

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011821\
 Data File : BF122988.D
 Acq On : 18 Jan 2021 15:00
 Operator : JU/CG
 Sample : M1160-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BASIN-3

Quant Time: Jan 18 15:25:18 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 18 13:14:08 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

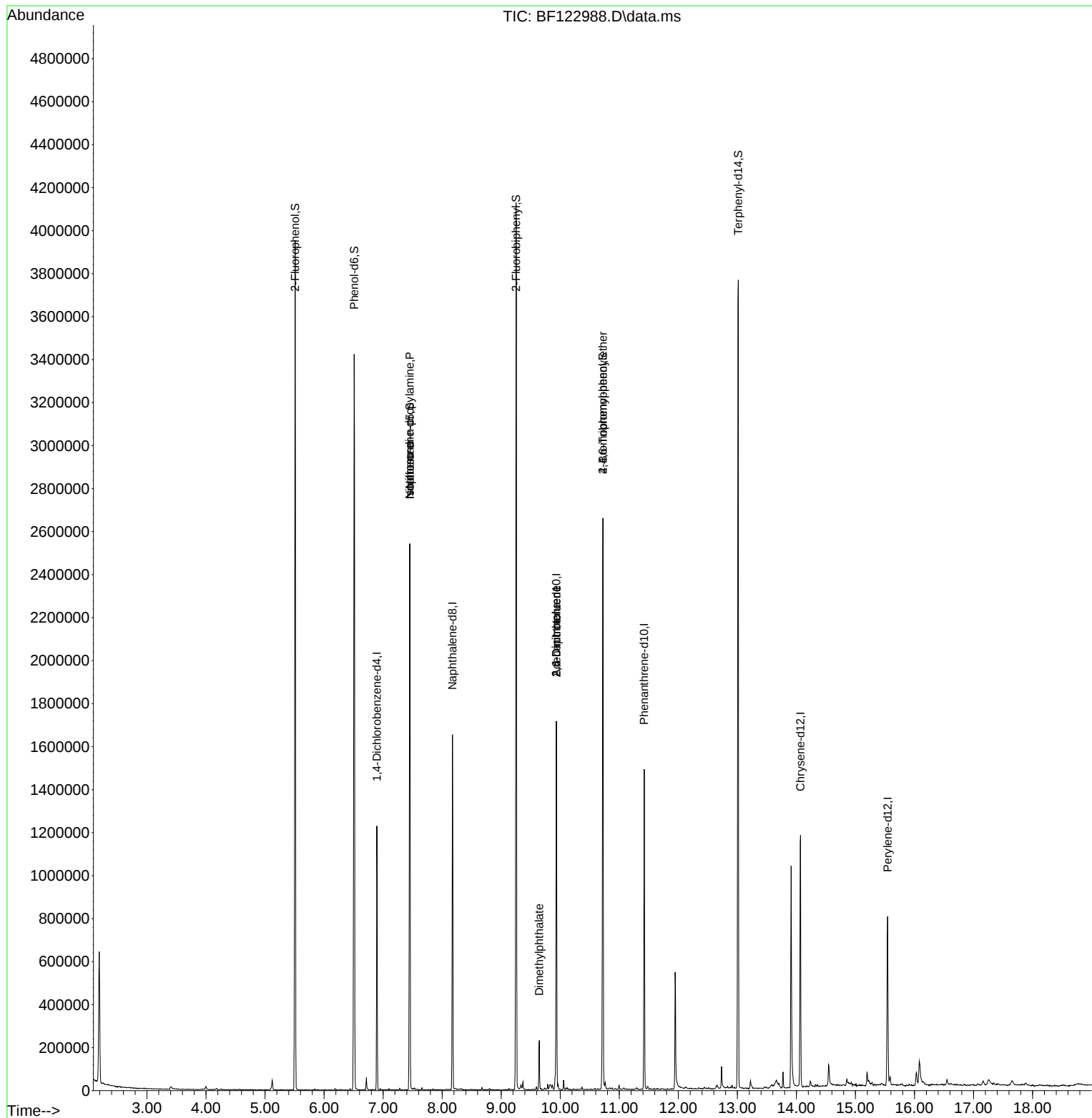
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	152515	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	688936	20.00	ng	# 0.00
39) Acenaphthene-d10	9.933	164	312026	20.00	ng	0.00
64) Phenanthrene-d10	11.421	188	443297	20.00	ng	# 0.00
76) Chrysene-d12	14.068	240	372148	20.00	ng	0.00
86) Perylene-d12	15.545	264	310450	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	962653	95.41	ng	0.00
7) Phenol-d6	6.510	99	1127146	83.12	ng	-0.01
23) Nitrobenzene-d5	7.451	82	764979	57.14	ng	-0.01
42) 2,4,6-Tribromophenol	10.721	330	261661	74.15	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1256958	56.41	ng	0.00
79) Terphenyl-d14	13.015	244	1145826	56.45	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	1973	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.451	70	103797	12.92	ng	# 73
25) Isophorone	7.451	82	764967	32.03	ng	# 65
50) Dimethylphthalate	9.645	163	77887	3.22	ng	# 99
51) 2,6-Dinitrotoluene	9.933	165	38966	7.36	ng	# 31
57) 2,4-Dinitrotoluene	9.933	165	38966	5.72	ng	# 26
67) 4-Bromophenyl-phenylether	10.721	248	15962	2.95	ng	# 1

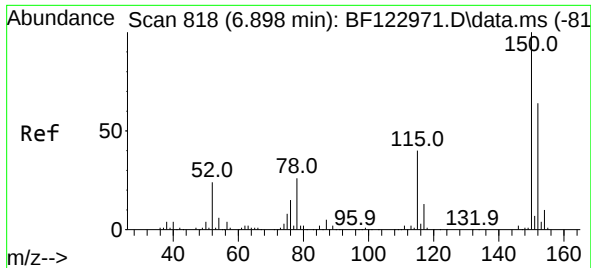
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011821\
Data File : BF122988.D
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Sample : M1160-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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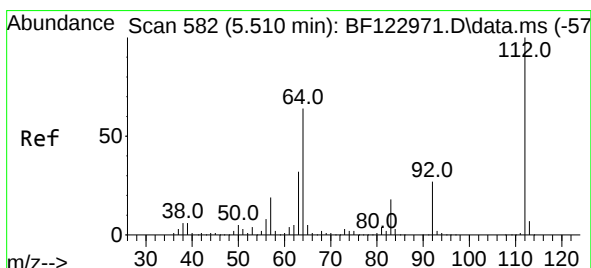
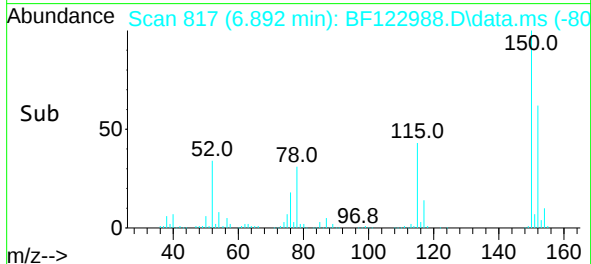
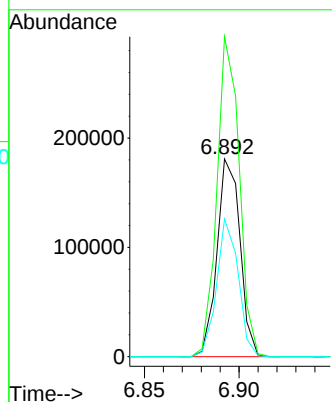
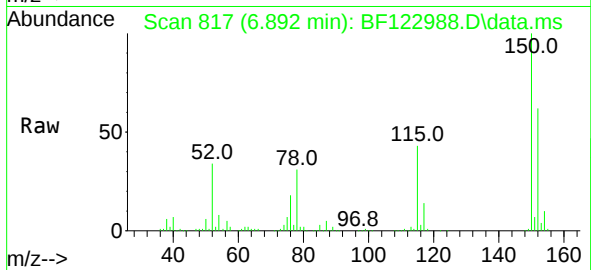




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF122988.D
Acq: 18 Jan 2021 15:00

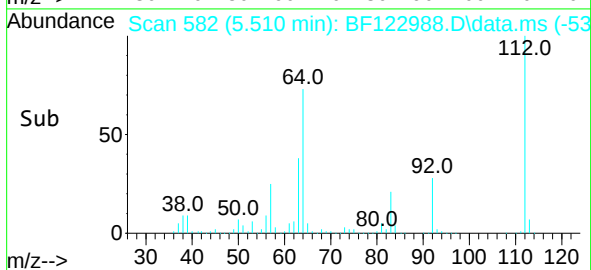
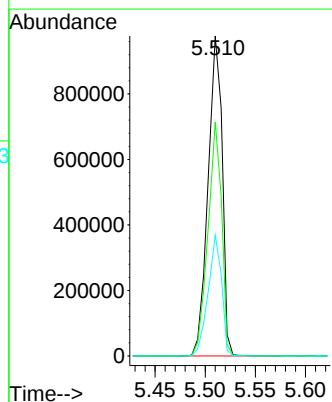
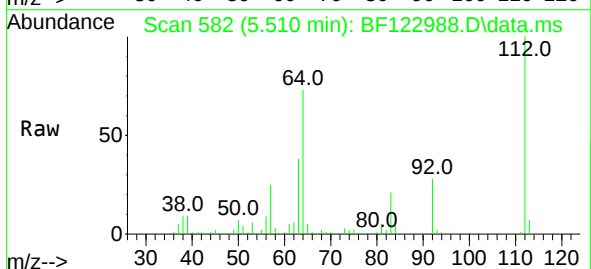
Instrument :
BNA_F
ClientSampleId :
BASIN-3

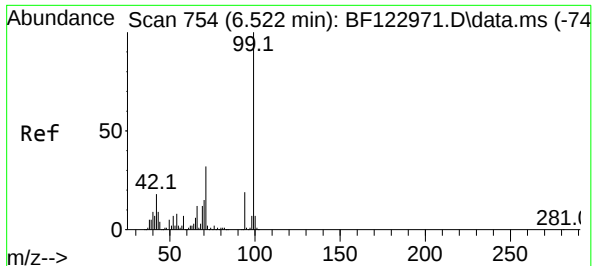
Tgt Ion:152 Resp: 152515
Ion Ratio Lower Upper
152 100
150 161.7 125.8 188.6
115 69.6 49.3 73.9



#5
2-Fluorophenol
Concen: 95.41 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.000 min
Lab File: BF122988.D
Acq: 18 Jan 2021 15:00

Tgt Ion:112 Resp: 962653
Ion Ratio Lower Upper
112 100
64 73.1 46.9 70.3#
63 37.7 24.5 36.7#

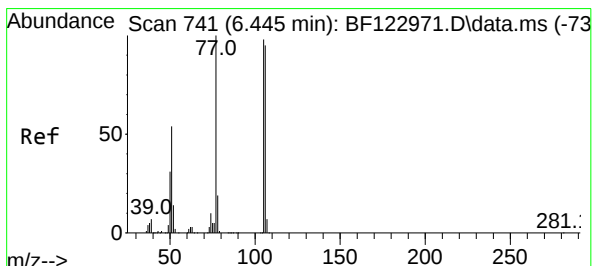
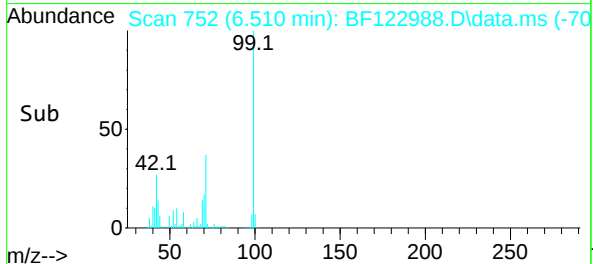
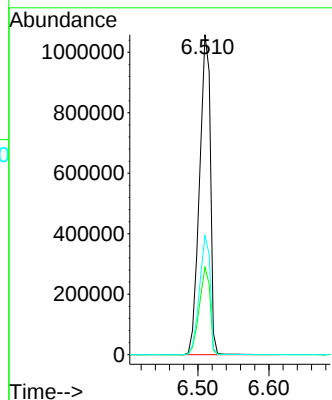
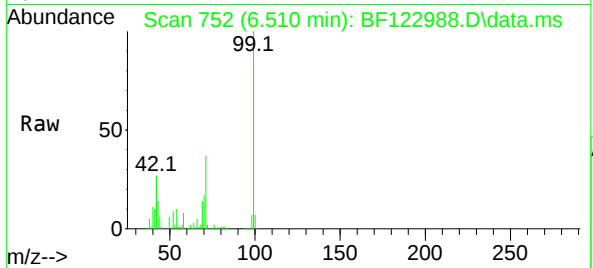




#7
Phenol-d6
Concen: 83.12 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF122988.D
Acq: 18 Jan 2021 15:00

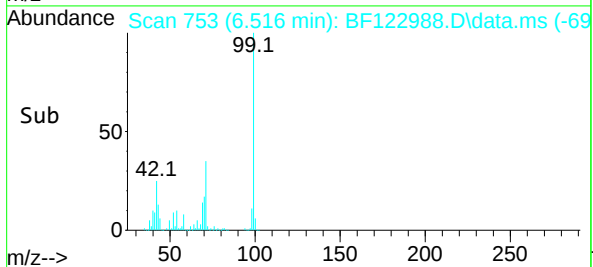
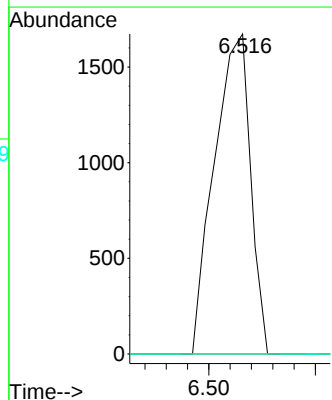
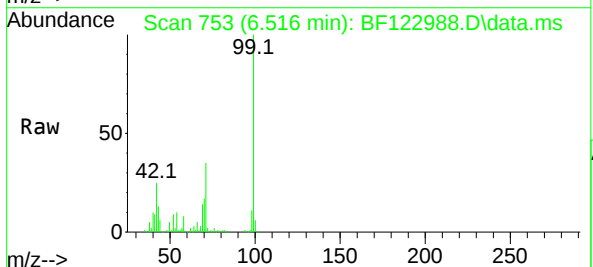
Instrument :
BNA_F
ClientSampleId :
BASIN-3

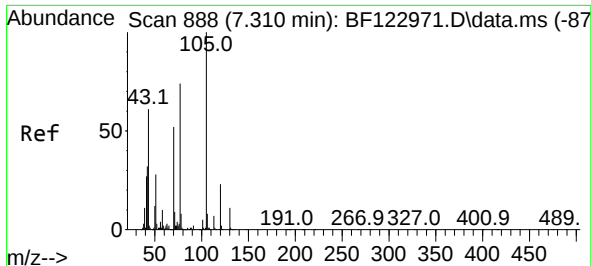
Tgt Ion: 99 Resp: 1127146
Ion Ratio Lower Upper
99 100
42 27.3 13.8 20.6#
71 37.1 26.9 40.3



#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 753
Delta R.T. 0.071 min
Lab File: BF122988.D
Acq: 18 Jan 2021 15:00

Tgt Ion: 77 Resp: 1973
Ion Ratio Lower Upper
77 100
105 0.0 80.6 120.6#
106 0.0 77.2 117.2#



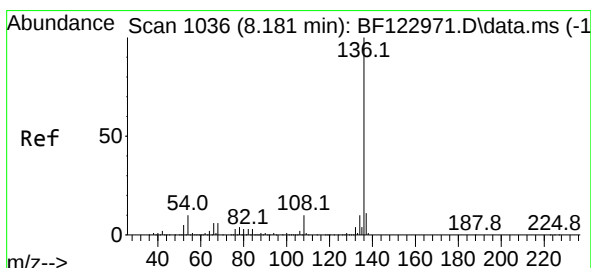
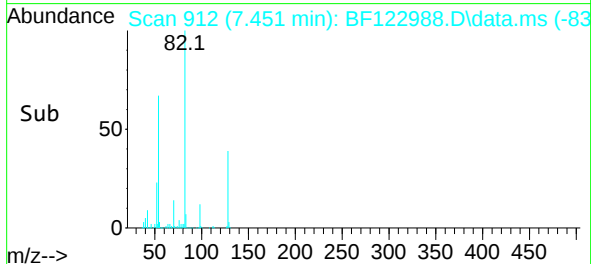
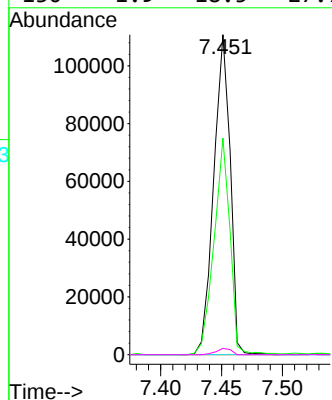
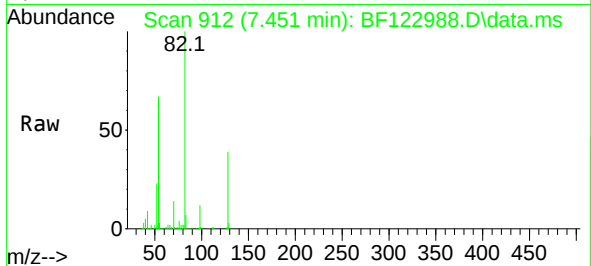


#19
n-Nitroso-di-n-propylamine
Concen: 12.92 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF122988.D
Acq: 18 Jan 2021 15:00

Instrument :
BNA_F
ClientSampleId :
BASIN-3

Tgt Ion: 70 Resp: 103797

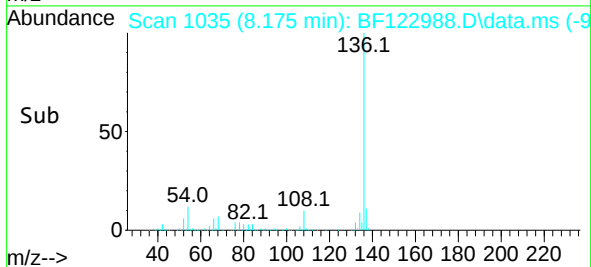
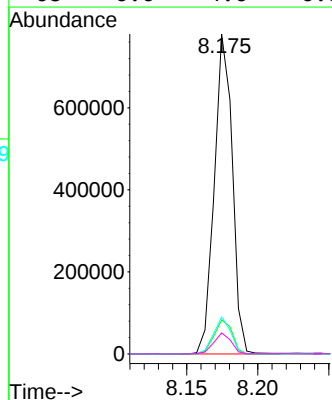
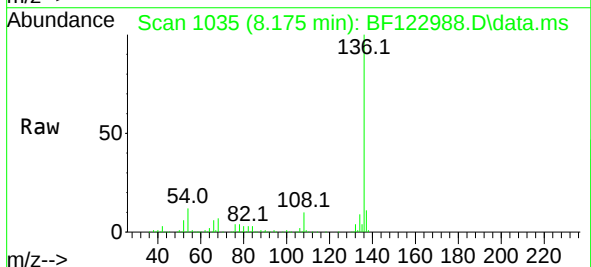
Ion	Ratio	Lower	Upper
70	100		
42	67.7	43.0	64.4#
101	0.0	7.9	11.9#
130	1.9	18.5	27.7#

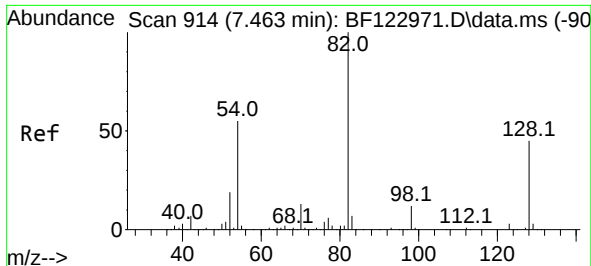


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF122988.D
Acq: 18 Jan 2021 15:00

Tgt Ion: 136 Resp: 688936

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	11.6	5.5	8.3#
68	6.6	4.6	6.8





#23

Nitrobenzene-d5

Concen: 57.14 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.012 min

Lab File: BF122988.D

Acq: 18 Jan 2021 15:00

Tgt Ion: 82 Resp: 764979

Ion Ratio Lower Upper

82 100

128 38.7 37.0 55.4

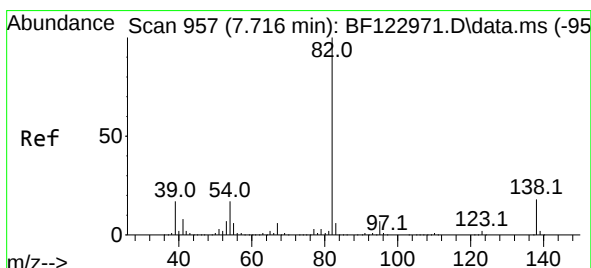
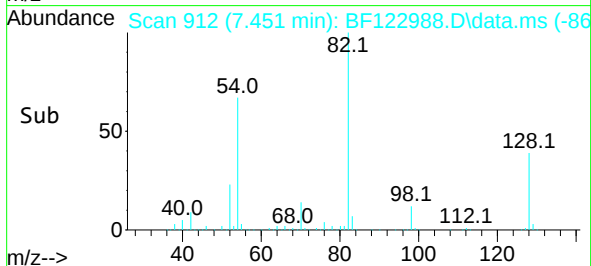
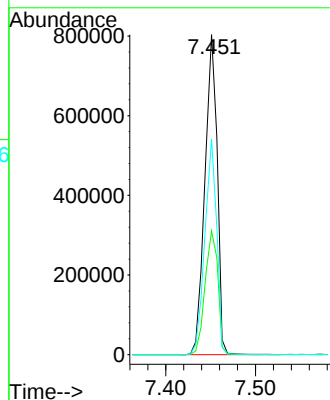
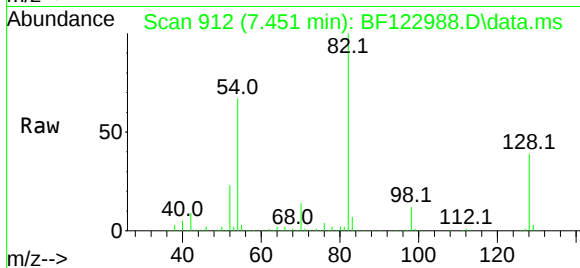
54 67.4 38.4 57.6#

Instrument :

BNA_F

ClientSampleId :

BASIN-3



#25

Isophorone

Concen: 32.03 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.265 min

Lab File: BF122988.D

Acq: 18 Jan 2021 15:00

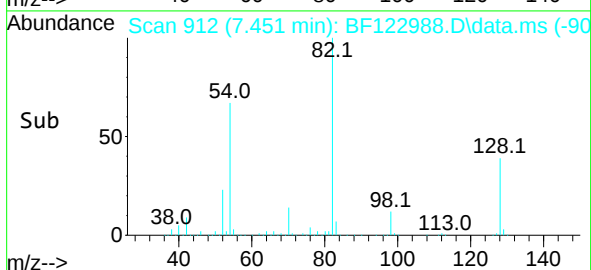
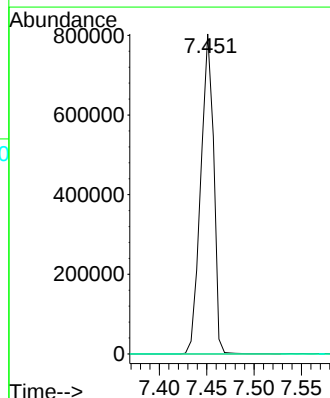
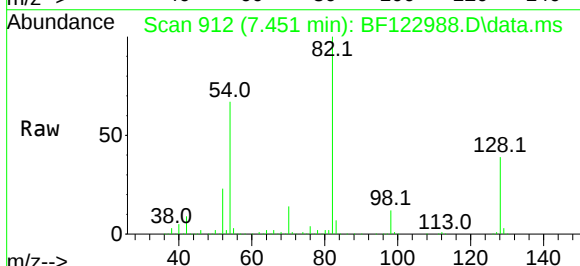
Tgt Ion: 82 Resp: 764967

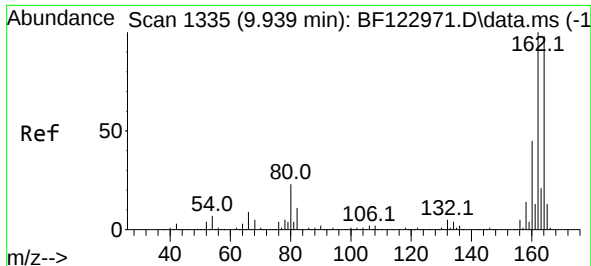
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 14.6 21.8#

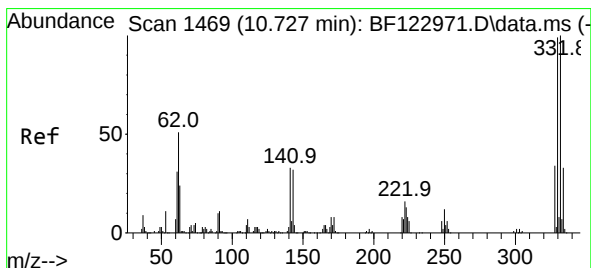
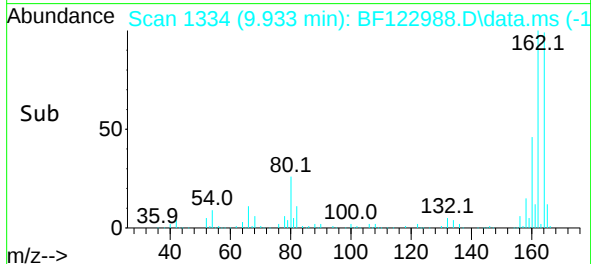
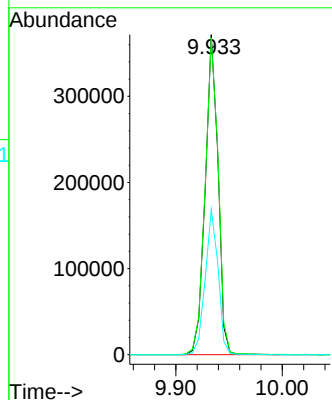
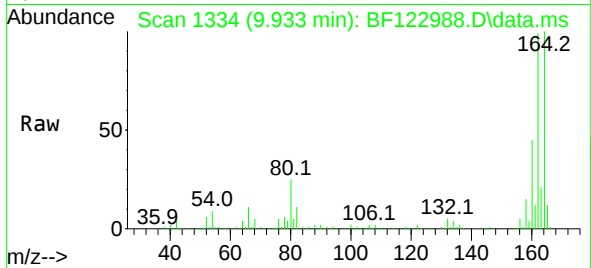




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF122988.D
Acq: 18 Jan 2021 15:00

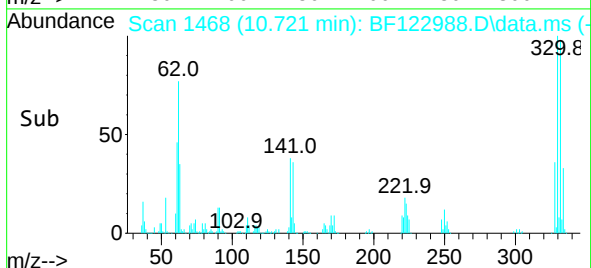
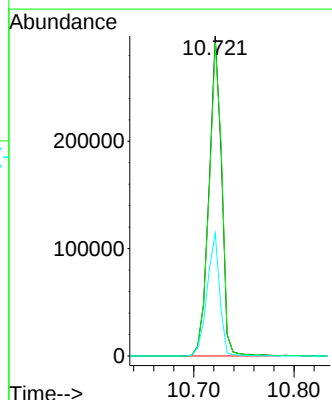
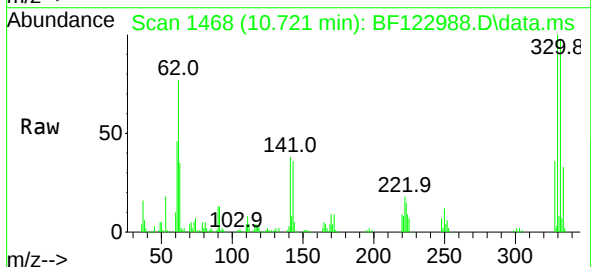
Instrument :
BNA_F
ClientSampled :
BASIN-3

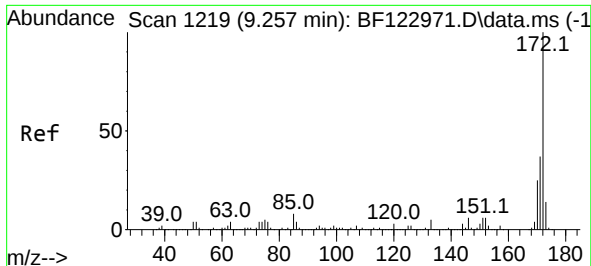
Tgt Ion:164 Resp: 312026
Ion Ratio Lower Upper
164 100
162 99.0 80.8 121.2
160 45.4 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 74.15 ng
RT: 10.721 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF122988.D
Acq: 18 Jan 2021 15:00

Tgt Ion:330 Resp: 261661
Ion Ratio Lower Upper
330 100
332 99.6 77.5 116.3
141 38.3 23.8 35.8#

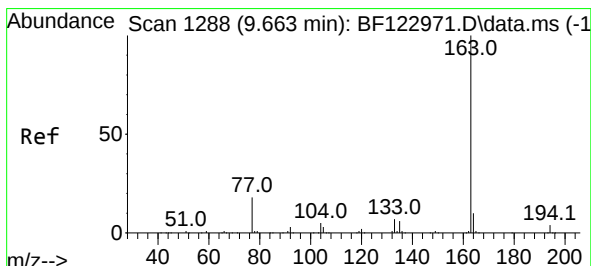
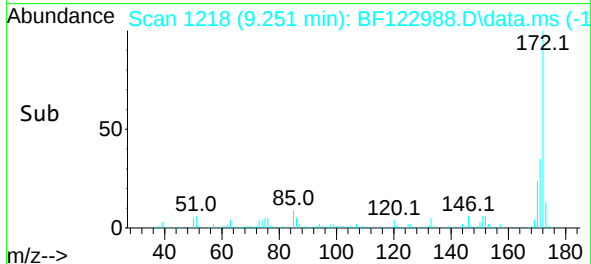
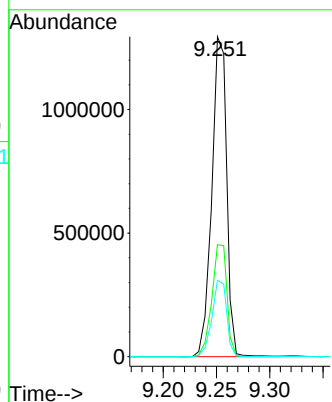
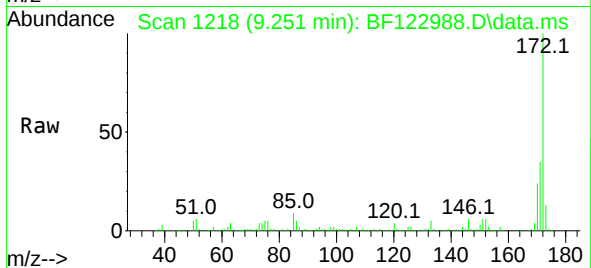




#45
2-Fluorobiphenyl
Concen: 56.41 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF122988.D
Acq: 18 Jan 2021 15:00

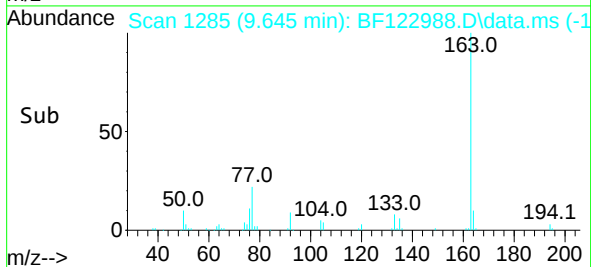
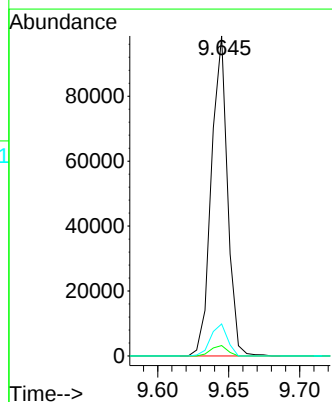
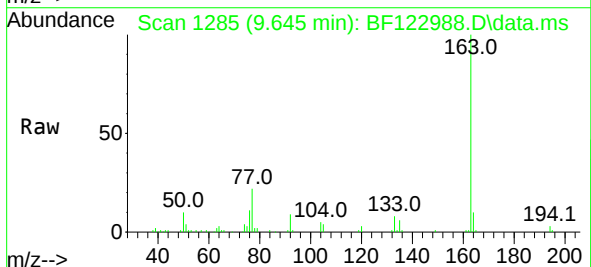
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ClientSampleId :
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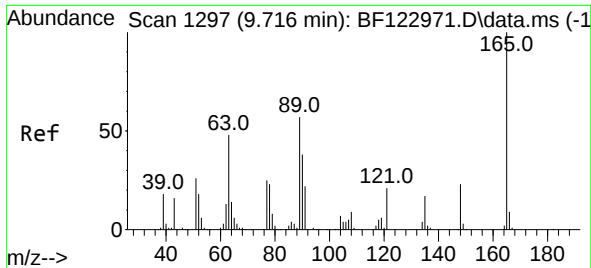
Tgt Ion:172 Resp: 1256958
Ion Ratio Lower Upper
172 100
171 35.0 29.6 44.4
170 23.9 19.5 29.3



#50
Dimethylphthalate
Concen: 3.22 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.018 min
Lab File: BF122988.D
Acq: 18 Jan 2021 15:00

Tgt Ion:163 Resp: 77887
Ion Ratio Lower Upper
163 100
194 3.3 3.4 5.0#
164 10.0 8.1 12.1

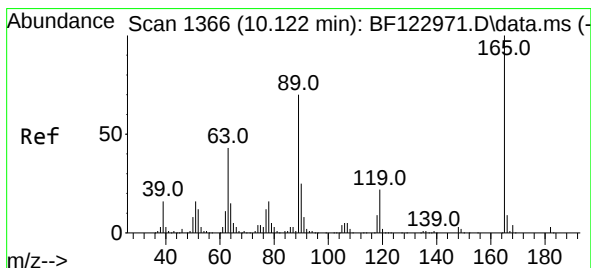
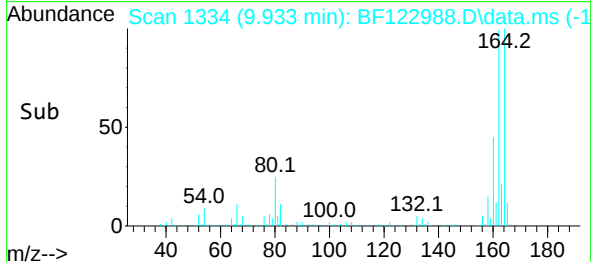
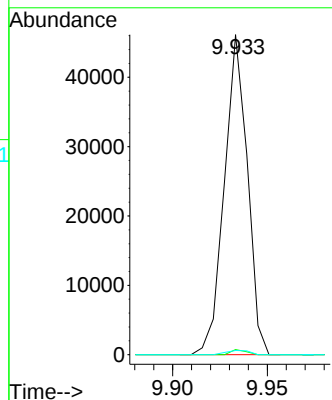
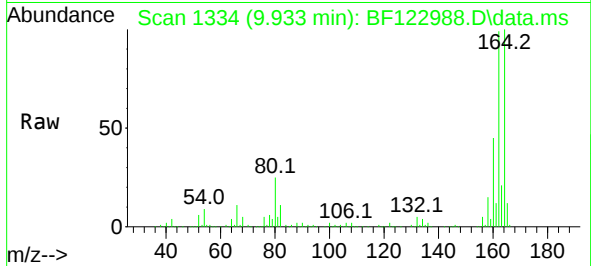




#51
2,6-Dinitrotoluene
Concen: 7.36 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.217 min
Lab File: BF122988.D
Acq: 18 Jan 2021 15:00

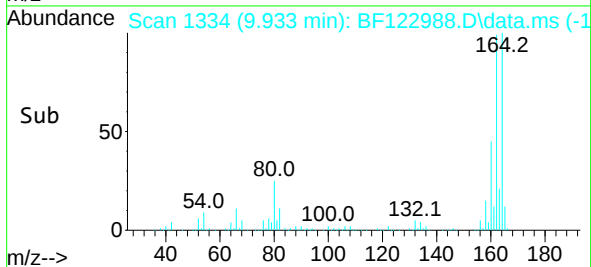
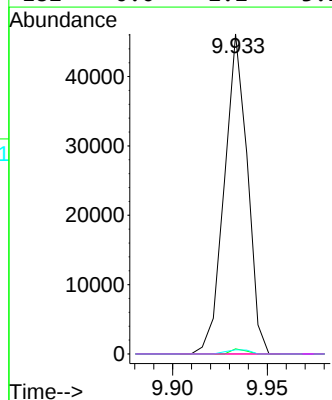
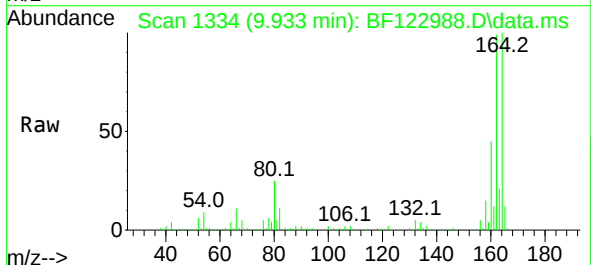
Instrument :
BNA_F
ClientSampleId :
BASIN-3

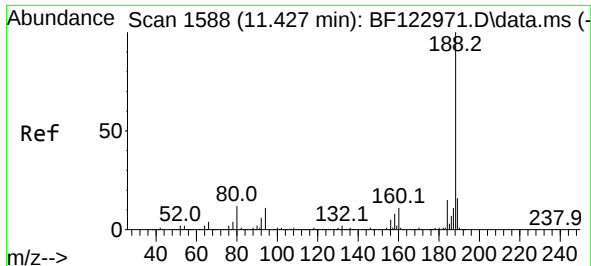
Tgt Ion:165 Resp: 38966
Ion Ratio Lower Upper
165 100
63 1.6 36.6 55.0#
89 1.3 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.72 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF122988.D
Acq: 18 Jan 2021 15:00

Tgt Ion:165 Resp: 38966
Ion Ratio Lower Upper
165 100
63 1.6 34.3 51.5#
89 1.3 55.2 82.8#
182 0.0 2.2 3.2#

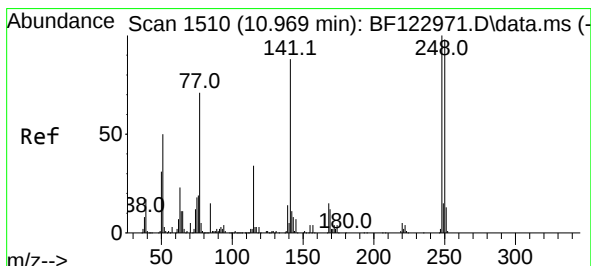
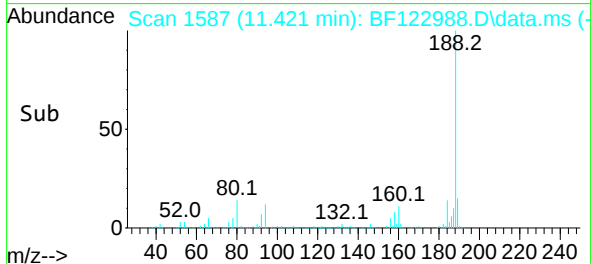
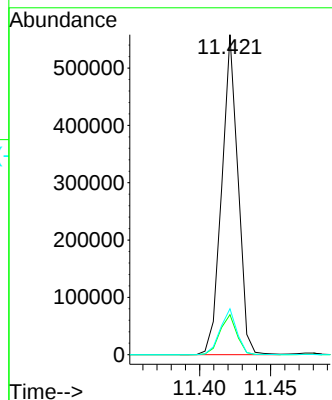
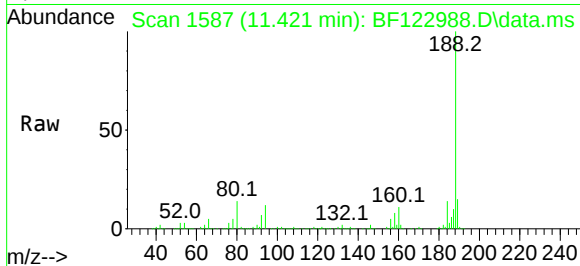




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.421 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF122988.D
Acq: 18 Jan 2021 15:00

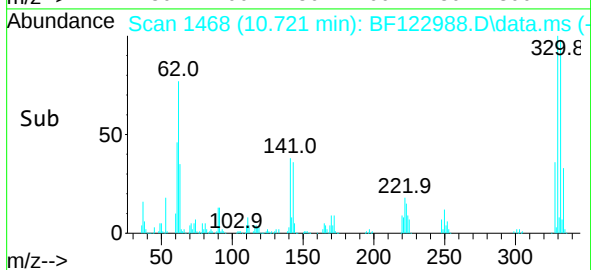
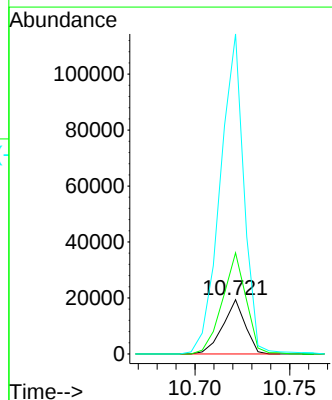
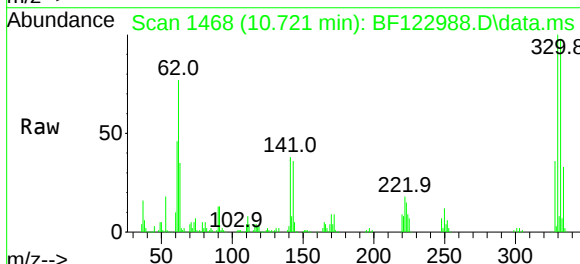
Instrument :
BNA_F
ClientSampled :
BASIN-3

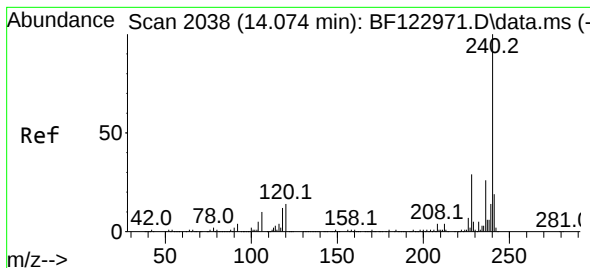
Tgt Ion:188 Resp: 443297
Ion Ratio Lower Upper
188 100
94 12.5 7.4 11.2#
80 14.4 8.2 12.4#



#67
4-Bromophenyl-phenylether
Concen: 2.95 ng
RT: 10.721 min Scan# 1468
Delta R.T. -0.247 min
Lab File: BF122988.D
Acq: 18 Jan 2021 15:00

Tgt Ion:248 Resp: 15962
Ion Ratio Lower Upper
248 100
250 186.1 76.8 115.2#
141 589.1 59.8 89.8#

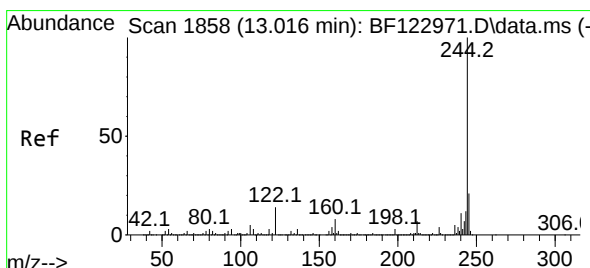
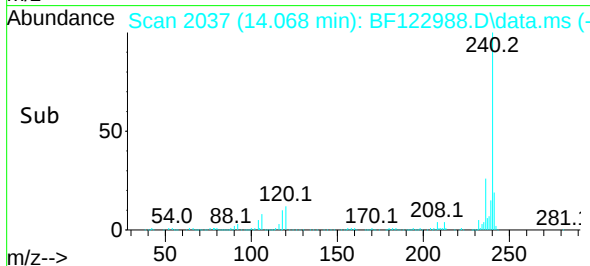
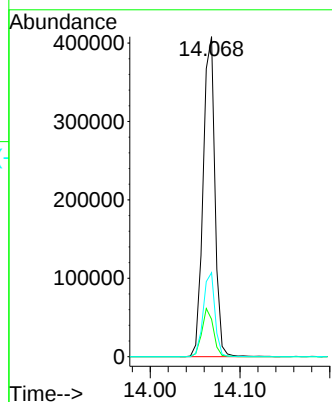
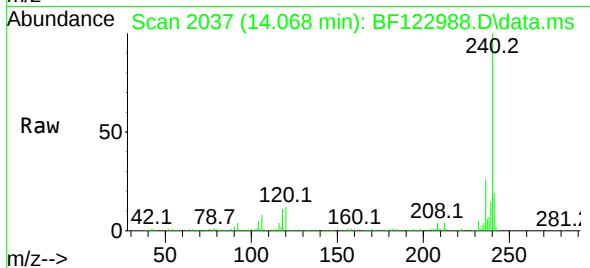




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF122988.D
Acq: 18 Jan 2021 15:00

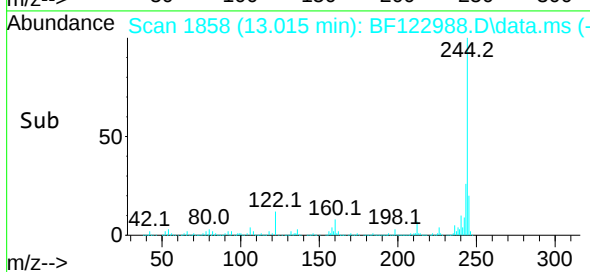
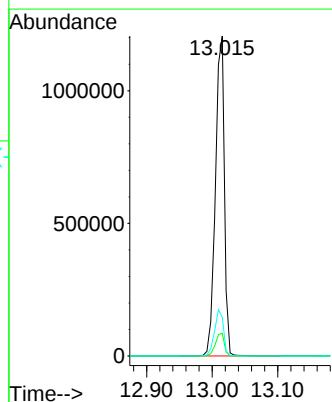
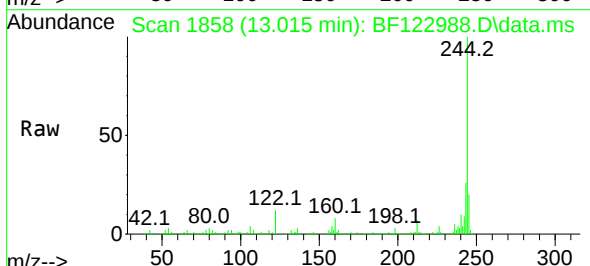
Instrument :
BNA_F
ClientSampleId :
BASIN-3

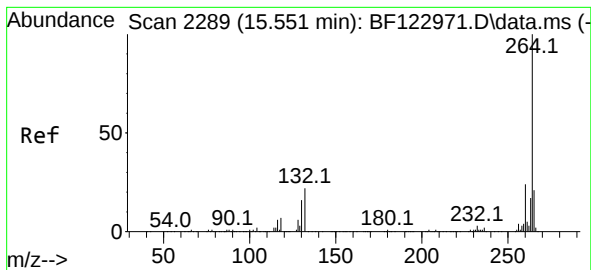
Tgt Ion:240 Resp: 372148
Ion Ratio Lower Upper
240 100
120 11.7 8.6 12.8
236 26.3 20.3 30.5



#79
Terphenyl-d14
Concen: 56.45 ng
RT: 13.015 min Scan# 1858
Delta R.T. -0.001 min
Lab File: BF122988.D
Acq: 18 Jan 2021 15:00

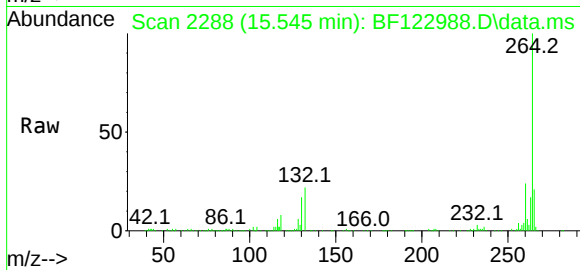
Tgt Ion:244 Resp: 1145826
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 12.1 8.3 12.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.545 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BF122988.D
Acq: 18 Jan 2021 15:00

Instrument :
BNA_F
ClientSampleId :
BASIN-3



Tgt Ion:264 Resp: 310450

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.6	28.0
265	20.6	17.0	25.6

