

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
 Data File : BF119588.D
 Acq On : 28 Mar 2020 00:59
 Operator : CG/JU
 Sample : L2033-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ZIPPER-DRAINS

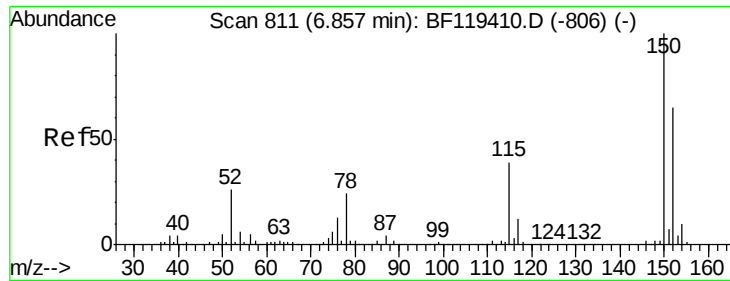
Quant Time: Mar 28 03:32:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	307235	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1110932	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	597863	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1138194	20.00	ng	0.00
76) Chrysene-d12	14.00	240	844816	20.00	ng	-0.01
87) Perylene-d12	15.46	264	713044	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	2360792	122.32	ng	0.02
7) Phenol-d6	6.46	99	2701284	109.57	ng	0.00
23) Nitrobenzene-d5	7.39	82	2042609	99.93	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	966918	156.77	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3719978	92.18	ng	0.00
79) Terphenyl-d14	12.96	244	3580211	83.03	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.98	79	1771944	95.55	ng	98
17) 2-Methylphenol	6.98	107	963296	51.87	ng	# 15
19) n-Nitroso-di-n-propylamine	7.39	70	271478	18.27	ng	# 75
20) 3+4-Methylphenols	6.98	107	950050	41.74	ng	# 8
25) Isophorone	7.39	82	2016946	48.64	ng	# 65
27) 2,4-Dimethylphenol	7.92	122	1145940	64.43	ng	# 5
32) Benzoic acid	7.92	122	1145940	100.16	ng	95
50) Dimethylphthalate	9.59	163	201558	4.75	ng	99
57) 2,4-Dinitrotoluene	9.87	165	76257	6.65	ng	# 20
67) 4-Bromophenyl-phenylether	10.67	248	58255	4.49	ng	# 1

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

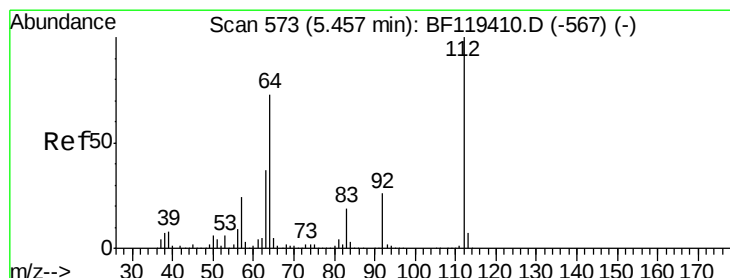
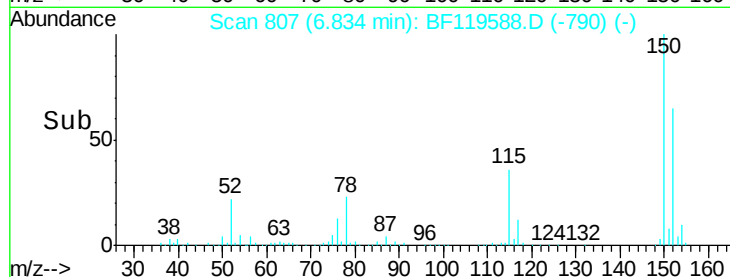
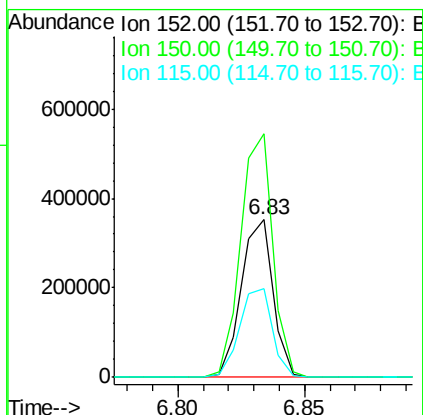
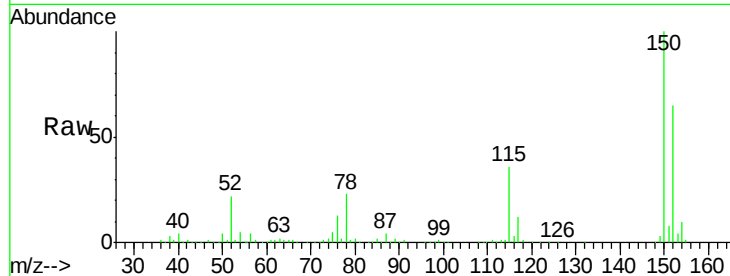


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF119588.D
Acq: 28 Mar 2020 00:59

Instrument :
BNA_F
ClientSampleId :
ZIPPER-DRAINS

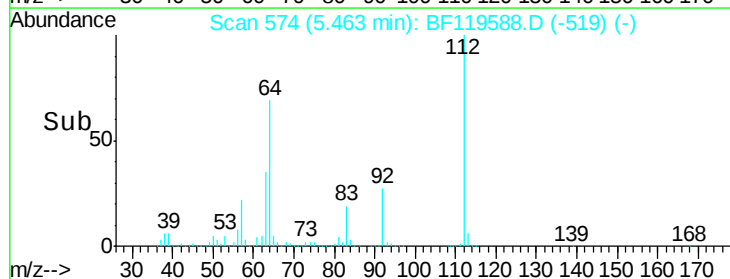
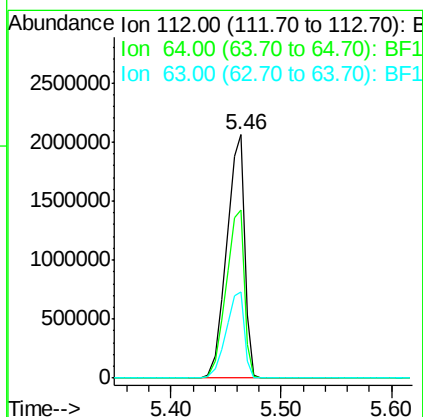
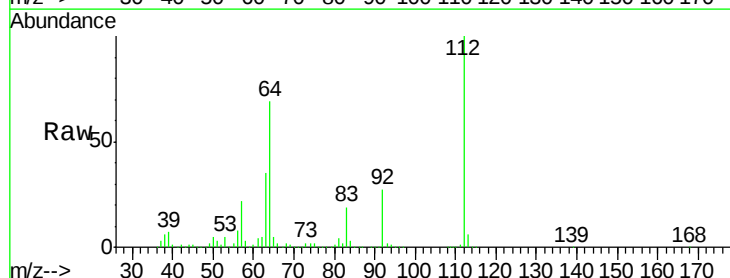
Tgt Ion:152 Resp: 307235
Ion Ratio Lower Upper
152 100
150 154.8 124.5 186.7
115 56.1 49.6 74.4

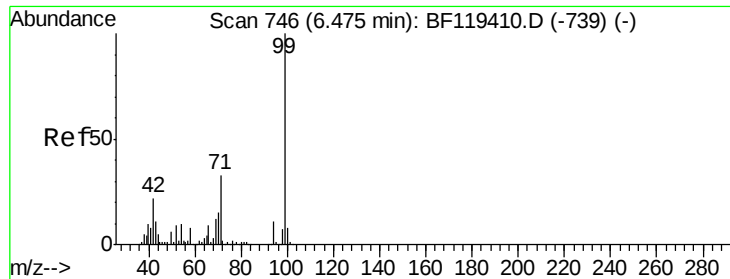


#5

2-Fluorophenol
Concen: 122.32 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.02 min
Lab File: BF119588.D
Acq: 28 Mar 2020 00:59

Tgt Ion:112 Resp: 2360792
Ion Ratio Lower Upper
112 100
64 68.9 56.7 85.1
63 35.2 29.5 44.3





#7

Phenol-d6

Concen: 109.57 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119588.D

Acq: 28 Mar 2020 00:59

Instrument :

BNA_F

ClientSampleId :

ZIPPER-DRAINS

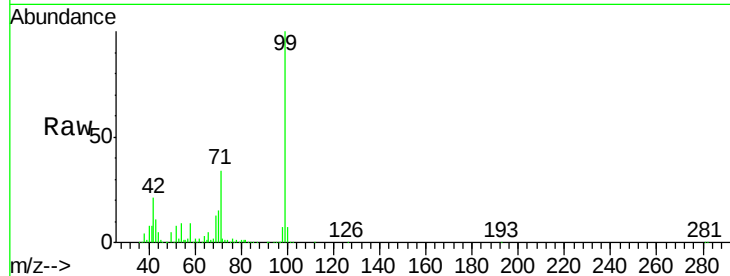
Tgt Ion: 99 Resp: 2701284

Ion Ratio Lower Upper

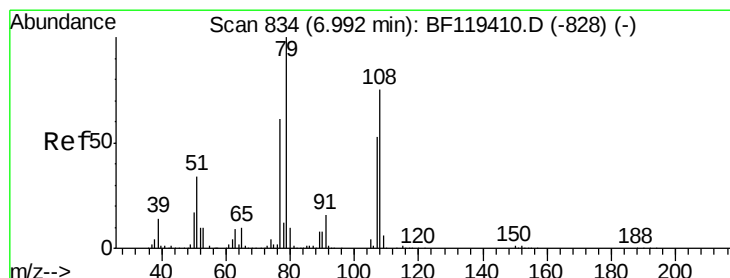
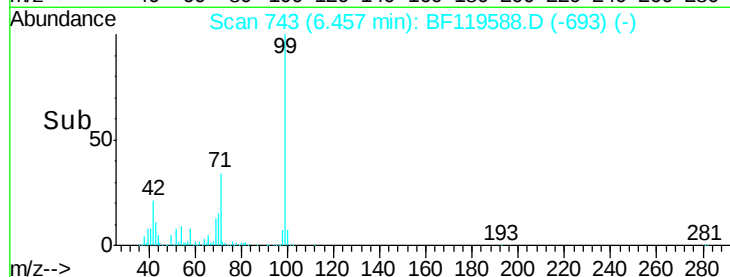
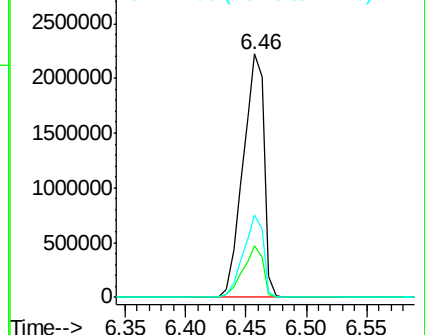
99 100

42 21.0 16.6 24.8

71 33.6 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#15

Benzyl Alcohol

Concen: 95.55 ng

RT: 6.98 min Scan# 832

Delta R.T. 0.01 min

Lab File: BF119588.D

Acq: 28 Mar 2020 00:59

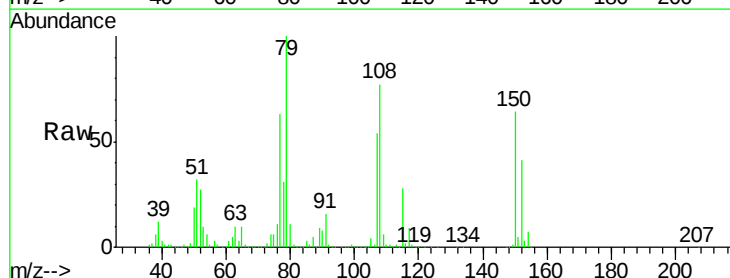
Tgt Ion: 79 Resp: 1771944

Ion Ratio Lower Upper

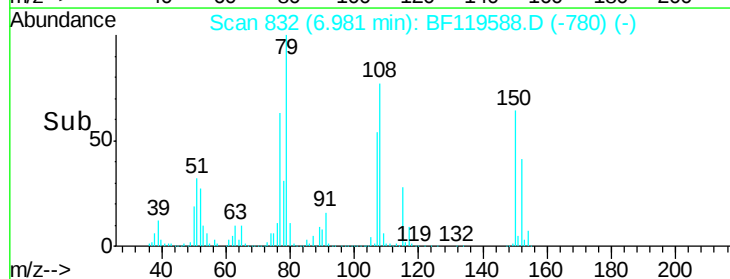
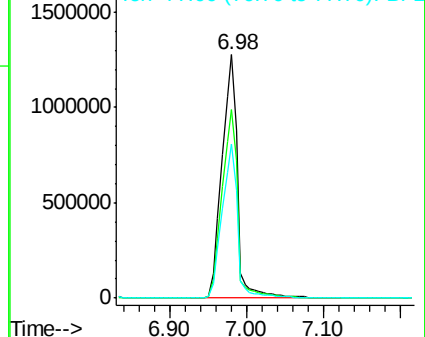
79 100

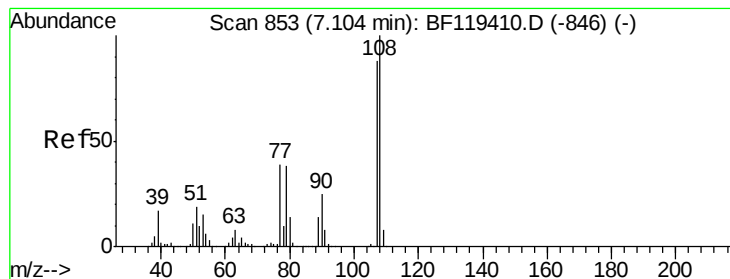
108 77.4 60.6 90.8

77 63.5 50.2 75.2



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1





#17

2-Methylphenol

Concen: 51.87 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.11 min

Lab File: BF119588.D

Acq: 28 Mar 2020 00:59

Instrument :

BNA_F

ClientSampleId :

ZIPPER-DRAINS

Tgt Ion: 107 Resp: 963296

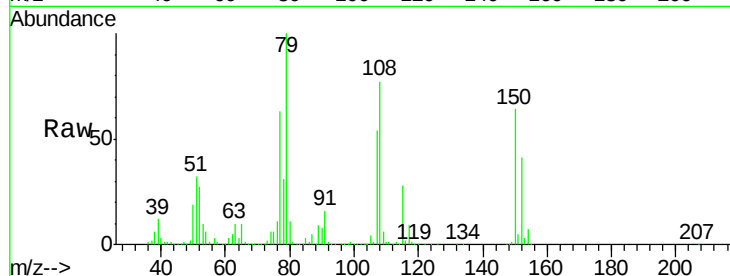
Ion Ratio Lower Upper

107 100

108 143.0 92.2 138.4#

77 117.3 36.6 54.8#

79 184.7 36.2 54.4#

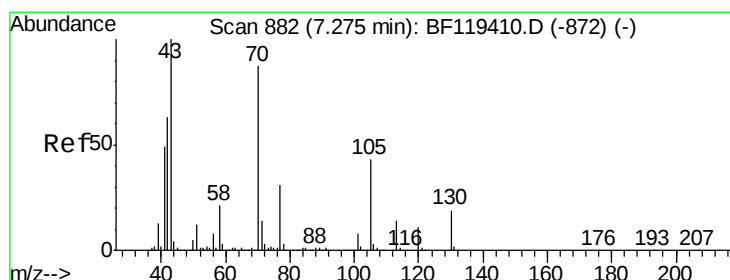
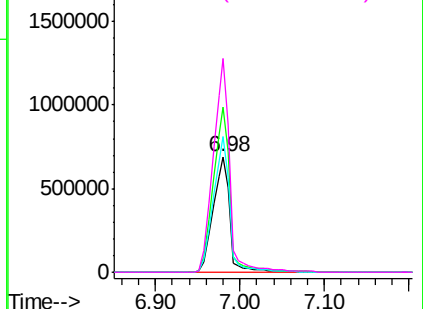
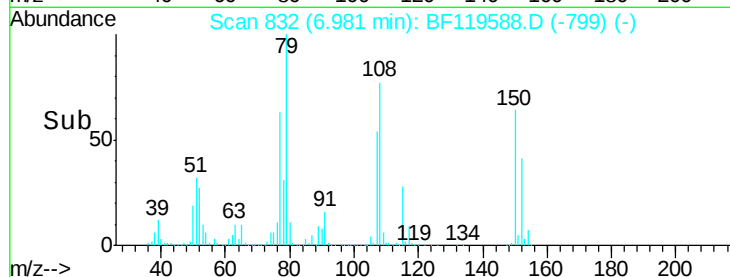


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 18.27 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.14 min

Lab File: BF119588.D

Acq: 28 Mar 2020 00:59

Tgt Ion: 70 Resp: 271478

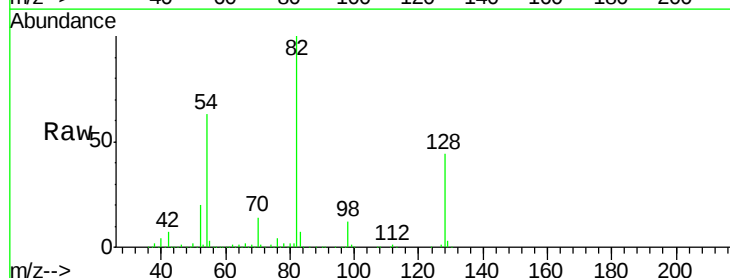
Ion Ratio Lower Upper

70 100

42 52.2 54.5 81.7#

101 0.0 7.6 11.4#

130 2.0 17.6 26.4#

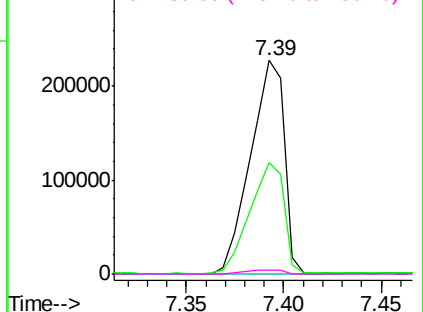
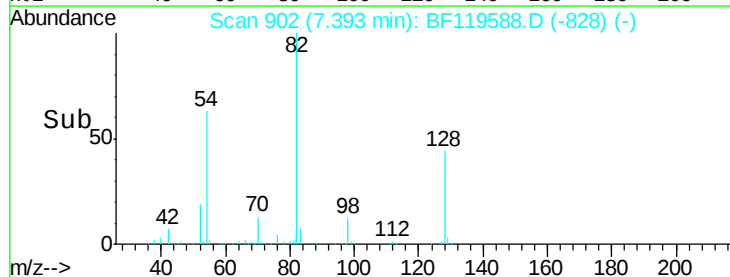


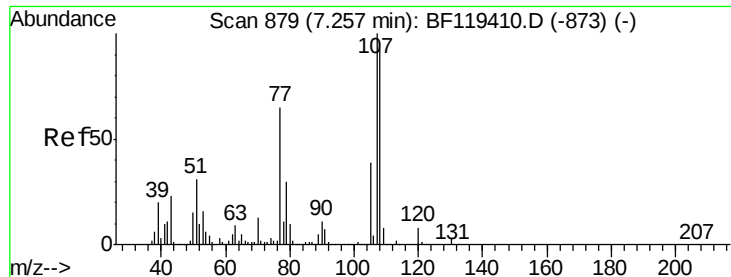
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 41.74 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.26 min

Lab File: BF119588.D

Acq: 28 Mar 2020 00:59

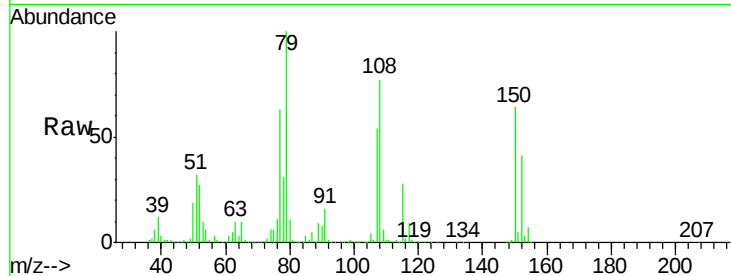
Instrument :

BNA_F

ClientSampleId :

ZIPPER-DRAINS

Tgt Ion:	107	Resp:	950050
Ion	Ratio	Lower	Upper
107	100		
108	143.0	67.9	107.9#
77	117.3	52.9	92.9#
79	184.7	7.7	47.7#

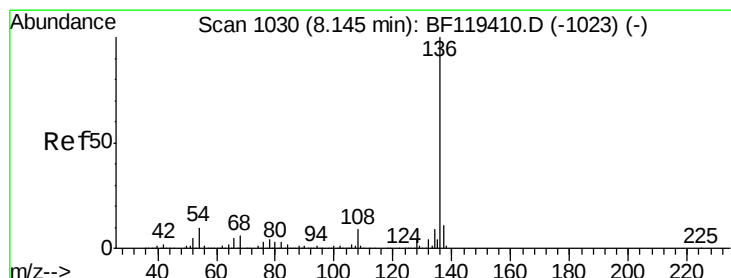
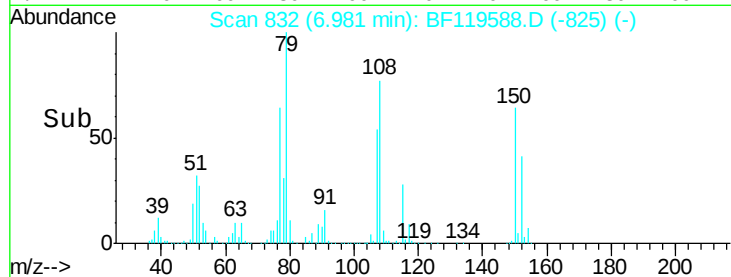
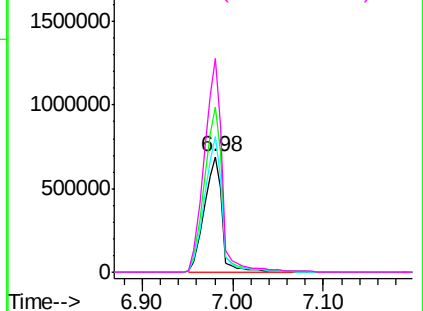


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119588.D

Acq: 28 Mar 2020 00:59

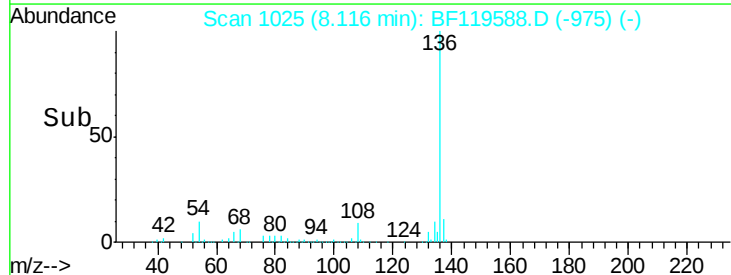
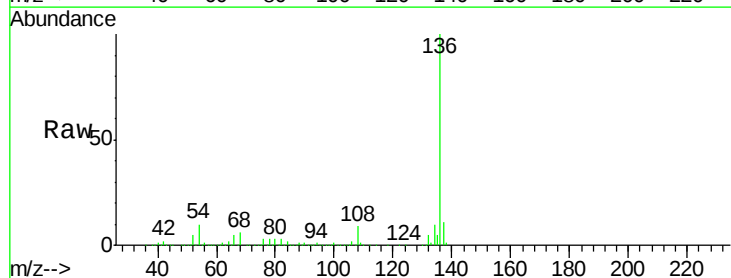
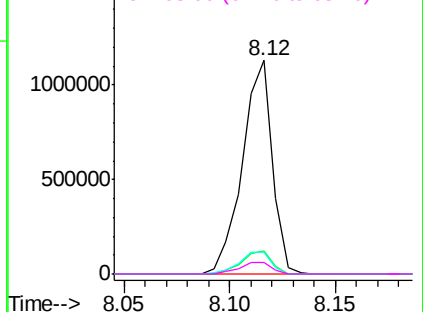
Tgt Ion:	136	Resp:	1110932
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	10.1	9.1	13.7
68	5.6	4.6	6.8

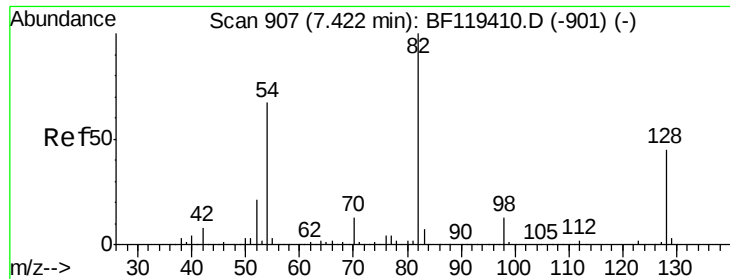
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

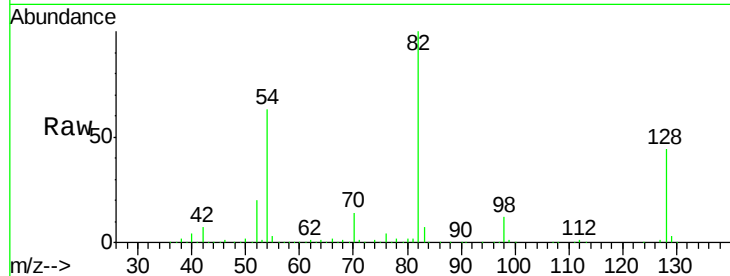




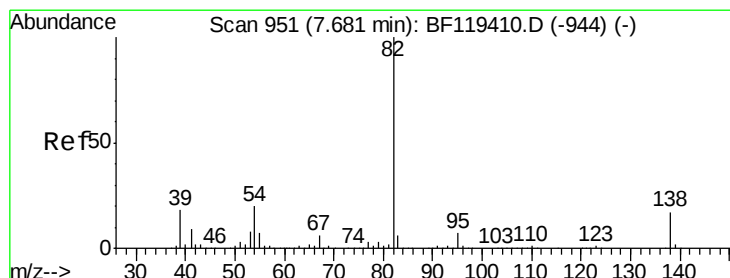
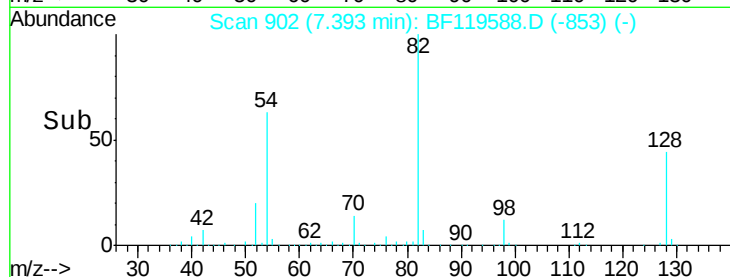
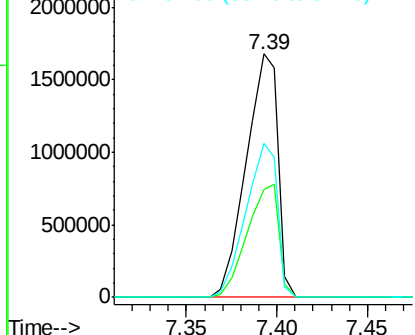
#23
 Nitrobenzene-d5
 Concen: 99.93 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF119588.D
 Acq: 28 Mar 2020 00:59

Instrument :
 BNA_F
 ClientSampleId :
 ZIPPER-DRAINS

Tgt Ion: 82 Resp: 2042609
 Ion Ratio Lower Upper
 82 100
 128 44.2 36.3 54.5
 54 63.3 50.6 75.8

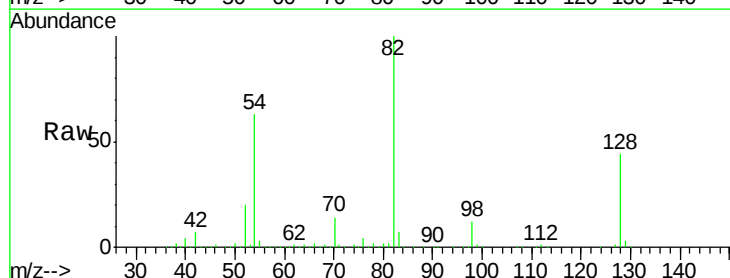


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

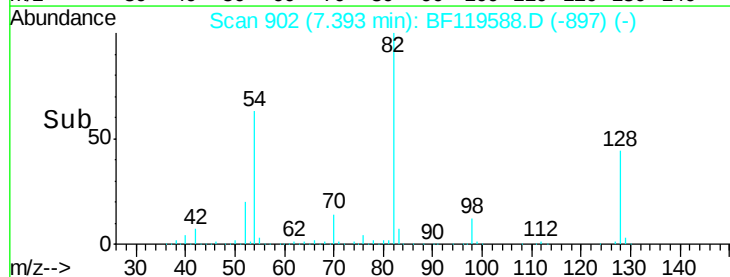
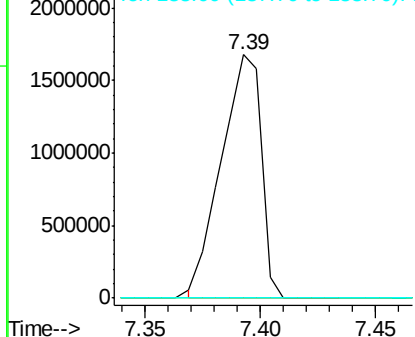


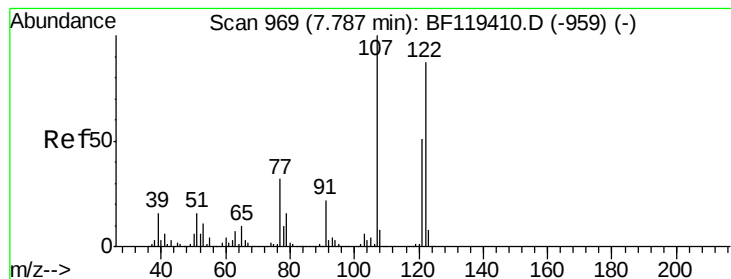
#25
 Isophorone
 Concen: 48.64 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.27 min
 Lab File: BF119588.D
 Acq: 28 Mar 2020 00:59

Tgt Ion: 82 Resp: 2016946
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.8 8.6#
 138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1





#27

2,4-Dimethylphenol

Concen: 64.43 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.15 min

Lab File: BF119588.D

Acq: 28 Mar 2020 00:59

Instrument :

BNA_F

ClientSampleId :

ZIPPER-DRAINS

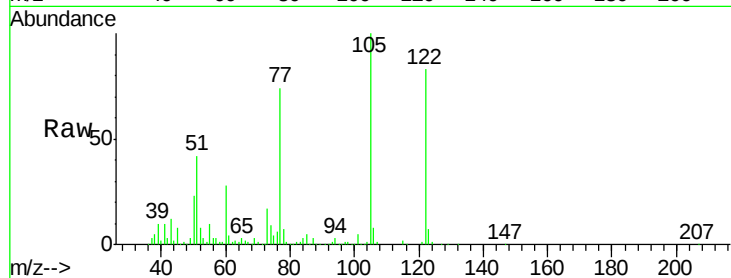
Tgt Ion:122 Resp: 1145940

Ion Ratio Lower Upper

122 100

107 0.6 89.0 133.6#

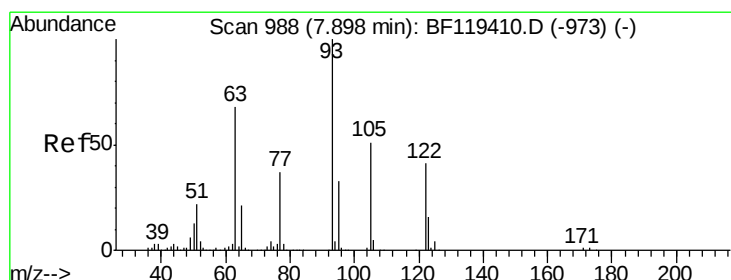
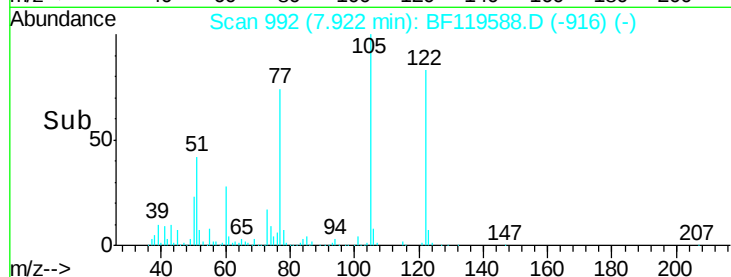
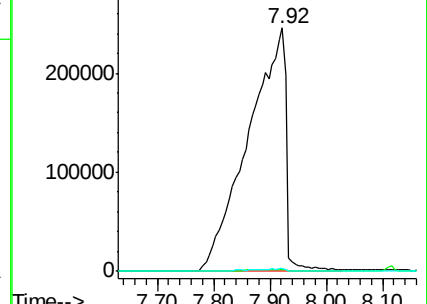
121 1.0 46.7 70.1#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#32

Benzoic acid

Concen: 100.16 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.02 min

Lab File: BF119588.D

Acq: 28 Mar 2020 00:59

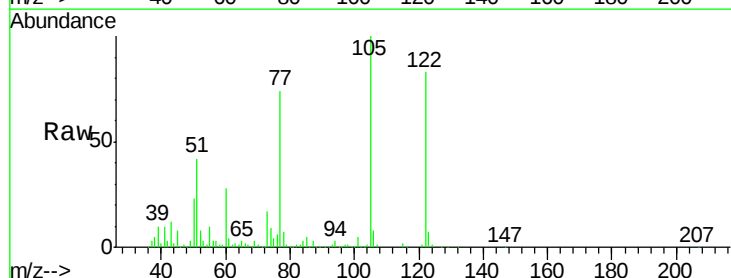
Tgt Ion:122 Resp: 1145940

Ion Ratio Lower Upper

122 100

105 119.9 104.9 144.9

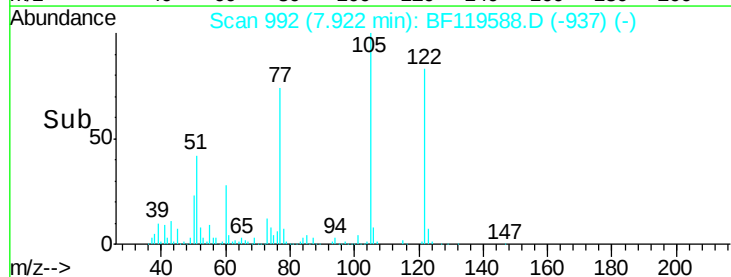
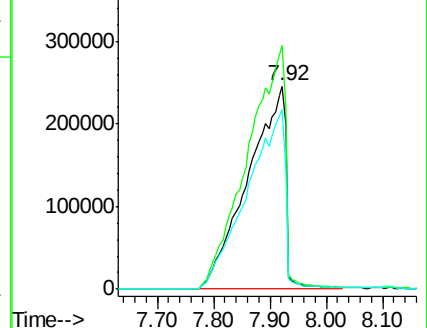
77 88.5 74.4 114.4

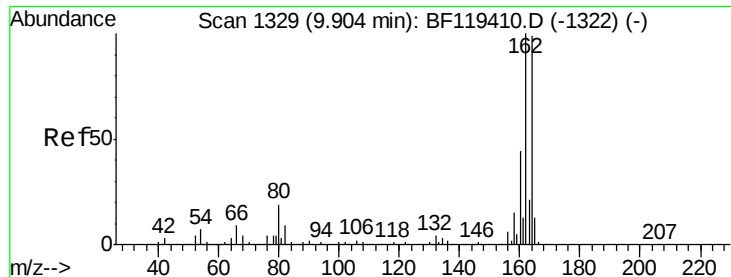


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

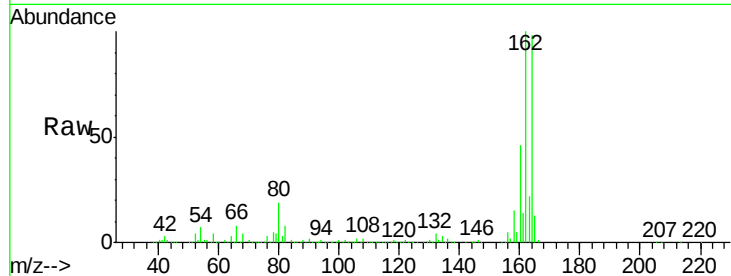




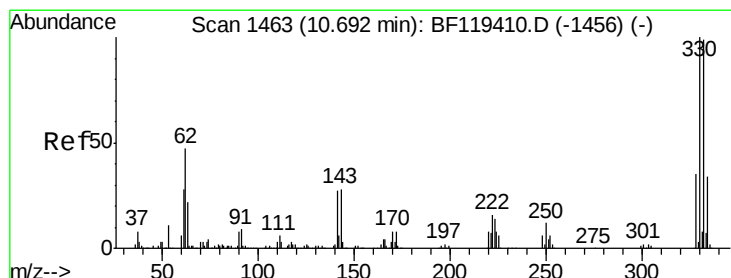
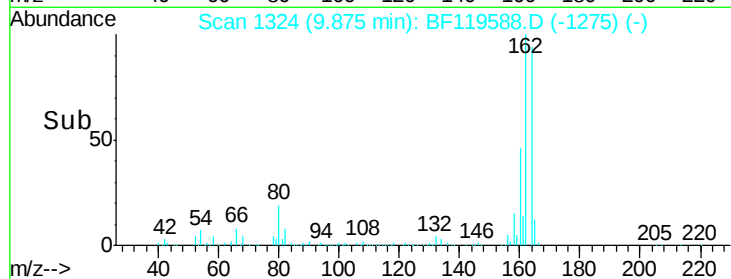
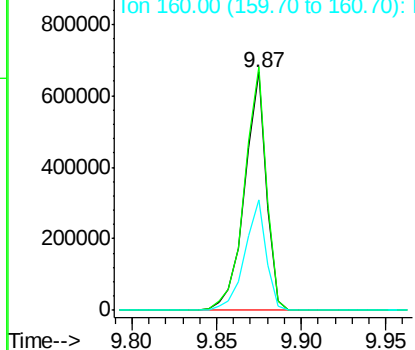
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF119588.D
Acq: 28 Mar 2020 00:59

Instrument :
BNA_F
ClientSampleId :
ZIPPER-DRAINS

Tgt Ion:164 Resp: 597863
Ion Ratio Lower Upper
164 100
162 102.2 80.6 121.0
160 46.5 35.7 53.5

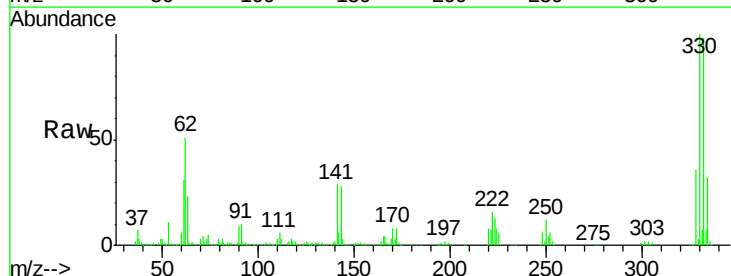


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

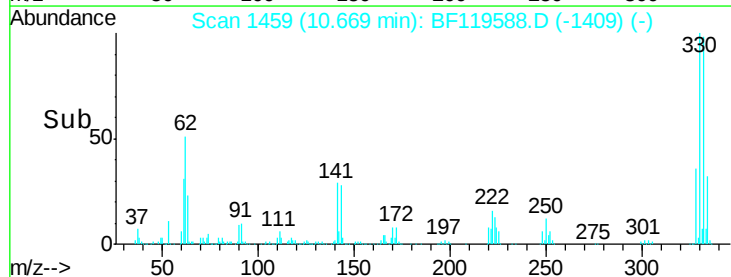
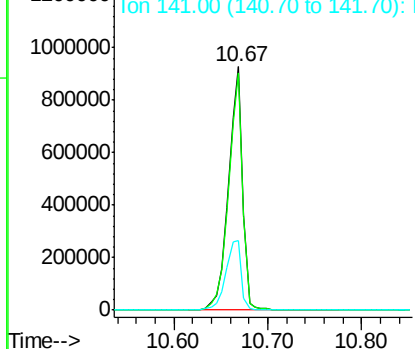


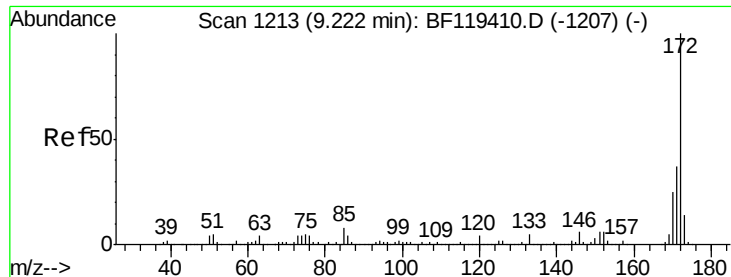
#42
2,4,6-Tribromophenol
Concen: 156.77 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF119588.D
Acq: 28 Mar 2020 00:59

Tgt Ion:330 Resp: 966918
Ion Ratio Lower Upper
330 100
332 97.3 75.7 113.5
141 31.5 25.4 38.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

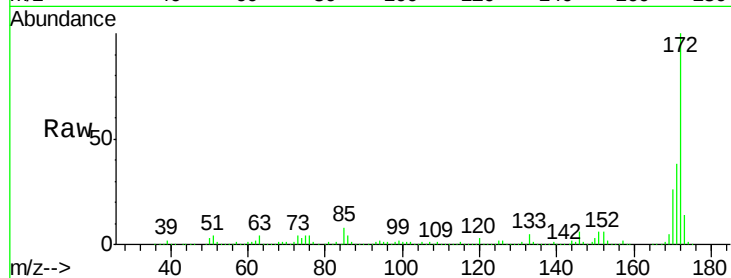




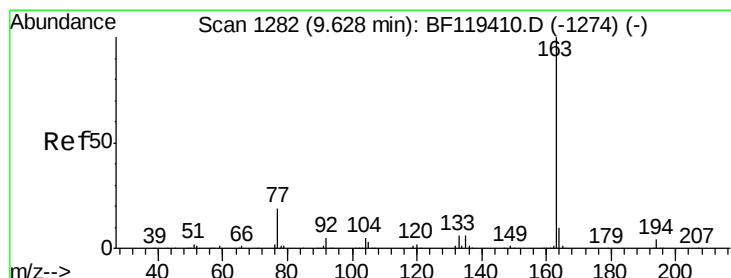
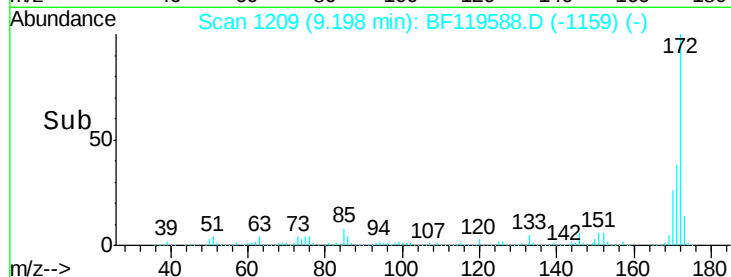
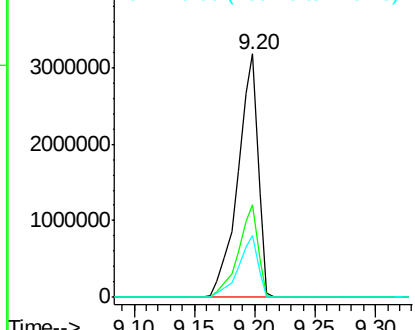
#45
2-Fluorobiphenyl
Concen: 92.18 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF119588.D
Acq: 28 Mar 2020 00:59

Instrument :
BNA_F
ClientSampleId :
ZIPPER-DRAINS

Tgt Ion:172 Resp: 3719978
Ion Ratio Lower Upper
172 100
171 37.9 29.6 44.4
170 25.6 20.2 30.2

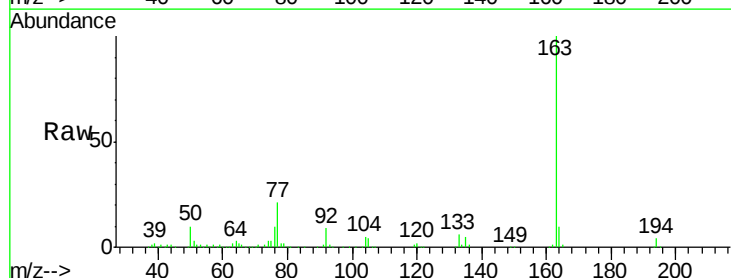


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

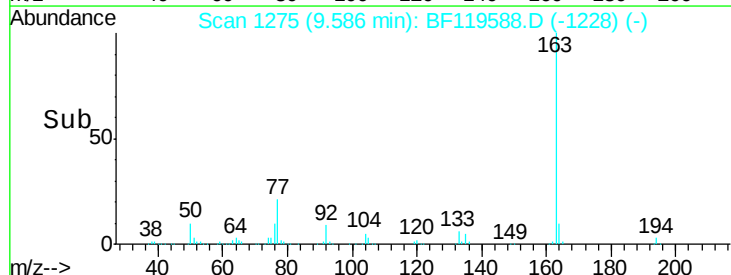
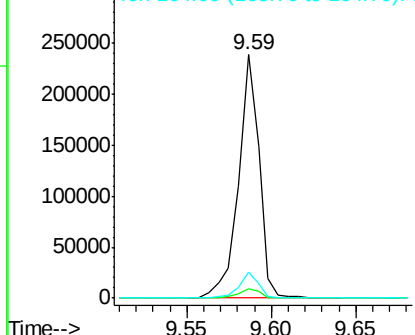


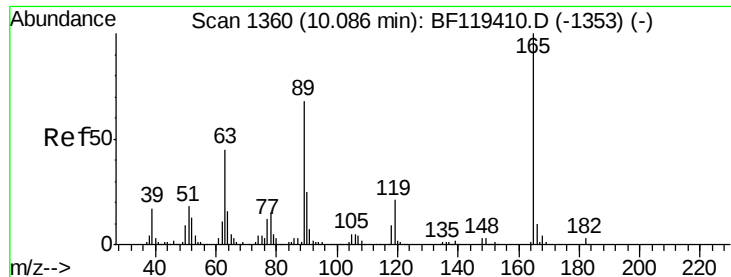
#50
Dimethylphthalate
Concen: 4.75 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF119588.D
Acq: 28 Mar 2020 00:59

Tgt Ion:163 Resp: 201558
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 10.5 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

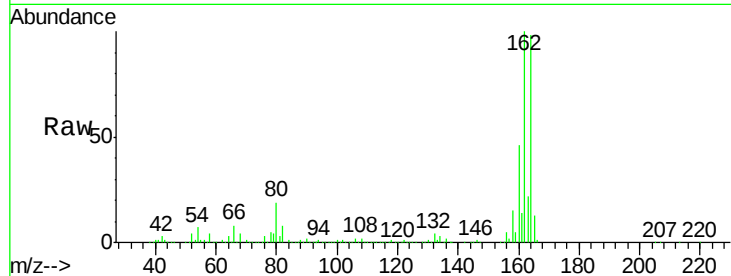




#57
 2,4-Dinitrotoluene
 Concen: 6.65 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.19 min
 Lab File: BF119588.D
 Acq: 28 Mar 2020 00:59

Instrument :
 BNA_F
 ClientSampleId :
 ZIPPER-DRAINS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	42.6	64.0#
89	1.5	61.0	91.4#
182	0.0	2.2	3.2#

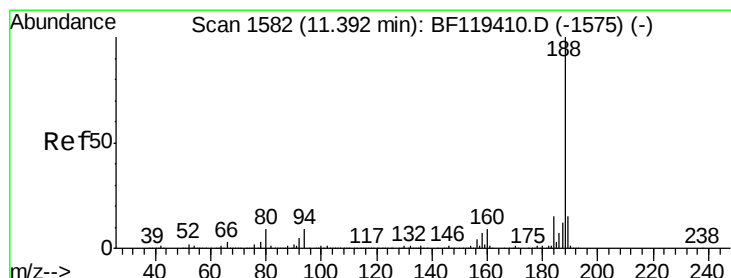
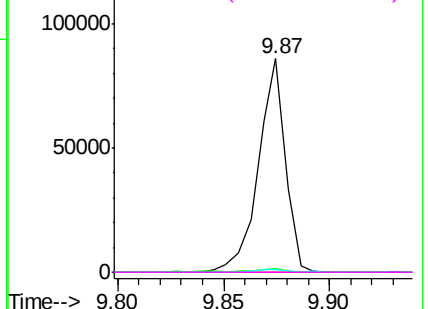
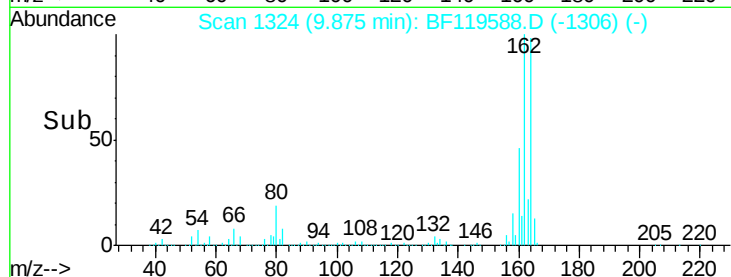


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

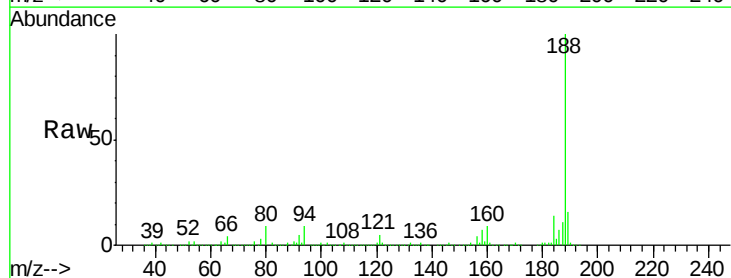
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF119588.D
 Acq: 28 Mar 2020 00:59

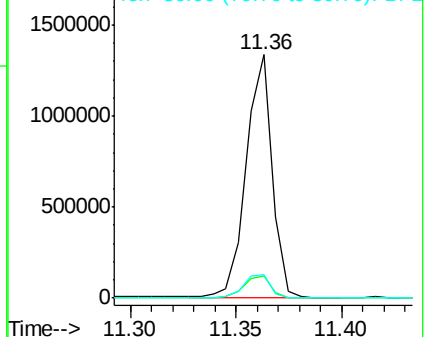
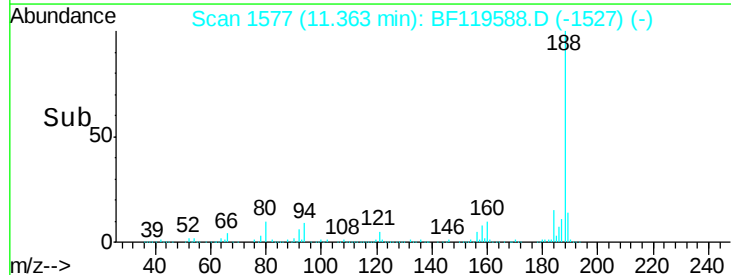
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.5	11.3
80	9.4	9.0	13.4

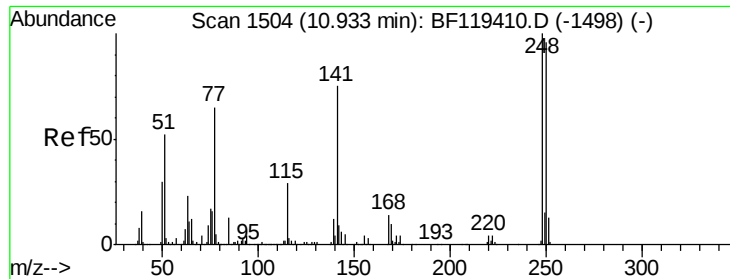


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

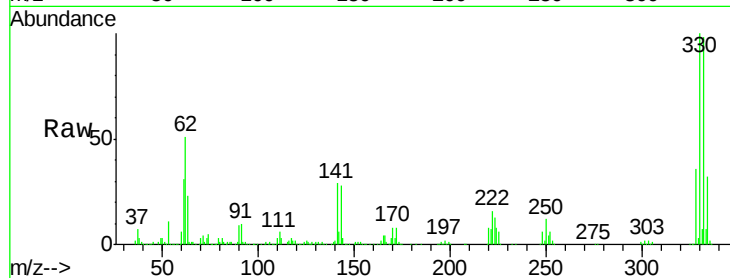




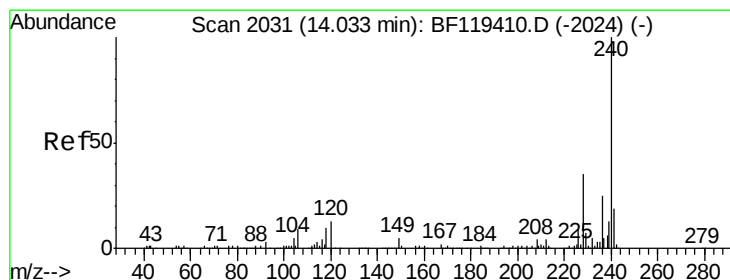
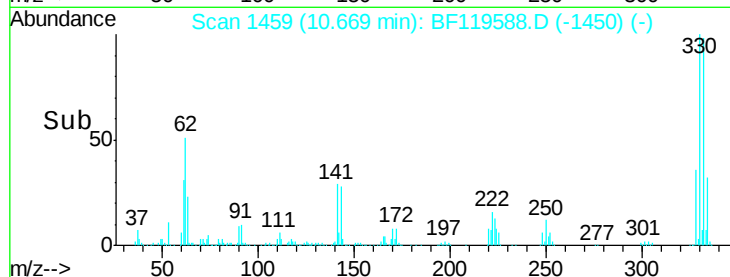
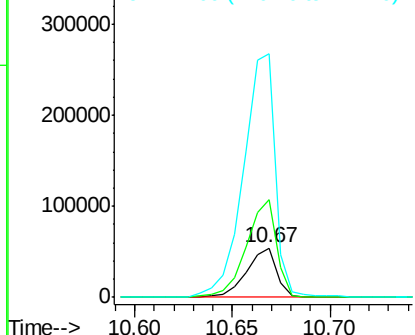
#67
 4-Bromophenyl-phenylether
 Concen: 4.49 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.25 min
 Lab File: BF119588.D
 Acq: 28 Mar 2020 00:59

Instrument :
 BNA_F
 ClientSampleId :
 ZIPPER-DRAINS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	199.2	77.3	115.9#
141	495.1	58.6	87.8#

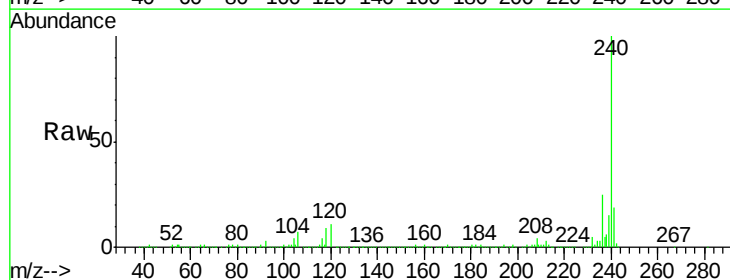


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

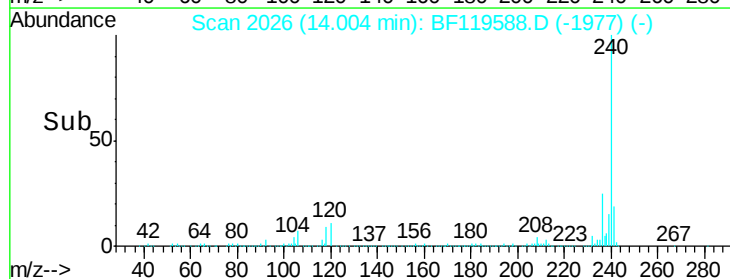
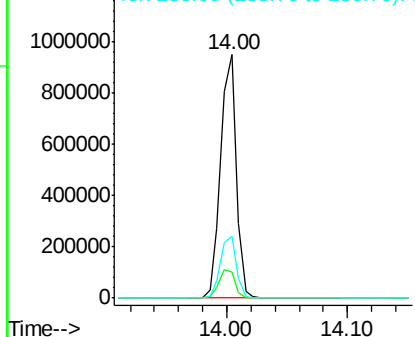


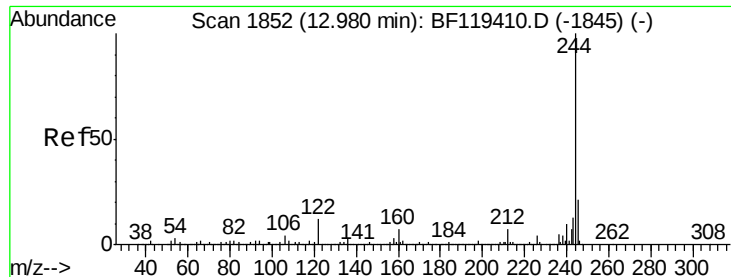
#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF119588.D
 Acq: 28 Mar 2020 00:59

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.6	10.6	15.8
236	25.5	20.2	30.2



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 83.03 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF119588.D

Acq: 28 Mar 2020 00:59

Instrument :

BNA_F

ClientSampleId :

ZIPPER-DRAINS

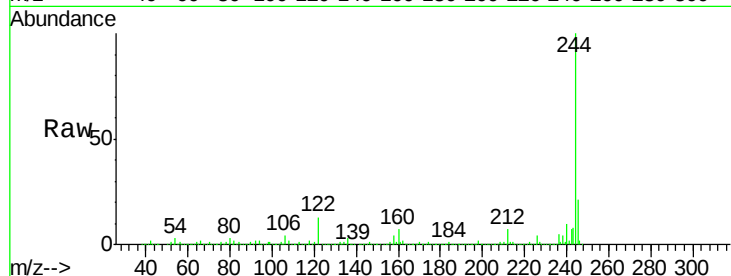
Tgt Ion:244 Resp: 3580211

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

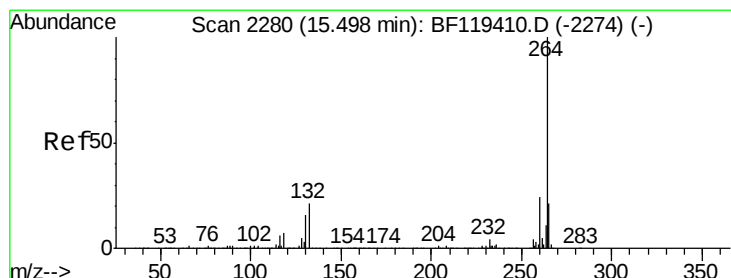
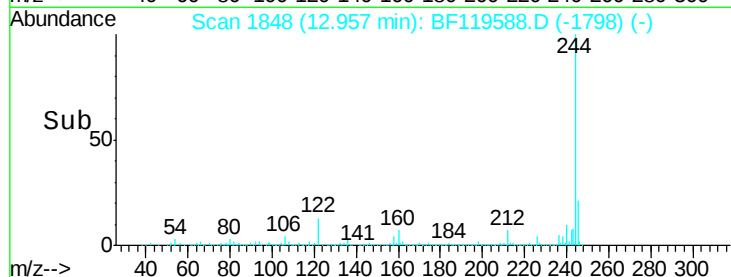
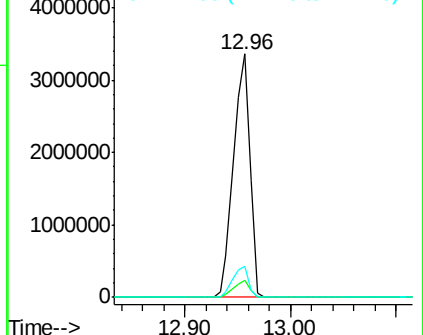
122 12.8 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.00 ng

RT: 15.46 min Scan# 2274

Delta R.T. -0.02 min

Lab File: BF119588.D

Acq: 28 Mar 2020 00:59

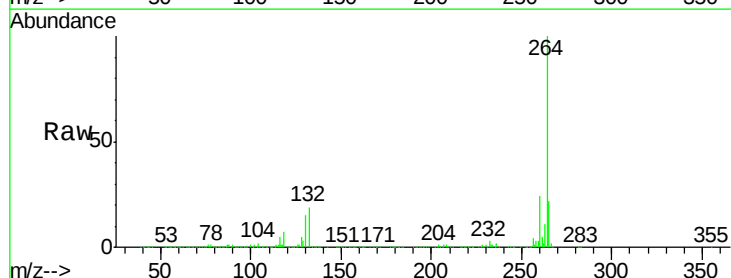
Tgt Ion:264 Resp: 713044

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 21.6 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

