

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090221\
 Data File : BF125334.D
 Acq On : 2 Sep 2021 22:20
 Operator : JU/CG
 Sample : M3614-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-8-083121

Quant Time: Sep 03 05:00:20 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)

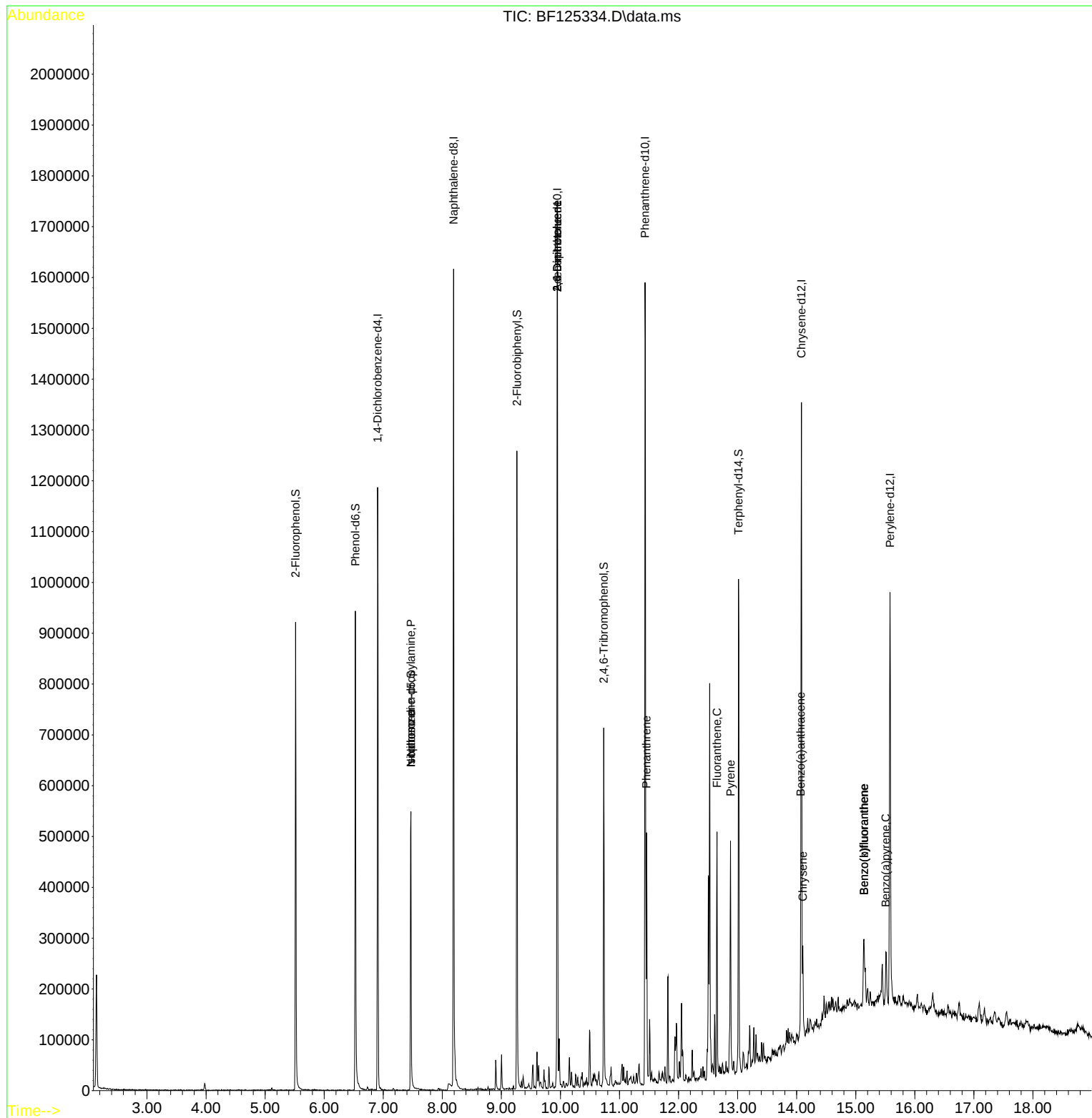
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	172343	20.000	ng	-0.01
21) Naphthalene-d8	8.192	136	674984	20.000	ng	# 0.00
39) Acenaphthene-d10	9.945	164	367671	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	613274	20.000	ng	0.00
76) Chrysene-d12	14.080	240	398955	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	372982	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	231076	20.294	ng	-0.01
7) Phenol-d6	6.528	99	303095	20.582	ng	-0.01
23) Nitrobenzene-d5	7.469	82	184316	13.747	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	80528	21.941	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	376860	14.286	ng	-0.01
79) Terphenyl-d14	13.016	244	332384	13.273	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.469	70	23978	2.707	ng	# 53
25) Isophorone	7.469	82	184314	7.126	ng	# 59
51) 2,6-Dinitrotoluene	9.945	165	50157	9.079	ng	# 28
57) 2,4-Dinitrotoluene	9.945	165	50157	7.501	ng	# 20
71) Phenanthrene	11.457	178	168520	4.987	ng	98
75) Fluoranthene	12.651	202	173938	5.188	ng	98
78) Pyrene	12.880	202	175466	5.127	ng	96
81) Benzo(a)anthracene	14.068	228	77254	2.688	ng	98
83) Chrysene	14.104	228	65647	2.309	ng	95
88) Benzo(b)fluoranthene	15.139	252	103337	3.792	ng	97
89) Benzo(k)fluoranthene	15.139	252	103337	4.064	ng	98
90) Benzo(a)pyrene	15.510	252	55145	2.291	ng	97

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

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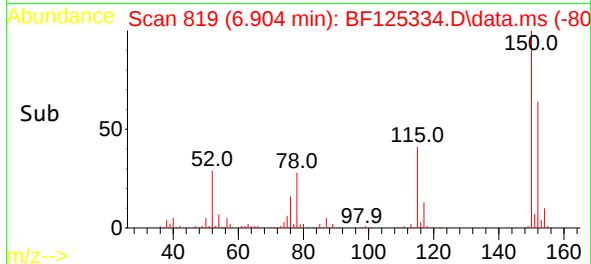
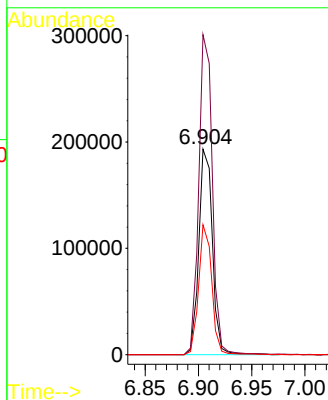
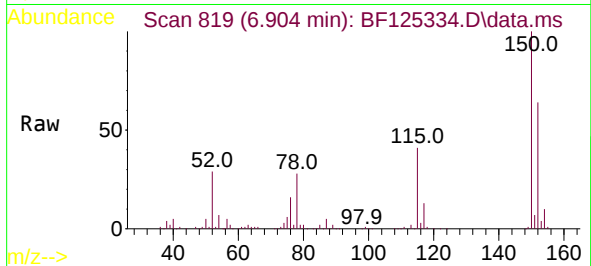




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF125334.D
Acq: 2 Sep 2021 22:20

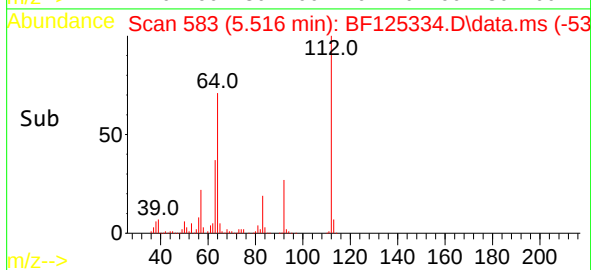
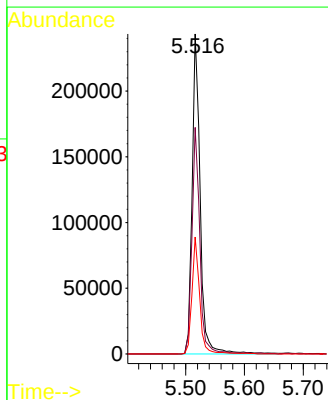
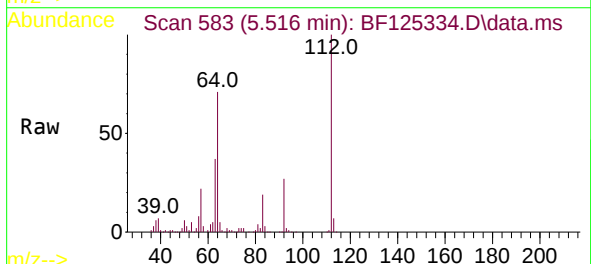
Instrument :
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NB-8-083121

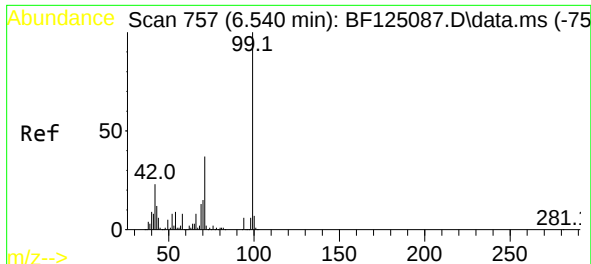
Tgt Ion:152 Resp: 172343
Ion Ratio Lower Upper
152 100
150 155.7 117.6 176.4
115 63.3 47.1 70.7



#5
2-Fluorophenol
Concen: 20.294 ng
RT: 5.516 min Scan# 583
Delta R.T. -0.012 min
Lab File: BF125334.D
Acq: 2 Sep 2021 22:20

Tgt Ion:112 Resp: 231076
Ion Ratio Lower Upper
112 100
64 70.8 44.2 66.2#
63 36.6 26.2 39.2

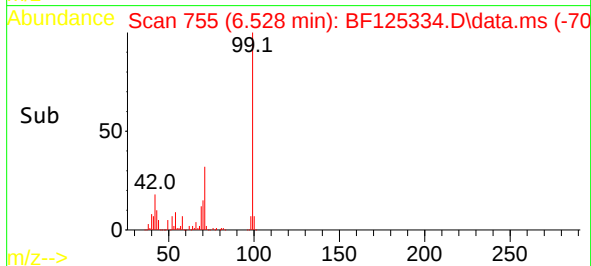
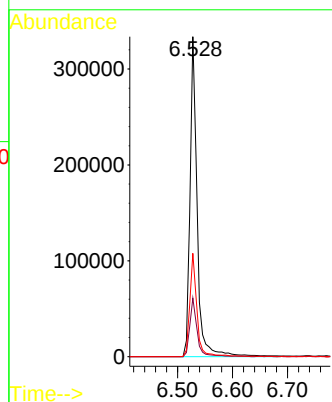
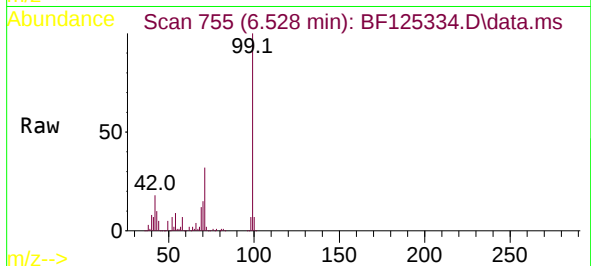




#7
Phenol-d6
Concen: 20.582 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF125334.D
Acq: 2 Sep 2021 22:20

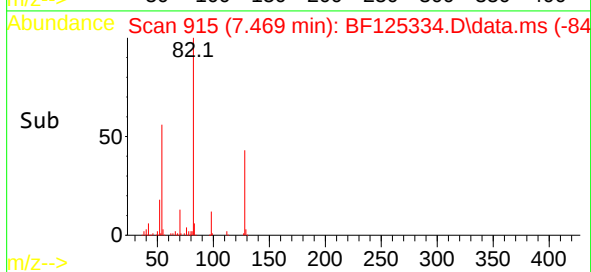
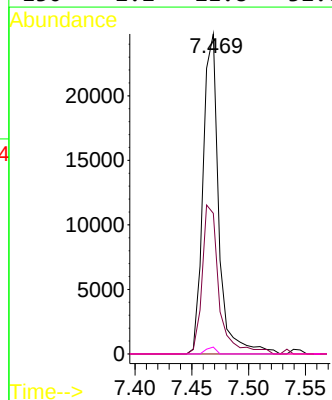
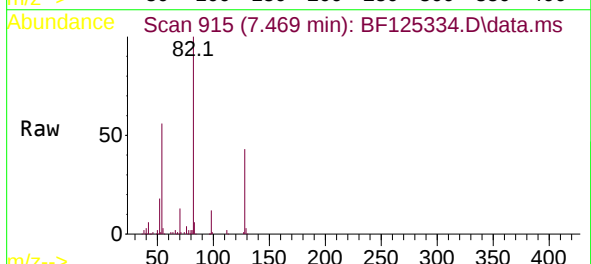
Instrument :
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ClientSampleId :
NB-8-083121

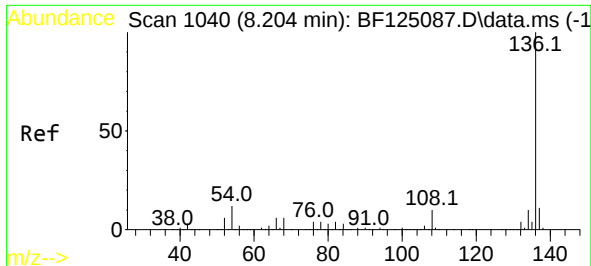
Tgt Ion: 99 Resp: 303095
Ion Ratio Lower Upper
99 100
42 18.3 23.5 35.3#
71 32.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 2.707 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.141 min
Lab File: BF125334.D
Acq: 2 Sep 2021 22:20

Tgt Ion: 70 Resp: 23978
Ion Ratio Lower Upper
70 100
42 43.9 72.2 108.2#
101 0.0 7.8 11.8#
130 2.2 21.8 32.6#



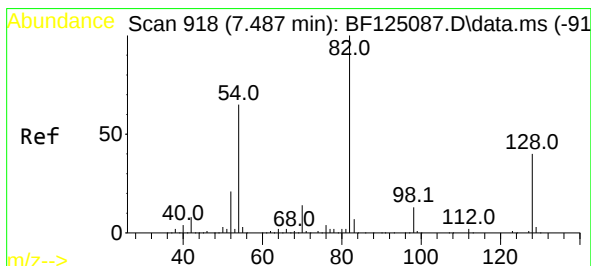
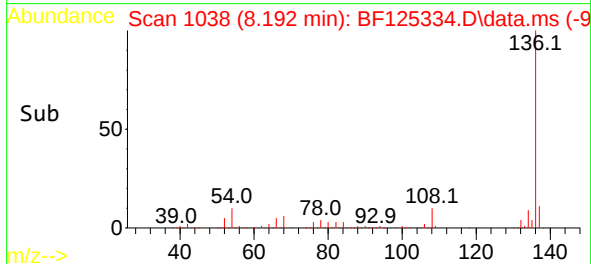
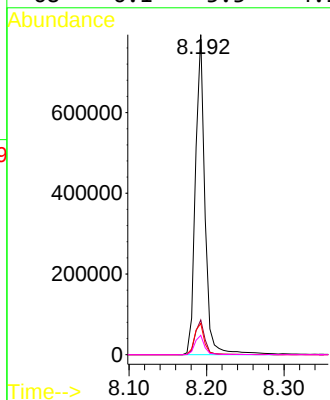
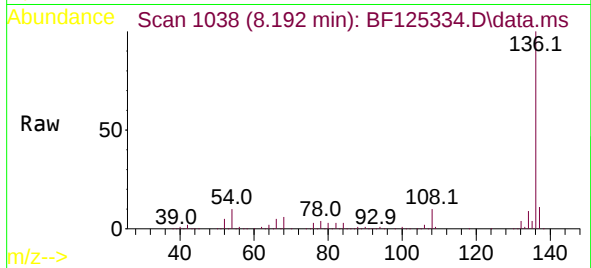


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF125334.D
Acq: 2 Sep 2021 22:20

Instrument :
BNA_F
ClientSampleId :
NB-8-083121

Tgt Ion:136 Resp: 674984

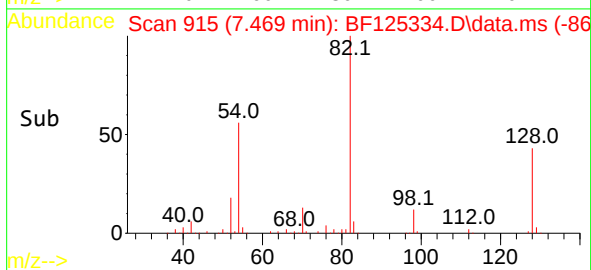
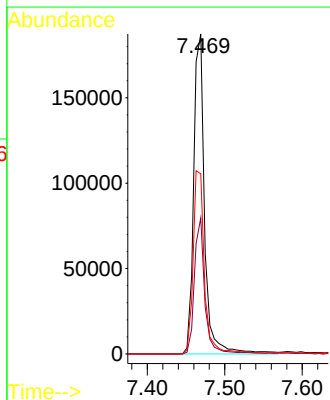
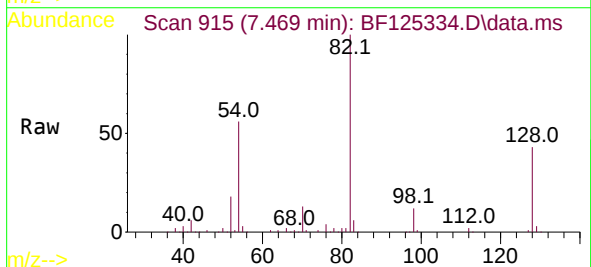
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.6
54	9.8	6.4	9.6#
68	6.1	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 13.747 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.012 min
Lab File: BF125334.D
Acq: 2 Sep 2021 22:20

Tgt Ion: 82 Resp: 184316

Ion	Ratio	Lower	Upper
82	100		
128	42.5	40.6	60.8
54	56.3	49.6	74.4

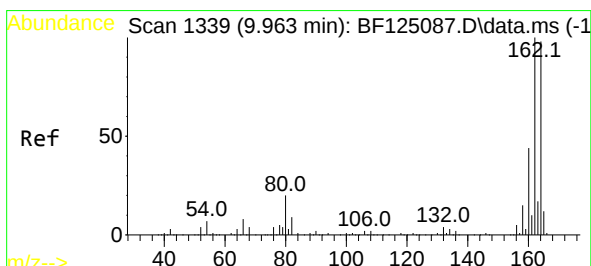
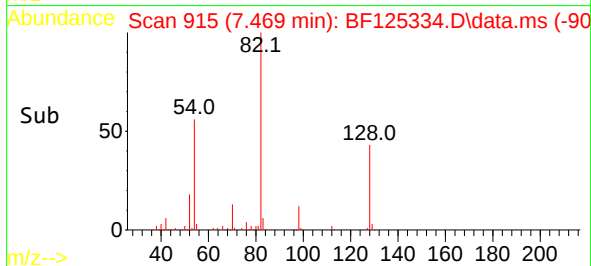
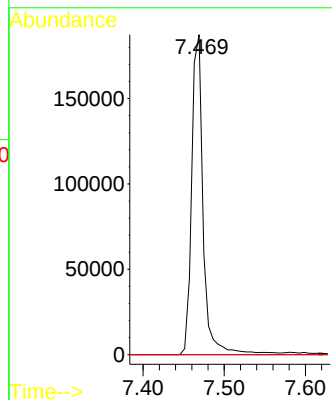
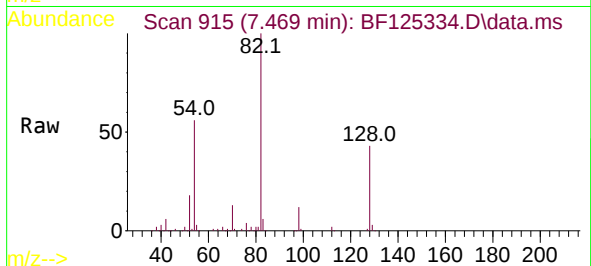




#25
Isophorone
Concen: 7.126 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.265 min
Lab File: BF125334.D
Acq: 2 Sep 2021 22:20

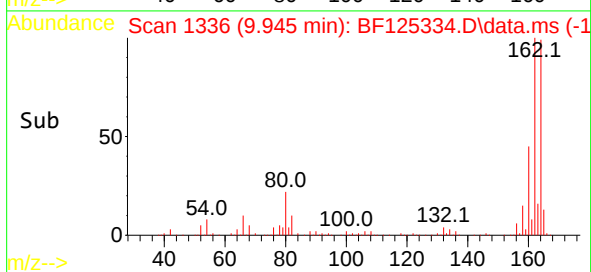
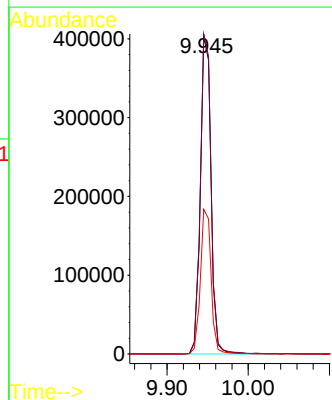
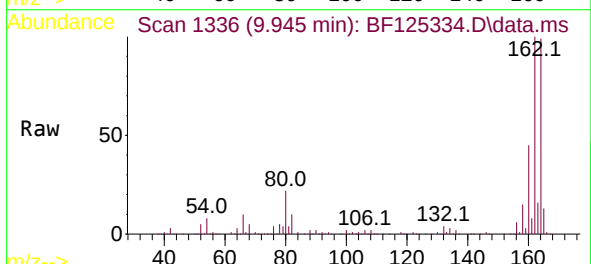
Instrument :
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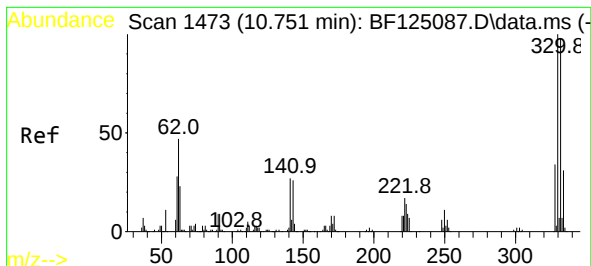
Tgt Ion: 82 Resp: 184314
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF125334.D
Acq: 2 Sep 2021 22:20

Tgt Ion: 164 Resp: 367671
Ion Ratio Lower Upper
164 100
162 100.9 81.3 121.9
160 45.6 38.0 57.0

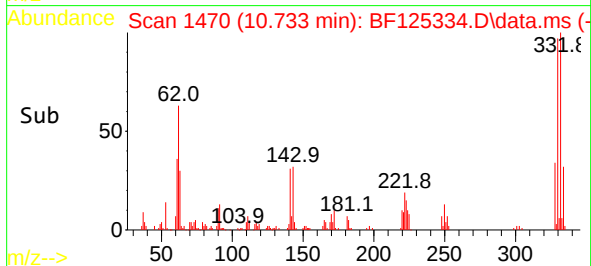
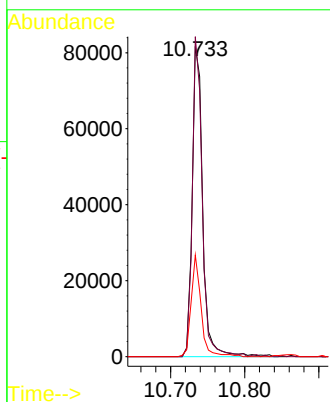
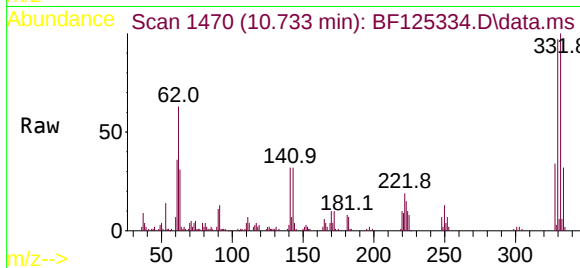




#42
2,4,6-Tribromophenol
Concen: 21.941 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.006 min
Lab File: BF125334.D
Acq: 2 Sep 2021 22:20

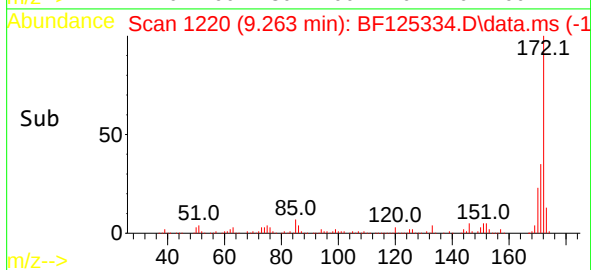
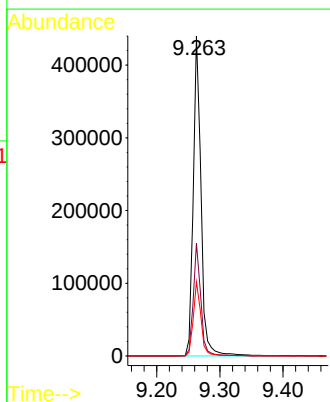
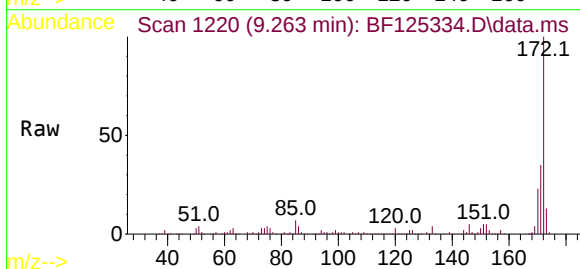
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NB-8-083121

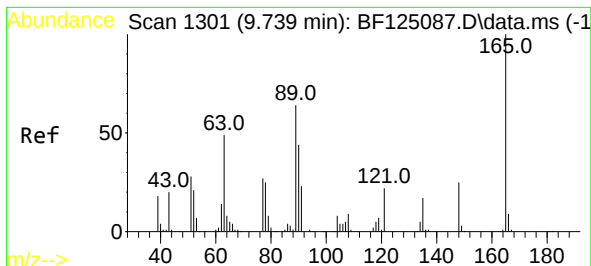
Tgt Ion:330 Resp: 80528
Ion Ratio Lower Upper
330 100
332 96.9 76.2 114.4
141 31.2 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 14.286 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.012 min
Lab File: BF125334.D
Acq: 2 Sep 2021 22:20

Tgt Ion:172 Resp: 376860
Ion Ratio Lower Upper
172 100
171 35.3 26.5 39.7
170 23.2 18.8 28.2

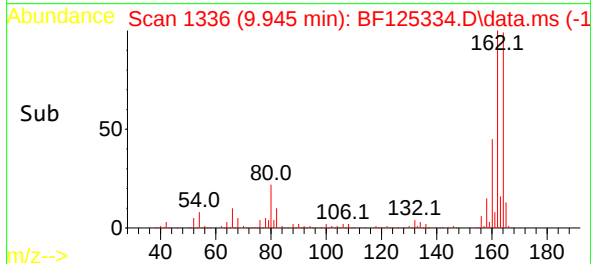
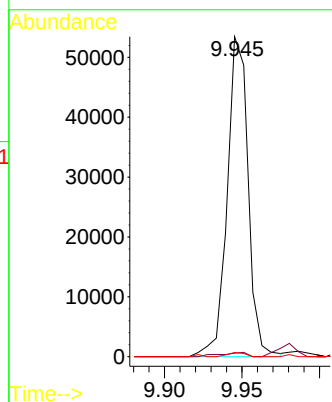
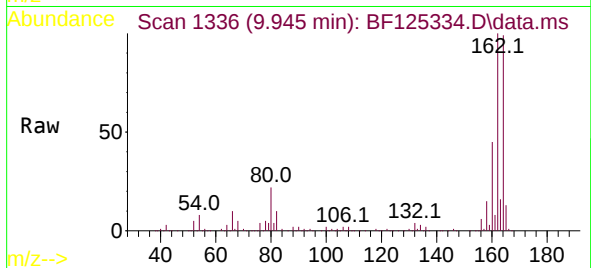




#51
2,6-Dinitrotoluene
Concen: 9.079 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.212 min
Lab File: BF125334.D
Acq: 2 Sep 2021 22:20

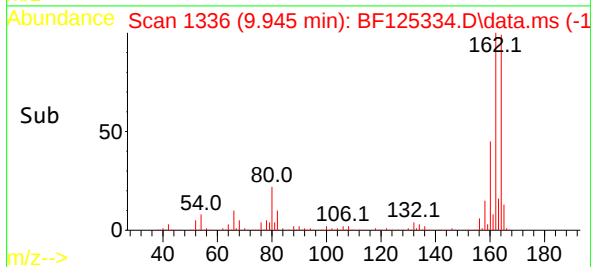
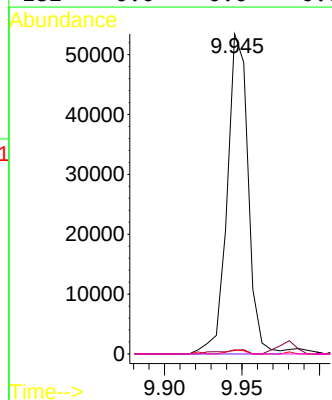
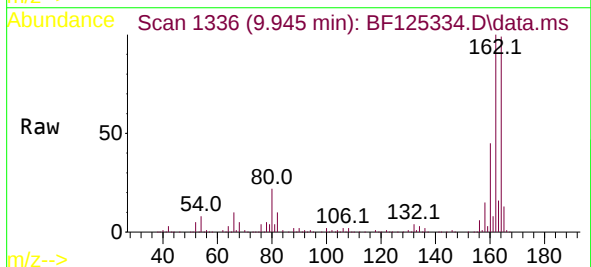
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BNA_F
ClientSampleId :
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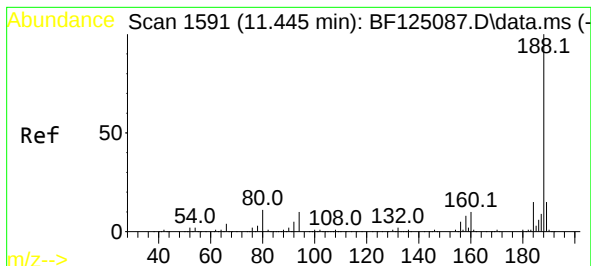
Tgt Ion:165 Resp: 50157
Ion Ratio Lower Upper
165 100
63 1.1 42.6 63.8#
89 1.3 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.501 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.188 min
Lab File: BF125334.D
Acq: 2 Sep 2021 22:20

Tgt Ion:165 Resp: 50157
Ion Ratio Lower Upper
165 100
63 1.1 40.9 61.3#
89 1.3 59.7 89.5#
182 0.0 0.0 0.0

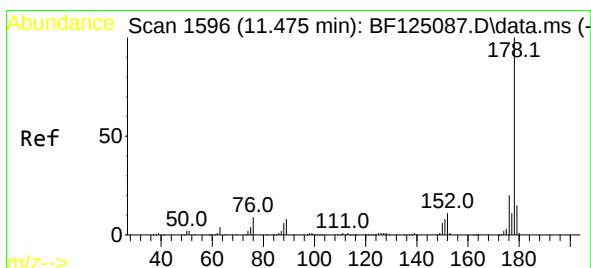
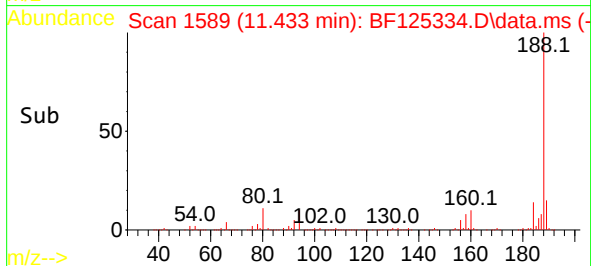
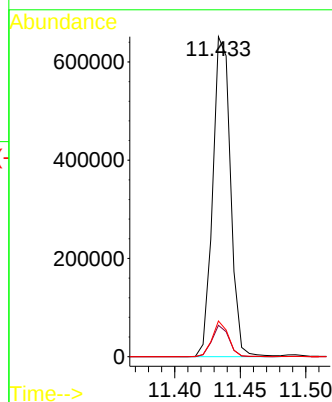
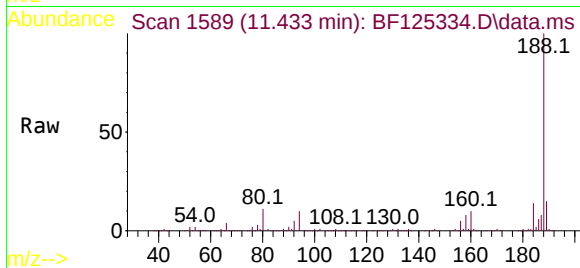




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF125334.D
Acq: 2 Sep 2021 22:20

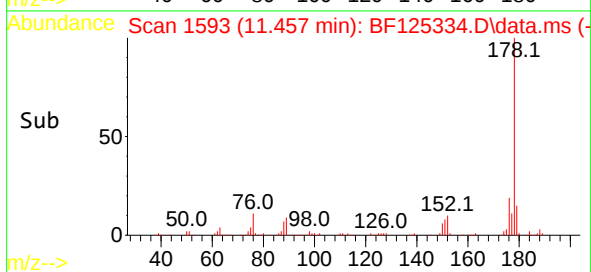
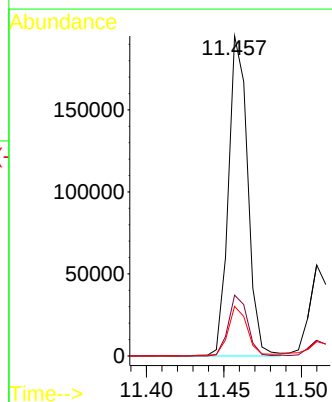
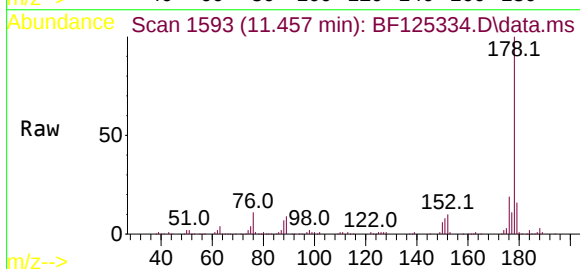
Instrument :
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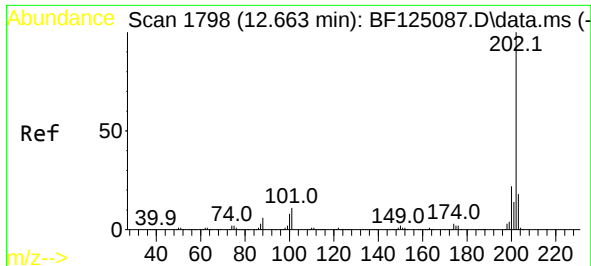
Tgt Ion:188 Resp: 613274
Ion Ratio Lower Upper
188 100
94 9.8 6.7 10.1
80 11.1 7.5 11.3



#71
Phenanthrene
Concen: 4.987 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.006 min
Lab File: BF125334.D
Acq: 2 Sep 2021 22:20

Tgt Ion:178 Resp: 168520
Ion Ratio Lower Upper
178 100
176 19.0 14.7 22.1
179 15.5 11.5 17.3

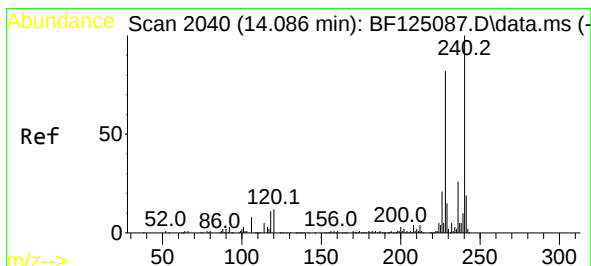
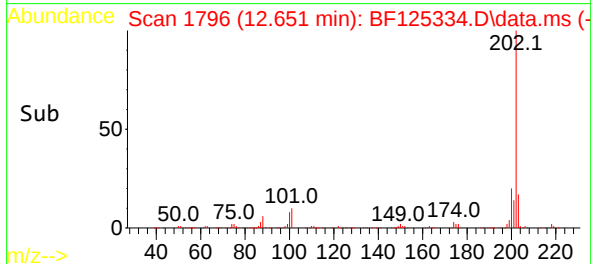
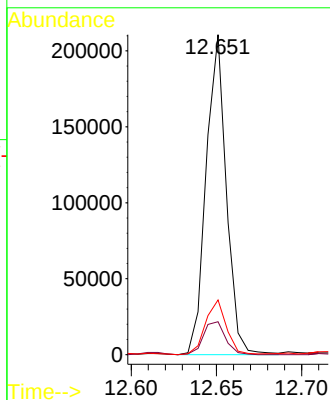
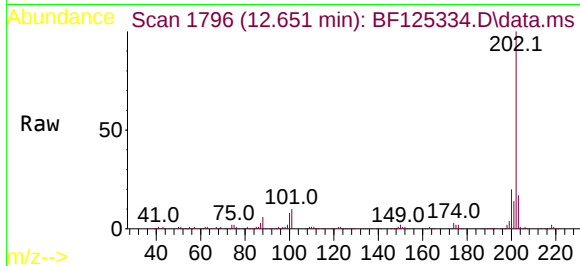




#75
Fluoranthene
Concen: 5.188 ng
RT: 12.651 min Scan# 1796
Delta R.T. 0.000 min
Lab File: BF125334.D
Acq: 2 Sep 2021 22:20

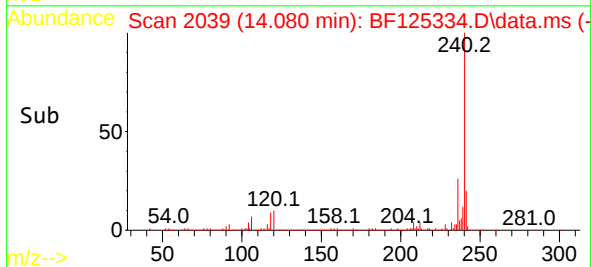
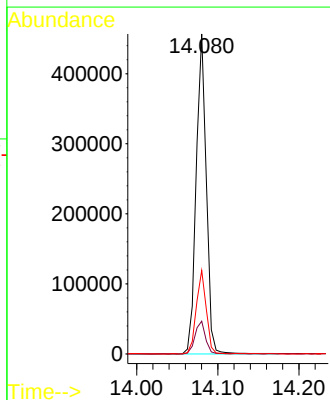
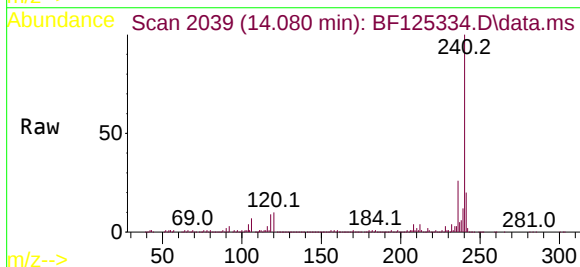
Instrument :
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ClientSampleId :
NB-8-083121

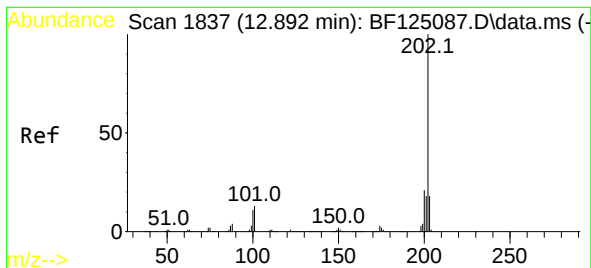
Tgt Ion:202 Resp: 173938
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.7
203 17.1 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF125334.D
Acq: 2 Sep 2021 22:20

Tgt Ion:240 Resp: 398955
Ion Ratio Lower Upper
240 100
120 10.3 10.8 16.2#
236 26.1 21.6 32.4





#78

Pyrene

Concen: 5.127 ng

RT: 12.880 min Scan# 1835

Delta R.T. -0.006 min

Lab File: BF125334.D

Acq: 2 Sep 2021 22:20

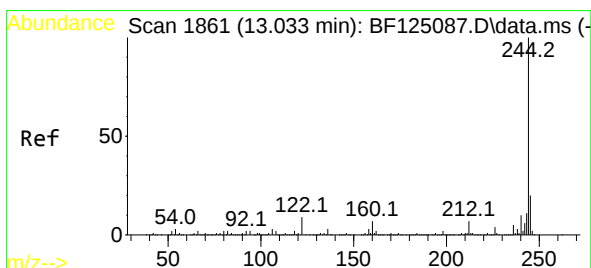
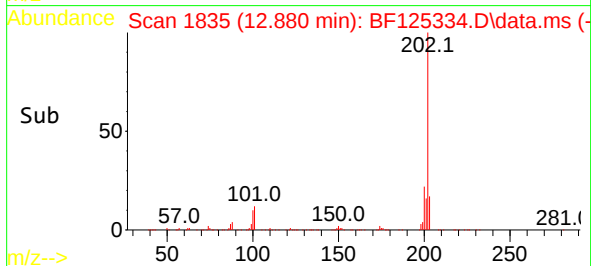
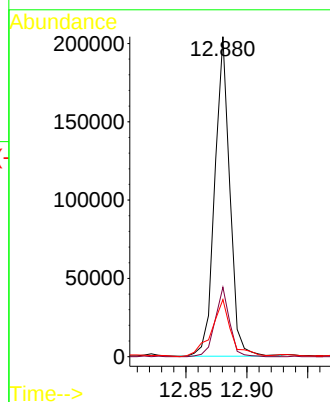
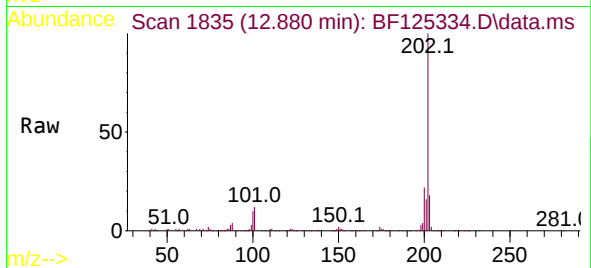
Tgt Ion:202 Resp: 175466

Ion Ratio Lower Upper

202 100

200 21.7 15.3 22.9

203 17.9 13.4 20.0



#79

Terphenyl-d14

Concen: 13.273 ng

RT: 13.016 min Scan# 1858

Delta R.T. -0.006 min

Lab File: BF125334.D

Acq: 2 Sep 2021 22:20

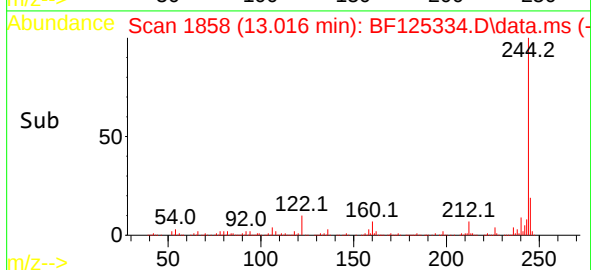
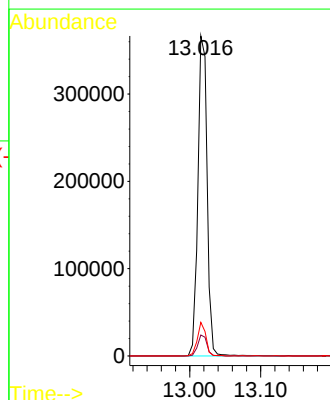
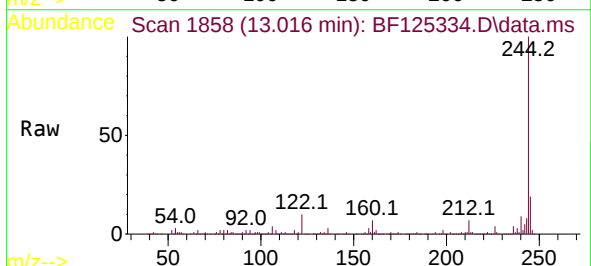
Tgt Ion:244 Resp: 332384

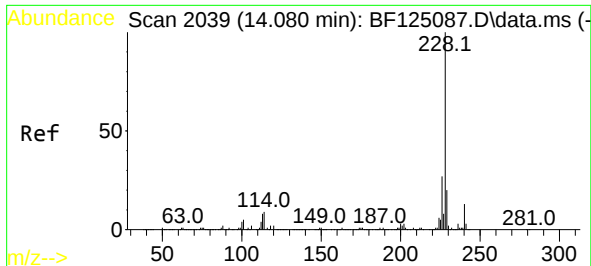
Ion Ratio Lower Upper

244 100

212 6.6 5.9 8.9

122 10.5 9.0 13.4

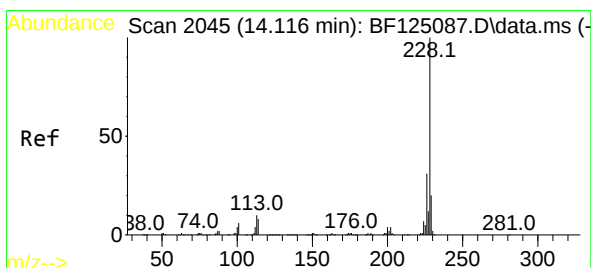
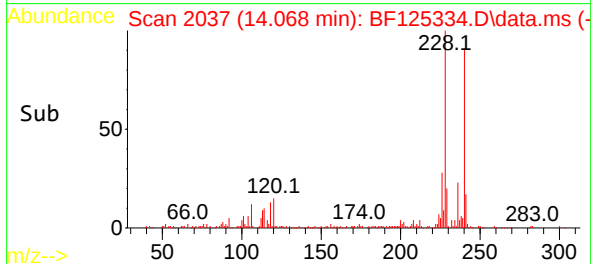
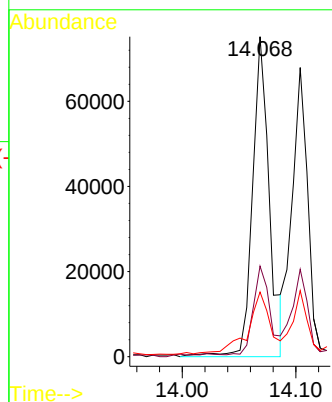
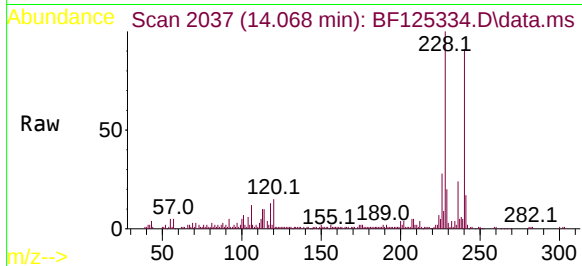




#81
Benzo(a)anthracene
Concen: 2.688 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF125334.D
Acq: 2 Sep 2021 22:20

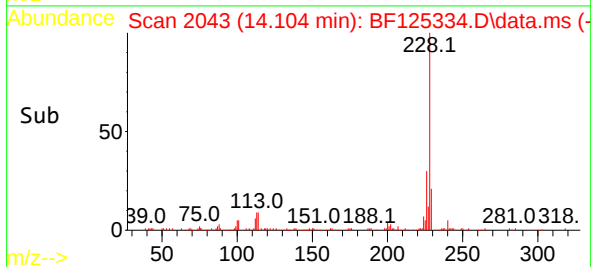
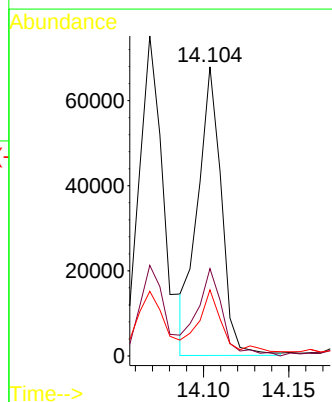
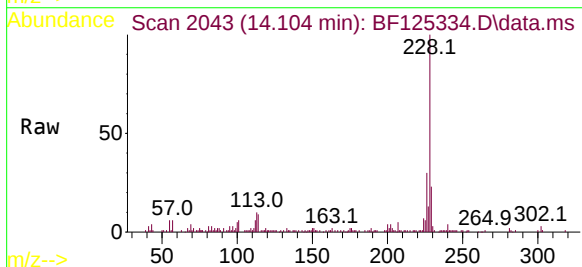
Instrument :
BNA_F
ClientSampleID :
NB-8-083121

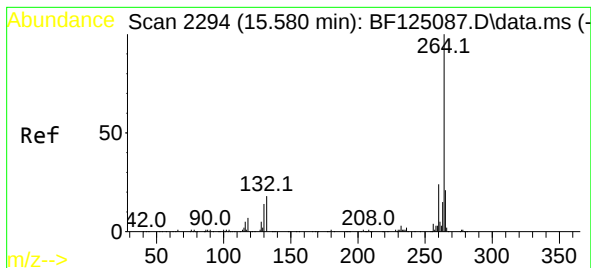
Tgt Ion:228 Resp: 77254
Ion Ratio Lower Upper
228 100
226 28.3 21.6 32.4
229 20.2 15.6 23.4



#83
Chrysene
Concen: 2.309 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BF125334.D
Acq: 2 Sep 2021 22:20

Tgt Ion:228 Resp: 65647
Ion Ratio Lower Upper
228 100
226 30.2 22.6 34.0
229 22.9 15.9 23.9

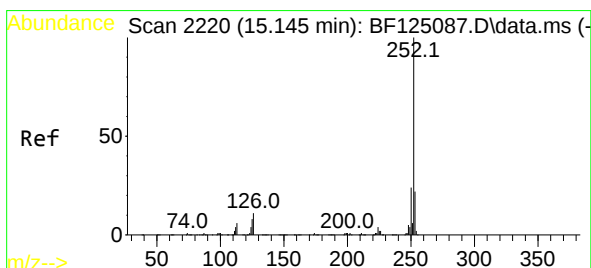
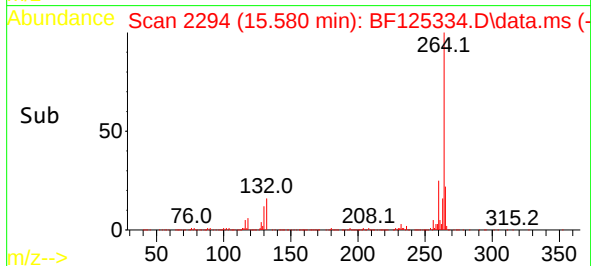
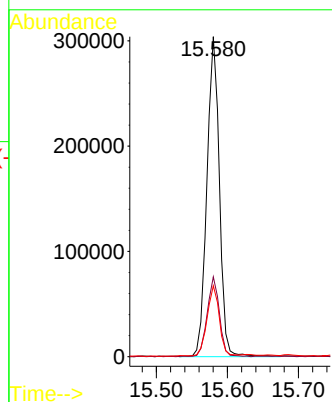
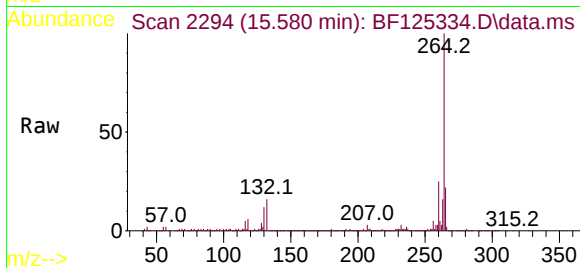




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2294
Delta R.T. 0.006 min
Lab File: BF125334.D
Acq: 2 Sep 2021 22:20

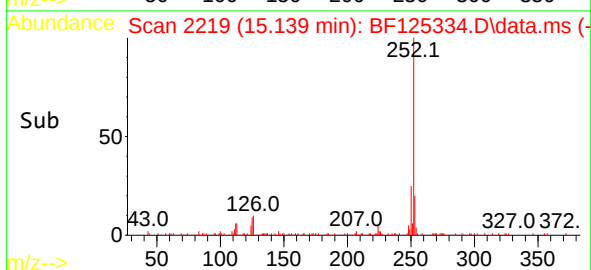
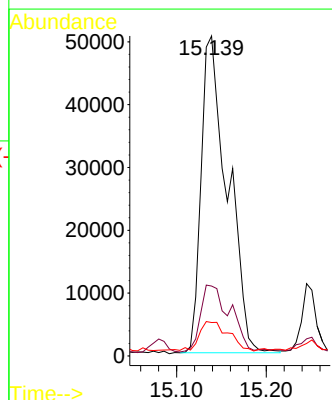
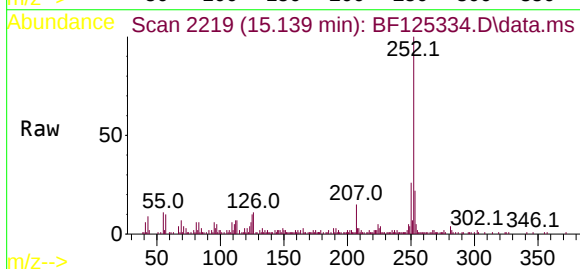
Instrument :
BNA_F
ClientSampleId :
NB-8-083121

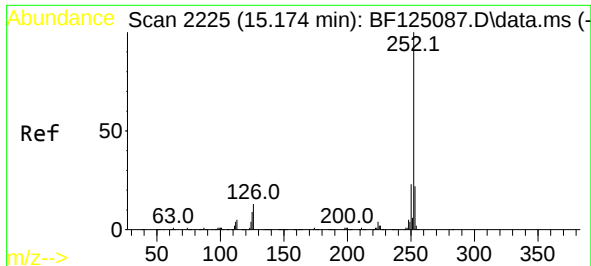
Tgt Ion:264 Resp: 372982
Ion Ratio Lower Upper
264 100
260 25.0 19.6 29.4
265 22.1 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 3.792 ng
RT: 15.139 min Scan# 2219
Delta R.T. 0.006 min
Lab File: BF125334.D
Acq: 2 Sep 2021 22:20

Tgt Ion:252 Resp: 103337
Ion Ratio Lower Upper
252 100
253 21.9 16.8 25.2
125 10.5 9.8 14.8





#89

Benzo(k)fluoranthene

Concen: 4.064 ng

RT: 15.139 min Scan# 2219

Delta R.T. -0.029 min

Lab File: BF125334.D

Acq: 2 Sep 2021 22:20

Instrument :

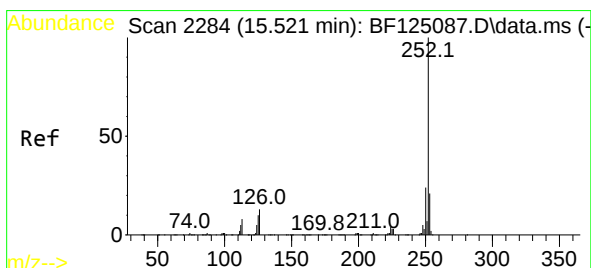
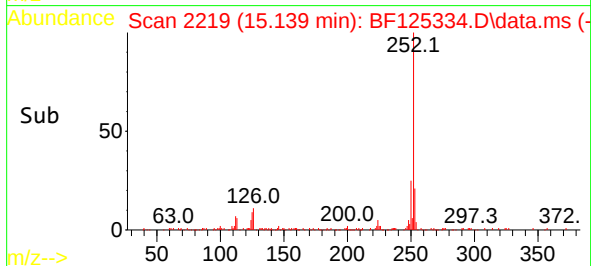
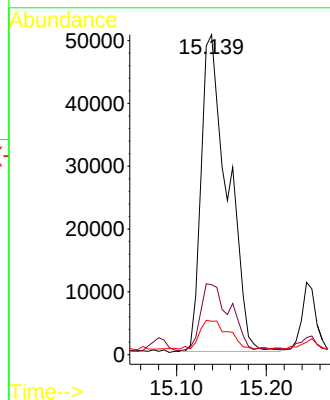
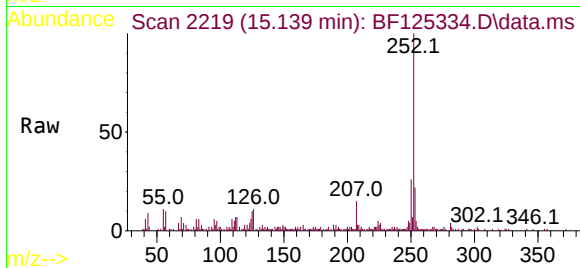
BNA_F

ClientSampleId :

NB-8-083121

Tgt Ion:252 Resp: 103337

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	10.5	7.2	10.8



#90

Benzo(a)pyrene

Concen: 2.291 ng

RT: 15.510 min Scan# 2282

Delta R.T. -0.006 min

Lab File: BF125334.D

Acq: 2 Sep 2021 22:20

Tgt Ion:252 Resp: 55145

Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.4	27.6
125	12.6	9.9	14.9

