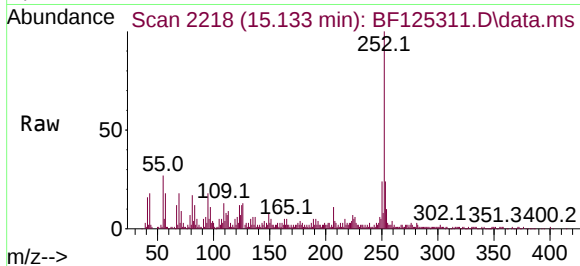




#88
Benzo(b)fluoranthene
Concen: 5.906 ng
RT: 15.133 min Scan# 2218
Delta R.T. -0.000 min
Lab File: BF125311.D
Acq: 1 Sep 2021 17:39

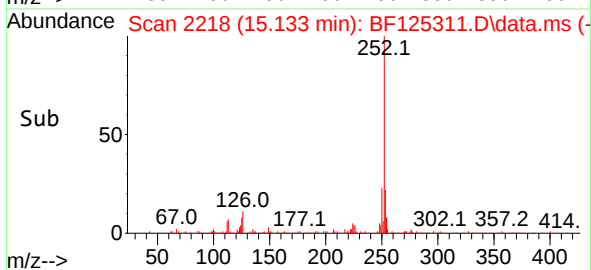
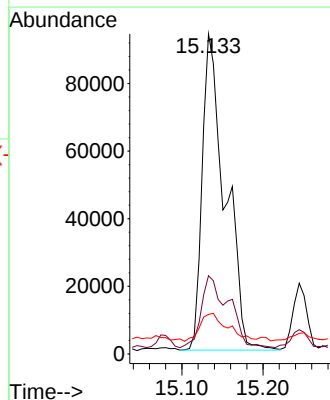
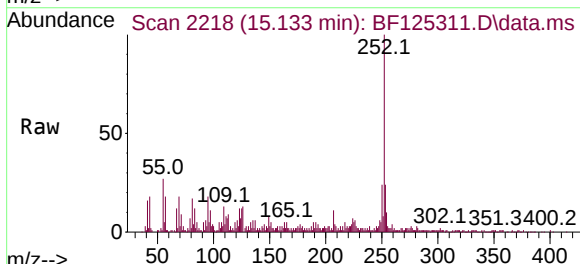
Instrument :
BNA_F
ClientSampleId :
CL-01-083121

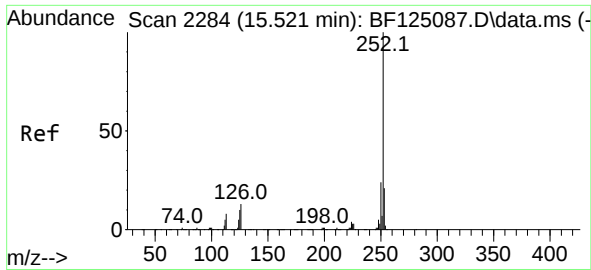
Tgt Ion:252 Resp: 183607
Ion Ratio Lower Upper
252 100
253 24.5 16.8 25.2
125 12.3 9.8 14.8



#89
Benzo(k)fluoranthene
Concen: 6.329 ng
RT: 15.133 min Scan# 2218
Delta R.T. -0.035 min
Lab File: BF125311.D
Acq: 1 Sep 2021 17:39

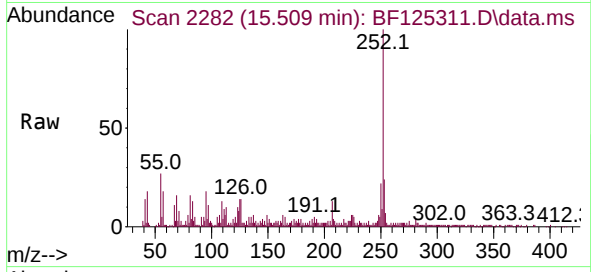
Tgt Ion:252 Resp: 183607
Ion Ratio Lower Upper
252 100
253 24.5 17.8 26.8
125 12.3 7.2 10.8#





#90
Benzo(a)pyrene
Concen: 3.878 ng
RT: 15.509 min Scan# 2282
Delta R.T. -0.006 min
Lab File: BF125311.D
Acq: 1 Sep 2021 17:39

Instrument :
BNA_F
ClientSampleId :
CL-01-083121



Tgt Ion:252	Resp:	106504
Ion Ratio	Lower	Upper
252	100	
253	24.1	18.4 27.6
125	13.5	9.9 14.9

