

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121220\
 Data File : BF122681.D
 Acq On : 12 Dec 2020 16:39
 Operator : JU/CG
 Sample : L5043-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KENS-SS2-121020-0-7

Quant Time: Dec 13 23:44:39 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)

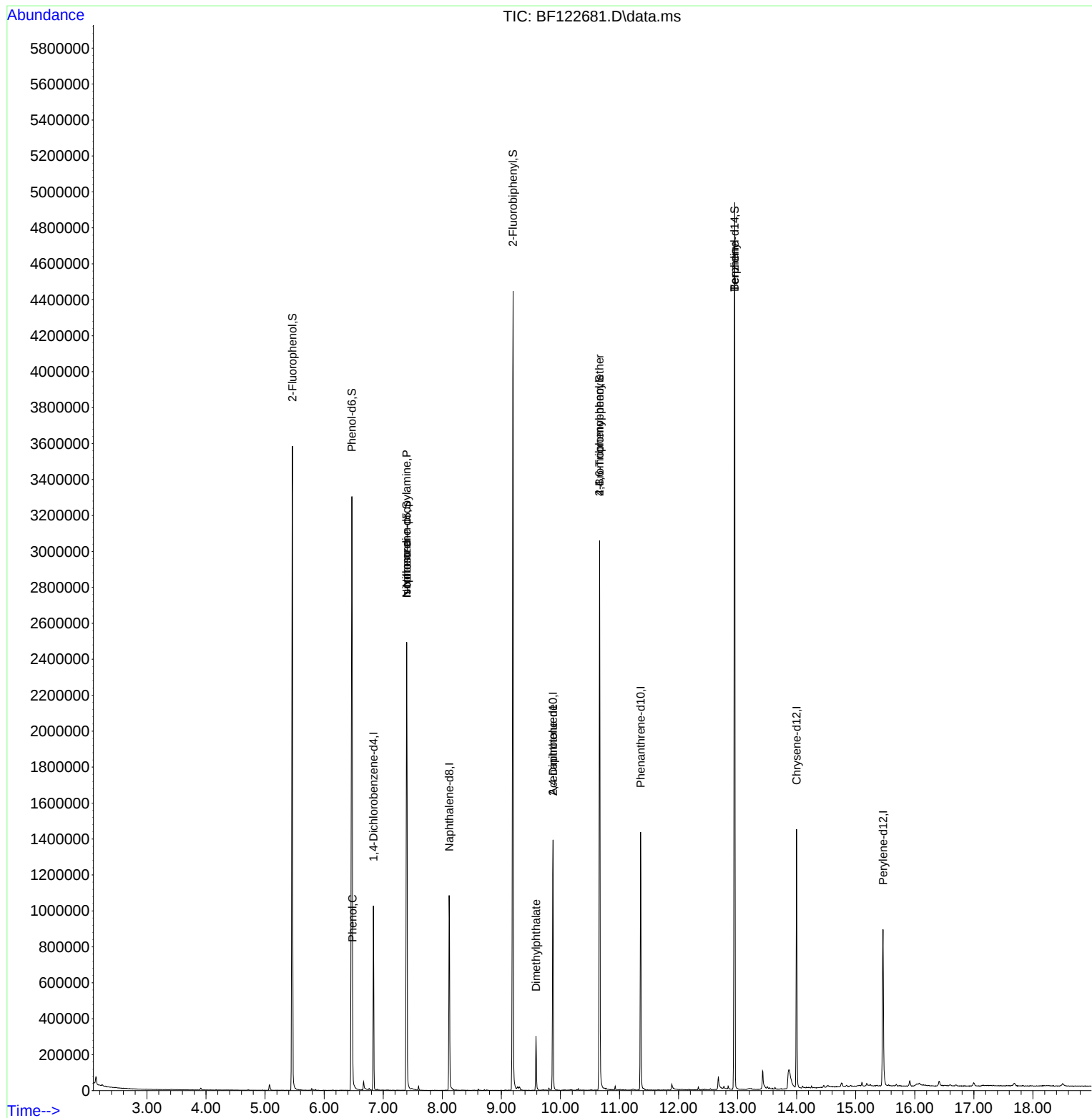
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	145252	20.00	ng	0.00
21) Naphthalene-d8	8.116	136	563447	20.00	ng	-0.01
39) Acenaphthene-d10	9.875	164	300366	20.00	ng	0.00
64) Phenanthrene-d10	11.357	188	562038	20.00	ng	-0.01
76) Chrysene-d12	13.998	240	491107	20.00	ng	-0.01
86) Perylene-d12	15.463	264	417131	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1168236	127.33	ng	0.00
7) Phenol-d6	6.469	99	1469447	120.76	ng	-0.01
23) Nitrobenzene-d5	7.398	82	920113	81.82	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	435237	110.70	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1598873	72.00	ng	0.00
79) Terphenyl-d14	12.951	244	1727308	61.57	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.481	94	86955	6.90	ng	87
19) n-Nitroso-di-n-propyla...	7.398	70	120763	17.33	ng	# 77
25) Isophorone	7.398	82	920100	47.50	ng	# 65
50) Dimethylphthalate	9.586	163	134089	5.59	ng	99
57) 2,4-Dinitrotoluene	9.875	165	38443	5.70	ng	# 25
67) 4-Bromophenyl-phenylether	10.663	248	26718	3.51	ng	# 1
77) Benzidine	12.951	184	21312	2.01	ng	# 90

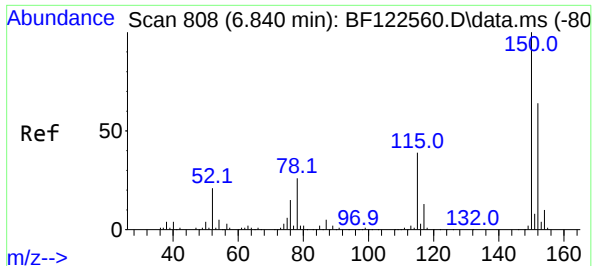
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121220\
Data File : BF122681.D
Acq On : 12 Dec 2020 16:39
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KENS-SS2-121020-0-7

Quant Time: Dec 13 23:44:39 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

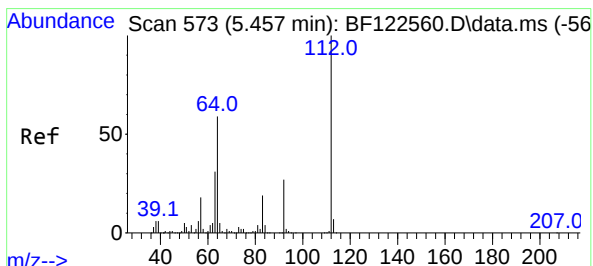
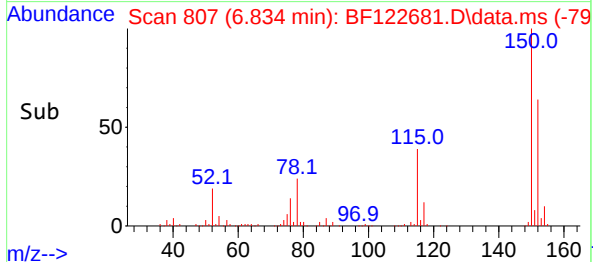
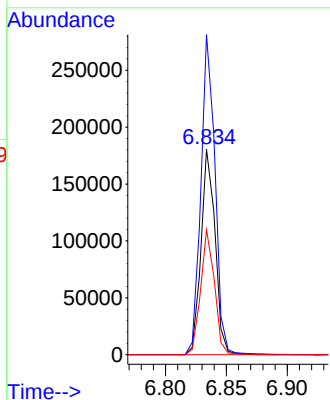
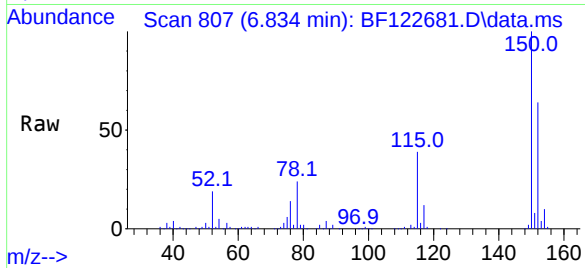




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF122681.D
Acq: 12 Dec 2020 16:39

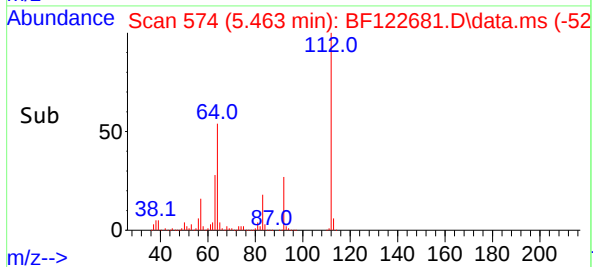
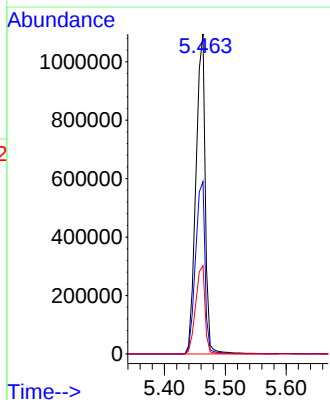
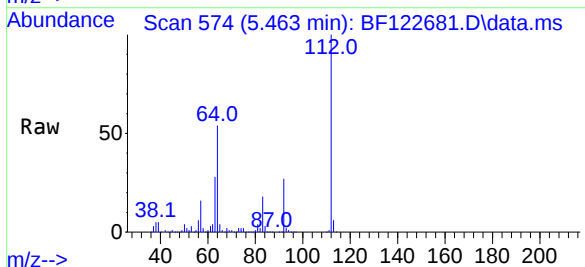
Instrument :
BNA_F
ClientSampleId :
KENS-SS2-121020-0-7

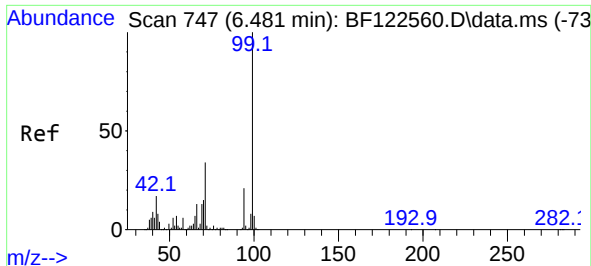
Tgt Ion:152 Resp: 145252
Ion Ratio Lower Upper
152 100
150 155.7 125.8 188.6
115 60.8 49.3 73.9



#5
2-Fluorophenol
Concen: 127.33 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.006 min
Lab File: BF122681.D
Acq: 12 Dec 2020 16:39

Tgt Ion:112 Resp: 1168236
Ion Ratio Lower Upper
112 100
64 53.8 46.9 70.3
63 27.6 24.5 36.7



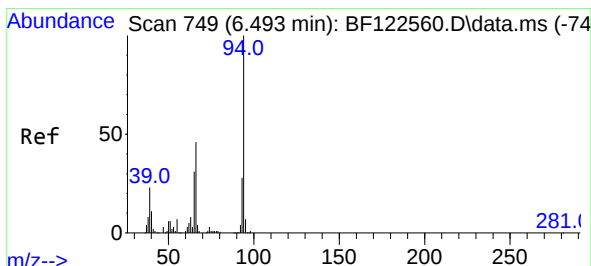
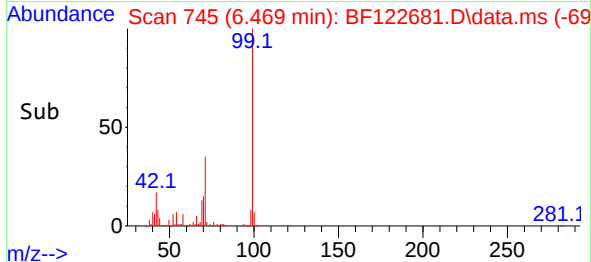
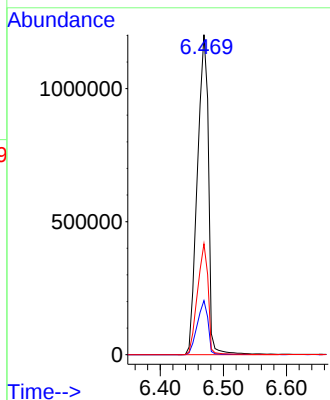
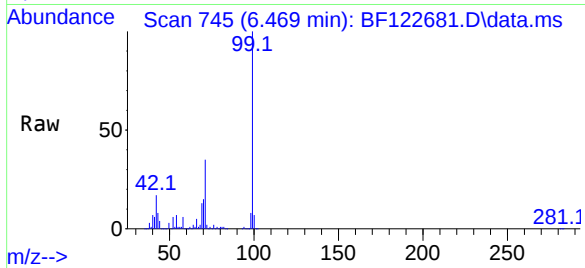


#7
Phenol-d6
Concen: 120.76 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF122681.D
Acq: 12 Dec 2020 16:39

Instrument :
BNA_F
ClientSampleId :
KENS-SS2-121020-0-7

Tgt Ion: 99 Resp: 1469447

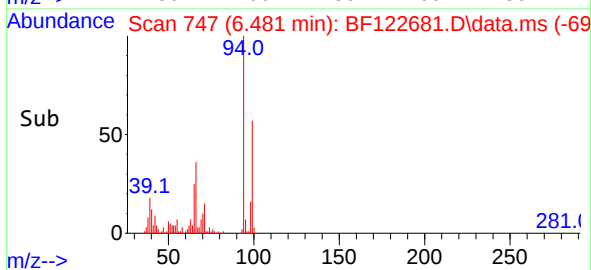
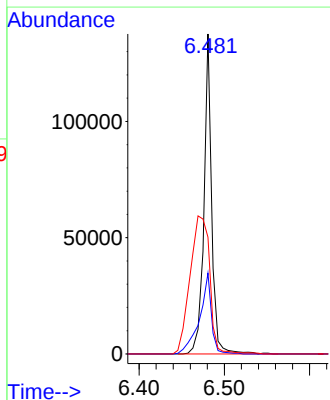
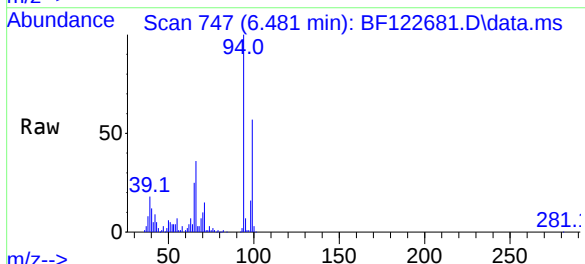
Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.8	20.6
71	34.7	26.9	40.3

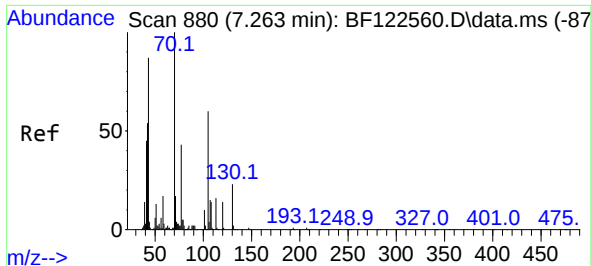


#10
Phenol
Concen: 6.90 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF122681.D
Acq: 12 Dec 2020 16:39

Tgt Ion: 94 Resp: 86955

Ion	Ratio	Lower	Upper
94	100		
65	25.2	11.2	51.2
66	36.5	25.8	65.8

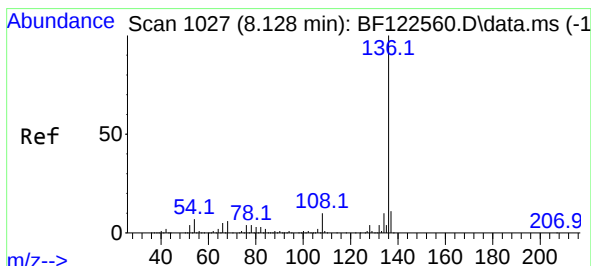
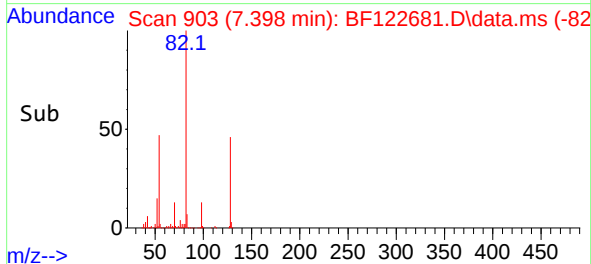
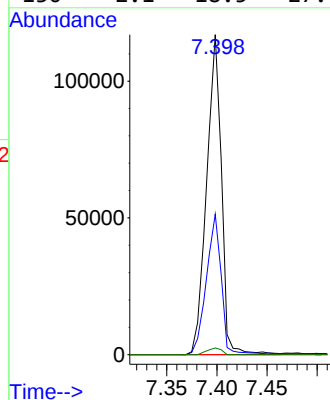
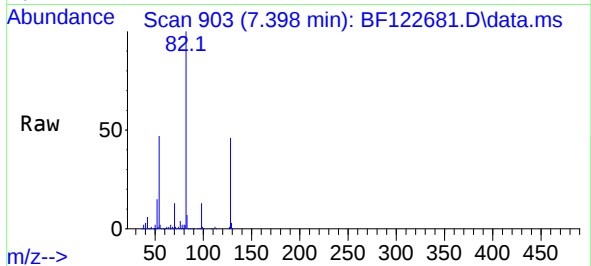




#19
n-Nitroso-di-n-propylamine
Concen: 17.33 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF122681.D
Acq: 12 Dec 2020 16:39

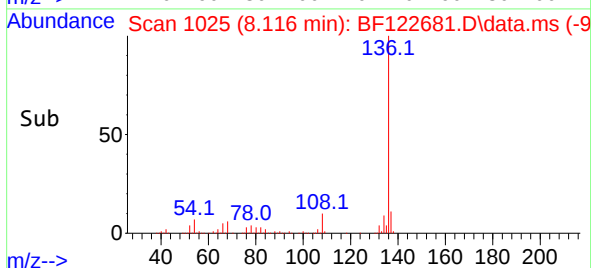
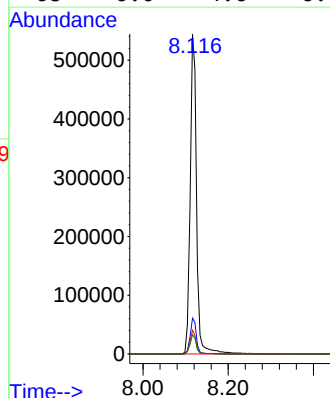
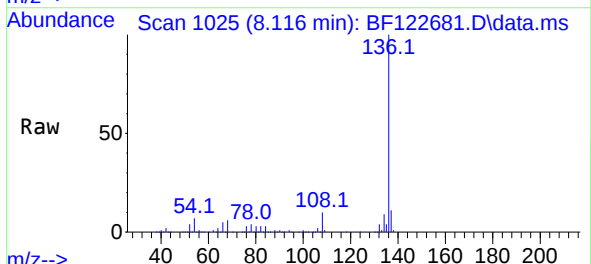
Instrument :
BNA_F
ClientSampleId :
KENS-SS2-121020-0-7

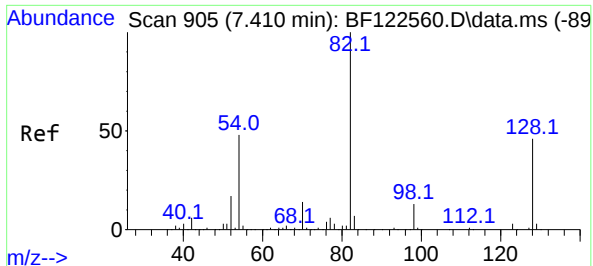
Tgt Ion: 70 Resp: 120763
Ion Ratio Lower Upper
70 100
42 43.9 43.0 64.4
101 0.0 7.9 11.9#
130 2.1 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF122681.D
Acq: 12 Dec 2020 16:39

Tgt Ion: 136 Resp: 563447
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.4 5.5 8.3
68 6.0 4.6 6.8

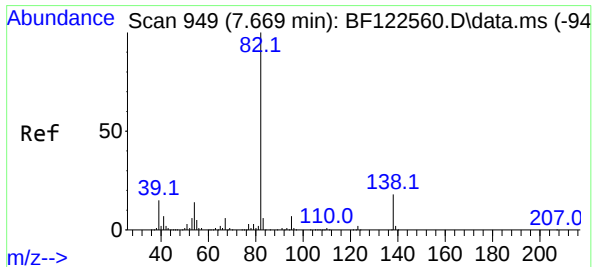
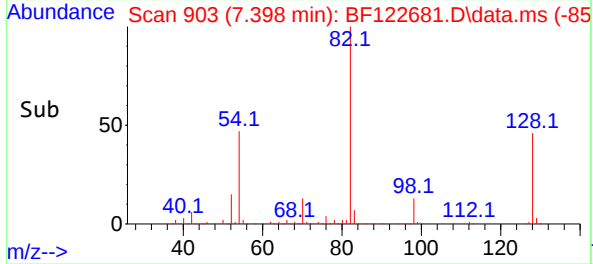
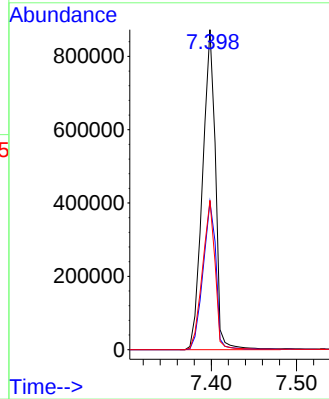
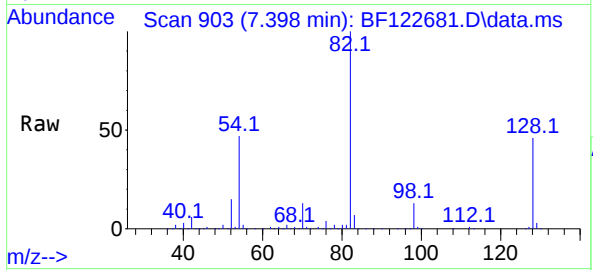




#23
Nitrobenzene-d5
Concen: 81.82 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF122681.D
Acq: 12 Dec 2020 16:39

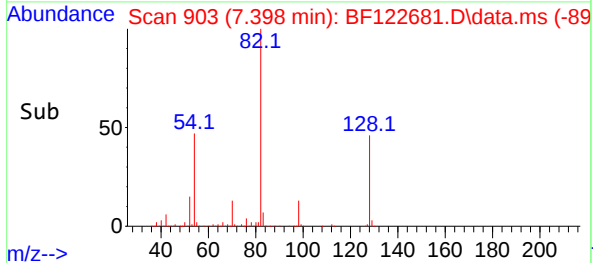
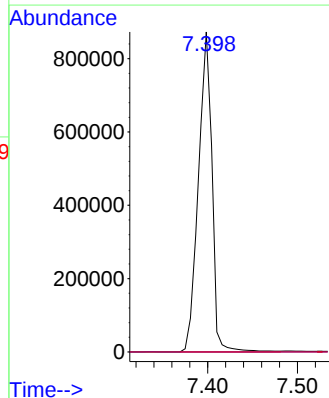
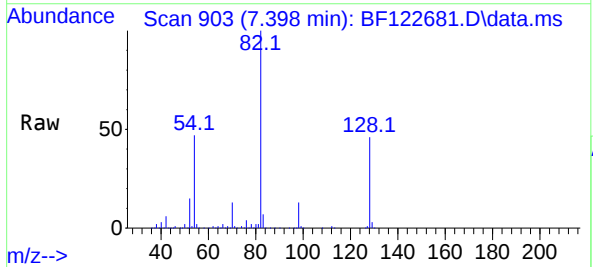
Instrument :
BNA_F
ClientSampleId :
KENS-SS2-121020-0-7

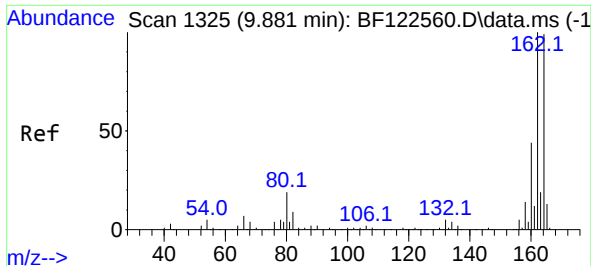
Tgt Ion: 82 Resp: 920113
Ion Ratio Lower Upper
82 100
128 46.3 37.0 55.4
54 46.6 38.4 57.6



#25
Isophorone
Concen: 47.50 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.271 min
Lab File: BF122681.D
Acq: 12 Dec 2020 16:39

Tgt Ion: 82 Resp: 920100
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: BF122681.D

Acq: 12 Dec 2020 16:39

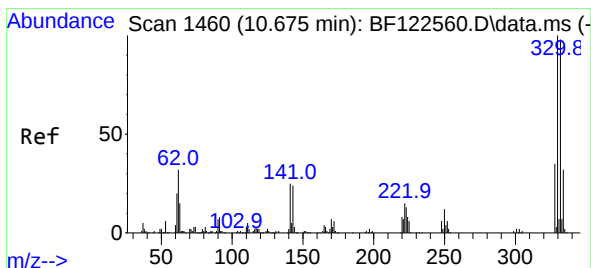
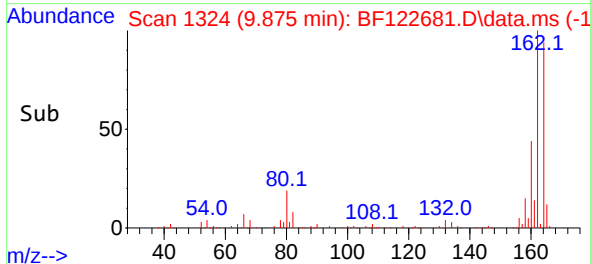
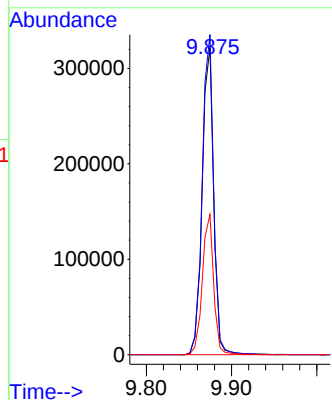
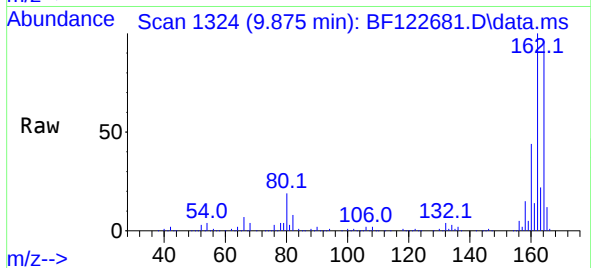
Tgt Ion:164 Resp: 300366

Ion Ratio Lower Upper

164 100

162 104.2 80.8 121.2

160 45.6 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 110.70 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.012 min

Lab File: BF122681.D

Acq: 12 Dec 2020 16:39

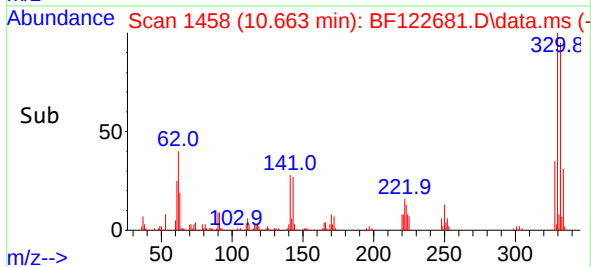
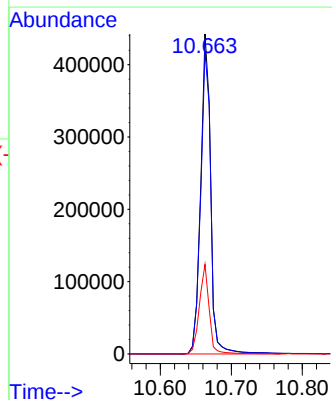
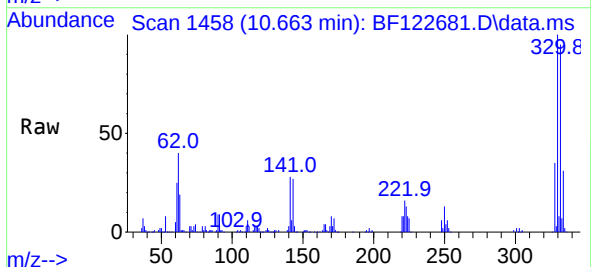
Tgt Ion:330 Resp: 435237

Ion Ratio Lower Upper

330 100

332 96.8 77.5 116.3

141 27.5 23.8 35.8

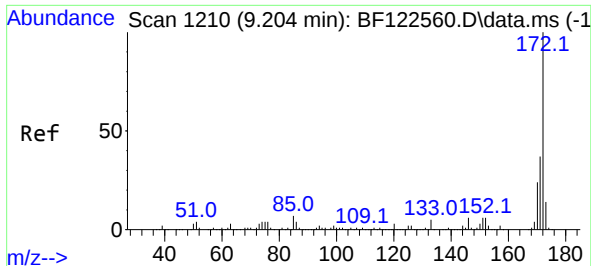


Instrument :

BNA_F

ClientSampleId :

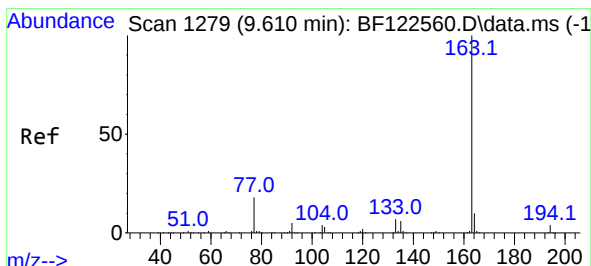
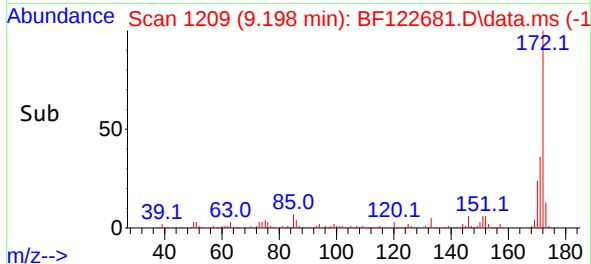
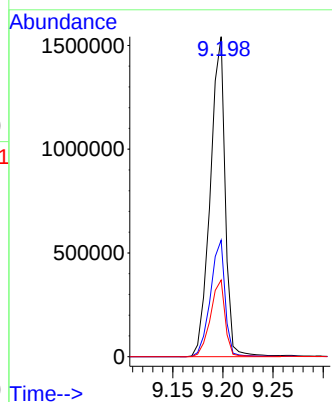
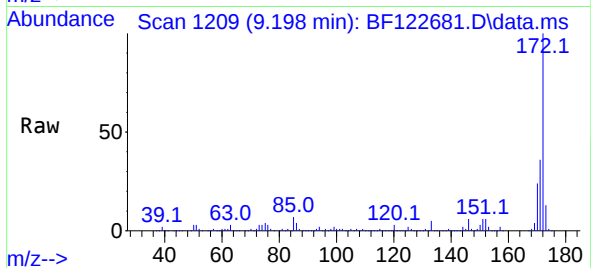
KENS-SS2-121020-0-7



#45
2-Fluorobiphenyl
Concen: 72.00 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122681.D
Acq: 12 Dec 2020 16:39

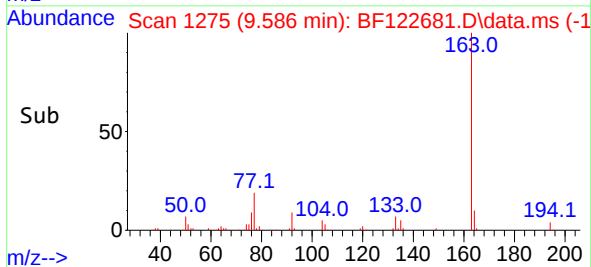
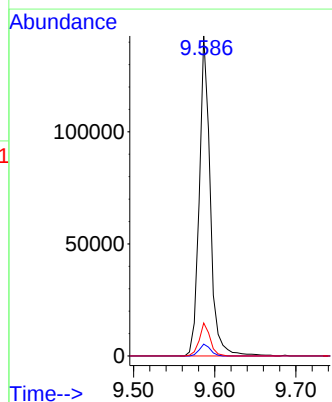
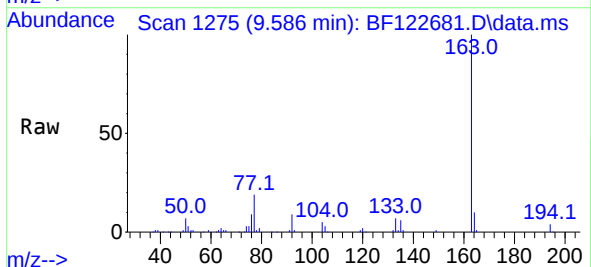
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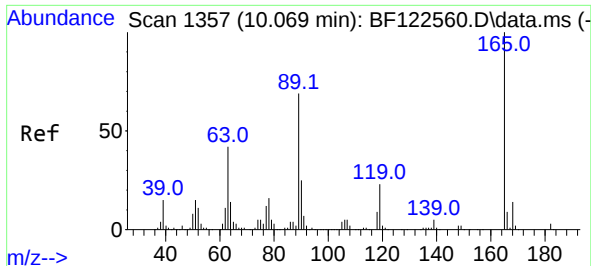
Tgt Ion:172 Resp: 1598873
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 24.0 19.5 29.3



#50
Dimethylphthalate
Concen: 5.59 ng
RT: 9.586 min Scan# 1275
Delta R.T. -0.024 min
Lab File: BF122681.D
Acq: 12 Dec 2020 16:39

Tgt Ion:163 Resp: 134089
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 10.3 8.1 12.1

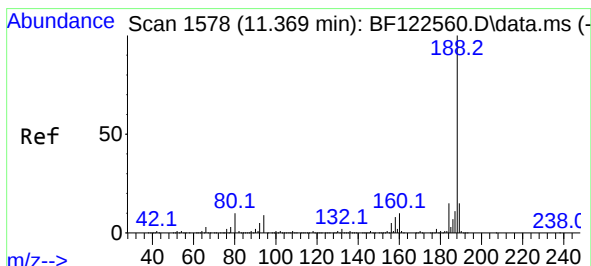
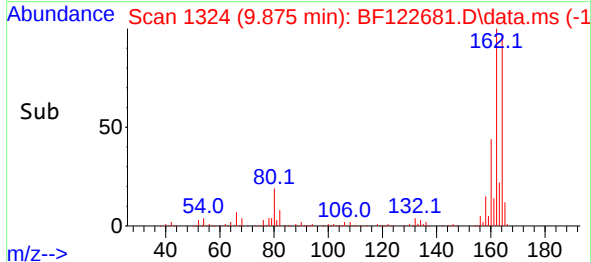
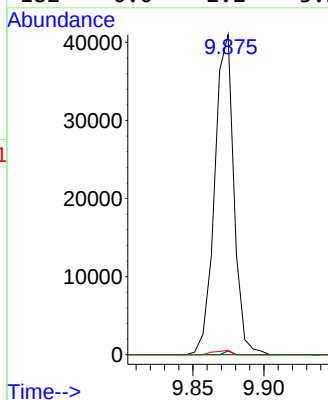
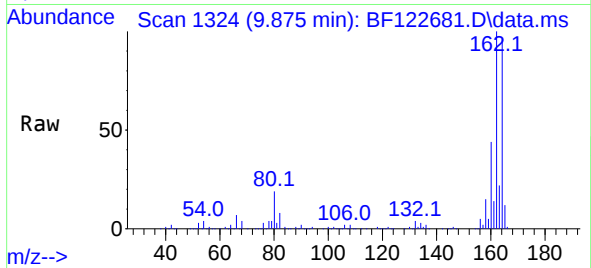




#57
2,4-Dinitrotoluene
Concen: 5.70 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122681.D
Acq: 12 Dec 2020 16:39

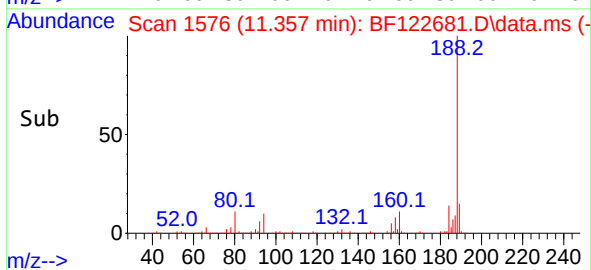
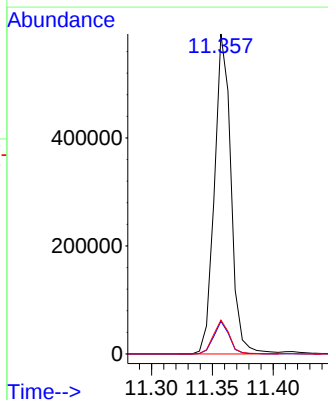
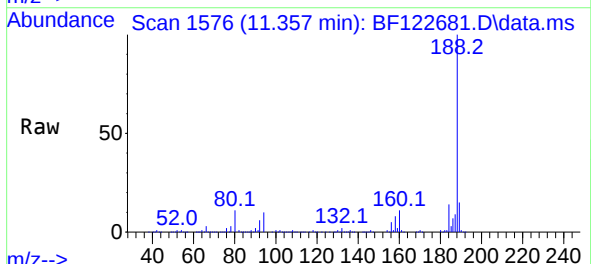
Instrument :
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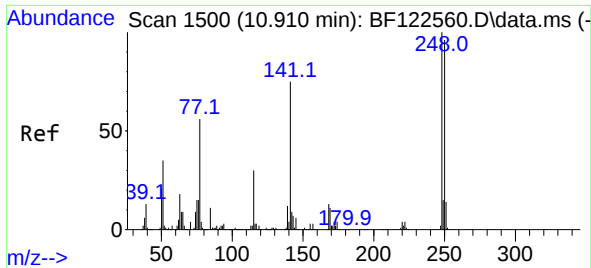
Tgt Ion:	165	Resp:	38443
Ion Ratio	Lower	Upper	
165	100		
63	1.2	34.3	51.5#
89	1.4	55.2	82.8#
182	0.0	2.2	3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BF122681.D
Acq: 12 Dec 2020 16:39

Tgt Ion:	188	Resp:	562038
Ion Ratio	Lower	Upper	
188	100		
94	10.2	7.4	11.2
80	10.6	8.2	12.4

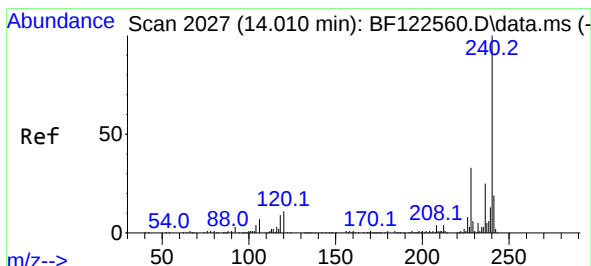
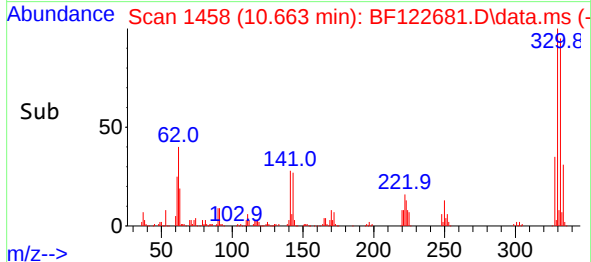
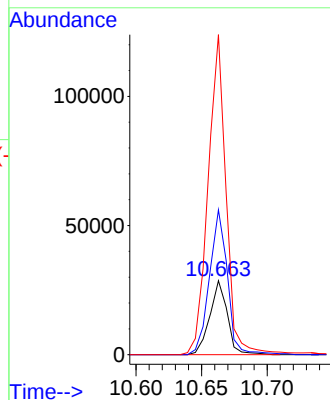
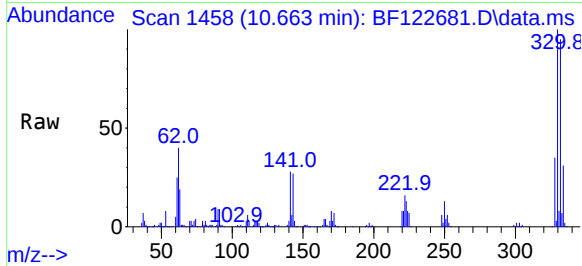




#67
4-Bromophenyl-phenylether
Concen: 3.51 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.247 min
Lab File: BF122681.D
Acq: 12 Dec 2020 16:39

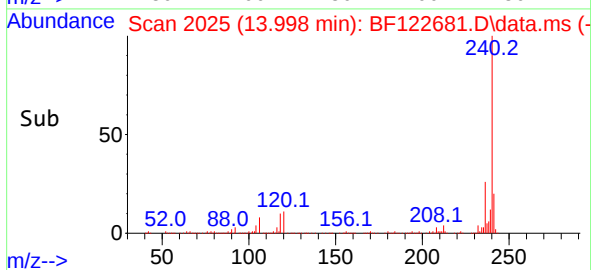
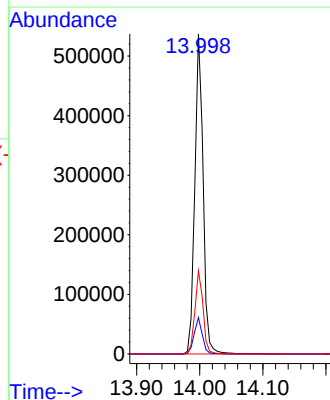
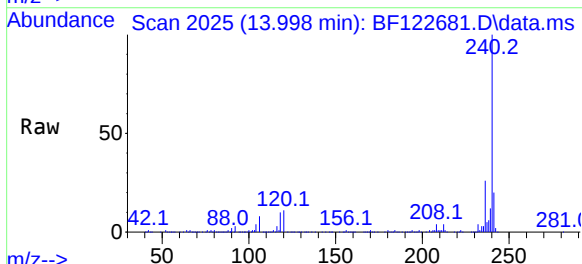
Instrument :
BNA_F
ClientSampleId :
KENS-SS2-121020-0-7

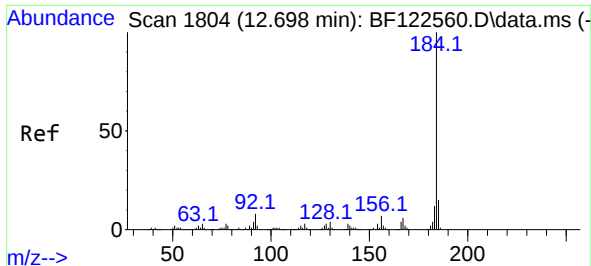
Tgt Ion:248 Resp: 26718
Ion Ratio Lower Upper
248 100
250 196.1 76.8 115.2#
141 433.1 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF122681.D
Acq: 12 Dec 2020 16:39

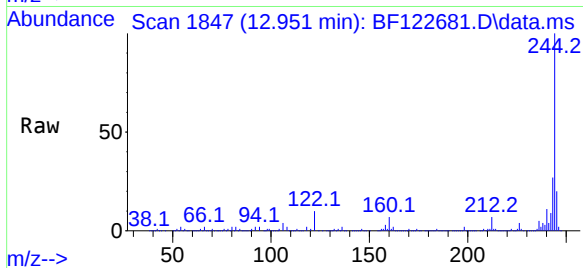
Tgt Ion:240 Resp: 491107
Ion Ratio Lower Upper
240 100
120 11.4 8.6 12.8
236 26.0 20.3 30.5



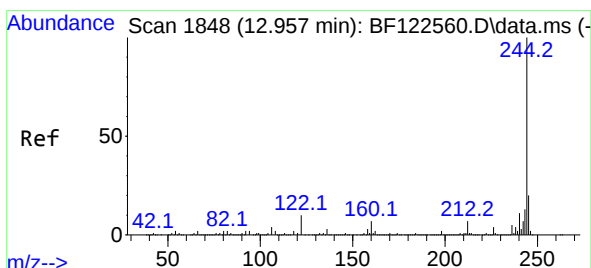
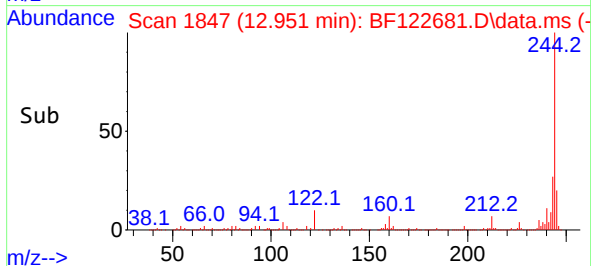
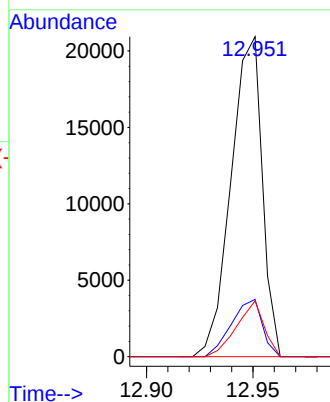


#77
Benzidine
Concen: 2.01 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.253 min
Lab File: BF122681.D
Acq: 12 Dec 2020 16:39

Instrument :
BNA_F
ClientSampleId :
KENS-SS2-121020-0-7

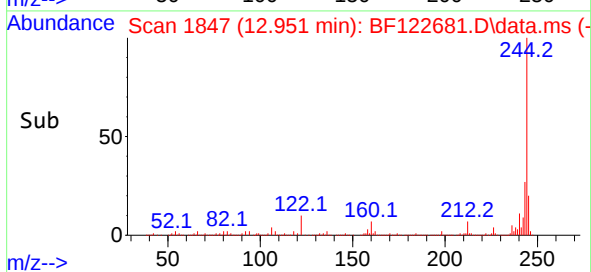
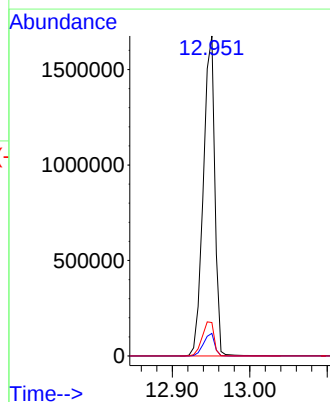
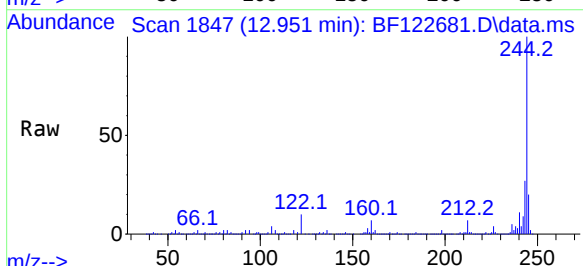


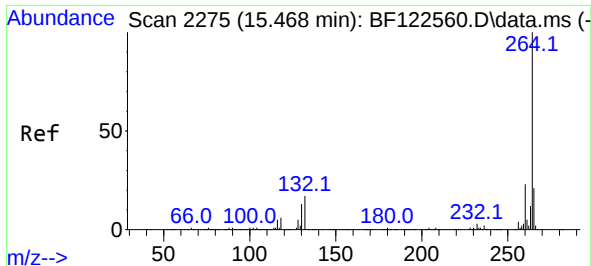
Tgt Ion:184 Resp: 21312
Ion Ratio Lower Upper
184 100
185 17.9 11.8 17.6#
183 17.4 9.7 14.5#



#79
Terphenyl-d14
Concen: 61.57 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BF122681.D
Acq: 12 Dec 2020 16:39

Tgt Ion:244 Resp: 1727308
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 10.4 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: BF122681.D
Acq: 12 Dec 2020 16:39

Instrument :
BNA_F
ClientSampleId :
KENS-SS2-121020-0-7

Tgt Ion:264 Resp: 417131
Ion Ratio Lower Upper
264 100
260 23.7 18.6 28.0
265 21.2 17.0 25.6

