

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092421\
 Data File : BF125626.D
 Acq On : 24 Sep 2021 18:01
 Operator : JU/CG
 Sample : PB139337BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB139337BL

Quant Time: Sep 24 19:06:40 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)

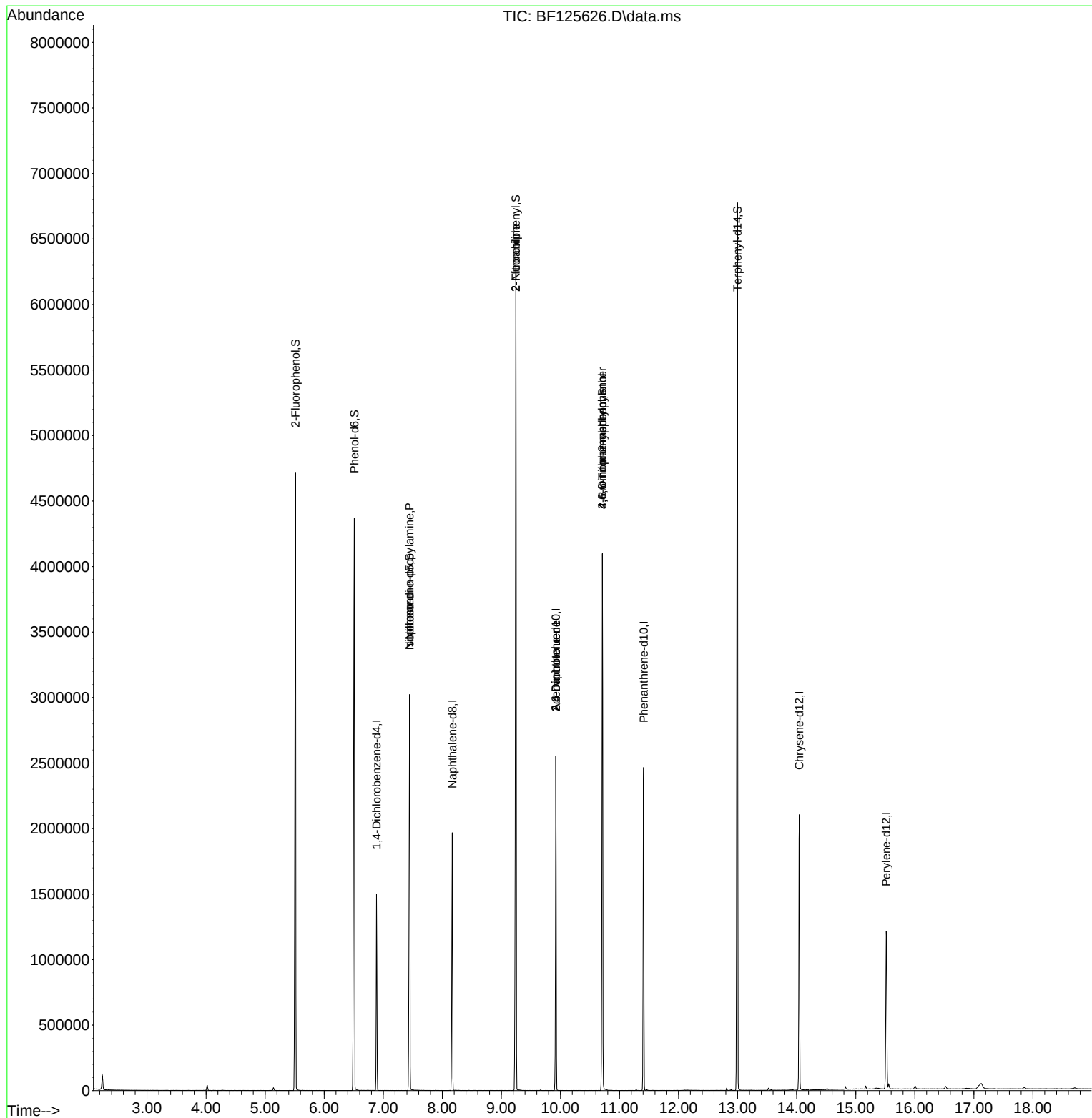
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	219178	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	920495	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	507514	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	939463	20.000	ng	0.00
76) Chrysene-d12	14.045	240	730555	20.000	ng	0.00
86) Perylene-d12	15.515	264	561896	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1556484	117.001	ng	0.01
7) Phenol-d6	6.510	99	1908391	106.703	ng	0.00
23) Nitrobenzene-d5	7.445	82	1134895	85.996	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	579586	122.485	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2274818	79.705	ng	0.00
79) Terphenyl-d14	12.998	244	2574086	61.018	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.510	77	2727	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.445	70	143684	14.110	ng	# 52
25) Isophorone	7.445	82	1132315	38.312	ng	# 59
48) 2-Nitroaniline	9.245	65	3449	4.588	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	65599	12.727	ng	# 27
57) 2,4-Dinitrotoluene	9.922	165	65599	11.598	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.710	198	1316	9.247	ng	# 7
67) 4-Bromophenyl-phenylether	10.710	248	31637	3.209	ng	# 1

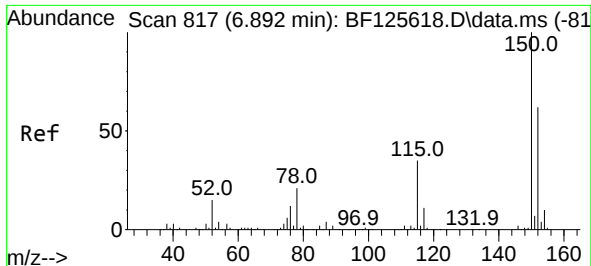
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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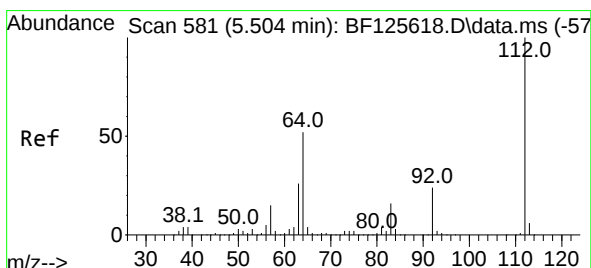
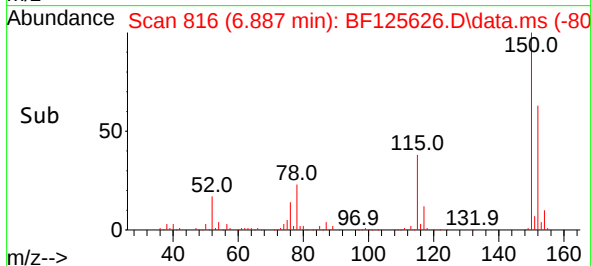
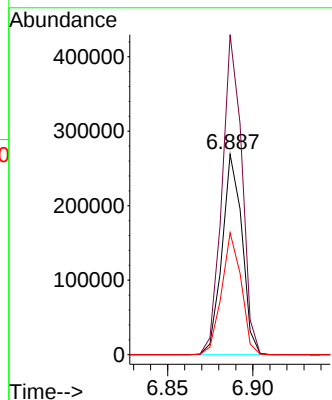
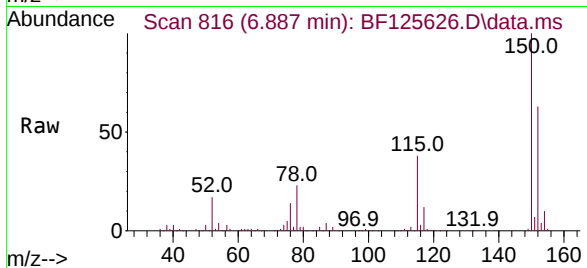




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF125626.D
Acq: 24 Sep 2021 18:01

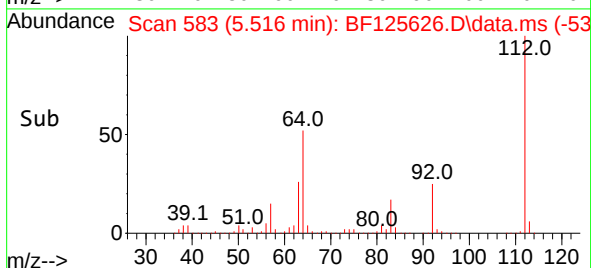
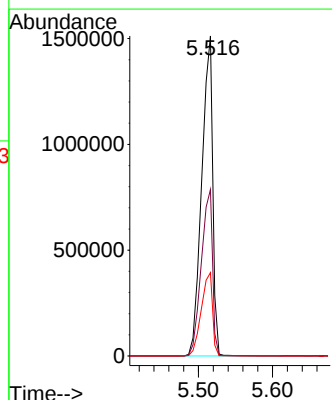
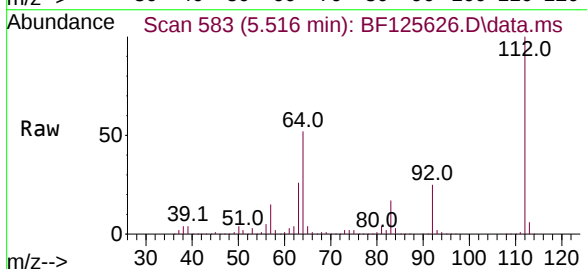
Instrument :
BNA_F
ClientSampleId :
PB139337BL

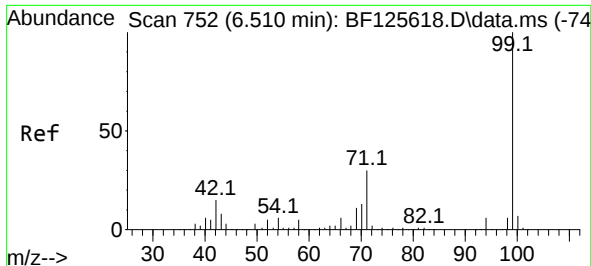
Tgt Ion:152 Resp: 219178
Ion Ratio Lower Upper
152 100
150 159.7 117.6 176.4
115 60.8 47.1 70.7



#5
2-Fluorophenol
Concen: 117.001 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.012 min
Lab File: BF125626.D
Acq: 24 Sep 2021 18:01

Tgt Ion:112 Resp: 1556484
Ion Ratio Lower Upper
112 100
64 52.0 44.2 66.2
63 26.0 26.2 39.2#

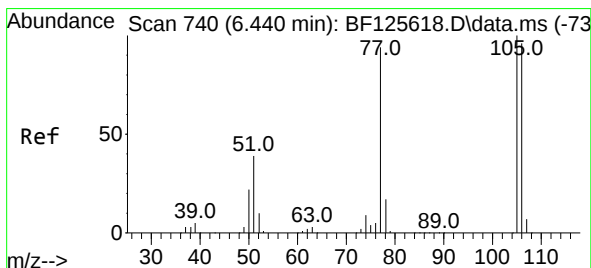
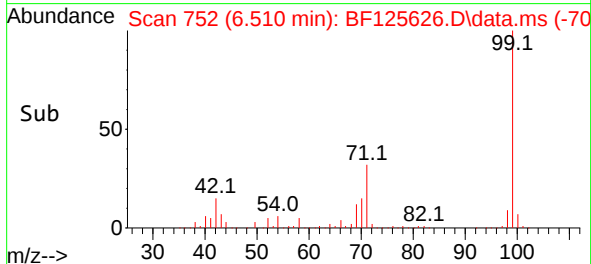
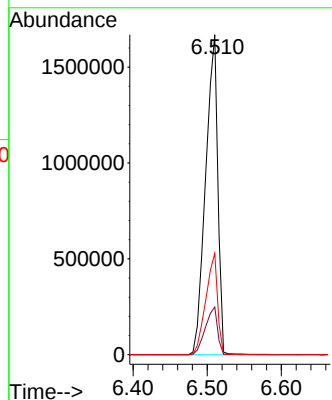
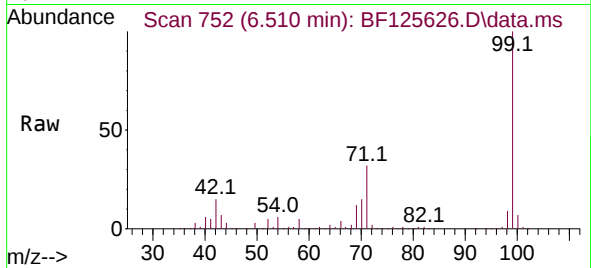




#7
Phenol-d6
Concen: 106.703 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF125626.D
Acq: 24 Sep 2021 18:01

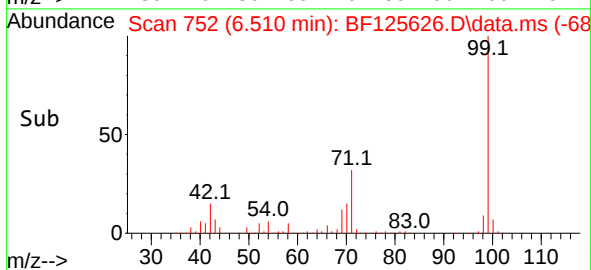
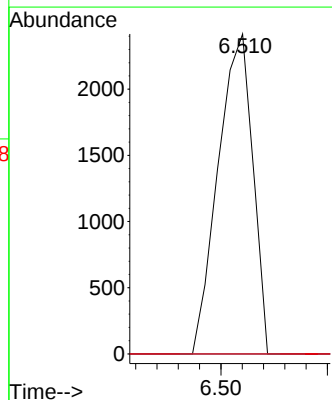
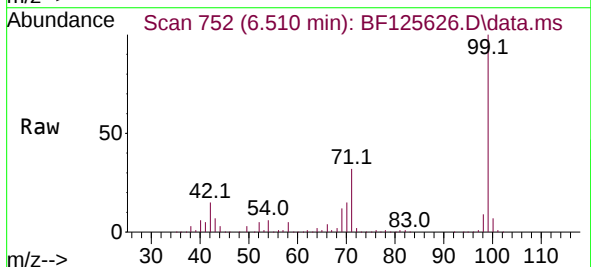
Instrument :
BNA_F
ClientSampleId :
PB139337BL

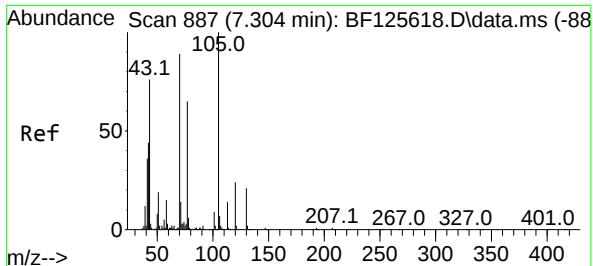
Tgt Ion: 99 Resp: 1908391
Ion Ratio Lower Upper
99 100
42 14.9 23.5 35.3#
71 31.7 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 752
Delta R.T. 0.070 min
Lab File: BF125626.D
Acq: 24 Sep 2021 18:01

Tgt Ion: 77 Resp: 2727
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#

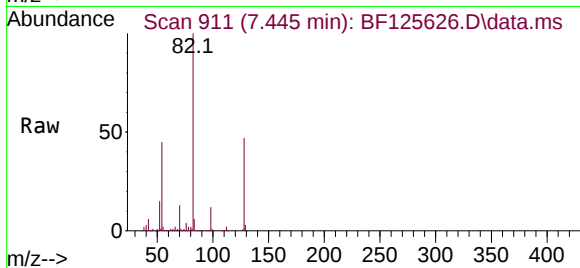




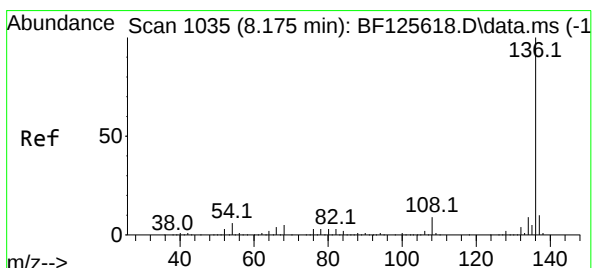
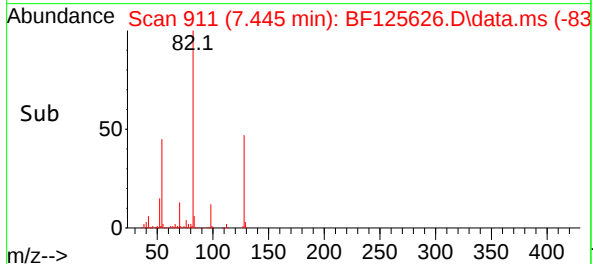
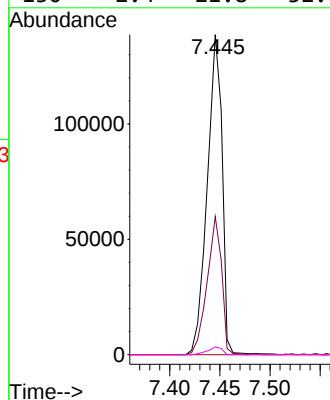
#19

n-Nitroso-di-n-propylamine
Concen: 14.110 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125626.D
Acq: 24 Sep 2021 18:01

Instrument :
BNA_F
ClientSampleId :
PB139337BL



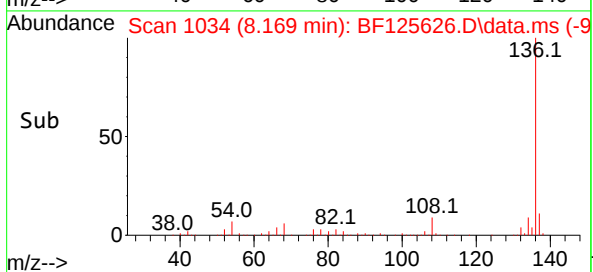
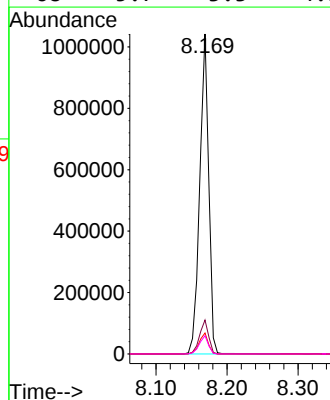
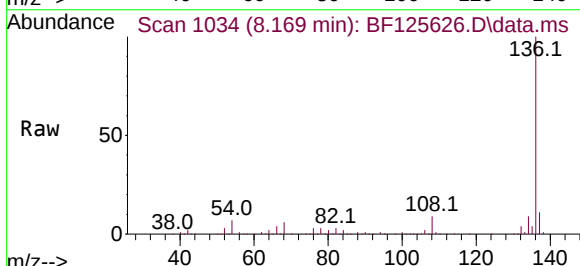
Tgt Ion:	70	Resp:	143684
Ion	Ratio	Lower	Upper
70	100		
42	43.1	72.2	108.2#
101	0.0	7.8	11.8#
130	2.4	21.8	32.6#

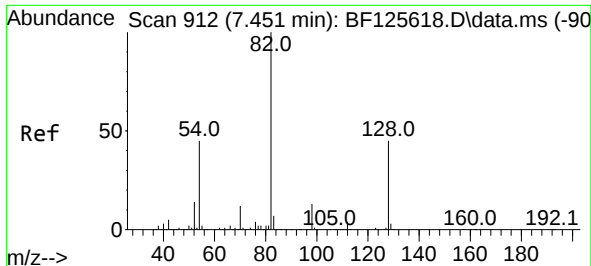


#21

Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125626.D
Acq: 24 Sep 2021 18:01

Tgt Ion:	136	Resp:	920495
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.8	14.6
54	6.5	6.4	9.6
68	5.7	3.3	4.9#





#23

Nitrobenzene-d5

Concen: 85.996 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF125626.D

Acq: 24 Sep 2021 18:01

Instrument :

BNA_F

ClientSampleId :

PB139337BL

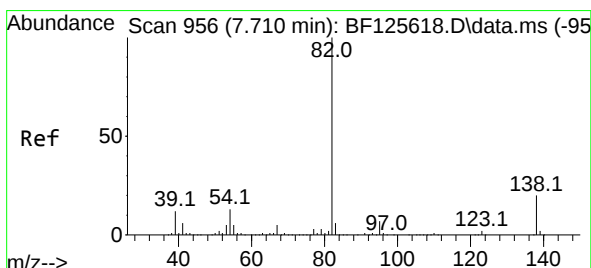
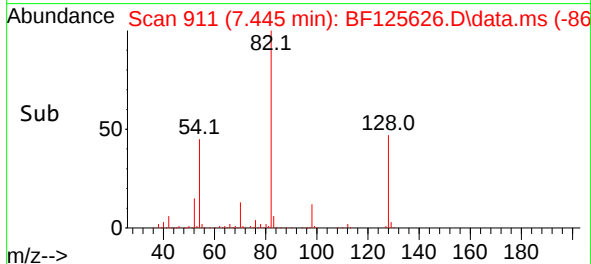
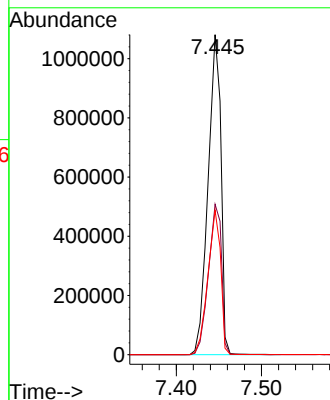
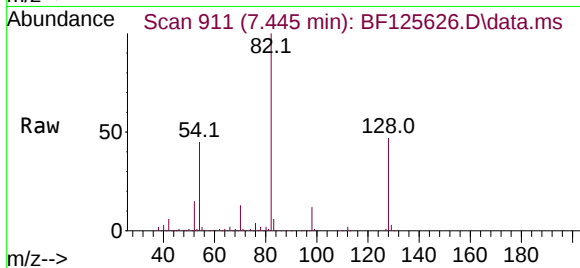
Tgt Ion: 82 Resp: 1134895

Ion Ratio Lower Upper

82 100

128 47.0 40.6 60.8

54 45.1 49.6 74.4#



#25

Isophorone

Concen: 38.312 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.265 min

Lab File: BF125626.D

Acq: 24 Sep 2021 18:01

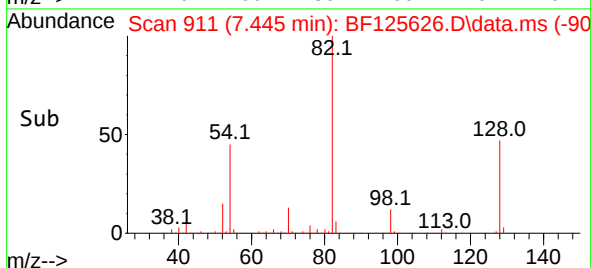
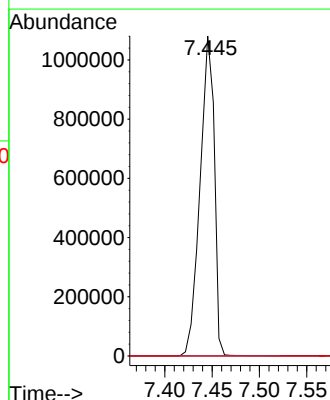
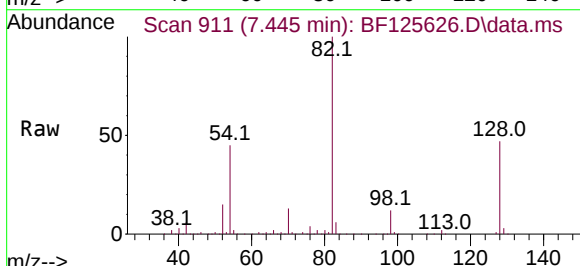
Tgt Ion: 82 Resp: 1132315

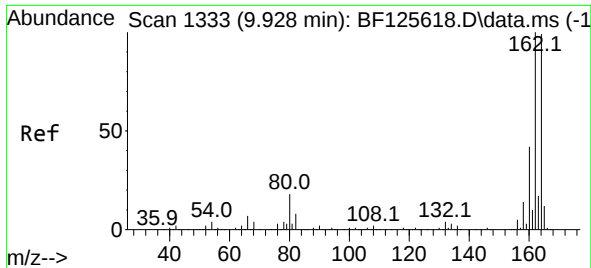
Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

138 0.0 18.4 27.6#

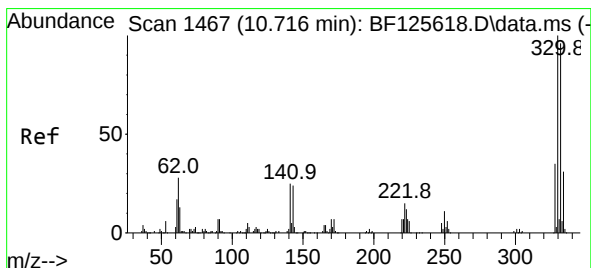
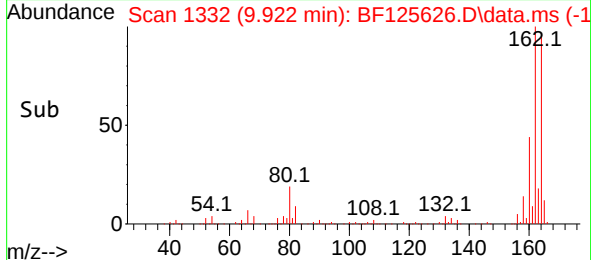
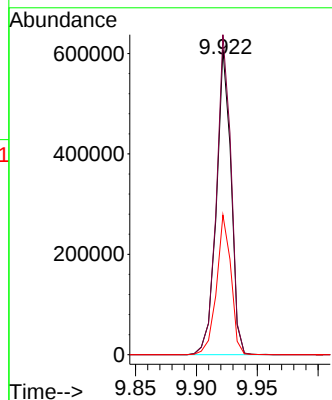
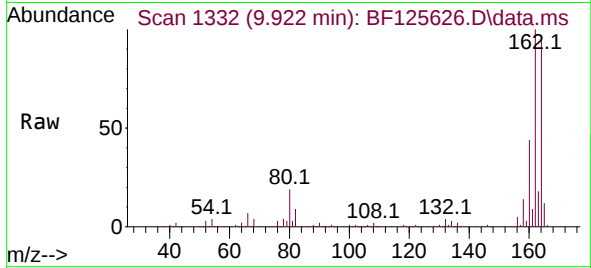




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125626.D
Acq: 24 Sep 2021 18:01

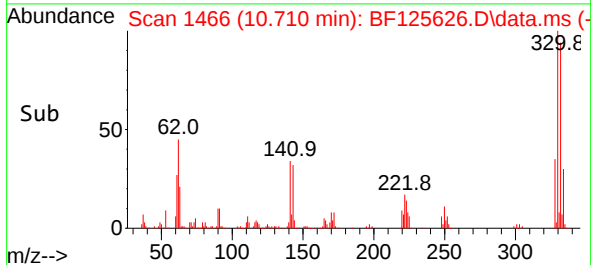
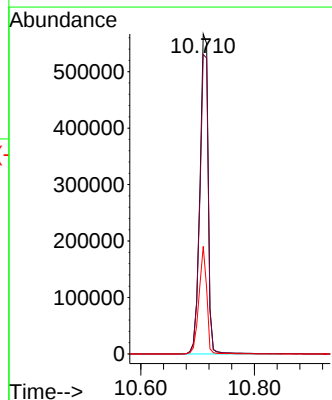
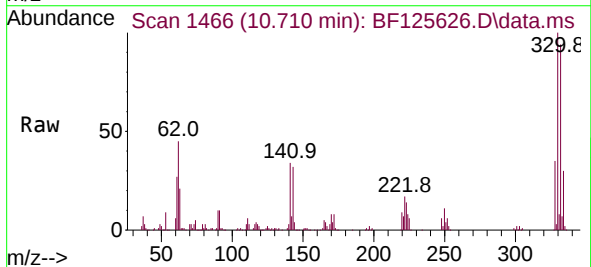
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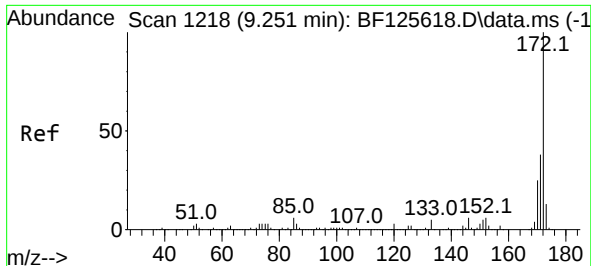
Tgt Ion:164 Resp: 507514
Ion Ratio Lower Upper
164 100
162 104.8 81.3 121.9
160 45.7 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 122.485 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125626.D
Acq: 24 Sep 2021 18:01

Tgt Ion:330 Resp: 579586
Ion Ratio Lower Upper
330 100
332 94.8 76.2 114.4
141 31.3 44.6 66.8#

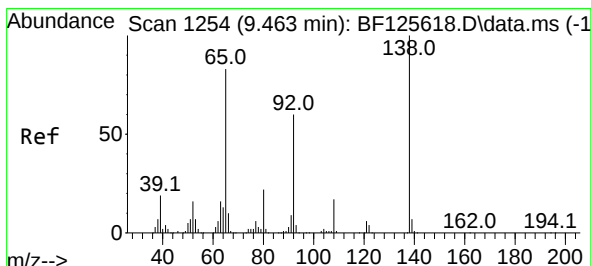
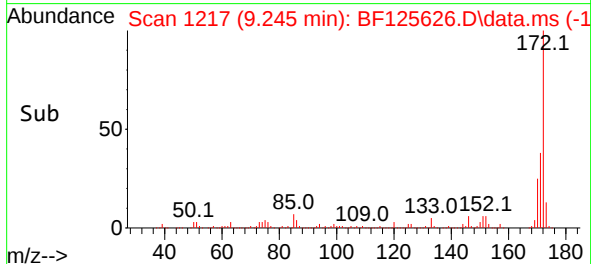
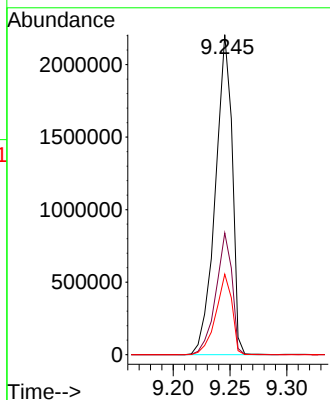
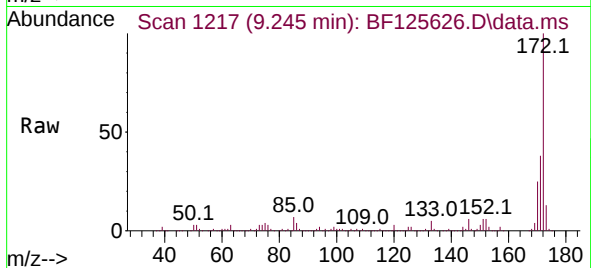




#45
2-Fluorobiphenyl
Concen: 79.705 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125626.D
Acq: 24 Sep 2021 18:01

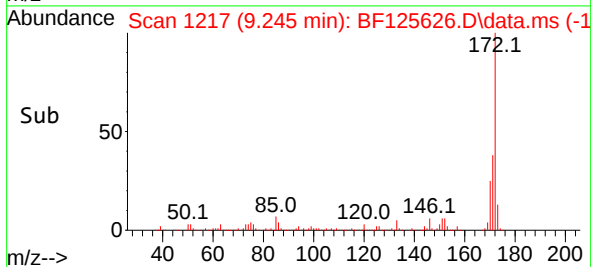
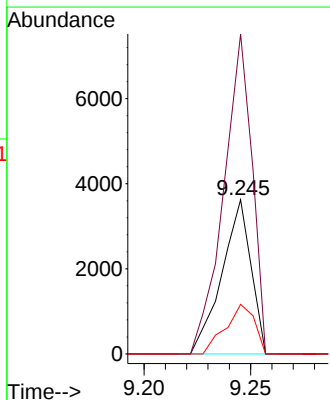
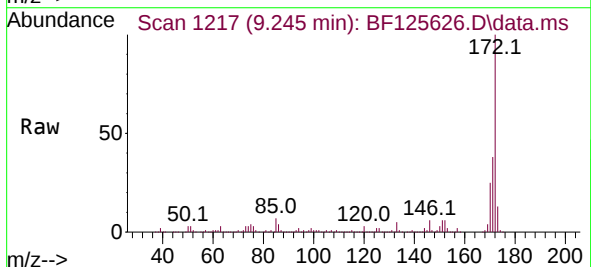
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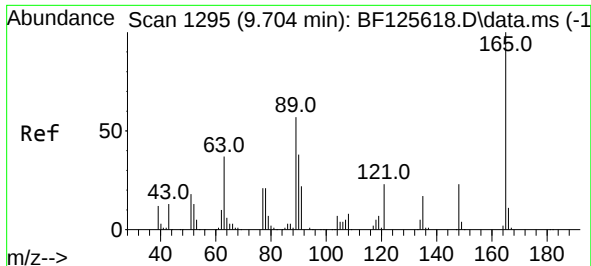
Tgt Ion:172 Resp: 2274818
Ion Ratio Lower Upper
172 100
171 38.0 26.5 39.7
170 25.1 18.8 28.2



#48
2-Nitroaniline
Concen: 4.588 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.218 min
Lab File: BF125626.D
Acq: 24 Sep 2021 18:01

Tgt Ion: 65 Resp: 3449
Ion Ratio Lower Upper
65 100
92 207.5 55.5 83.3#
138 32.1 93.5 140.3#

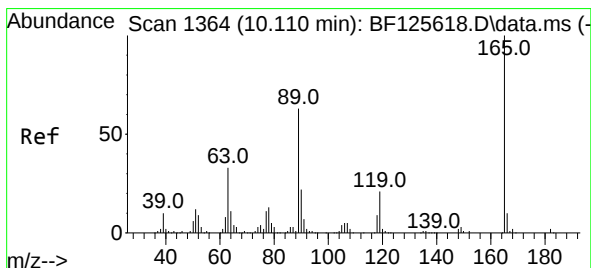
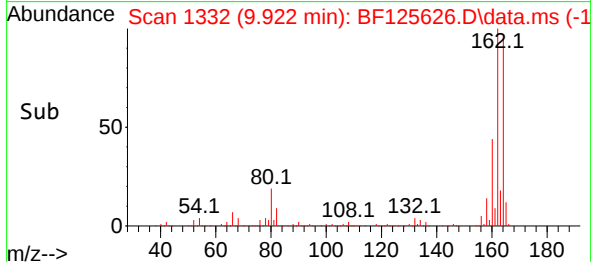
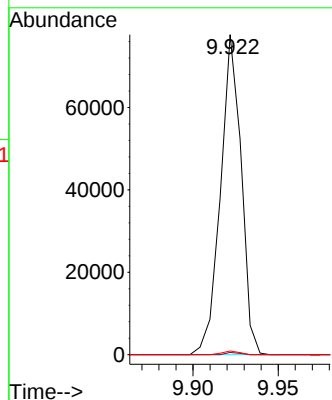
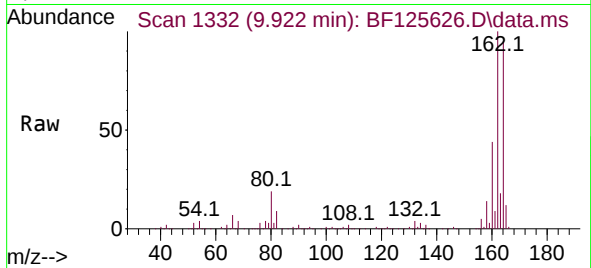




#51
2,6-Dinitrotoluene
Concen: 12.727 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125626.D
Acq: 24 Sep 2021 18:01

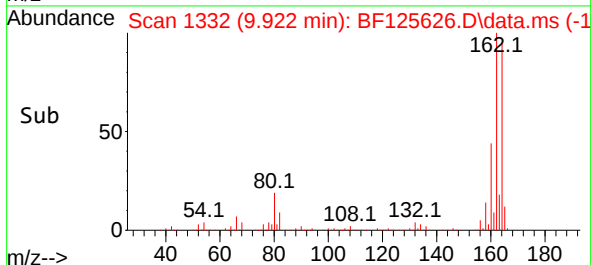
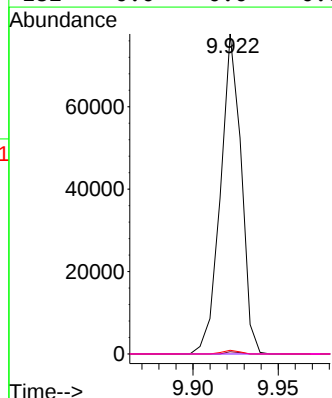
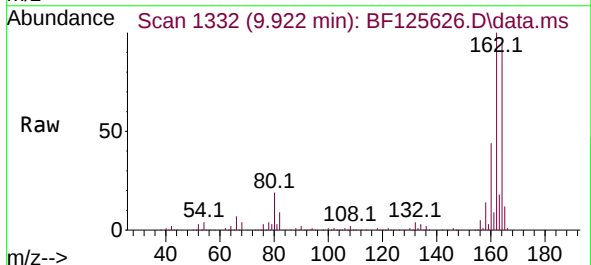
Instrument :
BNA_F
ClientSampleId :
PB139337BL

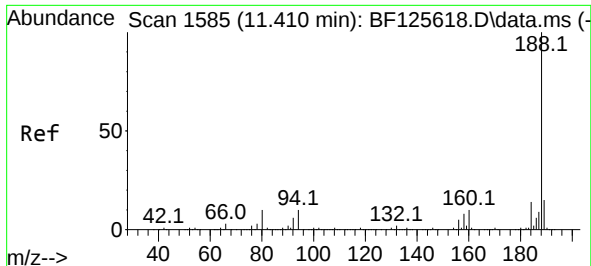
Tgt Ion:165 Resp: 65599
Ion Ratio Lower Upper
165 100
63 0.7 42.6 63.8#
89 1.2 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 11.598 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125626.D
Acq: 24 Sep 2021 18:01

Tgt Ion:165 Resp: 65599
Ion Ratio Lower Upper
165 100
63 0.7 40.9 61.3#
89 1.2 59.7 89.5#
182 0.0 0.0 0.0

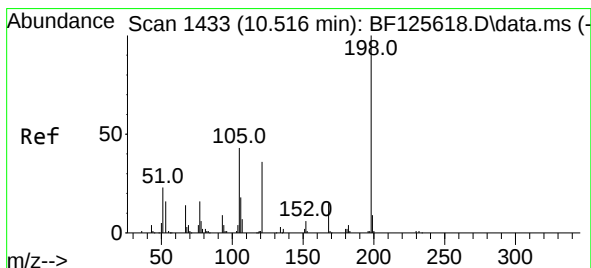
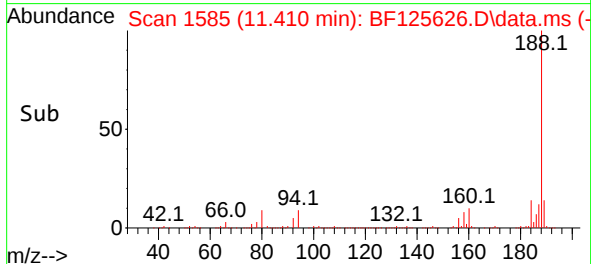
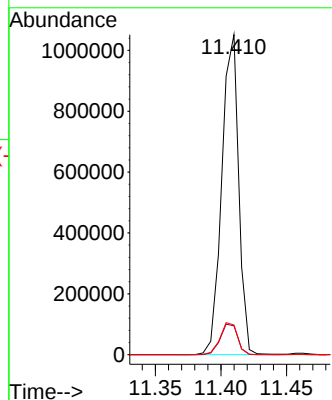
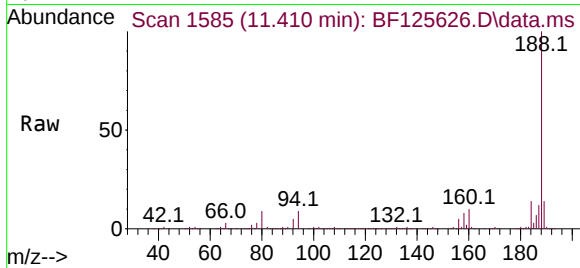




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF125626.D
Acq: 24 Sep 2021 18:01

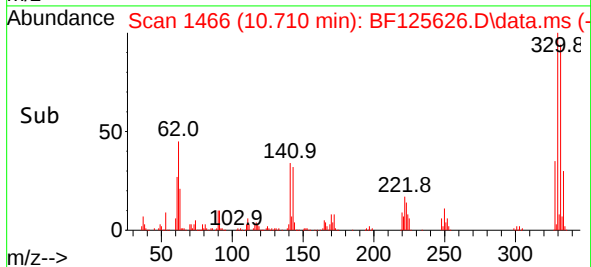
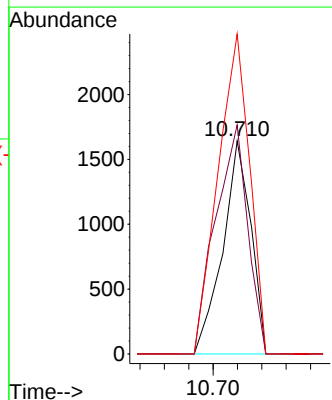
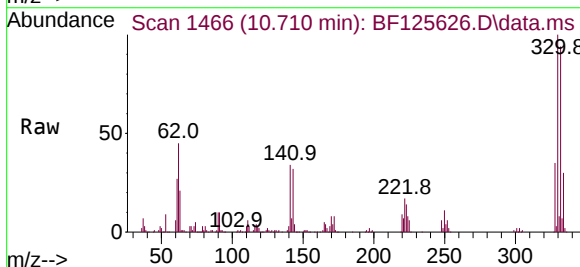
Instrument :
BNA_F
ClientSampleId :
PB139337BL

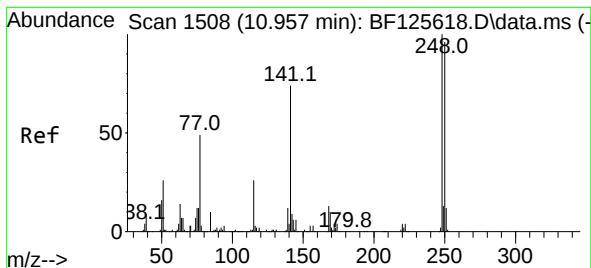
Tgt Ion:188 Resp: 939463
Ion Ratio Lower Upper
188 100
94 9.0 6.7 10.1
80 9.3 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 9.247 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF125626.D
Acq: 24 Sep 2021 18:01

Tgt Ion:198 Resp: 1316
Ion Ratio Lower Upper
198 100
51 107.5 45.3 85.3#
105 150.2 30.6 70.6#

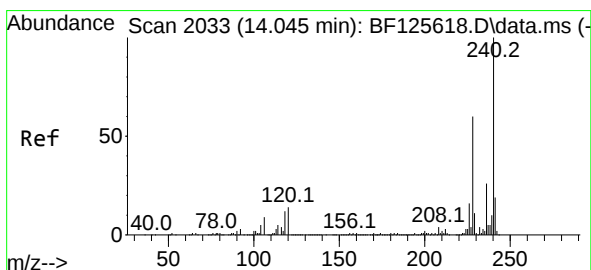
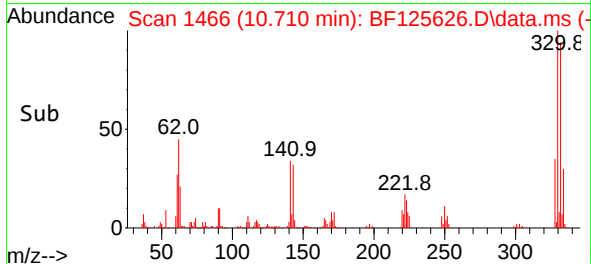
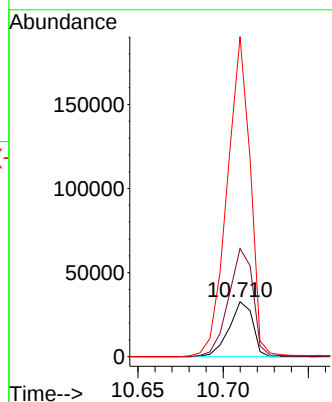
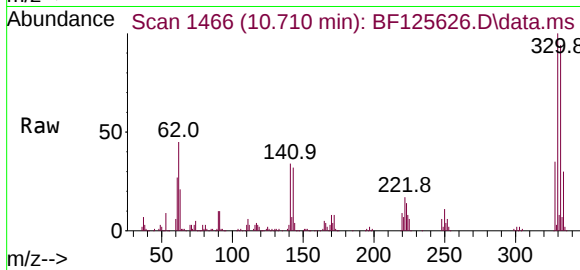




#67
4-Bromophenyl-phenylether
Concen: 3.209 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF125626.D
Acq: 24 Sep 2021 18:01

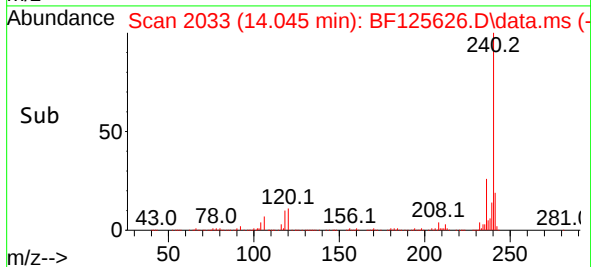
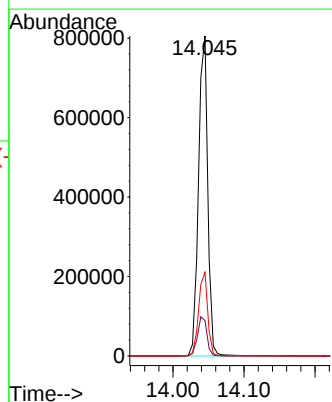
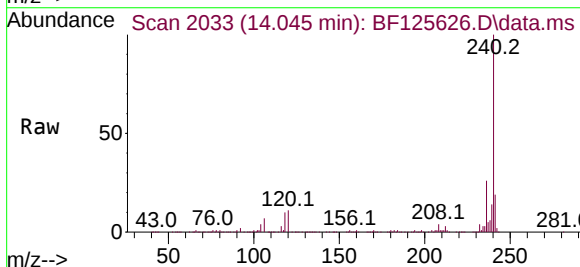
Instrument :
BNA_F
ClientSampleId :
PB139337BL

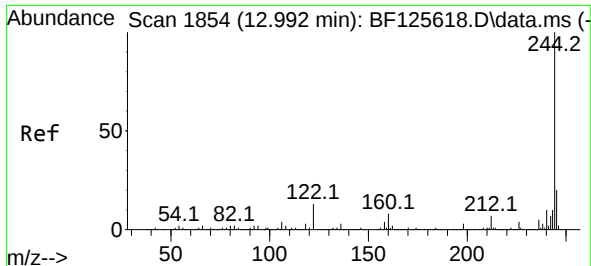
Tgt Ion:248 Resp: 31637
Ion Ratio Lower Upper
248 100
250 197.2 74.2 111.4#
141 583.7 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF125626.D
Acq: 24 Sep 2021 18:01

Tgt Ion:240 Resp: 730555
Ion Ratio Lower Upper
240 100
120 11.1 10.8 16.2
236 26.2 21.6 32.4

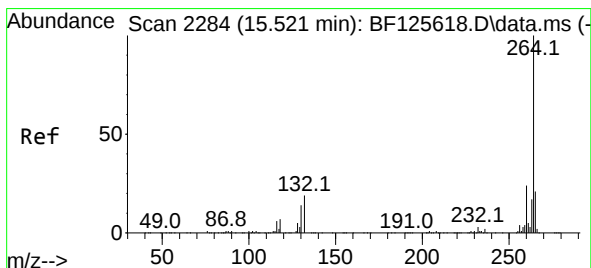
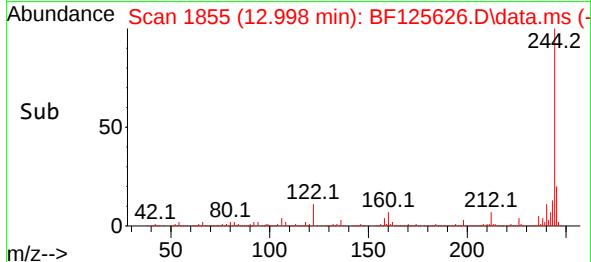
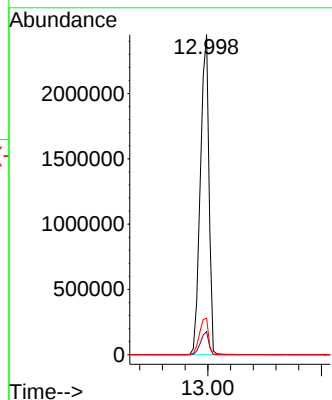
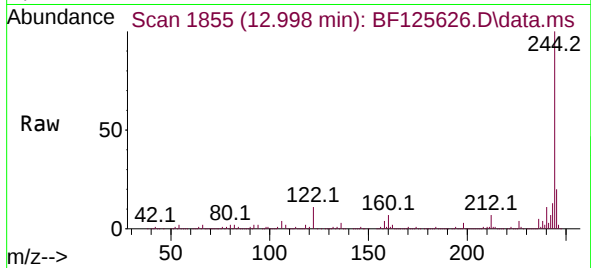




#79
 Terphenyl-d14
 Concen: 61.018 ng
 RT: 12.998 min Scan# 1855
 Delta R.T. 0.006 min
 Lab File: BF125626.D
 Acq: 24 Sep 2021 18:01

Instrument :
 BNA_F
 ClientSampleId :
 PB139337BL

Tgt Ion:244 Resp: 2574086
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 11.4 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. -0.006 min
 Lab File: BF125626.D
 Acq: 24 Sep 2021 18:01

Tgt Ion:264 Resp: 561896
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.6 29.4
 265 21.8 17.2 25.8

