

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112020\
 Data File : BF122408.D
 Acq On : 20 Nov 2020 17:43
 Operator : JU/CG
 Sample : L4800-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KENS-B1-111820-0-1

Quant Time: Nov 20 23:53:07 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)

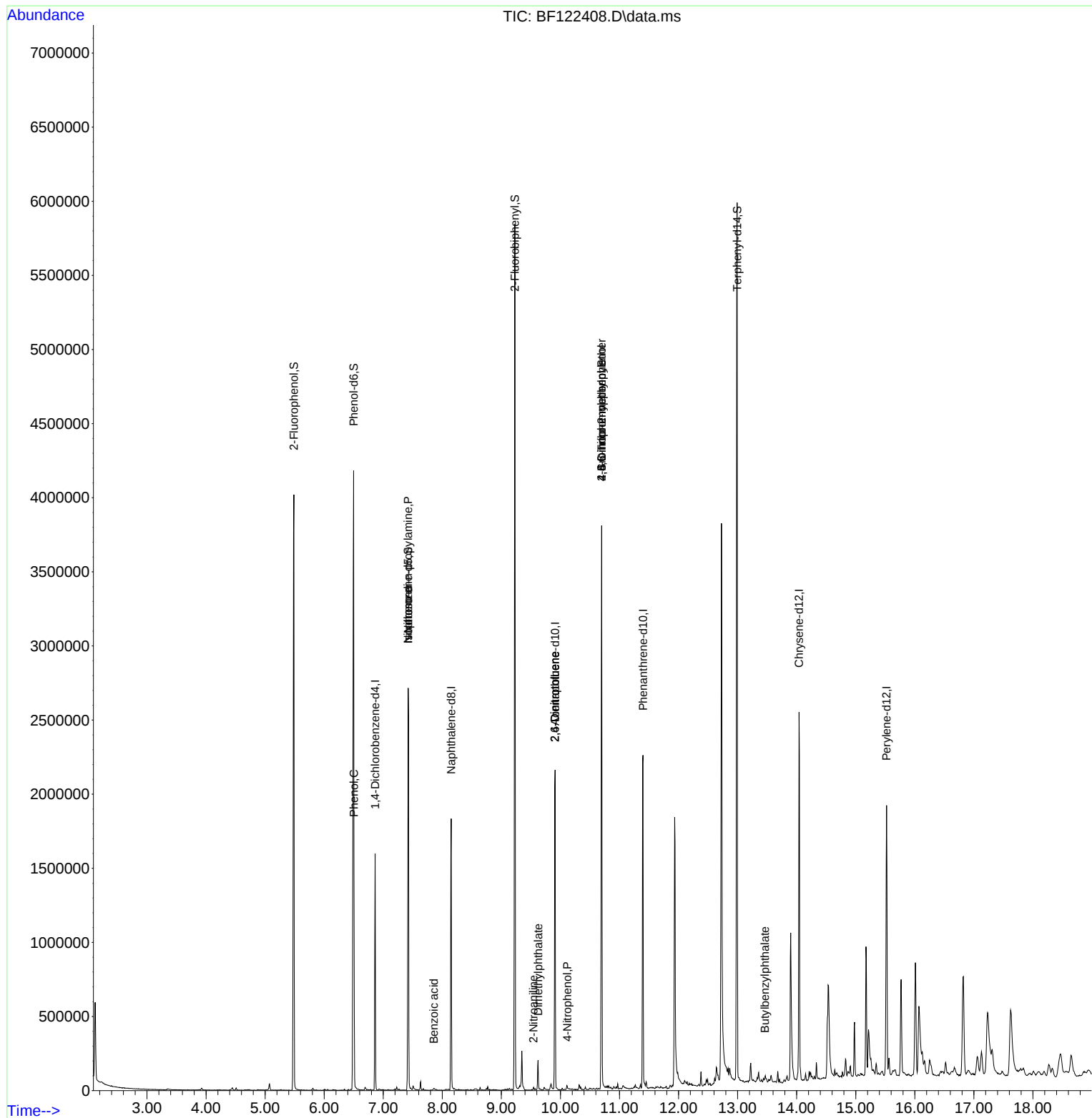
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	212075	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	831537	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	456219	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	868661	20.00	ng	0.00
76) Chrysene-d12	14.039	240	857523	20.00	ng	-0.01
86) Perylene-d12	15.521	264	856999	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1192545	86.34	ng	0.00
7) Phenol-d6	6.498	99	1523314	84.31	ng	-0.01
23) Nitrobenzene-d5	7.422	82	942708	69.40	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	472334	96.46	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1735900	59.45	ng	0.00
79) Terphenyl-d14	12.992	244	2043224	50.48	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.410	77	1280	Below Cal	#	86
10) Phenol	6.504	94	144891	8.14	ng	88
19) n-Nitroso-di-n-propyla...	7.422	70	129044	11.95	ng	# 75
25) Isophorone	7.422	82	935700	30.90	ng	# 67
32) Benzoic acid	7.857	122	1944	8.17	ng	89
48) 2-Nitroaniline	9.545	65	274	5.20	ng	# 15
50) Dimethylphthalate	9.622	163	80438	2.48	ng	98
51) 2,6-Dinitrotoluene	9.904	165	58780	11.31	ng	# 21
56) 4-Nitrophenol	10.116	139	107	5.42	ng	# 10
57) 2,4-Dinitrotoluene	9.904	165	58780	10.55	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.698	198	930	6.46	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	30112	2.95	ng	# 1
80) Butylbenzylphthalate	13.462	149	3134	3.41	ng	# 85

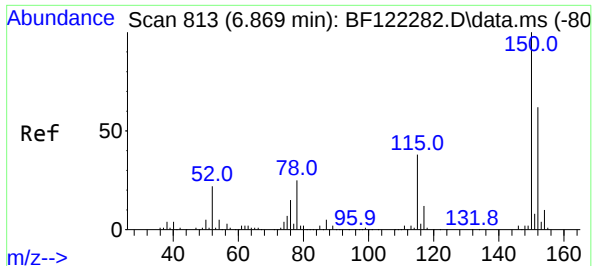
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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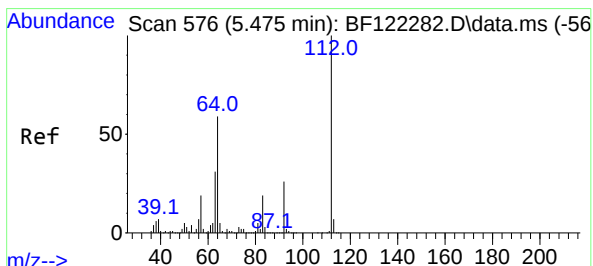
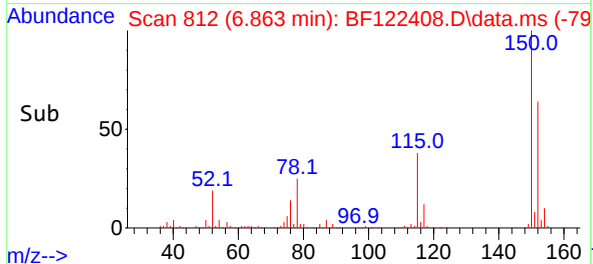
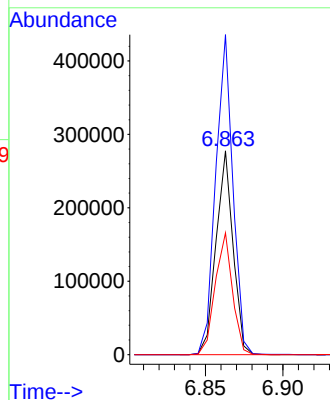
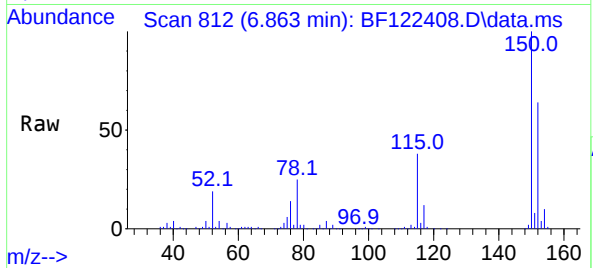




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122408.D
Acq: 20 Nov 2020 17:43

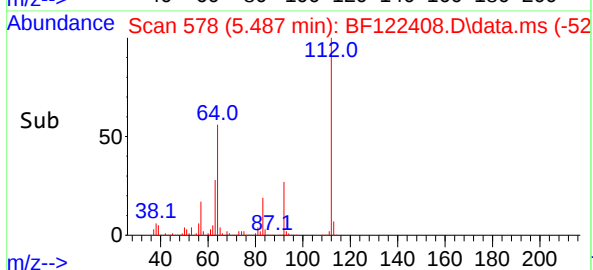
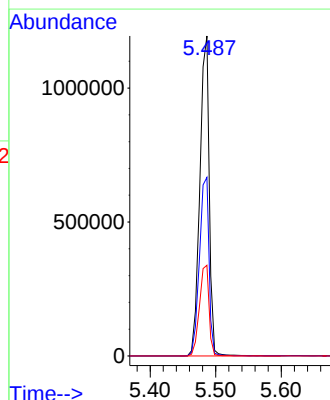
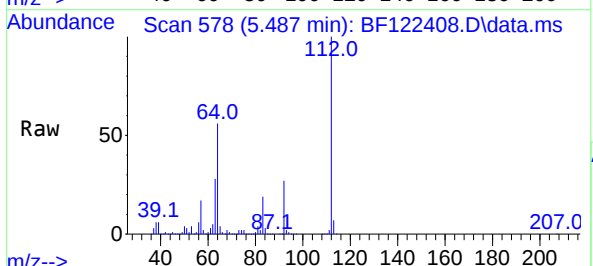
Instrument :
BNA_F
ClientSampleId :
KENS-B1-111820-0-1

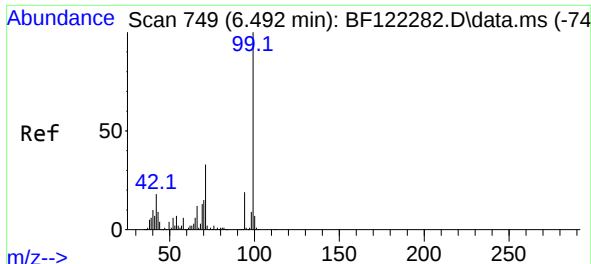
Tgt Ion:152 Resp: 212075
Ion Ratio Lower Upper
152 100
150 156.9 125.3 187.9
115 59.8 51.9 77.9



#5
2-Fluorophenol
Concen: 86.34 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF122408.D
Acq: 20 Nov 2020 17:43

Tgt Ion:112 Resp: 1192545
Ion Ratio Lower Upper
112 100
64 55.8 50.4 75.6
63 28.4 25.8 38.6



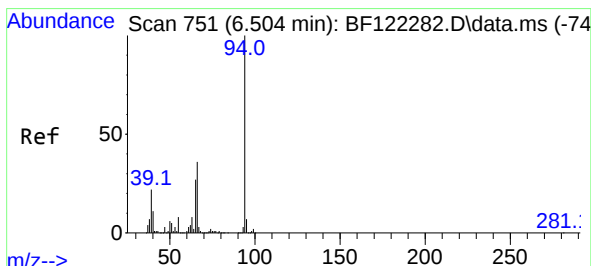
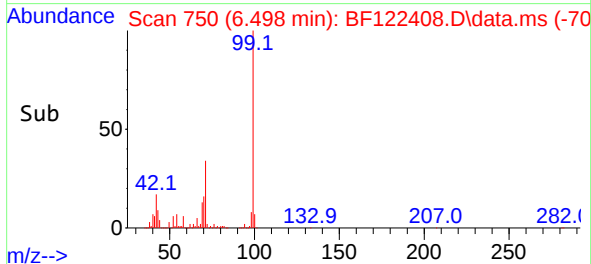
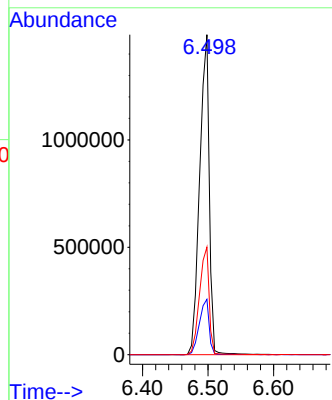
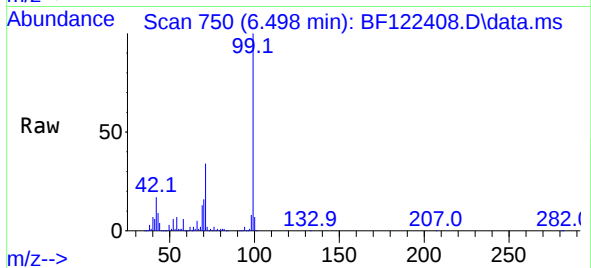


#7
Phenol-d6
Concen: 84.31 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF122408.D
Acq: 20 Nov 2020 17:43

Instrument :
BNA_F
ClientSampleId :
KENS-B1-111820-0-1

Tgt Ion: 99 Resp: 1523314

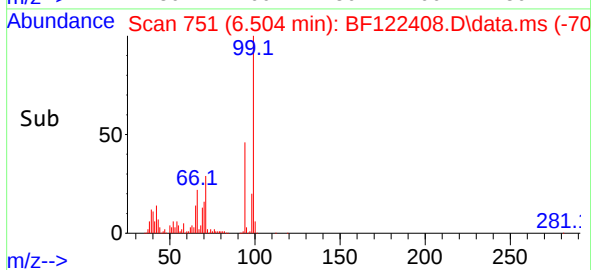
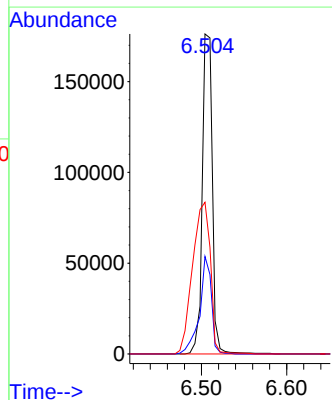
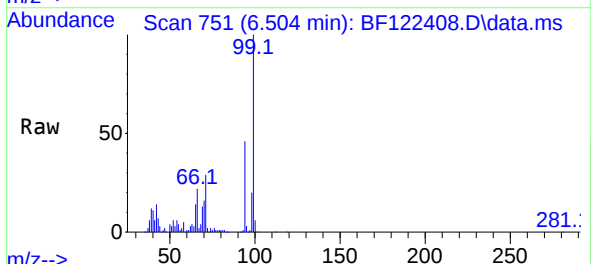
Ion	Ratio	Lower	Upper
99	100		
42	17.3	15.9	23.9
71	33.6	27.1	40.7

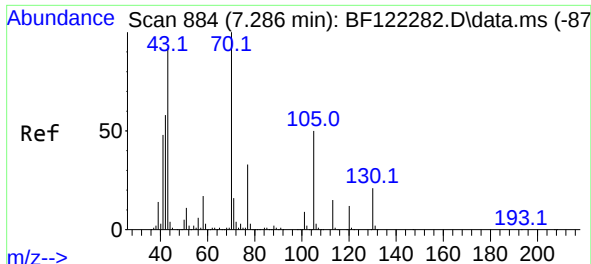


#10
Phenol
Concen: 8.14 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.018 min
Lab File: BF122408.D
Acq: 20 Nov 2020 17:43

Tgt Ion: 94 Resp: 144891

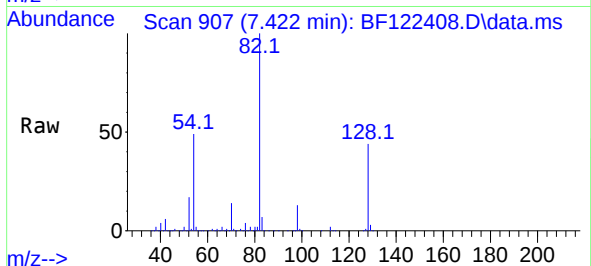
Ion	Ratio	Lower	Upper
94	100		
65	30.4	17.1	57.1
66	47.4	36.0	76.0



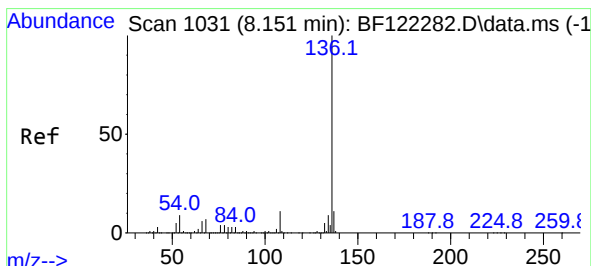
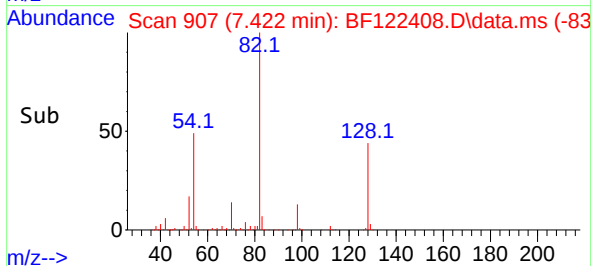
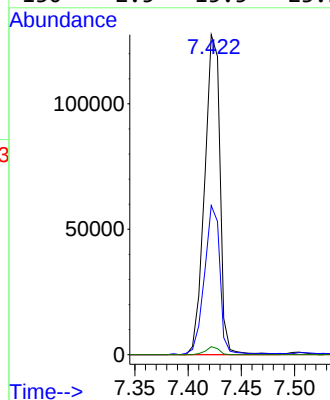


#19
n-Nitroso-di-n-propylamine
Concen: 11.95 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.135 min
Lab File: BF122408.D
Acq: 20 Nov 2020 17:43

Instrument :
BNA_F
ClientSampleId :
KENS-B1-111820-0-1

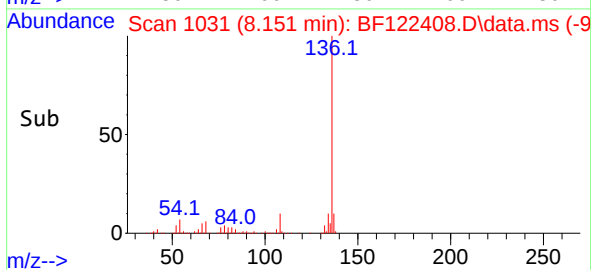
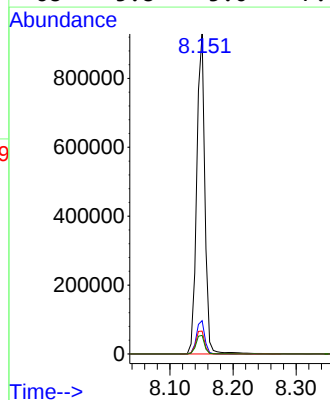
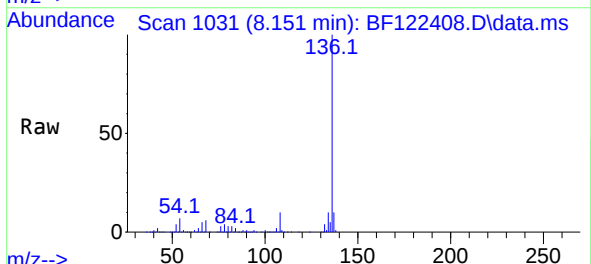


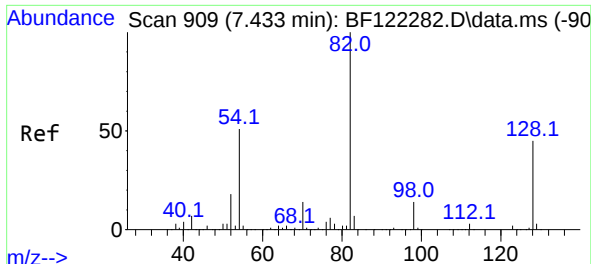
Tgt Ion: 70 Resp: 129044
Ion Ratio Lower Upper
70 100
42 46.6 50.2 75.4#
101 0.0 7.5 11.3#
130 2.5 15.5 23.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF122408.D
Acq: 20 Nov 2020 17:43

Tgt Ion: 136 Resp: 831537
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 7.2 7.1 10.7
68 5.8 5.0 7.4

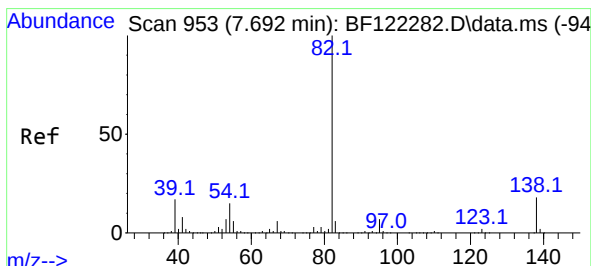
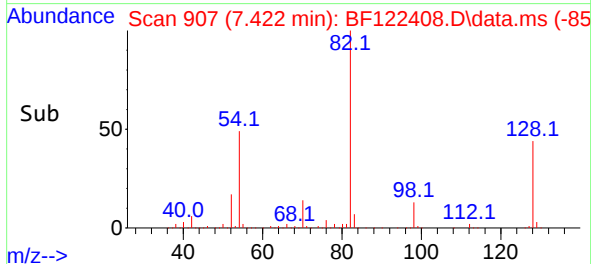
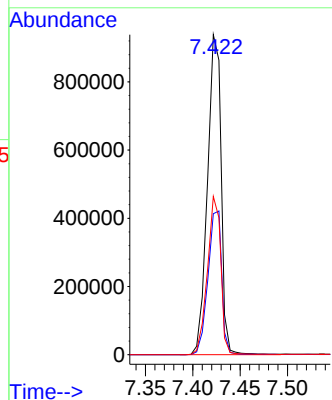
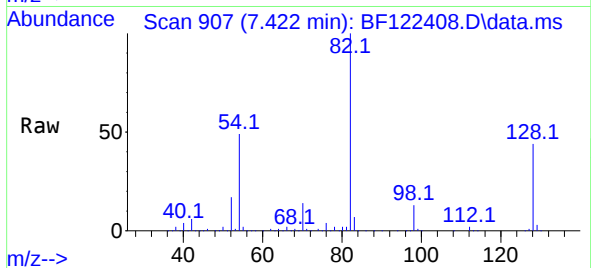




#23
Nitrobenzene-d5
Concen: 69.40 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF122408.D
Acq: 20 Nov 2020 17:43

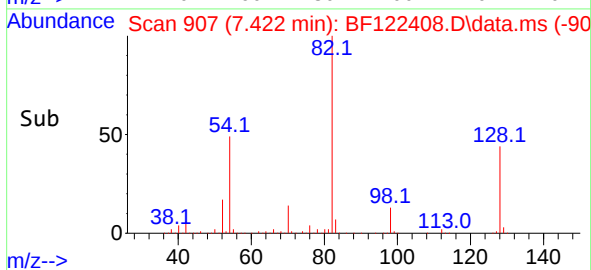
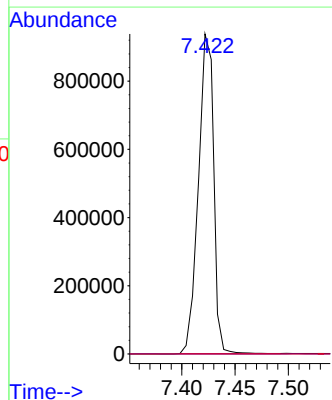
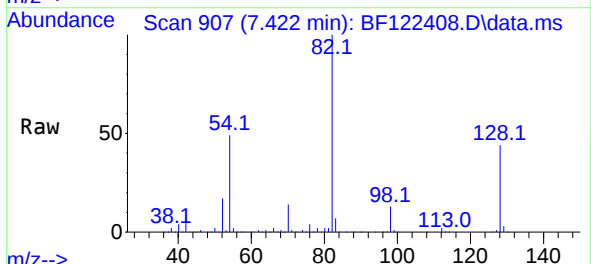
Instrument :
BNA_F
ClientSampleId :
KENS-B1-111820-0-1

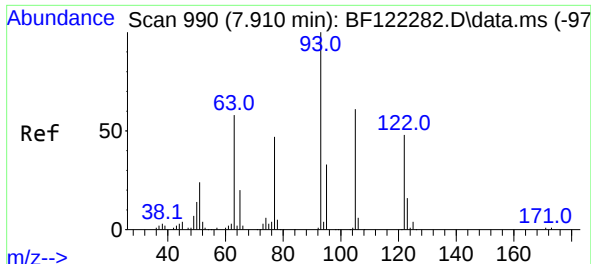
Tgt Ion: 82 Resp: 942708
Ion Ratio Lower Upper
82 100
128 44.1 35.0 52.4
54 49.4 43.9 65.9



#25
Isophorone
Concen: 30.90 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.271 min
Lab File: BF122408.D
Acq: 20 Nov 2020 17:43

Tgt Ion: 82 Resp: 935700
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#

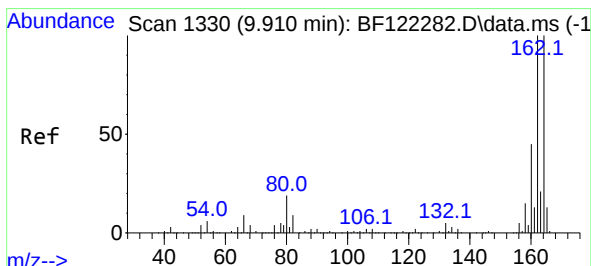
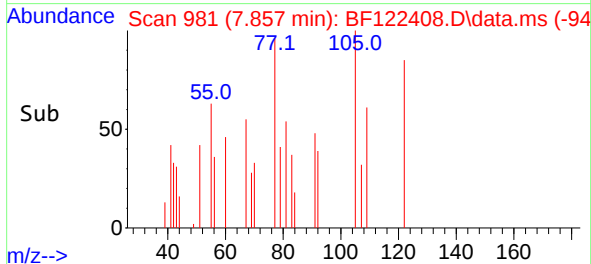
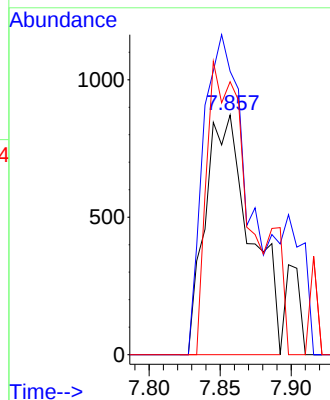
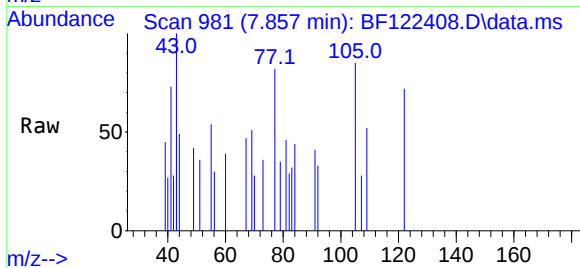




#32
Benzoic acid
Concen: 8.17 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.083 min
Lab File: BF122408.D
Acq: 20 Nov 2020 17:43

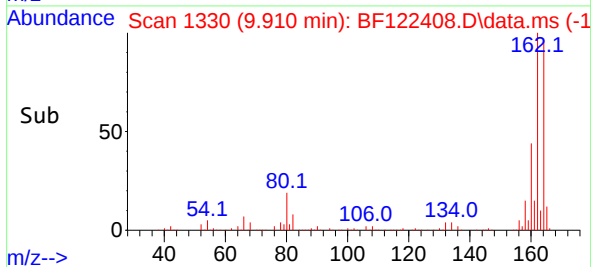
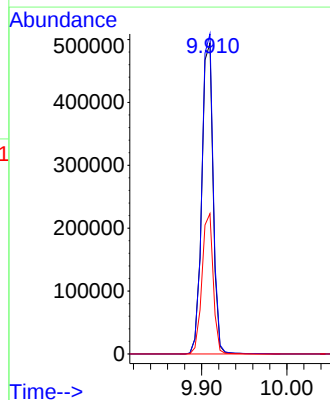
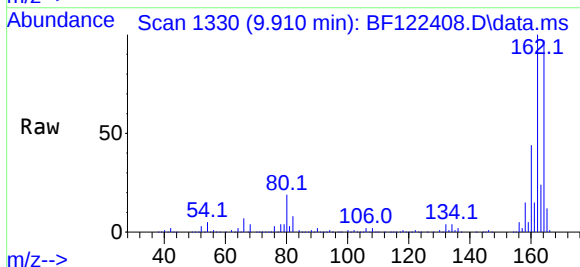
Instrument :
BNA_F
ClientSampleId :
KENS-B1-111820-0-1

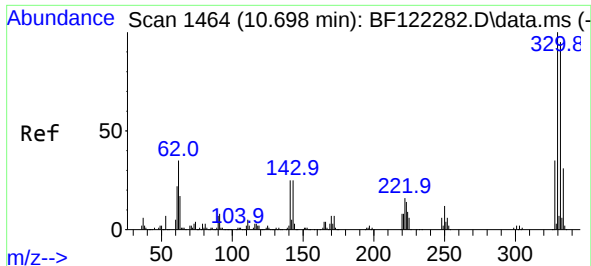
Tgt Ion:122 Resp: 1944
Ion Ratio Lower Upper
122 100
105 118.2 103.3 143.3
77 113.9 73.9 113.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF122408.D
Acq: 20 Nov 2020 17:43

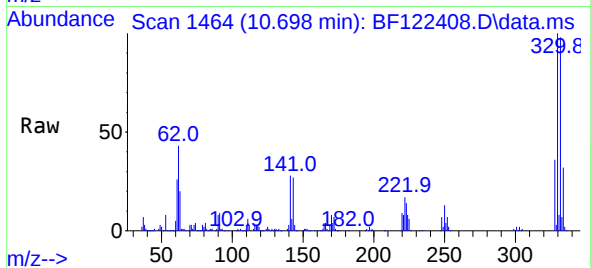
Tgt Ion:164 Resp: 456219
Ion Ratio Lower Upper
164 100
162 103.0 83.2 124.8
160 45.2 37.5 56.3



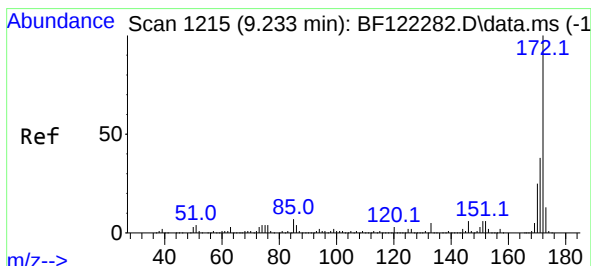
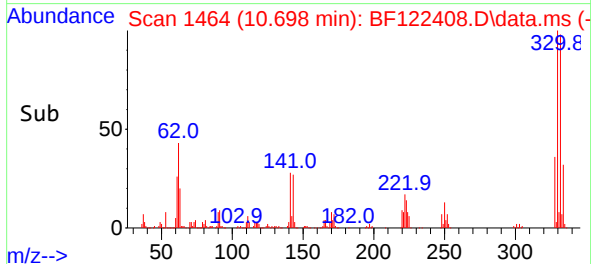
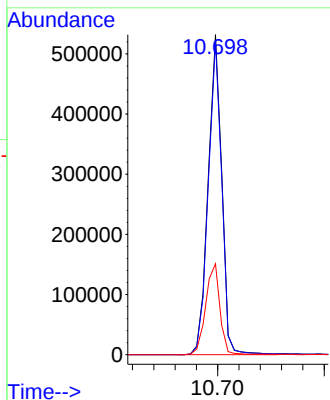


#42
2,4,6-Tribromophenol
Concen: 96.46 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF122408.D
Acq: 20 Nov 2020 17:43

Instrument :
BNA_F
ClientSampleId :
KENS-B1-111820-0-1

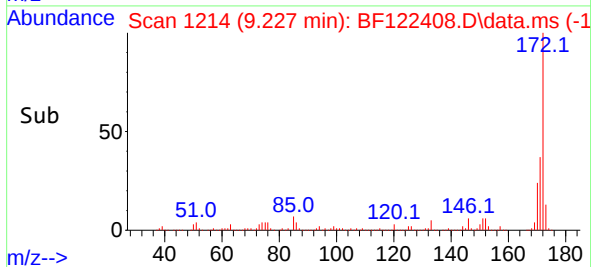
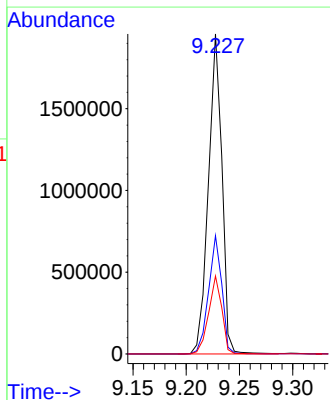
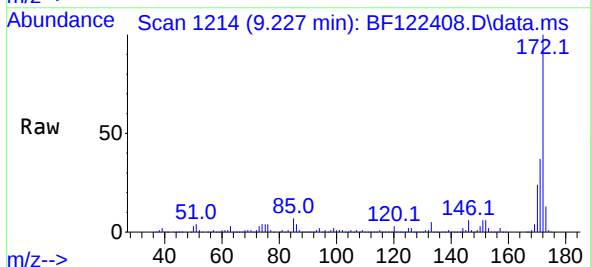


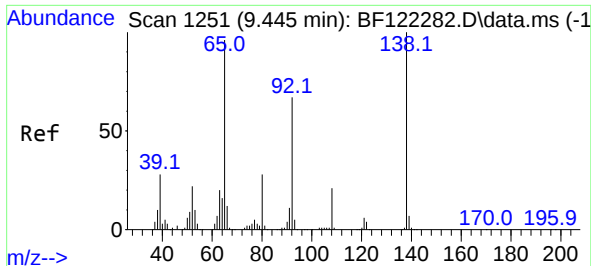
Tgt Ion:330 Resp: 472334
Ion Ratio Lower Upper
330 100
332 97.7 77.3 115.9
141 29.9 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 59.45 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122408.D
Acq: 20 Nov 2020 17:43

Tgt Ion:172 Resp: 1735900
Ion Ratio Lower Upper
172 100
171 36.9 29.1 43.7
170 24.3 19.8 29.6

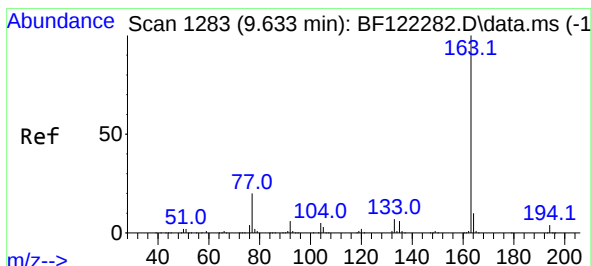
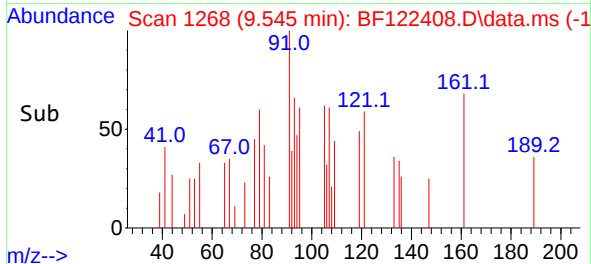
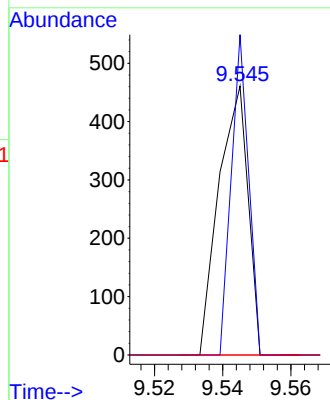
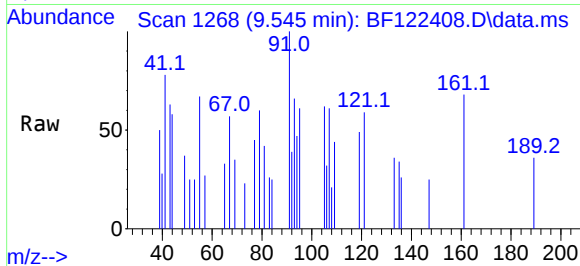




#48
2-Nitroaniline
Concen: 5.20 ng
RT: 9.545 min Scan# 1268
Delta R.T. 0.088 min
Lab File: BF122408.D
Acq: 20 Nov 2020 17:43

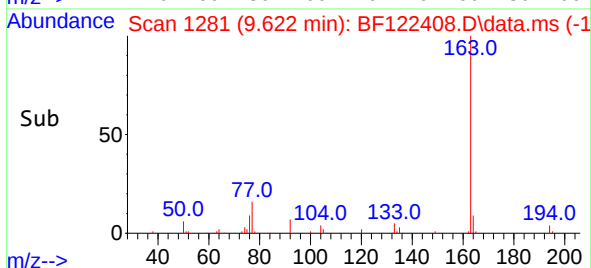
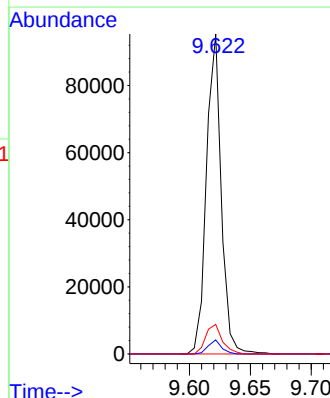
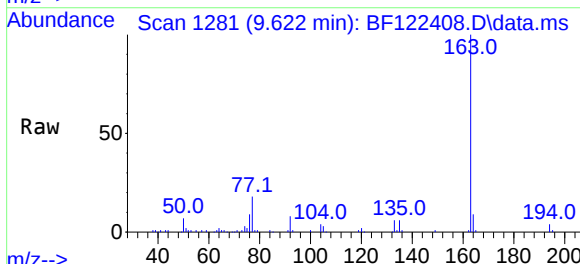
Instrument :
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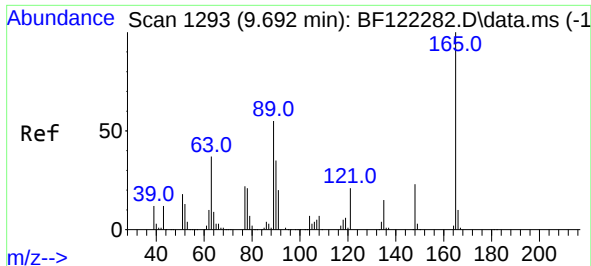
Tgt Ion: 65 Resp: 274
Ion Ratio Lower Upper
65 100
92 119.1 55.1 82.7#
138 0.0 80.5 120.7#



#50
Dimethylphthalate
Concen: 2.48 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BF122408.D
Acq: 20 Nov 2020 17:43

Tgt Ion: 163 Resp: 80438
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 9.3 8.2 12.4

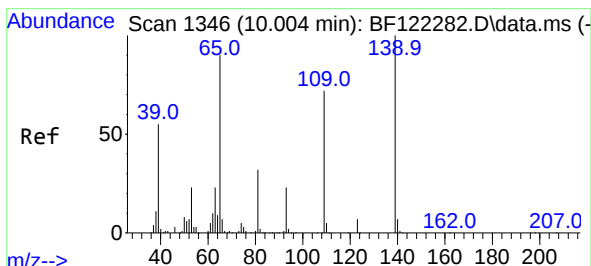
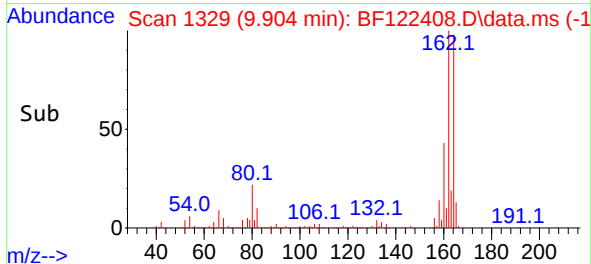
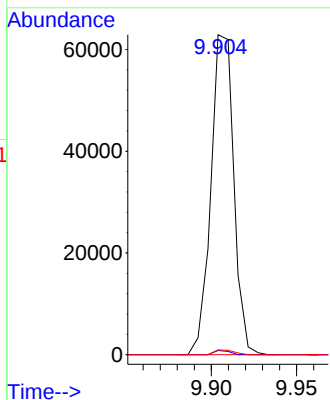
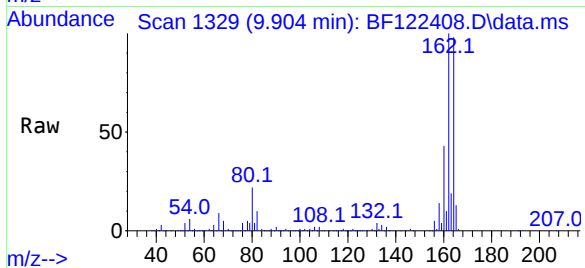




#51
2,6-Dinitrotoluene
Concen: 11.31 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF122408.D
Acq: 20 Nov 2020 17:43

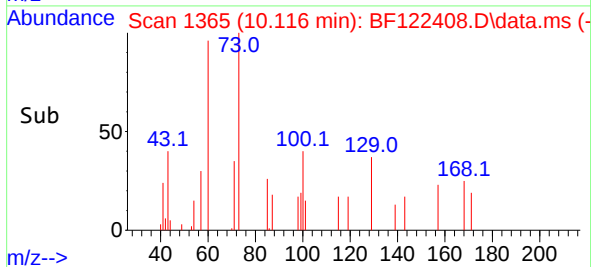
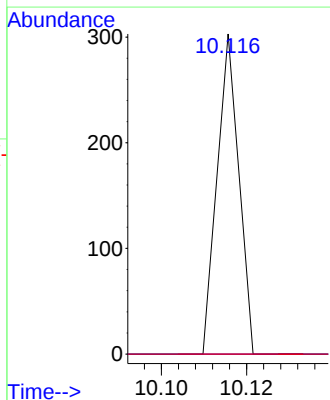
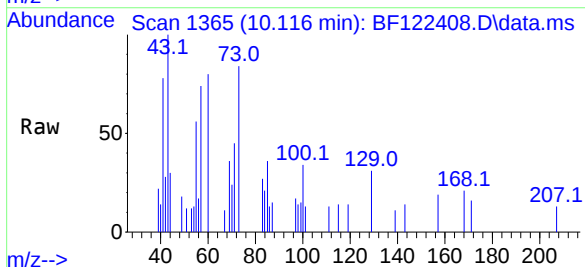
Instrument :
BNA_F
ClientSampleId :
KENS-B1-111820-0-1

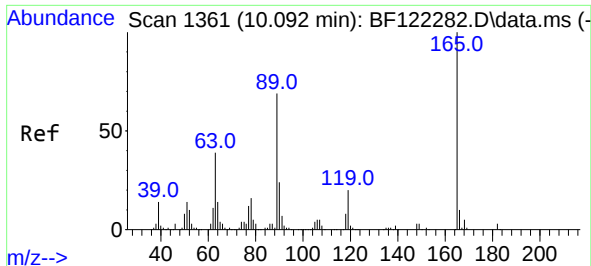
Tgt Ion:165 Resp: 58780
Ion Ratio Lower Upper
165 100
63 1.3 51.8 77.6#
89 1.5 49.0 73.6#



#56
4-Nitrophenol
Concen: 5.42 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.088 min
Lab File: BF122408.D
Acq: 20 Nov 2020 17:43

Tgt Ion:139 Resp: 107
Ion Ratio Lower Upper
139 100
109 0.0 45.4 85.4#
65 0.0 68.4 108.4#

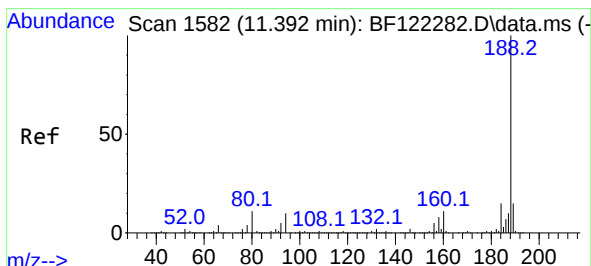
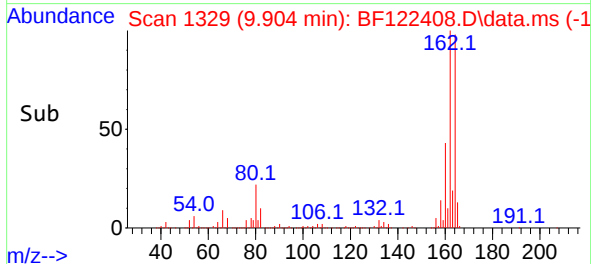
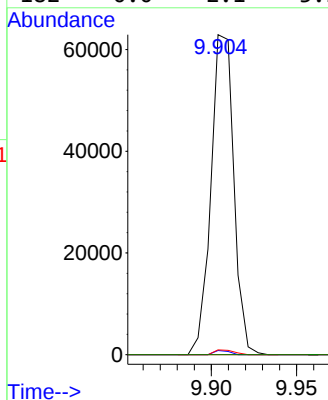
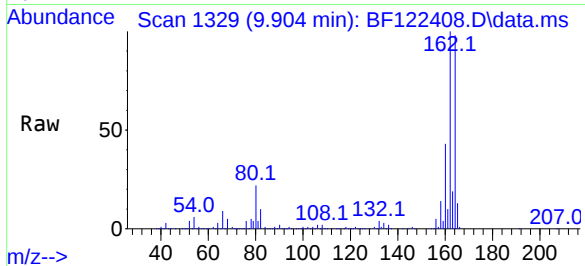




#57
2,4-Dinitrotoluene
Concen: 10.55 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF122408.D
Acq: 20 Nov 2020 17:43

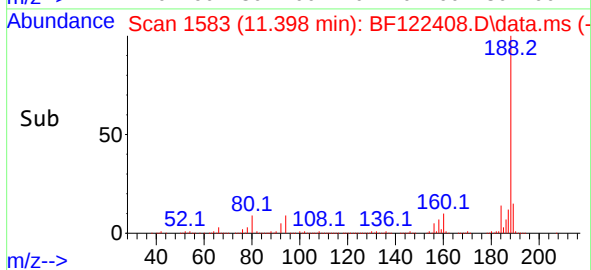
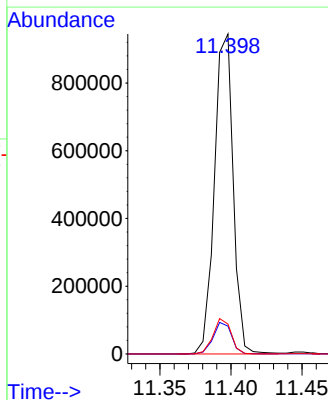
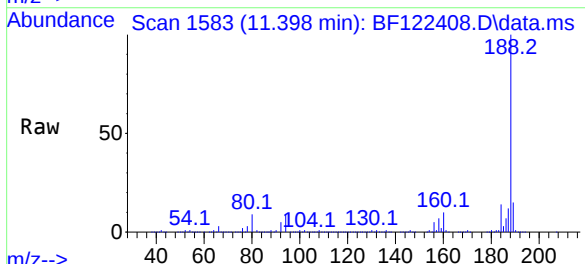
Instrument :
BNA_F
ClientSampleId :
KENS-B1-111820-0-1

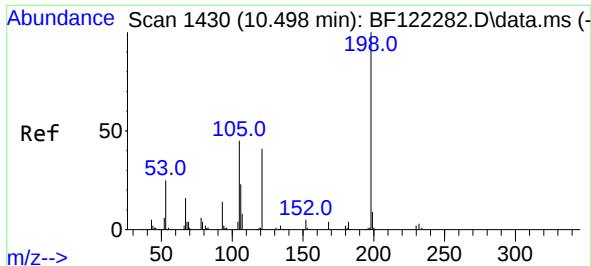
Tgt Ion:	165	Resp:	58780
Ion Ratio	Lower	Upper	
165	100		
63	1.3	41.3	61.9#
89	1.5	61.8	92.8#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF122408.D
Acq: 20 Nov 2020 17:43

Tgt Ion:	188	Resp:	868661
Ion Ratio	Lower	Upper	
188	100		
94	8.7	8.3	12.5
80	9.4	9.1	13.7

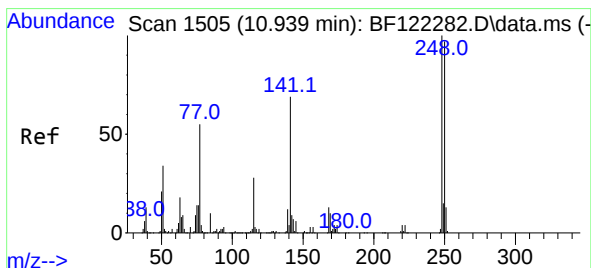
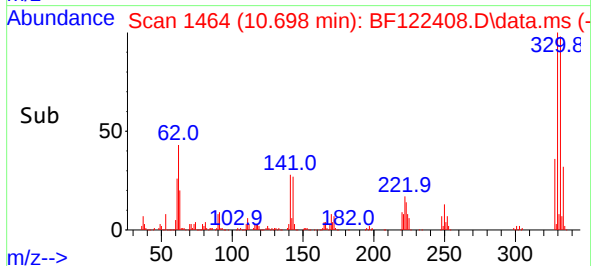
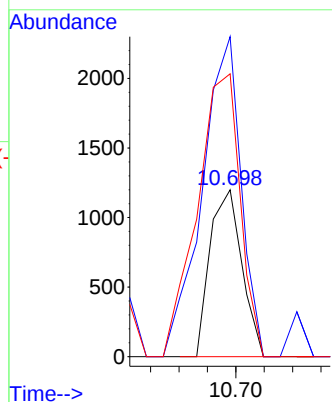
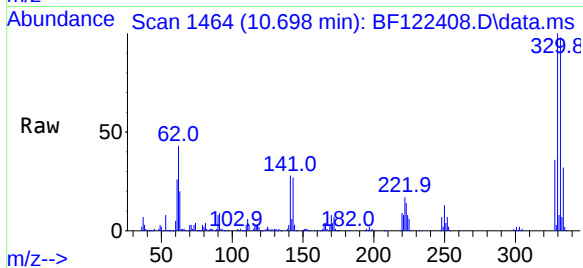




#65
4,6-Dinitro-2-methylphenol
Concen: 6.46 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.188 min
Lab File: BF122408.D
Acq: 20 Nov 2020 17:43

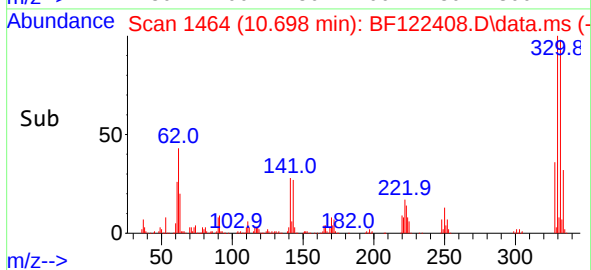
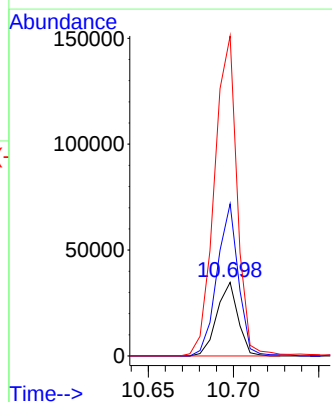
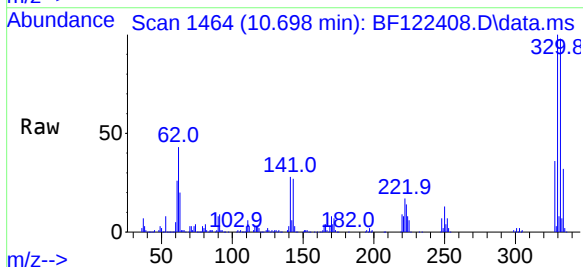
Instrument :
BNA_F
ClientSampleId :
KENS-B1-111820-0-1

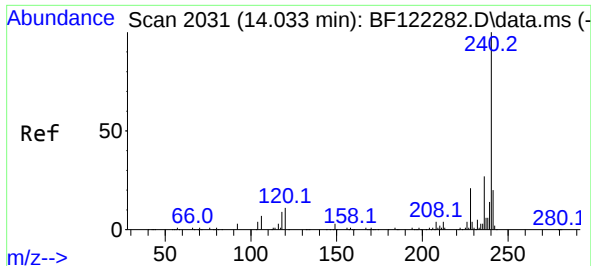
Tgt Ion:198 Resp: 930
Ion Ratio Lower Upper
198 100
51 191.7 29.6 69.6#
105 169.4 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 2.95 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF122408.D
Acq: 20 Nov 2020 17:43

Tgt Ion:248 Resp: 30112
Ion Ratio Lower Upper
248 100
250 206.5 77.0 115.6#
141 434.4 53.7 80.5#

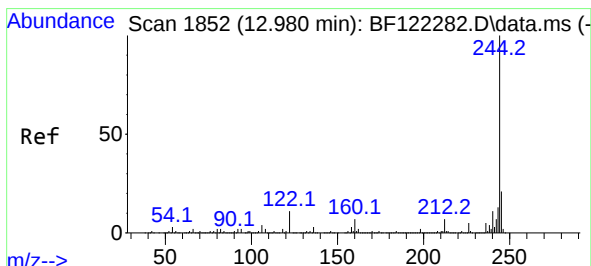
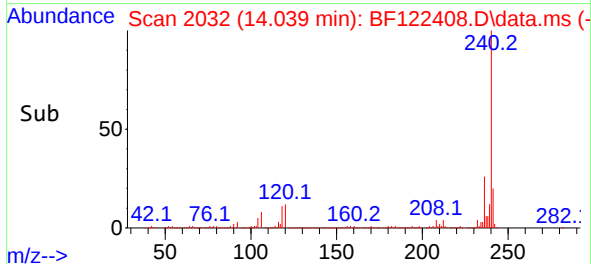
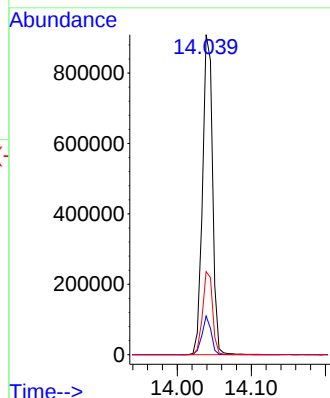
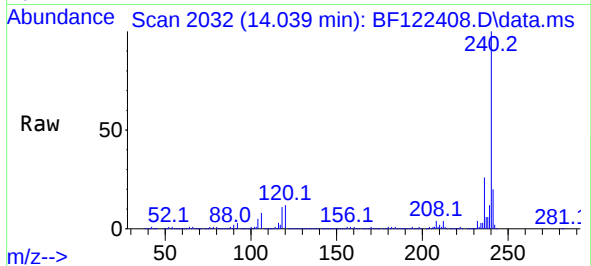




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF122408.D
Acq: 20 Nov 2020 17:43

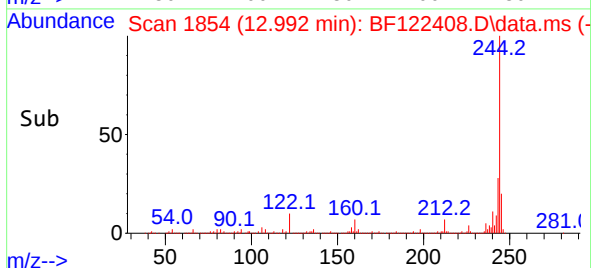
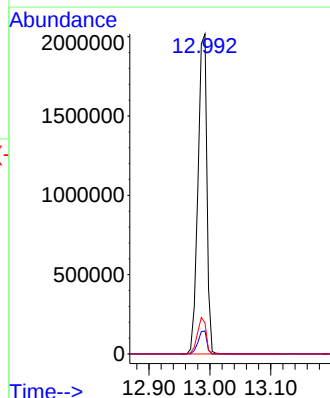
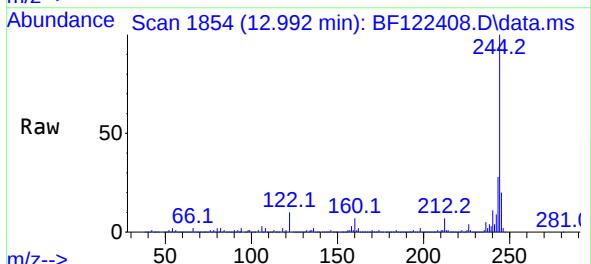
Instrument :
BNA_F
ClientSampleId :
KENS-B1-111820-0-1

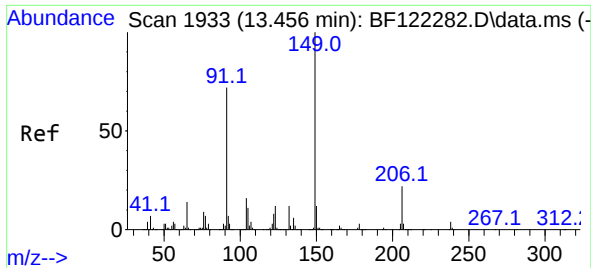
Tgt Ion:240 Resp: 857523
Ion Ratio Lower Upper
240 100
120 12.1 9.2 13.8
236 26.0 20.9 31.3



#79
Terphenyl-d14
Concen: 50.48 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF122408.D
Acq: 20 Nov 2020 17:43

Tgt Ion:244 Resp: 2043224
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 9.7 8.1 12.1

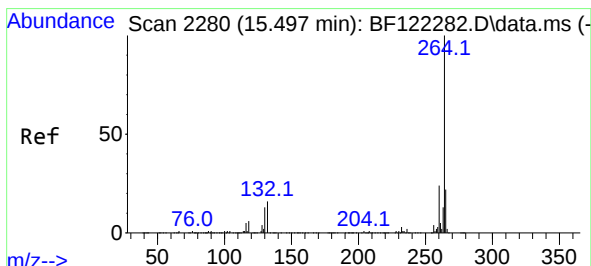
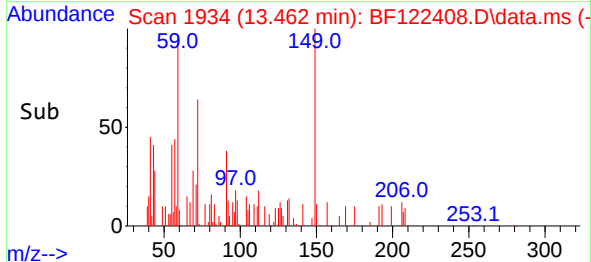
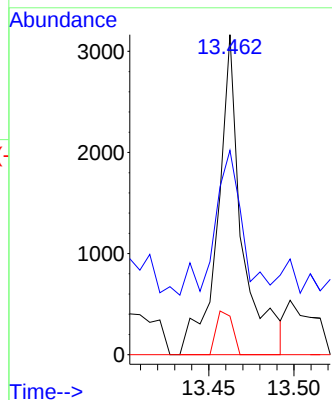
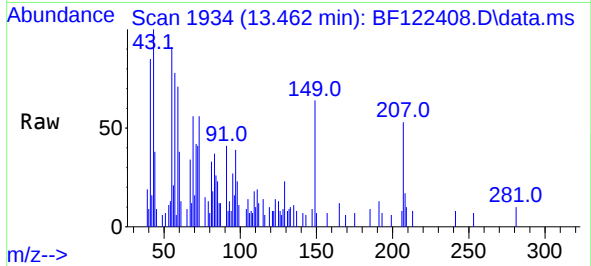




#80
Butylbenzylphthalate
Concen: 3.41 ng
RT: 13.462 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BF122408.D
Acq: 20 Nov 2020 17:43

Instrument :
BNA_F
ClientSampleId :
KENS-B1-111820-0-1

Tgt Ion:149 Resp: 3134
Ion Ratio Lower Upper
149 100
91 63.9 61.0 91.4
206 12.0 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: BF122408.D
Acq: 20 Nov 2020 17:43

Tgt Ion:264 Resp: 856999
Ion Ratio Lower Upper
264 100
260 23.6 18.7 28.1
265 21.7 17.3 25.9

