

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
 Data File : BF125442.D
 Acq On : 13 Sep 2021 13:58
 Operator : JU/CG
 Sample : M3689-02RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 253RE

Quant Time: Sep 13 15:31:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 13 12:03:46 2021
 Response via : Initial Calibration

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

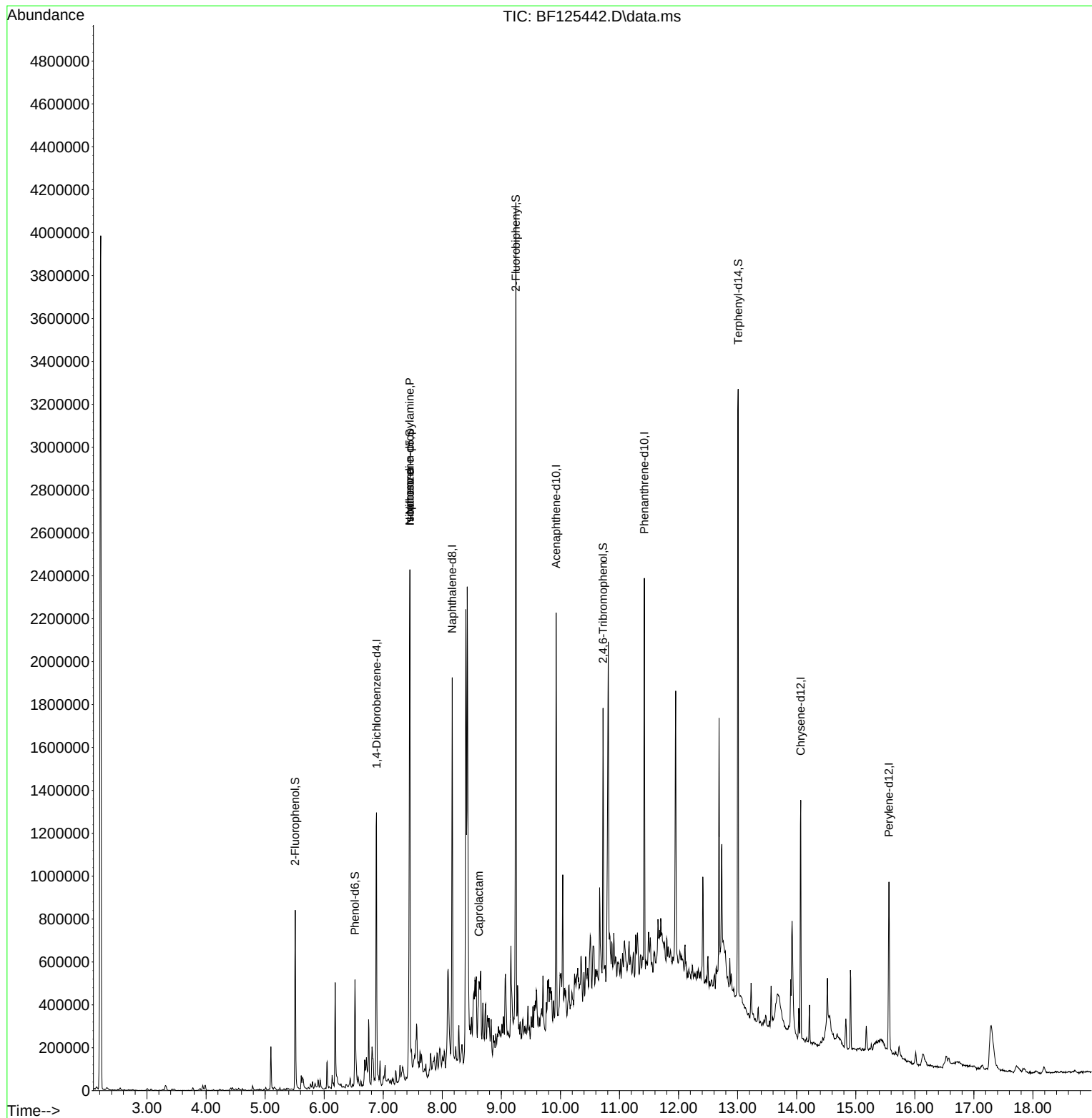
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	191778	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	723586	20.000	ng	# 0.00
39) Acenaphthene-d10	9.927	164	378962	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	646134	20.000	ng	0.00
76) Chrysene-d12	14.068	240	404986	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	334793	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	224541	17.722	ng	0.00
7) Phenol-d6	6.522	99	187846	11.463	ng	-0.01
23) Nitrobenzene-d5	7.451	82	663335	46.152	ng	0.00
42) 2,4,6-Tribromophenol	10.721	330	167627	44.312	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1213248	44.620	ng	0.00
79) Terphenyl-d14	13.010	244	1085841	42.714	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	91377	9.271	ng	# 63
25) Isophorone	7.451	82	652849	23.546	ng	# 59
35) Caprolactam	8.622	113	7876	2.723	ng	# 1

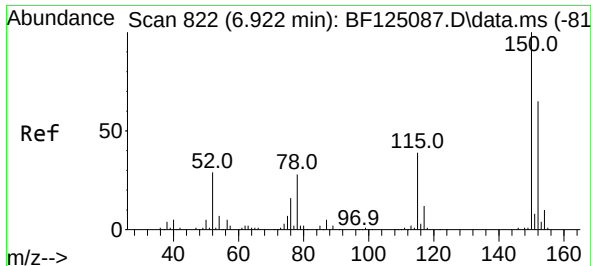
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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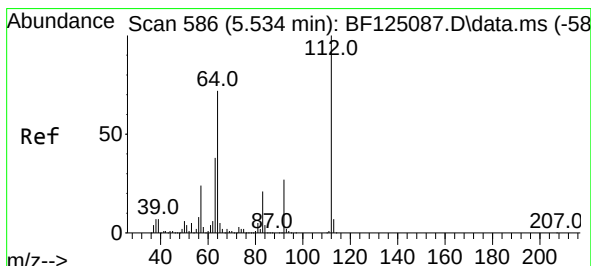
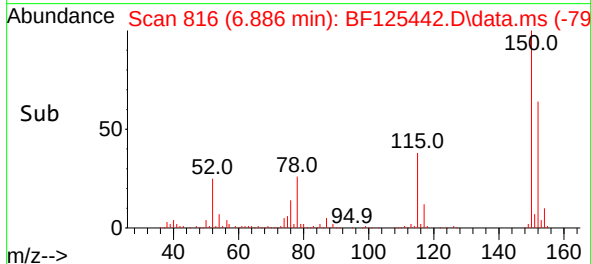
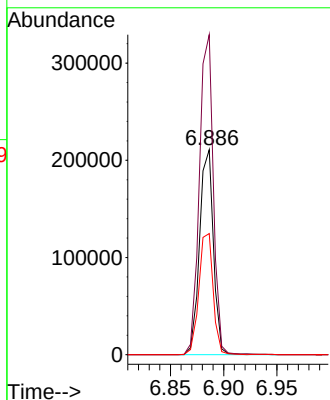
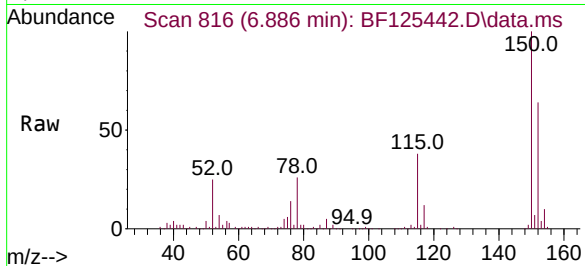




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF125442.D
Acq: 13 Sep 2021 13:58

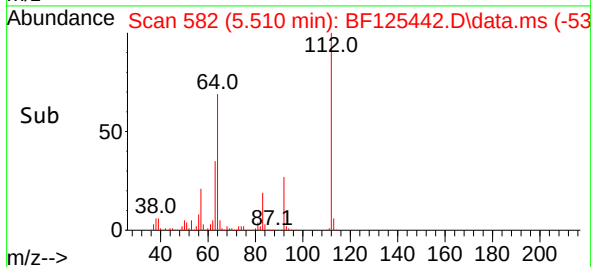
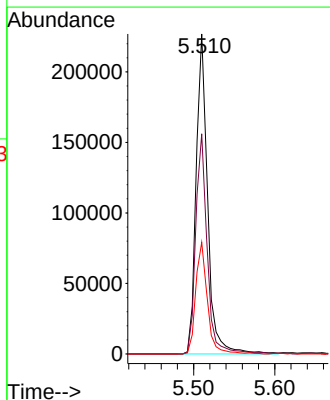
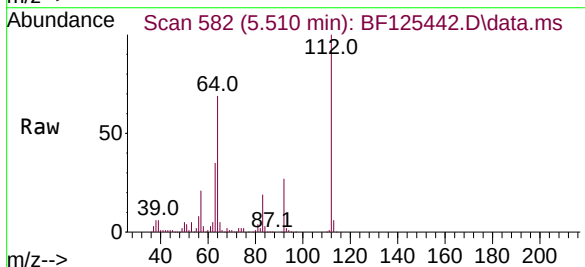
Instrument :
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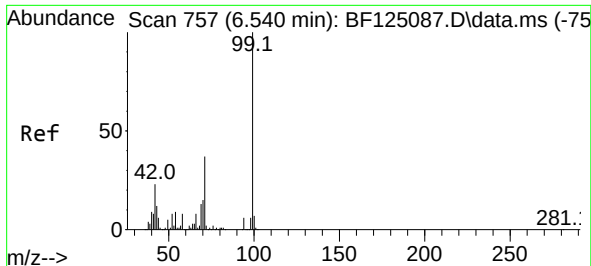
Tgt Ion:152 Resp: 191778
Ion Ratio Lower Upper
152 100
150 156.1 117.6 176.4
115 59.1 47.1 70.7



#5
2-Fluorophenol
Concen: 17.722 ng
RT: 5.510 min Scan# 582
Delta R.T. -0.006 min
Lab File: BF125442.D
Acq: 13 Sep 2021 13:58

Tgt Ion:112 Resp: 224541
Ion Ratio Lower Upper
112 100
64 68.8 44.2 66.2#
63 34.9 26.2 39.2

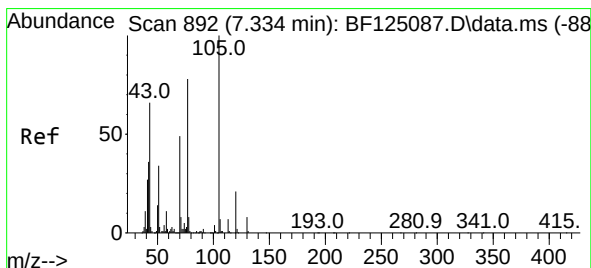
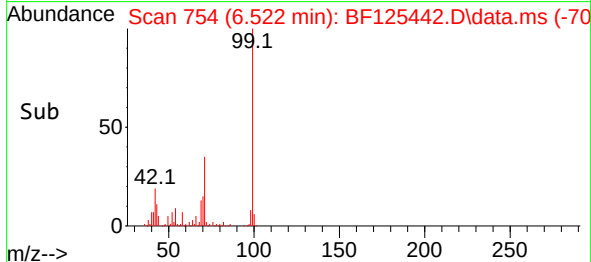
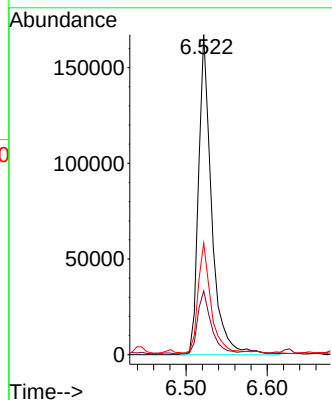
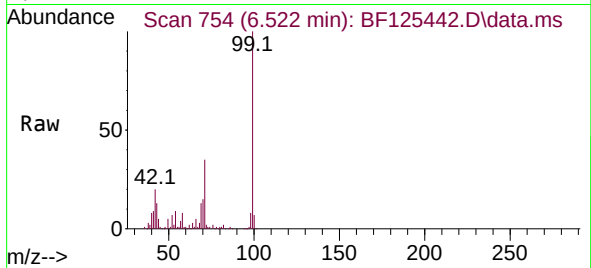




#7
Phenol-d6
Concen: 11.463 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF125442.D
Acq: 13 Sep 2021 13:58

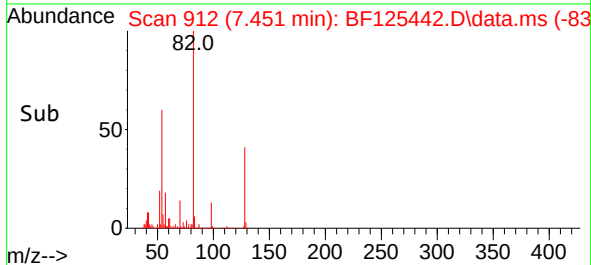
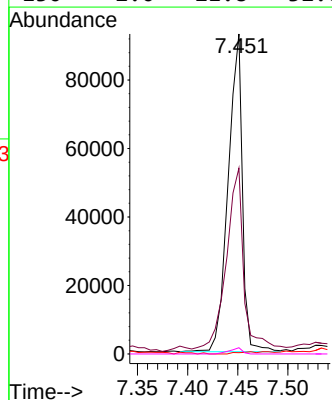
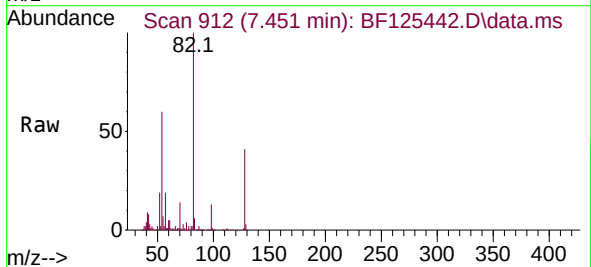
Instrument :
BNA_F
ClientSampleId :
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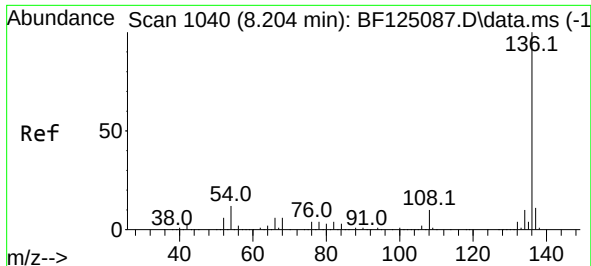
Tgt Ion: 99 Resp: 187846
Ion Ratio Lower Upper
99 100
42 20.0 23.5 35.3#
71 34.9 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 9.271 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF125442.D
Acq: 13 Sep 2021 13:58

Tgt Ion: 70 Resp: 91377
Ion Ratio Lower Upper
70 100
42 58.1 72.2 108.2#
101 0.4 7.8 11.8#
130 2.0 21.8 32.6#

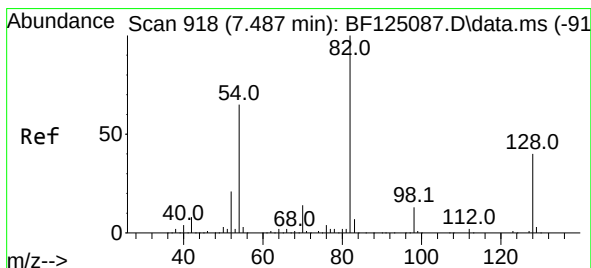
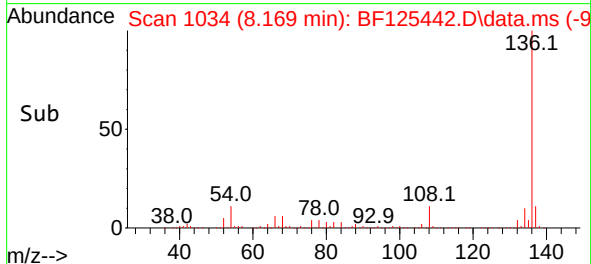
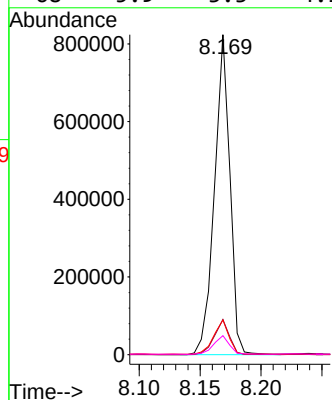
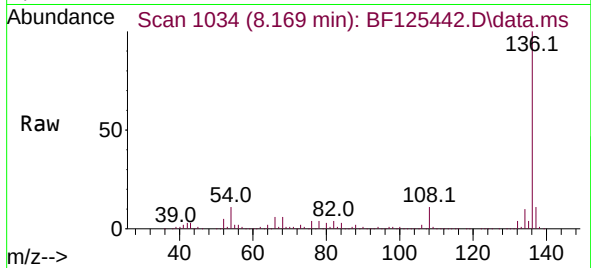




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125442.D
Acq: 13 Sep 2021 13:58

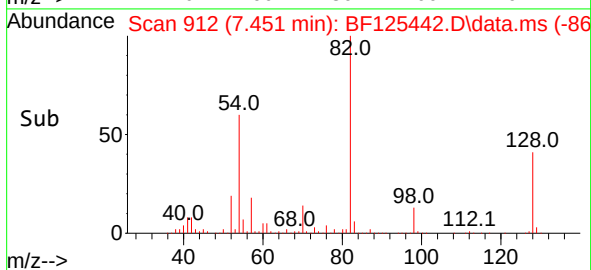
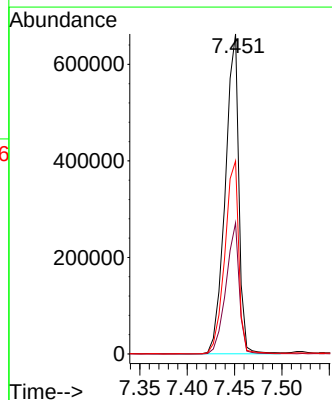
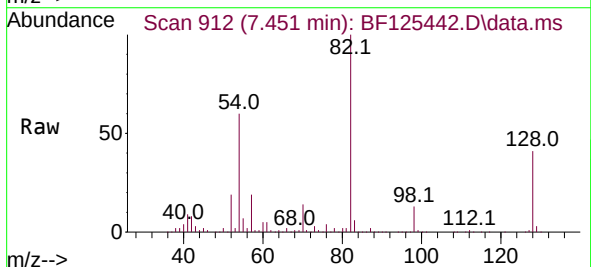
Instrument :
BNA_F
ClientSampleId :
253RE

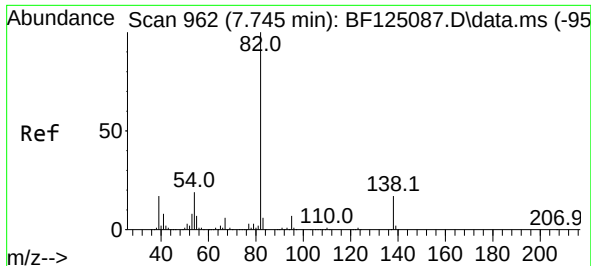
Tgt Ion:136	Resp: 723586
Ion Ratio	Lower Upper
136	100
137	11.0 9.8 14.6
54	10.9 6.4 9.6#
68	5.9 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 46.152 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF125442.D
Acq: 13 Sep 2021 13:58

Tgt Ion: 82	Resp: 663335
Ion Ratio	Lower Upper
82	100
128	41.0 40.6 60.8
54	60.3 49.6 74.4

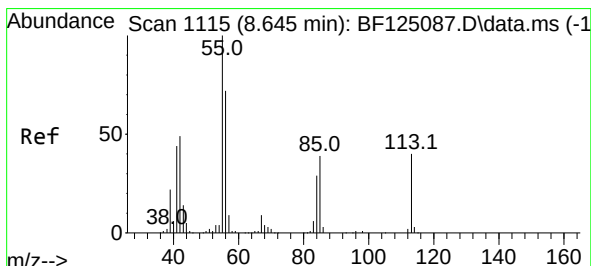
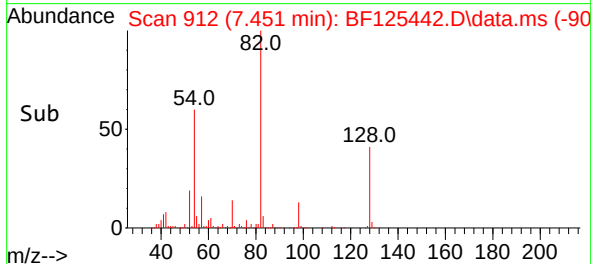
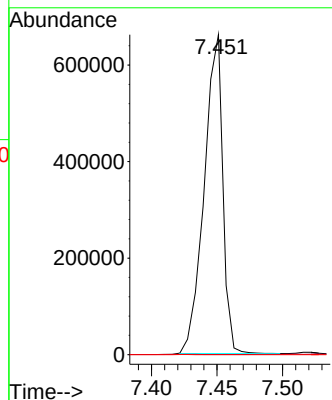
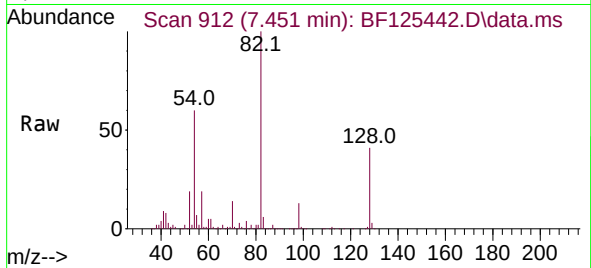




#25
Isophorone
Concen: 23.546 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF125442.D
Acq: 13 Sep 2021 13:58

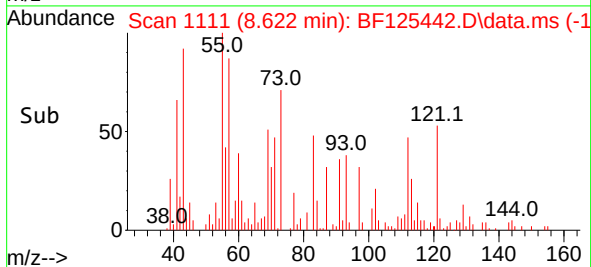
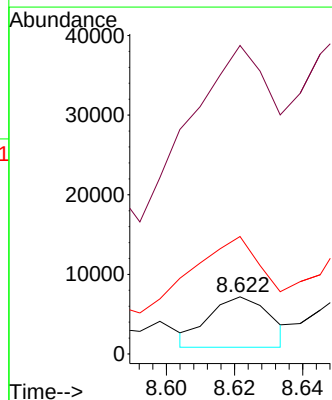
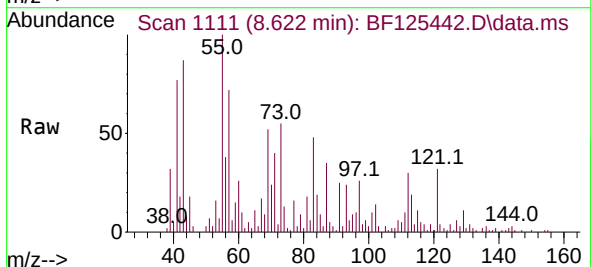
Instrument :
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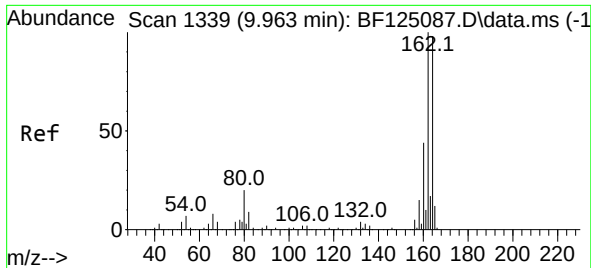
Tgt Ion: 82 Resp: 652849
Ion Ratio Lower Upper
82 100
95 0.1 6.5 9.7#
138 0.0 18.4 27.6#



#35
Caprolactam
Concen: 2.723 ng
RT: 8.622 min Scan# 1111
Delta R.T. -0.012 min
Lab File: BF125442.D
Acq: 13 Sep 2021 13:58

Tgt Ion: 113 Resp: 7876
Ion Ratio Lower Upper
113 100
55 540.5 154.1 194.1#
56 205.8 108.7 148.7#

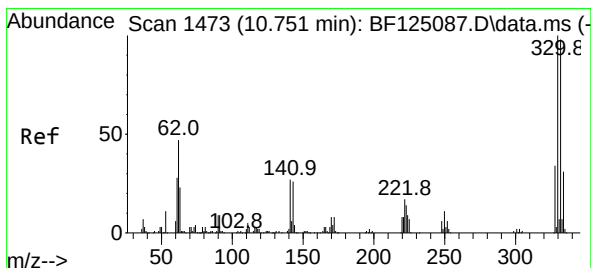
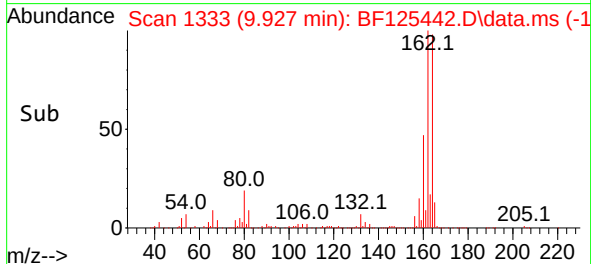
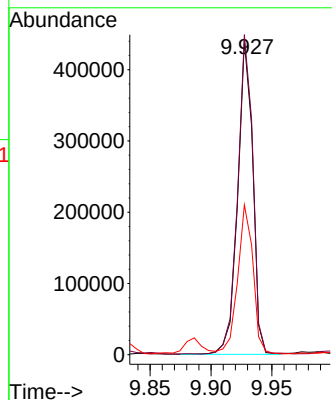
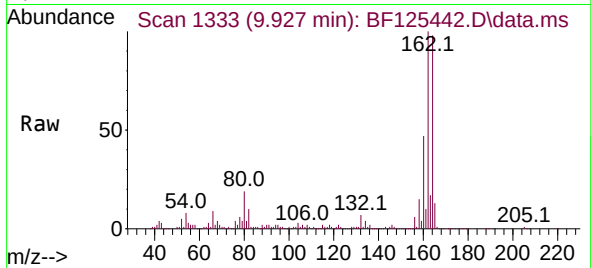




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF125442.D
Acq: 13 Sep 2021 13:58

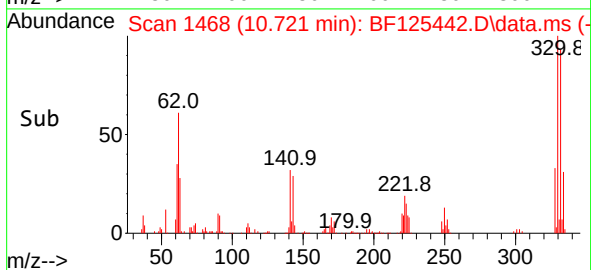
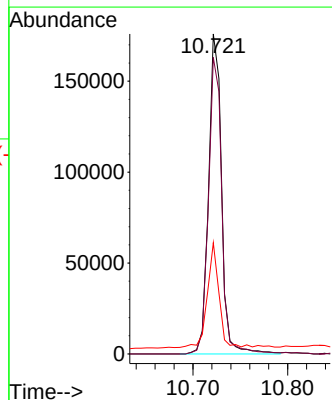
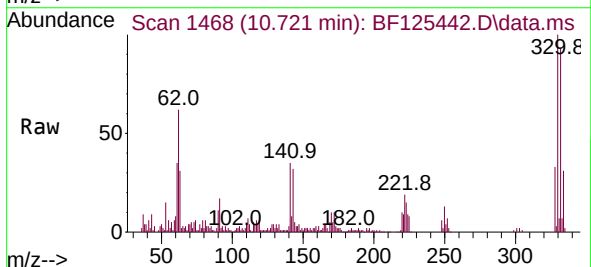
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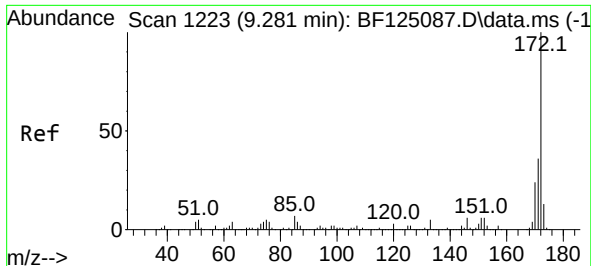
Tgt Ion:164 Resp: 378962
Ion Ratio Lower Upper
164 100
162 102.0 81.3 121.9
160 47.7 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 44.312 ng
RT: 10.721 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF125442.D
Acq: 13 Sep 2021 13:58

Tgt Ion:330 Resp: 167627
Ion Ratio Lower Upper
330 100
332 94.8 76.2 114.4
141 31.2 44.6 66.8#

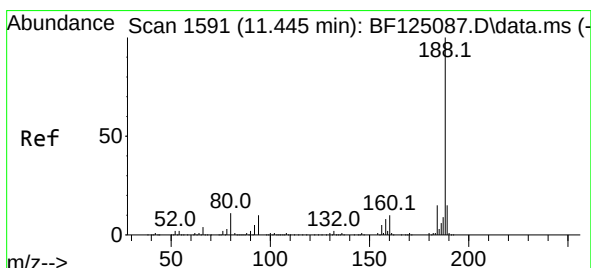
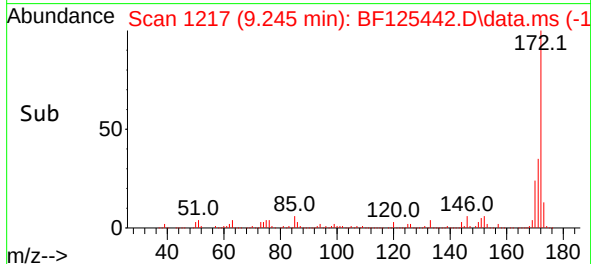
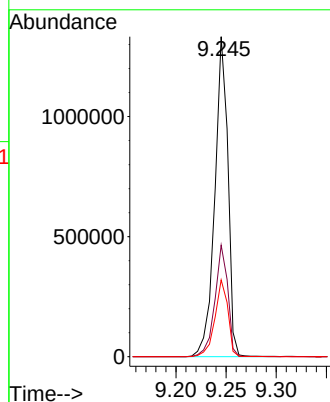
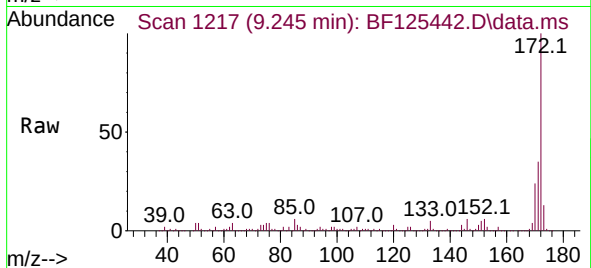




#45
2-Fluorobiphenyl
Concen: 44.620 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125442.D
Acq: 13 Sep 2021 13:58

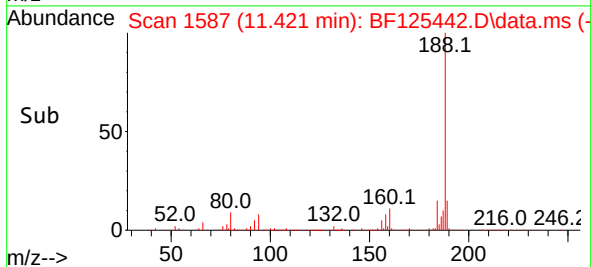
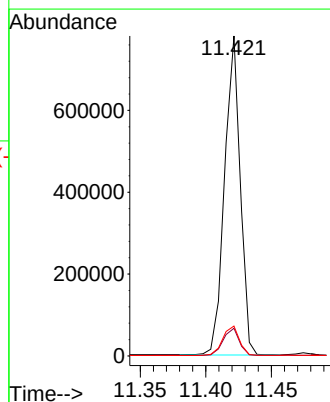
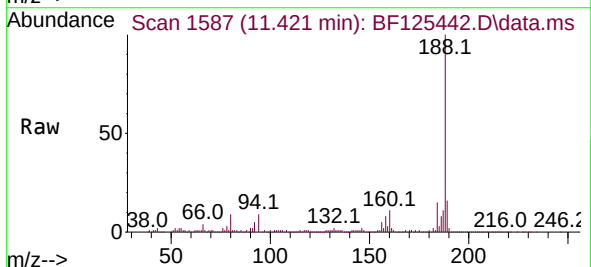
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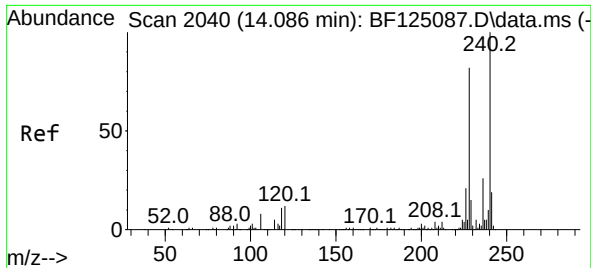
Tgt Ion:172 Resp: 1213248
Ion Ratio Lower Upper
172 100
171 34.8 26.5 39.7
170 24.0 18.8 28.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF125442.D
Acq: 13 Sep 2021 13:58

Tgt Ion:188 Resp: 646134
Ion Ratio Lower Upper
188 100
94 8.6 6.7 10.1
80 9.3 7.5 11.3

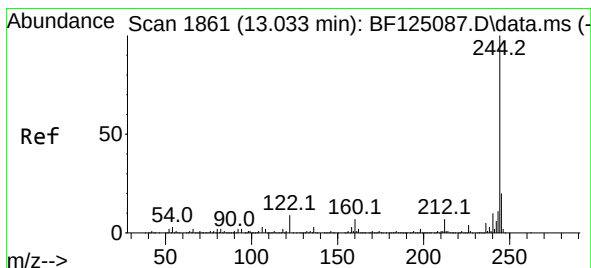
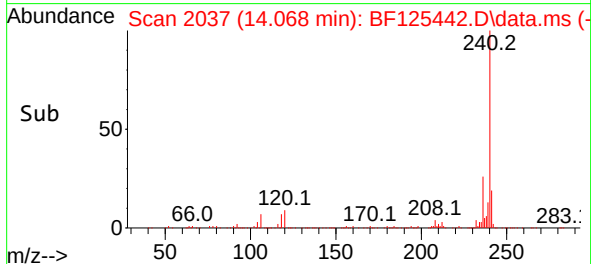
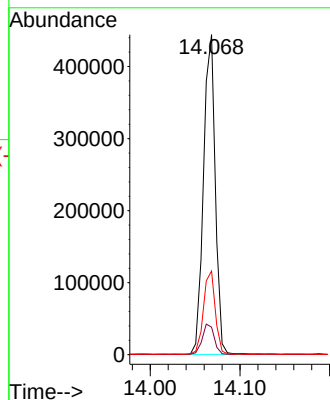
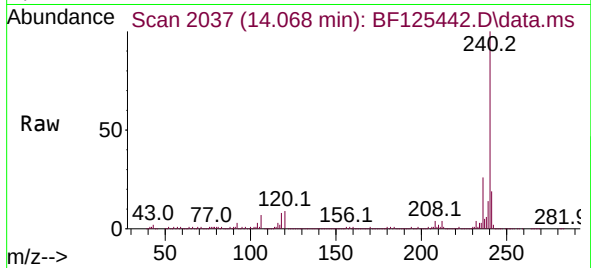




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF125442.D
Acq: 13 Sep 2021 13:58

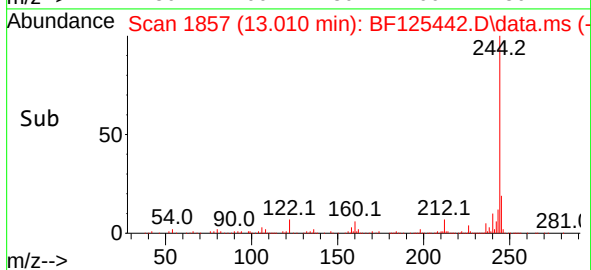
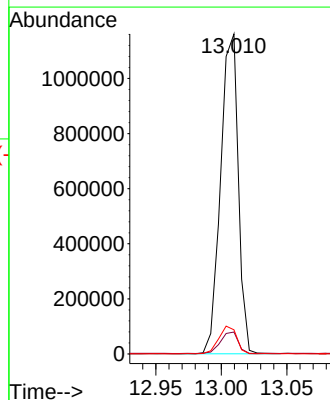
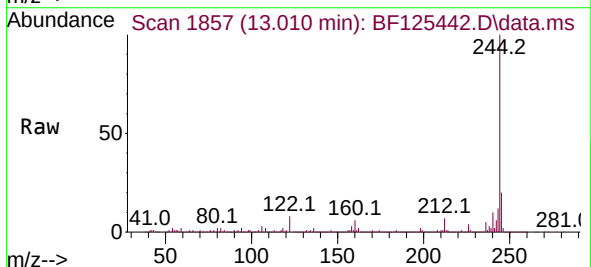
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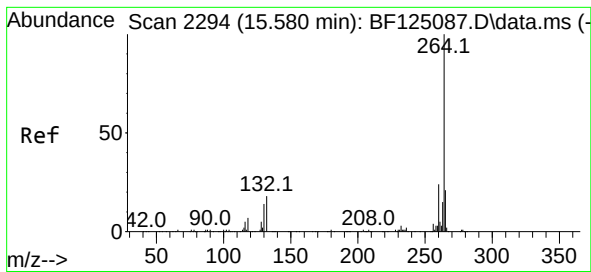
Tgt Ion:240 Resp: 404986
Ion Ratio Lower Upper
240 100
120 8.6 10.8 16.2#
236 26.2 21.6 32.4



#79
Terphenyl-d14
Concen: 42.714 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BF125442.D
Acq: 13 Sep 2021 13:58

Tgt Ion:244 Resp: 1085841
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 7.6 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 2291
 Delta R.T. -0.006 min
 Lab File: BF125442.D
 Acq: 13 Sep 2021 13:58

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:264	Resp:	334793
Ion Ratio	Lower	Upper
264	100	
260	23.7	19.6 29.4
265	21.4	17.2 25.8

