

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081921\
 Data File : BF125115.D
 Acq On : 19 Aug 2021 15:33
 Operator : JU/CG
 Sample : M3449-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2

Quant Time: Aug 19 18:23:43 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 18 17:03:50 2021
 Response via : Initial Calibration

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

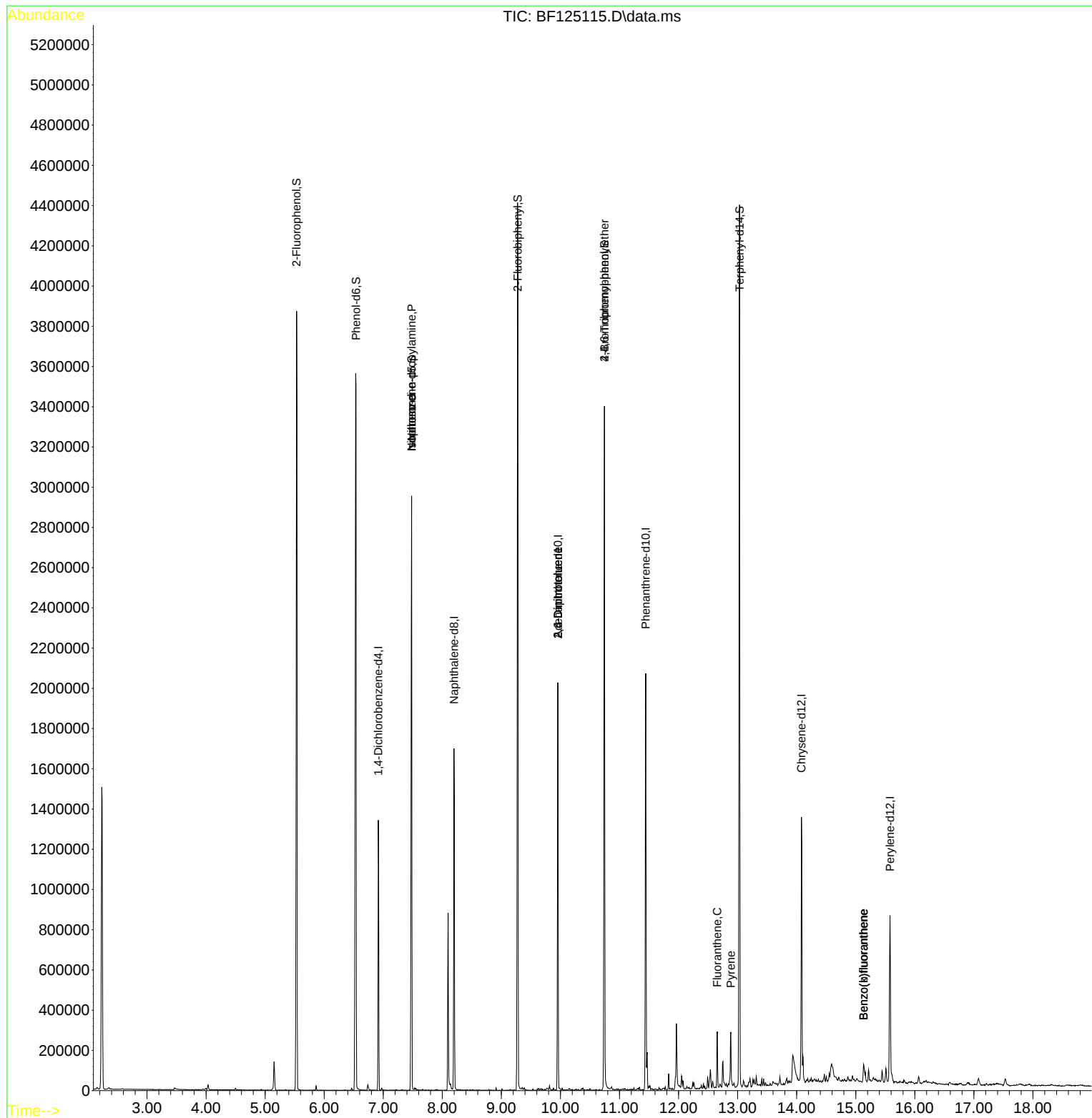
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	180221	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	713767	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	383092	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	708761	20.000	ng	0.00
76) Chrysene-d12	14.080	240	443001	20.000	ng	0.00
86) Perylene-d12	15.580	264	375290	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1061283	89.133	ng	0.00
7) Phenol-d6	6.539	99	1371569	89.067	ng	0.00
23) Nitrobenzene-d5	7.481	82	911351	64.280	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	401611	105.021	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	1478479	53.789	ng	0.00
79) Terphenyl-d14	13.033	244	1546760	55.624	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	124101	13.398	ng	# 57
25) Isophorone	7.481	82	909761	33.263	ng	# 59
51) 2,6-Dinitrotoluene	9.957	165	49634	8.622	ng	# 28
57) 2,4-Dinitrotoluene	9.957	165	49634	7.124	ng	# 20
67) 4-Bromophenyl-phenylether	10.745	248	24716	2.904	ng	# 1
75) Fluoranthene	12.657	202	108634	2.803	ng	99
78) Pyrene	12.886	202	115717	3.045	ng	98
88) Benzo(b)fluoranthene	15.133	252	65477	2.388	ng	98
89) Benzo(k)fluoranthene	15.133	252	65477	2.559	ng	# 96

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

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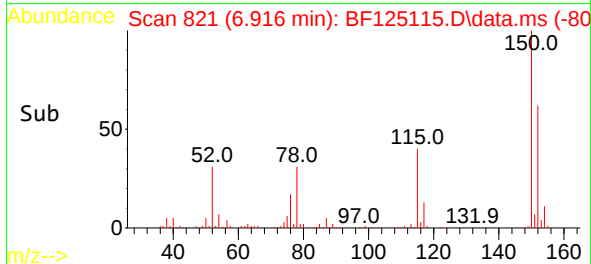
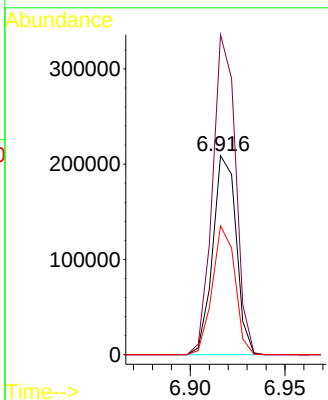
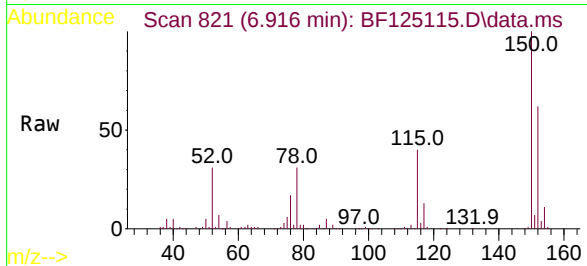




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF125115.D
Acq: 19 Aug 2021 15:33

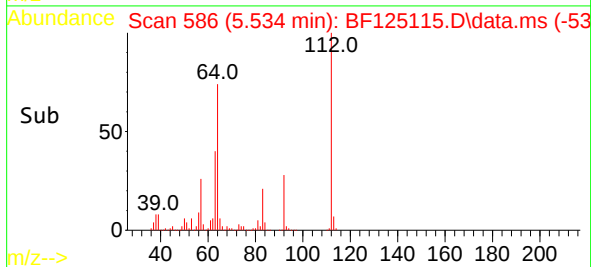
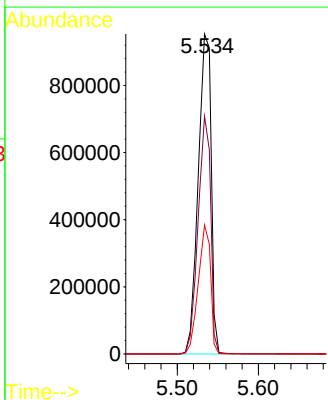
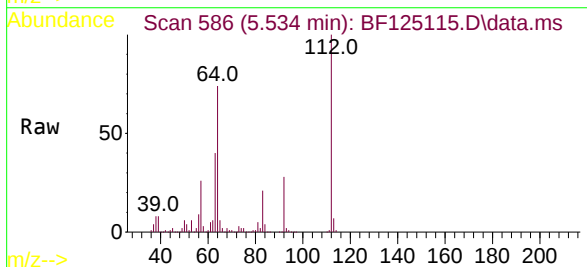
Instrument :
BNA_F
ClientSampleId :
TP2

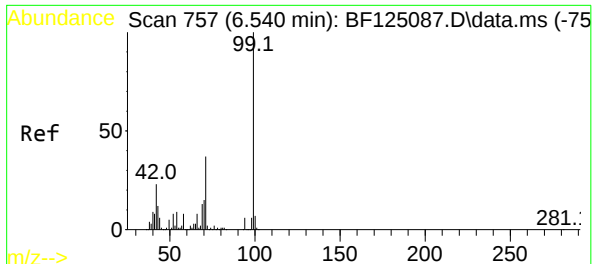
Tgt Ion:152 Resp: 180221
Ion Ratio Lower Upper
152 100
150 160.7 117.6 176.4
115 64.7 47.1 70.7



#5
2-Fluorophenol
Concen: 89.133 ng
RT: 5.534 min Scan# 586
Delta R.T. -0.000 min
Lab File: BF125115.D
Acq: 19 Aug 2021 15:33

Tgt Ion:112 Resp: 1061283
Ion Ratio Lower Upper
112 100
64 74.3 44.2 66.2#
63 40.3 26.2 39.2#

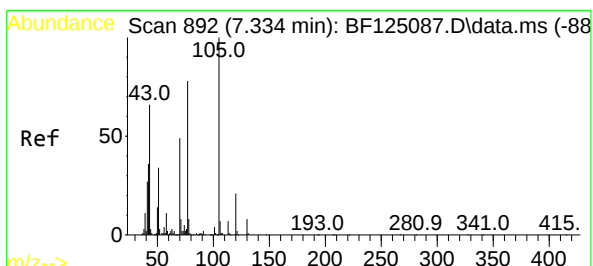
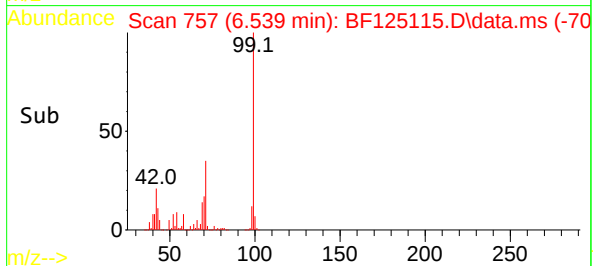
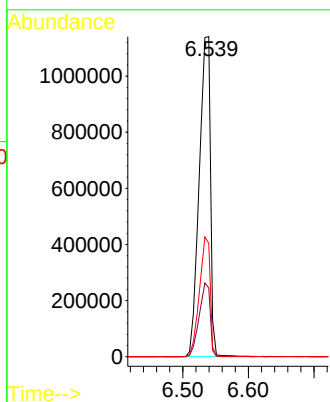
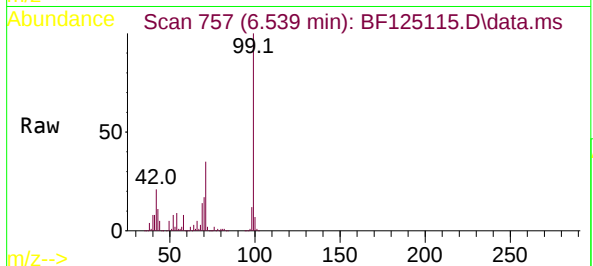




#7
Phenol-d6
Concen: 89.067 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.000 min
Lab File: BF125115.D
Acq: 19 Aug 2021 15:33

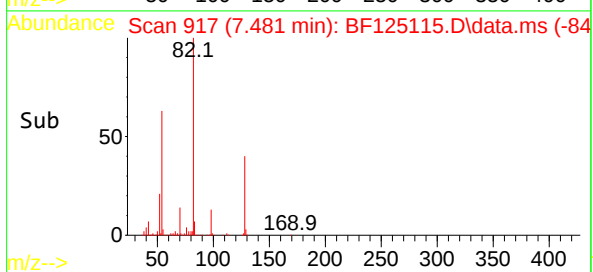
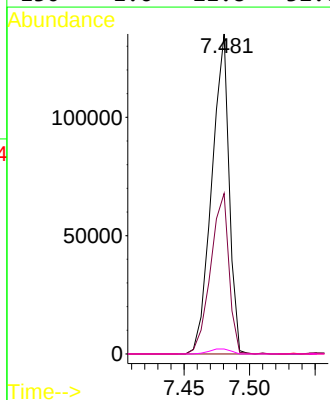
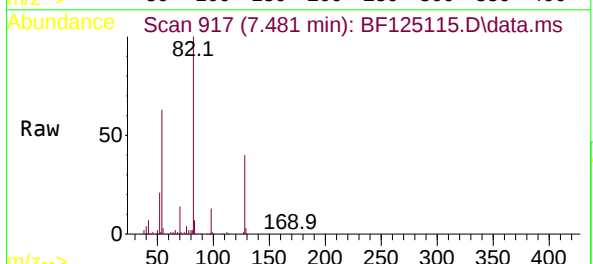
Instrument :
BNA_F
ClientSampleId :
TP2

Tgt Ion: 99 Resp: 1371569
Ion Ratio Lower Upper
99 100
42 21.5 23.5 35.3#
71 35.4 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.398 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.147 min
Lab File: BF125115.D
Acq: 19 Aug 2021 15:33

Tgt Ion: 70 Resp: 124101
Ion Ratio Lower Upper
70 100
42 50.1 72.2 108.2#
101 0.0 7.8 11.8#
130 1.6 21.8 32.6#



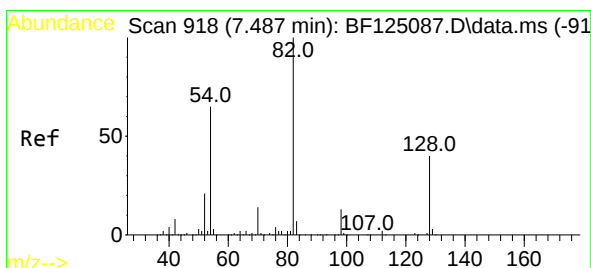
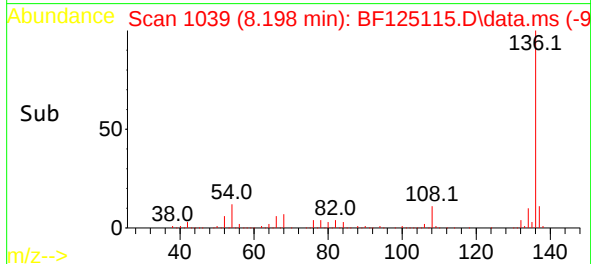
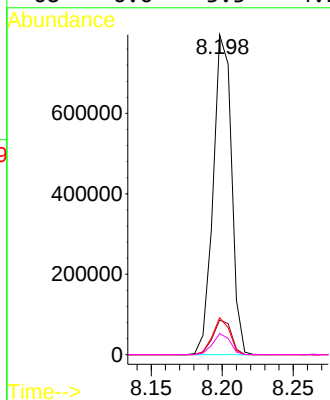
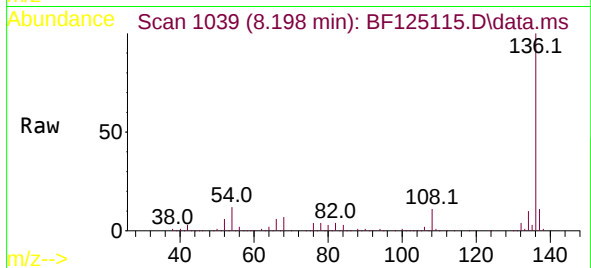


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF125115.D
Acq: 19 Aug 2021 15:33

Instrument :
BNA_F
ClientSampleId :
TP2

Tgt Ion:136 Resp: 713767

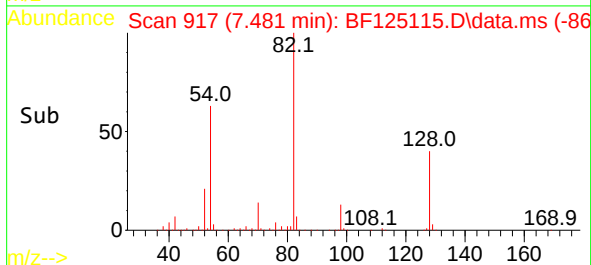
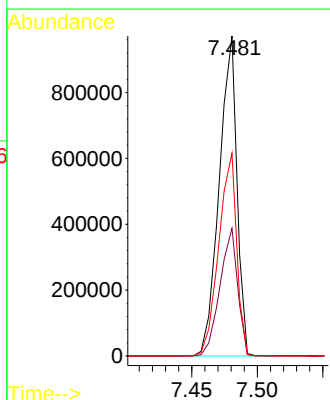
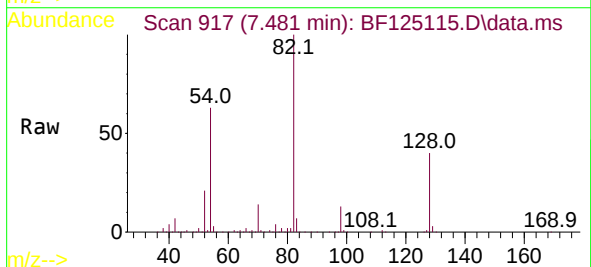
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.6
54	11.5	6.4	9.6#
68	6.6	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 64.280 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125115.D
Acq: 19 Aug 2021 15:33

Tgt Ion: 82 Resp: 911351

Ion	Ratio	Lower	Upper
82	100		
128	39.9	40.6	60.8#
54	63.4	49.6	74.4

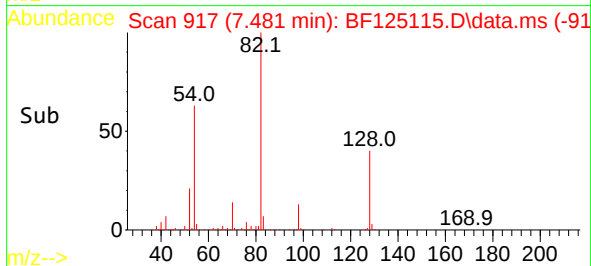
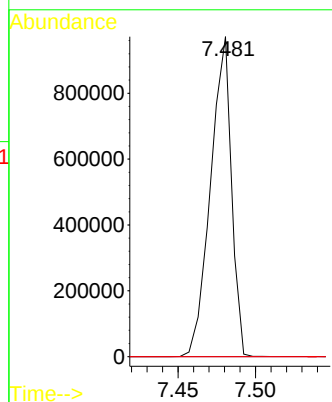
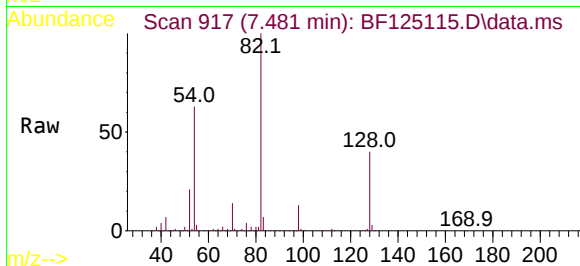




#25
Isophorone
Concen: 33.263 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.265 min
Lab File: BF125115.D
Acq: 19 Aug 2021 15:33

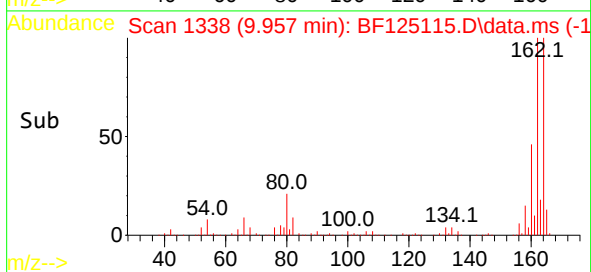
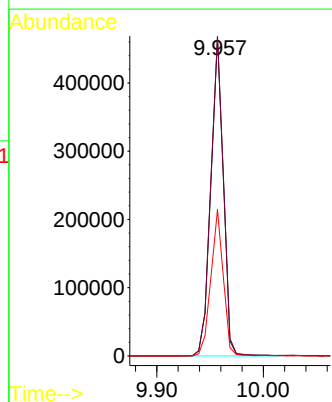
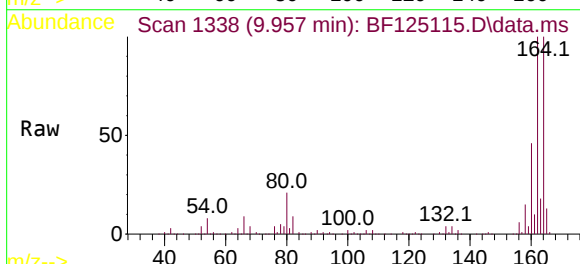
Instrument :
BNA_F
ClientSampleId :
TP2

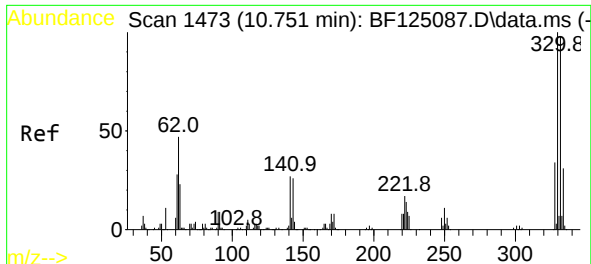
Tgt Ion: 82 Resp: 909761
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF125115.D
Acq: 19 Aug 2021 15:33

Tgt Ion: 164 Resp: 383092
Ion Ratio Lower Upper
164 100
162 100.2 81.3 121.9
160 45.9 38.0 57.0

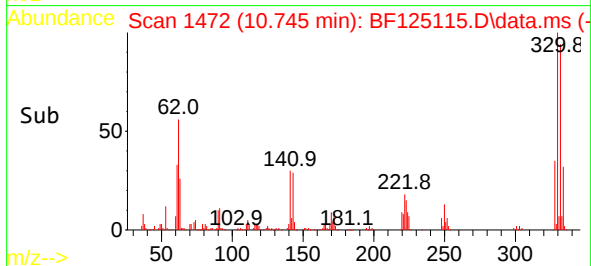
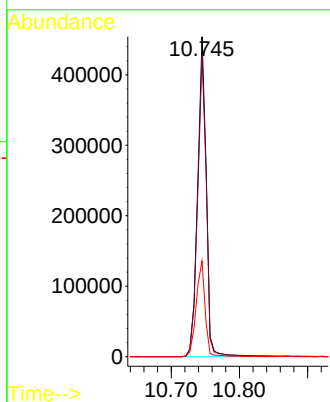
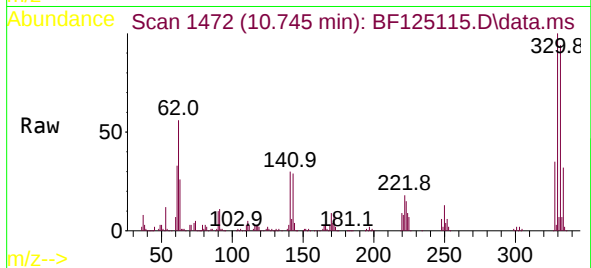




#42
2,4,6-Tribromophenol
Concen: 105.021 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.006 min
Lab File: BF125115.D
Acq: 19 Aug 2021 15:33

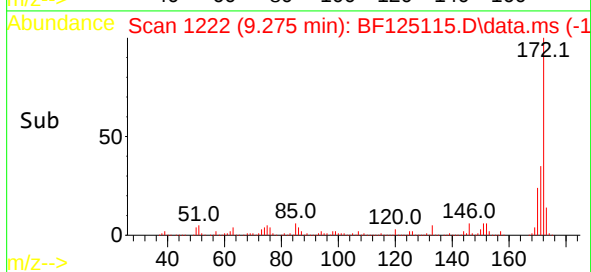
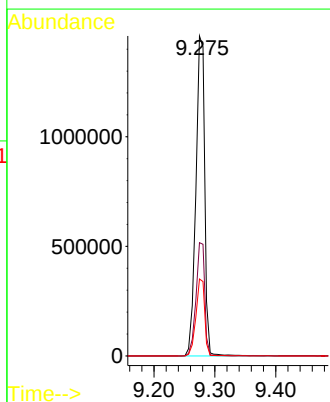
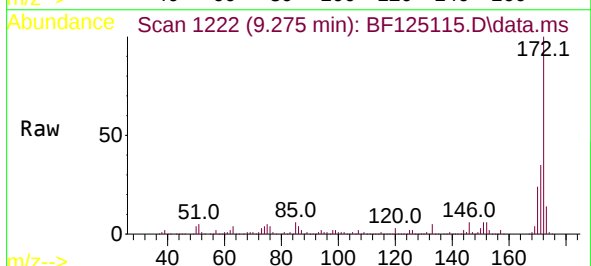
Instrument :
BNA_F
ClientSampleId :
TP2

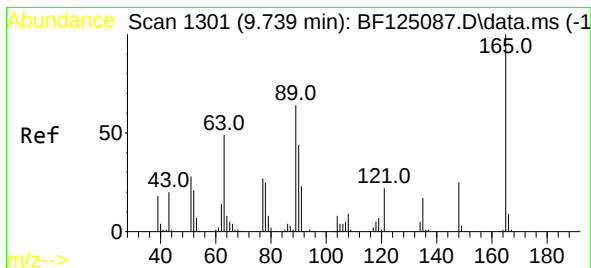
Tgt Ion: 330 Resp: 401611
Ion Ratio Lower Upper
330 100
332 94.7 76.2 114.4
141 31.1 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 53.789 ng
RT: 9.275 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF125115.D
Acq: 19 Aug 2021 15:33

Tgt Ion: 172 Resp: 1478479
Ion Ratio Lower Upper
172 100
171 35.4 26.5 39.7
170 24.1 18.8 28.2

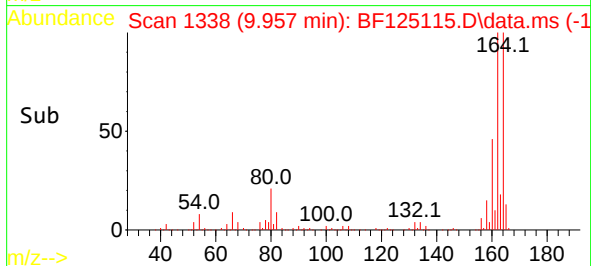
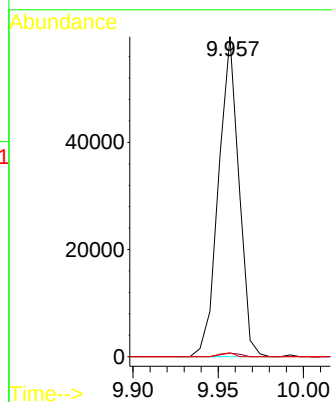
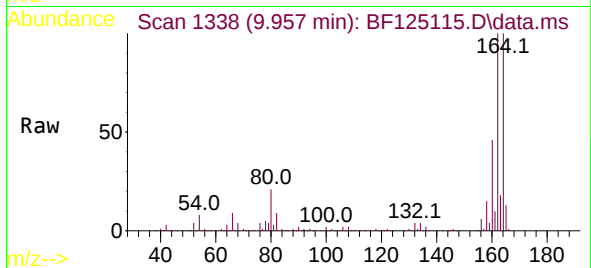




#51
2,6-Dinitrotoluene
Concen: 8.622 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.218 min
Lab File: BF125115.D
Acq: 19 Aug 2021 15:33

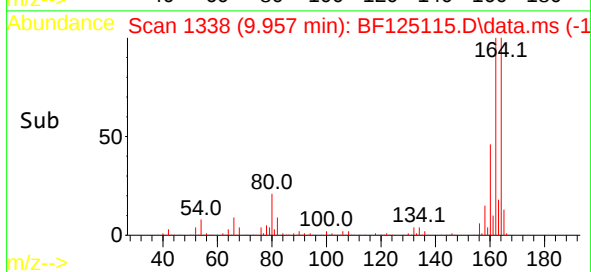
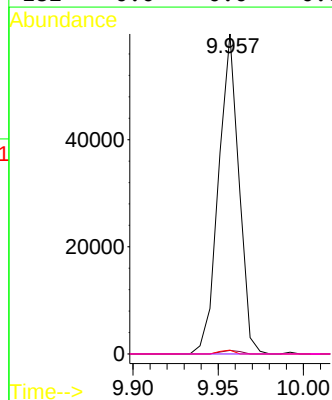
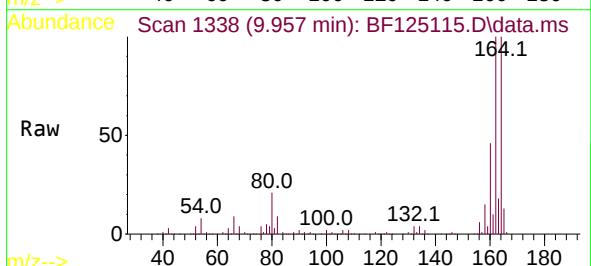
Instrument :
BNA_F
ClientSampled :
TP2

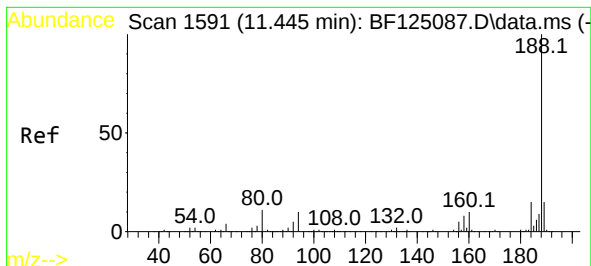
Tgt Ion:165 Resp: 49634
Ion Ratio Lower Upper
165 100
63 1.1 42.6 63.8#
89 1.2 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.124 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF125115.D
Acq: 19 Aug 2021 15:33

Tgt Ion:165 Resp: 49634
Ion Ratio Lower Upper
165 100
63 1.1 40.9 61.3#
89 1.2 59.7 89.5#
182 0.0 0.0 0.0

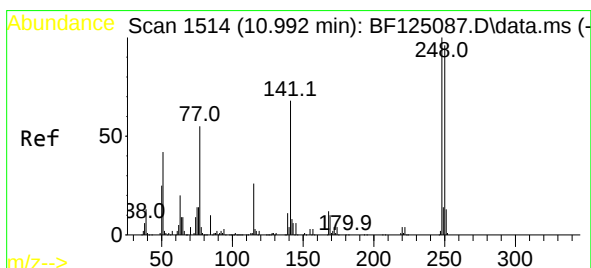
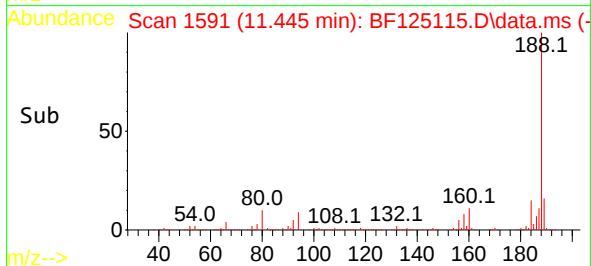
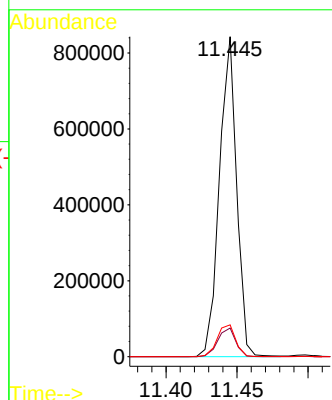
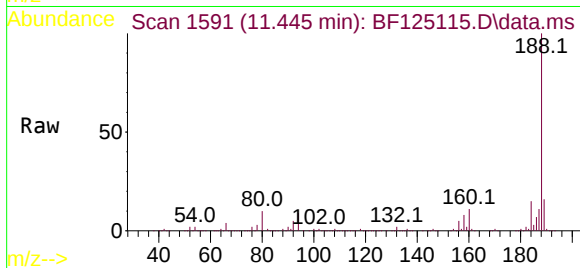




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF125115.D
Acq: 19 Aug 2021 15:33

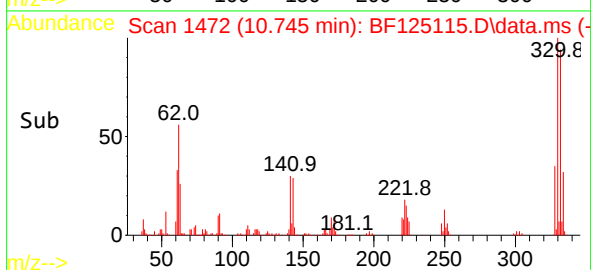
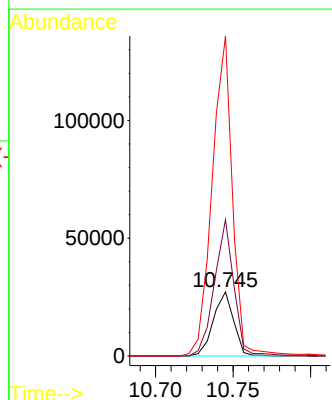
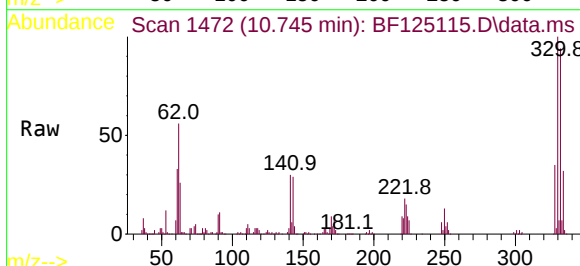
Instrument :
BNA_F
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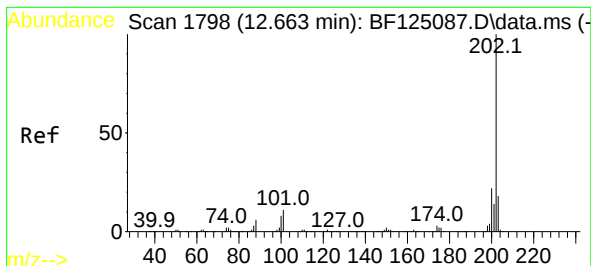
Tgt Ion:188 Resp: 708761
Ion Ratio Lower Upper
188 100
94 9.0 6.7 10.1
80 9.9 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.904 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.247 min
Lab File: BF125115.D
Acq: 19 Aug 2021 15:33

Tgt Ion:248 Resp: 24716
Ion Ratio Lower Upper
248 100
250 212.8 74.2 111.4#
141 499.5 60.4 90.6#

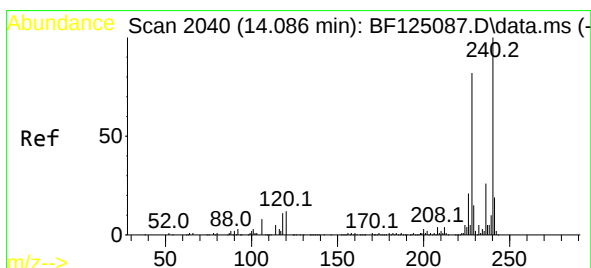
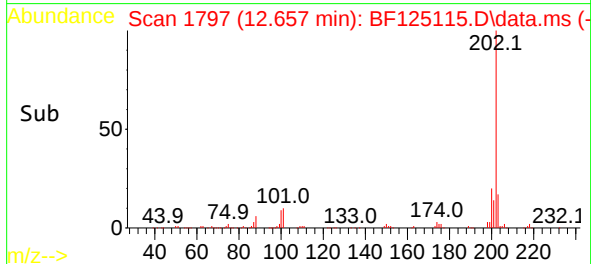
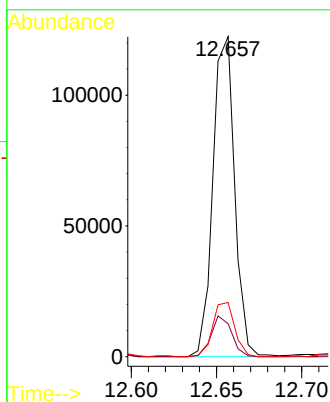
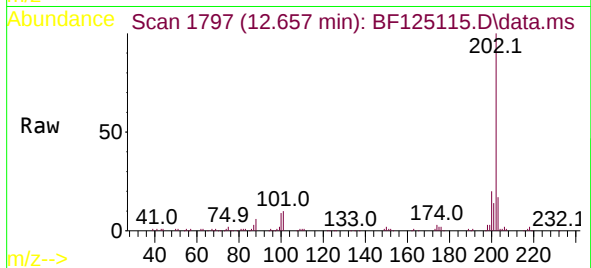




#75
Fluoranthene
Concen: 2.803 ng
RT: 12.657 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BF125115.D
Acq: 19 Aug 2021 15:33

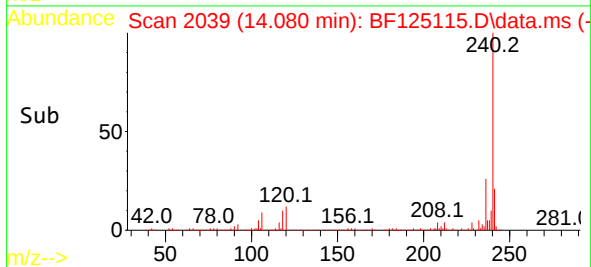
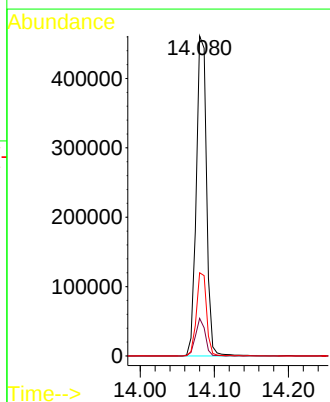
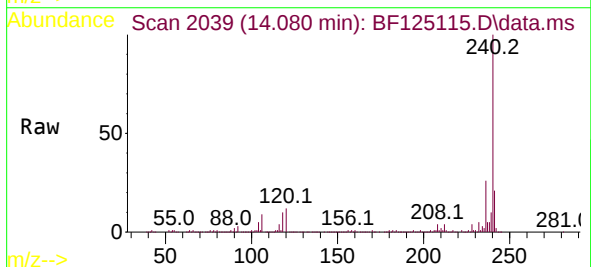
Instrument :
BNA_F
ClientSampleId :
TP2

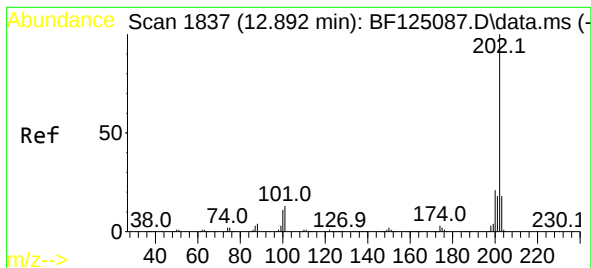
Tgt Ion:202 Resp: 108634
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.7
203 16.9 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF125115.D
Acq: 19 Aug 2021 15:33

Tgt Ion:240 Resp: 443001
Ion Ratio Lower Upper
240 100
120 11.7 10.8 16.2
236 26.0 21.6 32.4





#78

Pyrene

Concen: 3.045 ng

RT: 12.886 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF125115.D

Acq: 19 Aug 2021 15:33

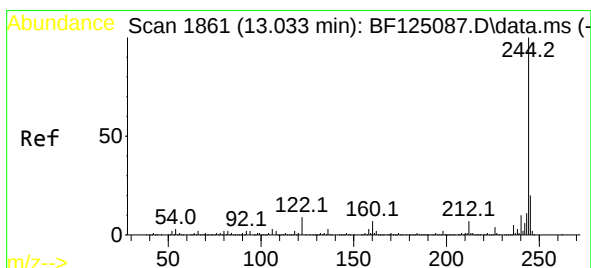
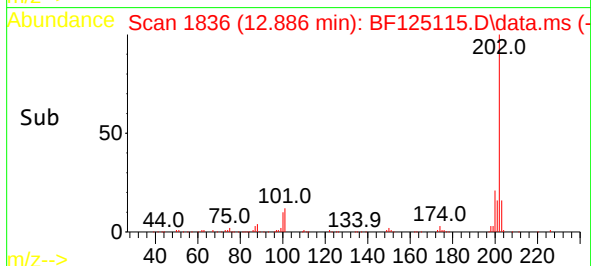
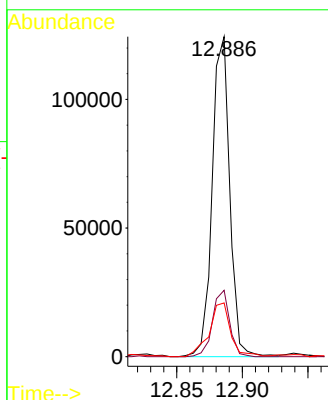
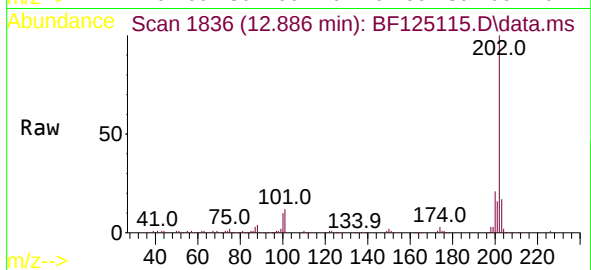
Tgt Ion:202 Resp: 115717

Ion Ratio Lower Upper

202 100

200 20.8 15.3 22.9

203 16.8 13.4 20.0



#79

Terphenyl-d14

Concen: 55.624 ng

RT: 13.033 min Scan# 1861

Delta R.T. -0.000 min

Lab File: BF125115.D

Acq: 19 Aug 2021 15:33

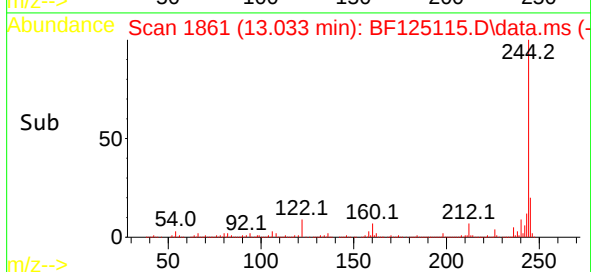
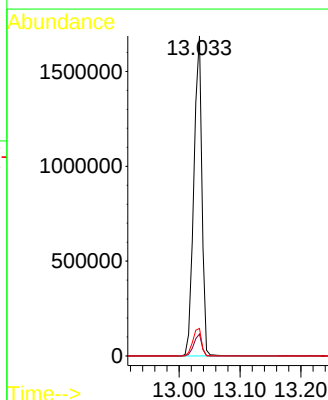
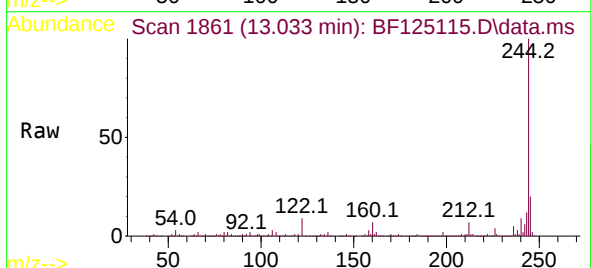
Tgt Ion:244 Resp: 1546760

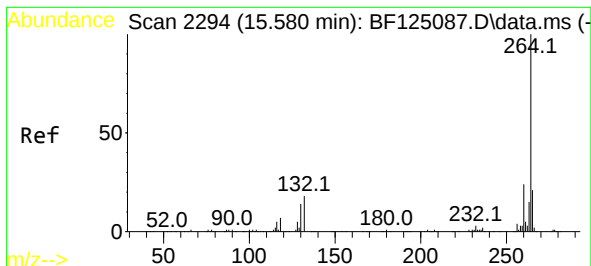
Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 8.6 9.0 13.4#

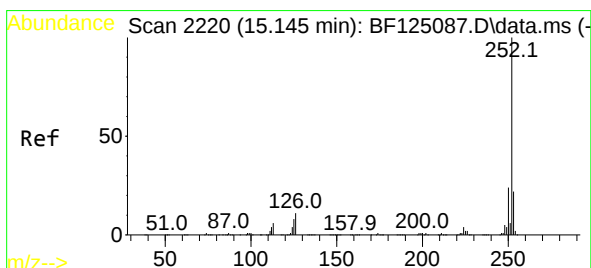
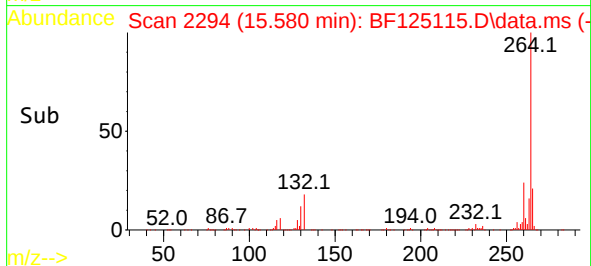
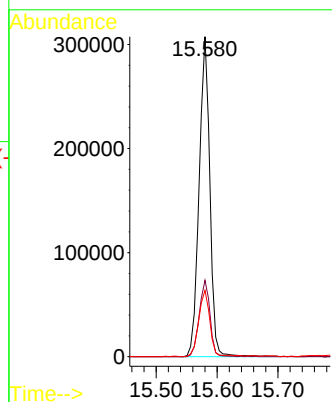
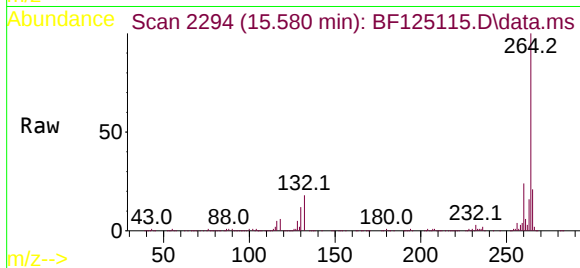




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2294
Delta R.T. -0.000 min
Lab File: BF125115.D
Acq: 19 Aug 2021 15:33

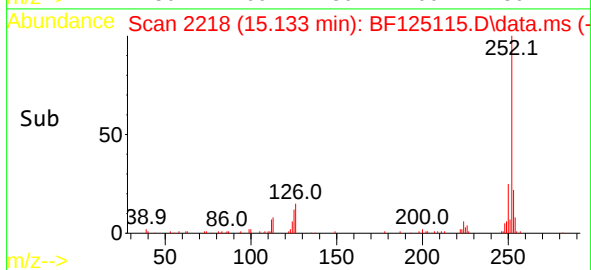
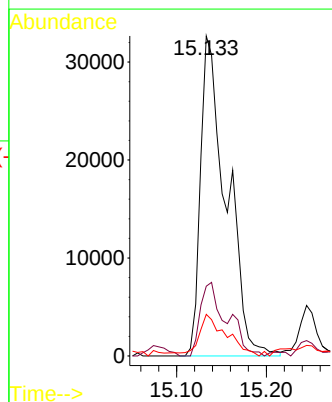
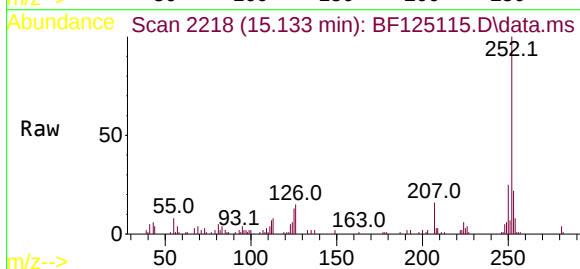
Instrument :
BNA_F
ClientSampled :
TP2

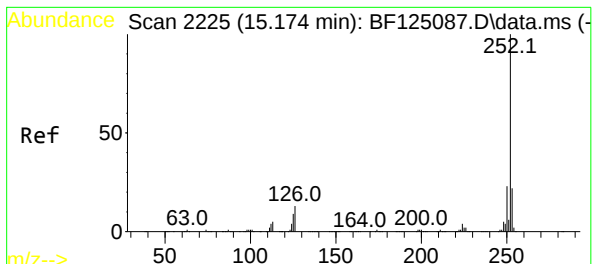
Tgt Ion:264 Resp: 375290
Ion Ratio Lower Upper
264 100
260 23.8 19.6 29.4
265 20.7 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 2.388 ng
RT: 15.133 min Scan# 2218
Delta R.T. -0.012 min
Lab File: BF125115.D
Acq: 19 Aug 2021 15:33

Tgt Ion:252 Resp: 65477
Ion Ratio Lower Upper
252 100
253 21.8 16.8 25.2
125 13.0 9.8 14.8





#89
 Benzo(k)fluoranthene
 Concen: 2.559 ng
 RT: 15.133 min Scan# 2218
 Delta R.T. -0.041 min
 Lab File: BF125115.D
 Acq: 19 Aug 2021 15:33

Instrument :
 BNA_F
 ClientSampleId :
 TP2

Tgt Ion:252 Resp: 65477
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.8 26.8
 125 13.0 7.2 10.8#

