

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
 Data File : BF125462.D
 Acq On : 14 Sep 2021 1:06
 Operator : JU/CG
 Sample : M3715-01 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-2-091021

Quant Time: Sep 14 03:32:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 13 12:03:46 2021
 Response via : Initial Calibration

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

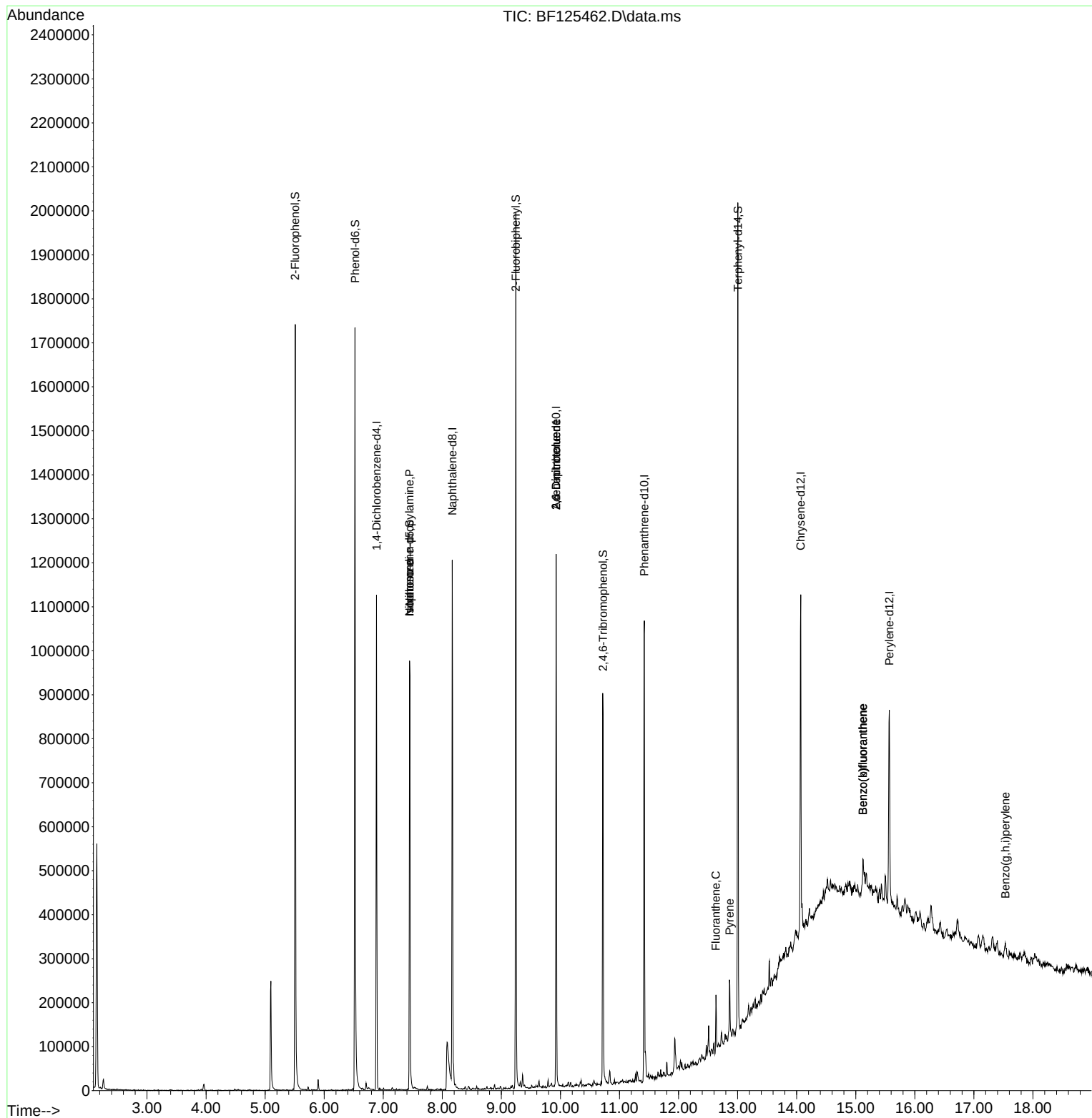
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	145731	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	498355	20.000	ng	# 0.00
39) Acenaphthene-d10	9.928	164	232765	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	413068	20.000	ng	0.00
76) Chrysene-d12	14.068	240	276112	20.000	ng	# 0.00
86) Perylene-d12	15.568	264	209353	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	445120	46.231	ng	0.00
7) Phenol-d6	6.522	99	547343	43.955	ng	-0.01
23) Nitrobenzene-d5	7.445	82	321998	32.528	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	120050	51.668	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	568163	34.020	ng	0.00
79) Terphenyl-d14	13.004	244	598045	34.506	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	42934	5.732	ng	# 57
25) Isophorone	7.445	82	321994	16.862	ng	# 59
51) 2,6-Dinitrotoluene	9.928	165	30275	8.656	ng	# 28
57) 2,4-Dinitrotoluene	9.928	165	30275	7.152	ng	# 19
75) Fluoranthene	12.633	202	45986	2.036	ng	98
78) Pyrene	12.863	202	51600	2.179	ng	99
88) Benzo(b)fluoranthene	15.121	252	44201	2.890	ng	# 83
89) Benzo(k)fluoranthene	15.121	252	44201	3.097	ng	# 83
92) Benzo(g,h,i)perylene	17.533	276	25814	2.054	ng	95

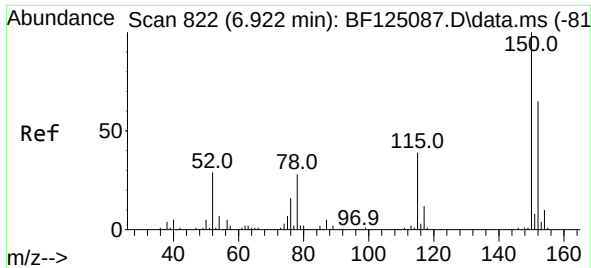
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125462.D
Acq On : 14 Sep 2021 1:06
Operator : JU/CG
Sample : M3715-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-2-091021

Quant Time: Sep 14 03:32:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 13 12:03:46 2021
Response via : Initial Calibration

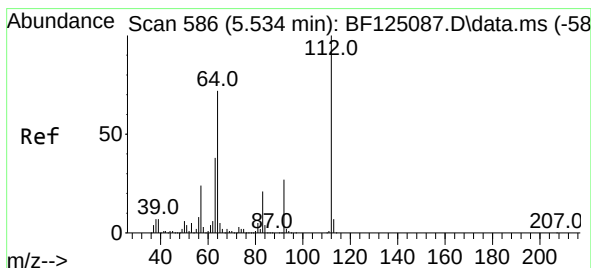
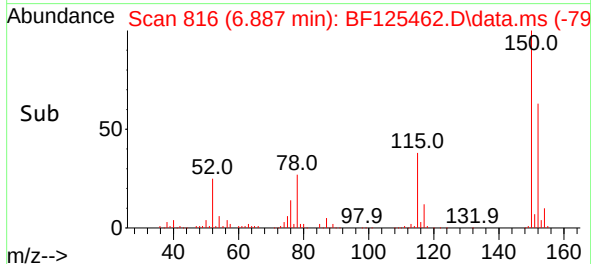
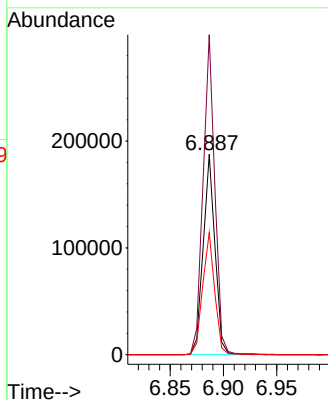
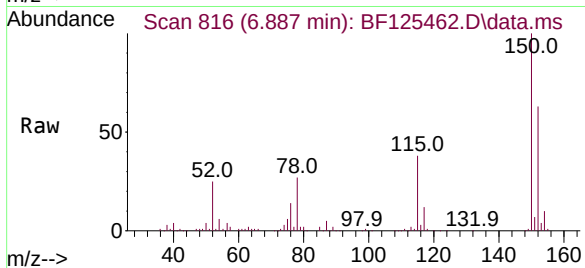




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF125462.D
Acq: 14 Sep 2021 1:06

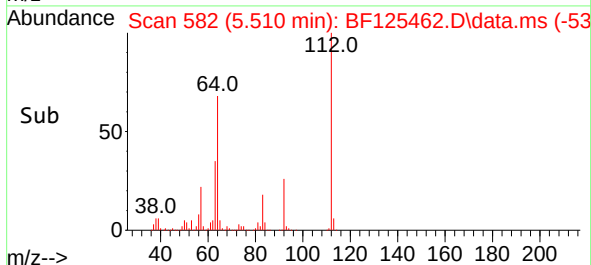
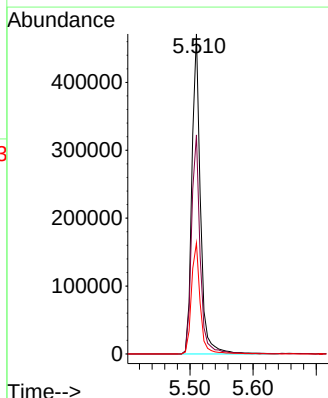
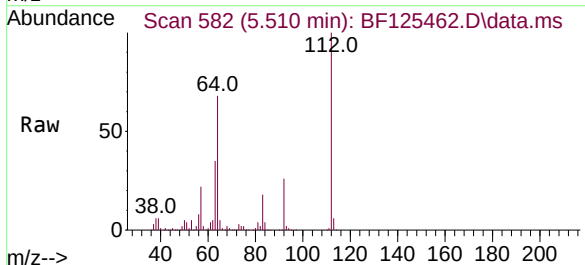
Instrument :
BNA_F
ClientSampleId :
CL-2-091021

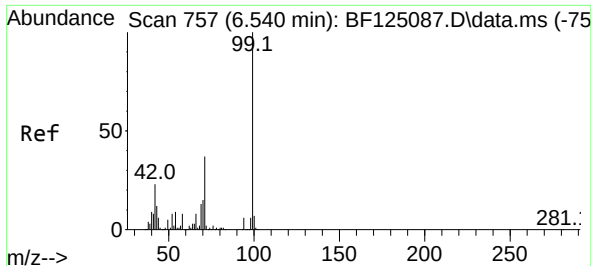
Tgt Ion:152 Resp: 145731
Ion Ratio Lower Upper
152 100
150 159.8 117.6 176.4
115 60.9 47.1 70.7



#5
2-Fluorophenol
Concen: 46.231 ng
RT: 5.510 min Scan# 582
Delta R.T. -0.006 min
Lab File: BF125462.D
Acq: 14 Sep 2021 1:06

Tgt Ion:112 Resp: 445120
Ion Ratio Lower Upper
112 100
64 68.4 44.2 66.2#
63 34.6 26.2 39.2

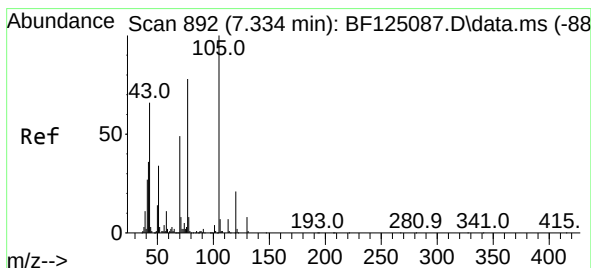
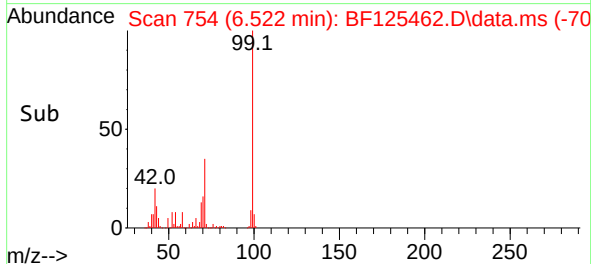
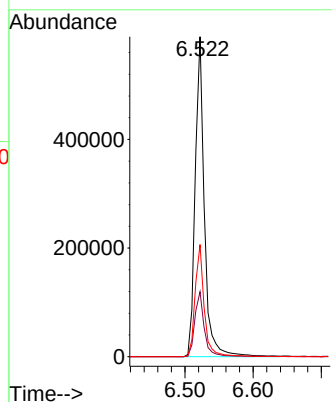
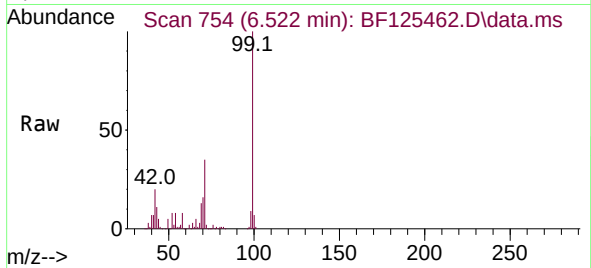




#7
Phenol-d6
Concen: 43.955 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF125462.D
Acq: 14 Sep 2021 1:06

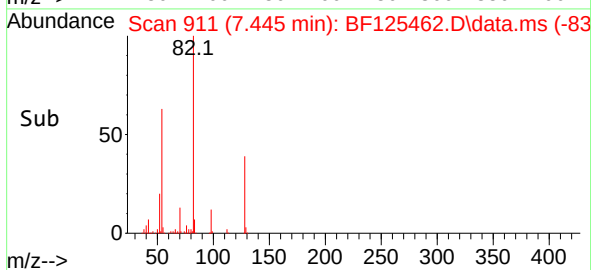
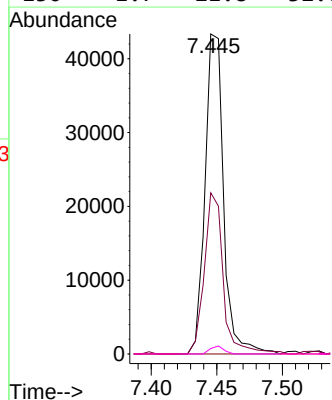
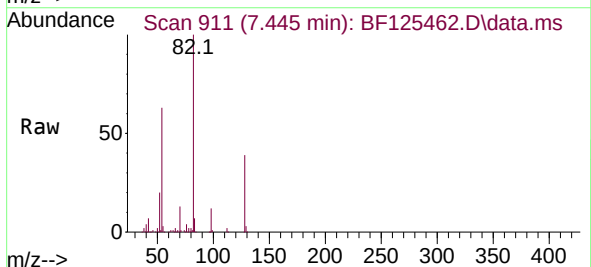
Instrument :
BNA_F
ClientSampleId :
CL-2-091021

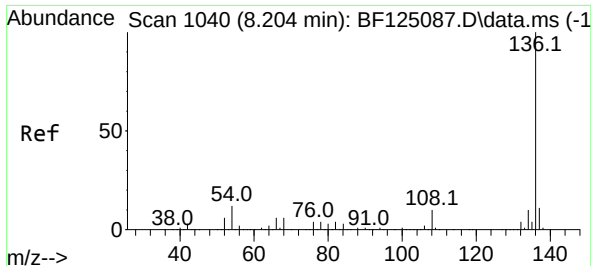
Tgt Ion: 99 Resp: 547343
Ion Ratio Lower Upper
99 100
42 20.3 23.5 35.3#
71 35.0 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 5.732 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.135 min
Lab File: BF125462.D
Acq: 14 Sep 2021 1:06

Tgt Ion: 70 Resp: 42934
Ion Ratio Lower Upper
70 100
42 50.4 72.2 108.2#
101 0.0 7.8 11.8#
130 1.7 21.8 32.6#

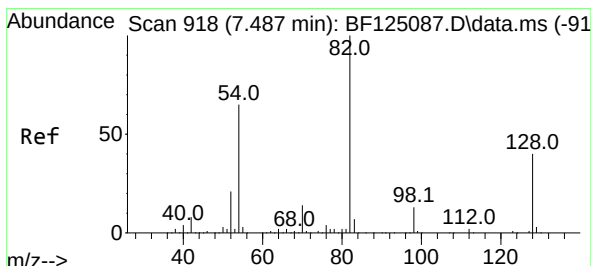
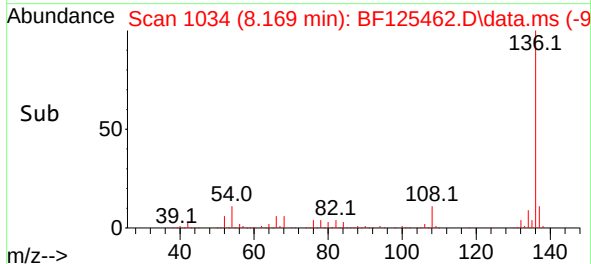
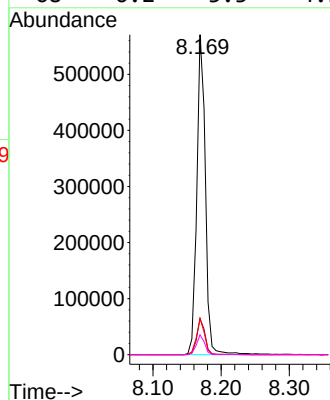
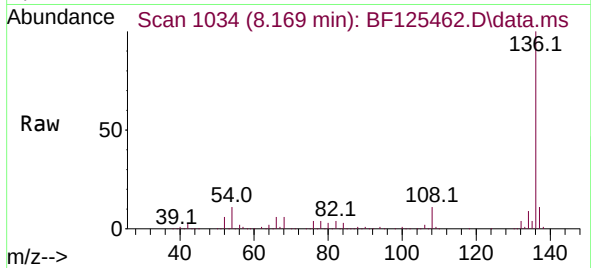




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125462.D
Acq: 14 Sep 2021 1:06

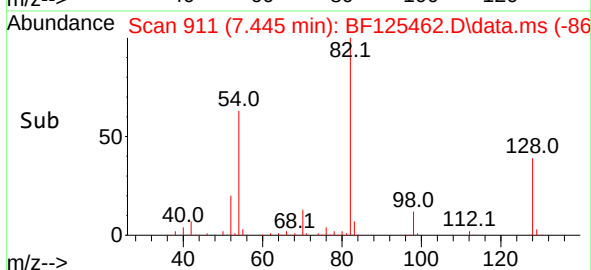
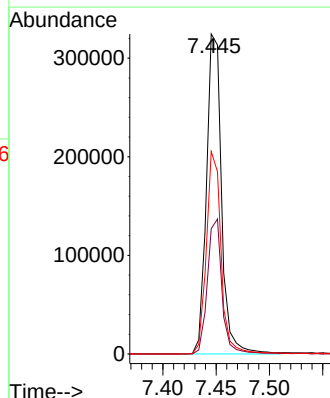
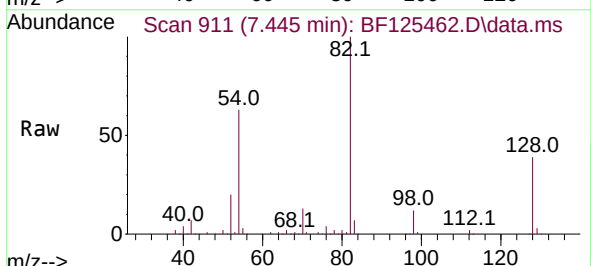
Instrument :
BNA_F
ClientSampleId :
CL-2-091021

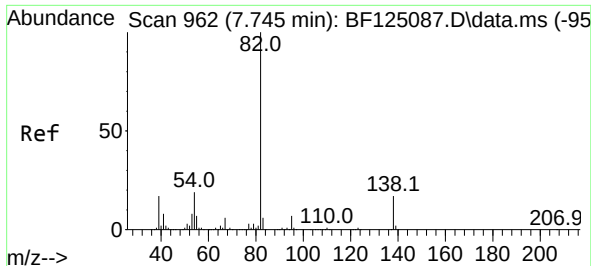
Tgt Ion:136	Resp: 498355
Ion Ratio	Lower Upper
136 100	
137 11.3	9.8 14.6
54 11.3	6.4 9.6#
68 6.2	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 32.528 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF125462.D
Acq: 14 Sep 2021 1:06

Tgt Ion: 82	Resp: 321998
Ion Ratio	Lower Upper
82 100	
128 39.2	40.6 60.8#
54 63.2	49.6 74.4

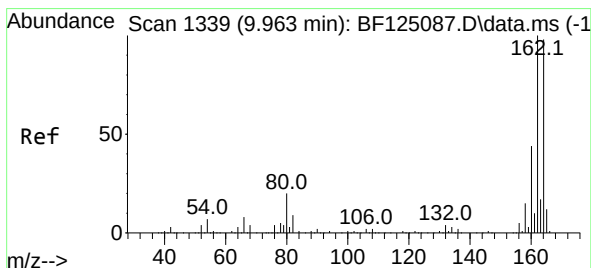
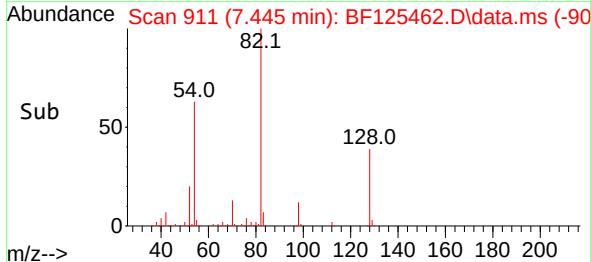
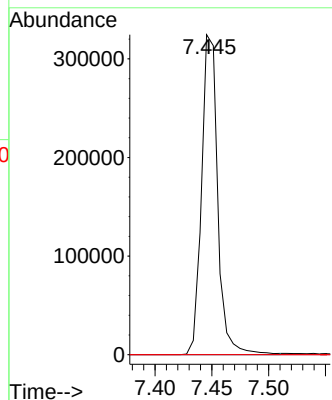
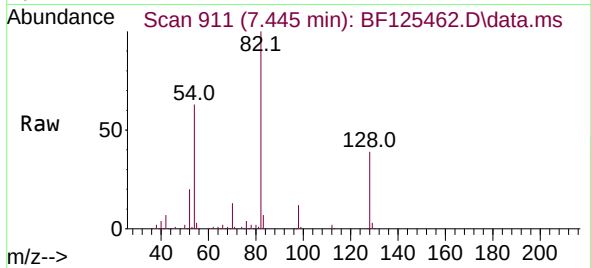




#25
Isophorone
Concen: 16.862 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.270 min
Lab File: BF125462.D
Acq: 14 Sep 2021 1:06

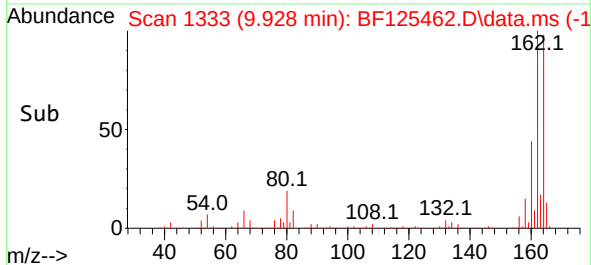
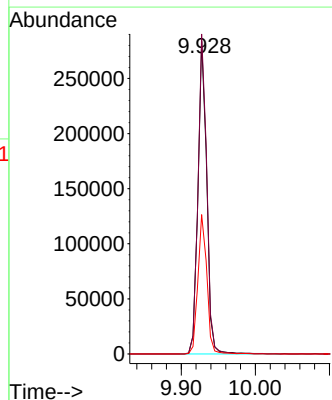
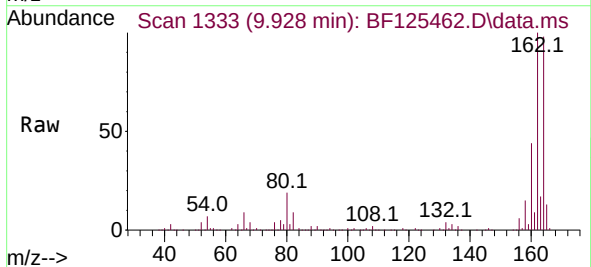
Instrument :
BNA_F
ClientSampleId :
CL-2-091021

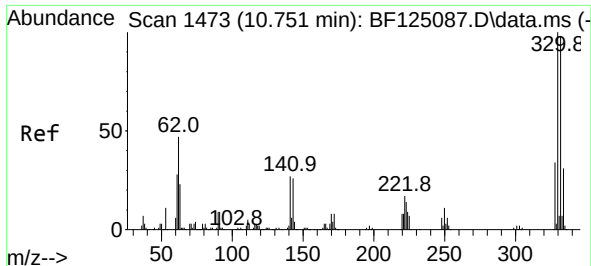
Tgt Ion: 82 Resp: 321994
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF125462.D
Acq: 14 Sep 2021 1:06

Tgt Ion: 164 Resp: 232765
Ion Ratio Lower Upper
164 100
162 102.4 81.3 121.9
160 44.6 38.0 57.0

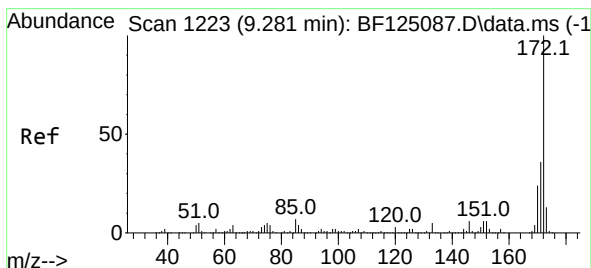
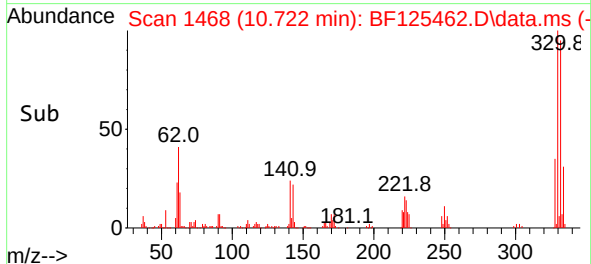
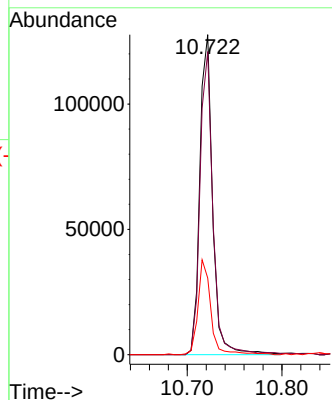
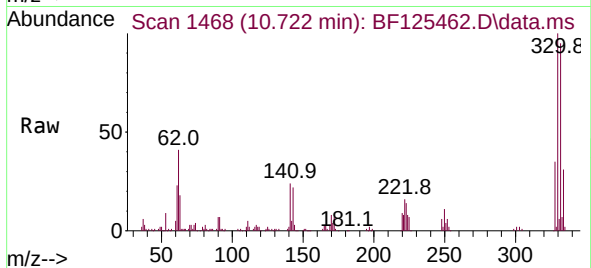




#42
2,4,6-Tribromophenol
Concen: 51.668 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF125462.D
Acq: 14 Sep 2021 1:06

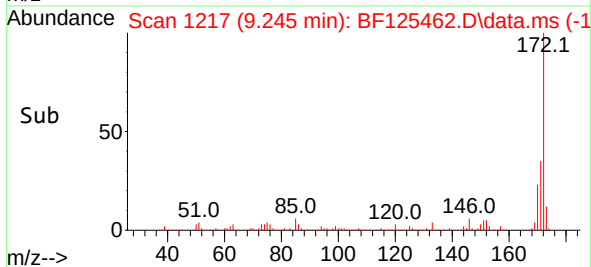
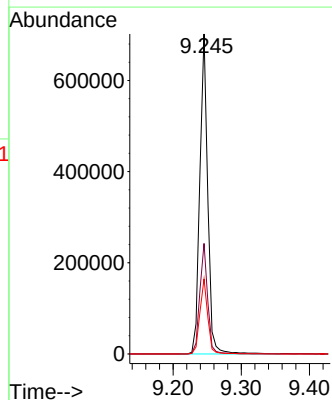
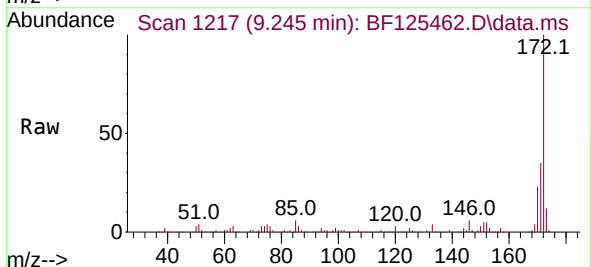
Instrument :
BNA_F
ClientSampleId :
CL-2-091021

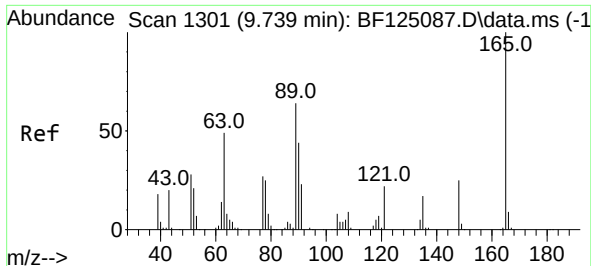
Tgt Ion:330 Resp: 120050
Ion Ratio Lower Upper
330 100
332 96.1 76.2 114.4
141 29.8 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 34.020 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125462.D
Acq: 14 Sep 2021 1:06

Tgt Ion:172 Resp: 568163
Ion Ratio Lower Upper
172 100
171 34.6 26.5 39.7
170 23.4 18.8 28.2

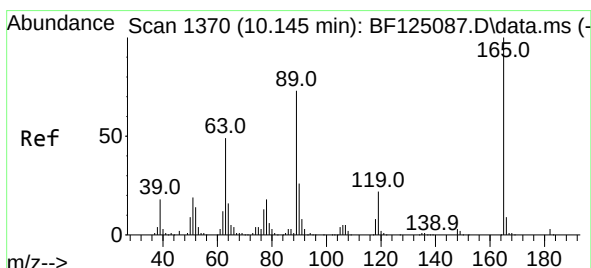
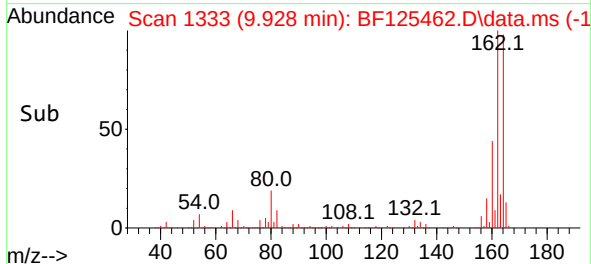
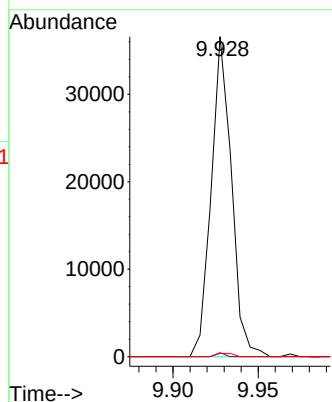
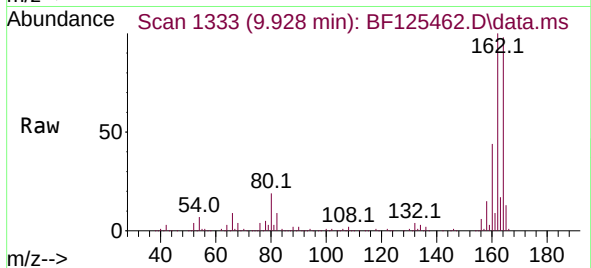




#51
2,6-Dinitrotoluene
Concen: 8.656 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.206 min
Lab File: BF125462.D
Acq: 14 Sep 2021 1:06

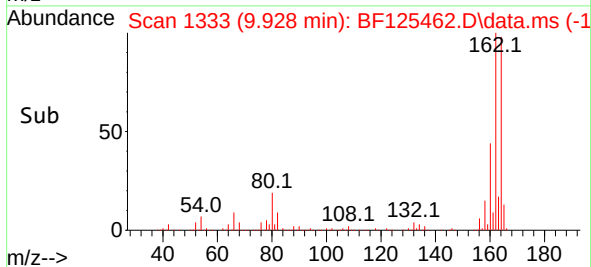
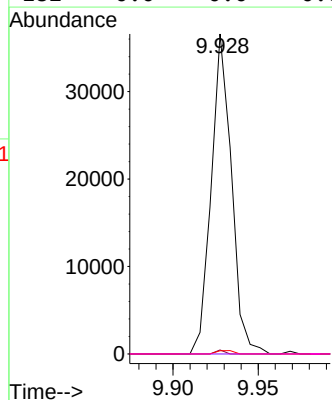
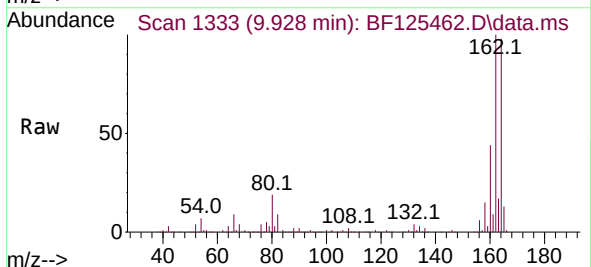
Instrument :
BNA_F
ClientSampleId :
CL-2-091021

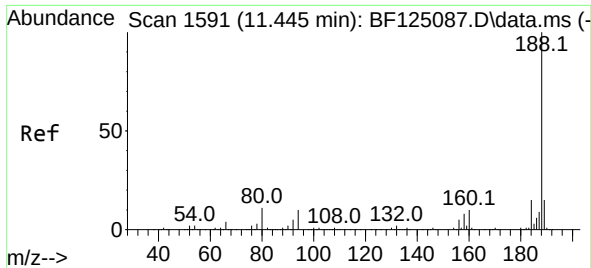
Tgt Ion:165 Resp: 30275
Ion Ratio Lower Upper
165 100
63 1.2 42.6 63.8#
89 1.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.152 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.200 min
Lab File: BF125462.D
Acq: 14 Sep 2021 1:06

Tgt Ion:165 Resp: 30275
Ion Ratio Lower Upper
165 100
63 1.2 40.9 61.3#
89 1.0 59.7 89.5#
182 0.0 0.0 0.0

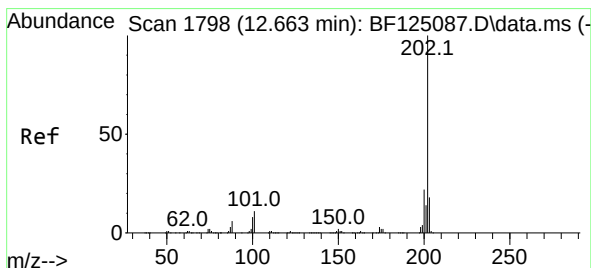
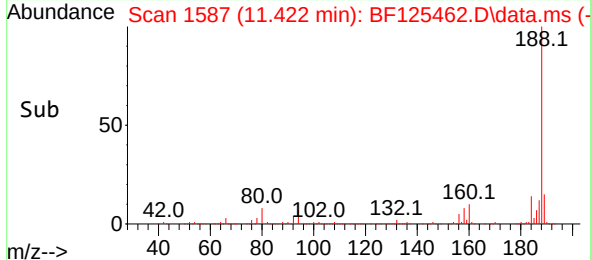
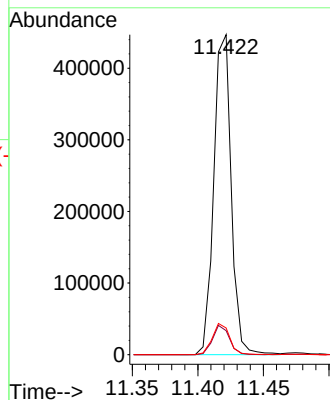
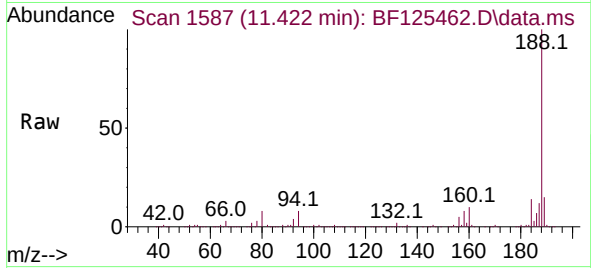




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF125462.D
Acq: 14 Sep 2021 1:06

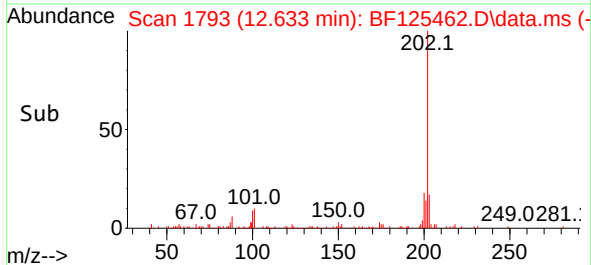
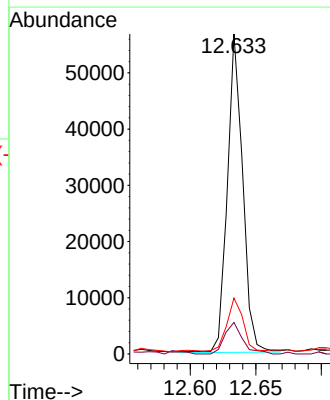
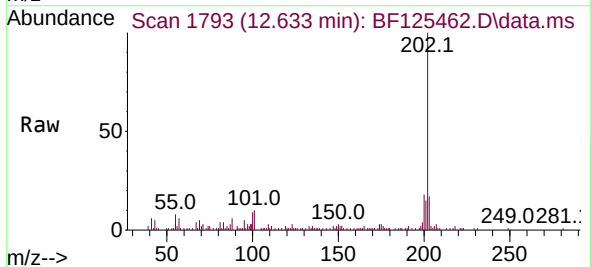
Instrument :
BNA_F
ClientSampleId :
CL-2-091021

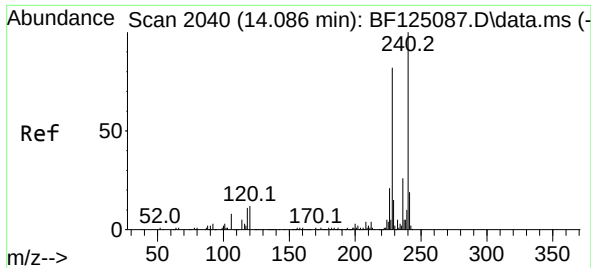
Tgt Ion:188 Resp: 413068
Ion Ratio Lower Upper
188 100
94 7.5 6.7 10.1
80 8.4 7.5 11.3



#75
Fluoranthene
Concen: 2.036 ng
RT: 12.633 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF125462.D
Acq: 14 Sep 2021 1:06

Tgt Ion:202 Resp: 45986
Ion Ratio Lower Upper
202 100
101 9.9 0.0 30.7
203 17.4 0.0 36.3

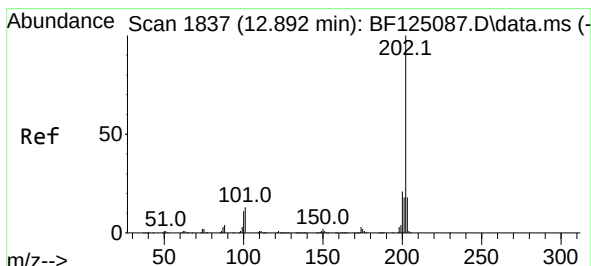
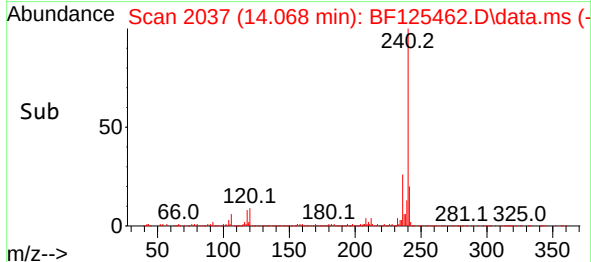
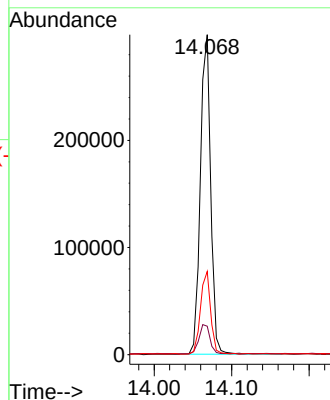
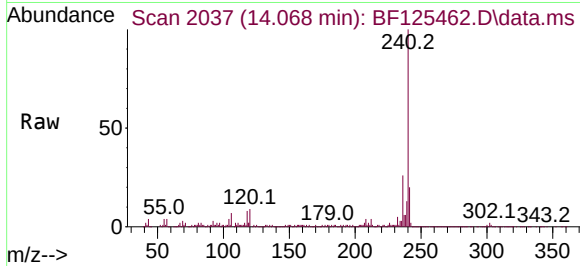




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF125462.D
Acq: 14 Sep 2021 1:06

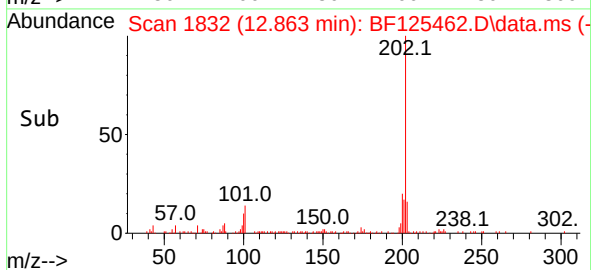
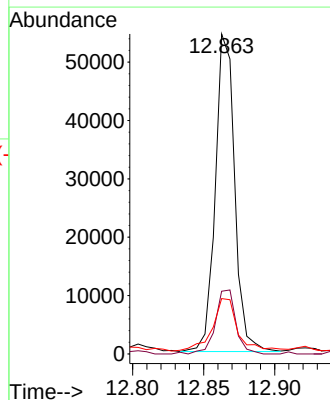
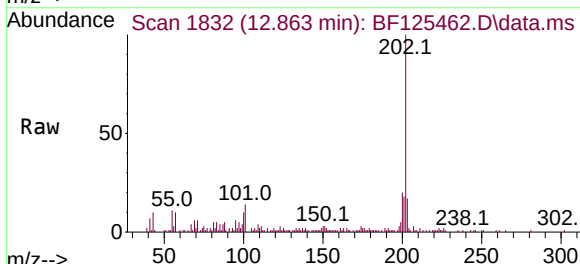
Instrument :
BNA_F
ClientSampleId :
CL-2-091021

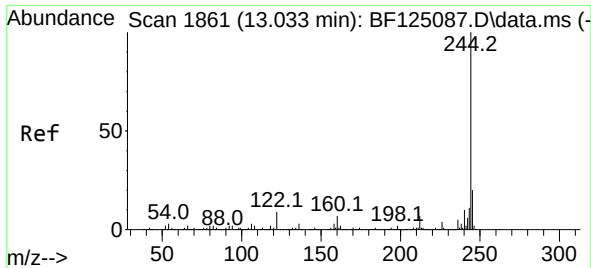
Tgt Ion:240 Resp: 276112
Ion Ratio Lower Upper
240 100
120 8.9 10.8 16.2#
236 26.0 21.6 32.4



#78
Pyrene
Concen: 2.179 ng
RT: 12.863 min Scan# 1832
Delta R.T. -0.012 min
Lab File: BF125462.D
Acq: 14 Sep 2021 1:06

Tgt Ion:202 Resp: 51600
Ion Ratio Lower Upper
202 100
200 19.6 15.3 22.9
203 17.3 13.4 20.0

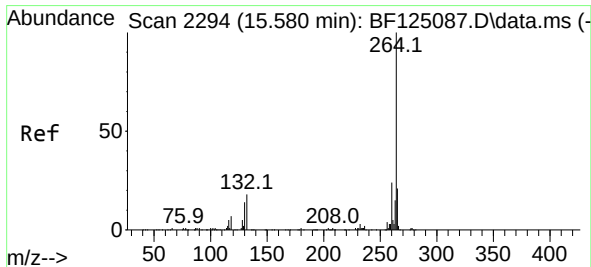
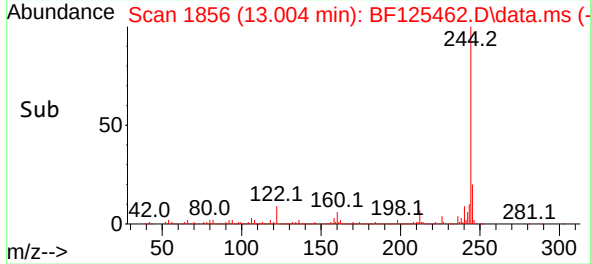
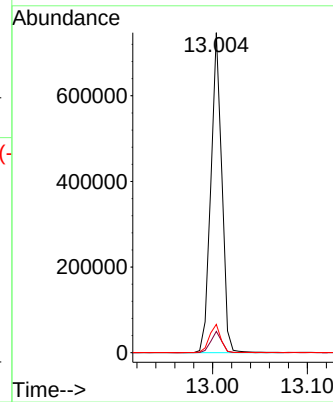
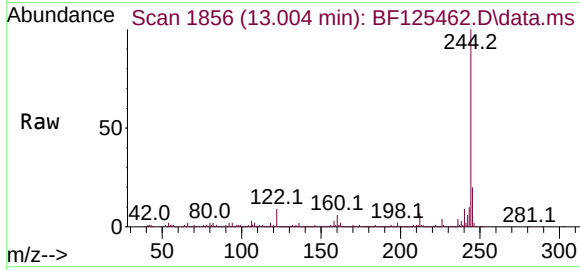




#79
Terphenyl-d14
Concen: 34.506 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF125462.D
Acq: 14 Sep 2021 1:06

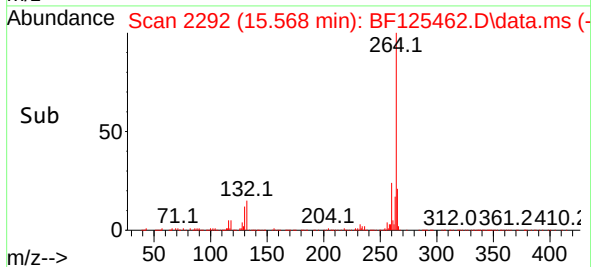
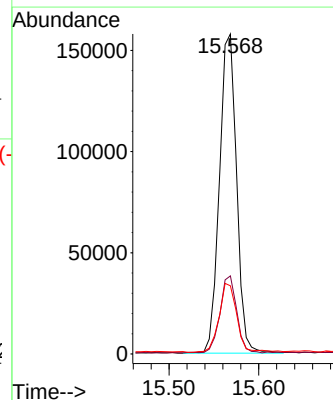
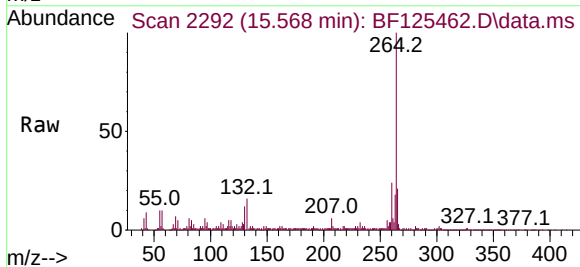
Instrument :
BNA_F
ClientSampleId :
CL-2-091021

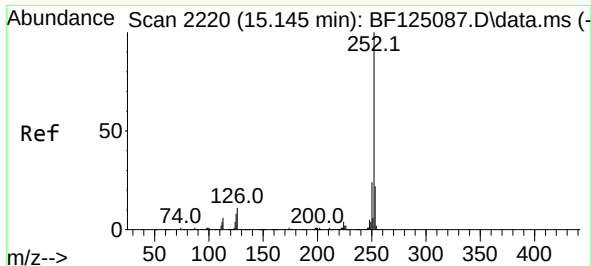
Tgt Ion:244 Resp: 598045
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 8.8 9.0 13.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2292
Delta R.T. 0.000 min
Lab File: BF125462.D
Acq: 14 Sep 2021 1:06

Tgt Ion:264 Resp: 209353
Ion Ratio Lower Upper
264 100
260 24.4 19.6 29.4
265 21.3 17.2 25.8

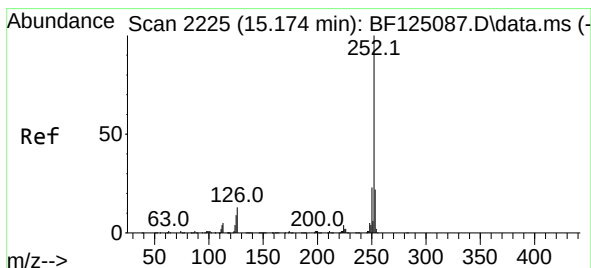
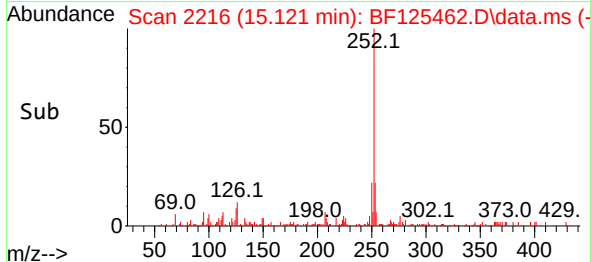
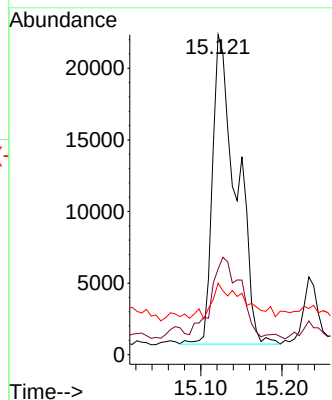
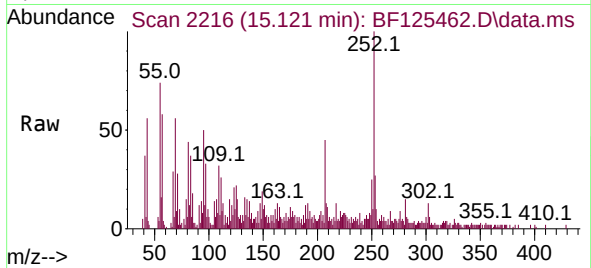




#88
Benzo(b)fluoranthene
Concen: 2.890 ng
RT: 15.121 min Scan# 2216
Delta R.T. -0.006 min
Lab File: BF125462.D
Acq: 14 Sep 2021 1:06

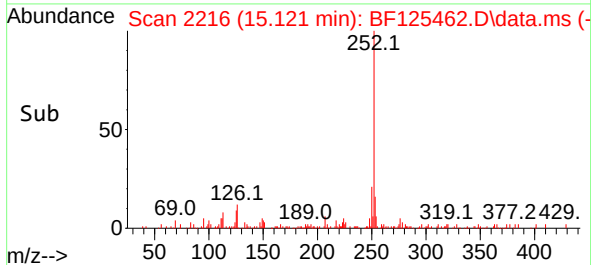
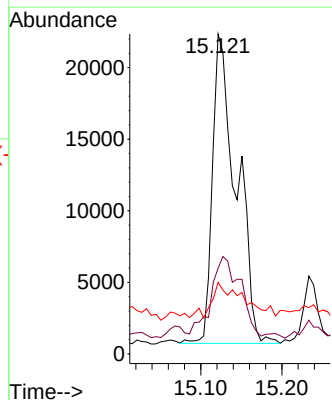
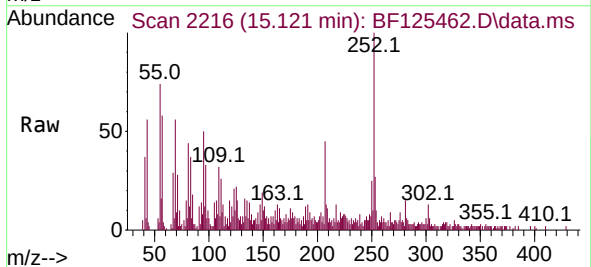
Instrument :
BNA_F
ClientSampleId :
CL-2-091021

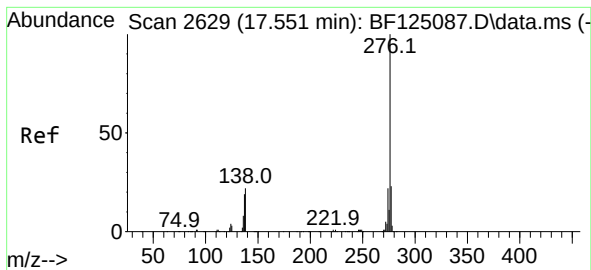
Tgt Ion:252 Resp: 44201
Ion Ratio Lower Upper
252 100
253 26.8 16.8 25.2#
125 22.3 9.8 14.8#



#89
Benzo(k)fluoranthene
Concen: 3.097 ng
RT: 15.121 min Scan# 2216
Delta R.T. -0.041 min
Lab File: BF125462.D
Acq: 14 Sep 2021 1:06

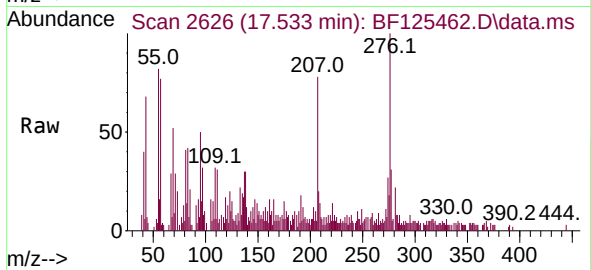
Tgt Ion:252 Resp: 44201
Ion Ratio Lower Upper
252 100
253 26.8 17.8 26.8#
125 22.3 7.2 10.8#





#92
 Benzo(g,h,i)perylene
 Concen: 2.054 ng
 RT: 17.533 min Scan# 2626
 Delta R.T. -0.012 min
 Lab File: BF125462.D
 Acq: 14 Sep 2021 1:06

Instrument :
 BNA_F
 ClientSampleId :
 CL-2-091021



Tgt Ion:	276	Resp:	25814
Ion Ratio	Lower	Upper	
276	100		
277	30.9	22.0	33.0
138	29.9	22.2	33.4

