

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF120008.D
 Acq On : 15 Apr 2020 22:48
 Operator : MA/SJ
 Sample : L2245-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-26

Quant Time: Apr 16 04:17:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 11:01:23 2020
 Response via : Initial Calibration

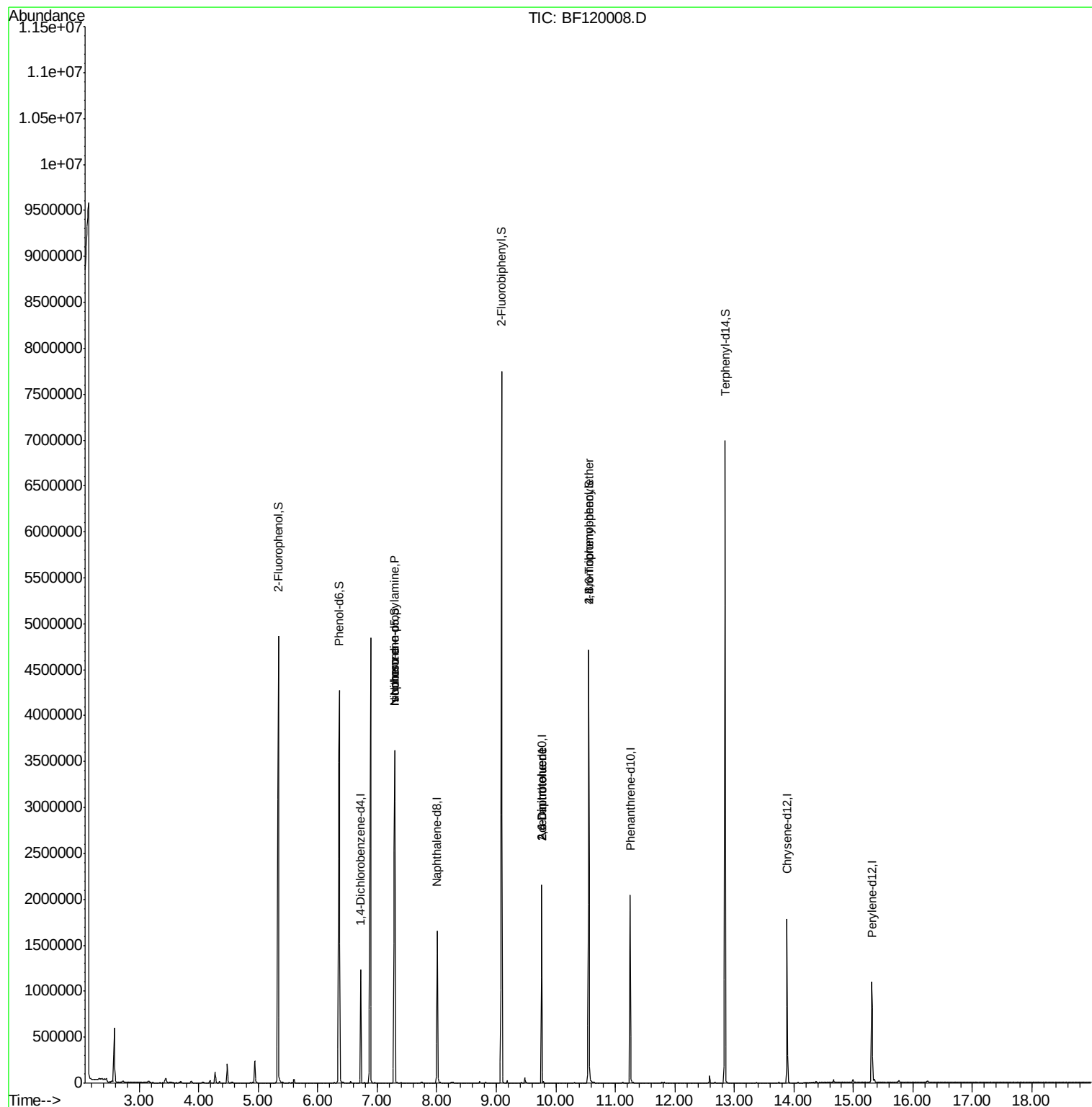
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	190223	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	726800	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	388910	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	764527	20.00	ng	0.00
76) Chrysene-d12	13.89	240	606185	20.00	ng	-0.01
87) Perylene-d12	15.31	264	479631	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1488958	135.27	ng	0.01
7) Phenol-d6	6.36	99	1698871	119.78	ng	0.00
23) Nitrobenzene-d5	7.29	82	1364694	97.14	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	607607	127.61	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	2505997	91.49	ng	0.00
79) Terphenyl-d14	12.84	244	3015367	83.70	ng	0.00
Target Compounds						
9) Benzaldehyde	6.29	77	644	Below Cal		Qvalue # 45
19) n-Nitroso-di-n-propylamine	7.29	70	179822	19.716	ng	# 74
25) Isophorone	7.29	82	1359925	50.215	ng	# 65
51) 2,6-Dinitrotoluene	9.76	165	49535	7.520	ng	# 19
57) 2,4-Dinitrotoluene	9.76	165	49535	5.707	ng	# 22
67) 4-Bromophenyl-phenylether	10.56	248	37328	3.926	ng	# 1

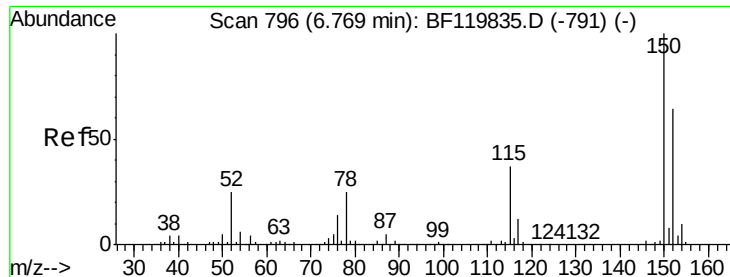
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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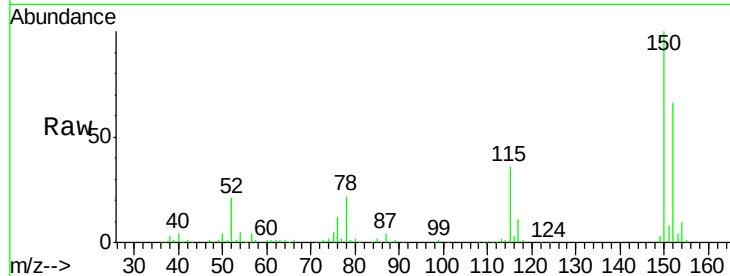


#1

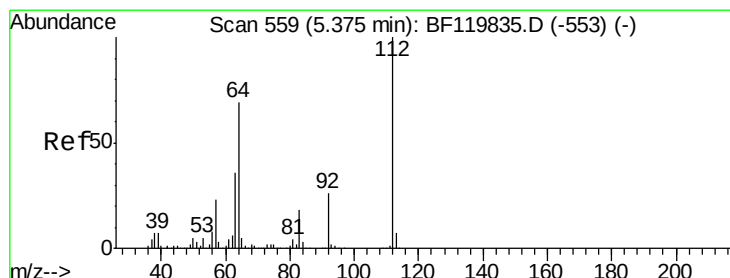
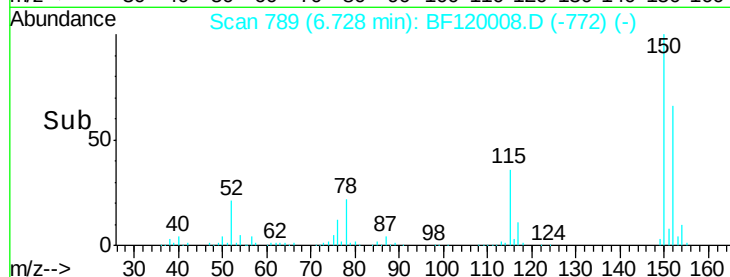
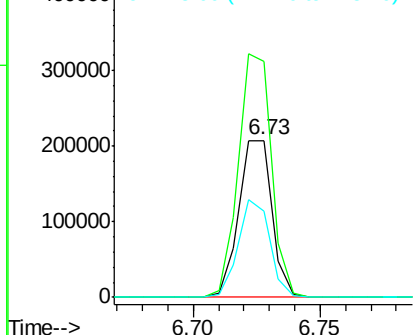
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF120008.D
Acq: 15 Apr 2020 22:48

Instrument :
BNA_F
ClientSampleId :
TP-26

Tot Ion:152 Resp: 190223
Ion Ratio Lower Upper
152 100
150 150.6 124.8 187.2
115 54.6 46.5 69.7



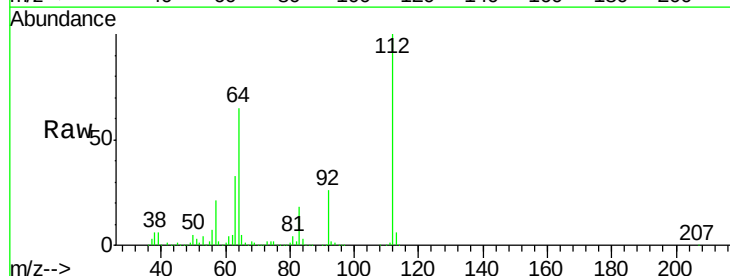
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



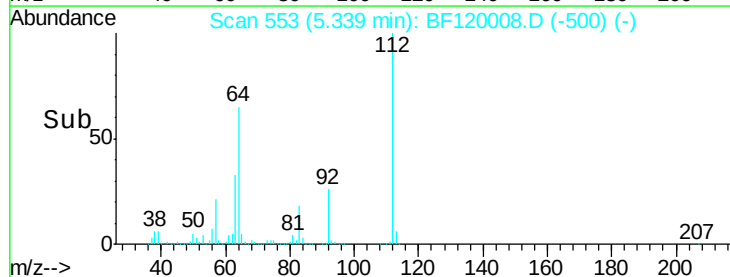
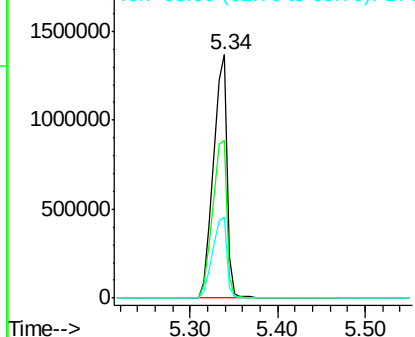
#5

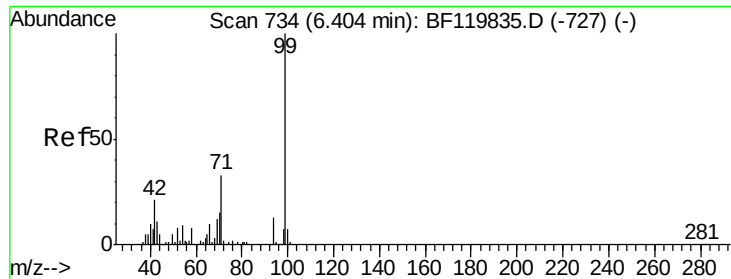
2-Fluorophenol
Concen: 135.272 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF120008.D
Acq: 15 Apr 2020 22:48

Tgt Ion:112 Resp: 1488958
Ion Ratio Lower Upper
112 100
64 65.0 55.5 83.3
63 33.3 29.1 43.7



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: 119.781 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF120008.D

Acq: 15 Apr 2020 22:48

Instrument :

BNA_F

ClientSampleId :

TP-26

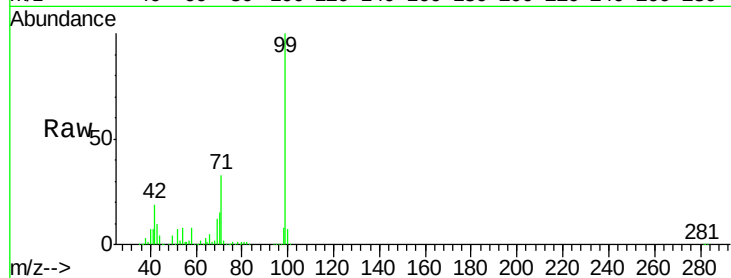
Tot Ion: 99 Resp: 1698871

Ion Ratio Lower Upper

99 100

42 19.0 16.9 25.3

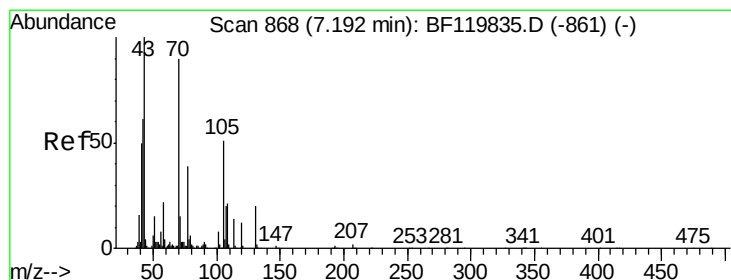
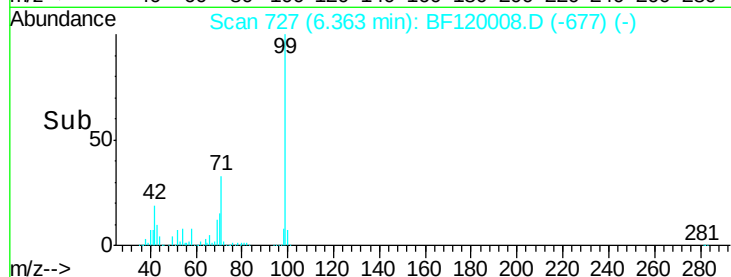
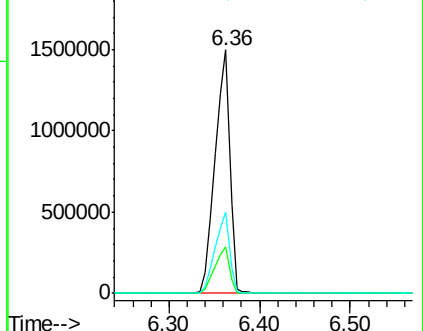
71 33.3 26.3 39.5



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: 19.716 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.14 min

Lab File: BF120008.D

Acq: 15 Apr 2020 22:48

Tgt Ion: 70 Resp: 179822

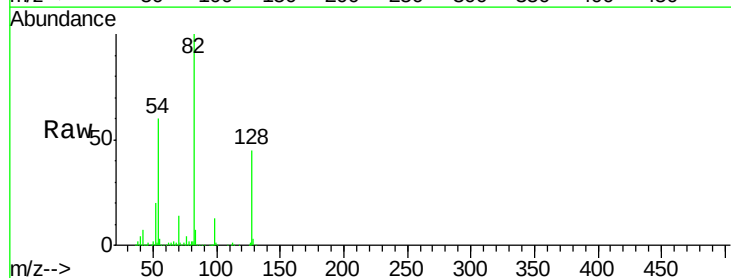
Ion Ratio Lower Upper

70 100

42 51.0 54.2 81.4#

101 0.0 7.4 11.2#

130 2.1 17.8 26.6#

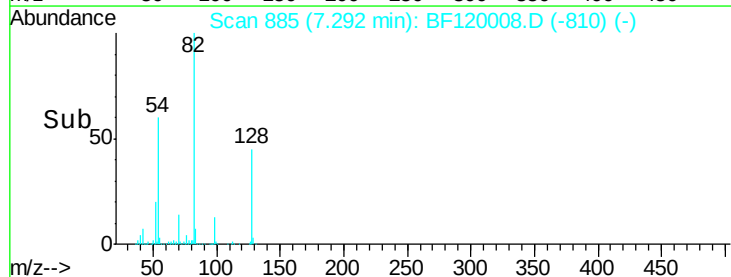
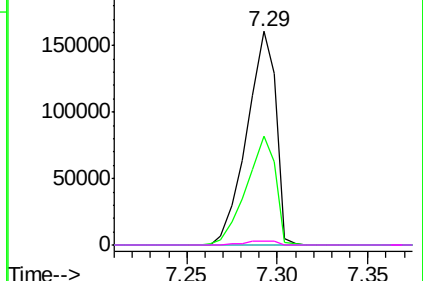


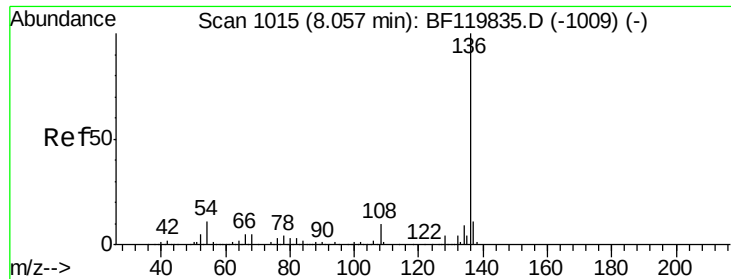
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

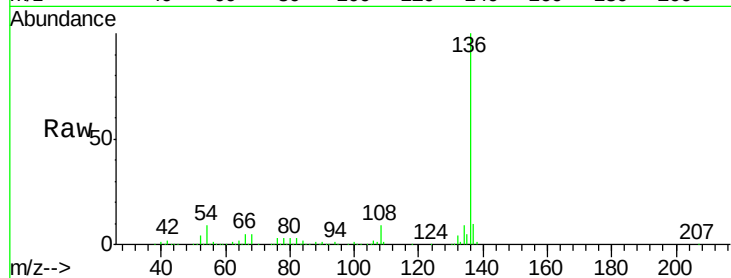




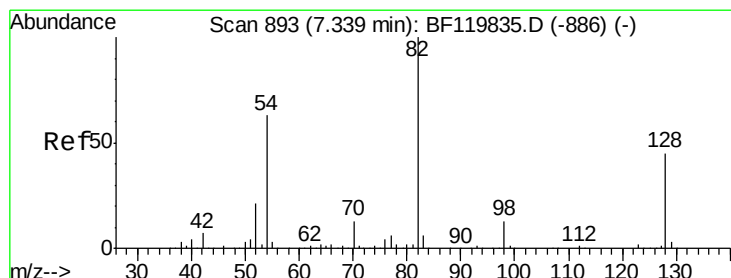
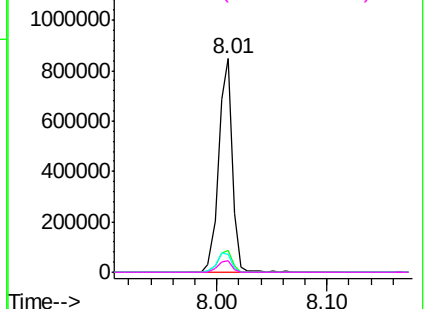
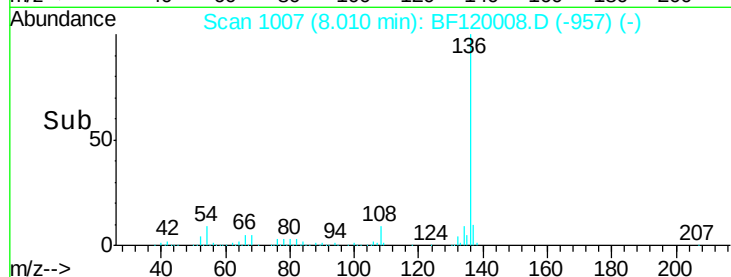
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF120008.D
Acq: 15 Apr 2020 22:48

Instrument :
BNA_F
ClientSampleId :
TP-26

Tot Ion:136	Resp:	726800	
Ion Ratio	Lower	Upper	
136 100			
137 10.3	8.7	13.1	
54 8.7	8.5	12.7	
68 5.2	3.9	5.9	

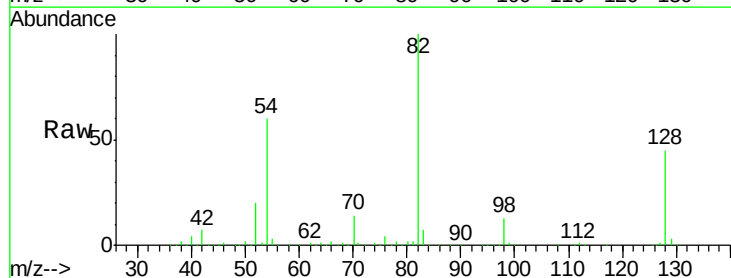


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

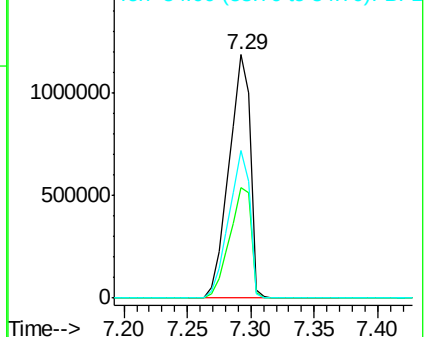
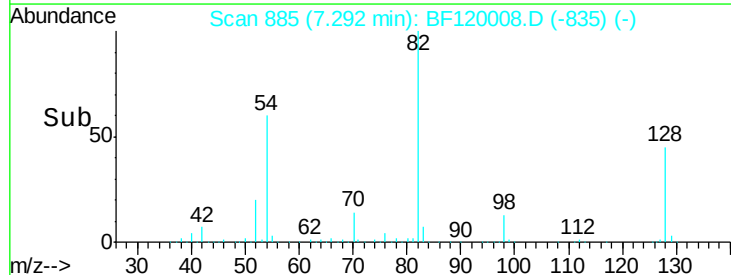


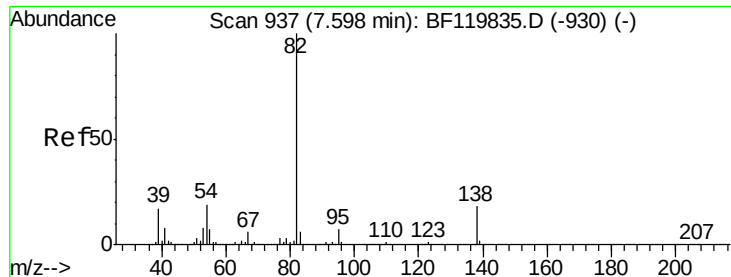
#23
Nitrobenzene-d5
Concen: 97.139 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF120008.D
Acq: 15 Apr 2020 22:48

Tgt Ion: 82	Resp: 1364694
Ion Ratio	Lower Upper
82 100	
128 45.4	36.2 54.4
54 60.5	50.4 75.6



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: 50.215 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF120008.D

Acq: 15 Apr 2020 22:48

Instrument :

BNA_F

ClientSampleId :

TP-26

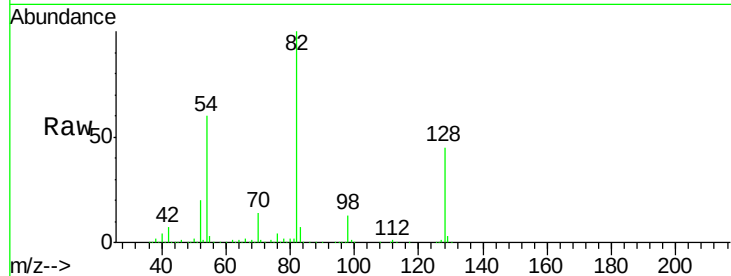
Tot Ion: 82 Resp: 1359925

Ion Ratio Lower Upper

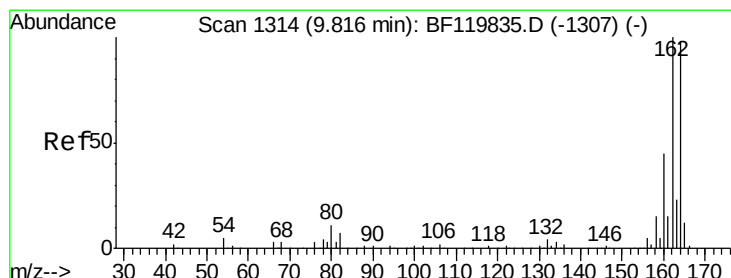
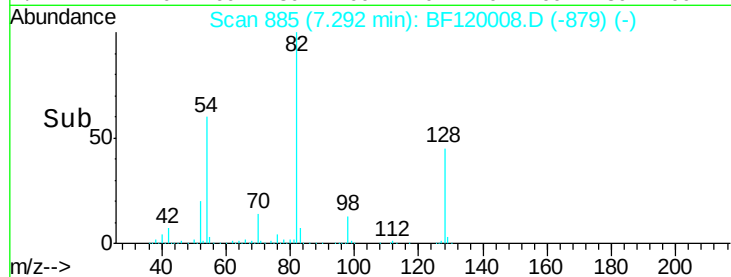
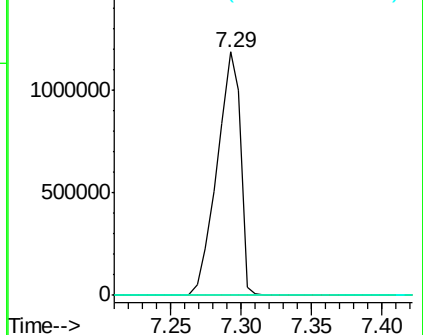
82 100

95 0.0 5.8 8.6#

138 0.0 14.5 21.7#



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: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF120008.D

Acq: 15 Apr 2020 22:48

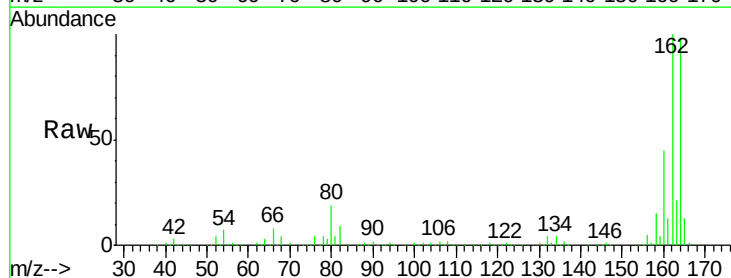
Tgt Ion:164 Resp: 388910

Ion Ratio Lower Upper

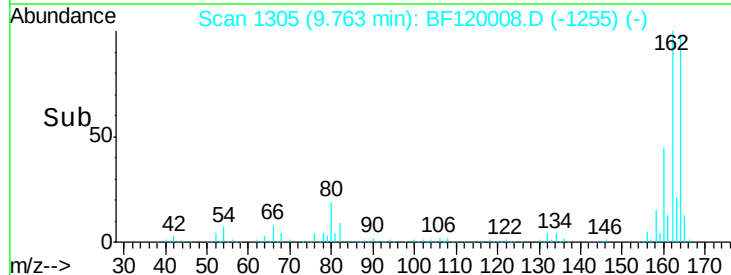
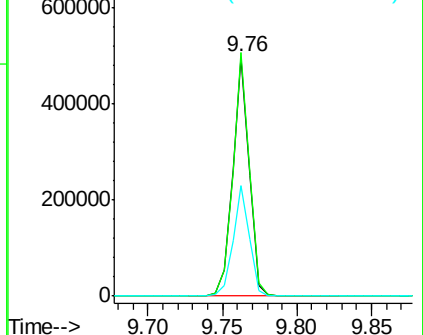
164 100

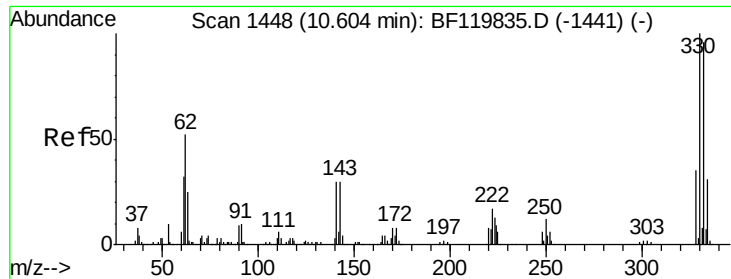
162 101.9 81.9 122.9

160 46.0 36.6 54.8



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

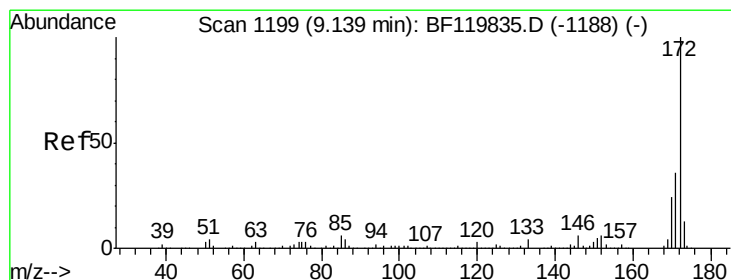
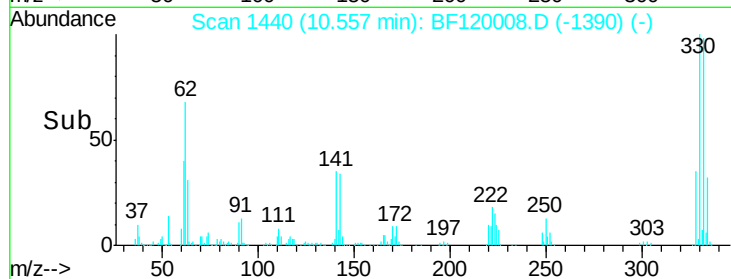
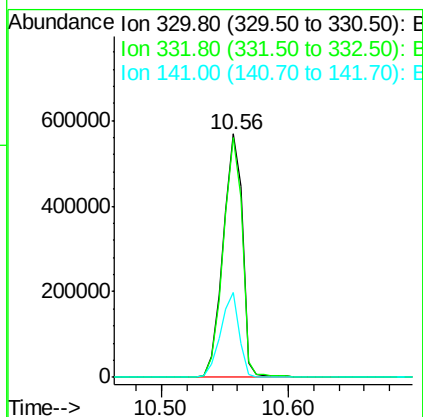
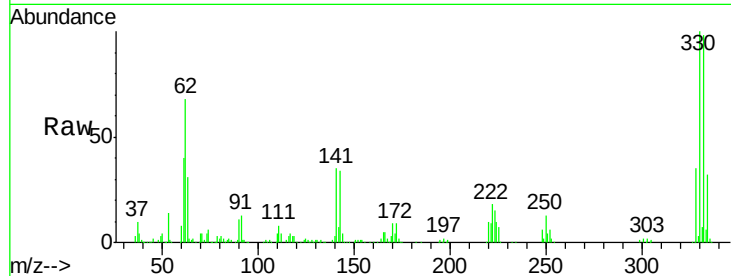




#42
 2,4,6-Tribromophenol
 Concen: 127.606 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF120008.D
 Acq: 15 Apr 2020 22:48

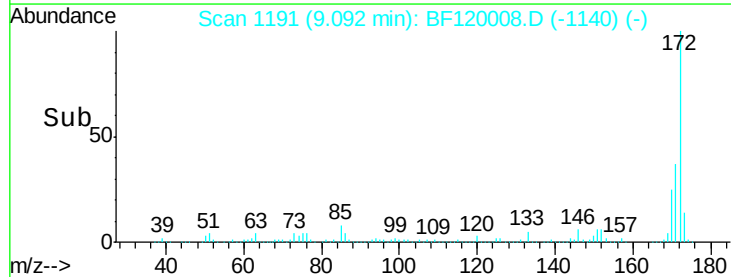
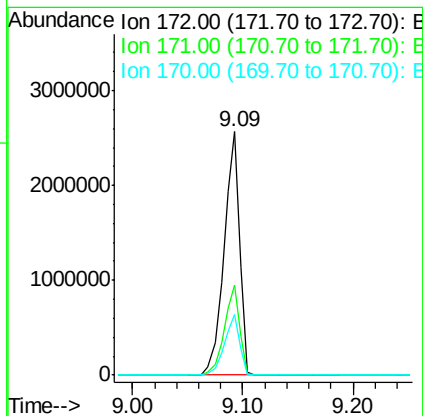
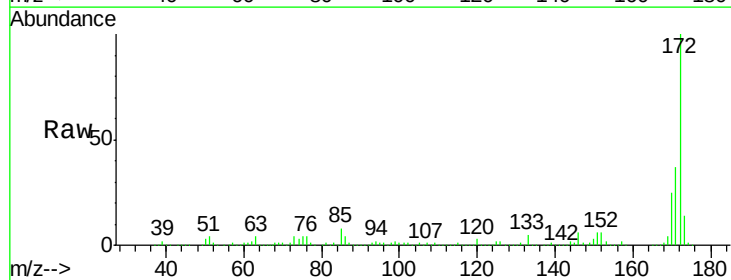
Instrument :
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 TP-26

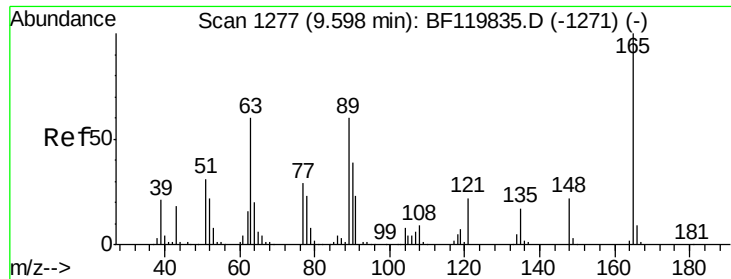
Tot Ion:330 Resp: 607607
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.8 115.2
 141 33.6 25.1 37.7



#45
 2-Fluorobiphenyl
 Concen: 91.486 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF120008.D
 Acq: 15 Apr 2020 22:48

Tgt Ion:172 Resp: 2505997
 Ion Ratio Lower Upper
 172 100
 171 37.2 28.9 43.3
 170 24.9 19.4 29.2

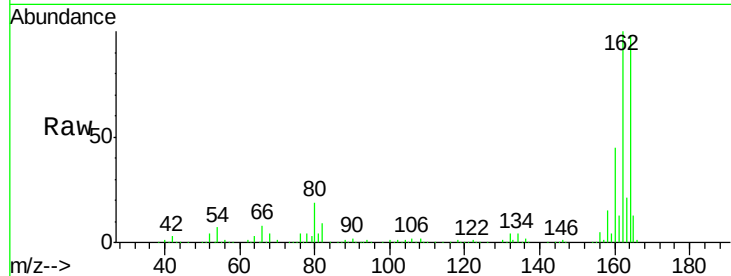




#51
 2,6-Dinitrotoluene
 Concen: 7.520 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.20 min
 Lab File: BF120008.D
 Acq: 15 Apr 2020 22:48

Instrument :
 BNA_F
 ClientSampleId :
 TP-26

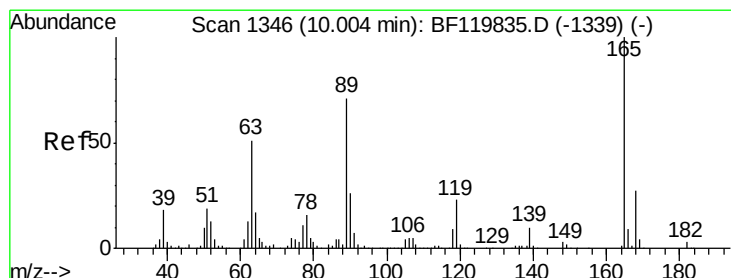
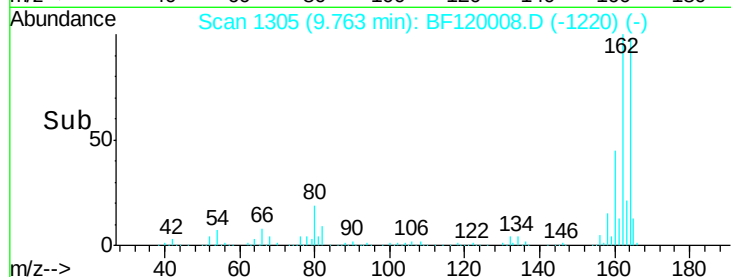
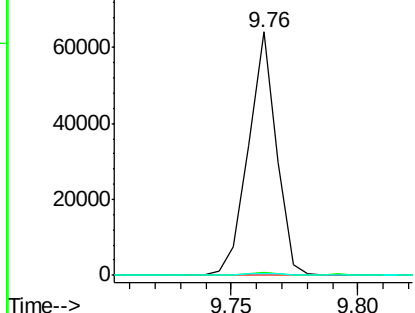
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	55.6	83.4#
89	0.8	47.9	71.9#



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: 5.707 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.20 min
 Lab File: BF120008.D
 Acq: 15 Apr 2020 22:48

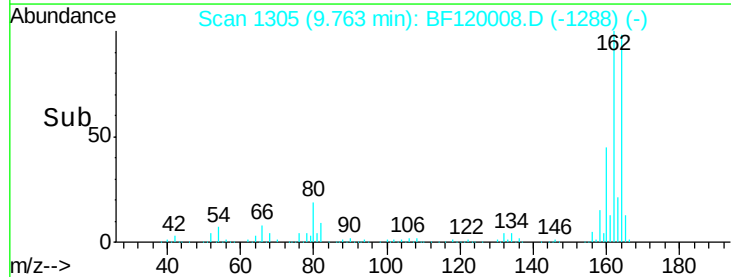
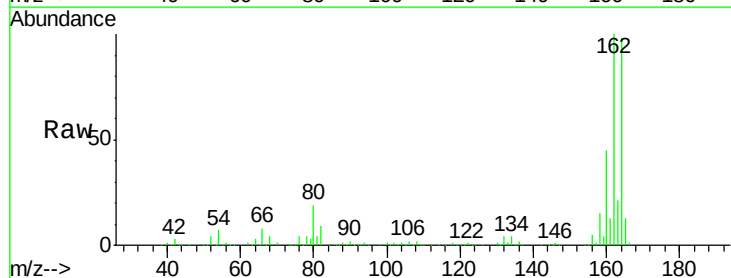
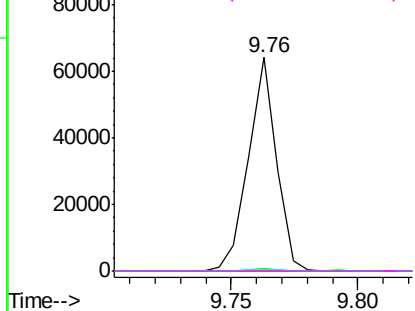
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	40.8	61.2#
89	0.8	56.9	85.3#
182	0.0	2.0	3.0#

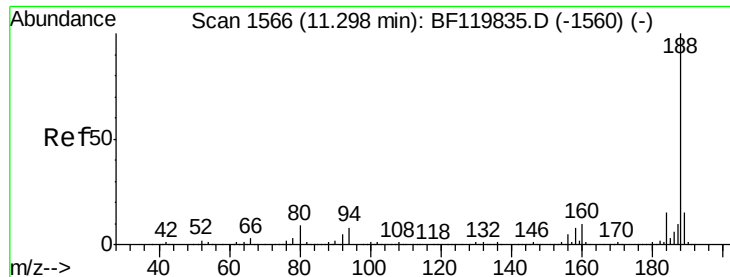
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

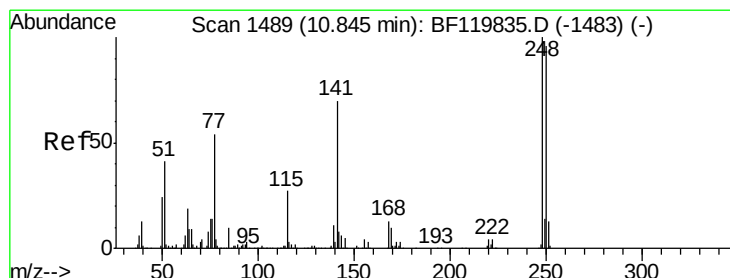
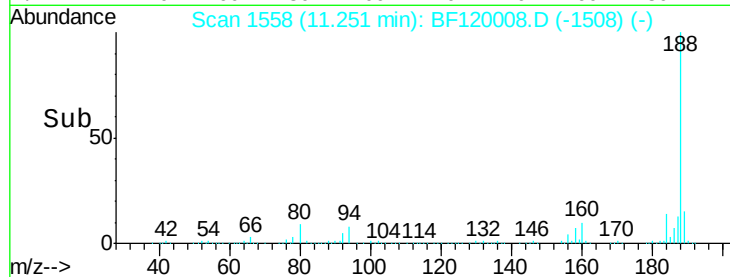
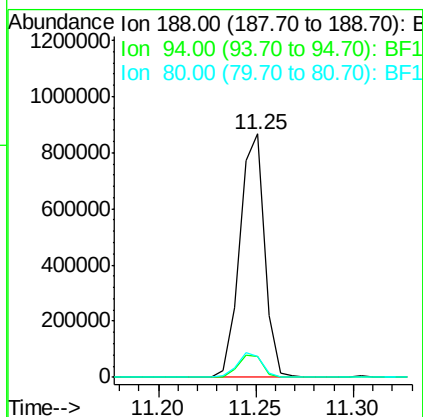
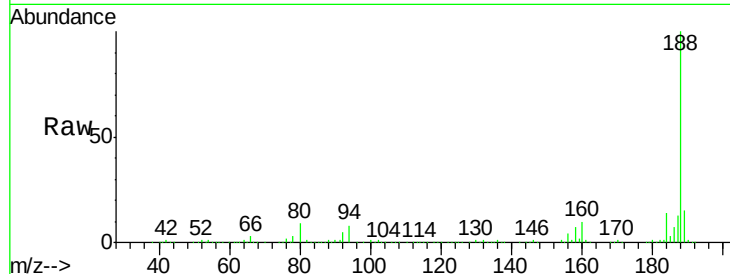




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF120008.D
 Acq: 15 Apr 2020 22:48

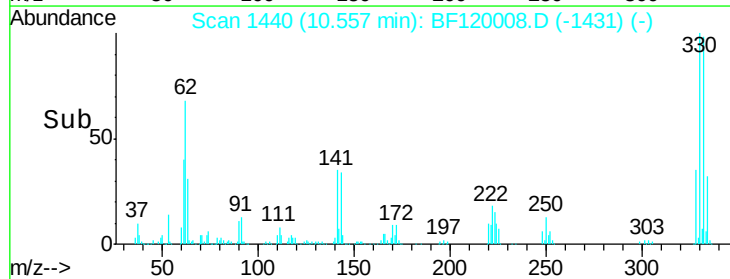
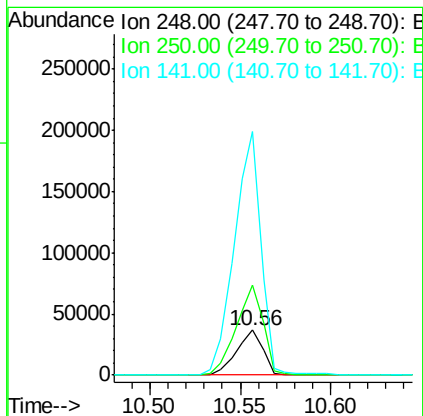
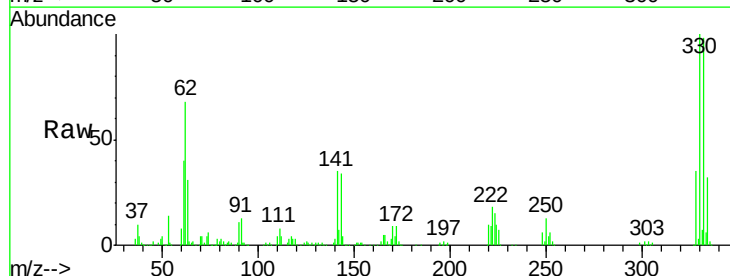
Instrument :
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 ClientSampleId :
 TP-26

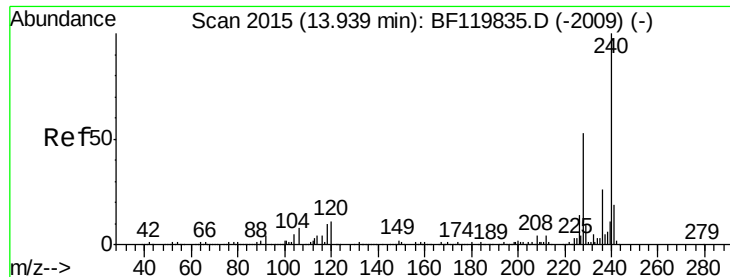
Tot Ion:188	Resp: 764527
Ion Ratio	Lower Upper
188 100	
94 8.4	6.7 10.1
80 8.6	7.4 11.2



#67
 4-Bromophenyl-phenylether
 Concen: 3.926 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.25 min
 Lab File: BF120008.D
 Acq: 15 Apr 2020 22:48

Tgt Ion:248	Resp: 37328
Ion Ratio	Lower Upper
248 100	
250 202.1	76.6 114.8#
141 545.7	55.9 83.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF120008.D

Acq: 15 Apr 2020 22:48

Instrument :

BNA_F

ClientSampled :

TP-26

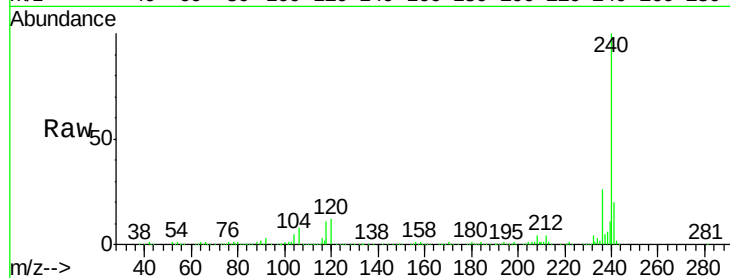
Tot Ion:240 Resp: 606185

Ion Ratio Lower Upper

240 100

120 12.1 9.0 13.6

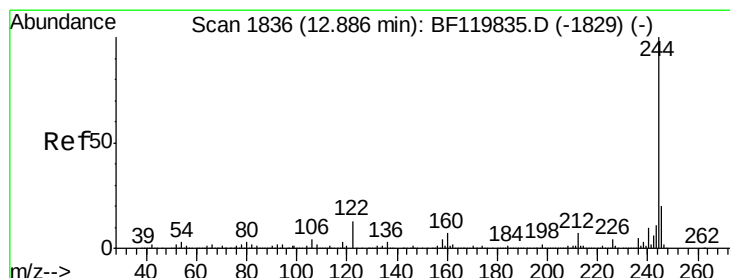
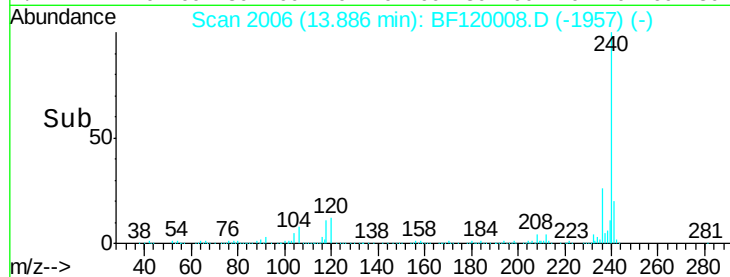
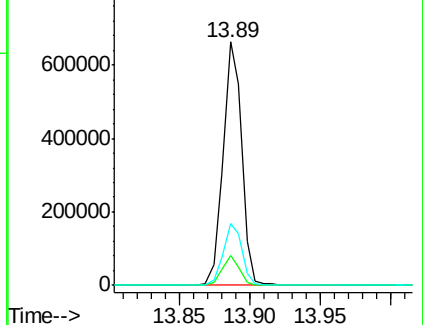
236 25.6 20.7 31.1



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: 83.701 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BF120008.D

Acq: 15 Apr 2020 22:48

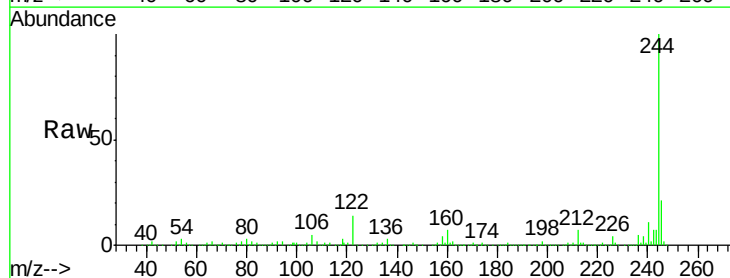
Tgt Ion:244 Resp: 3015367

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

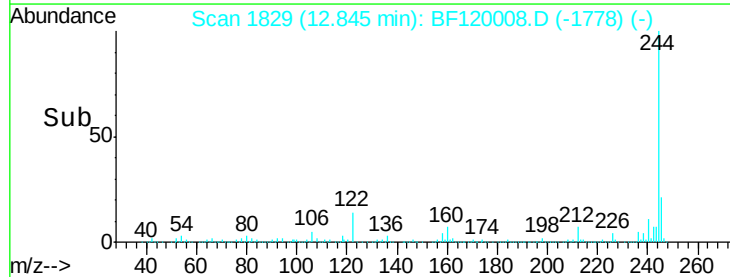
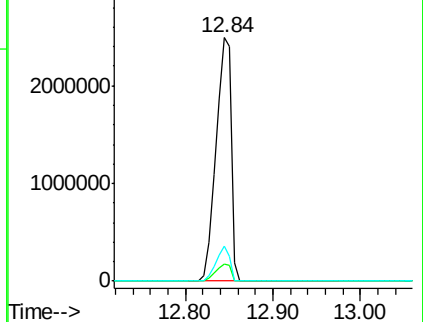
122 14.2 10.3 15.5

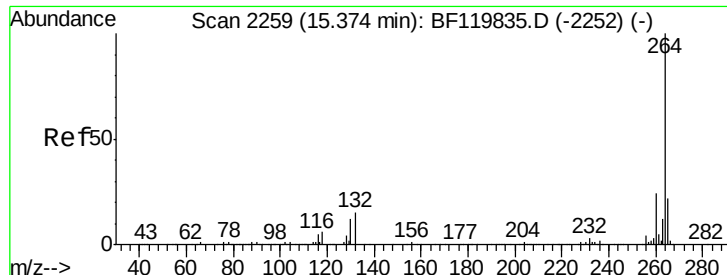


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.00 min
Lab File: BF120008.D
Acq: 15 Apr 2020 22:48

Instrument :
BNA_F
ClientSampleId :
TP-26

Tot Ion:264 Resp: 479631

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.3	28.9
265	21.6	17.6	26.4

