

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082521\
 Data File : BF125210.D
 Acq On : 25 Aug 2021 15:20
 Operator : JU/CG
 Sample : M3524-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-6D

Quant Time: Aug 25 15:59:00 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)

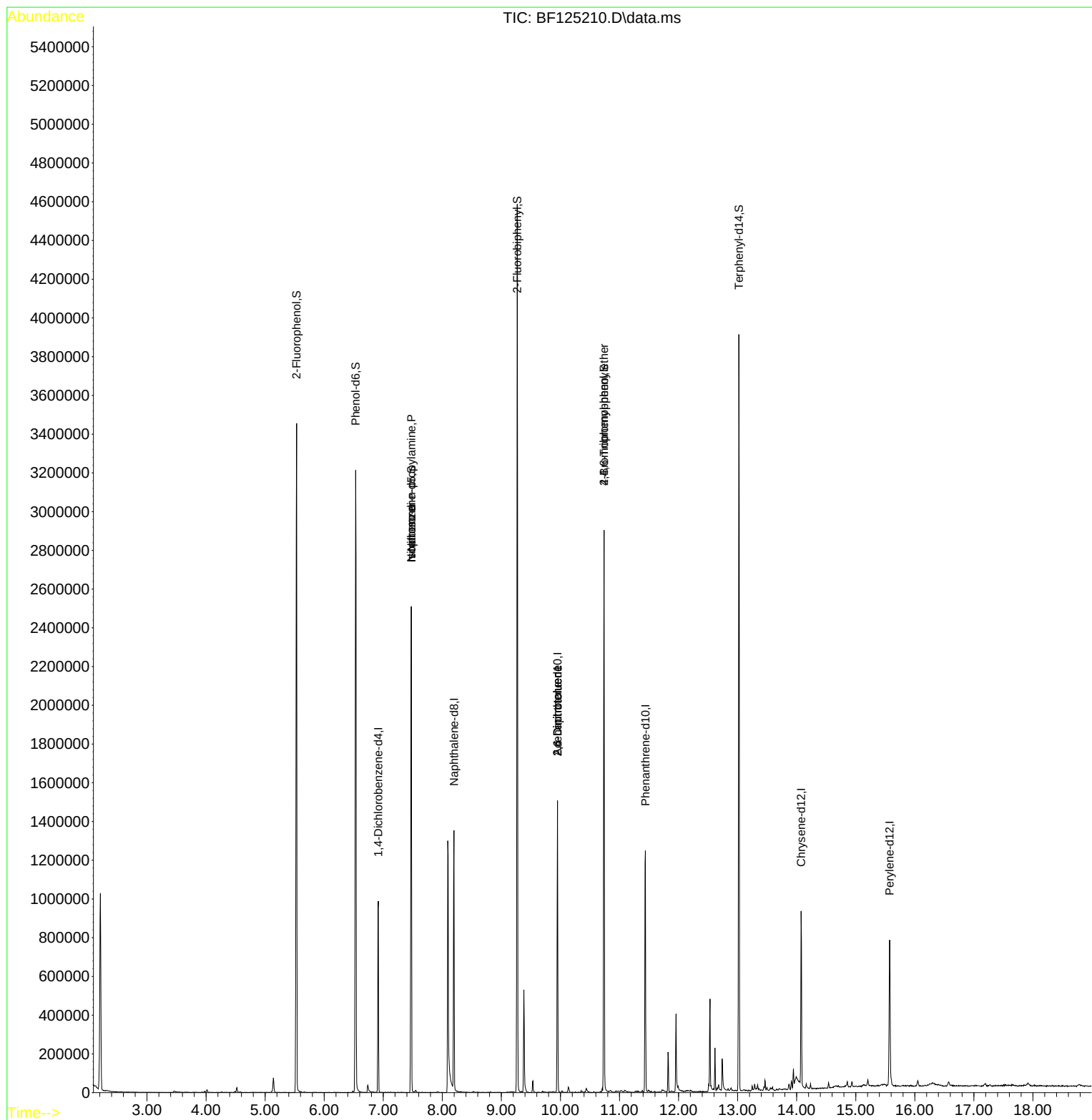
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	141210	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	532275	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	281771	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	480145	20.000	ng	0.00
76) Chrysene-d12	14.074	240	309095	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	340155	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	853736	91.510	ng	0.00
7) Phenol-d6	6.534	99	1087983	90.170	ng	0.00
23) Nitrobenzene-d5	7.475	82	727974	68.854	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	329944	117.305	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1340597	66.310	ng	0.00
79) Terphenyl-d14	13.021	244	1336507	68.884	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	101388	13.970	ng	# 59
25) Isophorone	7.475	82	727969	35.691	ng	# 59
51) 2,6-Dinitrotoluene	9.951	165	35957	8.492	ng	# 27
57) 2,4-Dinitrotoluene	9.951	165	35957	7.017	ng	# 19
67) 4-Bromophenyl-phenylether	10.739	248	21207	3.678	ng	# 1

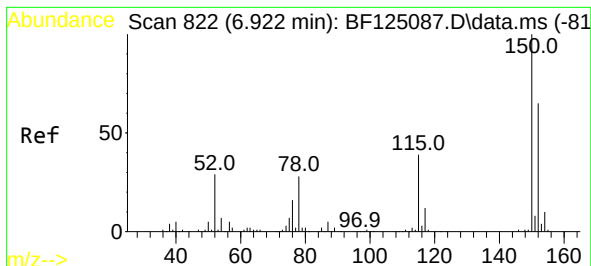
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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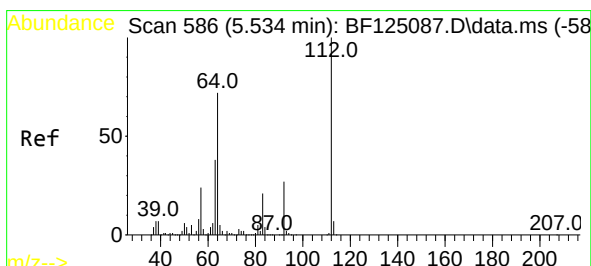
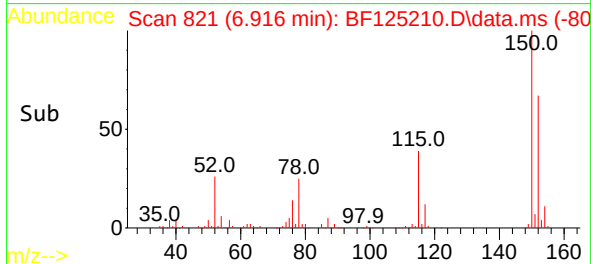
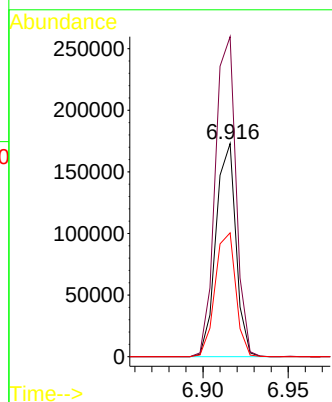
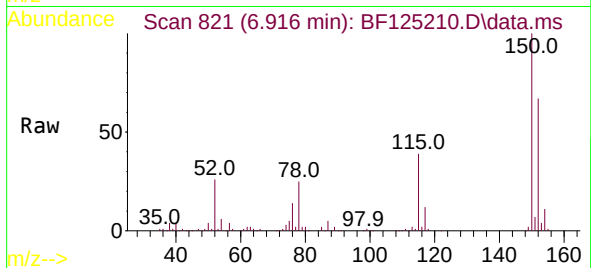




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF125210.D
Acq: 25 Aug 2021 15:20

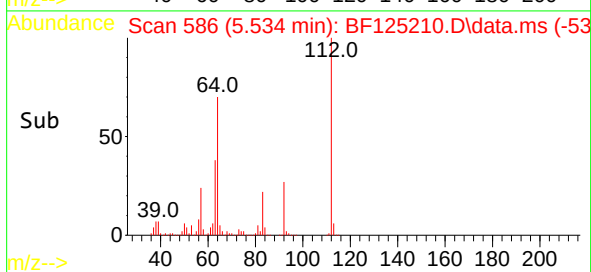
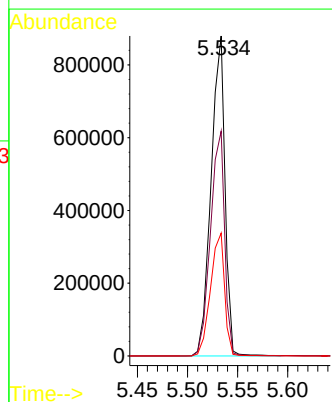
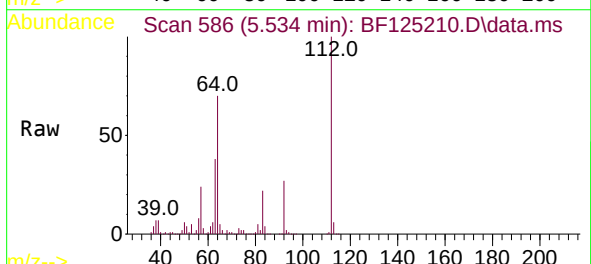
Instrument :
BNA_F
ClientSampleId :
PE-6D

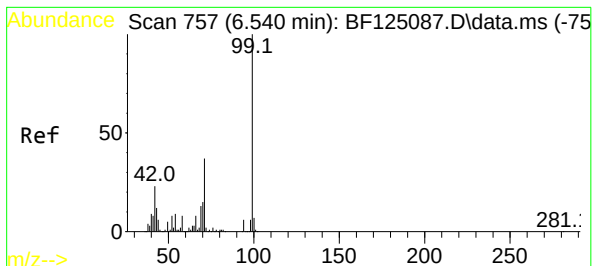
Tgt Ion:152 Resp: 141210
Ion Ratio Lower Upper
152 100
150 150.2 117.6 176.4
115 58.2 47.1 70.7



#5
2-Fluorophenol
Concen: 91.510 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF125210.D
Acq: 25 Aug 2021 15:20

Tgt Ion:112 Resp: 853736
Ion Ratio Lower Upper
112 100
64 70.2 44.2 66.2#
63 38.4 26.2 39.2





#7

Phenol-d6

Concen: 90.170 ng

RT: 6.534 min Scan# 756

Delta R.T. -0.006 min

Lab File: BF125210.D

Acq: 25 Aug 2021 15:20

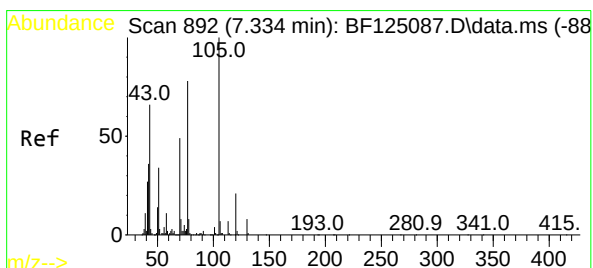
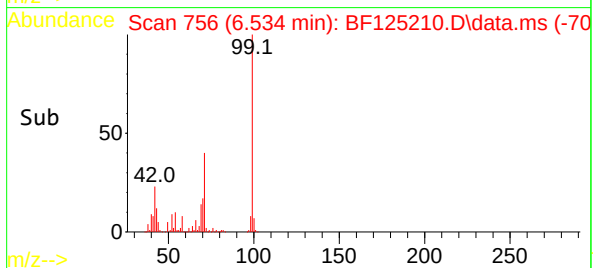
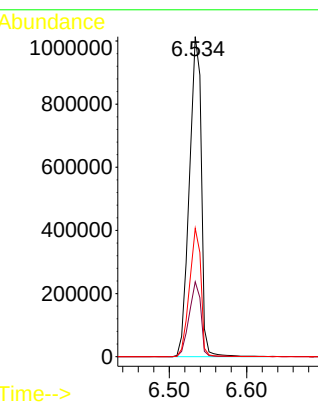
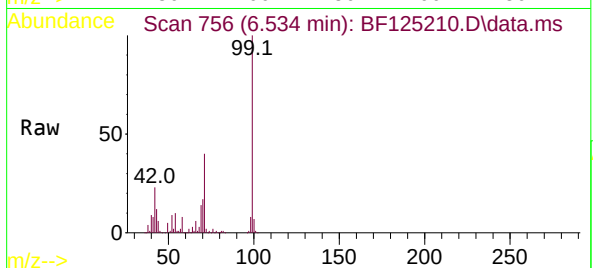
Tgt Ion: 99 Resp: 1087983

Ion Ratio Lower Upper

99 100

42 23.4 23.5 35.3#

71 40.1 25.6 38.4#



#19

n-Nitroso-di-n-propylamine

Concen: 13.970 ng

RT: 7.475 min Scan# 916

Delta R.T. 0.147 min

Lab File: BF125210.D

Acq: 25 Aug 2021 15:20

Tgt Ion: 70 Resp: 101388

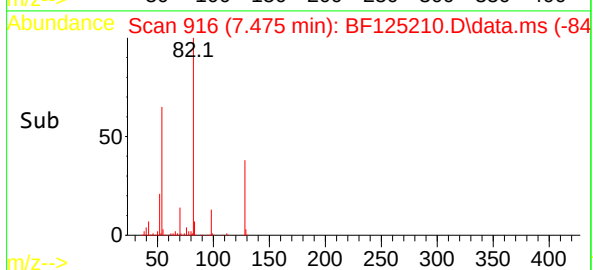
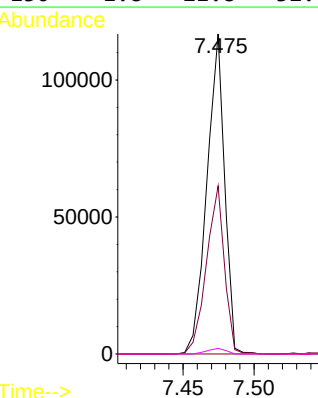
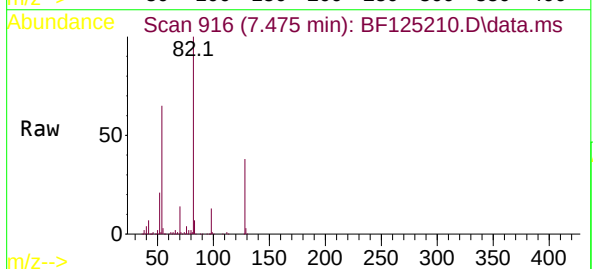
Ion Ratio Lower Upper

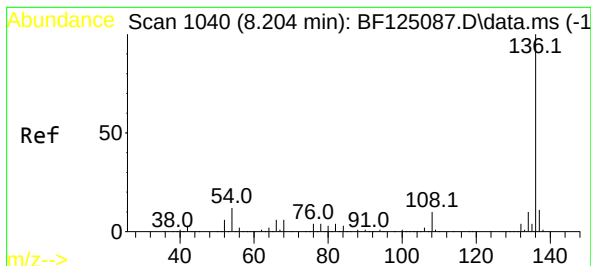
70 100

42 52.5 72.2 108.2#

101 0.0 7.8 11.8#

130 1.8 21.8 32.6#

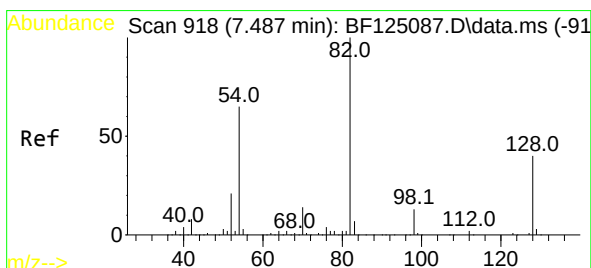
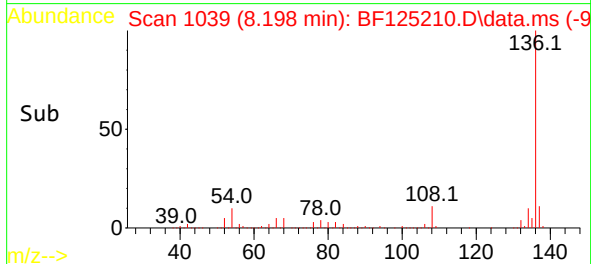
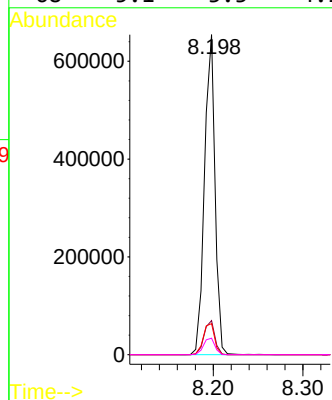
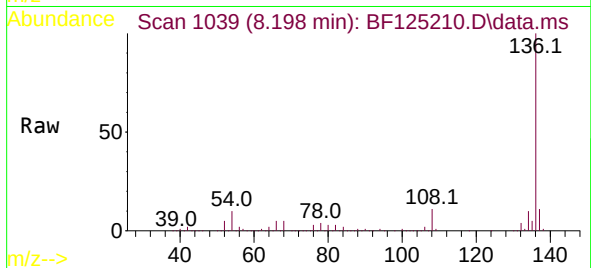




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF125210.D
Acq: 25 Aug 2021 15:20

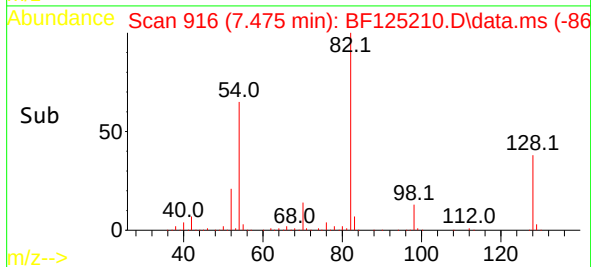
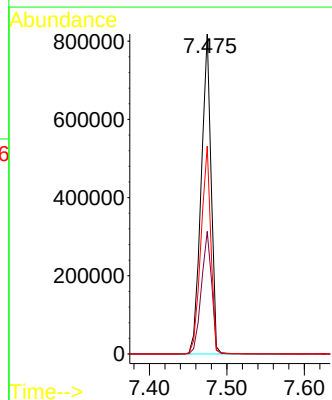
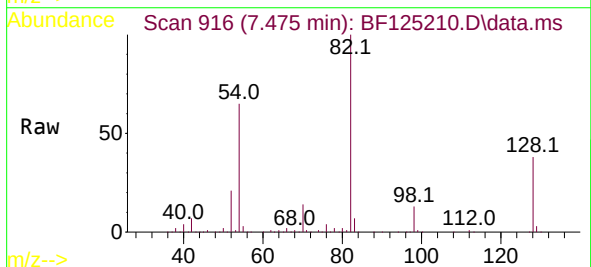
Instrument :
BNA_F
ClientSampleId :
PE-6D

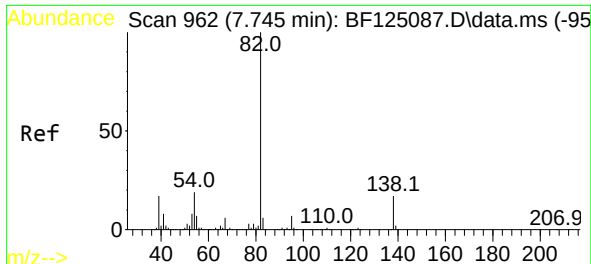
Tgt Ion:136	Resp: 532275
Ion Ratio	Lower Upper
136 100	
137 10.7	9.8 14.6
54 9.7	6.4 9.6#
68 5.1	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 68.854 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125210.D
Acq: 25 Aug 2021 15:20

Tgt Ion: 82	Resp: 727974
Ion Ratio	Lower Upper
82 100	
128 38.3	40.6 60.8#
54 64.9	49.6 74.4

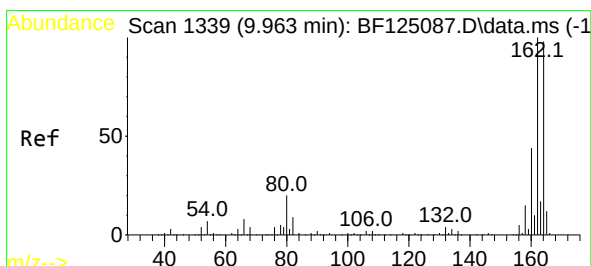
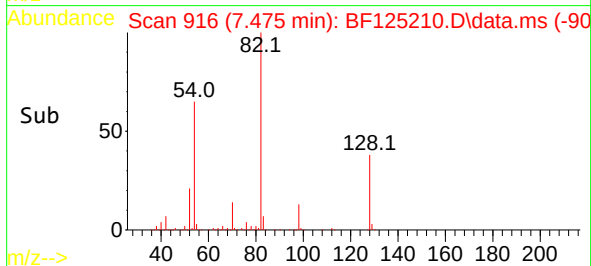
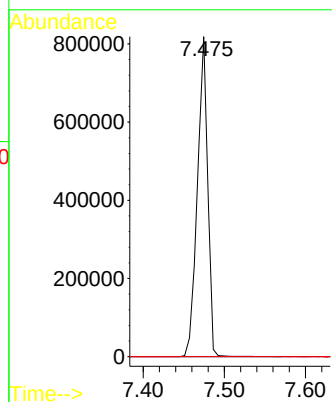
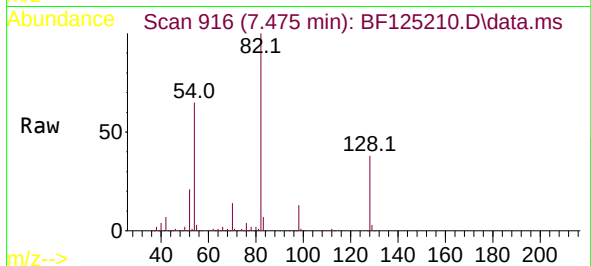




#25
Isophorone
Concen: 35.691 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.259 min
Lab File: BF125210.D
Acq: 25 Aug 2021 15:20

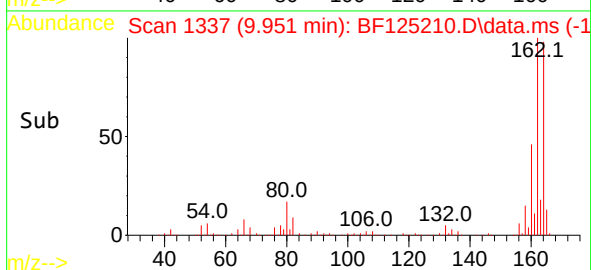
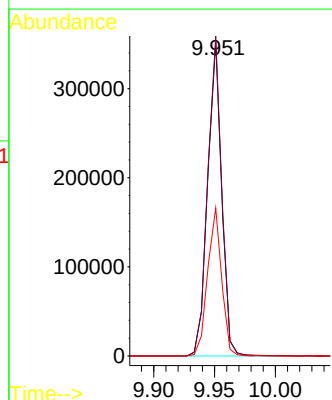
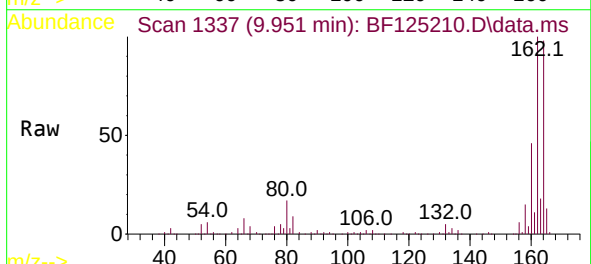
Instrument :
BNA_F
ClientSampleId :
PE-6D

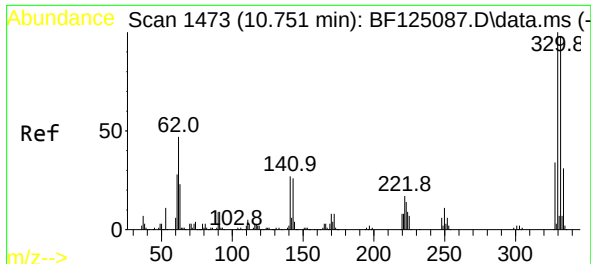
Tgt Ion: 82 Resp: 727969
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BF125210.D
Acq: 25 Aug 2021 15:20

Tgt Ion: 164 Resp: 281771
Ion Ratio Lower Upper
164 100
162 101.8 81.3 121.9
160 47.1 38.0 57.0

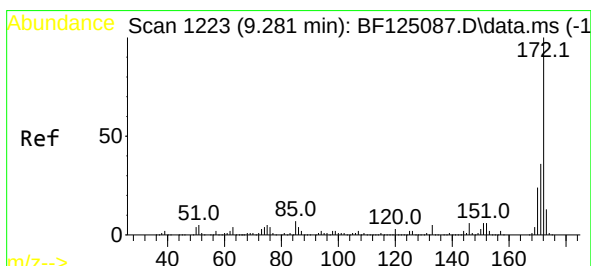
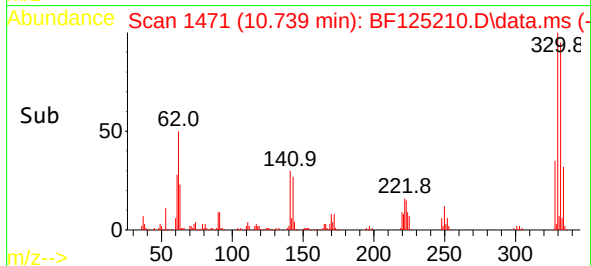
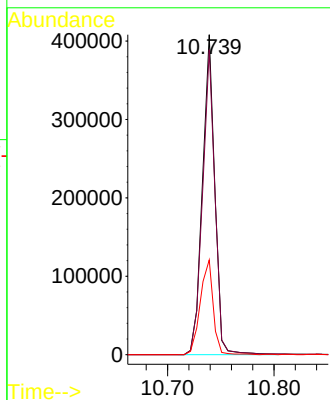
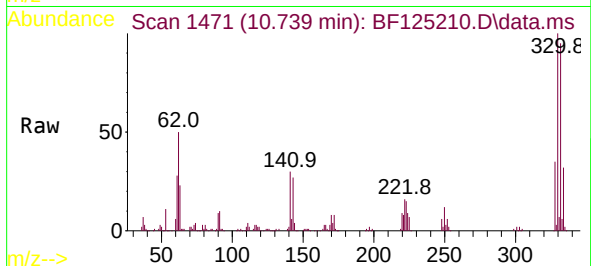




#42
2,4,6-Tribromophenol
Concen: 117.305 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.000 min
Lab File: BF125210.D
Acq: 25 Aug 2021 15:20

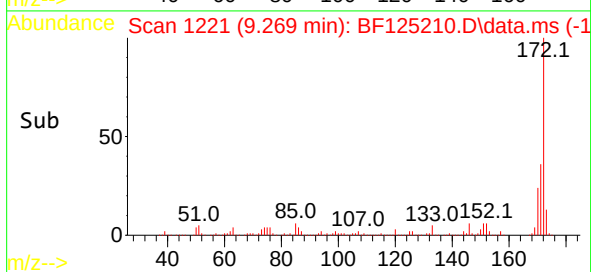
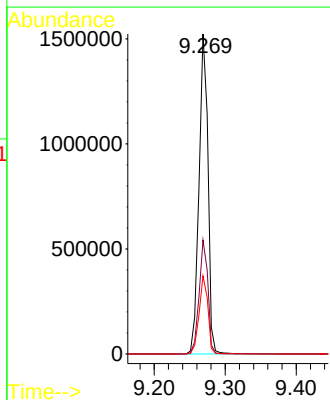
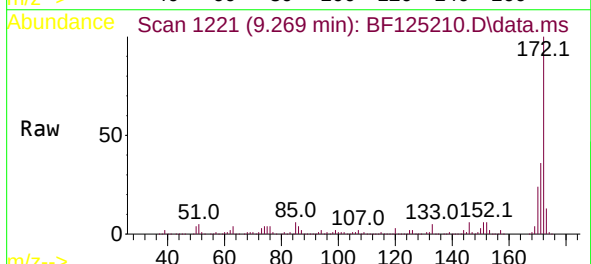
Instrument :
BNA_F
ClientSampled :
PE-6D

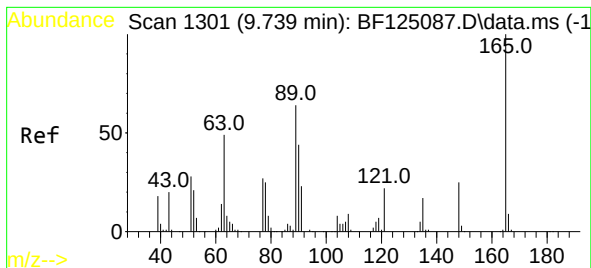
Tgt Ion:330 Resp: 329944
Ion Ratio Lower Upper
330 100
332 96.1 76.2 114.4
141 31.0 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 66.310 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125210.D
Acq: 25 Aug 2021 15:20

Tgt Ion:172 Resp: 1340597
Ion Ratio Lower Upper
172 100
171 35.6 26.5 39.7
170 24.4 18.8 28.2

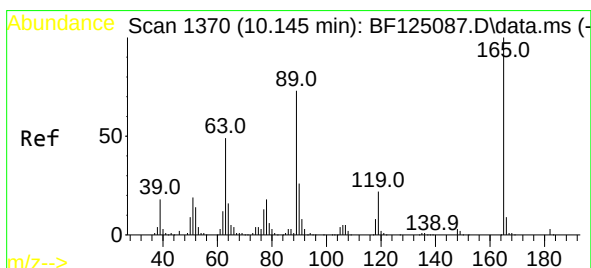
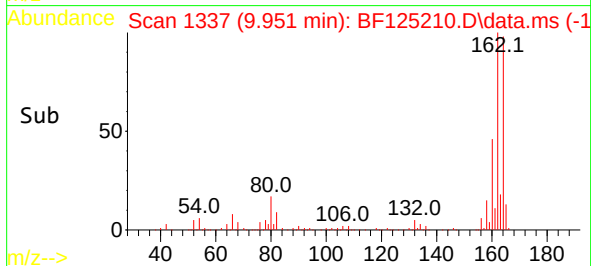
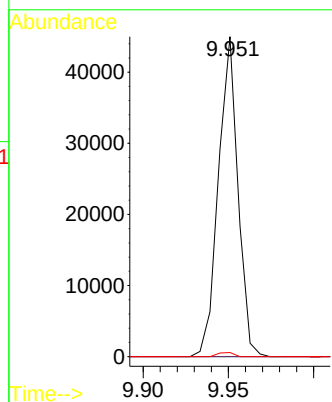
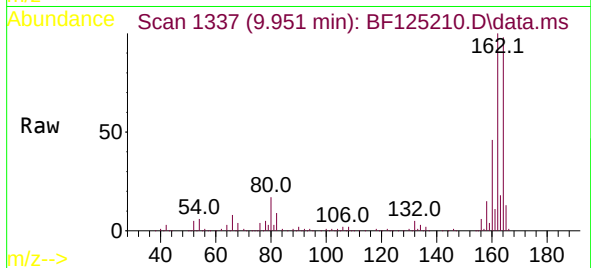




#51
2,6-Dinitrotoluene
Concen: 8.492 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.218 min
Lab File: BF125210.D
Acq: 25 Aug 2021 15:20

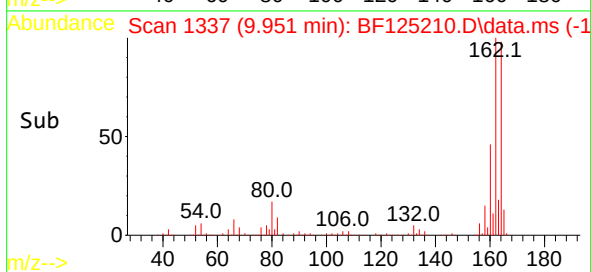
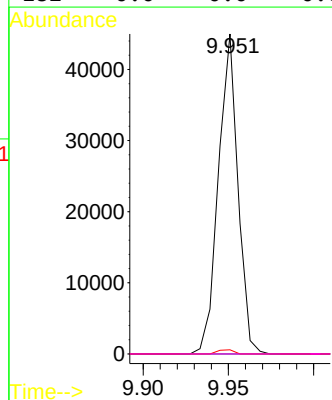
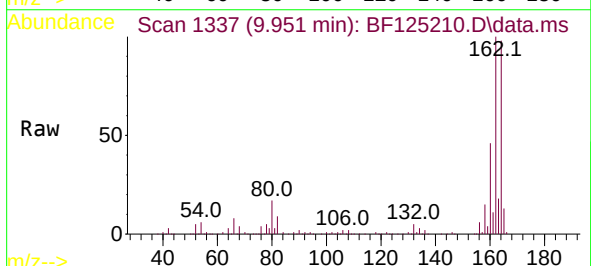
Instrument :
BNA_F
ClientSampleId :
PE-6D

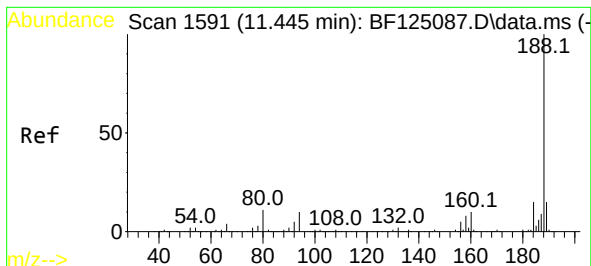
Tgt Ion:165 Resp: 35957
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 1.3 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.017 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.182 min
Lab File: BF125210.D
Acq: 25 Aug 2021 15:20

Tgt Ion:165 Resp: 35957
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 1.3 59.7 89.5#
182 0.0 0.0 0.0

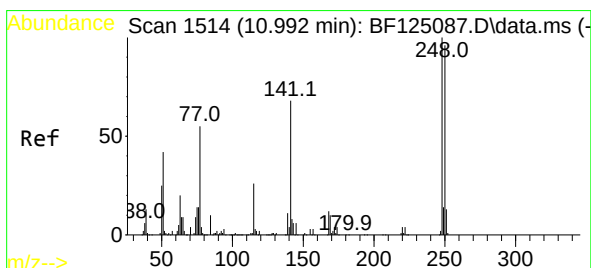
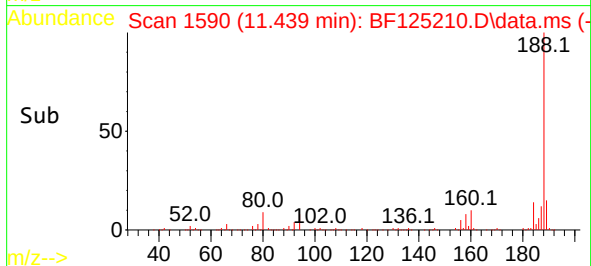
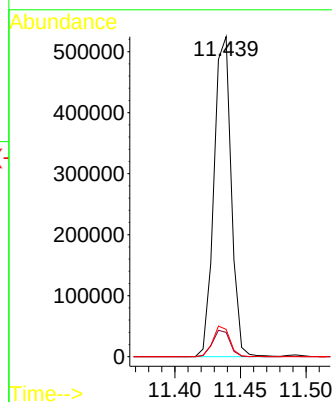
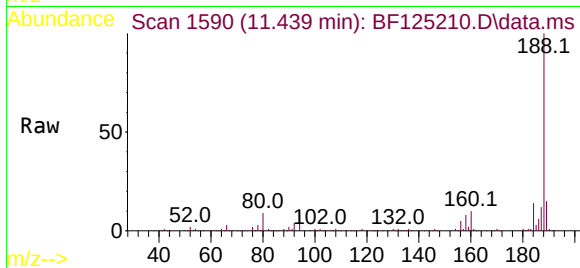




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF125210.D
Acq: 25 Aug 2021 15:20

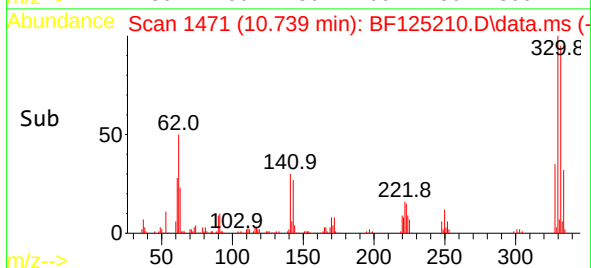
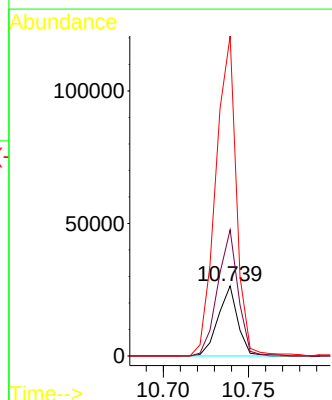
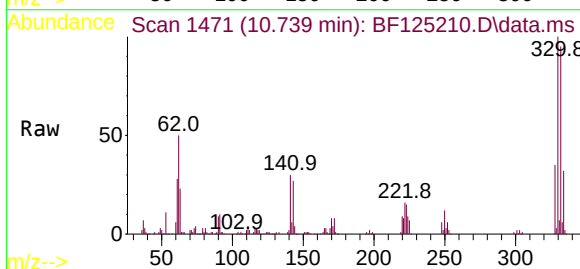
Instrument :
BNA_F
ClientSampled :
PE-6D

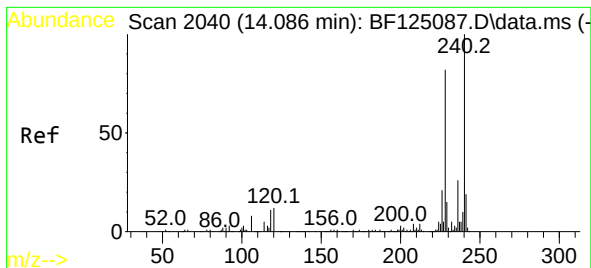
Tgt Ion:188 Resp: 480145
Ion Ratio Lower Upper
188 100
94 7.6 6.7 10.1
80 8.6 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.678 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.241 min
Lab File: BF125210.D
Acq: 25 Aug 2021 15:20

Tgt Ion:248 Resp: 21207
Ion Ratio Lower Upper
248 100
250 180.0 74.2 111.4#
141 456.4 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: BF125210.D

Acq: 25 Aug 2021 15:20

Instrument :

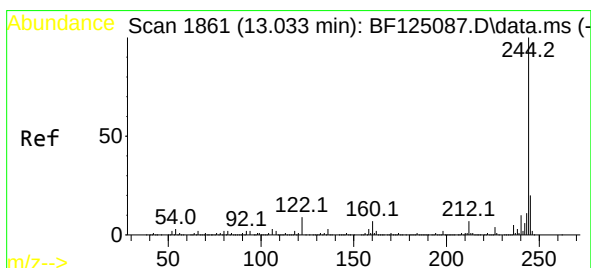
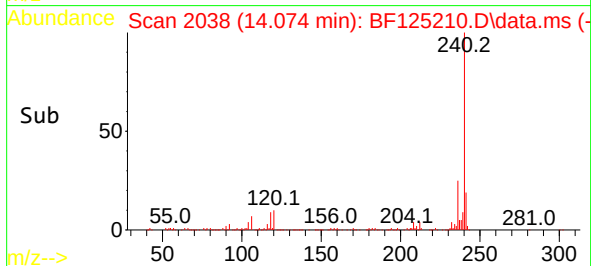
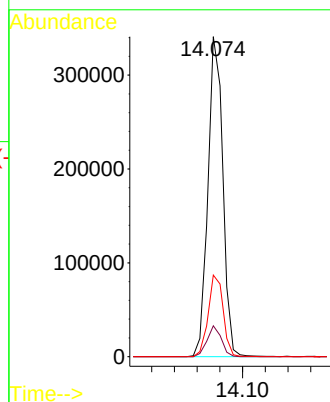
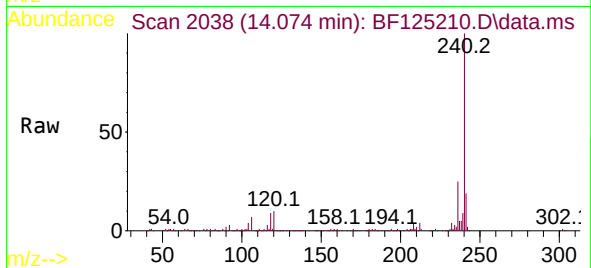
BNA_F

ClientSampleId :

PE-6D

Tgt Ion:240 Resp: 309095

Ion	Ratio	Lower	Upper
240	100		
120	9.7	10.8	16.2#
236	25.5	21.6	32.4



#79

Terphenyl-d14

Concen: 68.884 ng

RT: 13.021 min Scan# 1859

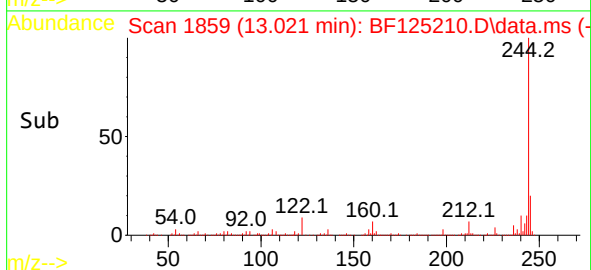
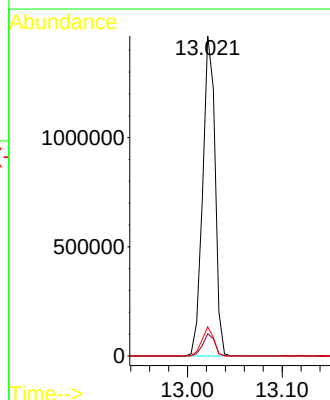
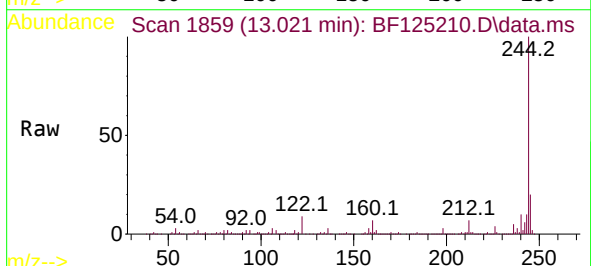
Delta R.T. -0.000 min

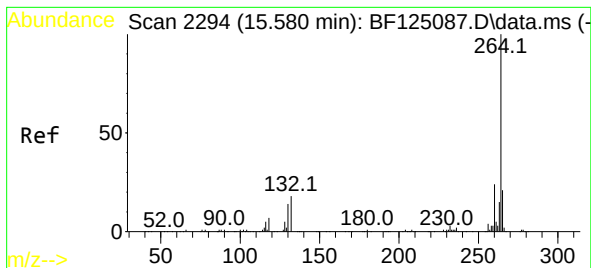
Lab File: BF125210.D

Acq: 25 Aug 2021 15:20

Tgt Ion:244 Resp: 1336507

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.9	8.9
122	9.1	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: BF125210.D
 Acq: 25 Aug 2021 15:20

Instrument :
 BNA_F
 ClientSampleId :
 PE-6D

Tgt Ion:264 Resp: 340155
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.6 29.4
 265 20.6 17.2 25.8

