

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062520\
 Data File : BF120702.D
 Acq On : 25 Jun 2020 14:33
 Operator : JU/CG
 Sample : L3099-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUCT-BANK

Quant Time: Jun 25 15:39:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

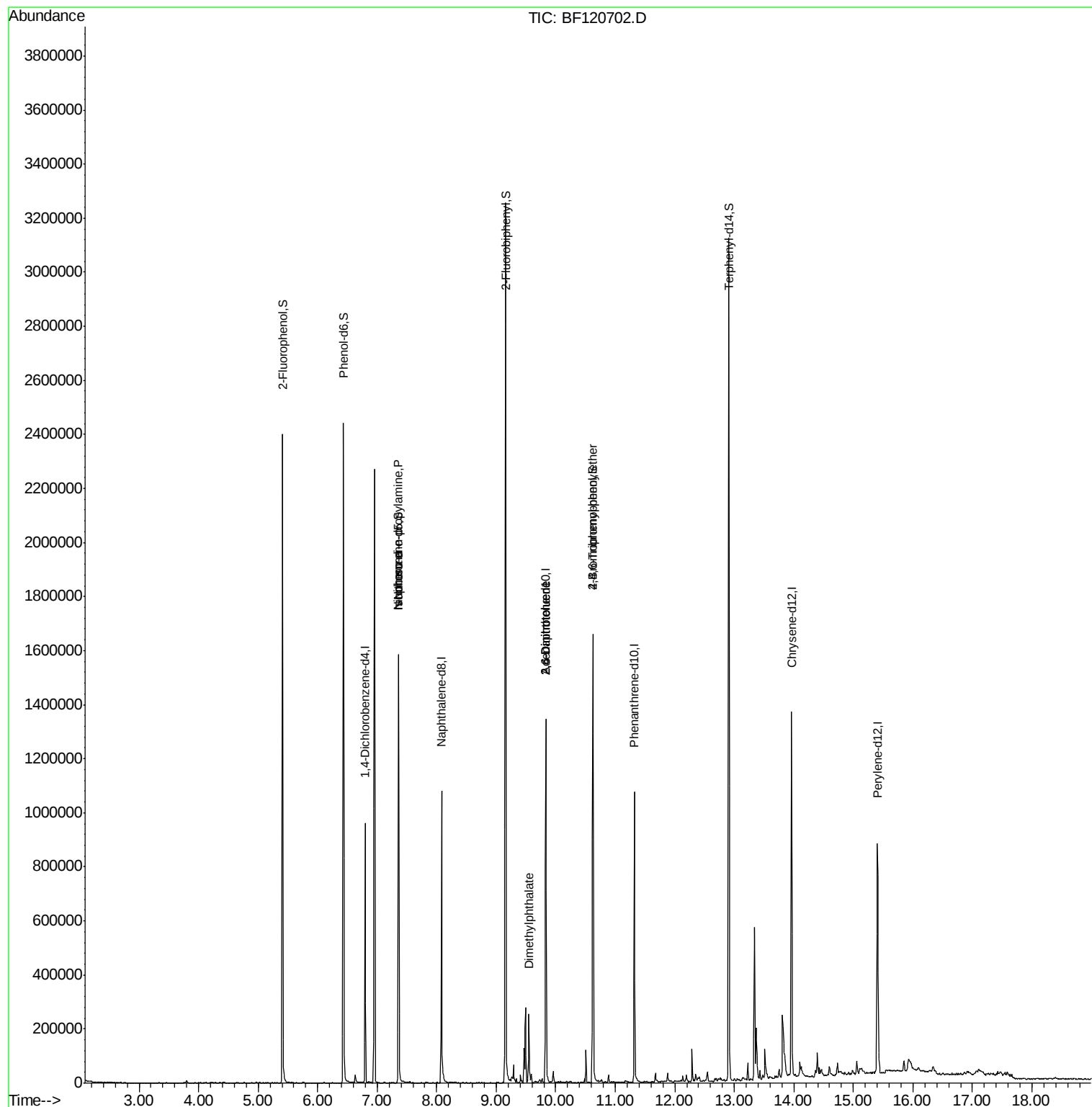
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	139327	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	513113	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	263840	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	445427	20.00	ng	0.00
76) Chrysene-d12	13.96	240	468613	20.00	ng	0.00
86) Perylene-d12	15.40	264	395225	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	696061	85.65	ng	0.00
7) Phenol-d6	6.43	99	836379	82.63	ng	0.00
23) Nitrobenzene-d5	7.36	82	546757	59.56	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	229853	74.93	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1081840	62.74	ng	0.00
79) Terphenyl-d14	12.91	244	1179965	55.62	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	71408	12.162	ng	# 79
25) Isophorone	7.36	82	546750	30.576	ng	# 62
50) Dimethylphthalate	9.55	163	111601	5.873	ng	98
51) 2,6-Dinitrotoluene	9.83	165	34079	7.914	ng	# 27
57) 2,4-Dinitrotoluene	9.83	165	34079	5.964	ng	# 29
67) 4-Bromophenyl-phenylether	10.62	248	13473	2.665	ng	# 1

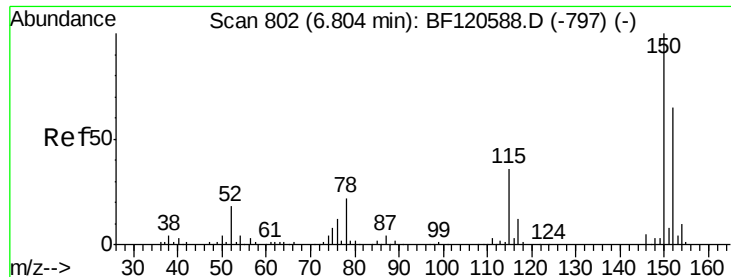
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062520\
Data File : BF120702.D
Acq On : 25 Jun 2020 14:33
Operator : JU/CG
Sample : L3099-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK

Quant Time: Jun 25 15:39:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 11:28:22 2020
Response via : Initial Calibration



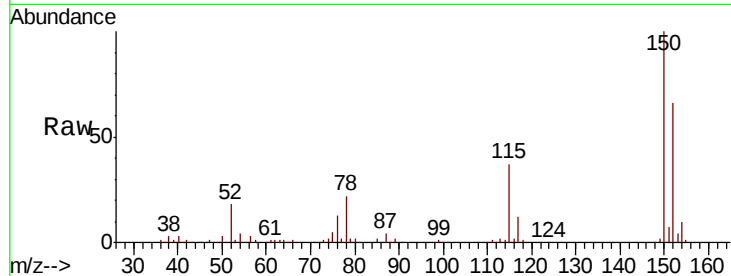


#1

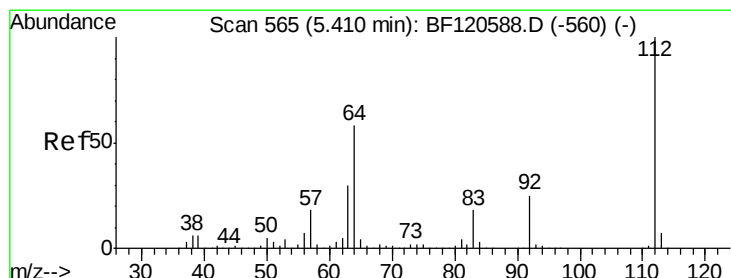
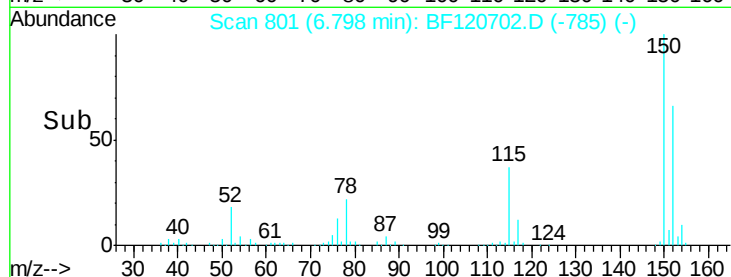
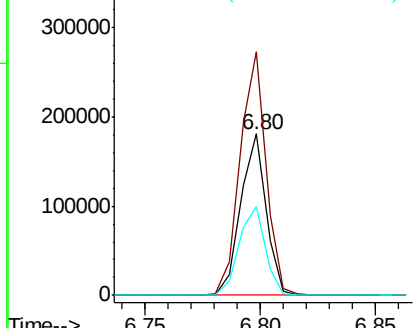
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120702.D
Acq: 25 Jun 2020 14:33

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.0	123.2	184.8
115	55.3	43.9	65.9



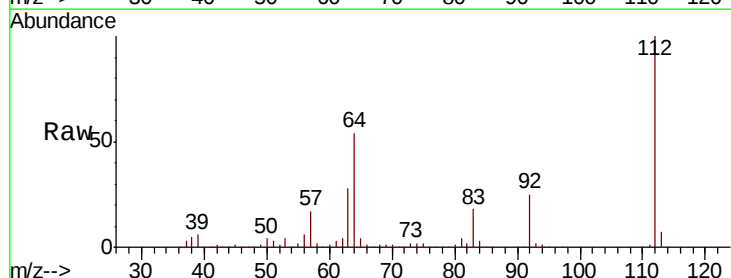
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



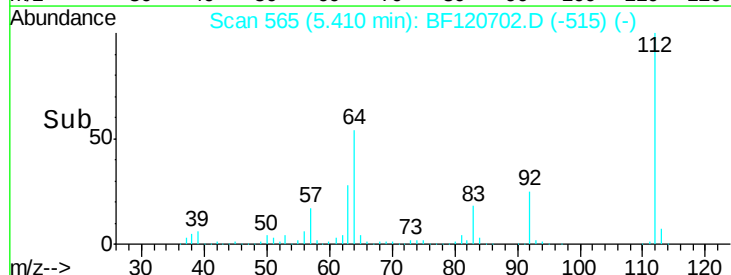
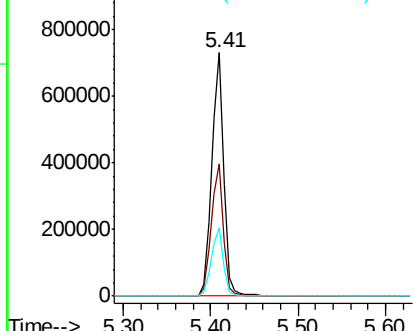
#5

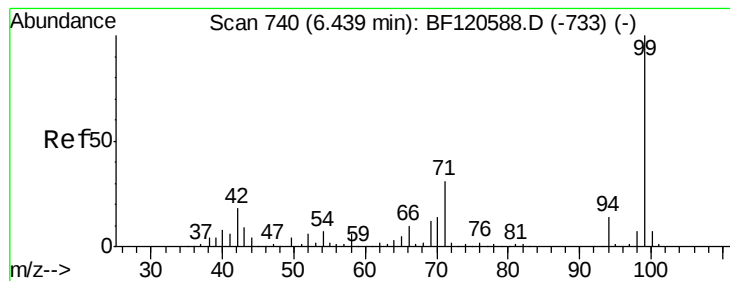
2-Fluorophenol
Concen: 85.652 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF120702.D
Acq: 25 Jun 2020 14:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	46.1	69.1
63	27.9	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 82.632 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120702.D

Acq: 25 Jun 2020 14:33

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK

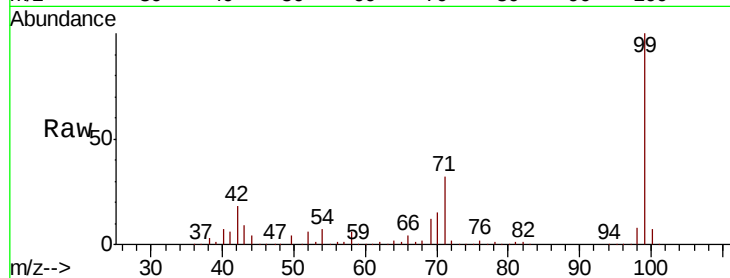
Tot Ion: 99 Resp: 836379

Ion Ratio Lower Upper

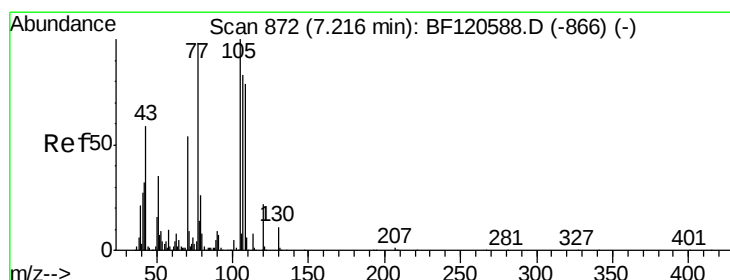
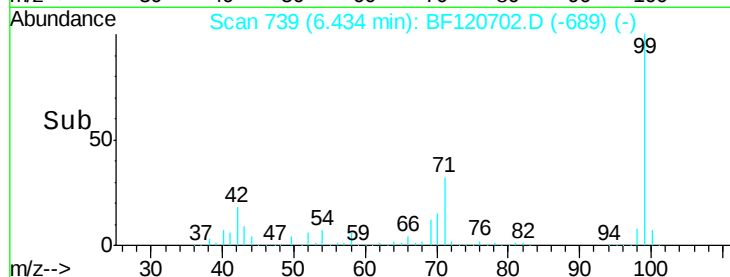
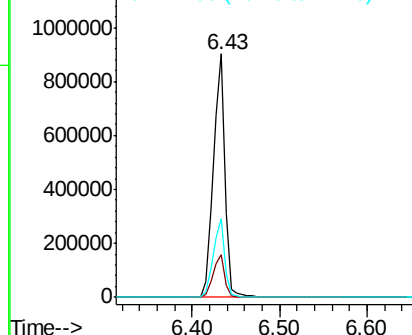
99 100

42 17.7 14.0 21.0

71 32.2 24.9 37.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.162 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF120702.D

Acq: 25 Jun 2020 14:33

Tgt Ion: 70 Resp: 71408

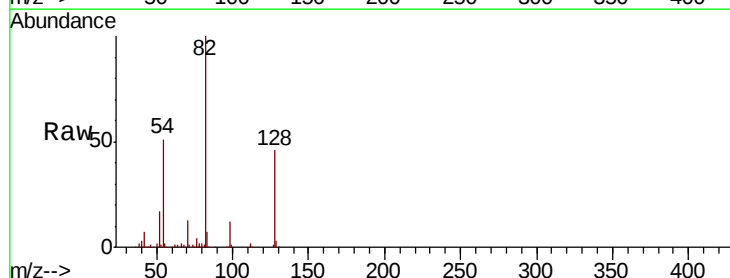
Ion Ratio Lower Upper

70 100

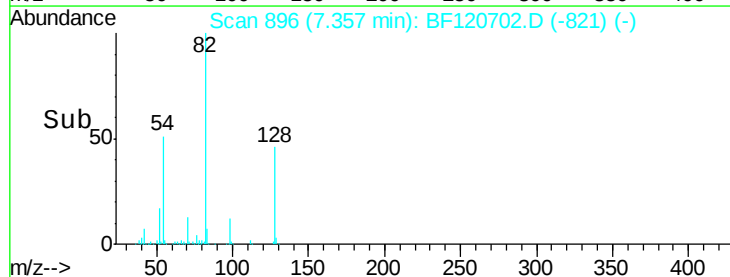
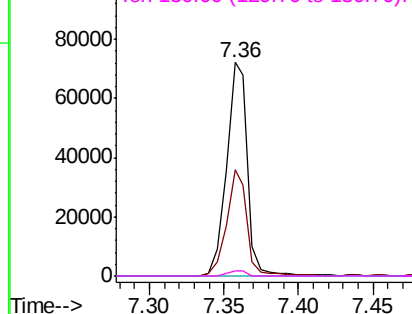
42 49.5 47.7 71.5

101 0.0 7.6 11.4#

130 2.2 16.7 25.1#



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): BF1
Ion 130.00 (129.70 to 130.70): BF1

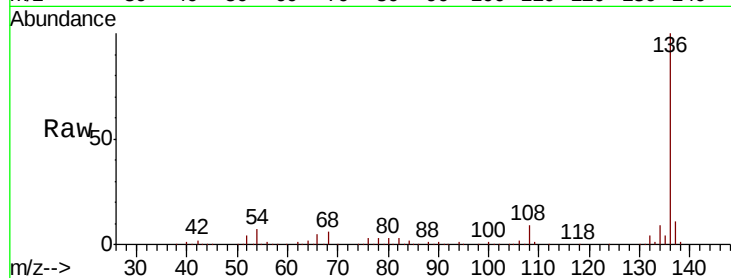




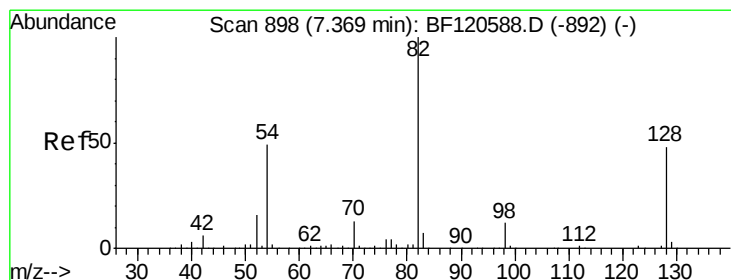
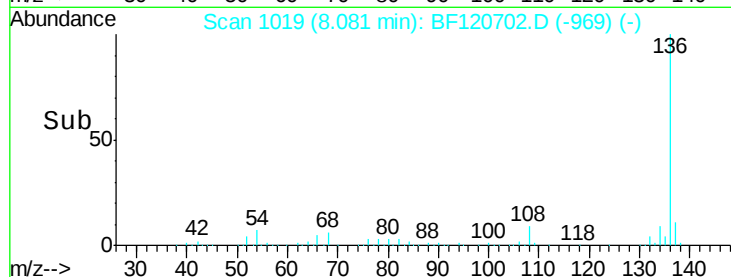
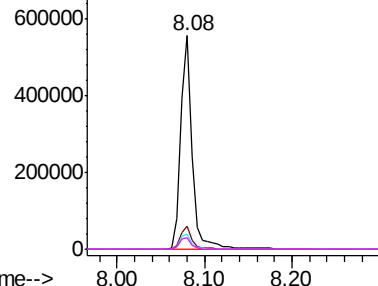
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF120702.D
Acq: 25 Jun 2020 14:33

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK

Tot Ion:136 Resp: 513113
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 6.9 5.8 8.6
68 5.6 4.4 6.6

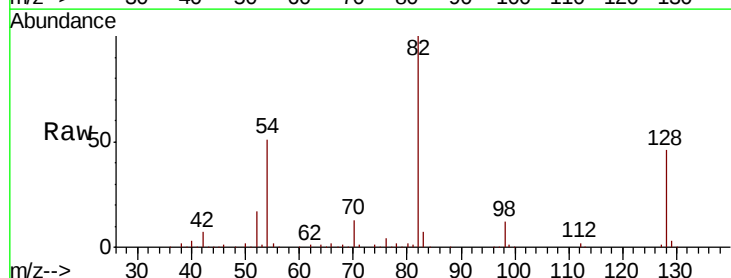


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

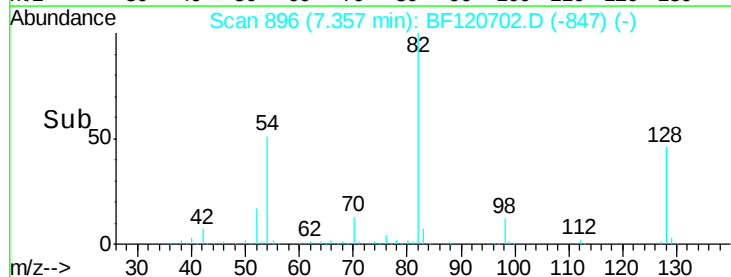
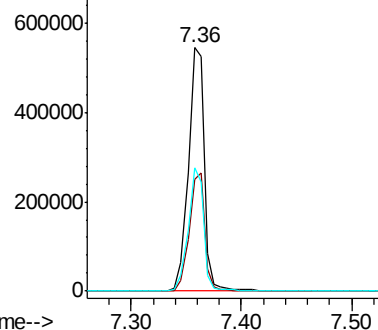


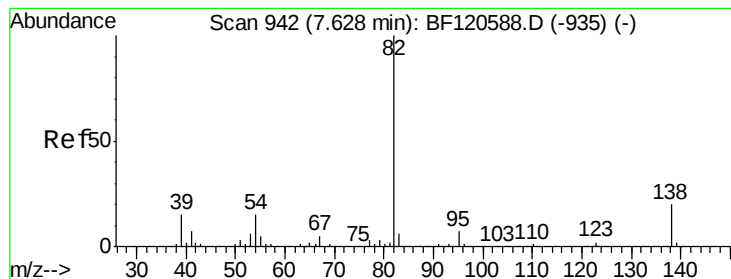
#23
Nitrobenzene-d5
Concen: 59.562 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF120702.D
Acq: 25 Jun 2020 14:33

Tgt Ion: 82 Resp: 546757
Ion Ratio Lower Upper
82 100
128 46.1 38.0 57.0
54 50.6 38.8 58.2



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





#25

Isophorone

Concen: 30.576 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.27 min

Lab File: BF120702.D

Acq: 25 Jun 2020 14:33

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK

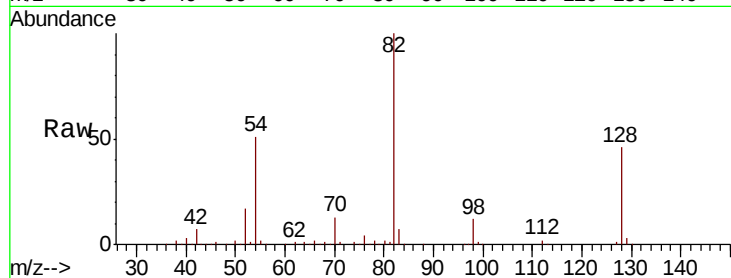
Tot Ion: 82 Resp: 546750

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

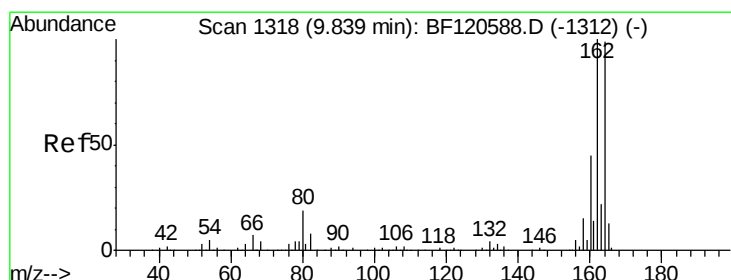
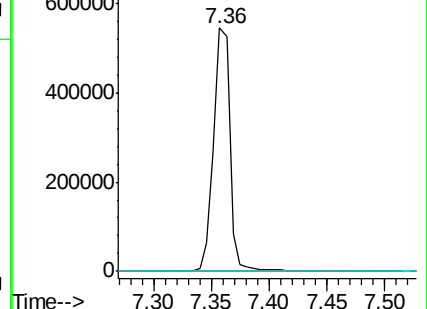
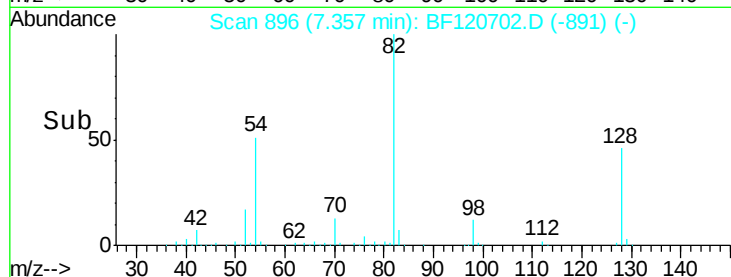
138 0.0 16.2 24.4#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF120702.D

Acq: 25 Jun 2020 14:33

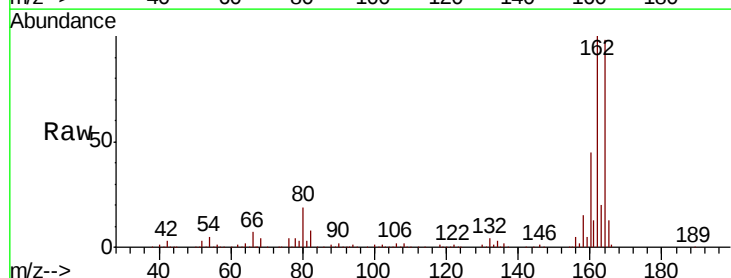
Tgt Ion: 164 Resp: 263840

Ion Ratio Lower Upper

164 100

162 102.4 80.6 120.8

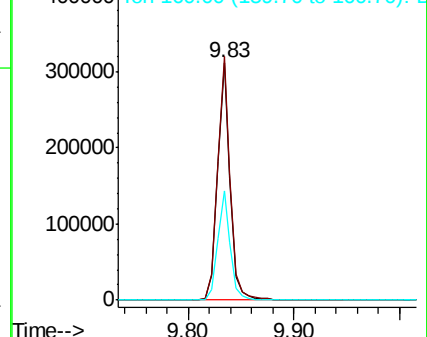
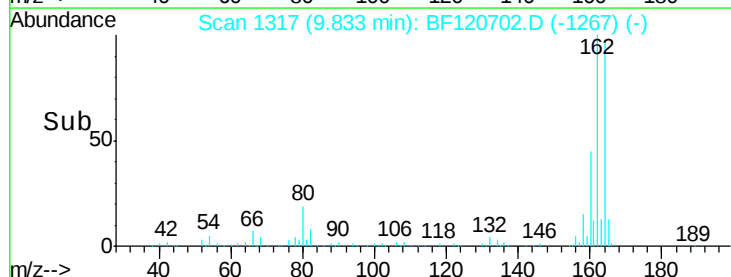
160 45.9 36.2 54.2

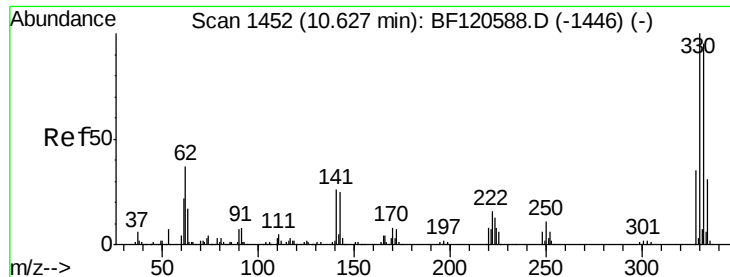


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

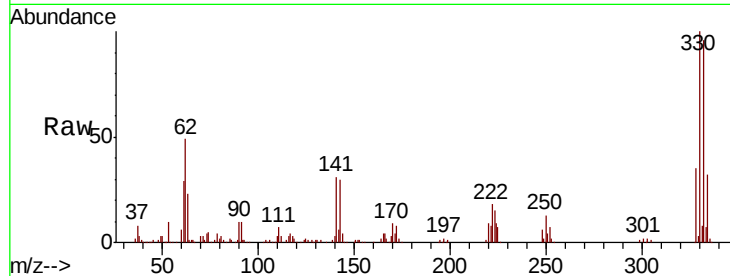




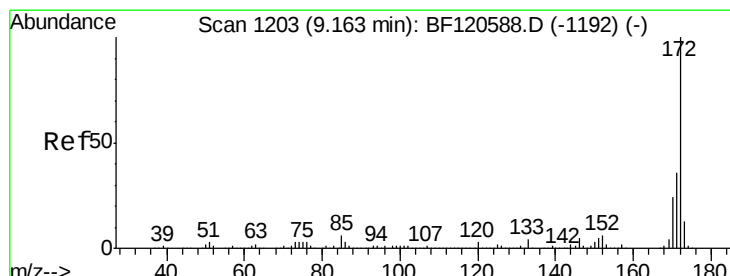
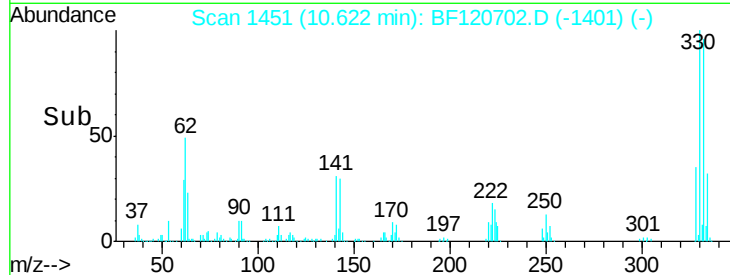
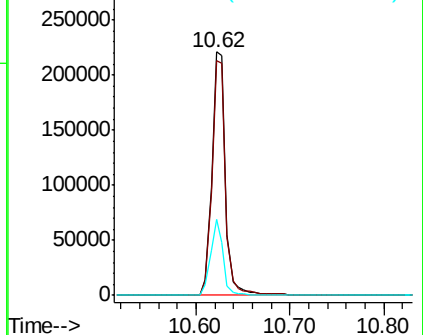
#42
 2,4,6-Tribromophenol
 Concen: 74.932 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF120702.D
 Acq: 25 Jun 2020 14:33

Instrument :
 BNA_F
 ClientSampleId :
 DUCT-BANK

Tot Ion:330 Resp: 229853
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.8 115.2
 141 28.6 23.2 34.8

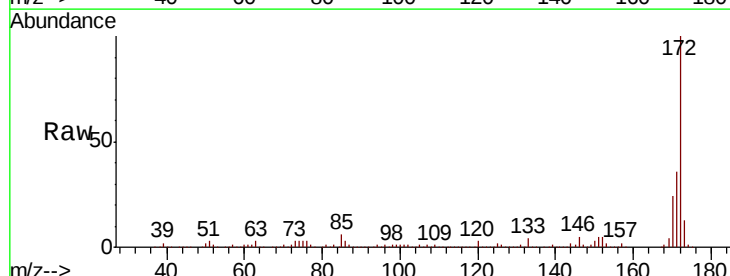


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

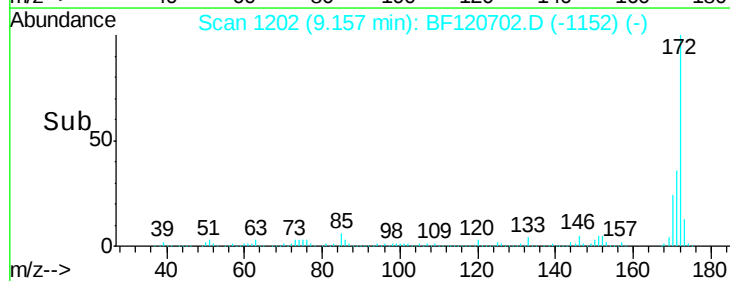
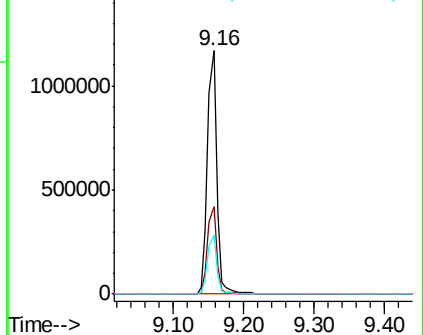


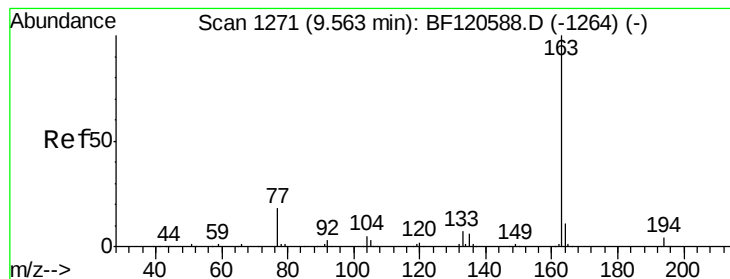
#45
 2-Fluorobiphenyl
 Concen: 62.735 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF120702.D
 Acq: 25 Jun 2020 14:33

Tgt Ion:172 Resp: 1081840
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.0 43.4
 170 24.2 19.4 29.2



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: 5.873 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF120702.D

Acq: 25 Jun 2020 14:33

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK

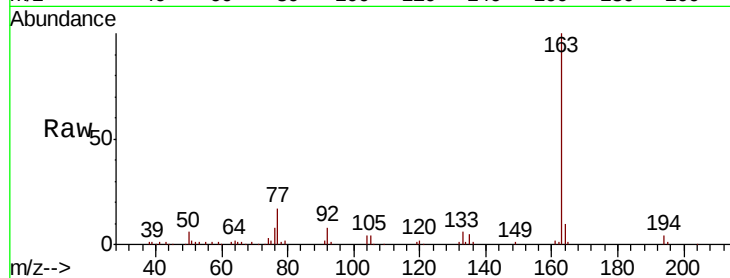
Tot Ion:163 Resp: 111601

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

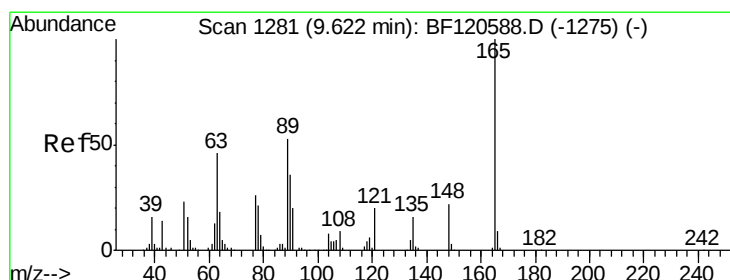
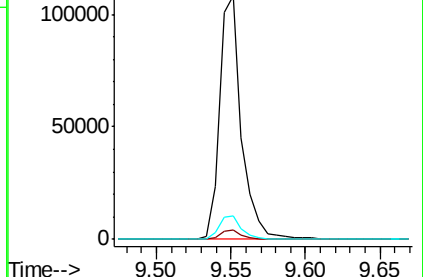
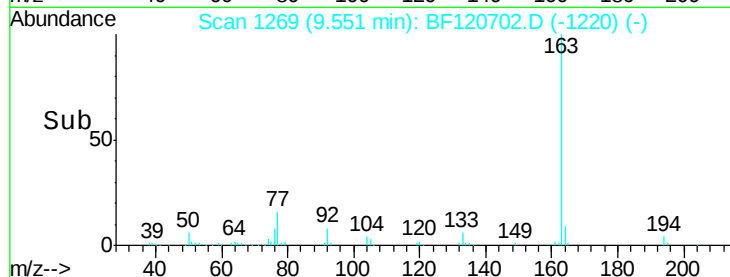
164 9.6 8.5 12.7



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



#51

2,6-Dinitrotoluene

Concen: 7.914 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.21 min

Lab File: BF120702.D

Acq: 25 Jun 2020 14:33

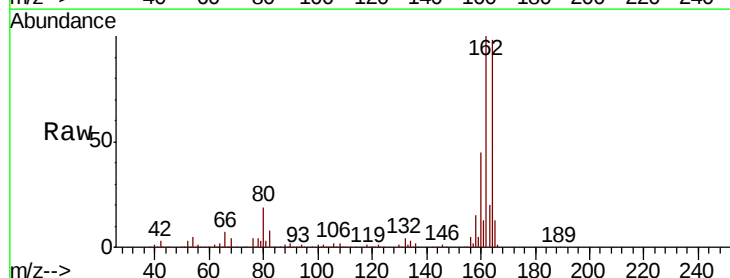
Tgt Ion:165 Resp: 34079

Ion Ratio Lower Upper

165 100

63 0.9 41.7 62.5#

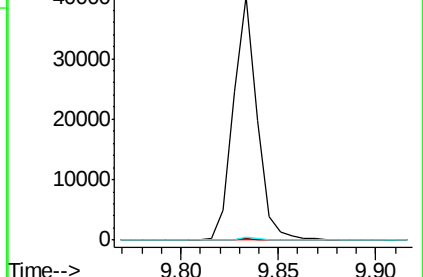
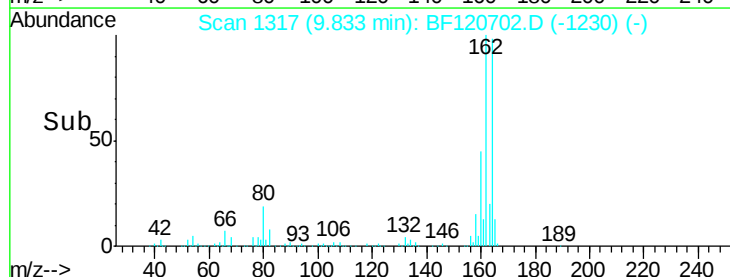
89 1.3 42.6 64.0#

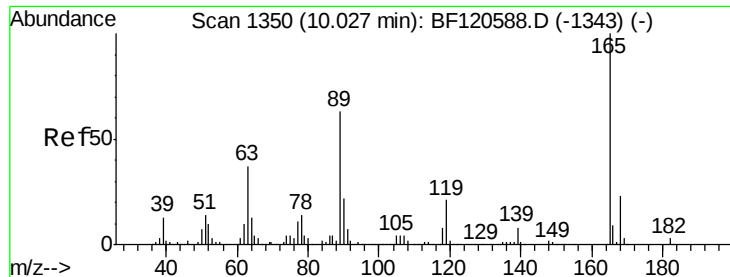


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

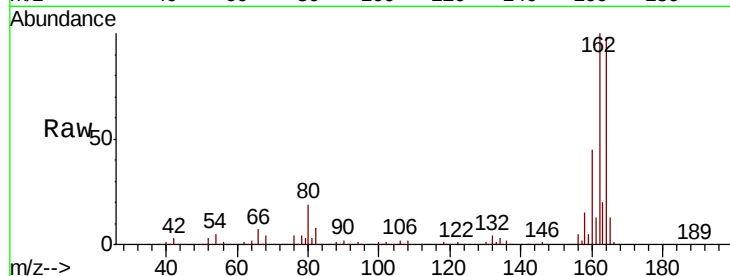




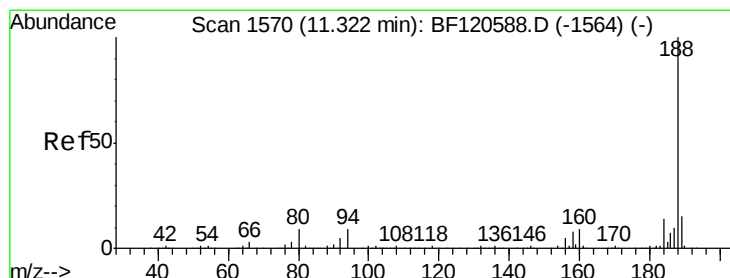
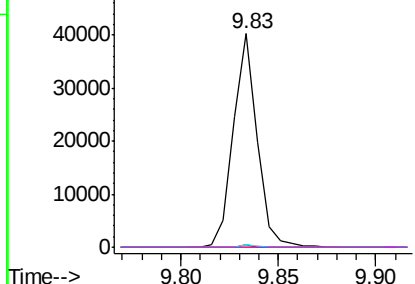
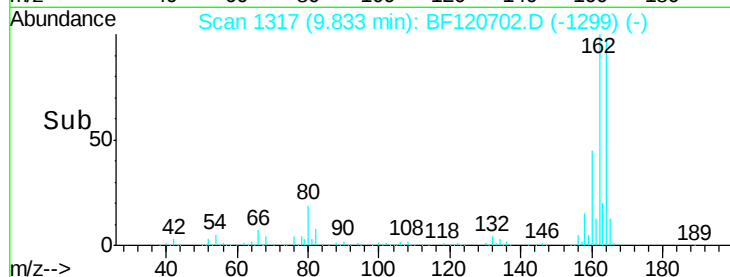
#57
 2,4-Dinitrotoluene
 Concen: 5.964 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.19 min
 Lab File: BF120702.D
 Acq: 25 Jun 2020 14:33

Instrument :
 BNA_F
 ClientSampleId :
 DUCT-BANK

Tot Ion:165 Resp: 34079
 Ion Ratio Lower Upper
 165 100
 63 0.9 29.8 44.8#
 89 1.3 50.4 75.6#
 182 0.0 2.1 3.1#

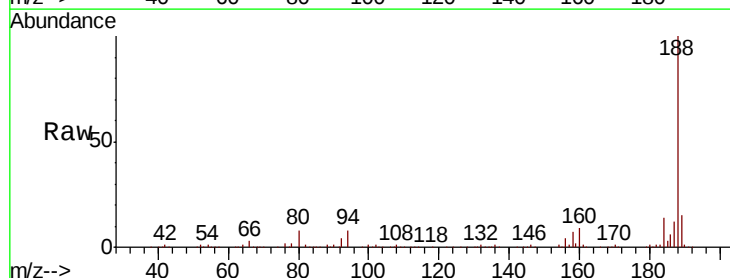


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

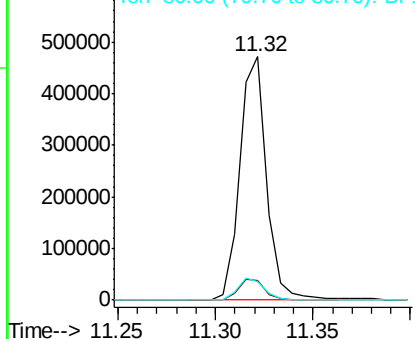
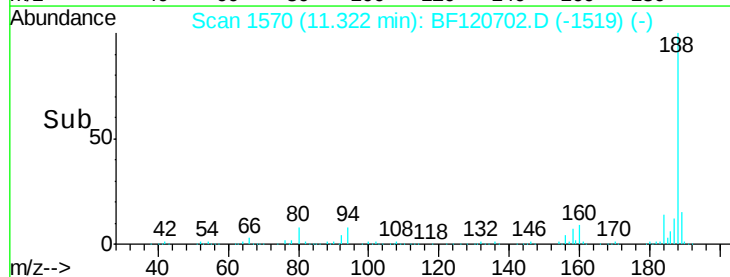


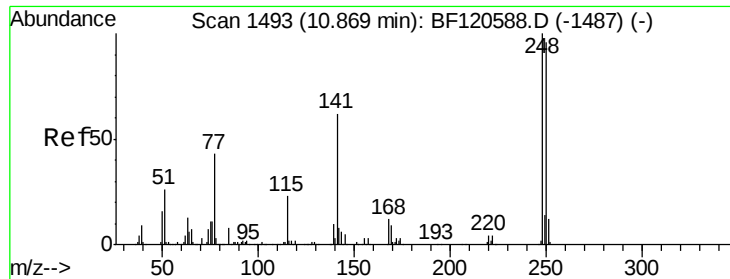
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BF120702.D
 Acq: 25 Jun 2020 14:33

Tgt Ion:188 Resp: 445427
 Ion Ratio Lower Upper
 188 100
 94 7.8 7.2 10.8
 80 7.7 7.4 11.2



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

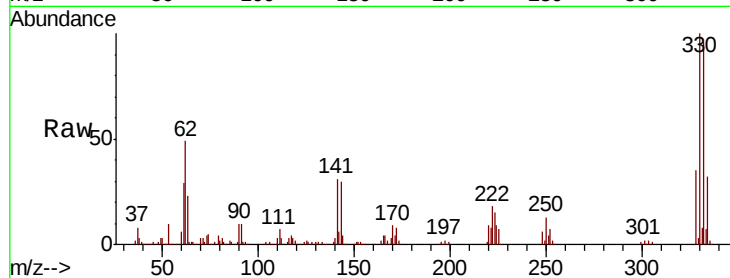




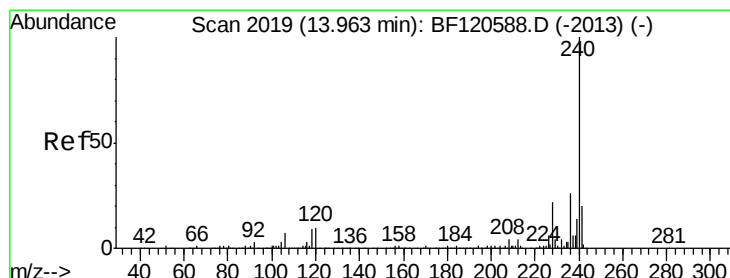
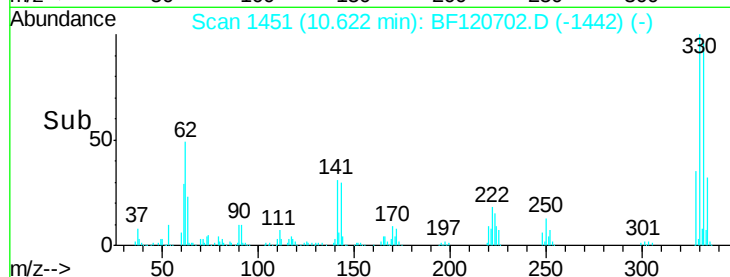
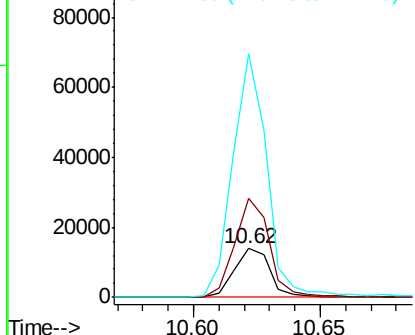
#67
4-Bromophenyl-phenylether
Concen: 2.665 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF120702.D
Acq: 25 Jun 2020 14:33

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK

Tot Ion:248 Resp: 13473
Ion Ratio Lower Upper
248 100
250 203.2 76.7 115.1#
141 499.5 49.4 74.0#

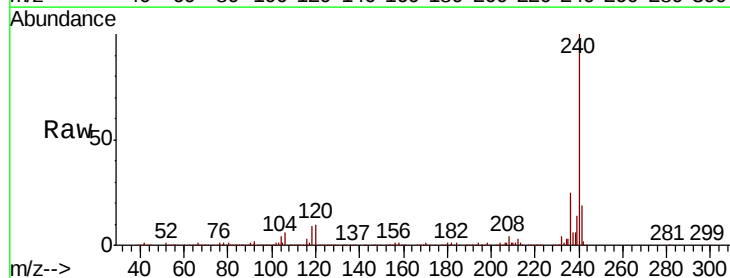


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

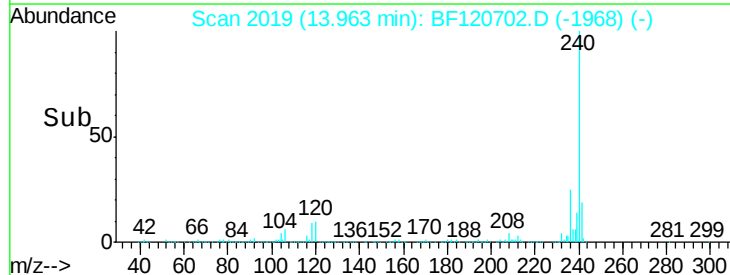
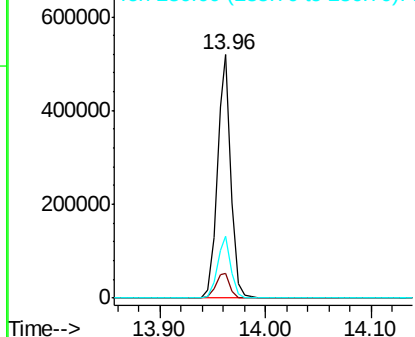


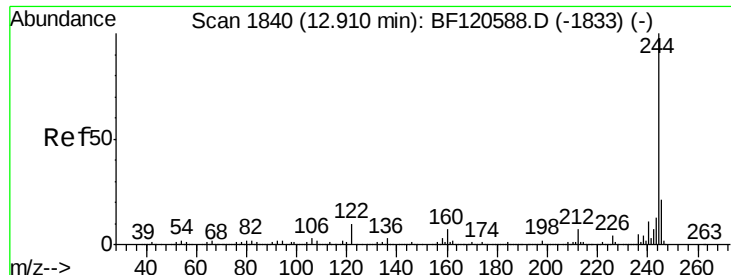
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF120702.D
Acq: 25 Jun 2020 14:33

Tgt Ion:240 Resp: 468613
Ion Ratio Lower Upper
240 100
120 10.0 8.3 12.5
236 25.2 21.0 31.4



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: 55.619 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF120702.D

Acq: 25 Jun 2020 14:33

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK

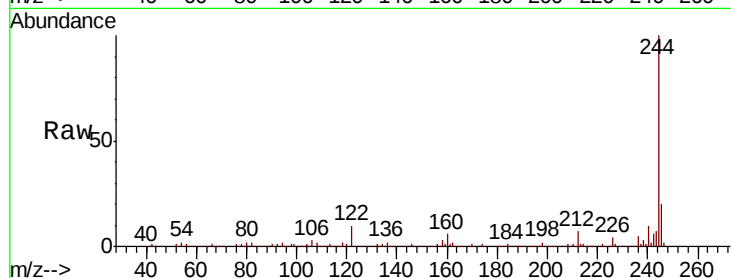
Tot Ion:244 Resp: 1179965

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

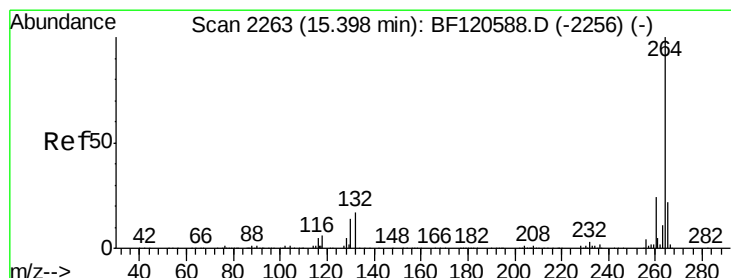
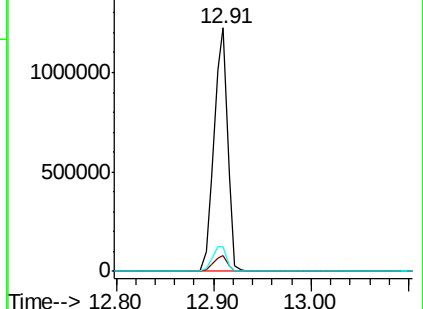
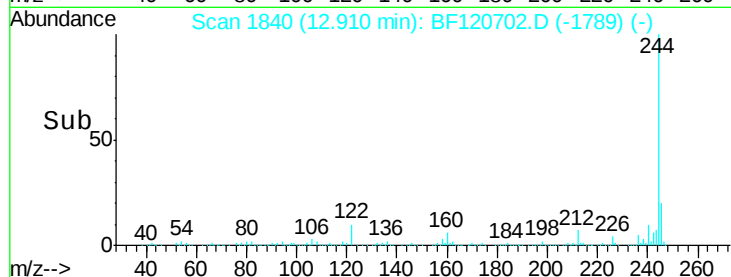
122 10.2 8.3 12.5



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2264

Delta R.T. 0.01 min

Lab File: BF120702.D

Acq: 25 Jun 2020 14:33

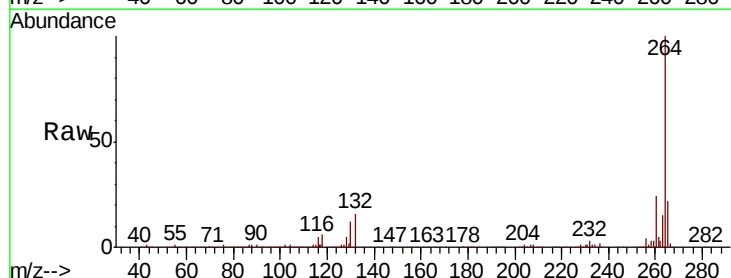
Tgt Ion:264 Resp: 395225

Ion Ratio Lower Upper

264 100

260 23.7 19.3 28.9

265 21.8 17.8 26.8



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

