

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
 Data File : BF125602.D
 Acq On : 23 Sep 2021 20:45
 Operator : JU/CG
 Sample : M3889-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-UST-04-(6-8)

Quant Time: Sep 24 04:18:53 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 21 19:21:36 2021
 Response via : Initial Calibration

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

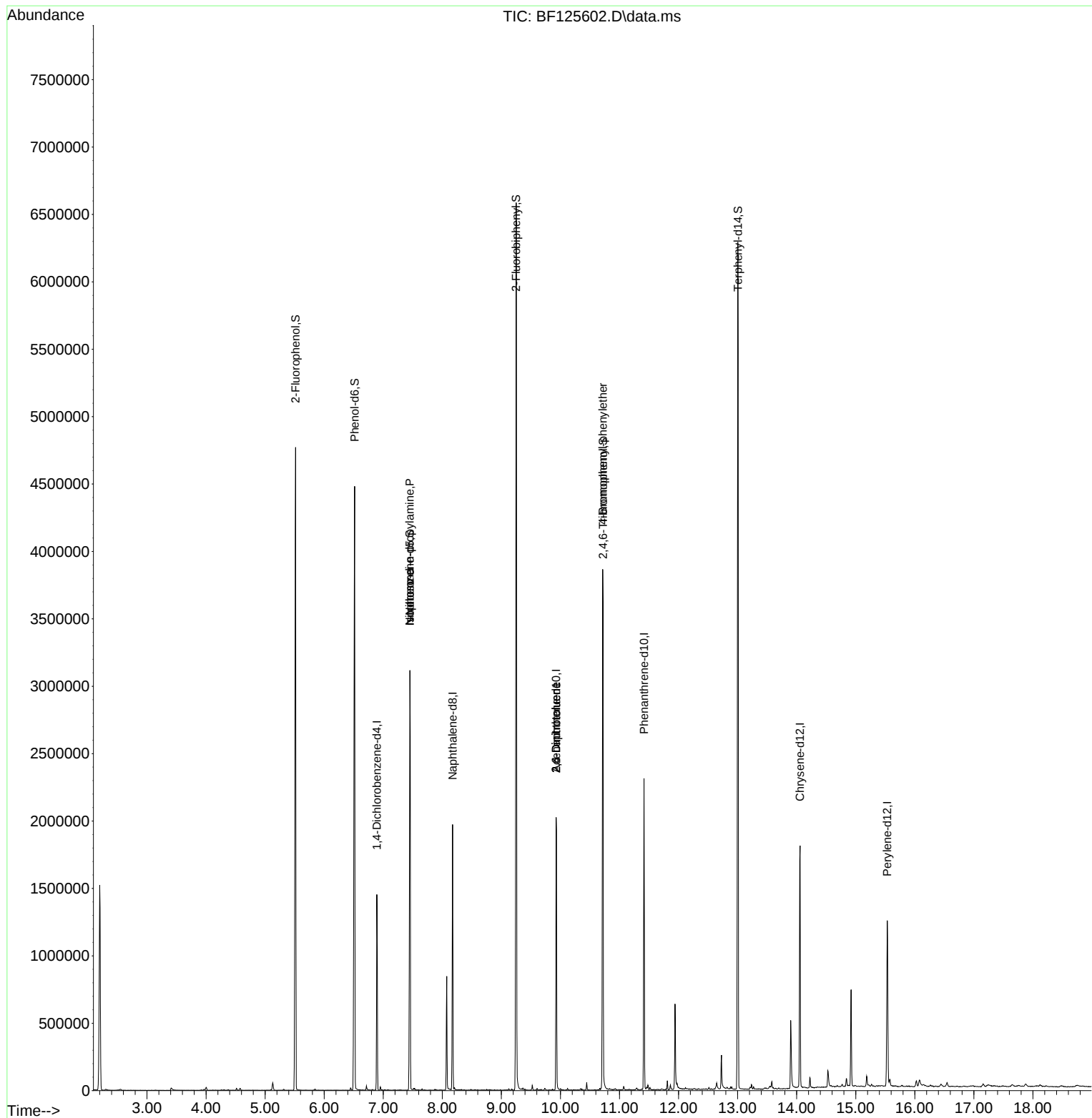
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	208189	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	857563	20.000	ng	# 0.00
39) Acenaphthene-d10	9.928	164	456009	20.000	ng	-0.01
64) Phenanthrene-d10	11.416	188	790562	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	635839	20.000	ng	0.00
86) Perylene-d12	15.533	264	561127	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1525674	115.887	ng	0.00
7) Phenol-d6	6.516	99	1858158	109.469	ng	0.00
23) Nitrobenzene-d5	7.451	82	1150411	85.563	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	570806	127.798	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	2188841	87.189	ng	-0.01
79) Terphenyl-d14	13.004	244	2350617	59.698	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.516	77	2771	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.451	70	143829	14.157	ng	# 52
25) Isophorone	7.451	82	1145001	39.573	ng	# 59
51) 2,6-Dinitrotoluene	9.928	165	57102	9.145	ng	# 27
57) 2,4-Dinitrotoluene	9.928	165	57103	7.631	ng	# 19
67) 4-Bromophenyl-phenylether	10.716	248	31740	3.513	ng	# 1

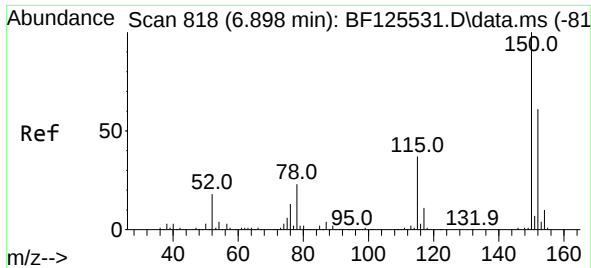
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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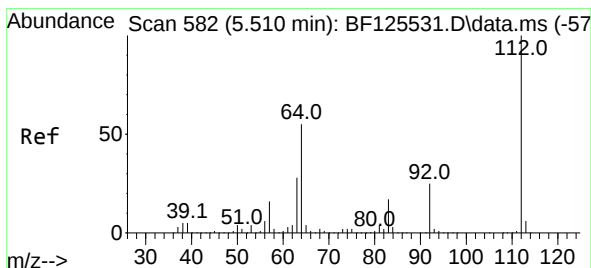
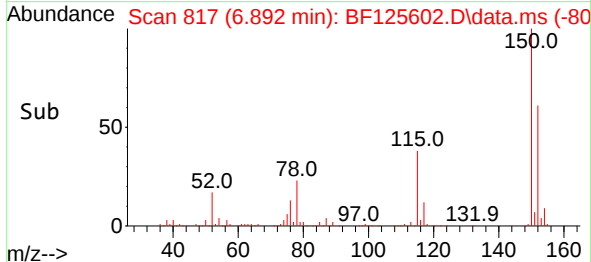
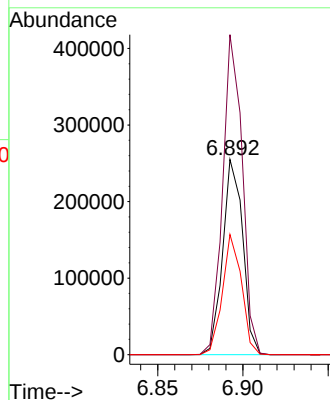
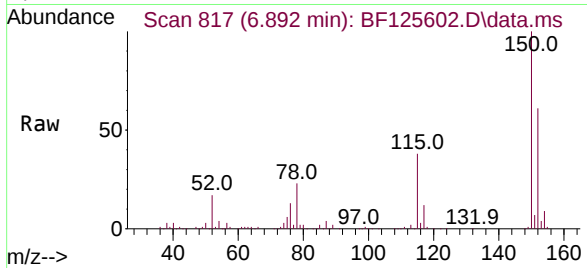




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF125602.D
Acq: 23 Sep 2021 20:45

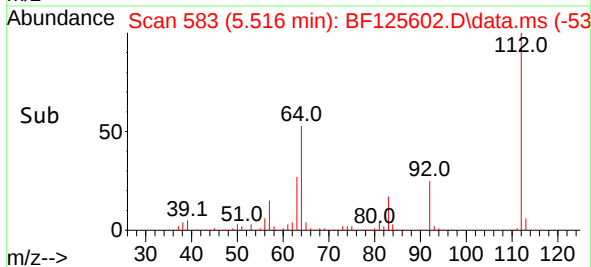
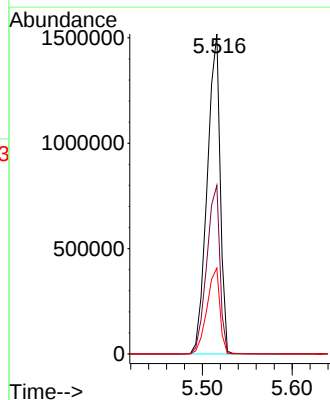
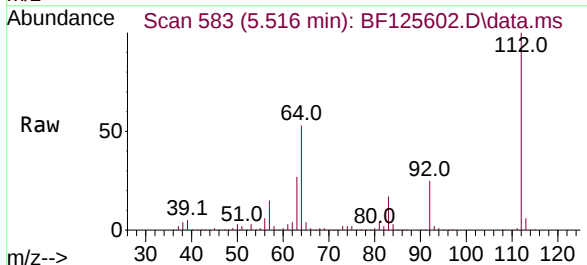
Instrument :
BNA_F
ClientSampleId :
SUP-UST-04-(6-8)

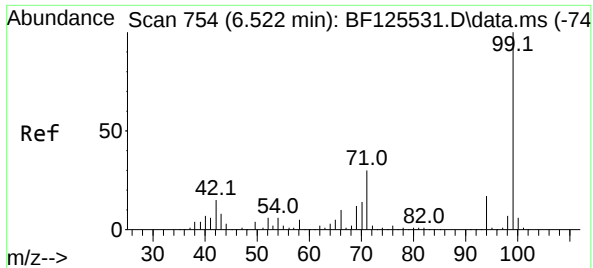
Tgt Ion:152 Resp: 208189
Ion Ratio Lower Upper
152 100
150 163.9 117.6 176.4
115 61.5 47.1 70.7



#5
2-Fluorophenol
Concen: 115.887 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF125602.D
Acq: 23 Sep 2021 20:45

Tgt Ion:112 Resp: 1525674
Ion Ratio Lower Upper
112 100
64 52.6 44.2 66.2
63 26.8 26.2 39.2

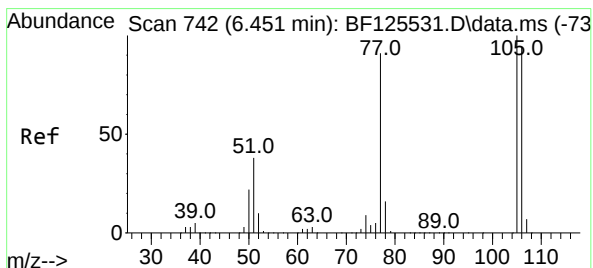
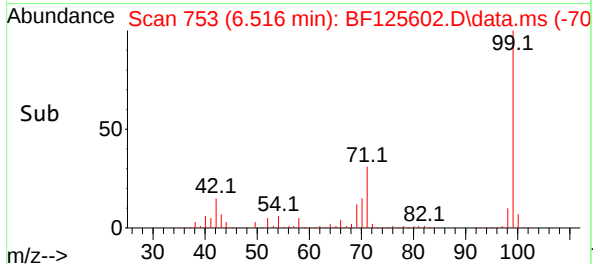
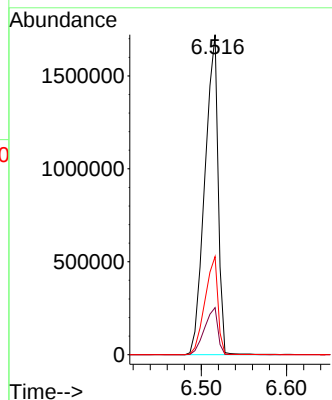
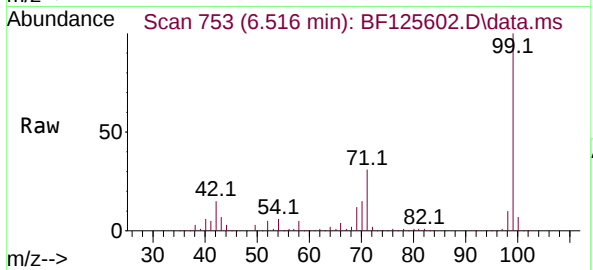




#7
Phenol-d6
Concen: 109.469 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF125602.D
Acq: 23 Sep 2021 20:45

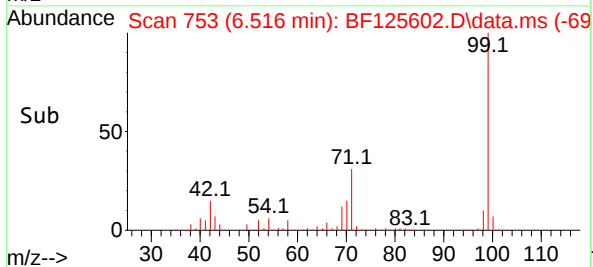
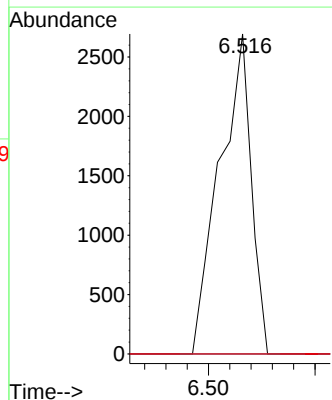
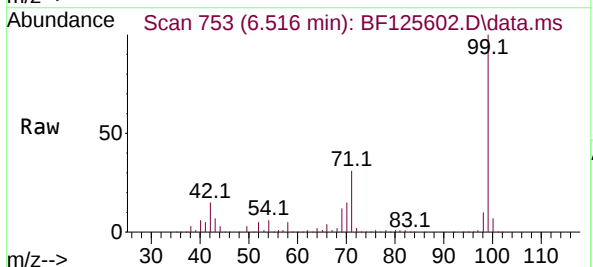
Instrument :
BNA_F
ClientSampleId :
SUP-UST-04-(6-8)

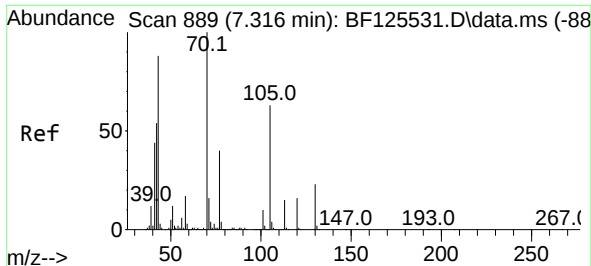
Tgt Ion: 99 Resp: 1858158
Ion Ratio Lower Upper
99 100
42 14.7 23.5 35.3#
71 30.6 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 753
Delta R.T. 0.065 min
Lab File: BF125602.D
Acq: 23 Sep 2021 20:45

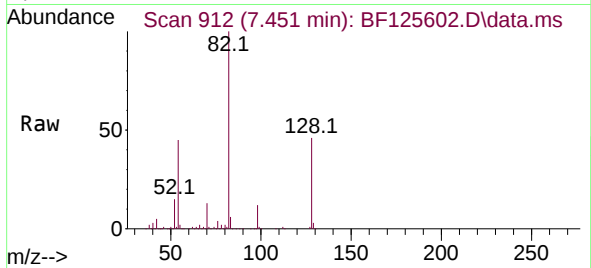
Tgt Ion: 77 Resp: 2771
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



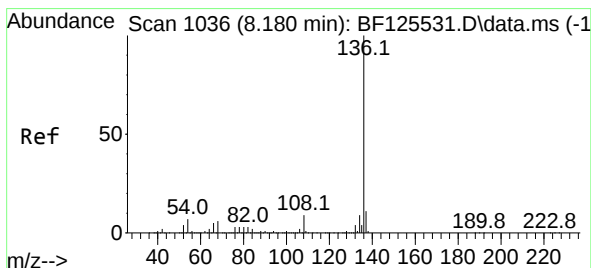
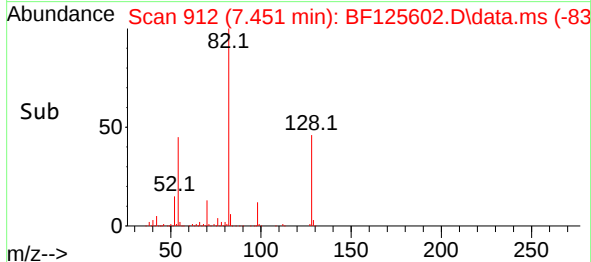
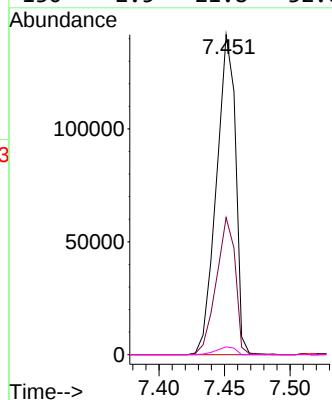


#19
n-Nitroso-di-n-propylamine
Concen: 14.157 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.135 min
Lab File: BF125602.D
Acq: 23 Sep 2021 20:45

Instrument :
BNA_F
ClientSampleId :
SUP-UST-04-(6-8)

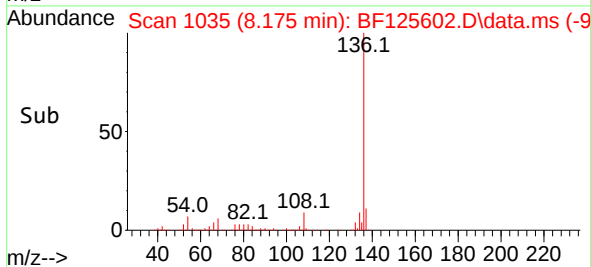
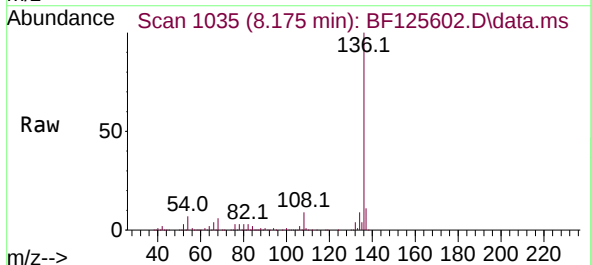
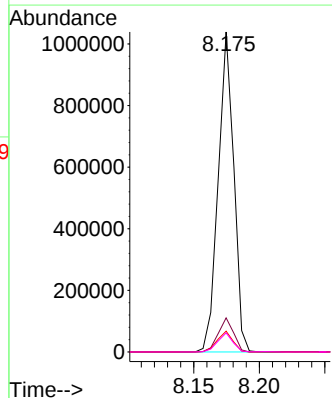


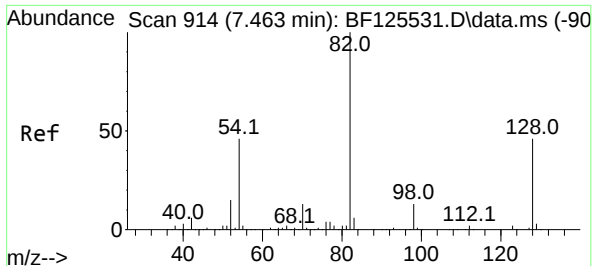
Tgt Ion: 70 Resp: 143829
Ion Ratio Lower Upper
70 100
42 42.8 72.2 108.2#
101 0.0 7.8 11.8#
130 2.5 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF125602.D
Acq: 23 Sep 2021 20:45

Tgt Ion: 136 Resp: 857563
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.6
54 6.5 6.4 9.6
68 5.9 3.3 4.9#

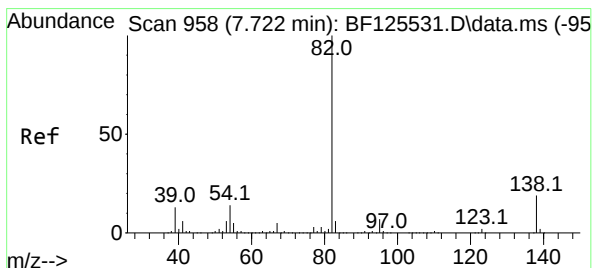
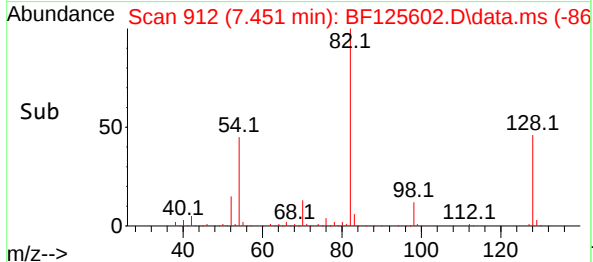
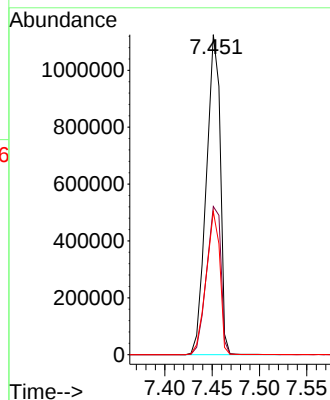
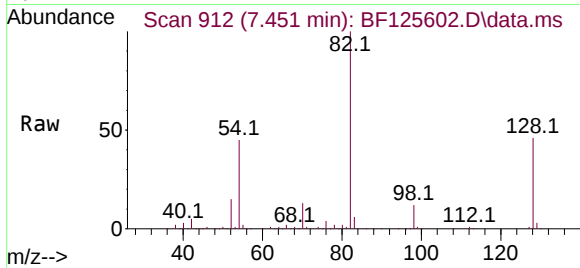




#23
Nitrobenzene-d5
Concen: 85.563 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF125602.D
Acq: 23 Sep 2021 20:45

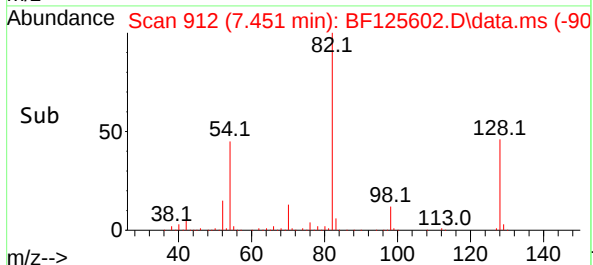
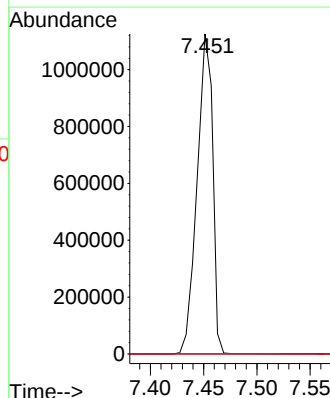
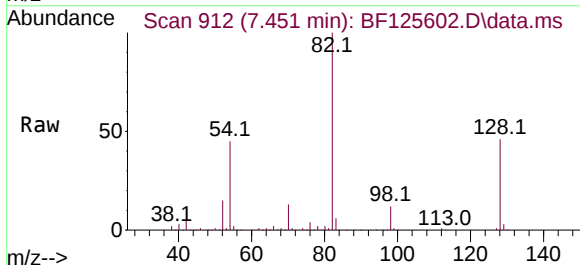
Instrument :
BNA_F
ClientSampleId :
SUP-UST-04-(6-8)

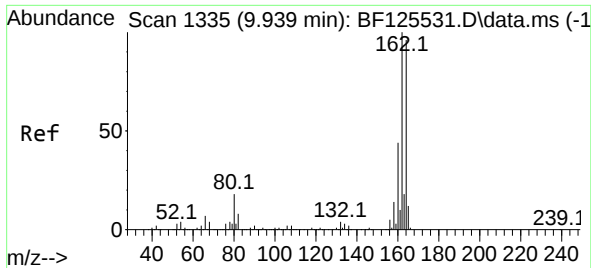
Tgt Ion: 82 Resp: 1150411
Ion Ratio Lower Upper
82 100
128 46.3 40.6 60.8
54 44.8 49.6 74.4#



#25
Isophorone
Concen: 39.573 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.270 min
Lab File: BF125602.D
Acq: 23 Sep 2021 20:45

Tgt Ion: 82 Resp: 1145001
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: 9.928 min Scan# 1333

Delta R.T. -0.011 min

Lab File: BF125602.D

Acq: 23 Sep 2021 20:45

Instrument :

BNA_F

ClientSampleId :

SUP-UST-04-(6-8)

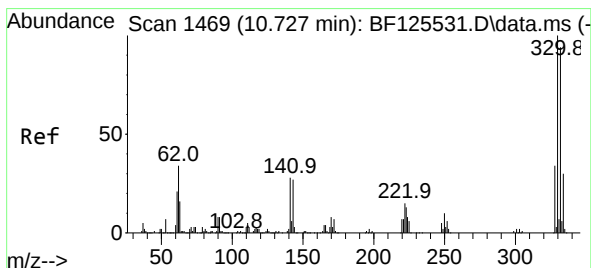
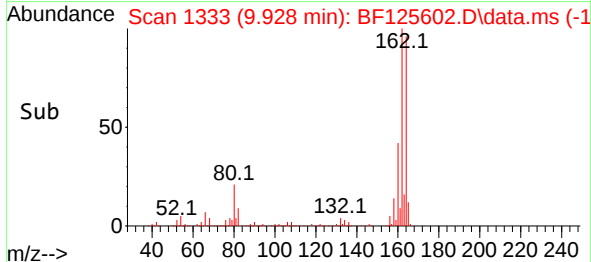
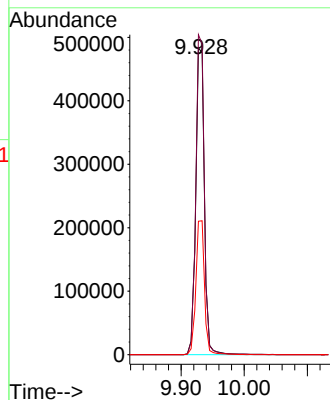
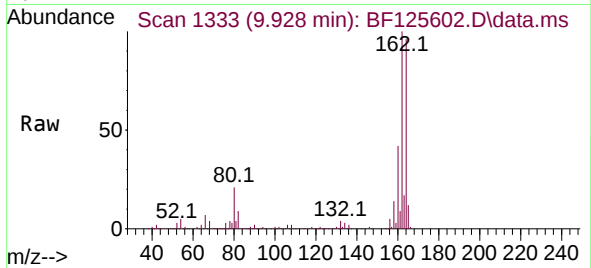
Tgt Ion:164 Resp: 456009

Ion Ratio Lower Upper

164 100

162 104.3 81.3 121.9

160 43.5 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 127.798 ng

RT: 10.722 min Scan# 1468

Delta R.T. -0.006 min

Lab File: BF125602.D

Acq: 23 Sep 2021 20:45

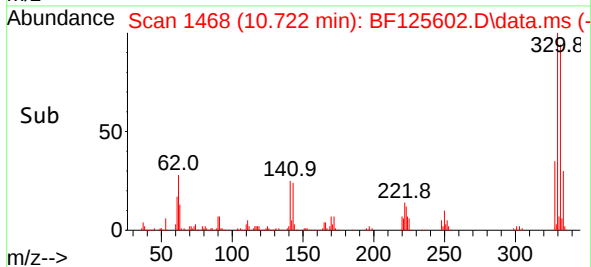
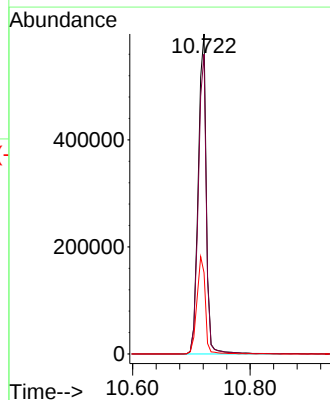
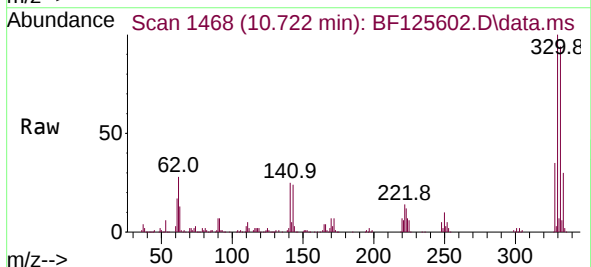
Tgt Ion:330 Resp: 570806

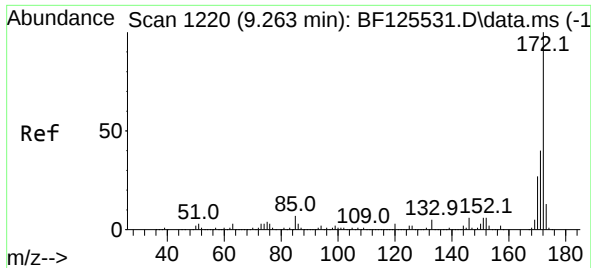
Ion Ratio Lower Upper

330 100

332 93.6 76.2 114.4

141 31.6 44.6 66.8#

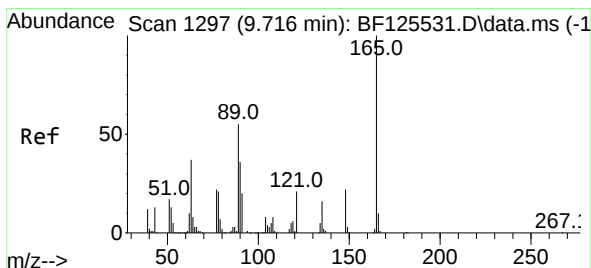
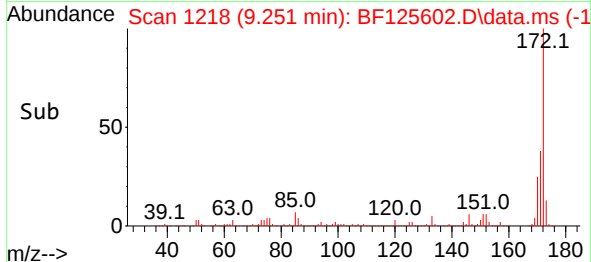
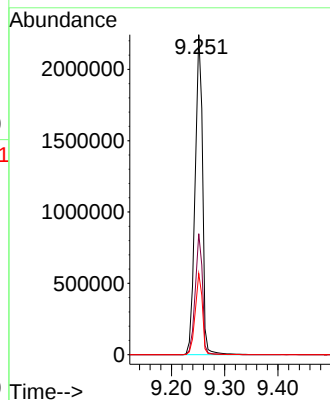
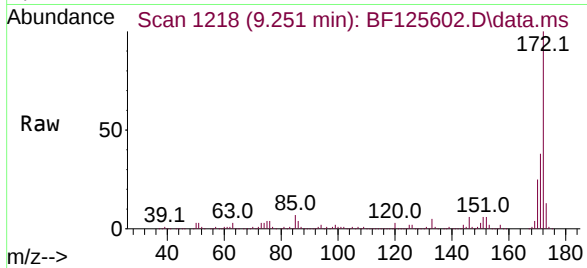




#45
2-Fluorobiphenyl
Concen: 87.189 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF125602.D
Acq: 23 Sep 2021 20:45

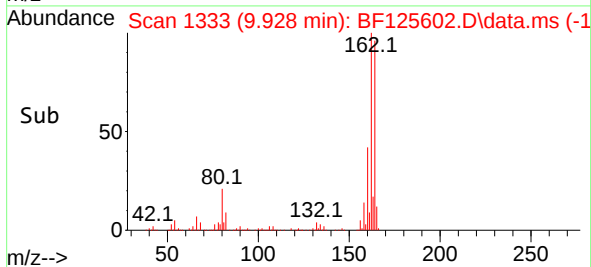
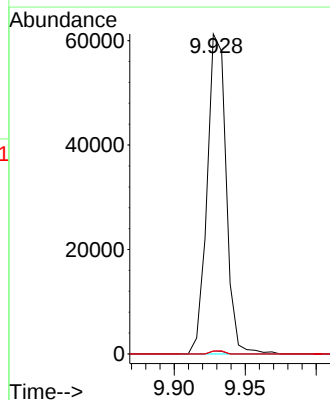
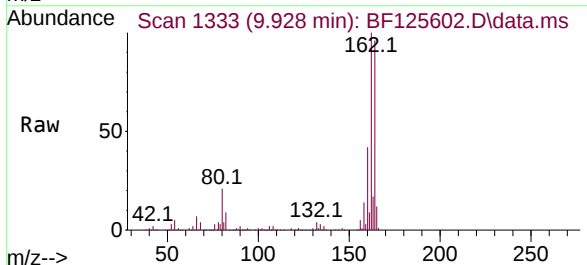
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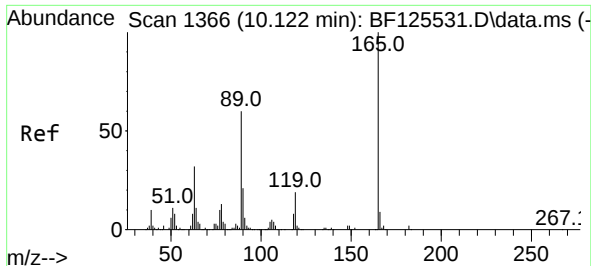
Tgt Ion:172 Resp: 2188841
Ion Ratio Lower Upper
172 100
171 37.8 26.5 39.7
170 25.3 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 9.145 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.212 min
Lab File: BF125602.D
Acq: 23 Sep 2021 20:45

Tgt Ion:165 Resp: 57102
Ion Ratio Lower Upper
165 100
63 0.9 42.6 63.8#
89 0.9 40.6 60.8#

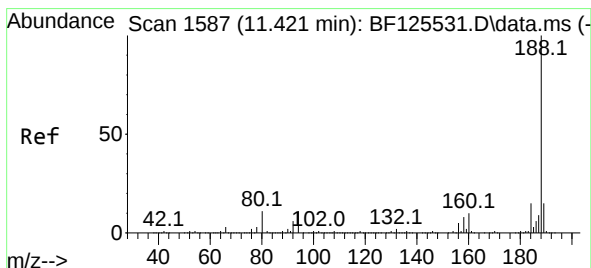
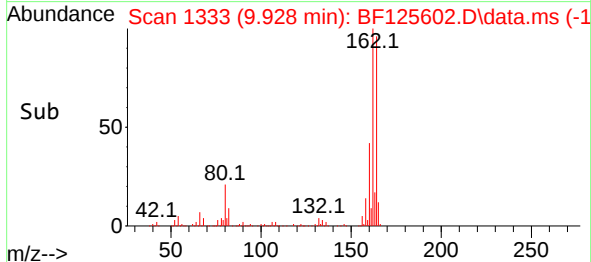
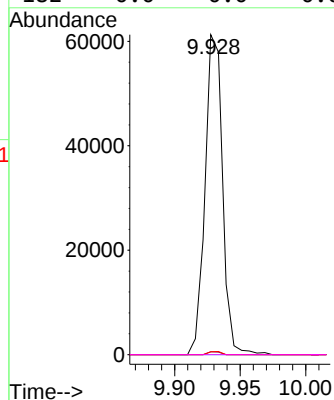
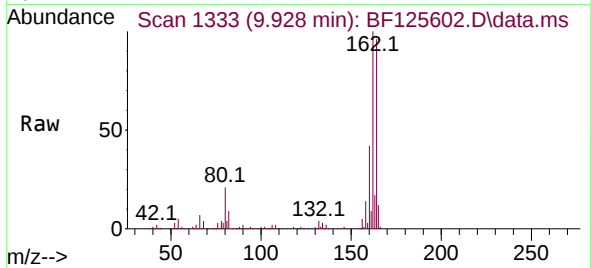




#57
2,4-Dinitrotoluene
Concen: 7.631 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF125602.D
Acq: 23 Sep 2021 20:45

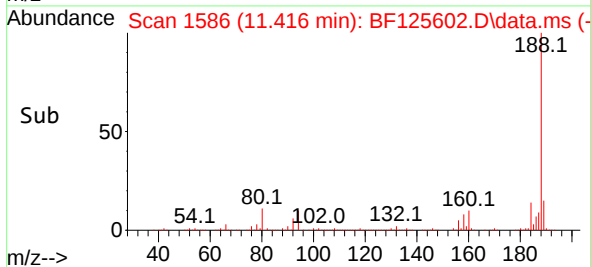
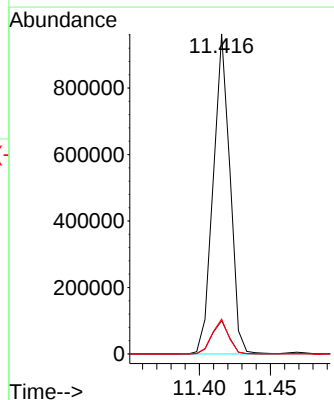
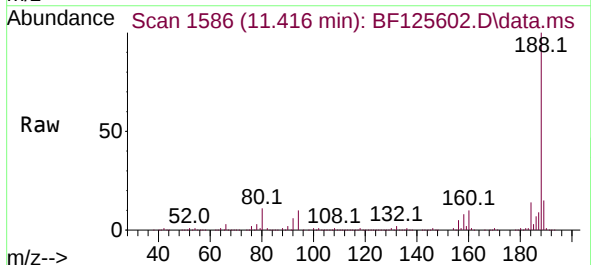
Instrument :
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SUP-UST-04-(6-8)

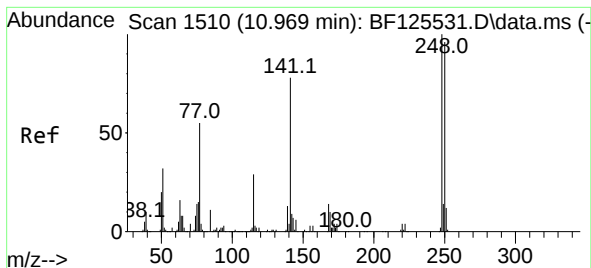
Tgt Ion:165	Resp:	57103
Ion Ratio	Lower	Upper
165	100	
63	0.9	40.9 61.3#
89	0.9	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125602.D
Acq: 23 Sep 2021 20:45

Tgt Ion:188	Resp:	790562
Ion Ratio	Lower	Upper
188	100	
94	10.3	6.7 10.1#
80	10.9	7.5 11.3

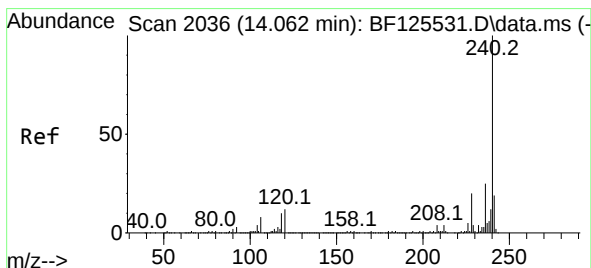
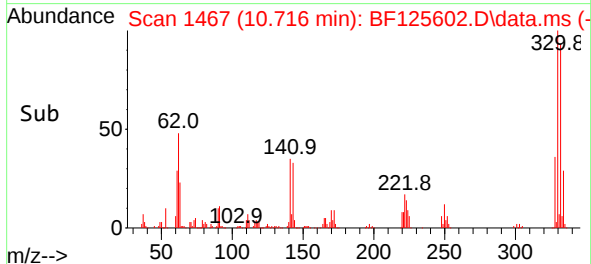
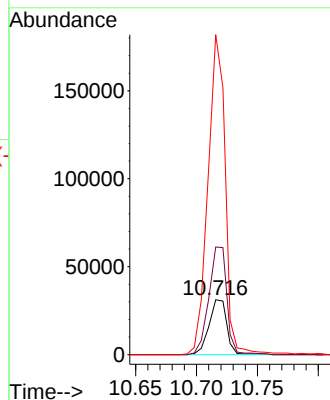
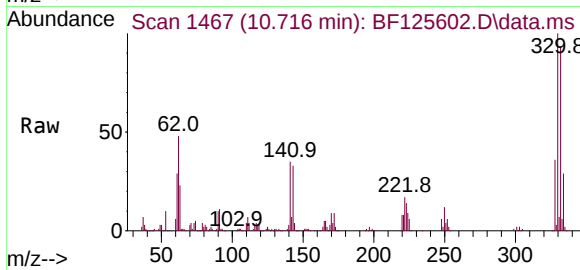




#67
4-Bromophenyl-phenylether
Concen: 3.513 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.253 min
Lab File: BF125602.D
Acq: 23 Sep 2021 20:45

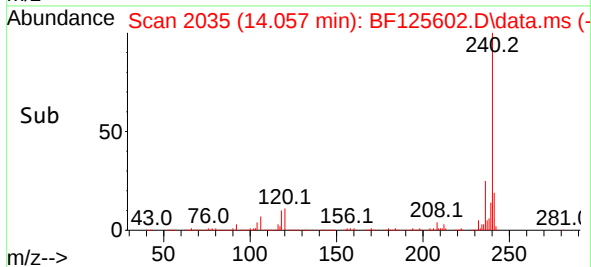
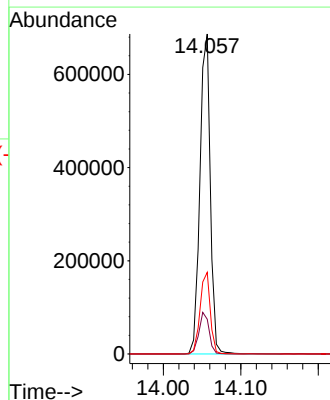
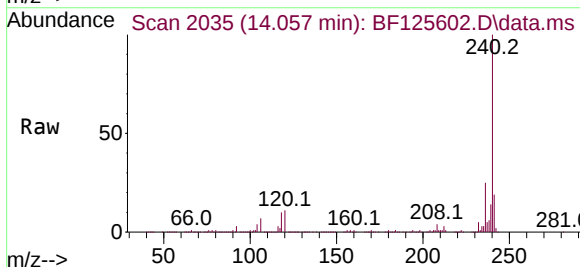
Instrument :
BNA_F
ClientSampleId :
SUP-UST-04-(6-8)

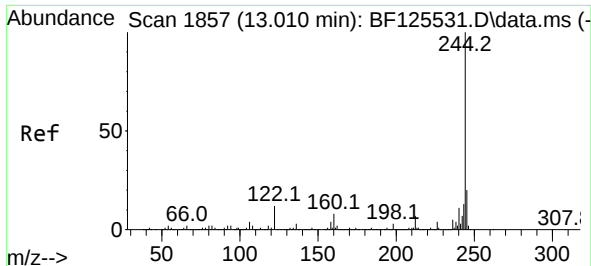
Tgt Ion:248 Resp: 31740
Ion Ratio Lower Upper
248 100
250 196.3 74.2 111.4#
141 583.4 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125602.D
Acq: 23 Sep 2021 20:45

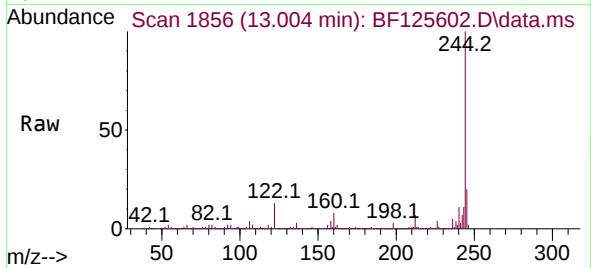
Tgt Ion:240 Resp: 635839
Ion Ratio Lower Upper
240 100
120 10.9 10.8 16.2
236 25.5 21.6 32.4



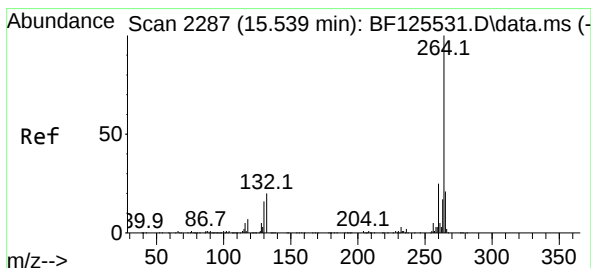
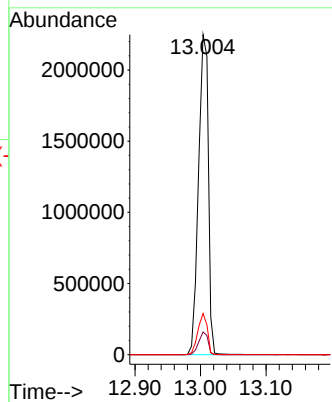
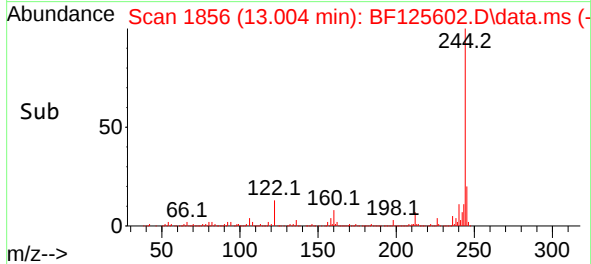


#79
Terphenyl-d14
Concen: 59.698 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF125602.D
Acq: 23 Sep 2021 20:45

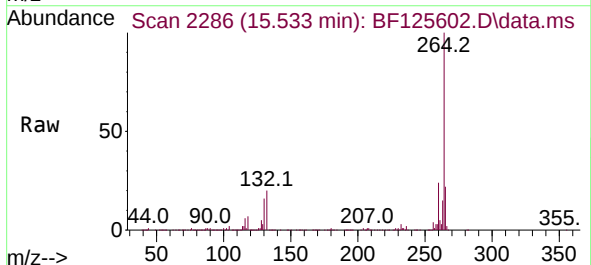
Instrument :
BNA_F
ClientSampleId :
SUP-UST-04-(6-8)



Tgt Ion:244 Resp: 2350617
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 12.9 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2286
Delta R.T. -0.006 min
Lab File: BF125602.D
Acq: 23 Sep 2021 20:45



Tgt Ion:264 Resp: 561127
Ion Ratio Lower Upper
264 100
260 24.2 19.6 29.4
265 21.9 17.2 25.8

