

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112120\
 Data File : BF122435.D
 Acq On : 21 Nov 2020 22:53
 Operator : JU/CG
 Sample : L4868-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KENS-112020-BD

Quant Time: Nov 23 01:02:10 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)

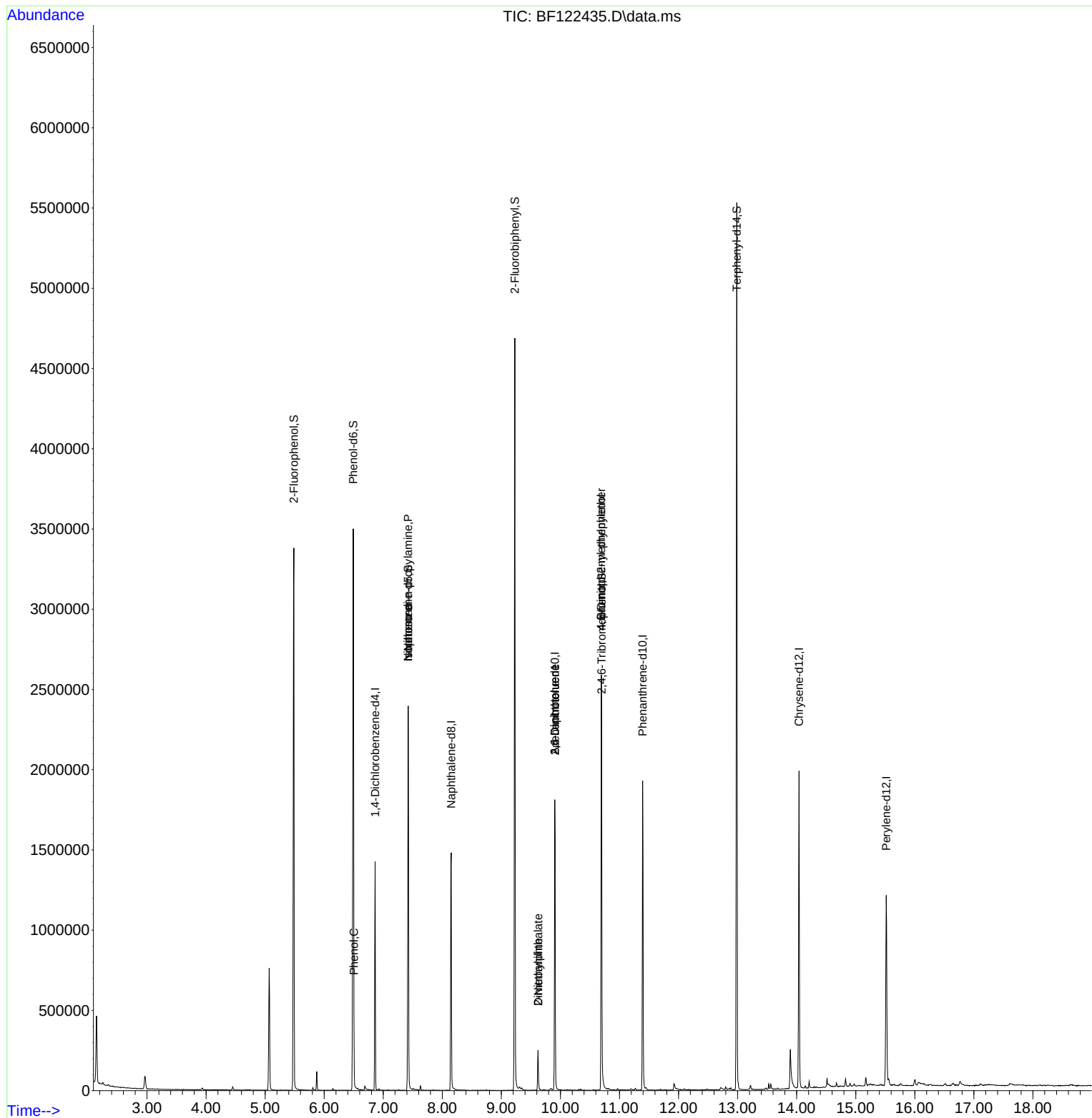
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	190501	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	730834	20.00	ng	# 0.00
39) Acenaphthene-d10	9.904	164	388588	20.00	ng	-0.01
64) Phenanthrene-d10	11.392	188	733592	20.00	ng	-0.01
76) Chrysene-d12	14.039	240	685959	20.00	ng	-0.01
86) Perylene-d12	15.515	264	584408	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	999164	80.54	ng	0.00
7) Phenol-d6	6.492	99	1287395	79.32	ng	-0.02
23) Nitrobenzene-d5	7.422	82	801262	67.12	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	355506	85.24	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1440690	57.93	ng	0.00
79) Terphenyl-d14	12.986	244	1745751	53.92	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.492	77	2393	Below Cal	#	3
10) Phenol	6.504	94	56825	3.56	ng	78
19) n-Nitroso-di-n-propyla...	7.422	70	105614	10.89	ng	# 74
25) Isophorone	7.422	82	790982	29.72	ng	# 67
48) 2-Nitroaniline	9.622	65	1009	5.29	ng	# 1
50) Dimethylphthalate	9.622	163	116664	4.22	ng	99
51) 2,6-Dinitrotoluene	9.904	165	50240	11.34	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	50240	10.57	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.692	198	650	6.40	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	23069	2.68	ng	# 1

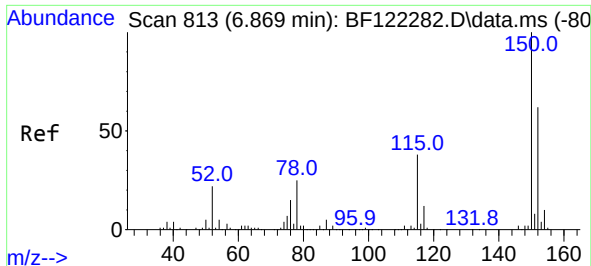
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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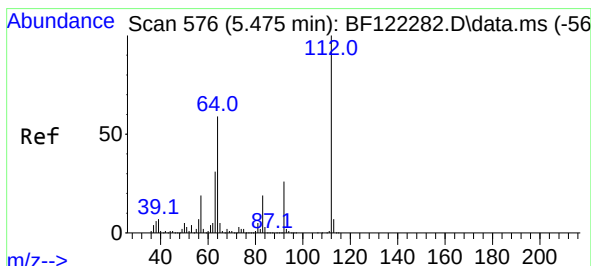
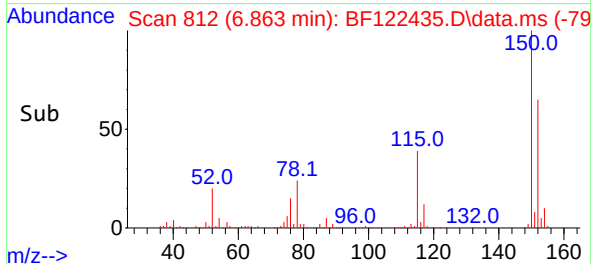
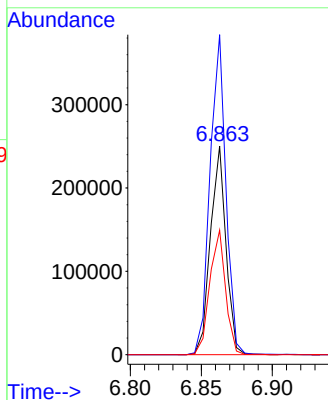
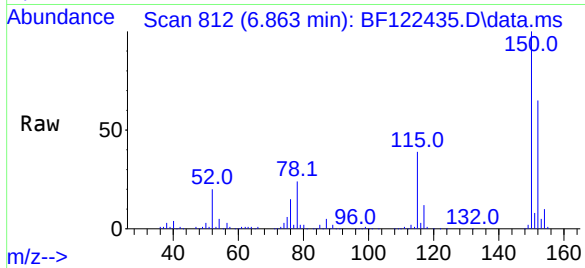




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122435.D
Acq: 21 Nov 2020 22:53

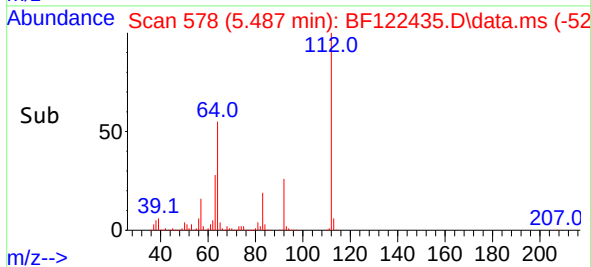
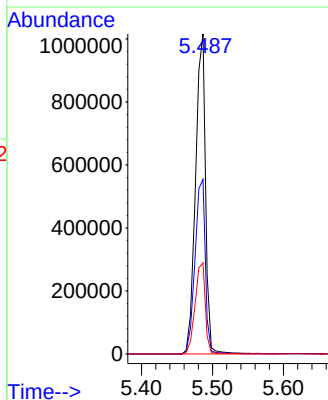
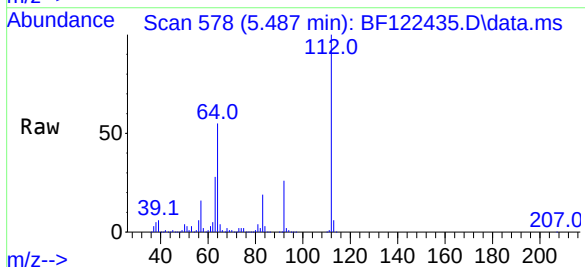
Instrument :
BNA_F
ClientSampleId :
KENS-112020-BD

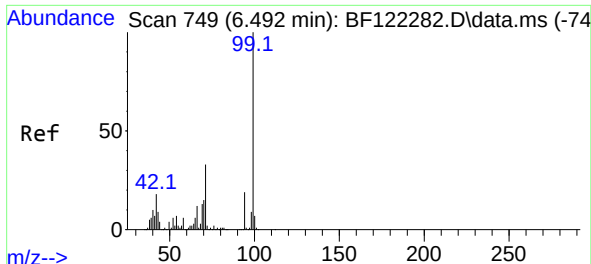
Tgt Ion:152 Resp: 190501
Ion Ratio Lower Upper
152 100
150 153.3 125.3 187.9
115 59.7 51.9 77.9



#5
2-Fluorophenol
Concen: 80.54 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF122435.D
Acq: 21 Nov 2020 22:53

Tgt Ion:112 Resp: 999164
Ion Ratio Lower Upper
112 100
64 54.6 50.4 75.6
63 28.4 25.8 38.6

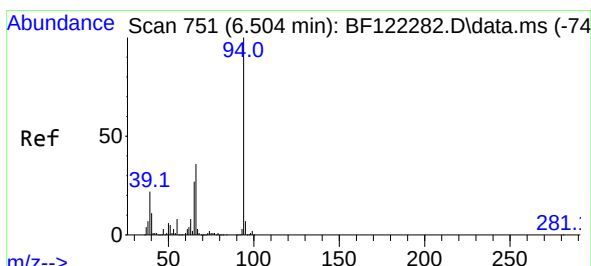
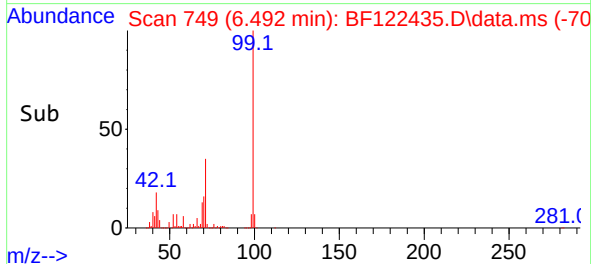
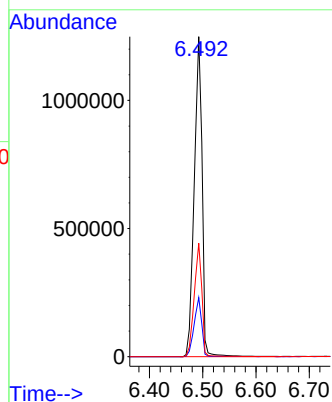
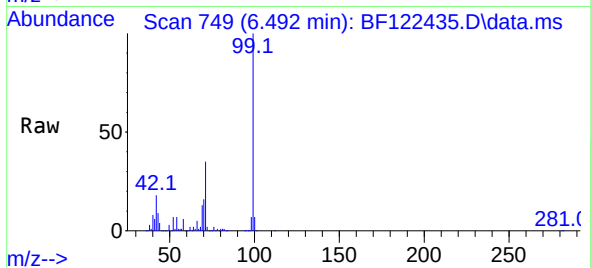




#7
Phenol-d6
Concen: 79.32 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.018 min
Lab File: BF122435.D
Acq: 21 Nov 2020 22:53

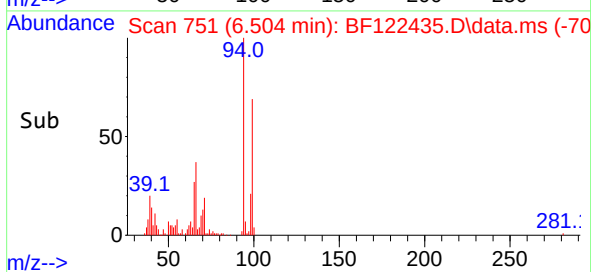
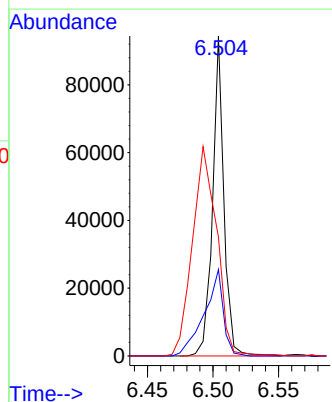
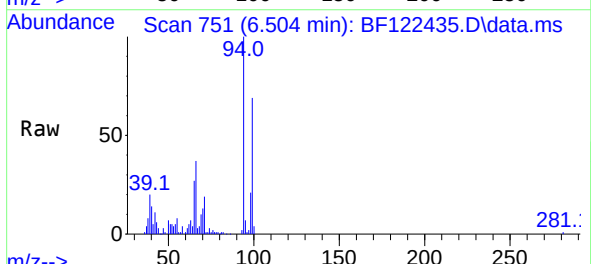
Instrument :
BNA_F
ClientSampleId :
KENS-112020-BD

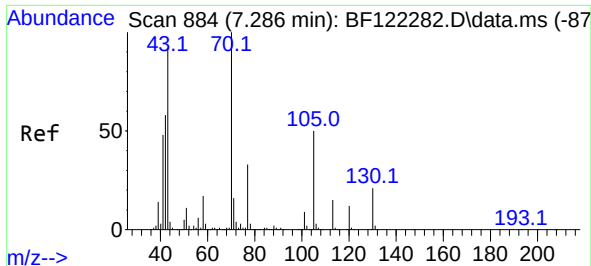
Tgt Ion: 99 Resp: 1287395
Ion Ratio Lower Upper
99 100
42 18.5 15.9 23.9
71 35.4 27.1 40.7



#10
Phenol
Concen: 3.56 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.018 min
Lab File: BF122435.D
Acq: 21 Nov 2020 22:53

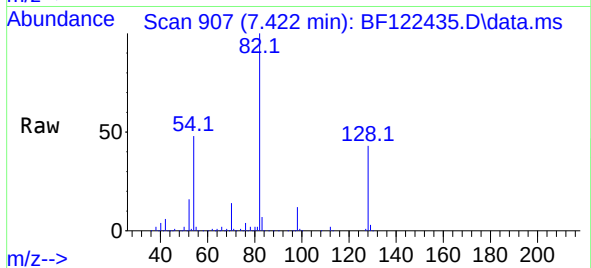
Tgt Ion: 94 Resp: 56825
Ion Ratio Lower Upper
94 100
65 27.0 17.1 57.1
66 37.2 36.0 76.0



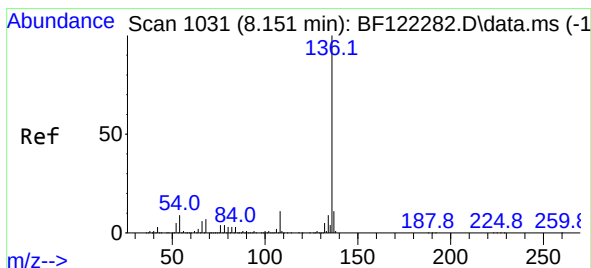
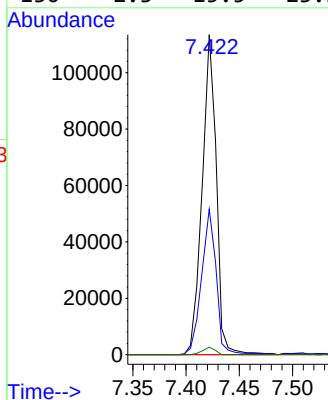
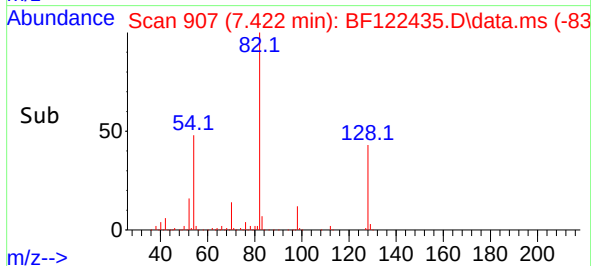


#19
n-Nitroso-di-n-propylamine
Concen: 10.89 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.135 min
Lab File: BF122435.D
Acq: 21 Nov 2020 22:53

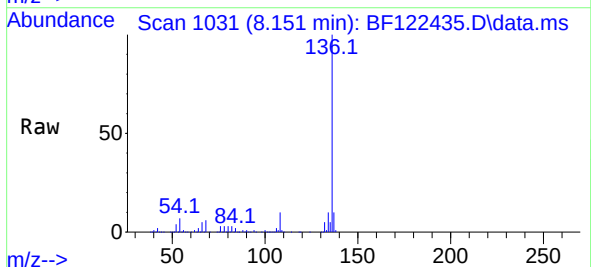
Instrument :
BNA_F
ClientSampleId :
KENS-112020-BD



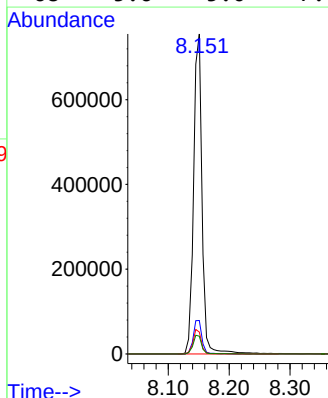
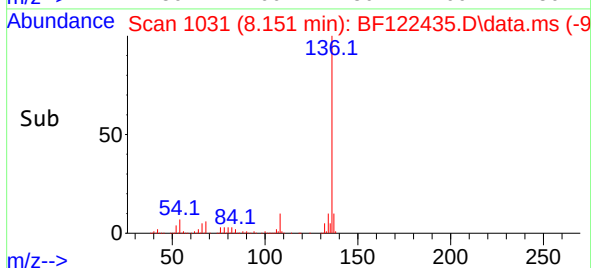
Tgt Ion: 70 Resp: 105614
Ion Ratio Lower Upper
70 100
42 45.5 50.2 75.4#
101 0.0 7.5 11.3#
130 2.3 15.5 23.3#

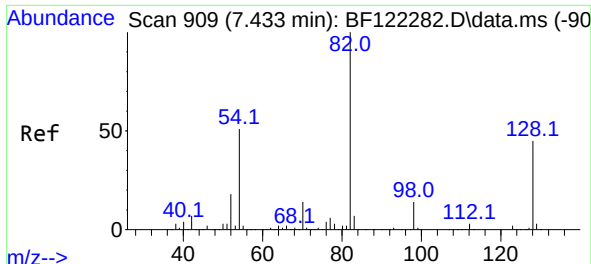


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF122435.D
Acq: 21 Nov 2020 22:53



Tgt Ion: 136 Resp: 730834
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 6.9 7.1 10.7#
68 5.6 5.0 7.4

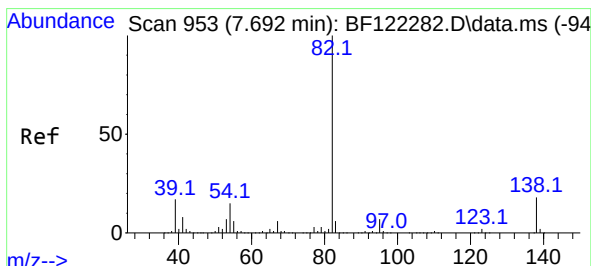
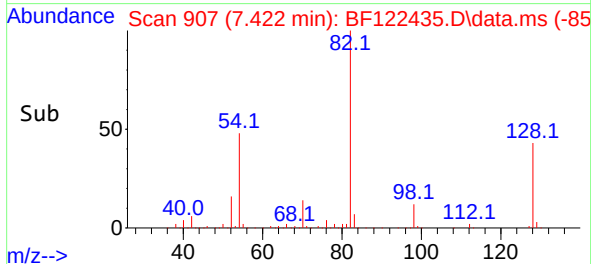
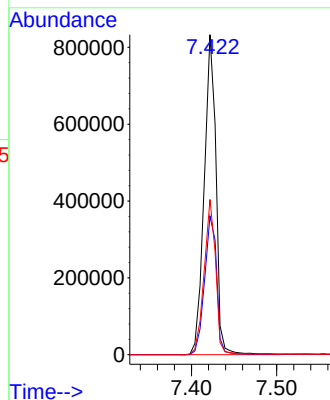
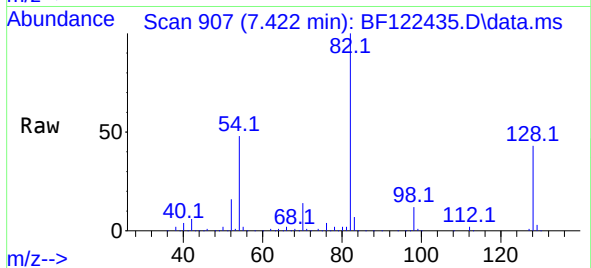




#23
Nitrobenzene-d5
Concen: 67.12 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF122435.D
Acq: 21 Nov 2020 22:53

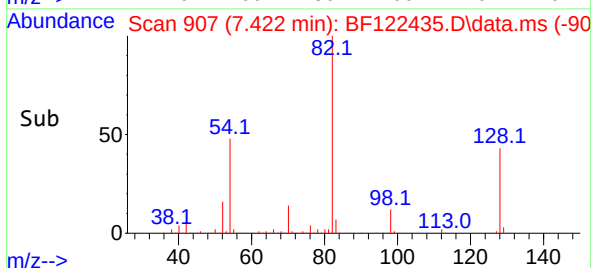
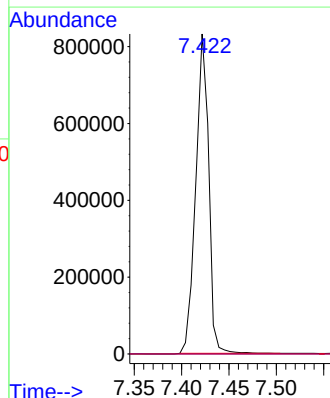
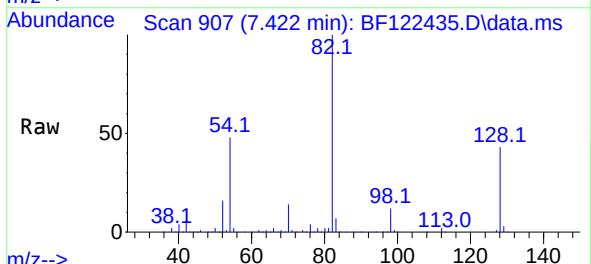
Instrument :
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ClientSampleId :
KENS-112020-BD

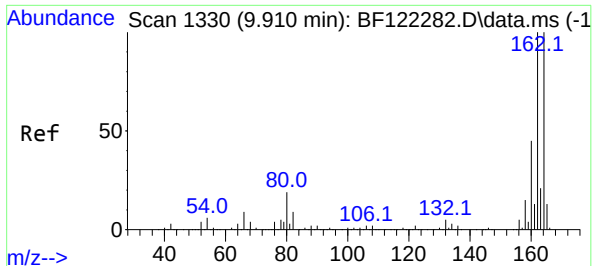
Tgt Ion: 82 Resp: 801262
Ion Ratio Lower Upper
82 100
128 43.3 35.0 52.4
54 48.5 43.9 65.9



#25
Isophorone
Concen: 29.72 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.271 min
Lab File: BF122435.D
Acq: 21 Nov 2020 22:53

Tgt Ion: 82 Resp: 790982
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: BF122435.D

Acq: 21 Nov 2020 22:53

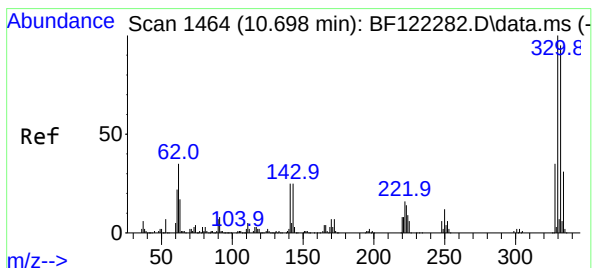
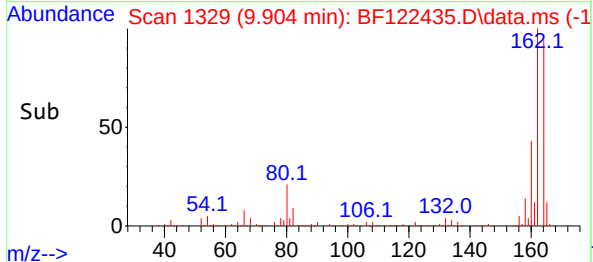
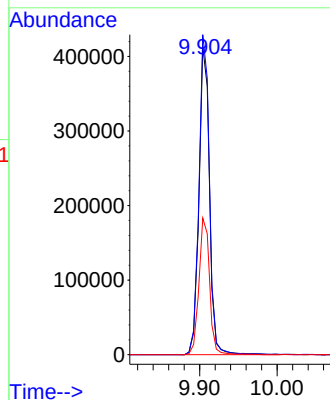
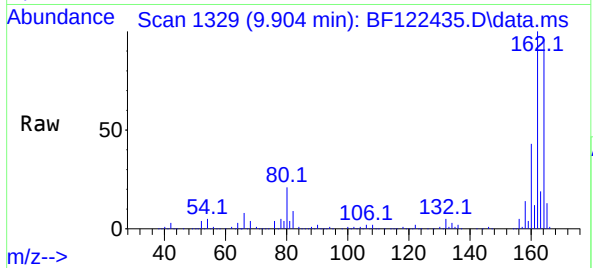
Tgt Ion:164 Resp: 388588

Ion Ratio Lower Upper

164 100

162 103.9 83.2 124.8

160 44.4 37.5 56.3



#42

2,4,6-Tribromophenol

Concen: 85.24 ng

RT: 10.698 min Scan# 1464

Delta R.T. -0.006 min

Lab File: BF122435.D

Acq: 21 Nov 2020 22:53

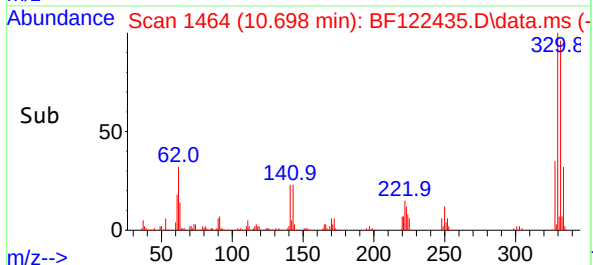
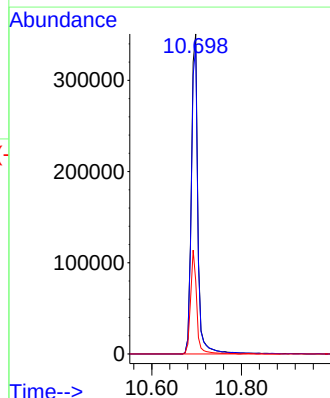
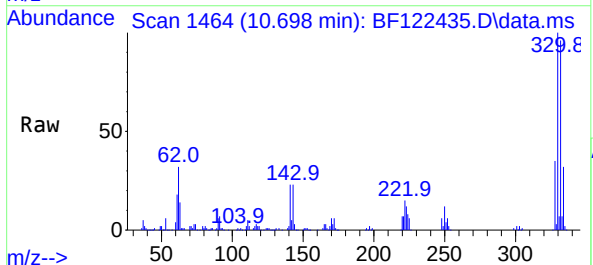
Tgt Ion:330 Resp: 355506

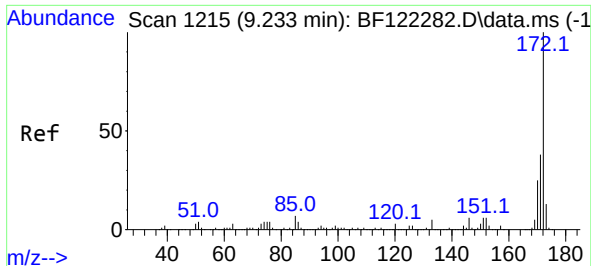
Ion Ratio Lower Upper

330 100

332 95.8 77.3 115.9

141 30.3 22.3 33.5

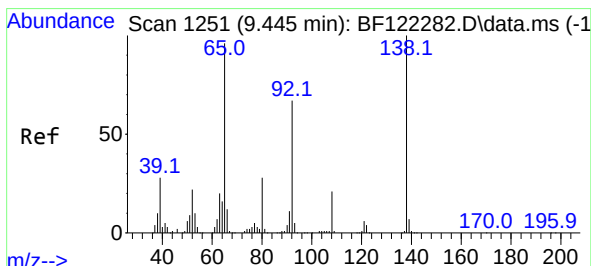
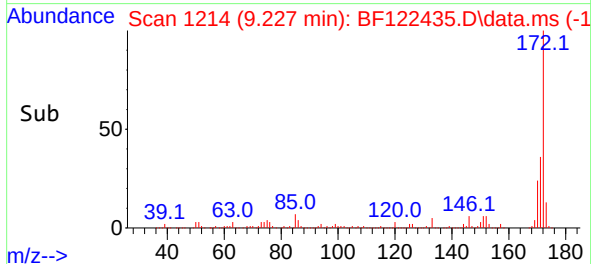
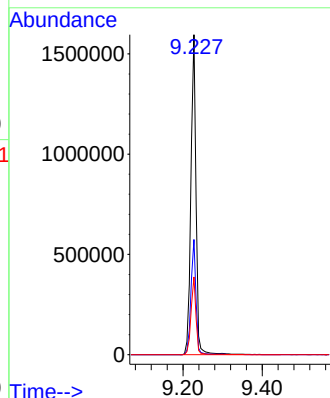
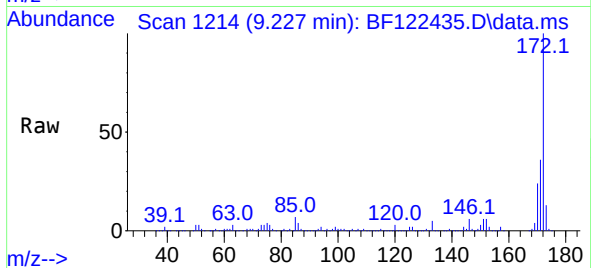




#45
2-Fluorobiphenyl
Concen: 57.93 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122435.D
Acq: 21 Nov 2020 22:53

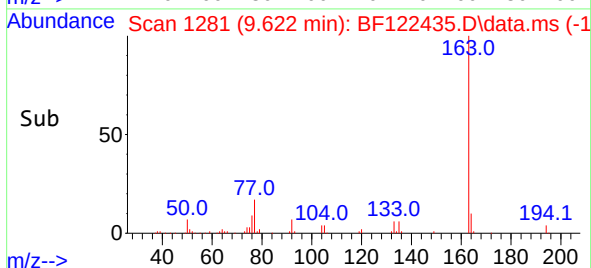
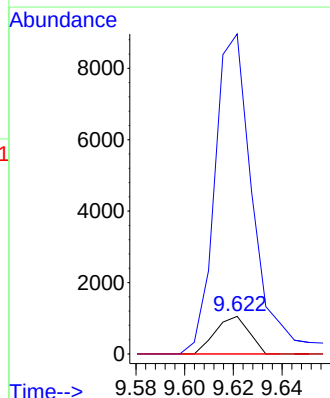
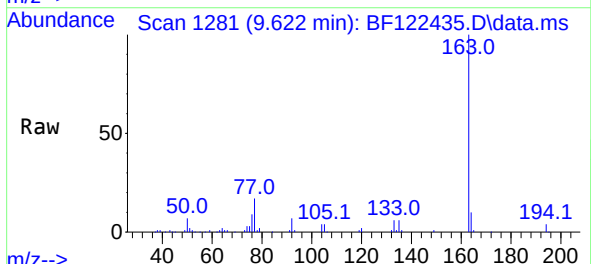
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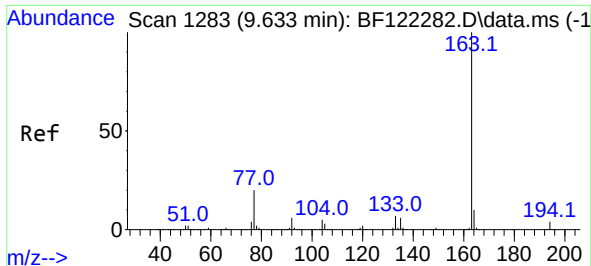
Tgt Ion:172 Resp: 1440690
Ion Ratio Lower Upper
172 100
171 36.0 29.1 43.7
170 24.3 19.8 29.6



#48
2-Nitroaniline
Concen: 5.29 ng
RT: 9.622 min Scan# 1281
Delta R.T. 0.165 min
Lab File: BF122435.D
Acq: 21 Nov 2020 22:53

Tgt Ion: 65 Resp: 1009
Ion Ratio Lower Upper
65 100
92 850.4 55.1 82.7#
138 0.0 80.5 120.7#



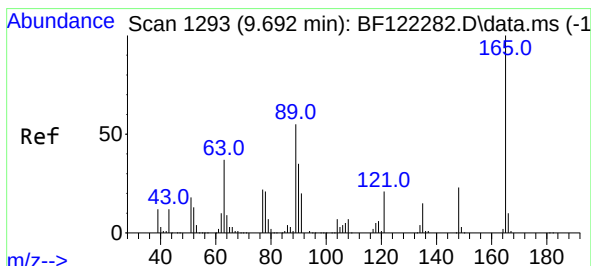
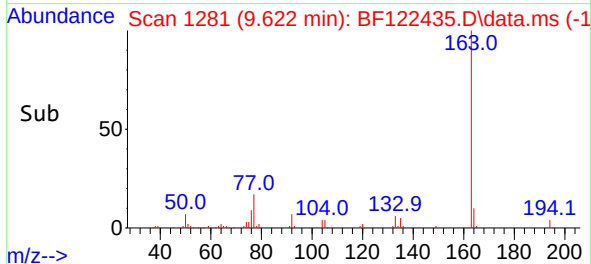
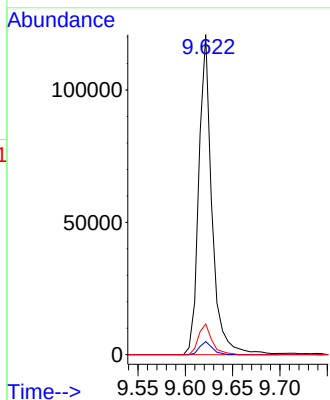
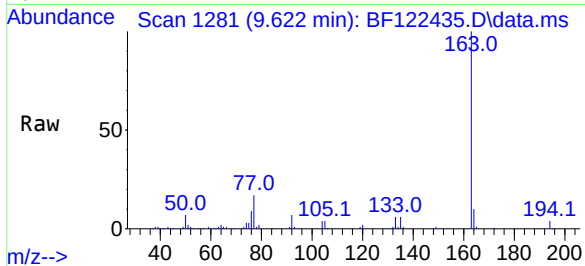


#50
Dimethylphthalate
Concen: 4.22 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BF122435.D
Acq: 21 Nov 2020 22:53

Instrument :
BNA_F
ClientSampleId :
KENS-112020-BD

Tgt Ion:163 Resp: 116664

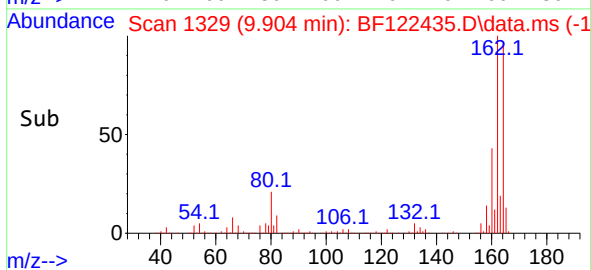
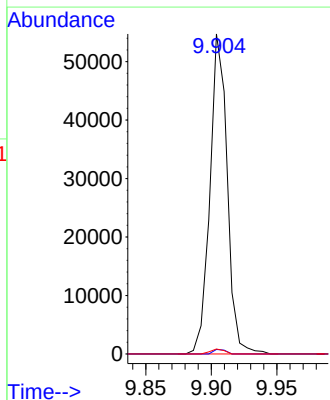
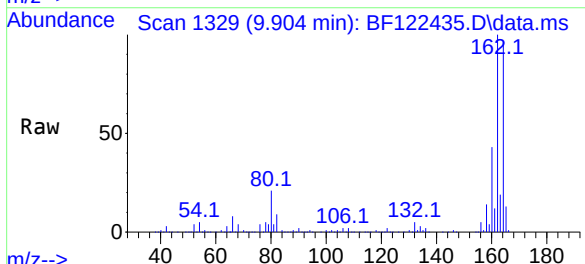
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	9.6	8.2	12.4

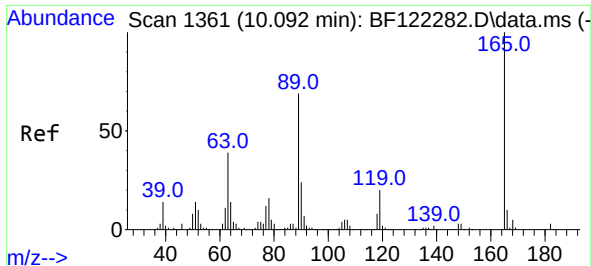


#51
2,6-Dinitrotoluene
Concen: 11.34 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF122435.D
Acq: 21 Nov 2020 22:53

Tgt Ion:165 Resp: 50240

Ion	Ratio	Lower	Upper
165	100		
63	1.4	51.8	77.6#
89	1.6	49.0	73.6#

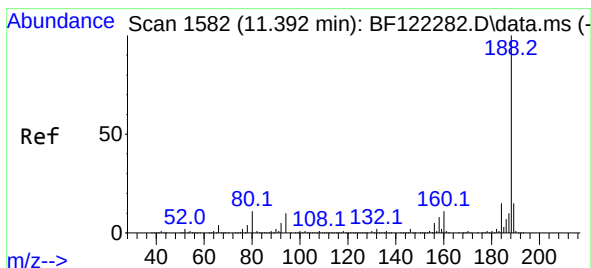
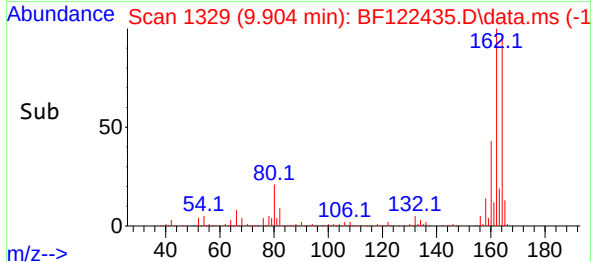
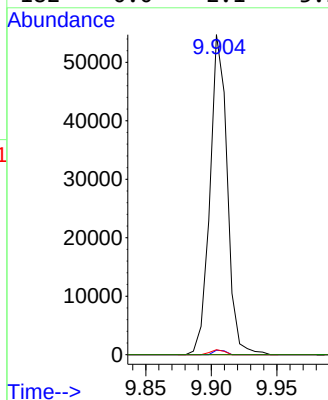
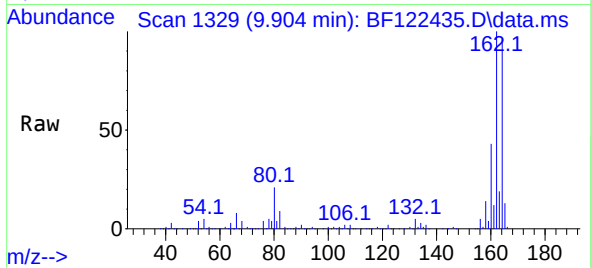




#57
2,4-Dinitrotoluene
Concen: 10.57 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF122435.D
Acq: 21 Nov 2020 22:53

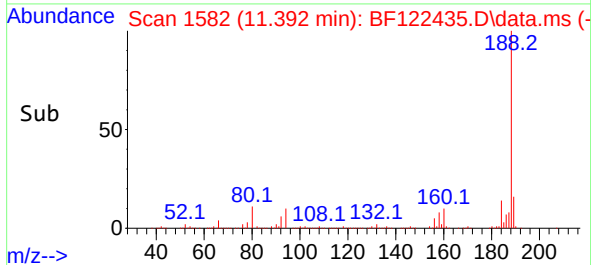
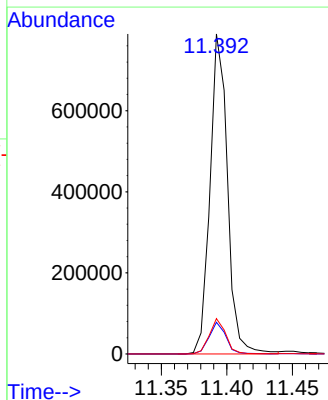
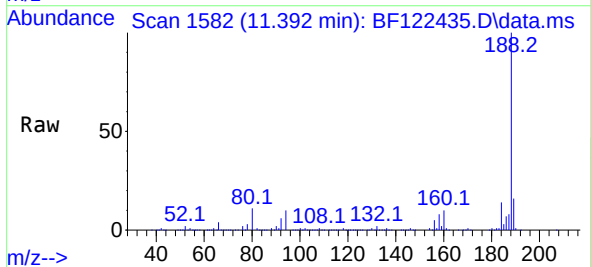
Instrument :
BNA_F
ClientSampleId :
KENS-112020-BD

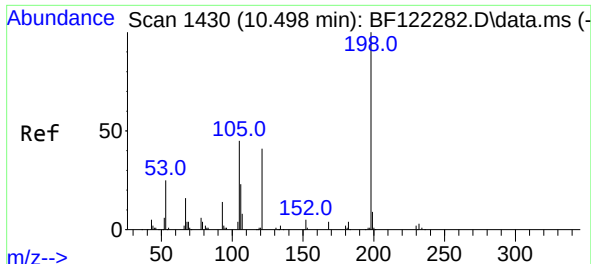
Tgt Ion:165	Resp:	50240
Ion Ratio	Lower	Upper
165	100	
63	1.4	41.3 61.9#
89	1.6	61.8 92.8#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF122435.D
Acq: 21 Nov 2020 22:53

Tgt Ion:188	Resp:	733592
Ion Ratio	Lower	Upper
188	100	
94	9.9	8.3 12.5
80	11.1	9.1 13.7

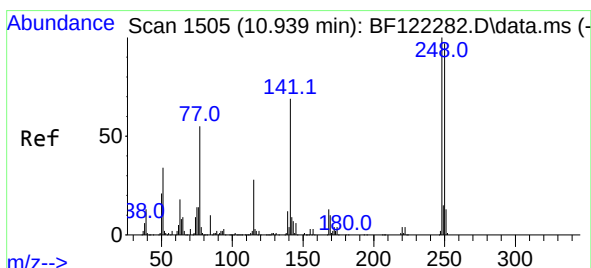
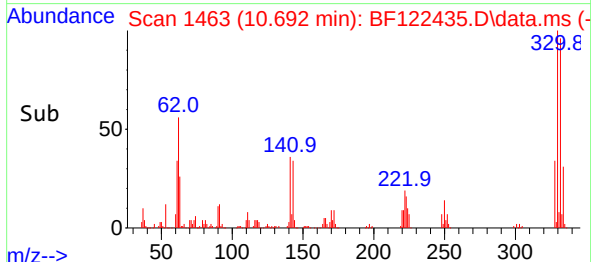
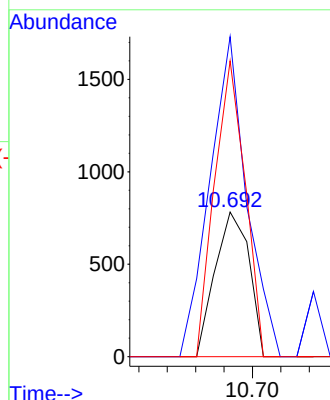
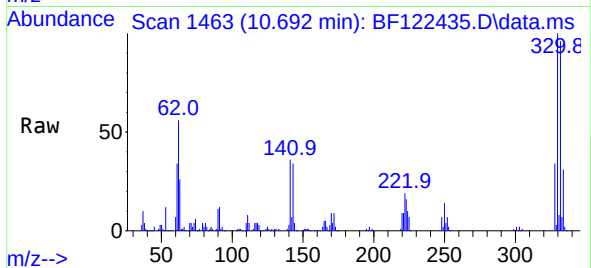




#65
4,6-Dinitro-2-methylphenol
Concen: 6.40 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.182 min
Lab File: BF122435.D
Acq: 21 Nov 2020 22:53

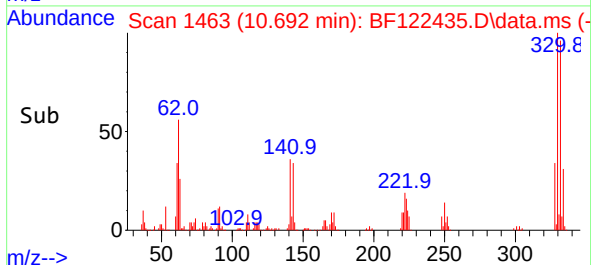
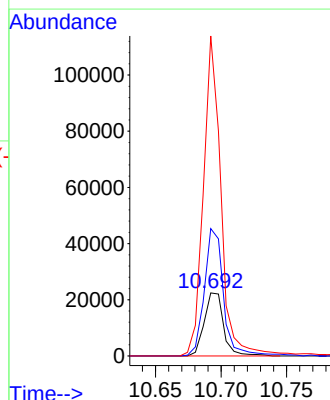
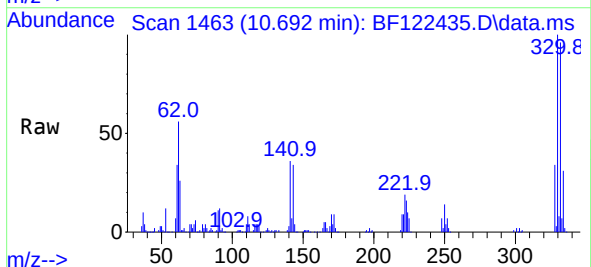
Instrument :
BNA_F
ClientSampleId :
KENS-112020-BD

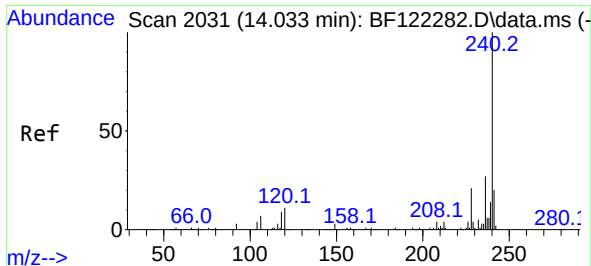
Tgt Ion:198 Resp: 650
Ion Ratio Lower Upper
198 100
51 221.4 29.6 69.6#
105 204.6 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 2.68 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.253 min
Lab File: BF122435.D
Acq: 21 Nov 2020 22:53

Tgt Ion:248 Resp: 23069
Ion Ratio Lower Upper
248 100
250 202.0 77.0 115.6#
141 507.6 53.7 80.5#

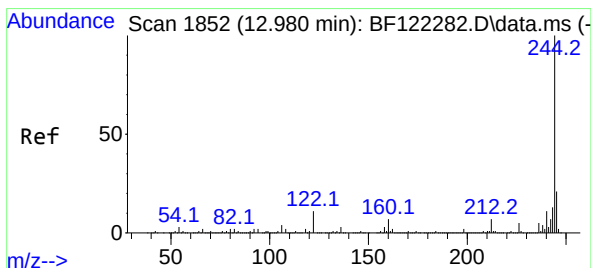
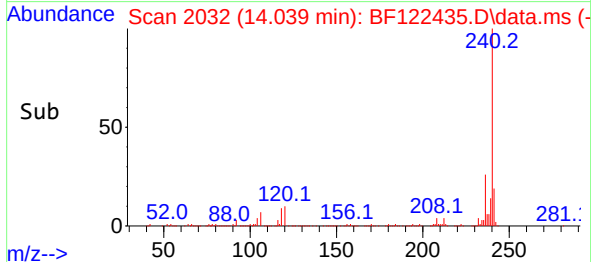
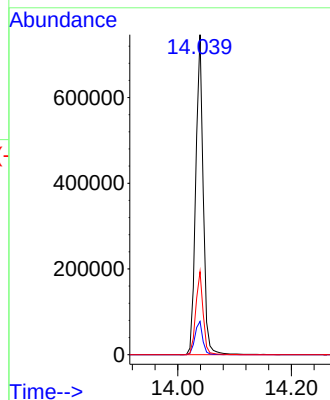
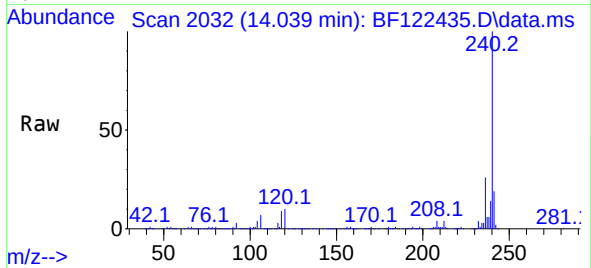




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF122435.D
Acq: 21 Nov 2020 22:53

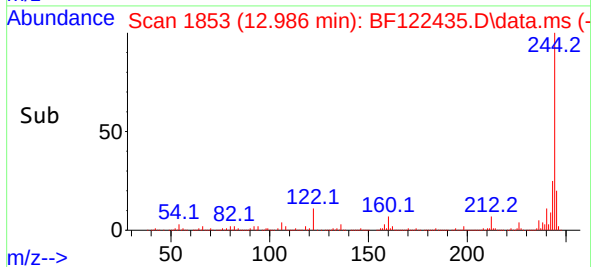
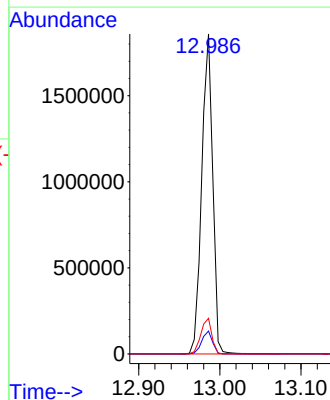
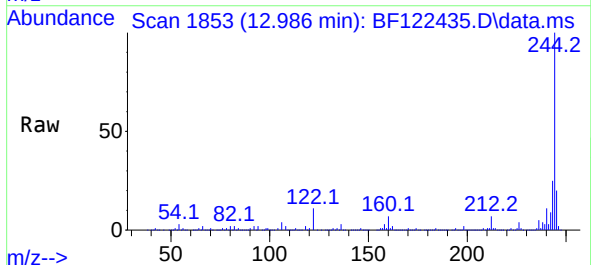
Instrument :
BNA_F
ClientSampleId :
KENS-112020-BD

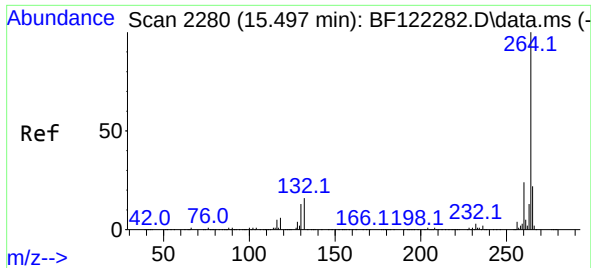
Tgt Ion:240 Resp: 685959
Ion Ratio Lower Upper
240 100
120 10.4 9.2 13.8
236 26.0 20.9 31.3



#79
Terphenyl-d14
Concen: 53.92 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF122435.D
Acq: 21 Nov 2020 22:53

Tgt Ion:244 Resp: 1745751
Ion Ratio Lower Upper
244 100
212 7.1 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: BF122435.D
 Acq: 21 Nov 2020 22:53

Instrument :
 BNA_F
 ClientSampleId :
 KENS-112020-BD

Tgt Ion:264 Resp: 584408

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.2	17.3	25.9

