

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092521\
 Data File : BF125652.D
 Acq On : 25 Sep 2021 12:52
 Operator : JU/CG
 Sample : M3908-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-UST-05-(23-25)

Quant Time: Sep 27 01:21:12 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)

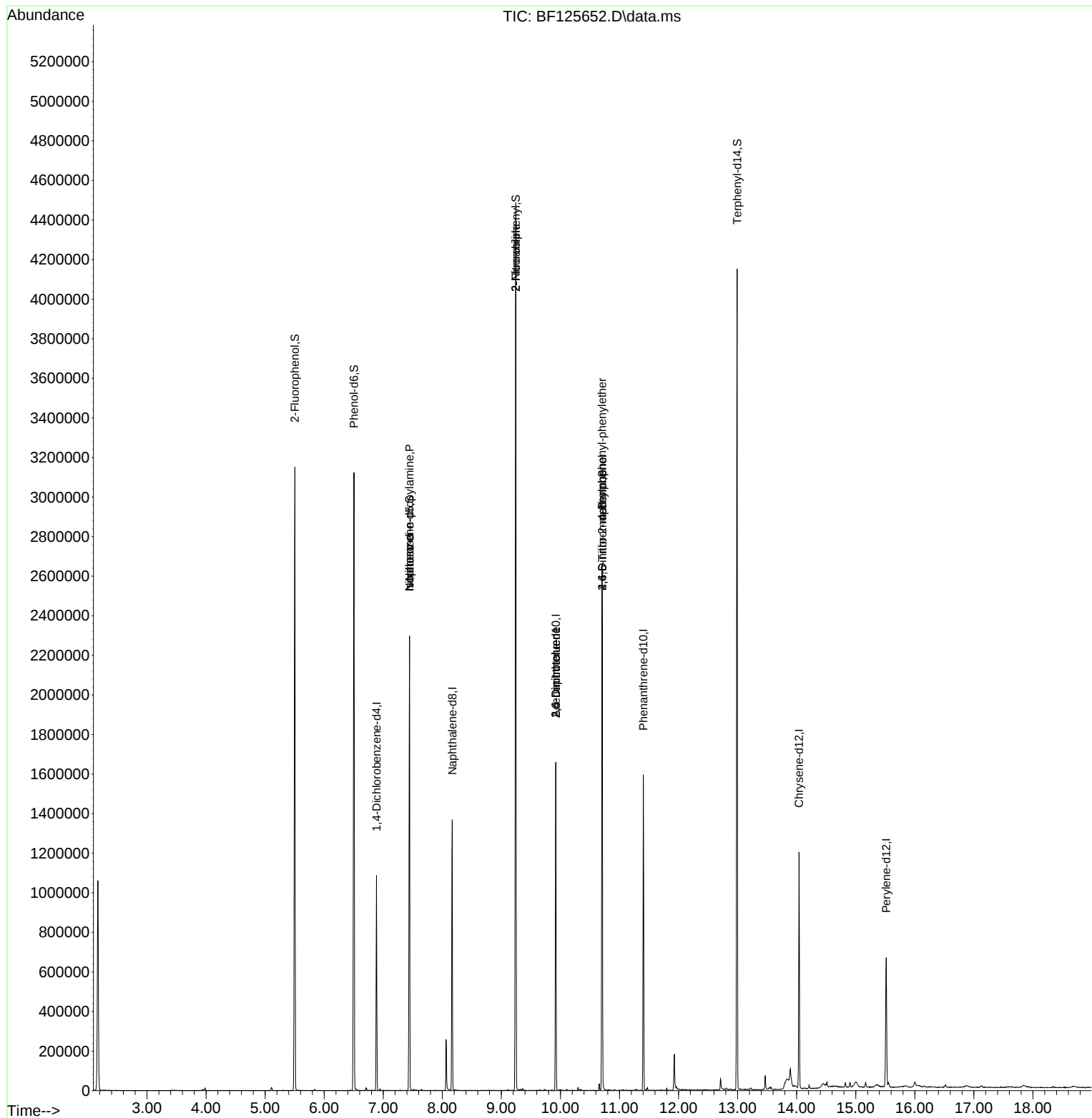
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	150329	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	611788	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	321831	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	547119	20.000	ng	0.00
76) Chrysene-d12	14.039	240	367005	20.000	ng	0.00
86) Perylene-d12	15.515	264	298603	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	968136	106.105	ng	0.00
7) Phenol-d6	6.504	99	1198974	97.741	ng	0.00
23) Nitrobenzene-d5	7.445	82	705860	80.475	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	348248	116.057	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1452040	80.335	ng	0.00
79) Terphenyl-d14	12.992	244	1391981	65.682	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	1713	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.445	70	91020	13.032	ng	# 49
25) Isophorone	7.445	82	705853	35.934	ng	# 59
48) 2-Nitroaniline	9.245	65	1864	4.525	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	40310	12.461	ng	# 27
57) 2,4-Dinitrotoluene	9.922	165	40310	11.388	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.710	198	752	9.243	ng	# 38
67) 4-Bromophenyl-phenylether	10.704	248	19889	3.464	ng	# 1

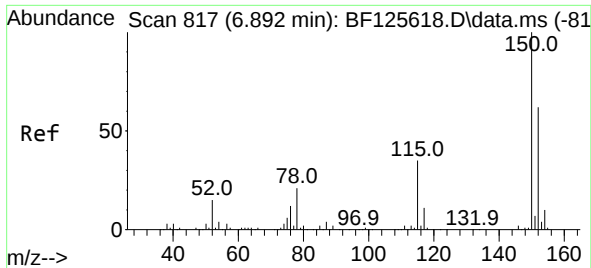
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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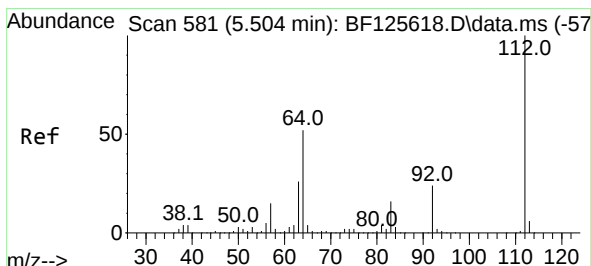
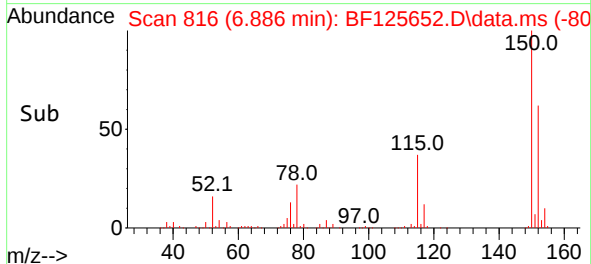
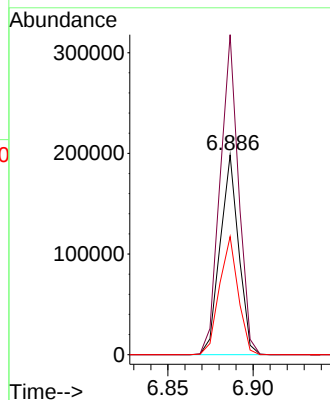
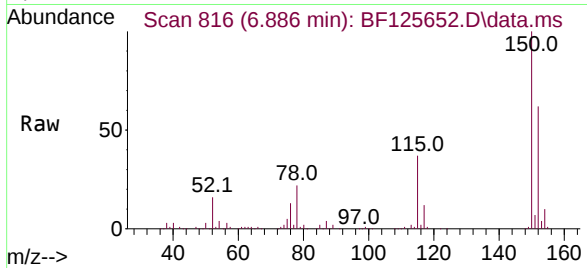




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF125652.D
Acq: 25 Sep 2021 12:52

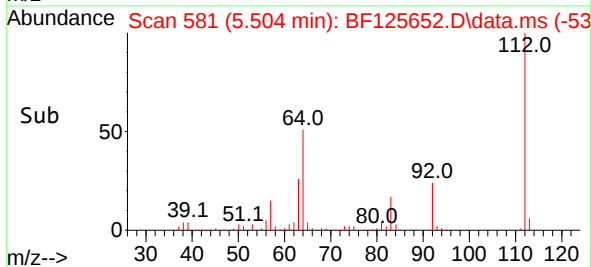
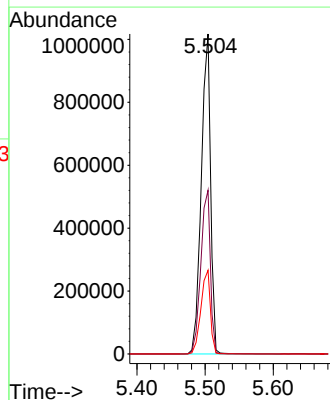
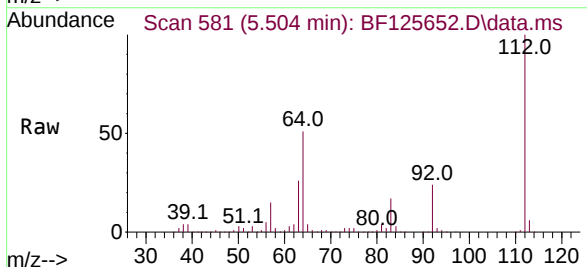
Instrument :
BNA_F
ClientSampleId :
SUP-UST-05-(23-25)

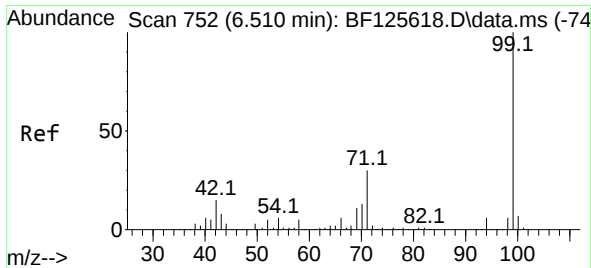
Tgt Ion:152 Resp: 150329
Ion Ratio Lower Upper
152 100
150 160.3 117.6 176.4
115 59.1 47.1 70.7



#5
2-Fluorophenol
Concen: 106.105 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.000 min
Lab File: BF125652.D
Acq: 25 Sep 2021 12:52

Tgt Ion:112 Resp: 968136
Ion Ratio Lower Upper
112 100
64 51.1 44.2 66.2
63 26.2 26.2 39.2

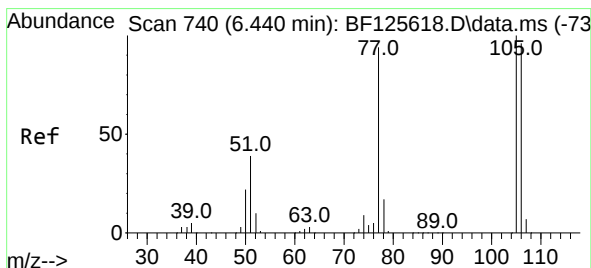
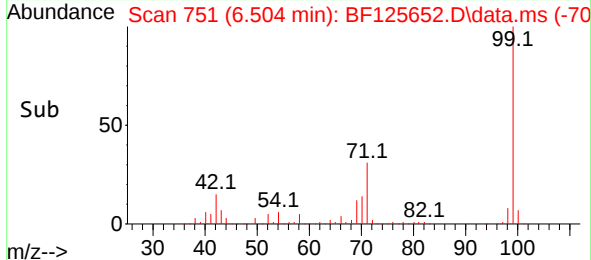
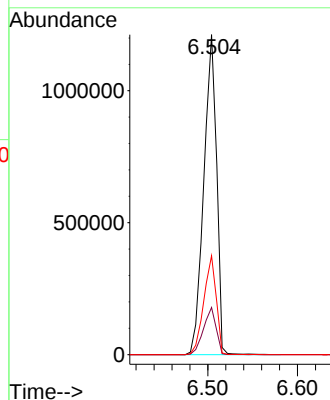
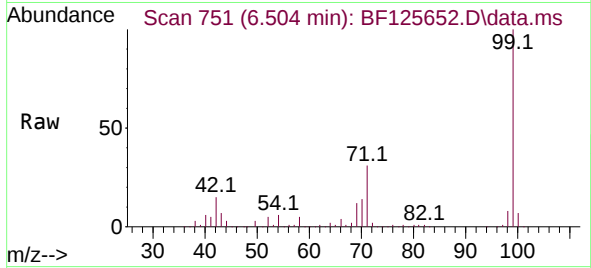




#7
Phenol-d6
Concen: 97.741 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF125652.D
Acq: 25 Sep 2021 12:52

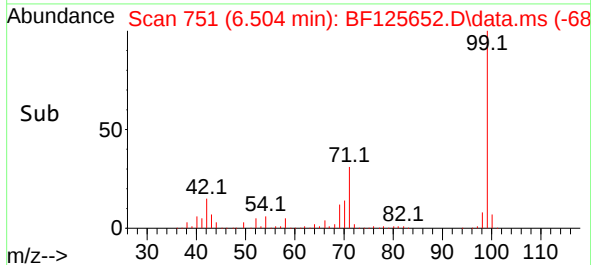
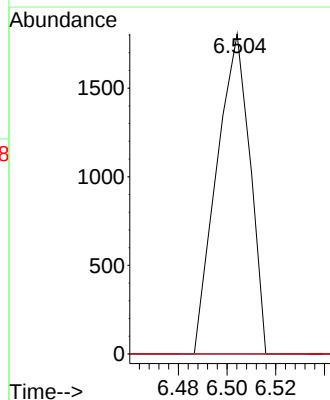
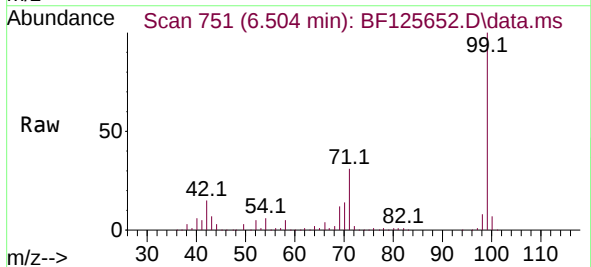
Instrument :
BNA_F
ClientSampleId :
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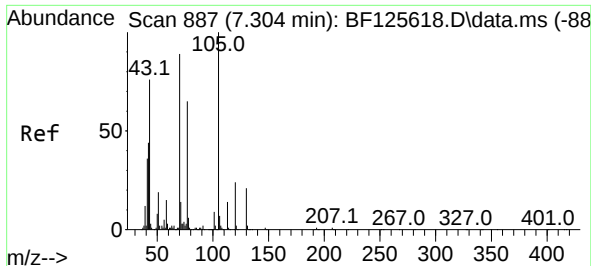
Tgt Ion: 99 Resp: 1198974
Ion Ratio Lower Upper
99 100
42 14.8 23.5 35.3#
71 30.9 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.504 min Scan# 751
Delta R.T. 0.064 min
Lab File: BF125652.D
Acq: 25 Sep 2021 12:52

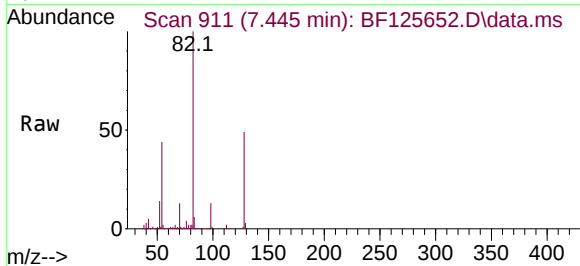
Tgt Ion: 77 Resp: 1713
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



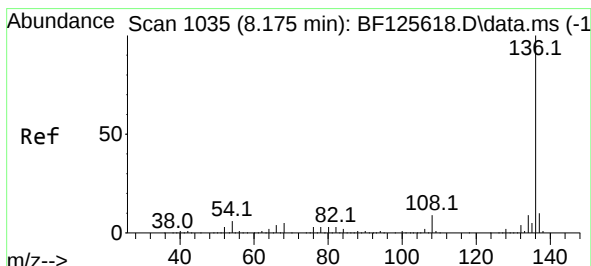
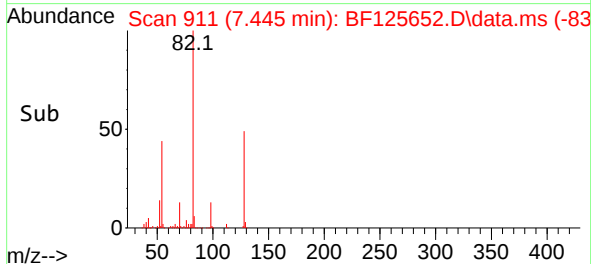
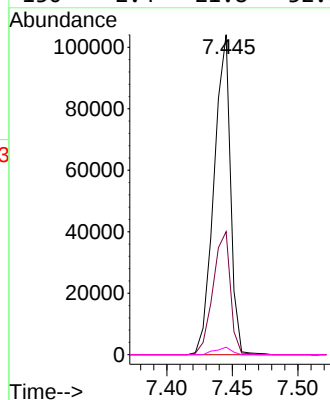


#19
n-Nitroso-di-n-propylamine
Concen: 13.032 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125652.D
Acq: 25 Sep 2021 12:52

Instrument :
BNA_F
ClientSampleId :
SUP-UST-05-(23-25)

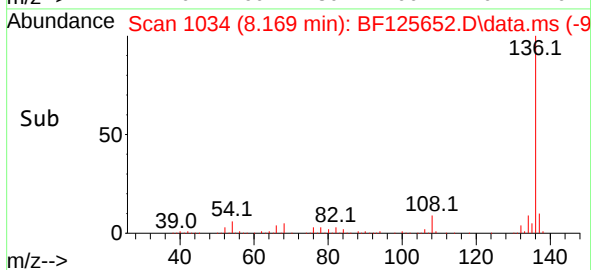
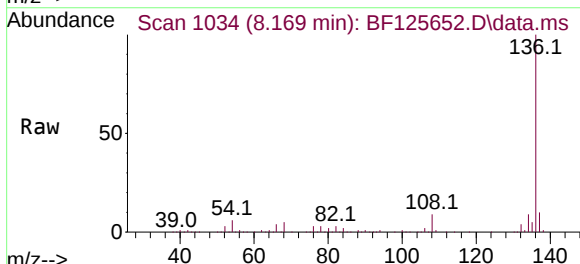
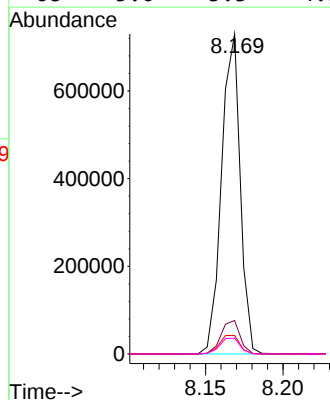


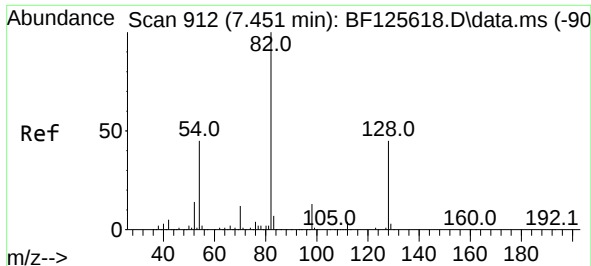
Tgt Ion:	70	Resp:	91020
Ion	Ratio	Lower	Upper
70	100		
42	38.5	72.2	108.2#
101	0.0	7.8	11.8#
130	2.4	21.8	32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125652.D
Acq: 25 Sep 2021 12:52

Tgt Ion:	136	Resp:	611788
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.8	14.6
54	5.8	6.4	9.6#
68	5.0	3.3	4.9#





#23

Nitrobenzene-d5

Concen: 80.475 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF125652.D

Acq: 25 Sep 2021 12:52

Instrument :

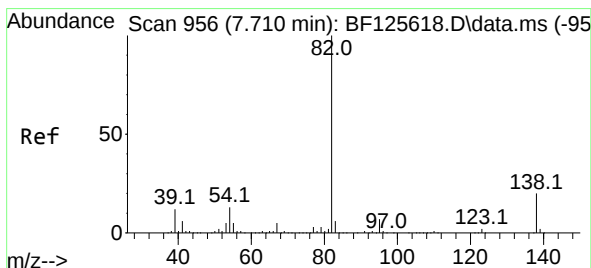
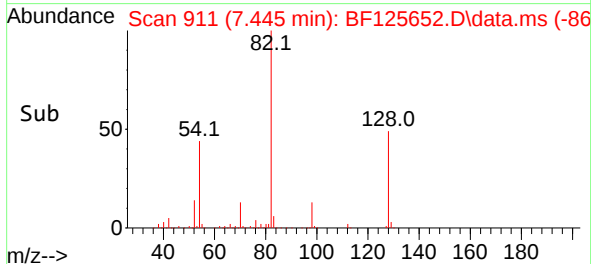
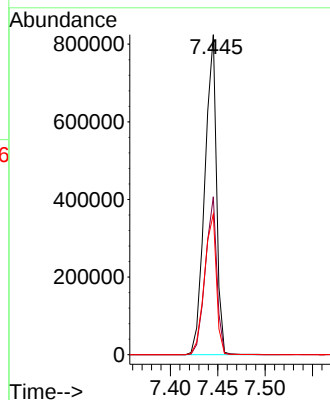
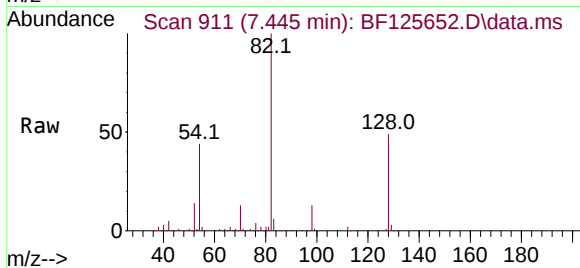
BNA_F

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Tgt Ion: 82 Resp: 705860

Ion	Ratio	Lower	Upper
82	100		
128	49.3	40.6	60.8
54	43.9	49.6	74.4#



#25

Isophorone

Concen: 35.934 ng

RT: 7.445 min Scan# 911

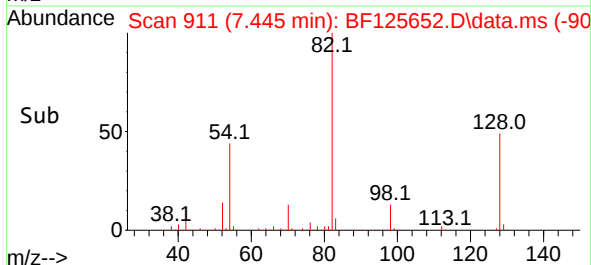
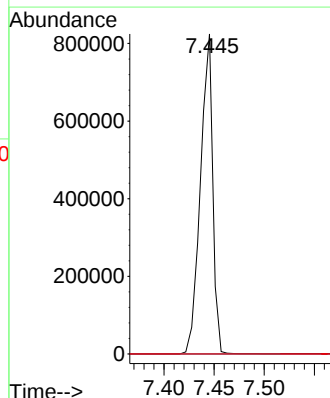
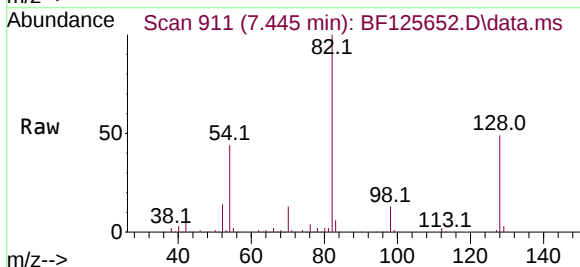
Delta R.T. -0.265 min

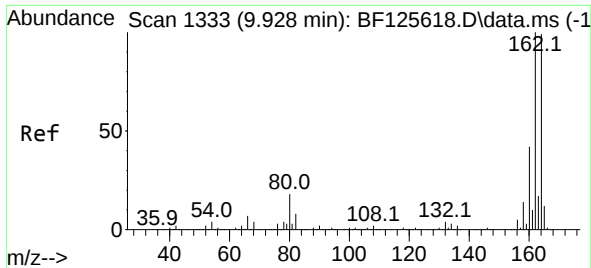
Lab File: BF125652.D

Acq: 25 Sep 2021 12:52

Tgt Ion: 82 Resp: 705853

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.5	9.7#
138	0.0	18.4	27.6#

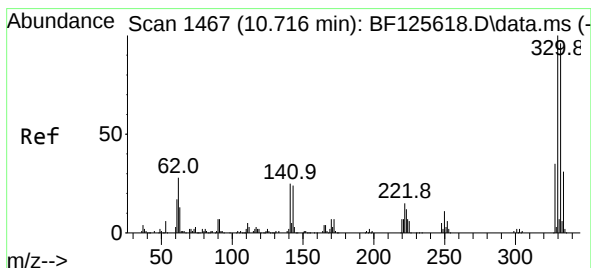
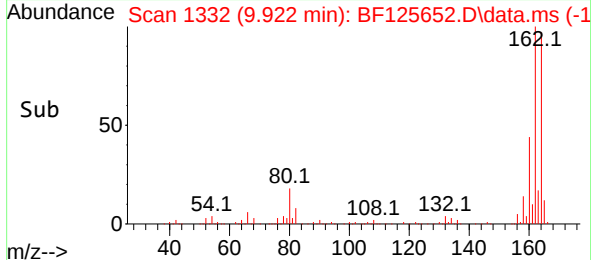
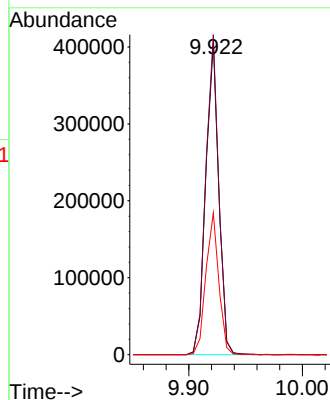
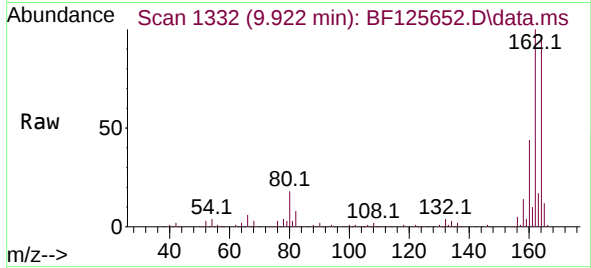




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125652.D
Acq: 25 Sep 2021 12:52

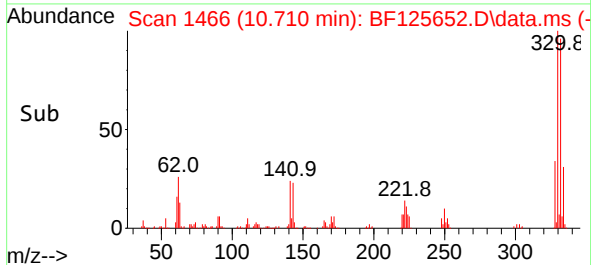
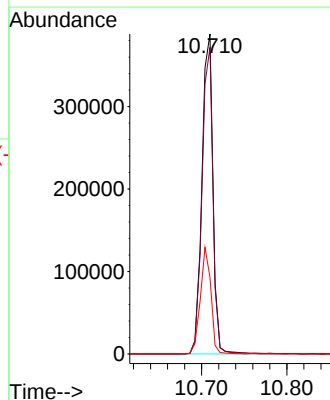
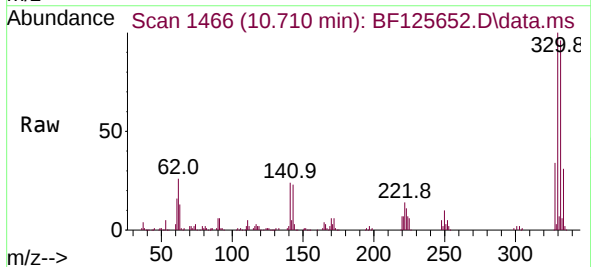
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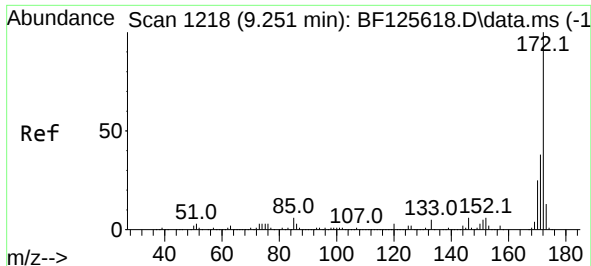
Tgt Ion:164 Resp: 321831
Ion Ratio Lower Upper
164 100
162 102.6 81.3 121.9
160 45.4 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 116.057 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125652.D
Acq: 25 Sep 2021 12:52

Tgt Ion:330 Resp: 348248
Ion Ratio Lower Upper
330 100
332 94.9 76.2 114.4
141 31.9 44.6 66.8#

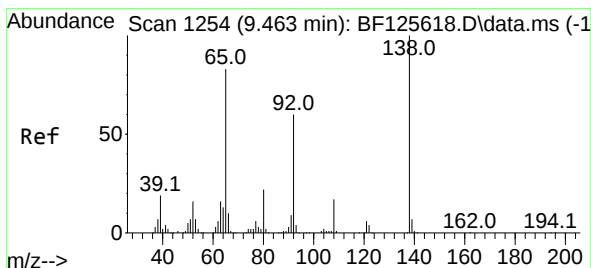
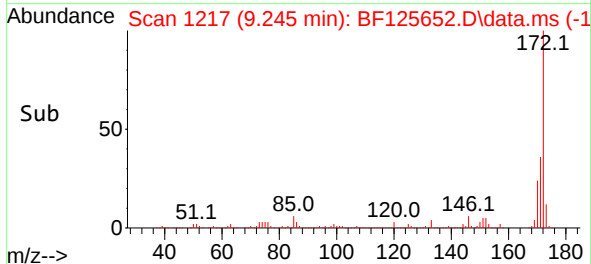
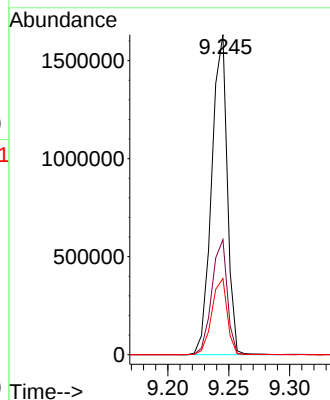
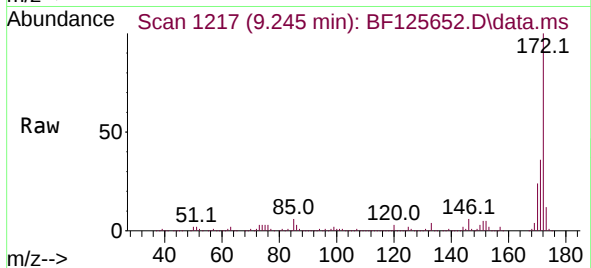




#45
2-Fluorobiphenyl
Concen: 80.335 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125652.D
Acq: 25 Sep 2021 12:52

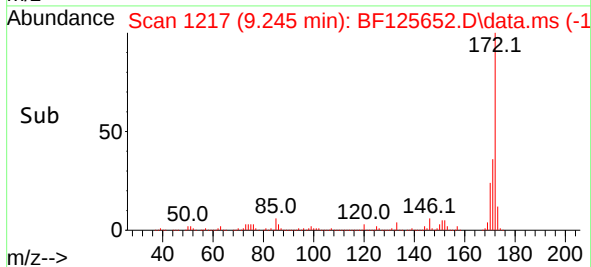
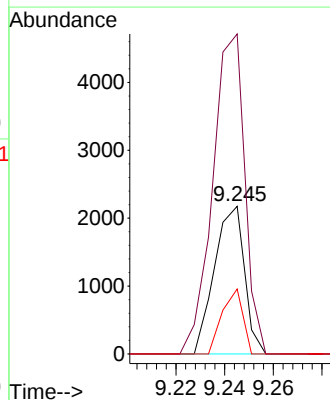
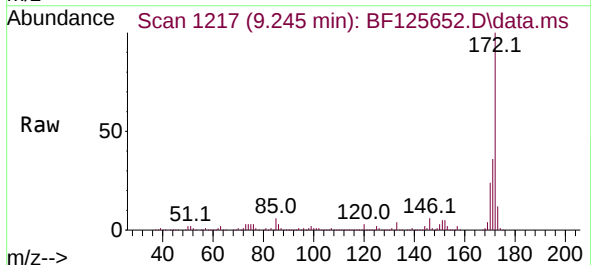
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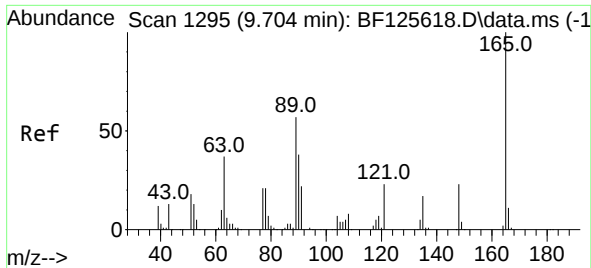
Tgt Ion:172 Resp: 1452040
Ion Ratio Lower Upper
172 100
171 36.0 26.5 39.7
170 23.8 18.8 28.2



#48
2-Nitroaniline
Concen: 4.525 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.218 min
Lab File: BF125652.D
Acq: 25 Sep 2021 12:52

Tgt Ion: 65 Resp: 1864
Ion Ratio Lower Upper
65 100
92 216.7 55.5 83.3#
138 44.0 93.5 140.3#

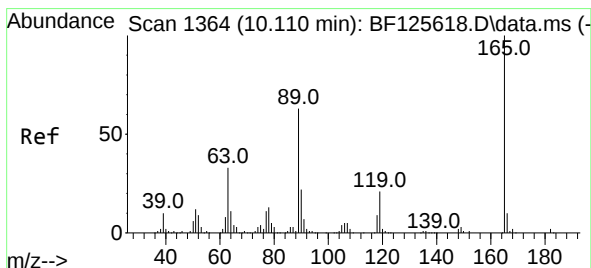
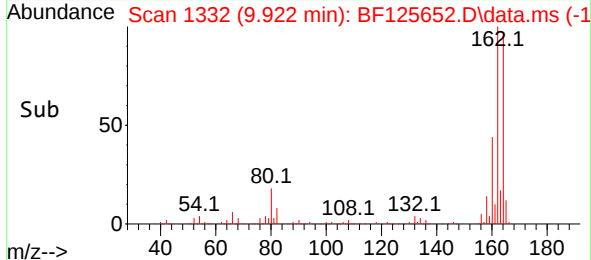
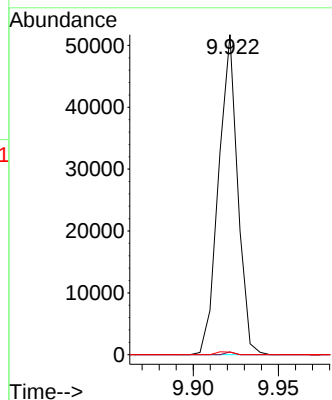
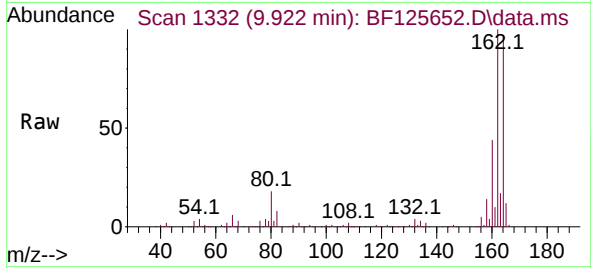




#51
2,6-Dinitrotoluene
Concen: 12.461 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125652.D
Acq: 25 Sep 2021 12:52

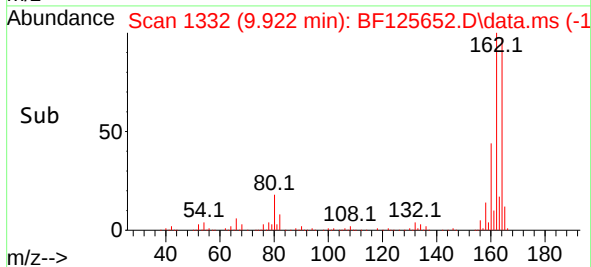
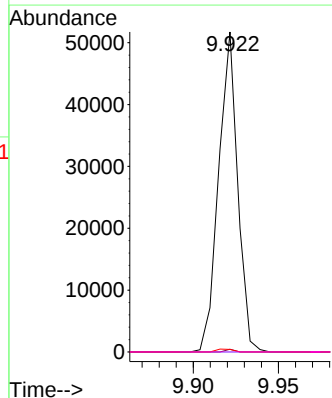
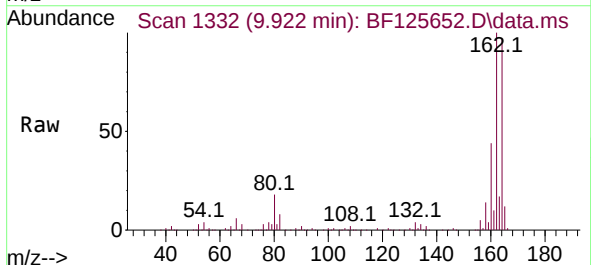
Instrument :
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SUP-UST-05-(23-25)

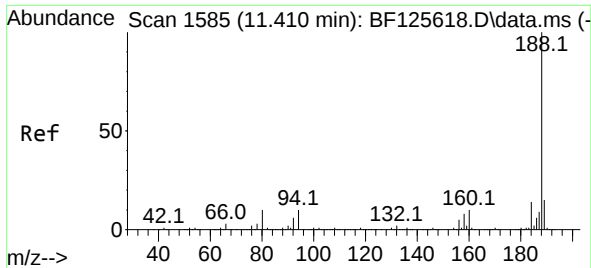
Tgt Ion:165 Resp: 40310
Ion Ratio Lower Upper
165 100
63 0.9 42.6 63.8#
89 0.8 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 11.388 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125652.D
Acq: 25 Sep 2021 12:52

Tgt Ion:165 Resp: 40310
Ion Ratio Lower Upper
165 100
63 0.9 40.9 61.3#
89 0.8 59.7 89.5#
182 0.0 0.0 0.0

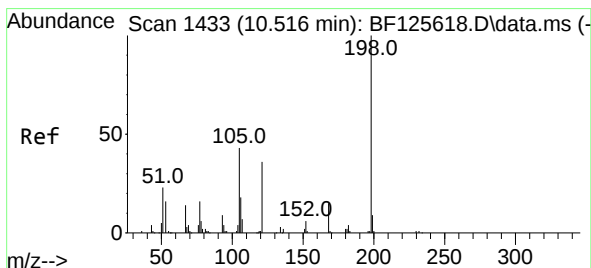
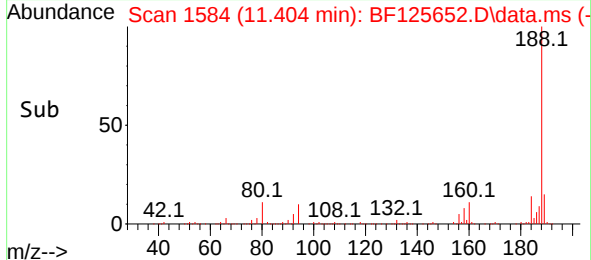
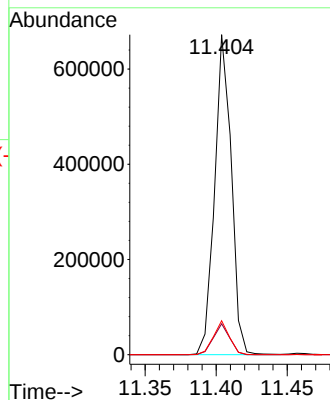
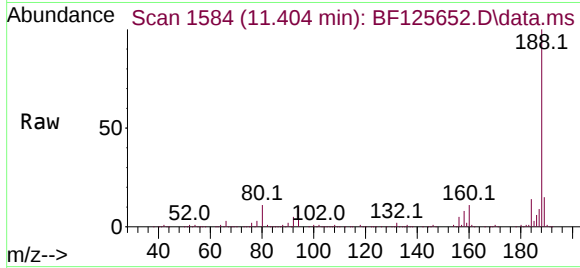




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125652.D
Acq: 25 Sep 2021 12:52

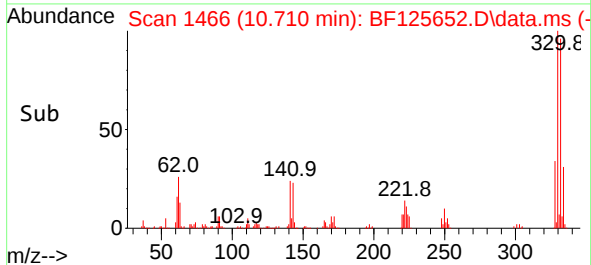
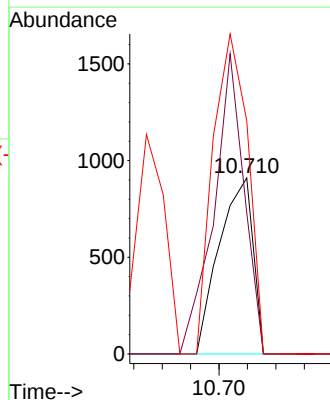
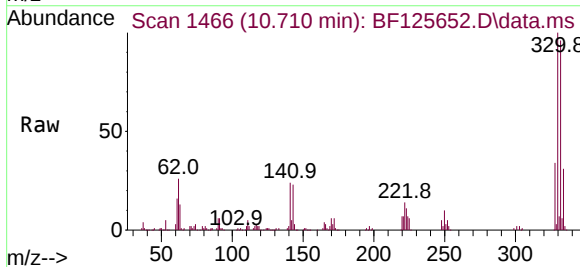
Instrument :
BNA_F
ClientSampleId :
SUP-UST-05-(23-25)

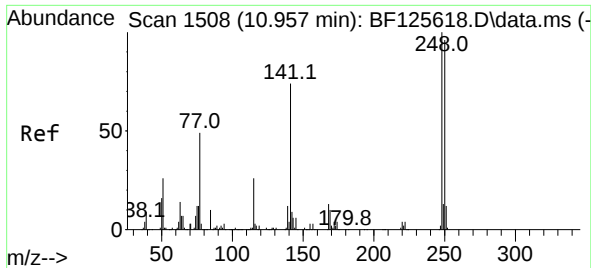
Tgt Ion:188 Resp: 547119
Ion Ratio Lower Upper
188 100
94 9.6 6.7 10.1
80 10.6 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 9.243 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF125652.D
Acq: 25 Sep 2021 12:52

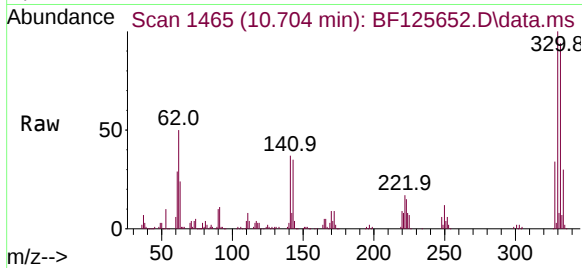
Tgt Ion:198 Resp: 752
Ion Ratio Lower Upper
198 100
51 80.2 45.3 85.3
105 132.5 30.6 70.6#



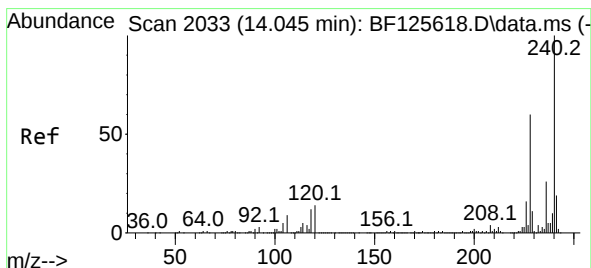
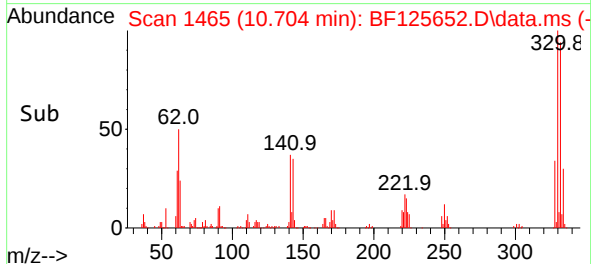
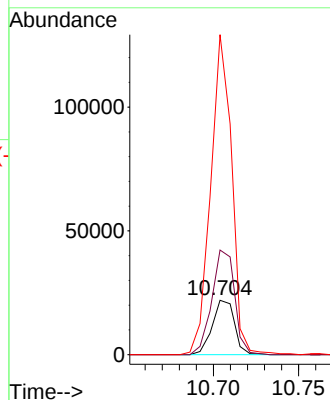


#67
4-Bromophenyl-phenylether
Concen: 3.464 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.253 min
Lab File: BF125652.D
Acq: 25 Sep 2021 12:52

Instrument :
BNA_F
ClientSampleId :
SUP-UST-05-(23-25)

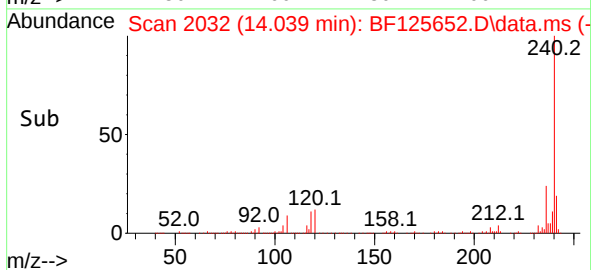
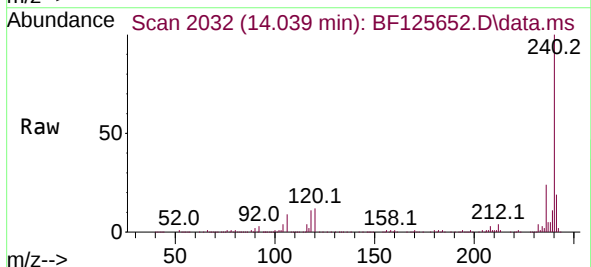
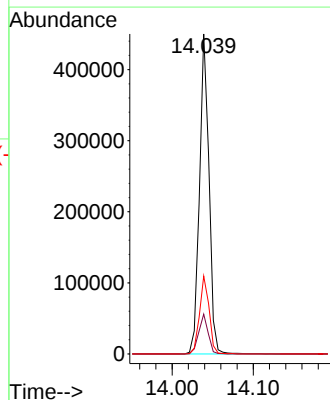


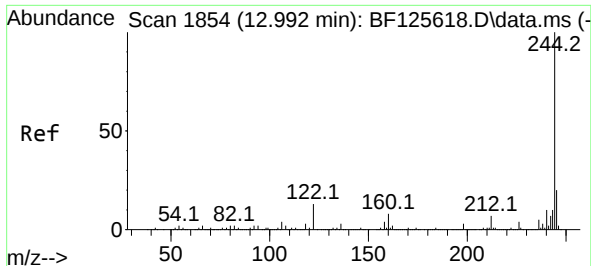
Tgt Ion:248 Resp: 19889
Ion Ratio Lower Upper
248 100
250 192.7 74.2 111.4#
141 588.8 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125652.D
Acq: 25 Sep 2021 12:52

Tgt Ion:240 Resp: 367005
Ion Ratio Lower Upper
240 100
120 12.4 10.8 16.2
236 24.3 21.6 32.4

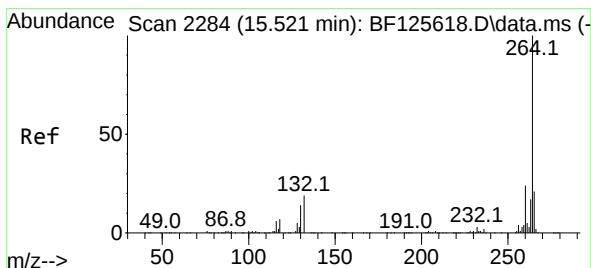
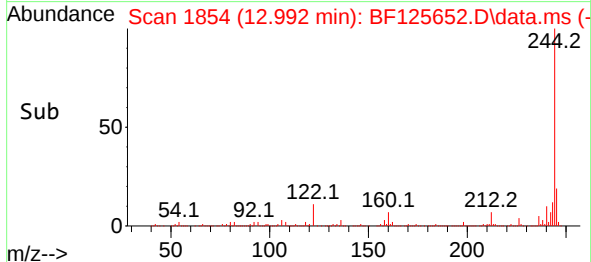
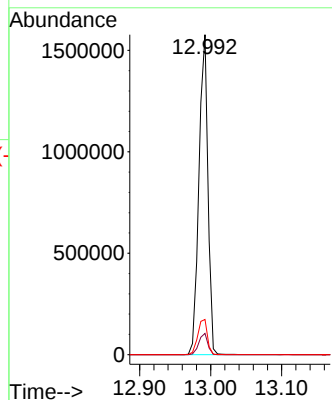
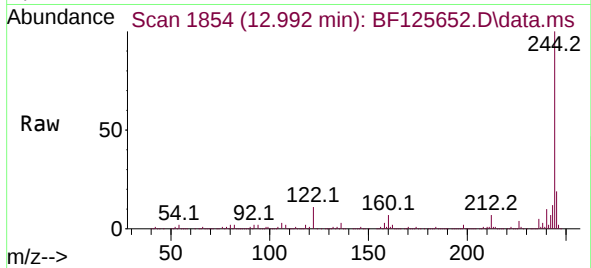




#79
 Terphenyl-d14
 Concen: 65.682 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. -0.000 min
 Lab File: BF125652.D
 Acq: 25 Sep 2021 12:52

Instrument :
 BNA_F
 ClientSampleId :
 SUP-UST-05-(23-25)

Tgt Ion:244 Resp: 1391981
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.9 8.9
 122 11.0 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: BF125652.D
 Acq: 25 Sep 2021 12:52

Tgt Ion:264 Resp: 298603
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.6 29.4
 265 21.5 17.2 25.8

