

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112020\
 Data File : BF122401.D
 Acq On : 20 Nov 2020 14:03
 Operator : JU/CG
 Sample : L4800-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KENS-B1-111820-8-10

Quant Time: Nov 20 14:42:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 13:27:02 2020
 Response via : Initial Calibration

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

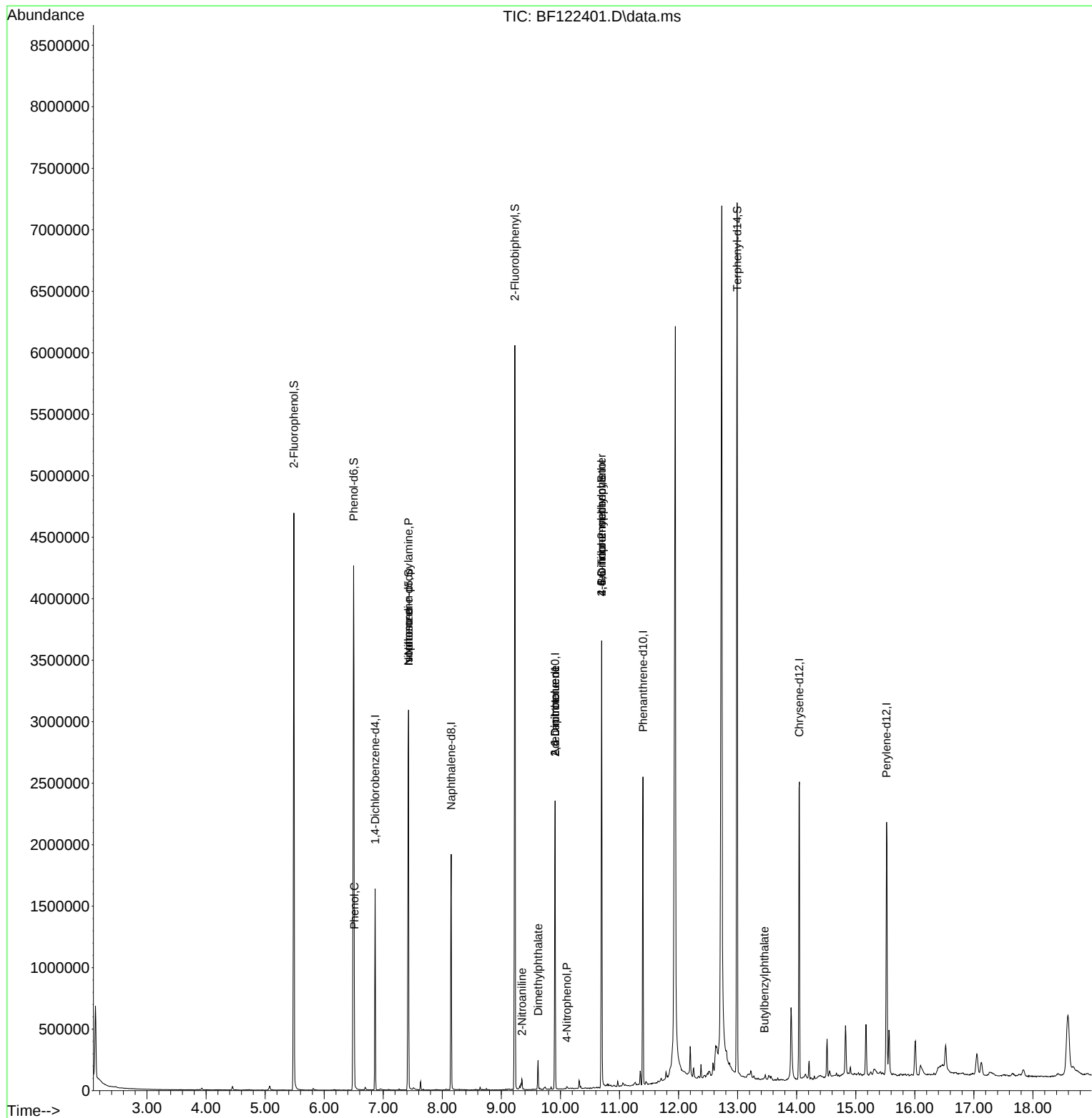
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	212519	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	835371	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	459212	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	874522	20.00	ng	0.00
76) Chrysene-d12	14.045	240	892216	20.00	ng	0.00
86) Perylene-d12	15.521	264	952768	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1302338	94.10	ng	0.00
7) Phenol-d6	6.498	99	1670499	92.26	ng	-0.01
23) Nitrobenzene-d5	7.428	82	1032610	75.67	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	450557	91.42	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1934288	65.81	ng	0.00
79) Terphenyl-d14	12.992	244	2316076	54.99	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.404	77	248	Below Cal	#	3
10) Phenol	6.510	94	149690	8.40	ng	78
19) n-Nitroso-di-n-propyla...	7.428	70	140372	12.97	ng	# 73
25) Isophorone	7.428	82	1026936	33.76	ng	# 67
48) 2-Nitroaniline	9.351	65	847	5.26	ng	# 6
50) Dimethylphthalate	9.622	163	92173	2.82	ng	99
51) 2,6-Dinitrotoluene	9.910	165	59313	11.33	ng	# 21
56) 4-Nitrophenol	10.110	139	143	5.43	ng	# 10
57) 2,4-Dinitrotoluene	9.910	165	59313	10.56	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.698	198	1008	6.48	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	29411	2.86	ng	# 1
80) Butylbenzylphthalate	13.457	149	1277	3.34	ng	# 61

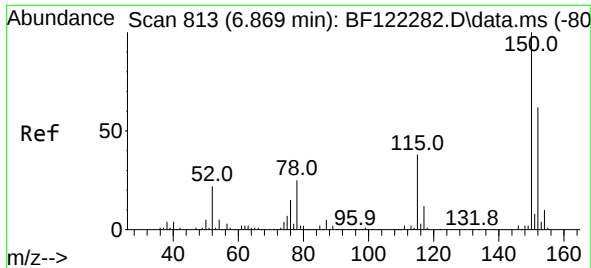
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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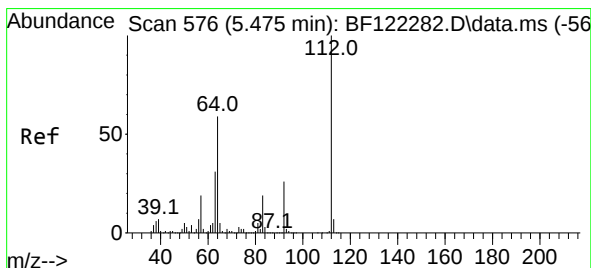
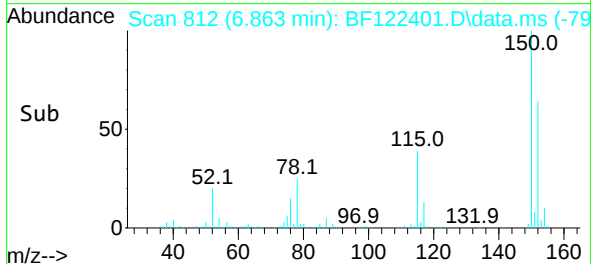
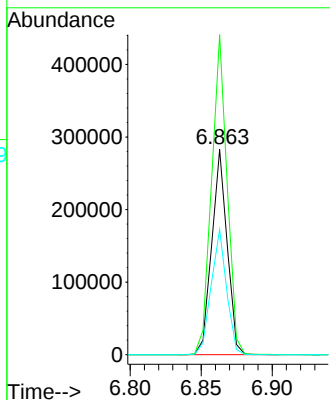
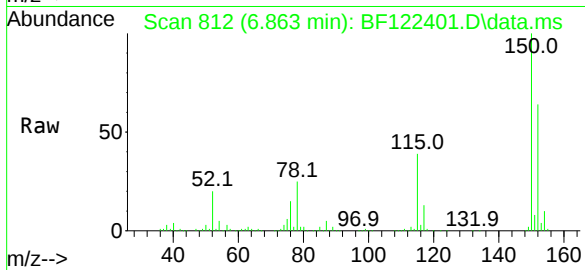




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122401.D
Acq: 20 Nov 2020 14:03

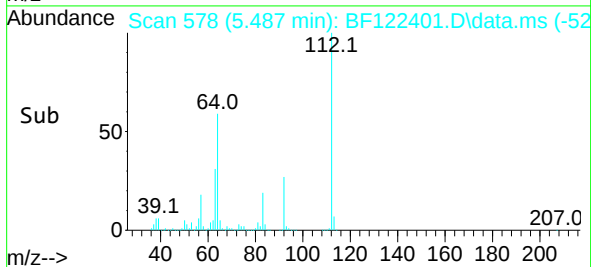
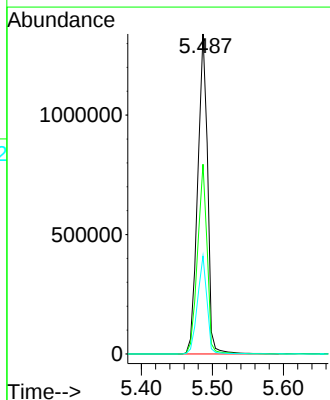
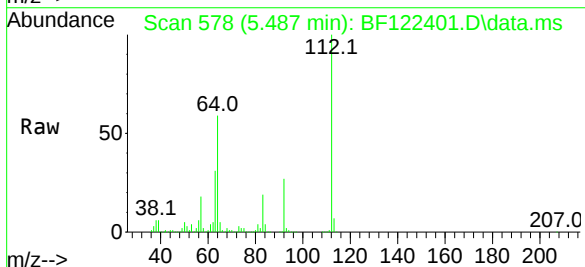
Instrument :
BNA_F
ClientSampleId :
KENS-B1-111820-8-10

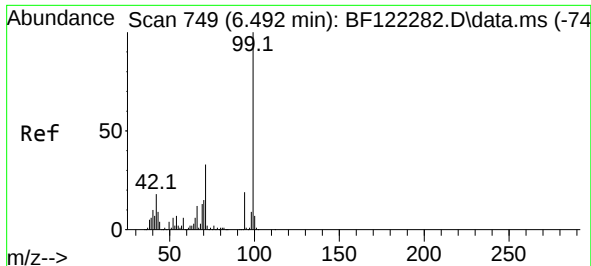
Tgt Ion:152 Resp: 212519
Ion Ratio Lower Upper
152 100
150 155.8 125.3 187.9
115 61.0 51.9 77.9



#5
2-Fluorophenol
Concen: 94.10 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF122401.D
Acq: 20 Nov 2020 14:03

Tgt Ion:112 Resp: 1302338
Ion Ratio Lower Upper
112 100
64 59.3 50.4 75.6
63 30.6 25.8 38.6

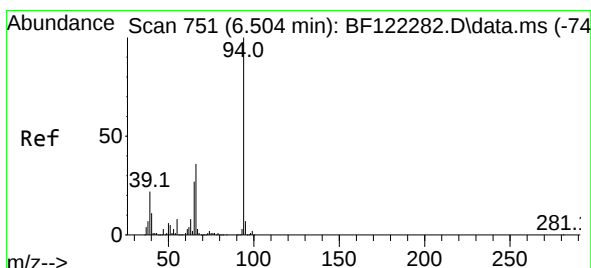
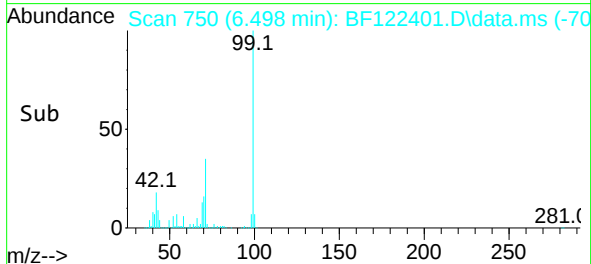
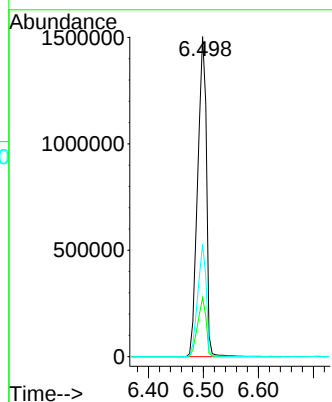
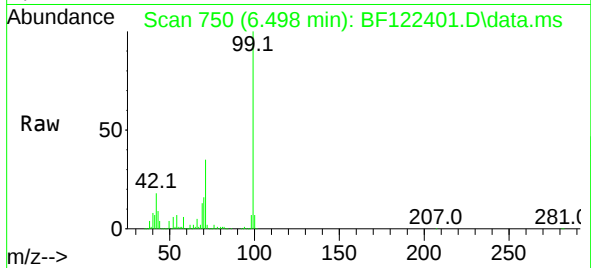




#7
Phenol-d6
Concen: 92.26 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF122401.D
Acq: 20 Nov 2020 14:03

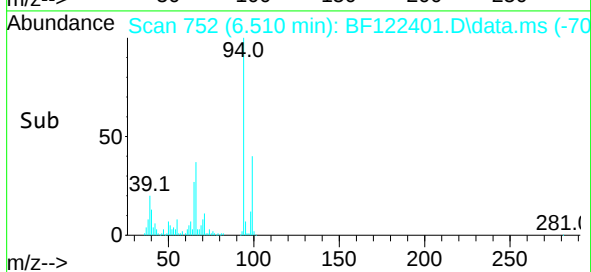
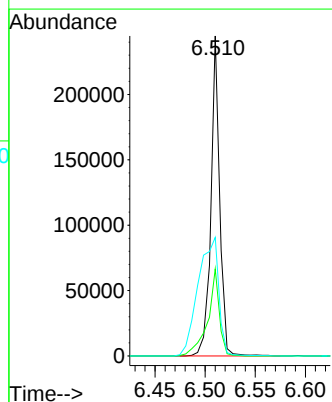
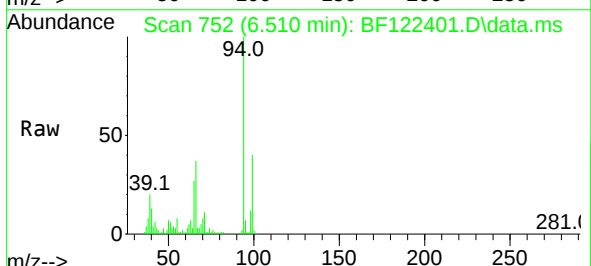
Instrument :
BNA_F
ClientSampleId :
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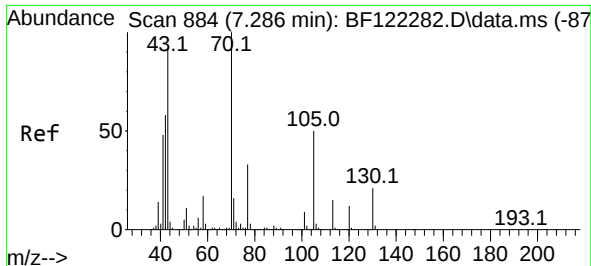
Tgt Ion: 99 Resp: 1670499
Ion Ratio Lower Upper
99 100
42 18.4 15.9 23.9
71 35.2 27.1 40.7



#10
Phenol
Concen: 8.40 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF122401.D
Acq: 20 Nov 2020 14:03

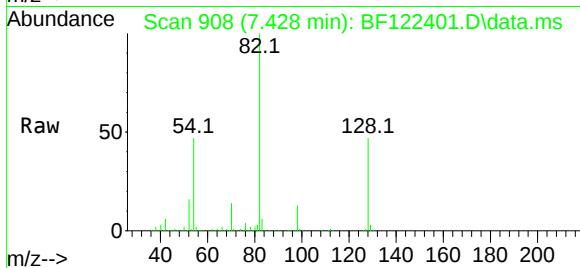
Tgt Ion: 94 Resp: 149690
Ion Ratio Lower Upper
94 100
65 27.2 17.1 57.1
66 37.0 36.0 76.0



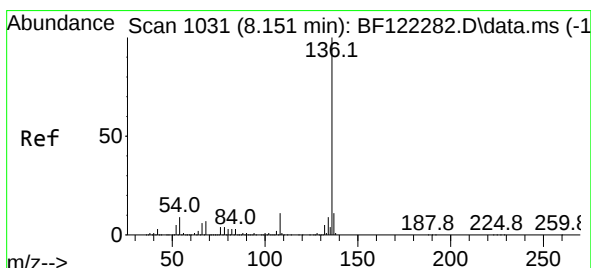
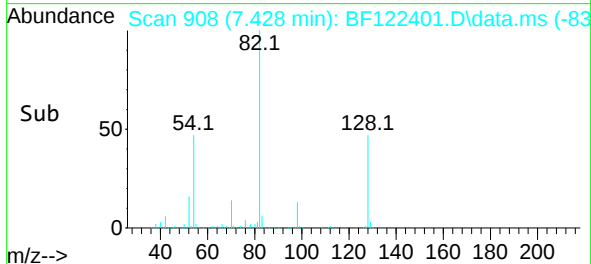
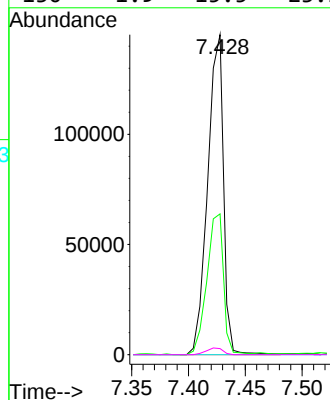


#19
n-Nitroso-di-n-propylamine
Concen: 12.97 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF122401.D
Acq: 20 Nov 2020 14:03

Instrument :
BNA_F
ClientSampleId :
KENS-B1-111820-8-10

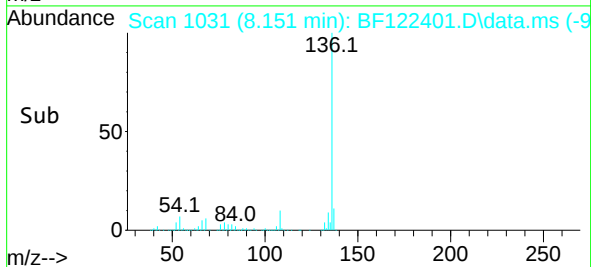
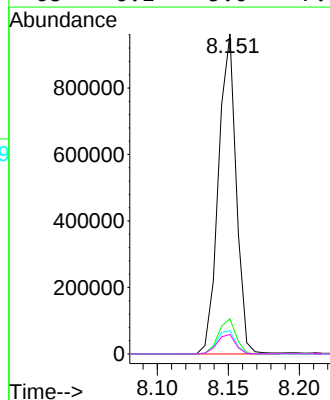
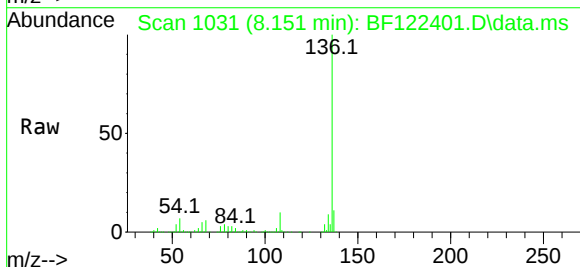


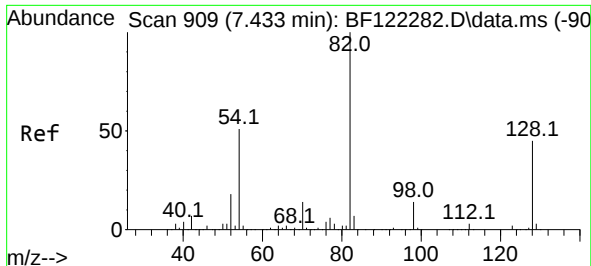
Tgt Ion: 70 Resp: 140372
Ion Ratio Lower Upper
70 100
42 44.0 50.2 75.4#
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF122401.D
Acq: 20 Nov 2020 14:03

Tgt Ion: 136 Resp: 835371
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.2 7.1 10.7
68 6.1 5.0 7.4





#23

Nitrobenzene-d5

Concen: 75.67 ng

RT: 7.428 min Scan# 908

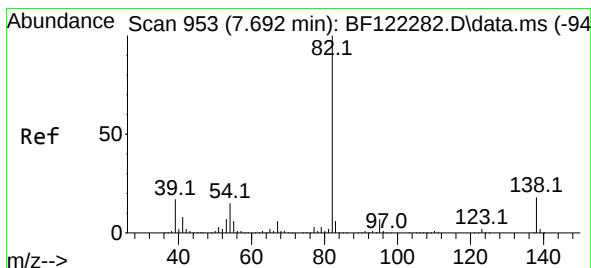
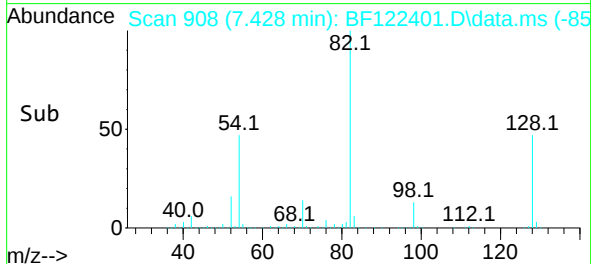
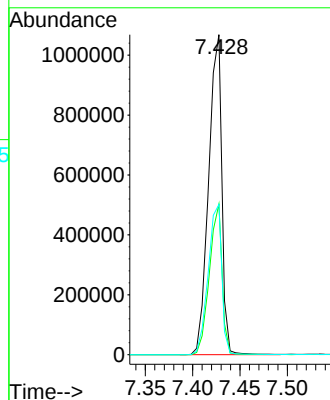
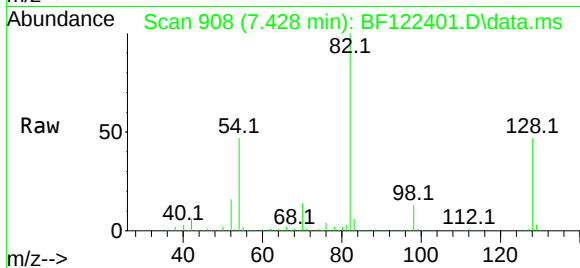
Delta R.T. -0.006 min

Lab File: BF122401.D

Acq: 20 Nov 2020 14:03

Tgt Ion: 82 Resp: 1032610

Ion	Ratio	Lower	Upper
82	100		
128	47.0	35.0	52.4
54	47.0	43.9	65.9



#25

Isophorone

Concen: 33.76 ng

RT: 7.428 min Scan# 908

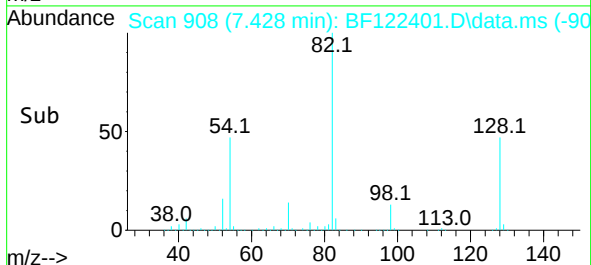
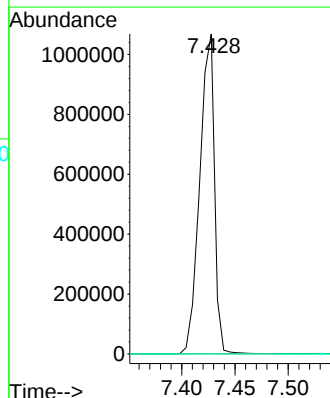
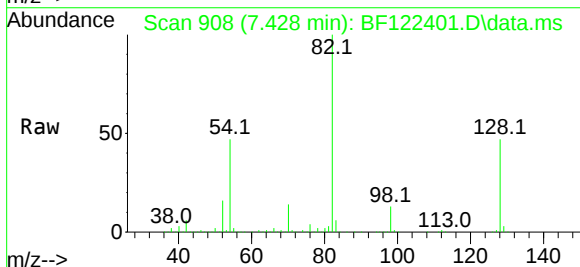
Delta R.T. -0.265 min

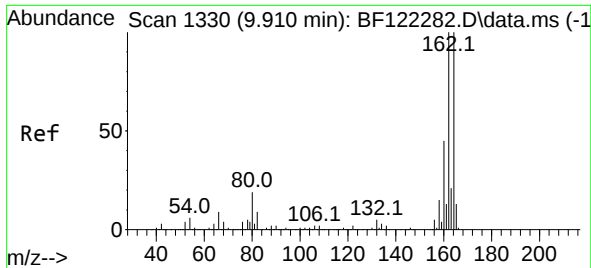
Lab File: BF122401.D

Acq: 20 Nov 2020 14:03

Tgt Ion: 82 Resp: 1026936

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.4	20.0#

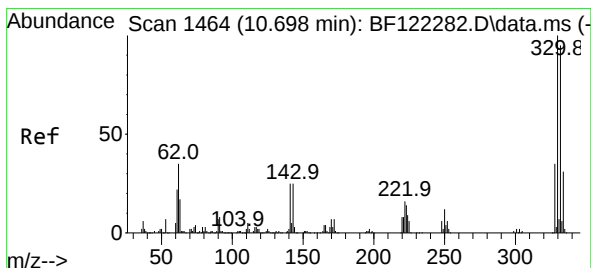
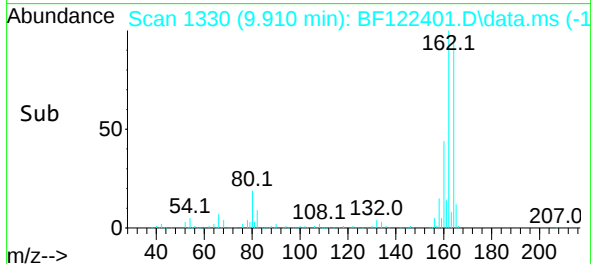
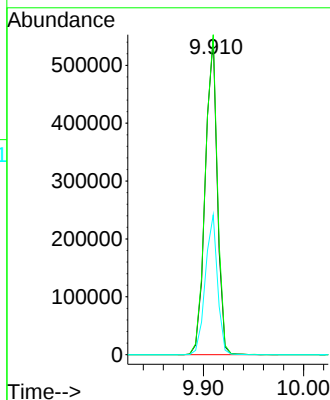
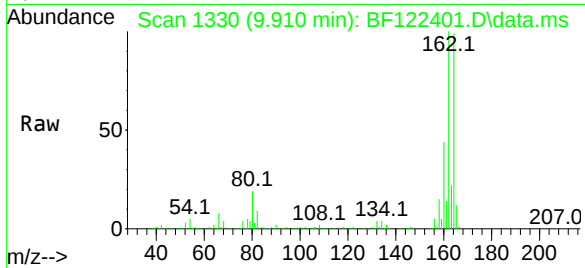




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF122401.D
Acq: 20 Nov 2020 14:03

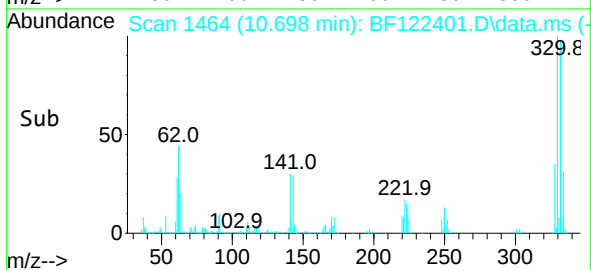
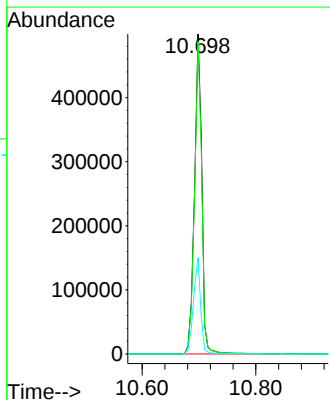
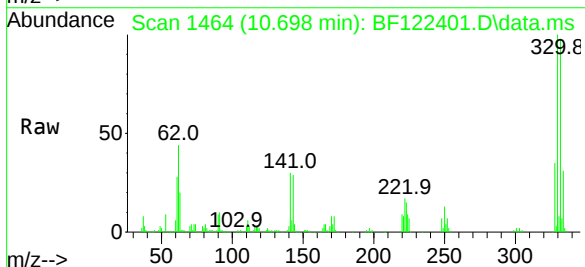
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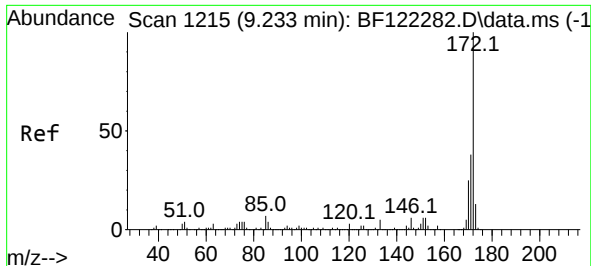
Tgt Ion:164 Resp: 459212
Ion Ratio Lower Upper
164 100
162 101.2 83.2 124.8
160 44.2 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 91.42 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF122401.D
Acq: 20 Nov 2020 14:03

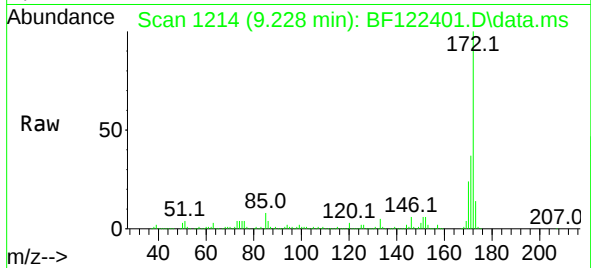
Tgt Ion:330 Resp: 450557
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 29.9 22.3 33.5



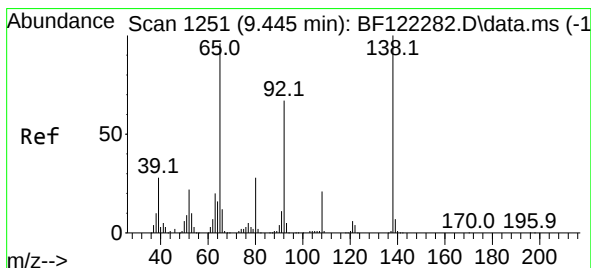
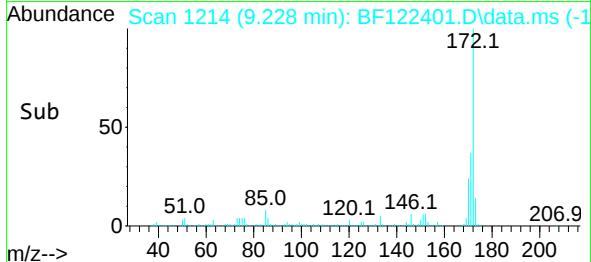
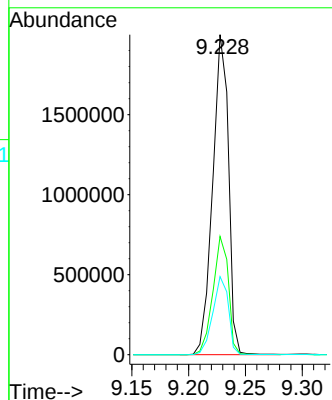


#45
2-Fluorobiphenyl
Concen: 65.81 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122401.D
Acq: 20 Nov 2020 14:03

Instrument :
BNA_F
ClientSampleId :
KENS-B1-111820-8-10

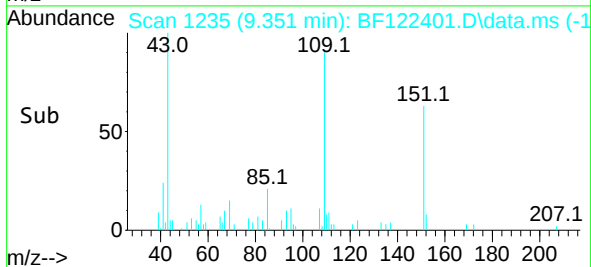
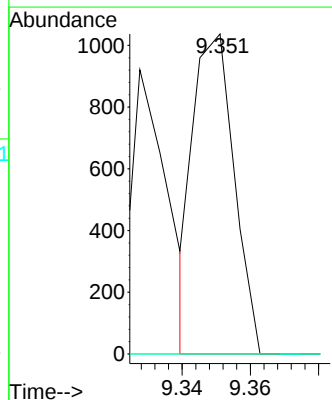
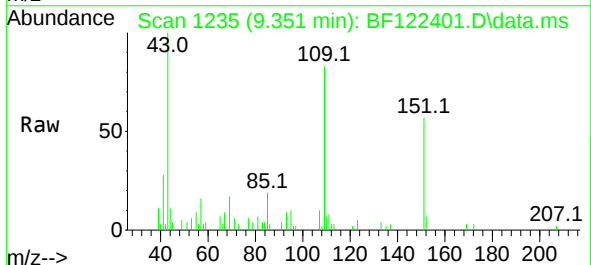


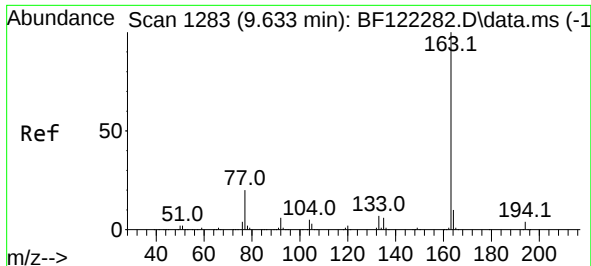
Tgt Ion:172 Resp: 1934288
Ion Ratio Lower Upper
172 100
171 36.9 29.1 43.7
170 24.4 19.8 29.6



#48
2-Nitroaniline
Concen: 5.26 ng
RT: 9.351 min Scan# 1235
Delta R.T. -0.106 min
Lab File: BF122401.D
Acq: 20 Nov 2020 14:03

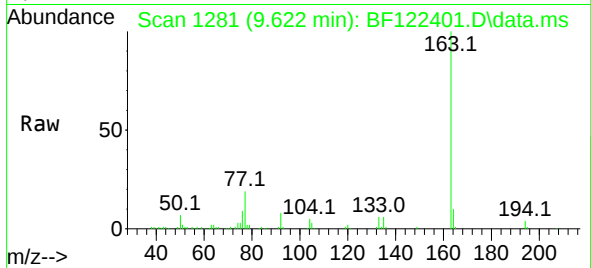
Tgt Ion: 65 Resp: 847
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#



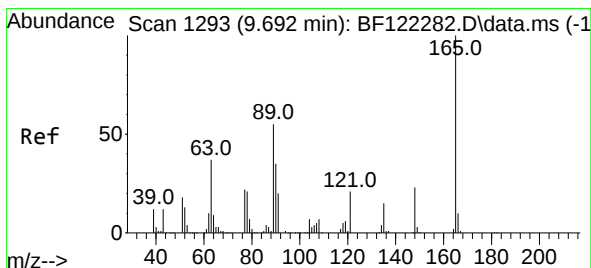
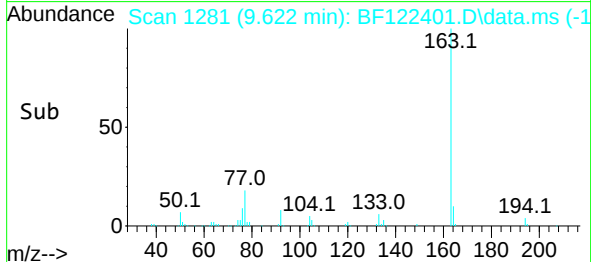
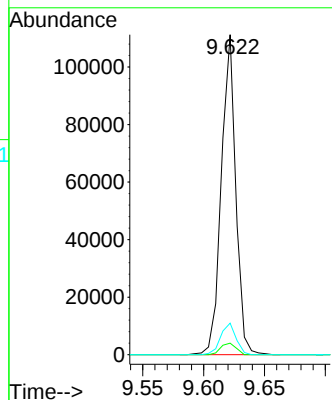


#50
Dimethylphthalate
Concen: 2.82 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BF122401.D
Acq: 20 Nov 2020 14:03

Instrument :
BNA_F
ClientSampleId :
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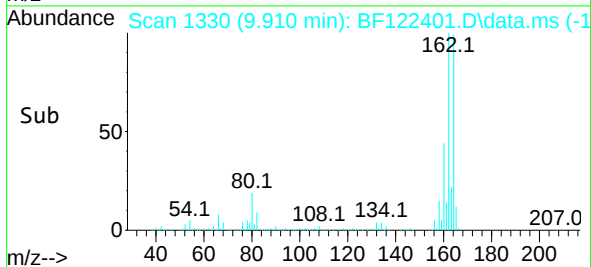
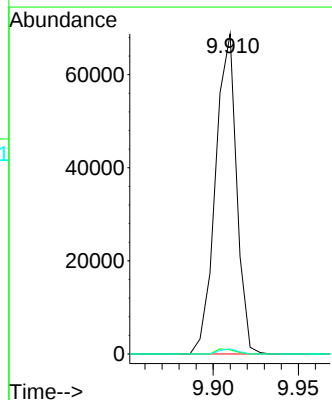
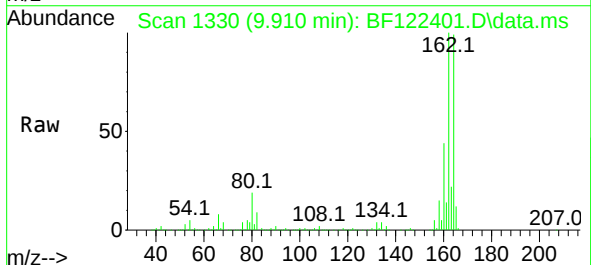


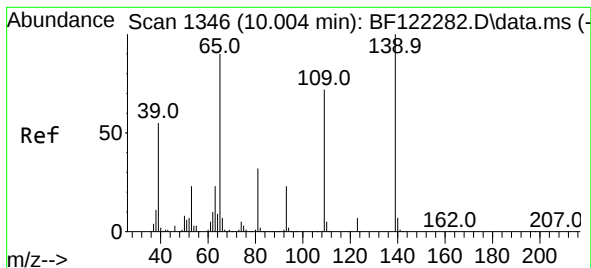
Tgt Ion:163 Resp: 92173
Ion Ratio Lower Upper
163 100
194 3.6 3.3 4.9
164 9.8 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 11.33 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF122401.D
Acq: 20 Nov 2020 14:03

Tgt Ion:165 Resp: 59313
Ion Ratio Lower Upper
165 100
63 1.3 51.8 77.6#
89 1.6 49.0 73.6#

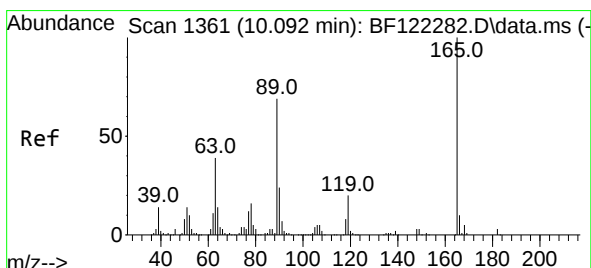
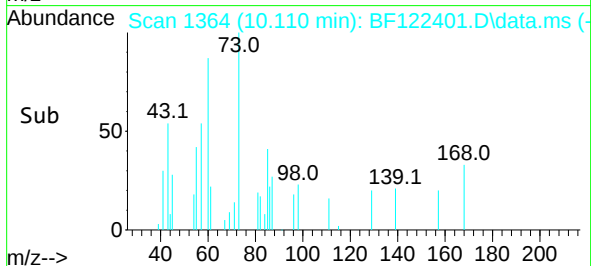
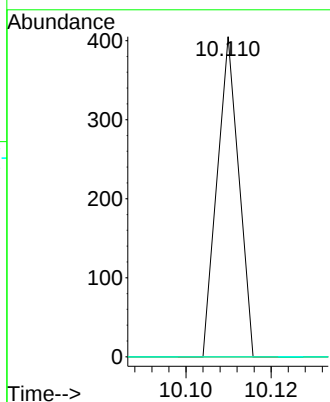
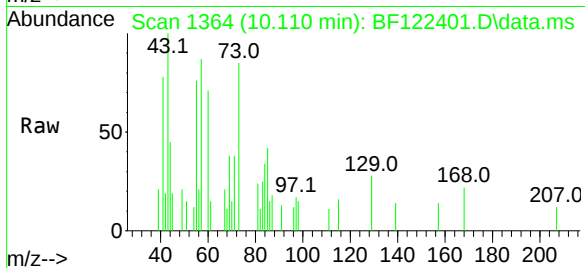




#56
4-Nitrophenol
Concen: 5.43 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.082 min
Lab File: BF122401.D
Acq: 20 Nov 2020 14:03

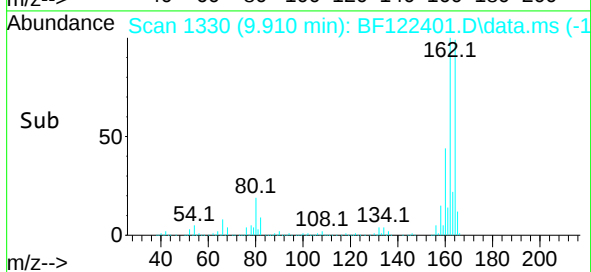
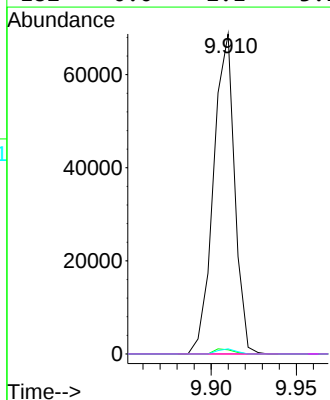
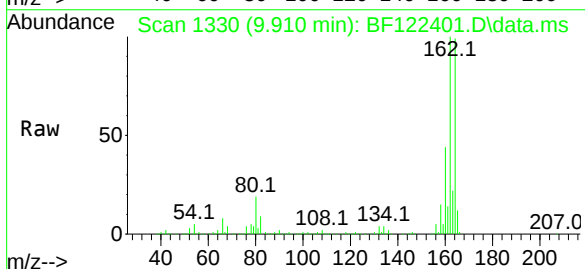
Instrument :
BNA_F
ClientSampleId :
KENS-B1-111820-8-10

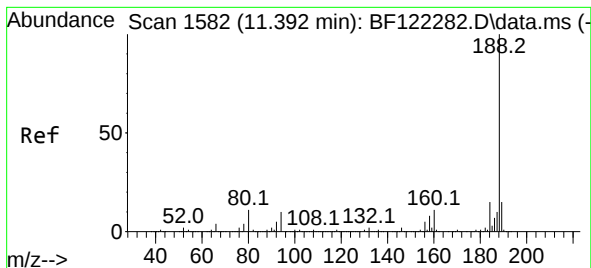
Tgt Ion:139 Resp: 143
Ion Ratio Lower Upper
139 100
109 0.0 45.4 85.4#
65 0.0 68.4 108.4#



#57
2,4-Dinitrotoluene
Concen: 10.56 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF122401.D
Acq: 20 Nov 2020 14:03

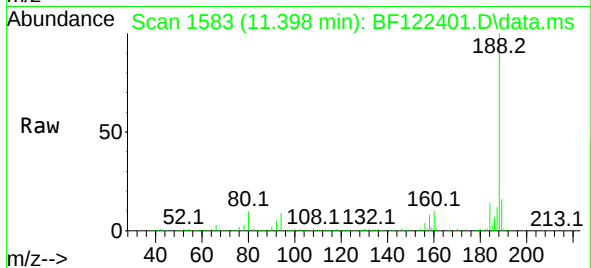
Tgt Ion:165 Resp: 59313
Ion Ratio Lower Upper
165 100
63 1.3 41.3 61.9#
89 1.6 61.8 92.8#
182 0.0 2.1 3.1#



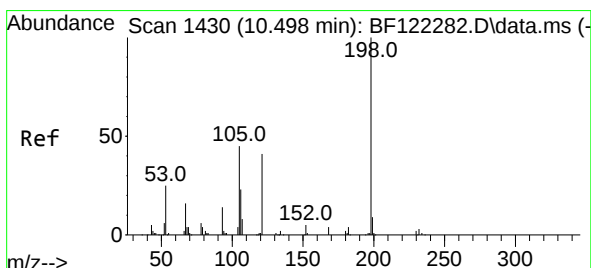
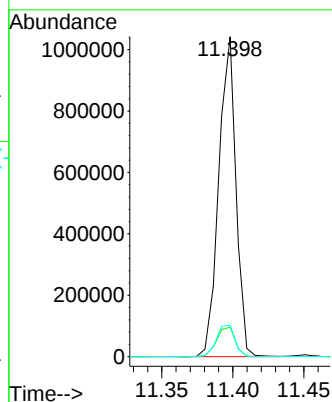
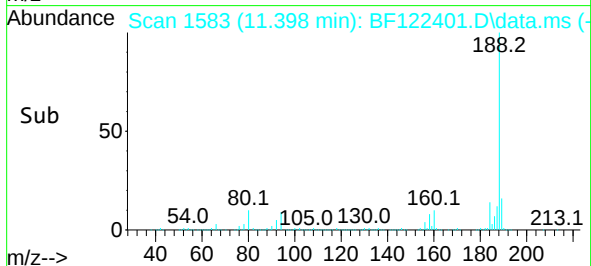


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF122401.D
Acq: 20 Nov 2020 14:03

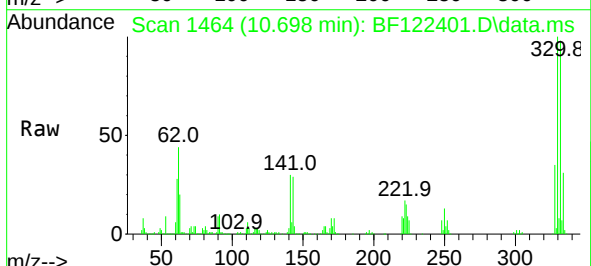
Instrument :
BNA_F
ClientSampleId :
KENS-B1-111820-8-10



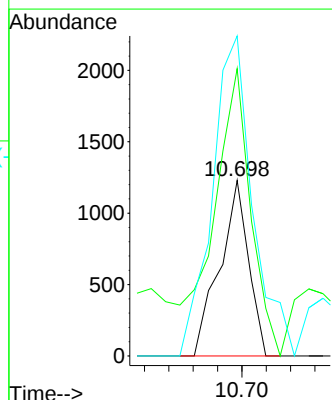
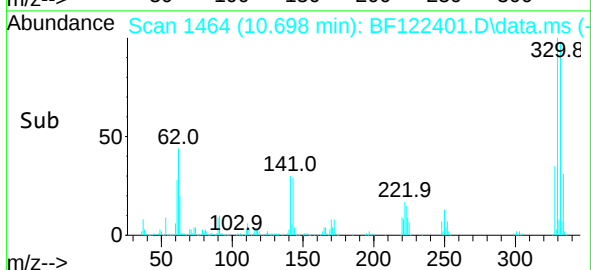
Tgt Ion:188 Resp: 874522
Ion Ratio Lower Upper
188 100
94 9.2 8.3 12.5
80 9.9 9.1 13.7

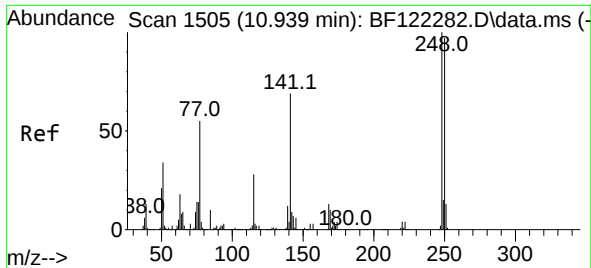


#65
4,6-Dinitro-2-methylphenol
Concen: 6.48 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.188 min
Lab File: BF122401.D
Acq: 20 Nov 2020 14:03



Tgt Ion:198 Resp: 1008
Ion Ratio Lower Upper
198 100
51 163.7 29.6 69.6#
105 182.3 24.4 64.4#

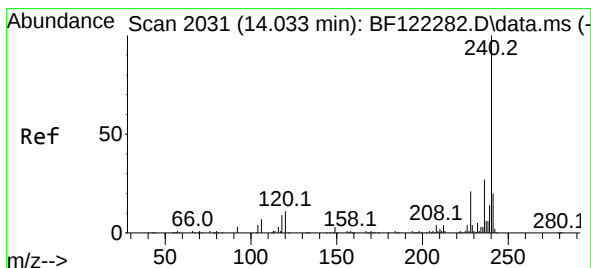
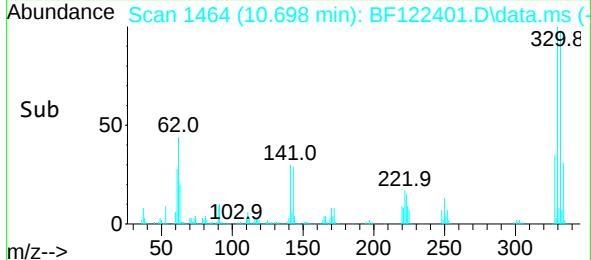
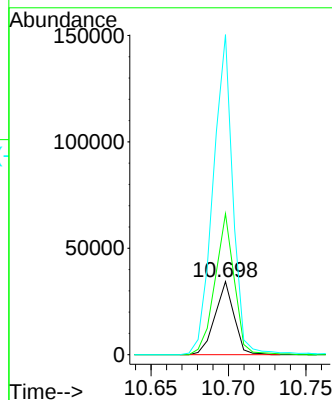
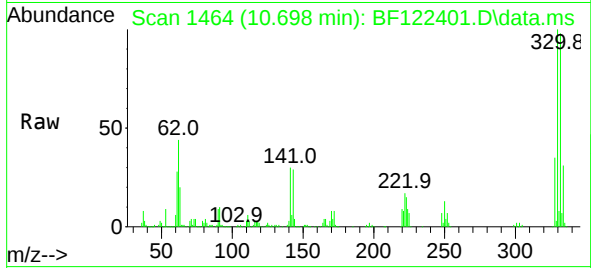




#67
4-Bromophenyl-phenylether
Concen: 2.86 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF122401.D
Acq: 20 Nov 2020 14:03

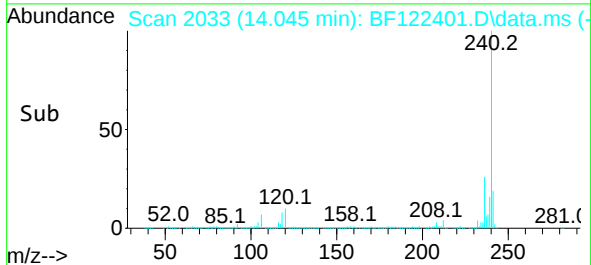
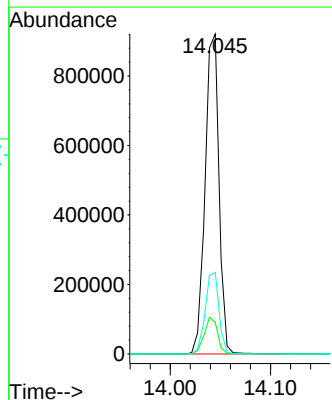
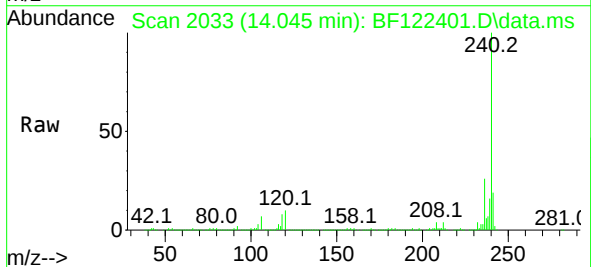
Instrument :
BNA_F
ClientSampleId :
KENS-B1-111820-8-10

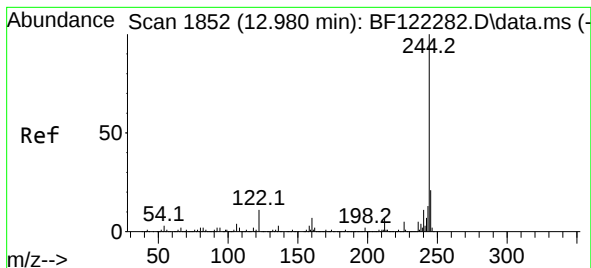
Tgt Ion:248 Resp: 29411
Ion Ratio Lower Upper
248 100
250 192.7 77.0 115.6#
141 437.2 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF122401.D
Acq: 20 Nov 2020 14:03

Tgt Ion:240 Resp: 892216
Ion Ratio Lower Upper
240 100
120 9.9 9.2 13.8
236 25.5 20.9 31.3





#79

Terphenyl-d14

Concen: 54.99 ng

RT: 12.992 min Scan# 1854

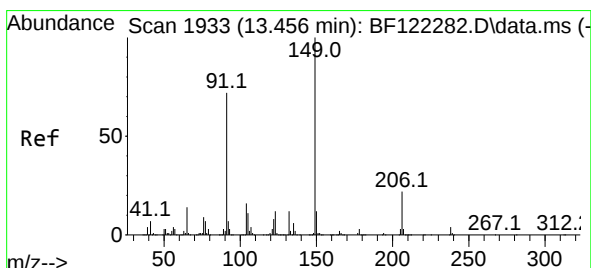
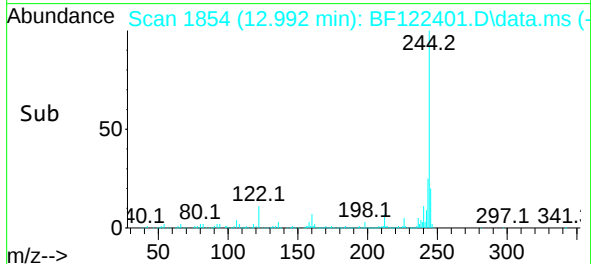
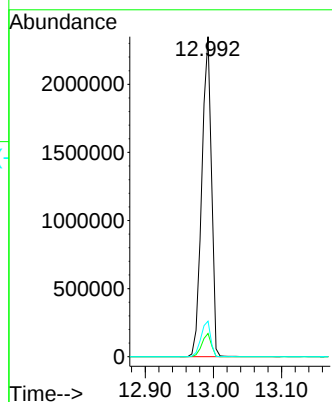
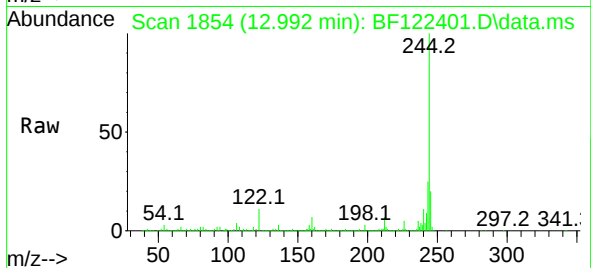
Delta R.T. -0.000 min

Lab File: BF122401.D

Acq: 20 Nov 2020 14:03

Tgt Ion:244 Resp: 2316076

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.2
122	11.1	8.1	12.1



#80

Butylbenzylphthalate

Concen: 3.34 ng

RT: 13.457 min Scan# 1933

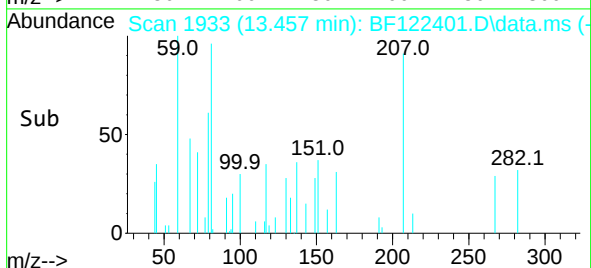
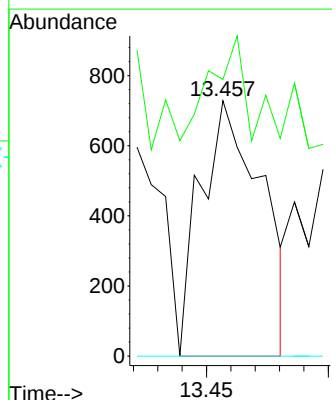
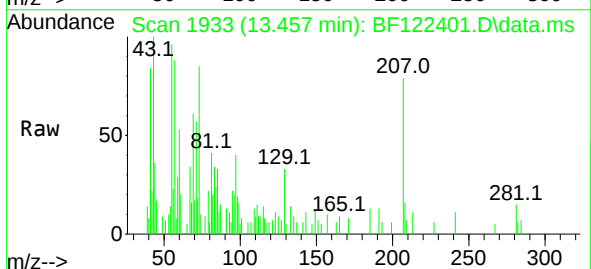
Delta R.T. -0.012 min

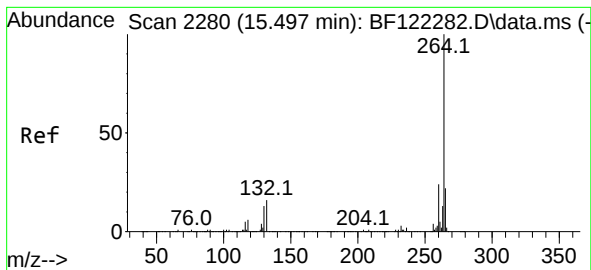
Lab File: BF122401.D

Acq: 20 Nov 2020 14:03

Tgt Ion:149 Resp: 1277

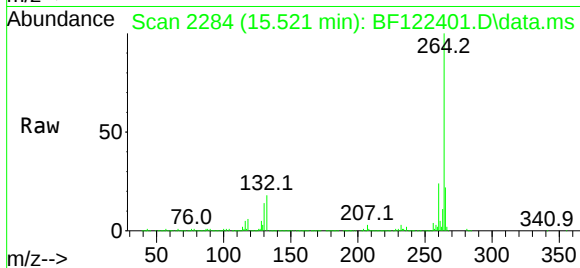
Ion	Ratio	Lower	Upper
149	100		
91	108.4	61.0	91.4#
206	0.0	16.7	25.1#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.521 min Scan# 2284
 Delta R.T. -0.012 min
 Lab File: BF122401.D
 Acq: 20 Nov 2020 14:03

Instrument :
 BNA_F
 ClientSampleId :
 KENS-B1-111820-8-10



Tgt Ion:264 Resp: 952768

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.8	17.3	25.9

