

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090921\
 Data File : BF125410.D
 Acq On : 9 Sep 2021 13:46
 Operator : JU/CG
 Sample : M3681-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BS-STOCK

Quant Time: Sep 09 14:52:03 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 08 14:14:01 2021
 Response via : Initial Calibration

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

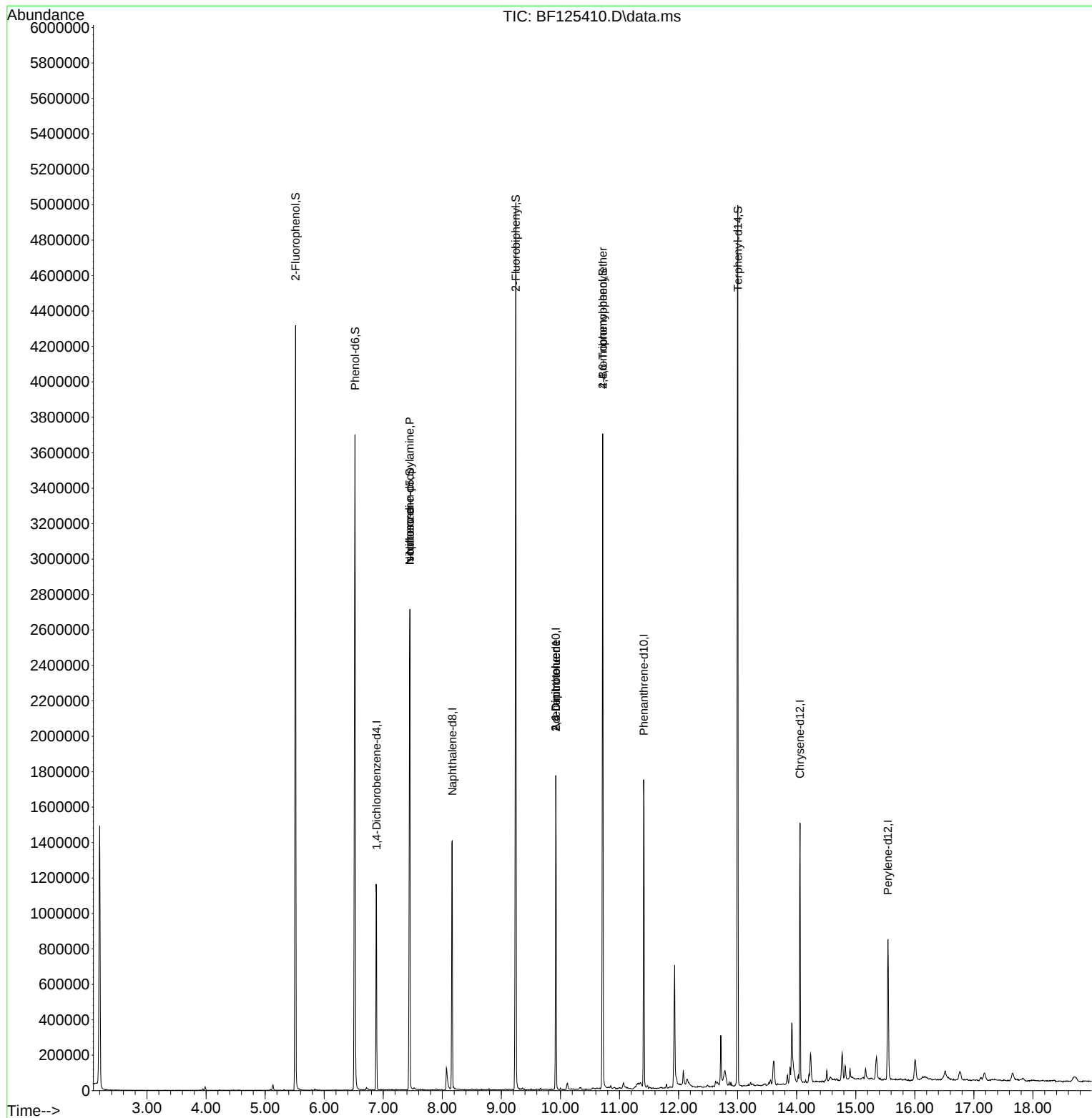
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	173112	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	668828	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	365474	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	665068	20.000	ng	0.00
76) Chrysene-d12	14.057	240	493341	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	380307	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1125906	98.443	ng	0.00
7) Phenol-d6	6.522	99	1430356	96.699	ng	0.00
23) Nitrobenzene-d5	7.451	82	943969	71.054	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	485738	133.143	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1639898	62.537	ng	0.00
79) Terphenyl-d14	13.004	244	1955436	63.145	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	129422	14.547	ng	# 57
25) Isophorone	7.451	82	943960	36.832	ng	# 59
51) 2,6-Dinitrotoluene	9.922	165	46979	8.554	ng	# 28
57) 2,4-Dinitrotoluene	9.922	165	46979	7.068	ng	# 20
67) 4-Bromophenyl-phenylether	10.716	248	29511	3.695	ng	# 1

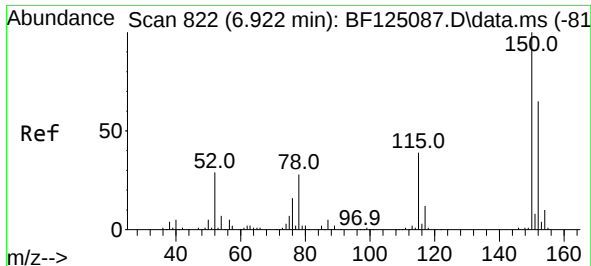
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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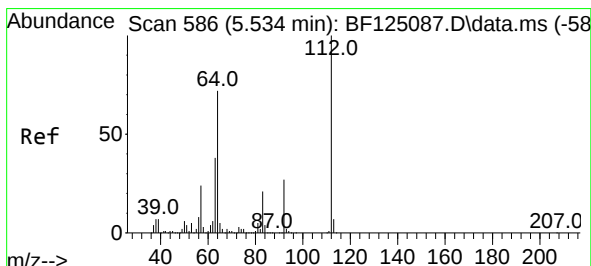
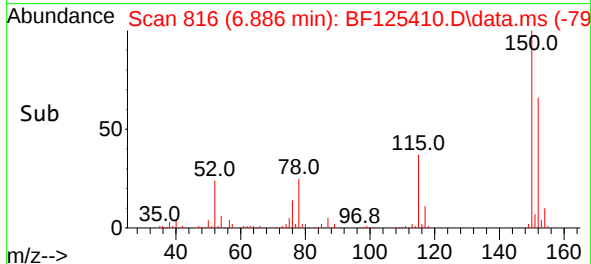
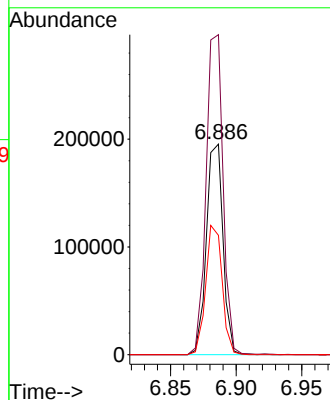
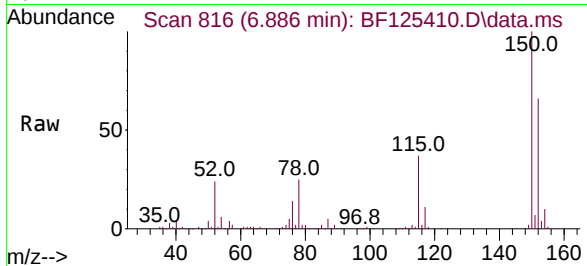




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.886 min Scan# 816
 Delta R.T. 0.000 min
 Lab File: BF125410.D
 Acq: 9 Sep 2021 13:46

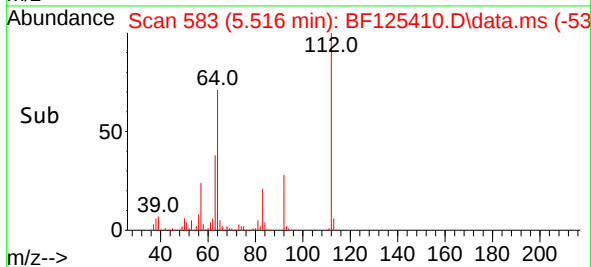
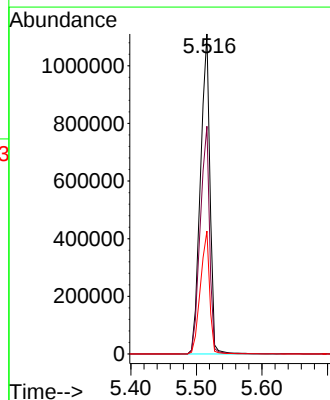
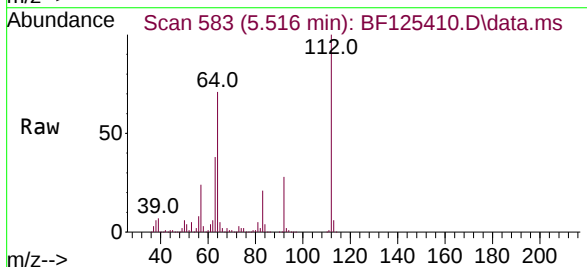
Instrument :
 BNA_F
 ClientSampleId :
 BS-STOCK

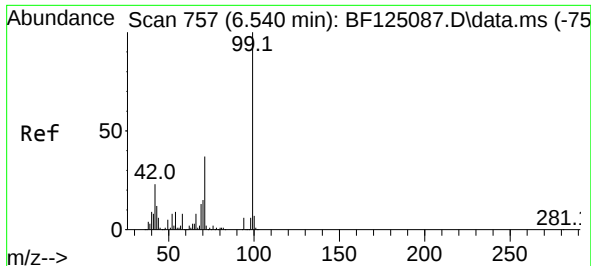
Tgt Ion:152 Resp: 173112
 Ion Ratio Lower Upper
 152 100
 150 152.0 117.6 176.4
 115 56.7 47.1 70.7



#5
 2-Fluorophenol
 Concen: 98.443 ng
 RT: 5.516 min Scan# 583
 Delta R.T. 0.006 min
 Lab File: BF125410.D
 Acq: 9 Sep 2021 13:46

Tgt Ion:112 Resp: 1125906
 Ion Ratio Lower Upper
 112 100
 64 71.2 44.2 66.2#
 63 38.4 26.2 39.2

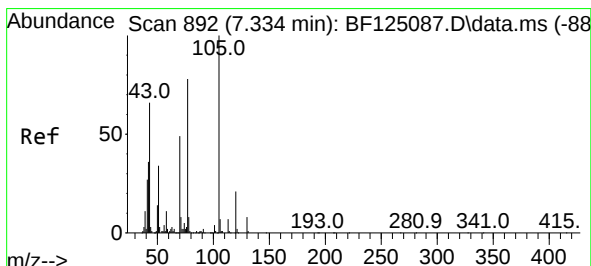
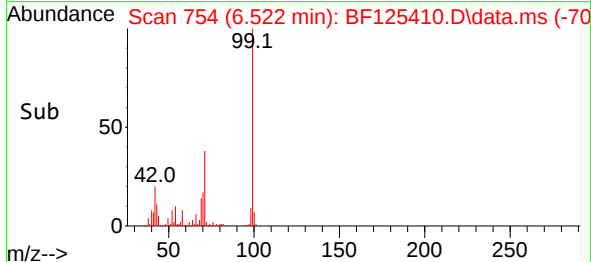
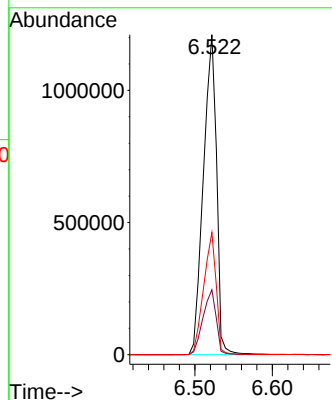
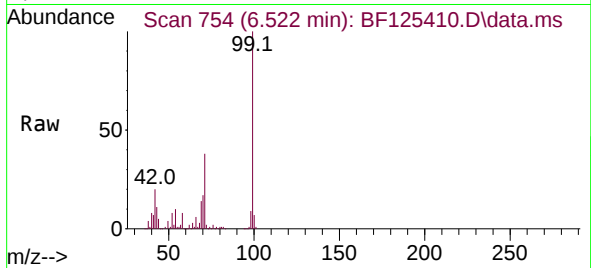




#7
Phenol-d6
Concen: 96.699 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF125410.D
Acq: 9 Sep 2021 13:46

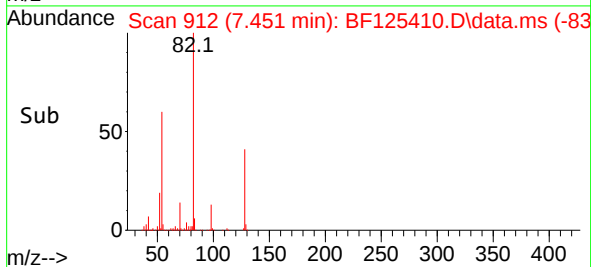
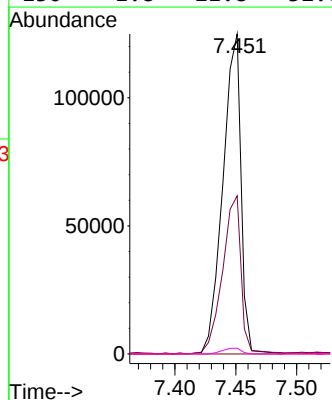
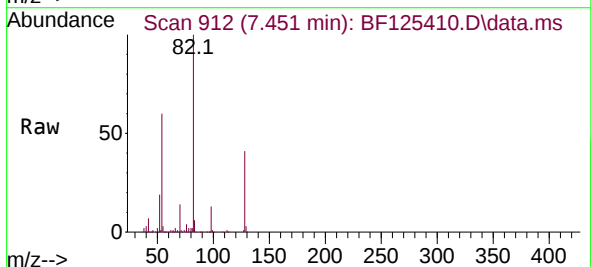
Instrument :
BNA_F
ClientSampleId :
BS-STOCK

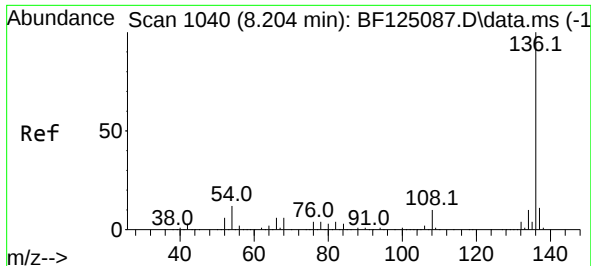
Tgt Ion: 99 Resp: 1430356
Ion Ratio Lower Upper
99 100
42 20.3 23.5 35.3#
71 38.2 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.547 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.147 min
Lab File: BF125410.D
Acq: 9 Sep 2021 13:46

Tgt Ion: 70 Resp: 129422
Ion Ratio Lower Upper
70 100
42 49.4 72.2 108.2#
101 0.0 7.8 11.8#
130 1.8 21.8 32.6#

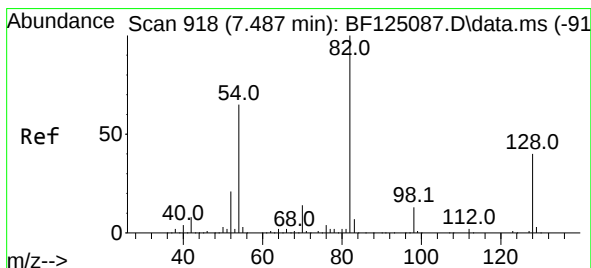
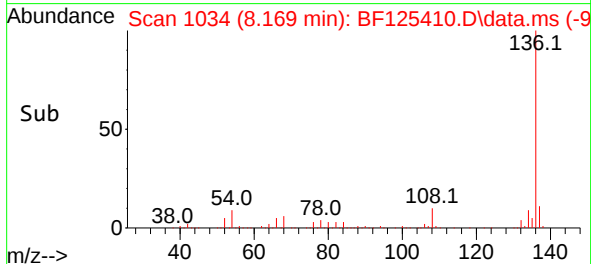
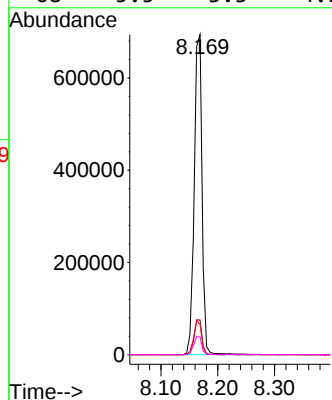
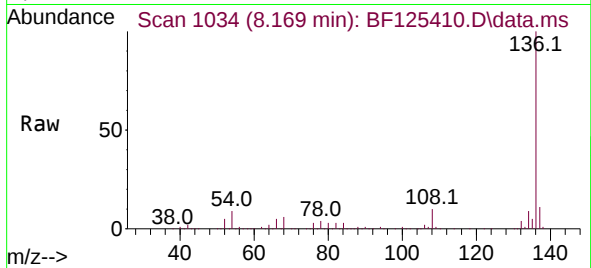




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125410.D
Acq: 9 Sep 2021 13:46

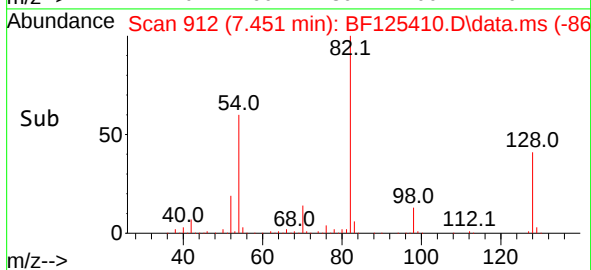
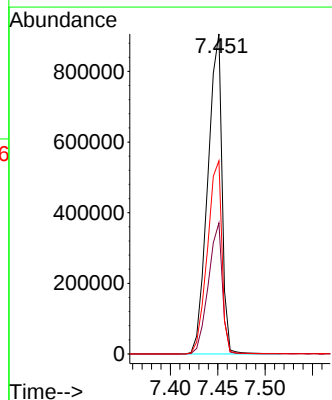
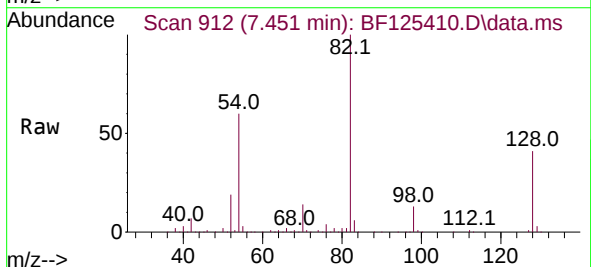
Instrument :
BNA_F
ClientSampleId :
BS-STOCK

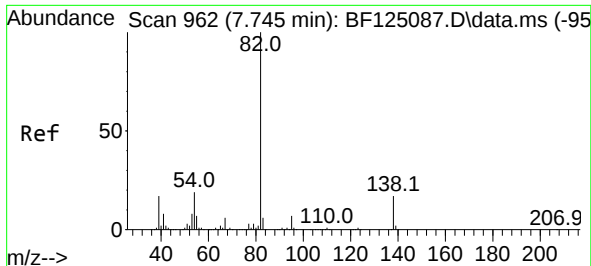
Tgt Ion:136 Resp: 668828
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 9.4 6.4 9.6
68 5.5 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 71.054 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF125410.D
Acq: 9 Sep 2021 13:46

Tgt Ion: 82 Resp: 943969
Ion Ratio Lower Upper
82 100
128 41.0 40.6 60.8
54 60.4 49.6 74.4

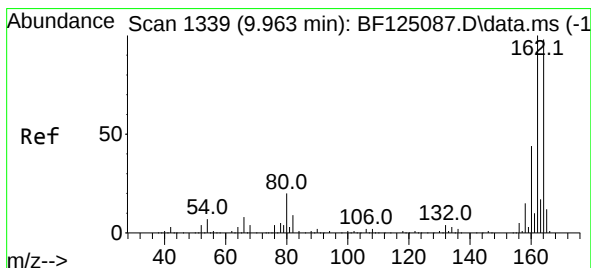
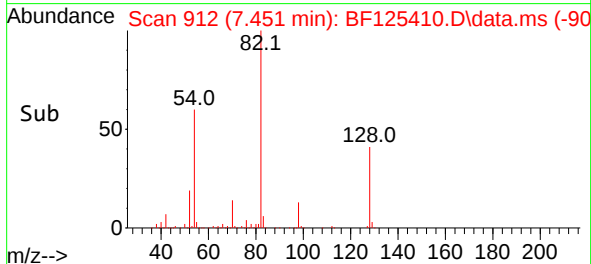
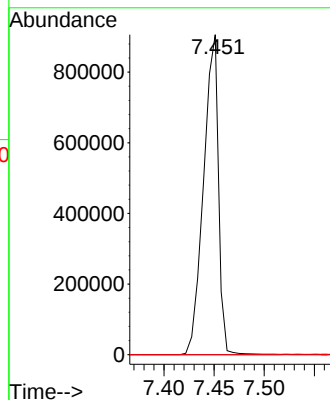
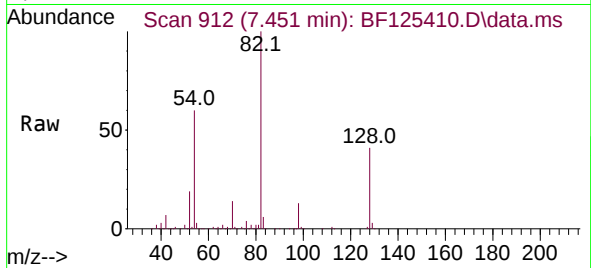




#25
Isophorone
Concen: 36.832 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.259 min
Lab File: BF125410.D
Acq: 9 Sep 2021 13:46

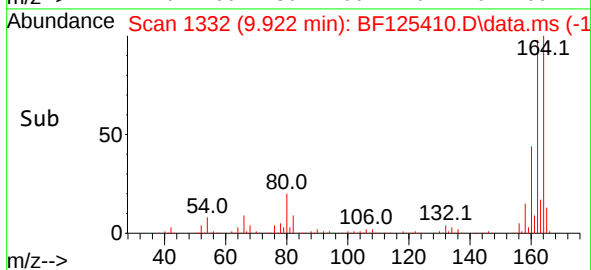
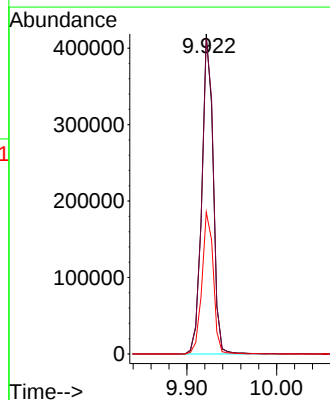
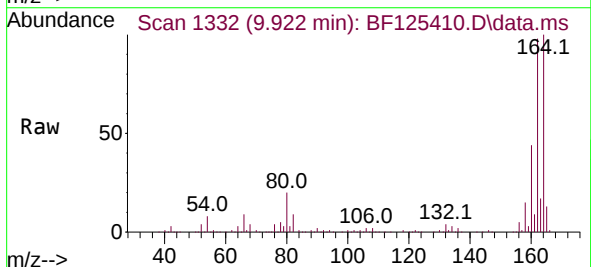
Instrument :
BNA_F
ClientSampleId :
BS-STOCK

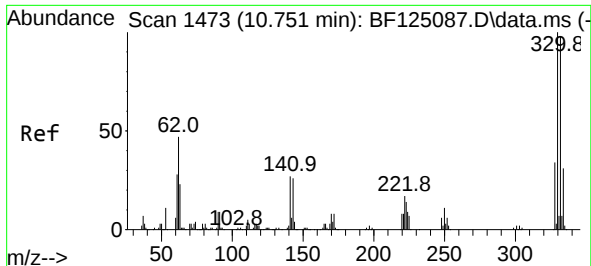
Tgt Ion: 82 Resp: 943960
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125410.D
Acq: 9 Sep 2021 13:46

Tgt Ion: 164 Resp: 365474
Ion Ratio Lower Upper
164 100
162 98.5 81.3 121.9
160 44.3 38.0 57.0

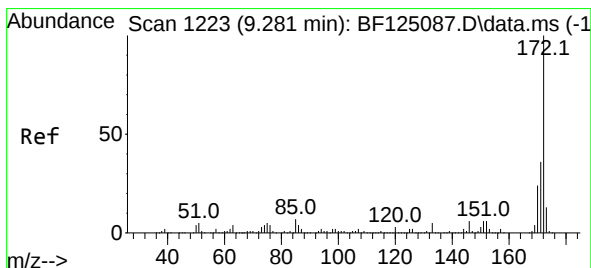
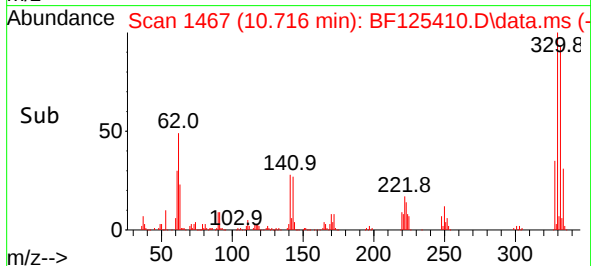
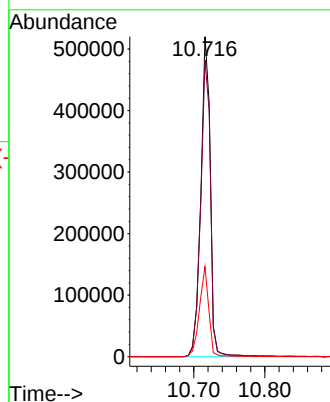
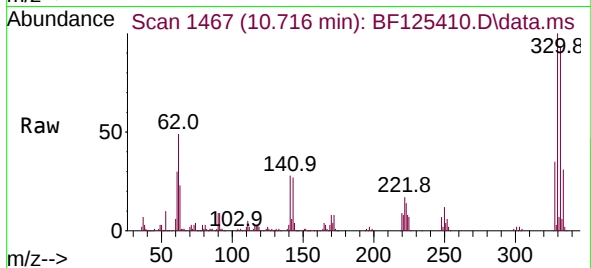




#42
2,4,6-Tribromophenol
Concen: 133.143 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.006 min
Lab File: BF125410.D
Acq: 9 Sep 2021 13:46

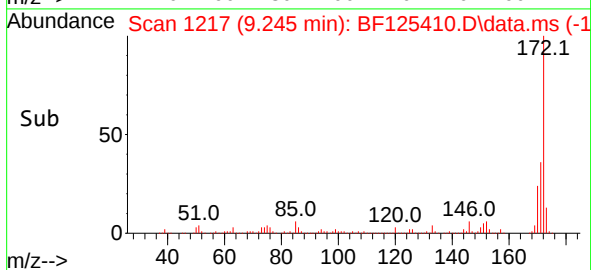
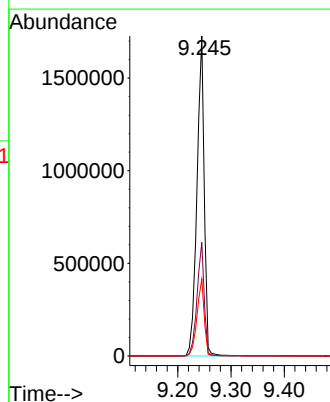
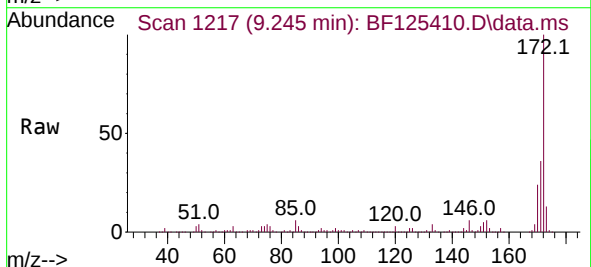
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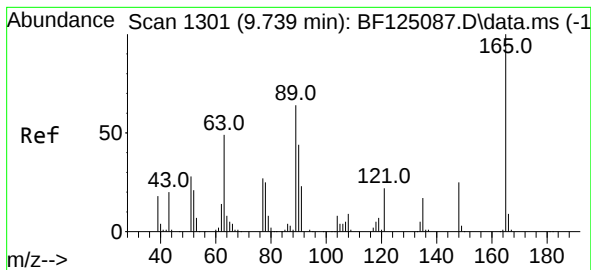
Tgt Ion:330 Resp: 485738
Ion Ratio Lower Upper
330 100
332 95.7 76.2 114.4
141 27.8 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 62.537 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125410.D
Acq: 9 Sep 2021 13:46

Tgt Ion:172 Resp: 1639898
Ion Ratio Lower Upper
172 100
171 35.5 26.5 39.7
170 24.0 18.8 28.2

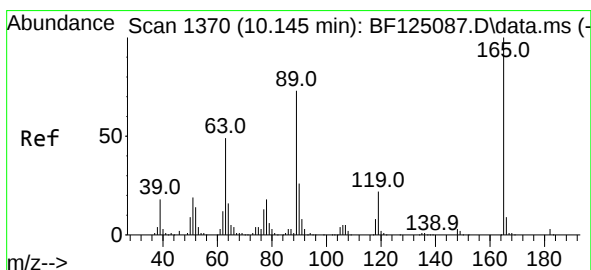
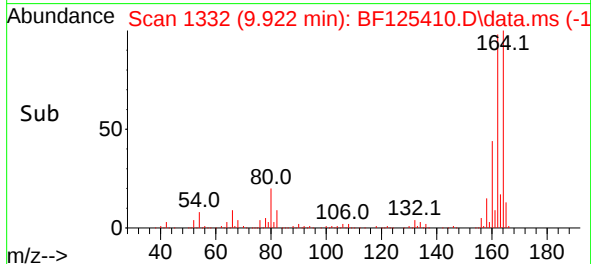
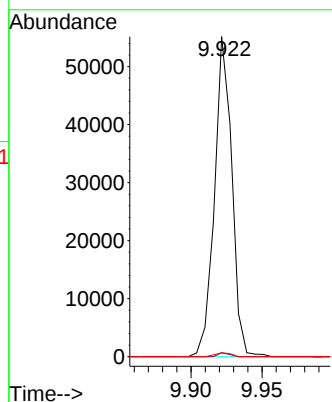
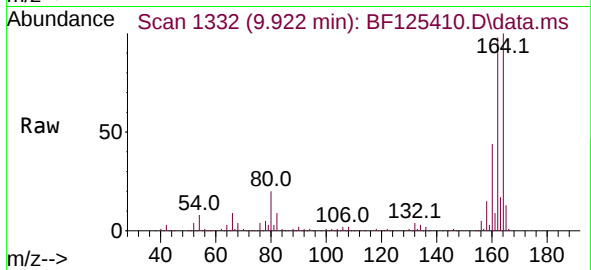




#51
2,6-Dinitrotoluene
Concen: 8.554 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.206 min
Lab File: BF125410.D
Acq: 9 Sep 2021 13:46

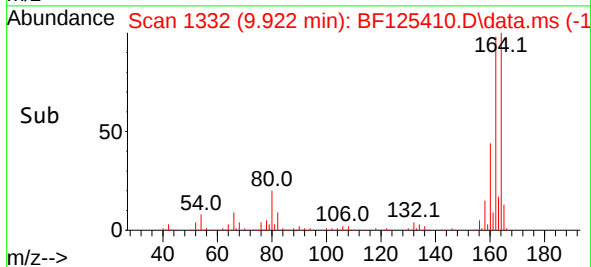
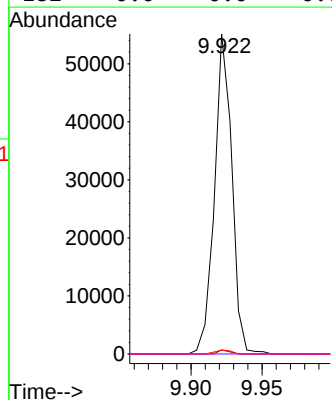
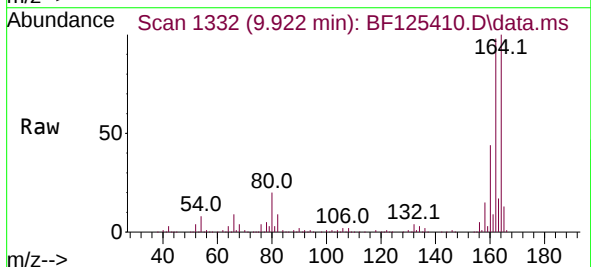
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ClientSampleId :
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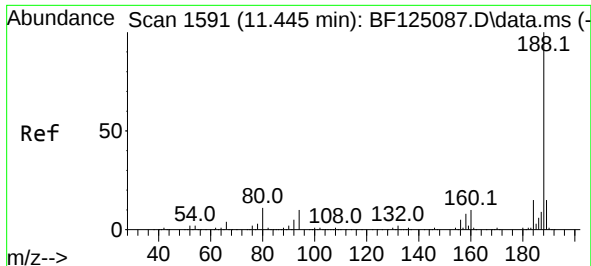
Tgt Ion:165 Resp: 46979
Ion Ratio Lower Upper
165 100
63 1.2 42.6 63.8#
89 1.2 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.068 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.200 min
Lab File: BF125410.D
Acq: 9 Sep 2021 13:46

Tgt Ion:165 Resp: 46979
Ion Ratio Lower Upper
165 100
63 1.2 40.9 61.3#
89 1.2 59.7 89.5#
182 0.0 0.0 0.0

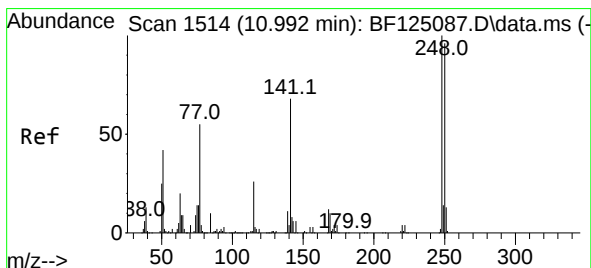
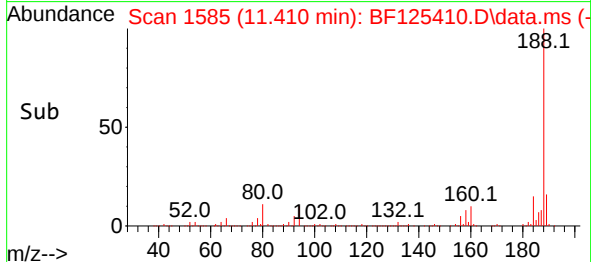
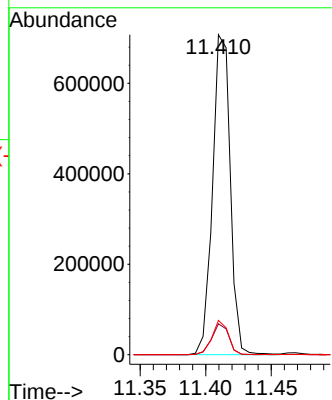
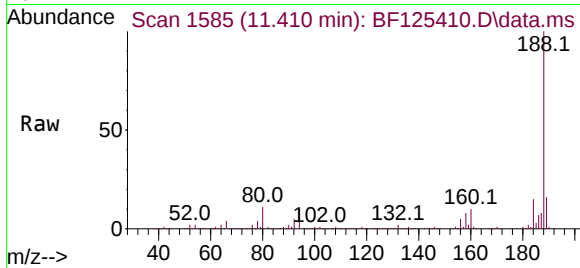




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF125410.D
Acq: 9 Sep 2021 13:46

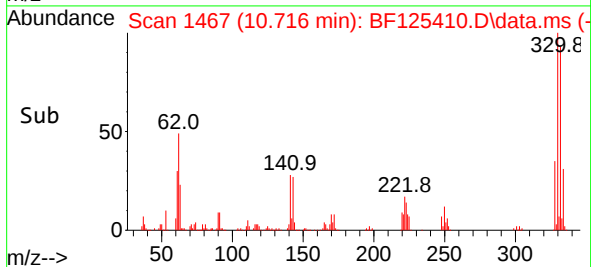
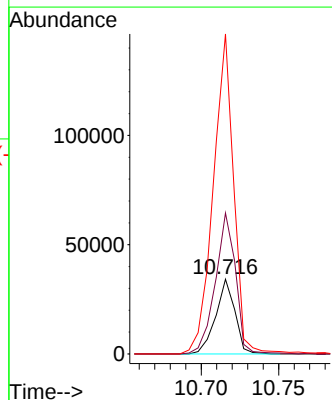
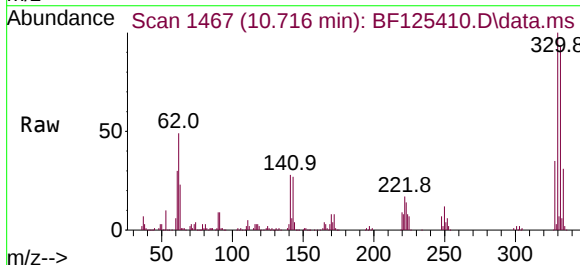
Instrument :
BNA_F
ClientSampleId :
BS-STOCK

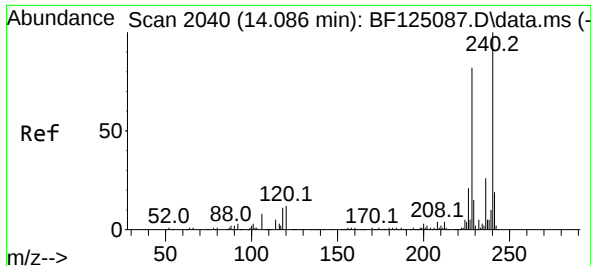
Tgt Ion:188 Resp: 665068
Ion Ratio Lower Upper
188 100
94 9.7 6.7 10.1
80 10.7 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.695 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.241 min
Lab File: BF125410.D
Acq: 9 Sep 2021 13:46

Tgt Ion:248 Resp: 29511
Ion Ratio Lower Upper
248 100
250 188.9 74.2 111.4#
141 428.6 60.4 90.6#

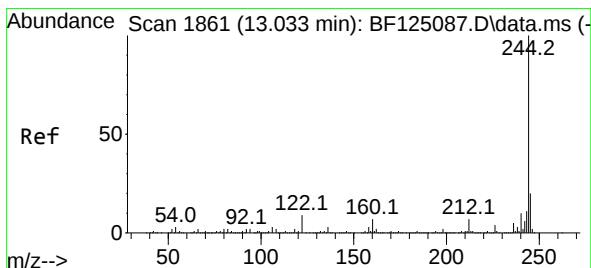
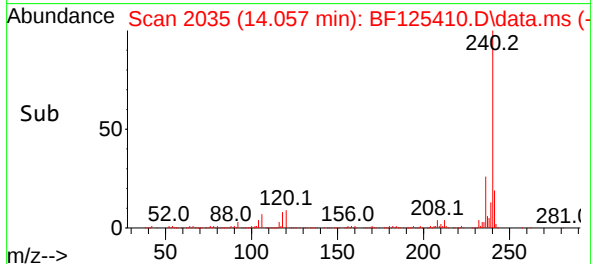
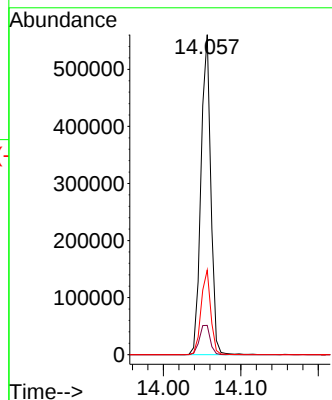
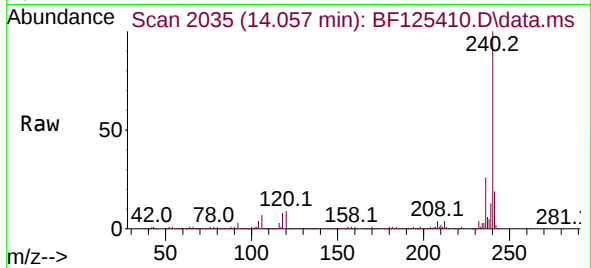




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125410.D
Acq: 9 Sep 2021 13:46

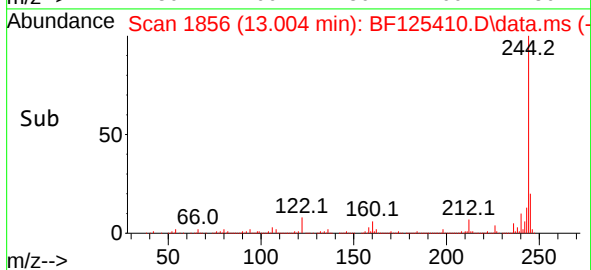
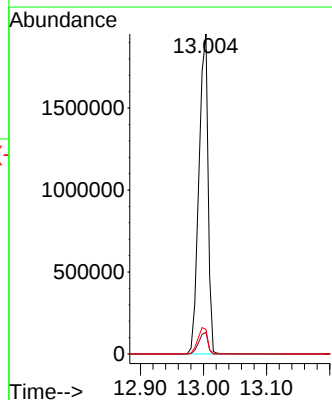
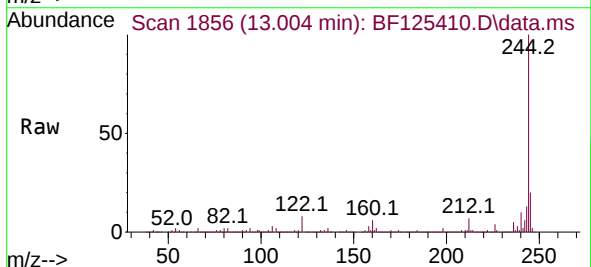
Instrument :
BNA_F
ClientSampleId :
BS-STOCK

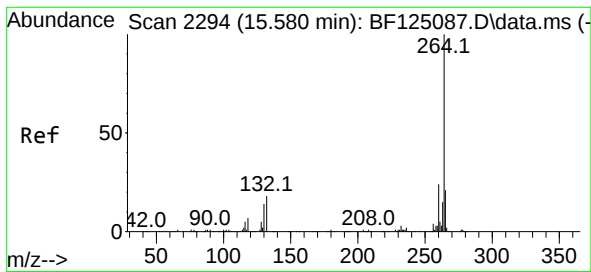
Tgt Ion:240 Resp: 493341
Ion Ratio Lower Upper
240 100
120 9.2 10.8 16.2#
236 26.5 21.6 32.4



#79
Terphenyl-d14
Concen: 63.145 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.000 min
Lab File: BF125410.D
Acq: 9 Sep 2021 13:46

Tgt Ion:244 Resp: 1955436
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 7.6 9.0 13.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2288
Delta R.T. 0.000 min
Lab File: BF125410.D
Acq: 9 Sep 2021 13:46

Instrument :
BNA_F
ClientSampleId :
BS-STOCK

Tgt Ion:264 Resp: 380307

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	21.4	17.2	25.8

