

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092121\
 Data File : BF125545.D
 Acq On : 21 Sep 2021 20:12
 Operator : JU/CG
 Sample : M3835-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-CB-03-(1.0)

Quant Time: Sep 22 04:02:45 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)

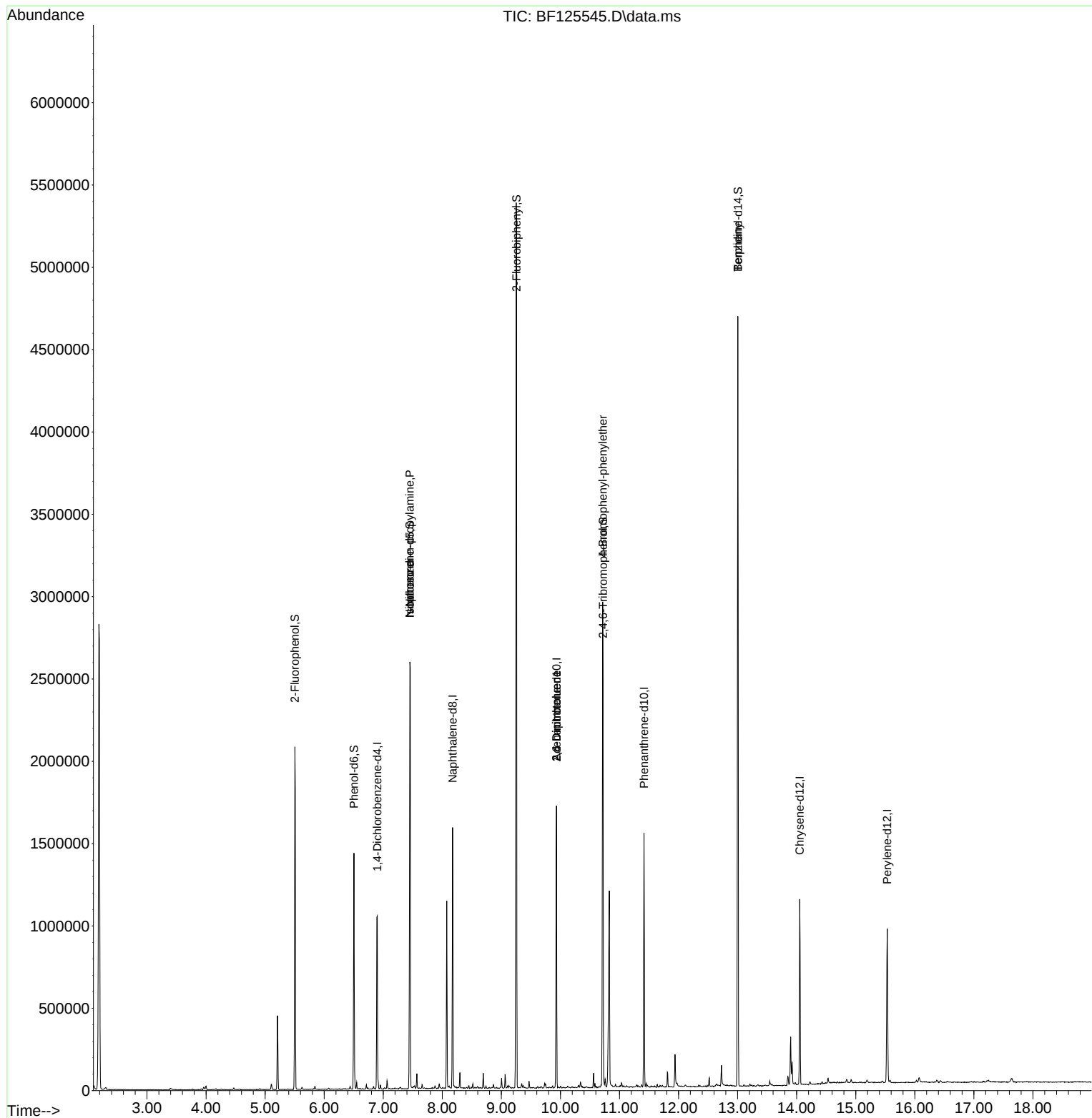
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	165668	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	681144	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	339999	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	524329	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	356004	20.000	ng	-0.01
86) Perylene-d12	15.533	264	402600	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	613346	58.546	ng	0.00
7) Phenol-d6	6.504	99	436856	32.342	ng	-0.02
23) Nitrobenzene-d5	7.451	82	949314	88.893	ng	-0.01
42) 2,4,6-Tribromophenol	10.721	330	388177	116.563	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1844385	100.232	ng	0.00
79) Terphenyl-d14	13.004	244	1588080	72.035	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.439	77	117	Below Cal	#	33
19) n-Nitroso-di-n-propyla...	7.451	70	121220	14.994	ng	# 54
25) Isophorone	7.451	82	948586	41.276	ng	# 59
51) 2,6-Dinitrotoluene	9.933	165	43034	9.244	ng	# 27
57) 2,4-Dinitrotoluene	9.933	165	43034	7.713	ng	# 19
67) 4-Bromophenyl-phenylether	10.716	248	21947	3.663	ng	# 1
77) Benzidine	13.004	184	20584	2.039	ng	98

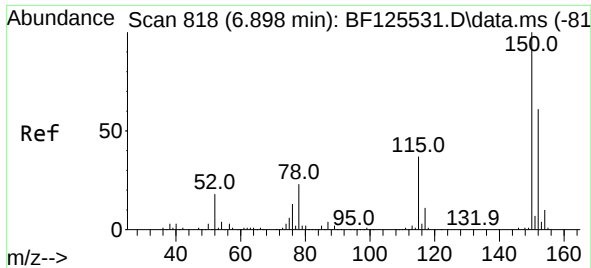
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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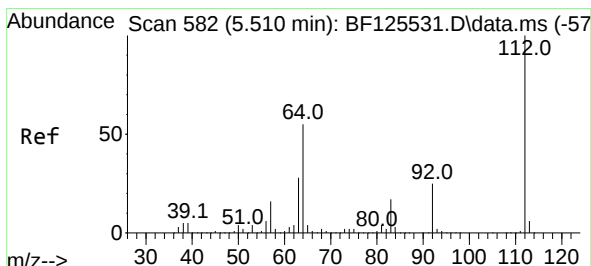
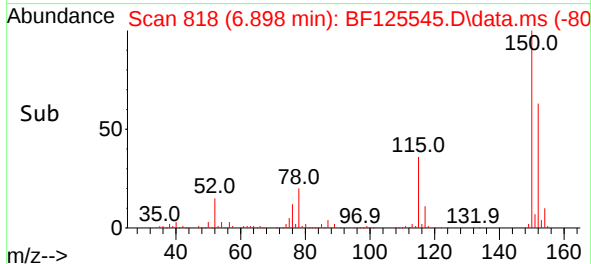
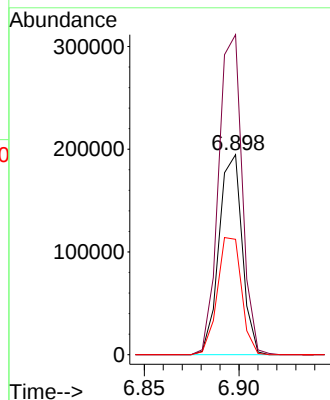
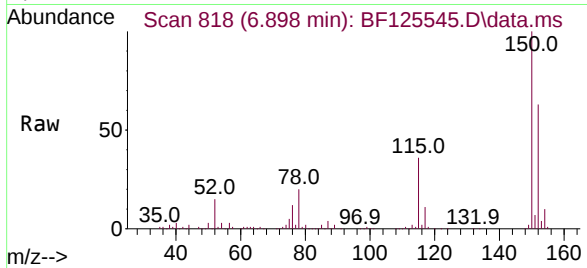




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF125545.D
Acq: 21 Sep 2021 20:12

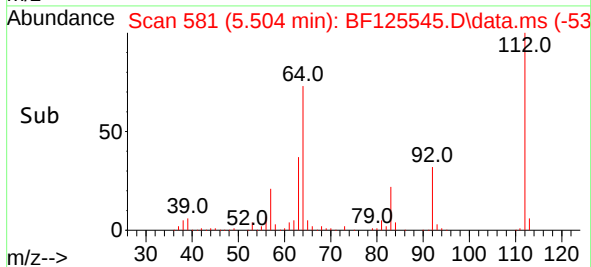
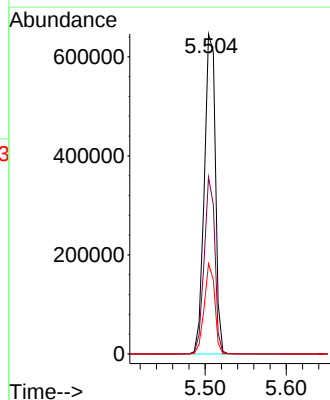
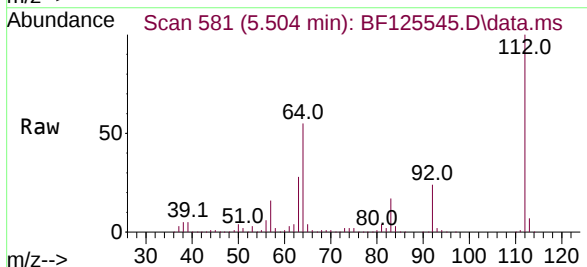
Instrument :
BNA_F
ClientSampleId :
SW-CB-03-(1.0)

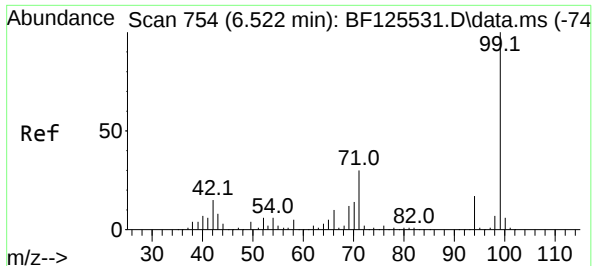
Tgt Ion:152 Resp: 165668
Ion Ratio Lower Upper
152 100
150 159.9 117.6 176.4
115 57.7 47.1 70.7



#5
2-Fluorophenol
Concen: 58.546 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF125545.D
Acq: 21 Sep 2021 20:12

Tgt Ion:112 Resp: 613346
Ion Ratio Lower Upper
112 100
64 55.3 44.2 66.2
63 28.2 26.2 39.2

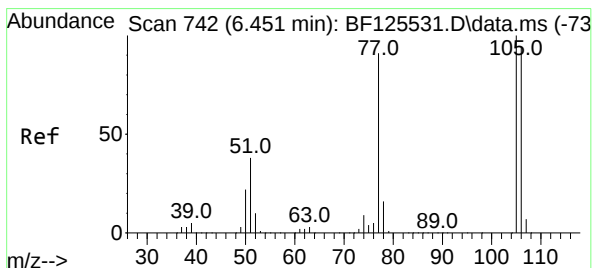
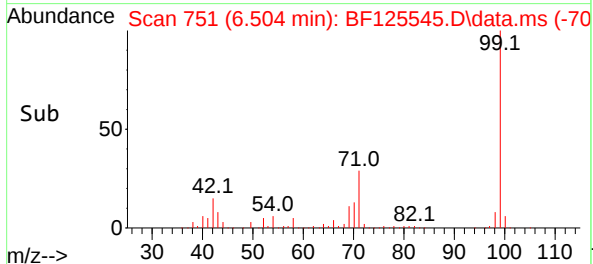
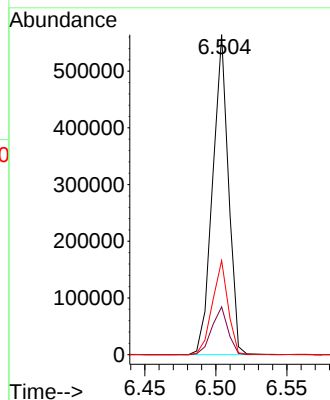
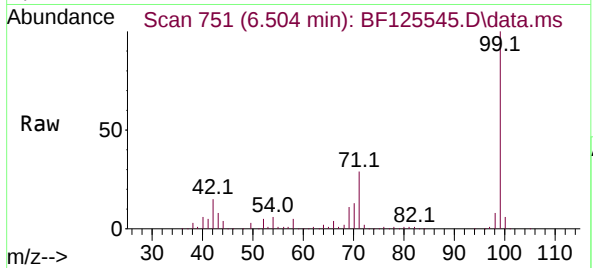




#7
Phenol-d6
Concen: 32.342 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.018 min
Lab File: BF125545.D
Acq: 21 Sep 2021 20:12

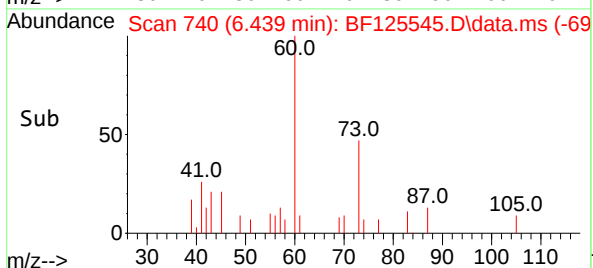
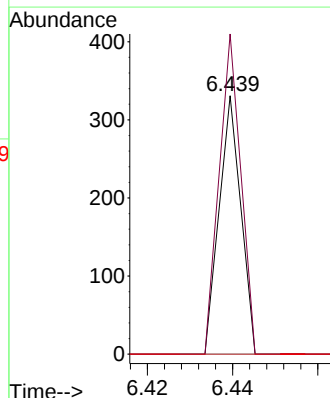
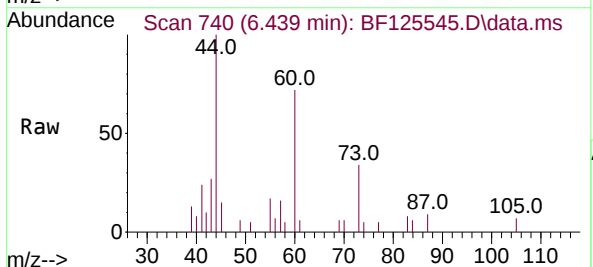
Instrument :
BNA_F
ClientSampleId :
SW-CB-03-(1.0)

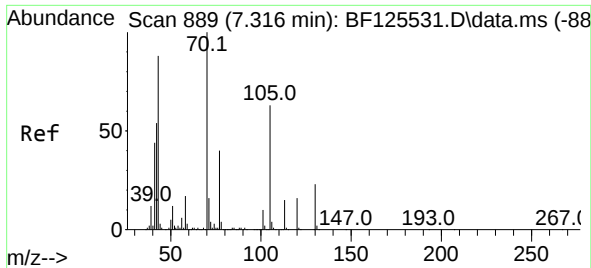
Tgt Ion: 99 Resp: 436856
Ion Ratio Lower Upper
99 100
42 15.0 23.5 35.3#
71 29.4 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.439 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF125545.D
Acq: 21 Sep 2021 20:12

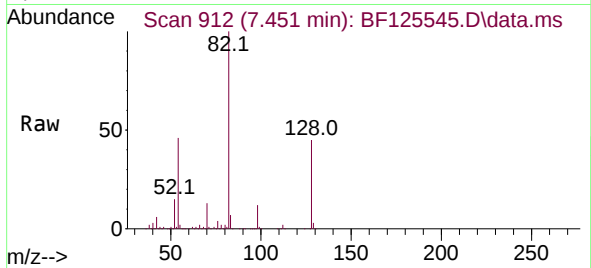
Tgt Ion: 77 Resp: 117
Ion Ratio Lower Upper
77 100
105 123.9 75.9 115.9#
106 0.0 84.0 124.0#



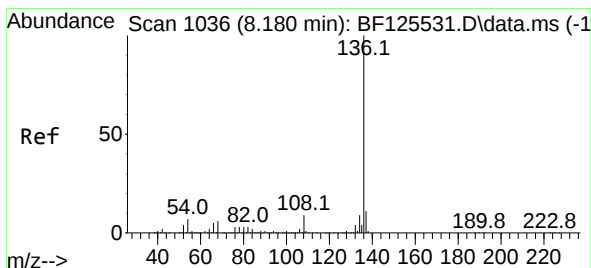
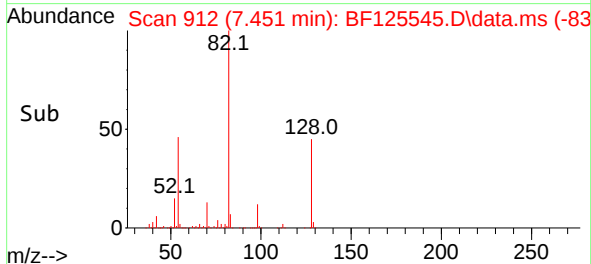
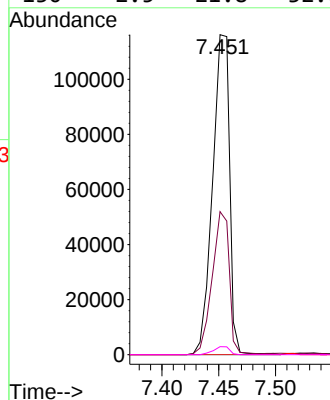


#19
n-Nitroso-di-n-propylamine
Concen: 14.994 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.135 min
Lab File: BF125545.D
Acq: 21 Sep 2021 20:12

Instrument :
BNA_F
ClientSampleId :
SW-CB-03-(1.0)

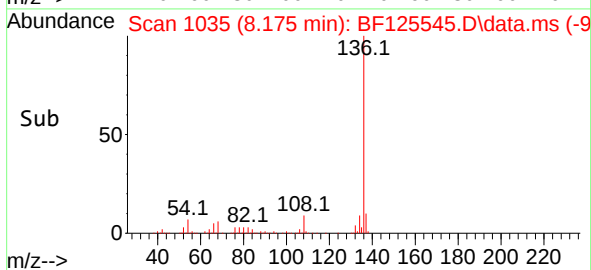
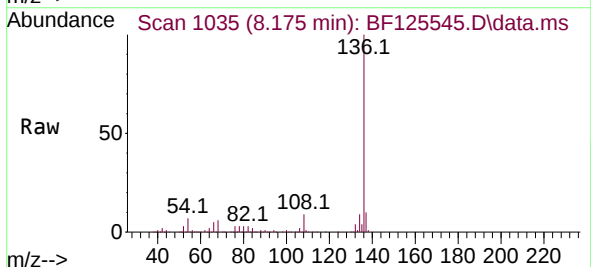
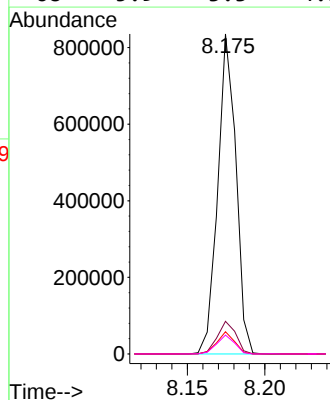


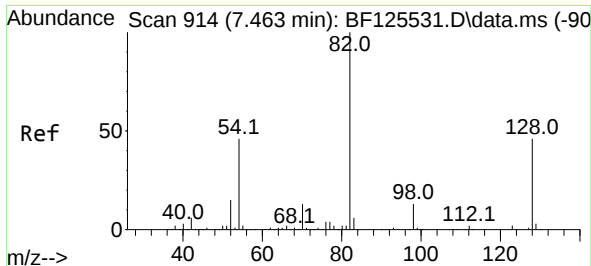
Tgt Ion: 70 Resp: 121220
Ion Ratio Lower Upper
70 100
42 44.7 72.2 108.2#
101 0.0 7.8 11.8#
130 2.5 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF125545.D
Acq: 21 Sep 2021 20:12

Tgt Ion: 136 Resp: 681144
Ion Ratio Lower Upper
136 100
137 10.2 9.8 14.6
54 7.0 6.4 9.6
68 5.9 3.3 4.9#

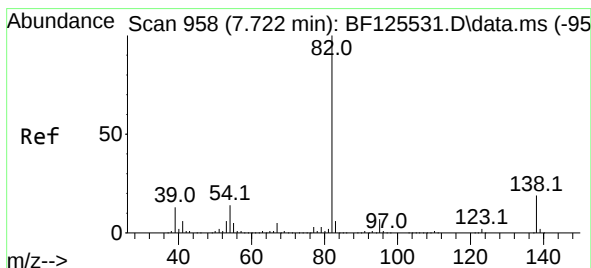
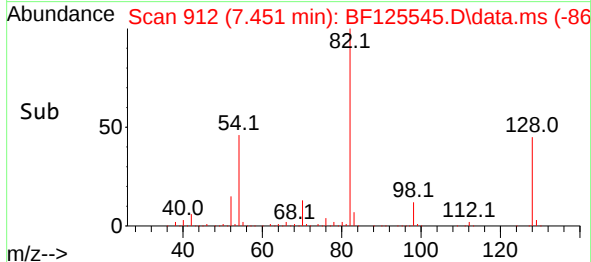
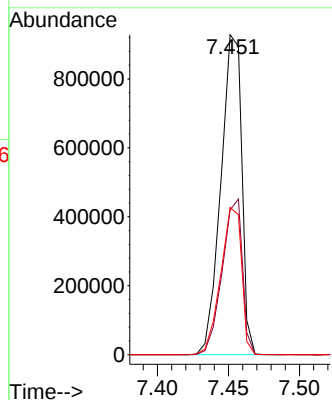
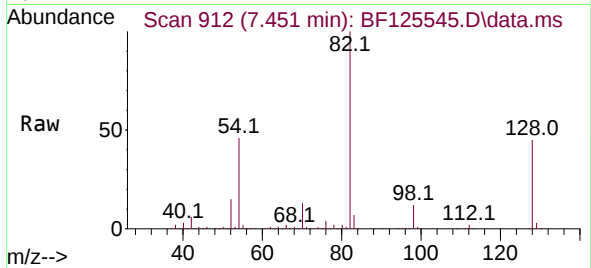




#23
Nitrobenzene-d5
Concen: 88.893 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF125545.D
Acq: 21 Sep 2021 20:12

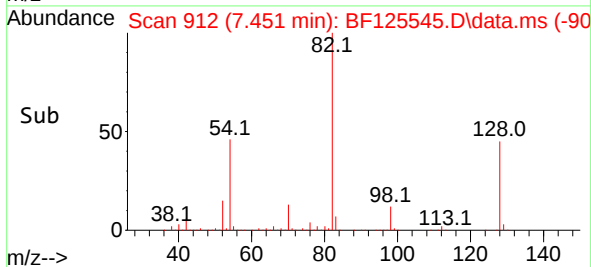
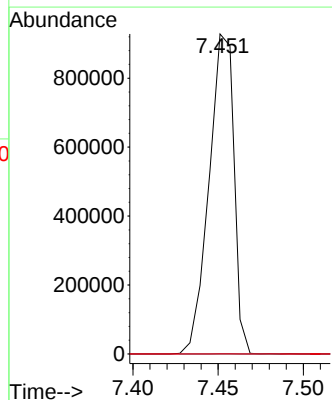
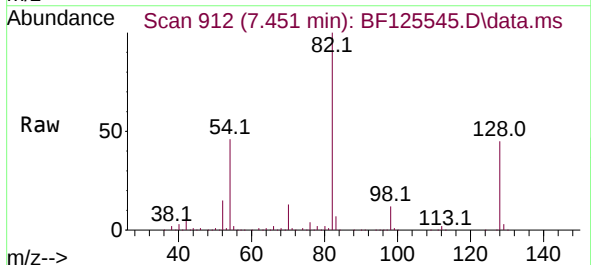
Instrument :
BNA_F
ClientSampleId :
SW-CB-03-(1.0)

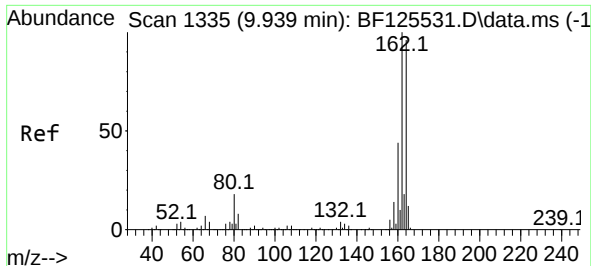
Tgt Ion: 82 Resp: 949314
Ion Ratio Lower Upper
82 100
128 45.2 40.6 60.8
54 46.0 49.6 74.4#



#25
Isophorone
Concen: 41.276 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.271 min
Lab File: BF125545.D
Acq: 21 Sep 2021 20:12

Tgt Ion: 82 Resp: 948586
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

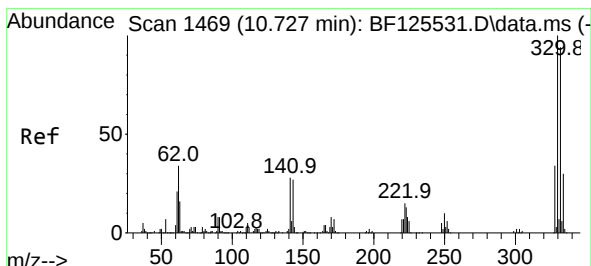
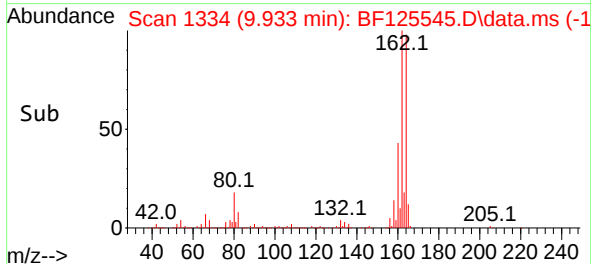
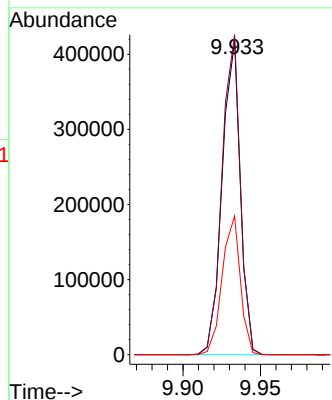
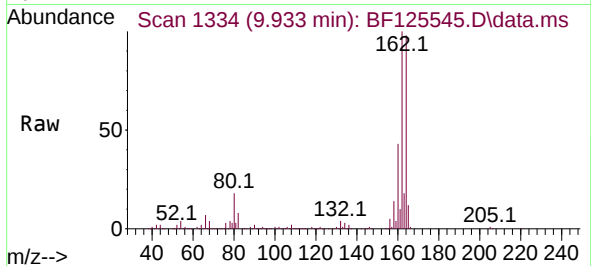




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF125545.D
Acq: 21 Sep 2021 20:12

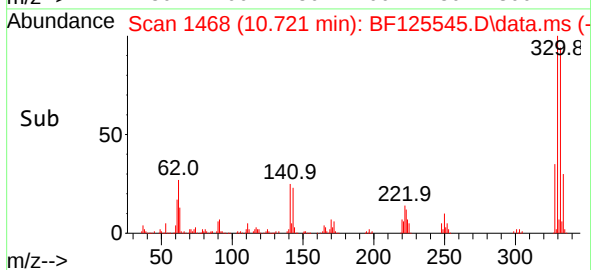
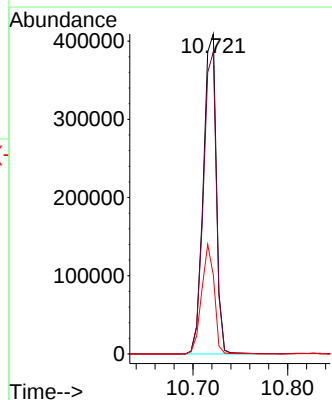
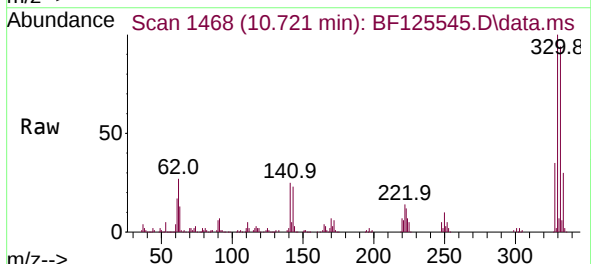
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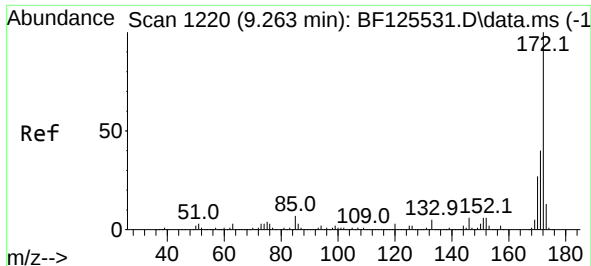
Tgt Ion:164 Resp: 339999
Ion Ratio Lower Upper
164 100
162 102.1 81.3 121.9
160 44.2 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 116.563 ng
RT: 10.721 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF125545.D
Acq: 21 Sep 2021 20:12

Tgt Ion:330 Resp: 388177
Ion Ratio Lower Upper
330 100
332 94.2 76.2 114.4
141 33.2 44.6 66.8#

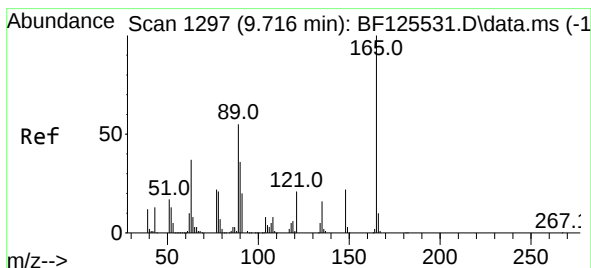
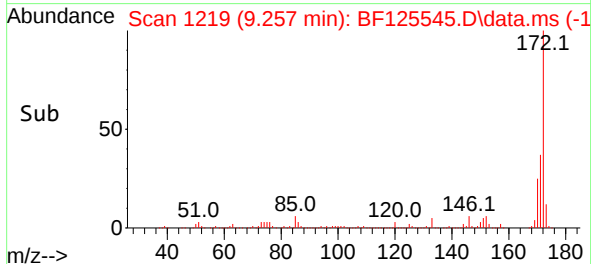
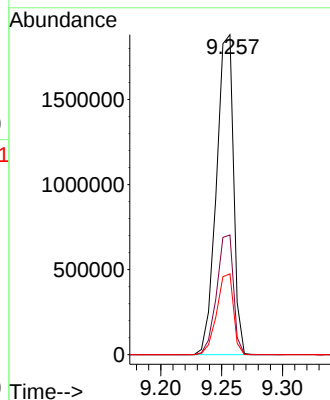
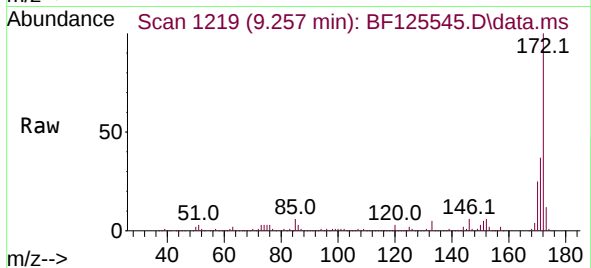




#45
2-Fluorobiphenyl
Concen: 100.232 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF125545.D
Acq: 21 Sep 2021 20:12

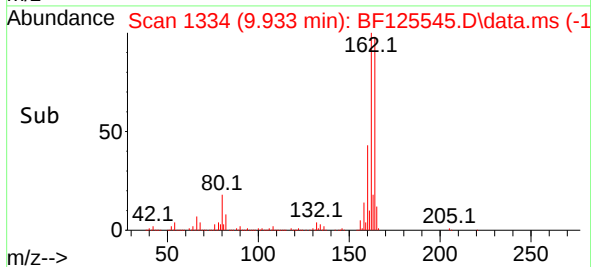
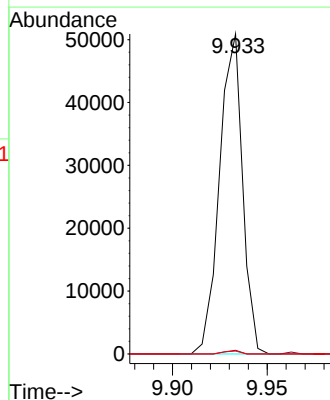
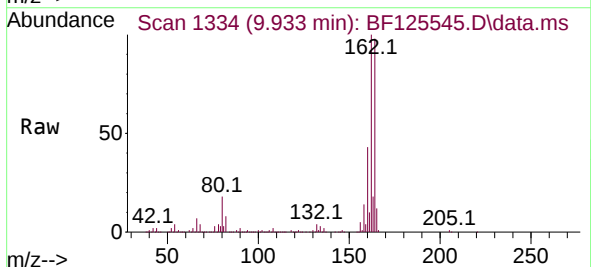
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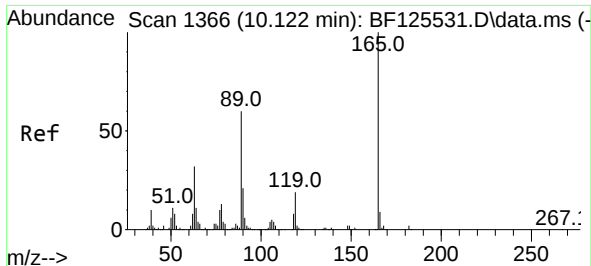
Tgt Ion:172 Resp: 1844385
Ion Ratio Lower Upper
172 100
171 37.4 26.5 39.7
170 25.2 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 9.244 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.218 min
Lab File: BF125545.D
Acq: 21 Sep 2021 20:12

Tgt Ion:165 Resp: 43034
Ion Ratio Lower Upper
165 100
63 1.1 42.6 63.8#
89 0.9 40.6 60.8#

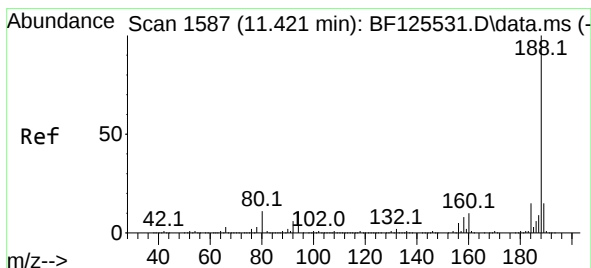
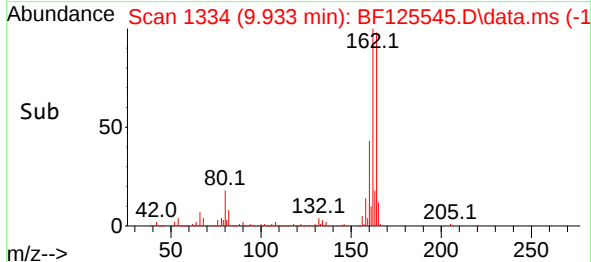
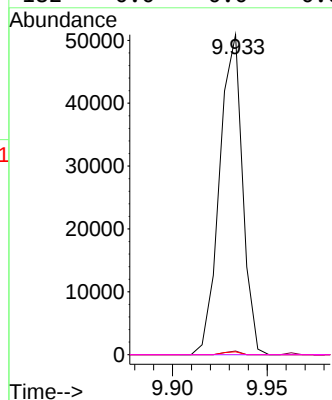
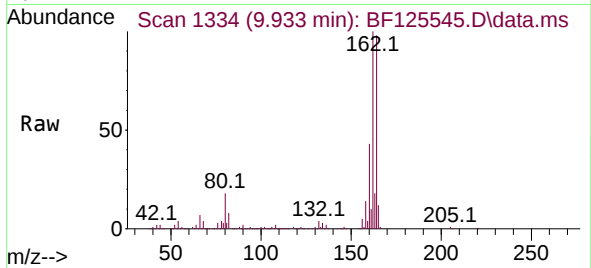




#57
2,4-Dinitrotoluene
Concen: 7.713 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF125545.D
Acq: 21 Sep 2021 20:12

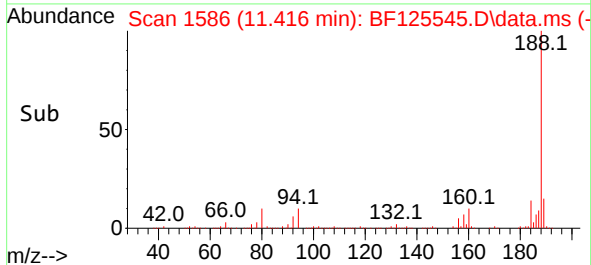
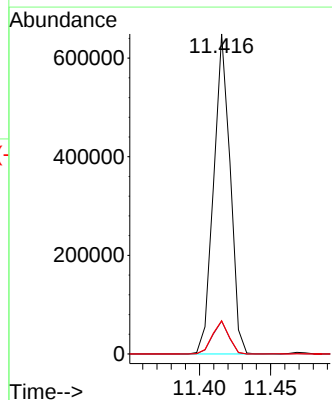
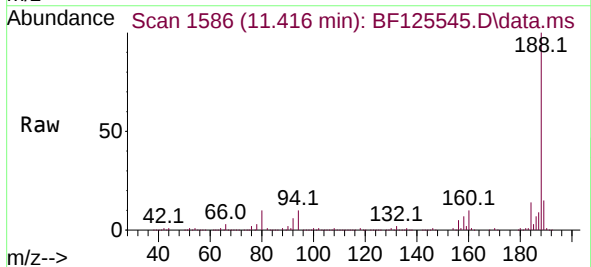
Instrument :
BNA_F
ClientSampleId :
SW-CB-03-(1.0)

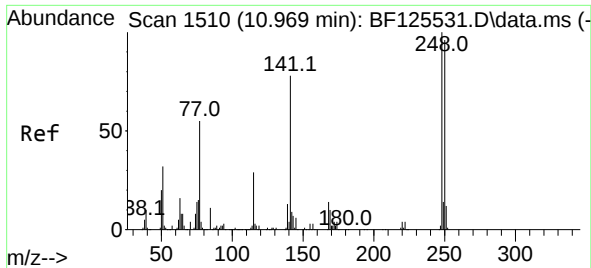
Tgt Ion:165	Resp:	43034
Ion Ratio	Lower	Upper
165	100	
63	1.1	40.9 61.3#
89	0.9	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125545.D
Acq: 21 Sep 2021 20:12

Tgt Ion:188	Resp:	524329
Ion Ratio	Lower	Upper
188	100	
94	10.3	6.7 10.1#
80	10.4	7.5 11.3

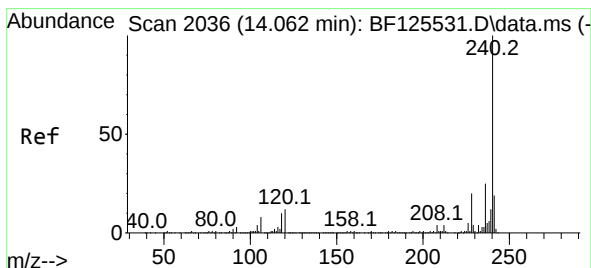
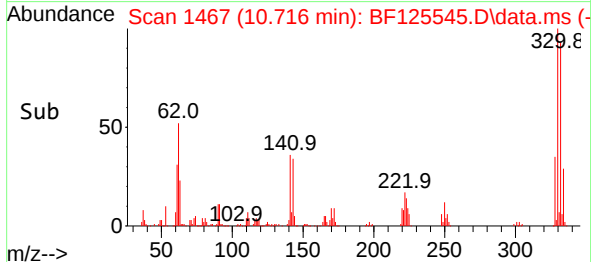
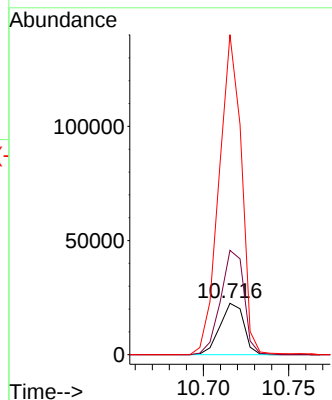
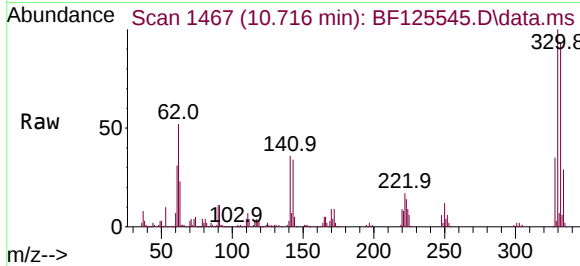




#67
4-Bromophenyl-phenylether
Concen: 3.663 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.253 min
Lab File: BF125545.D
Acq: 21 Sep 2021 20:12

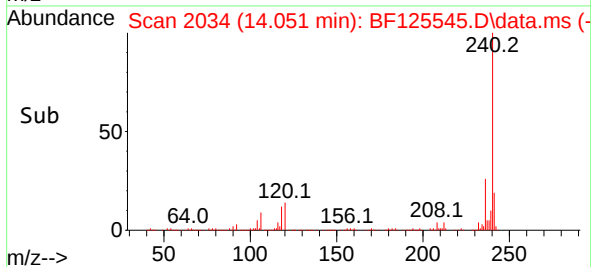
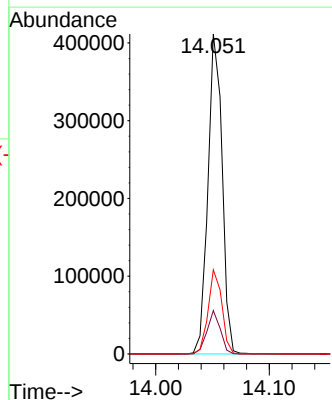
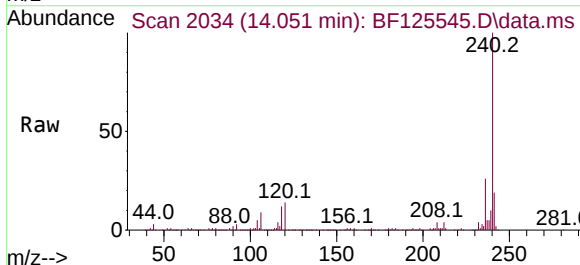
Instrument :
BNA_F
ClientSampleId :
SW-CB-03-(1.0)

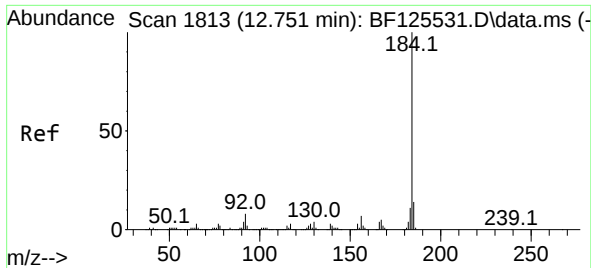
Tgt Ion:248 Resp: 21947
Ion Ratio Lower Upper
248 100
250 202.8 74.2 111.4#
141 622.4 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF125545.D
Acq: 21 Sep 2021 20:12

Tgt Ion:240 Resp: 356004
Ion Ratio Lower Upper
240 100
120 13.5 10.8 16.2
236 26.3 21.6 32.4

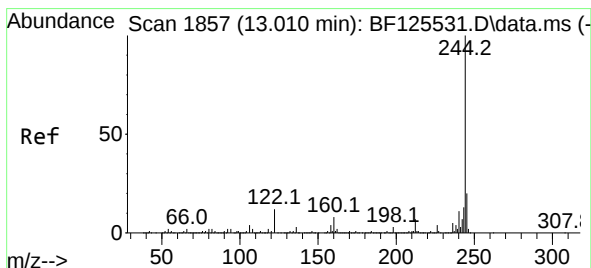
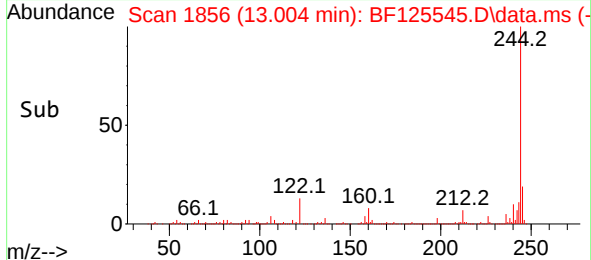
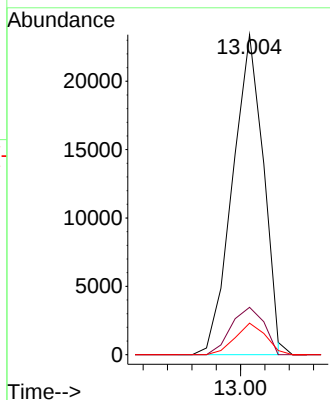
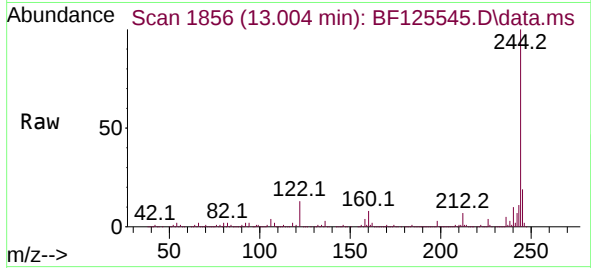




#77
Benzidine
Concen: 2.039 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.253 min
Lab File: BF125545.D
Acq: 21 Sep 2021 20:12

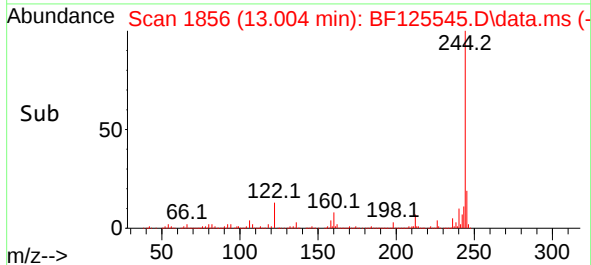
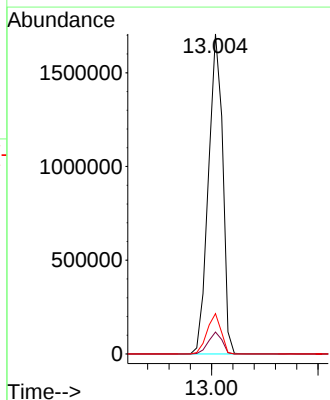
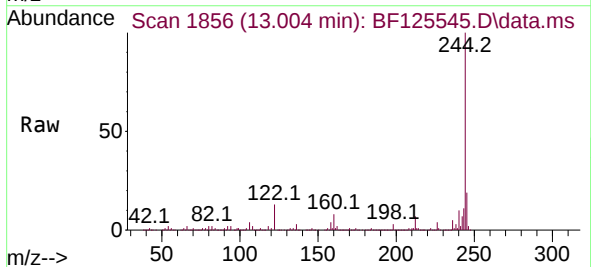
Instrument :
BNA_F
ClientSampleId :
SW-CB-03-(1.0)

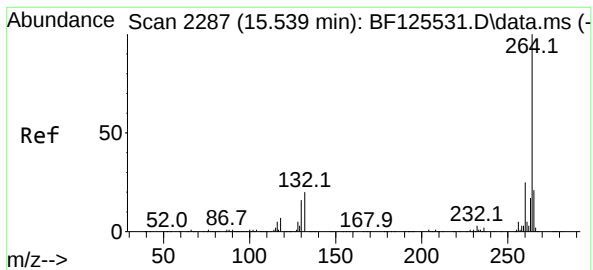
Tgt Ion:184	Resp:	20584
Ion Ratio	Lower	Upper
184	100	
185	14.8	10.8 16.2
183	9.8	8.1 12.1



#79
Terphenyl-d14
Concen: 72.035 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF125545.D
Acq: 21 Sep 2021 20:12

Tgt Ion:244	Resp:	1588080
Ion Ratio	Lower	Upper
244	100	
212	6.9	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: BF125545.D
 Acq: 21 Sep 2021 20:12

Instrument :
 BNA_F
 ClientSampleId :
 SW-CB-03-(1.0)

Tgt Ion:264	Resp:	402600
Ion	Ratio	Lower Upper
264	100	
260	24.1	19.6 29.4
265	21.1	17.2 25.8

