

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121020\
 Data File : BF122648.D
 Acq On : 10 Dec 2020 16:10
 Operator : JU/CG
 Sample : L5009-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KENS-B5-120920-13-15

Quant Time: Dec 10 16:55:15 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)

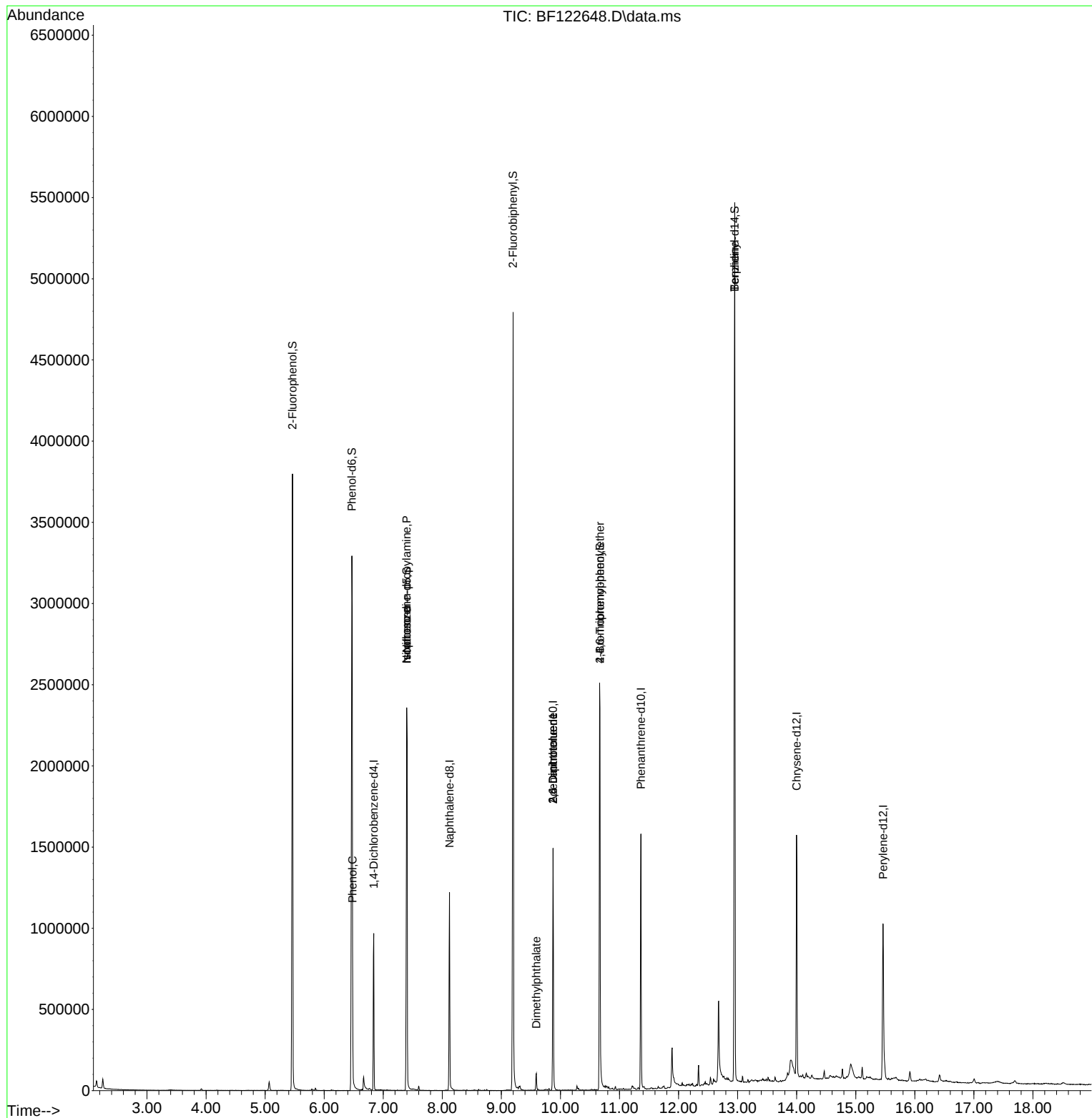
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	142392	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	564712	20.00	ng	0.00
39) Acenaphthene-d10	9.875	164	306547	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	577609	20.00	ng	0.00
76) Chrysene-d12	13.998	240	551586	20.00	ng	-0.01
86) Perylene-d12	15.462	264	508230	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1133437	126.02	ng	0.00
7) Phenol-d6	6.469	99	1443931	121.05	ng	-0.01
23) Nitrobenzene-d5	7.398	82	886381	78.64	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	396801	98.89	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1638208	72.28	ng	0.00
79) Terphenyl-d14	12.951	244	1865945	59.22	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.481	94	127306	10.30	ng	89
19) n-Nitroso-di-n-propyla...	7.398	70	117268	17.16	ng	# 77
25) Isophorone	7.398	82	871950	44.92	ng	# 65
50) Dimethylphthalate	9.592	163	52500	2.14	ng	98
51) 2,6-Dinitrotoluene	9.875	165	39140	7.57	ng	# 31
57) 2,4-Dinitrotoluene	9.875	165	39140	5.68	ng	# 26
67) 4-Bromophenyl-phenylether	10.669	248	23817	3.04	ng	# 1
77) Benzidine	12.951	184	23996	2.01	ng	# 94

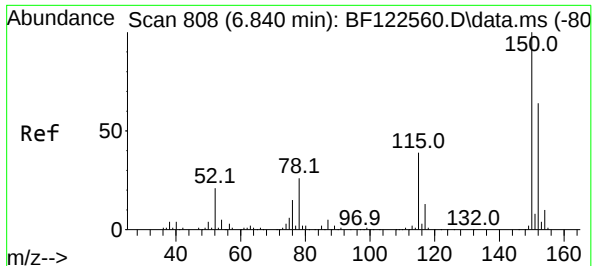
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121020\
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Quant Time: Dec 10 16:55:15 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

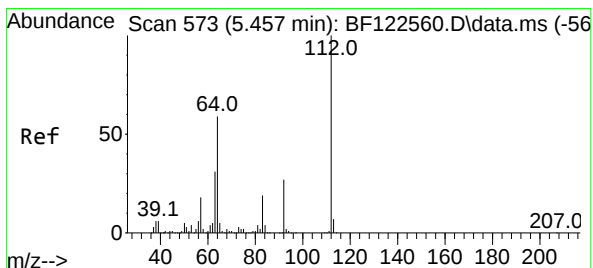
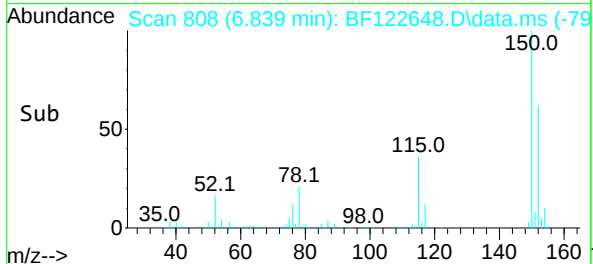
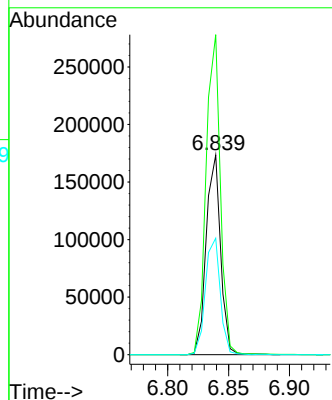
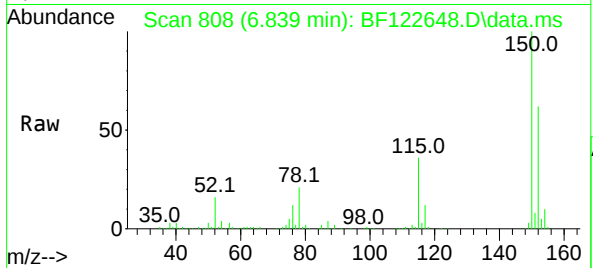




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.001 min
Lab File: BF122648.D
Acq: 10 Dec 2020 16:10

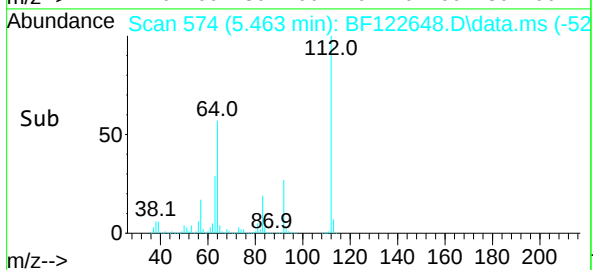
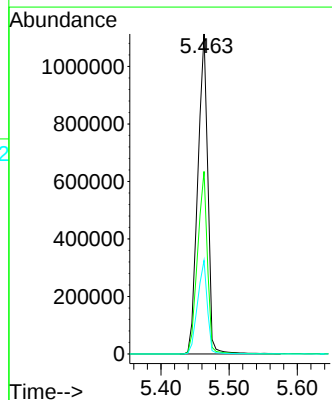
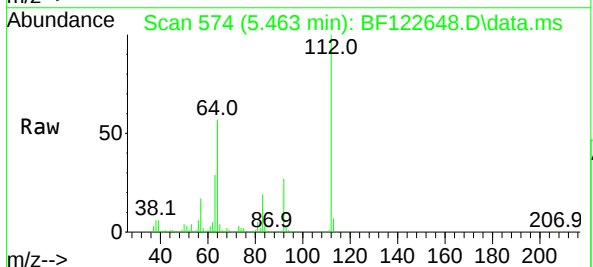
Instrument :
BNA_F
ClientSampleId :
KENS-B5-120920-13-15

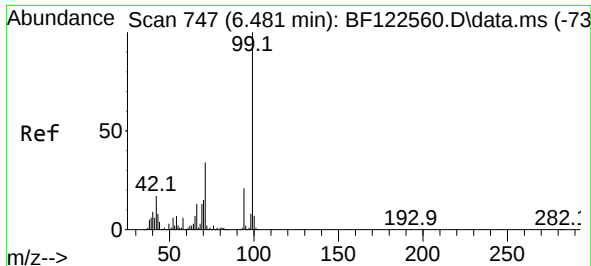
Tgt Ion:152 Resp: 142392
Ion Ratio Lower Upper
152 100
150 160.3 125.8 188.6
115 58.4 49.3 73.9



#5
2-Fluorophenol
Concen: 126.02 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.006 min
Lab File: BF122648.D
Acq: 10 Dec 2020 16:10

Tgt Ion:112 Resp: 1133437
Ion Ratio Lower Upper
112 100
64 57.1 46.9 70.3
63 29.3 24.5 36.7



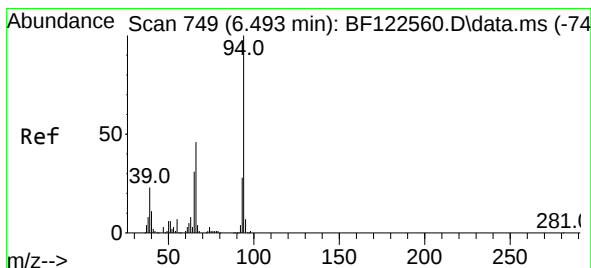
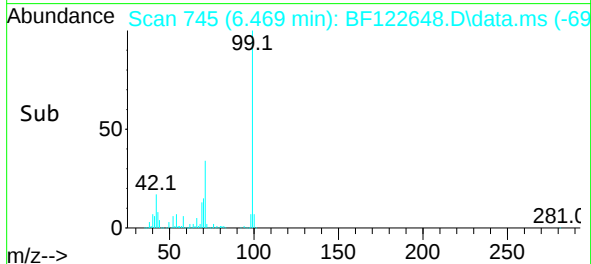
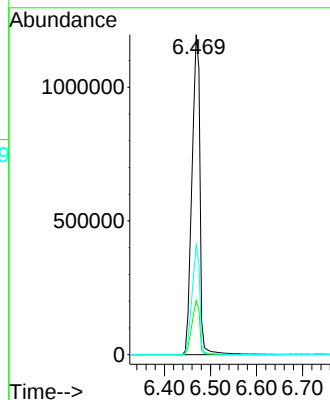
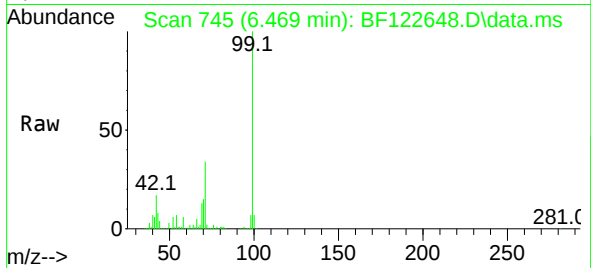


#7
Phenol-d6
Concen: 121.05 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF122648.D
Acq: 10 Dec 2020 16:10

Instrument :
BNA_F
ClientSampleId :
KENS-B5-120920-13-15

Tgt Ion: 99 Resp: 1443931

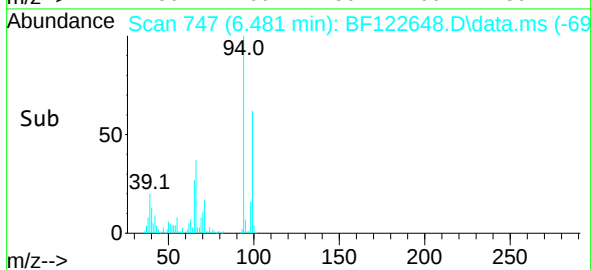
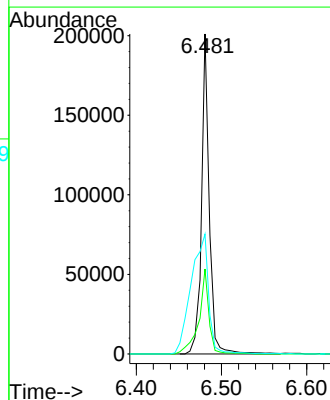
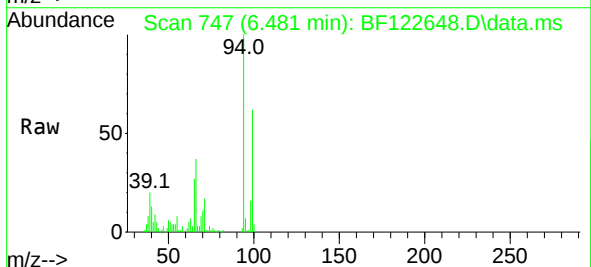
Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.8	20.6
71	34.4	26.9	40.3

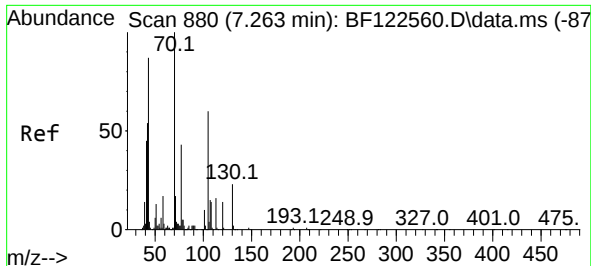


#10
Phenol
Concen: 10.30 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF122648.D
Acq: 10 Dec 2020 16:10

Tgt Ion: 94 Resp: 127306

Ion	Ratio	Lower	Upper
94	100		
65	26.6	11.2	51.2
66	37.5	25.8	65.8



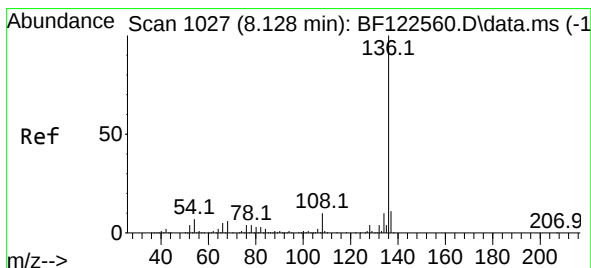
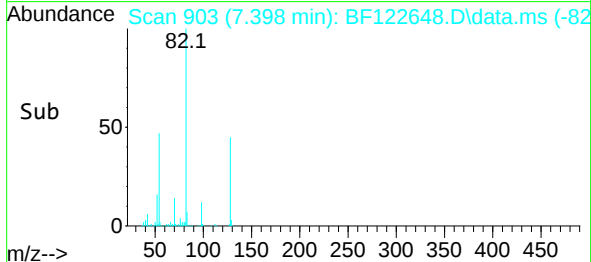
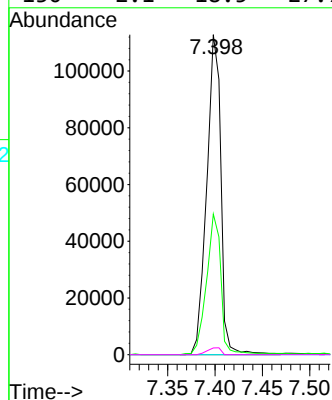
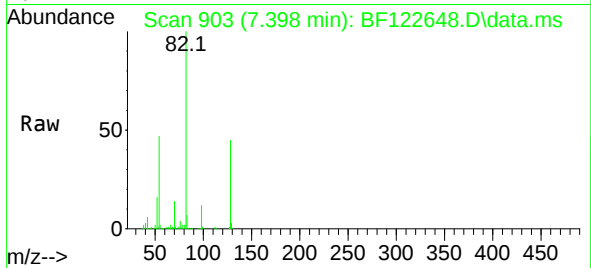


#19
n-Nitroso-di-n-propylamine
Concen: 17.16 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF122648.D
Acq: 10 Dec 2020 16:10

Instrument :
BNA_F
ClientSampleId :
KENS-B5-120920-13-15

Tgt Ion: 70 Resp: 117268

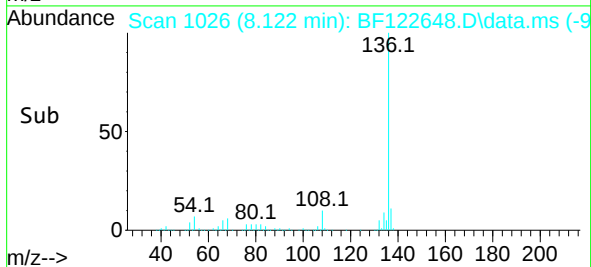
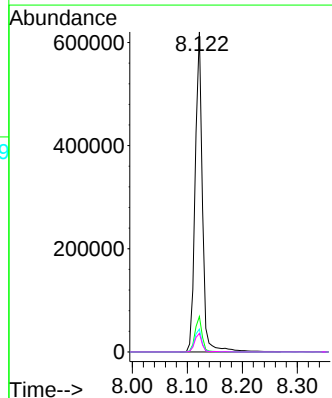
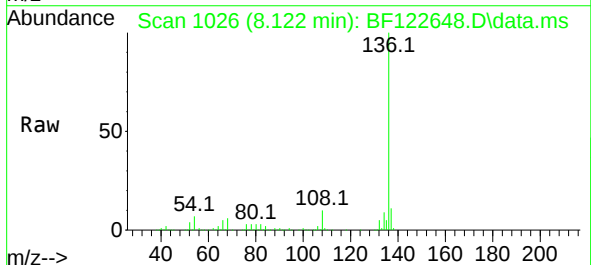
Ion	Ratio	Lower	Upper
70	100		
42	44.0	43.0	64.4
101	0.0	7.9	11.9#
130	2.1	18.5	27.7#

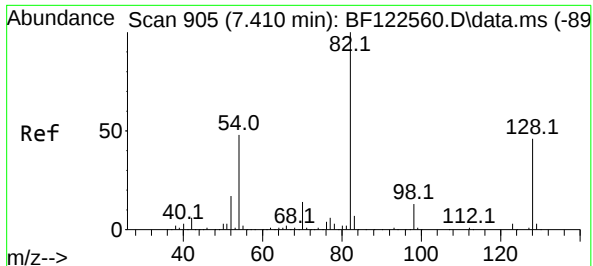


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122648.D
Acq: 10 Dec 2020 16:10

Tgt Ion: 136 Resp: 564712

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.1	5.5	8.3
68	5.8	4.6	6.8





#23

Nitrobenzene-d5

Concen: 78.64 ng

RT: 7.398 min Scan# 903

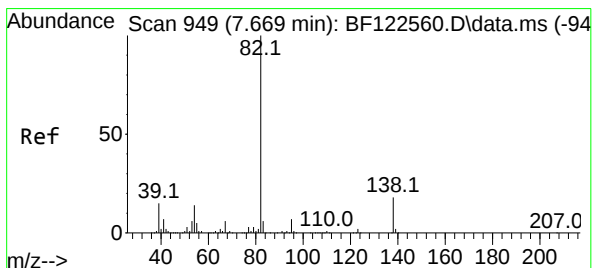
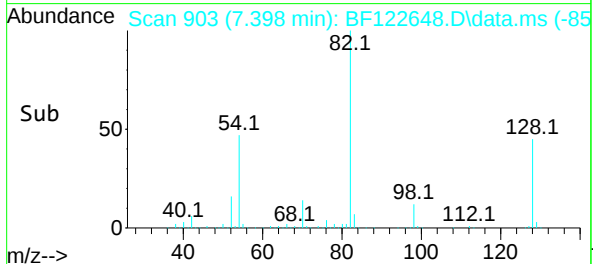
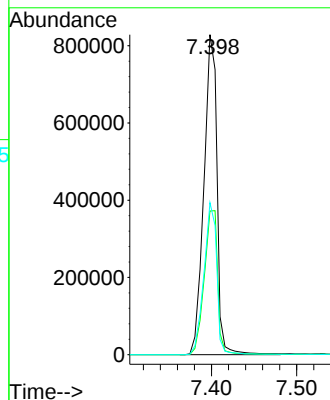
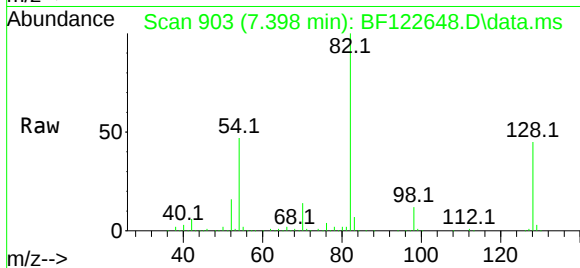
Delta R.T. -0.012 min

Lab File: BF122648.D

Acq: 10 Dec 2020 16:10

Tgt Ion: 82 Resp: 886381

Ion	Ratio	Lower	Upper
82	100		
128	44.9	37.0	55.4
54	47.5	38.4	57.6



#25

Isophorone

Concen: 44.92 ng

RT: 7.398 min Scan# 903

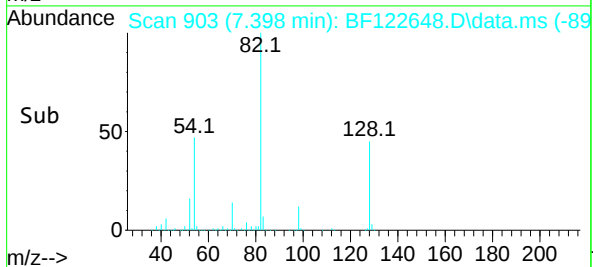
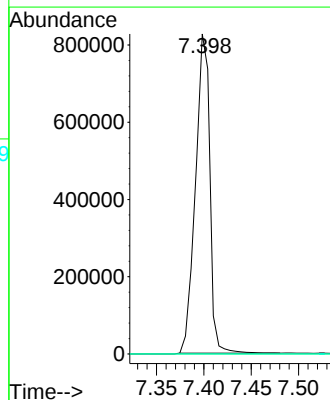
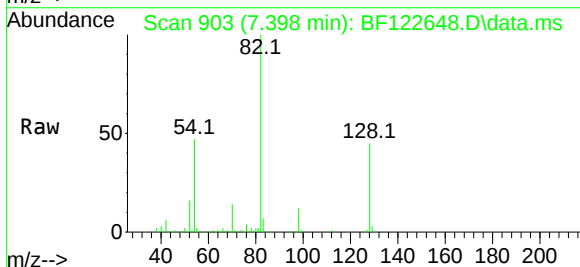
Delta R.T. -0.271 min

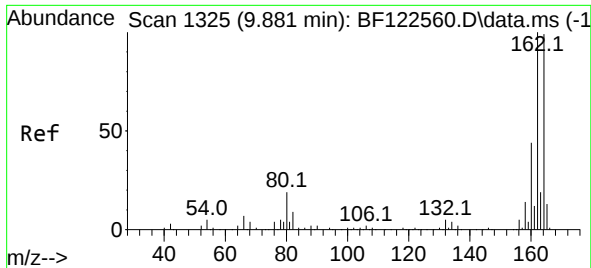
Lab File: BF122648.D

Acq: 10 Dec 2020 16:10

Tgt Ion: 82 Resp: 871950

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.6	21.8#

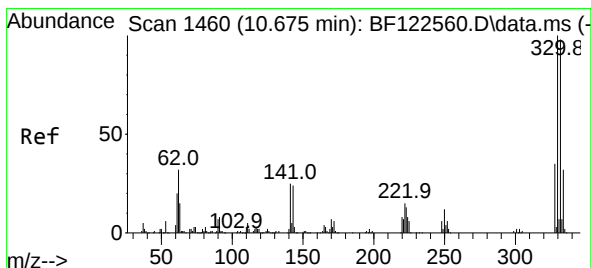
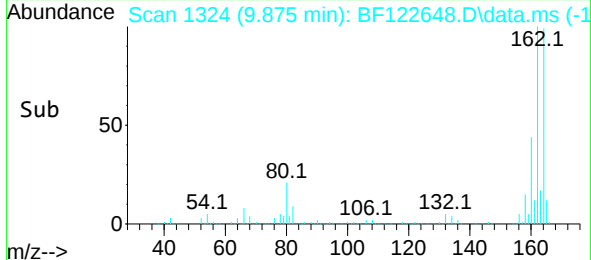
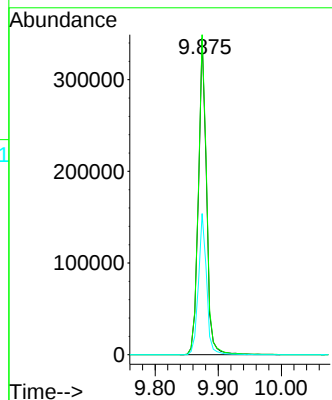
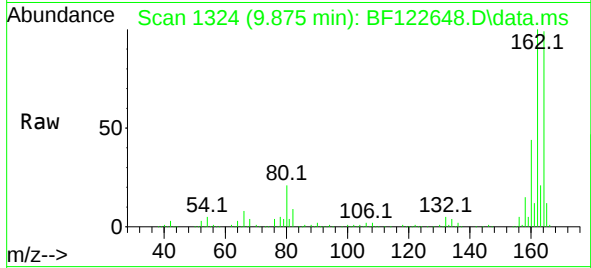




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF122648.D
Acq: 10 Dec 2020 16:10

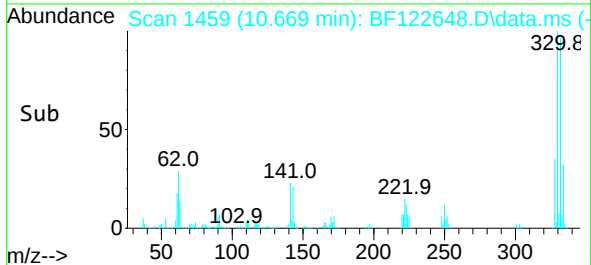
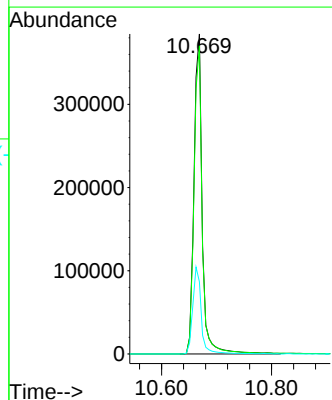
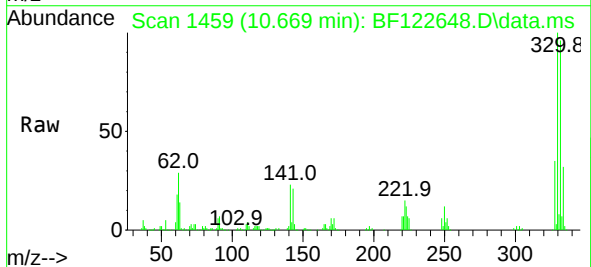
Instrument :
BNA_F
ClientSampleId :
KENS-B5-120920-13-15

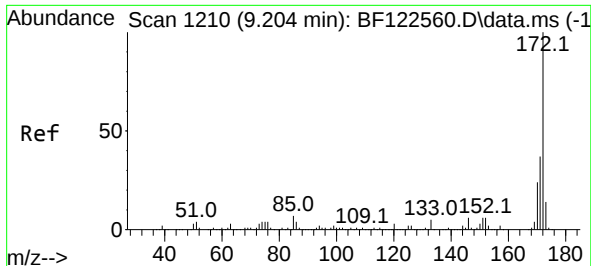
Tgt Ion:164 Resp: 306547
Ion Ratio Lower Upper
164 100
162 101.1 80.8 121.2
160 44.6 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 98.89 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF122648.D
Acq: 10 Dec 2020 16:10

Tgt Ion:330 Resp: 396801
Ion Ratio Lower Upper
330 100
332 95.8 77.5 116.3
141 28.2 23.8 35.8

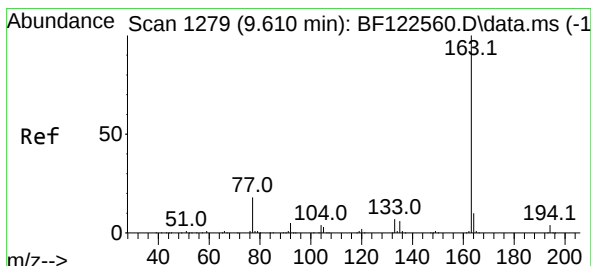
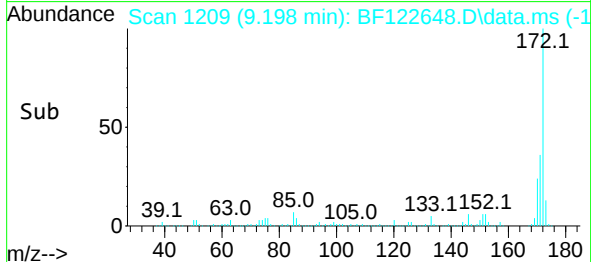
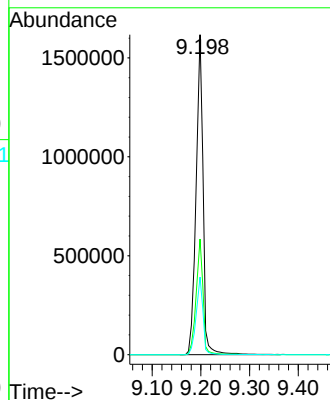
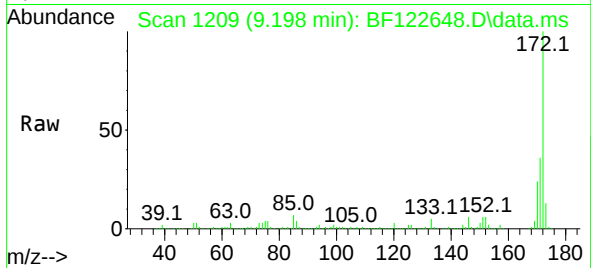




#45
2-Fluorobiphenyl
Concen: 72.28 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122648.D
Acq: 10 Dec 2020 16:10

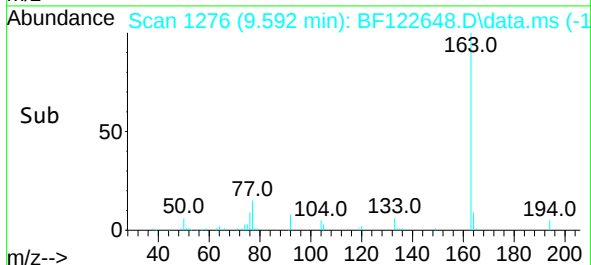
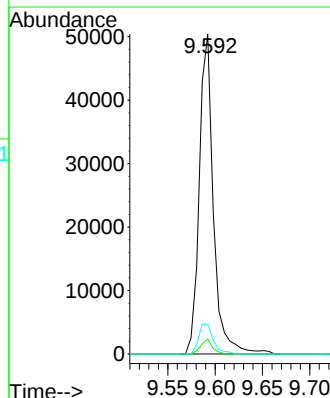
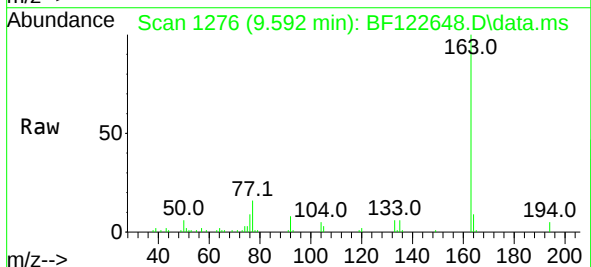
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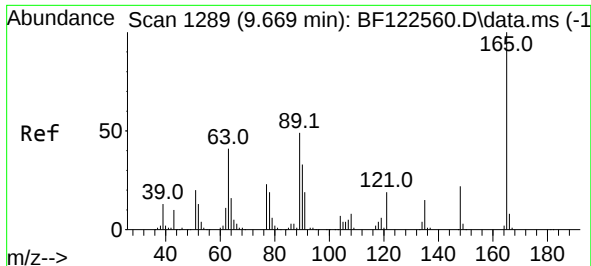
Tgt Ion:172 Resp: 1638208
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 24.2 19.5 29.3



#50
Dimethylphthalate
Concen: 2.14 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.018 min
Lab File: BF122648.D
Acq: 10 Dec 2020 16:10

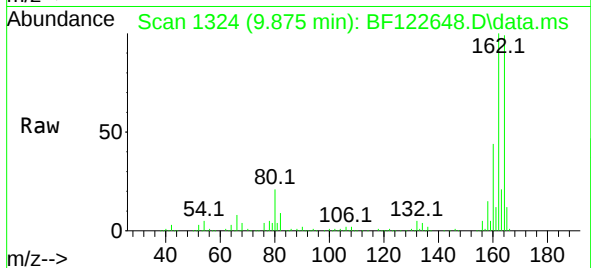
Tgt Ion:163 Resp: 52500
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.0
164 9.3 8.1 12.1



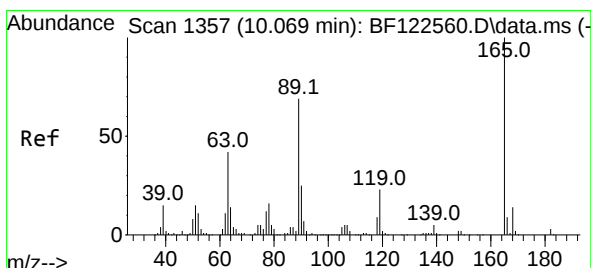
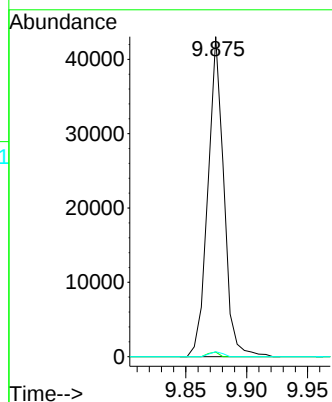
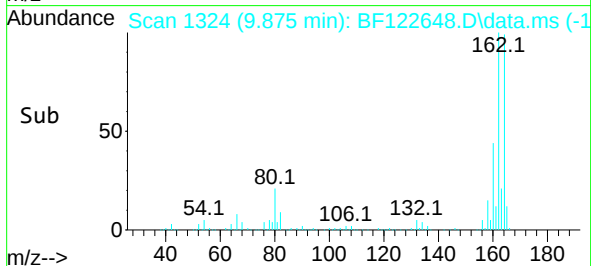


#51
2,6-Dinitrotoluene
Concen: 7.57 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122648.D
Acq: 10 Dec 2020 16:10

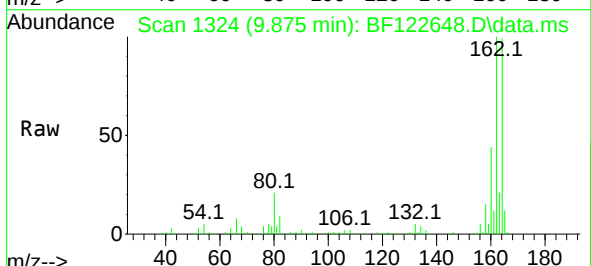
Instrument :
BNA_F
ClientSampleId :
KENS-B5-120920-13-15



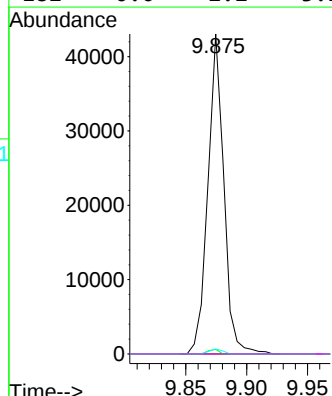
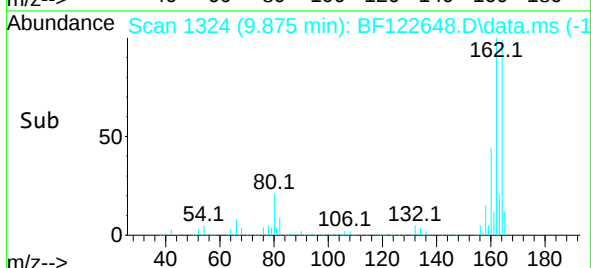
Tgt Ion:165 Resp: 39140
Ion Ratio Lower Upper
165 100
63 1.5 36.6 55.0#
89 1.5 39.4 59.0#

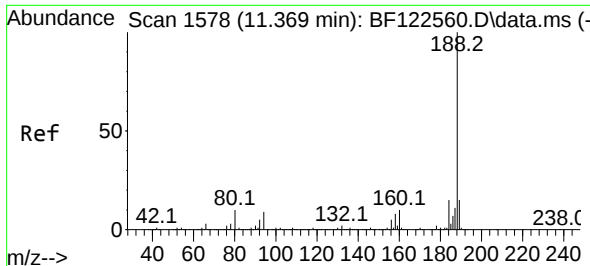


#57
2,4-Dinitrotoluene
Concen: 5.68 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122648.D
Acq: 10 Dec 2020 16:10



Tgt Ion:165 Resp: 39140
Ion Ratio Lower Upper
165 100
63 1.5 34.3 51.5#
89 1.5 55.2 82.8#
182 0.0 2.2 3.2#

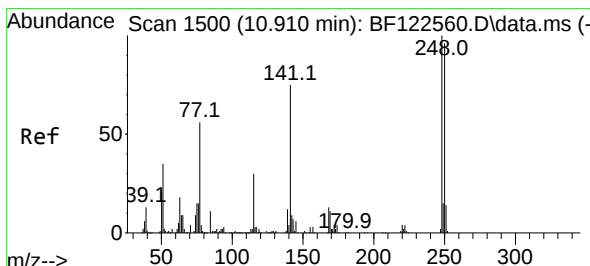
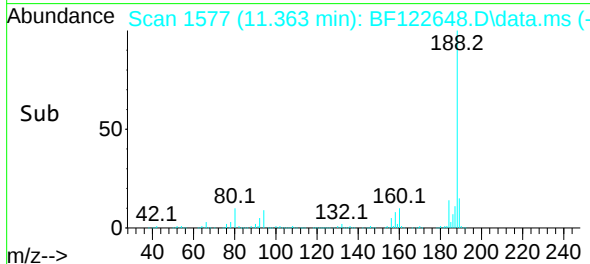
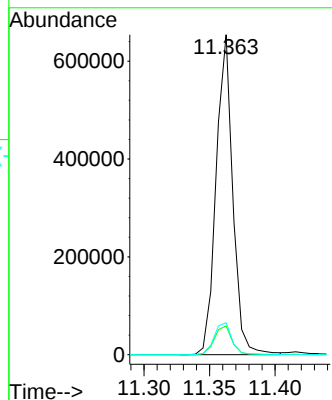
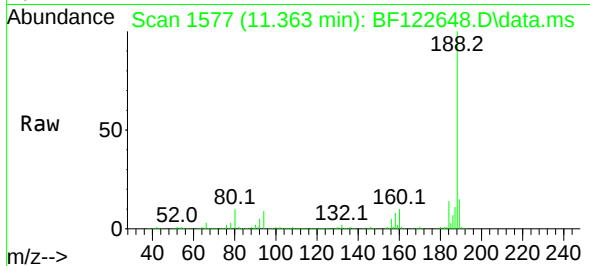




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122648.D
Acq: 10 Dec 2020 16:10

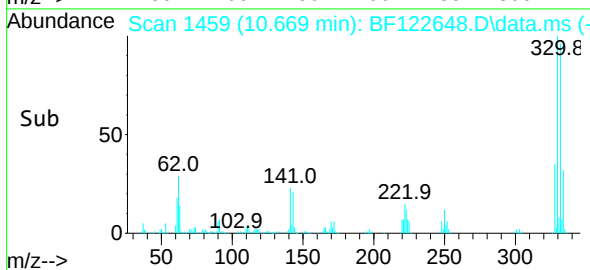
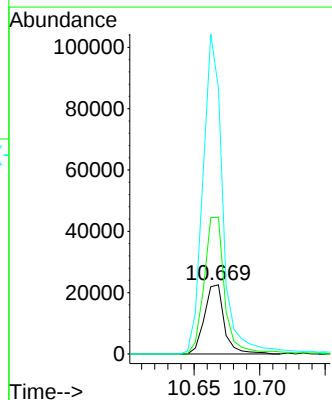
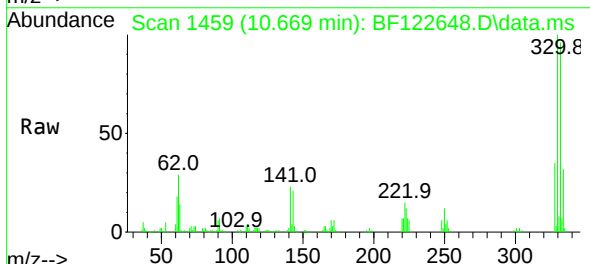
Instrument :
BNA_F
ClientSampleId :
KENS-B5-120920-13-15

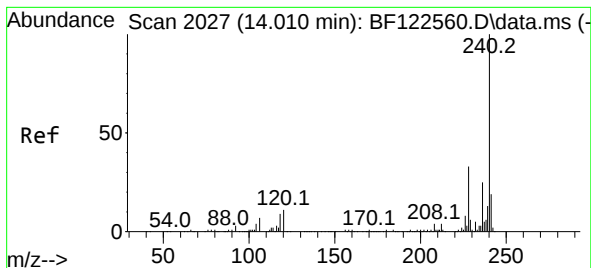
Tgt Ion:188 Resp: 577609
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 10.0 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 3.04 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.241 min
Lab File: BF122648.D
Acq: 10 Dec 2020 16:10

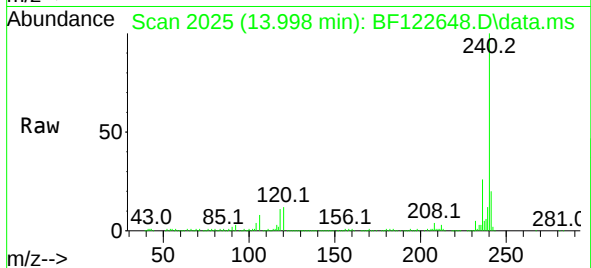
Tgt Ion:248 Resp: 23817
Ion Ratio Lower Upper
248 100
250 197.7 76.8 115.2#
141 383.9 59.8 89.8#



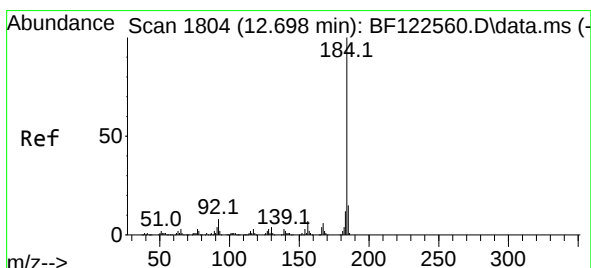
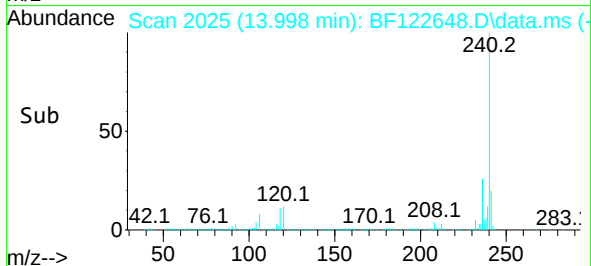
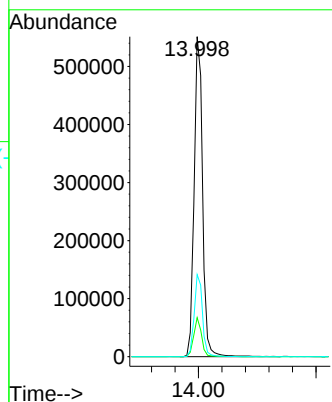


#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF122648.D
Acq: 10 Dec 2020 16:10

Instrument :
BNA_F
ClientSampleId :
KENS-B5-120920-13-15

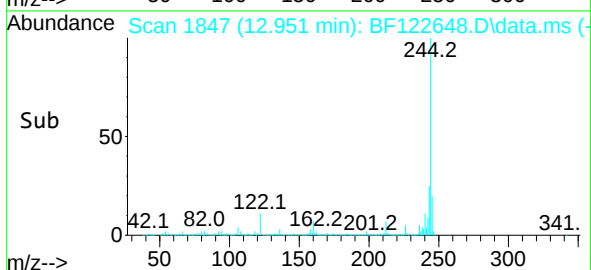
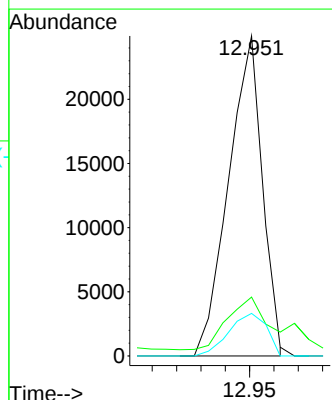
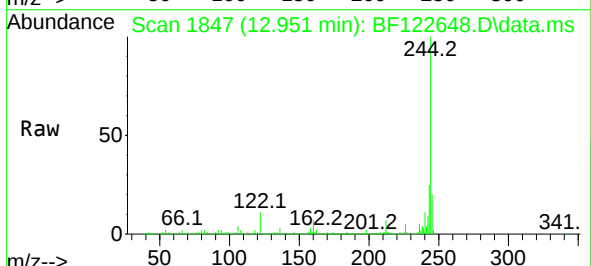


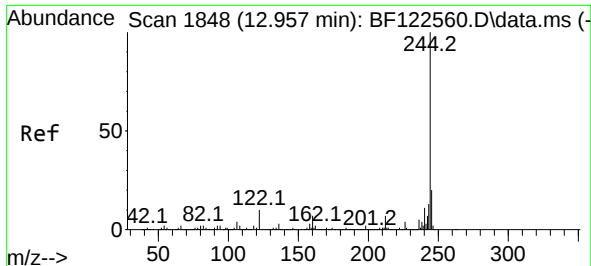
Tgt Ion:240 Resp: 551586
Ion Ratio Lower Upper
240 100
120 12.2 8.6 12.8
236 25.6 20.3 30.5



#77
Benzidine
Concen: 2.01 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.253 min
Lab File: BF122648.D
Acq: 10 Dec 2020 16:10

Tgt Ion:184 Resp: 23996
Ion Ratio Lower Upper
184 100
185 18.4 11.8 17.6#
183 13.3 9.7 14.5

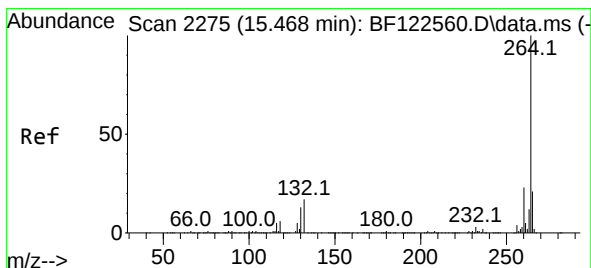
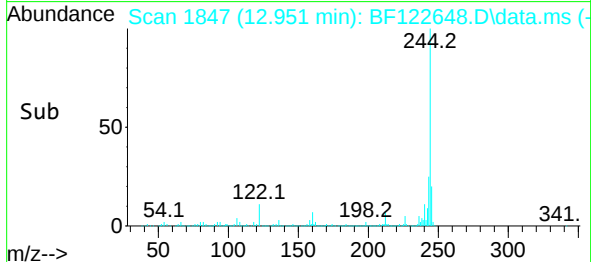
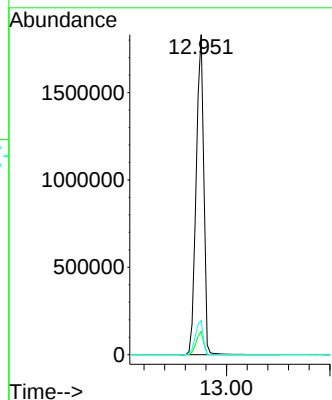
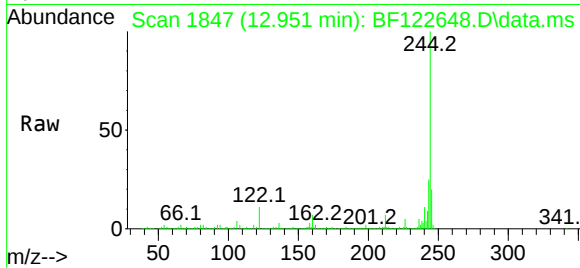




#79
 Terphenyl-d14
 Concen: 59.22 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF122648.D
 Acq: 10 Dec 2020 16:10

Instrument :
 BNA_F
 ClientSampleId :
 KENS-B5-120920-13-15

Tgt Ion:244 Resp: 1865945
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 10.6 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: BF122648.D
 Acq: 10 Dec 2020 16:10

Tgt Ion:264 Resp: 508230
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 28.0
 265 21.2 17.0 25.6

