

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082621\
 Data File : BF125222.D
 Acq On : 26 Aug 2021 12:15
 Operator : JU/CG
 Sample : PB138680BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 26 12:58:58 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

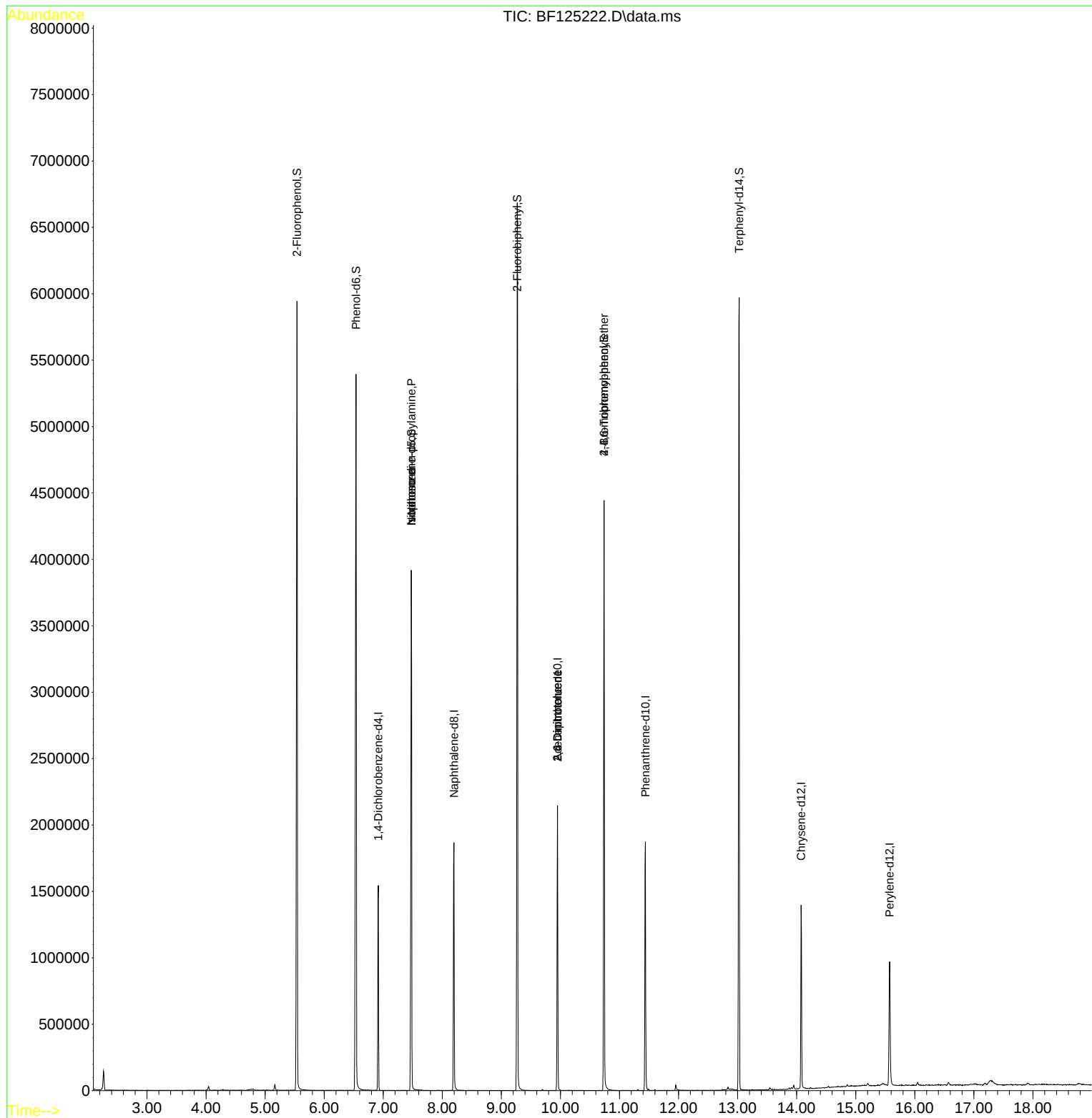
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	223740	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	869997	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	434934	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	734127	20.000	ng	0.00
76) Chrysene-d12	14.074	240	493002	20.000	ng	0.00
86) Perylene-d12	15.574	264	457521	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1726628	116.806	ng	0.01
7) Phenol-d6	6.539	99	2130723	111.452	ng	0.00
23) Nitrobenzene-d5	7.475	82	1380475	79.884	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	552018	127.146	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	2272388	72.818	ng	0.00
79) Terphenyl-d14	13.027	244	2292423	74.078	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.475	70	188147	16.362	ng	# 58
25) Isophorone	7.475	82	1378265	41.343	ng	# 59
51) 2,6-Dinitrotoluene	9.951	165	57323	8.771	ng	# 27
57) 2,4-Dinitrotoluene	9.951	165	57323	7.247	ng	# 19
67) 4-Bromophenyl-phenylether	10.739	248	34380	3.900	ng	# 1

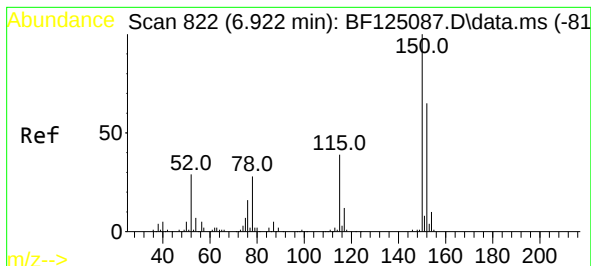
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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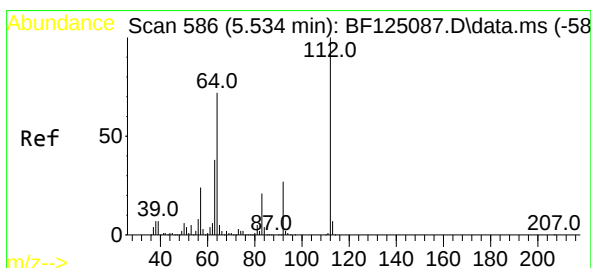
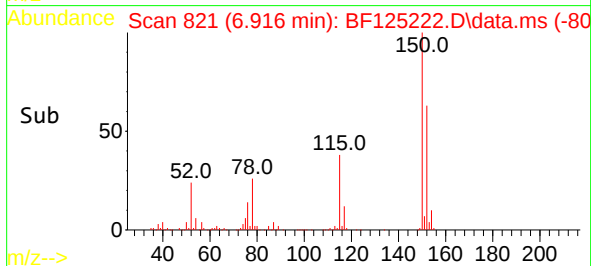
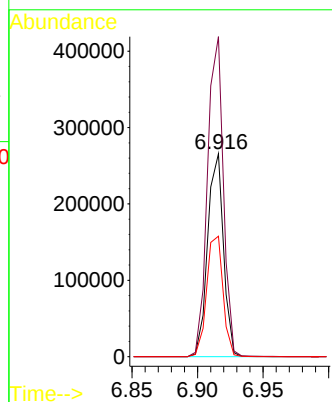
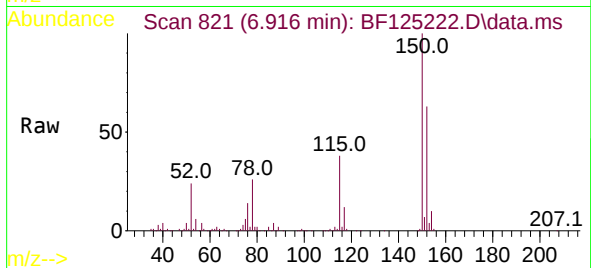




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF125222.D
Acq: 26 Aug 2021 12:15

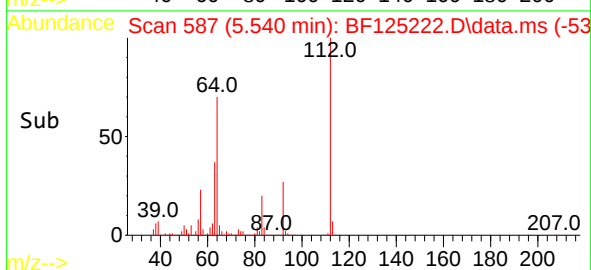
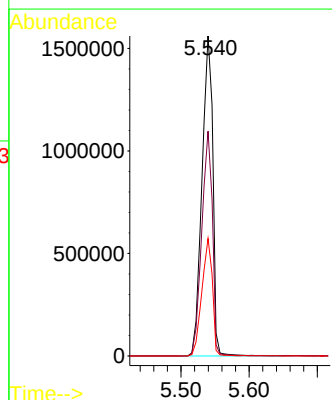
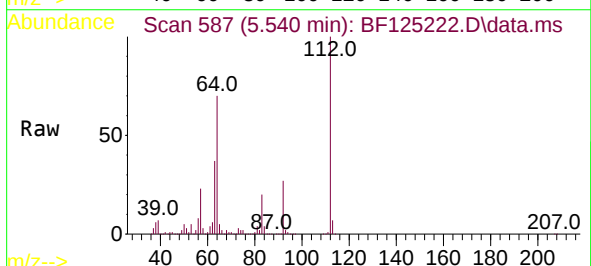
Instrument :
BNA_F
ClientSampleId :

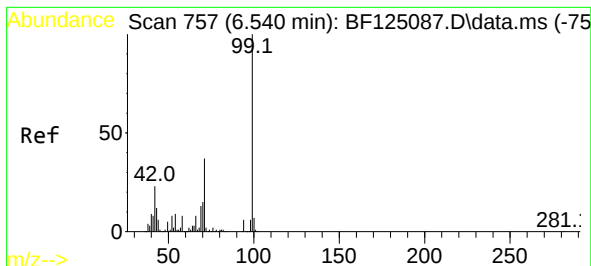
Tgt Ion:152 Resp: 223740
Ion Ratio Lower Upper
152 100
150 157.7 117.6 176.4
115 59.4 47.1 70.7



#5
2-Fluorophenol
Concen: 116.806 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.012 min
Lab File: BF125222.D
Acq: 26 Aug 2021 12:15

Tgt Ion:112 Resp: 1726628
Ion Ratio Lower Upper
112 100
64 70.3 44.2 66.2#
63 36.7 26.2 39.2





#7

Phenol-d6

Concen: 111.452 ng

RT: 6.539 min Scan# 757

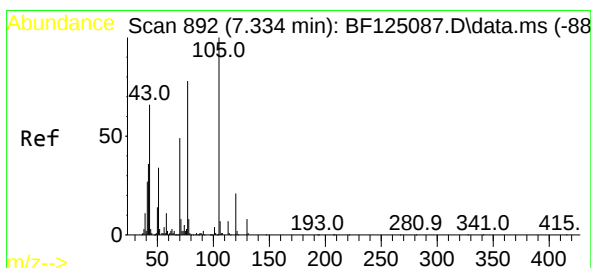
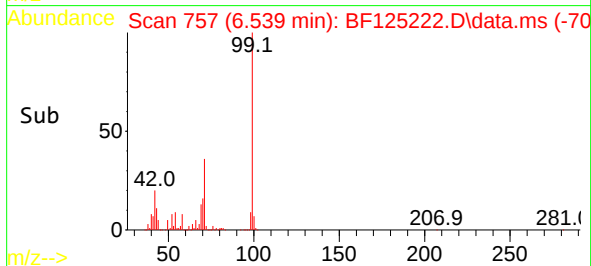
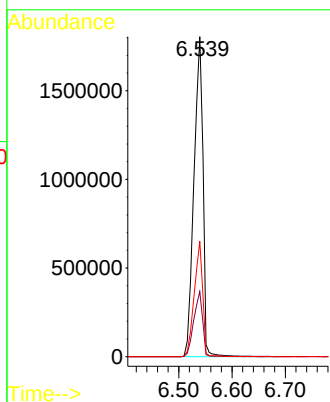
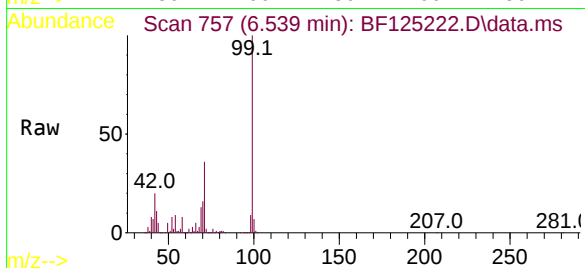
Delta R.T. 0.000 min

Lab File: BF125222.D

Acq: 26 Aug 2021 12:15

Tgt Ion: 99 Resp: 2130723

Ion	Ratio	Lower	Upper
99	100		
42	20.4	23.5	35.3#
71	36.0	25.6	38.4



#19

n-Nitroso-di-n-propylamine

Concen: 16.362 ng

RT: 7.475 min Scan# 916

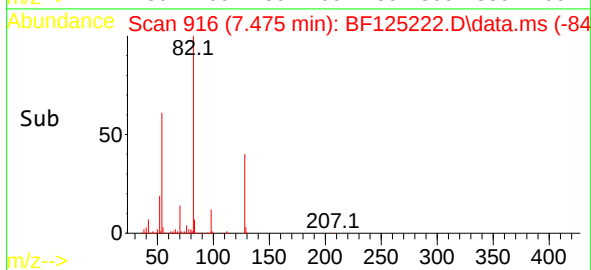
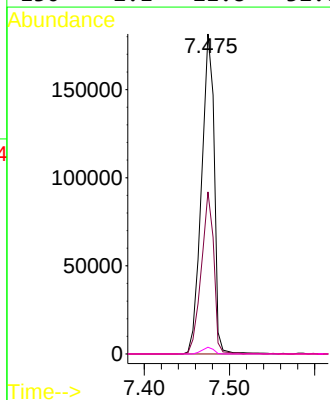
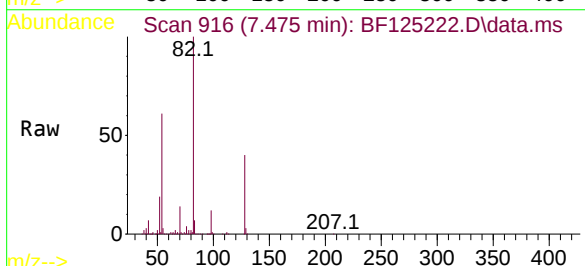
Delta R.T. 0.147 min

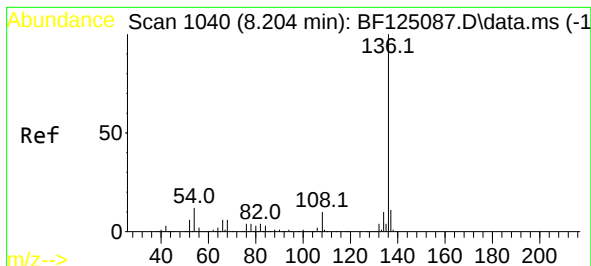
Lab File: BF125222.D

Acq: 26 Aug 2021 12:15

Tgt Ion: 70 Resp: 188147

Ion	Ratio	Lower	Upper
70	100		
42	50.6	72.2	108.2#
101	0.0	7.8	11.8#
130	2.1	21.8	32.6#

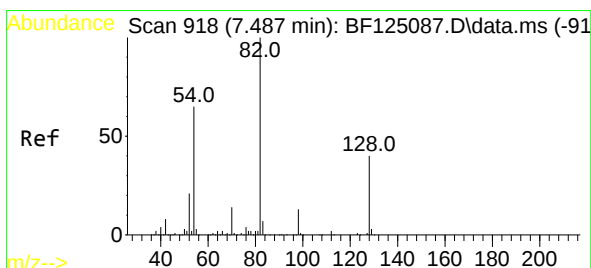
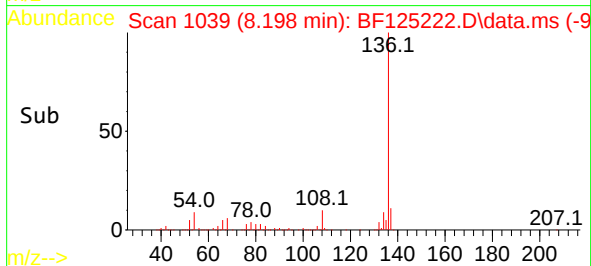
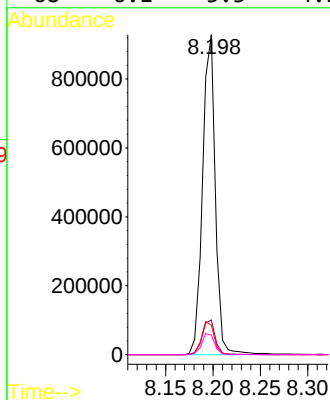
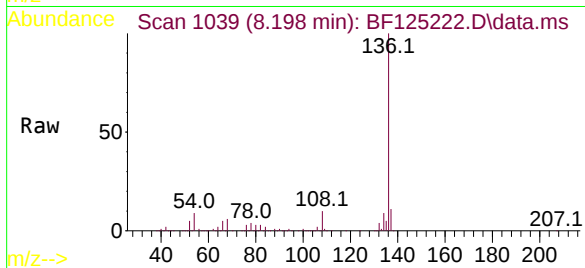




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF125222.D
Acq: 26 Aug 2021 12:15

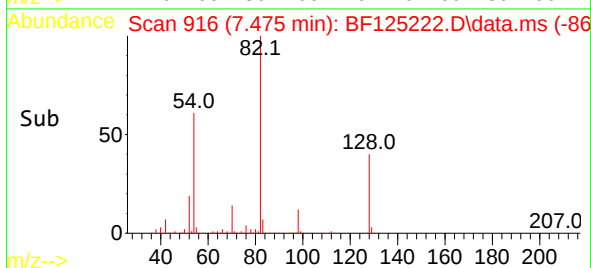
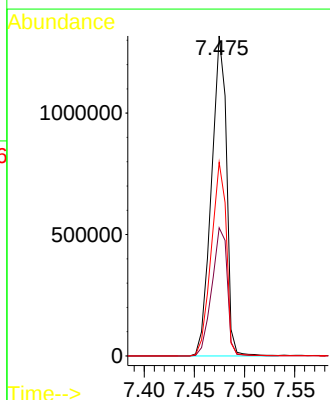
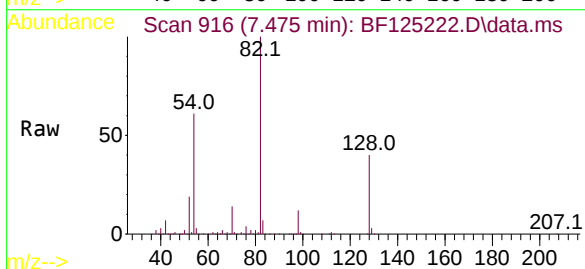
Instrument :
BNA_F
ClientSampleId :

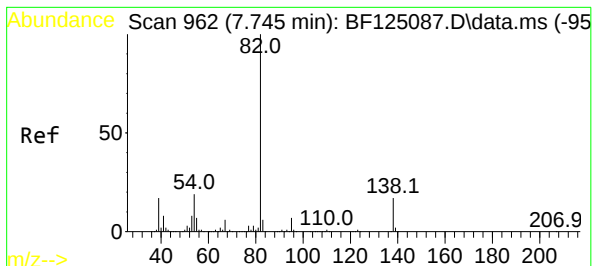
Tgt Ion:136 Resp: 869997
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 9.2 6.4 9.6
68 6.1 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 79.884 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125222.D
Acq: 26 Aug 2021 12:15

Tgt Ion: 82 Resp: 1380475
Ion Ratio Lower Upper
82 100
128 40.1 40.6 60.8#
54 60.5 49.6 74.4

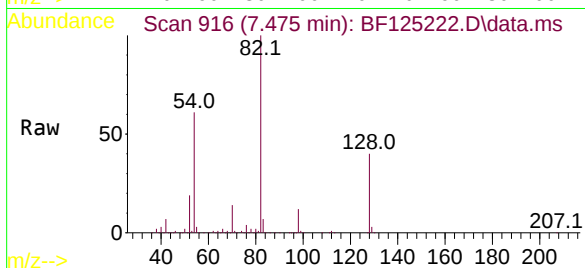




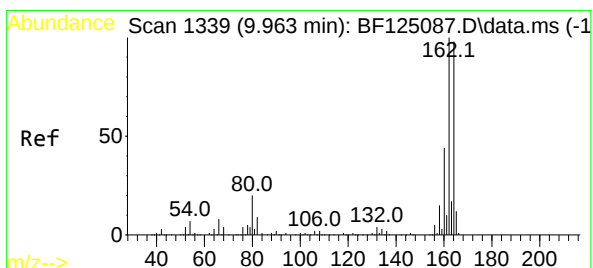
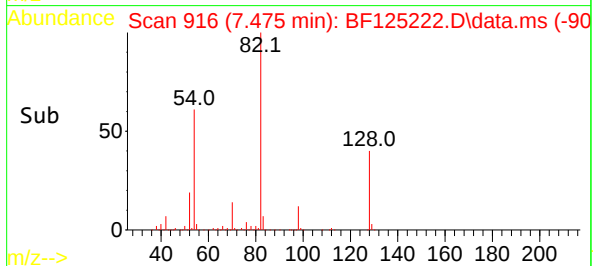
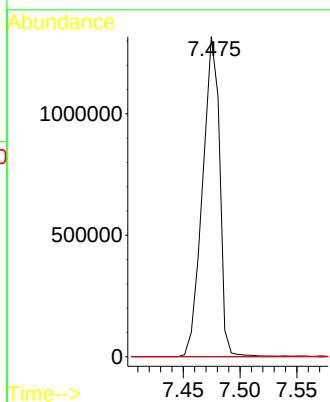
#25

Isophorone
Concen: 41.343 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.259 min
Lab File: BF125222.D
Acq: 26 Aug 2021 12:15

Instrument :
BNA_F
ClientSampleId :



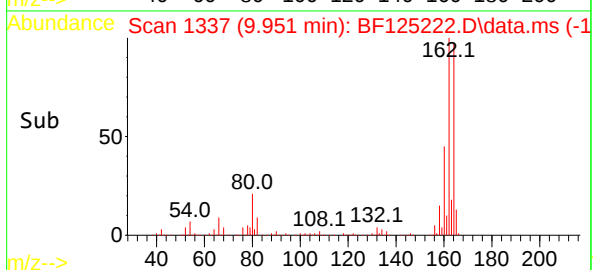
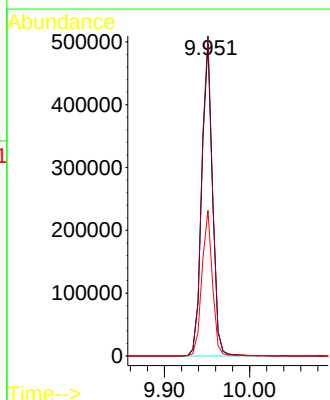
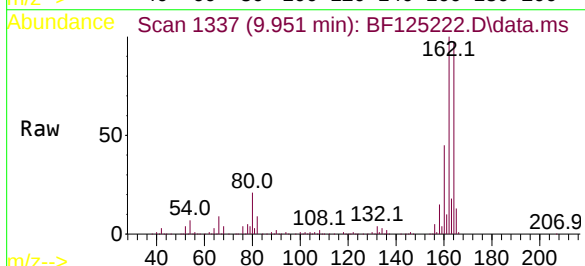
Tgt Ion: 82 Resp: 1378265
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

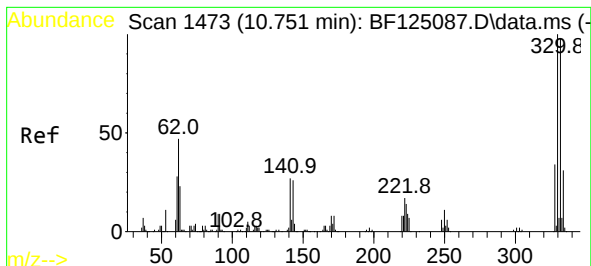


#39

Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF125222.D
Acq: 26 Aug 2021 12:15

Tgt Ion: 164 Resp: 434934
Ion Ratio Lower Upper
164 100
162 102.6 81.3 121.9
160 46.7 38.0 57.0

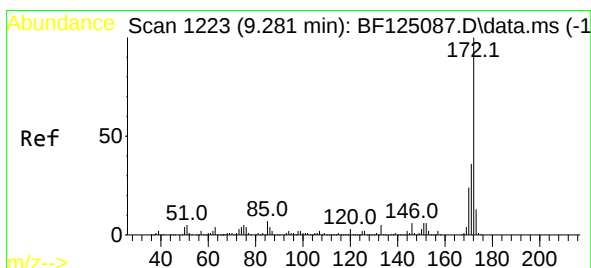
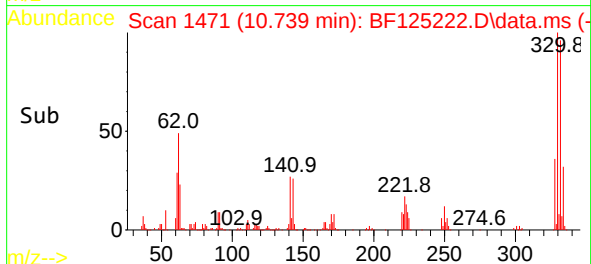
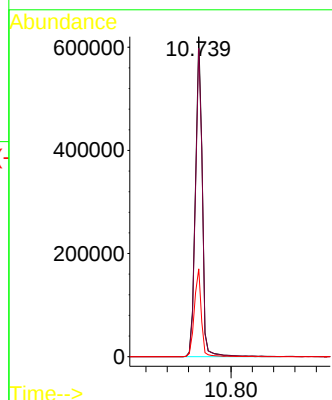
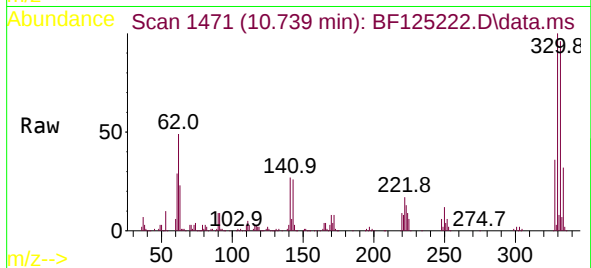




#42
2,4,6-Tribromophenol
Concen: 127.146 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF125222.D
Acq: 26 Aug 2021 12:15

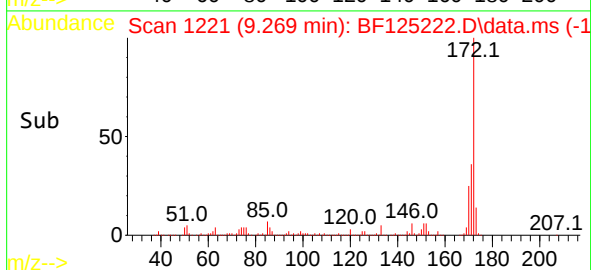
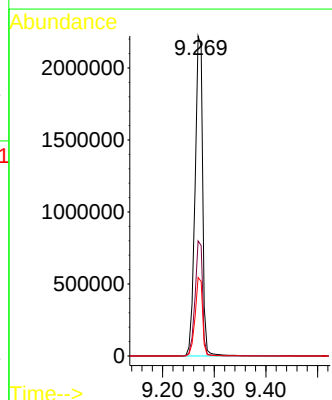
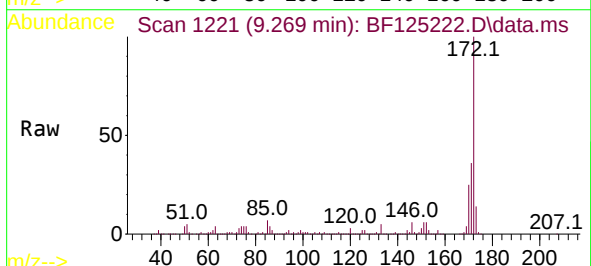
Instrument :
BNA_F
ClientSampleId :

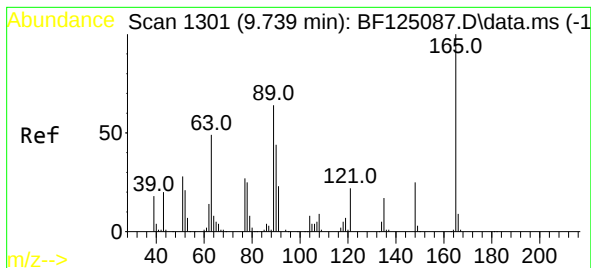
Tgt Ion: 330 Resp: 552018
Ion Ratio Lower Upper
330 100
332 96.2 76.2 114.4
141 28.0 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 72.818 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125222.D
Acq: 26 Aug 2021 12:15

Tgt Ion: 172 Resp: 2272388
Ion Ratio Lower Upper
172 100
171 36.0 26.5 39.7
170 24.5 18.8 28.2

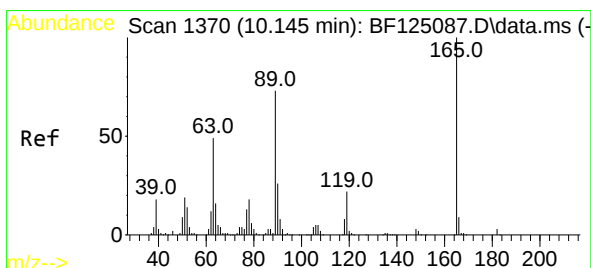
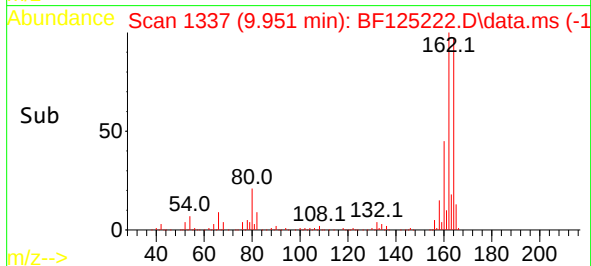
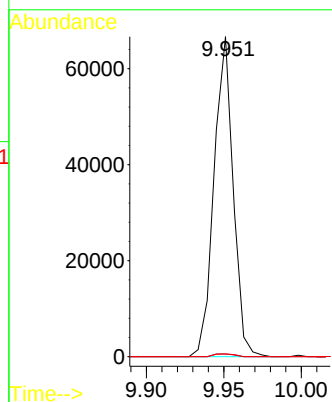
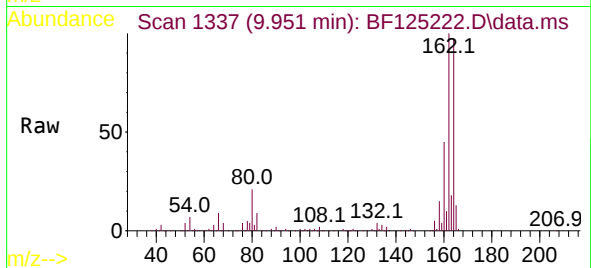




#51
2,6-Dinitrotoluene
Concen: 8.771 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.218 min
Lab File: BF125222.D
Acq: 26 Aug 2021 12:15

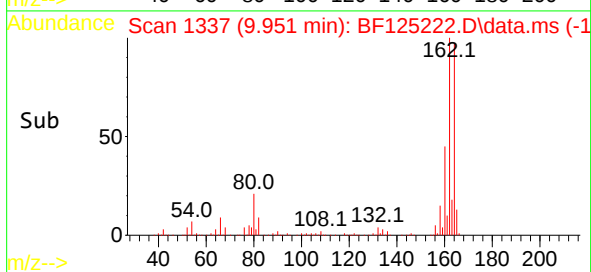
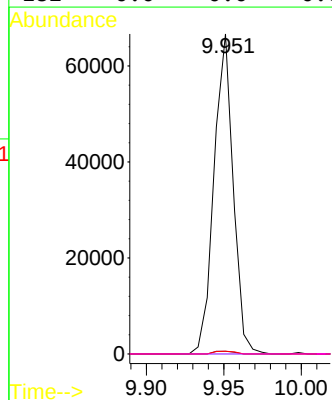
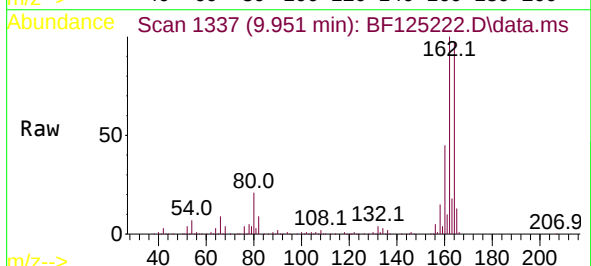
Instrument :
BNA_F
ClientSampled :

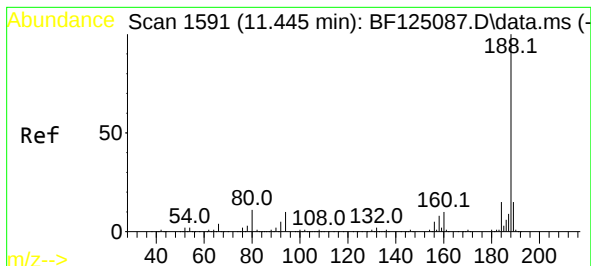
Tgt Ion:165 Resp: 57323
Ion Ratio Lower Upper
165 100
63 0.9 42.6 63.8#
89 0.8 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.247 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.182 min
Lab File: BF125222.D
Acq: 26 Aug 2021 12:15

Tgt Ion:165 Resp: 57323
Ion Ratio Lower Upper
165 100
63 0.9 40.9 61.3#
89 0.8 59.7 89.5#
182 0.0 0.0 0.0

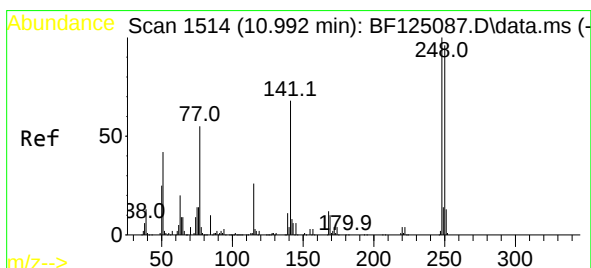
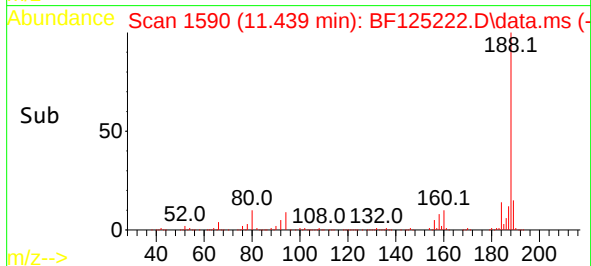
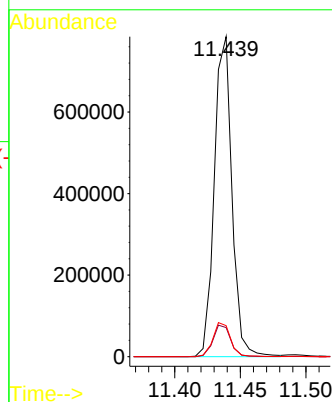
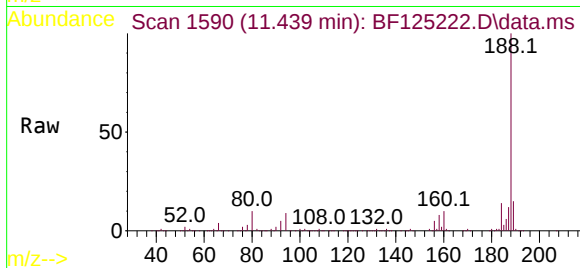




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF125222.D
Acq: 26 Aug 2021 12:15

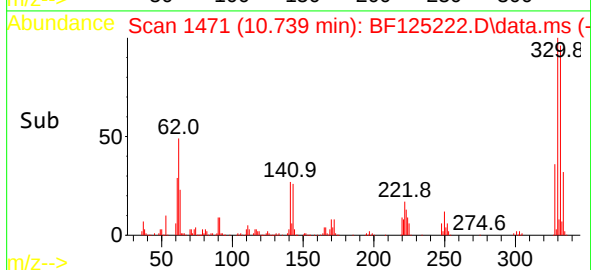
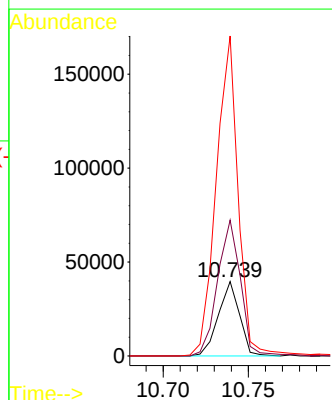
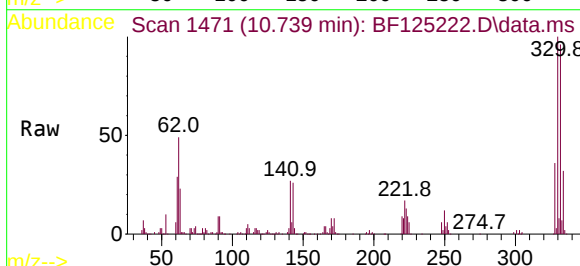
Instrument :
BNA_F
ClientSampleId :

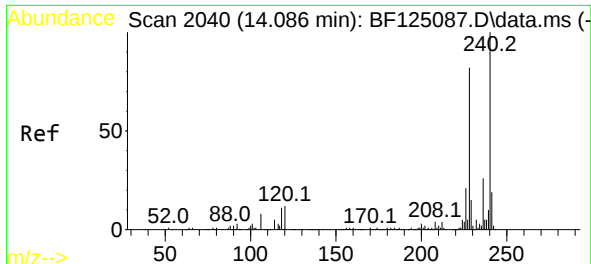
Tgt Ion:188 Resp: 734127
Ion Ratio Lower Upper
188 100
94 9.1 6.7 10.1
80 9.7 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.900 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.241 min
Lab File: BF125222.D
Acq: 26 Aug 2021 12:15

Tgt Ion:248 Resp: 34380
Ion Ratio Lower Upper
248 100
250 182.5 74.2 111.4#
141 430.0 60.4 90.6#

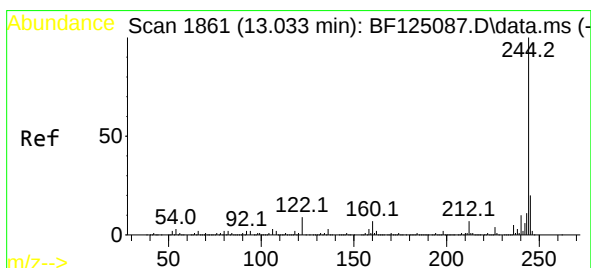
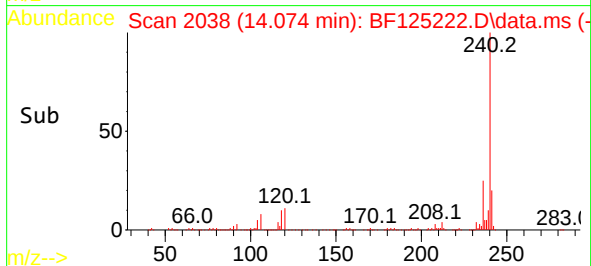
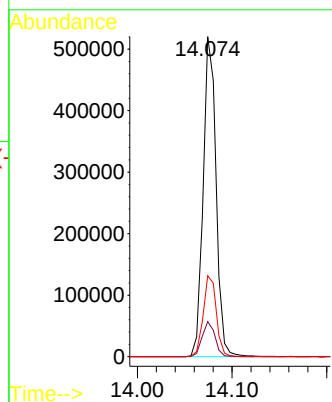
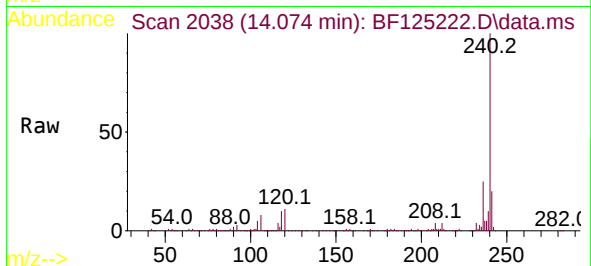




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF125222.D
Acq: 26 Aug 2021 12:15

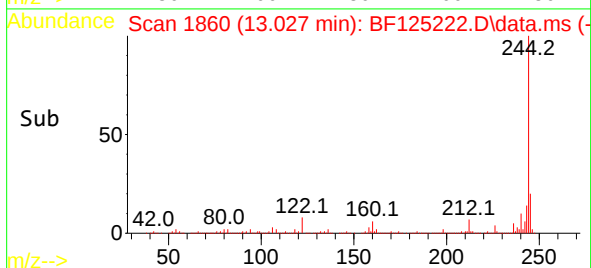
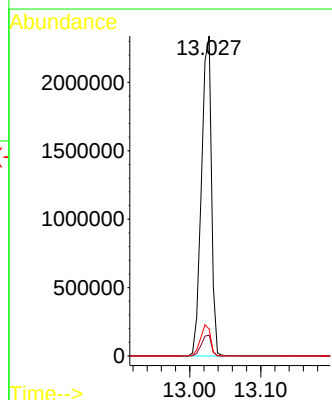
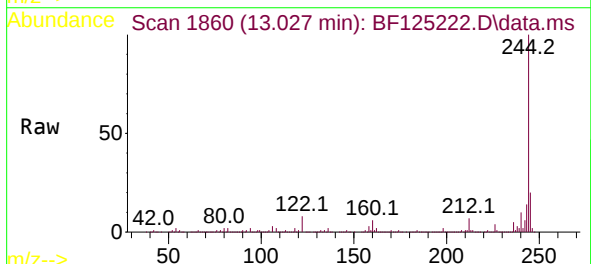
Instrument :
BNA_F
ClientSampleId :

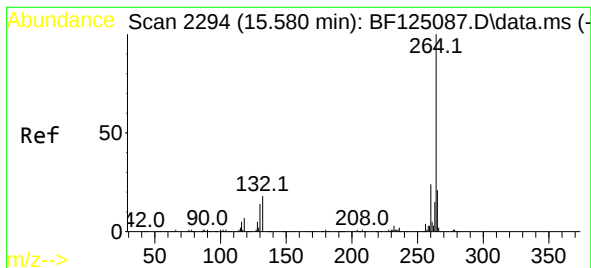
Tgt Ion:240 Resp: 493002
Ion Ratio Lower Upper
240 100
120 10.9 10.8 16.2
236 25.3 21.6 32.4



#79
Terphenyl-d14
Concen: 74.078 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.006 min
Lab File: BF125222.D
Acq: 26 Aug 2021 12:15

Tgt Ion:244 Resp: 2292423
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 8.4 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 2293
 Delta R.T. 0.000 min
 Lab File: BF125222.D
 Acq: 26 Aug 2021 12:15

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:264 Resp: 457521
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.6 29.4
 265 21.7 17.2 25.8

