

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100121\
 Data File : BF125755.D
 Acq On : 1 Oct 2021 16:39
 Operator : JU/CG
 Sample : M3998-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MIXED-DEBRIS-2

Quant Time: Oct 01 17:30:32 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 15:38:32 2021
 Response via : Initial Calibration

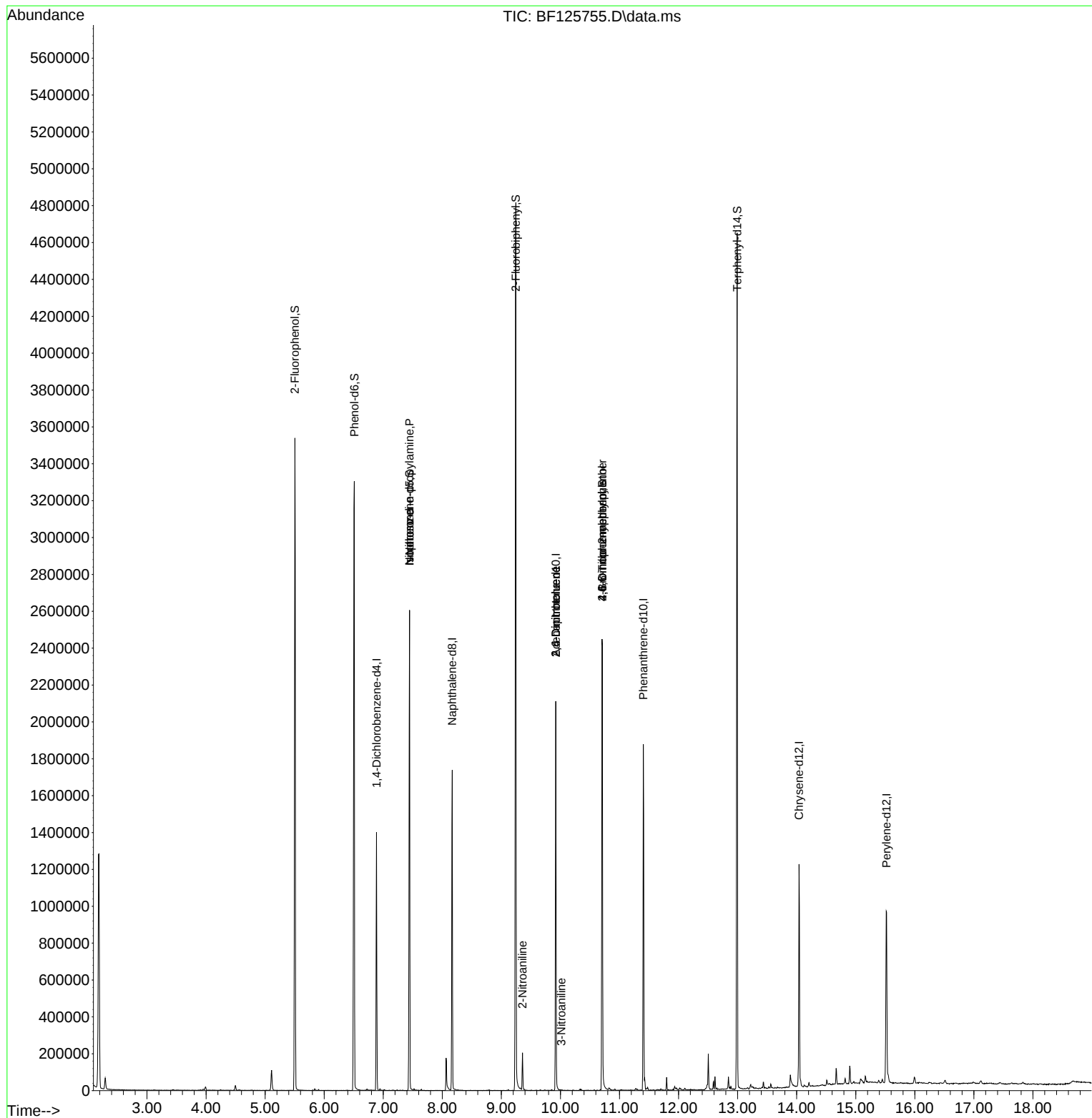
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	195050	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	789491	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	408640	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	690311	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	405908	20.000	ng	0.00
86) Perylene-d12	15.521	264	444051	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1143190	96.564	ng	0.00
7) Phenol-d6	6.510	99	1384942	87.015	ng	0.00
23) Nitrobenzene-d5	7.445	82	826690	73.037	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	362302	95.092	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1671560	71.352	ng	0.00
79) Terphenyl-d14	12.992	244	1521596	64.917	ng	0.00
Target Compounds						
9) Benzaldehyde	6.510	77	1884	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propyla...	7.445	70	101795	11.233	ng	# 50
25) Isophorone	7.445	82	826813	32.617	ng	# 59
48) 2-Nitroaniline	9.357	65	1604	4.406	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	51093	12.446	ng	# 28
53) 3-Nitroaniline	10.016	138	120	3.161	ng	# 9
57) 2,4-Dinitrotoluene	9.922	165	51094	11.376	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.710	198	465	9.126	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	20351	2.809	ng	# 1

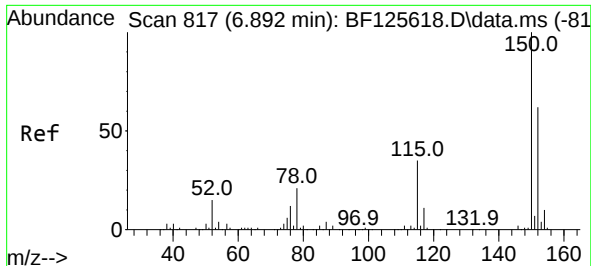
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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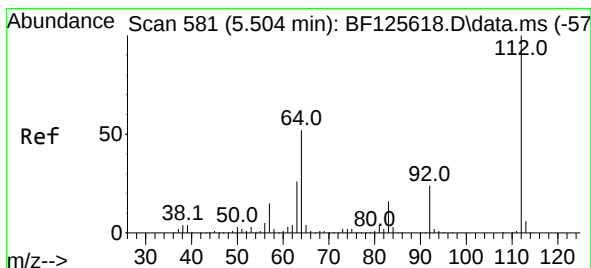
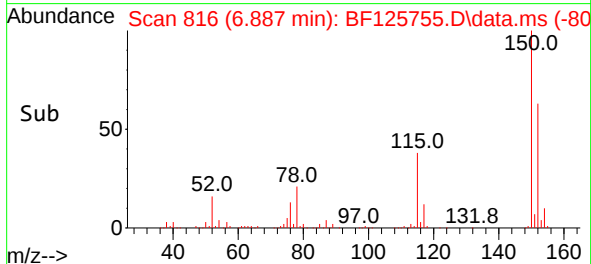
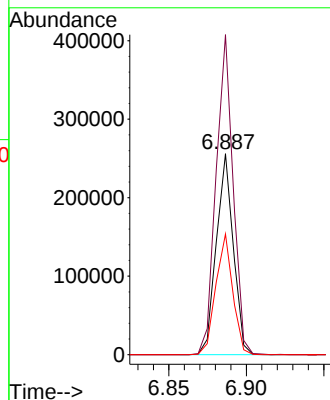
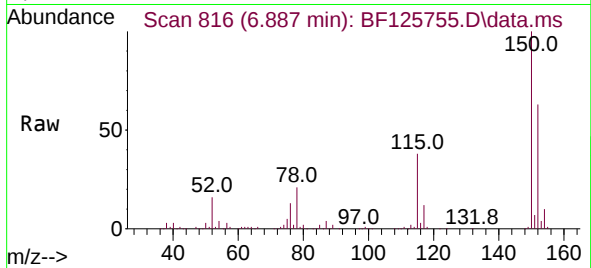




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF125755.D
Acq: 1 Oct 2021 16:39

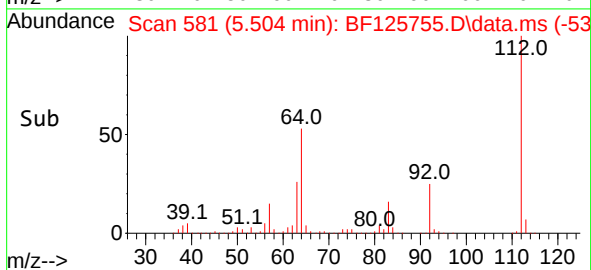
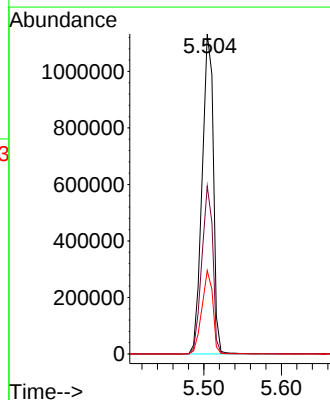
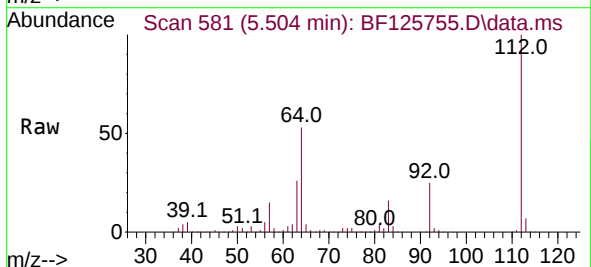
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BNA_F
ClientSampleId :
MIXED-DEBRIS-2

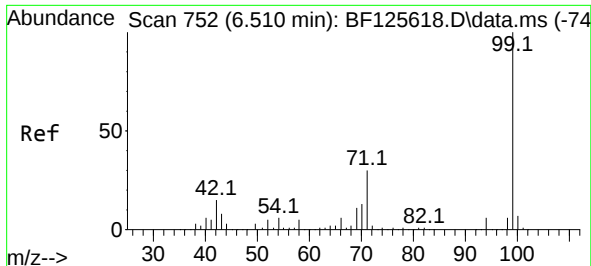
Tgt Ion:152 Resp: 195050
Ion Ratio Lower Upper
152 100
150 159.2 117.6 176.4
115 60.0 47.1 70.7



#5
2-Fluorophenol
Concen: 96.564 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.000 min
Lab File: BF125755.D
Acq: 1 Oct 2021 16:39

Tgt Ion:112 Resp: 1143190
Ion Ratio Lower Upper
112 100
64 52.5 44.2 66.2
63 26.1 26.2 39.2#

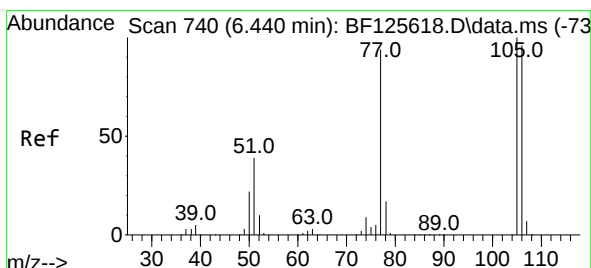
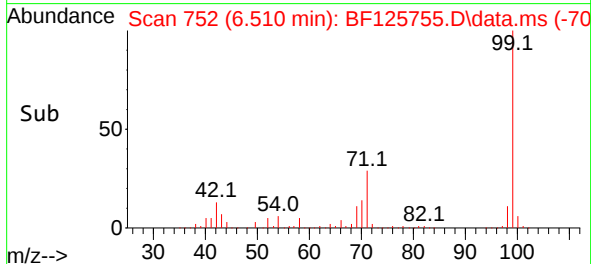
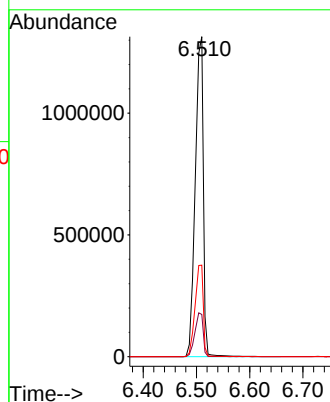
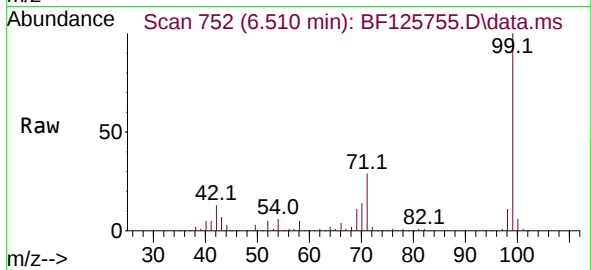




#7
Phenol-d6
Concen: 87.015 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF125755.D
Acq: 1 Oct 2021 16:39

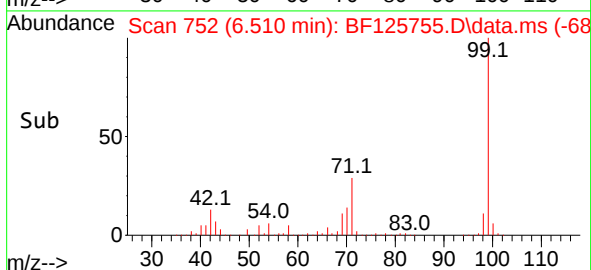
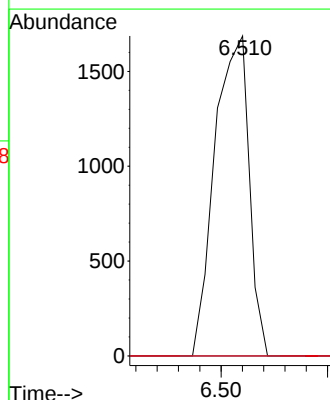
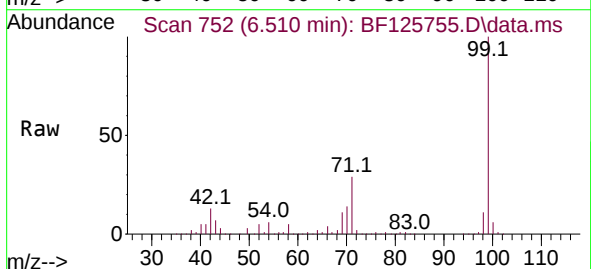
Instrument :
BNA_F
ClientSampleId :
MIXED-DEBRIS-2

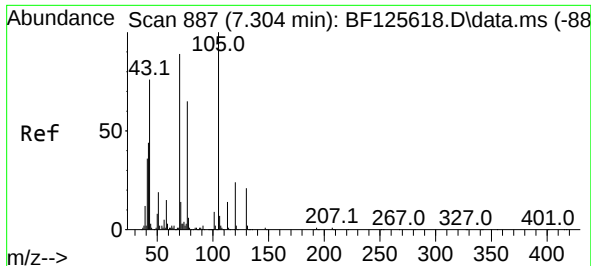
Tgt Ion: 99 Resp: 1384942
Ion Ratio Lower Upper
99 100
42 13.2 23.5 35.3#
71 28.6 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 752
Delta R.T. 0.070 min
Lab File: BF125755.D
Acq: 1 Oct 2021 16:39

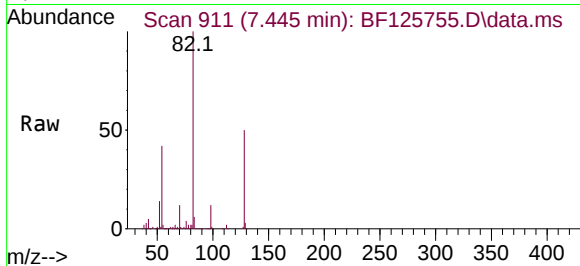
Tgt Ion: 77 Resp: 1884
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



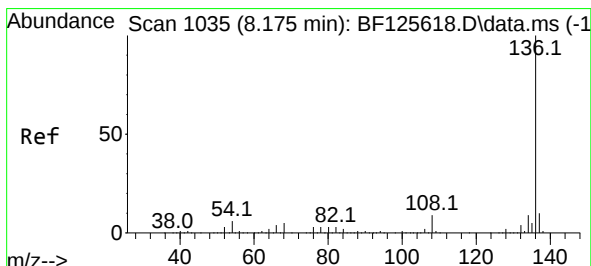
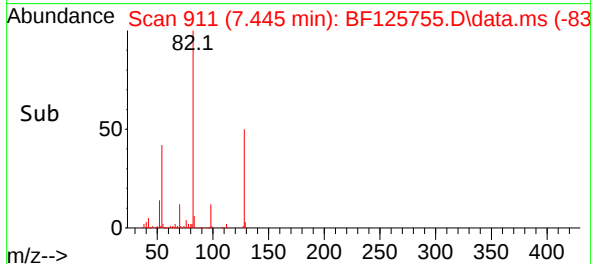
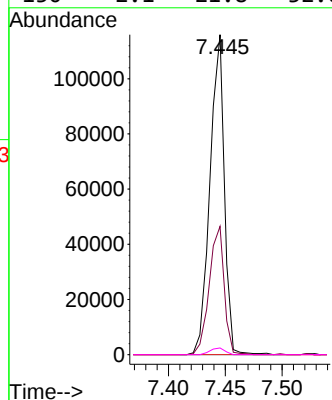


#19
n-Nitroso-di-n-propylamine
Concen: 11.233 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125755.D
Acq: 1 Oct 2021 16:39

Instrument :
BNA_F
ClientSampleId :
MIXED-DEBRIS-2

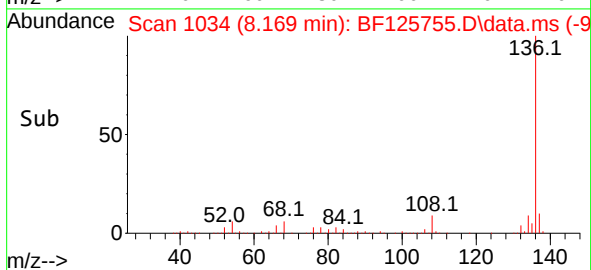
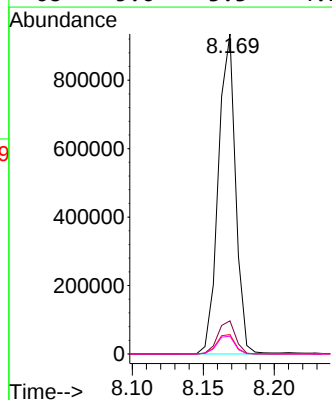
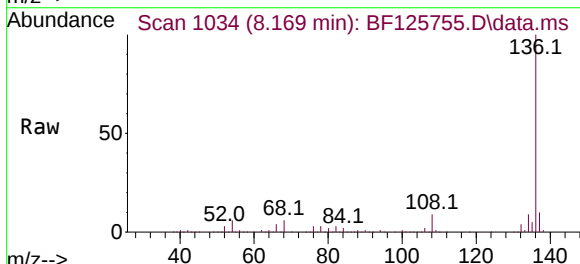


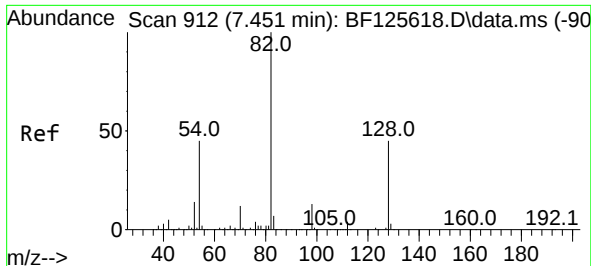
Tgt Ion: 70 Resp: 101795
Ion Ratio Lower Upper
70 100
42 40.1 72.2 108.2#
101 0.0 7.8 11.8#
130 2.1 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125755.D
Acq: 1 Oct 2021 16:39

Tgt Ion: 136 Resp: 789491
Ion Ratio Lower Upper
136 100
137 10.4 9.8 14.6
54 6.1 6.4 9.6#
68 5.6 3.3 4.9#

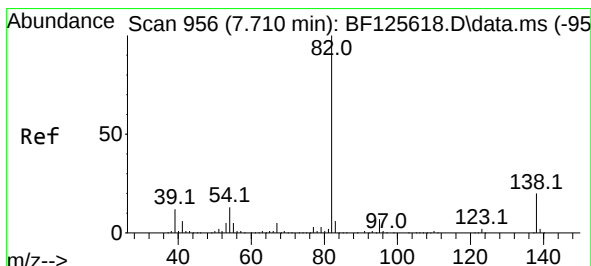
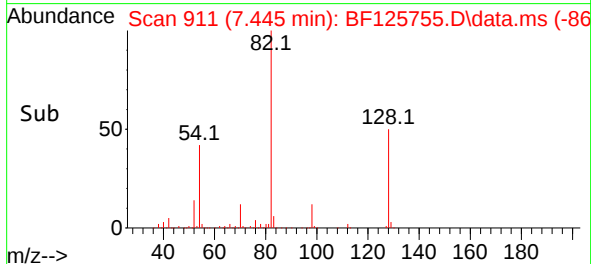
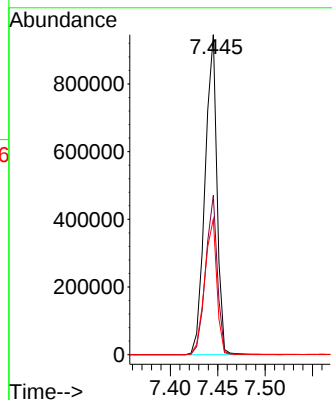
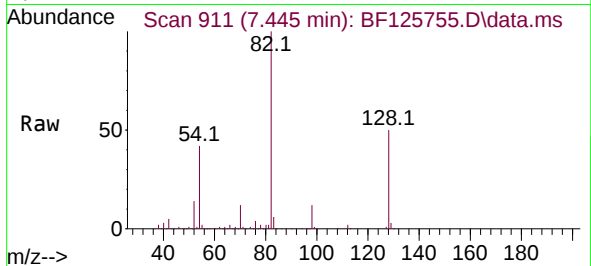




#23
Nitrobenzene-d5
Concen: 73.037 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF125755.D
Acq: 1 Oct 2021 16:39

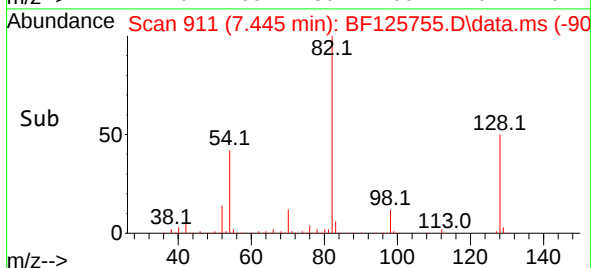
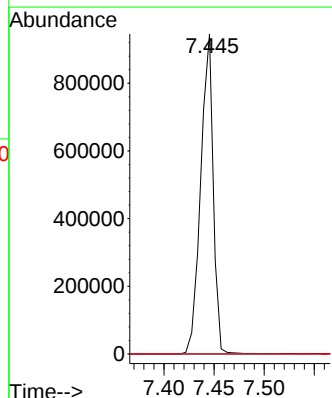
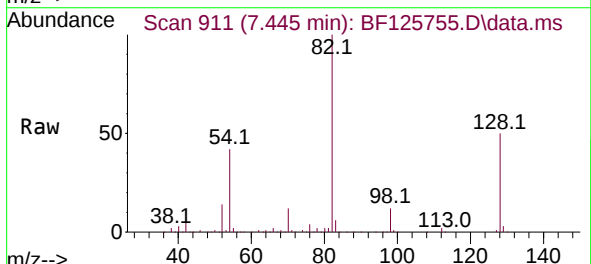
Instrument :
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ClientSampleId :
MIXED-DEBRIS-2

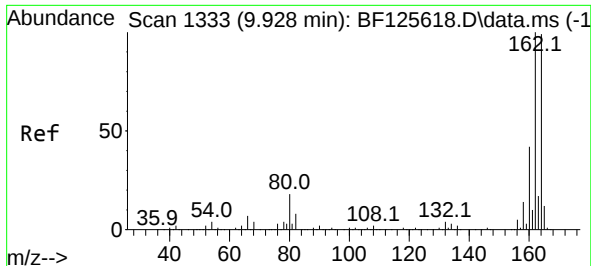
Tgt Ion: 82 Resp: 826690
Ion Ratio Lower Upper
82 100
128 49.8 40.6 60.8
54 42.3 49.6 74.4#



#25
Isophorone
Concen: 32.617 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF125755.D
Acq: 1 Oct 2021 16:39

Tgt Ion: 82 Resp: 826813
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: BF125755.D

Acq: 1 Oct 2021 16:39

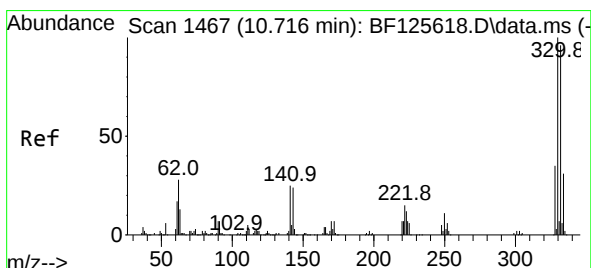
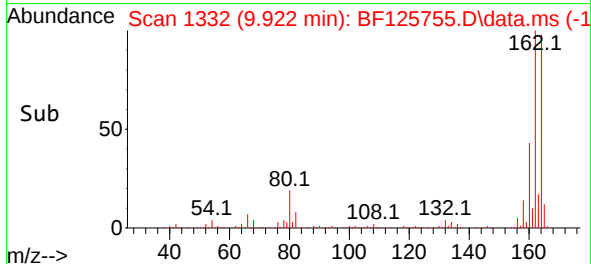
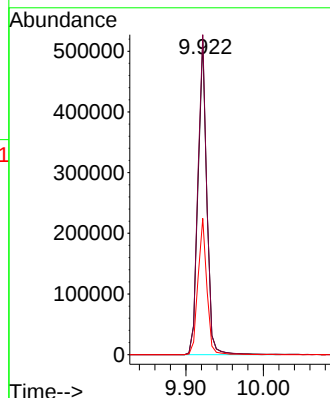
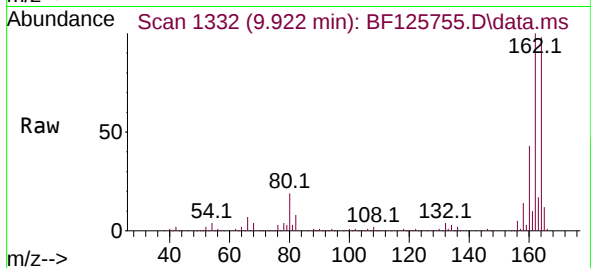
Tgt Ion:164 Resp: 408640

Ion Ratio Lower Upper

164 100

162 101.7 81.3 121.9

160 43.3 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 95.092 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF125755.D

Acq: 1 Oct 2021 16:39

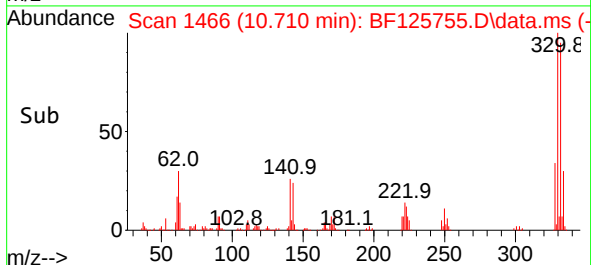
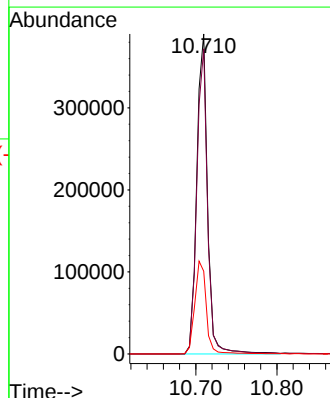
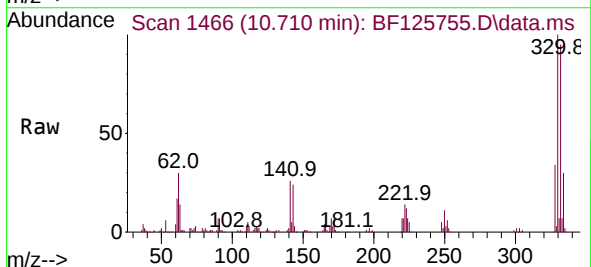
Tgt Ion:330 Resp: 362302

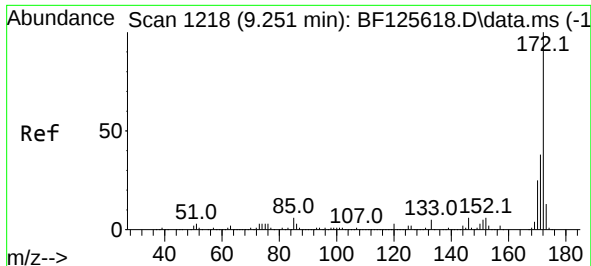
Ion Ratio Lower Upper

330 100

332 95.7 76.2 114.4

141 31.1 44.6 66.8#

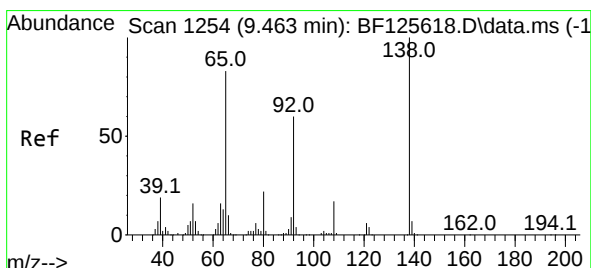
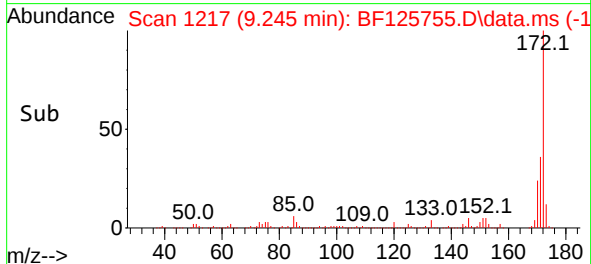
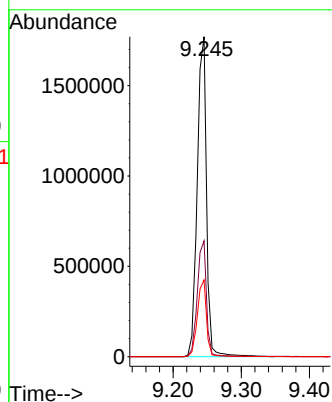
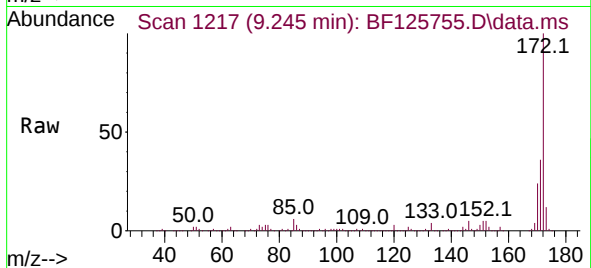




#45
2-Fluorobiphenyl
Concen: 71.352 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125755.D
Acq: 1 Oct 2021 16:39

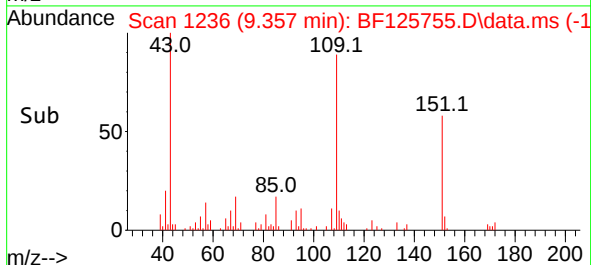
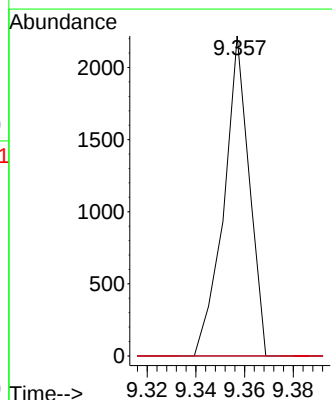
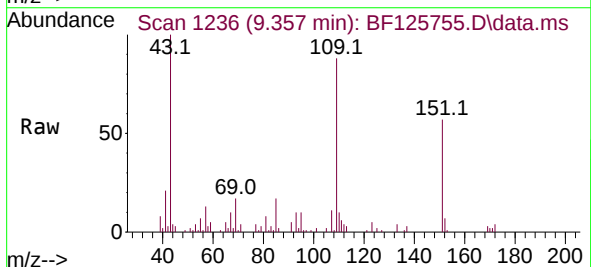
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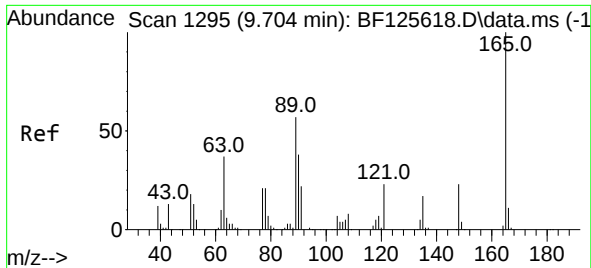
Tgt Ion:172 Resp: 1671560
Ion Ratio Lower Upper
172 100
171 36.2 26.5 39.7
170 24.0 18.8 28.2



#48
2-Nitroaniline
Concen: 4.406 ng
RT: 9.357 min Scan# 1236
Delta R.T. -0.106 min
Lab File: BF125755.D
Acq: 1 Oct 2021 16:39

Tgt Ion: 65 Resp: 1604
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 93.5 140.3#

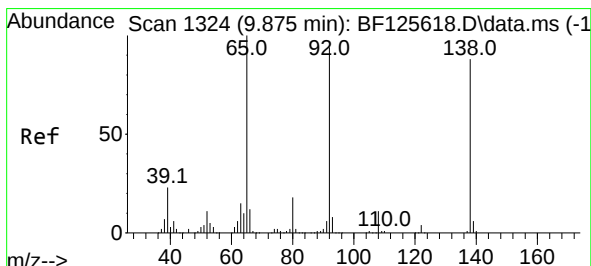
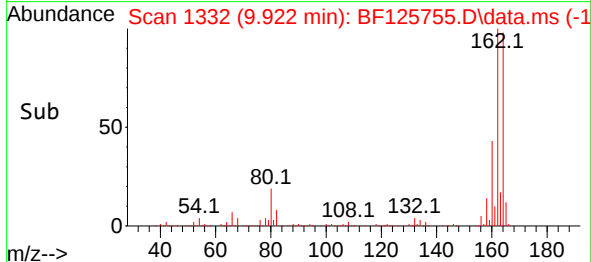
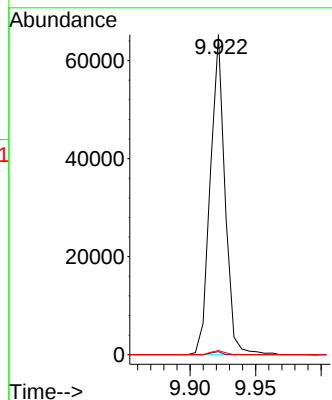
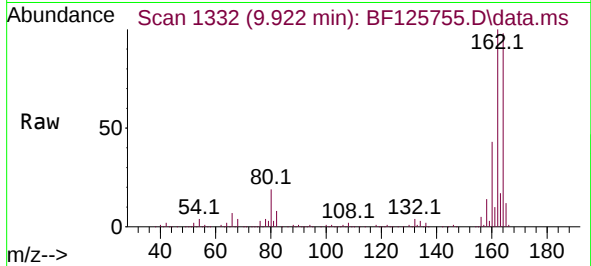




#51
2,6-Dinitrotoluene
Concen: 12.446 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125755.D
Acq: 1 Oct 2021 16:39

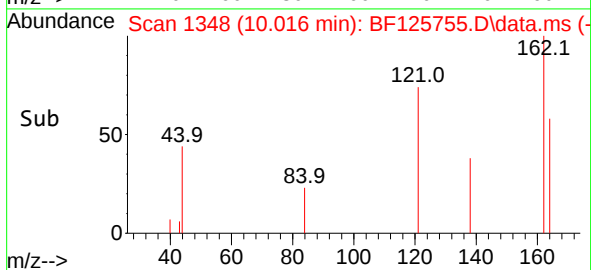
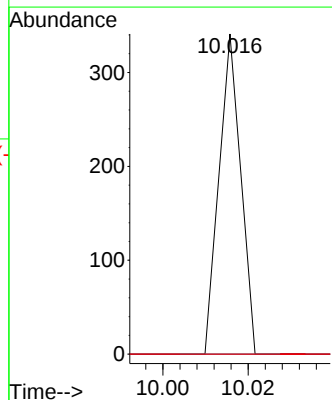
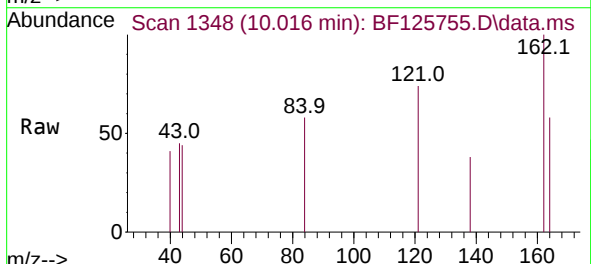
Instrument :
BNA_F
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MIXED-DEBRIS-2

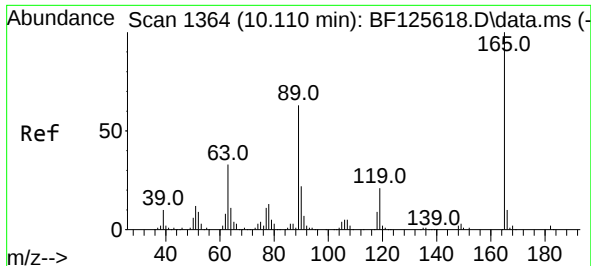
Tgt Ion:165 Resp: 51093
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.3 40.6 60.8#



#53
3-Nitroaniline
Concen: 3.161 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.141 min
Lab File: BF125755.D
Acq: 1 Oct 2021 16:39

Tgt Ion:138 Resp: 120
Ion Ratio Lower Upper
138 100
108 0.0 9.3 13.9#
92 0.0 76.5 114.7#

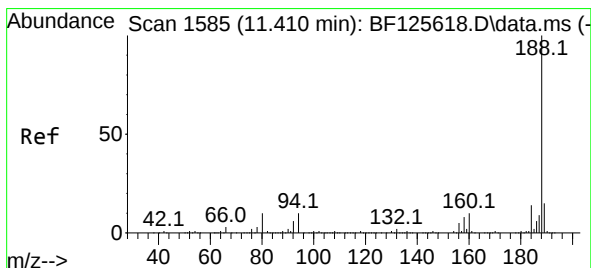
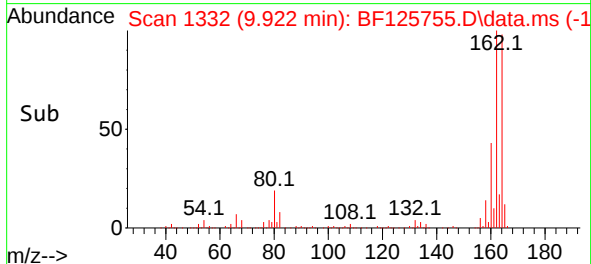
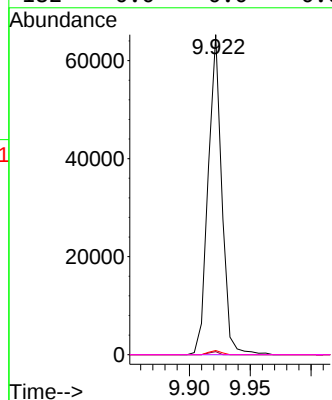
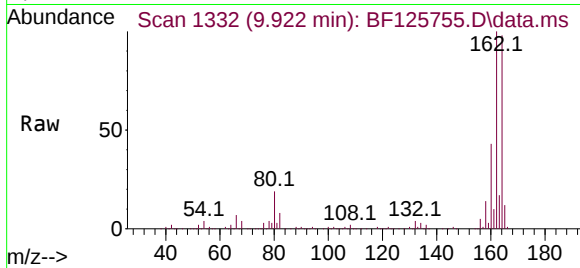




#57
2,4-Dinitrotoluene
Concen: 11.376 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125755.D
Acq: 1 Oct 2021 16:39

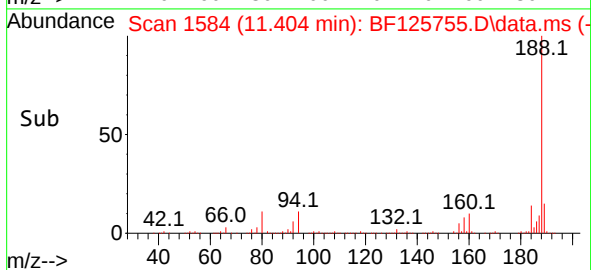
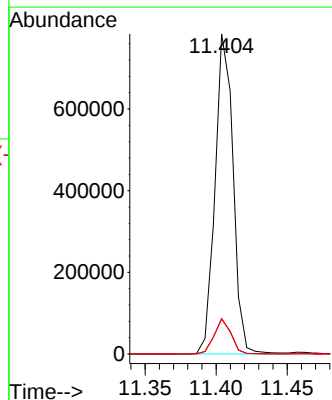
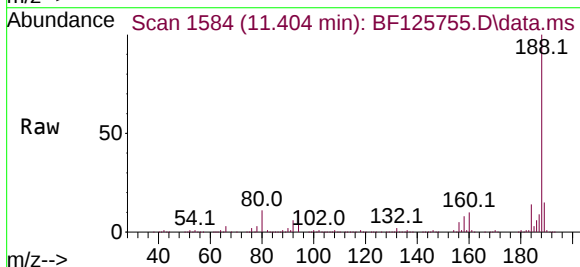
Instrument :
BNA_F
ClientSampleId :
MIXED-DEBRIS-2

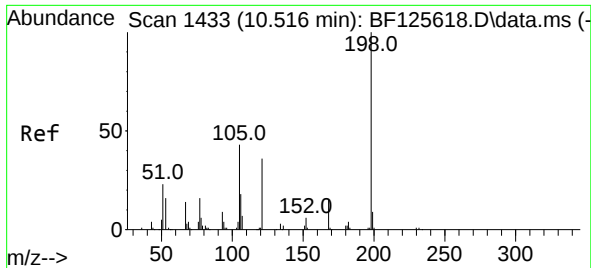
Tgt Ion:165	Resp:	51094
Ion Ratio	Lower	Upper
165	100	
63	1.0	40.9 61.3#
89	1.3	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125755.D
Acq: 1 Oct 2021 16:39

Tgt Ion:188	Resp:	690311
Ion Ratio	Lower	Upper
188	100	
94	11.1	6.7 10.1#
80	10.9	7.5 11.3

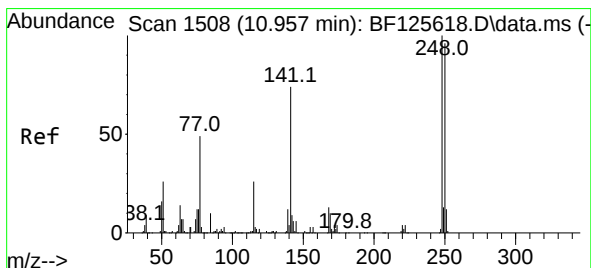
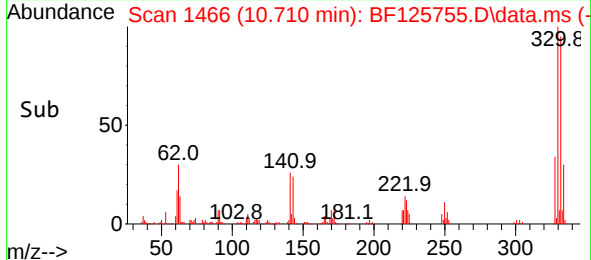
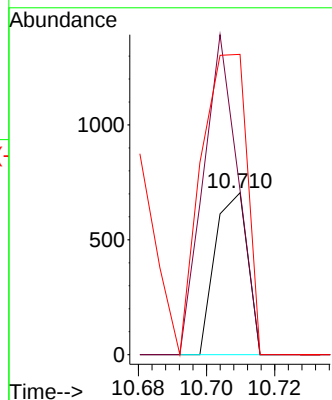
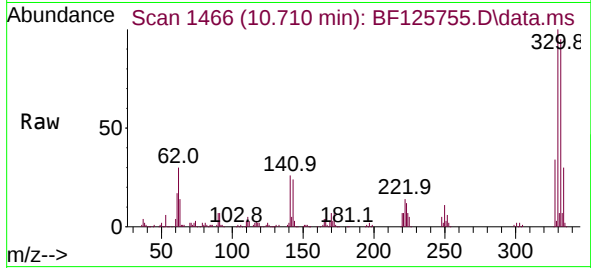




#65
4,6-Dinitro-2-methylphenol
Concen: 9.126 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF125755.D
Acq: 1 Oct 2021 16:39

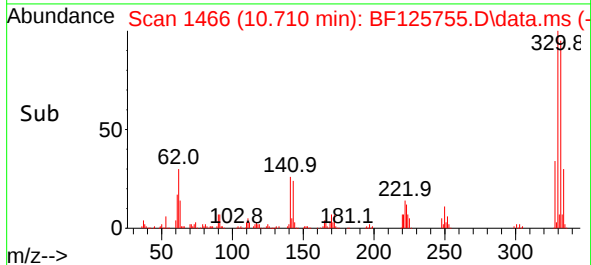
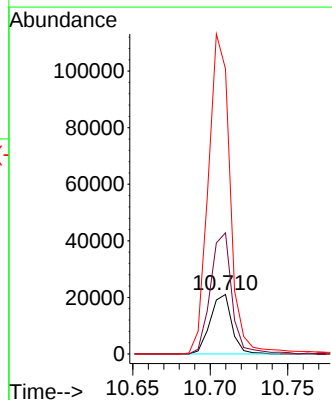
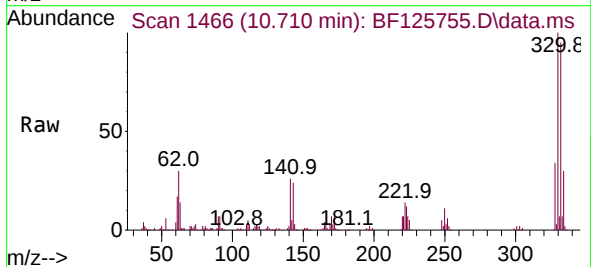
Instrument :
BNA_F
ClientSampleId :
MIXED-DEBRIS-2

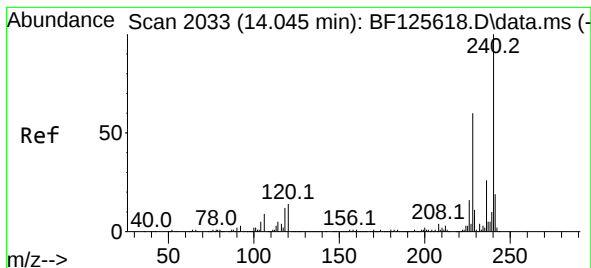
Tgt Ion:198 Resp: 465
Ion Ratio Lower Upper
198 100
51 101.6 45.3 85.3#
105 185.4 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 2.809 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF125755.D
Acq: 1 Oct 2021 16:39

Tgt Ion:248 Resp: 20351
Ion Ratio Lower Upper
248 100
250 203.7 74.2 111.4#
141 479.4 60.4 90.6#

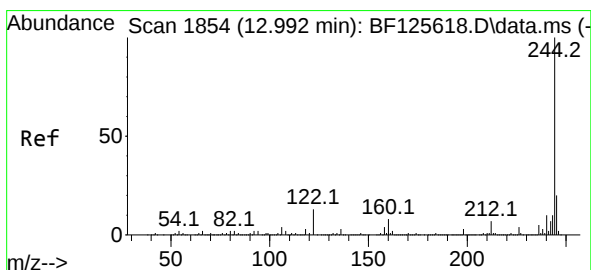
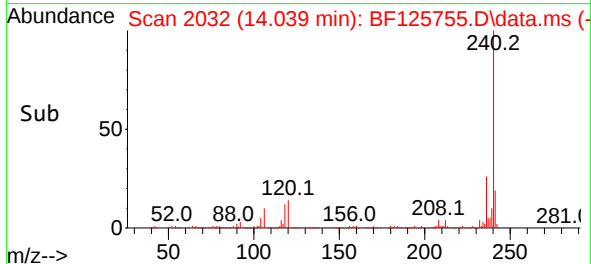
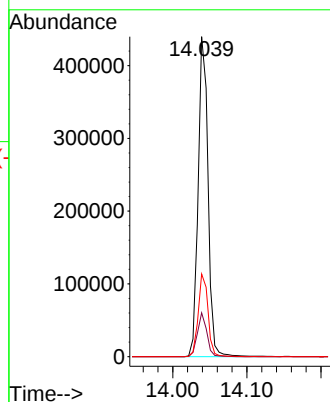
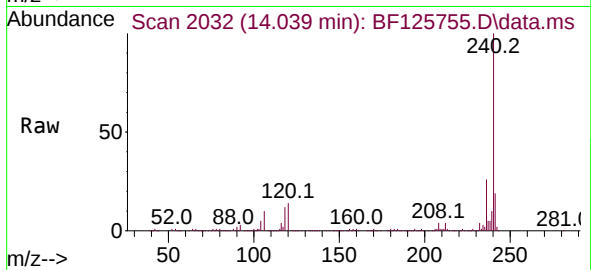




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125755.D
Acq: 1 Oct 2021 16:39

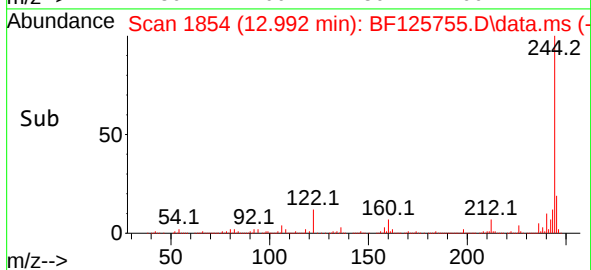
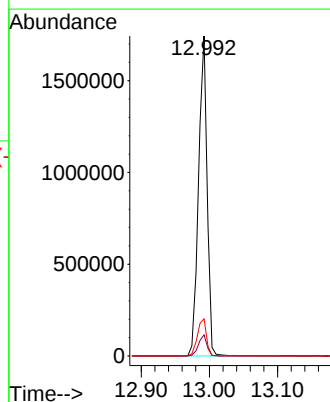
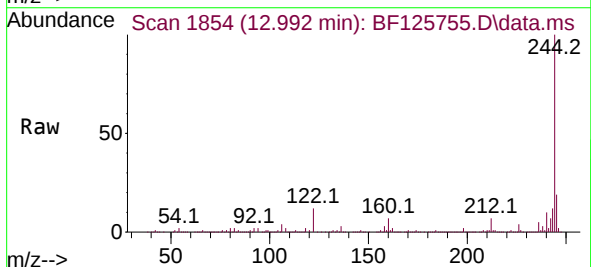
Instrument :
BNA_F
ClientSampleId :
MIXED-DEBRIS-2

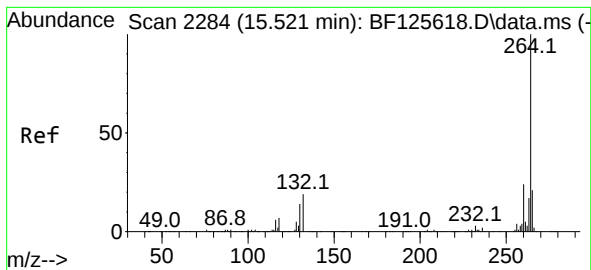
Tgt Ion:240 Resp: 405908
Ion Ratio Lower Upper
240 100
120 13.7 10.8 16.2
236 25.8 21.6 32.4



#79
Terphenyl-d14
Concen: 64.917 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF125755.D
Acq: 1 Oct 2021 16:39

Tgt Ion:244 Resp: 1521596
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 11.6 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2284
Delta R.T. 0.000 min
Lab File: BF125755.D
Acq: 1 Oct 2021 16:39

Instrument :
BNA_F
ClientSampleId :
MIXED-DEBRIS-2

Tgt Ion:264 Resp: 444051

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.6	29.4
265	20.8	17.2	25.8

