

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121220\
 Data File : BF122680.D
 Acq On : 12 Dec 2020 16:08
 Operator : JU/CG
 Sample : L5043-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KENS-SS1-121020-0-7

Quant Time: Dec 13 23:44:25 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)

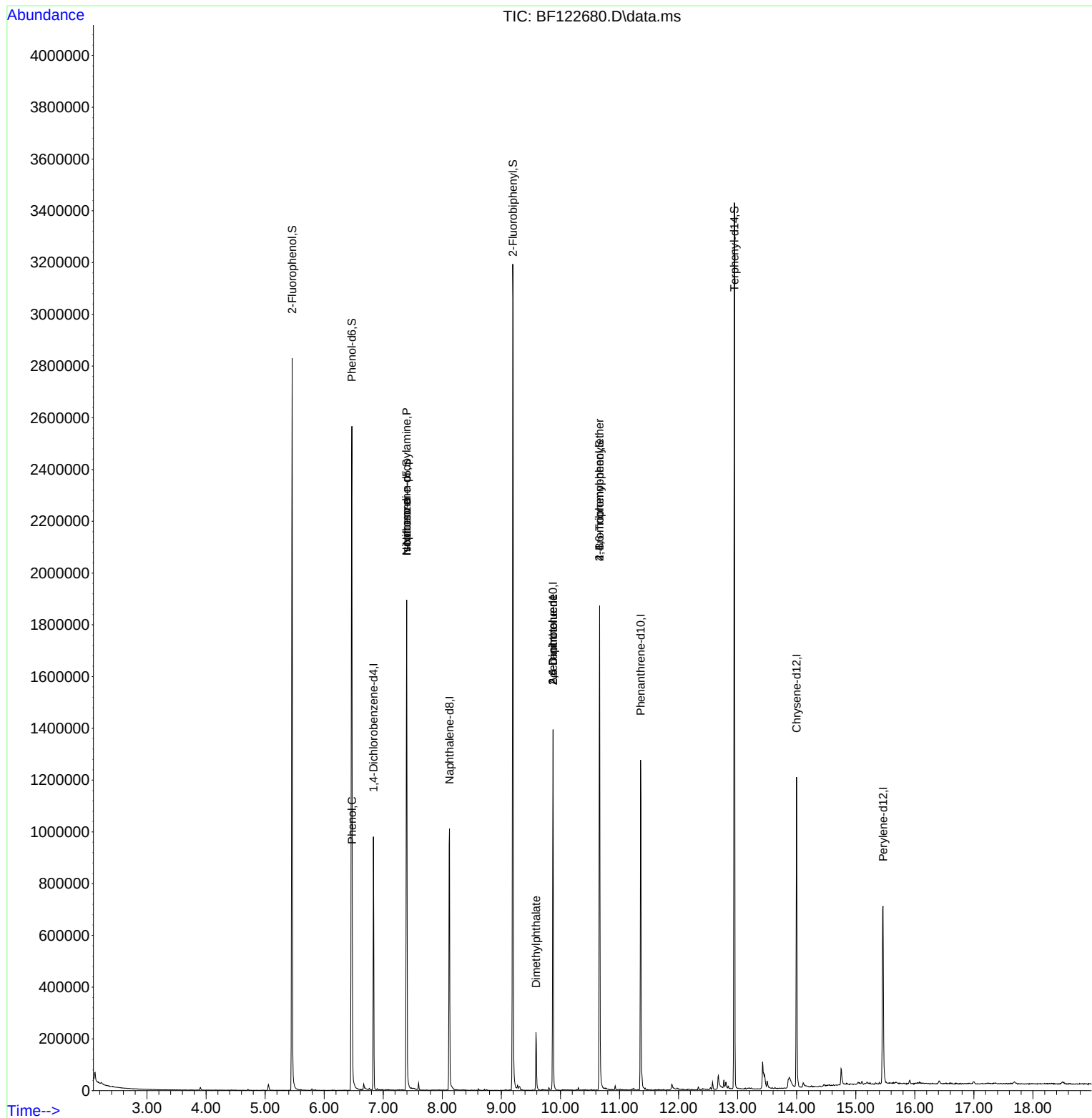
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	138131	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	533331	20.00	ng	0.00
39) Acenaphthene-d10	9.875	164	277275	20.00	ng	0.00
64) Phenanthrene-d10	11.357	188	498695	20.00	ng	-0.01
76) Chrysene-d12	13.998	240	419477	20.00	ng	-0.01
86) Perylene-d12	15.462	264	358900	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	807297	92.53	ng	0.00
7) Phenol-d6	6.469	99	996700	86.13	ng	-0.01
23) Nitrobenzene-d5	7.398	82	622678	58.50	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	250392	68.99	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1137400	55.48	ng	0.00
79) Terphenyl-d14	12.945	244	1084464	45.25	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.475	94	60759	5.07	ng	96
19) n-Nitroso-di-n-propyla...	7.398	70	81002	12.22	ng	# 76
25) Isophorone	7.398	82	609833	33.26	ng	# 65
50) Dimethylphthalate	9.586	163	106909	4.83	ng	99
51) 2,6-Dinitrotoluene	9.875	165	34774	7.44	ng	# 31
57) 2,4-Dinitrotoluene	9.875	165	34774	5.58	ng	# 25
67) 4-Bromophenyl-phenylether	10.663	248	15545	2.30	ng	# 1

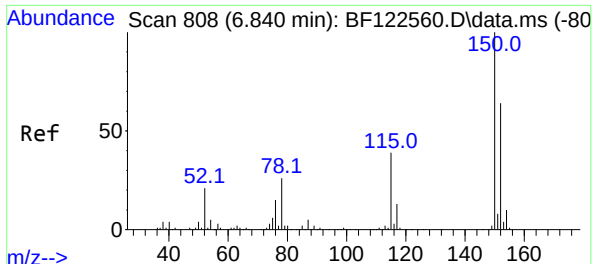
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121220\
Data File : BF122680.D
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Sample : L5043-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Dec 13 23:44:25 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

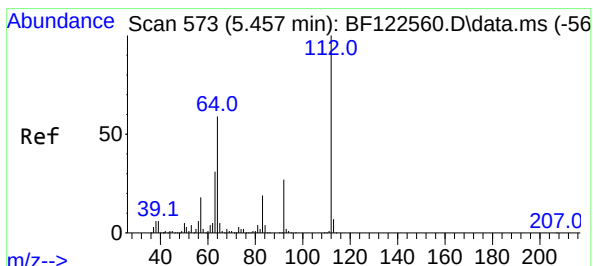
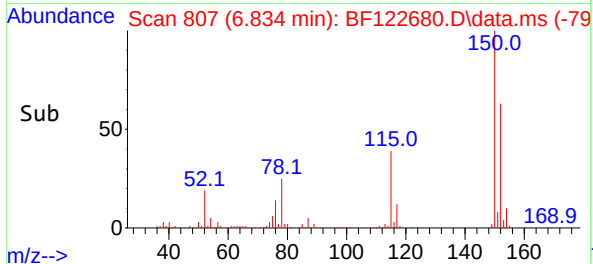
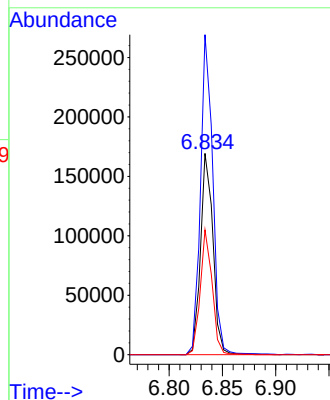
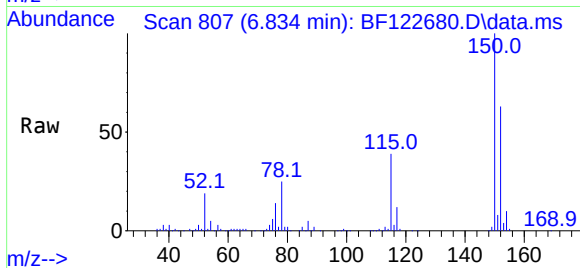




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF122680.D
Acq: 12 Dec 2020 16:08

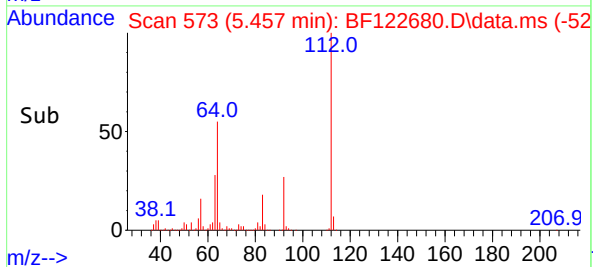
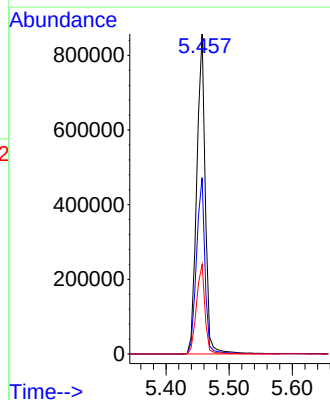
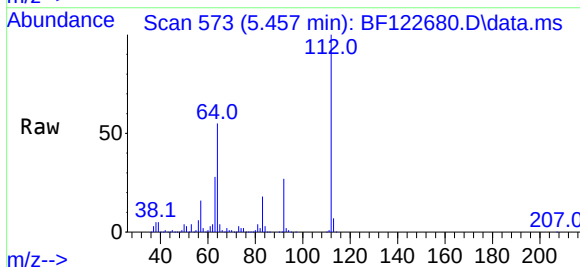
Instrument :
BNA_F
ClientSampleId :
KENS-SS1-121020-0-7

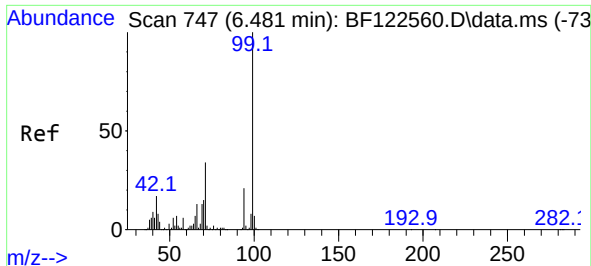
Tgt Ion:152 Resp: 138131
Ion Ratio Lower Upper
152 100
150 159.0 125.8 188.6
115 62.0 49.3 73.9



#5
2-Fluorophenol
Concen: 92.53 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.000 min
Lab File: BF122680.D
Acq: 12 Dec 2020 16:08

Tgt Ion:112 Resp: 807297
Ion Ratio Lower Upper
112 100
64 55.1 46.9 70.3
63 28.0 24.5 36.7

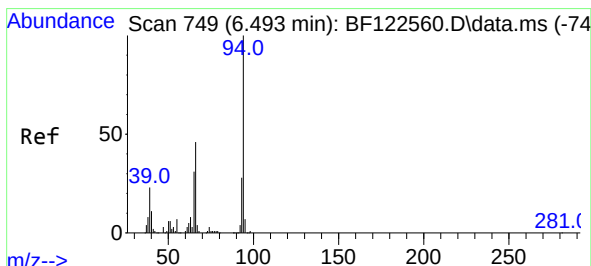
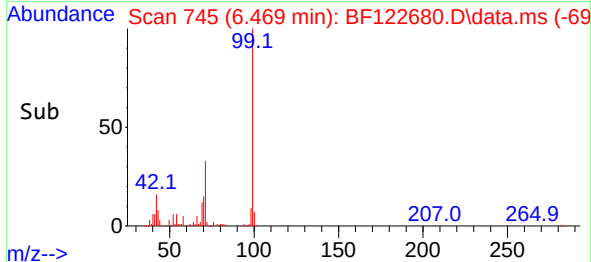
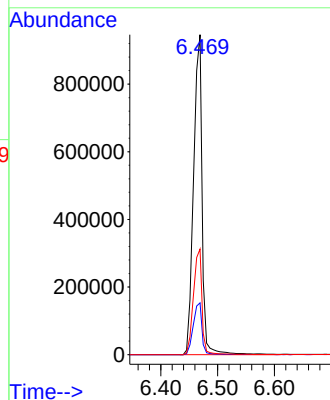
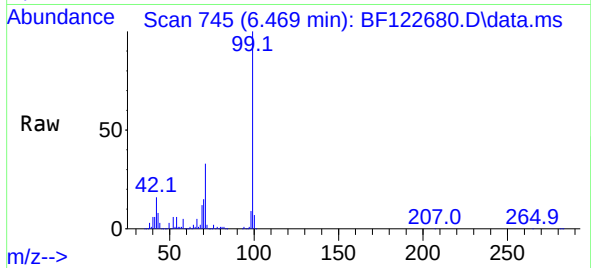




#7
Phenol-d6
Concen: 86.13 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF122680.D
Acq: 12 Dec 2020 16:08

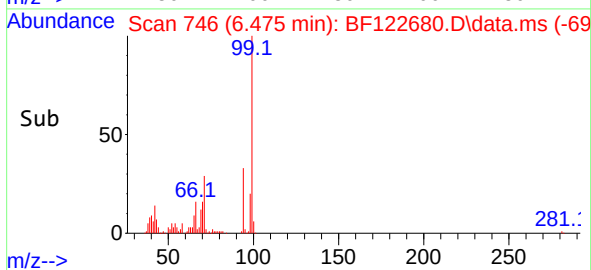
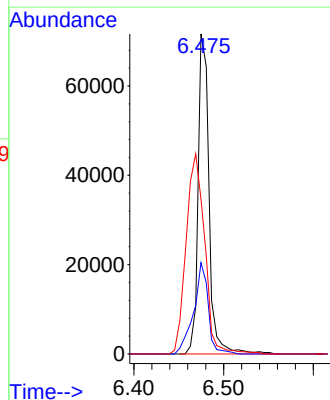
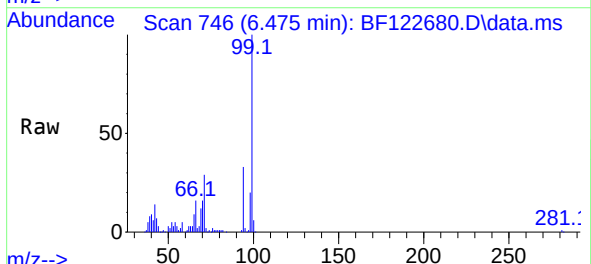
Instrument :
BNA_F
ClientSampleId :
KENS-SS1-121020-0-7

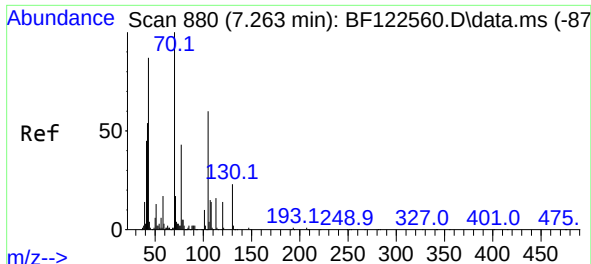
Tgt Ion: 99 Resp: 996700
Ion Ratio Lower Upper
99 100
42 16.2 13.8 20.6
71 33.0 26.9 40.3



#10
Phenol
Concen: 5.07 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.018 min
Lab File: BF122680.D
Acq: 12 Dec 2020 16:08

Tgt Ion: 94 Resp: 60759
Ion Ratio Lower Upper
94 100
65 28.5 11.2 51.2
66 48.4 25.8 65.8

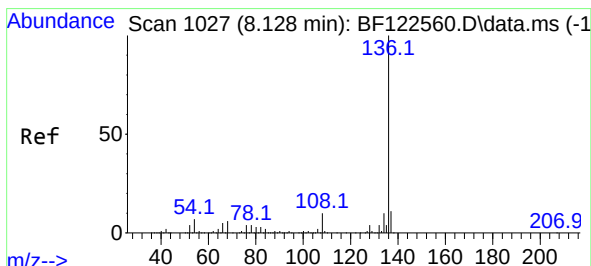
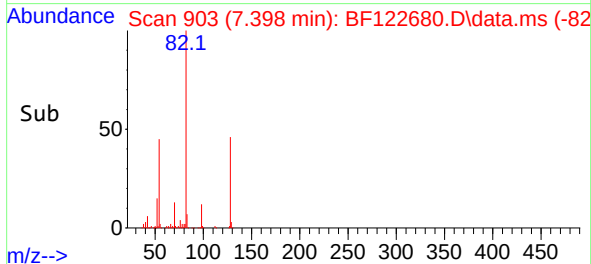
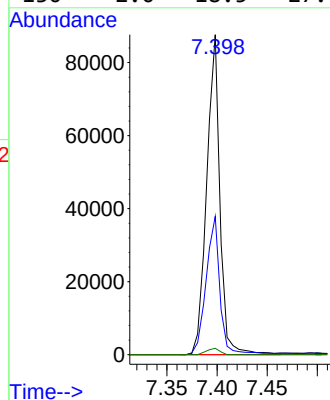
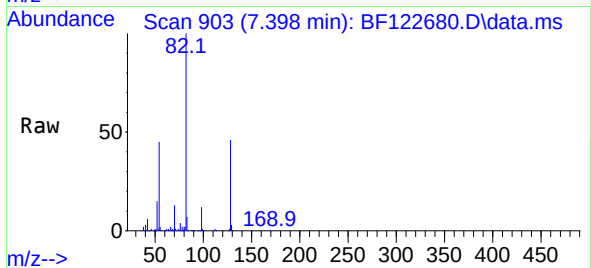




#19
n-Nitroso-di-n-propylamine
Concen: 12.22 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF122680.D
Acq: 12 Dec 2020 16:08

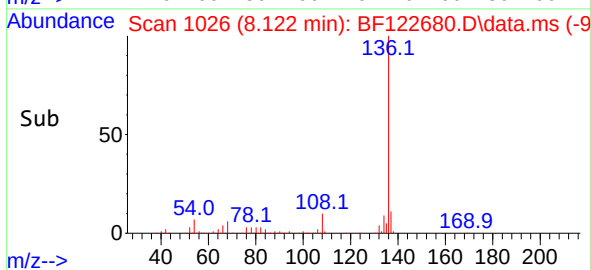
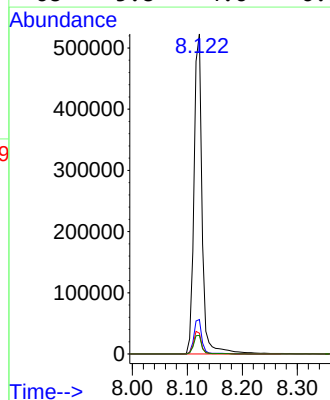
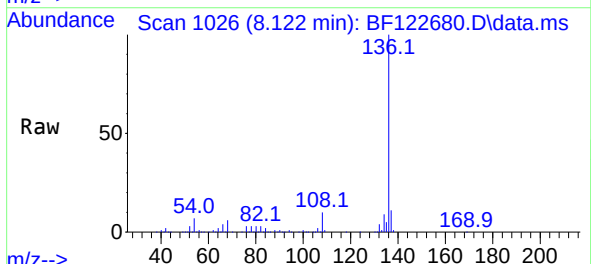
Instrument :
BNA_F
ClientSampleId :
KENS-SS1-121020-0-7

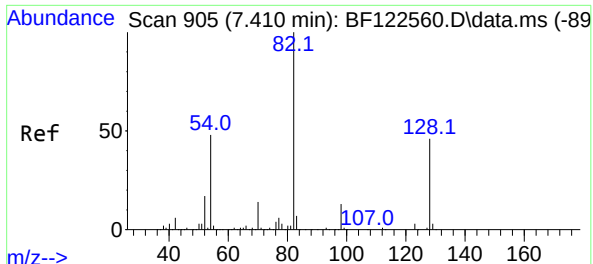
Tgt Ion: 70	Resp: 81002
Ion Ratio	Lower Upper
70 100	
42 43.2	43.0 64.4
101 0.0	7.9 11.9#
130 2.0	18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122680.D
Acq: 12 Dec 2020 16:08

Tgt Ion: 136	Resp: 533331
Ion Ratio	Lower Upper
136 100	
137 10.7	8.8 13.2
54 6.5	5.5 8.3
68 5.8	4.6 6.8





#23

Nitrobenzene-d5

Concen: 58.50 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.012 min

Lab File: BF122680.D

Acq: 12 Dec 2020 16:08

Tgt Ion: 82 Resp: 622678

Ion Ratio Lower Upper

82 100

128 46.2 37.0 55.4

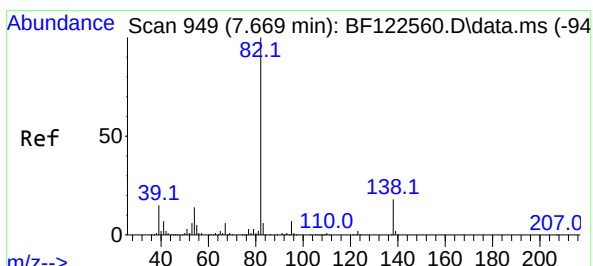
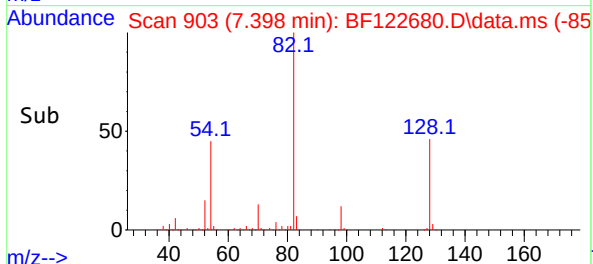
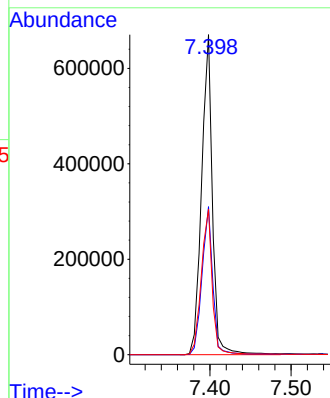
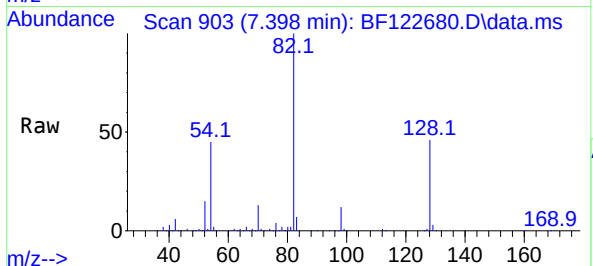
54 45.4 38.4 57.6

Instrument :

BNA_F

ClientSampleId :

KENS-SS1-121020-0-7



#25

Isophorone

Concen: 33.26 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.271 min

Lab File: BF122680.D

Acq: 12 Dec 2020 16:08

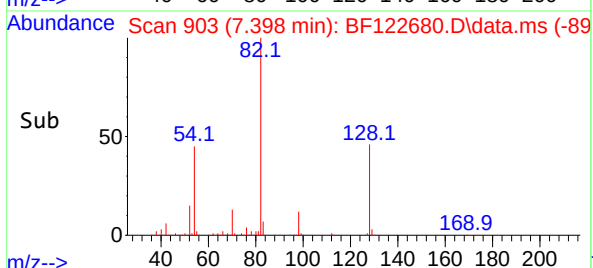
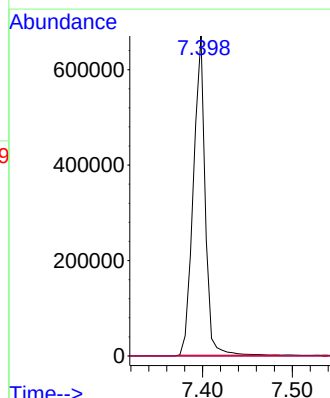
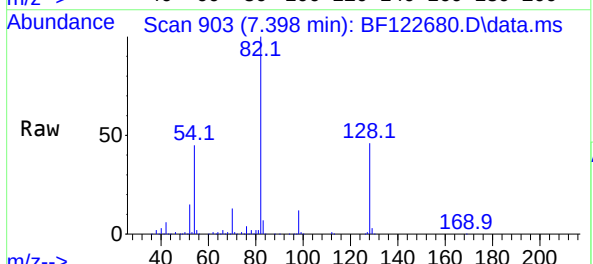
Tgt Ion: 82 Resp: 609833

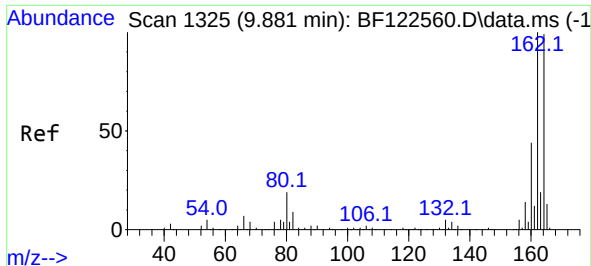
Ion Ratio Lower Upper

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: BF122680.D

Acq: 12 Dec 2020 16:08

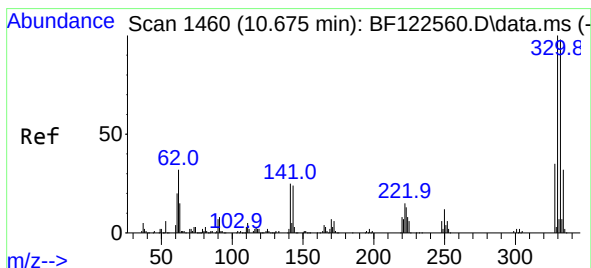
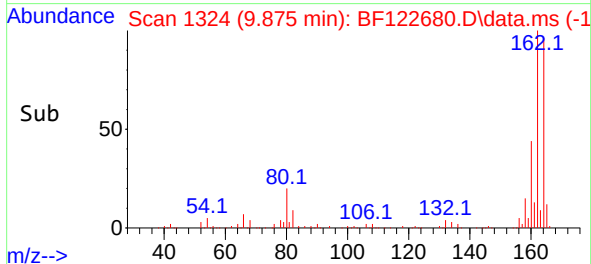
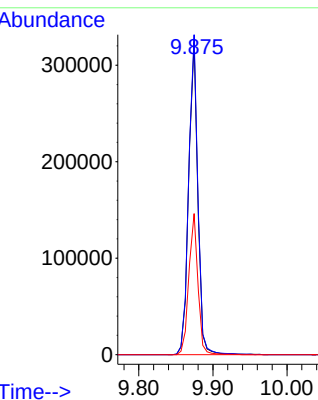
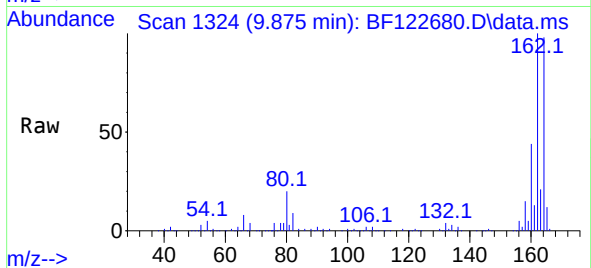
Tgt Ion:164 Resp: 277275

Ion Ratio Lower Upper

164 100

162 102.5 80.8 121.2

160 45.2 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 68.99 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.012 min

Lab File: BF122680.D

Acq: 12 Dec 2020 16:08

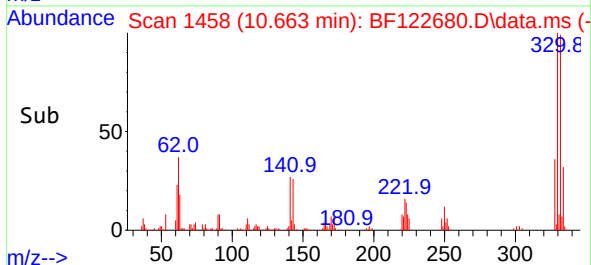
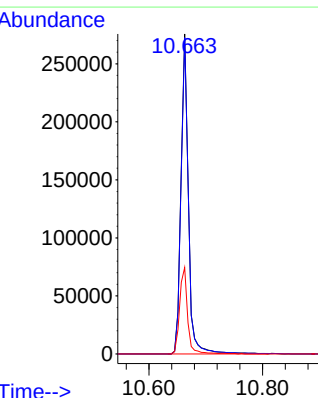
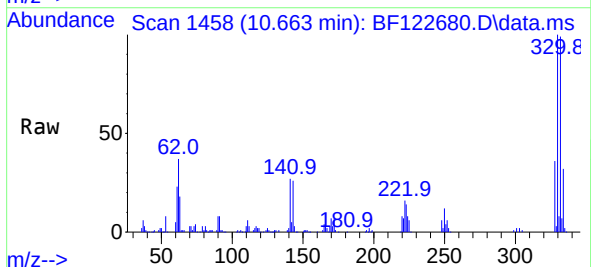
Tgt Ion:330 Resp: 250392

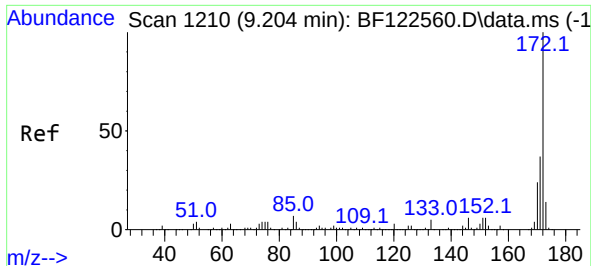
Ion Ratio Lower Upper

330 100

332 98.5 77.5 116.3

141 29.1 23.8 35.8

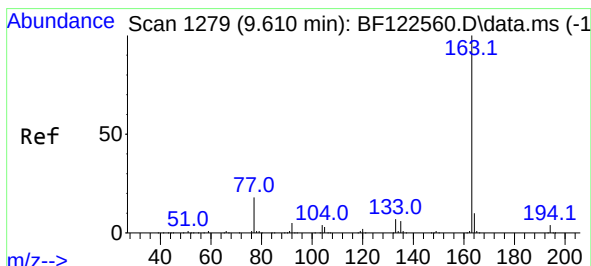
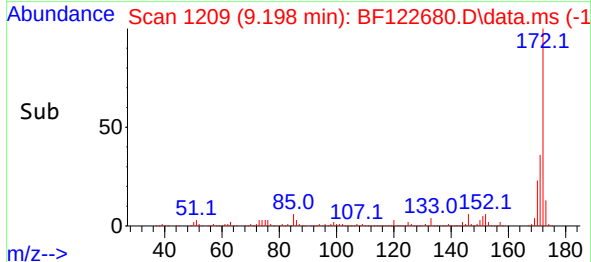
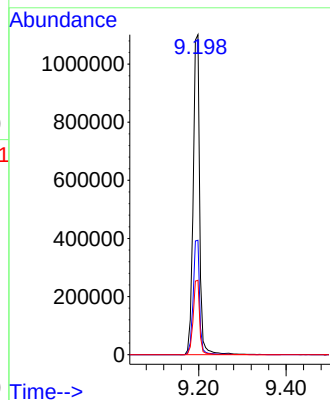
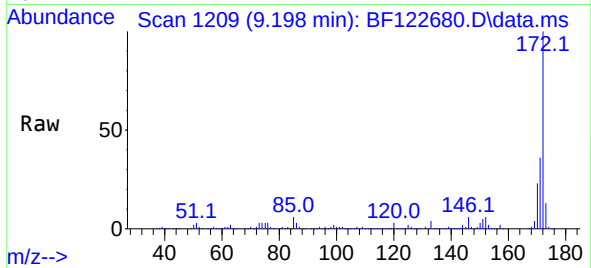




#45
2-Fluorobiphenyl
Concen: 55.48 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122680.D
Acq: 12 Dec 2020 16:08

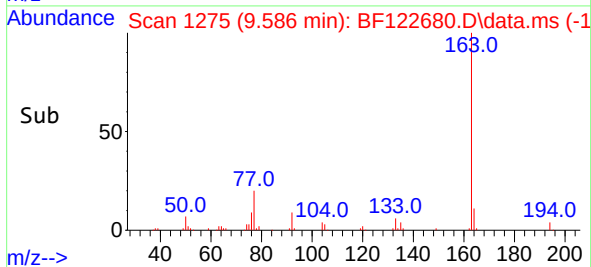
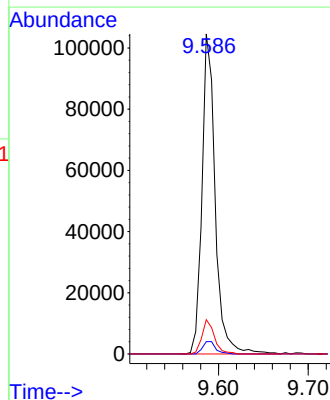
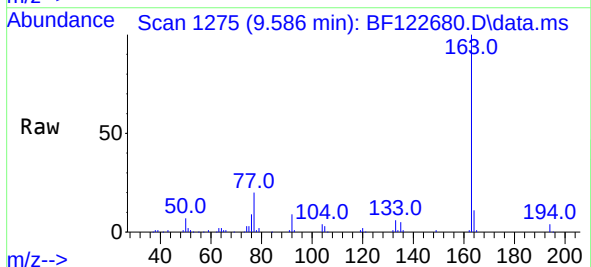
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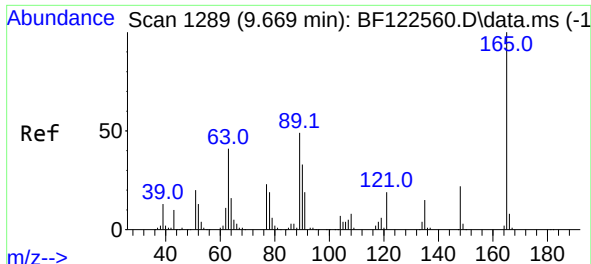
Tgt Ion:172 Resp: 1137400
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 23.3 19.5 29.3



#50
Dimethylphthalate
Concen: 4.83 ng
RT: 9.586 min Scan# 1275
Delta R.T. -0.024 min
Lab File: BF122680.D
Acq: 12 Dec 2020 16:08

Tgt Ion:163 Resp: 106909
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.7 8.1 12.1

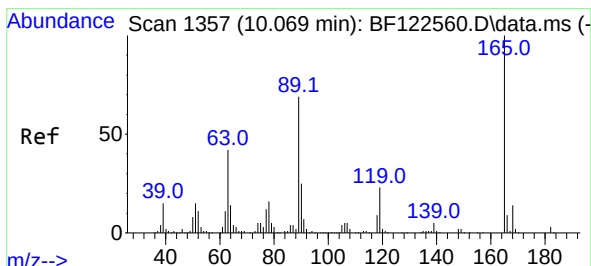
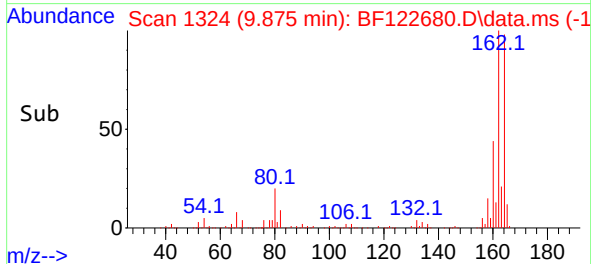
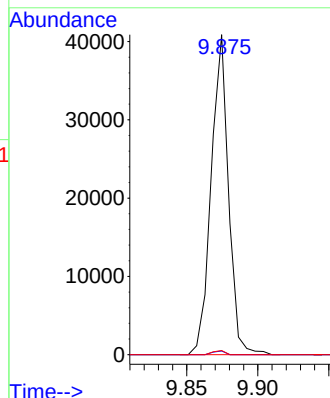
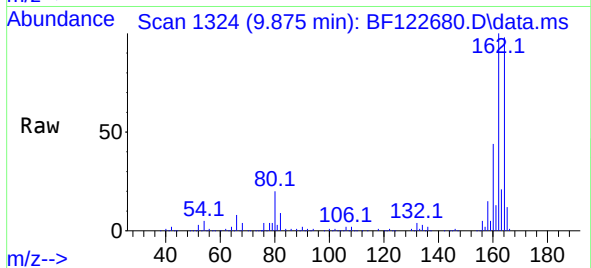




#51
2,6-Dinitrotoluene
Concen: 7.44 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122680.D
Acq: 12 Dec 2020 16:08

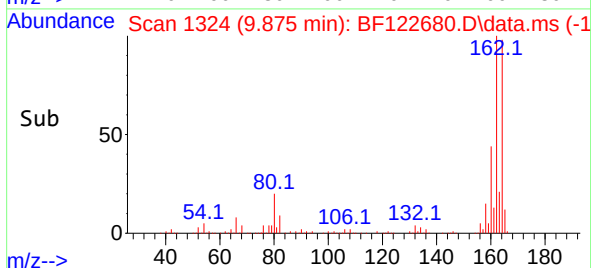
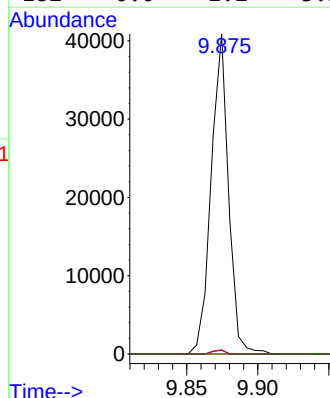
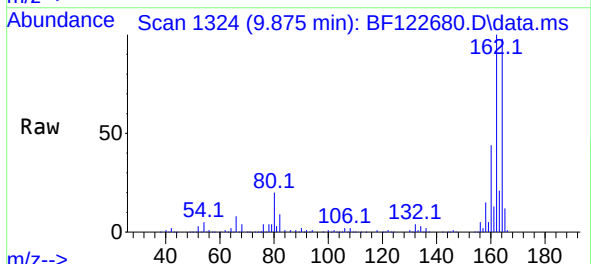
Instrument :
BNA_F
ClientSampleId :
KENS-SS1-121020-0-7

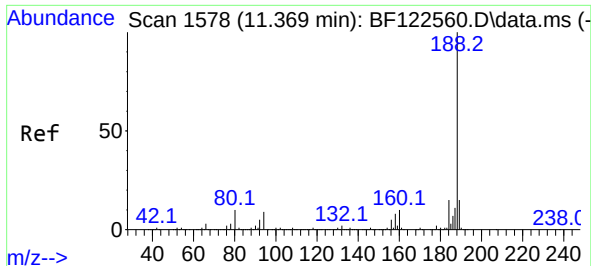
Tgt Ion:165 Resp: 34774
Ion Ratio Lower Upper
165 100
63 1.1 36.6 55.0#
89 1.3 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.58 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122680.D
Acq: 12 Dec 2020 16:08

Tgt Ion:165 Resp: 34774
Ion Ratio Lower Upper
165 100
63 1.1 34.3 51.5#
89 1.3 55.2 82.8#
182 0.0 2.2 3.2#

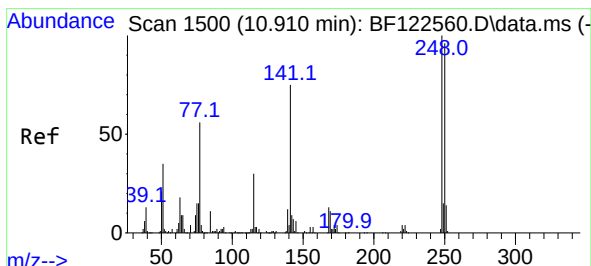
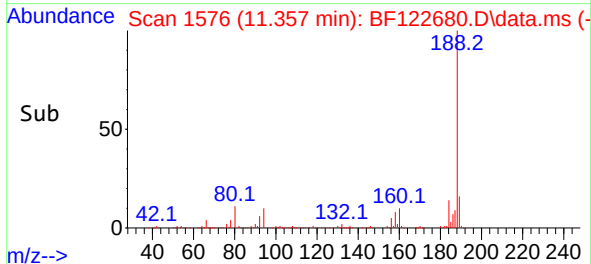
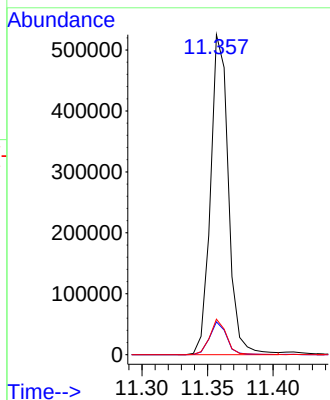
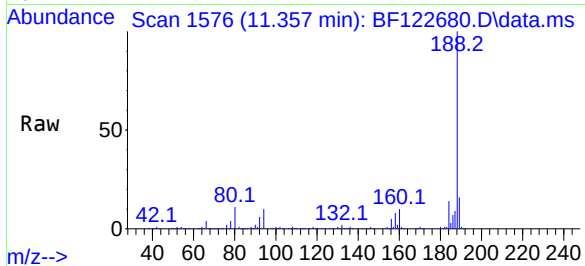




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BF122680.D
Acq: 12 Dec 2020 16:08

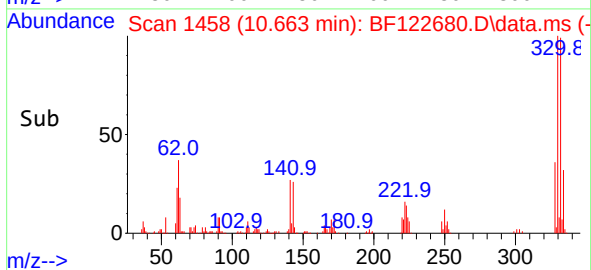
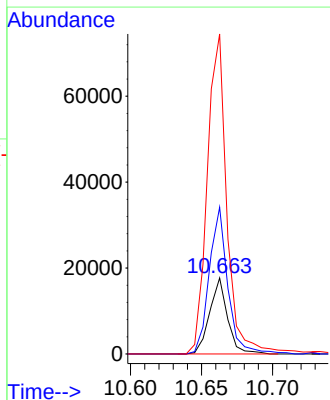
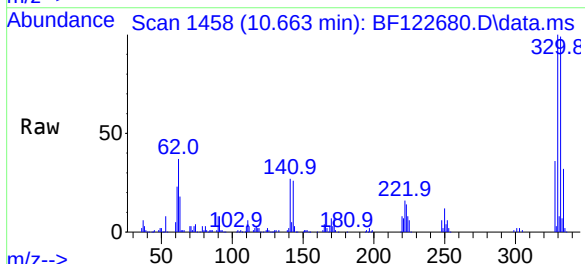
Instrument :
BNA_F
ClientSampleId :
KENS-SS1-121020-0-7

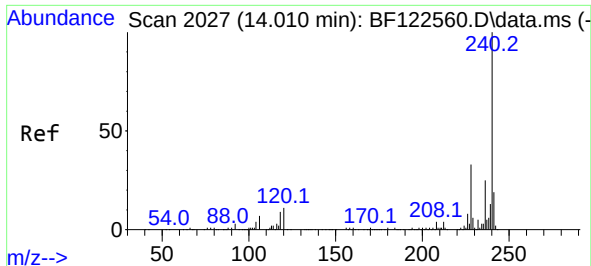
Tgt Ion:188	Resp: 498695
Ion Ratio	Lower Upper
188	100
94	10.3 7.4 11.2
80	11.1 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 2.30 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.247 min
Lab File: BF122680.D
Acq: 12 Dec 2020 16:08

Tgt Ion:248	Resp: 15545
Ion Ratio	Lower Upper
248	100
250	193.2 76.8 115.2#
141	421.4 59.8 89.8#

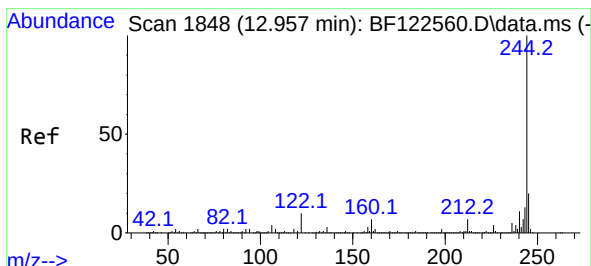
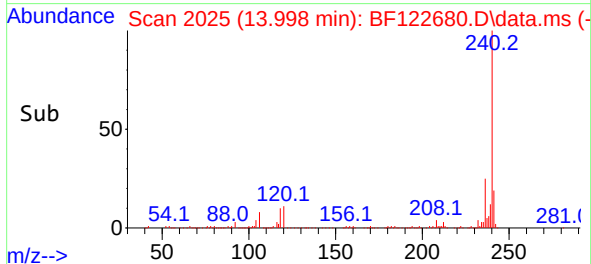
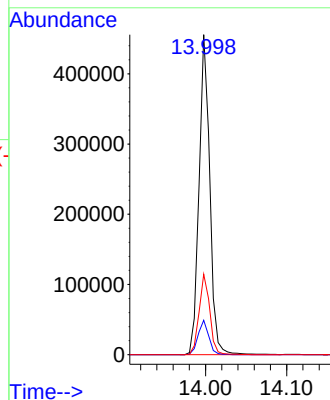
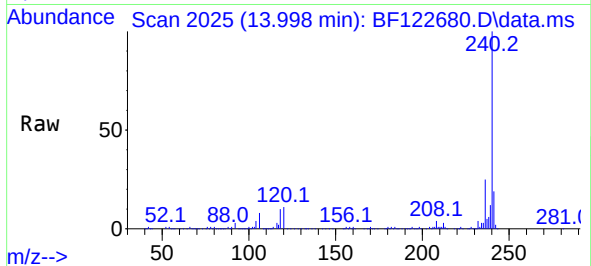




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF122680.D
Acq: 12 Dec 2020 16:08

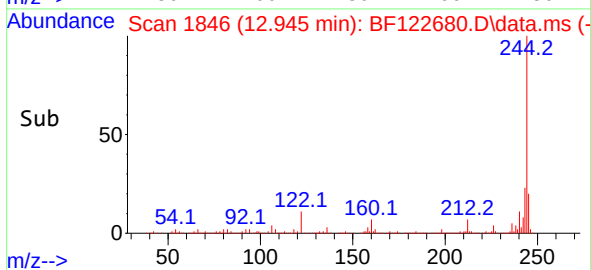
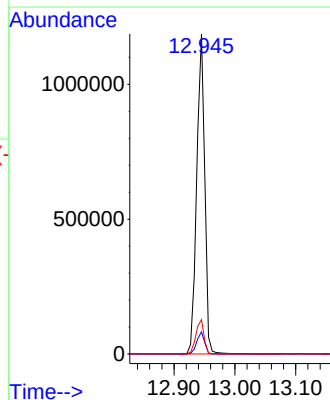
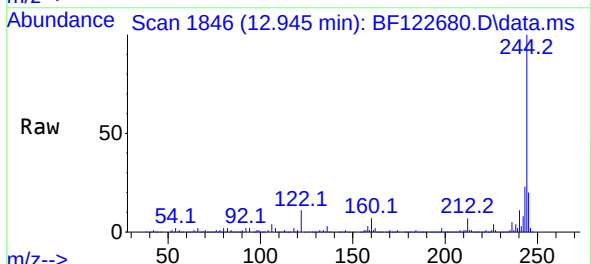
Instrument :
BNA_F
ClientSampleId :
KENS-SS1-121020-0-7

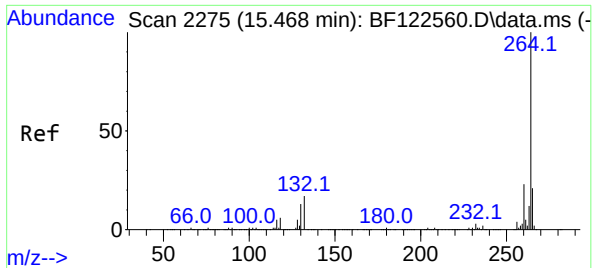
Tgt Ion:240 Resp: 419477
Ion Ratio Lower Upper
240 100
120 10.7 8.6 12.8
236 25.1 20.3 30.5



#79
Terphenyl-d14
Concen: 45.25 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.012 min
Lab File: BF122680.D
Acq: 12 Dec 2020 16:08

Tgt Ion:244 Resp: 1084464
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 10.7 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.462 min Scan# 2274
 Delta R.T. -0.006 min
 Lab File: BF122680.D
 Acq: 12 Dec 2020 16:08

Instrument :
 BNA_F
 ClientSampleId :
 KENS-SS1-121020-0-7

Tgt Ion:264 Resp: 358900

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	28.0
265	21.7	17.0	25.6

