

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
 Data File : BF125565.D
 Acq On : 22 Sep 2021 18:28
 Operator : JU/CG
 Sample : M3733-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-UST-01-(5-7)

Quant Time: Sep 23 04:48:24 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)

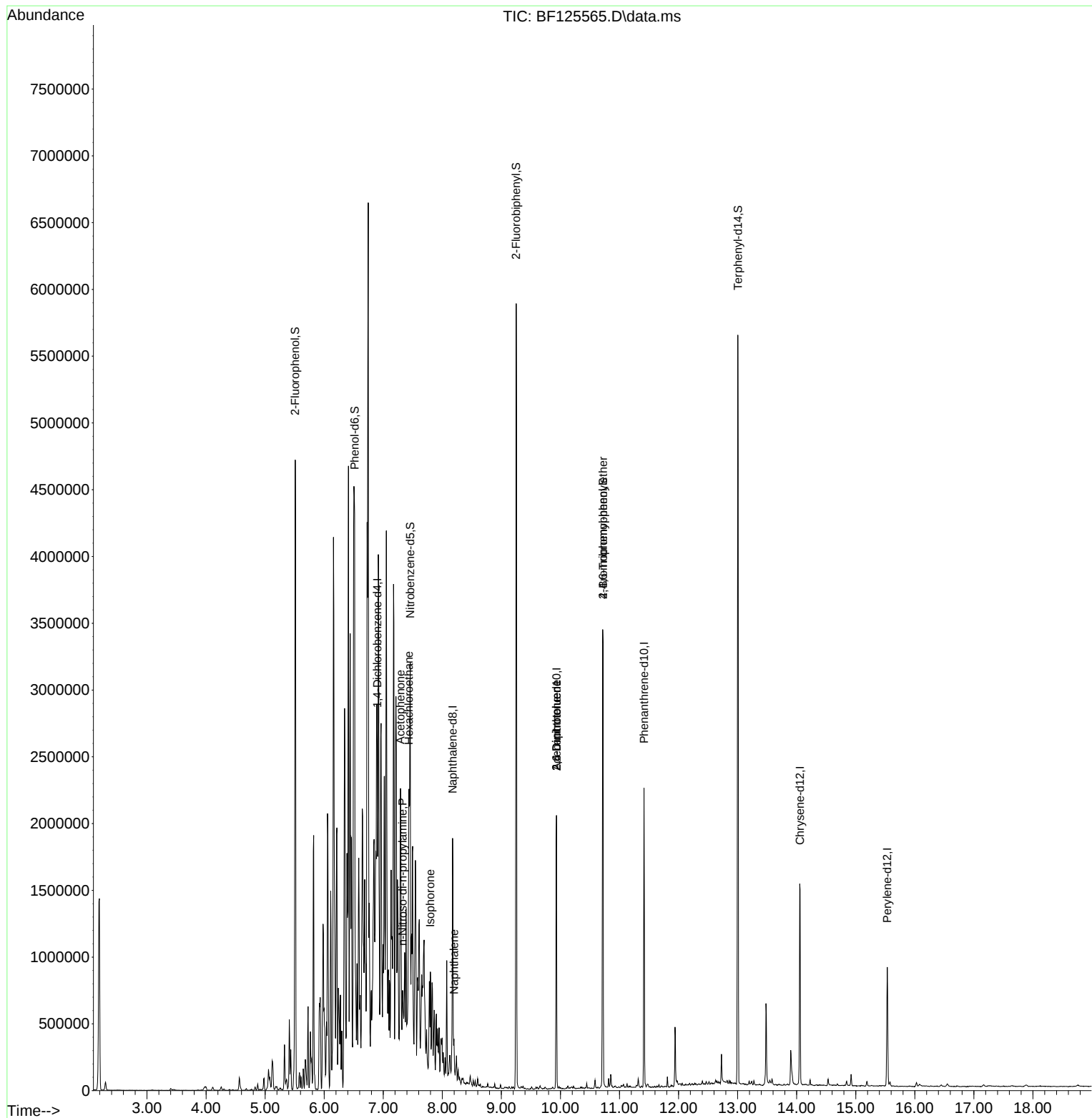
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	184814	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	807270	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	436294	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	768328	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	531151	20.000	ng	0.00
86) Perylene-d12	15.533	264	389191	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1322850	113.189	ng	0.00
7) Phenol-d6	6.516	99	1599488	106.148	ng	0.00
23) Nitrobenzene-d5	7.457	82	1008264	79.662	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	481461	112.666	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1936725	79.652	ng	-0.01
79) Terphenyl-d14	13.004	244	2009965	61.107	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.457	77	20763	Below Cal	#	1
18) Hexachloroethane	7.434	117	49142	9.519 ng	#	1
19) n-Nitroso-di-n-propyla...	7.328	70	28452	3.155 ng	#	45
22) Acetophenone	7.292	105	327133	17.514 ng	#	51
25) Isophorone	7.798	82	94793	3.480 ng	#	65
31) Naphthalene	8.198	128	85270	2.057 ng	#	99
51) 2,6-Dinitrotoluene	9.933	165	55585	9.305 ng	#	27
57) 2,4-Dinitrotoluene	9.933	165	55585	7.764 ng	#	19
67) 4-Bromophenyl-phenylether	10.722	248	25994	2.960 ng	#	1

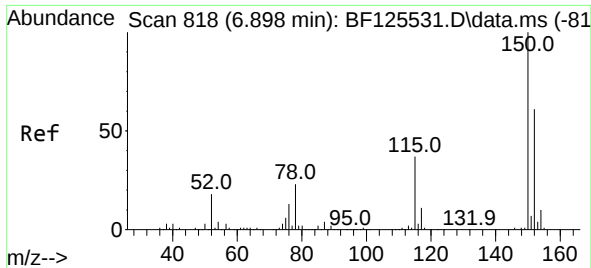
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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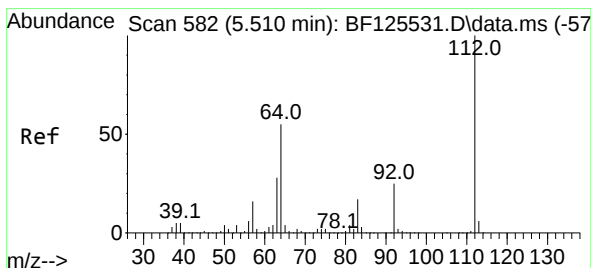
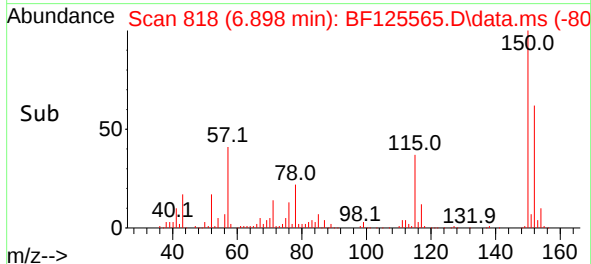
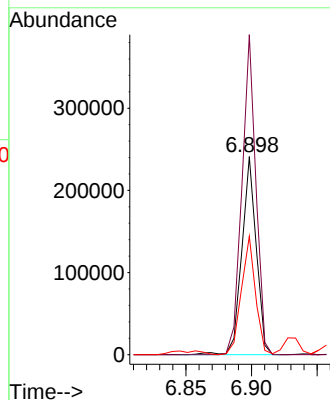
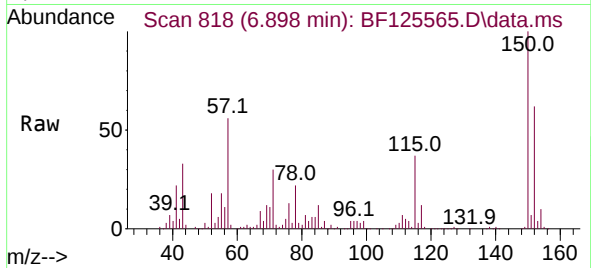




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 818
 Delta R.T. 0.000 min
 Lab File: BF125565.D
 Acq: 22 Sep 2021 18:28

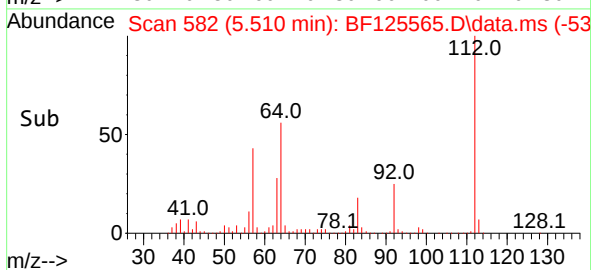
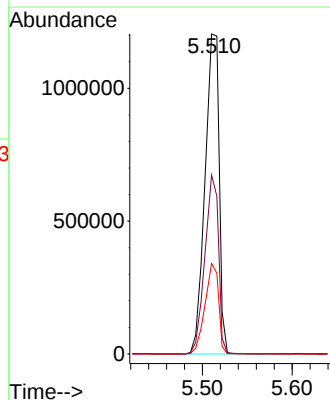
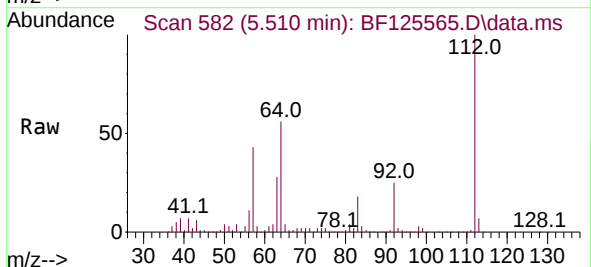
Instrument :
 BNA_F
 ClientSampleId :
 SUP-UST-01-(5-7)

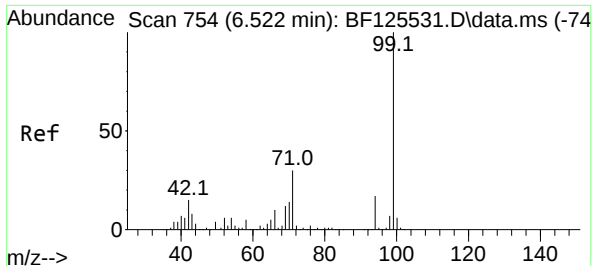
Tgt Ion:152 Resp: 184814
 Ion Ratio Lower Upper
 152 100
 150 161.6 117.6 176.4
 115 59.8 47.1 70.7



#5
 2-Fluorophenol
 Concen: 113.189 ng
 RT: 5.510 min Scan# 582
 Delta R.T. 0.000 min
 Lab File: BF125565.D
 Acq: 22 Sep 2021 18:28

Tgt Ion:112 Resp: 1322850
 Ion Ratio Lower Upper
 112 100
 64 56.0 44.2 66.2
 63 28.3 26.2 39.2

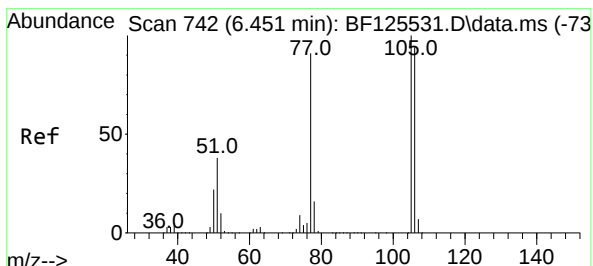
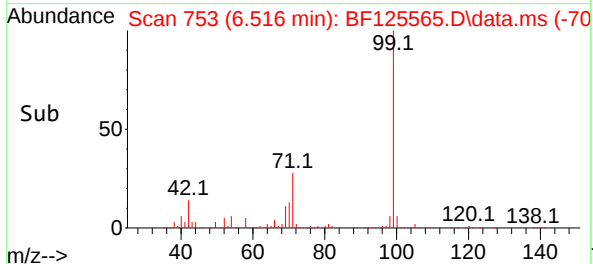
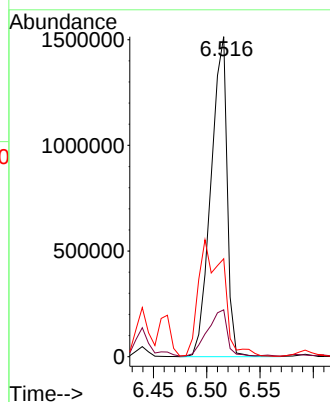
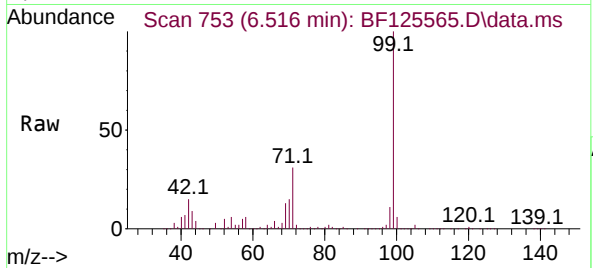




#7
Phenol-d6
Concen: 106.148 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF125565.D
Acq: 22 Sep 2021 18:28

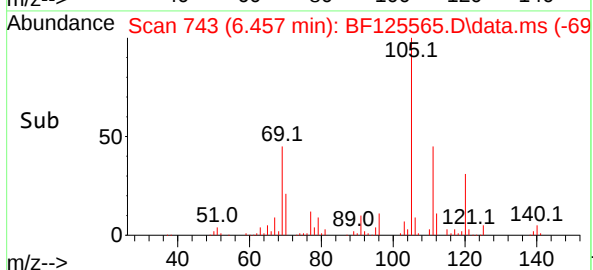
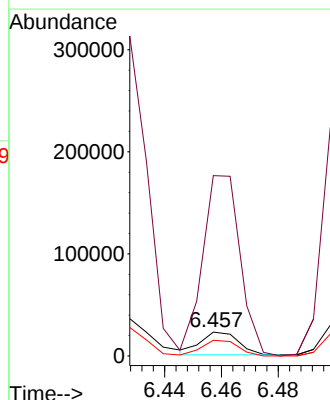
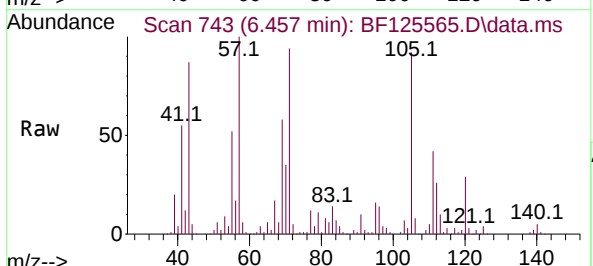
Instrument :
BNA_F
ClientSampleId :
SUP-UST-01-(5-7)

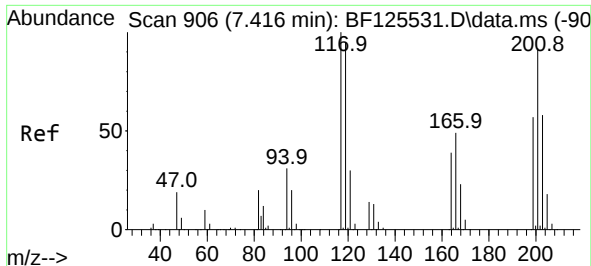
Tgt Ion: 99 Resp: 1599488
Ion Ratio Lower Upper
99 100
42 14.6 23.5 35.3#
71 30.6 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.457 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF125565.D
Acq: 22 Sep 2021 18:28

Tgt Ion: 77 Resp: 20763
Ion Ratio Lower Upper
77 100
105 754.9 75.9 115.9#
106 65.6 84.0 124.0#

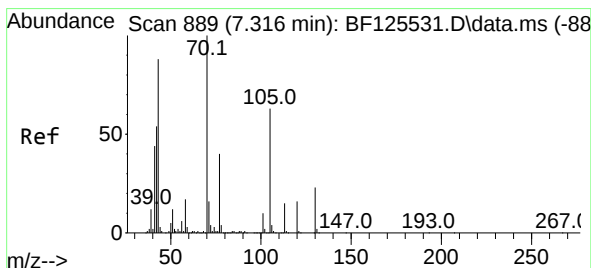
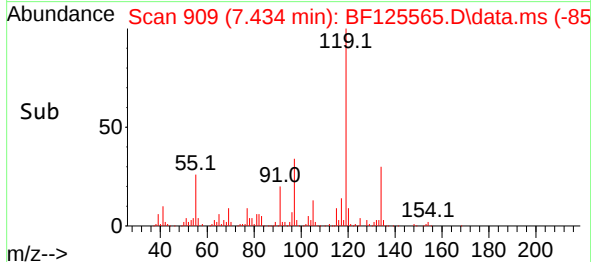
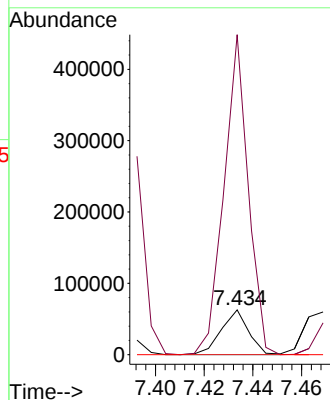
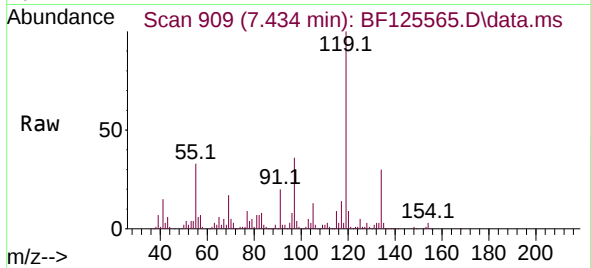




#18
Hexachloroethane
Concen: 9.519 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.018 min
Lab File: BF125565.D
Acq: 22 Sep 2021 18:28

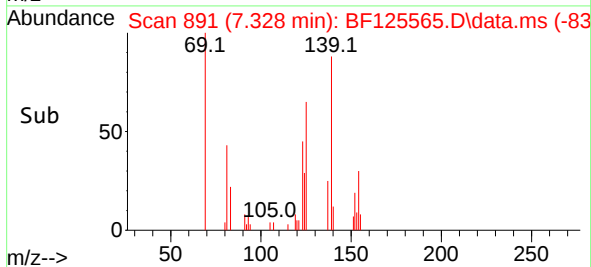
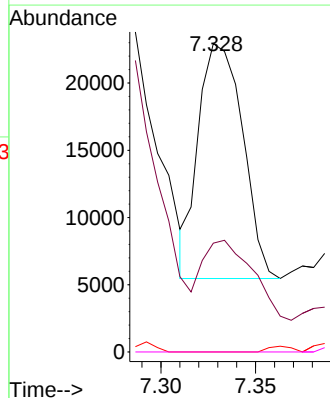
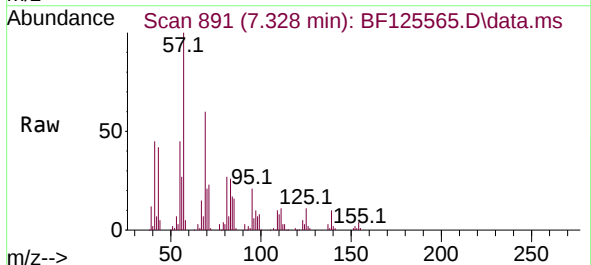
Instrument :
BNA_F
ClientSampleId :
SUP-UST-01-(5-7)

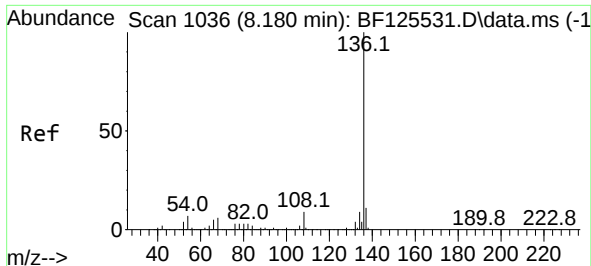
Tgt Ion:117 Resp: 49142
Ion Ratio Lower Upper
117 100
119 713.2 73.4 110.2#
201 0.0 64.9 97.3#



#19
n-Nitroso-di-n-propylamine
Concen: 3.155 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.012 min
Lab File: BF125565.D
Acq: 22 Sep 2021 18:28

Tgt Ion: 70 Resp: 28452
Ion Ratio Lower Upper
70 100
42 35.3 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

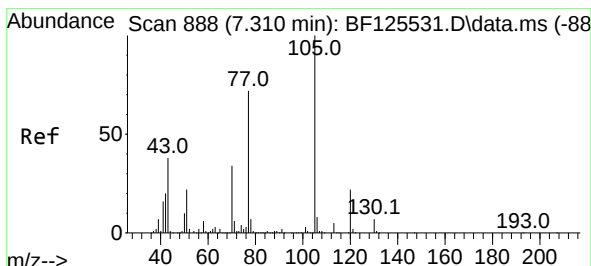
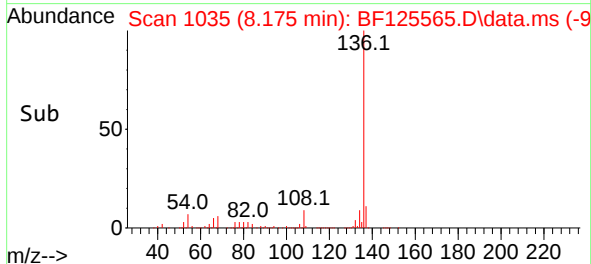
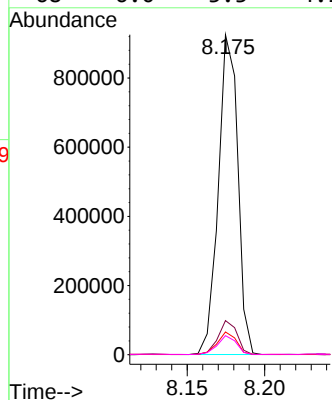
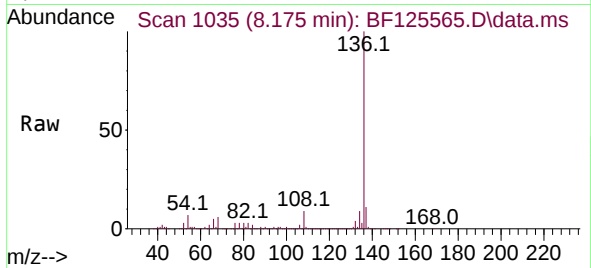




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF125565.D
Acq: 22 Sep 2021 18:28

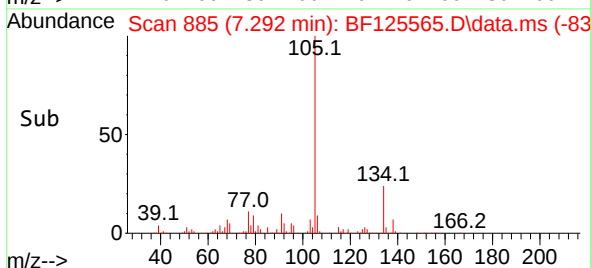
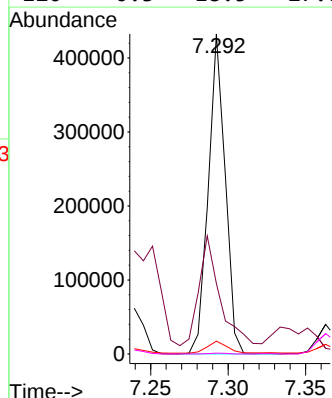
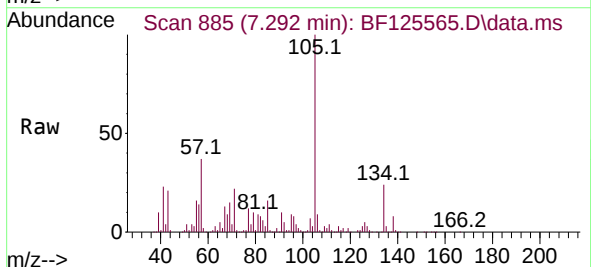
Instrument :
BNA_F
ClientSampleId :
SUP-UST-01-(5-7)

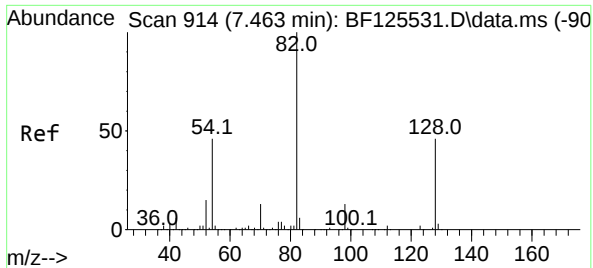
Tgt Ion:136	Resp: 807270
Ion Ratio	Lower Upper
136 100	
137 10.7	9.8 14.6
54 7.1	6.4 9.6
68 6.0	3.3 4.9#



#22
Acetophenone
Concen: 17.514 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.018 min
Lab File: BF125565.D
Acq: 22 Sep 2021 18:28

Tgt Ion:105	Resp: 327133
Ion Ratio	Lower Upper
105 100	
71 22.1	5.5 8.3#
51 4.0	26.0 39.0#
120 0.3	18.5 27.7#

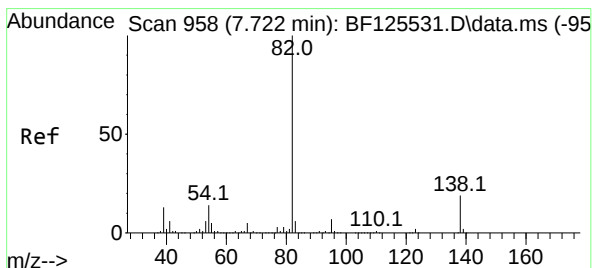
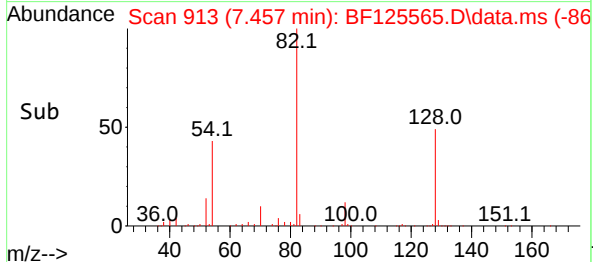
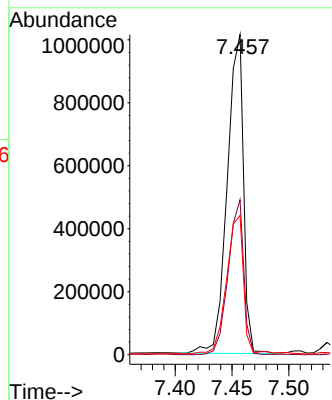
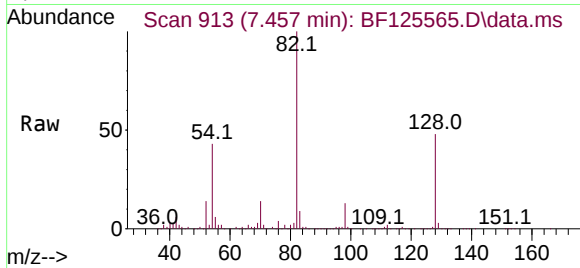




#23
Nitrobenzene-d5
Concen: 79.662 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF125565.D
Acq: 22 Sep 2021 18:28

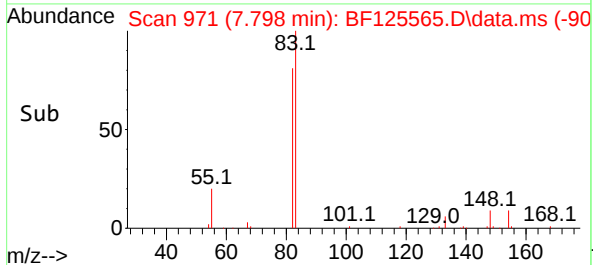
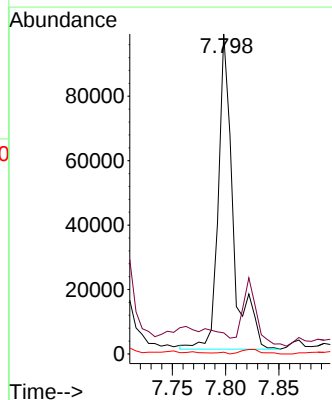
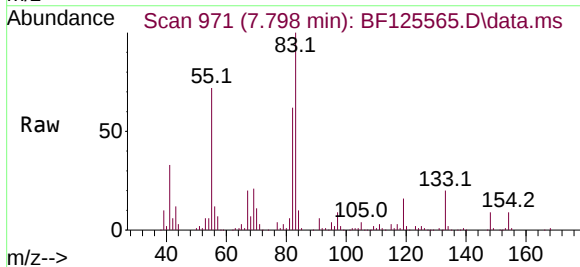
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SUP-UST-01-(5-7)

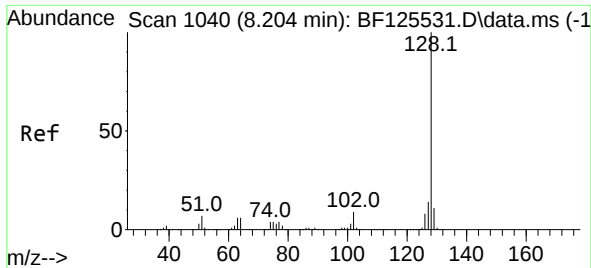
Tgt Ion: 82 Resp: 1008264
Ion Ratio Lower Upper
82 100
128 48.4 40.6 60.8
54 43.5 49.6 74.4#



#25
Isophorone
Concen: 3.480 ng
RT: 7.798 min Scan# 971
Delta R.T. 0.077 min
Lab File: BF125565.D
Acq: 22 Sep 2021 18:28

Tgt Ion: 82 Resp: 94793
Ion Ratio Lower Upper
82 100
95 6.6 6.5 9.7
138 0.6 18.4 27.6#

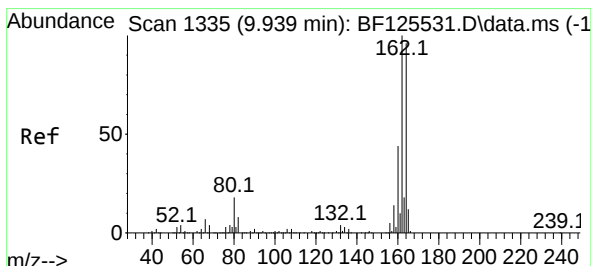
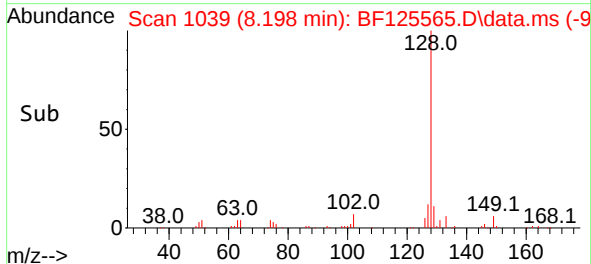
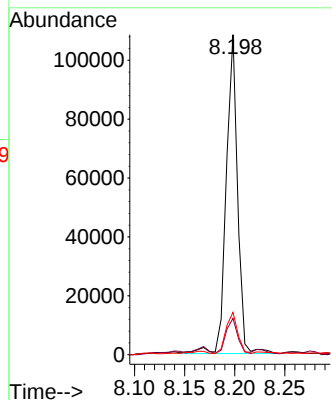
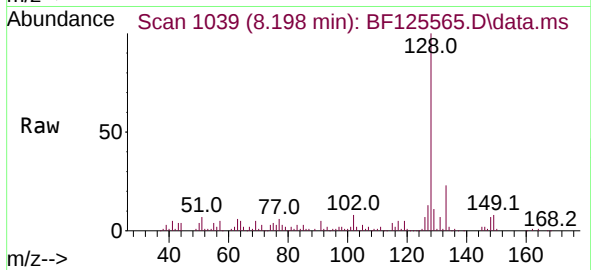




#31
Naphthalene
Concen: 2.057 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF125565.D
Acq: 22 Sep 2021 18:28

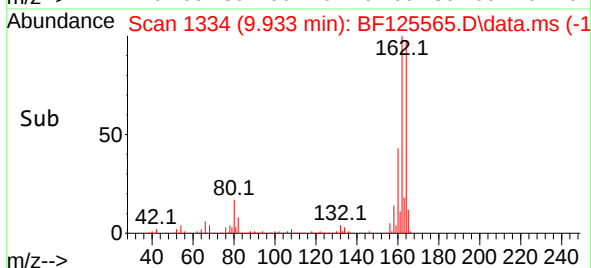
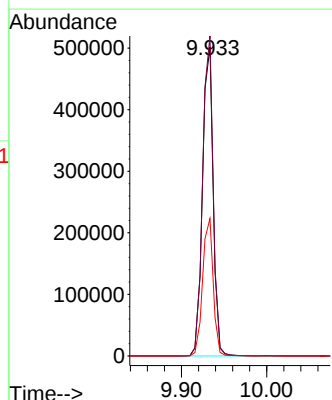
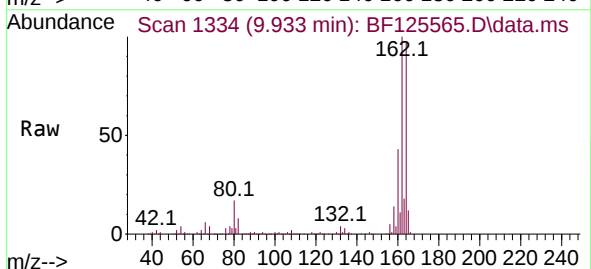
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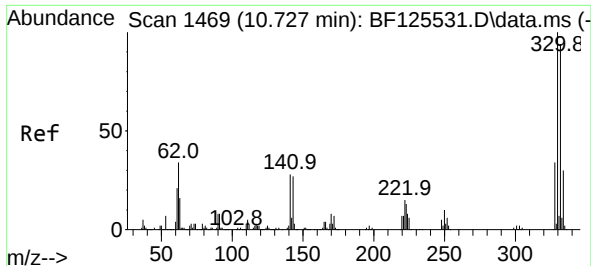
Tgt Ion:128 Resp: 85270
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.0
127 13.3 10.9 16.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF125565.D
Acq: 22 Sep 2021 18:28

Tgt Ion:164 Resp: 436294
Ion Ratio Lower Upper
164 100
162 103.5 81.3 121.9
160 44.5 38.0 57.0

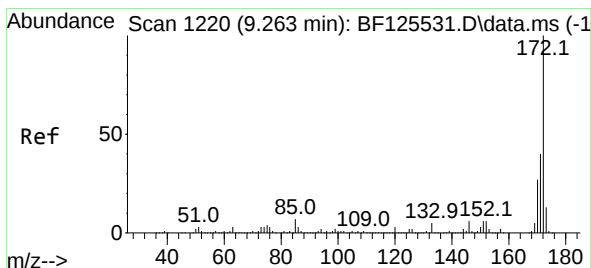
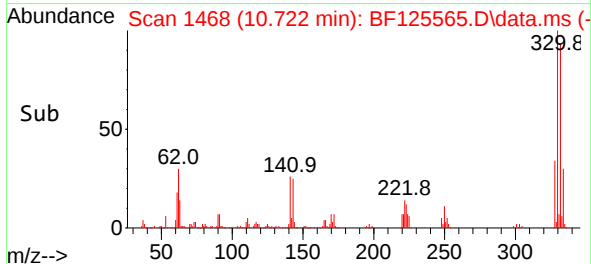
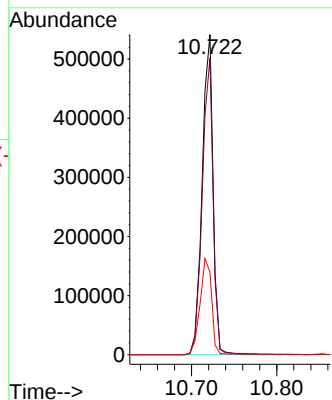
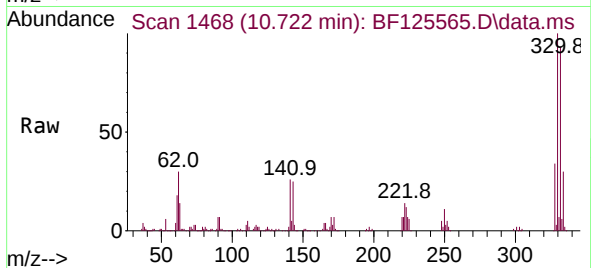




#42
2,4,6-Tribromophenol
Concen: 112.666 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF125565.D
Acq: 22 Sep 2021 18:28

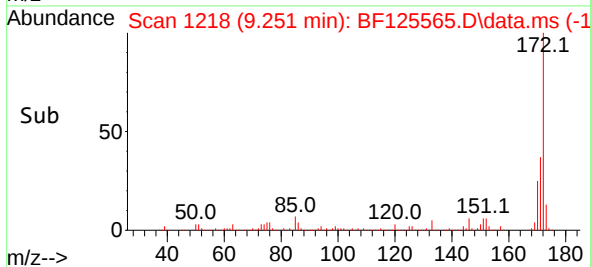
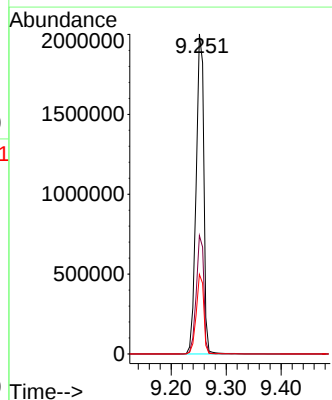
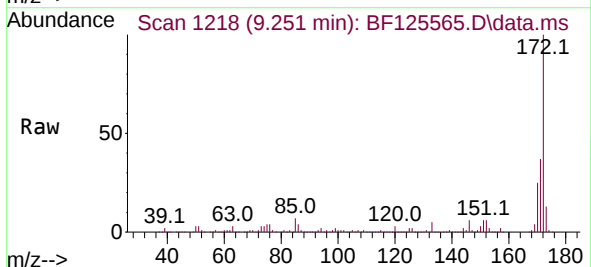
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SUP-UST-01-(5-7)

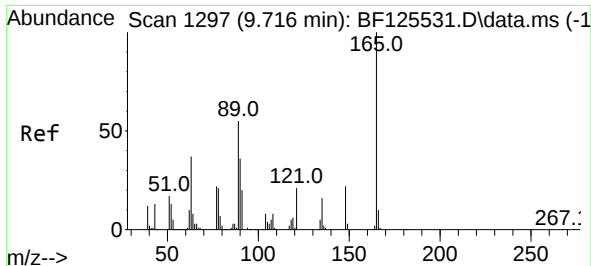
Tgt Ion: 330 Resp: 481461
Ion Ratio Lower Upper
330 100
332 92.3 76.2 114.4
141 32.2 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 79.652 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF125565.D
Acq: 22 Sep 2021 18:28

Tgt Ion: 172 Resp: 1936725
Ion Ratio Lower Upper
172 100
171 37.0 26.5 39.7
170 24.9 18.8 28.2

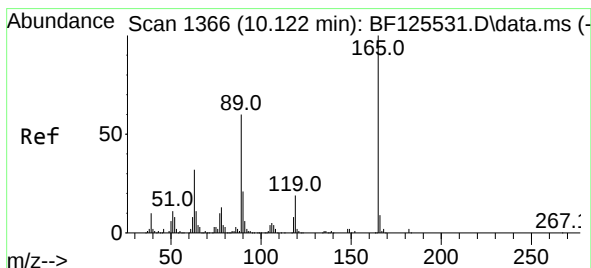
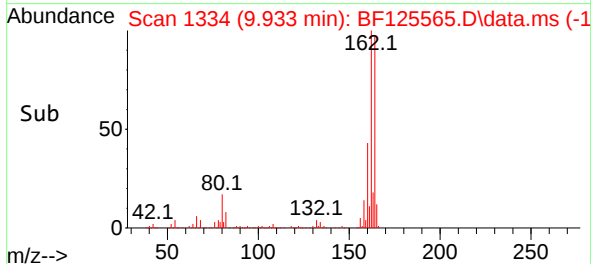
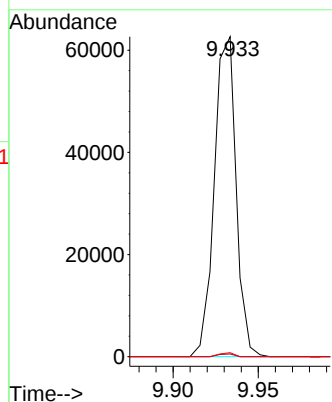
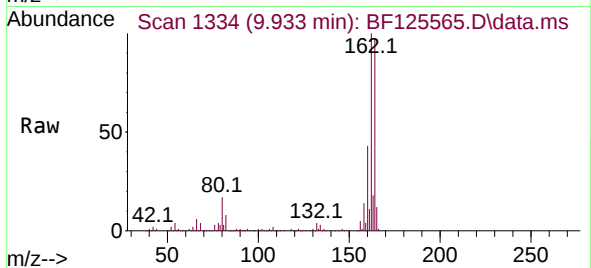




#51
2,6-Dinitrotoluene
Concen: 9.305 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.218 min
Lab File: BF125565.D
Acq: 22 Sep 2021 18:28

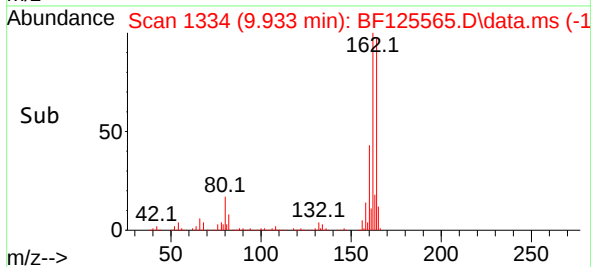
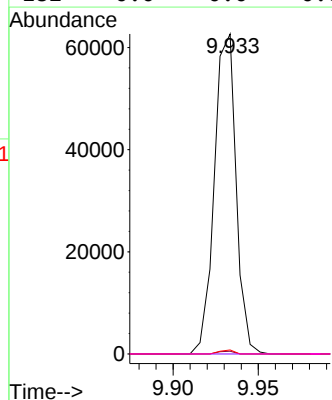
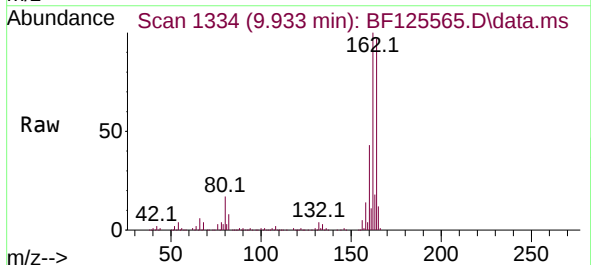
Instrument :
BNA_F
ClientSampleId :
SUP-UST-01-(5-7)

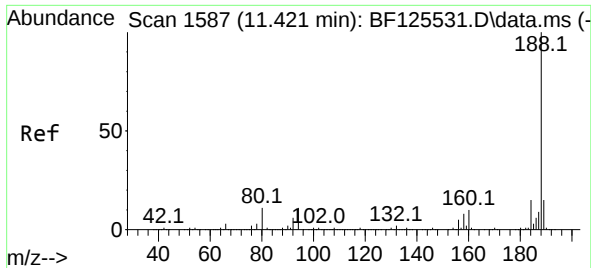
Tgt Ion:165 Resp: 55585
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 1.2 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.764 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF125565.D
Acq: 22 Sep 2021 18:28

Tgt Ion:165 Resp: 55585
Ion Ratio Lower Upper
165 100
63 0.8 40.9 61.3#
89 1.2 59.7 89.5#
182 0.0 0.0 0.0

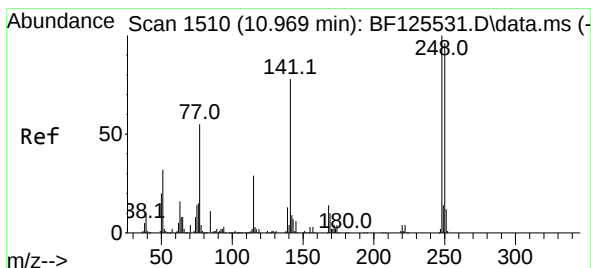
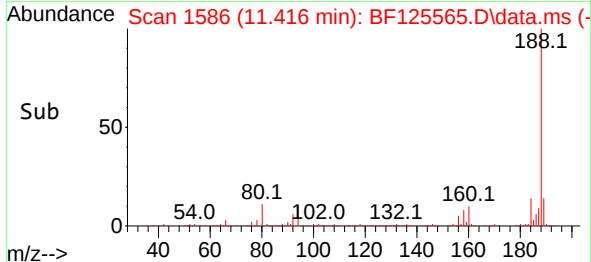
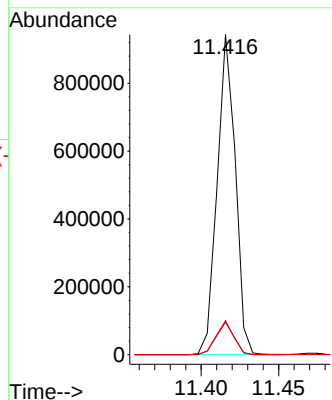
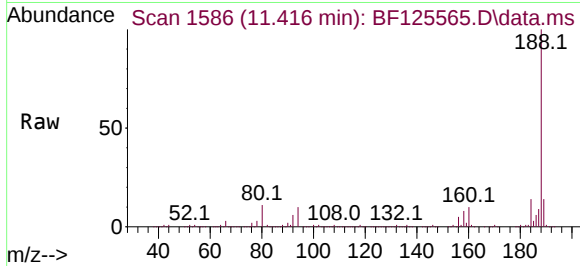




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125565.D
Acq: 22 Sep 2021 18:28

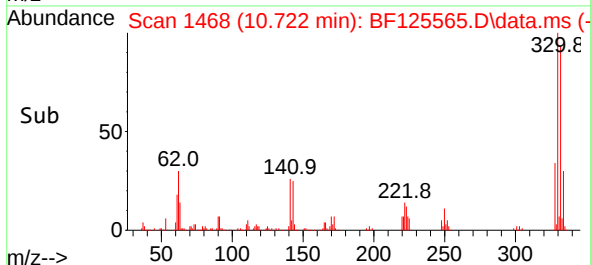
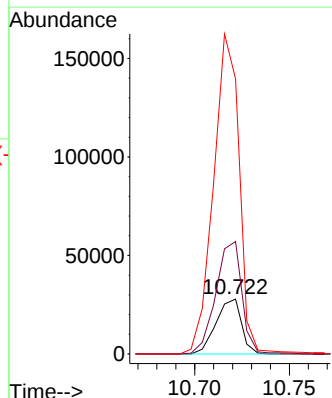
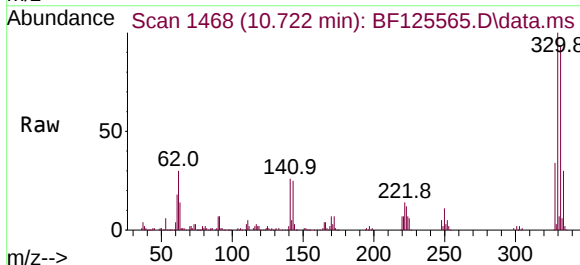
Instrument :
BNA_F
ClientSampleId :
SUP-UST-01-(5-7)

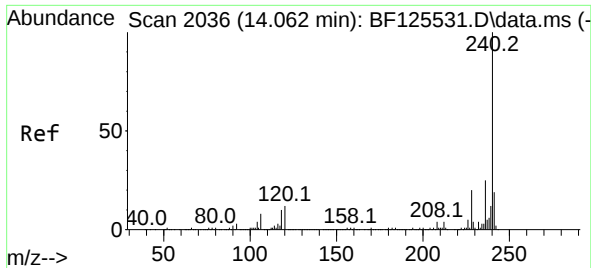
Tgt Ion:188 Resp: 768328
Ion Ratio Lower Upper
188 100
94 10.1 6.7 10.1#
80 10.6 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.960 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.247 min
Lab File: BF125565.D
Acq: 22 Sep 2021 18:28

Tgt Ion:248 Resp: 25994
Ion Ratio Lower Upper
248 100
250 204.7 74.2 111.4#
141 500.9 60.4 90.6#

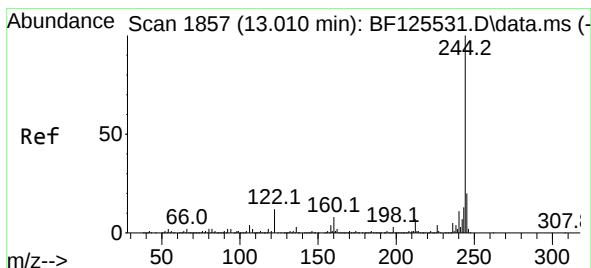
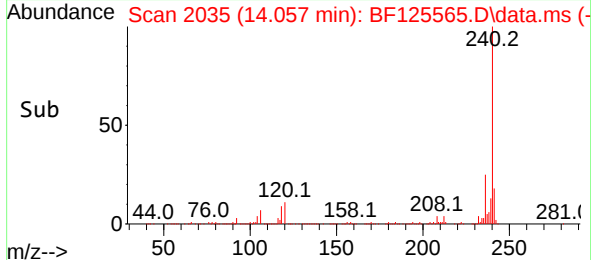
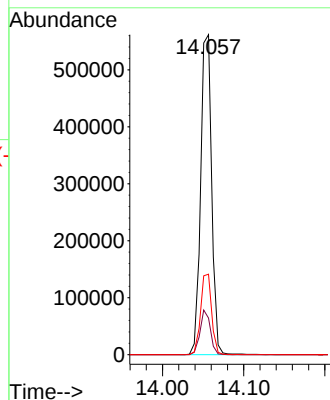
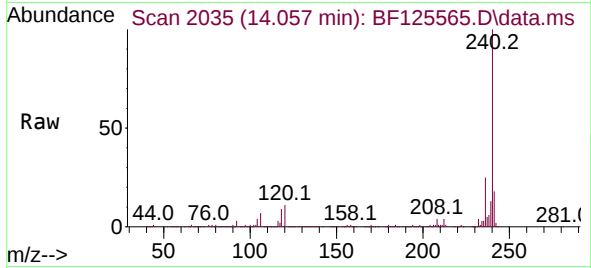




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125565.D
Acq: 22 Sep 2021 18:28

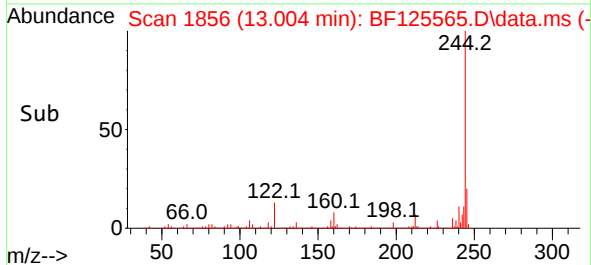
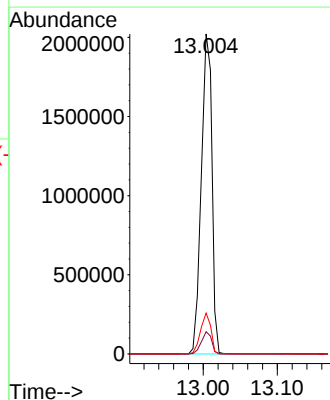
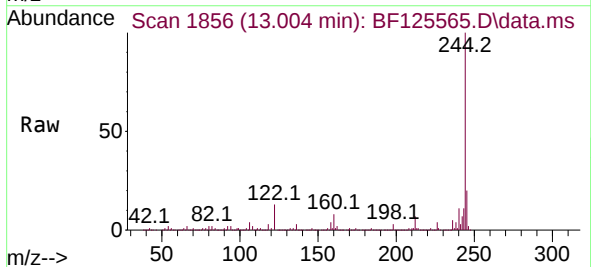
Instrument :
BNA_F
ClientSampleId :
SUP-UST-01-(5-7)

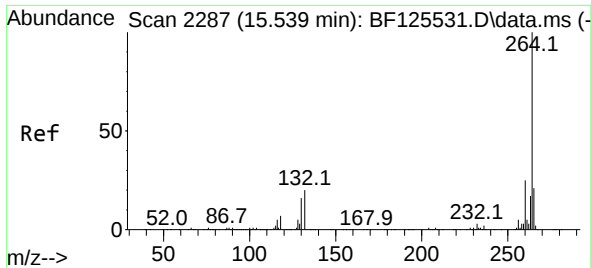
Tgt Ion:240	Resp: 531151
Ion Ratio	Lower Upper
240	100
120	11.4 10.8 16.2
236	25.1 21.6 32.4



#79
Terphenyl-d14
Concen: 61.107 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF125565.D
Acq: 22 Sep 2021 18:28

Tgt Ion:244	Resp: 2009965
Ion Ratio	Lower Upper
244	100
212	6.9 5.9 8.9
122	12.8 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: BF125565.D
 Acq: 22 Sep 2021 18:28

Instrument :
 BNA_F
 ClientSampleId :
 SUP-UST-01-(5-7)

Tgt Ion:264 Resp: 389191
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.6 29.4
 265 21.7 17.2 25.8

