

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
 Data File : BF120888.D
 Acq On : 16 Jul 2020 16:28
 Operator : JU/CG
 Sample : PB130244BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130244BL

Quant Time: Jul 16 18:54:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

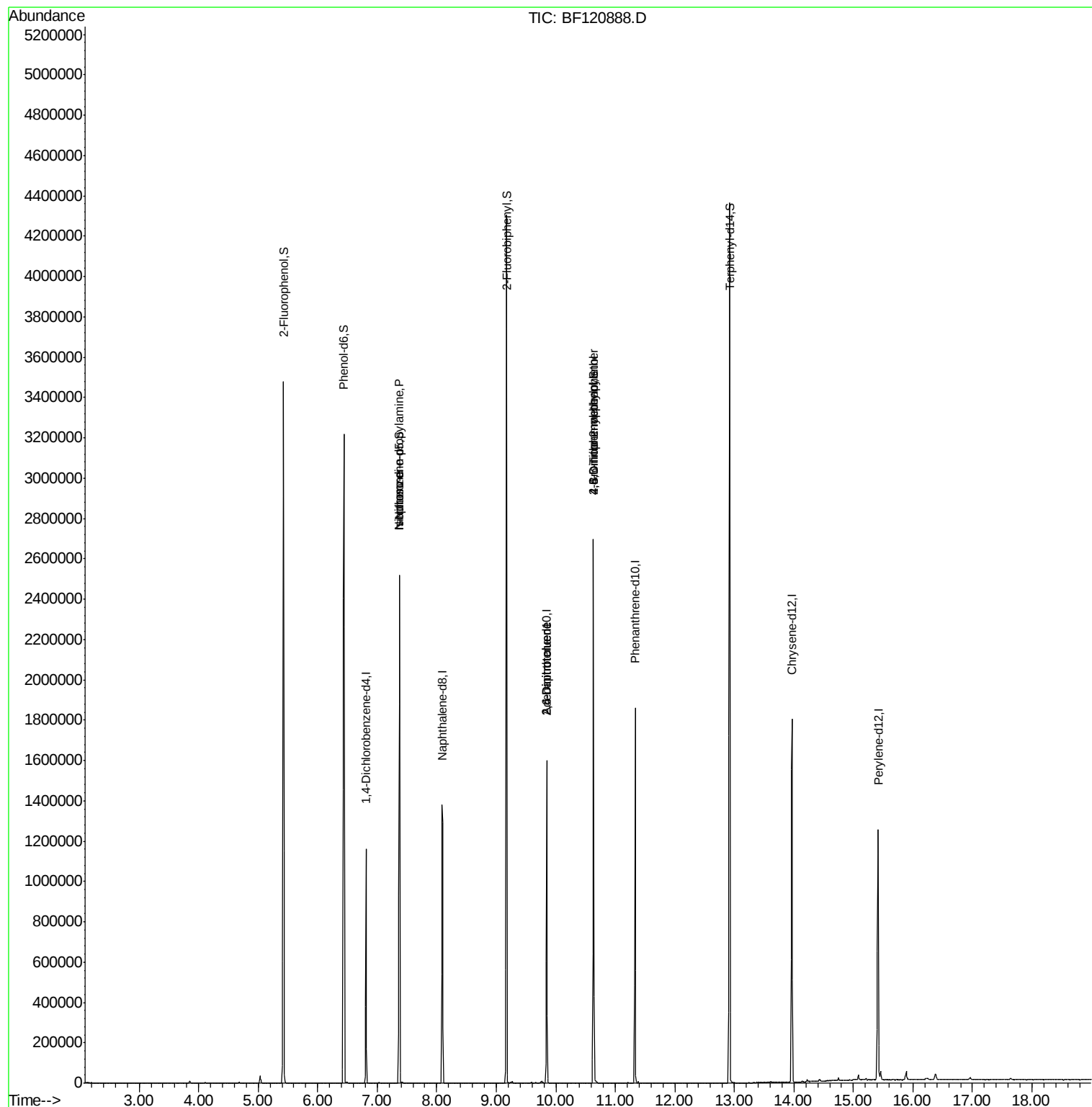
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	165863	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	639698	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	334214	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	672235	20.00	ng	0.00
76) Chrysene-d12	13.97	240	604112	20.00	ng	0.00
86) Perylene-d12	15.42	264	558104	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1078542	106.60	ng	0.00
7) Phenol-d6	6.44	99	1327423	101.57	ng	0.00
23) Nitrobenzene-d5	7.37	82	817495	73.95	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	403438	110.28	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1460140	65.23	ng	0.00
79) Terphenyl-d14	12.92	244	1664327	59.89	ng	0.00
Target Compounds						
9) Benzaldehyde	6.44	77	1933	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.37	70	107309	14.439 ng	#	78
25) Isophorone	7.37	82	817484	37.050 ng	#	63
51) 2,6-Dinitrotoluene	9.85	165	43881	8.471 ng	#	24
57) 2,4-Dinitrotoluene	9.85	165	43881	6.451 ng	#	27
65) 4,6-Dinitro-2-methylphenol	10.63	198	888	4.053 ng	#	1
67) 4-Bromophenyl-phenylether	10.63	248	22749	3.035 ng	#	1

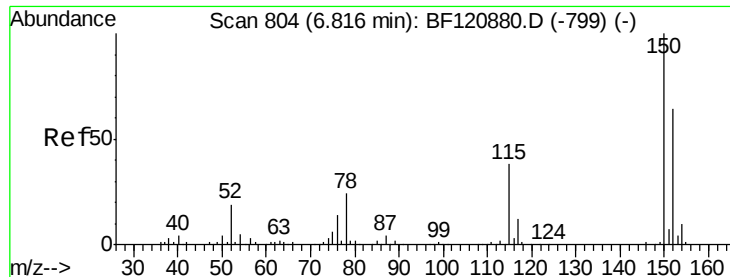
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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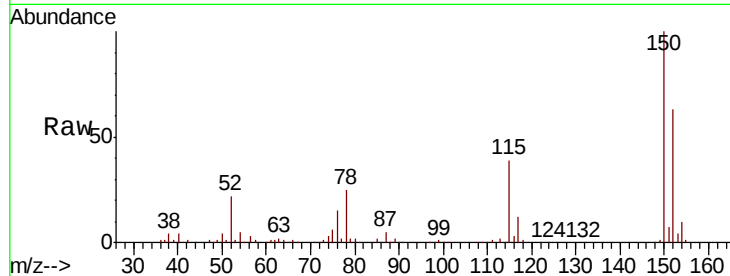


#1

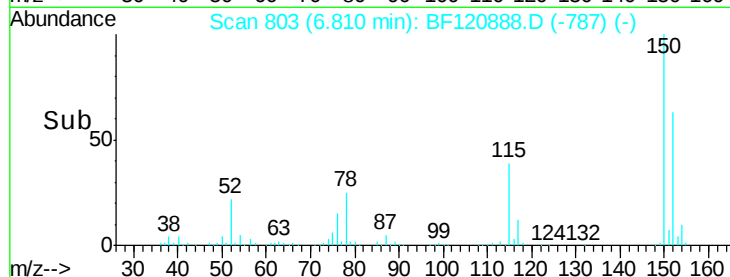
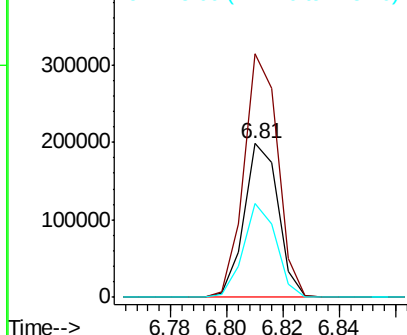
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF120888.D
Acq: 16 Jul 2020 16:28

Instrument :
BNA_F
ClientSampleId :
PB130244BL

Tot Ion:152 Resp: 165863
Ion Ratio Lower Upper
152 100
150 158.2 125.0 187.6
115 61.4 47.0 70.4



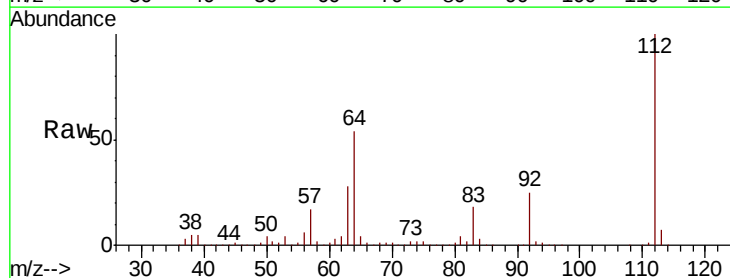
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



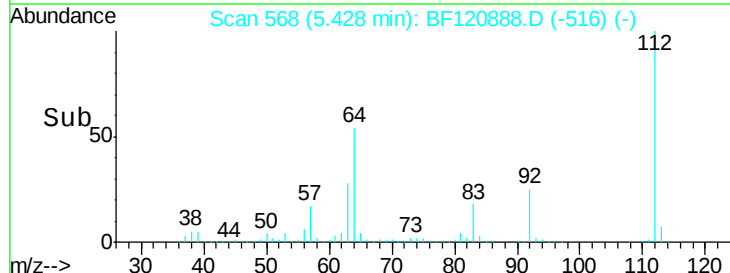
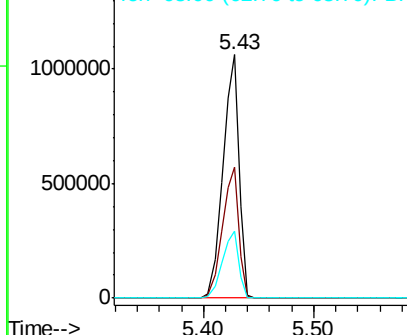
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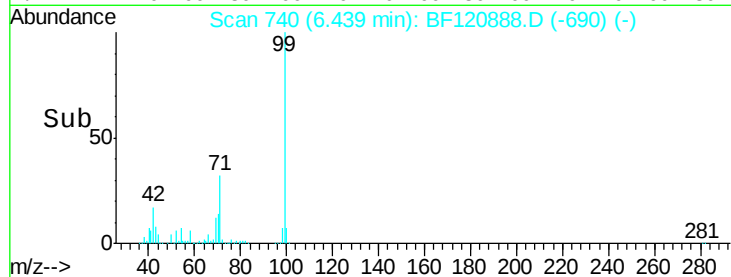
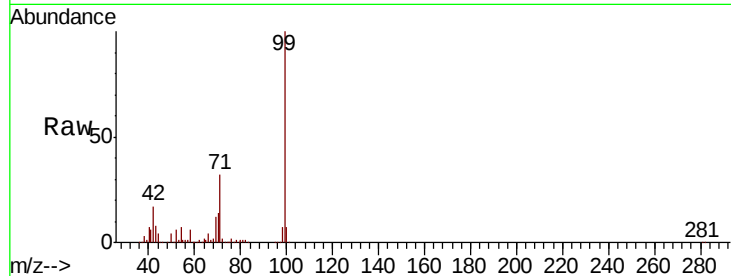
2-Fluorophenol
Concen: 106.601 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF120888.D
Acq: 16 Jul 2020 16:28

Tgt Ion:112 Resp: 1078542
Ion Ratio Lower Upper
112 100
64 53.9 41.3 61.9
63 27.6 21.1 31.7



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: 101.568 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF120888.D

Acq: 16 Jul 2020 16:28

Instrument :

BNA_F

ClientSampleId :

PB130244BL

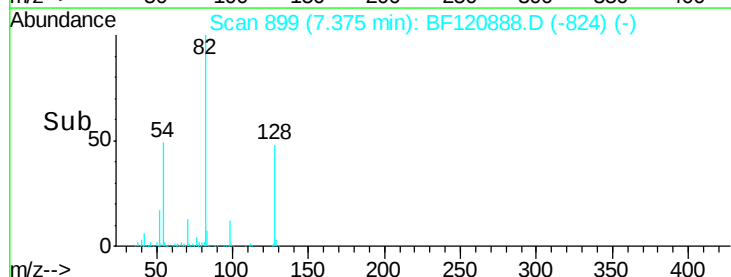
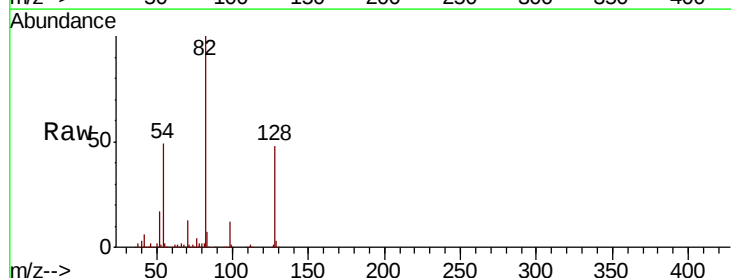
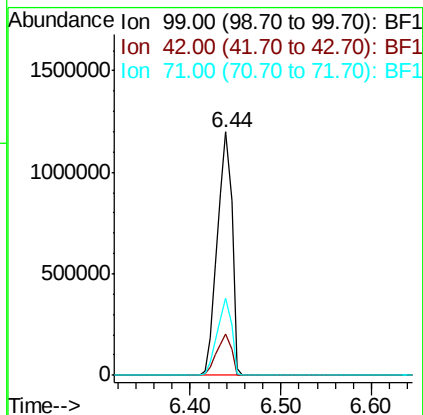
Tot Ion: 99 Resp: 1327423

Ion Ratio Lower Upper

99 100

42 17.1 13.1 19.7

71 31.6 24.2 36.4



#19

n-Nitroso-di-n-propylamine

Concen: 14.439 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF120888.D

Acq: 16 Jul 2020 16:28

Tgt Ion: 70 Resp: 107309

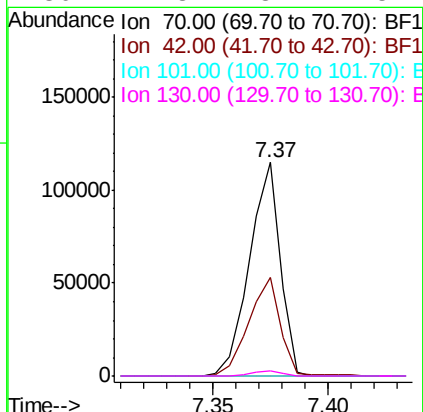
Ion Ratio Lower Upper

70 100

42 46.4 44.0 66.0

101 0.0 7.8 11.6#

130 2.3 18.7 28.1#

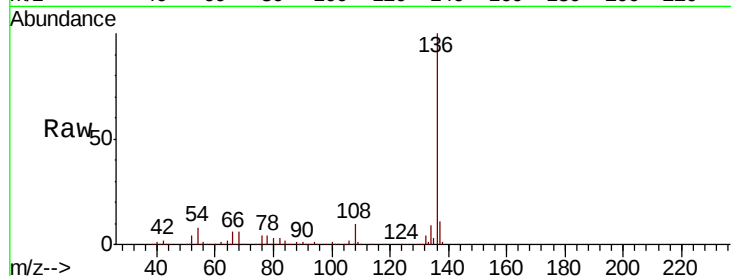




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF120888.D
Acq: 16 Jul 2020 16:28

Instrument :
BNA_F
ClientSampleId :
PB130244BL

Tot Ion:136	Resp:	639698
Ion	Ratio	Lower Upper
136	100	
137	11.3	9.3 13.9
54	8.2	6.3 9.5
68	6.2	5.0 7.4



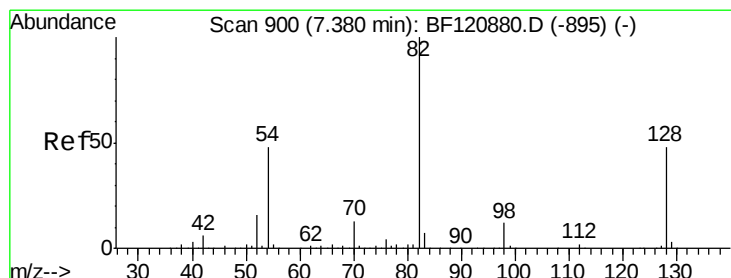
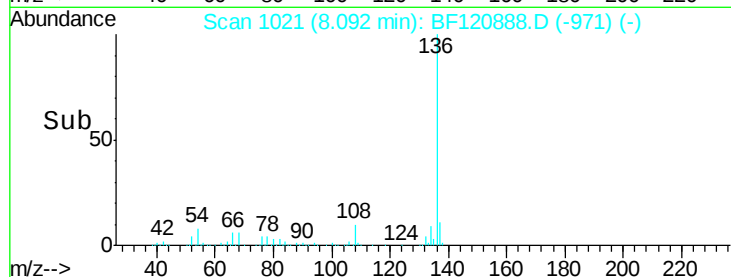
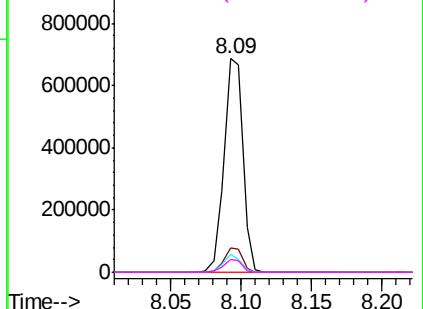
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

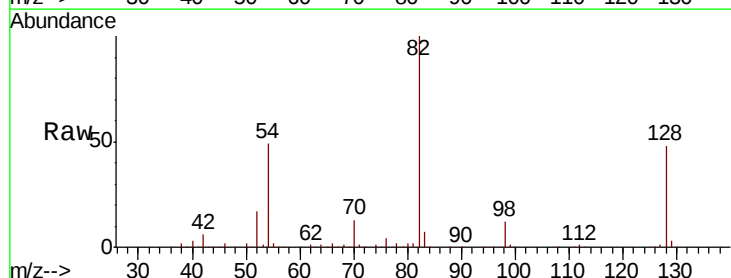
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23
Nitrobenzene-d5
Concen: 73.945 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF120888.D
Acq: 16 Jul 2020 16:28

Tgt Ion: 82	Resp:	817495
Ion	Ratio	Lower Upper
82	100	
128	47.9	38.2 57.4
54	48.7	38.7 58.1

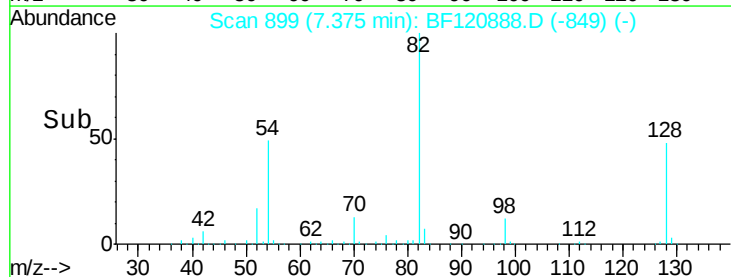
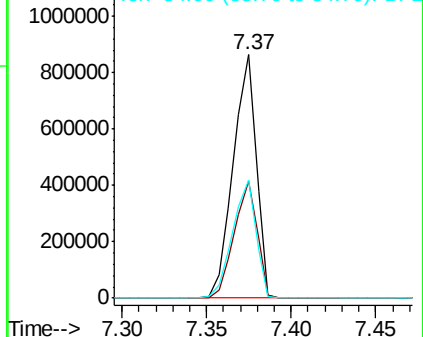


Abundance

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: 37.050 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF120888.D

Acq: 16 Jul 2020 16:28

Instrument :

BNA_F

ClientSampleId :

PB130244BL

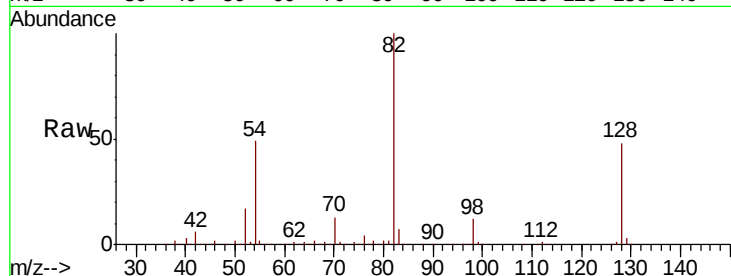
Tot Ion: 82 Resp: 817484

Ion Ratio Lower Upper

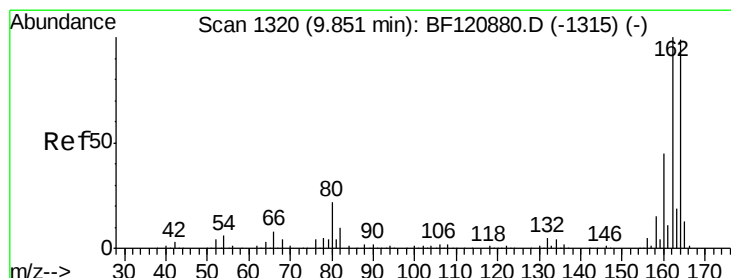
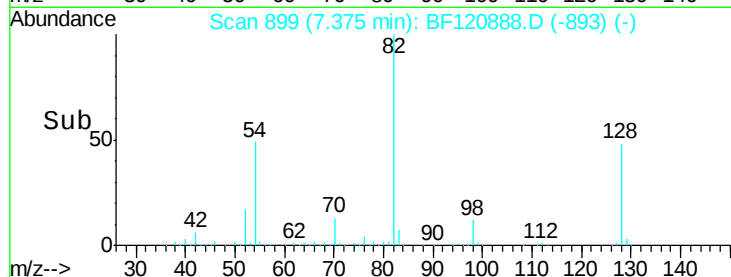
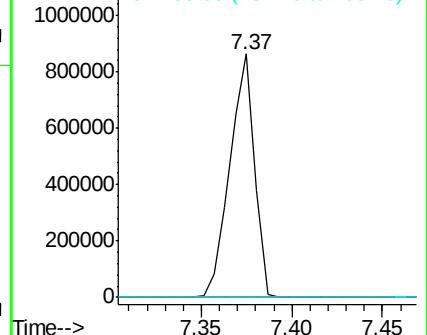
82 100

95 0.0 5.5 8.3#

138 0.0 15.6 23.4#



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: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF120888.D

Acq: 16 Jul 2020 16:28

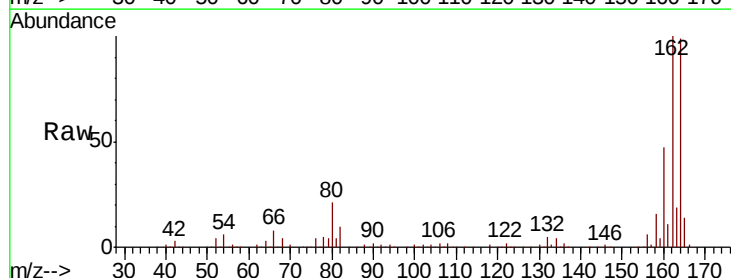
Tgt Ion: 164 Resp: 334214

Ion Ratio Lower Upper

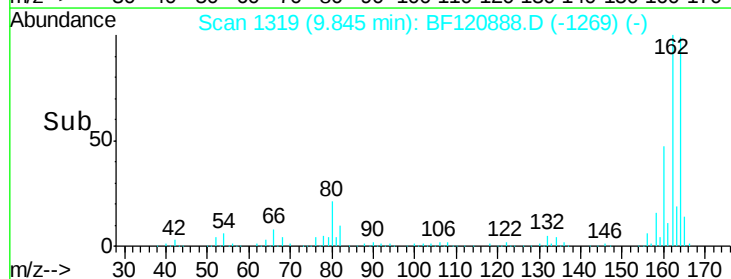
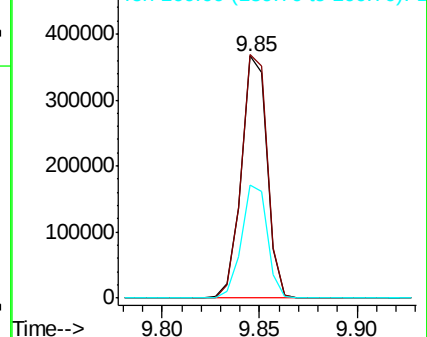
164 100

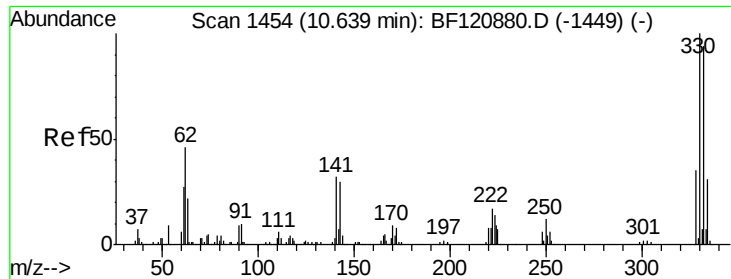
162 100.7 81.2 121.8

160 46.8 36.9 55.3



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

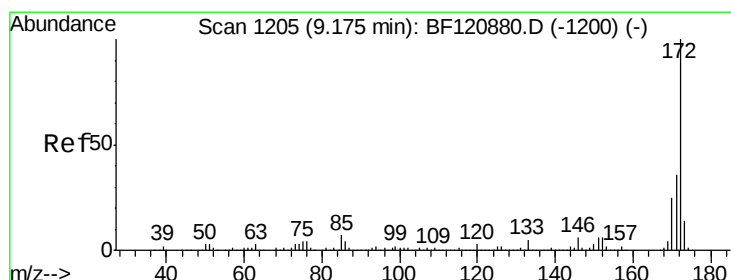
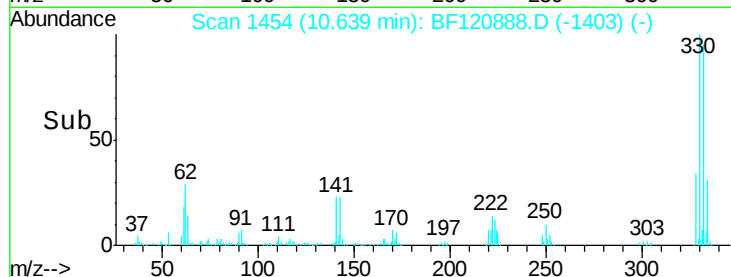
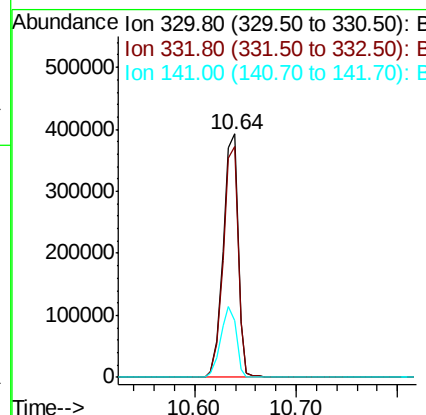
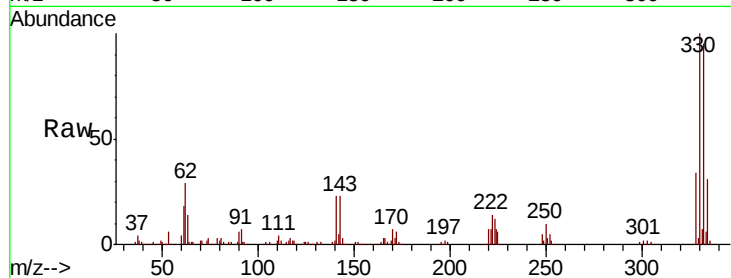




#42
 2,4,6-Tribromophenol
 Concen: 110.280 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF120888.D
 Acq: 16 Jul 2020 16:28

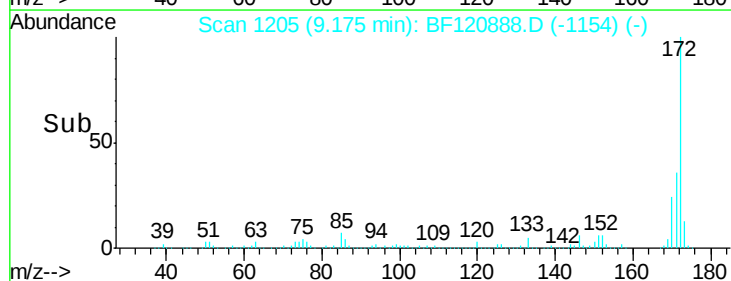
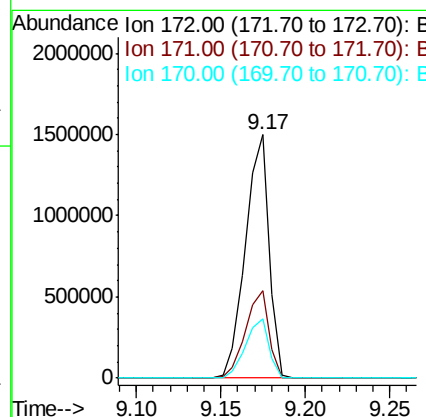
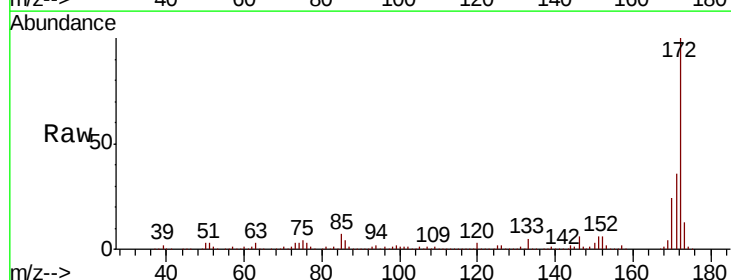
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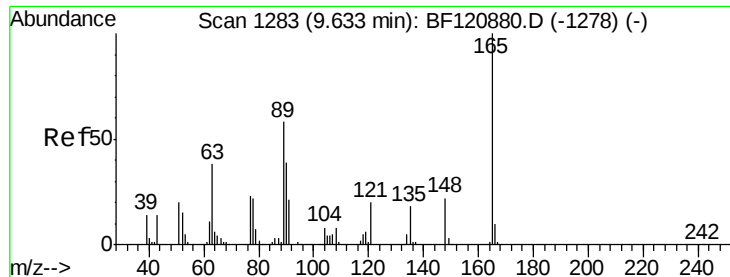
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	75.5	113.3
141	30.1	25.7	38.5



#45
 2-Fluorobiphenyl
 Concen: 65.229 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF120888.D
 Acq: 16 Jul 2020 16:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.4
170	24.5	19.6	29.4

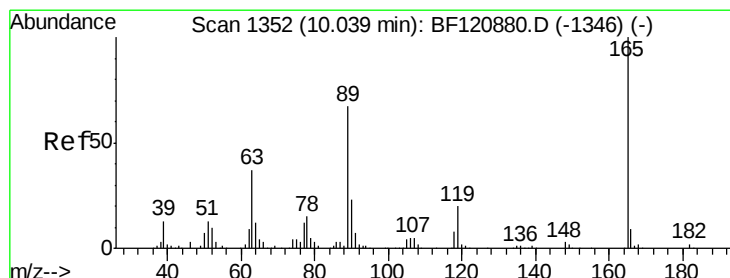
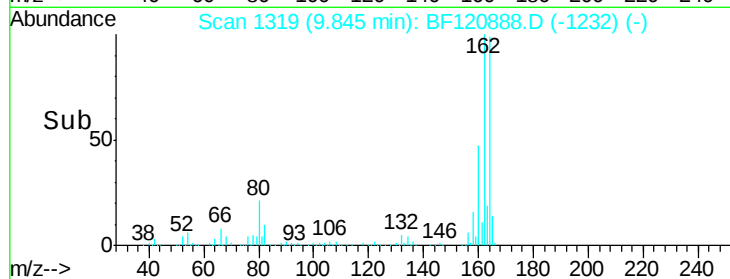
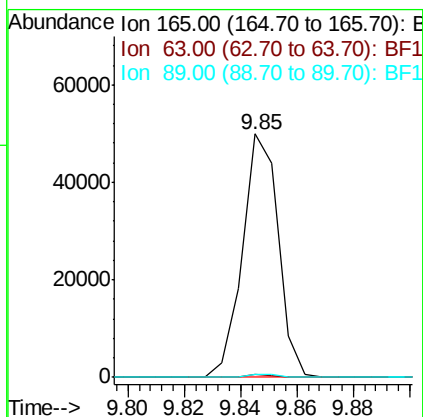
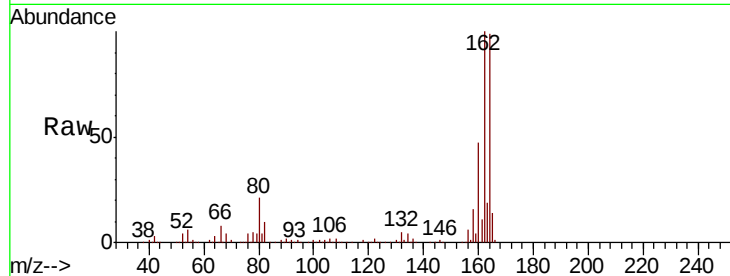




#51
 2,6-Dinitrotoluene
 Concen: 8.471 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.21 min
 Lab File: BF120888.D
 Acq: 16 Jul 2020 16:28

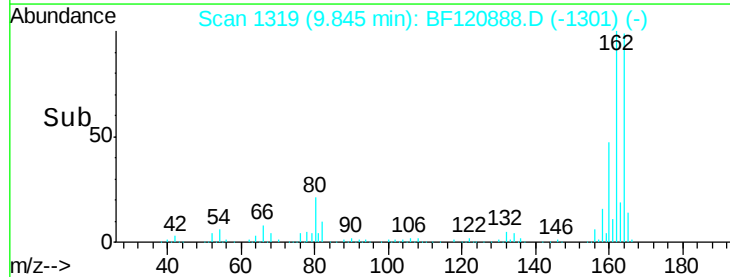
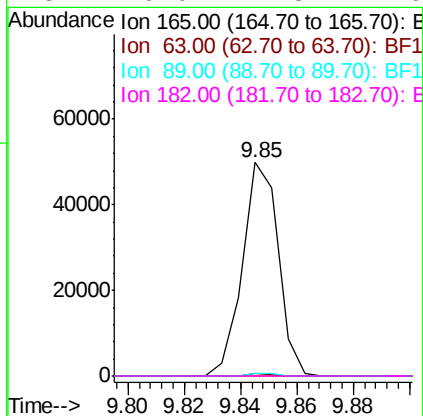
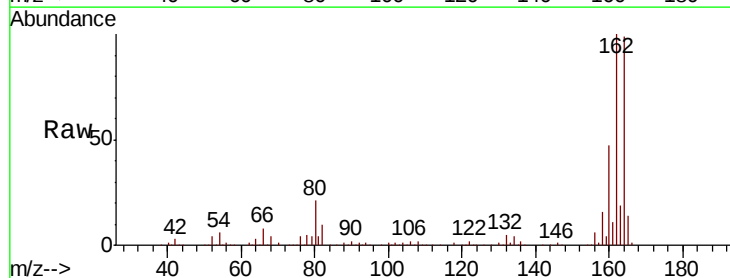
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 ClientSampleId :
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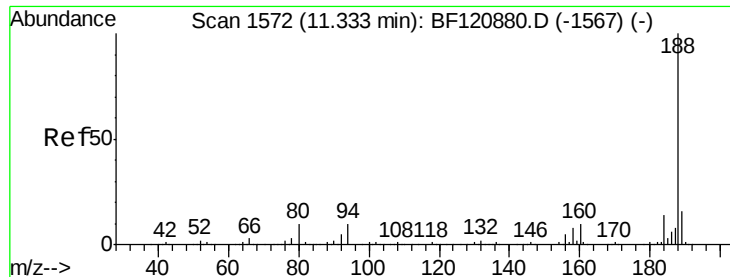
Tot Ion:165 Resp: 43881
 Ion Ratio Lower Upper
 165 100
 63 1.0 45.4 68.2#
 89 1.2 47.0 70.4#



#57
 2,4-Dinitrotoluene
 Concen: 6.451 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.19 min
 Lab File: BF120888.D
 Acq: 16 Jul 2020 16:28

Tgt Ion:165 Resp: 43881
 Ion Ratio Lower Upper
 165 100
 63 1.0 29.4 44.2#
 89 1.2 53.4 80.0#
 182 0.0 1.8 2.6#

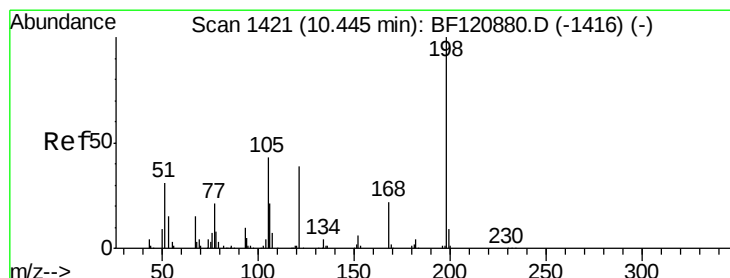
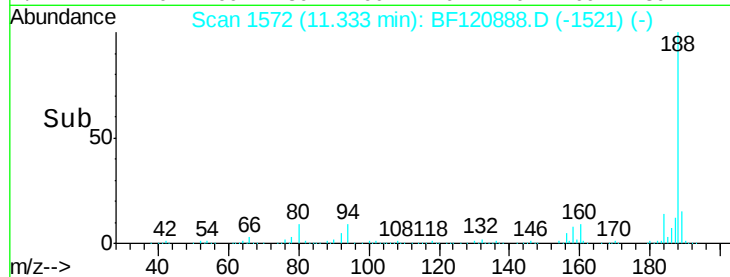
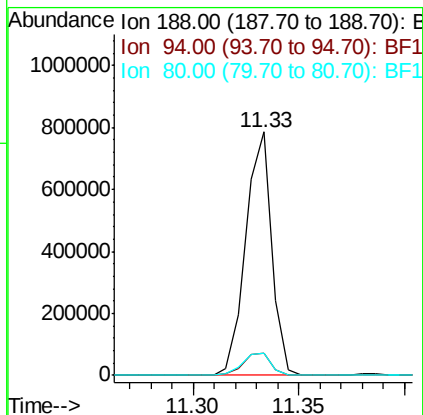
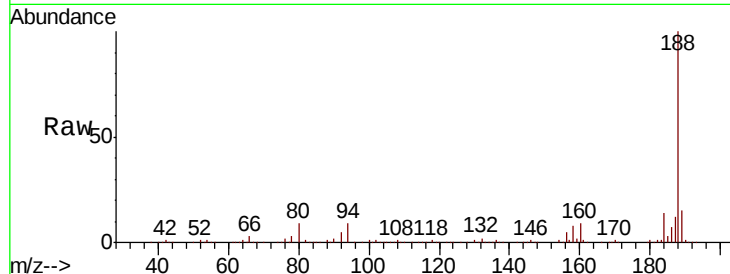




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF120888.D
 Acq: 16 Jul 2020 16:28

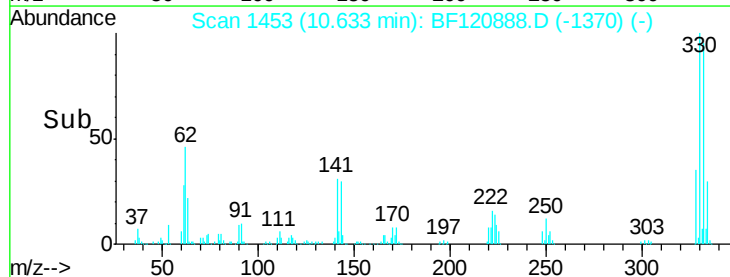
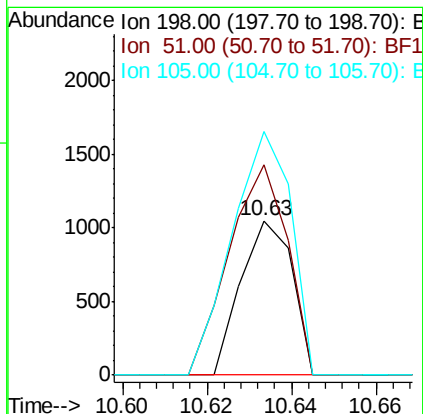
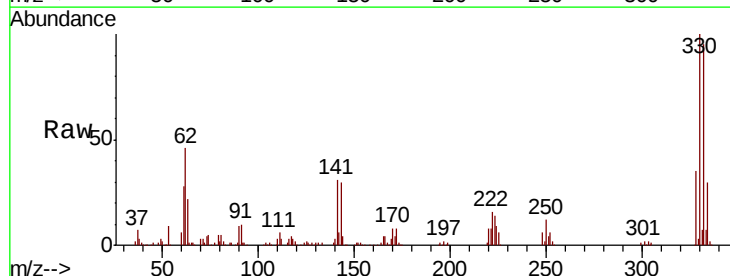
Instrument :
 BNA_F
 ClientSampleId :
 PB130244BL

Tot Ion:188 Resp: 672235
 Ion Ratio Lower Upper
 188 100
 94 9.0 8.0 12.0
 80 9.0 8.3 12.5



#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.053 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.19 min
 Lab File: BF120888.D
 Acq: 16 Jul 2020 16:28

Tgt Ion:198 Resp: 888
 Ion Ratio Lower Upper
 198 100
 51 135.9 19.5 59.5#
 105 157.5 24.4 64.4#

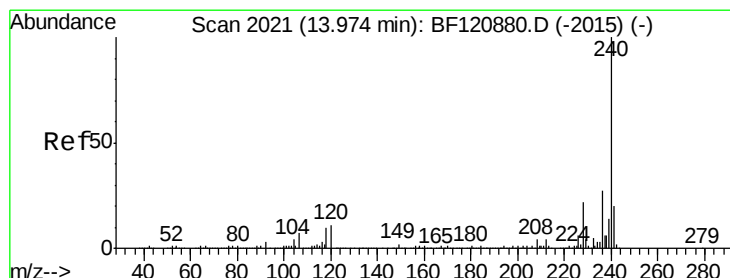
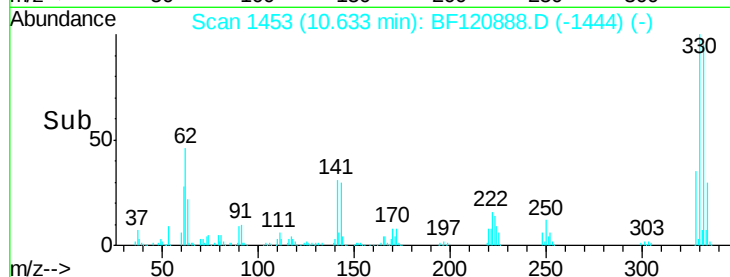
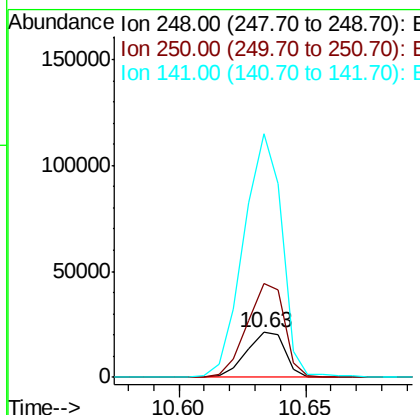
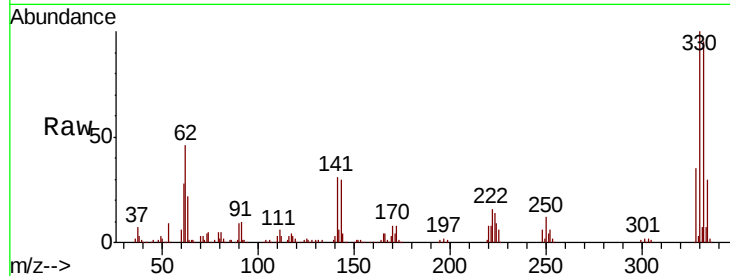




#67
 4-Bromophenyl-phenylether
 Concen: 3.035 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.25 min
 Lab File: BF120888.D
 Acq: 16 Jul 2020 16:28

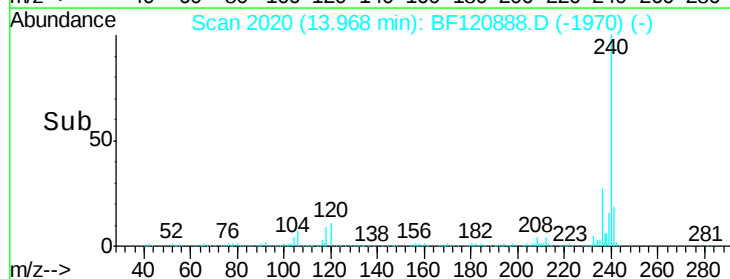
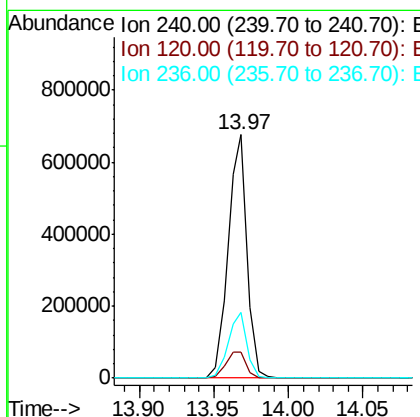
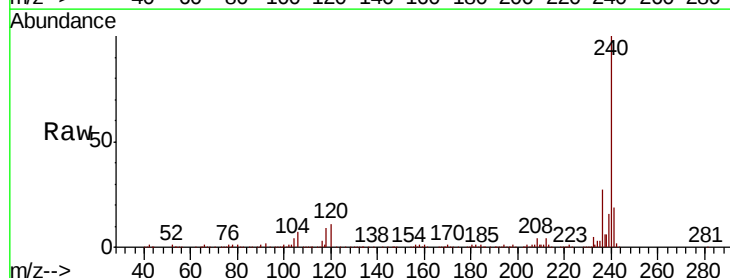
Instrument :
 BNA_F
 ClientSampleId :
 PB130244BL

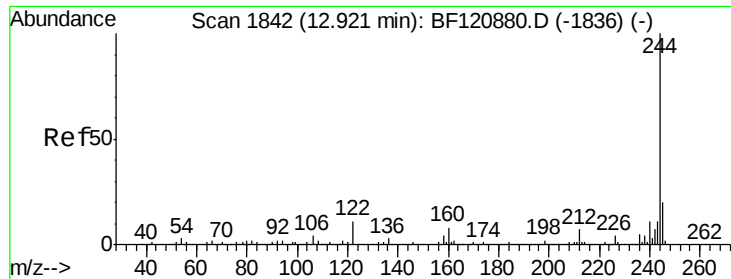
Tot Ion:248 Resp: 22749
 Ion Ratio Lower Upper
 248 100
 250 208.3 77.1 115.7#
 141 540.0 61.2 91.8#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF120888.D
 Acq: 16 Jul 2020 16:28

Tgt Ion:240 Resp: 604112
 Ion Ratio Lower Upper
 240 100
 120 10.6 9.0 13.4
 236 27.1 21.7 32.5





#79

Terphenyl-d14

Concen: 59.888 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120888.D

Acq: 16 Jul 2020 16:28

Instrument :

BNA_F

ClientSampleId :

PB130244BL

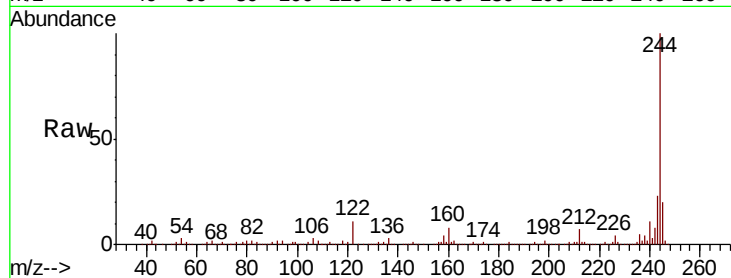
Tot Ion:244 Resp: 1664327

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

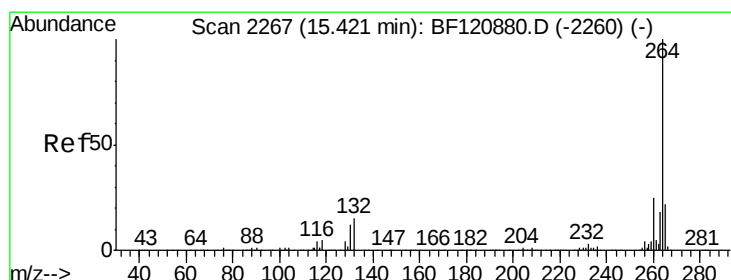
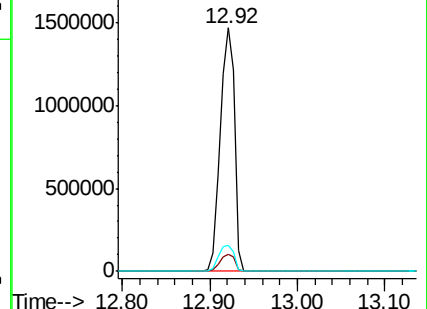
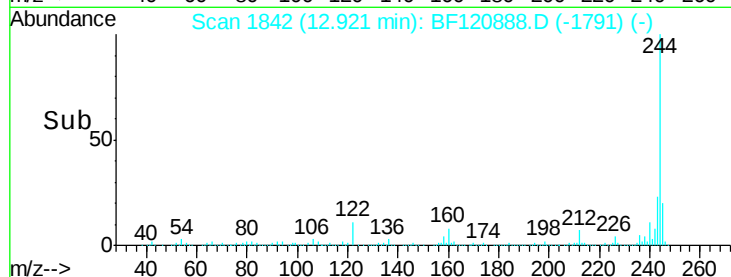
122 10.8 8.9 13.3



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: 15.42 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BF120888.D

Acq: 16 Jul 2020 16:28

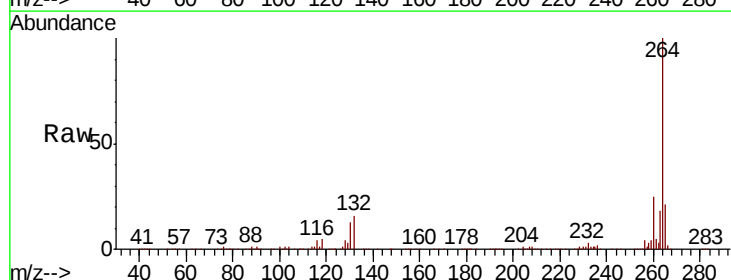
Tgt Ion:264 Resp: 558104

Ion Ratio Lower Upper

264 100

260 24.7 20.0 30.0

265 21.2 17.4 26.2



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

