

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121020\
 Data File : BF122649.D
 Acq On : 10 Dec 2020 16:41
 Operator : JU/CG
 Sample : L5009-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KENS-B5-120920-DP

Quant Time: Dec 10 17:04:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 12:08:49 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

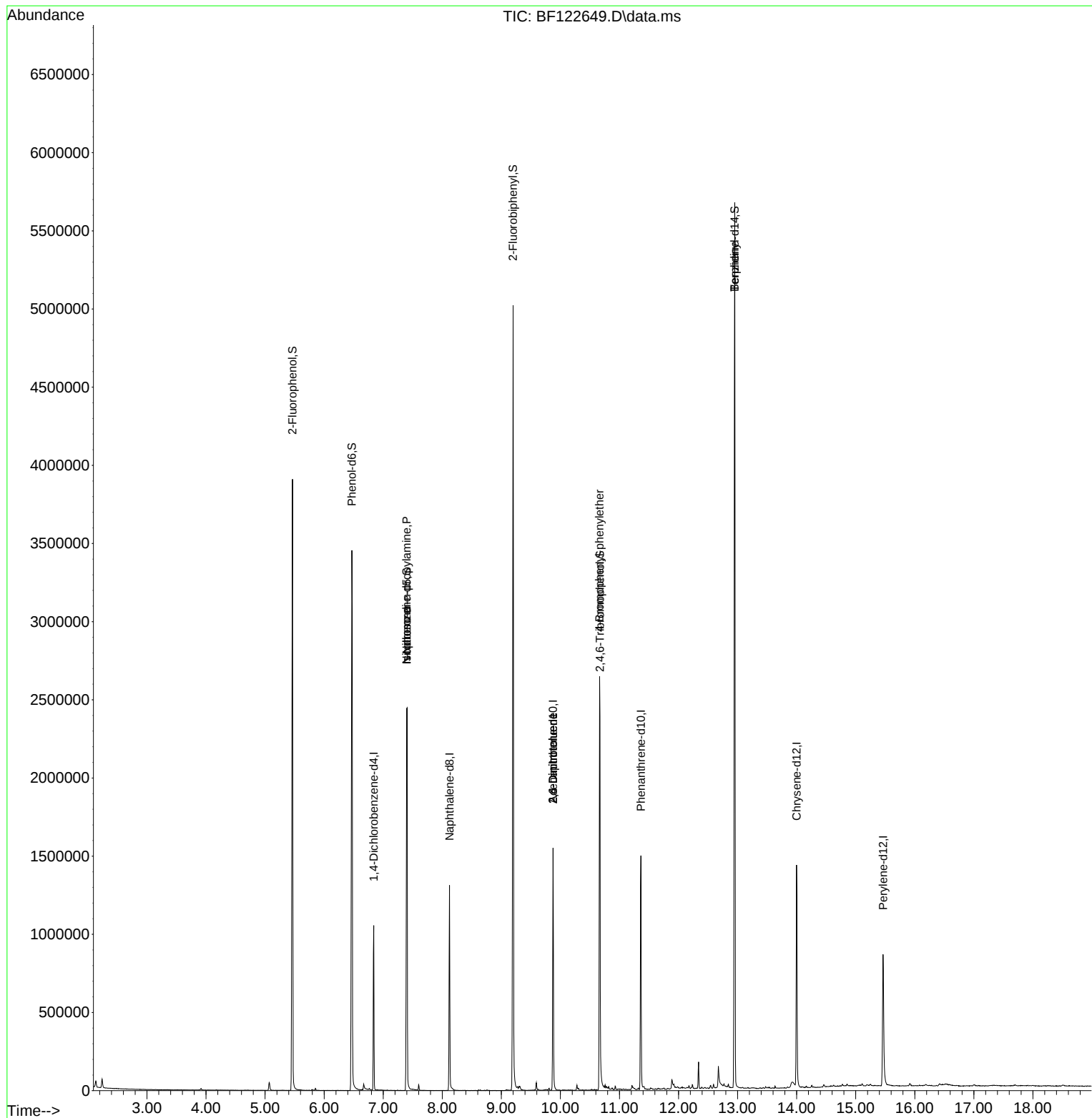
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	152966	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	602189	20.00	ng	0.00
39) Acenaphthene-d10	9.875	164	321405	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	595809	20.00	ng	0.00
76) Chrysene-d12	13.998	240	556920	20.00	ng	-0.01
86) Perylene-d12	15.463	264	482051	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1202274	124.43	ng	0.00
7) Phenol-d6	6.469	99	1520595	118.66	ng	-0.01
23) Nitrobenzene-d5	7.398	82	950994	79.12	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	419708	99.76	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1723919	72.55	ng	0.00
79) Terphenyl-d14	12.951	244	1992258	62.62	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.398	70	127048	17.31	ng	Qvalue # 79
25) Isophorone	7.398	82	935110	45.17	ng	# 65
51) 2,6-Dinitrotoluene	9.875	165	41099	7.58	ng	# 31
57) 2,4-Dinitrotoluene	9.875	165	41099	5.69	ng	# 25
67) 4-Bromophenyl-phenylether	10.663	248	25868	3.20	ng	# 1
77) Benzidine	12.951	184	25233	2.09	ng	# 91

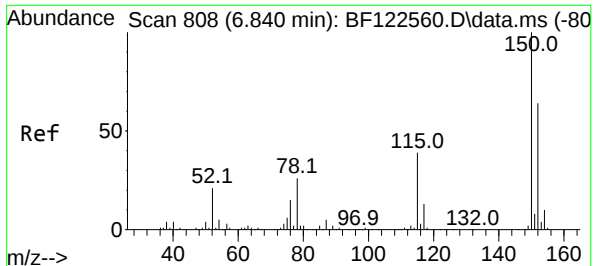
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121020\
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KENS-B5-120920-DP

Quant Time: Dec 10 17:04:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration

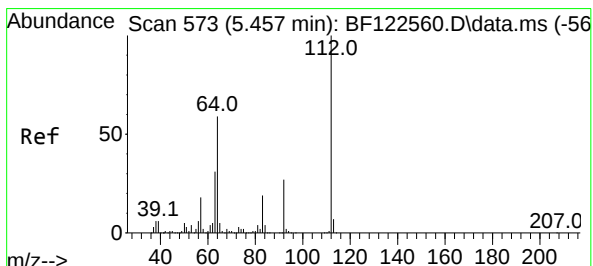
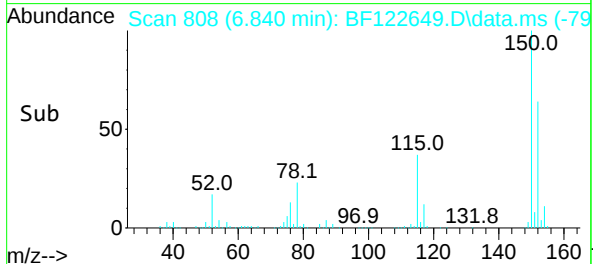
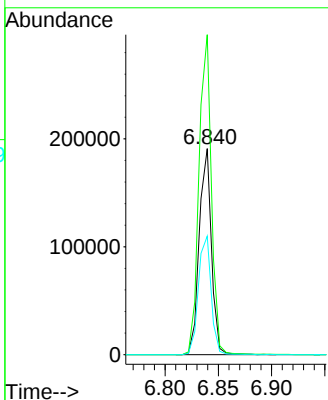
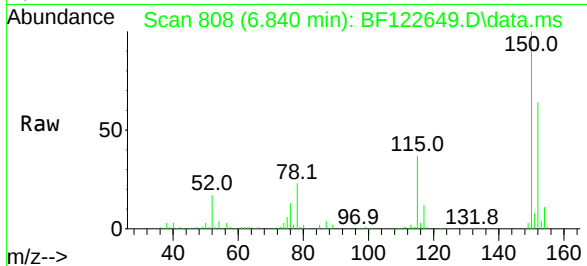




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF122649.D
Acq: 10 Dec 2020 16:41

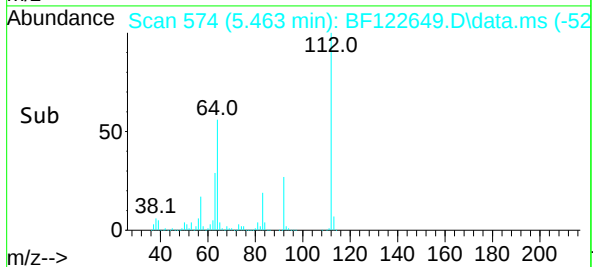
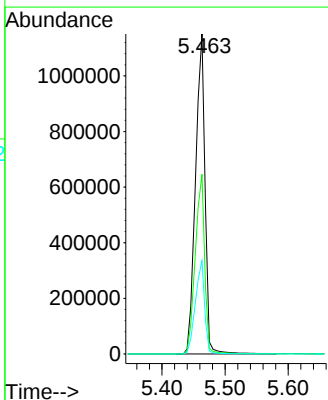
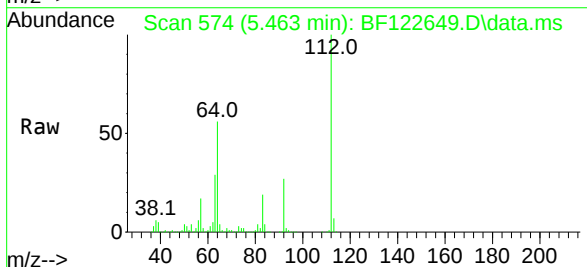
Instrument :
BNA_F
ClientSampleId :
KENS-B5-120920-DP

Tgt Ion:152 Resp: 152966
Ion Ratio Lower Upper
152 100
150 155.2 125.8 188.6
115 57.5 49.3 73.9



#5
2-Fluorophenol
Concen: 124.43 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.006 min
Lab File: BF122649.D
Acq: 10 Dec 2020 16:41

Tgt Ion:112 Resp: 1202274
Ion Ratio Lower Upper
112 100
64 56.1 46.9 70.3
63 29.1 24.5 36.7

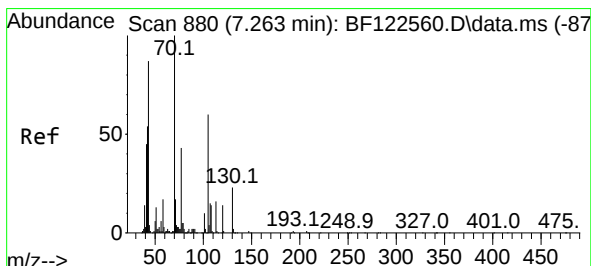
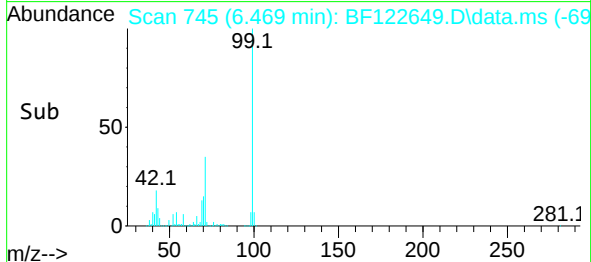
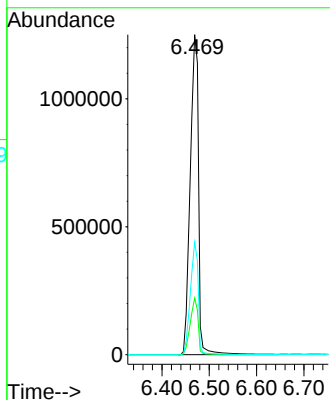
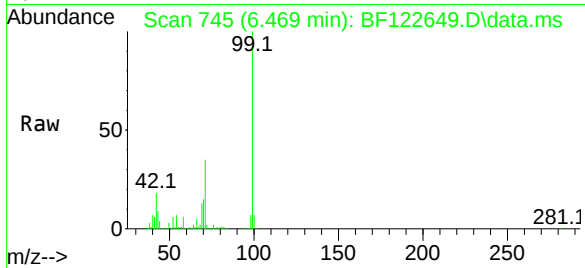




#7
Phenol-d6
Concen: 118.66 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF122649.D
Acq: 10 Dec 2020 16:41

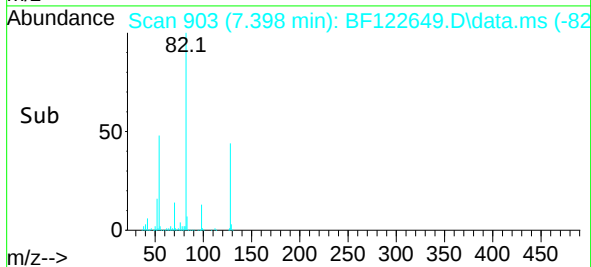
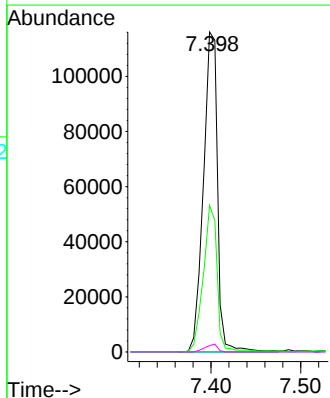
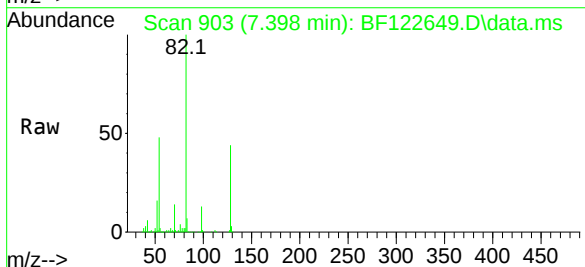
Instrument :
BNA_F
ClientSampleId :
KENS-B5-120920-DP

Tgt Ion: 99 Resp: 1520595
Ion Ratio Lower Upper
99 100
42 17.7 13.8 20.6
71 35.2 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.31 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF122649.D
Acq: 10 Dec 2020 16:41

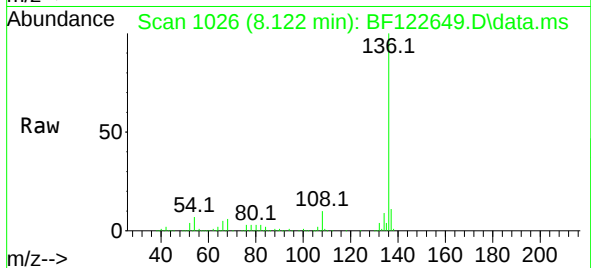
Tgt Ion: 70 Resp: 127048
Ion Ratio Lower Upper
70 100
42 45.8 43.0 64.4
101 0.0 7.9 11.9#
130 2.0 18.5 27.7#



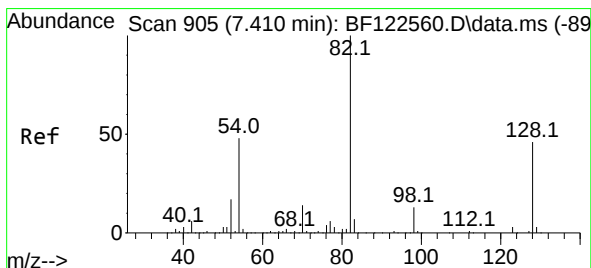
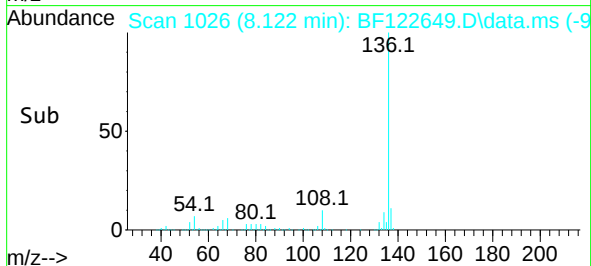
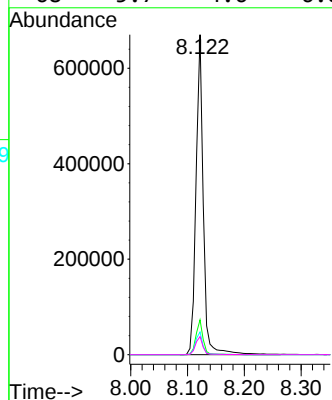


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122649.D
Acq: 10 Dec 2020 16:41

Instrument :
BNA_F
ClientSampleId :
KENS-B5-120920-DP

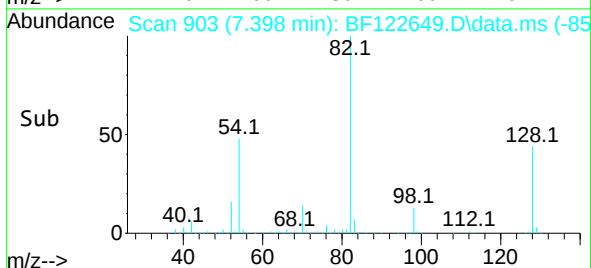
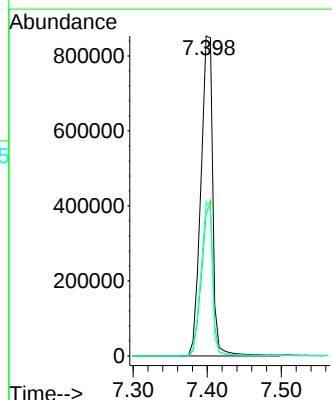
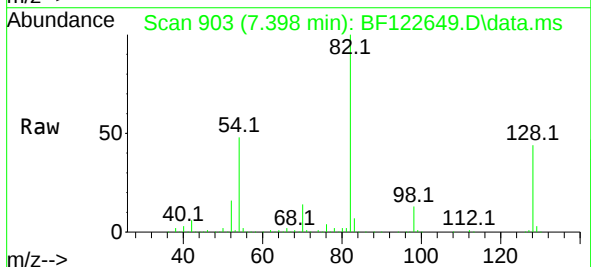


Tgt Ion:136 Resp: 602189
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.1 5.5 8.3
68 5.7 4.6 6.8



#23
Nitrobenzene-d5
Concen: 79.12 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF122649.D
Acq: 10 Dec 2020 16:41

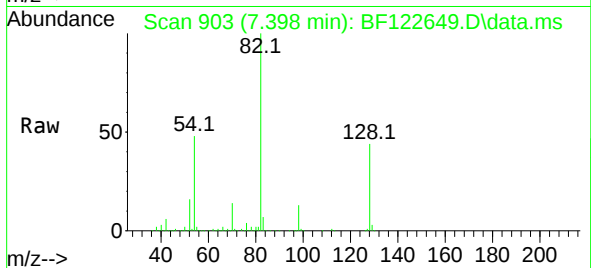
Tgt Ion: 82 Resp: 950994
Ion Ratio Lower Upper
82 100
128 44.3 37.0 55.4
54 48.2 38.4 57.6



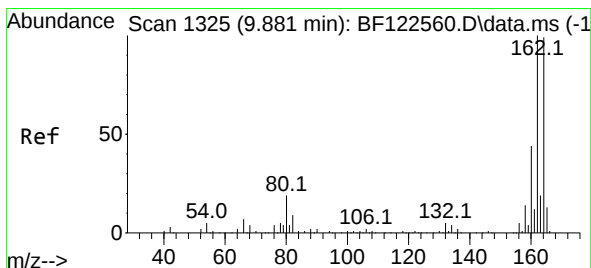
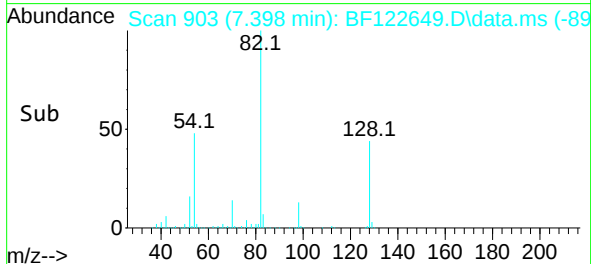
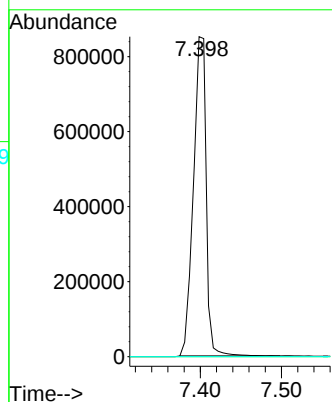


#25
Isophorone
Concen: 45.17 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.271 min
Lab File: BF122649.D
Acq: 10 Dec 2020 16:41

Instrument :
BNA_F
ClientSampleId :
KENS-B5-120920-DP

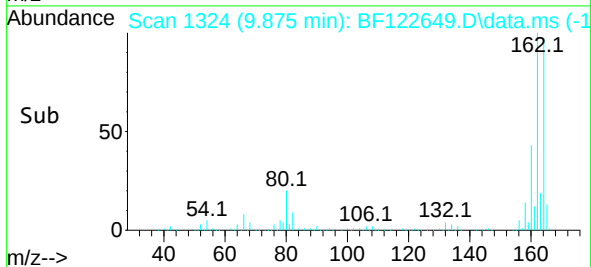
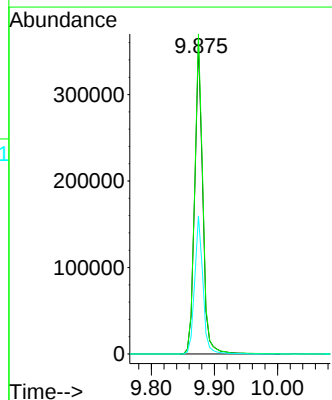
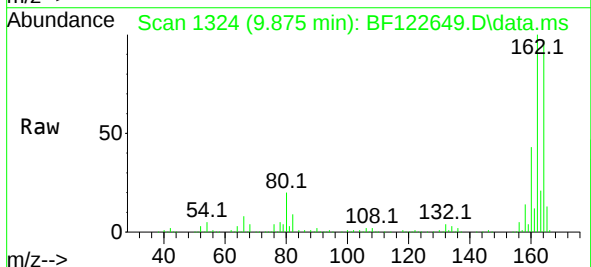


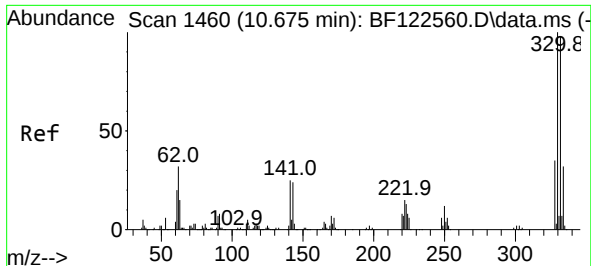
Tgt Ion: 82 Resp: 935110
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF122649.D
Acq: 10 Dec 2020 16:41

Tgt Ion: 164 Resp: 321405
Ion Ratio Lower Upper
164 100
162 102.7 80.8 121.2
160 44.3 35.4 53.0

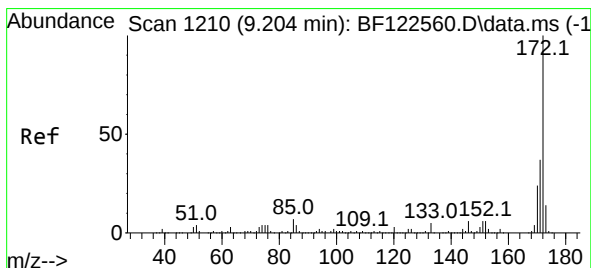
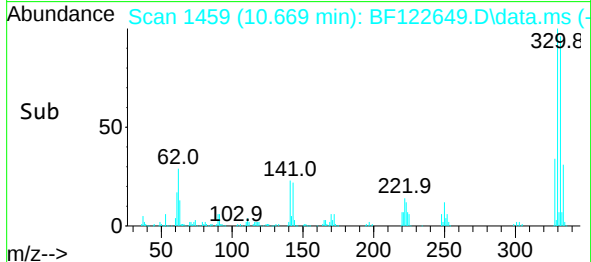
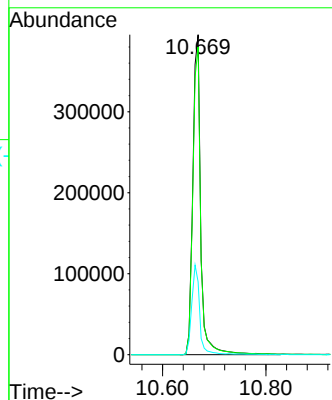
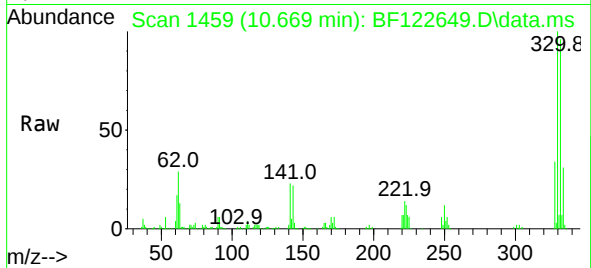




#42
2,4,6-Tribromophenol
Concen: 99.76 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF122649.D
Acq: 10 Dec 2020 16:41

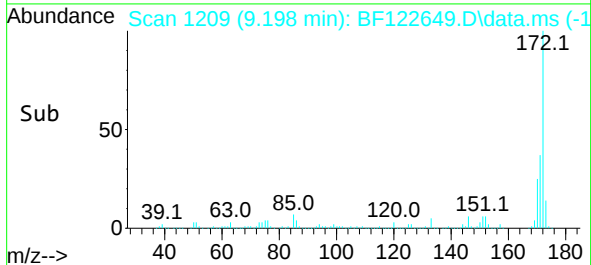
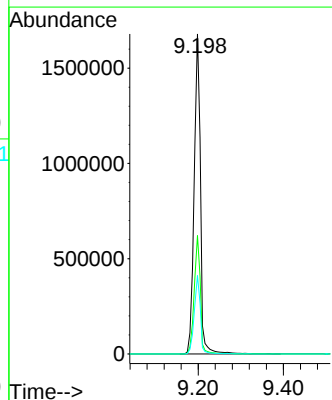
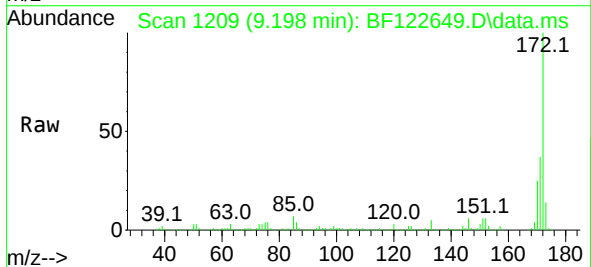
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ClientSampleId :
KENS-B5-120920-DP

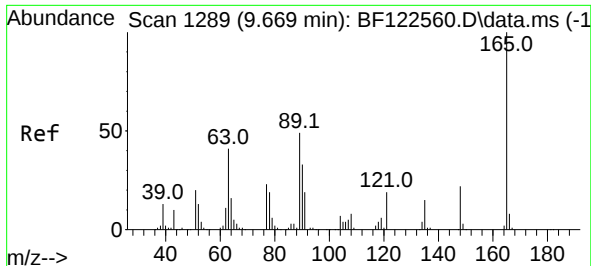
Tgt Ion: 330 Resp: 419708
Ion Ratio Lower Upper
330 100
332 96.7 77.5 116.3
141 28.3 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 72.55 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122649.D
Acq: 10 Dec 2020 16:41

Tgt Ion: 172 Resp: 1723919
Ion Ratio Lower Upper
172 100
171 37.0 29.6 44.4
170 24.5 19.5 29.3

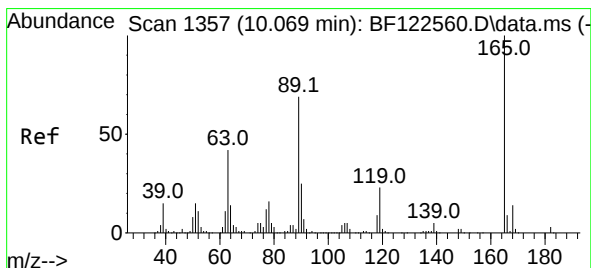
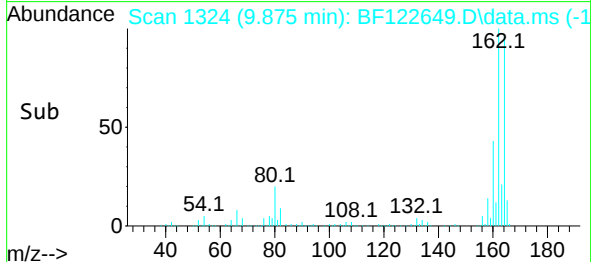
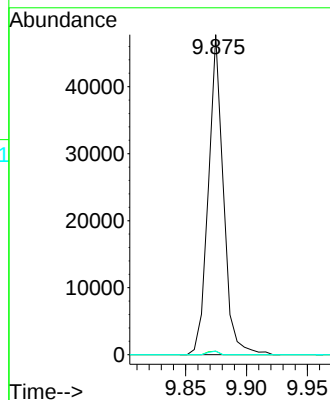
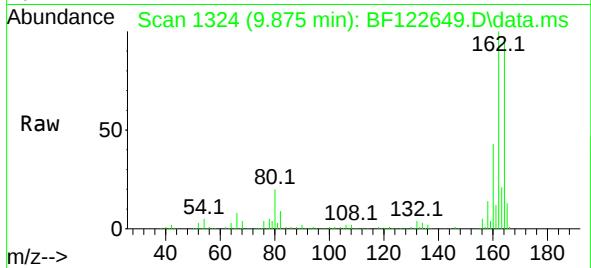




#51
2,6-Dinitrotoluene
Concen: 7.58 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122649.D
Acq: 10 Dec 2020 16:41

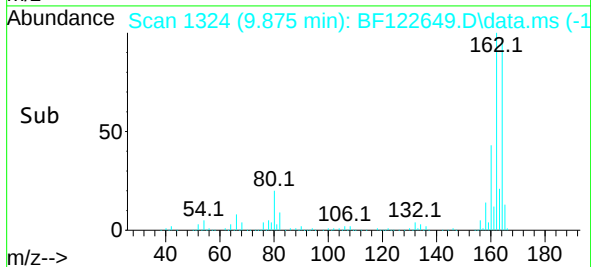
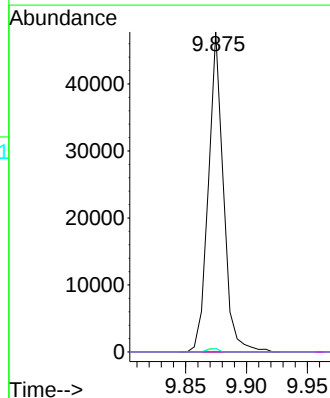
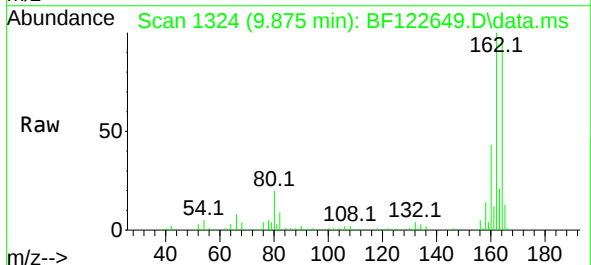
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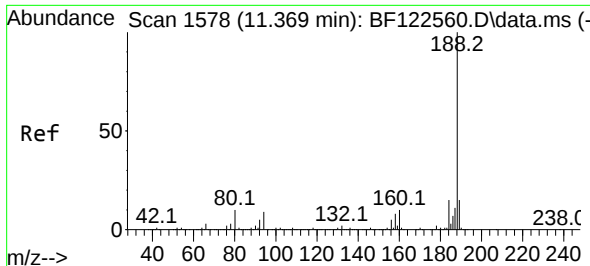
Tgt Ion:165 Resp: 41099
Ion Ratio Lower Upper
165 100
63 1.1 36.6 55.0#
89 1.1 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.69 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122649.D
Acq: 10 Dec 2020 16:41

Tgt Ion:165 Resp: 41099
Ion Ratio Lower Upper
165 100
63 1.1 34.3 51.5#
89 1.1 55.2 82.8#
182 0.0 2.2 3.2#

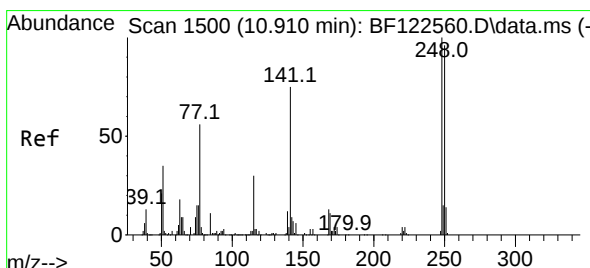
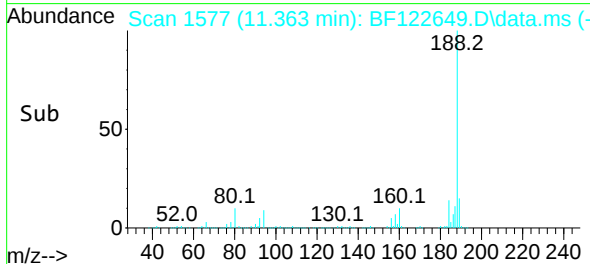
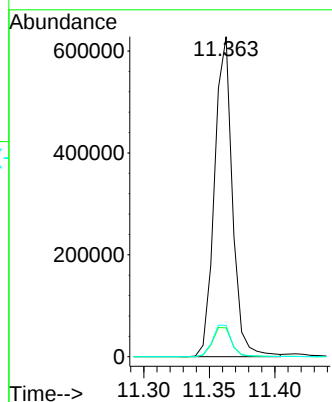
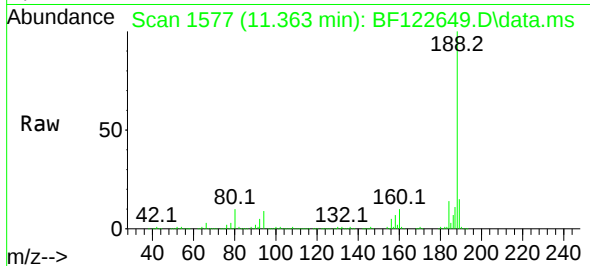




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122649.D
Acq: 10 Dec 2020 16:41

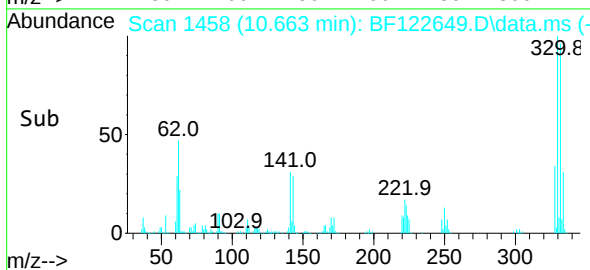
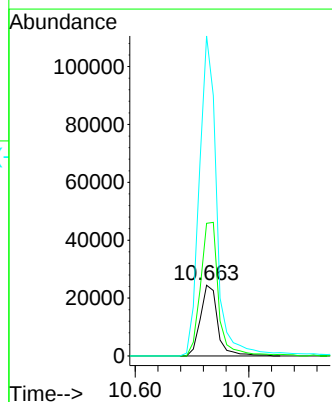
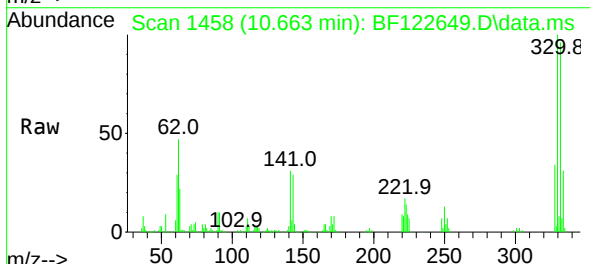
Instrument :
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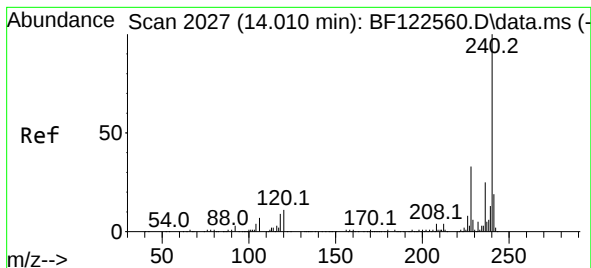
Tgt Ion:188 Resp: 595809
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 9.8 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 3.20 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.247 min
Lab File: BF122649.D
Acq: 10 Dec 2020 16:41

Tgt Ion:248 Resp: 25868
Ion Ratio Lower Upper
248 100
250 187.3 76.8 115.2#
141 452.0 59.8 89.8#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 13.998 min Scan# 2025

Delta R.T. -0.012 min

Lab File: BF122649.D

Acq: 10 Dec 2020 16:41

Tgt Ion:240 Resp: 556920

Ion Ratio Lower Upper

240 100

120 12.0 8.6 12.8

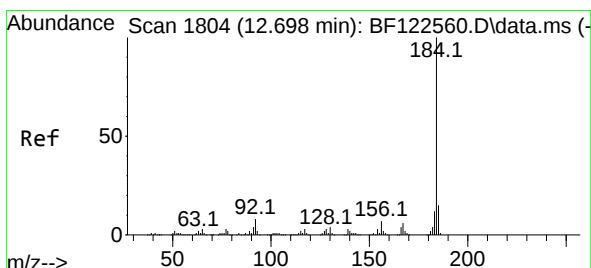
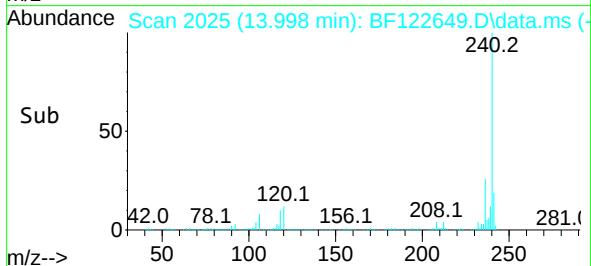
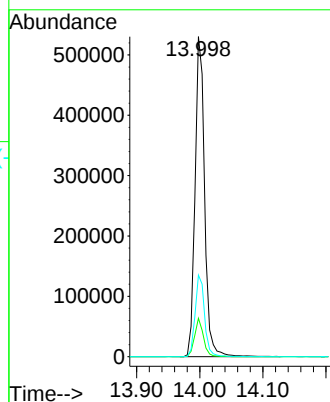
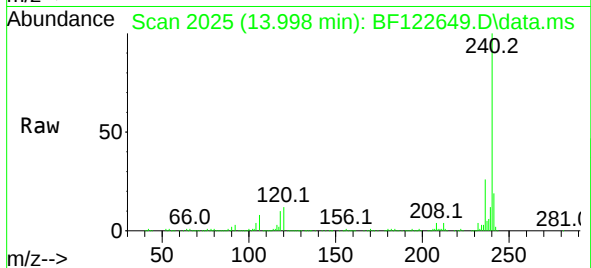
236 25.5 20.3 30.5

Instrument :

BNA_F

ClientSampleId :

KENS-B5-120920-DP



#77

Benzidine

Concen: 2.09 ng

RT: 12.951 min Scan# 1847

Delta R.T. 0.253 min

Lab File: BF122649.D

Acq: 10 Dec 2020 16:41

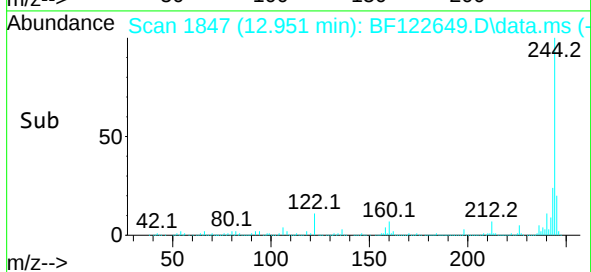
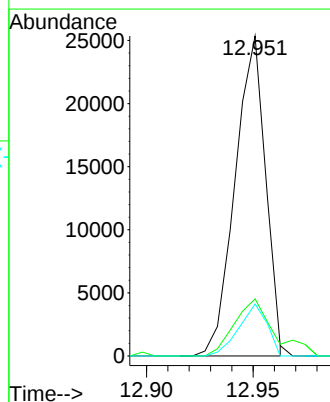
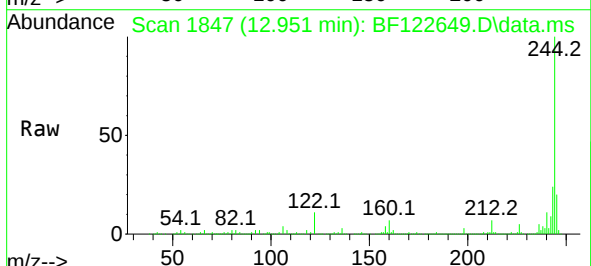
Tgt Ion:184 Resp: 25233

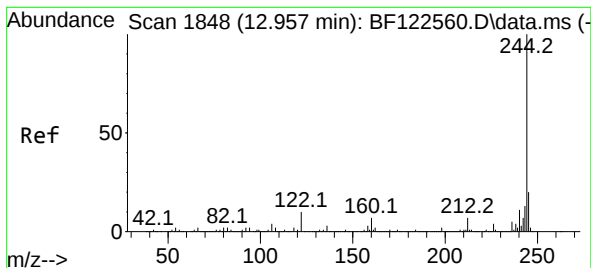
Ion Ratio Lower Upper

184 100

185 17.9 11.8 17.6#

183 16.3 9.7 14.5#





#79

Terphenyl-d14

Concen: 62.62 ng

RT: 12.951 min Scan# 1847

Delta R.T. -0.006 min

Lab File: BF122649.D

Acq: 10 Dec 2020 16:41

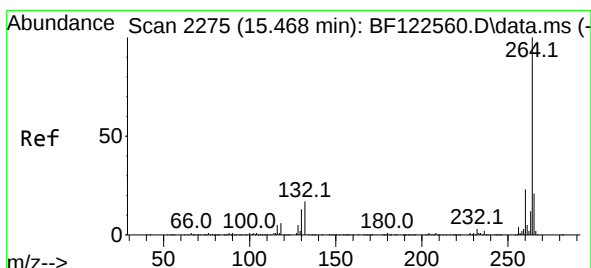
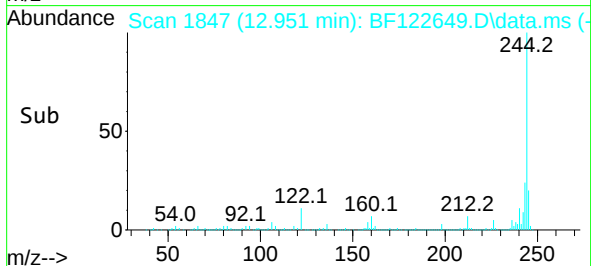
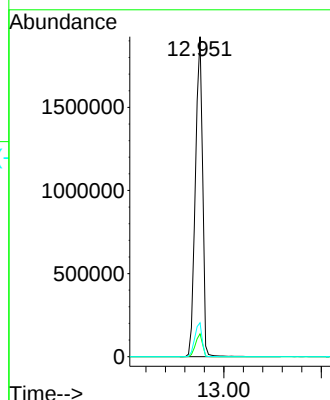
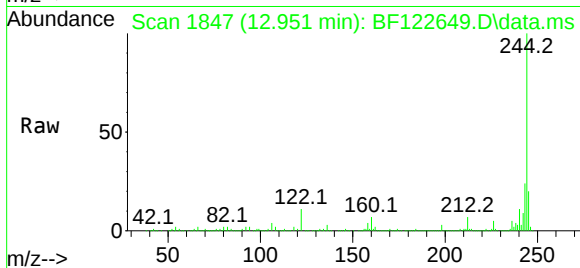
Tgt Ion:244 Resp: 1992258

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 10.6 8.3 12.5



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.463 min Scan# 2274

Delta R.T. -0.006 min

Lab File: BF122649.D

Acq: 10 Dec 2020 16:41

Tgt Ion:264 Resp: 482051

Ion Ratio Lower Upper

264 100

260 22.3 18.6 28.0

265 21.3 17.0 25.6

