

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
 Data File : BF125600.D
 Acq On : 23 Sep 2021 19:40
 Operator : JU/CG
 Sample : M3823-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DKM-ENV-IG

Quant Time: Sep 24 04:18:34 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)

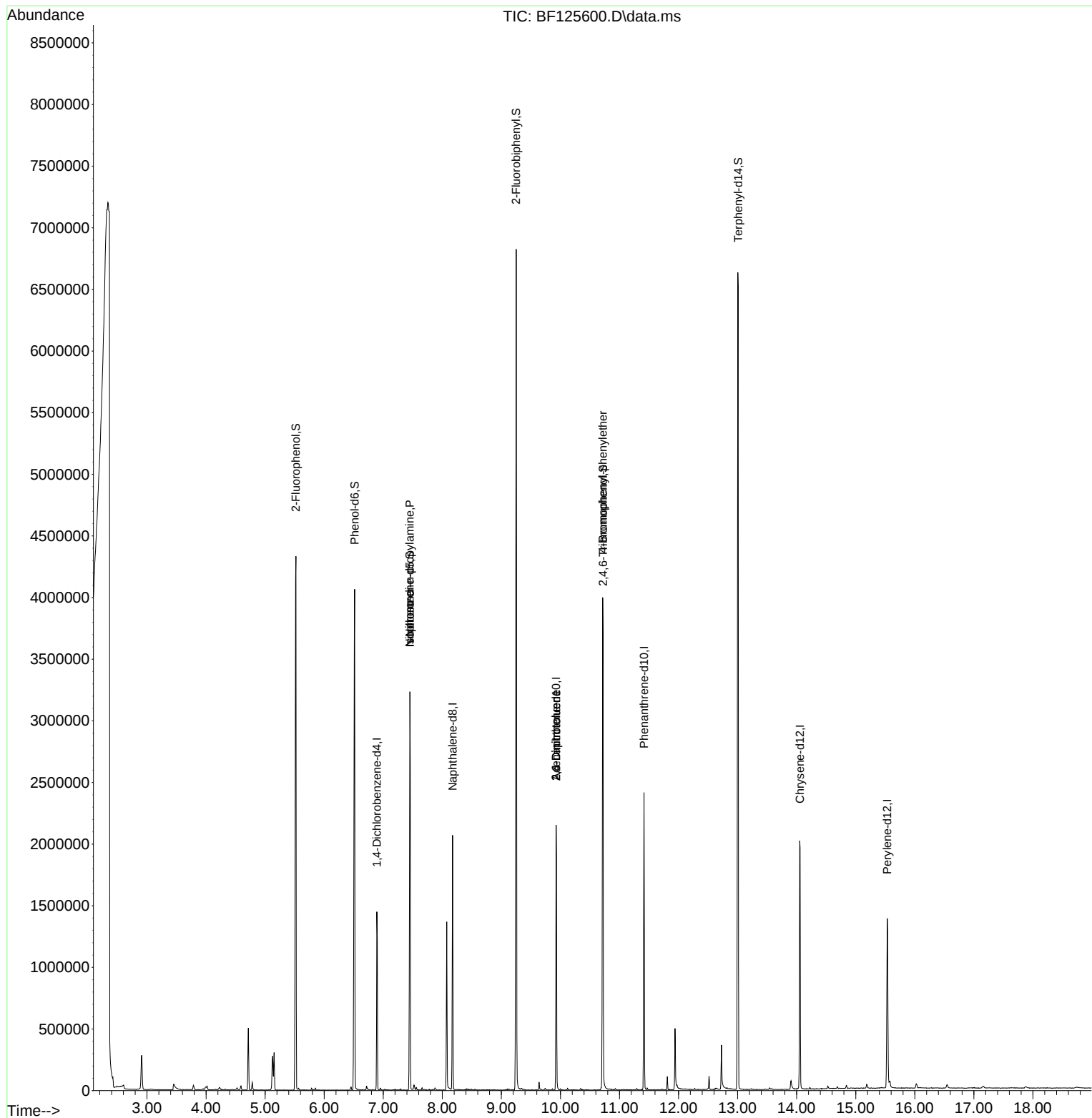
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	215583	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	874558	20.000	ng	# 0.00
39) Acenaphthene-d10	9.927	164	471253	20.000	ng	-0.01
64) Phenanthrene-d10	11.416	188	825278	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	717800	20.000	ng	0.00
86) Perylene-d12	15.533	264	655265	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1474413	108.152	ng	0.01
7) Phenol-d6	6.516	99	1663723	94.653	ng	0.00
23) Nitrobenzene-d5	7.451	82	1148730	83.777	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	591899	128.234	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	2262577	87.214	ng	-0.01
79) Terphenyl-d14	13.010	244	2568716	57.788	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.516	77	2938	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.451	70	147696	14.039	ng	# 51
25) Isophorone	7.451	82	1144474	38.786	ng	# 59
51) 2,6-Dinitrotoluene	9.927	165	58389	9.049	ng	# 27
57) 2,4-Dinitrotoluene	9.927	165	58389	7.551	ng	# 19
67) 4-Bromophenyl-phenylether	10.716	248	32122	3.406	ng	# 1

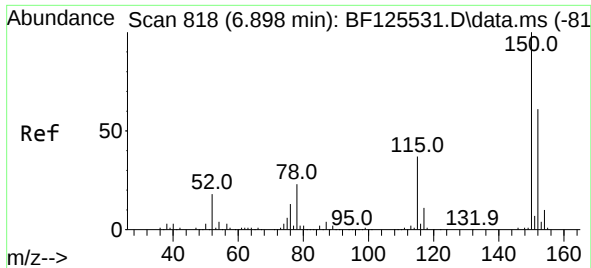
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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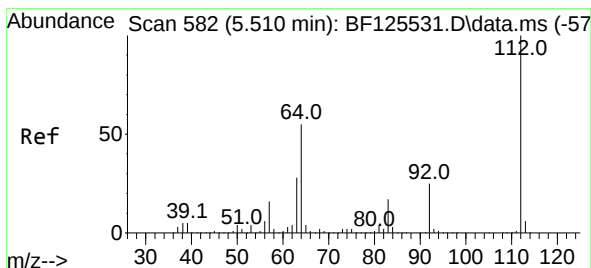
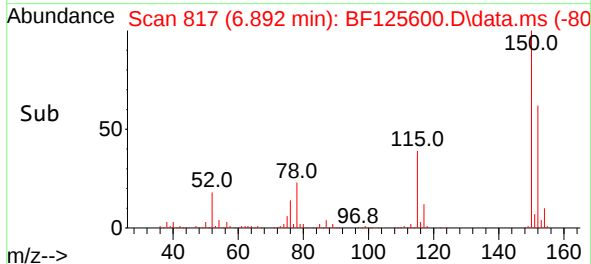
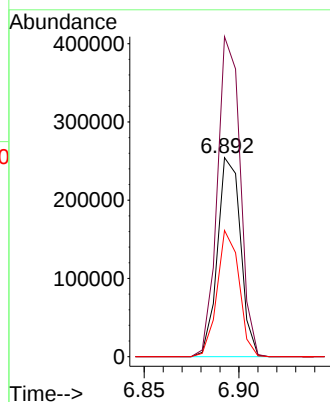
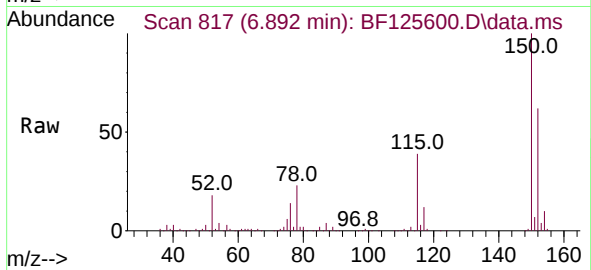




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF125600.D
Acq: 23 Sep 2021 19:40

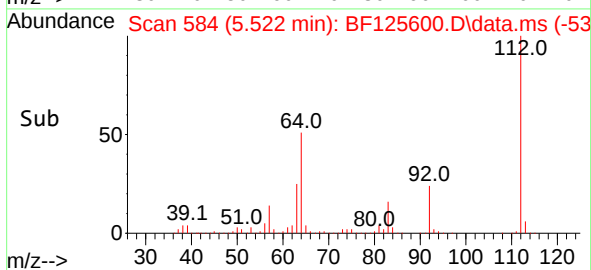
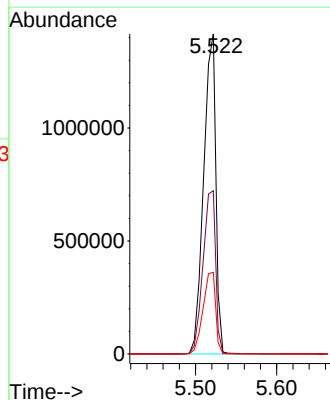
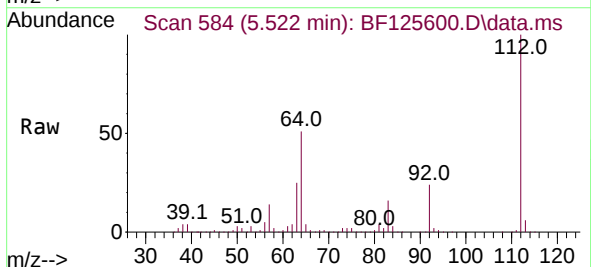
Instrument :
BNA_F
ClientSampleId :
DKM-ENV-IG

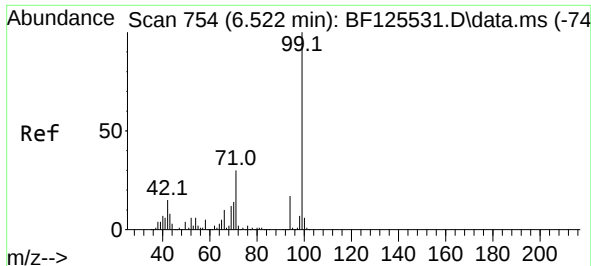
Tgt Ion:152 Resp: 215583
Ion Ratio Lower Upper
152 100
150 160.7 117.6 176.4
115 63.4 47.1 70.7



#5
2-Fluorophenol
Concen: 108.152 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF125600.D
Acq: 23 Sep 2021 19:40

Tgt Ion:112 Resp: 1474413
Ion Ratio Lower Upper
112 100
64 51.0 44.2 66.2
63 25.5 26.2 39.2#

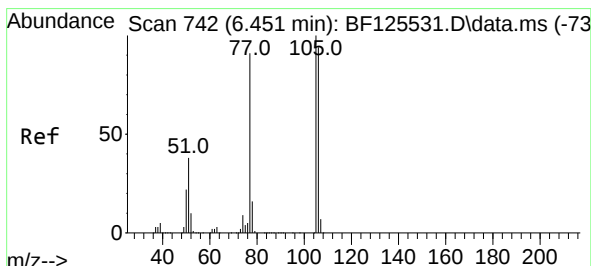
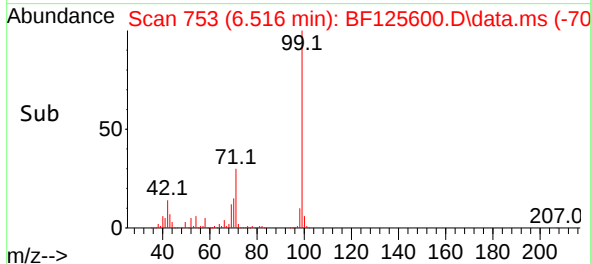
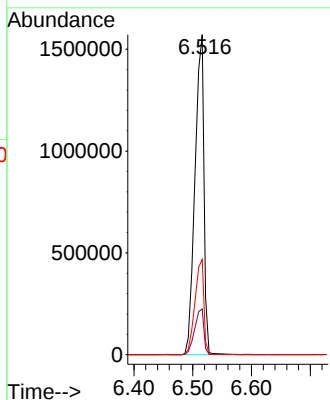
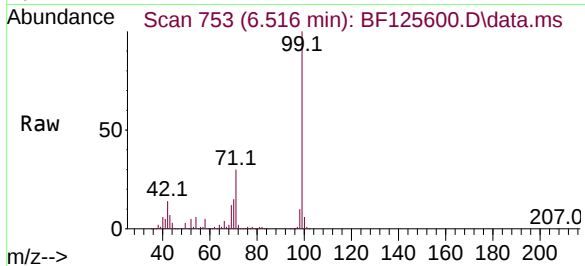




#7
Phenol-d6
Concen: 94.653 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF125600.D
Acq: 23 Sep 2021 19:40

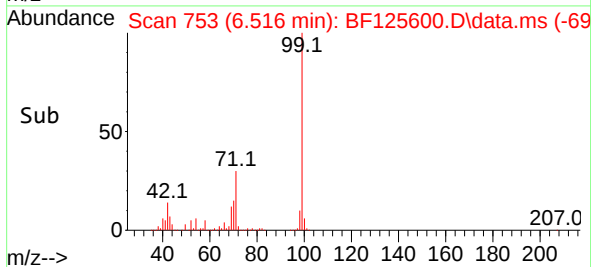
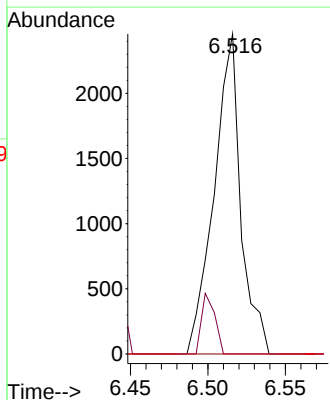
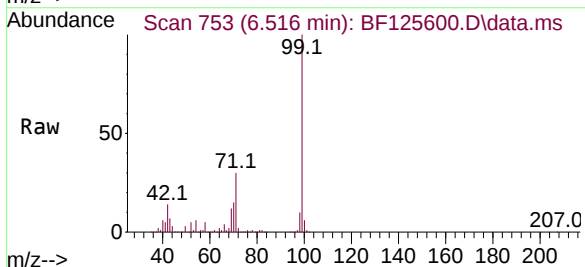
Instrument :
BNA_F
ClientSampleId :
DKM-ENV-IG

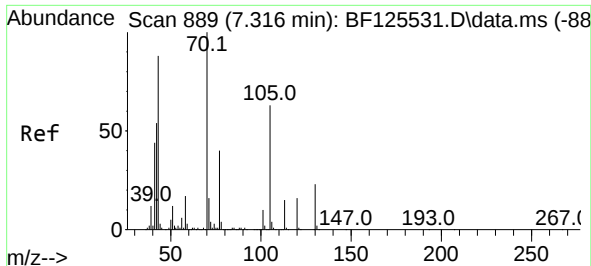
Tgt Ion: 99 Resp: 1663723
Ion Ratio Lower Upper
99 100
42 14.3 23.5 35.3#
71 29.8 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 753
Delta R.T. 0.065 min
Lab File: BF125600.D
Acq: 23 Sep 2021 19:40

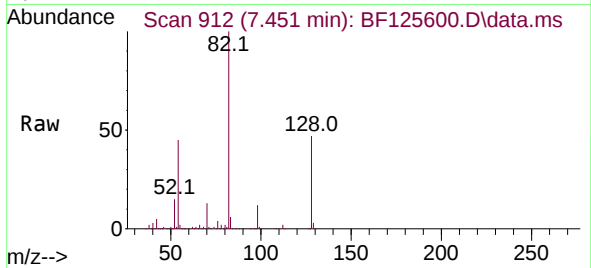
Tgt Ion: 77 Resp: 2938
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



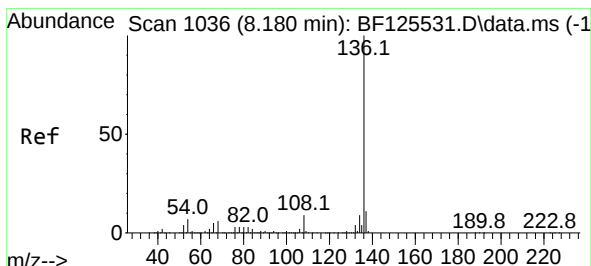
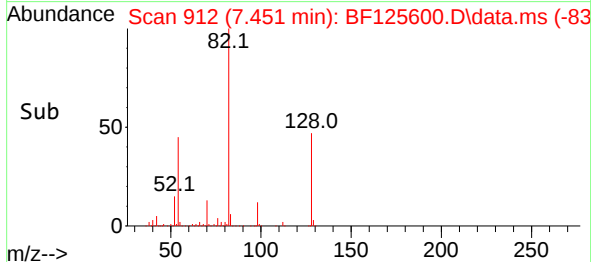
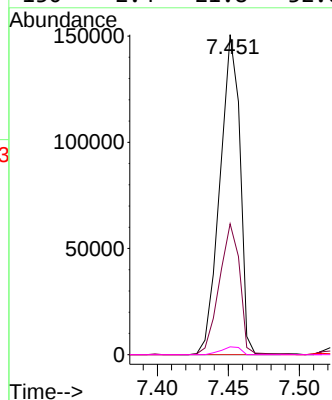


#19
n-Nitroso-di-n-propylamine
Concen: 14.039 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.135 min
Lab File: BF125600.D
Acq: 23 Sep 2021 19:40

Instrument :
BNA_F
ClientSampleId :
DKM-ENV-IG

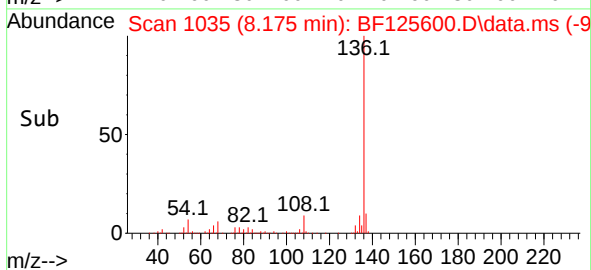
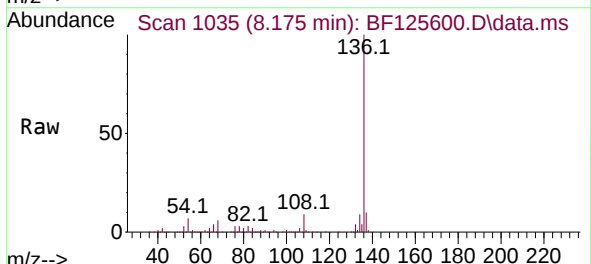
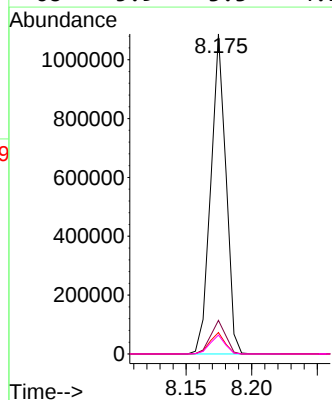


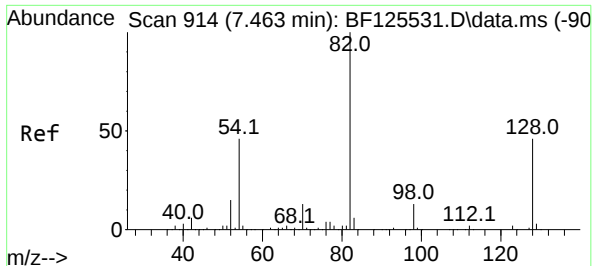
Tgt Ion: 70 Resp: 147696
Ion Ratio Lower Upper
70 100
42 40.9 72.2 108.2#
101 0.0 7.8 11.8#
130 2.4 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF125600.D
Acq: 23 Sep 2021 19:40

Tgt Ion: 136 Resp: 874558
Ion Ratio Lower Upper
136 100
137 10.5 9.8 14.6
54 6.7 6.4 9.6
68 5.9 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 83.777 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.012 min

Lab File: BF125600.D

Acq: 23 Sep 2021 19:40

Tgt Ion: 82 Resp: 1148730

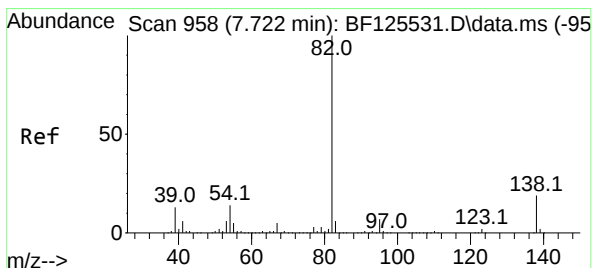
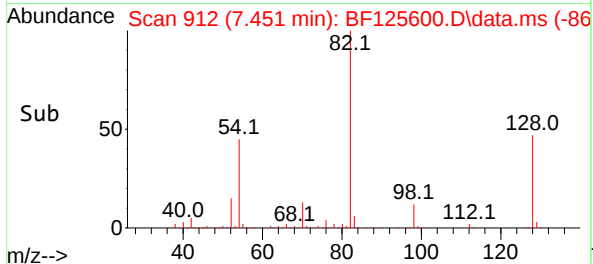
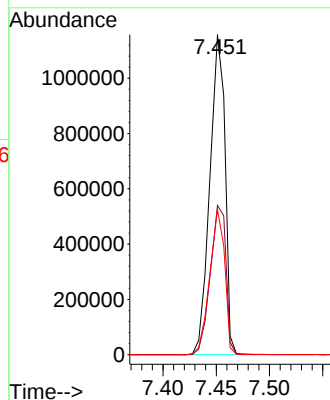
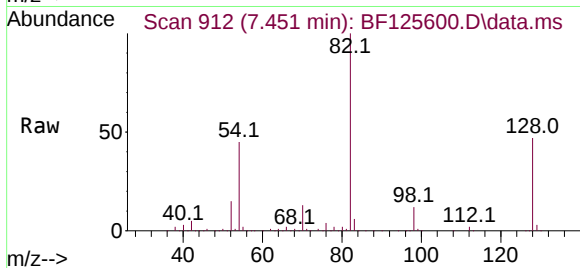
Ion	Ratio	Lower	Upper
82	100		
128	46.7	40.6	60.8
54	45.4	49.6	74.4#

Instrument :

BNA_F

ClientSampleId :

DKM-ENV-IG



#25

Isophorone

Concen: 38.786 ng

RT: 7.451 min Scan# 912

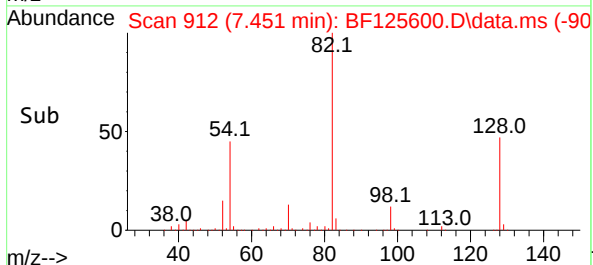
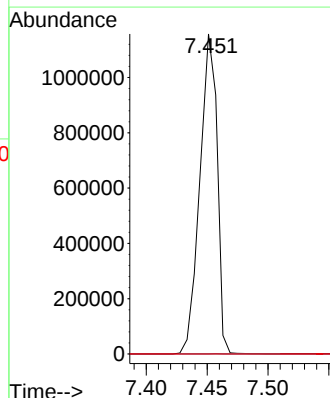
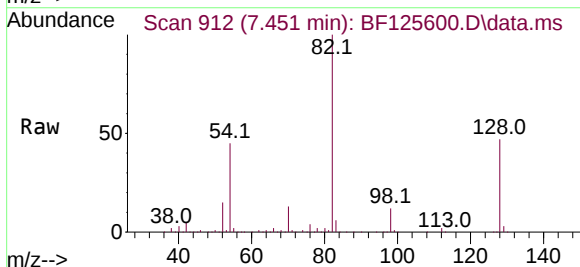
Delta R.T. -0.271 min

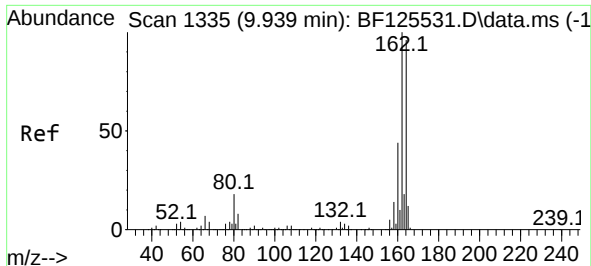
Lab File: BF125600.D

Acq: 23 Sep 2021 19:40

Tgt Ion: 82 Resp: 1144474

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.5	9.7#
138	0.0	18.4	27.6#

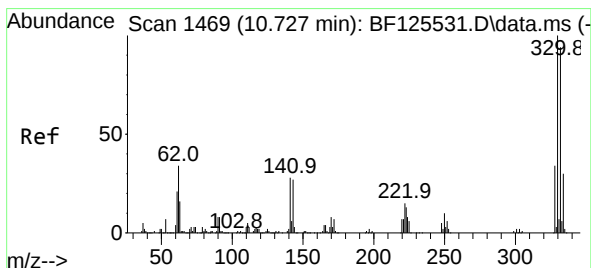
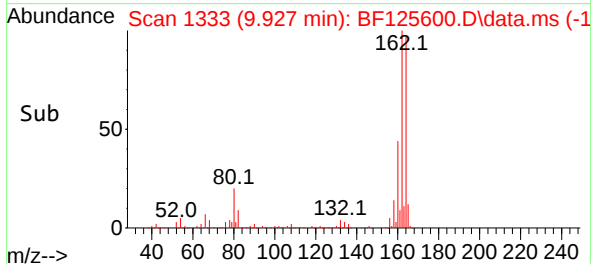
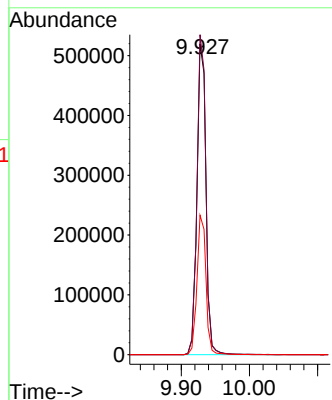
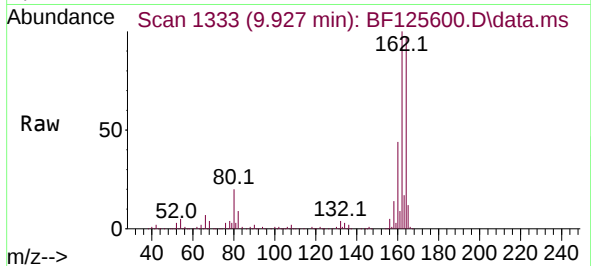




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.012 min
Lab File: BF125600.D
Acq: 23 Sep 2021 19:40

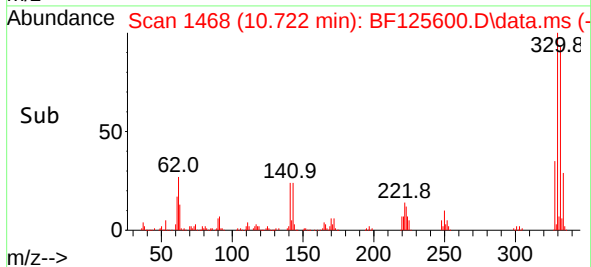
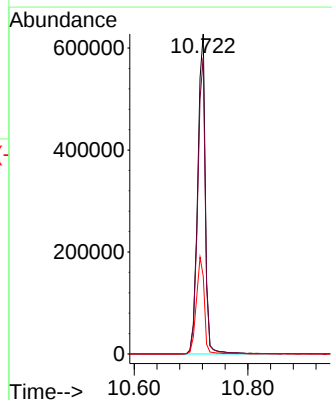
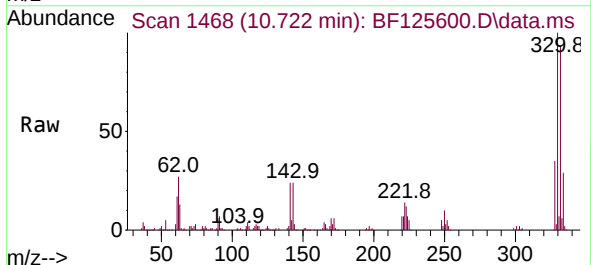
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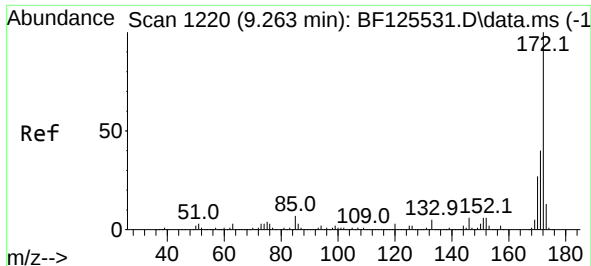
Tgt Ion:164 Resp: 471253
Ion Ratio Lower Upper
164 100
162 103.0 81.3 121.9
160 44.9 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 128.234 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF125600.D
Acq: 23 Sep 2021 19:40

Tgt Ion:330 Resp: 591899
Ion Ratio Lower Upper
330 100
332 92.8 76.2 114.4
141 31.5 44.6 66.8#

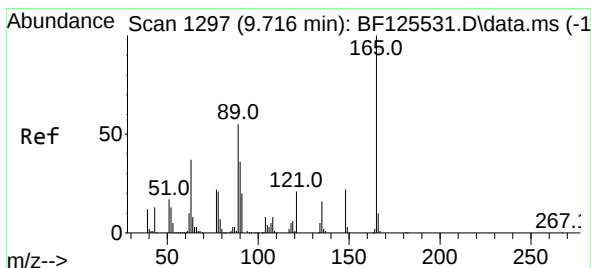
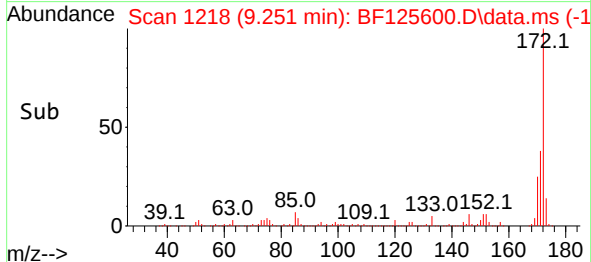
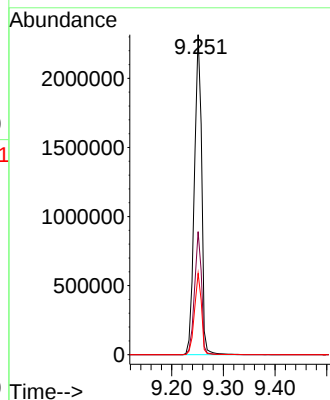
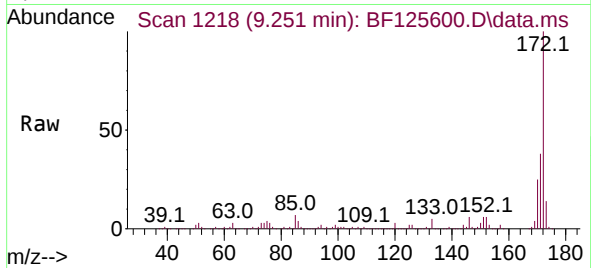




#45
2-Fluorobiphenyl
Concen: 87.214 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF125600.D
Acq: 23 Sep 2021 19:40

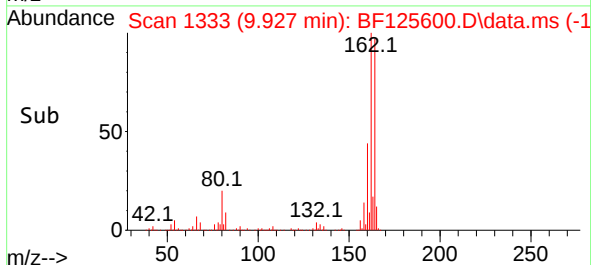
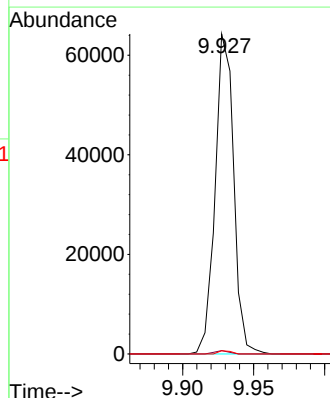
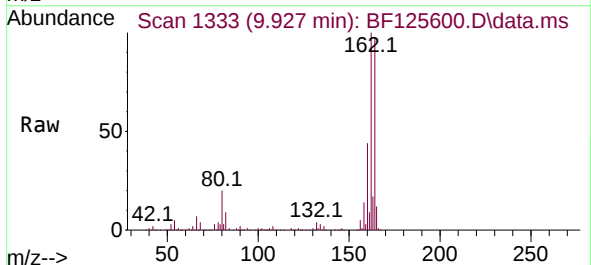
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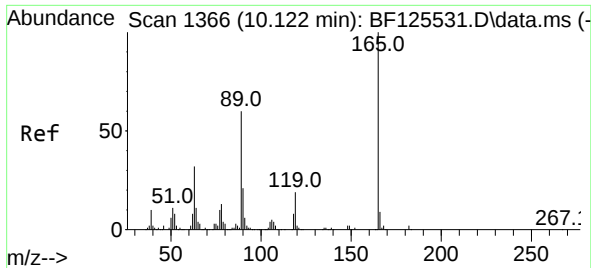
Tgt Ion:172 Resp: 2262577
Ion Ratio Lower Upper
172 100
171 38.5 26.5 39.7
170 25.4 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 9.049 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.212 min
Lab File: BF125600.D
Acq: 23 Sep 2021 19:40

Tgt Ion:165 Resp: 58389
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.0 40.6 60.8#

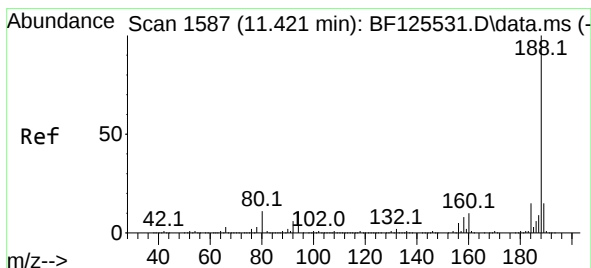
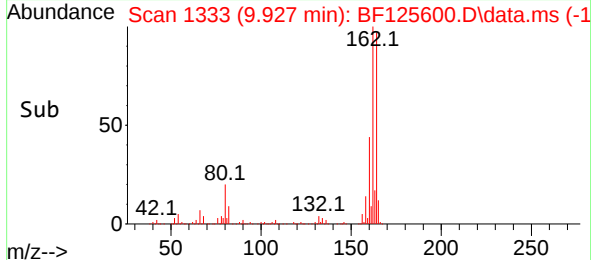
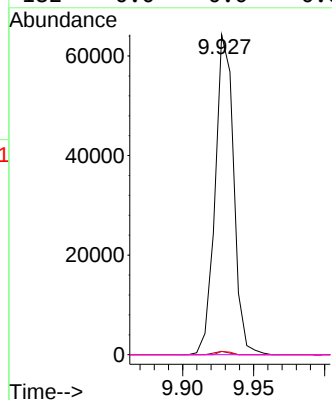
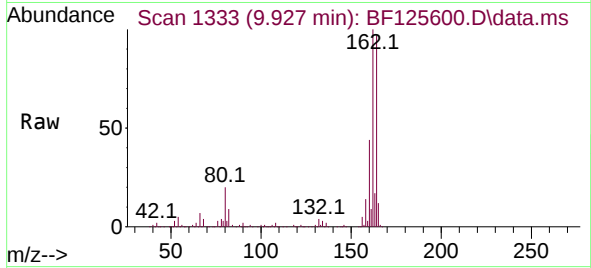




#57
2,4-Dinitrotoluene
Concen: 7.551 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF125600.D
Acq: 23 Sep 2021 19:40

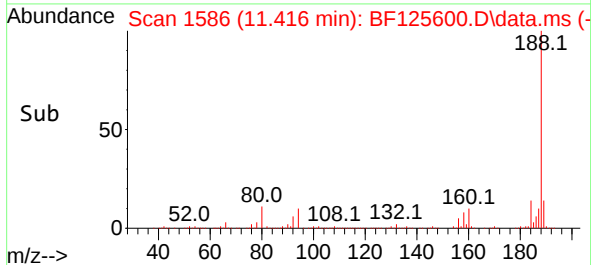
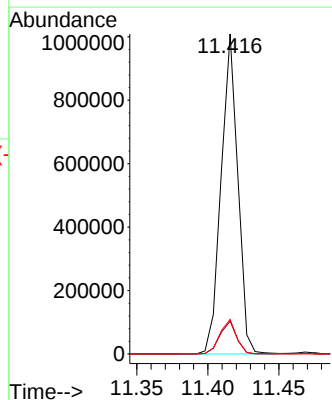
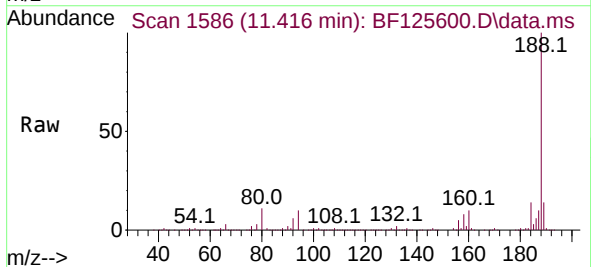
Instrument :
BNA_F
ClientSampleId :
DKM-ENV-IG

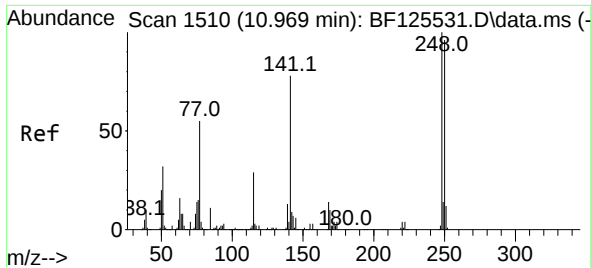
Tgt Ion:165	Resp:	58389
Ion Ratio	Lower	Upper
165	100	
63	1.0	40.9 61.3#
89	1.0	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125600.D
Acq: 23 Sep 2021 19:40

Tgt Ion:188	Resp:	825278
Ion Ratio	Lower	Upper
188	100	
94	10.2	6.7 10.1#
80	10.8	7.5 11.3

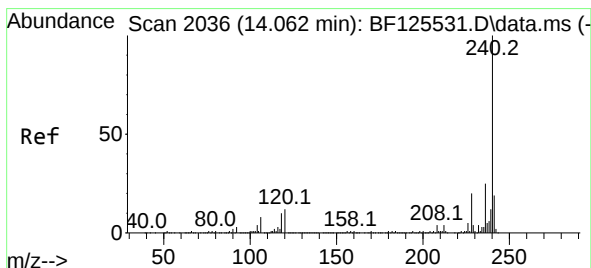
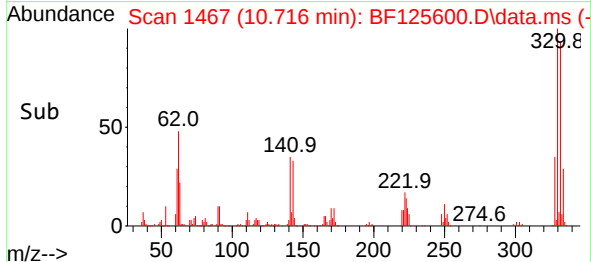
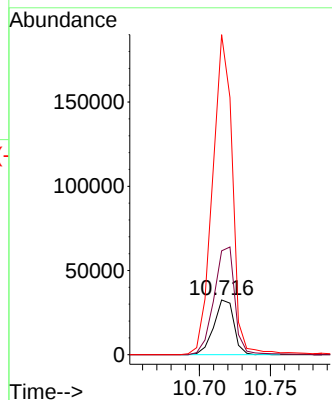
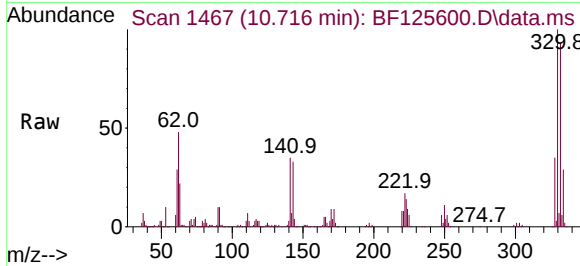




#67
4-Bromophenyl-phenylether
Concen: 3.406 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.253 min
Lab File: BF125600.D
Acq: 23 Sep 2021 19:40

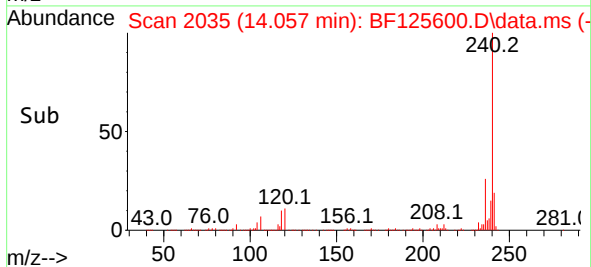
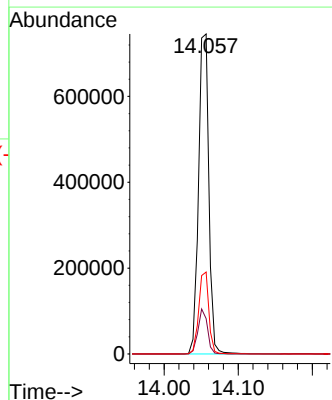
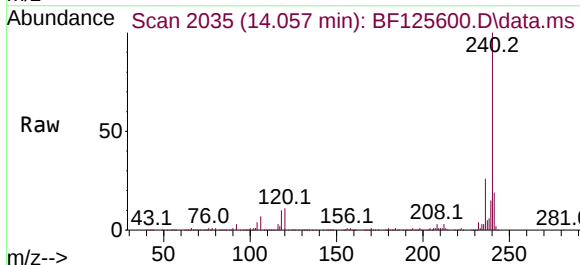
Instrument :
BNA_F
ClientSampleId :
DKM-ENV-IG

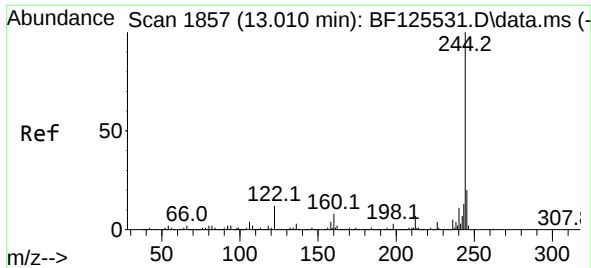
Tgt Ion:248 Resp: 32122
Ion Ratio Lower Upper
248 100
250 189.8 74.2 111.4#
141 584.7 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125600.D
Acq: 23 Sep 2021 19:40

Tgt Ion:240 Resp: 717800
Ion Ratio Lower Upper
240 100
120 11.1 10.8 16.2
236 25.6 21.6 32.4

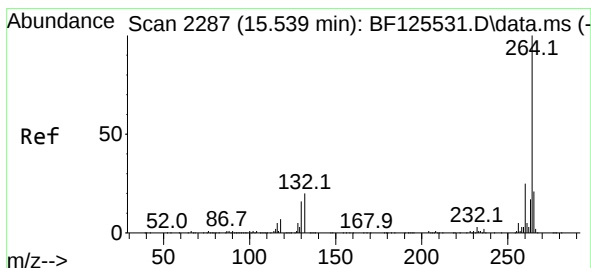
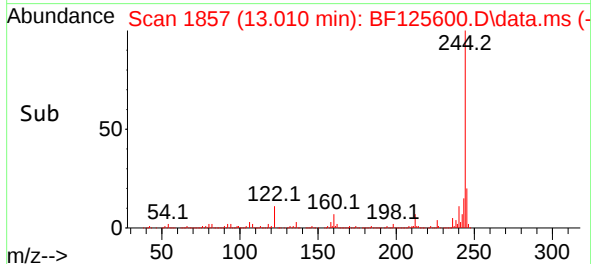
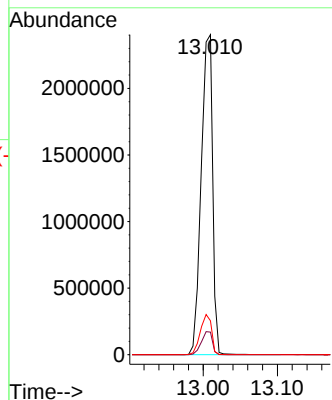
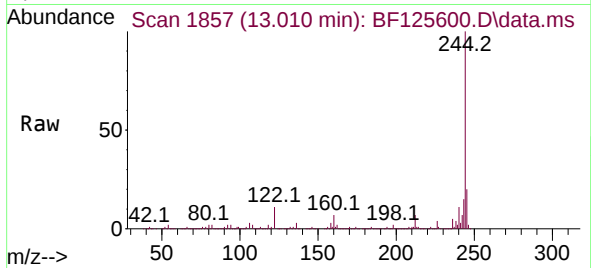




#79
 Terphenyl-d14
 Concen: 57.788 ng
 RT: 13.010 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: BF125600.D
 Acq: 23 Sep 2021 19:40

Instrument :
 BNA_F
 ClientSampleId :
 DKM-ENV-IG

Tgt Ion:244 Resp: 2568716
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 10.6 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: BF125600.D
 Acq: 23 Sep 2021 19:40

Tgt Ion:264 Resp: 655265
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.6 29.4
 265 20.9 17.2 25.8

