

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090221\
 Data File : BF125320.D
 Acq On : 2 Sep 2021 14:42
 Operator : JU/CG
 Sample : PB138866BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB138866BL

Quant Time: Sep 02 15:49:35 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)

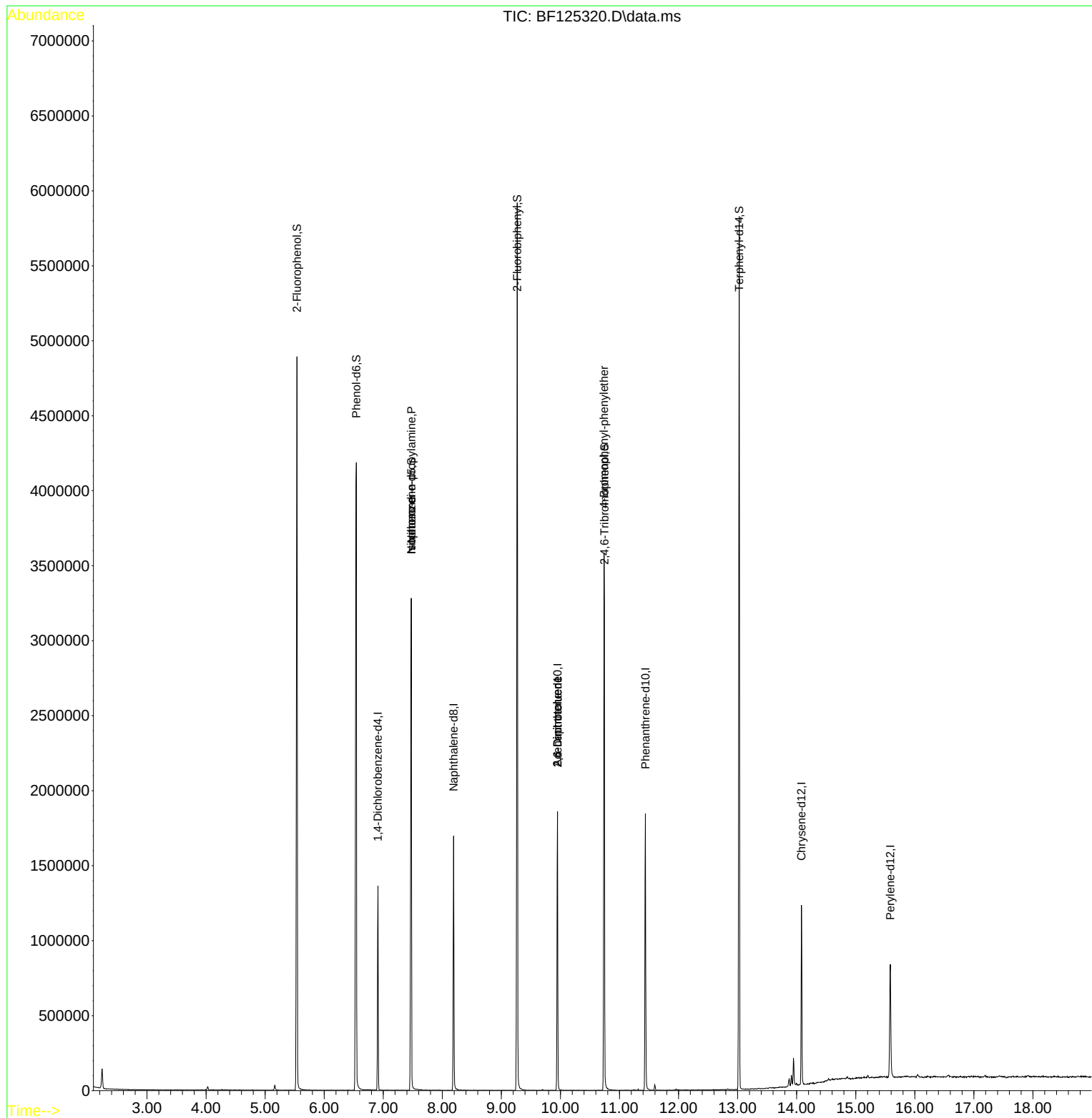
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	185094	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	732076	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	386418	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	696478	20.000	ng	0.00
76) Chrysene-d12	14.080	240	411766	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	368961	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1334075	109.093	ng	0.01
7) Phenol-d6	6.545	99	1681214	106.301	ng	0.00
23) Nitrobenzene-d5	7.475	82	1120230	77.037	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	504528	130.798	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1960881	70.725	ng	0.00
79) Terphenyl-d14	13.027	244	2101327	81.299	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.475	70	152095	15.988	ng	# 57
25) Isophorone	7.475	82	1120221	39.933	ng	# 59
51) 2,6-Dinitrotoluene	9.951	165	48792	8.403	ng	# 27
57) 2,4-Dinitrotoluene	9.951	165	48792	6.943	ng	# 19
67) 4-Bromophenyl-phenylether	10.739	248	31238	3.735	ng	# 1

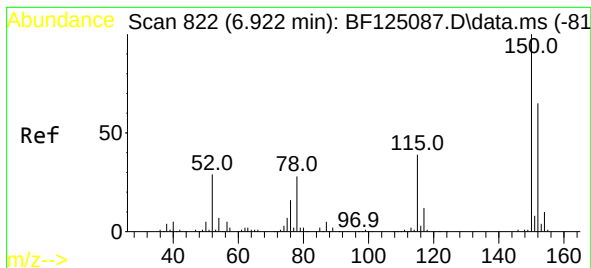
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 12:39:21 2021
Response via : Initial Calibration

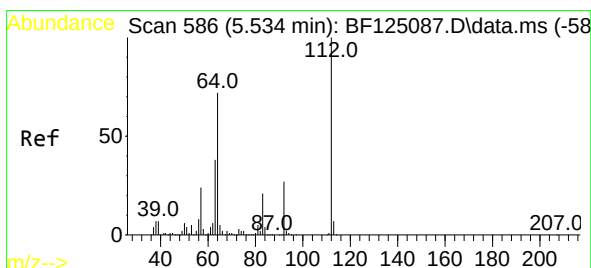
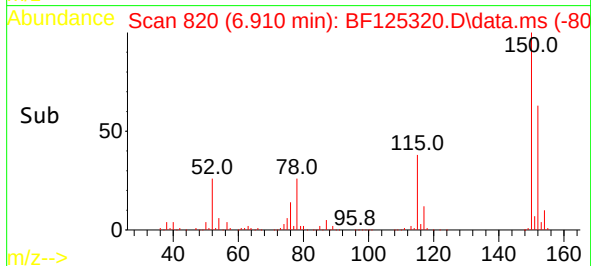
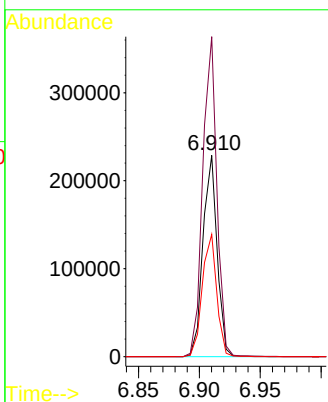
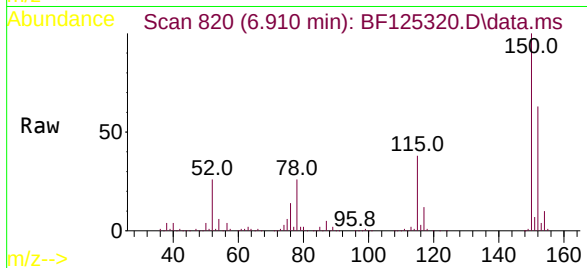




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF125320.D
Acq: 2 Sep 2021 14:42

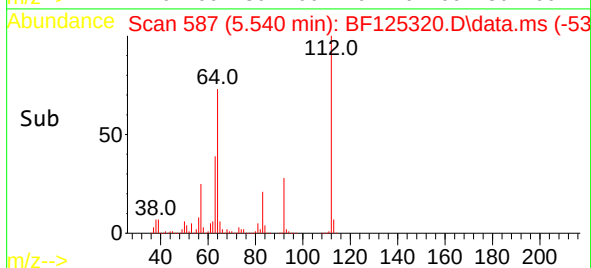
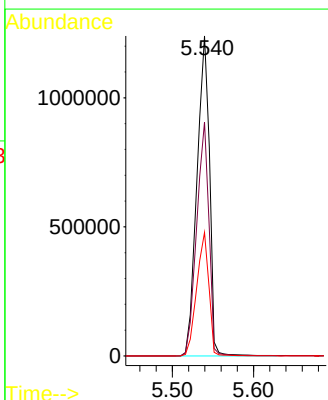
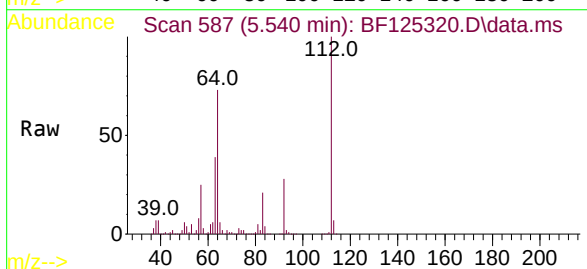
Instrument :
BNA_F
ClientSampleId :
PB138866BL

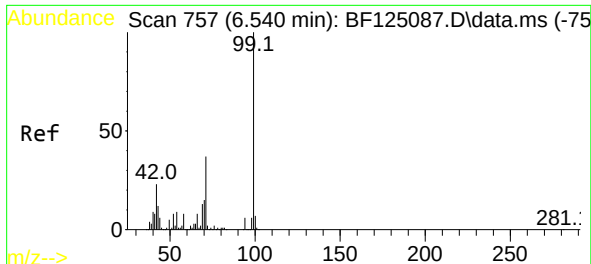
Tgt Ion:152 Resp: 185094
Ion Ratio Lower Upper
152 100
150 158.9 117.6 176.4
115 60.7 47.1 70.7



#5
2-Fluorophenol
Concen: 109.093 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.012 min
Lab File: BF125320.D
Acq: 2 Sep 2021 14:42

Tgt Ion:112 Resp: 1334075
Ion Ratio Lower Upper
112 100
64 73.1 44.2 66.2#
63 38.6 26.2 39.2

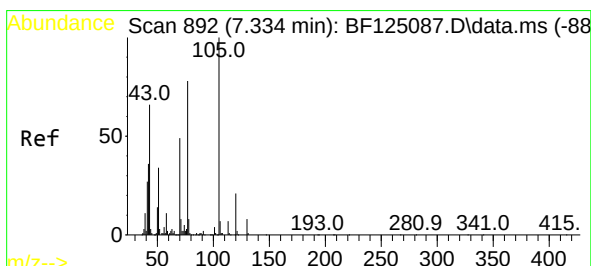
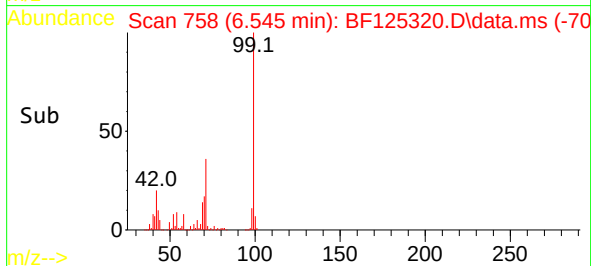
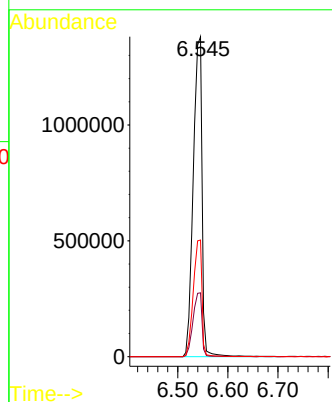
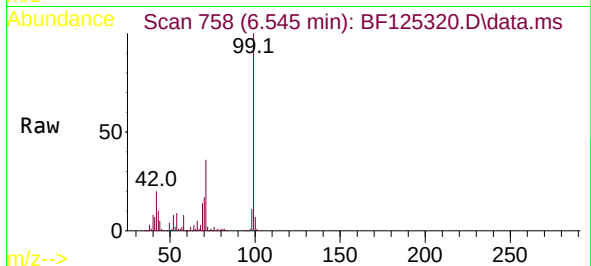




#7
Phenol-d6
Concen: 106.301 ng
RT: 6.545 min Scan# 758
Delta R.T. 0.006 min
Lab File: BF125320.D
Acq: 2 Sep 2021 14:42

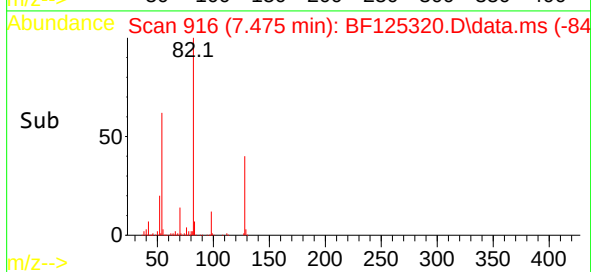
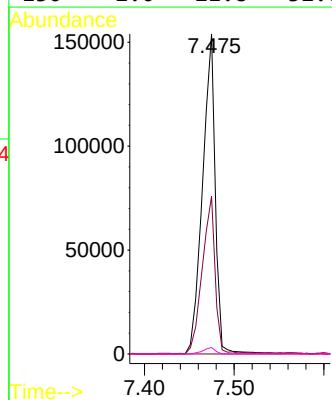
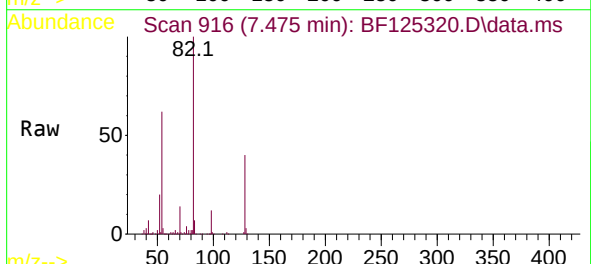
Instrument :
BNA_F
ClientSampleId :
PB138866BL

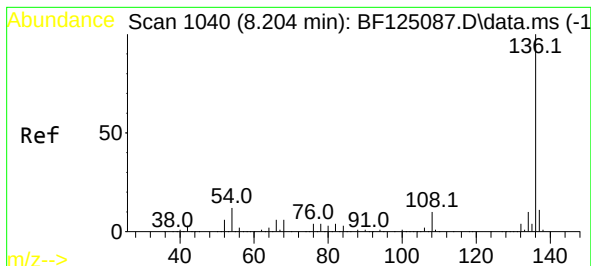
Tgt Ion: 99 Resp: 1681214
Ion Ratio Lower Upper
99 100
42 20.0 23.5 35.3#
71 36.5 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.988 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF125320.D
Acq: 2 Sep 2021 14:42

Tgt Ion: 70 Resp: 152095
Ion Ratio Lower Upper
70 100
42 49.2 72.2 108.2#
101 0.0 7.8 11.8#
130 2.0 21.8 32.6#

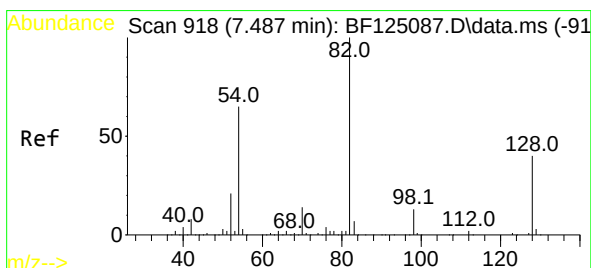
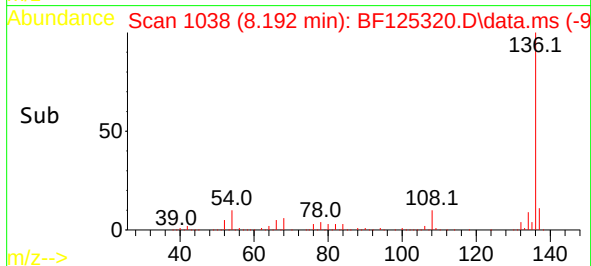
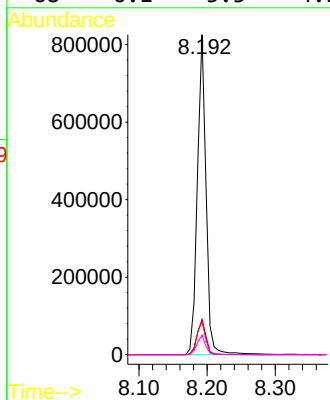
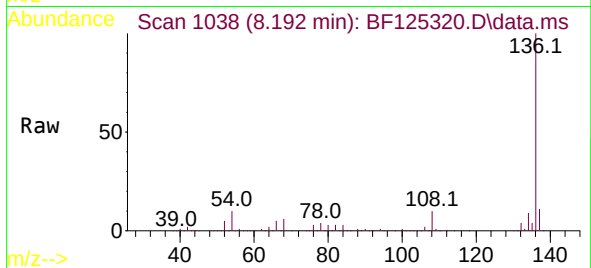




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF125320.D
Acq: 2 Sep 2021 14:42

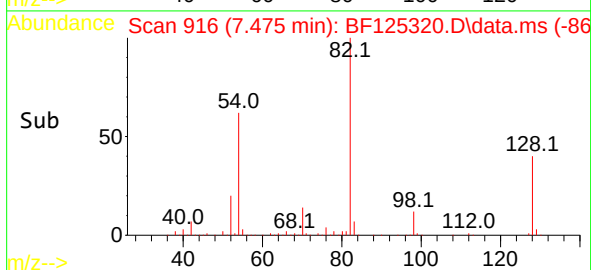
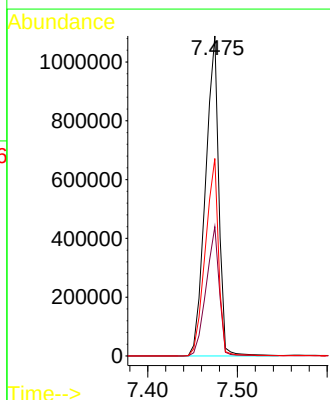
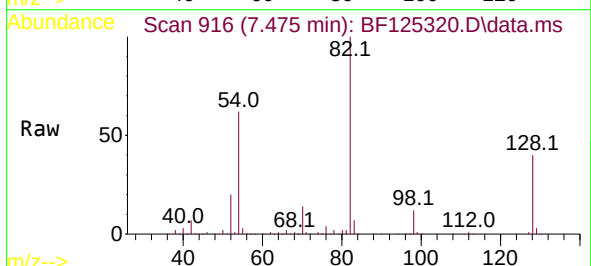
Instrument :
BNA_F
ClientSampleId :
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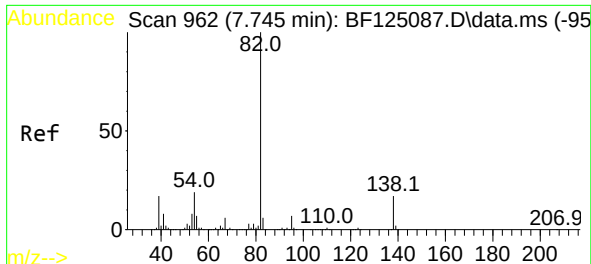
Tgt Ion:136 Resp: 732076
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.6
54 10.4 6.4 9.6#
68 6.1 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 77.037 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125320.D
Acq: 2 Sep 2021 14:42

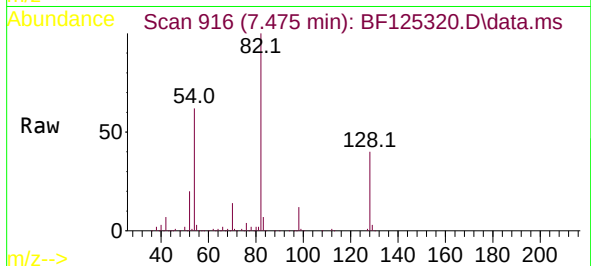
Tgt Ion: 82 Resp: 1120230
Ion Ratio Lower Upper
82 100
128 40.4 40.6 60.8#
54 61.7 49.6 74.4



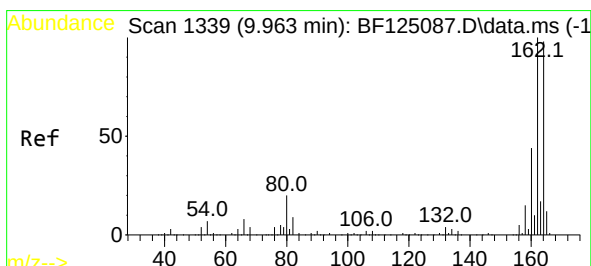
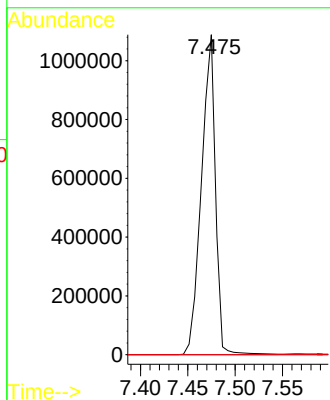
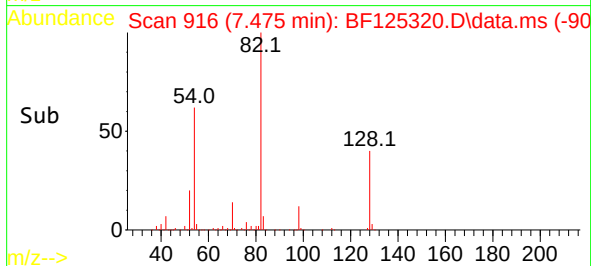


#25
Isophorone
Concen: 39.933 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.259 min
Lab File: BF125320.D
Acq: 2 Sep 2021 14:42

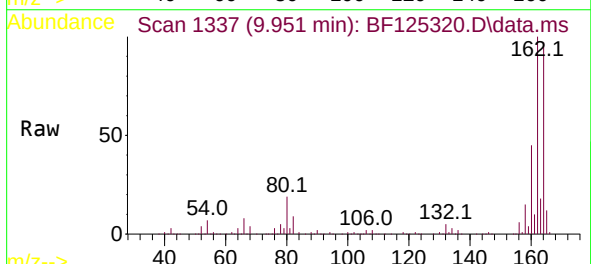
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BNA_F
ClientSampleId :
PB138866BL



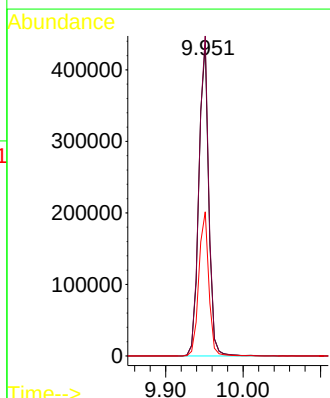
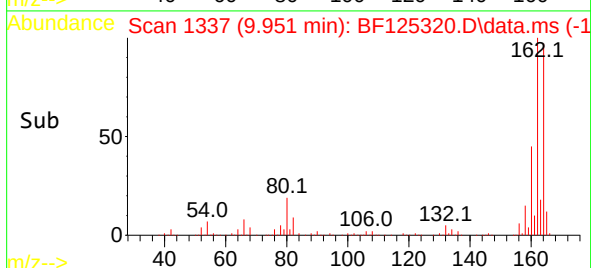
Tgt Ion: 82 Resp: 1120221
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

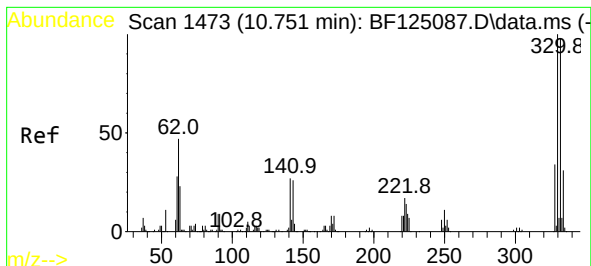


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF125320.D
Acq: 2 Sep 2021 14:42



Tgt Ion: 164 Resp: 386418
Ion Ratio Lower Upper
164 100
162 102.8 81.3 121.9
160 46.3 38.0 57.0

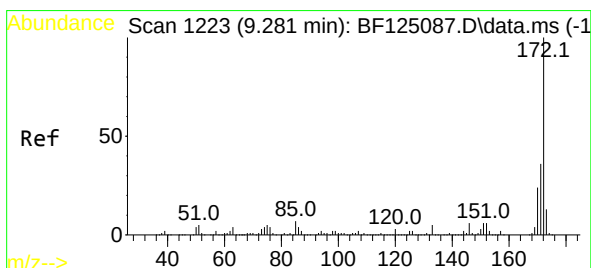
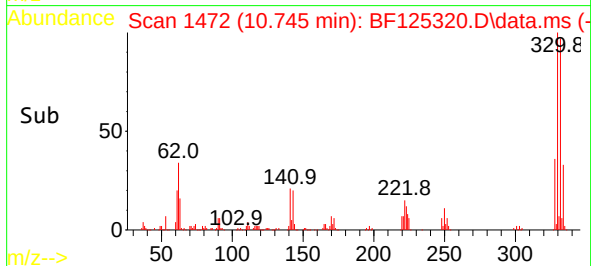
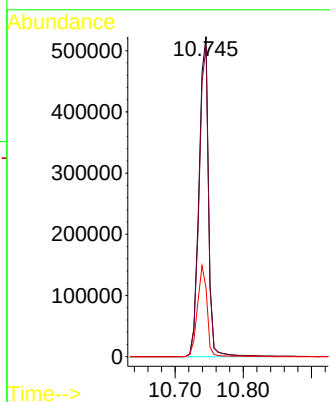
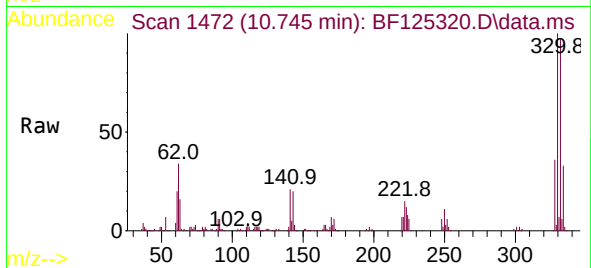




#42
2,4,6-Tribromophenol
Concen: 130.798 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.006 min
Lab File: BF125320.D
Acq: 2 Sep 2021 14:42

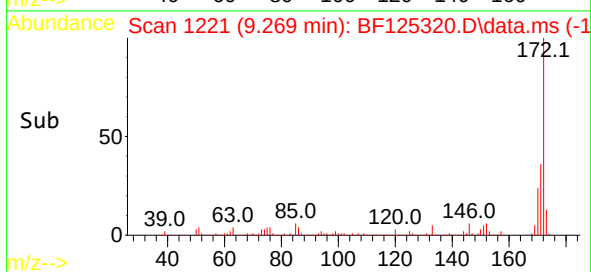
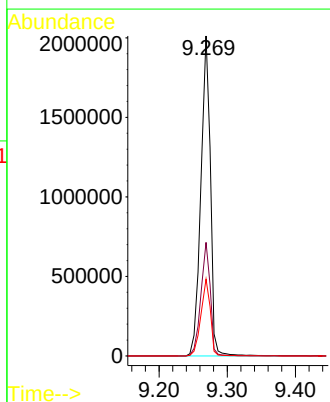
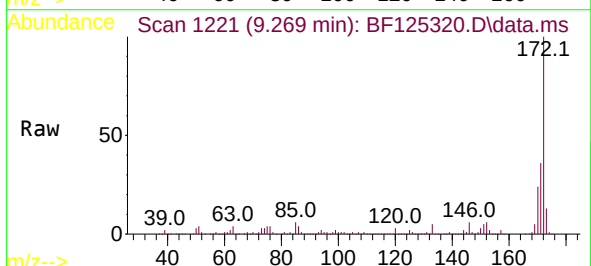
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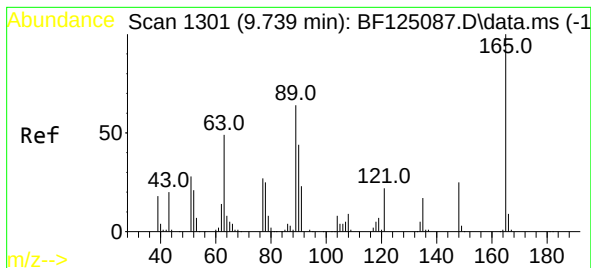
Tgt Ion:330 Resp: 504528
Ion Ratio Lower Upper
330 100
332 96.2 76.2 114.4
141 28.7 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 70.725 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125320.D
Acq: 2 Sep 2021 14:42

Tgt Ion:172 Resp: 1960881
Ion Ratio Lower Upper
172 100
171 35.5 26.5 39.7
170 24.0 18.8 28.2

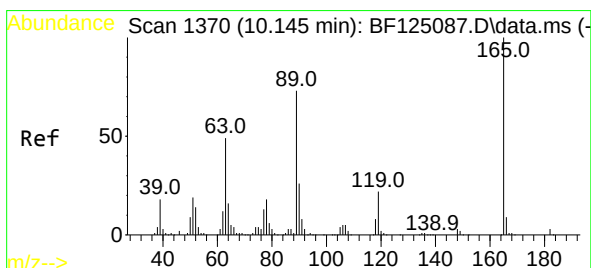
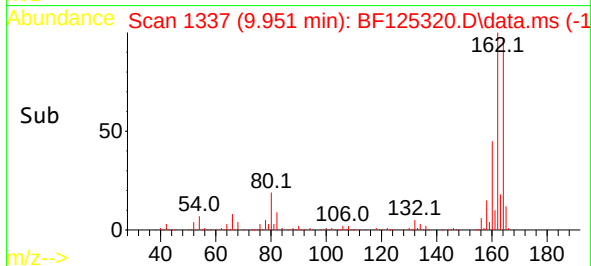
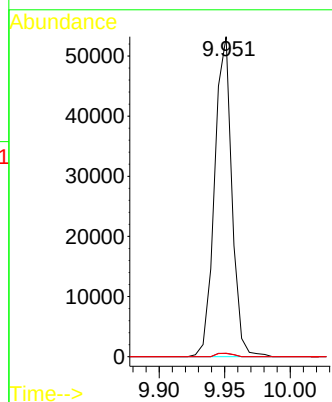
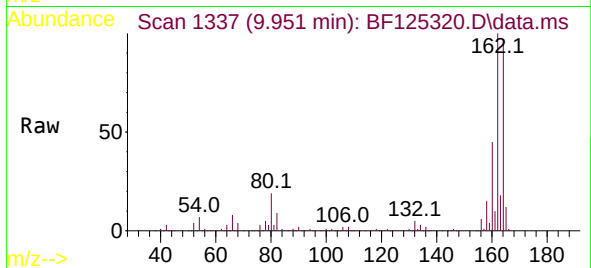




#51
2,6-Dinitrotoluene
Concen: 8.403 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.218 min
Lab File: BF125320.D
Acq: 2 Sep 2021 14:42

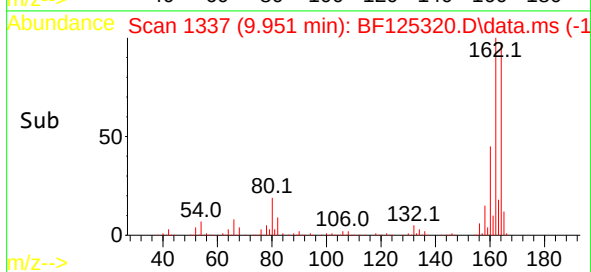
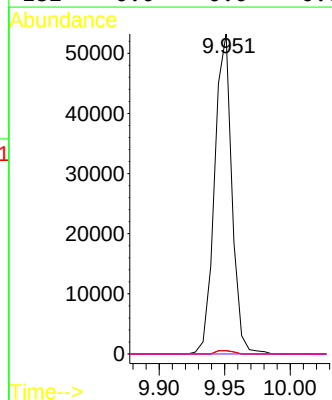
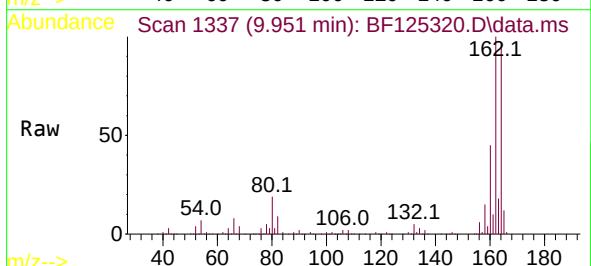
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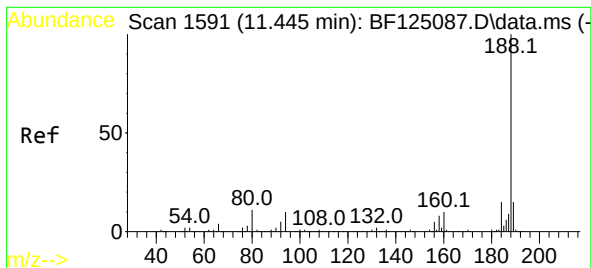
Tgt Ion:165 Resp: 48792
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.1 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.943 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.182 min
Lab File: BF125320.D
Acq: 2 Sep 2021 14:42

Tgt Ion:165 Resp: 48792
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0

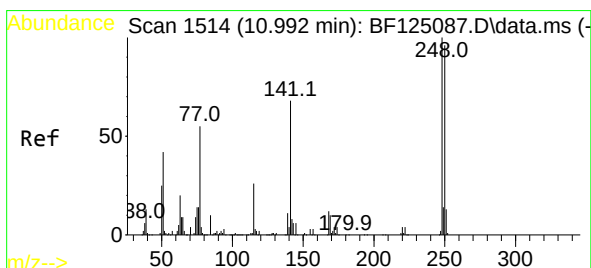
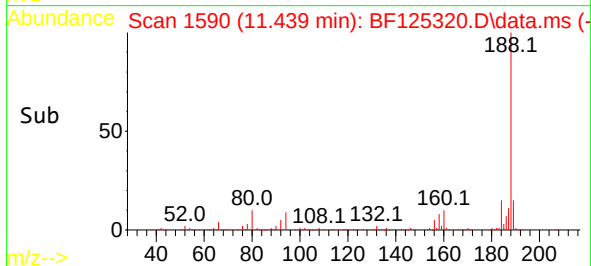
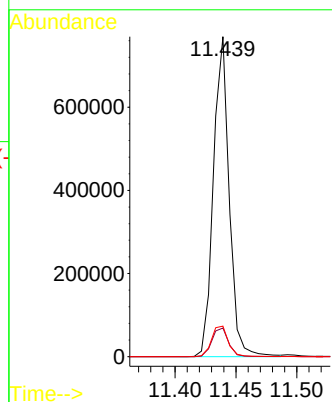
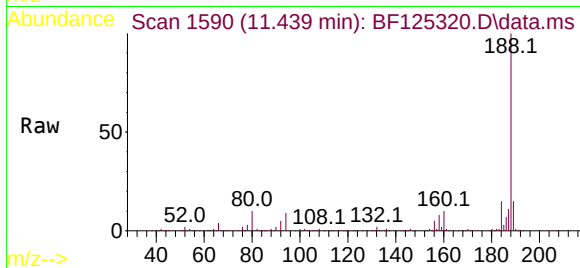




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF125320.D
Acq: 2 Sep 2021 14:42

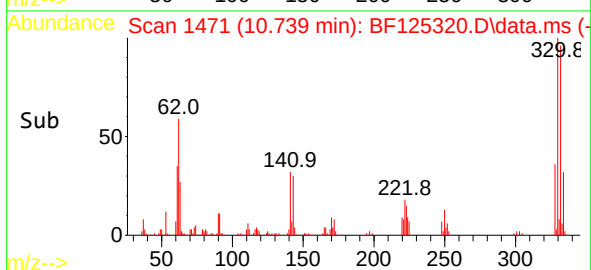
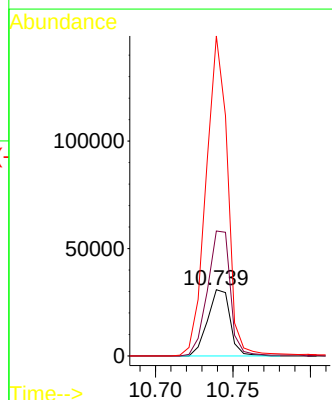
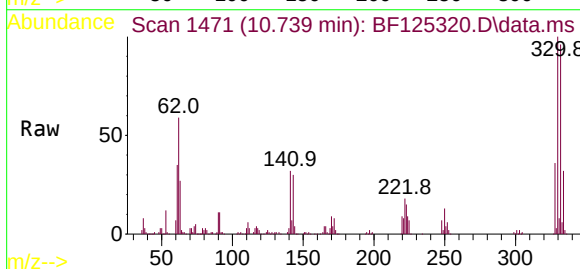
Instrument :
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PB138866BL

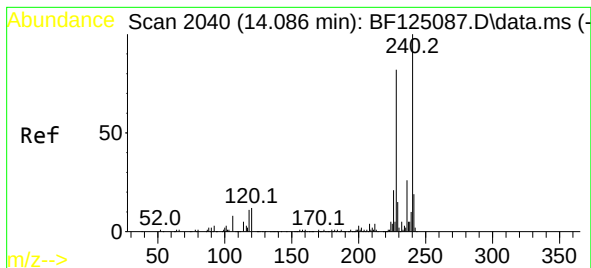
Tgt Ion:188 Resp: 696478
Ion Ratio Lower Upper
188 100
94 9.0 6.7 10.1
80 9.5 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.735 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.241 min
Lab File: BF125320.D
Acq: 2 Sep 2021 14:42

Tgt Ion:248 Resp: 31238
Ion Ratio Lower Upper
248 100
250 188.6 74.2 111.4#
141 483.0 60.4 90.6#

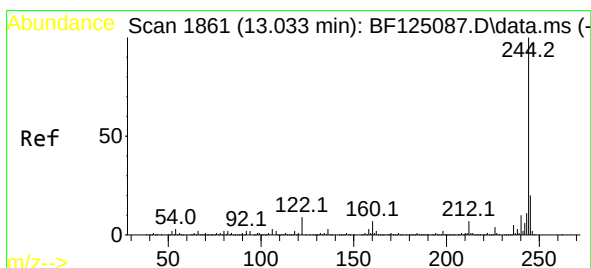
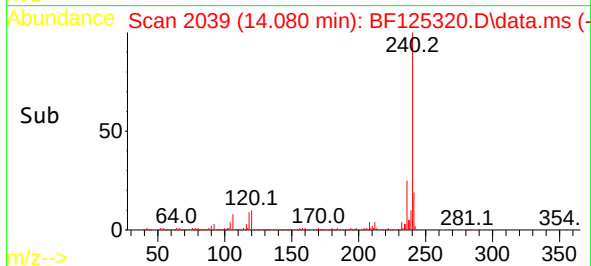
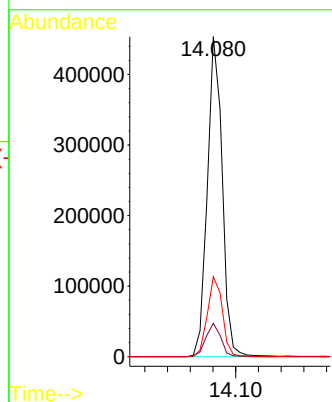
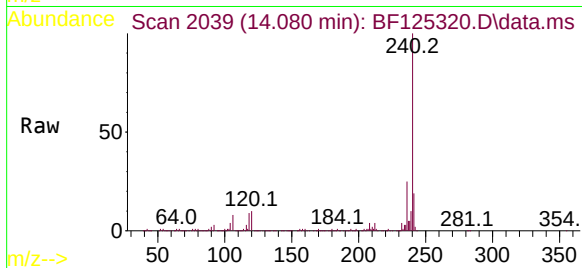




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF125320.D
Acq: 2 Sep 2021 14:42

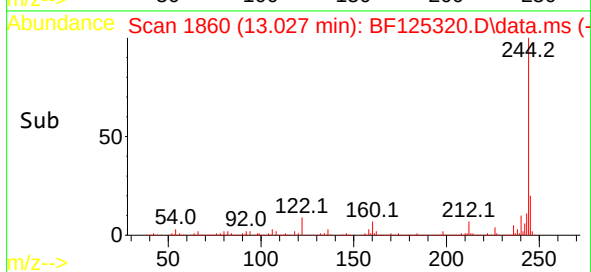
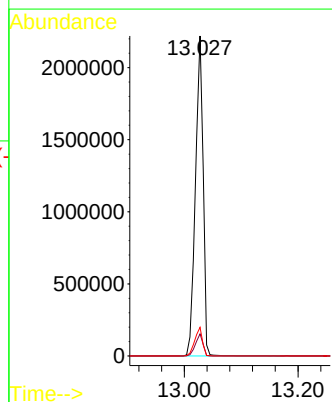
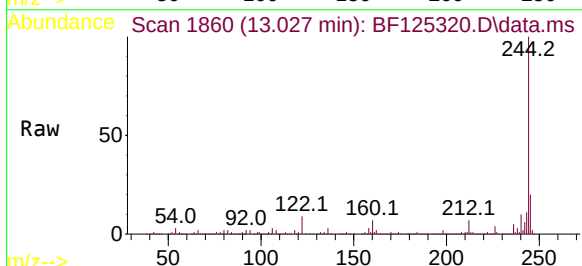
Instrument :
BNA_F
ClientSampleId :
PB138866BL

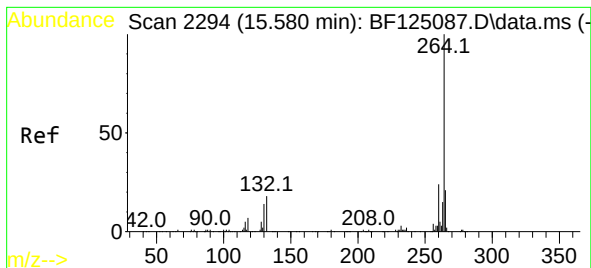
Tgt Ion:240 Resp: 411766
Ion Ratio Lower Upper
240 100
120 10.4 10.8 16.2#
236 25.0 21.6 32.4



#79
Terphenyl-d14
Concen: 81.299 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.006 min
Lab File: BF125320.D
Acq: 2 Sep 2021 14:42

Tgt Ion:244 Resp: 2101327
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 9.0 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2295
 Delta R.T. 0.012 min
 Lab File: BF125320.D
 Acq: 2 Sep 2021 14:42

Instrument :
 BNA_F
 ClientSampleId :
 PB138866BL

Tgt Ion:264 Resp: 368961
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.6 29.4
 265 21.6 17.2 25.8

