

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
 Data File : BF125605.D
 Acq On : 23 Sep 2021 22:22
 Operator : JU/CG
 Sample : M3889-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-UST-04-(13-15)

Quant Time: Sep 24 04:19:38 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)

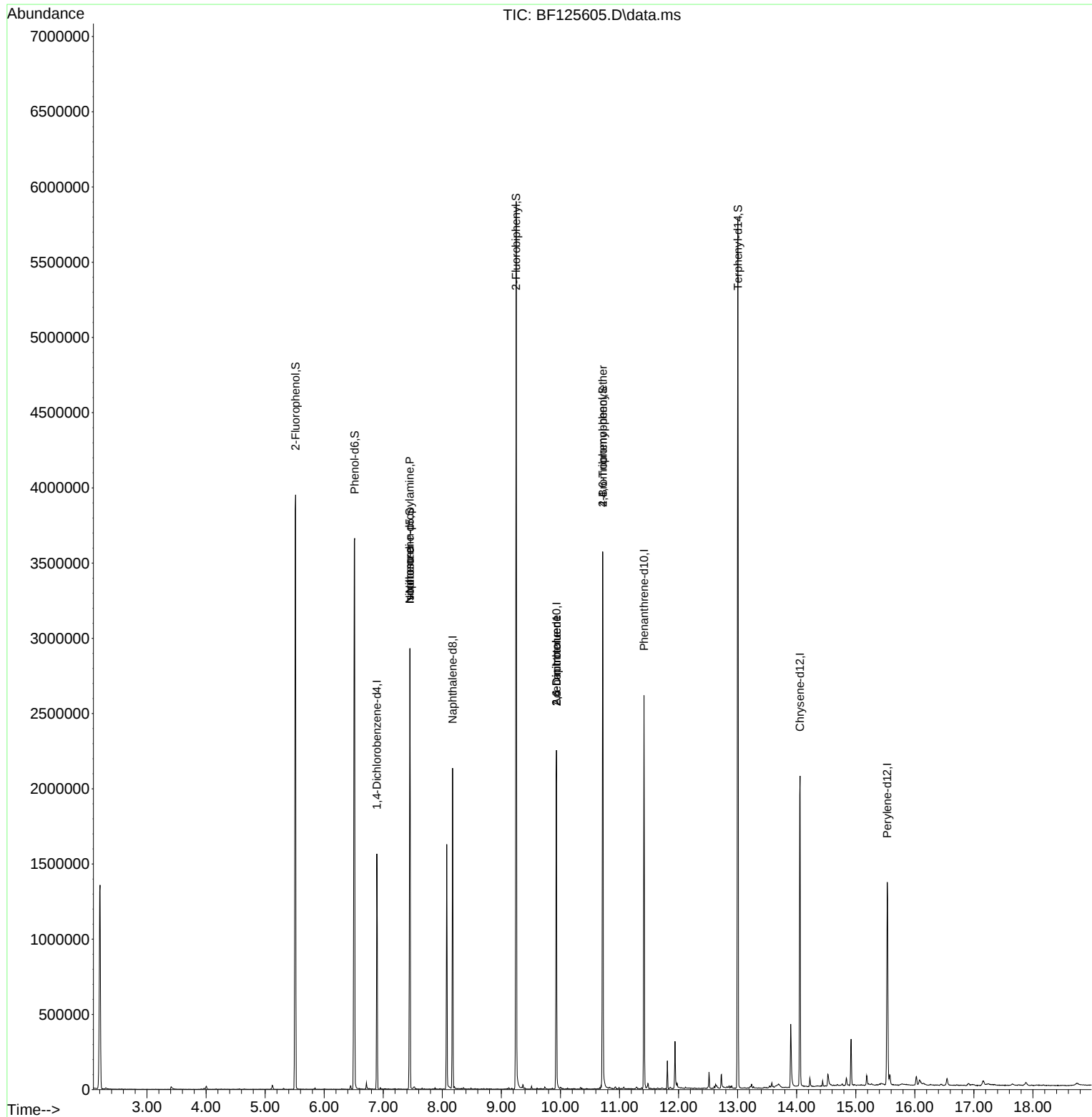
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	223124	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	922129	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	497608	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	879845	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	724346	20.000	ng	0.00
86) Perylene-d12	15.533	264	629512	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1336895	94.750	ng	0.00
7) Phenol-d6	6.516	99	1626157	89.389	ng	0.00
23) Nitrobenzene-d5	7.451	82	987474	68.302	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	487534	100.029	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	1878619	65.794	ng	-0.01
79) Terphenyl-d14	13.004	244	2011550	44.844	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.439	77	883	Below Cal	#	84
19) n-Nitroso-di-n-propyla...	7.451	70	125499	11.526	ng	# 50
25) Isophorone	7.451	82	983288	31.604	ng	# 59
51) 2,6-Dinitrotoluene	9.933	165	61810	9.072	ng	# 27
57) 2,4-Dinitrotoluene	9.933	165	61810	7.570	ng	# 19
67) 4-Bromophenyl-phenylether	10.716	248	27802	2.765	ng	# 1

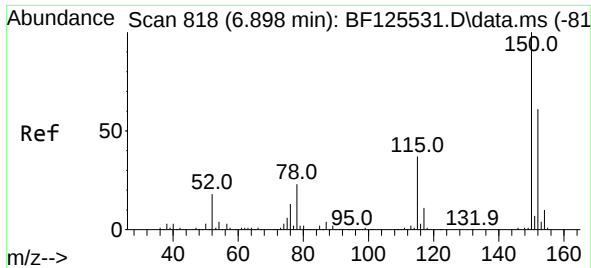
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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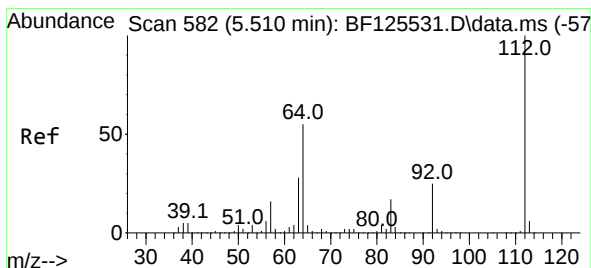
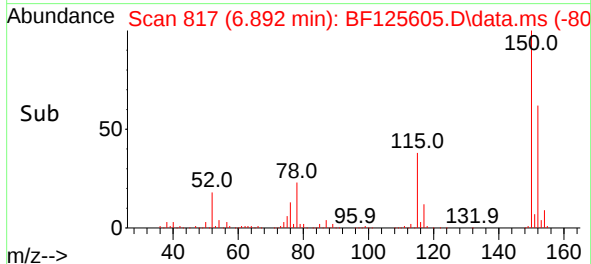
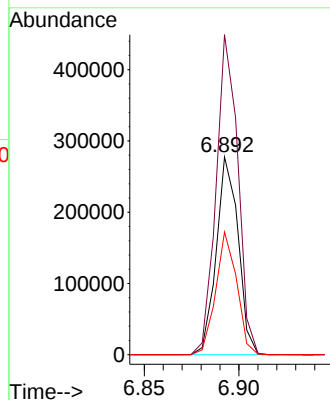
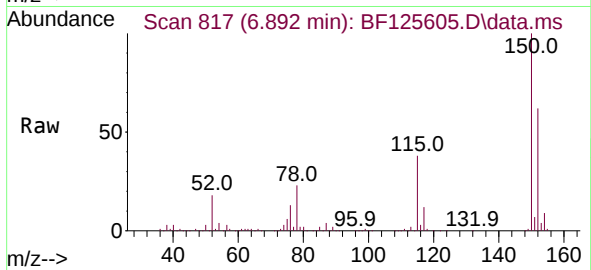




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF125605.D
Acq: 23 Sep 2021 22:22

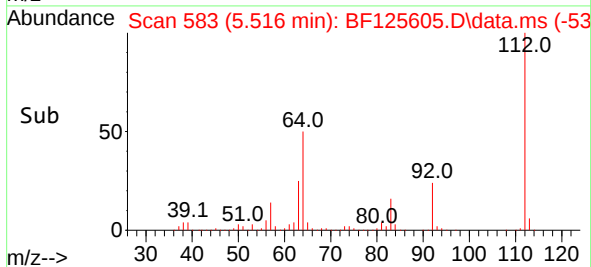
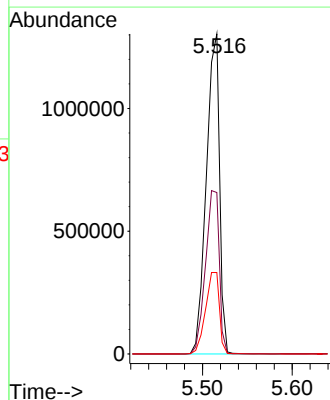
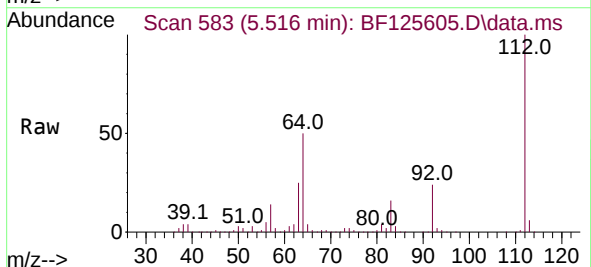
Instrument :
BNA_F
ClientSampleId :
SUP-UST-04-(13-15)

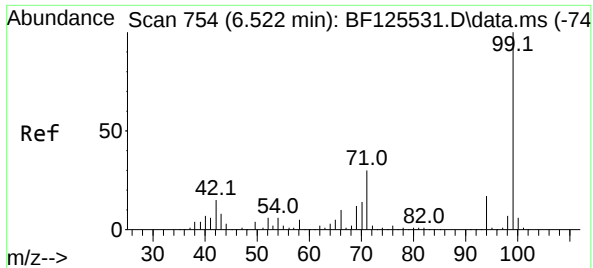
Tgt Ion:152 Resp: 223124
Ion Ratio Lower Upper
152 100
150 161.8 117.6 176.4
115 62.0 47.1 70.7



#5
2-Fluorophenol
Concen: 94.750 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF125605.D
Acq: 23 Sep 2021 22:22

Tgt Ion:112 Resp: 1336895
Ion Ratio Lower Upper
112 100
64 50.4 44.2 66.2
63 25.5 26.2 39.2#

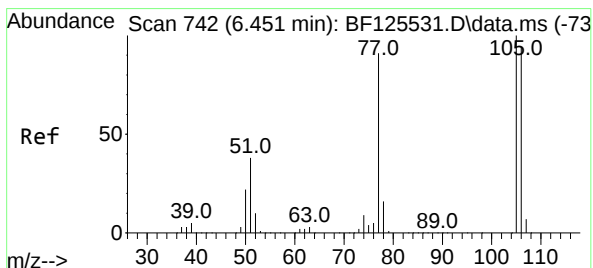
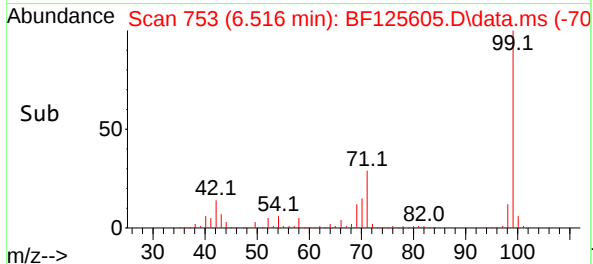
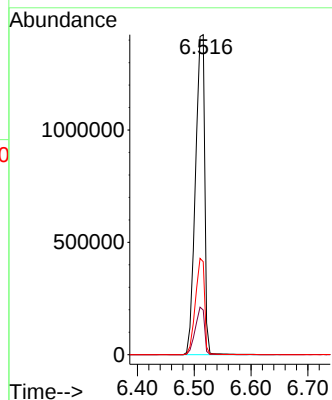
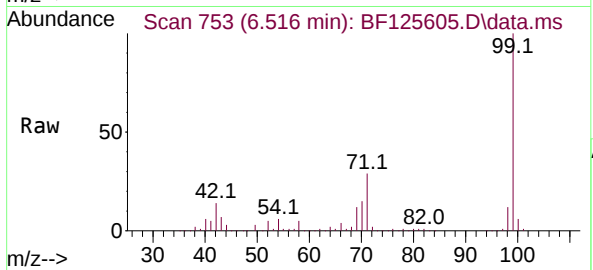




#7
Phenol-d6
Concen: 89.389 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF125605.D
Acq: 23 Sep 2021 22:22

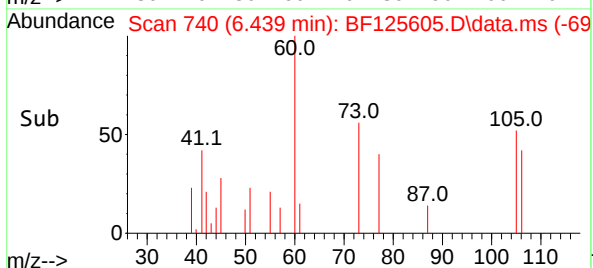
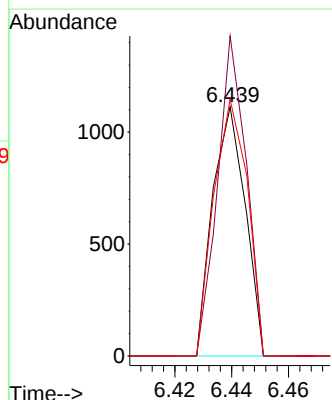
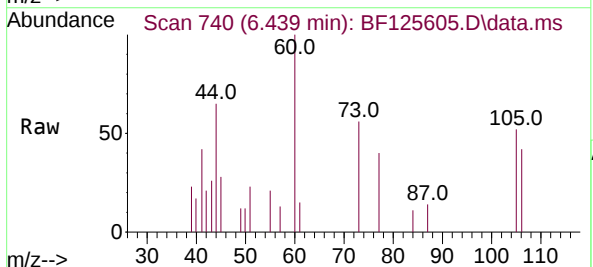
Instrument :
BNA_F
ClientSampleId :
SUP-UST-04-(13-15)

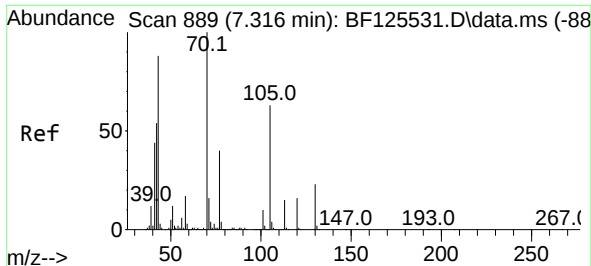
Tgt Ion: 99 Resp: 1626157
Ion Ratio Lower Upper
99 100
42 14.0 23.5 35.3#
71 29.0 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.439 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF125605.D
Acq: 23 Sep 2021 22:22

Tgt Ion: 77 Resp: 883
Ion Ratio Lower Upper
77 100
105 128.5 75.9 115.9#
106 103.1 84.0 124.0

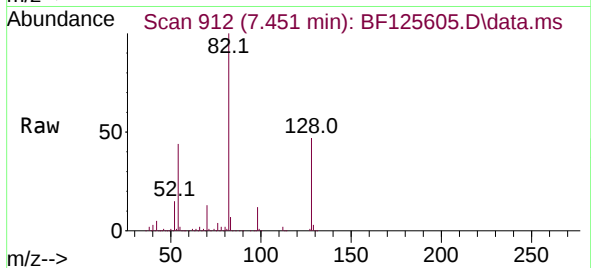




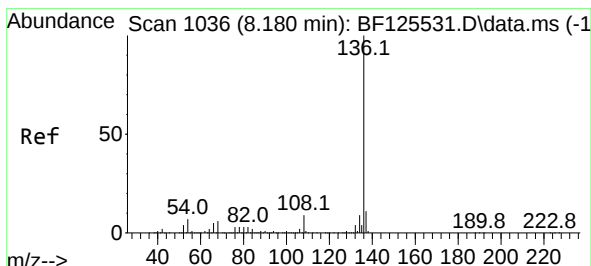
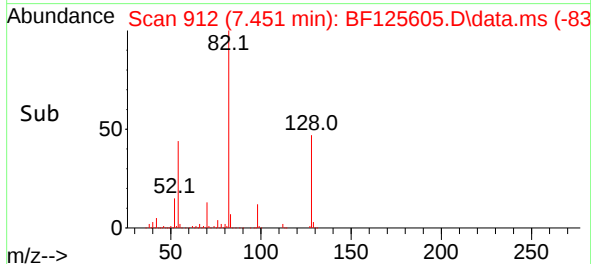
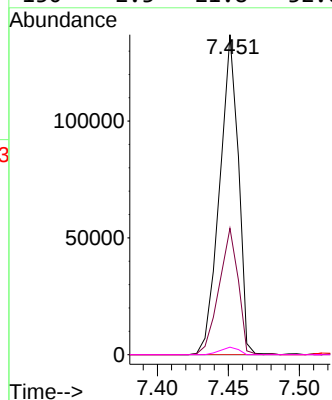
#19

n-Nitroso-di-n-propylamine
Concen: 11.526 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.135 min
Lab File: BF125605.D
Acq: 23 Sep 2021 22:22

Instrument :
BNA_F
ClientSampleId :
SUP-UST-04-(13-15)



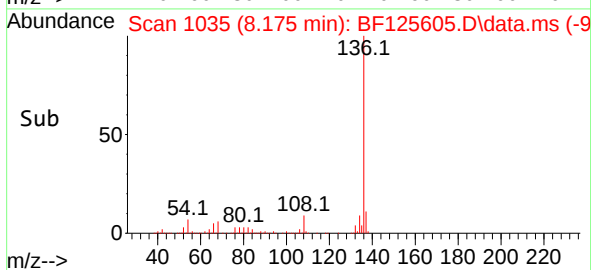
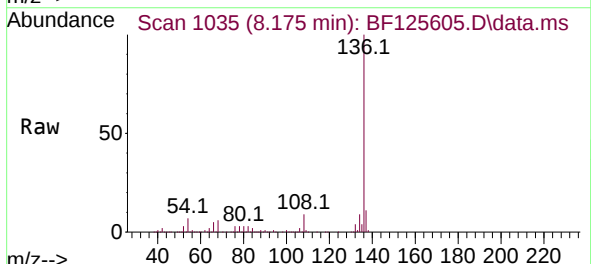
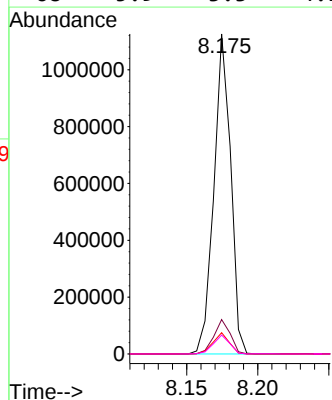
Tgt Ion: 70	Resp: 125499
Ion Ratio	Lower Upper
70 100	
42 39.5	72.2 108.2#
101 0.0	7.8 11.8#
130 2.3	21.8 32.6#

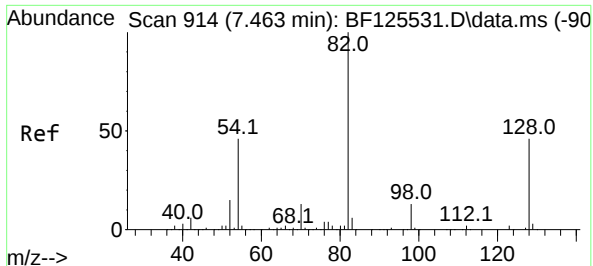


#21

Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF125605.D
Acq: 23 Sep 2021 22:22

Tgt Ion: 136	Resp: 922129
Ion Ratio	Lower Upper
136 100	
137 10.7	9.8 14.6
54 6.7	6.4 9.6
68 5.9	3.3 4.9#





#23

Nitrobenzene-d5

Concen: 68.302 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.012 min

Lab File: BF125605.D

Acq: 23 Sep 2021 22:22

Tgt Ion: 82 Resp: 987474

Ion Ratio Lower Upper

82 100

128 47.0 40.6 60.8

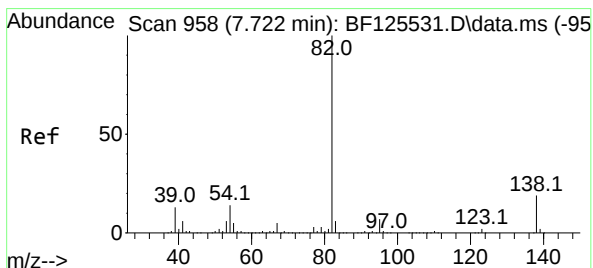
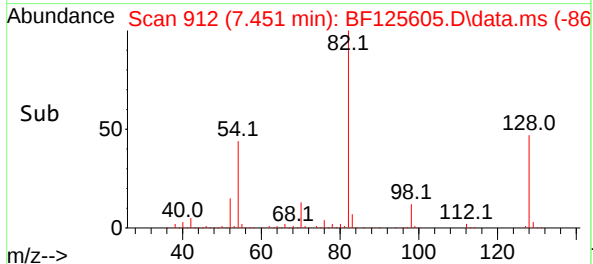
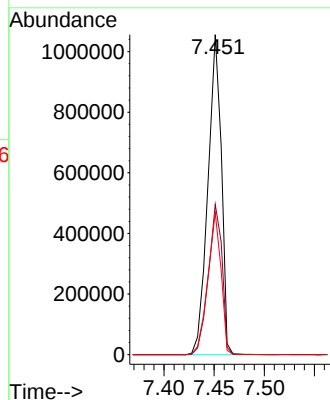
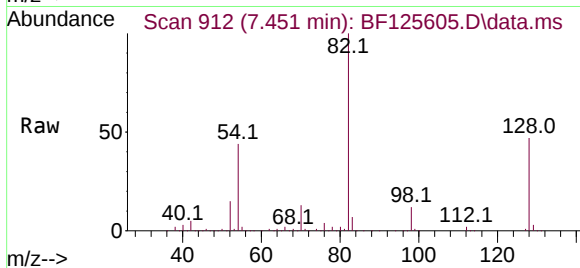
54 44.4 49.6 74.4#

Instrument :

BNA_F

ClientSampleId :

SUP-UST-04-(13-15)



#25

Isophorone

Concen: 31.604 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.271 min

Lab File: BF125605.D

Acq: 23 Sep 2021 22:22

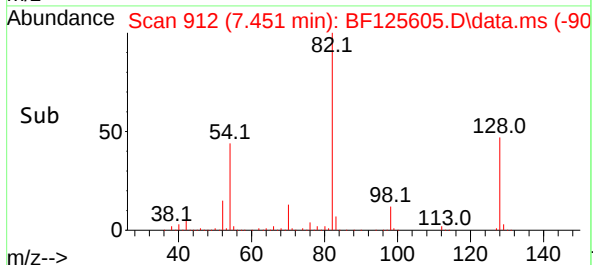
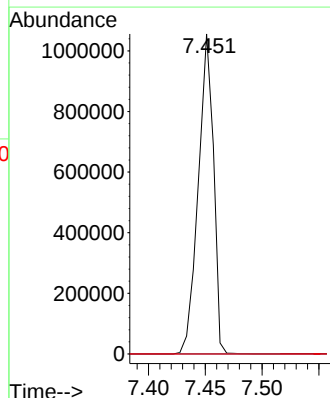
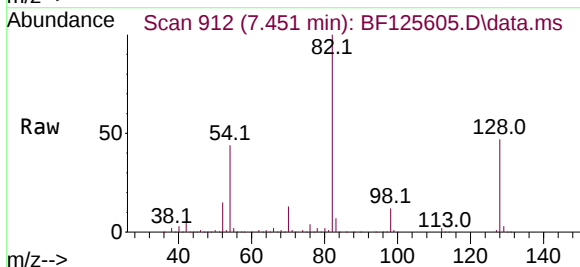
Tgt Ion: 82 Resp: 983288

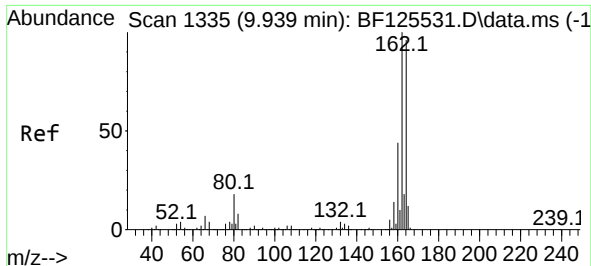
Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

138 0.0 18.4 27.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1334

Delta R.T. -0.006 min

Lab File: BF125605.D

Acq: 23 Sep 2021 22:22

Instrument :

BNA_F

ClientSampleId :

SUP-UST-04-(13-15)

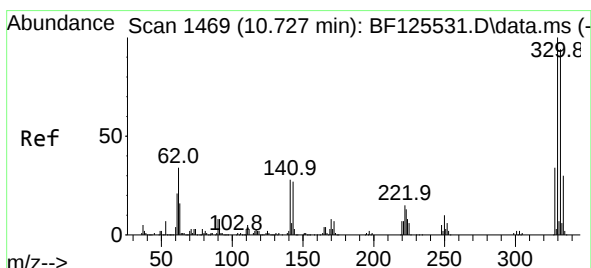
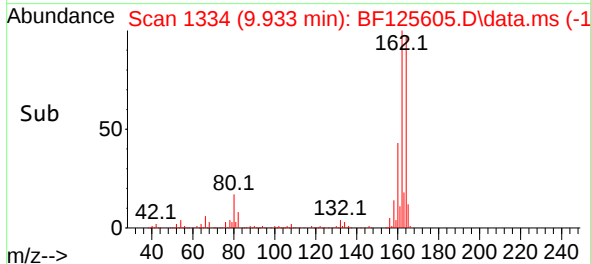
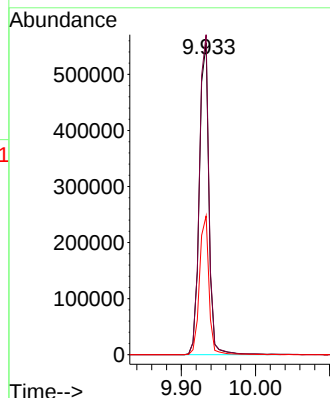
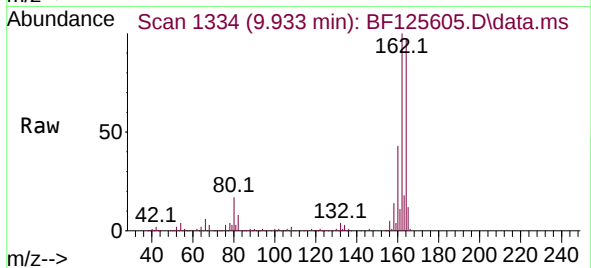
Tgt Ion:164 Resp: 497608

Ion Ratio Lower Upper

164 100

162 102.7 81.3 121.9

160 44.5 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 100.029 ng

RT: 10.716 min Scan# 1467

Delta R.T. -0.012 min

Lab File: BF125605.D

Acq: 23 Sep 2021 22:22

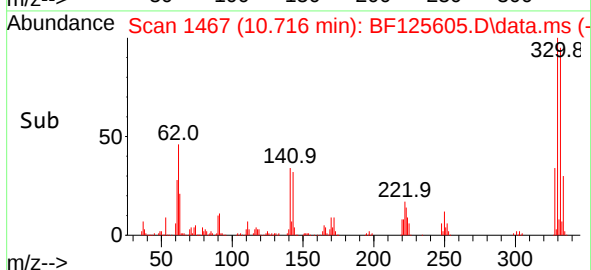
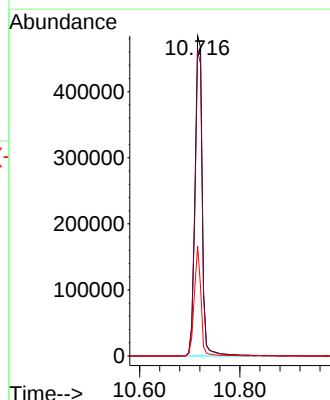
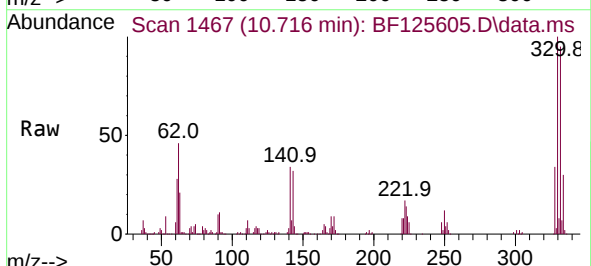
Tgt Ion:330 Resp: 487534

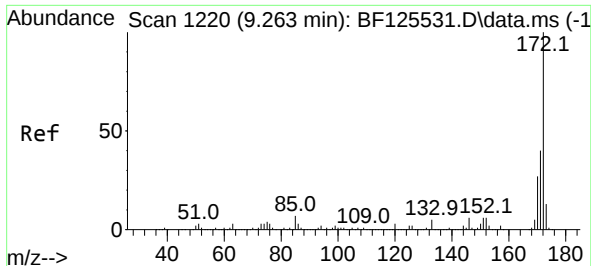
Ion Ratio Lower Upper

330 100

332 95.0 76.2 114.4

141 31.3 44.6 66.8#

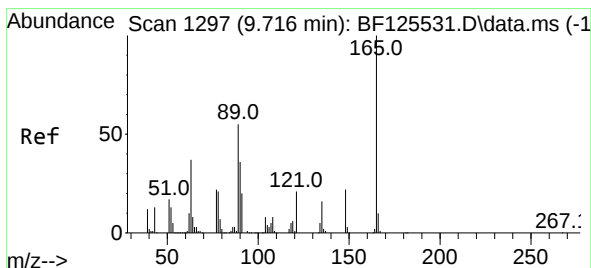
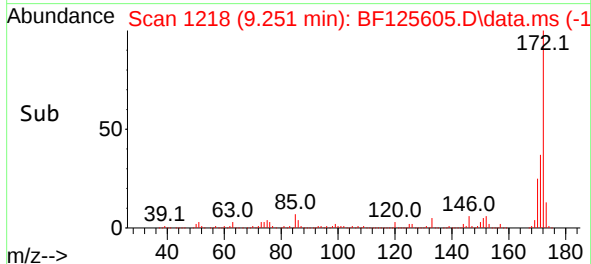
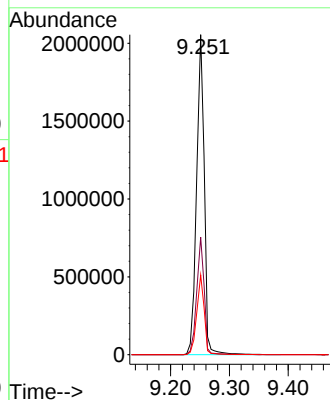
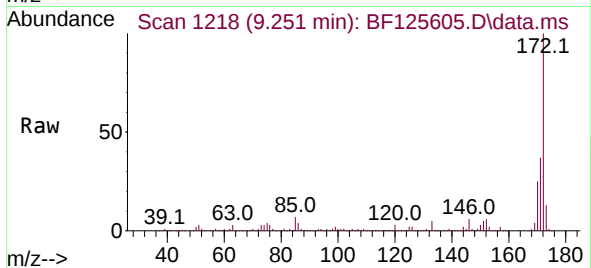




#45
2-Fluorobiphenyl
Concen: 65.794 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF125605.D
Acq: 23 Sep 2021 22:22

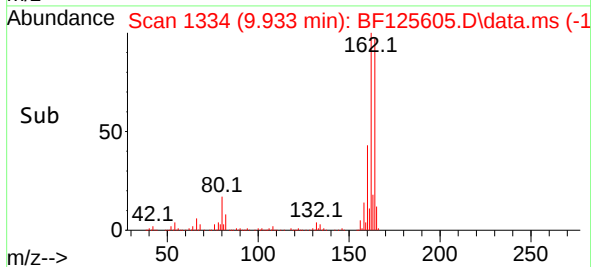
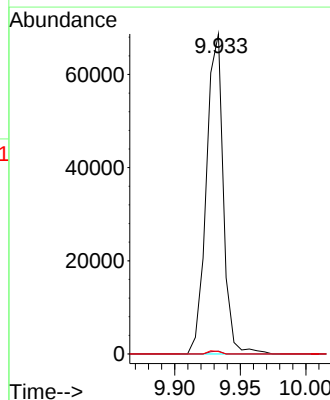
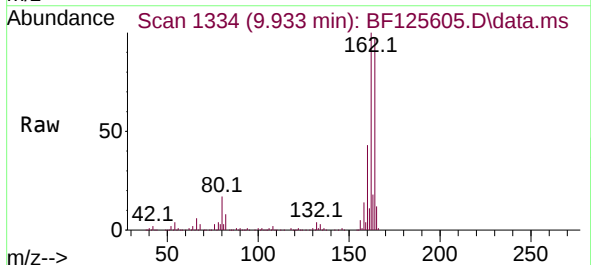
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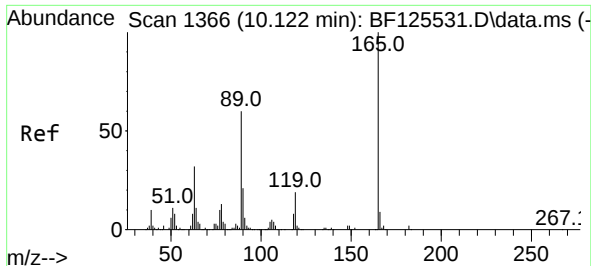
Tgt Ion:172 Resp: 1878619
Ion Ratio Lower Upper
172 100
171 36.8 26.5 39.7
170 24.9 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 9.072 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.218 min
Lab File: BF125605.D
Acq: 23 Sep 2021 22:22

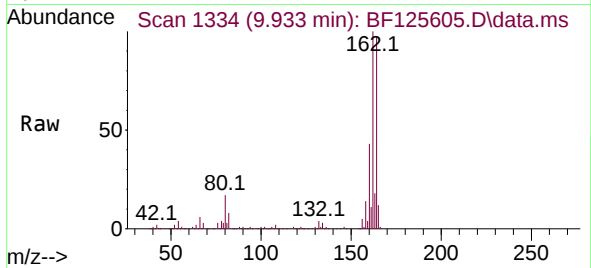
Tgt Ion:165 Resp: 61810
Ion Ratio Lower Upper
165 100
63 0.9 42.6 63.8#
89 0.7 40.6 60.8#



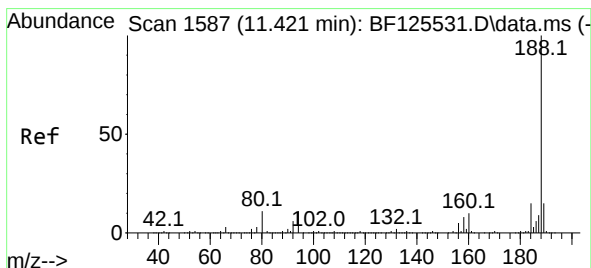
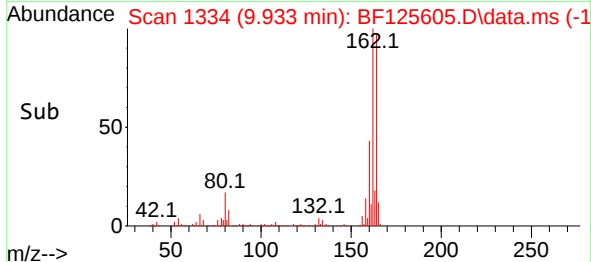
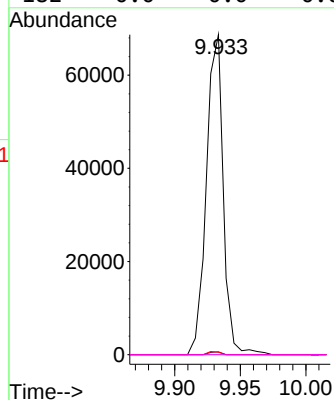


#57
2,4-Dinitrotoluene
Concen: 7.570 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF125605.D
Acq: 23 Sep 2021 22:22

Instrument :
BNA_F
ClientSampleId :
SUP-UST-04-(13-15)

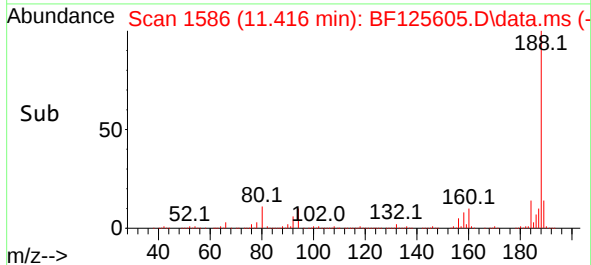
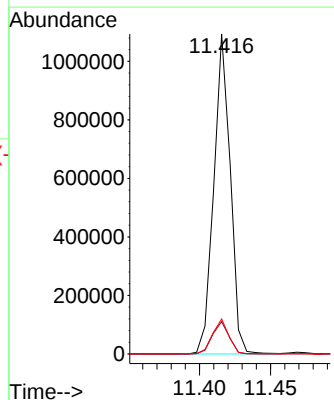
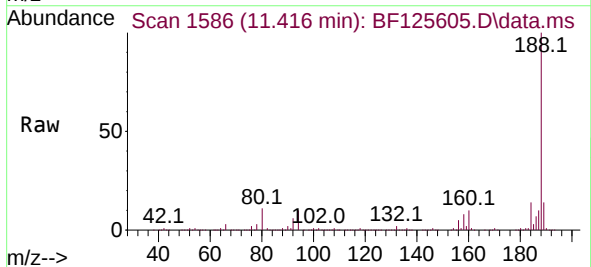


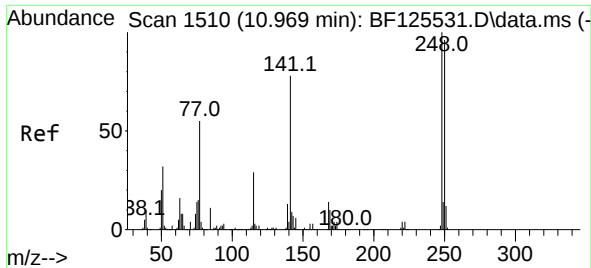
Tgt Ion:165 Resp: 61810
Ion Ratio Lower Upper
165 100
63 0.9 40.9 61.3#
89 0.7 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125605.D
Acq: 23 Sep 2021 22:22

Tgt Ion:188 Resp: 879845
Ion Ratio Lower Upper
188 100
94 10.1 6.7 10.1#
80 11.0 7.5 11.3

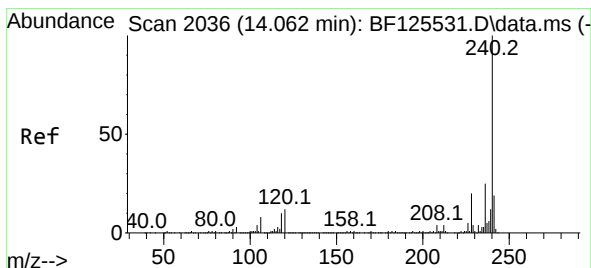
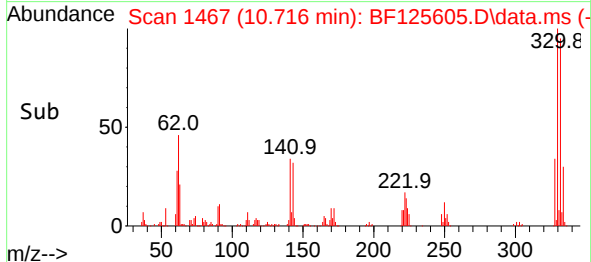
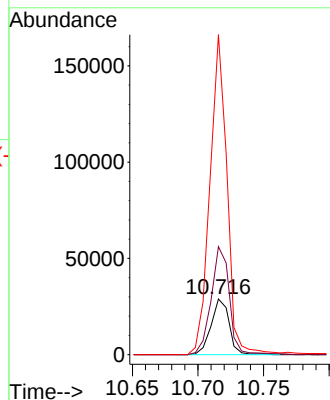
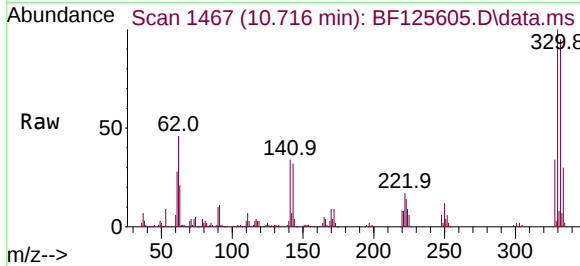




#67
4-Bromophenyl-phenylether
Concen: 2.765 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.253 min
Lab File: BF125605.D
Acq: 23 Sep 2021 22:22

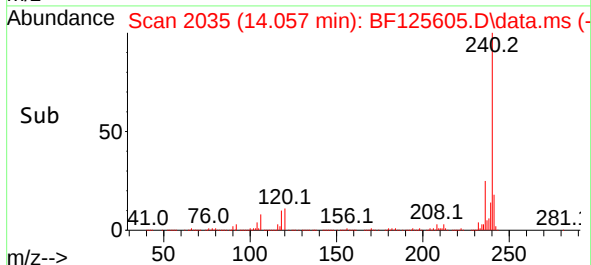
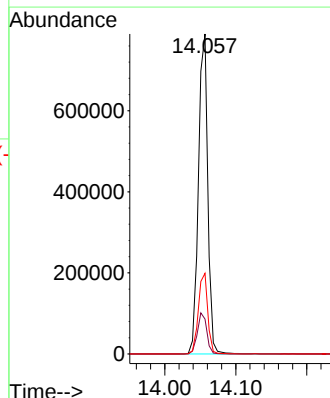
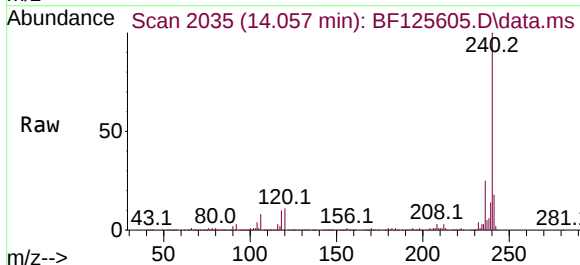
Instrument :
BNA_F
ClientSampleId :
SUP-UST-04-(13-15)

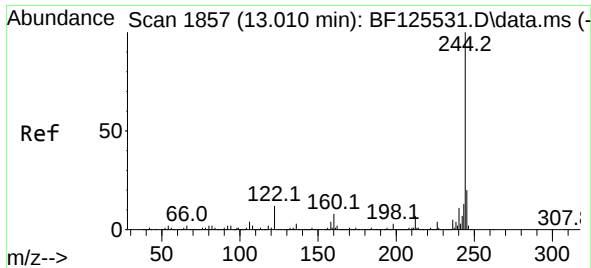
Tgt Ion:248 Resp: 27802
Ion Ratio Lower Upper
248 100
250 193.8 74.2 111.4#
141 573.9 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125605.D
Acq: 23 Sep 2021 22:22

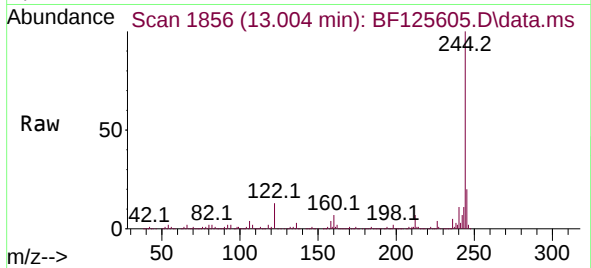
Tgt Ion:240 Resp: 724346
Ion Ratio Lower Upper
240 100
120 10.9 10.8 16.2
236 25.2 21.6 32.4





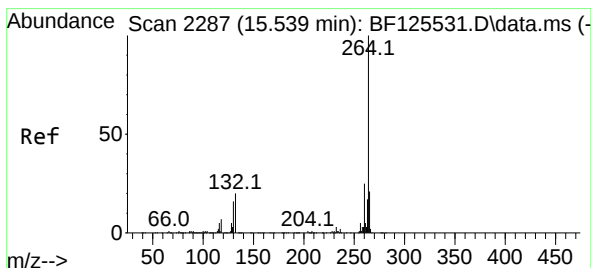
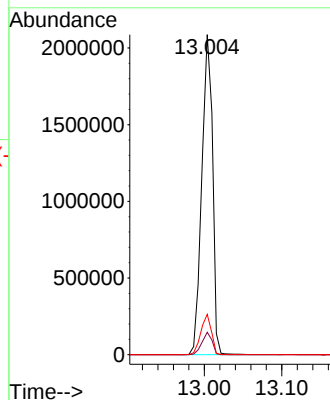
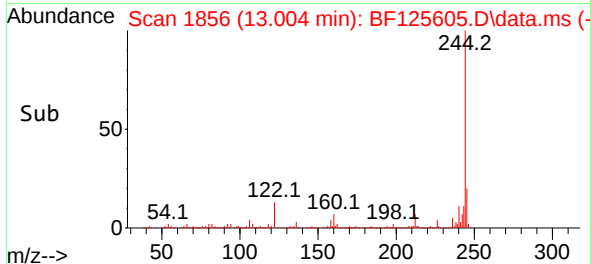
#79
 Terphenyl-d14
 Concen: 44.844 ng
 RT: 13.004 min Scan# 1856
 Delta R.T. -0.006 min
 Lab File: BF125605.D
 Acq: 23 Sep 2021 22:22

Instrument :
 BNA_F
 ClientSampleId :
 SUP-UST-04-(13-15)



Tgt Ion:244 Resp: 2011550

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	12.6	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: BF125605.D
 Acq: 23 Sep 2021 22:22

Tgt Ion:264 Resp: 629512

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	21.2	17.2	25.8

