

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112120\
 Data File : BF122429.D
 Acq On : 21 Nov 2020 19:41
 Operator : JU/CG
 Sample : L4838-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KENS-B2-111920-6-8

Quant Time: Nov 23 01:00:49 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)

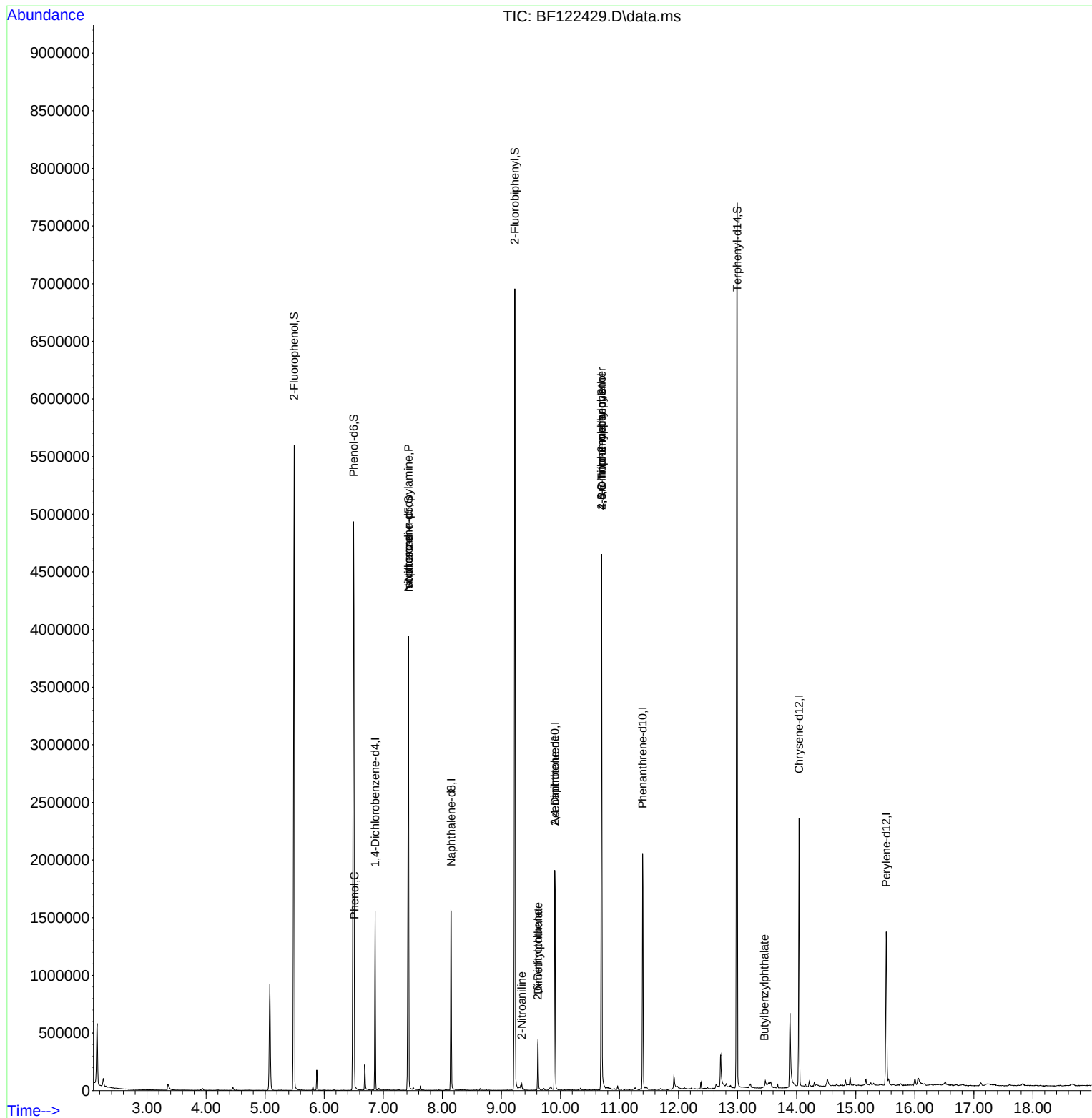
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	208600	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	773269	20.00	ng	# 0.00
39) Acenaphthene-d10	9.904	164	410713	20.00	ng	-0.01
64) Phenanthrene-d10	11.392	188	770931	20.00	ng	-0.01
76) Chrysene-d12	14.039	240	757464	20.00	ng	-0.01
86) Perylene-d12	15.515	264	661634	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	1677842	123.51	ng	0.00
7) Phenol-d6	6.498	99	2142524	120.56	ng	-0.01
23) Nitrobenzene-d5	7.428	82	1345819	106.55	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	608270	137.99	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	2311618	87.94	ng	0.00
79) Terphenyl-d14	12.992	244	2715928	75.96	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.410	77	166	Below Cal	#	3
10) Phenol	6.510	94	172918	9.88	ng	78
19) n-Nitroso-di-n-propyla...	7.428	70	183120	17.24	ng	# 76
25) Isophorone	7.428	82	1333918	47.37	ng	# 67
48) 2-Nitroaniline	9.345	65	871	5.27	ng	# 6
50) Dimethylphthalate	9.622	163	198259	6.79	ng	99
51) 2,6-Dinitrotoluene	9.616	165	2056	4.11	ng	# 27
57) 2,4-Dinitrotoluene	9.904	165	53455	10.61	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.698	198	1382	6.67	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	38761	4.28	ng	# 1
80) Butylbenzylphthalate	13.457	149	636	3.32	ng	# 89

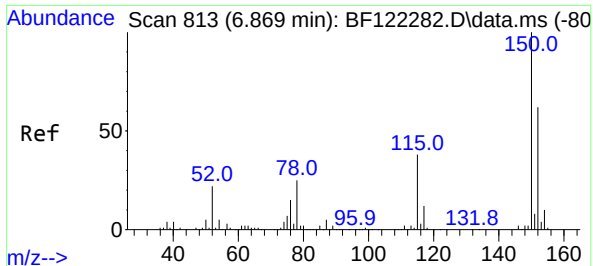
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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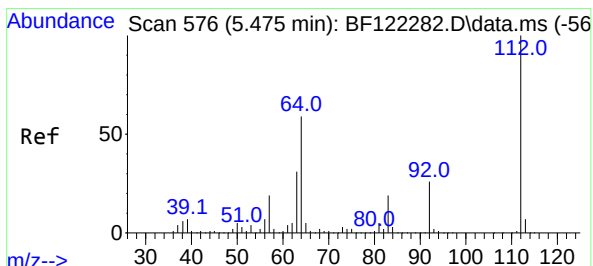
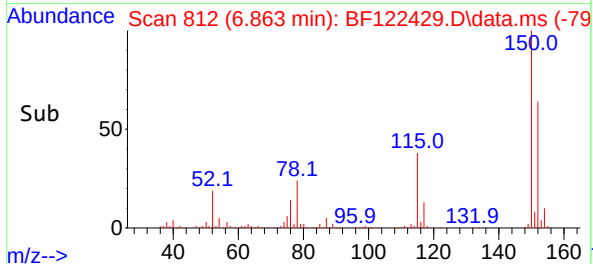
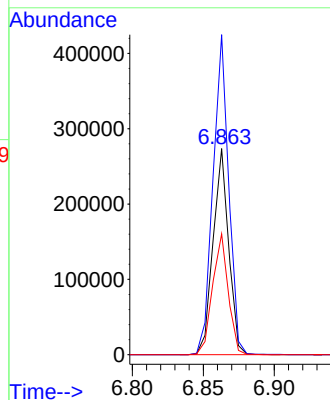
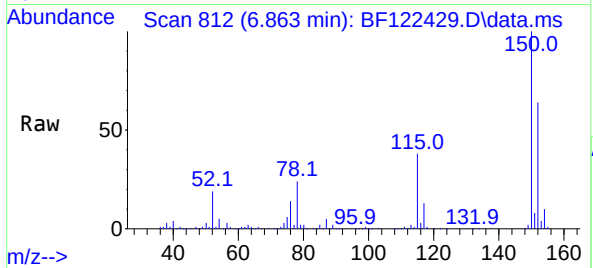




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122429.D
Acq: 21 Nov 2020 19:41

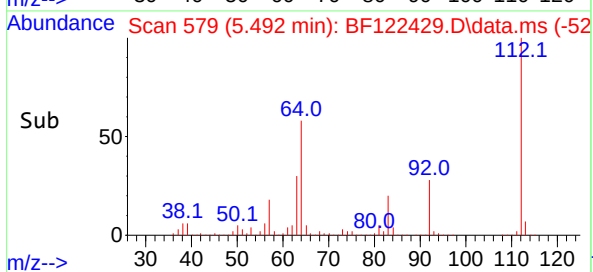
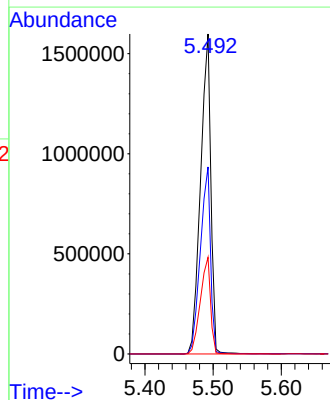
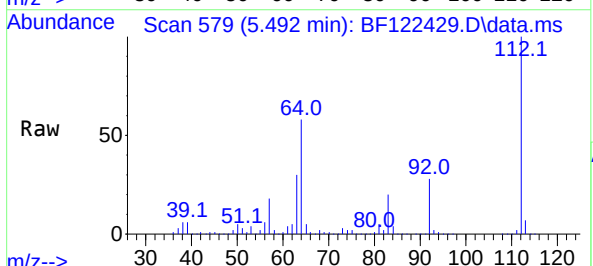
Instrument :
BNA_F
ClientSampleId :
KENS-B2-111920-6-8

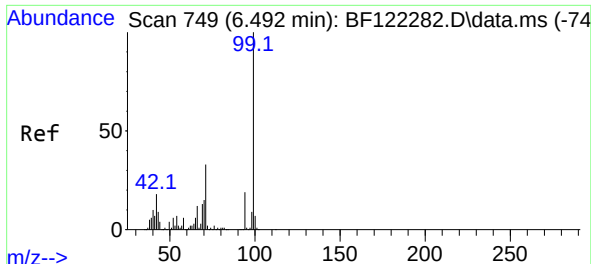
Tgt Ion:152 Resp: 208600
Ion Ratio Lower Upper
152 100
150 155.2 125.3 187.9
115 58.6 51.9 77.9



#5
2-Fluorophenol
Concen: 123.51 ng
RT: 5.492 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF122429.D
Acq: 21 Nov 2020 19:41

Tgt Ion:112 Resp: 1677842
Ion Ratio Lower Upper
112 100
64 58.4 50.4 75.6
63 30.2 25.8 38.6



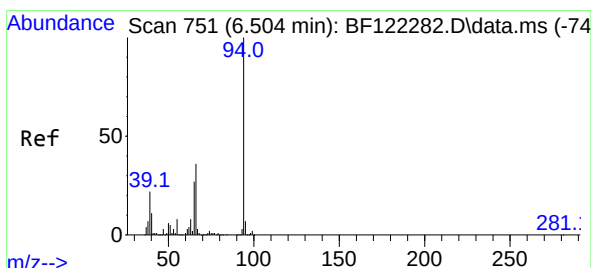
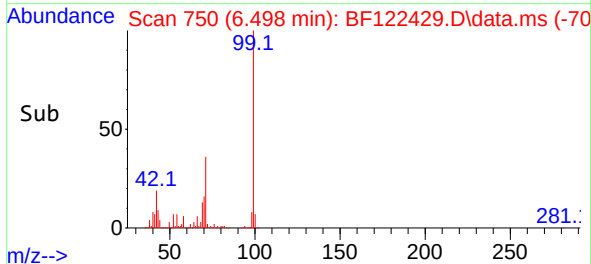
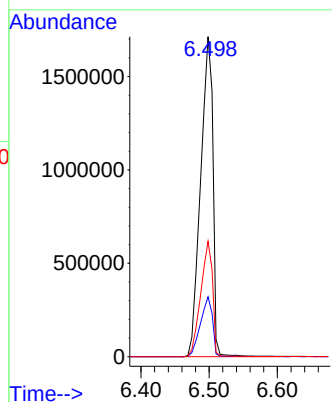
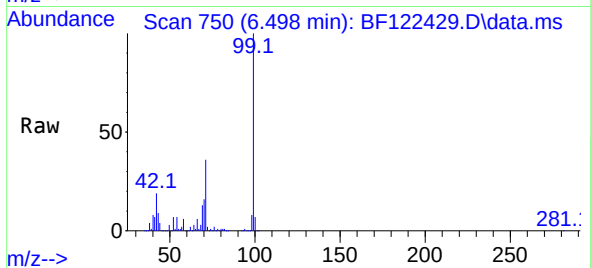


#7
Phenol-d6
Concen: 120.56 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF122429.D
Acq: 21 Nov 2020 19:41

Instrument :
BNA_F
ClientSampleId :
KENS-B2-111920-6-8

Tgt Ion: 99 Resp: 2142524

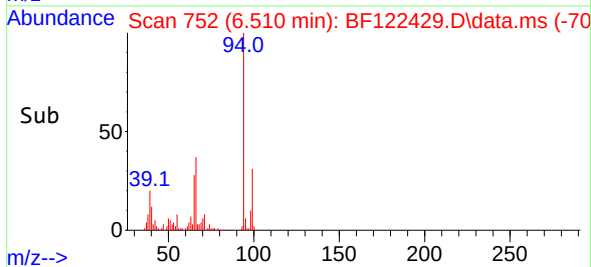
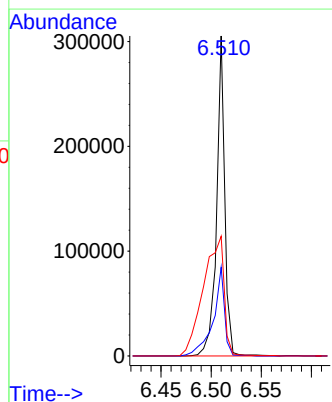
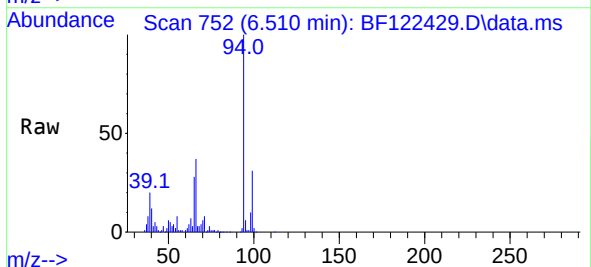
Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.9	23.9
71	36.0	27.1	40.7

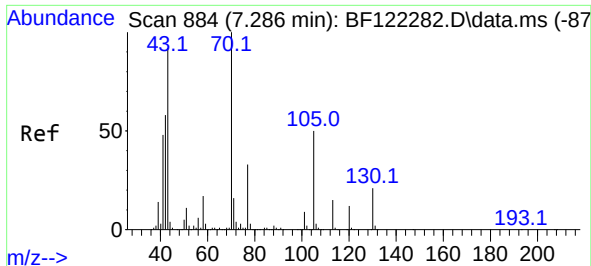


#10
Phenol
Concen: 9.88 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF122429.D
Acq: 21 Nov 2020 19:41

Tgt Ion: 94 Resp: 172918

Ion	Ratio	Lower	Upper
94	100		
65	27.7	17.1	57.1
66	37.4	36.0	76.0

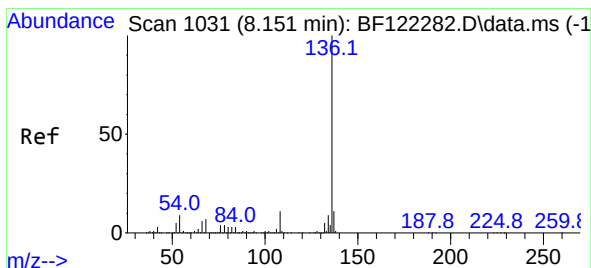
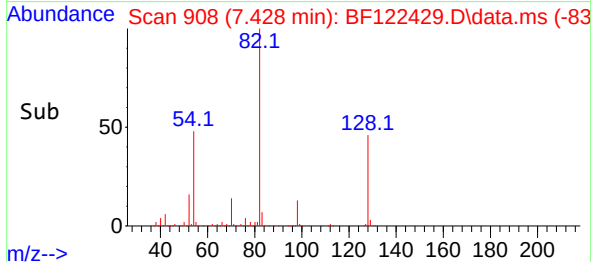
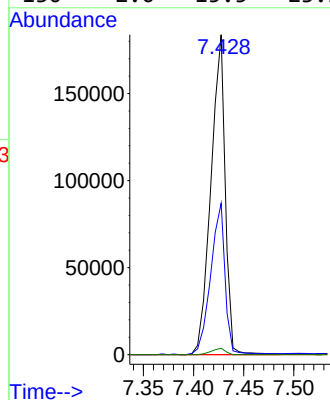
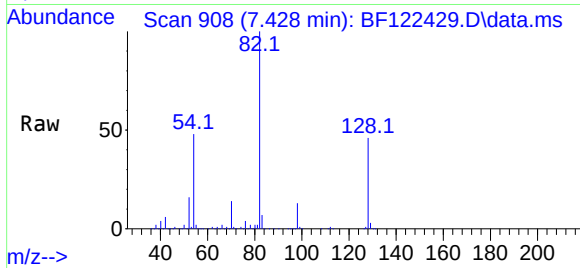




#19
n-Nitroso-di-n-propylamine
Concen: 17.24 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF122429.D
Acq: 21 Nov 2020 19:41

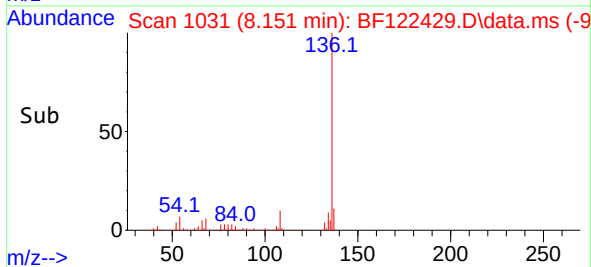
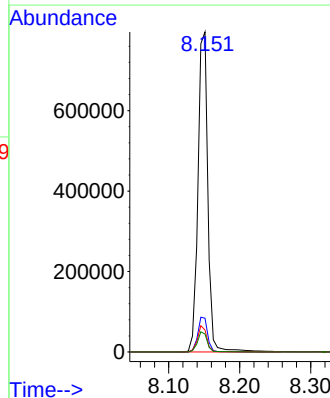
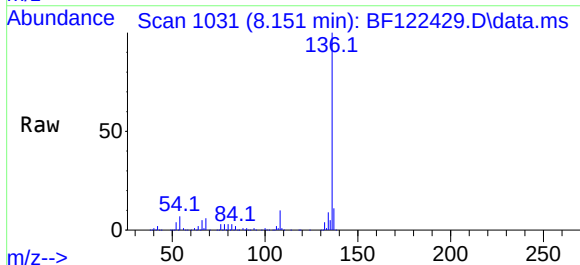
Instrument :
BNA_F
ClientSampleId :
KENS-B2-111920-6-8

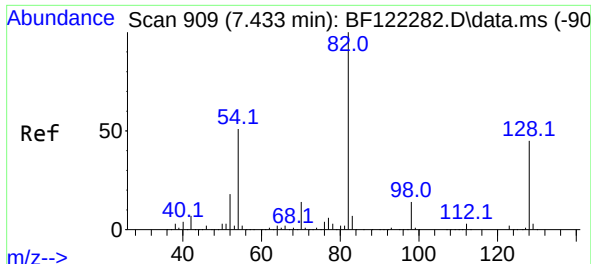
Tgt Ion: 70 Resp: 183120
Ion Ratio Lower Upper
70 100
42 47.3 50.2 75.4#
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF122429.D
Acq: 21 Nov 2020 19:41

Tgt Ion:136 Resp: 773269
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 6.8 7.1 10.7#
68 5.6 5.0 7.4



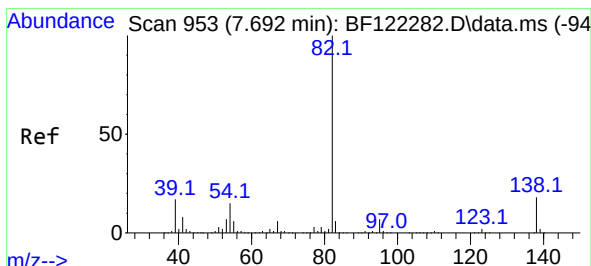
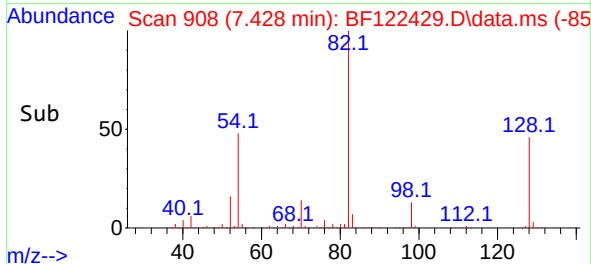
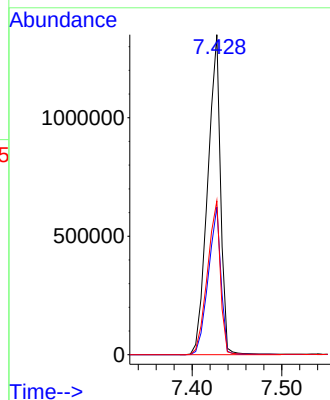
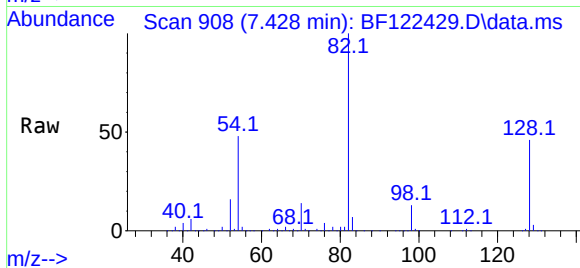


#23
Nitrobenzene-d5
Concen: 106.55 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF122429.D
Acq: 21 Nov 2020 19:41

Instrument :
BNA_F
ClientSampleId :
KENS-B2-111920-6-8

Tgt Ion: 82 Resp: 1345819

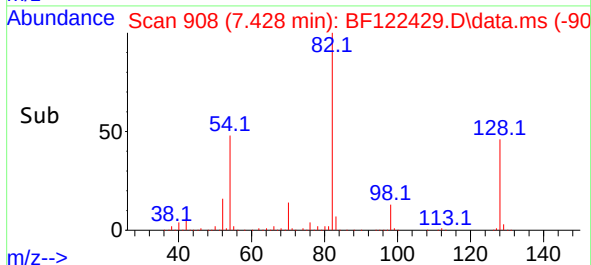
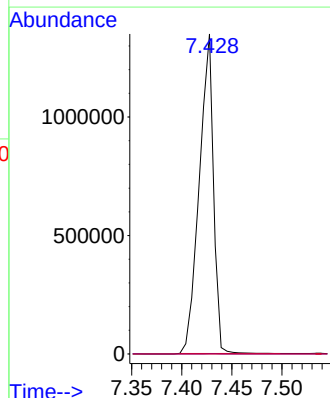
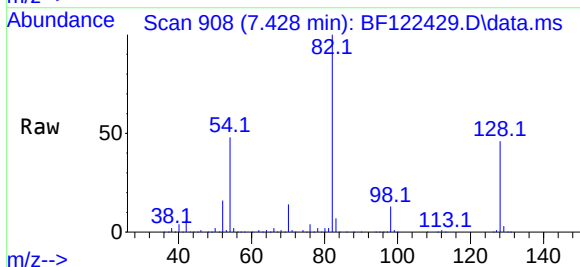
Ion	Ratio	Lower	Upper
82	100		
128	46.1	35.0	52.4
54	48.1	43.9	65.9

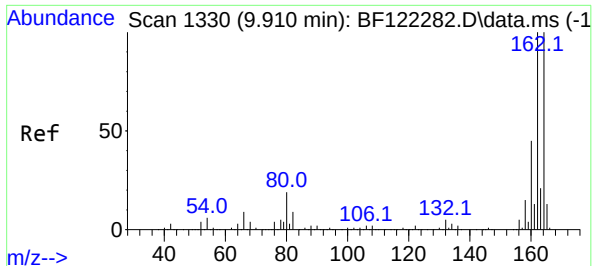


#25
Isophorone
Concen: 47.37 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.265 min
Lab File: BF122429.D
Acq: 21 Nov 2020 19:41

Tgt Ion: 82 Resp: 1333918

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: BF122429.D

Acq: 21 Nov 2020 19:41

Tgt Ion:164 Resp: 410713

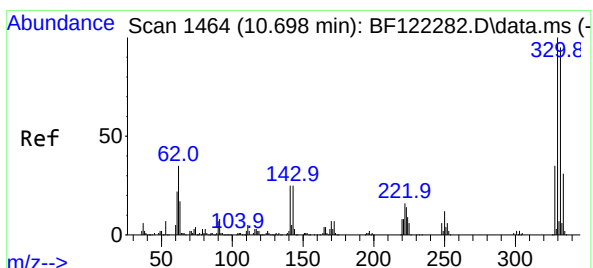
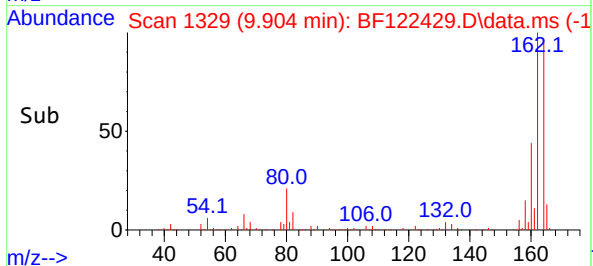
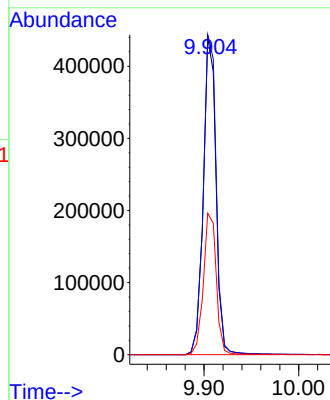
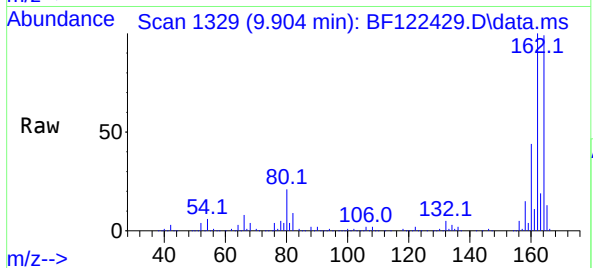
Ion	Ratio	Lower	Upper
164	100		
162	100.8	83.2	124.8
160	44.6	37.5	56.3

Instrument :

BNA_F

ClientSampleId :

KENS-B2-111920-6-8



#42

2,4,6-Tribromophenol

Concen: 137.99 ng

RT: 10.698 min Scan# 1464

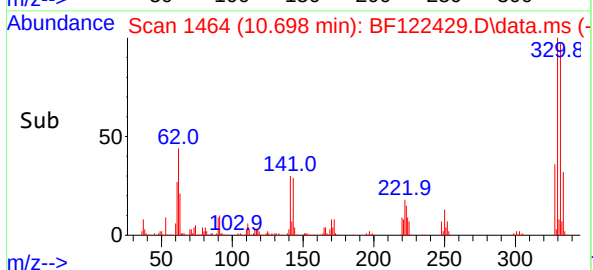
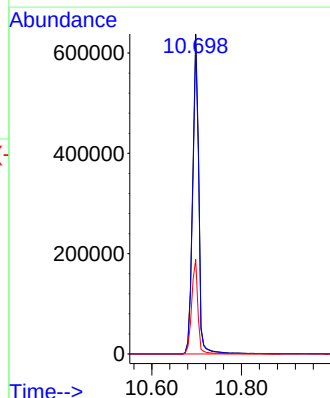
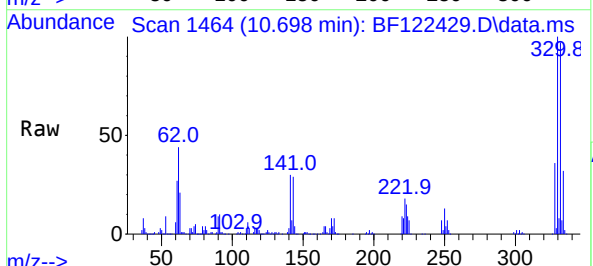
Delta R.T. -0.006 min

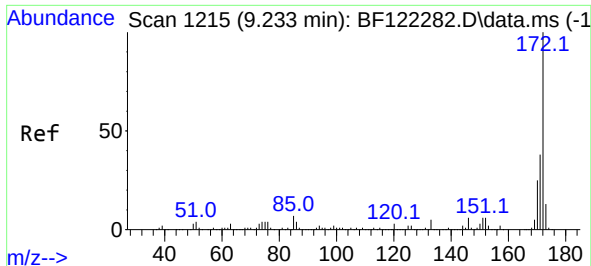
Lab File: BF122429.D

Acq: 21 Nov 2020 19:41

Tgt Ion:330 Resp: 608270

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.3	115.9
141	29.8	22.3	33.5

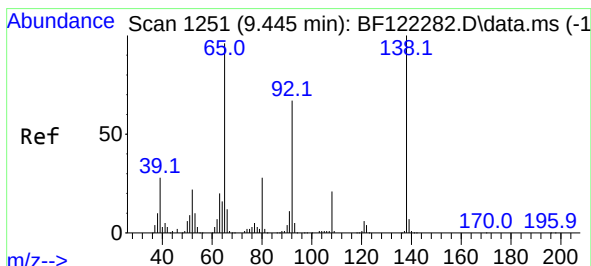
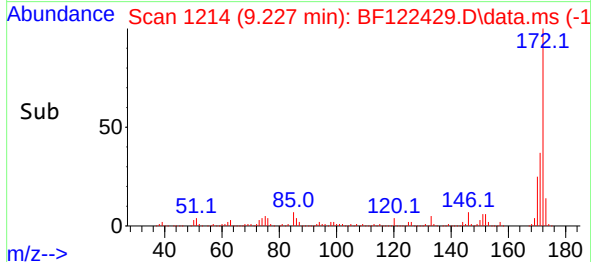
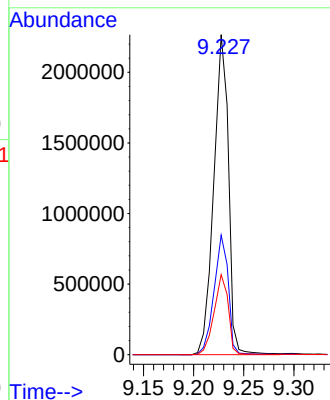
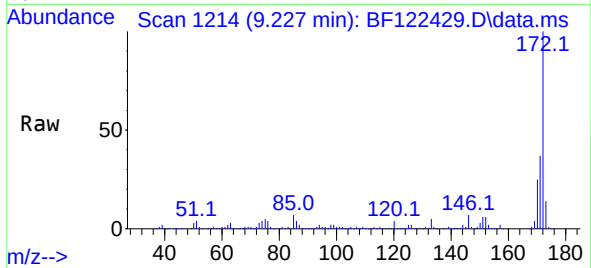




#45
2-Fluorobiphenyl
Concen: 87.94 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122429.D
Acq: 21 Nov 2020 19:41

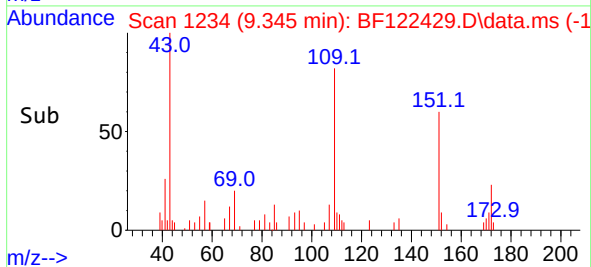
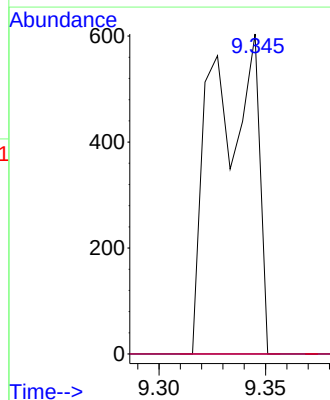
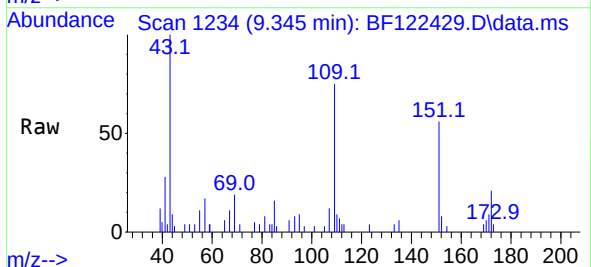
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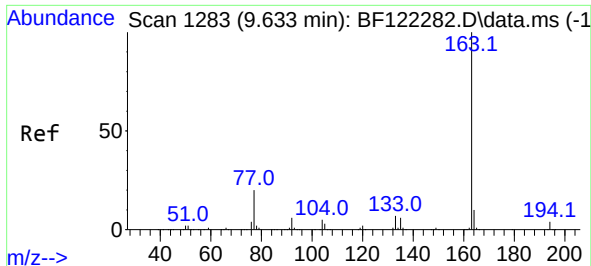
Tgt Ion:172 Resp: 2311618
Ion Ratio Lower Upper
172 100
171 37.3 29.1 43.7
170 25.0 19.8 29.6



#48
2-Nitroaniline
Concen: 5.27 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.112 min
Lab File: BF122429.D
Acq: 21 Nov 2020 19:41

Tgt Ion: 65 Resp: 871
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#

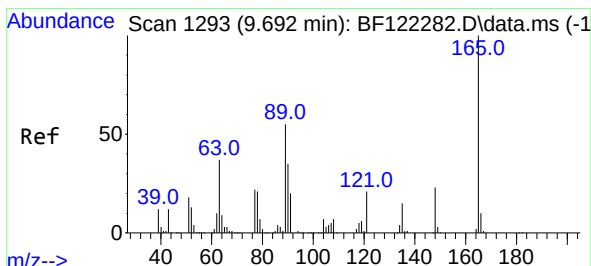
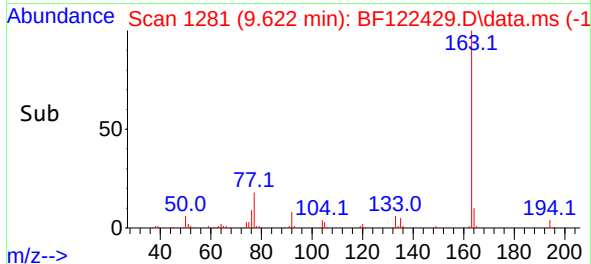
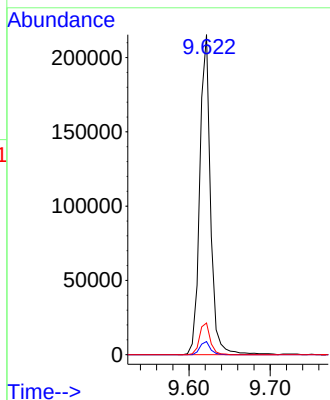
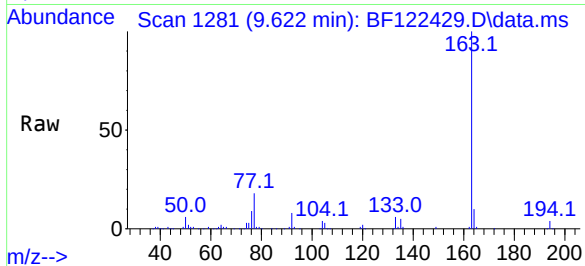




#50
Dimethylphthalate
Concen: 6.79 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BF122429.D
Acq: 21 Nov 2020 19:41

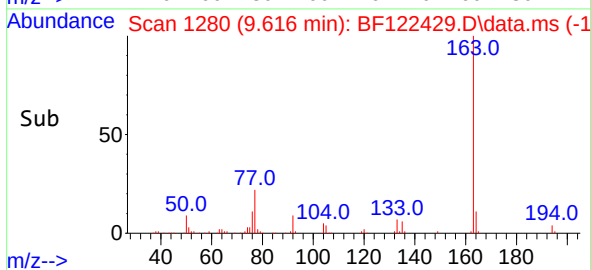
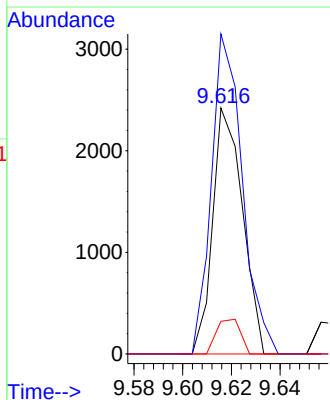
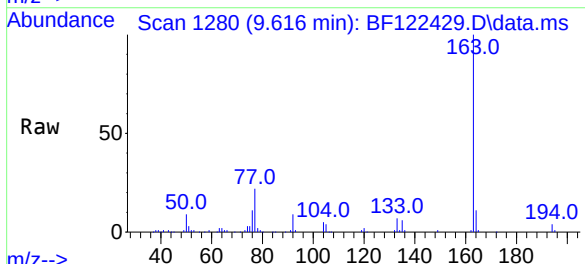
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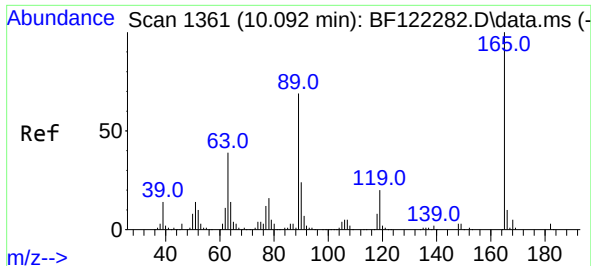
Tgt Ion:163 Resp: 198259
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.9 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 4.11 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.083 min
Lab File: BF122429.D
Acq: 21 Nov 2020 19:41

Tgt Ion:165 Resp: 2056
Ion Ratio Lower Upper
165 100
63 130.2 51.8 77.6#
89 13.3 49.0 73.6#

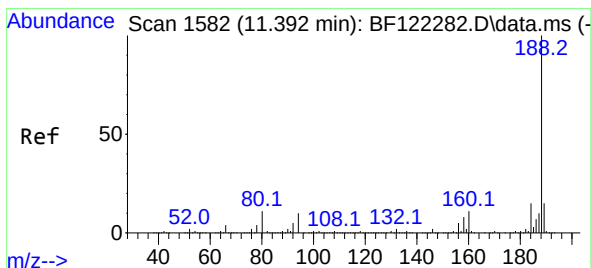
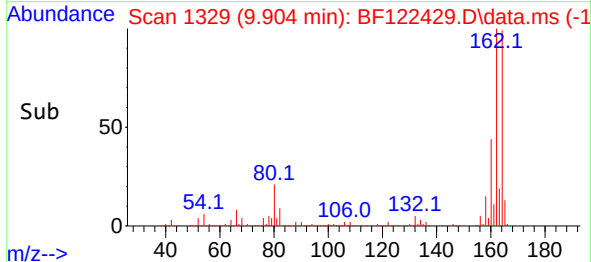
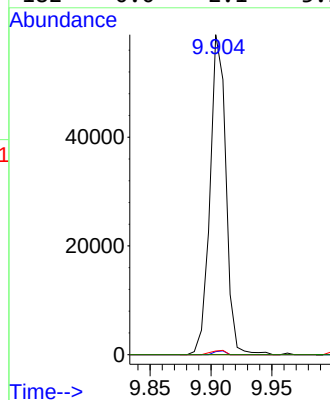
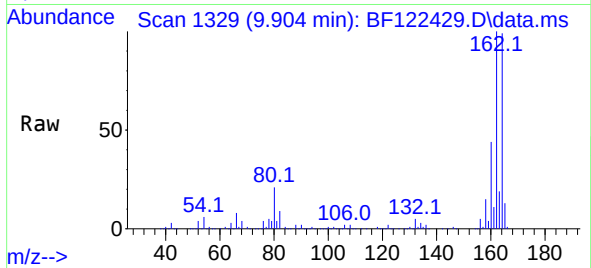




#57
2,4-Dinitrotoluene
Concen: 10.61 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF122429.D
Acq: 21 Nov 2020 19:41

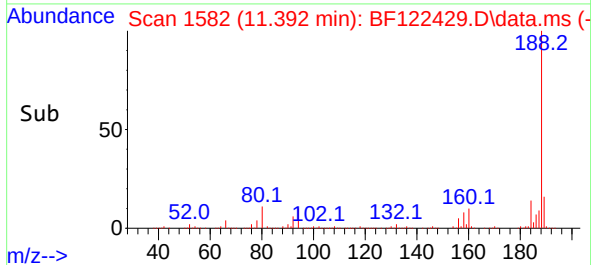
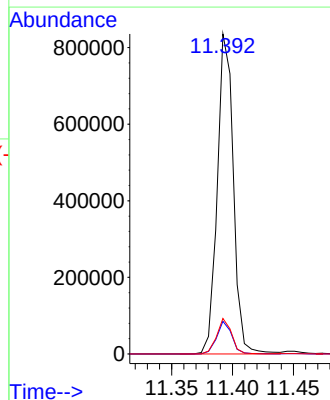
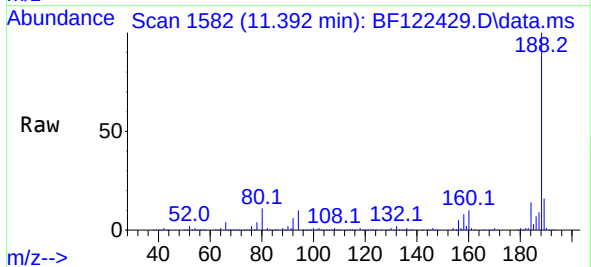
Instrument :
BNA_F
ClientSampleId :
KENS-B2-111920-6-8

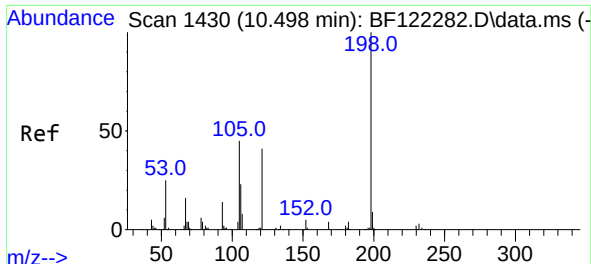
Tgt Ion:165	Resp:	53455
Ion Ratio	Lower	Upper
165	100	
63	1.0	41.3 61.9#
89	1.2	61.8 92.8#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF122429.D
Acq: 21 Nov 2020 19:41

Tgt Ion:188	Resp:	770931
Ion Ratio	Lower	Upper
188	100	
94	10.2	8.3 12.5
80	11.1	9.1 13.7

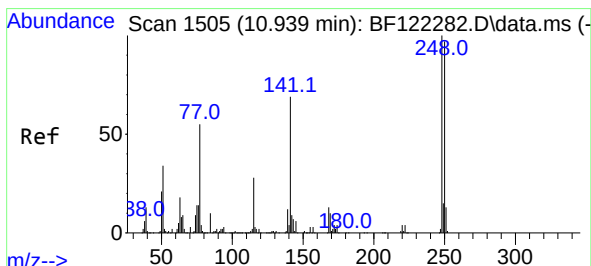
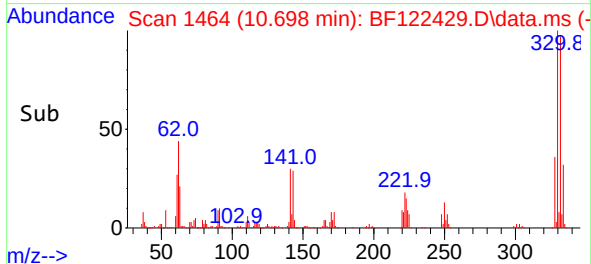
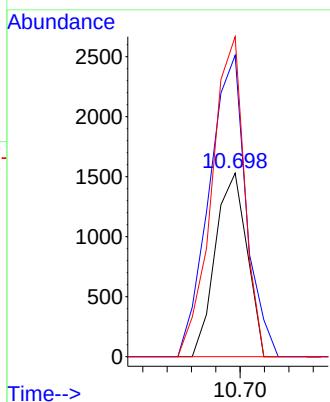
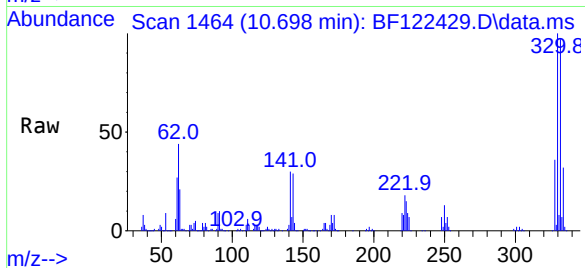




#65
4,6-Dinitro-2-methylphenol
Concen: 6.67 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.188 min
Lab File: BF122429.D
Acq: 21 Nov 2020 19:41

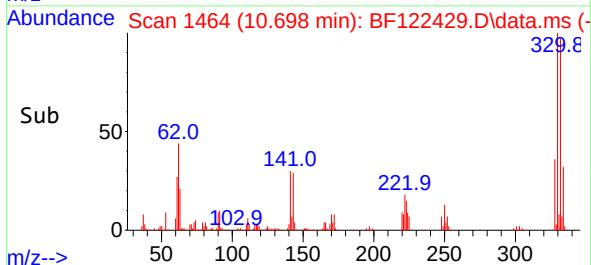
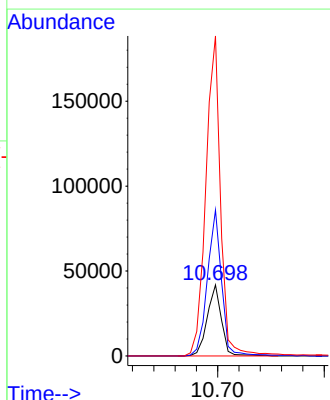
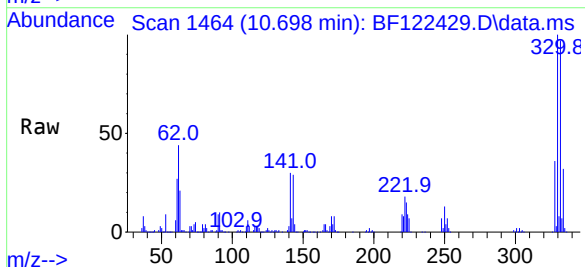
Instrument :
BNA_F
ClientSampleId :
KENS-B2-111920-6-8

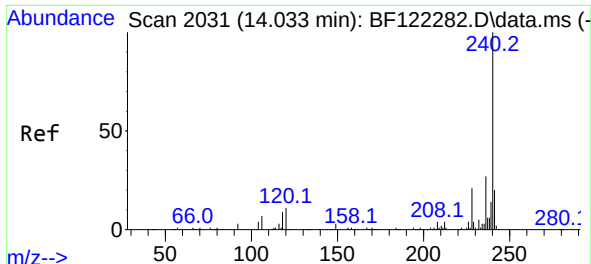
Tgt Ion:	198	Resp:	1382
Ion	Ratio	Lower	Upper
198	100		
51	164.2	29.6	69.6#
105	174.3	24.4	64.4#



#67
4-Bromophenyl-phenylether
Concen: 4.28 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF122429.D
Acq: 21 Nov 2020 19:41

Tgt Ion:	248	Resp:	38761
Ion	Ratio	Lower	Upper
248	100		
250	205.4	77.0	115.6#
141	450.7	53.7	80.5#

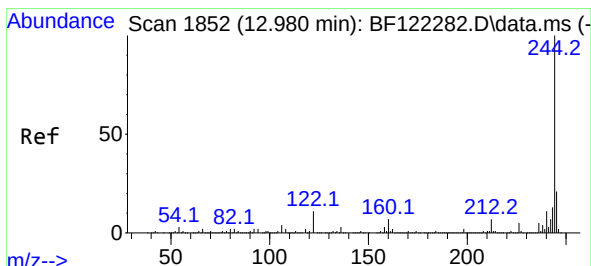
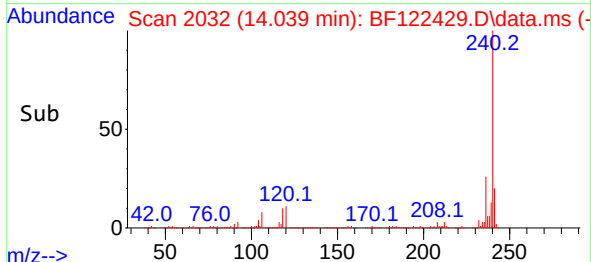
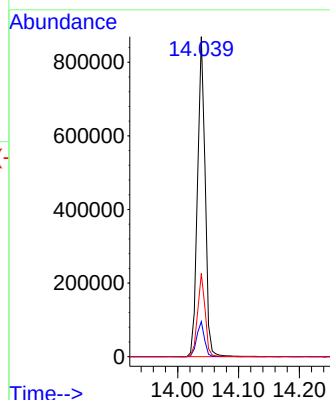
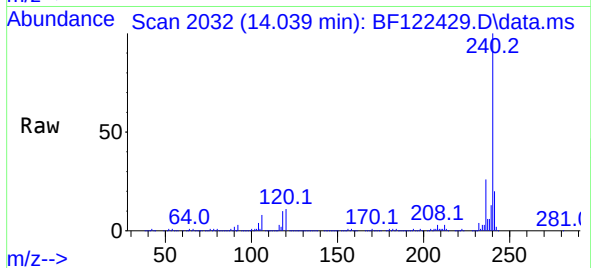




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF122429.D
Acq: 21 Nov 2020 19:41

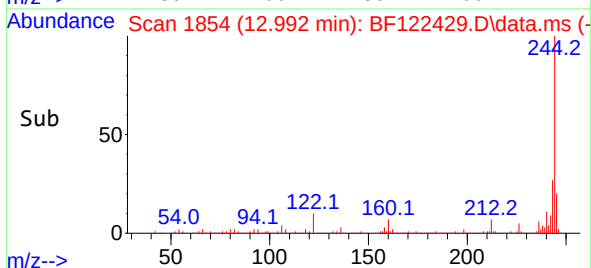
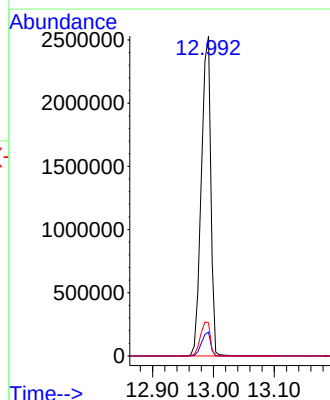
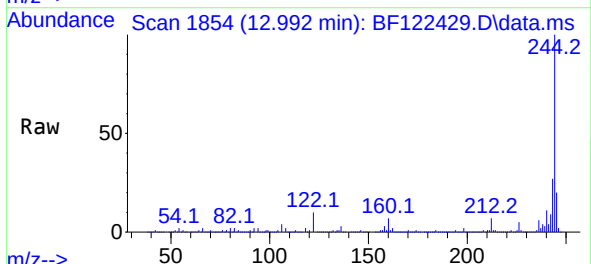
Instrument :
BNA_F
ClientSampleId :
KENS-B2-111920-6-8

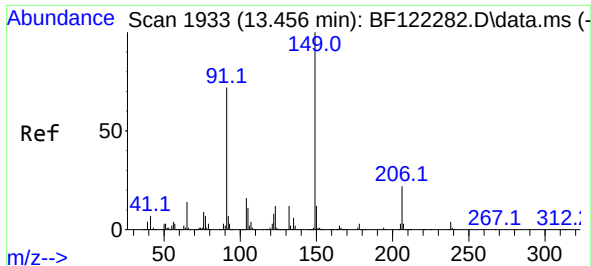
Tgt Ion:240 Resp: 757464
Ion Ratio Lower Upper
240 100
120 11.0 9.2 13.8
236 26.0 20.9 31.3



#79
Terphenyl-d14
Concen: 75.96 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF122429.D
Acq: 21 Nov 2020 19:41

Tgt Ion:244 Resp: 2715928
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.2
122 10.3 8.1 12.1

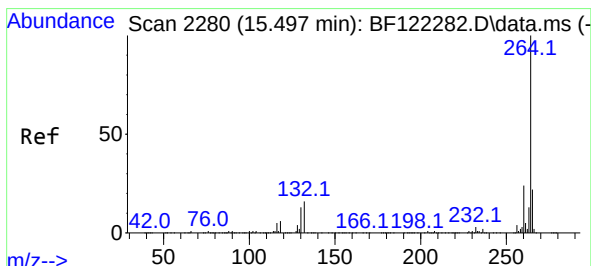
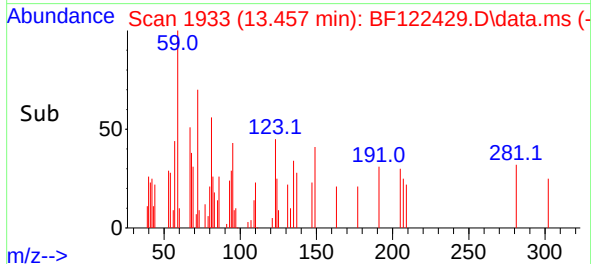
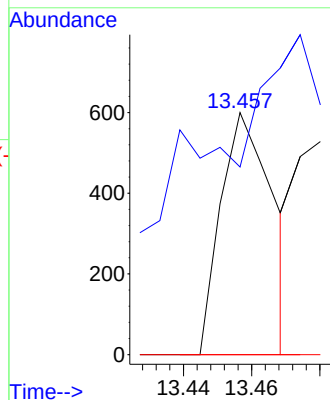
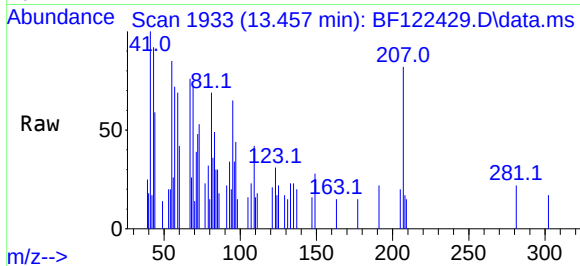




#80
Butylbenzylphthalate
Concen: 3.32 ng
RT: 13.457 min Scan# 1933
Delta R.T. -0.012 min
Lab File: BF122429.D
Acq: 21 Nov 2020 19:41

Instrument :
BNA_F
ClientSampleId :
KENS-B2-111920-6-8

Tgt Ion:	149	Resp:	636
Ion	Ratio	Lower	Upper
149	100		
91	77.5	61.0	91.4
206	0.0	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: BF122429.D
Acq: 21 Nov 2020 19:41

Tgt Ion:	264	Resp:	661634
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	22.1	17.3	25.9

