

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121220\
 Data File : BF122679.D
 Acq On : 12 Dec 2020 15:37
 Operator : JU/CG
 Sample : L5042-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KENS-B6-121020-13-15

Quant Time: Dec 13 23:44:11 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)

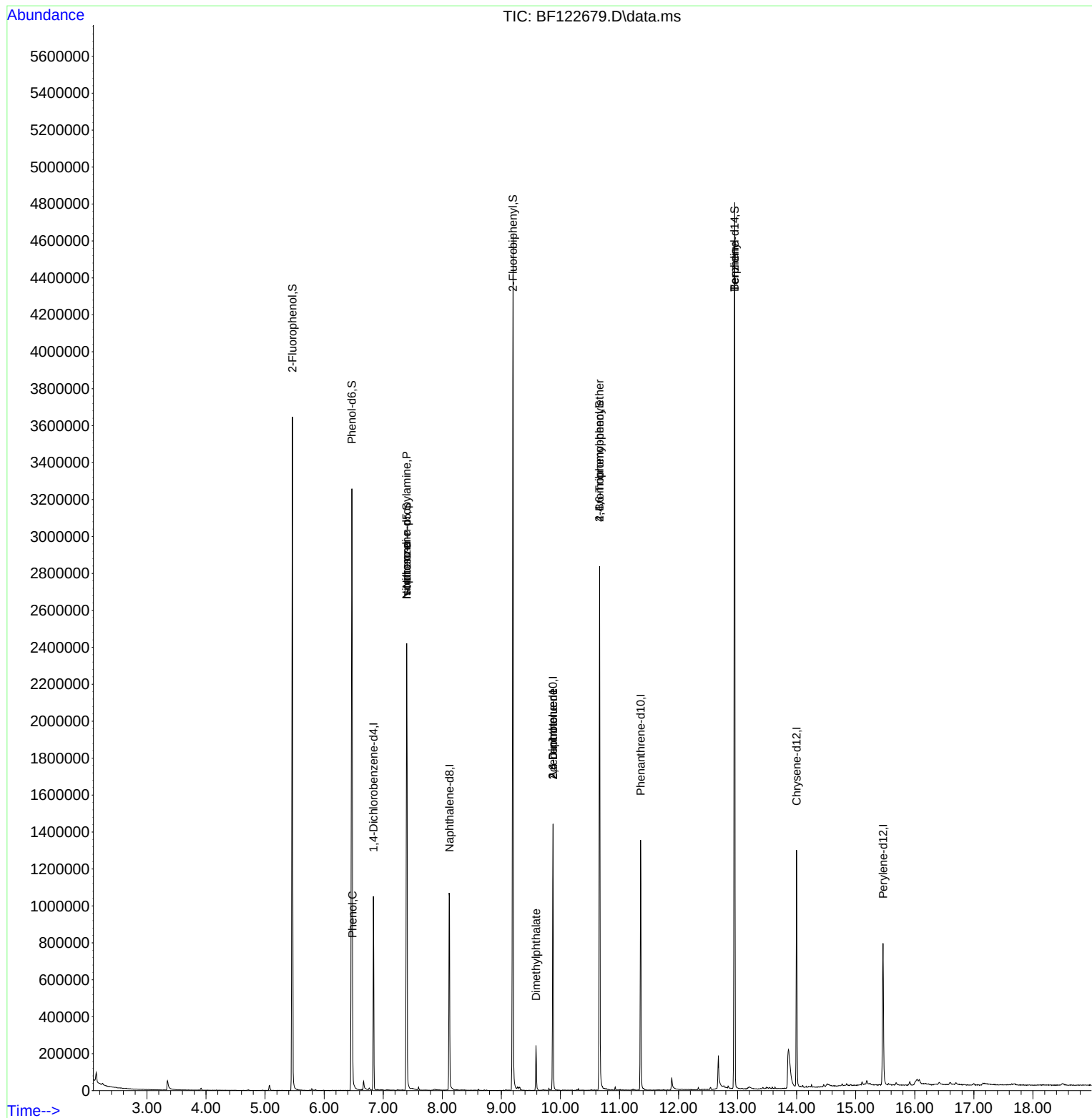
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	144296	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	568138	20.00	ng	0.00
39) Acenaphthene-d10	9.875	164	296146	20.00	ng	0.00
64) Phenanthrene-d10	11.357	188	543691	20.00	ng	-0.01
76) Chrysene-d12	13.998	240	443441	20.00	ng	-0.01
86) Perylene-d12	15.463	264	379714	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1112880	122.10	ng	0.00
7) Phenol-d6	6.469	99	1405843	116.30	ng	-0.01
23) Nitrobenzene-d5	7.398	82	880136	77.62	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	390076	100.63	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1609791	73.52	ng	0.00
79) Terphenyl-d14	12.951	244	1677348	66.21	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.481	94	78164	6.24	ng	88
19) n-Nitroso-di-n-propyla...	7.398	70	116299	16.80	ng	# 77
25) Isophorone	7.398	82	864137	44.24	ng	# 65
50) Dimethylphthalate	9.586	163	108077	4.57	ng	99
51) 2,6-Dinitrotoluene	9.875	165	38530	7.71	ng	# 31
57) 2,4-Dinitrotoluene	9.875	165	38530	5.79	ng	# 25
67) 4-Bromophenyl-phenylether	10.663	248	23019	3.12	ng	# 1
77) Benzidine	12.951	184	20955	2.18	ng	# 88

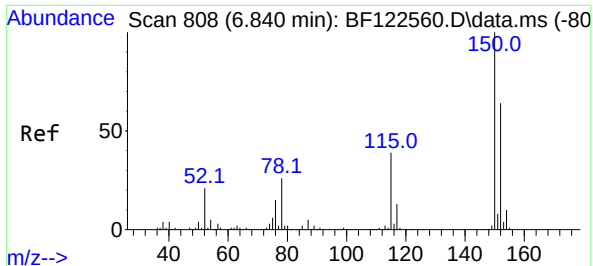
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121220\
Data File : BF122679.D
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KENS-B6-121020-13-15

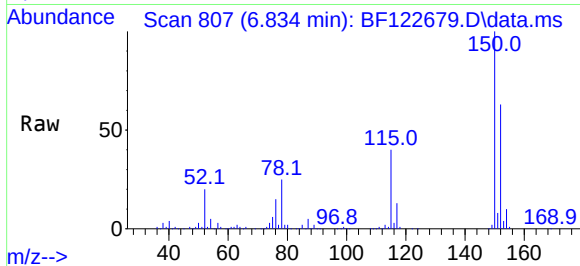
Quant Time: Dec 13 23:44:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration



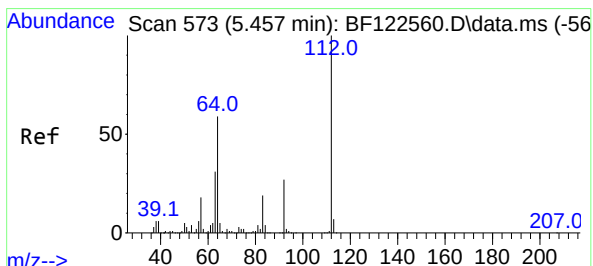
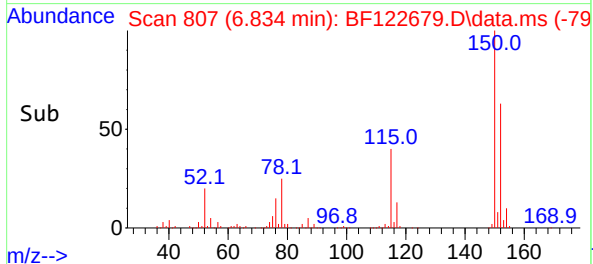
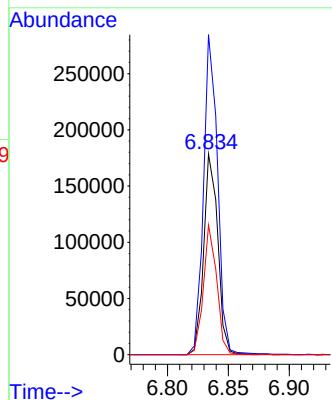


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF122679.D
Acq: 12 Dec 2020 15:37

Instrument :
BNA_F
ClientSampleId :
KENS-B6-121020-13-15

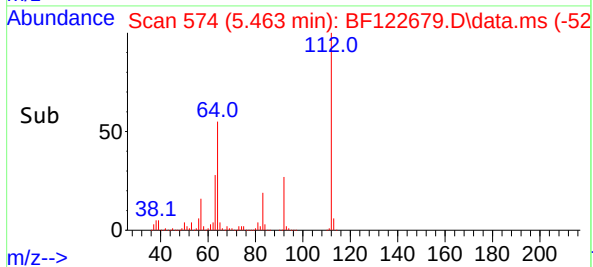
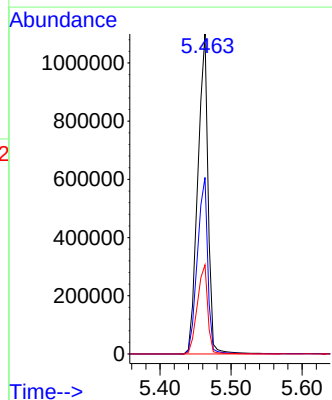
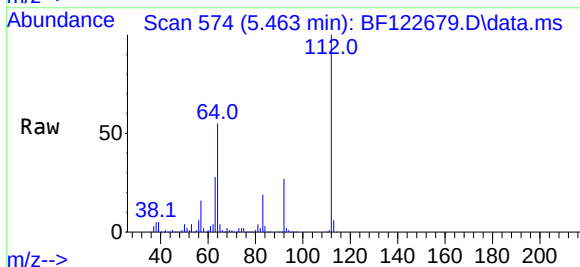


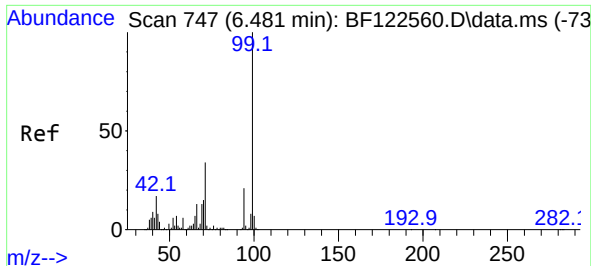
Tgt Ion:152 Resp: 144296
Ion Ratio Lower Upper
152 100
150 159.5 125.8 188.6
115 64.6 49.3 73.9



#5
2-Fluorophenol
Concen: 122.10 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.006 min
Lab File: BF122679.D
Acq: 12 Dec 2020 15:37

Tgt Ion:112 Resp: 1112880
Ion Ratio Lower Upper
112 100
64 55.2 46.9 70.3
63 27.8 24.5 36.7



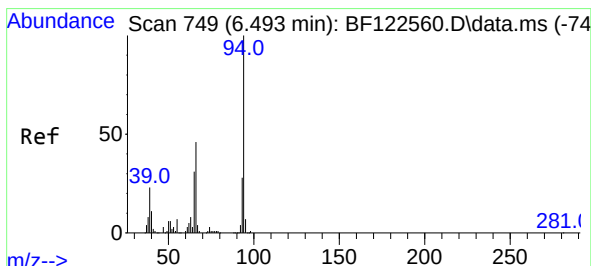
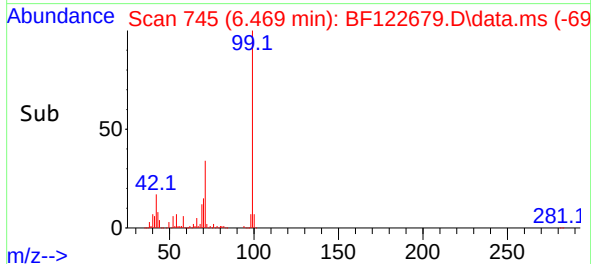
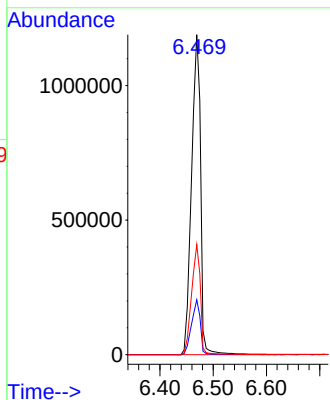
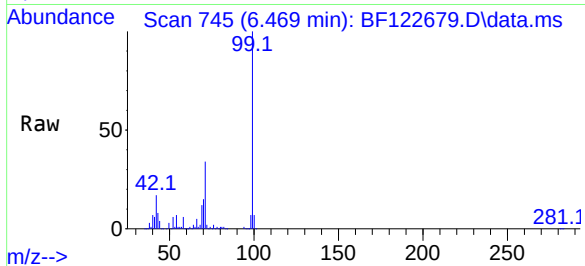


#7
Phenol-d6
Concen: 116.30 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF122679.D
Acq: 12 Dec 2020 15:37

Instrument :
BNA_F
ClientSampleId :
KENS-B6-121020-13-15

Tgt Ion: 99 Resp: 1405843

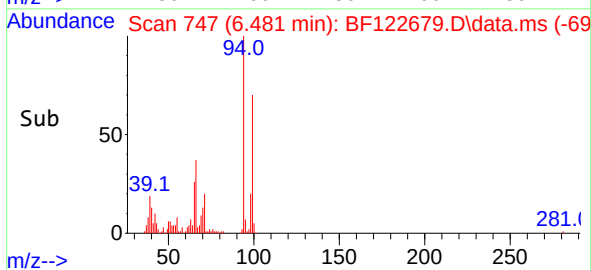
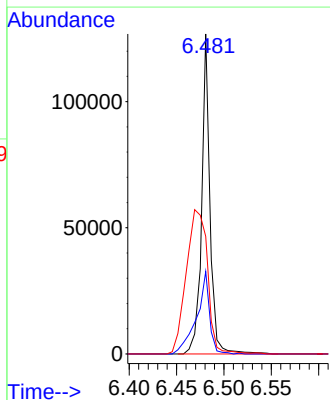
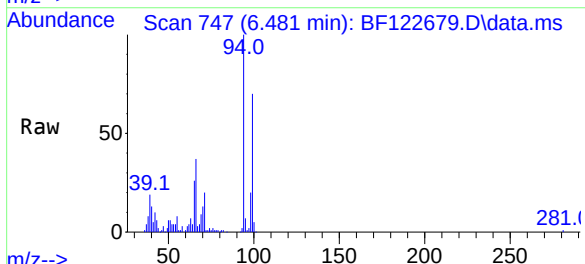
Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.8	20.6
71	34.4	26.9	40.3

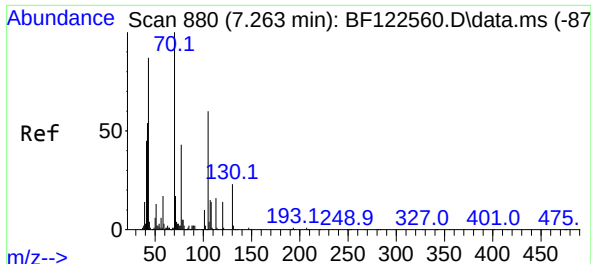


#10
Phenol
Concen: 6.24 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF122679.D
Acq: 12 Dec 2020 15:37

Tgt Ion: 94 Resp: 78164

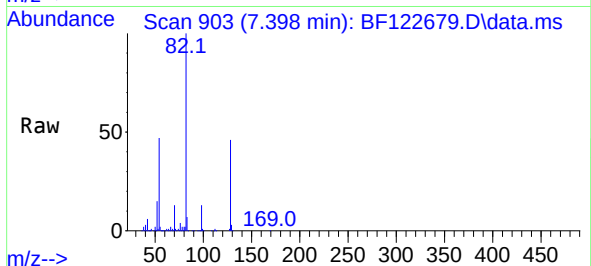
Ion	Ratio	Lower	Upper
94	100		
65	25.8	11.2	51.2
66	36.7	25.8	65.8



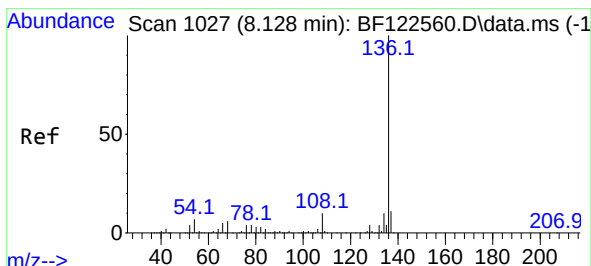
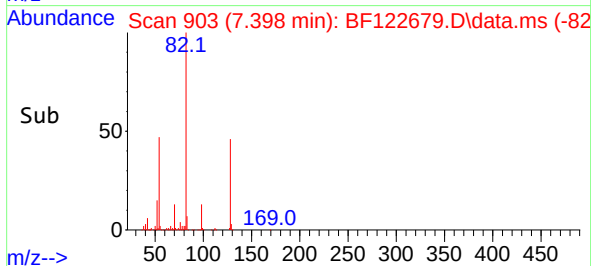
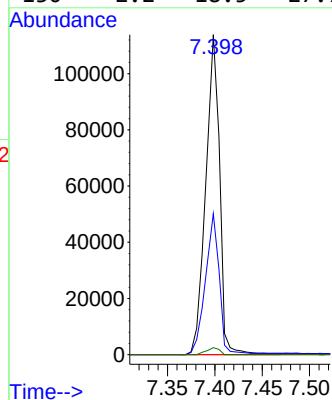


#19
n-Nitroso-di-n-propylamine
Concen: 16.80 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF122679.D
Acq: 12 Dec 2020 15:37

Instrument :
BNA_F
ClientSampleId :
KENS-B6-121020-13-15

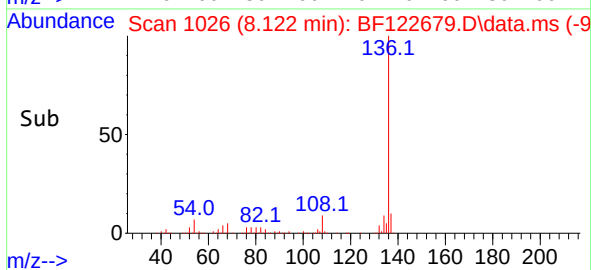
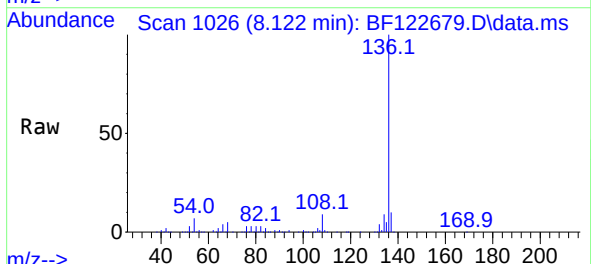
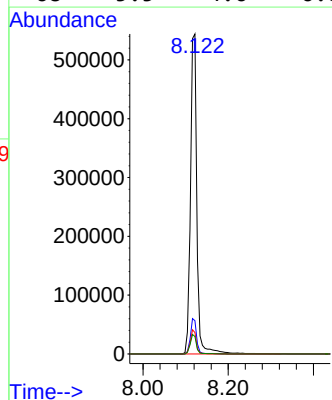


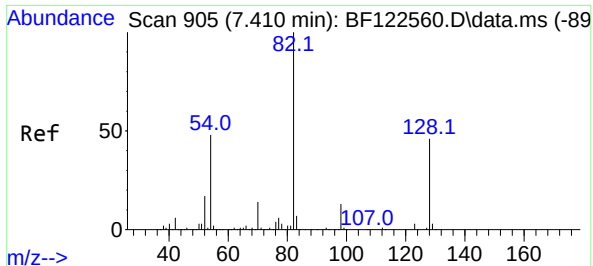
Tgt Ion: 70 Resp: 116299
Ion Ratio Lower Upper
70 100
42 44.1 43.0 64.4
101 0.0 7.9 11.9#
130 2.2 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122679.D
Acq: 12 Dec 2020 15:37

Tgt Ion: 136 Resp: 568138
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 6.7 5.5 8.3
68 5.5 4.6 6.8

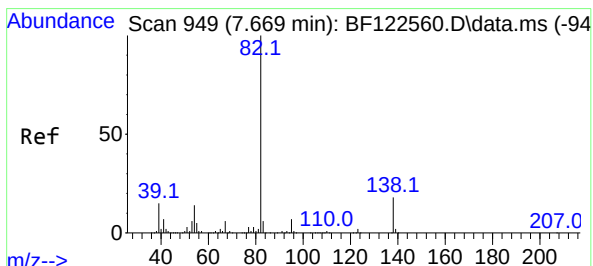
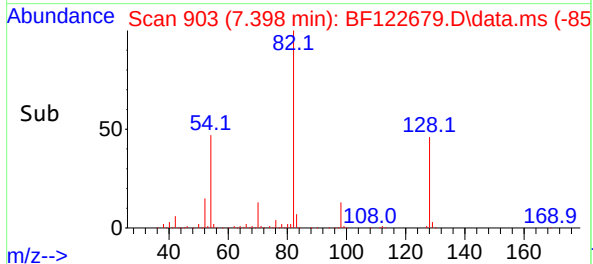
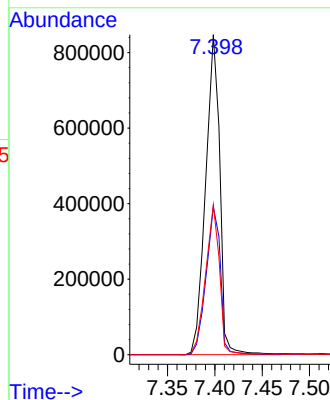
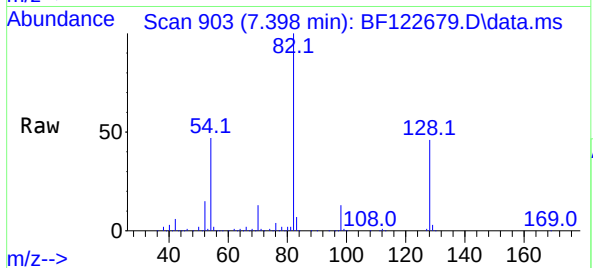




#23
Nitrobenzene-d5
Concen: 77.62 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF122679.D
Acq: 12 Dec 2020 15:37

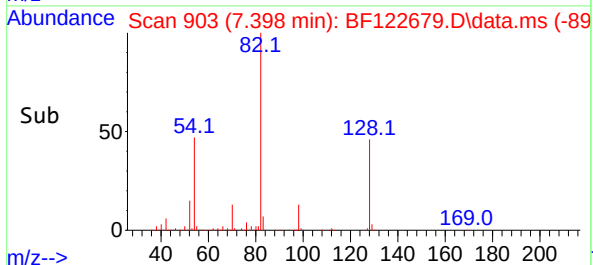
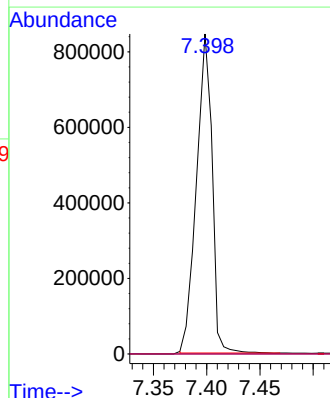
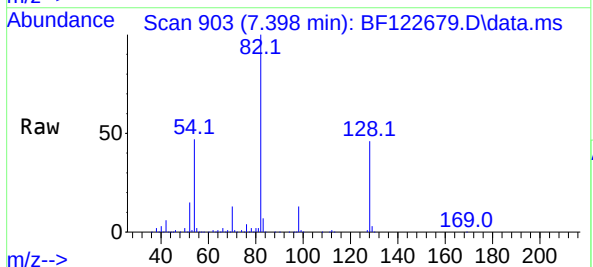
Instrument :
BNA_F
ClientSampleId :
KENS-B6-121020-13-15

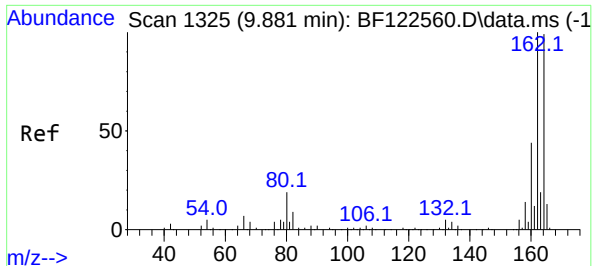
Tgt Ion: 82 Resp: 880136
Ion Ratio Lower Upper
82 100
128 46.2 37.0 55.4
54 46.9 38.4 57.6



#25
Isophorone
Concen: 44.24 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.271 min
Lab File: BF122679.D
Acq: 12 Dec 2020 15:37

Tgt Ion: 82 Resp: 864137
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: BF122679.D

Acq: 12 Dec 2020 15:37

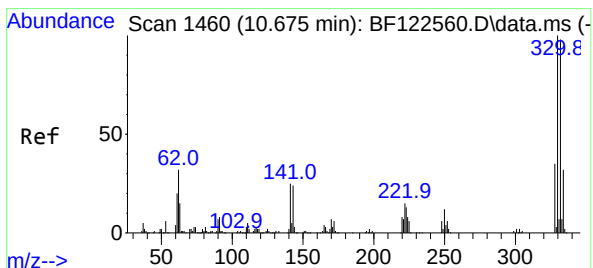
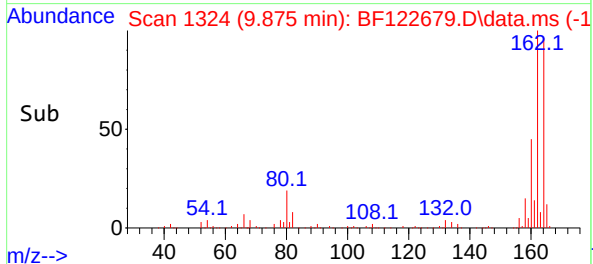
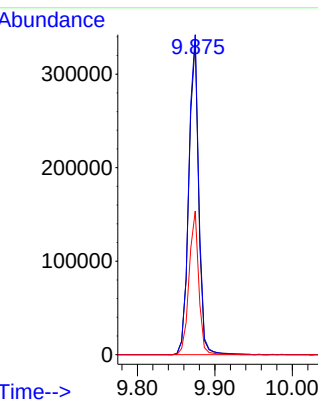
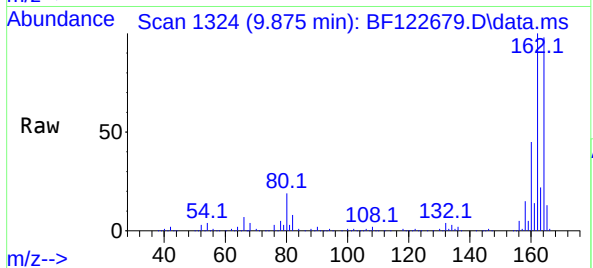
Tgt Ion:164 Resp: 296146

Ion Ratio Lower Upper

164 100

162 102.2 80.8 121.2

160 45.9 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 100.63 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.012 min

Lab File: BF122679.D

Acq: 12 Dec 2020 15:37

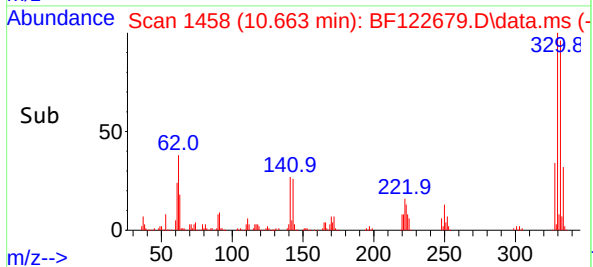
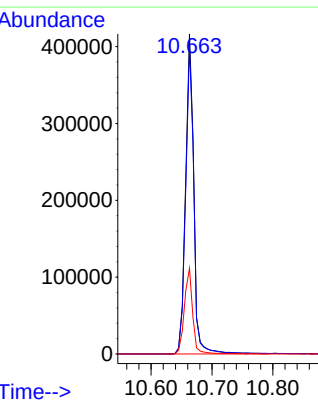
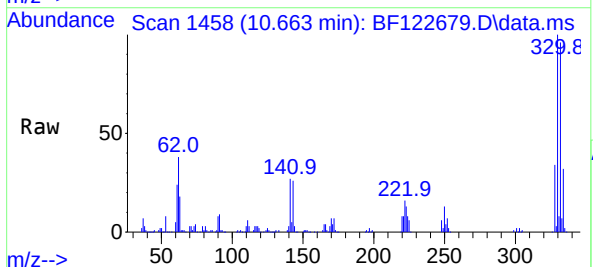
Tgt Ion:330 Resp: 390076

Ion Ratio Lower Upper

330 100

332 96.3 77.5 116.3

141 27.1 23.8 35.8

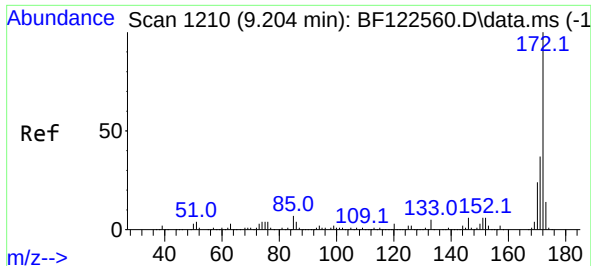


Instrument :

BNA_F

ClientSampleId :

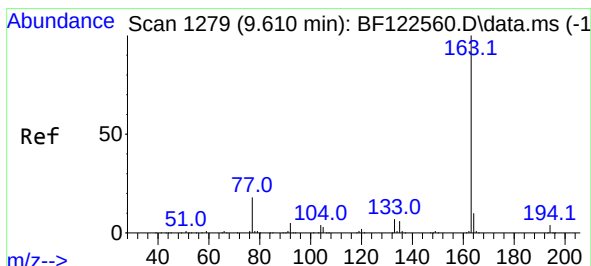
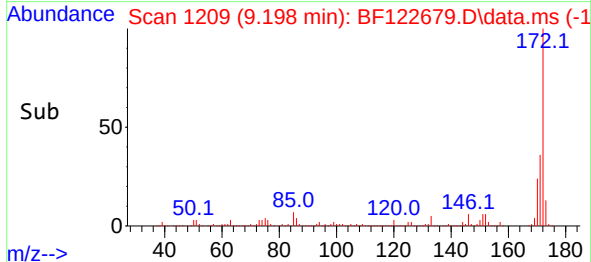
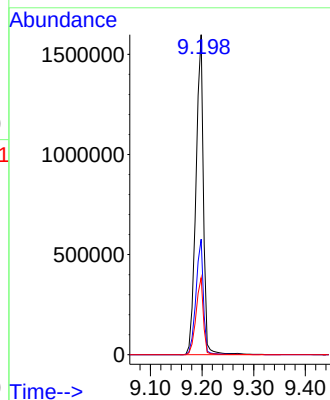
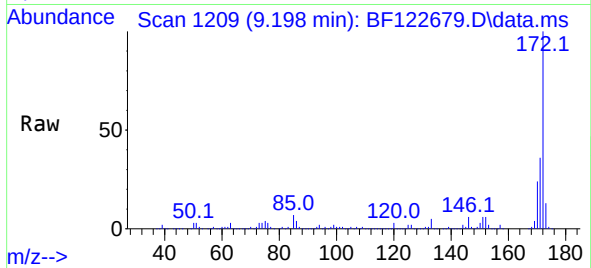
KENS-B6-121020-13-15



#45
2-Fluorobiphenyl
Concen: 73.52 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122679.D
Acq: 12 Dec 2020 15:37

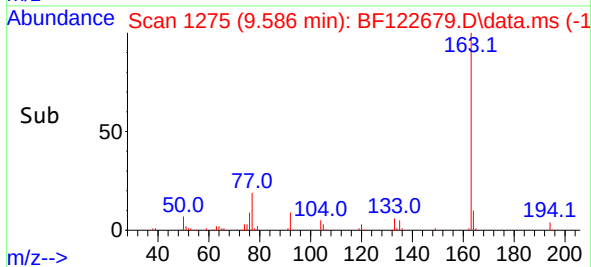
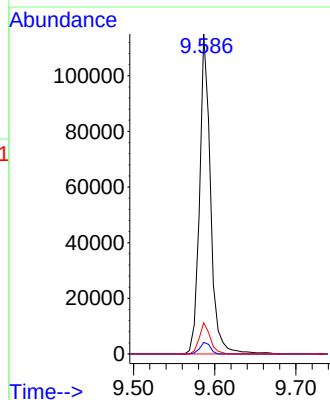
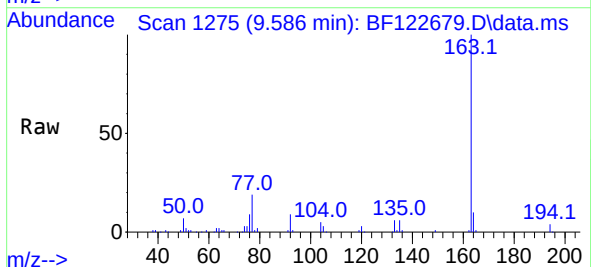
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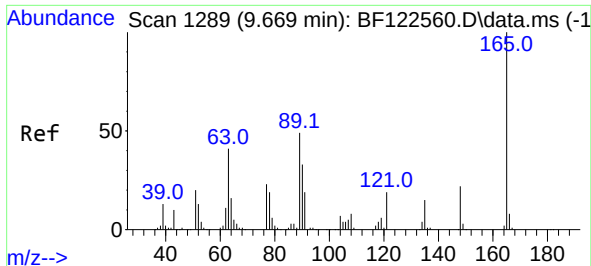
Tgt Ion:172 Resp: 1609791
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 24.1 19.5 29.3



#50
Dimethylphthalate
Concen: 4.57 ng
RT: 9.586 min Scan# 1275
Delta R.T. -0.024 min
Lab File: BF122679.D
Acq: 12 Dec 2020 15:37

Tgt Ion:163 Resp: 108077
Ion Ratio Lower Upper
163 100
194 3.6 3.4 5.0
164 9.8 8.1 12.1

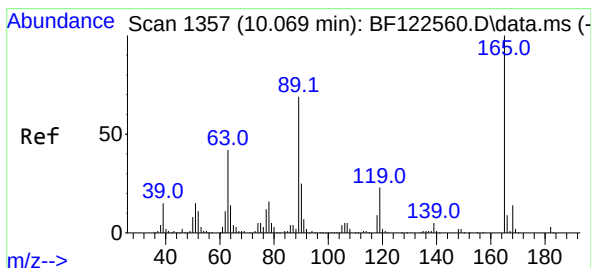
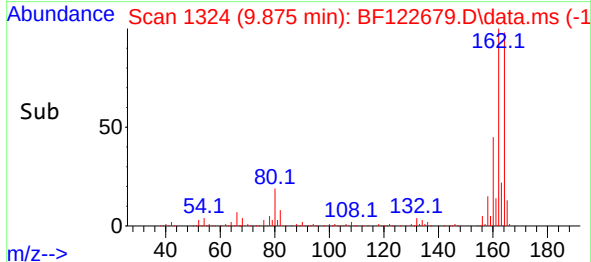
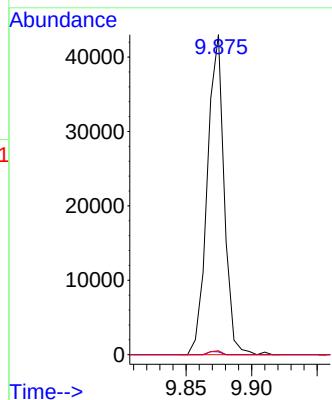
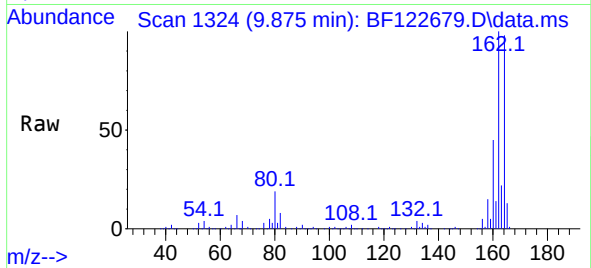




#51
2,6-Dinitrotoluene
Concen: 7.71 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122679.D
Acq: 12 Dec 2020 15:37

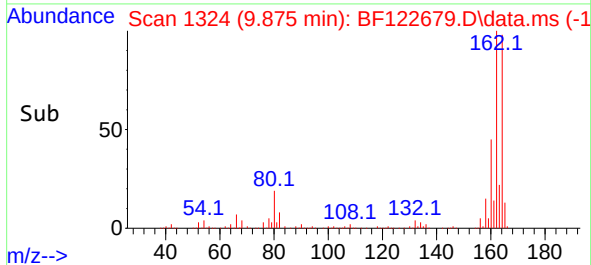
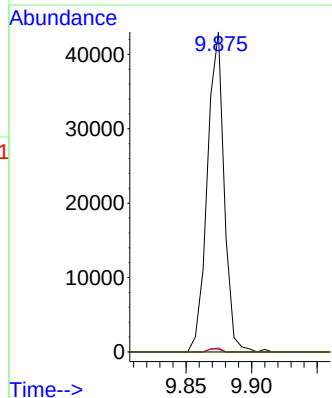
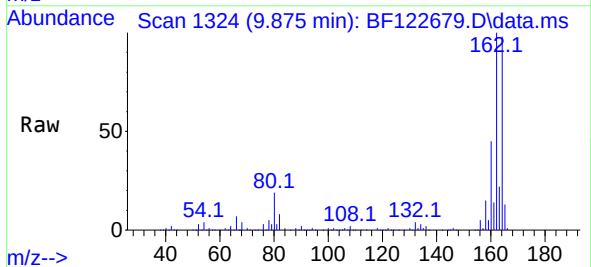
Instrument :
BNA_F
ClientSampleId :
KENS-B6-121020-13-15

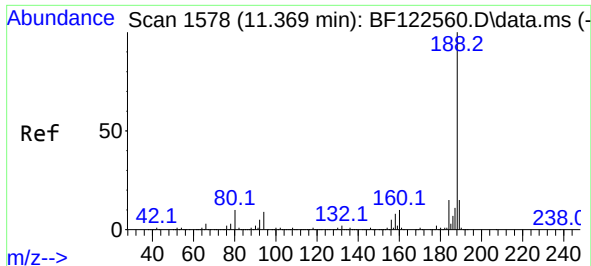
Tgt Ion:165 Resp: 38530
Ion Ratio Lower Upper
165 100
63 0.9 36.6 55.0#
89 1.2 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.79 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122679.D
Acq: 12 Dec 2020 15:37

Tgt Ion:165 Resp: 38530
Ion Ratio Lower Upper
165 100
63 0.9 34.3 51.5#
89 1.2 55.2 82.8#
182 0.0 2.2 3.2#

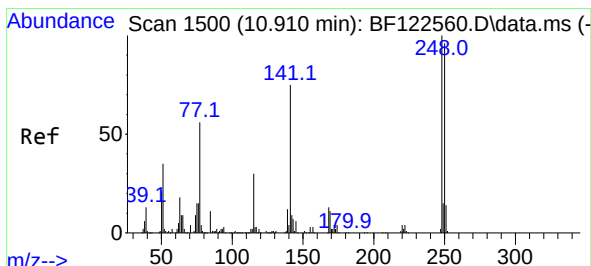
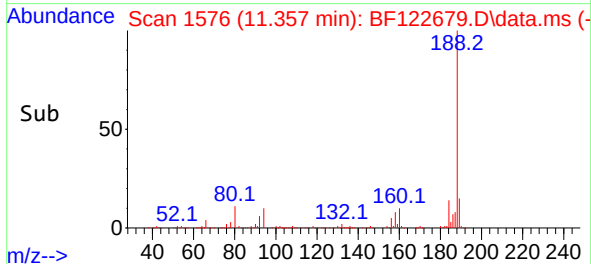
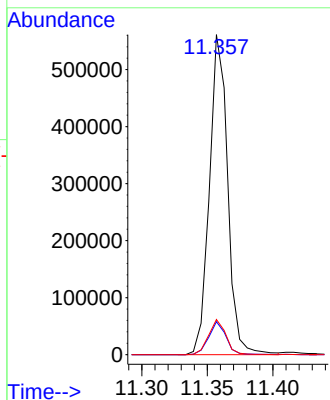
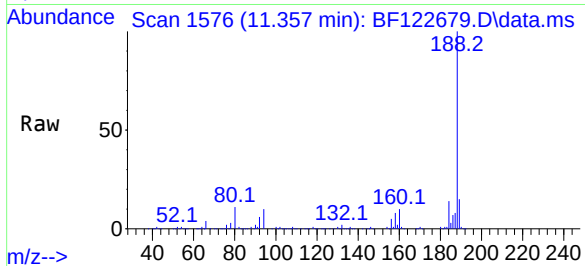




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BF122679.D
Acq: 12 Dec 2020 15:37

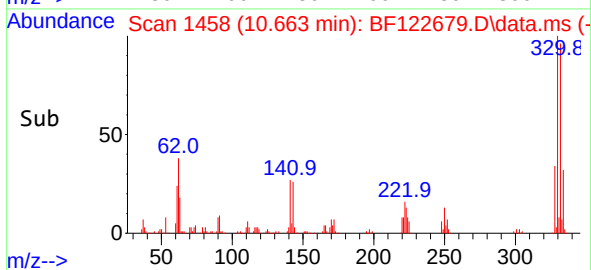
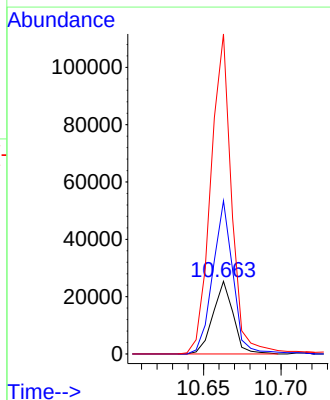
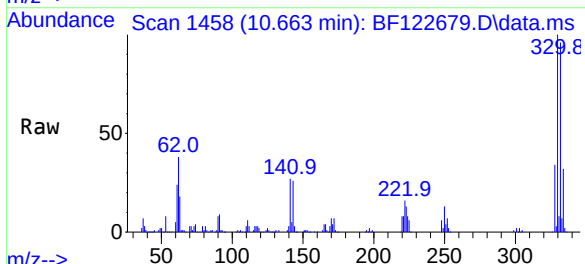
Instrument :
BNA_F
ClientSampleId :
KENS-B6-121020-13-15

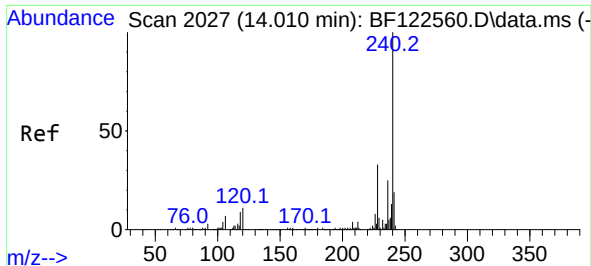
Tgt Ion:188 Resp: 543691
Ion Ratio Lower Upper
188 100
94 10.3 7.4 11.2
80 11.0 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 3.12 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.247 min
Lab File: BF122679.D
Acq: 12 Dec 2020 15:37

Tgt Ion:248 Resp: 23019
Ion Ratio Lower Upper
248 100
250 210.9 76.8 115.2#
141 440.9 59.8 89.8#



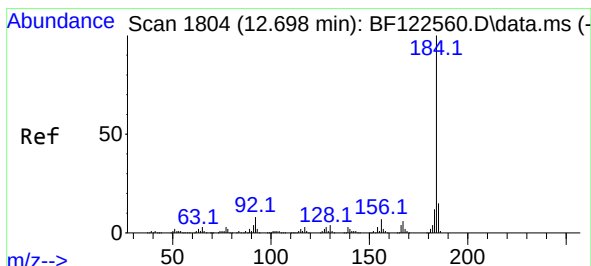
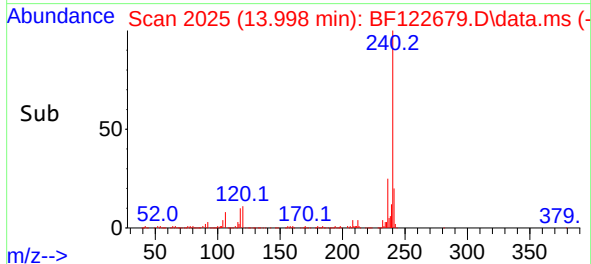
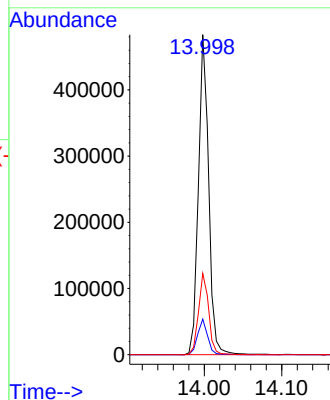
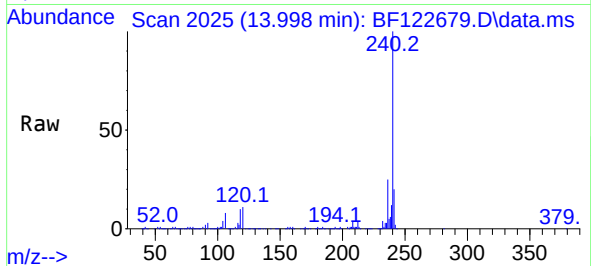


#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF122679.D
Acq: 12 Dec 2020 15:37

Instrument :
BNA_F
ClientSampleId :
KENS-B6-121020-13-15

Tgt Ion:240 Resp: 443441

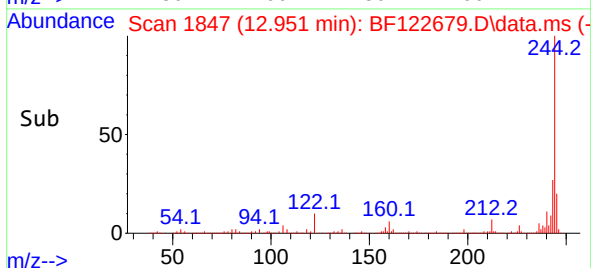
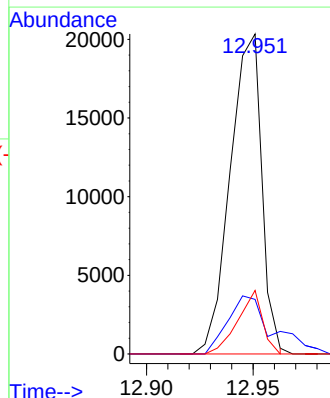
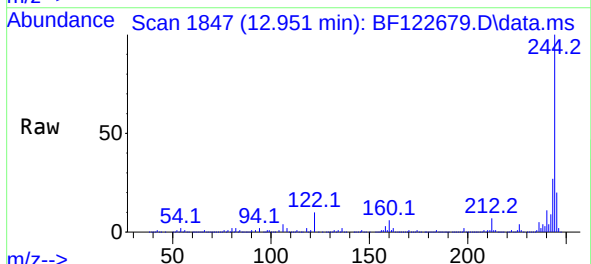
Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.6	12.8
236	25.4	20.3	30.5

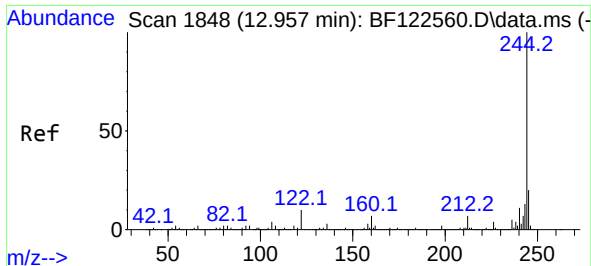


#77
Benzidine
Concen: 2.18 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.253 min
Lab File: BF122679.D
Acq: 12 Dec 2020 15:37

Tgt Ion:184 Resp: 20955

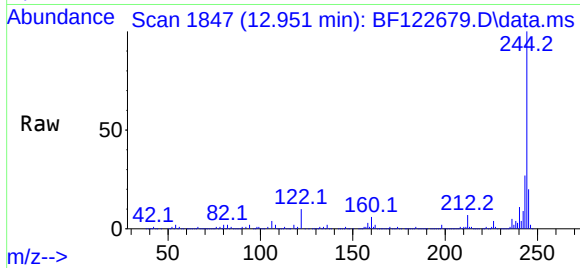
Ion	Ratio	Lower	Upper
184	100		
185	17.0	11.8	17.6
183	19.9	9.7	14.5#





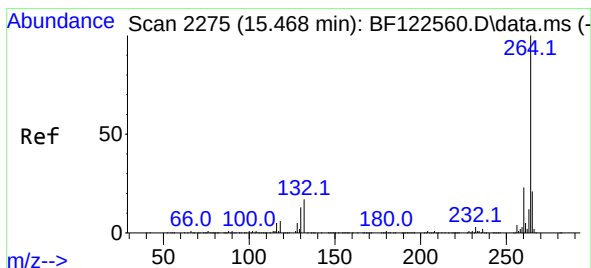
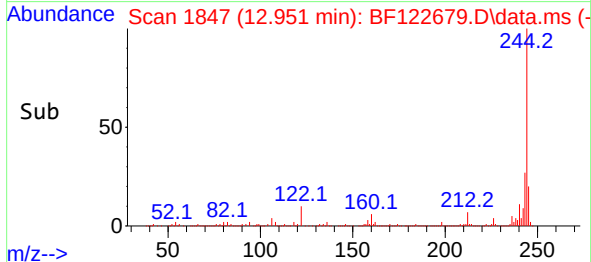
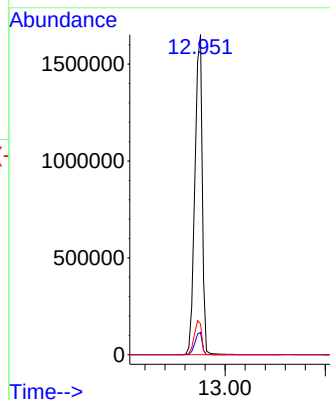
#79
 Terphenyl-d14
 Concen: 66.21 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF122679.D
 Acq: 12 Dec 2020 15:37

Instrument :
 BNA_F
 ClientSampleId :
 KENS-B6-121020-13-15



Tgt Ion:244 Resp: 1677348

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	9.6	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: BF122679.D
 Acq: 12 Dec 2020 15:37

Tgt Ion:264 Resp: 379714

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	21.3	17.0	25.6

