

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090321\
 Data File : BF125340.D
 Acq On : 3 Sep 2021 11:37
 Operator : JU/CG
 Sample : PB1388692BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB138862BL

Quant Time: Sep 03 12:24:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 03 11:56:34 2021
 Response via : Initial Calibration

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

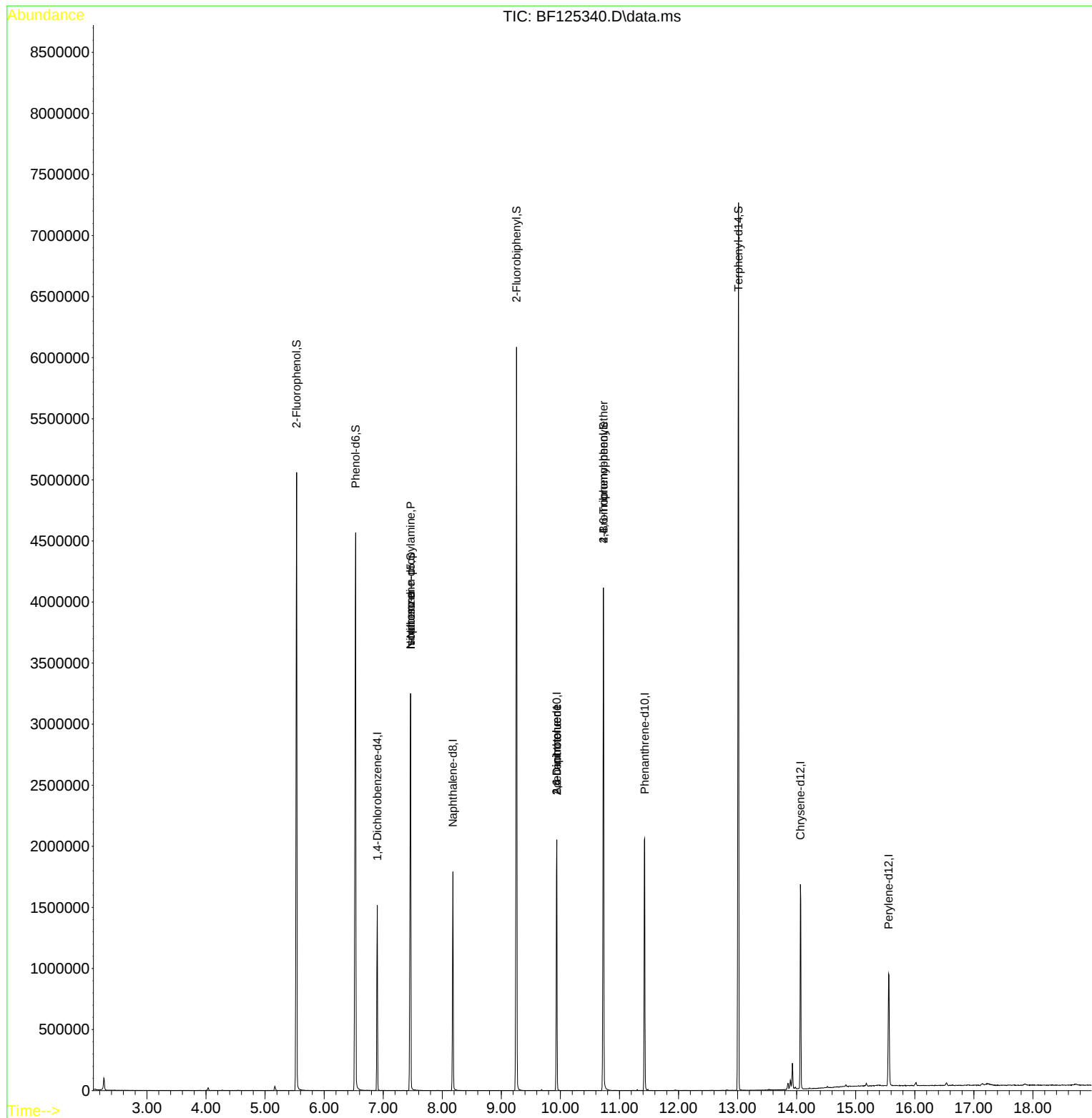
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	194813	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	794250	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	435127	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	837271	20.000	ng	0.00
76) Chrysene-d12	14.063	240	605319	20.000	ng	0.00
86) Perylene-d12	15.557	264	455551	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1408457	109.430	ng	0.01
7) Phenol-d6	6.534	99	1767518	106.182	ng	0.00
23) Nitrobenzene-d5	7.463	82	1200685	76.106	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	587694	135.303	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2110608	67.604	ng	0.00
79) Terphenyl-d14	13.016	244	2676229	70.434	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.463	70	161104	16.090	ng	# 55
25) Isophorone	7.463	82	1200671	39.451	ng	# 59
51) 2,6-Dinitrotoluene	9.939	165	55644	8.510	ng	# 28
57) 2,4-Dinitrotoluene	9.939	165	55644	7.032	ng	# 19
67) 4-Bromophenyl-phenylether	10.728	248	34422	3.424	ng	# 1

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

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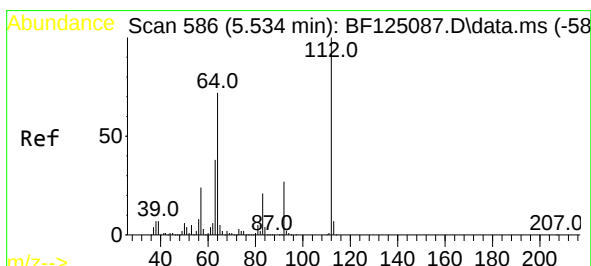
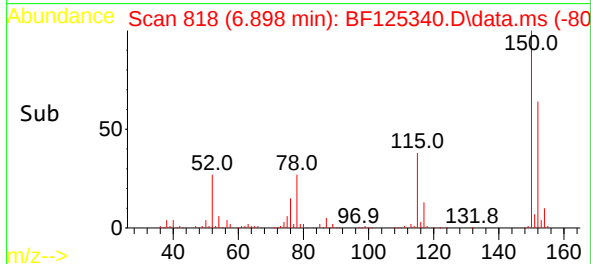
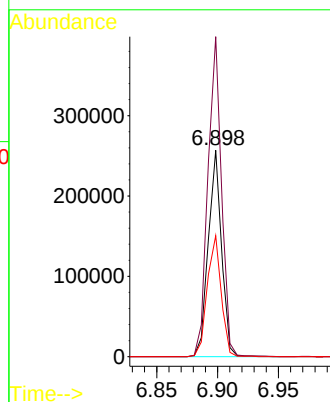
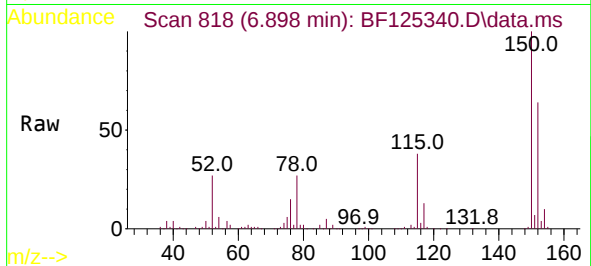




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF125340.D
Acq: 3 Sep 2021 11:37

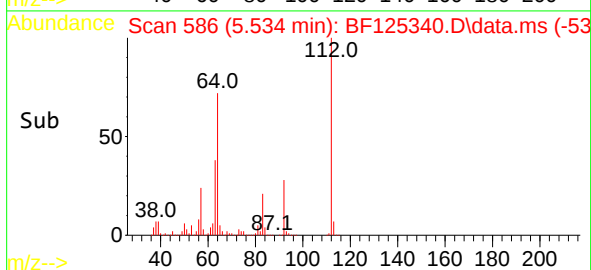
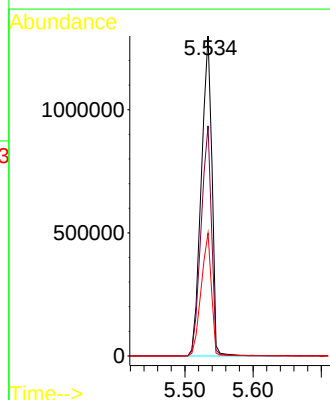
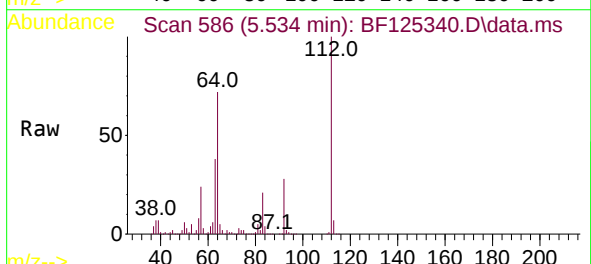
Instrument :
BNA_F
ClientSampleId :
PB138862BL

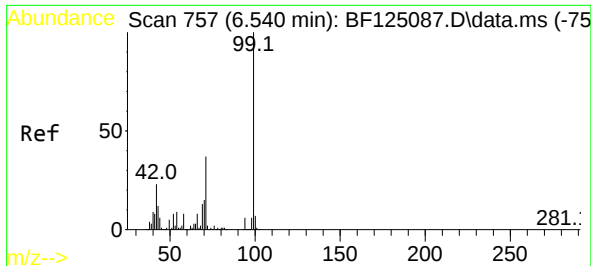
Tgt Ion:152 Resp: 194813
Ion Ratio Lower Upper
152 100
150 155.1 117.6 176.4
115 58.6 47.1 70.7



#5
2-Fluorophenol
Concen: 109.430 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.012 min
Lab File: BF125340.D
Acq: 3 Sep 2021 11:37

Tgt Ion:112 Resp: 1408457
Ion Ratio Lower Upper
112 100
64 71.9 44.2 66.2#
63 38.4 26.2 39.2

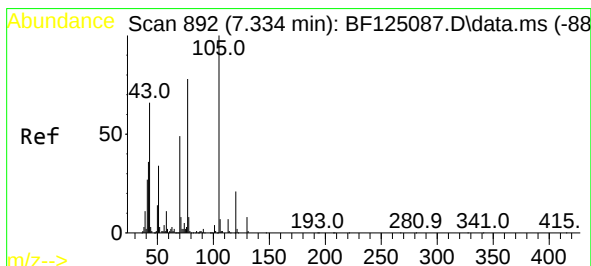
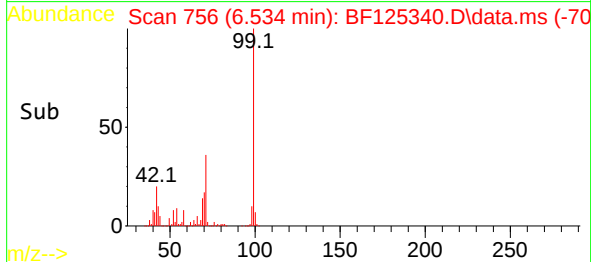
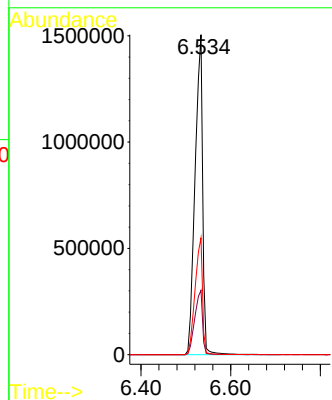
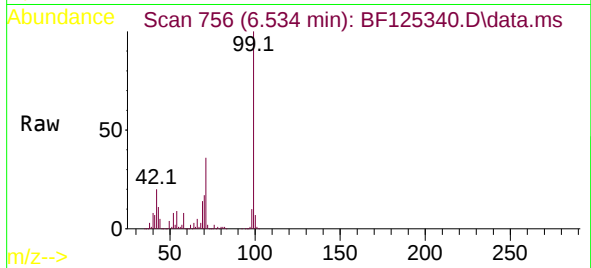




#7
Phenol-d6
Concen: 106.182 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF125340.D
Acq: 3 Sep 2021 11:37

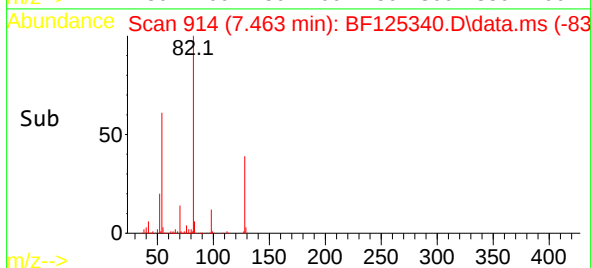
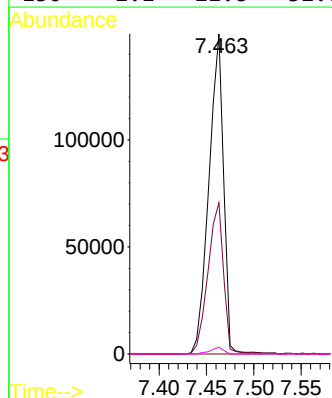
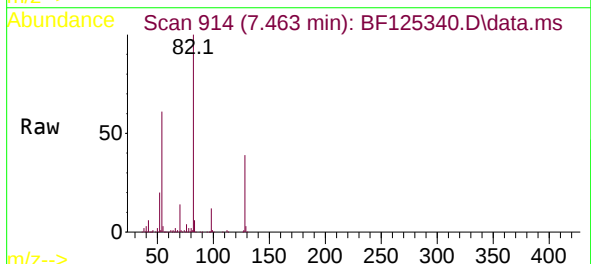
Instrument :
BNA_F
ClientSampleId :
PB138862BL

Tgt Ion: 99 Resp: 1767518
Ion Ratio Lower Upper
99 100
42 20.1 23.5 35.3#
71 36.5 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.090 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.153 min
Lab File: BF125340.D
Acq: 3 Sep 2021 11:37

Tgt Ion: 70 Resp: 161104
Ion Ratio Lower Upper
70 100
42 47.3 72.2 108.2#
101 0.0 7.8 11.8#
130 2.1 21.8 32.6#

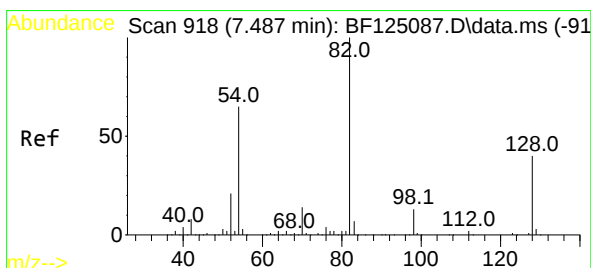
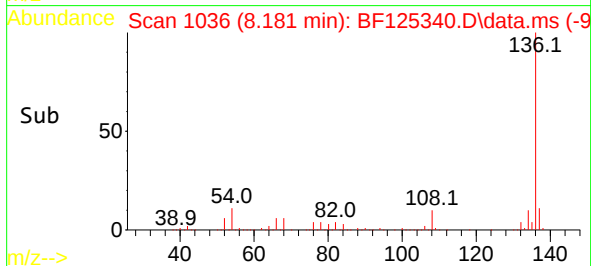
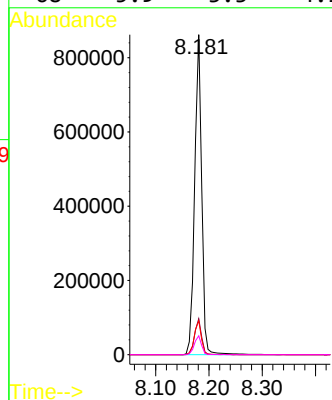
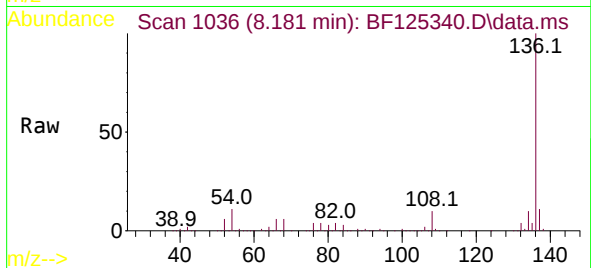




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF125340.D
Acq: 3 Sep 2021 11:37

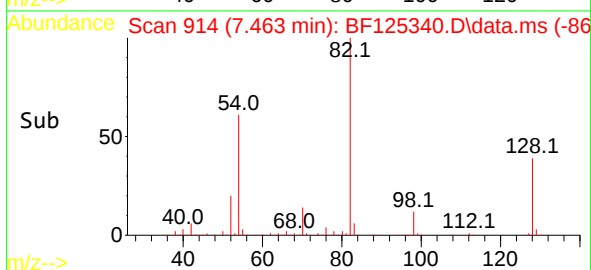
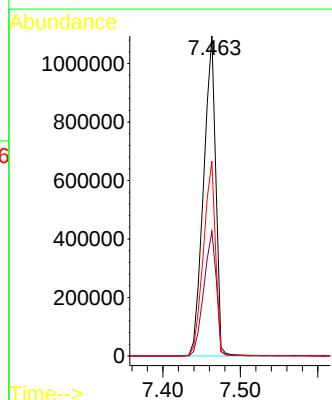
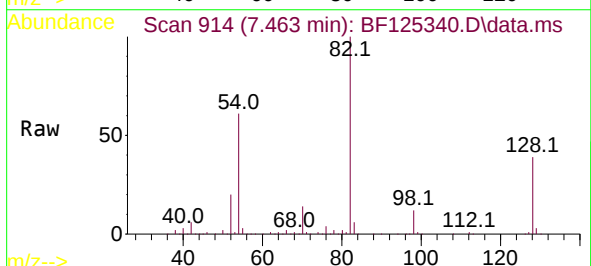
Instrument :
BNA_F
ClientSampleId :
PB138862BL

Tgt Ion:136 Resp: 794250
Ion Ratio Lower Upper
136 100
137 11.2 9.8 14.6
54 10.6 6.4 9.6#
68 5.9 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 76.106 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF125340.D
Acq: 3 Sep 2021 11:37

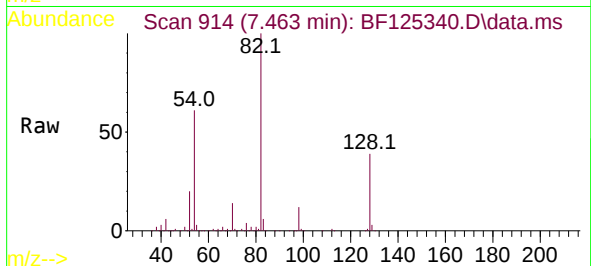
Tgt Ion: 82 Resp: 1200685
Ion Ratio Lower Upper
82 100
128 39.0 40.6 60.8#
54 60.8 49.6 74.4



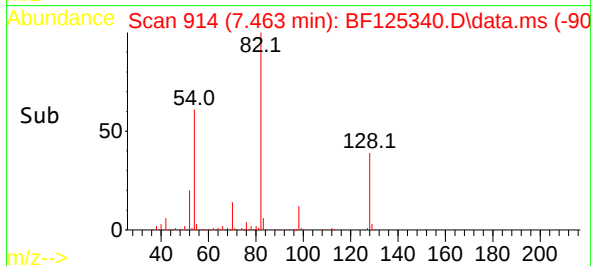
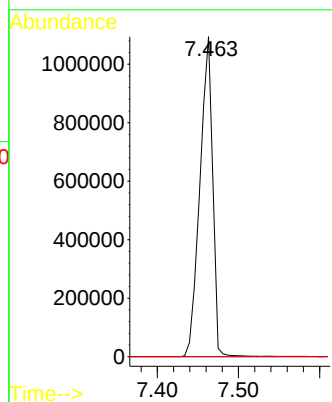


#25
Isophorone
Concen: 39.451 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.259 min
Lab File: BF125340.D
Acq: 3 Sep 2021 11:37

Instrument :
BNA_F
ClientSampleId :
PB138862BL

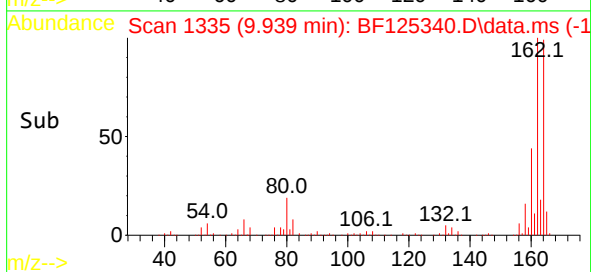
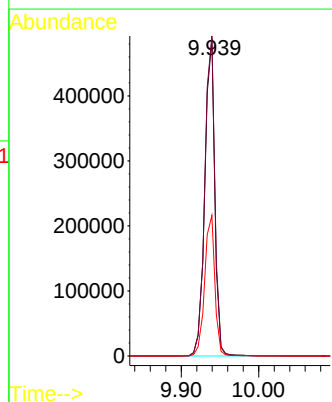
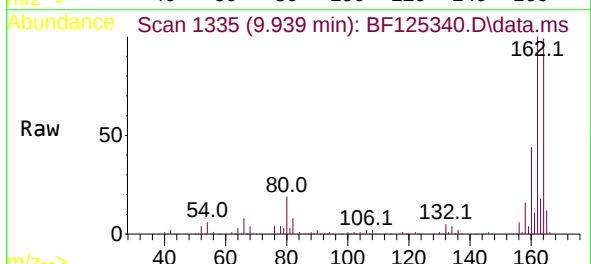


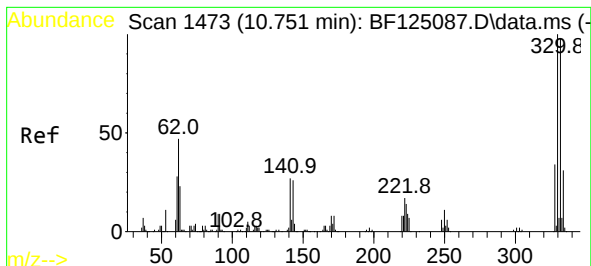
Tgt Ion: 82 Resp: 1200671
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF125340.D
Acq: 3 Sep 2021 11:37

Tgt Ion: 164 Resp: 435127
Ion Ratio Lower Upper
164 100
162 100.9 81.3 121.9
160 44.3 38.0 57.0

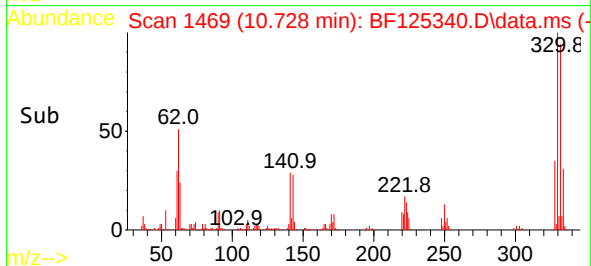
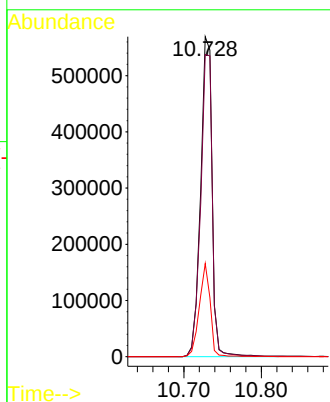
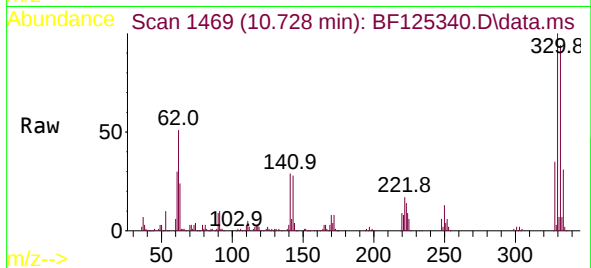




#42
2,4,6-Tribromophenol
Concen: 135.303 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF125340.D
Acq: 3 Sep 2021 11:37

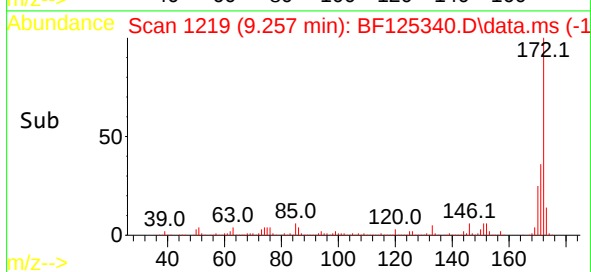
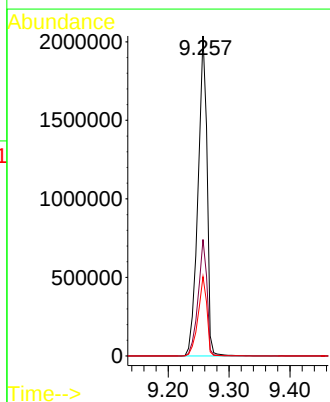
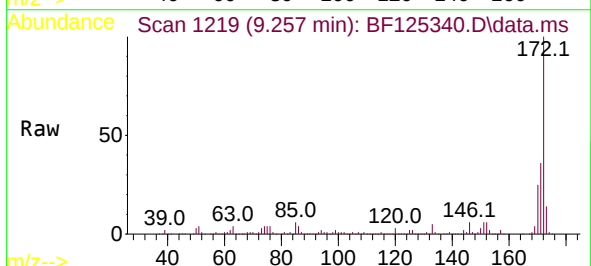
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ClientSampleId :
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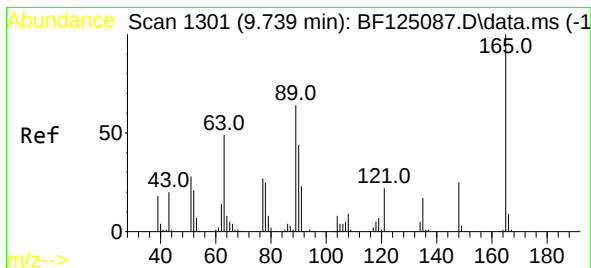
Tgt Ion:330 Resp: 587694
Ion Ratio Lower Upper
330 100
332 95.9 76.2 114.4
141 27.5 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 67.604 ng
RT: 9.257 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF125340.D
Acq: 3 Sep 2021 11:37

Tgt Ion:172 Resp: 2110608
Ion Ratio Lower Upper
172 100
171 36.4 26.5 39.7
170 24.8 18.8 28.2

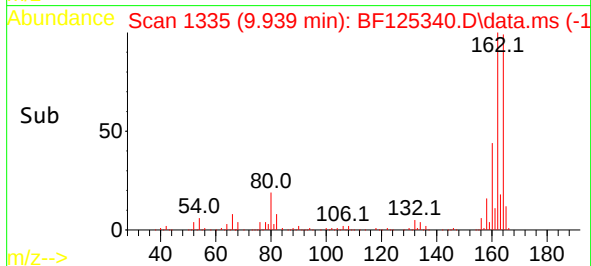
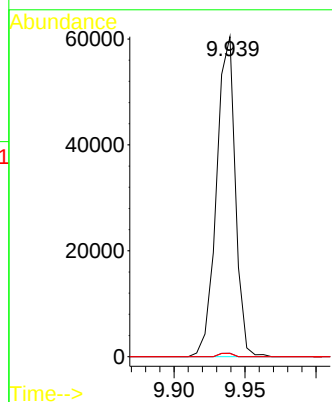
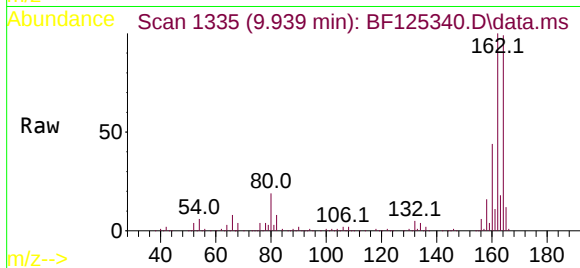




#51
2,6-Dinitrotoluene
Concen: 8.510 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.218 min
Lab File: BF125340.D
Acq: 3 Sep 2021 11:37

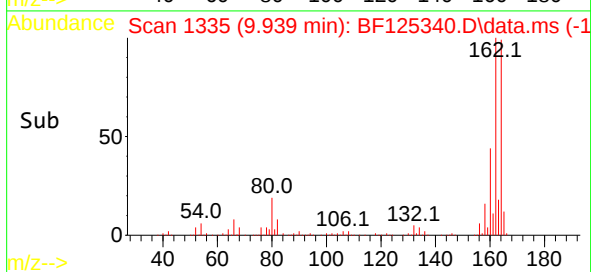
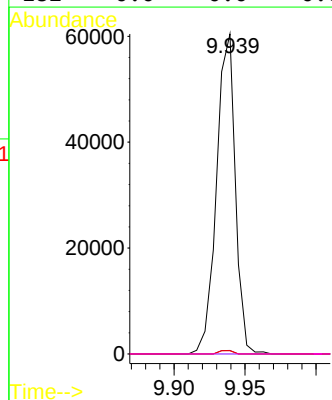
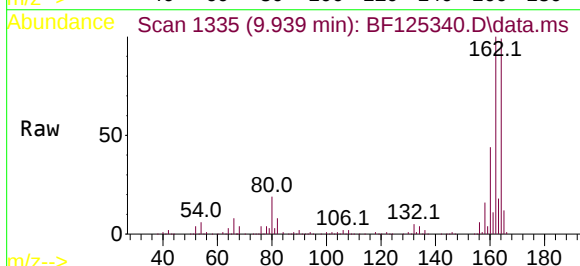
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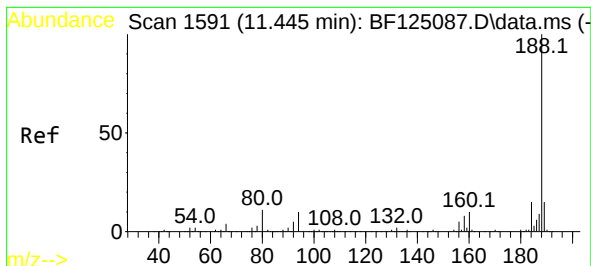
Tgt Ion:165 Resp: 55644
Ion Ratio Lower Upper
165 100
63 1.1 42.6 63.8#
89 1.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.032 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.188 min
Lab File: BF125340.D
Acq: 3 Sep 2021 11:37

Tgt Ion:165 Resp: 55644
Ion Ratio Lower Upper
165 100
63 1.1 40.9 61.3#
89 1.0 59.7 89.5#
182 0.0 0.0 0.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 1588

Delta R.T. 0.000 min

Lab File: BF125340.D

Acq: 3 Sep 2021 11:37

Instrument :

BNA_F

ClientSampleId :

PB138862BL

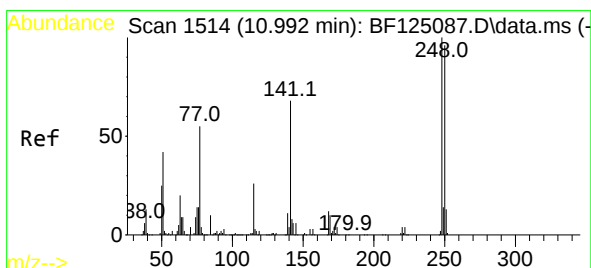
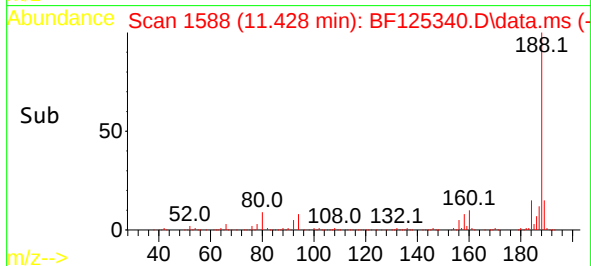
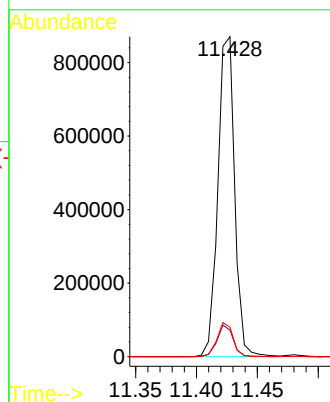
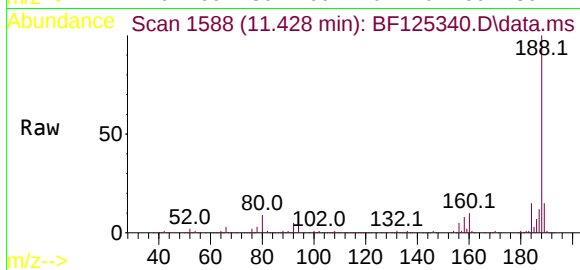
Tgt Ion:188 Resp: 837271

Ion Ratio Lower Upper

188 100

94 8.3 6.7 10.1

80 9.2 7.5 11.3



#67

4-Bromophenyl-phenylether

Concen: 3.424 ng

RT: 10.728 min Scan# 1469

Delta R.T. -0.241 min

Lab File: BF125340.D

Acq: 3 Sep 2021 11:37

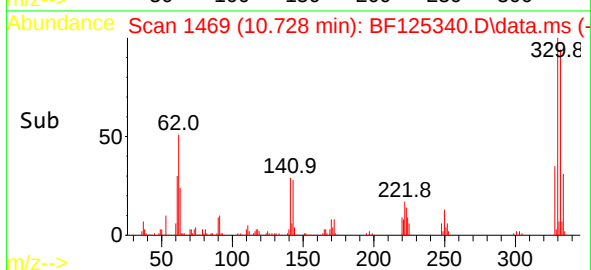
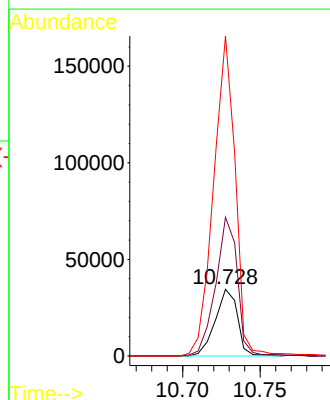
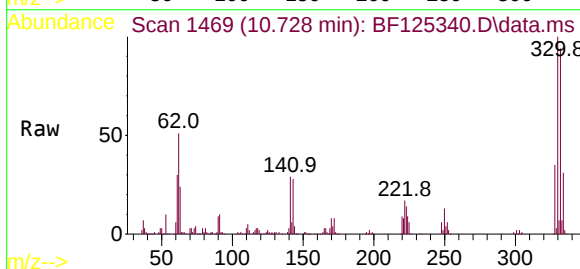
Tgt Ion:248 Resp: 34422

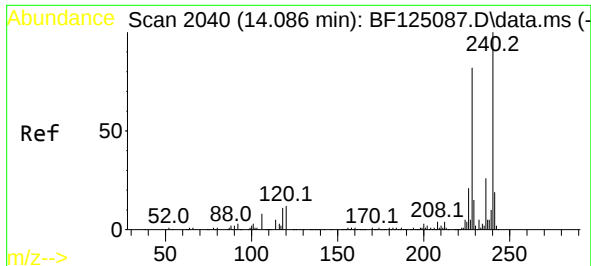
Ion Ratio Lower Upper

248 100

250 207.8 74.2 111.4#

141 479.3 60.4 90.6#

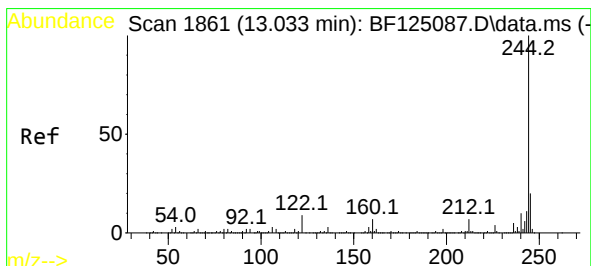
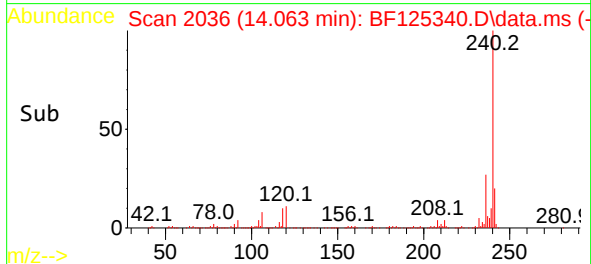
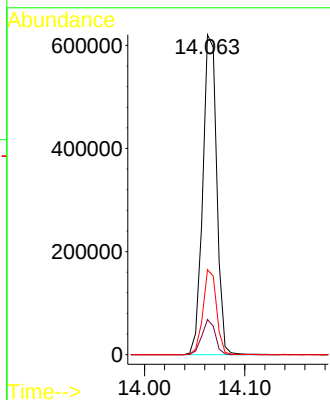
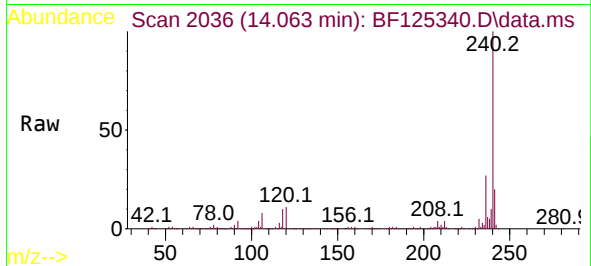




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF125340.D
Acq: 3 Sep 2021 11:37

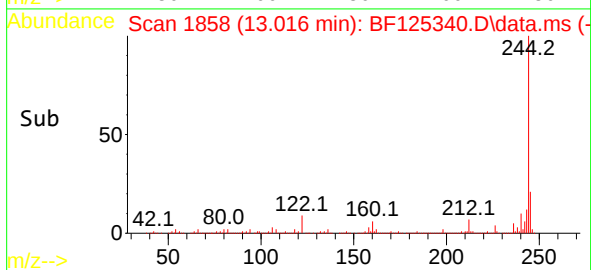
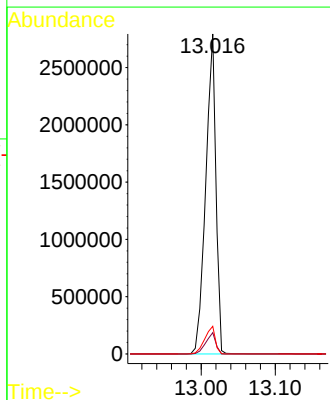
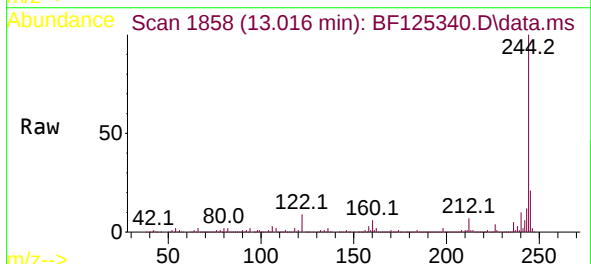
Instrument :
BNA_F
ClientSampleId :
PB138862BL

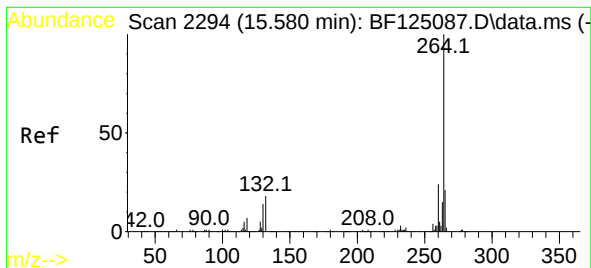
Tgt Ion:240 Resp: 605319
Ion Ratio Lower Upper
240 100
120 11.0 10.8 16.2
236 26.6 21.6 32.4



#79
Terphenyl-d14
Concen: 70.434 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.006 min
Lab File: BF125340.D
Acq: 3 Sep 2021 11:37

Tgt Ion:244 Resp: 2676229
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 8.7 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2290
 Delta R.T. 0.000 min
 Lab File: BF125340.D
 Acq: 3 Sep 2021 11:37

Instrument :
 BNA_F
 ClientSampleId :
 PB138862BL

Tgt Ion:264 Resp: 455551
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.6 29.4
 265 21.3 17.2 25.8

