

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100121\
 Data File : BF125757.D
 Acq On : 1 Oct 2021 17:43
 Operator : JU/CG
 Sample : M3998-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MIXED-DEBRIS-1

Quant Time: Oct 02 03:12:37 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)

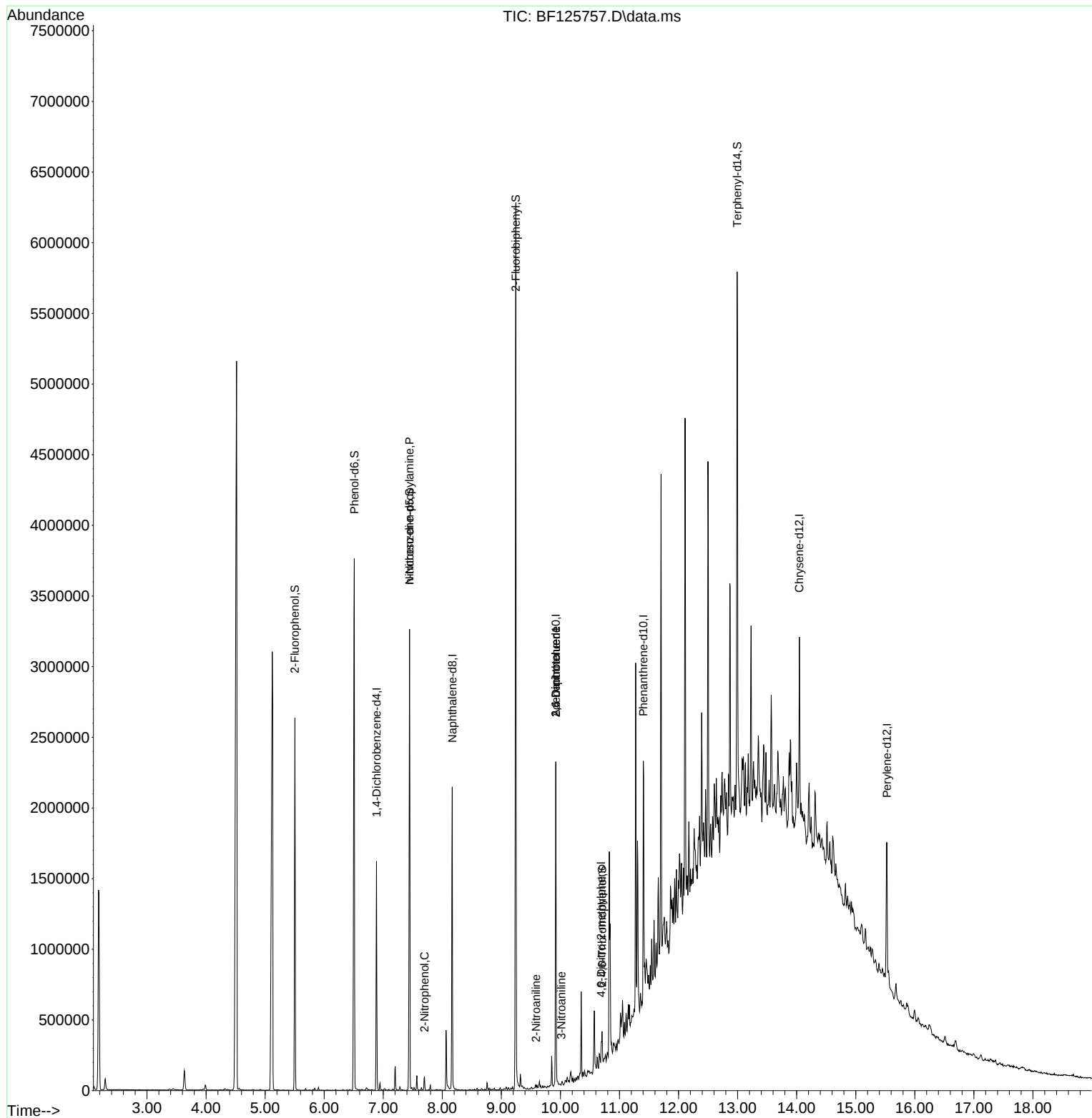
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	231971	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	935882	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	458735	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	653201	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	433499	20.000	ng	0.00
86) Perylene-d12	15.527	264	499117	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	733138	52.071	ng	0.00
7) Phenol-d6	6.510	99	1542868	81.509	ng	0.00
23) Nitrobenzene-d5	7.445	82	1080580	80.534	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	31295	7.317	ng	-0.01
45) 2-Fluorobiphenyl	9.245	172	2047402	79.297	ng	0.00
79) Terphenyl-d14	12.992	244	1417501	56.627	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.434	77	686	Below Cal		90
19) n-Nitroso-di-n-propyla...	7.445	70	135562	12.578 ng	#	50
26) 2-Nitrophenol	7.698	139	803	5.833 ng	#	52
48) 2-Nitroaniline	9.586	65	118	4.174 ng	#	1
51) 2,6-Dinitrotoluene	9.922	165	60194	12.858 ng	#	27
53) 3-Nitroaniline	10.016	138	118	3.158 ng	#	9
57) 2,4-Dinitrotoluene	9.922	165	60194	11.701 ng	#	19
65) 4,6-Dinitro-2-methylph...	10.692	198	134	9.047 ng	#	1

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

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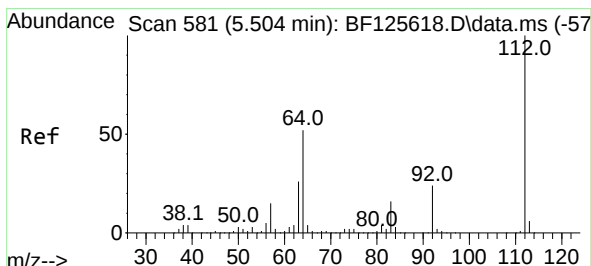
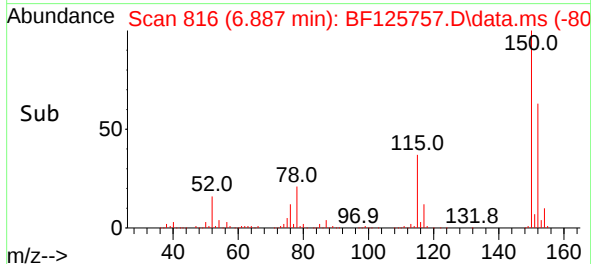
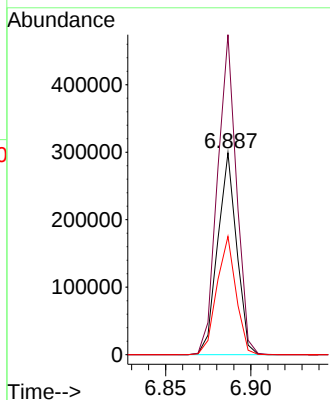
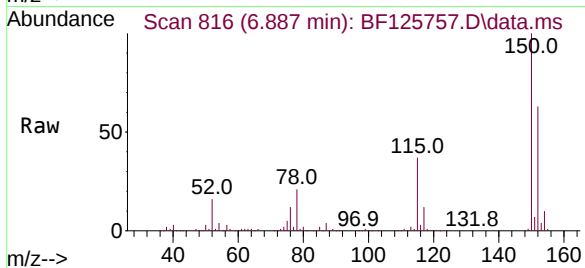




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF125757.D
Acq: 1 Oct 2021 17:43

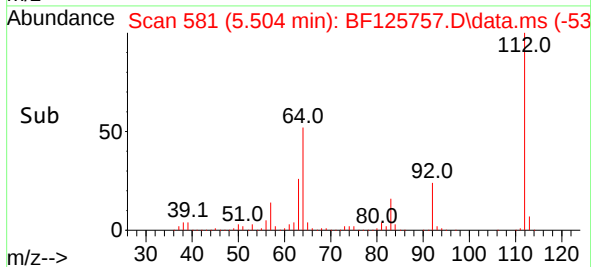
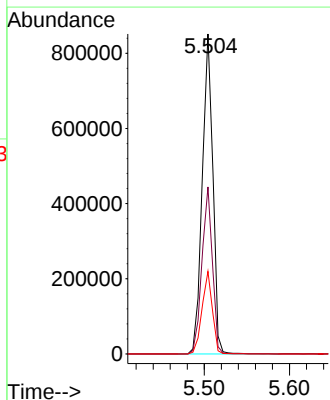
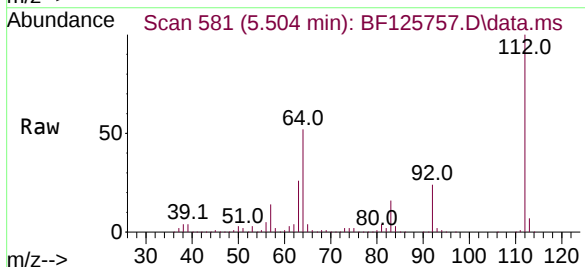
Instrument :
BNA_F
ClientSampleId :
MIXED-DEBRIS-1

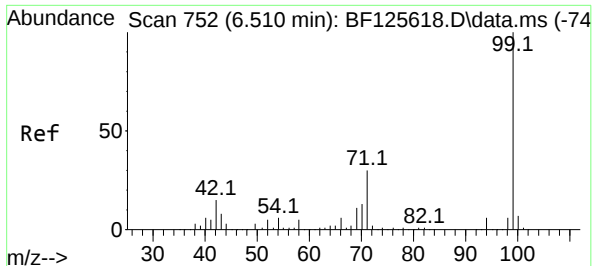
Tgt Ion:152 Resp: 231971
Ion Ratio Lower Upper
152 100
150 158.5 117.6 176.4
115 58.6 47.1 70.7



#5
2-Fluorophenol
Concen: 52.071 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.000 min
Lab File: BF125757.D
Acq: 1 Oct 2021 17:43

Tgt Ion:112 Resp: 733138
Ion Ratio Lower Upper
112 100
64 52.2 44.2 66.2
63 25.8 26.2 39.2#

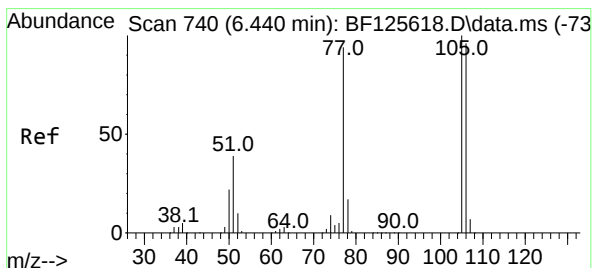
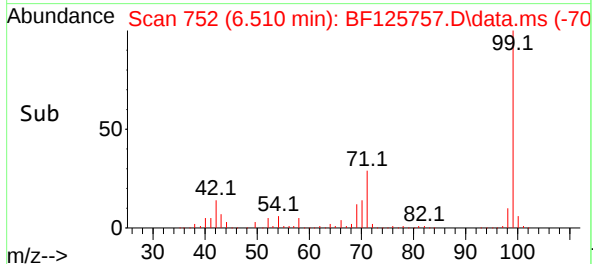
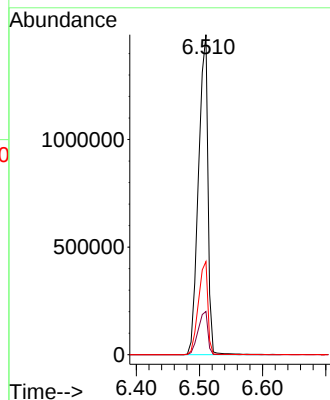
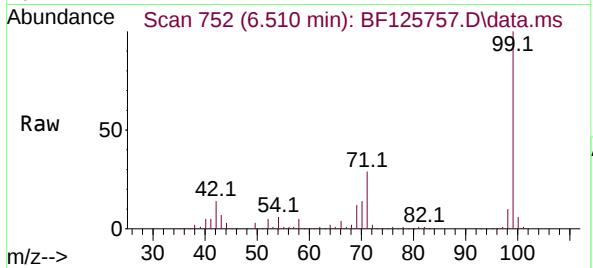




#7
Phenol-d6
Concen: 81.509 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF125757.D
Acq: 1 Oct 2021 17:43

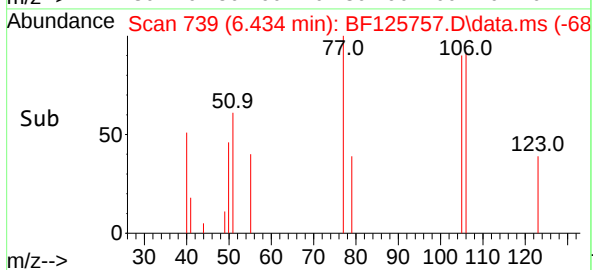
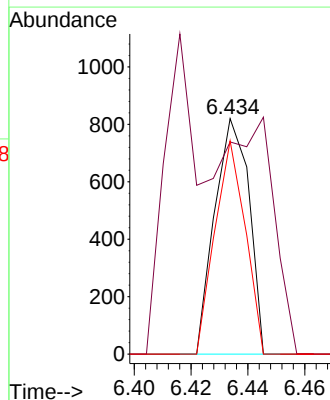
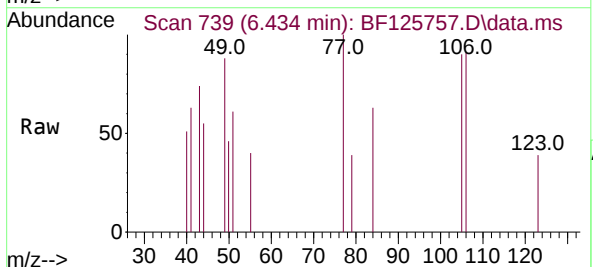
Instrument :
BNA_F
ClientSampleId :
MIXED-DEBRIS-1

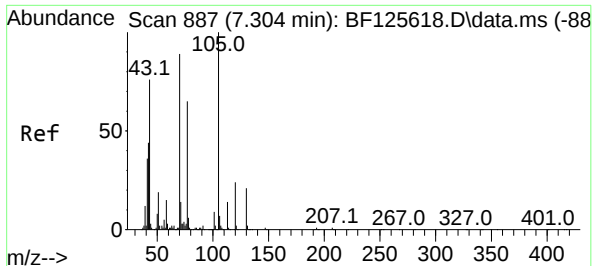
Tgt Ion: 99 Resp: 1542868
Ion Ratio Lower Upper
99 100
42 13.5 23.5 35.3#
71 29.1 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.434 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF125757.D
Acq: 1 Oct 2021 17:43

Tgt Ion: 77 Resp: 686
Ion Ratio Lower Upper
77 100
105 90.1 75.9 115.9
106 90.6 84.0 124.0

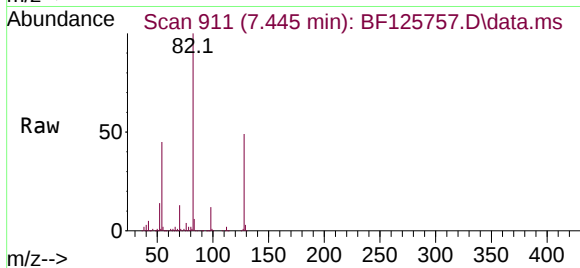




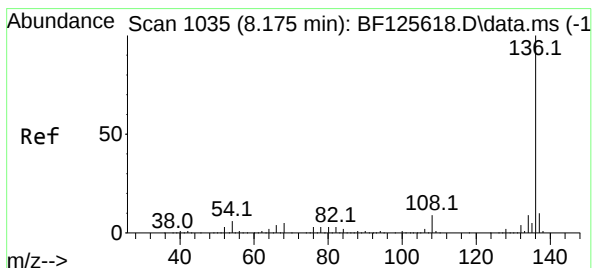
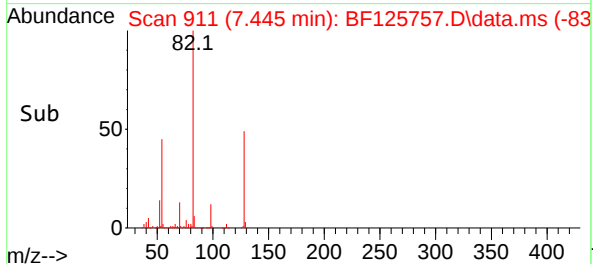
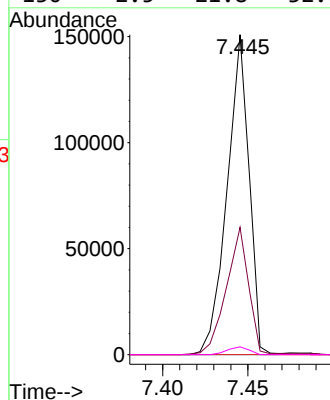
#19

n-Nitroso-di-n-propylamine
 Concen: 12.578 ng
 RT: 7.445 min Scan# 911
 Delta R.T. 0.141 min
 Lab File: BF125757.D
 Acq: 1 Oct 2021 17:43

Instrument :
 BNA_F
 ClientSampleId :
 MIXED-DEBRIS-1



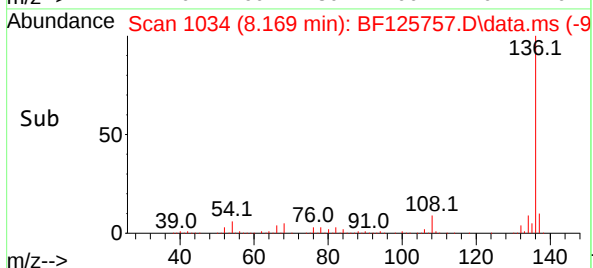
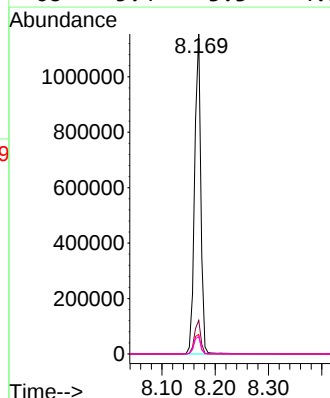
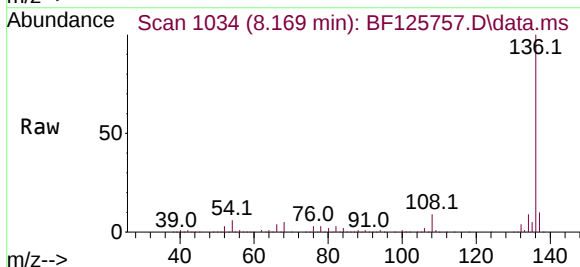
Tgt Ion: 70	Resp: 135562
Ion Ratio	Lower Upper
70	100
42	39.8 72.2 108.2#
101	0.0 7.8 11.8#
130	2.5 21.8 32.6#

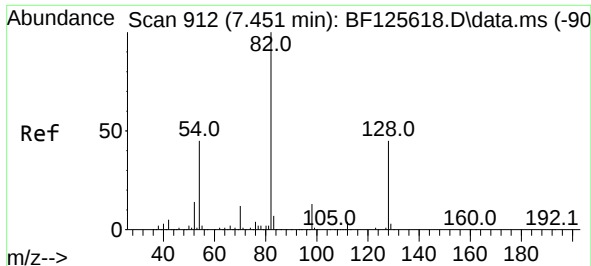


#21

Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.169 min Scan# 1034
 Delta R.T. -0.006 min
 Lab File: BF125757.D
 Acq: 1 Oct 2021 17:43

Tgt Ion: 136	Resp: 935882
Ion Ratio	Lower Upper
136	100
137	10.5 9.8 14.6
54	6.1 6.4 9.6#
68	5.4 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 80.534 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF125757.D

Acq: 1 Oct 2021 17:43

Instrument :

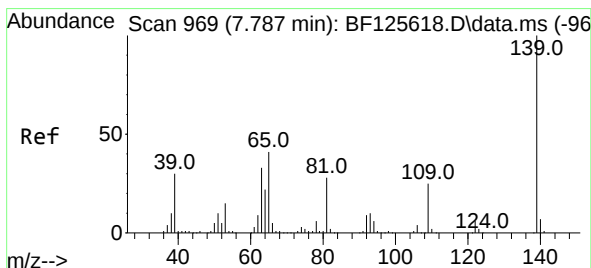
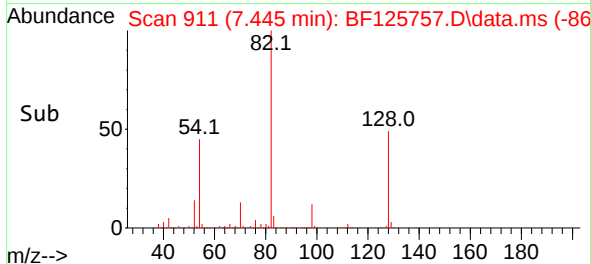
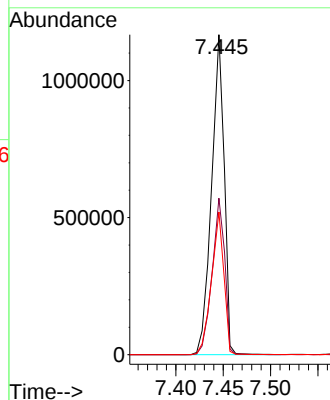
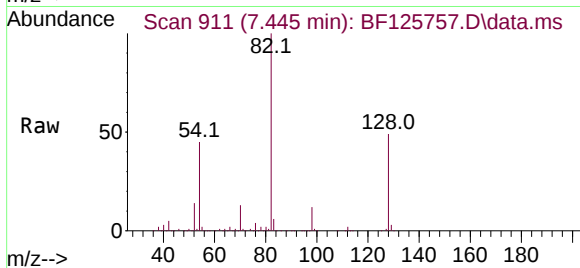
BNA_F

ClientSampleId :

MIXED-DEBRIS-1

Tgt Ion: 82 Resp: 1080580

Ion	Ratio	Lower	Upper
82	100		
128	48.9	40.6	60.8
54	44.6	49.6	74.4#



#26

2-Nitrophenol

Concen: 5.833 ng

RT: 7.698 min Scan# 954

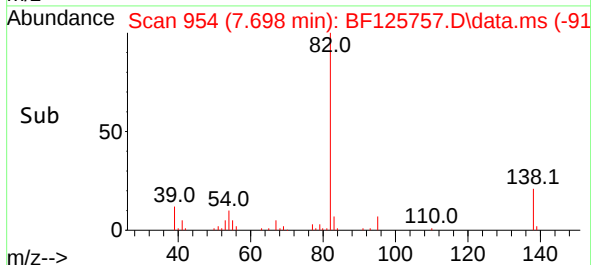
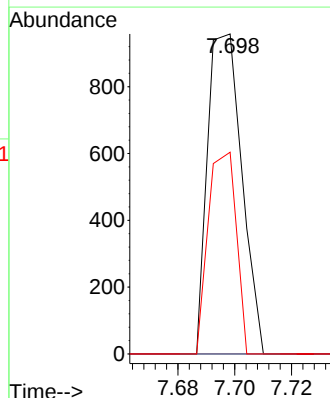
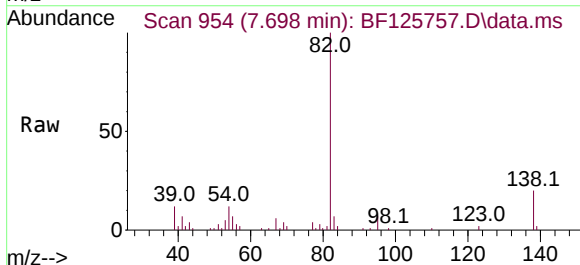
Delta R.T. -0.089 min

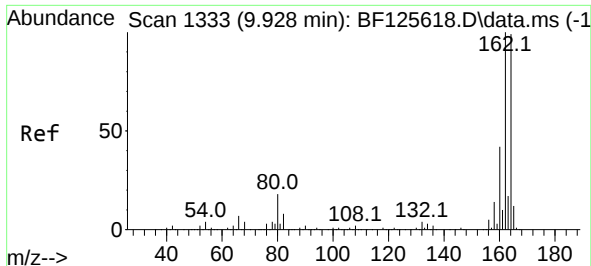
Lab File: BF125757.D

Acq: 1 Oct 2021 17:43

Tgt Ion:139 Resp: 803

Ion	Ratio	Lower	Upper
139	100		
109	0.0	26.0	39.0#
65	63.0	31.0	46.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1332

Delta R.T. -0.006 min

Lab File: BF125757.D

Acq: 1 Oct 2021 17:43

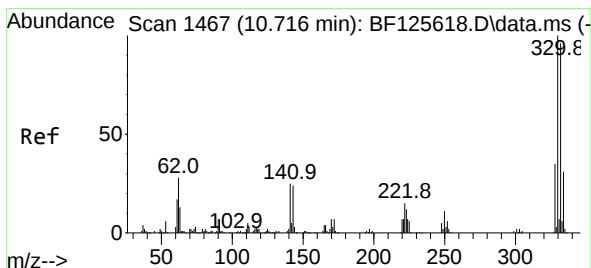
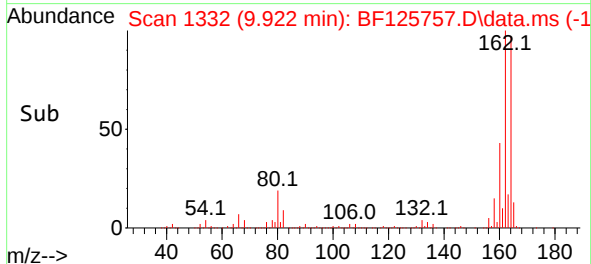
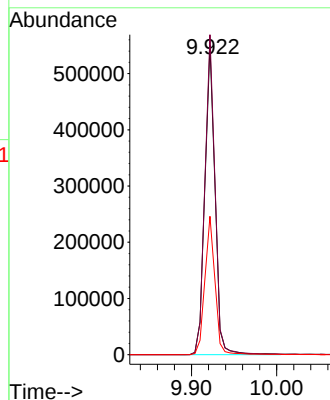
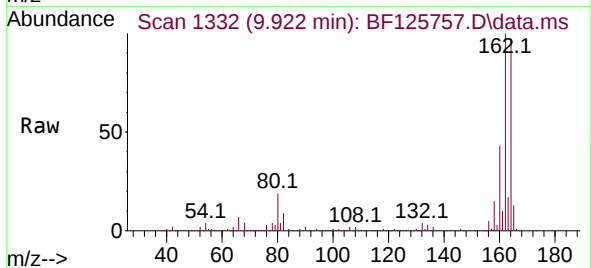
Tgt Ion:164 Resp: 458735

Ion Ratio Lower Upper

164 100

162 103.4 81.3 121.9

160 44.8 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 7.317 ng

RT: 10.704 min Scan# 1465

Delta R.T. -0.012 min

Lab File: BF125757.D

Acq: 1 Oct 2021 17:43

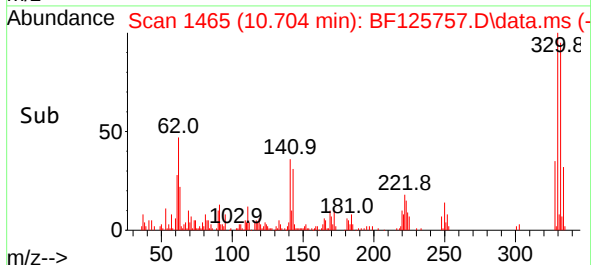
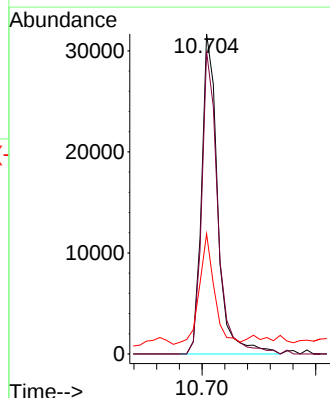
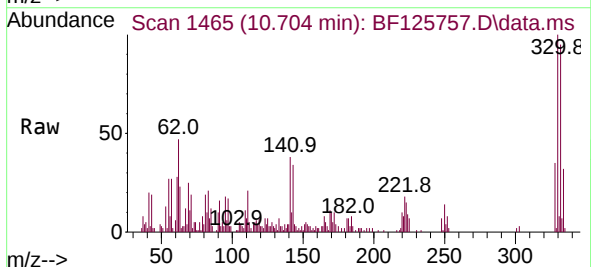
Tgt Ion:330 Resp: 31295

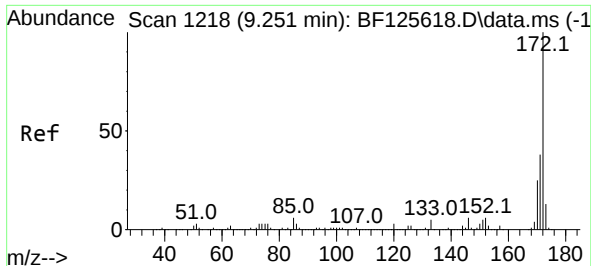
Ion Ratio Lower Upper

330 100

332 94.9 76.2 114.4

141 32.3 44.6 66.8#

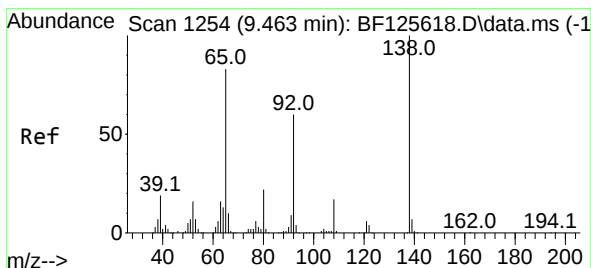
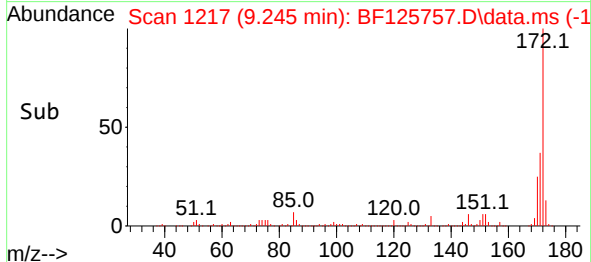
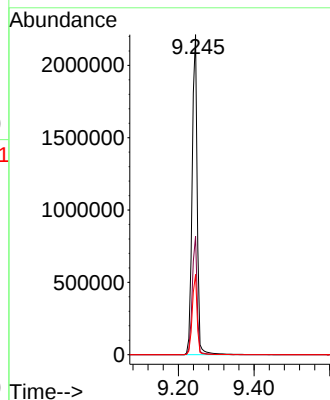
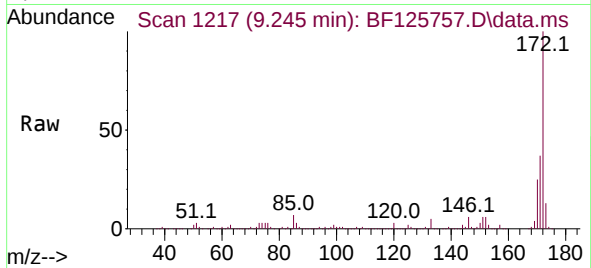




#45
2-Fluorobiphenyl
Concen: 79.297 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125757.D
Acq: 1 Oct 2021 17:43

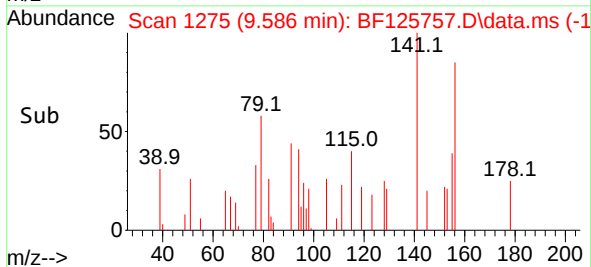
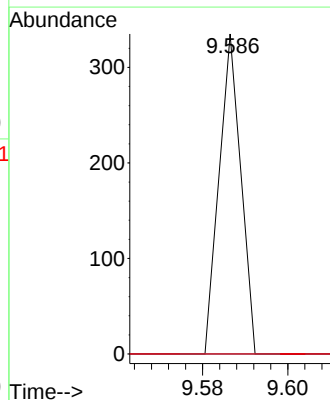
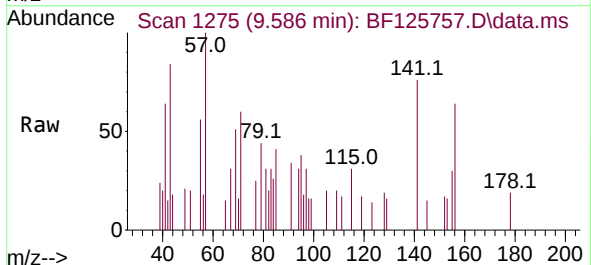
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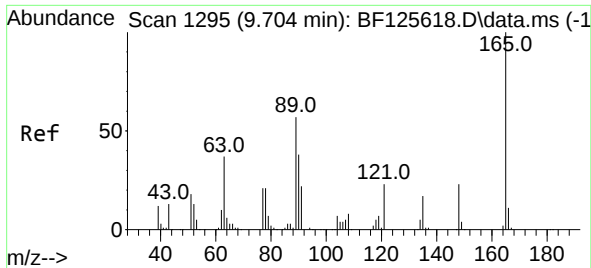
Tgt Ion:172 Resp: 2047402
Ion Ratio Lower Upper
172 100
171 37.0 26.5 39.7
170 25.0 18.8 28.2



#48
2-Nitroaniline
Concen: 4.174 ng
RT: 9.586 min Scan# 1275
Delta R.T. 0.123 min
Lab File: BF125757.D
Acq: 1 Oct 2021 17:43

Tgt Ion: 65 Resp: 118
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 93.5 140.3#

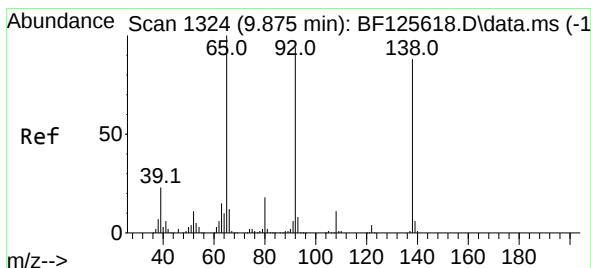
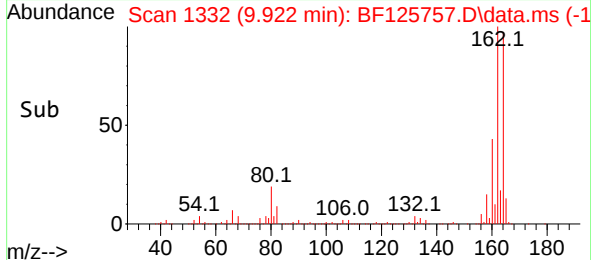
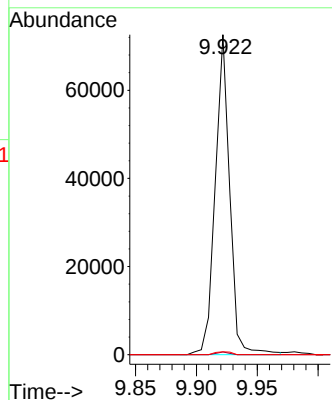
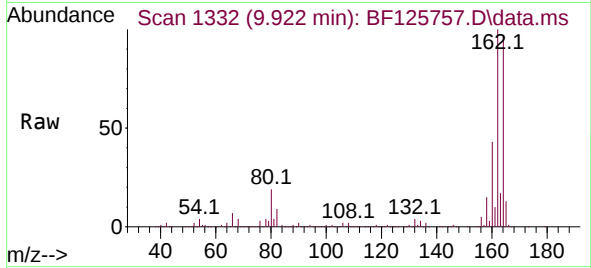




#51
2,6-Dinitrotoluene
Concen: 12.858 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125757.D
Acq: 1 Oct 2021 17:43

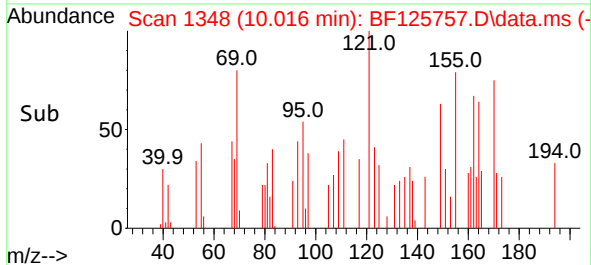
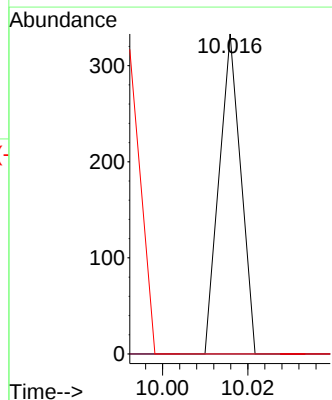
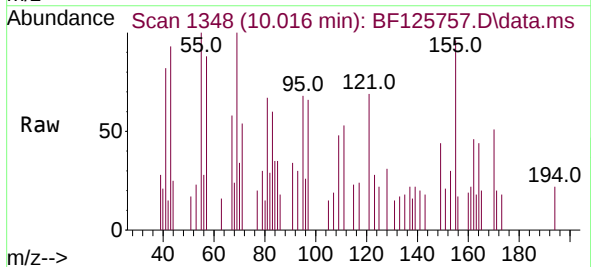
Instrument :
BNA_F
ClientSampleId :
MIXED-DEBRIS-1

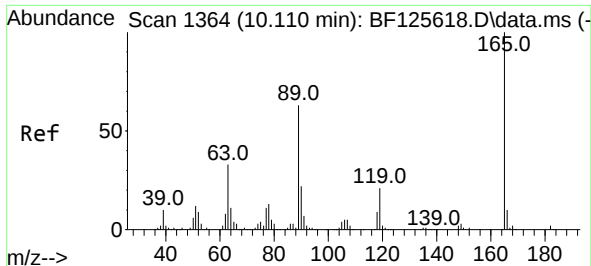
Tgt Ion:165 Resp: 60194
Ion Ratio Lower Upper
165 100
63 0.9 42.6 63.8#
89 0.9 40.6 60.8#



#53
3-Nitroaniline
Concen: 3.158 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.141 min
Lab File: BF125757.D
Acq: 1 Oct 2021 17:43

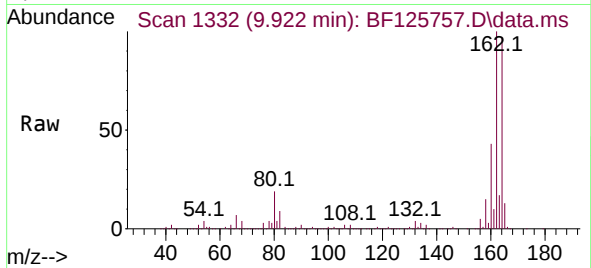
Tgt Ion:138 Resp: 118
Ion Ratio Lower Upper
138 100
108 0.0 9.3 13.9#
92 0.0 76.5 114.7#



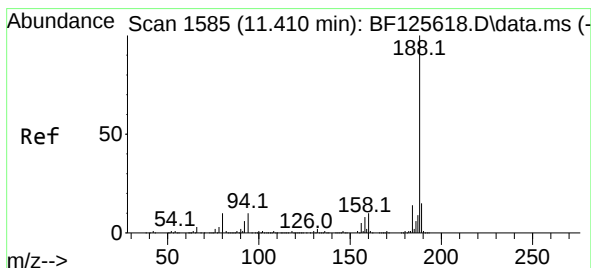
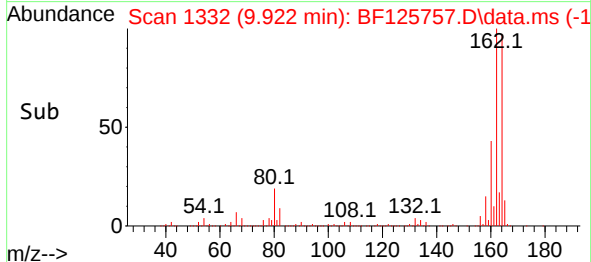
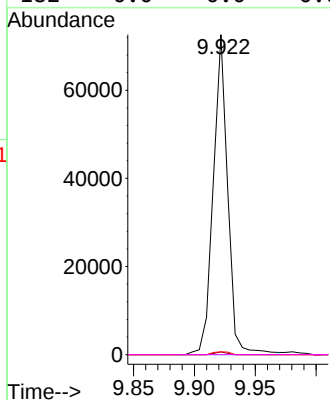


#57
2,4-Dinitrotoluene
Concen: 11.701 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125757.D
Acq: 1 Oct 2021 17:43

Instrument :
BNA_F
ClientSampleId :
MIXED-DEBRIS-1

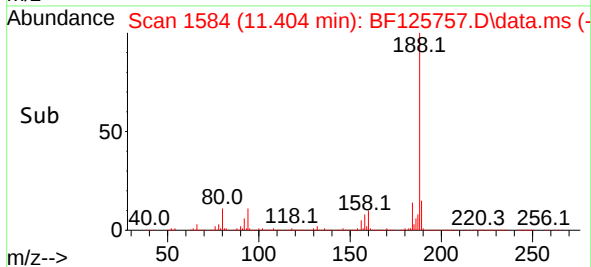
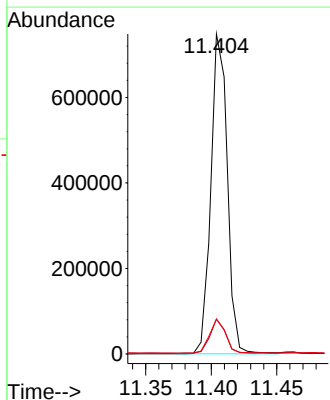
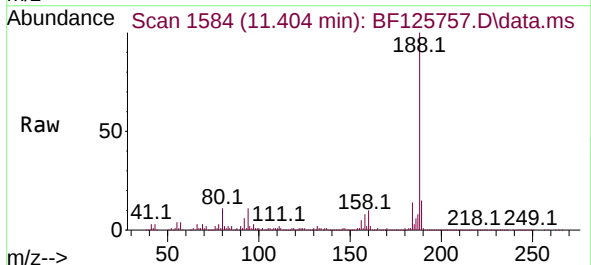


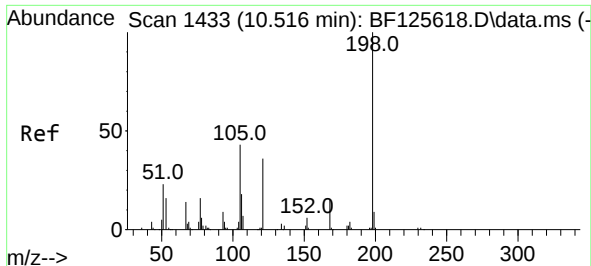
Tgt Ion:165	Resp:	60194
Ion Ratio	Lower	Upper
165	100	
63	0.9	40.9 61.3#
89	0.9	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125757.D
Acq: 1 Oct 2021 17:43

Tgt Ion:188	Resp:	653201
Ion Ratio	Lower	Upper
188	100	
94	10.9	6.7 10.1#
80	10.9	7.5 11.3

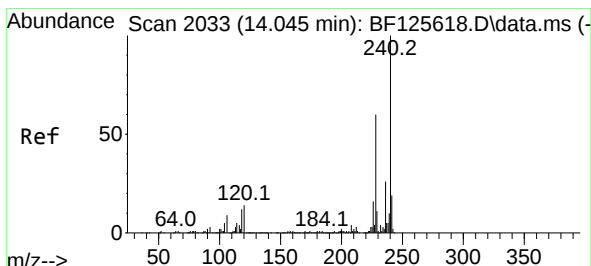
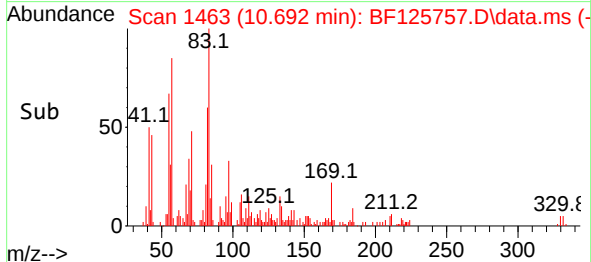
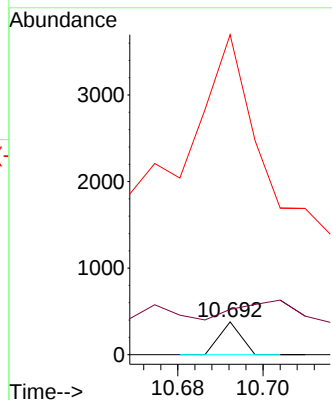
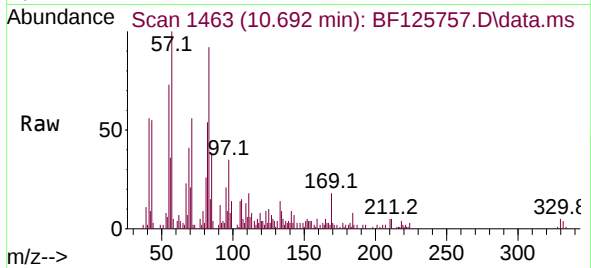




#65
4,6-Dinitro-2-methylphenol
Concen: 9.047 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.176 min
Lab File: BF125757.D
Acq: 1 Oct 2021 17:43

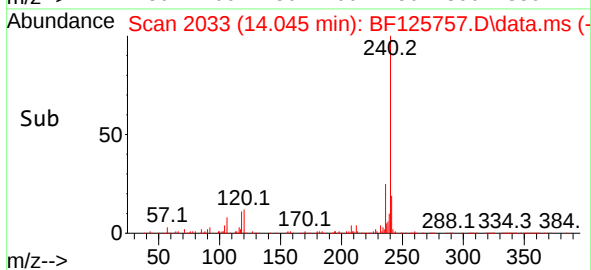
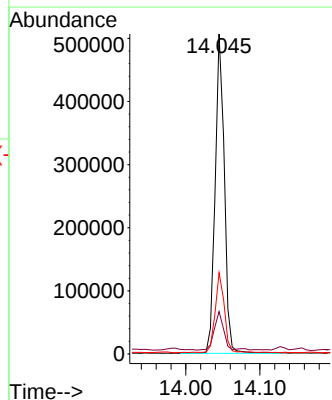
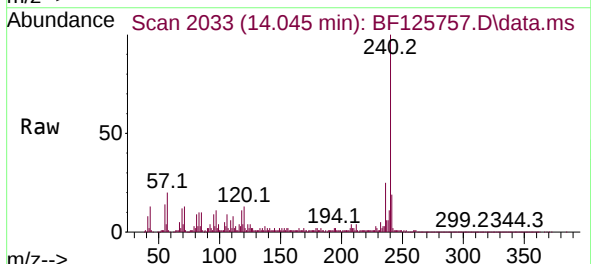
Instrument :
BNA_F
ClientSampleId :
MIXED-DEBRIS-1

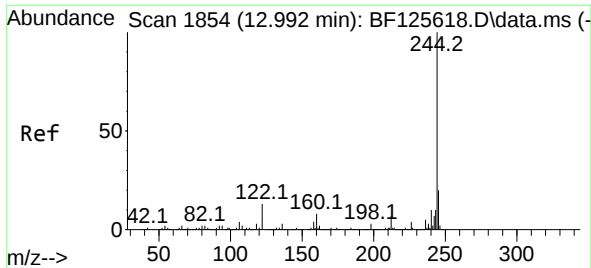
Tgt Ion:198 Resp: 134
Ion Ratio Lower Upper
198 100
51 138.0 45.3 85.3#
105 975.5 30.6 70.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF125757.D
Acq: 1 Oct 2021 17:43

Tgt Ion:240 Resp: 433499
Ion Ratio Lower Upper
240 100
120 13.2 10.8 16.2
236 25.4 21.6 32.4



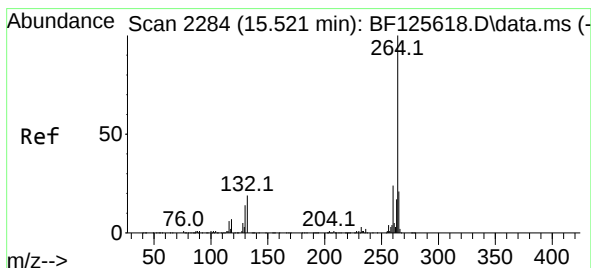
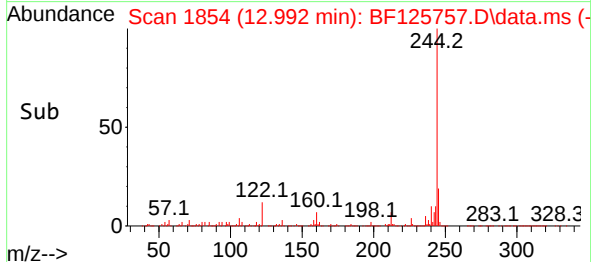
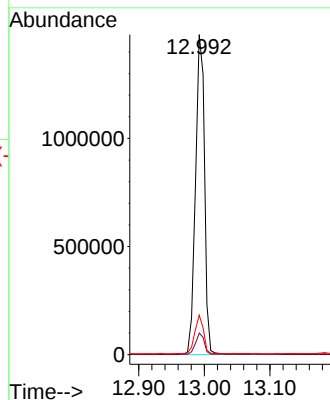
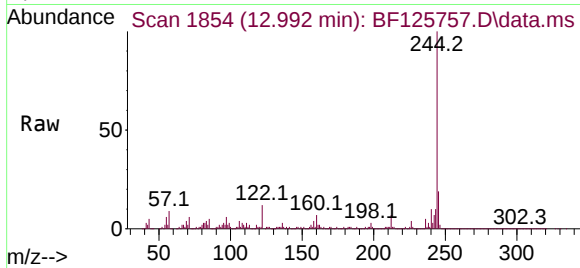


#79
 Terphenyl-d14
 Concen: 56.627 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF125757.D
 Acq: 1 Oct 2021 17:43

Instrument :
 BNA_F
 ClientSampleId :
 MIXED-DEBRIS-1

Tgt Ion:244 Resp: 1417501

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.9	8.9
122	12.3	9.0	13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2285
 Delta R.T. 0.006 min
 Lab File: BF125757.D
 Acq: 1 Oct 2021 17:43

Tgt Ion:264 Resp: 499117

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.6	29.4
265	20.7	17.2	25.8

