

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
 Data File : BF125570.D
 Acq On : 22 Sep 2021 21:13
 Operator : JU/CG
 Sample : M3733-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-UST-02-(7-10)

Quant Time: Sep 23 04:49:42 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)

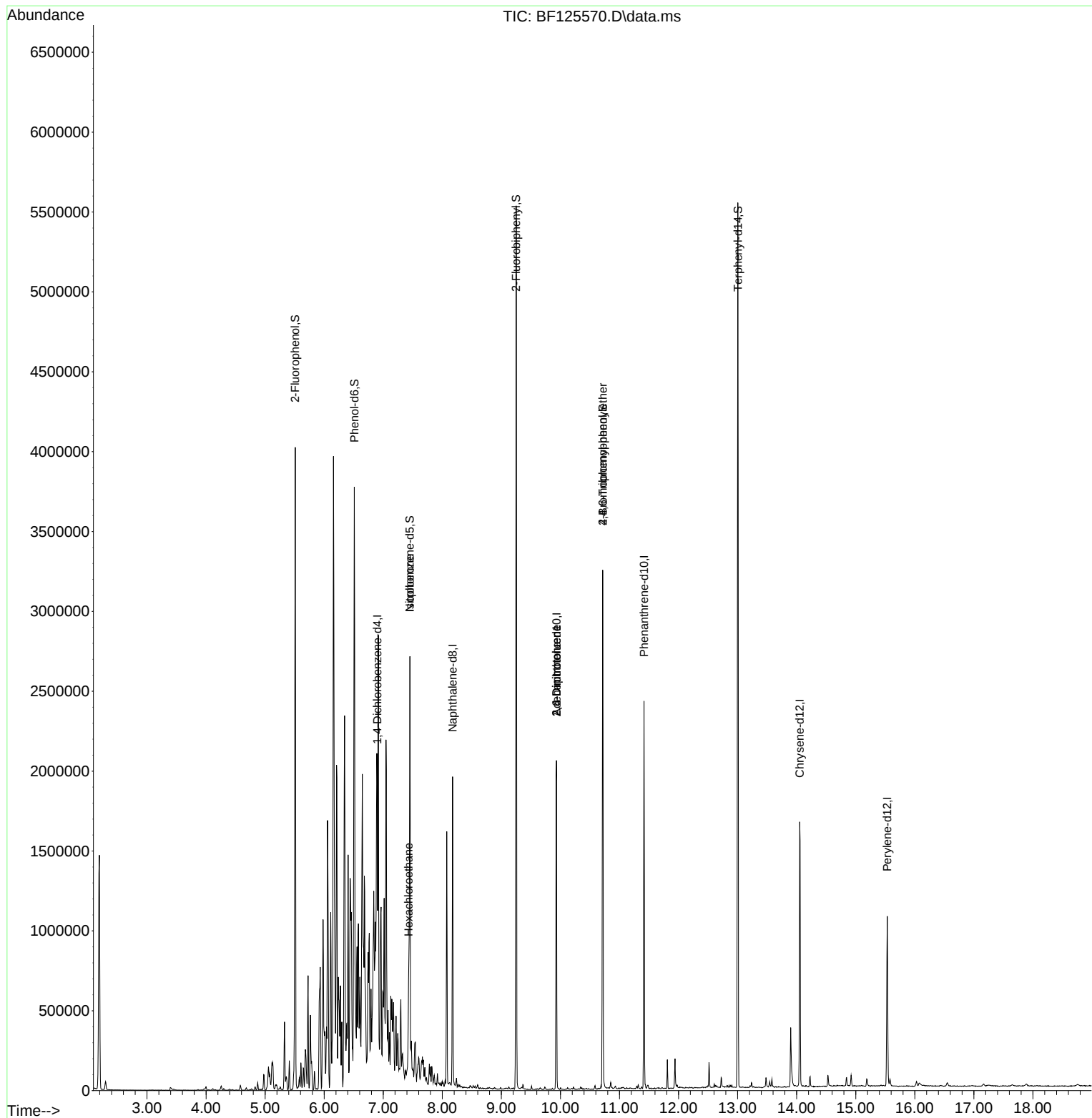
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	194230	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	838762	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	453714	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	809222	20.000	ng	0.00
76) Chrysene-d12	14.051	240	588586	20.000	ng	-0.01
86) Perylene-d12	15.533	264	455235	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1172010	95.421	ng	0.00
7) Phenol-d6	6.510	99	1420846	89.722	ng	-0.01
23) Nitrobenzene-d5	7.451	82	838752	63.781	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	419535	94.405	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	1727805	66.479	ng	-0.01
79) Terphenyl-d14	13.004	244	1935495	53.101	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.439	77	9913	Below Cal	#	3
18) Hexachloroethane	7.428	117	19674	3.626	ng	# 1
25) Isophorone	7.451	82	832489	29.417	ng	# 59
51) 2,6-Dinitrotoluene	9.933	165	55956	9.007	ng	# 28
57) 2,4-Dinitrotoluene	9.933	165	55956	7.516	ng	# 19
67) 4-Bromophenyl-phenylether	10.716	248	24144	2.611	ng	# 1

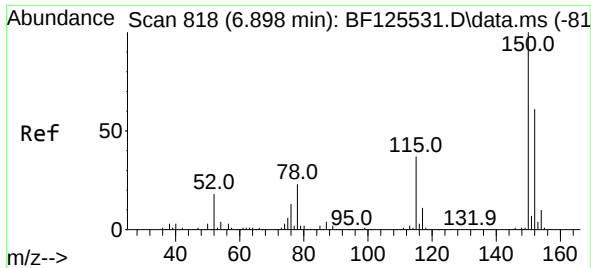
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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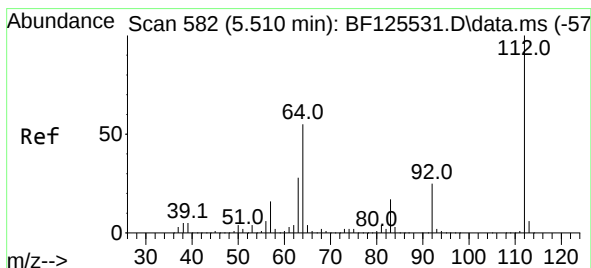
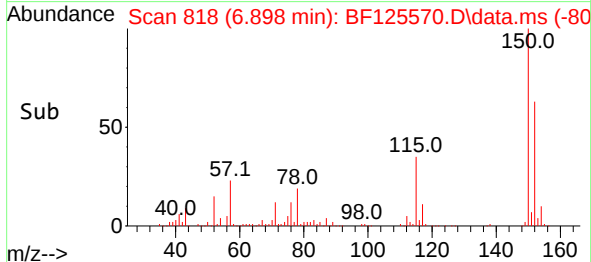
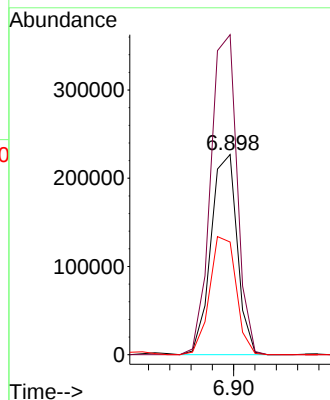
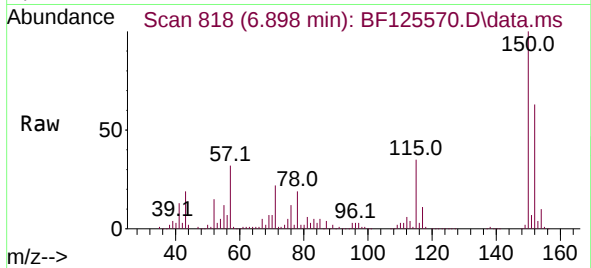




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 818
 Delta R.T. 0.000 min
 Lab File: BF125570.D
 Acq: 22 Sep 2021 21:13

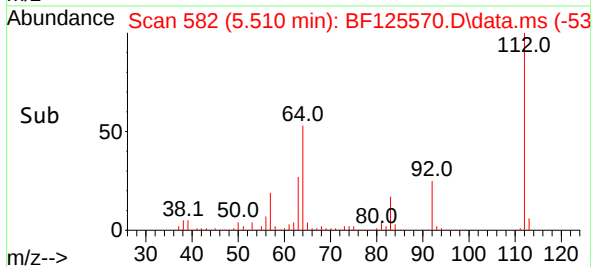
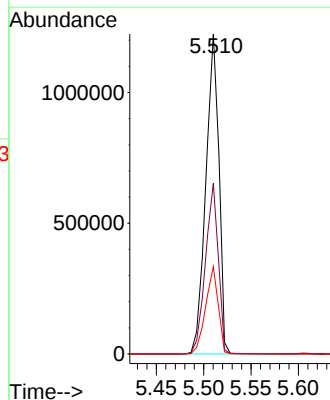
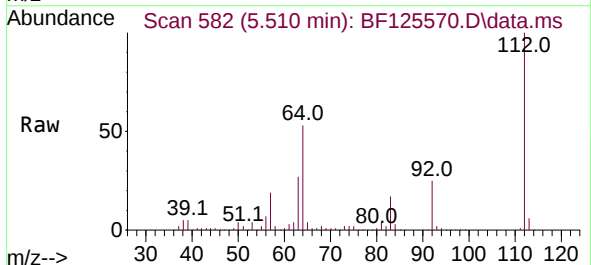
Instrument :
 BNA_F
 ClientSampleId :
 SUP-UST-02-(7-10)

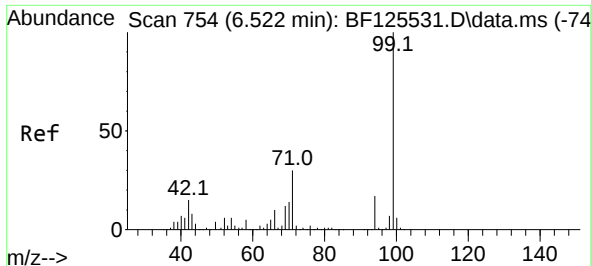
Tgt Ion:152 Resp: 194230
 Ion Ratio Lower Upper
 152 100
 150 159.9 117.6 176.4
 115 56.3 47.1 70.7



#5
 2-Fluorophenol
 Concen: 95.421 ng
 RT: 5.510 min Scan# 582
 Delta R.T. 0.000 min
 Lab File: BF125570.D
 Acq: 22 Sep 2021 21:13

Tgt Ion:112 Resp: 1172010
 Ion Ratio Lower Upper
 112 100
 64 53.4 44.2 66.2
 63 27.3 26.2 39.2

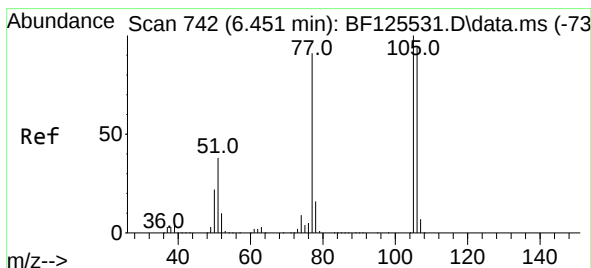
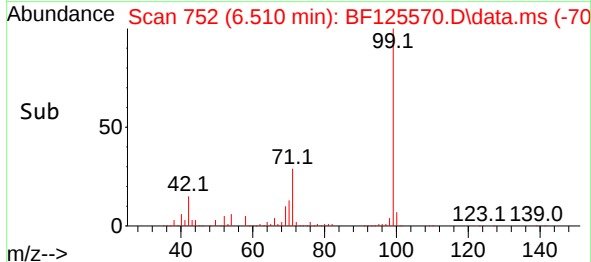
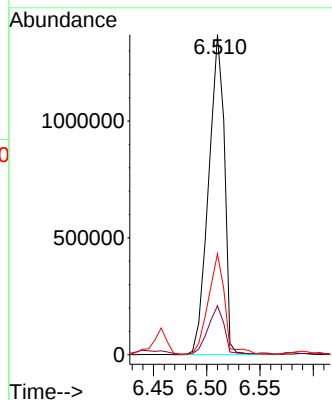
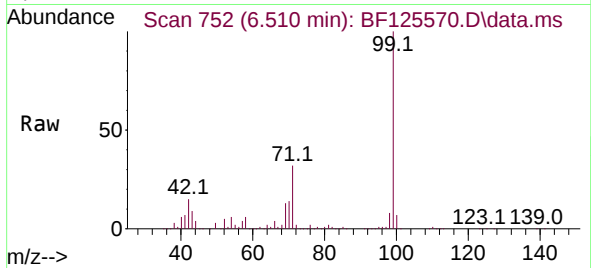




#7
Phenol-d6
Concen: 89.722 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF125570.D
Acq: 22 Sep 2021 21:13

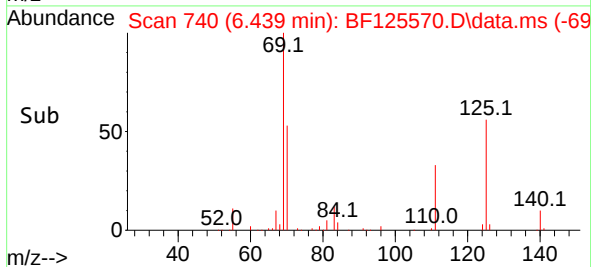
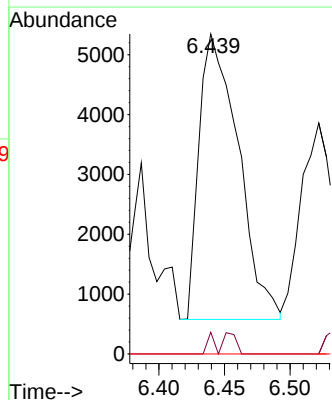
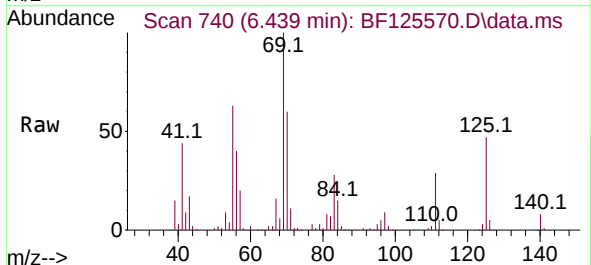
Instrument :
BNA_F
ClientSampleId :
SUP-UST-02-(7-10)

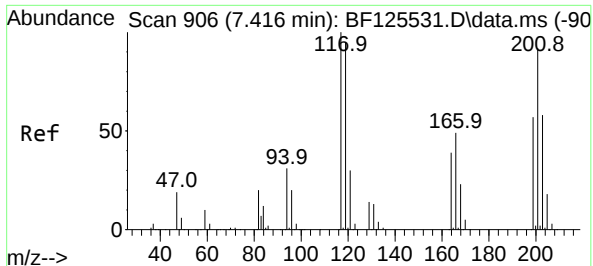
Tgt Ion: 99 Resp: 1420846
Ion Ratio Lower Upper
99 100
42 15.3 23.5 35.3#
71 31.6 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.439 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF125570.D
Acq: 22 Sep 2021 21:13

Tgt Ion: 77 Resp: 9913
Ion Ratio Lower Upper
77 100
105 6.8 75.9 115.9#
106 0.0 84.0 124.0#

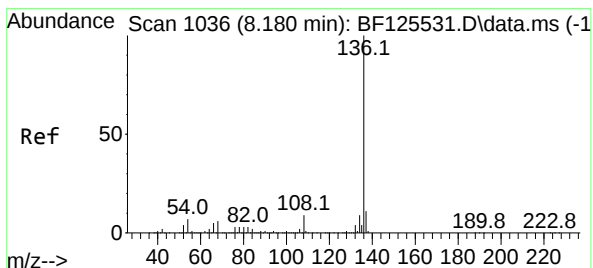
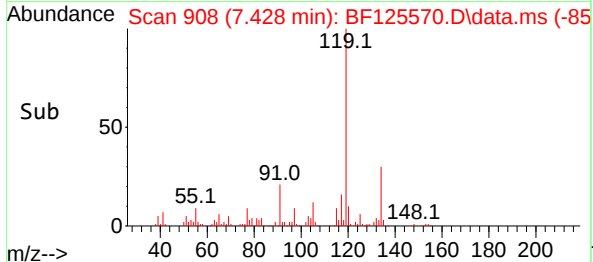
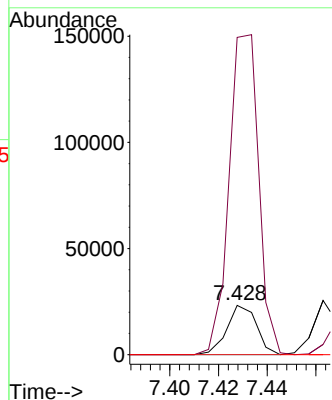
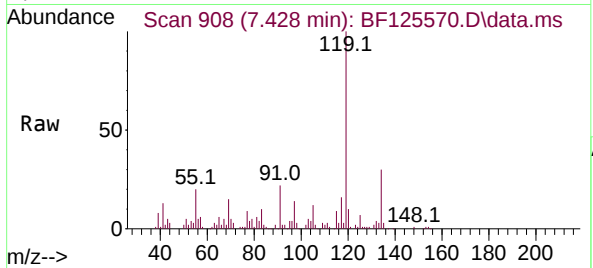




#18
Hexachloroethane
Concen: 3.626 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.012 min
Lab File: BF125570.D
Acq: 22 Sep 2021 21:13

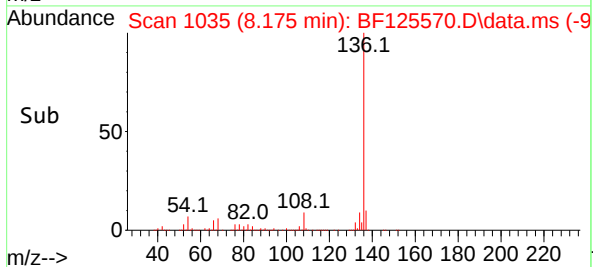
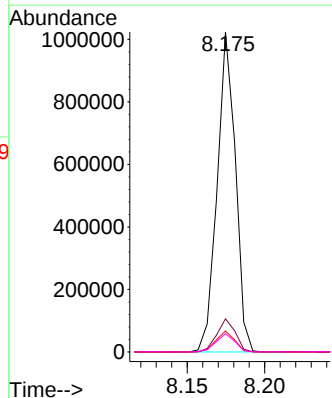
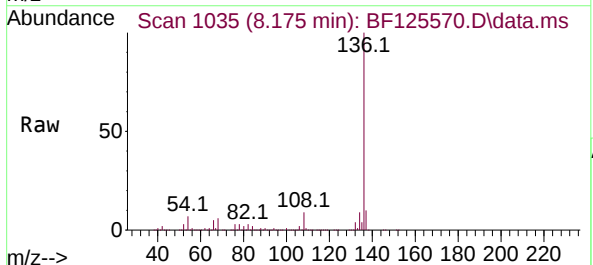
Instrument :
BNA_F
ClientSampleId :
SUP-UST-02-(7-10)

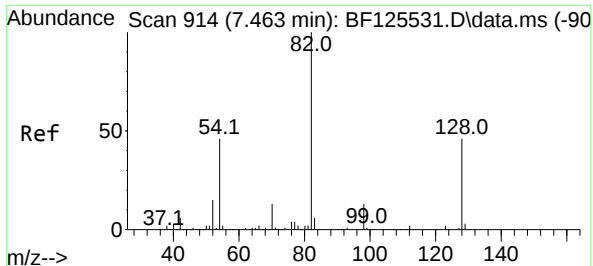
Tgt Ion:117 Resp: 19674
Ion Ratio Lower Upper
117 100
119 643.3 73.4 110.2#
201 0.0 64.9 97.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF125570.D
Acq: 22 Sep 2021 21:13

Tgt Ion:136 Resp: 838762
Ion Ratio Lower Upper
136 100
137 10.3 9.8 14.6
54 6.6 6.4 9.6
68 5.7 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 63.781 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.012 min

Lab File: BF125570.D

Acq: 22 Sep 2021 21:13

Tgt Ion: 82 Resp: 838752

Ion Ratio Lower Upper

82 100

128 46.7 40.6 60.8

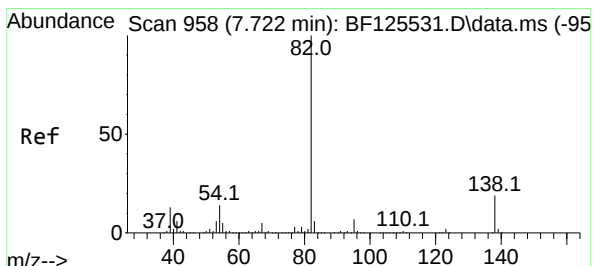
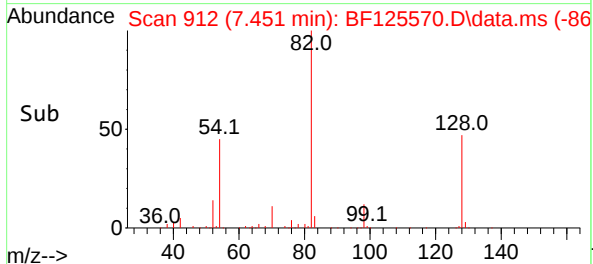
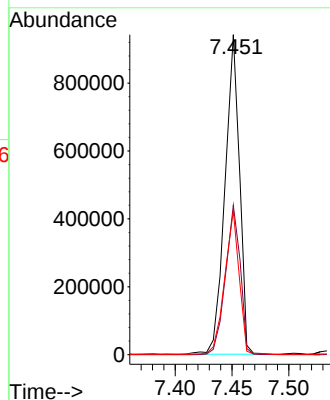
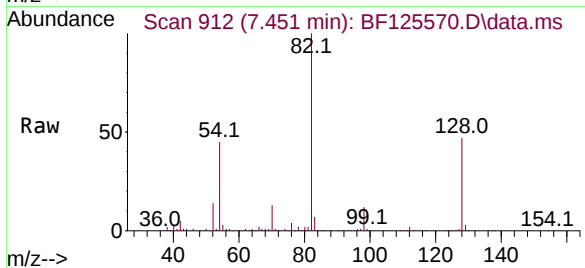
54 45.0 49.6 74.4#

Instrument :

BNA_F

ClientSampleId :

SUP-UST-02-(7-10)



#25

Isophorone

Concen: 29.417 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.270 min

Lab File: BF125570.D

Acq: 22 Sep 2021 21:13

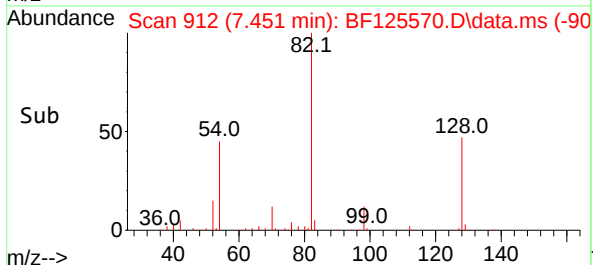
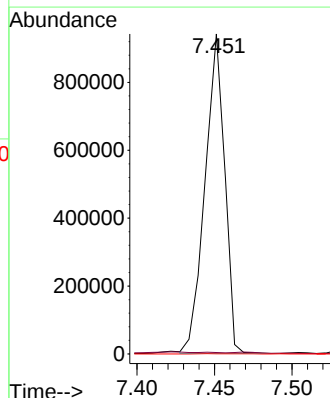
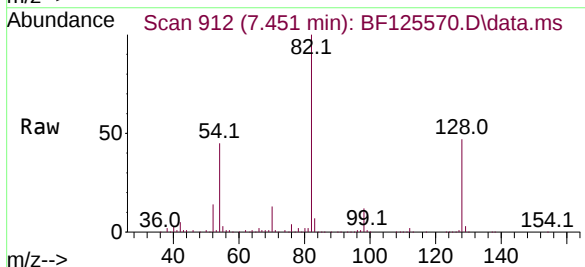
Tgt Ion: 82 Resp: 832489

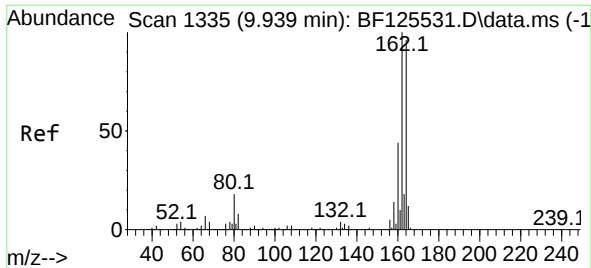
Ion Ratio Lower Upper

82 100

95 0.4 6.5 9.7#

138 0.1 18.4 27.6#

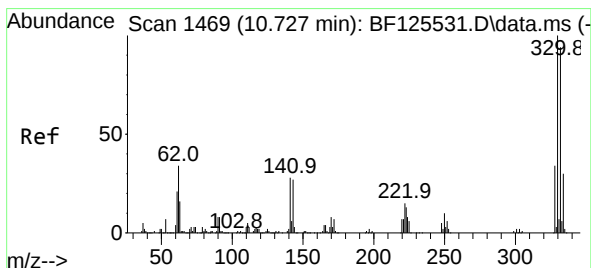
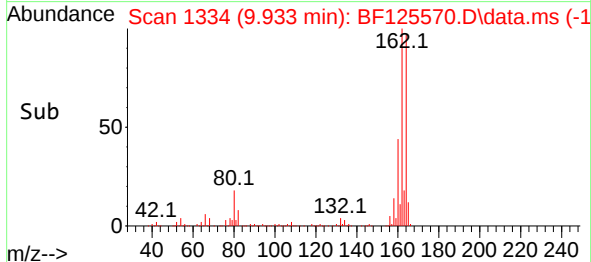
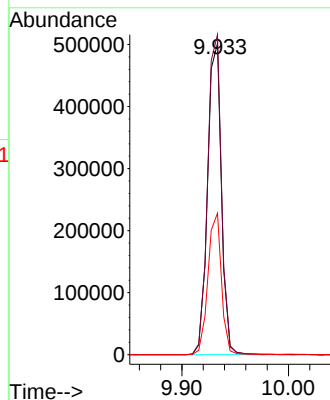
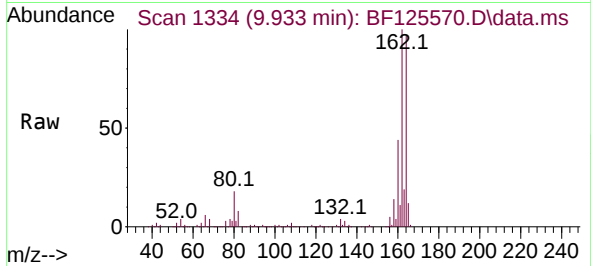




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF125570.D
Acq: 22 Sep 2021 21:13

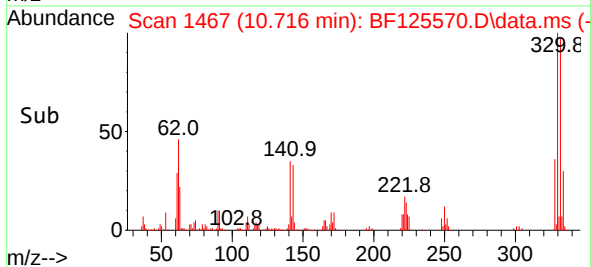
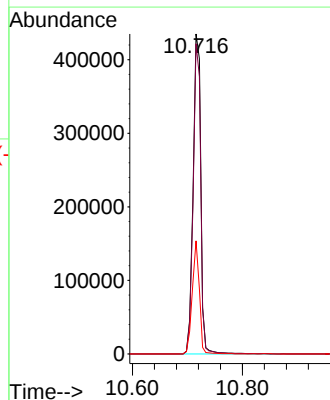
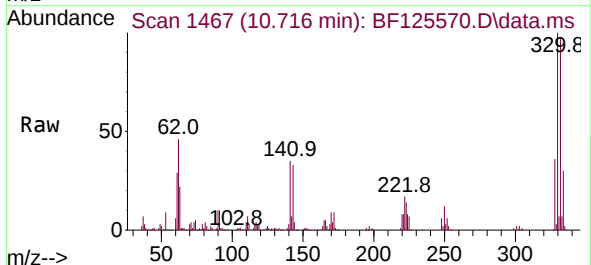
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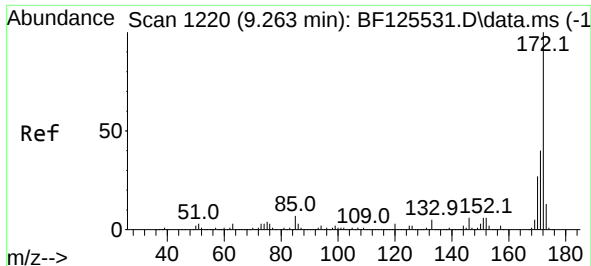
Tgt Ion:164 Resp: 453714
Ion Ratio Lower Upper
164 100
162 102.8 81.3 121.9
160 45.4 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 94.405 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.012 min
Lab File: BF125570.D
Acq: 22 Sep 2021 21:13

Tgt Ion:330 Resp: 419535
Ion Ratio Lower Upper
330 100
332 95.1 76.2 114.4
141 32.7 44.6 66.8#

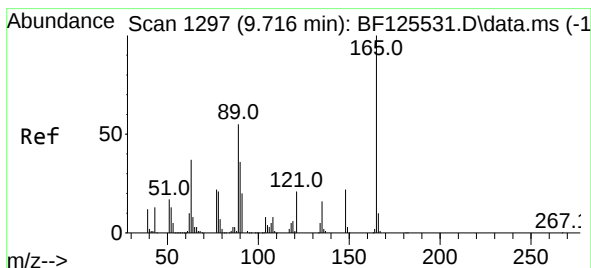
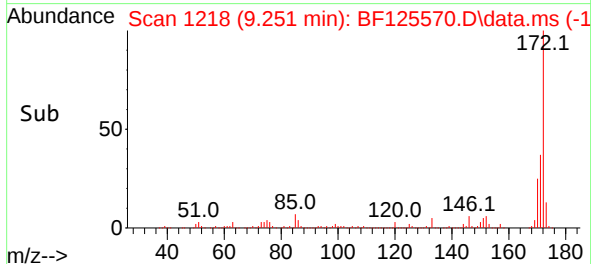
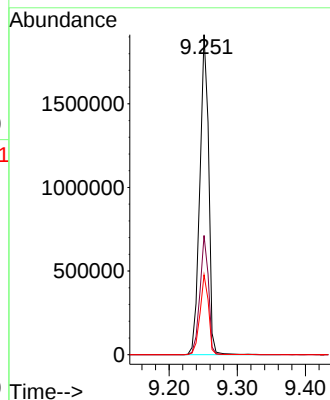
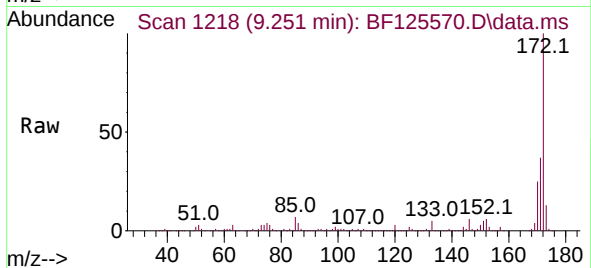




#45
2-Fluorobiphenyl
Concen: 66.479 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF125570.D
Acq: 22 Sep 2021 21:13

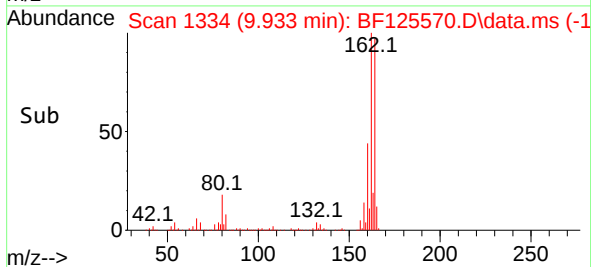
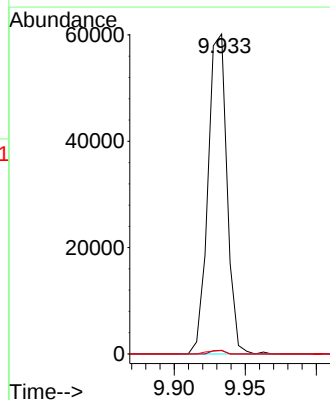
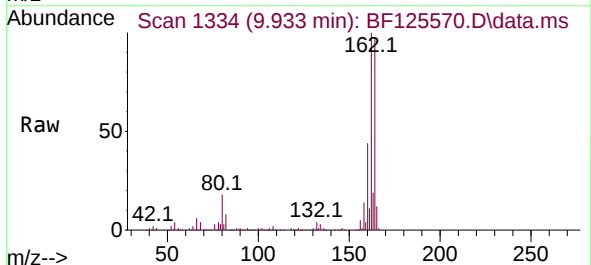
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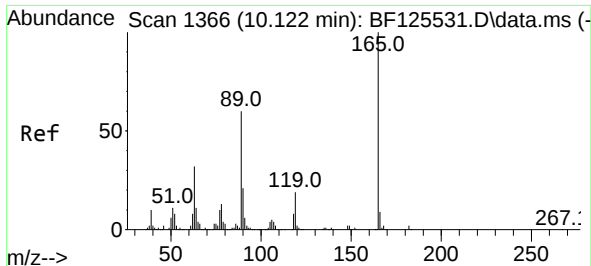
Tgt Ion:172 Resp: 1727805
Ion Ratio Lower Upper
172 100
171 37.2 26.5 39.7
170 24.9 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 9.007 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.218 min
Lab File: BF125570.D
Acq: 22 Sep 2021 21:13

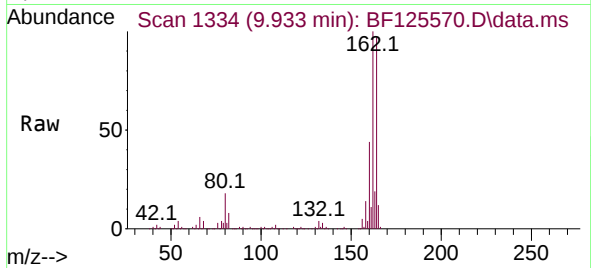
Tgt Ion:165 Resp: 55956
Ion Ratio Lower Upper
165 100
63 1.2 42.6 63.8#
89 1.1 40.6 60.8#



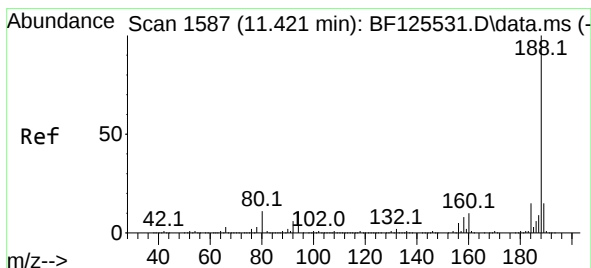
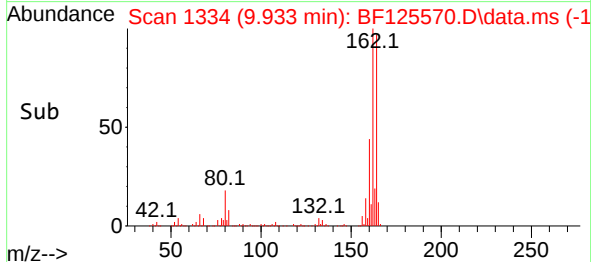
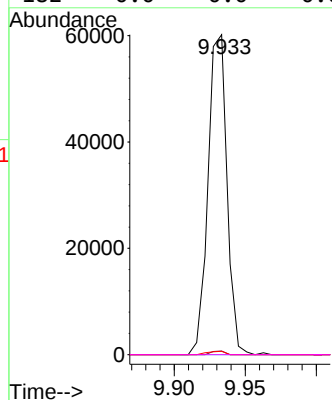


#57
2,4-Dinitrotoluene
Concen: 7.516 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF125570.D
Acq: 22 Sep 2021 21:13

Instrument :
BNA_F
ClientSampleId :
SUP-UST-02-(7-10)

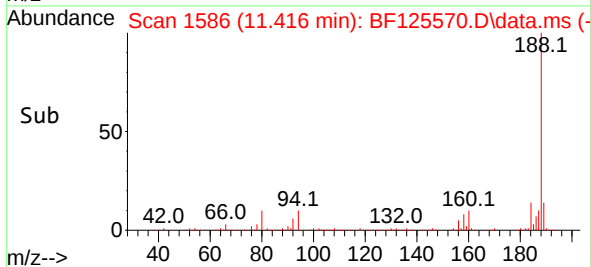
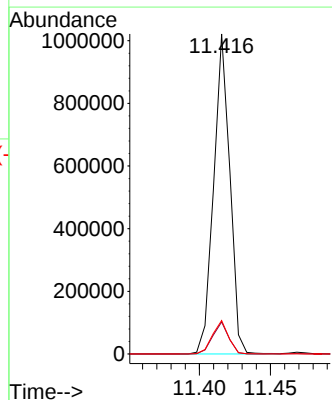
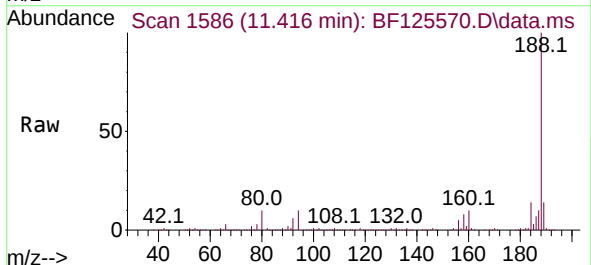


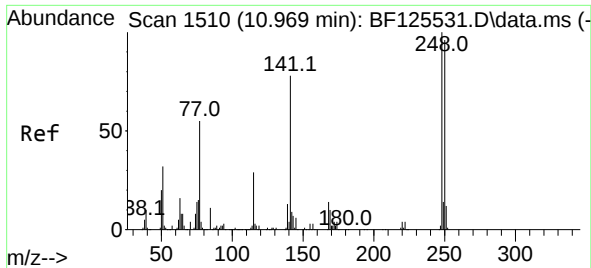
Tgt Ion:165 Resp: 55956
Ion Ratio Lower Upper
165 100
63 1.2 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125570.D
Acq: 22 Sep 2021 21:13

Tgt Ion:188 Resp: 809222
Ion Ratio Lower Upper
188 100
94 10.0 6.7 10.1
80 10.4 7.5 11.3

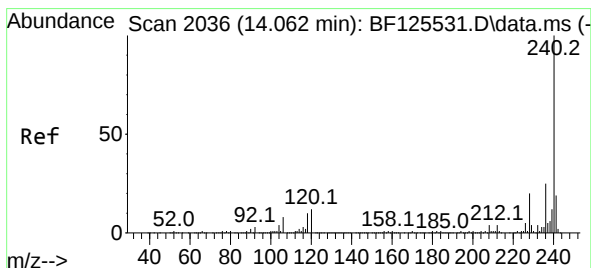
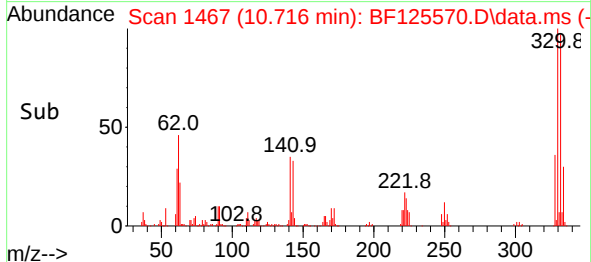
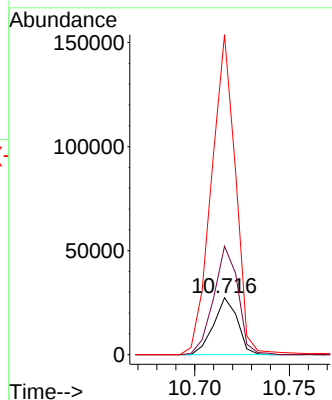
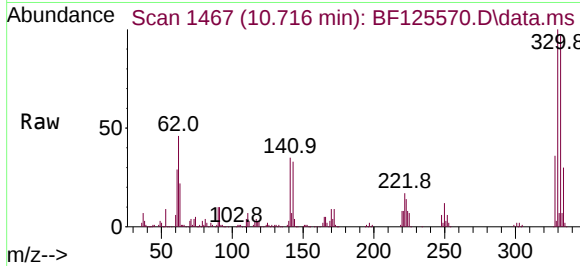




#67
4-Bromophenyl-phenylether
Concen: 2.611 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.253 min
Lab File: BF125570.D
Acq: 22 Sep 2021 21:13

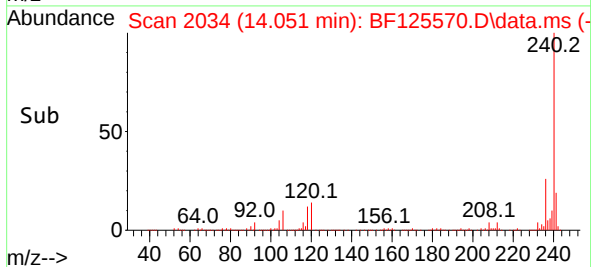
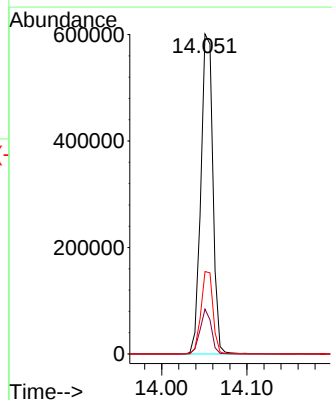
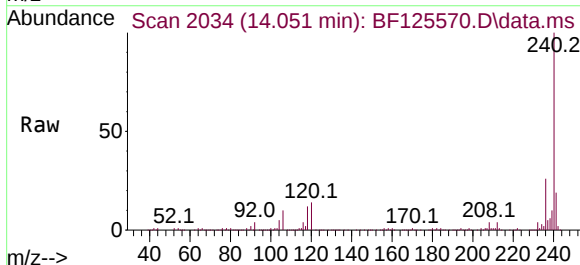
Instrument :
BNA_F
ClientSampleId :
SUP-UST-02-(7-10)

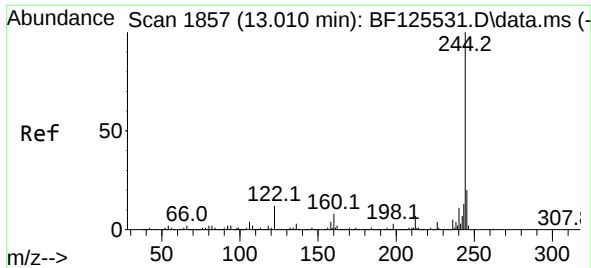
Tgt Ion:248 Resp: 24144
Ion Ratio Lower Upper
248 100
250 190.4 74.2 111.4#
141 561.1 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF125570.D
Acq: 22 Sep 2021 21:13

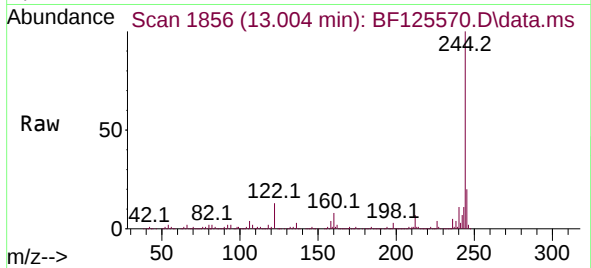
Tgt Ion:240 Resp: 588586
Ion Ratio Lower Upper
240 100
120 14.0 10.8 16.2
236 25.8 21.6 32.4



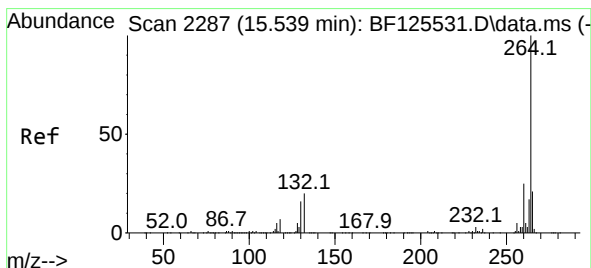
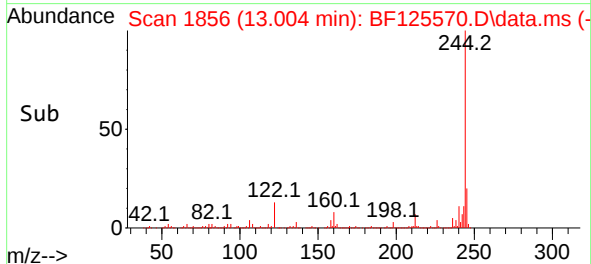
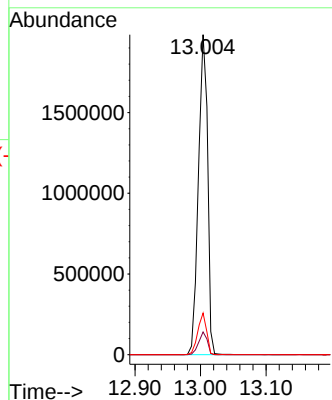


#79
Terphenyl-d14
Concen: 53.101 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF125570.D
Acq: 22 Sep 2021 21:13

Instrument :
BNA_F
ClientSampleId :
SUP-UST-02-(7-10)



Tgt Ion:244 Resp: 1935495
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 13.0 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: BF125570.D
Acq: 22 Sep 2021 21:13

Tgt Ion:264 Resp: 455235
Ion Ratio Lower Upper
264 100
260 24.8 19.6 29.4
265 20.6 17.2 25.8

