

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112120\
 Data File : BF122428.D
 Acq On : 21 Nov 2020 19:11
 Operator : JU/CG
 Sample : L4838-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KENS-B2-111920-0-2

Quant Time: Nov 23 01:00:40 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)

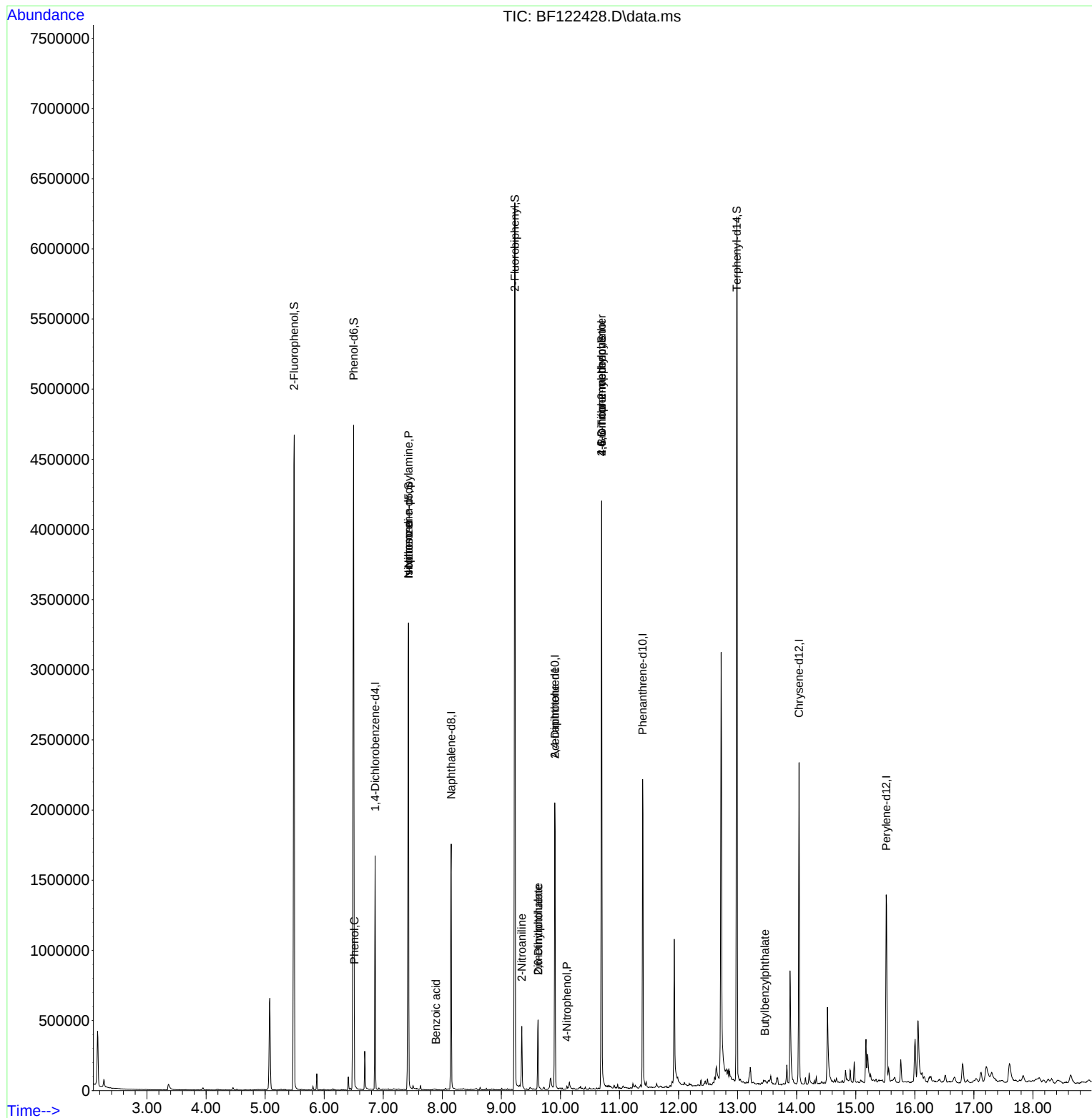
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	220218	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	799068	20.00	ng	# 0.00
39) Acenaphthene-d10	9.904	164	430957	20.00	ng	-0.01
64) Phenanthrene-d10	11.392	188	834602	20.00	ng	-0.01
76) Chrysene-d12	14.039	240	747736	20.00	ng	-0.01
86) Perylene-d12	15.515	264	660603	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	1454304	101.40	ng	0.00
7) Phenol-d6	6.498	99	1848463	98.52	ng	-0.01
23) Nitrobenzene-d5	7.428	82	1174865	90.01	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	546978	118.26	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	2003568	72.64	ng	0.00
79) Terphenyl-d14	12.986	244	2200990	62.36	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.510	94	133080	7.20	ng	# 75
19) n-Nitroso-di-n-propyla...	7.428	70	156810	13.99	ng	# 74
25) Isophorone	7.428	82	1161479	39.92	ng	# 67
32) Benzoic acid	7.892	122	253	7.99	ng	# 82
48) 2-Nitroaniline	9.345	65	5389	5.76	ng	# 13
50) Dimethylphthalate	9.621	163	211297	6.90	ng	99
51) 2,6-Dinitrotoluene	9.621	165	2321	4.13	ng	# 18
56) 4-Nitrophenol	10.110	139	122	5.42	ng	# 10
57) 2,4-Dinitrotoluene	9.904	165	55408	10.53	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.698	198	1290	6.60	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	34987	3.57	ng	# 1
80) Butylbenzylphthalate	13.462	149	2149	3.38	ng	# 91

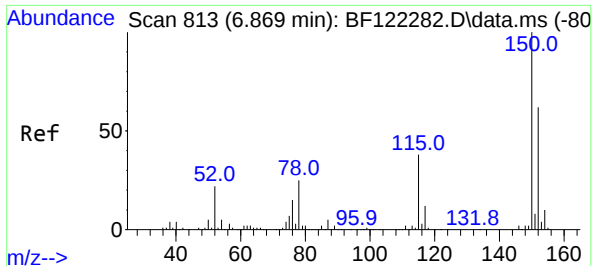
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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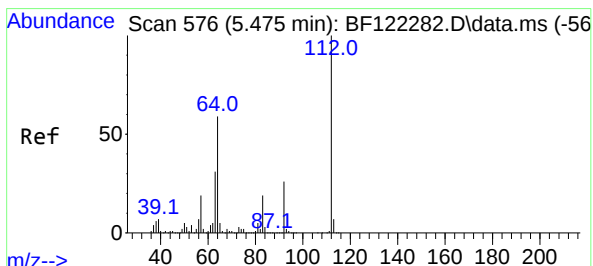
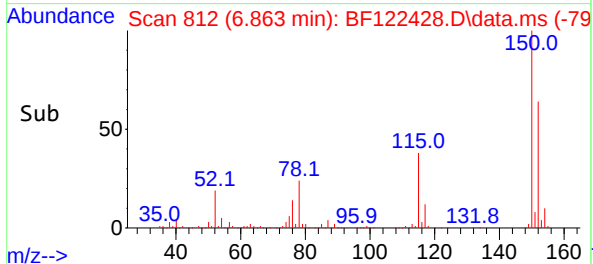
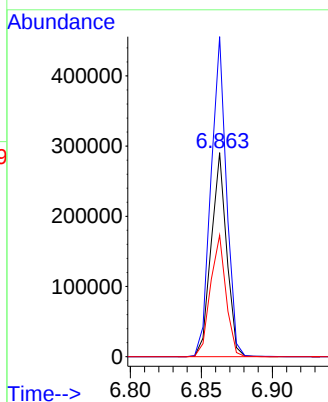
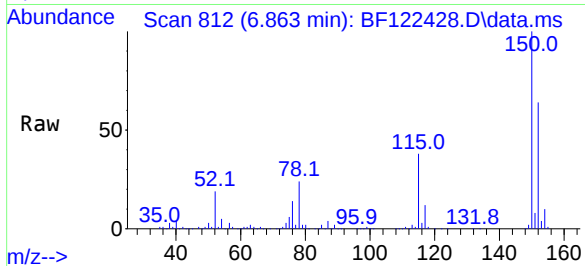




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122428.D
Acq: 21 Nov 2020 19:11

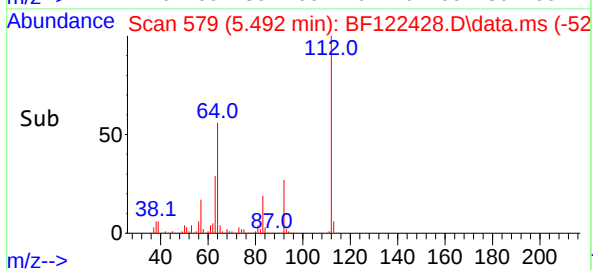
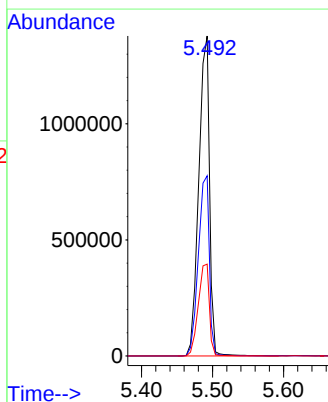
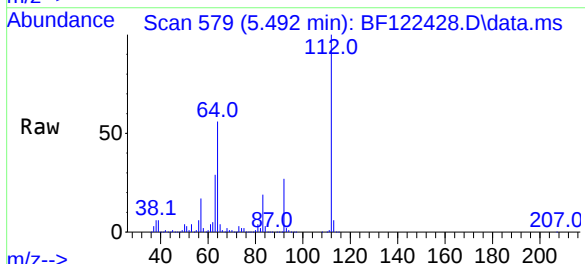
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BNA_F
ClientSampleId :
KENS-B2-111920-0-2

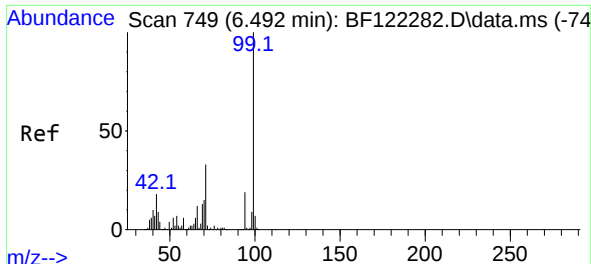
Tgt Ion:152 Resp: 220218
Ion Ratio Lower Upper
152 100
150 156.8 125.3 187.9
115 59.5 51.9 77.9



#5
2-Fluorophenol
Concen: 101.40 ng
RT: 5.492 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF122428.D
Acq: 21 Nov 2020 19:11

Tgt Ion:112 Resp: 1454304
Ion Ratio Lower Upper
112 100
64 56.3 50.4 75.6
63 28.7 25.8 38.6



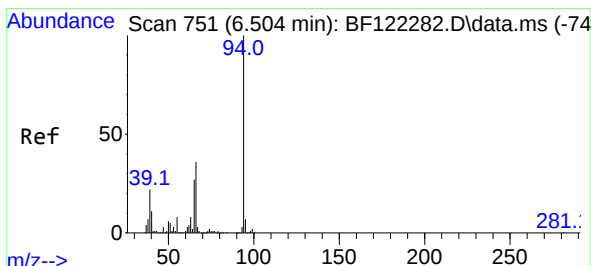
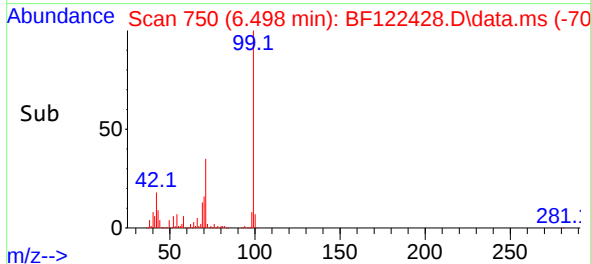
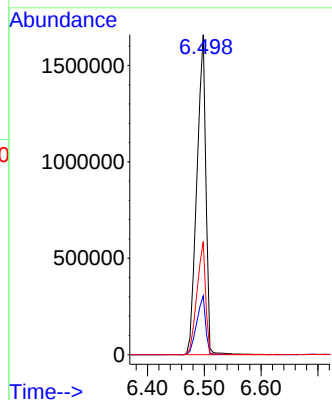
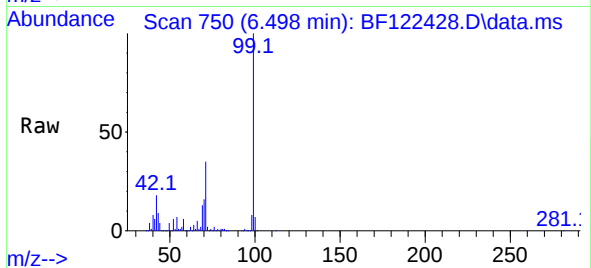


#7
Phenol-d6
Concen: 98.52 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF122428.D
Acq: 21 Nov 2020 19:11

Instrument :
BNA_F
ClientSampleId :
KENS-B2-111920-0-2

Tgt Ion: 99 Resp: 1848463

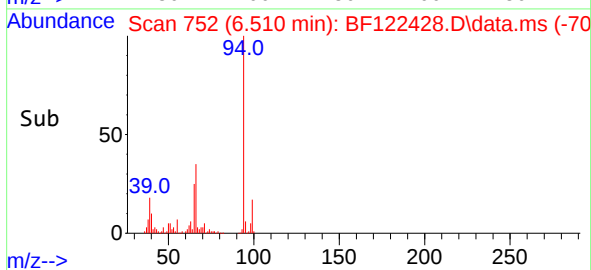
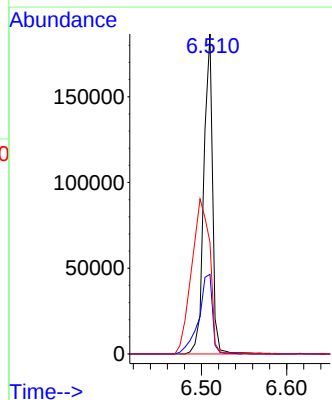
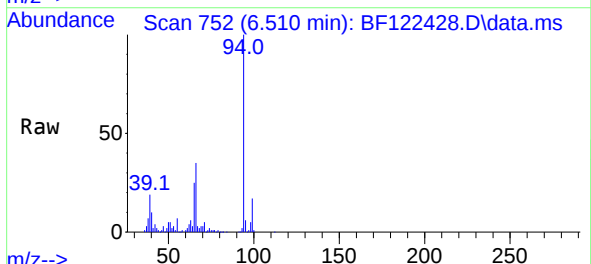
Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.9	23.9
71	35.3	27.1	40.7

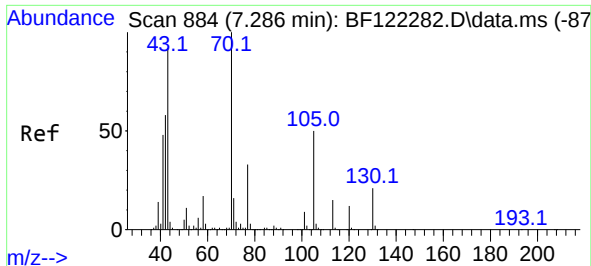


#10
Phenol
Concen: 7.20 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF122428.D
Acq: 21 Nov 2020 19:11

Tgt Ion: 94 Resp: 133080

Ion	Ratio	Lower	Upper
94	100		
65	24.9	17.1	57.1
66	35.0	36.0	76.0

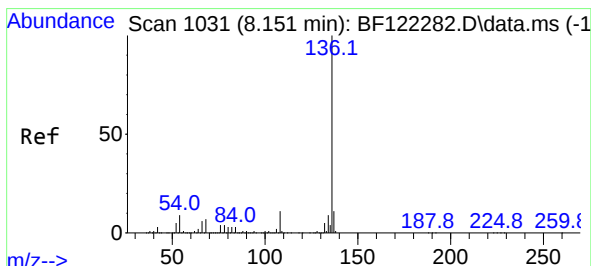
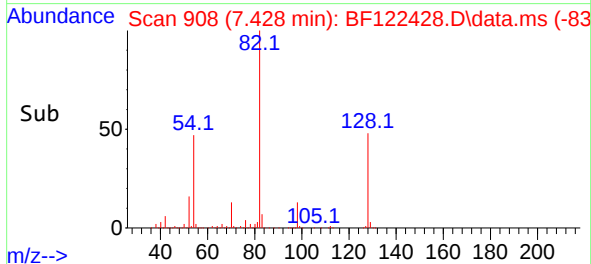
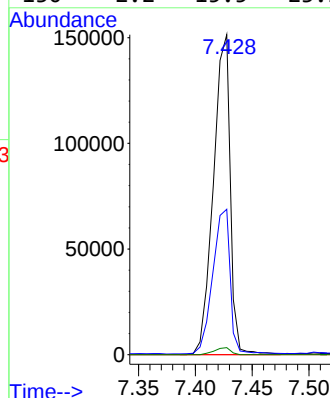
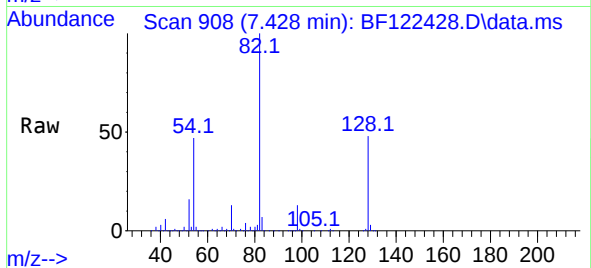




#19
n-Nitroso-di-n-propylamine
Concen: 13.99 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF122428.D
Acq: 21 Nov 2020 19:11

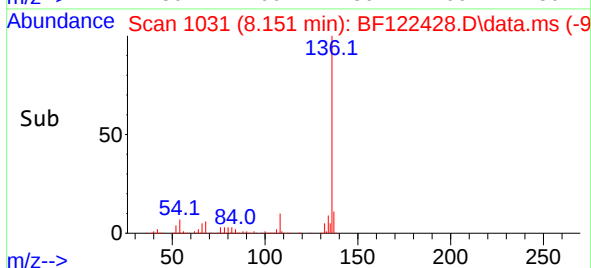
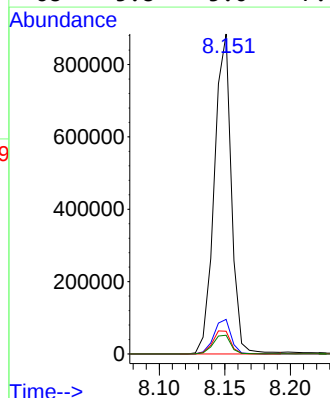
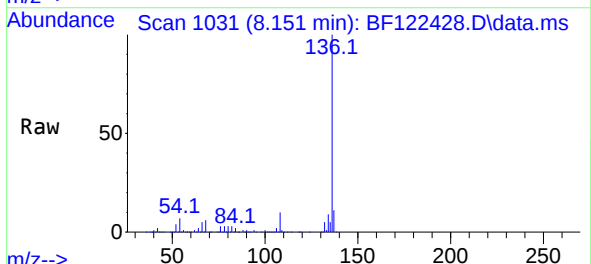
Instrument :
BNA_F
ClientSampleId :
KENS-B2-111920-0-2

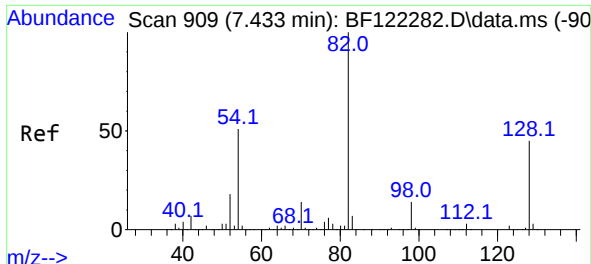
Tgt Ion: 70 Resp: 156810
Ion Ratio Lower Upper
70 100
42 45.5 50.2 75.4#
101 0.0 7.5 11.3#
130 2.2 15.5 23.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF122428.D
Acq: 21 Nov 2020 19:11

Tgt Ion: 136 Resp: 799068
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.1 7.1 10.7#
68 5.8 5.0 7.4

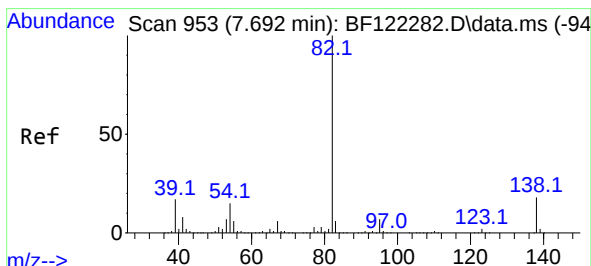
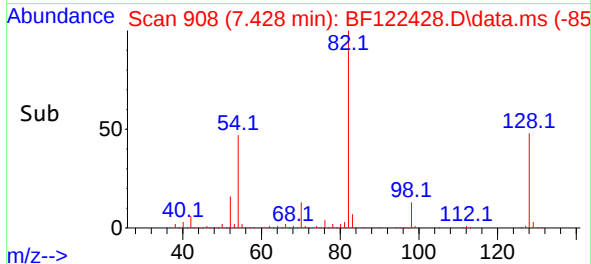
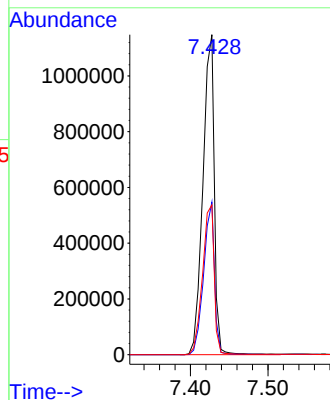
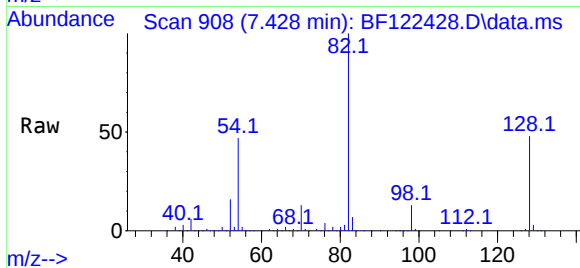




#23
Nitrobenzene-d5
Concen: 90.01 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF122428.D
Acq: 21 Nov 2020 19:11

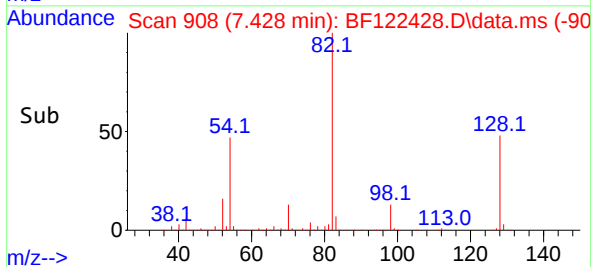
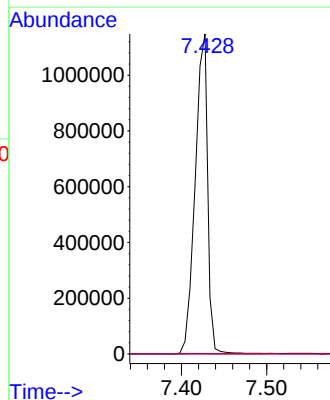
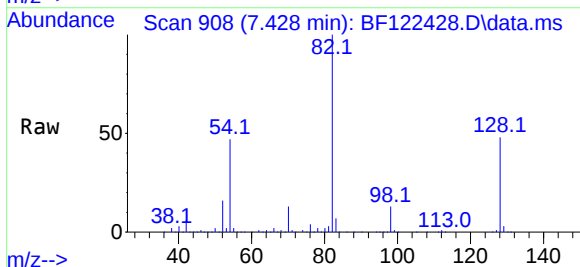
Instrument :
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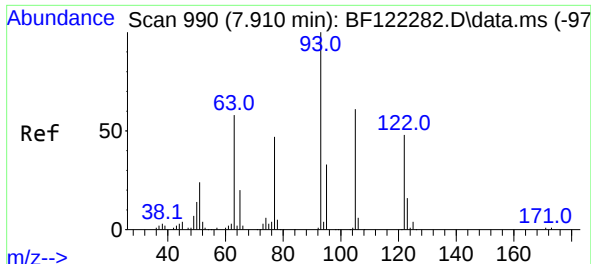
Tgt Ion: 82 Resp: 1174865
Ion Ratio Lower Upper
82 100
128 47.6 35.0 52.4
54 46.8 43.9 65.9



#25
Isophorone
Concen: 39.92 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.265 min
Lab File: BF122428.D
Acq: 21 Nov 2020 19:11

Tgt Ion: 82 Resp: 1161479
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#

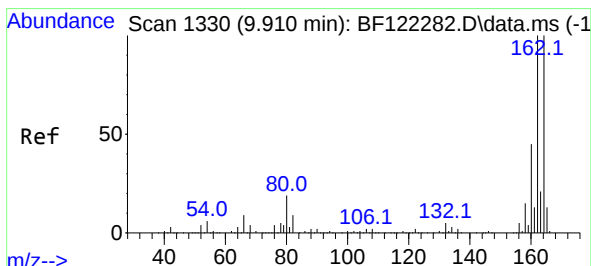
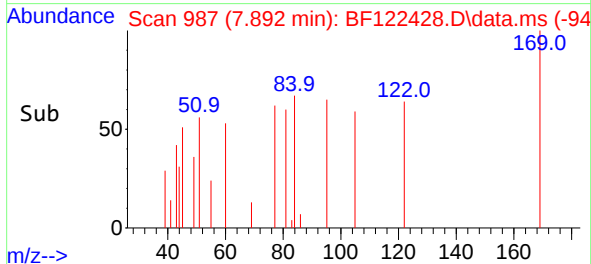
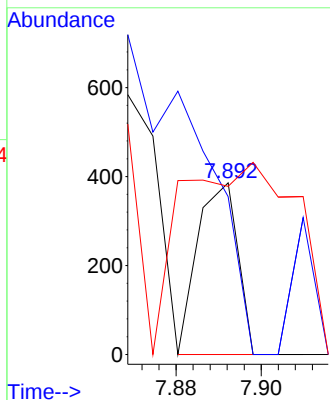
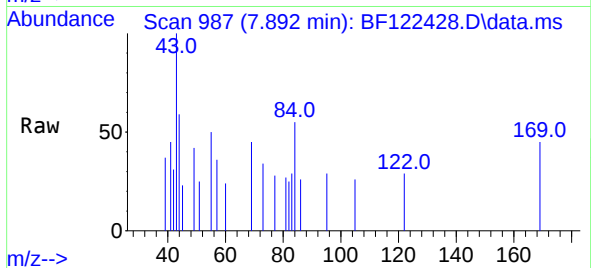




#32
Benzoic acid
Concen: 7.99 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.047 min
Lab File: BF122428.D
Acq: 21 Nov 2020 19:11

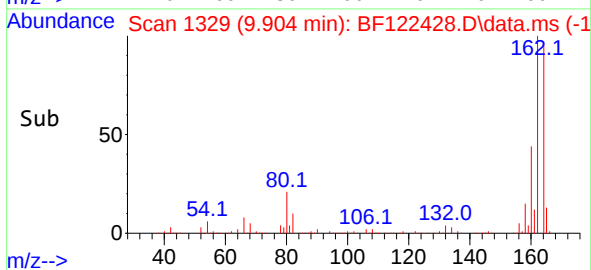
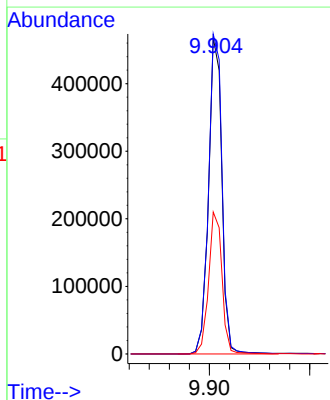
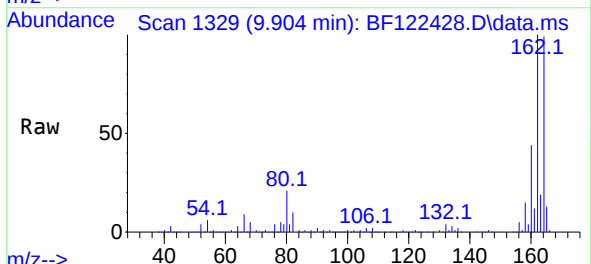
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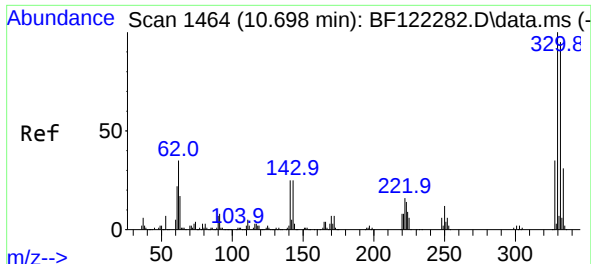
Tgt Ion:122 Resp: 253
Ion Ratio Lower Upper
122 100
105 92.0 103.3 143.3#
77 97.9 73.9 113.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF122428.D
Acq: 21 Nov 2020 19:11

Tgt Ion:164 Resp: 430957
Ion Ratio Lower Upper
164 100
162 101.2 83.2 124.8
160 44.9 37.5 56.3

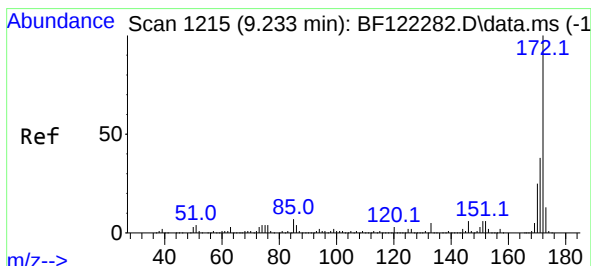
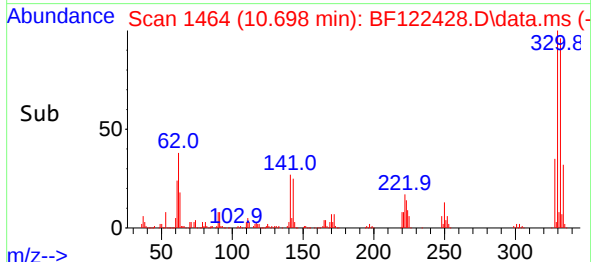
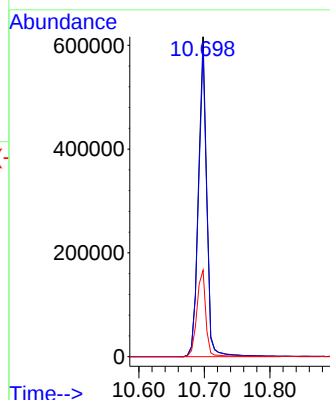
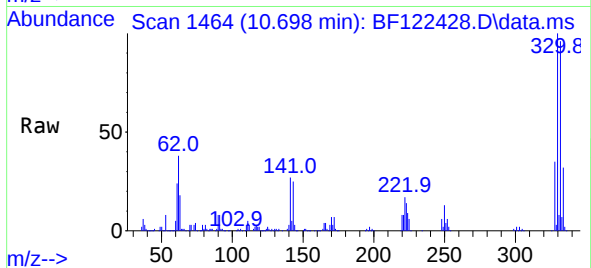




#42
2,4,6-Tribromophenol
Concen: 118.26 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF122428.D
Acq: 21 Nov 2020 19:11

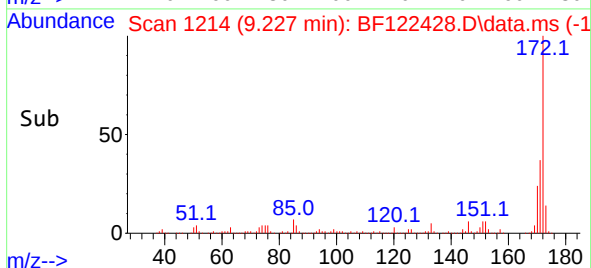
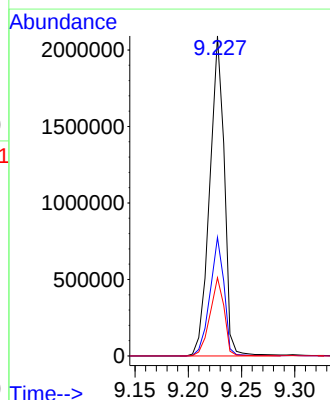
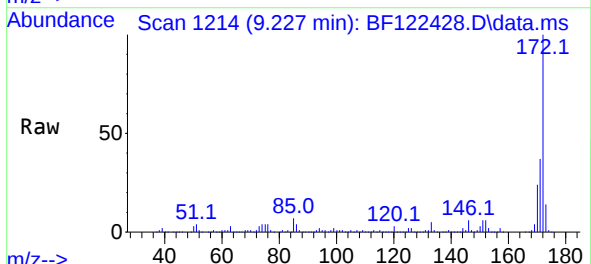
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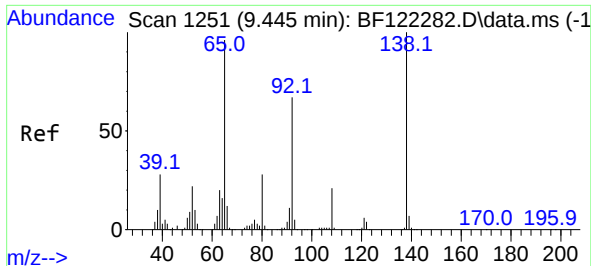
Tgt Ion:330 Resp: 546978
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 29.2 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 72.64 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122428.D
Acq: 21 Nov 2020 19:11

Tgt Ion:172 Resp: 2003568
Ion Ratio Lower Upper
172 100
171 37.1 29.1 43.7
170 24.4 19.8 29.6

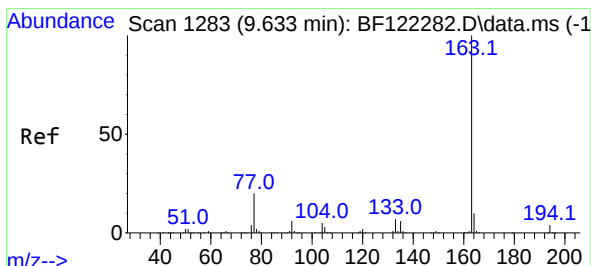
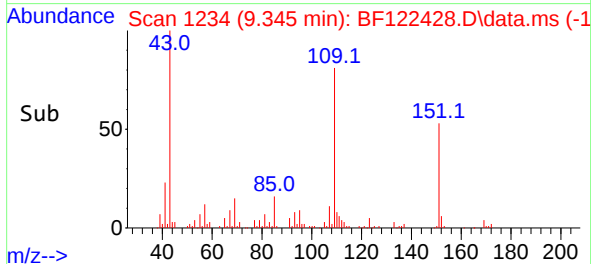
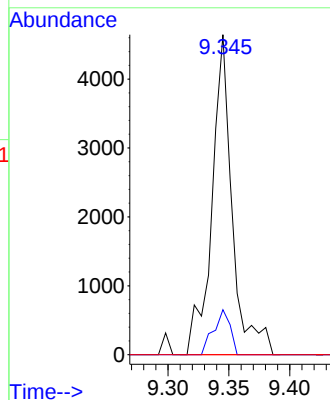
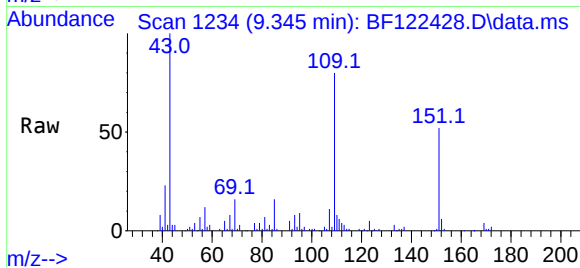




#48
2-Nitroaniline
Concen: 5.76 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.112 min
Lab File: BF122428.D
Acq: 21 Nov 2020 19:11

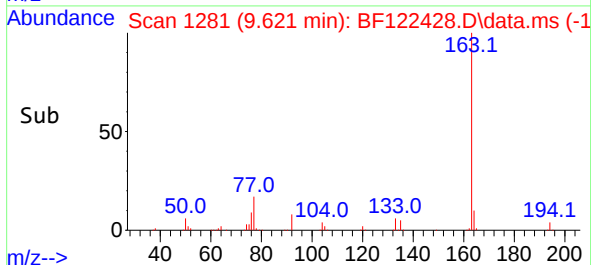
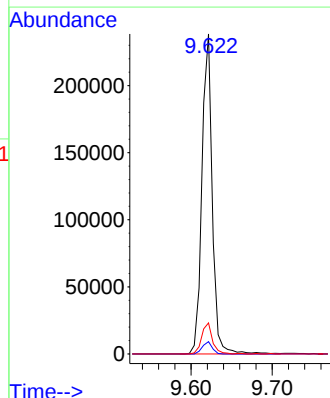
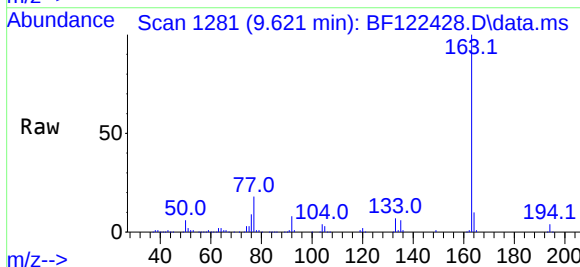
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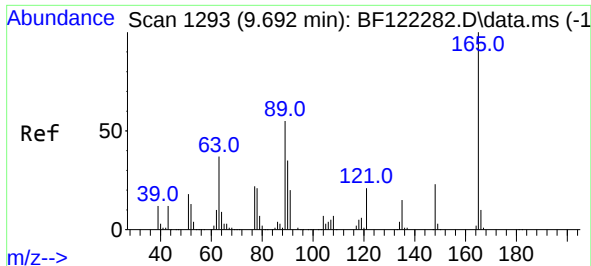
Tgt Ion: 65 Resp: 5389
Ion Ratio Lower Upper
65 100
92 14.1 55.1 82.7#
138 0.0 80.5 120.7#



#50
Dimethylphthalate
Concen: 6.90 ng
RT: 9.621 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BF122428.D
Acq: 21 Nov 2020 19:11

Tgt Ion: 163 Resp: 211297
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.7 8.2 12.4

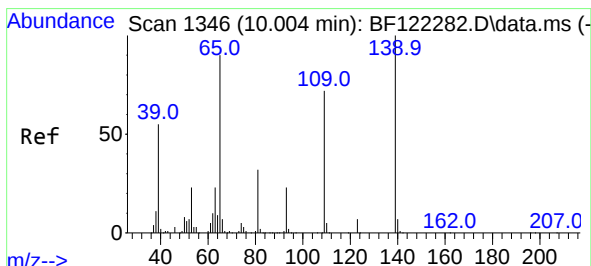
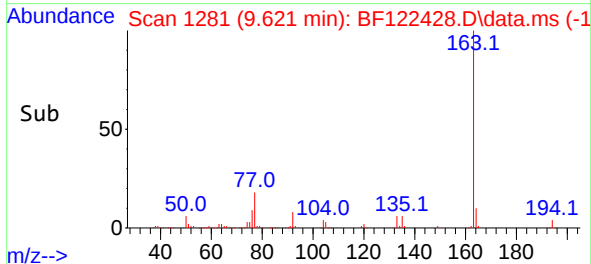
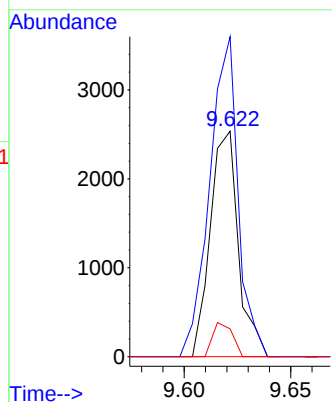
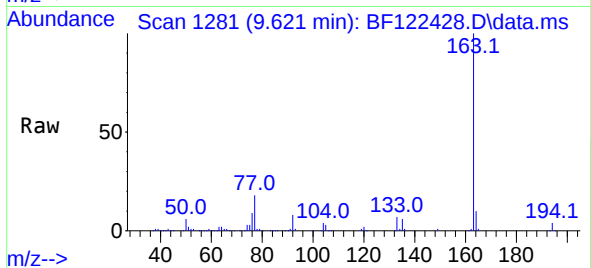




#51
2,6-Dinitrotoluene
Concen: 4.13 ng
RT: 9.621 min Scan# 1281
Delta R.T. -0.077 min
Lab File: BF122428.D
Acq: 21 Nov 2020 19:11

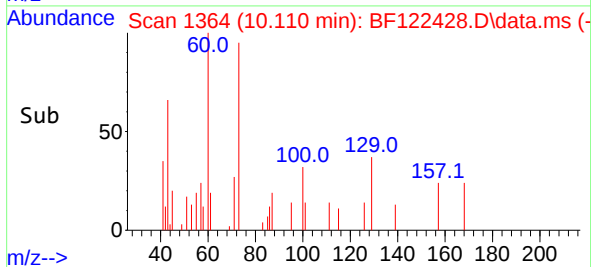
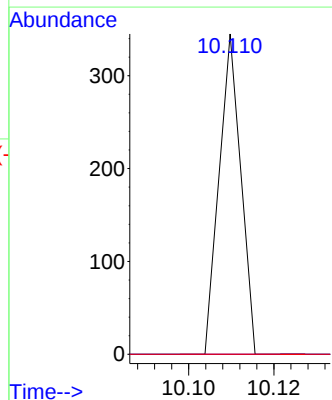
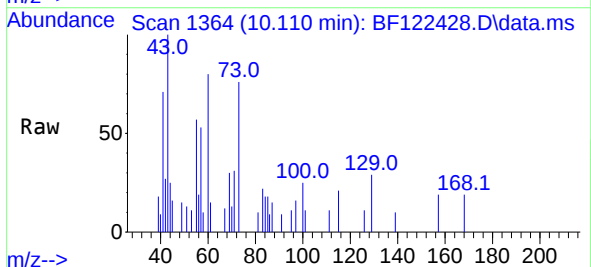
Instrument :
BNA_F
ClientSampleId :
KENS-B2-111920-0-2

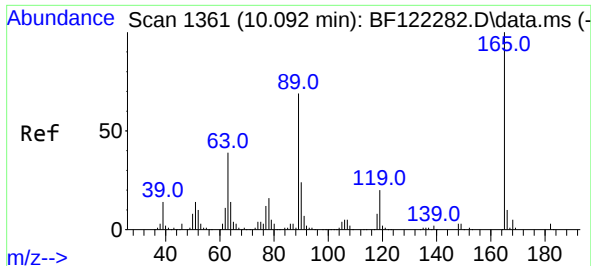
Tgt Ion:165 Resp: 2321
Ion Ratio Lower Upper
165 100
63 142.0 51.8 77.6#
89 12.4 49.0 73.6#



#56
4-Nitrophenol
Concen: 5.42 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.082 min
Lab File: BF122428.D
Acq: 21 Nov 2020 19:11

Tgt Ion:139 Resp: 122
Ion Ratio Lower Upper
139 100
109 0.0 45.4 85.4#
65 0.0 68.4 108.4#

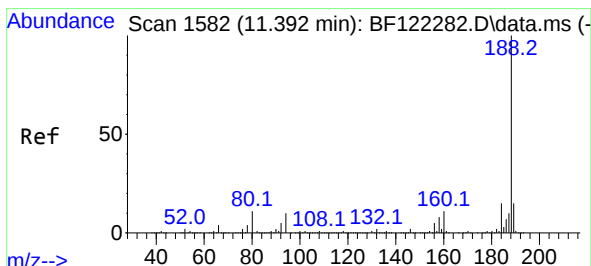
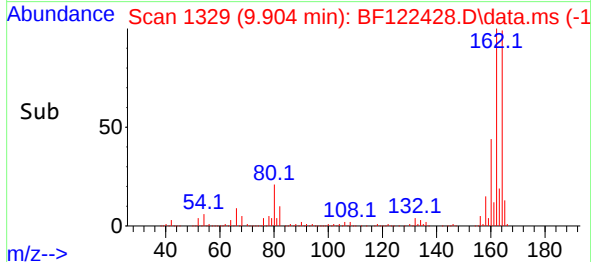
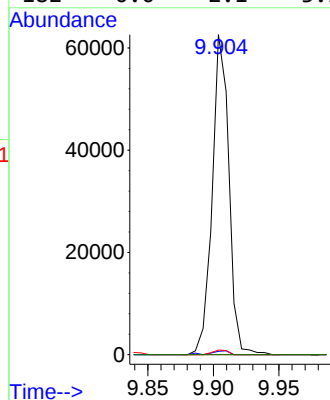
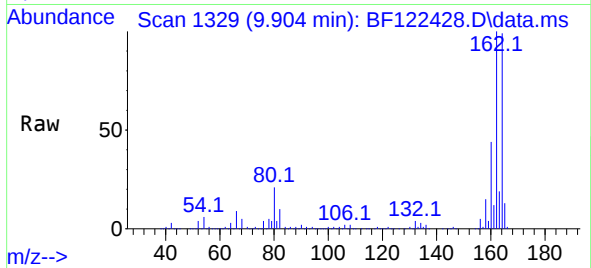




#57
2,4-Dinitrotoluene
Concen: 10.53 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF122428.D
Acq: 21 Nov 2020 19:11

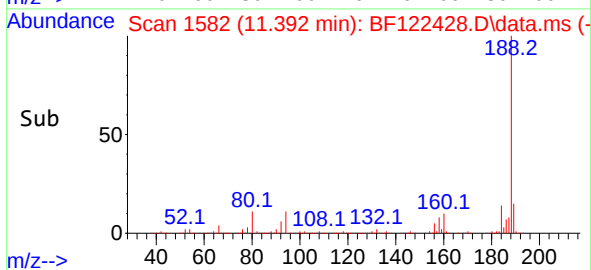
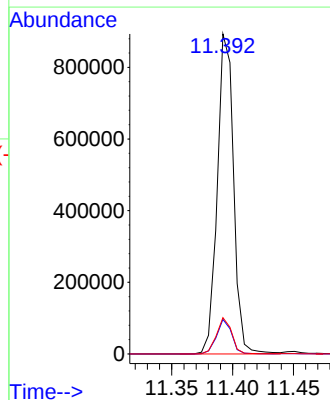
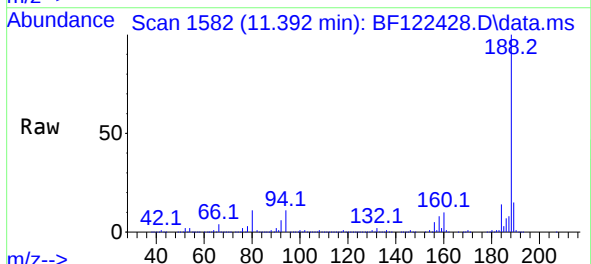
Instrument :
BNA_F
ClientSampleId :
KENS-B2-111920-0-2

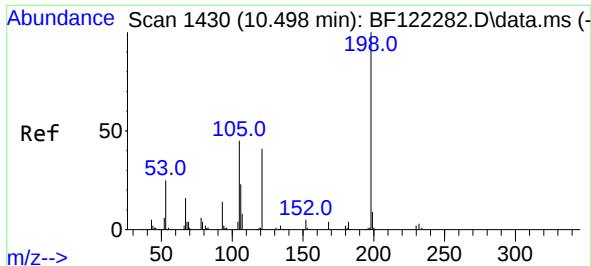
Tgt Ion:165	Resp:	55408
Ion Ratio	Lower	Upper
165	100	
63	1.1	41.3 61.9#
89	1.4	61.8 92.8#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF122428.D
Acq: 21 Nov 2020 19:11

Tgt Ion:188	Resp:	834602
Ion Ratio	Lower	Upper
188	100	
94	10.8	8.3 12.5
80	11.4	9.1 13.7

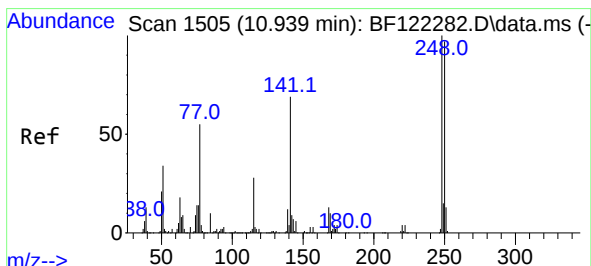
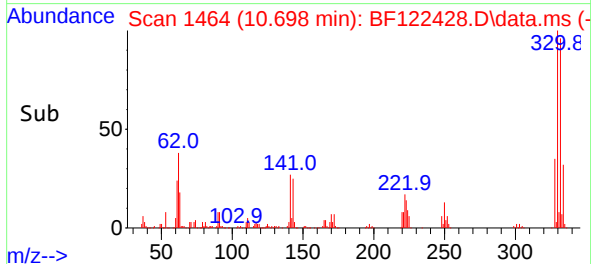
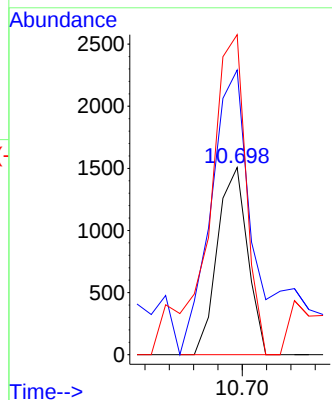
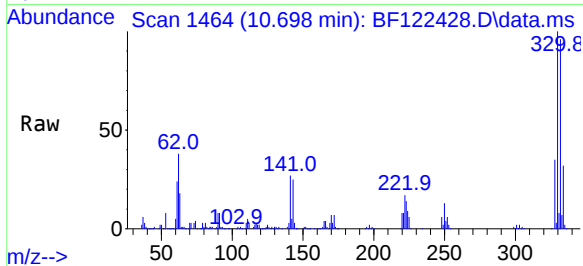




#65
4,6-Dinitro-2-methylphenol
Concen: 6.60 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.188 min
Lab File: BF122428.D
Acq: 21 Nov 2020 19:11

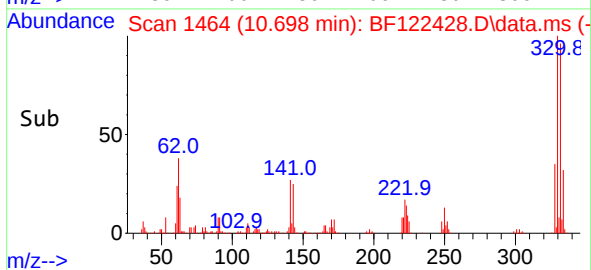
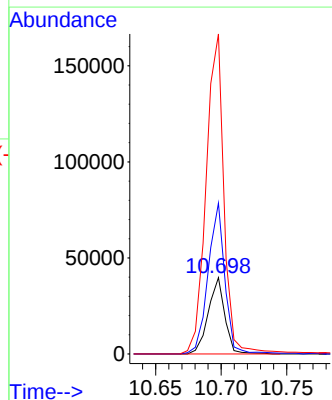
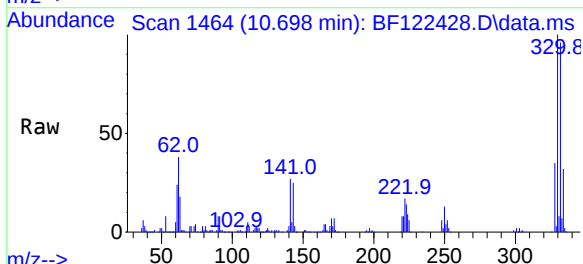
Instrument :
BNA_F
ClientSampleId :
KENS-B2-111920-0-2

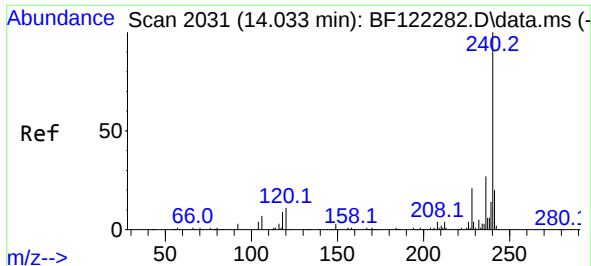
Tgt Ion:198	Resp:	1290
Ion Ratio	Lower	Upper
198	100	
51	152.0	29.6 69.6#
105	170.9	24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 3.57 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF122428.D
Acq: 21 Nov 2020 19:11

Tgt Ion:248	Resp:	34987
Ion Ratio	Lower	Upper
248	100	
250	197.7	77.0 115.6#
141	419.2	53.7 80.5#

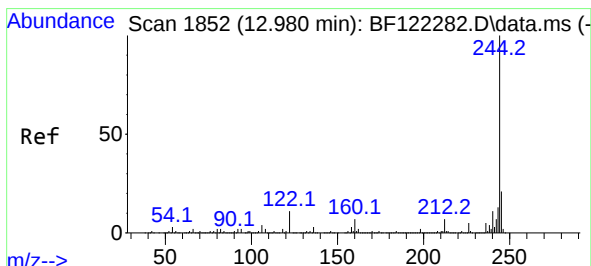
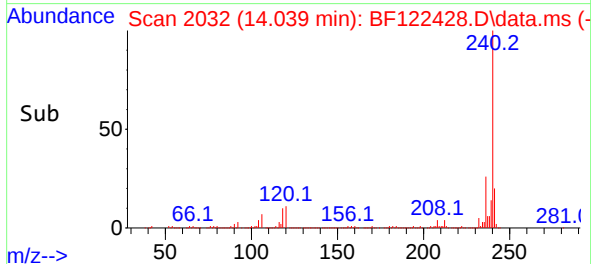
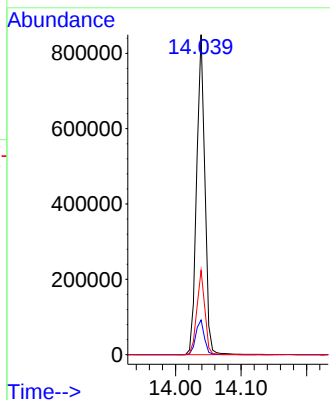
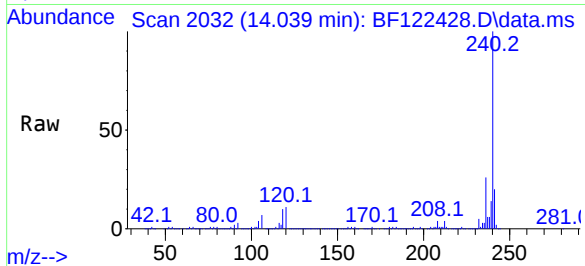




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF122428.D
Acq: 21 Nov 2020 19:11

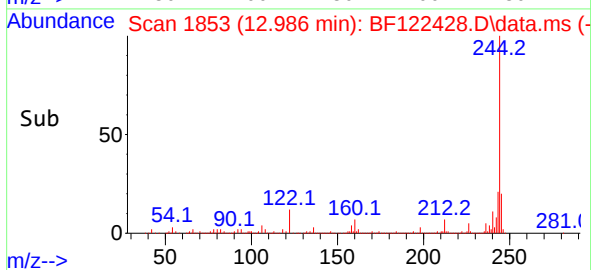
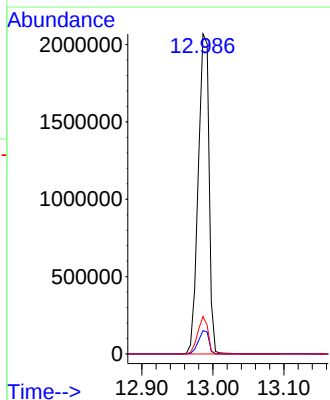
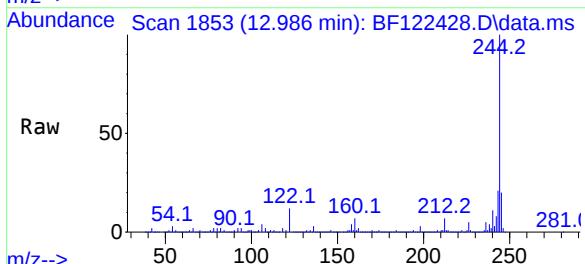
Instrument :
BNA_F
ClientSampleId :
KENS-B2-111920-0-2

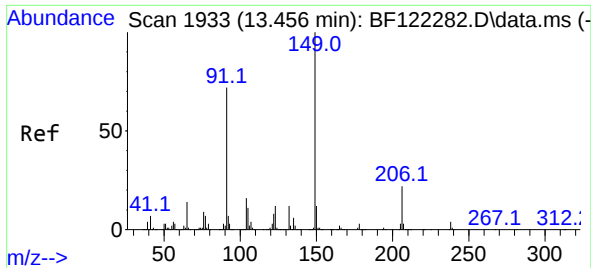
Tgt Ion:240 Resp: 747736
Ion Ratio Lower Upper
240 100
120 10.9 9.2 13.8
236 26.4 20.9 31.3



#79
Terphenyl-d14
Concen: 62.36 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF122428.D
Acq: 21 Nov 2020 19:11

Tgt Ion:244 Resp: 2200990
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.2
122 11.7 8.1 12.1

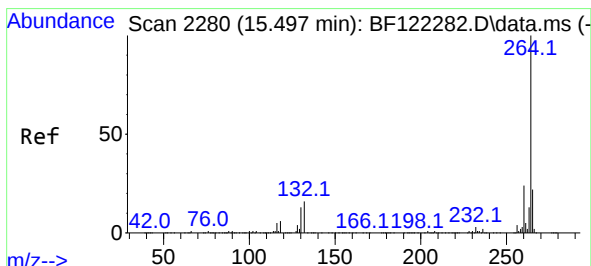
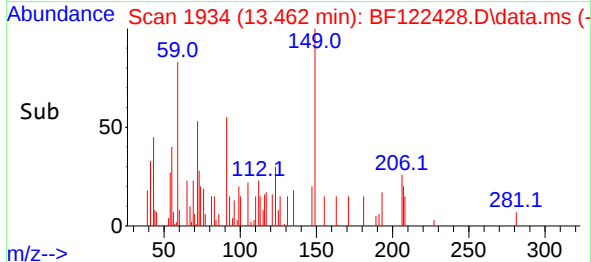
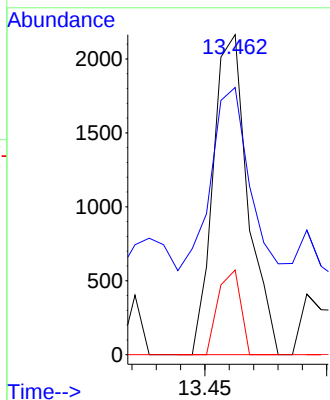
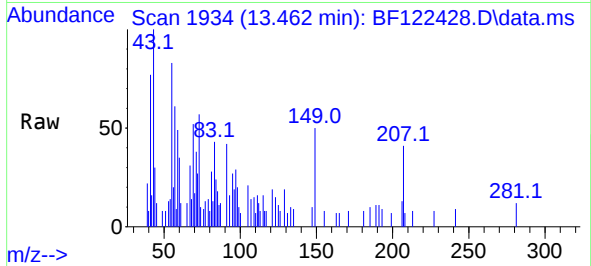




#80
Butylbenzylphthalate
Concen: 3.38 ng
RT: 13.462 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BF122428.D
Acq: 21 Nov 2020 19:11

Instrument :
BNA_F
ClientSampleId :
KENS-B2-111920-0-2

Tgt Ion:	149	Resp:	2149
Ion	Ratio	Lower	Upper
149	100		
91	83.5	61.0	91.4
206	26.4	16.7	25.1#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.515 min Scan# 2283
Delta R.T. -0.018 min
Lab File: BF122428.D
Acq: 21 Nov 2020 19:11

Tgt Ion:	264	Resp:	660603
Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	22.4	17.3	25.9

