

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112120\
 Data File : BF122434.D
 Acq On : 21 Nov 2020 22:20
 Operator : JU/CG
 Sample : L4868-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KENS-B3-112020-8-10

Quant Time: Nov 23 01:02:00 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)

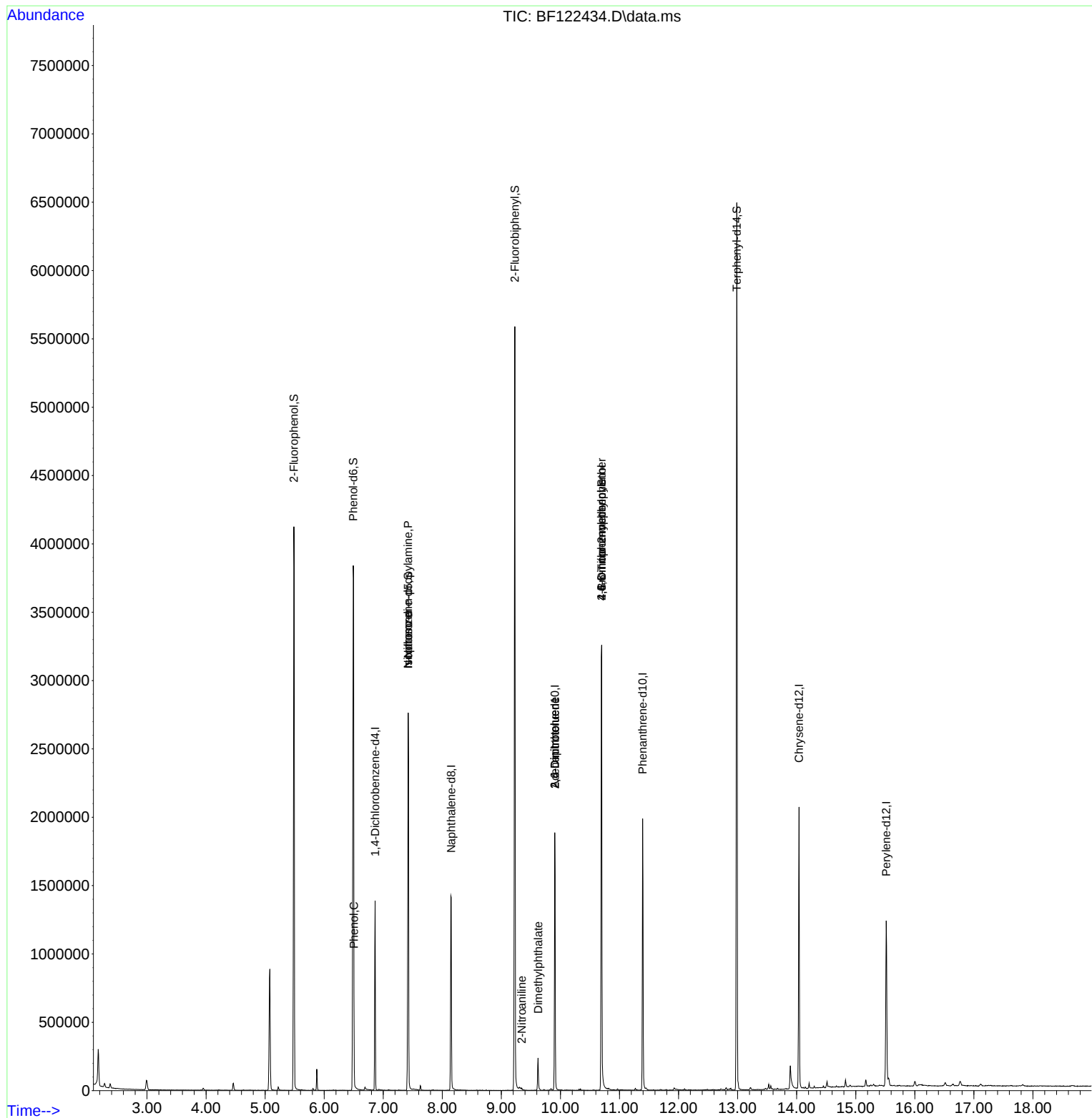
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	192884	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	747934	20.00	ng	# 0.00
39) Acenaphthene-d10	9.904	164	399429	20.00	ng	-0.01
64) Phenanthrene-d10	11.392	188	749922	20.00	ng	-0.01
76) Chrysene-d12	14.039	240	708536	20.00	ng	-0.01
86) Perylene-d12	15.515	264	613261	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1248417	99.38	ng	0.00
7) Phenol-d6	6.492	99	1594093	97.00	ng	-0.02
23) Nitrobenzene-d5	7.422	82	997859	81.68	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	464613	108.38	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1833483	71.72	ng	0.00
79) Terphenyl-d14	12.986	244	2200345	65.79	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.498	77	3091	Below Cal	#	3
10) Phenol	6.504	94	52835	3.26	ng	84
19) n-Nitroso-di-n-propyla...	7.422	70	133659	13.61	ng	# 74
25) Isophorone	7.422	82	986126	36.21	ng	# 67
48) 2-Nitroaniline	9.345	65	116	5.18	ng	# 6
50) Dimethylphthalate	9.622	163	116102	4.09	ng	100
51) 2,6-Dinitrotoluene	9.904	165	51382	11.30	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	51382	10.54	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.698	198	844	6.47	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	30230	3.43	ng	# 1

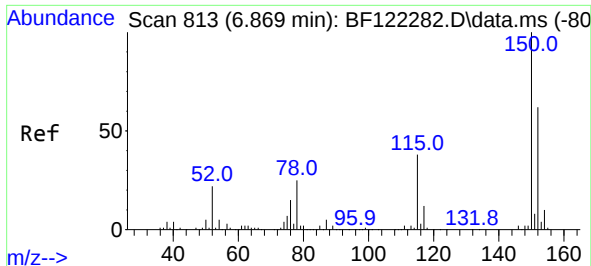
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112120\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 13:27:02 2020
Response via : Initial Calibration

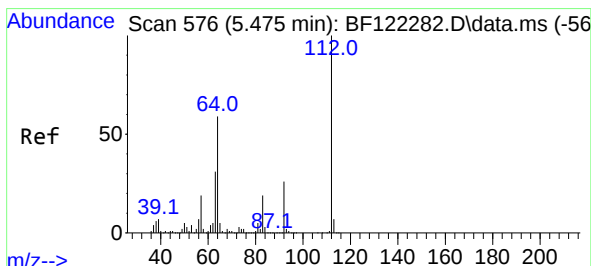
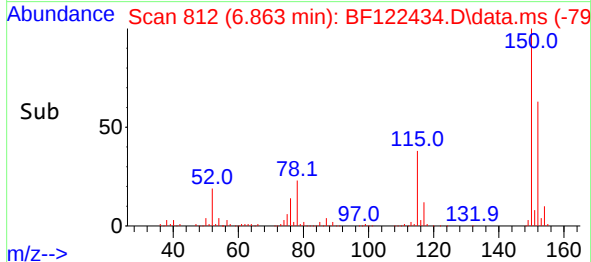
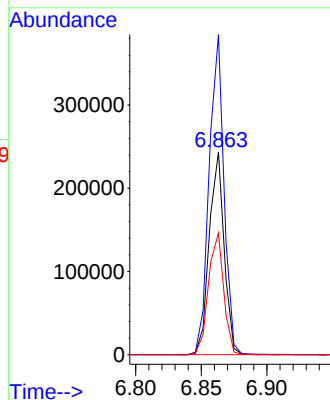
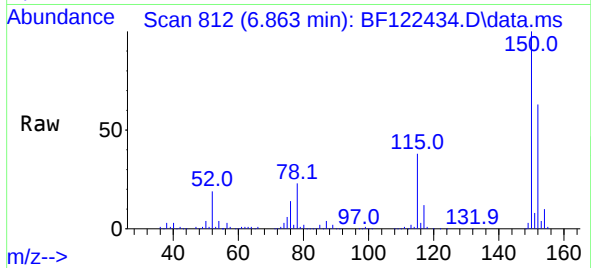




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122434.D
Acq: 21 Nov 2020 22:20

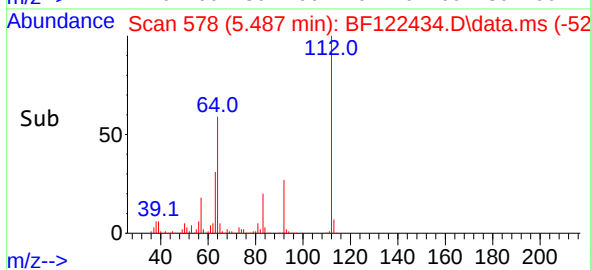
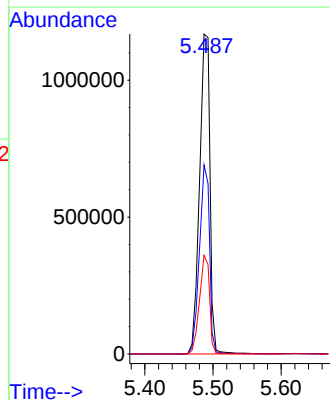
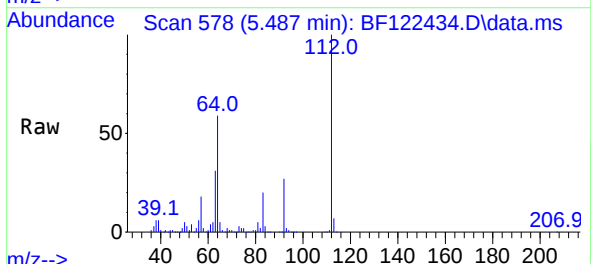
Instrument :
BNA_F
ClientSampleId :
KENS-B3-112020-8-10

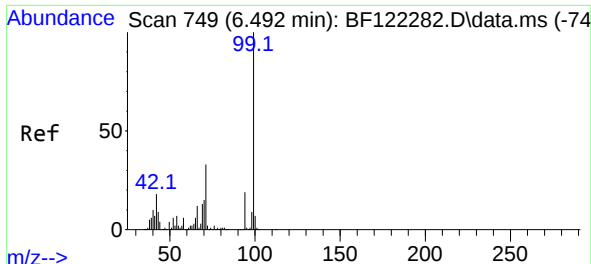
Tgt Ion:152 Resp: 192884
Ion Ratio Lower Upper
152 100
150 157.9 125.3 187.9
115 60.0 51.9 77.9



#5
2-Fluorophenol
Concen: 99.38 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF122434.D
Acq: 21 Nov 2020 22:20

Tgt Ion:112 Resp: 1248417
Ion Ratio Lower Upper
112 100
64 59.0 50.4 75.6
63 30.8 25.8 38.6

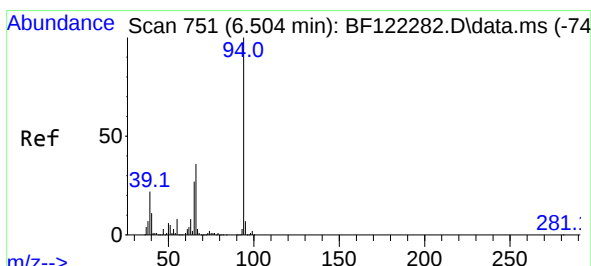
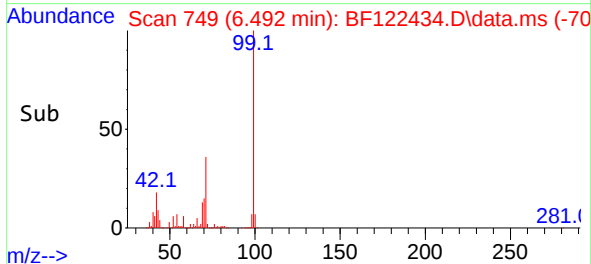
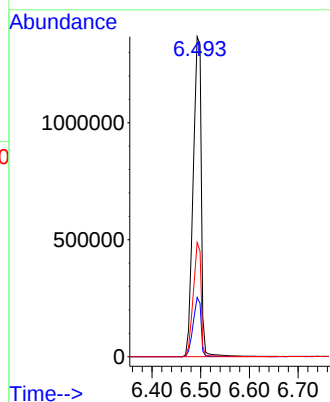
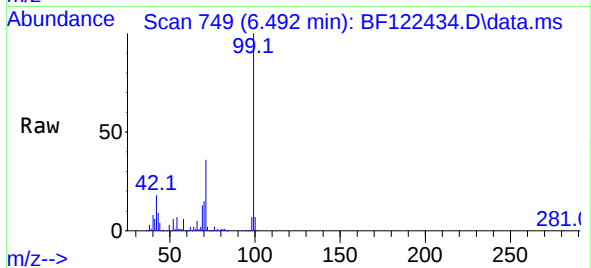




#7
Phenol-d6
Concen: 97.00 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.018 min
Lab File: BF122434.D
Acq: 21 Nov 2020 22:20

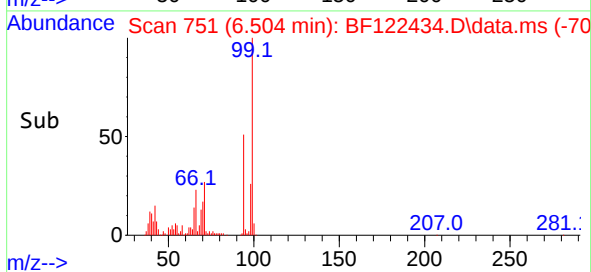
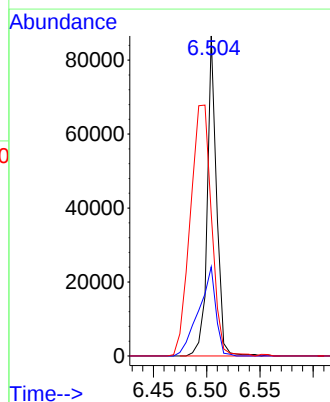
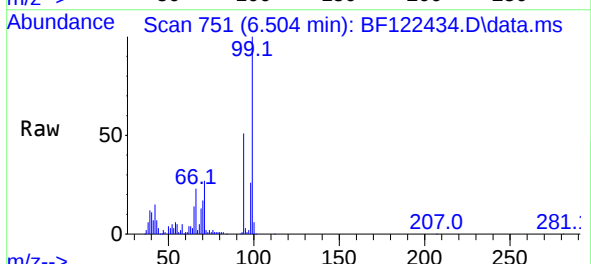
Instrument :
BNA_F
ClientSampleId :
KENS-B3-112020-8-10

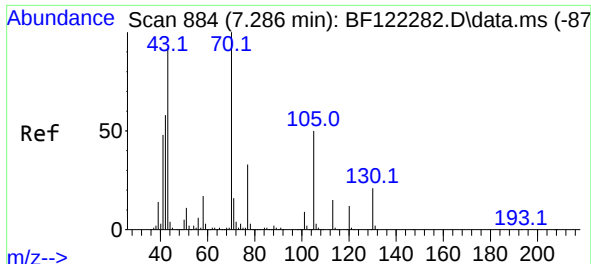
Tgt Ion: 99 Resp: 1594093
Ion Ratio Lower Upper
99 100
42 18.5 15.9 23.9
71 35.7 27.1 40.7



#10
Phenol
Concen: 3.26 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.018 min
Lab File: BF122434.D
Acq: 21 Nov 2020 22:20

Tgt Ion: 94 Resp: 52835
Ion Ratio Lower Upper
94 100
65 27.9 17.1 57.1
66 44.4 36.0 76.0



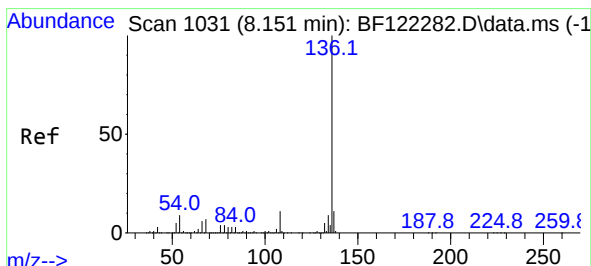
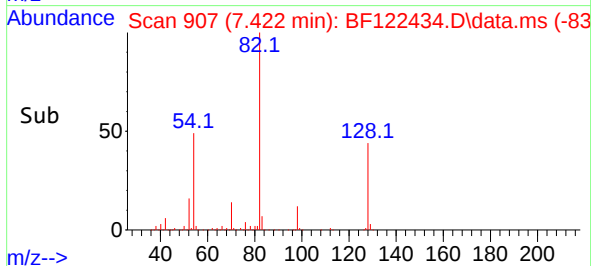
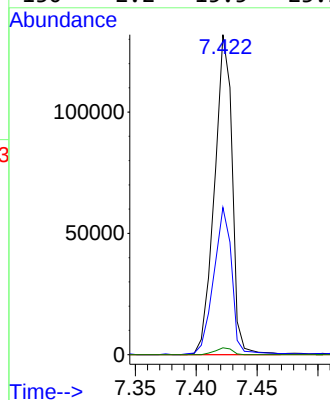
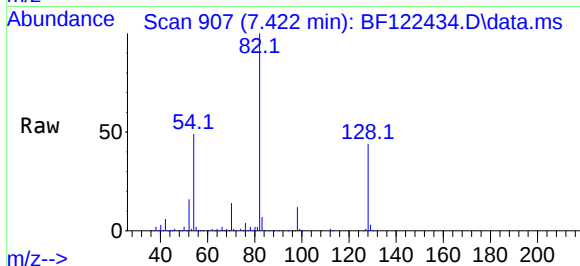


#19
n-Nitroso-di-n-propylamine
Concen: 13.61 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.135 min
Lab File: BF122434.D
Acq: 21 Nov 2020 22:20

Instrument :
BNA_F
ClientSampleId :
KENS-B3-112020-8-10

Tgt Ion: 70 Resp: 133659

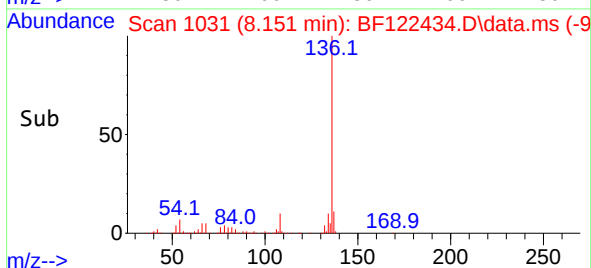
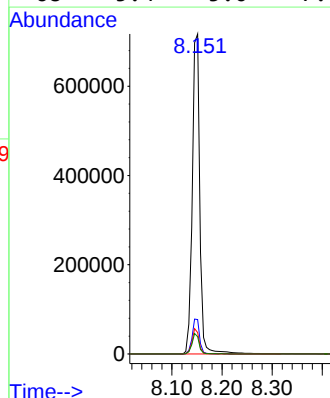
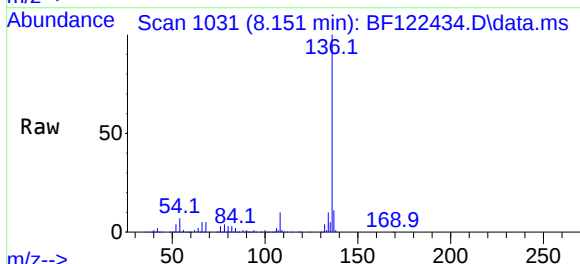
Ion	Ratio	Lower	Upper
70	100		
42	46.0	50.2	75.4#
101	0.0	7.5	11.3#
130	2.2	15.5	23.3#

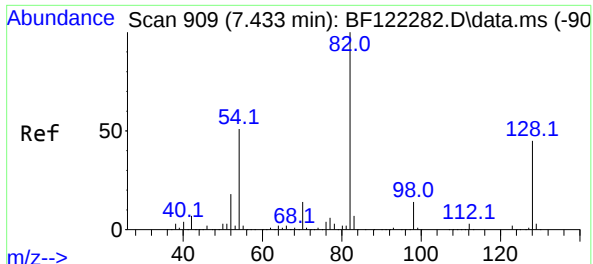


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF122434.D
Acq: 21 Nov 2020 22:20

Tgt Ion: 136 Resp: 747934

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	6.7	7.1	10.7#
68	5.4	5.0	7.4

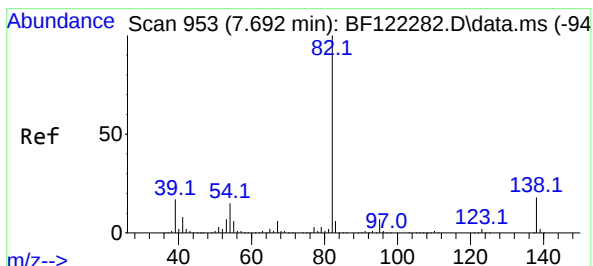
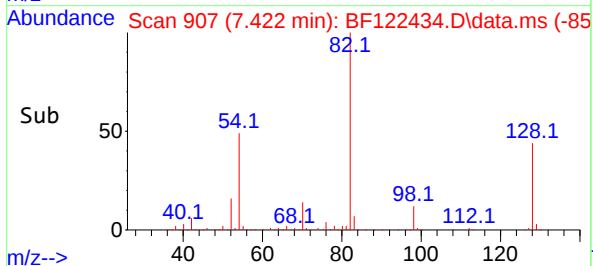
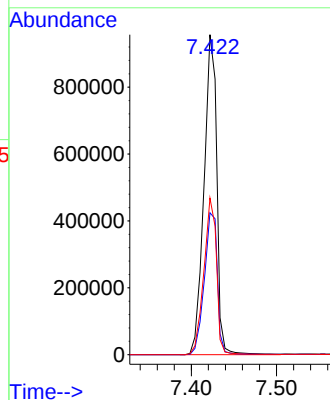
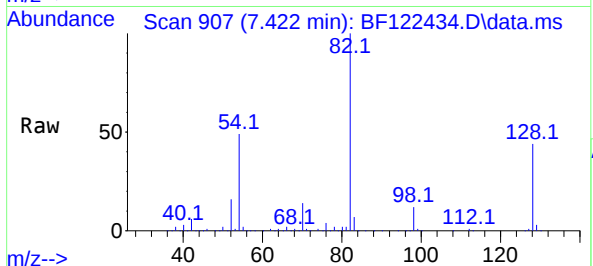




#23
Nitrobenzene-d5
Concen: 81.68 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF122434.D
Acq: 21 Nov 2020 22:20

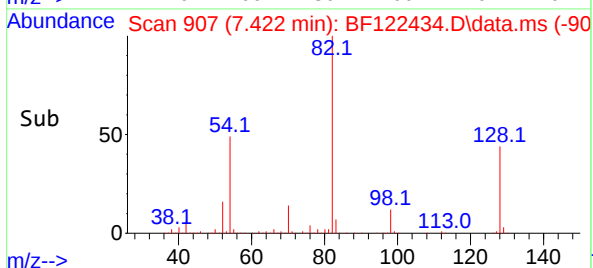
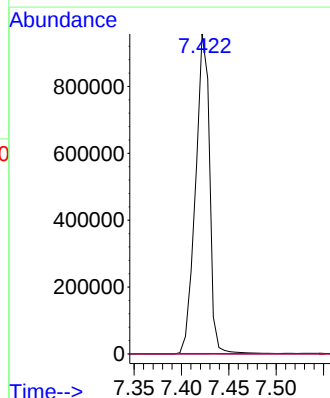
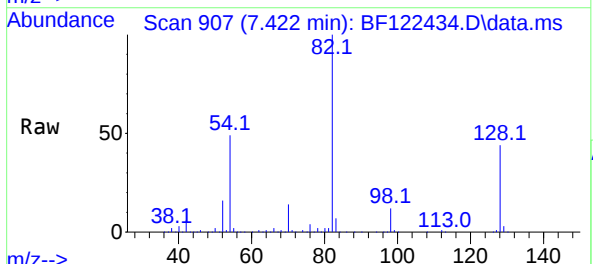
Instrument :
BNA_F
ClientSampleId :
KENS-B3-112020-8-10

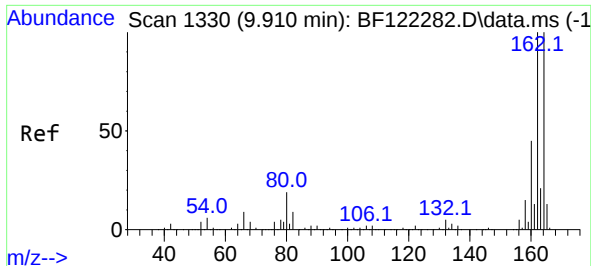
Tgt Ion: 82 Resp: 997859
Ion Ratio Lower Upper
82 100
128 44.4 35.0 52.4
54 49.0 43.9 65.9



#25
Isophorone
Concen: 36.21 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.271 min
Lab File: BF122434.D
Acq: 21 Nov 2020 22:20

Tgt Ion: 82 Resp: 986126
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: 9.904 min Scan# 1329

Delta R.T. -0.012 min

Lab File: BF122434.D

Acq: 21 Nov 2020 22:20

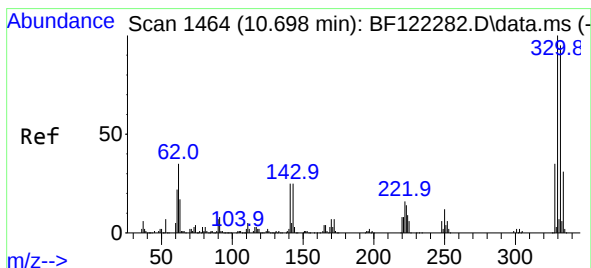
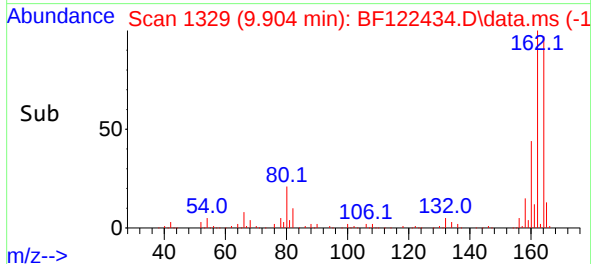
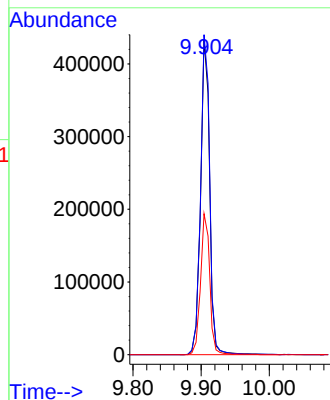
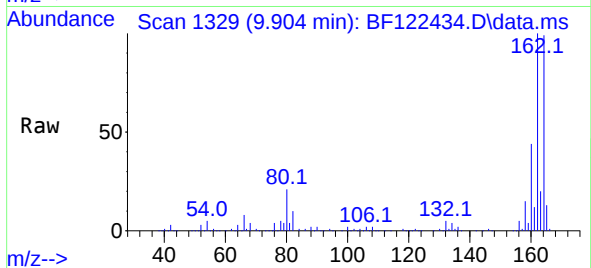
Tgt Ion:164 Resp: 399429

Ion Ratio Lower Upper

164 100

162 101.4 83.2 124.8

160 44.7 37.5 56.3



#42

2,4,6-Tribromophenol

Concen: 108.38 ng

RT: 10.698 min Scan# 1464

Delta R.T. -0.006 min

Lab File: BF122434.D

Acq: 21 Nov 2020 22:20

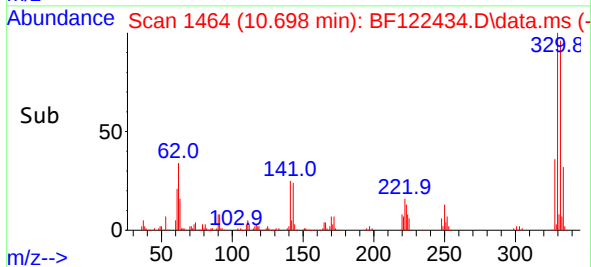
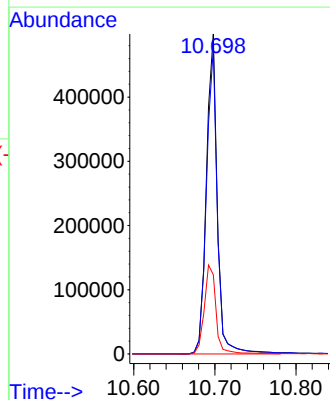
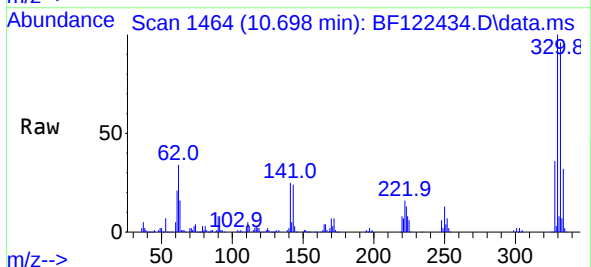
Tgt Ion:330 Resp: 464613

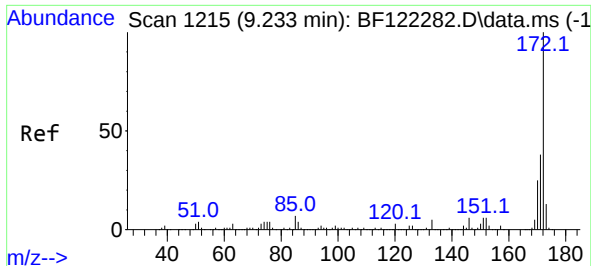
Ion Ratio Lower Upper

330 100

332 96.4 77.3 115.9

141 30.0 22.3 33.5

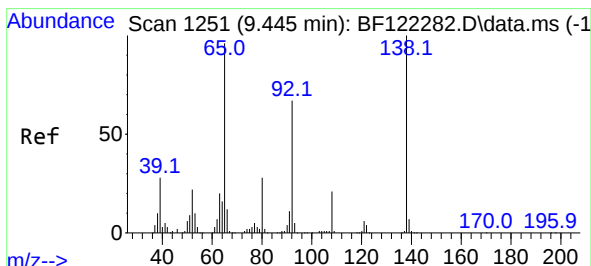
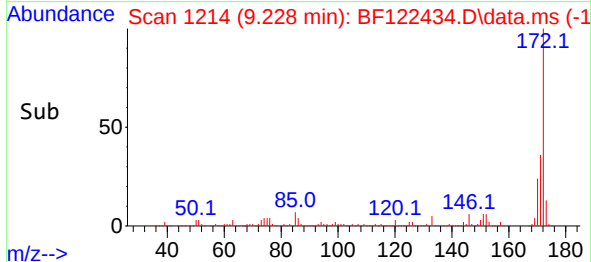
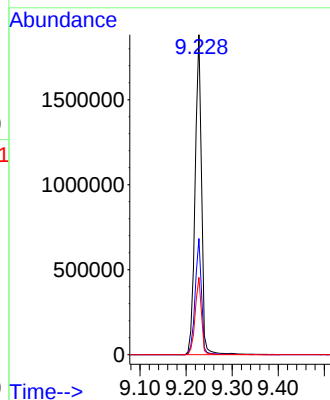
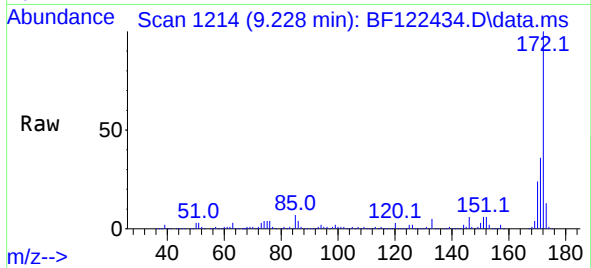




#45
2-Fluorobiphenyl
Concen: 71.72 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122434.D
Acq: 21 Nov 2020 22:20

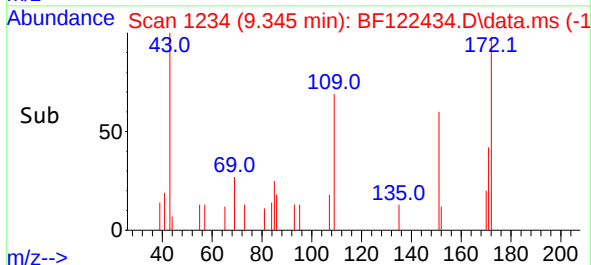
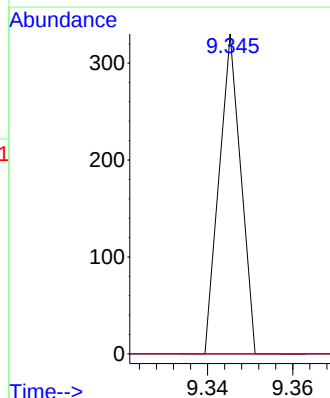
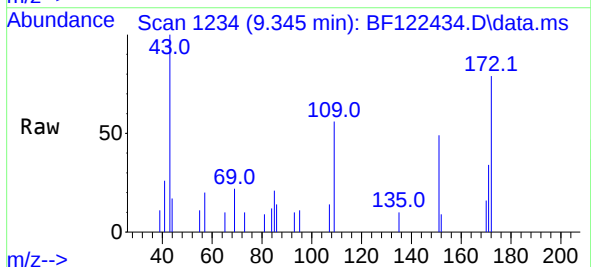
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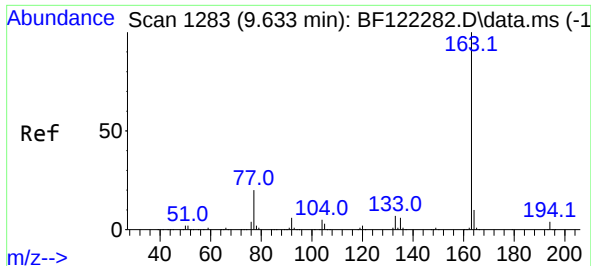
Tgt Ion:172 Resp: 1833483
Ion Ratio Lower Upper
172 100
171 36.3 29.1 43.7
170 24.2 19.8 29.6



#48
2-Nitroaniline
Concen: 5.18 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.112 min
Lab File: BF122434.D
Acq: 21 Nov 2020 22:20

Tgt Ion: 65 Resp: 116
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#

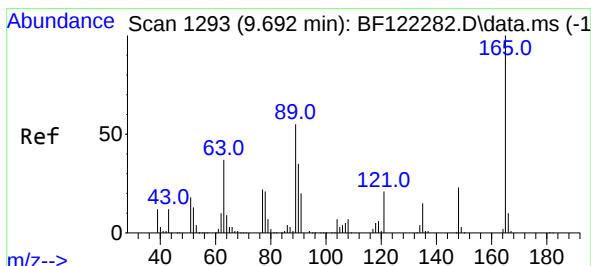
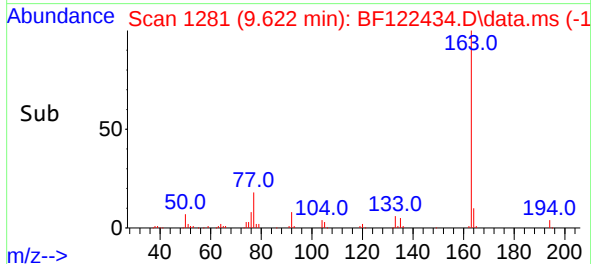
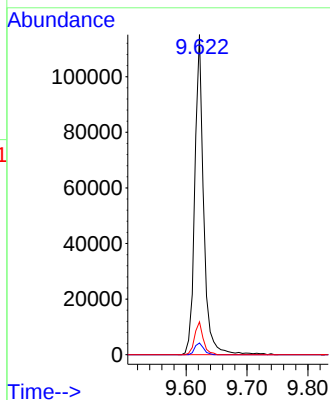
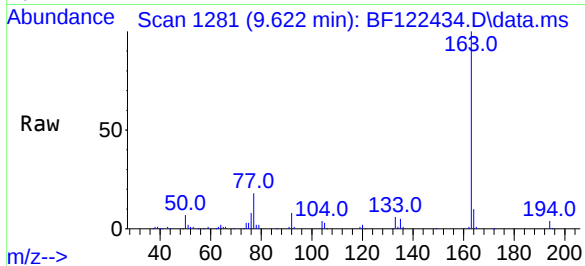




#50
Dimethylphthalate
Concen: 4.09 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BF122434.D
Acq: 21 Nov 2020 22:20

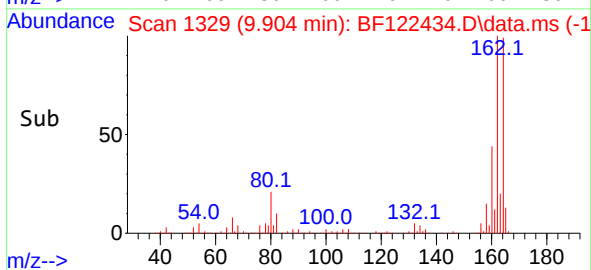
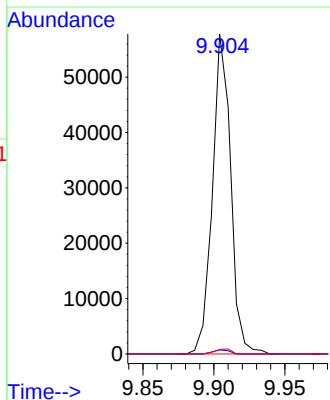
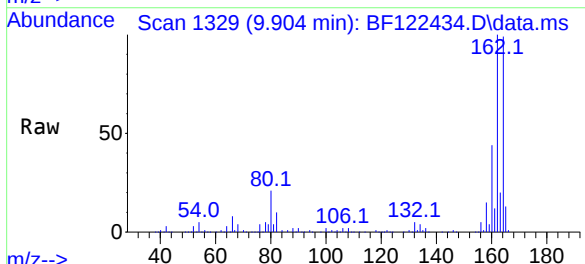
Instrument :
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KENS-B3-112020-8-10

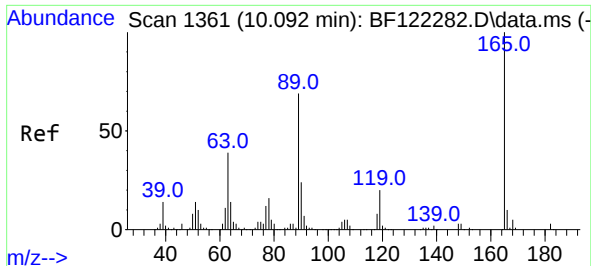
Tgt Ion:163 Resp: 116102
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 10.2 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 11.30 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF122434.D
Acq: 21 Nov 2020 22:20

Tgt Ion:165 Resp: 51382
Ion Ratio Lower Upper
165 100
63 1.3 51.8 77.6#
89 1.4 49.0 73.6#

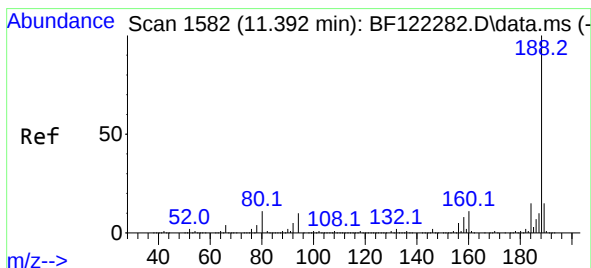
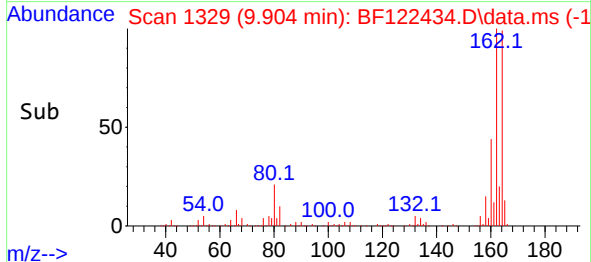
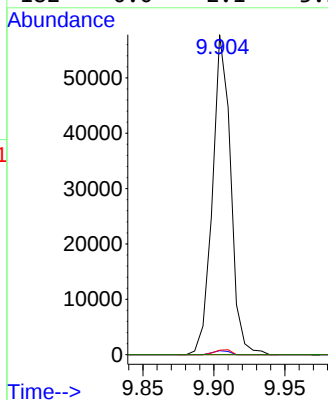
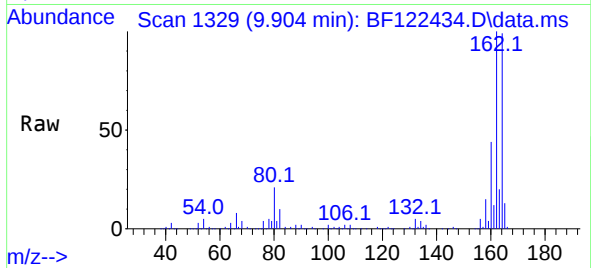




#57
2,4-Dinitrotoluene
Concen: 10.54 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF122434.D
Acq: 21 Nov 2020 22:20

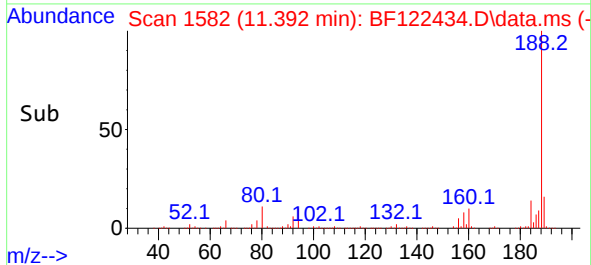
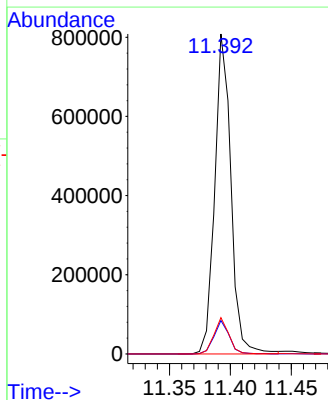
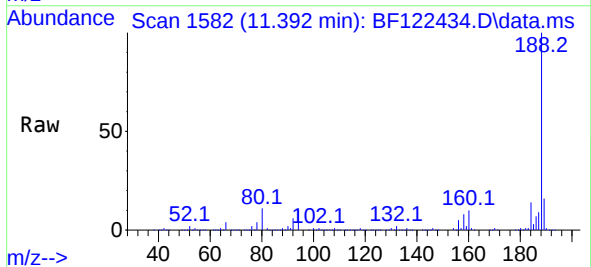
Instrument :
BNA_F
ClientSampleId :
KENS-B3-112020-8-10

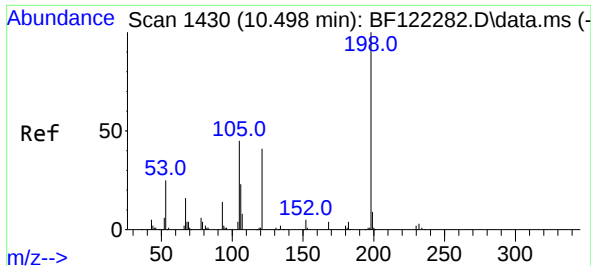
Tgt Ion:165	Resp:	51382
Ion Ratio	Lower	Upper
165	100	
63	1.3	41.3 61.9#
89	1.4	61.8 92.8#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF122434.D
Acq: 21 Nov 2020 22:20

Tgt Ion:188	Resp:	749922
Ion Ratio	Lower	Upper
188	100	
94	10.5	8.3 12.5
80	11.4	9.1 13.7

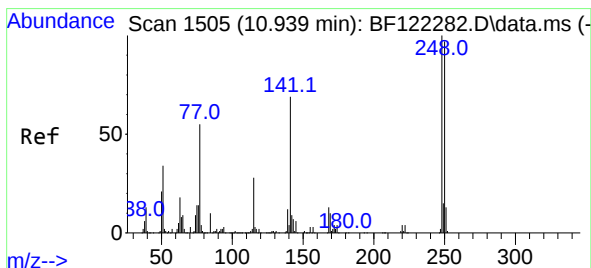
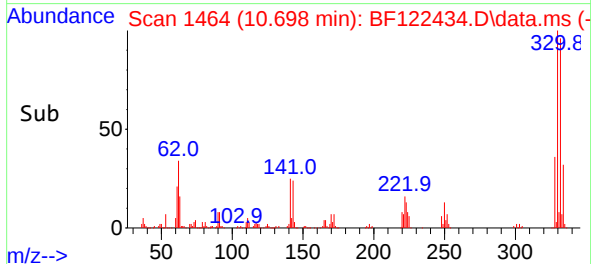
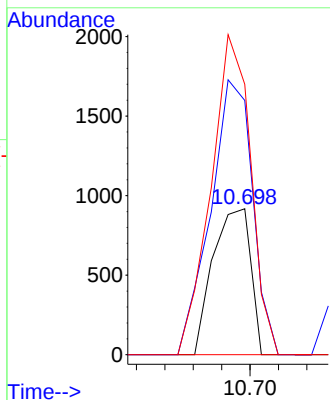
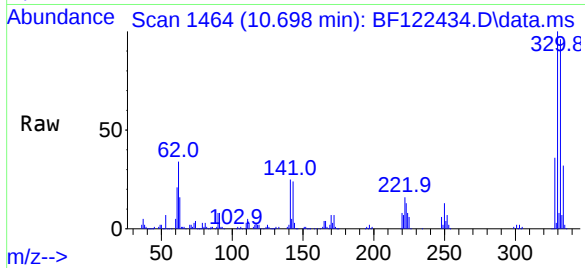




#65
4,6-Dinitro-2-methylphenol
Concen: 6.47 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.188 min
Lab File: BF122434.D
Acq: 21 Nov 2020 22:20

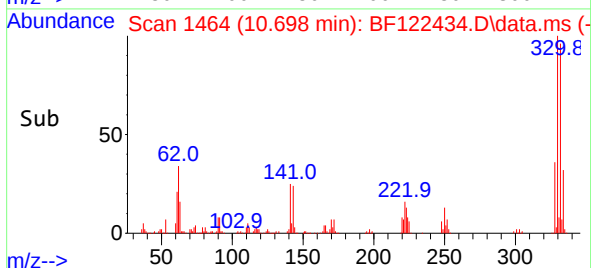
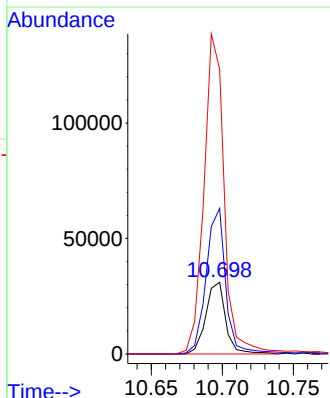
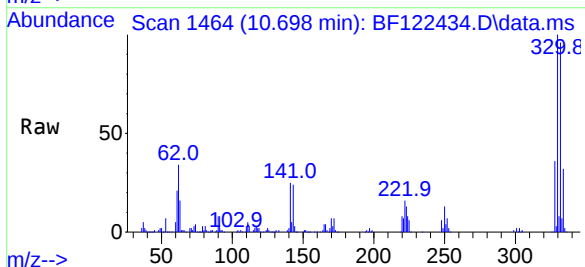
Instrument :
BNA_F
ClientSampleId :
KENS-B3-112020-8-10

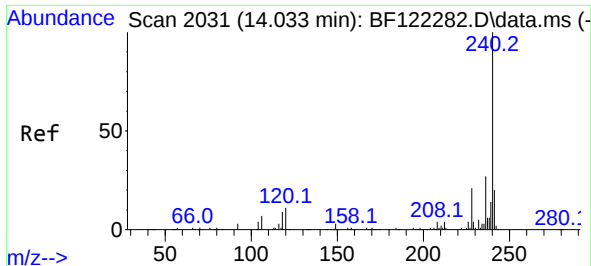
Tgt Ion:198	Resp:	844
Ion	Ratio	Lower Upper
198	100	
51	174.2	29.6 69.6#
105	185.2	24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 3.43 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF122434.D
Acq: 21 Nov 2020 22:20

Tgt Ion:248	Resp:	30230
Ion	Ratio	Lower Upper
248	100	
250	203.1	77.0 115.6#
141	397.1	53.7 80.5#

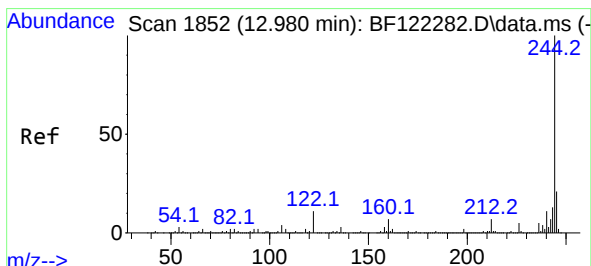
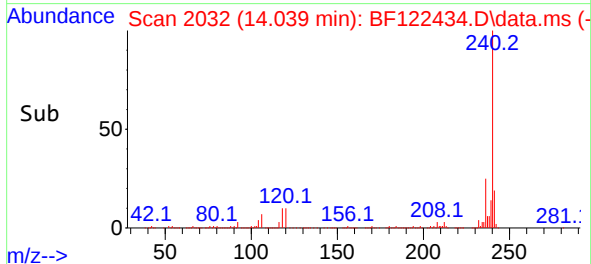
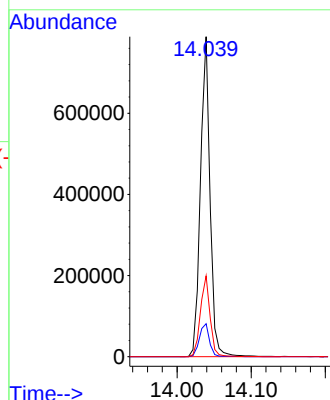
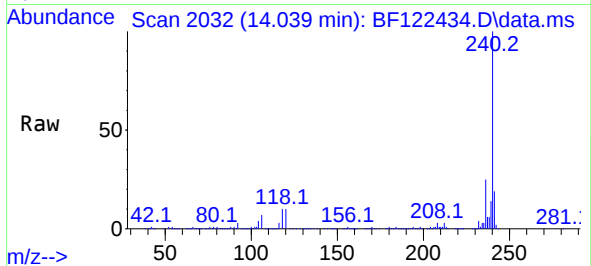




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF122434.D
Acq: 21 Nov 2020 22:20

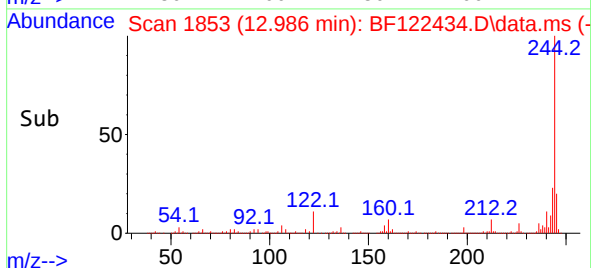
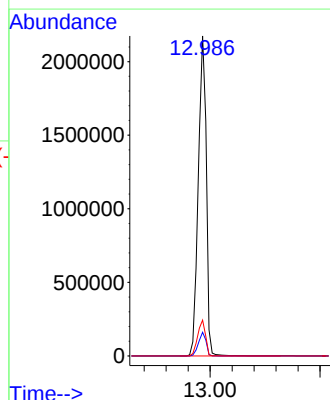
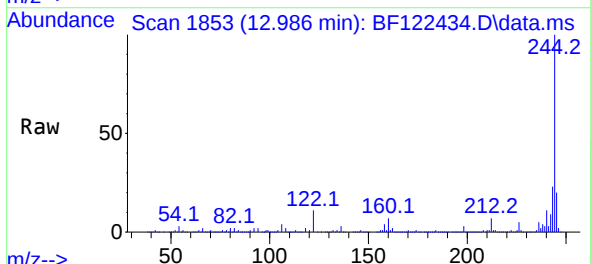
Instrument :
BNA_F
ClientSampleId :
KENS-B3-112020-8-10

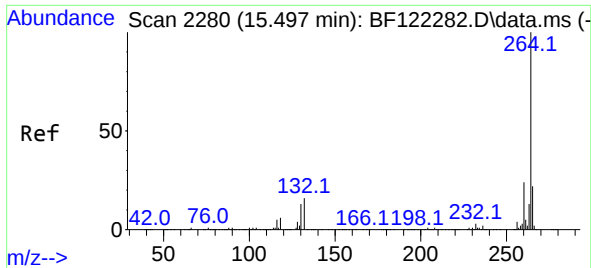
Tgt Ion:240 Resp: 708536
Ion Ratio Lower Upper
240 100
120 10.3 9.2 13.8
236 25.3 20.9 31.3



#79
Terphenyl-d14
Concen: 65.79 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF122434.D
Acq: 21 Nov 2020 22:20

Tgt Ion:244 Resp: 2200345
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.2
122 11.2 8.1 12.1





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.515 min Scan# 2283
Delta R.T. -0.018 min
Lab File: BF122434.D
Acq: 21 Nov 2020 22:20

Instrument :
BNA_F
ClientSampleId :
KENS-B3-112020-8-10

Tgt Ion:264 Resp: 613261
Ion Ratio Lower Upper
264 100
260 23.0 18.7 28.1
265 21.5 17.3 25.9

