

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062520\
 Data File : BF120700.D
 Acq On : 25 Jun 2020 13:37
 Operator : JU/CG
 Sample : L3099-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Jun 25 14:36:49 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

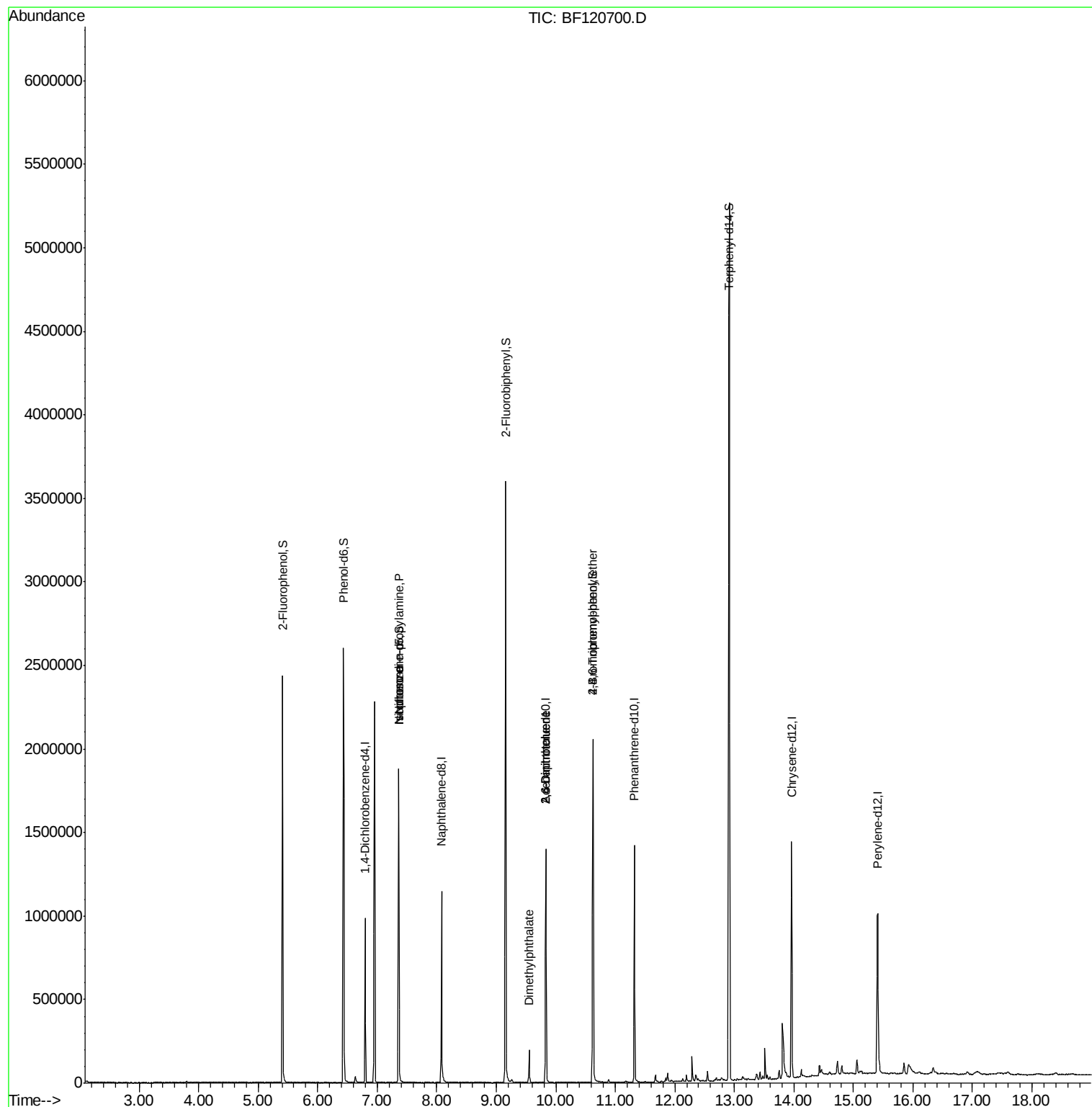
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	138856	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	527743	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	276500	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	539708	20.00	ng	0.00
76) Chrysene-d12	13.96	240	476732	20.00	ng	0.00
86) Perylene-d12	15.41	264	460484	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	693076	85.57	ng	0.00
7) Phenol-d6	6.43	99	942710	93.45	ng	0.00
23) Nitrobenzene-d5	7.36	82	616710	65.32	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	305847	95.14	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1124108	62.20	ng	0.00
79) Terphenyl-d14	12.92	244	2261215	104.77	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	80227	13.711	ng	# 77
25) Isophorone	7.36	82	616701	33.532	ng	# 62
50) Dimethylphthalate	9.55	163	90664	4.553	ng	# 99
51) 2,6-Dinitrotoluene	9.83	165	34674	7.683	ng	# 27
57) 2,4-Dinitrotoluene	9.83	165	34674	5.790	ng	# 29
67) 4-Bromophenyl-phenylether	10.62	248	18095	2.954	ng	# 1

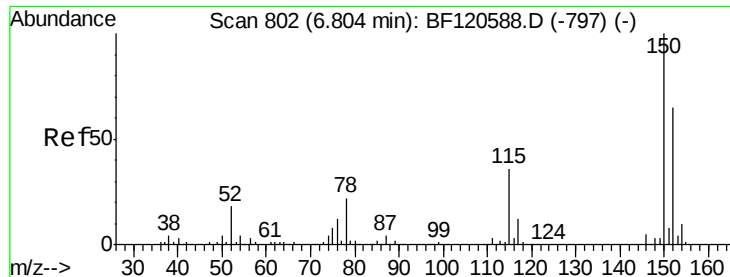
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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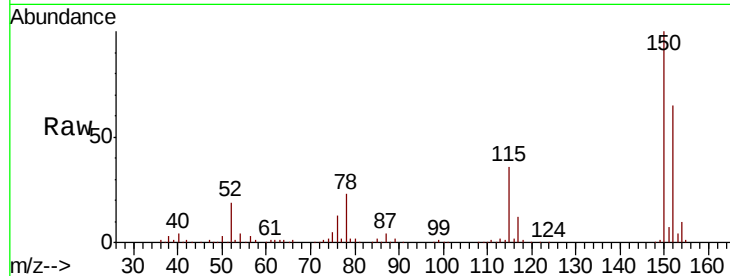


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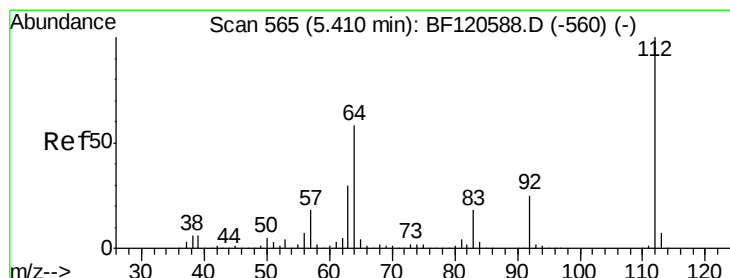
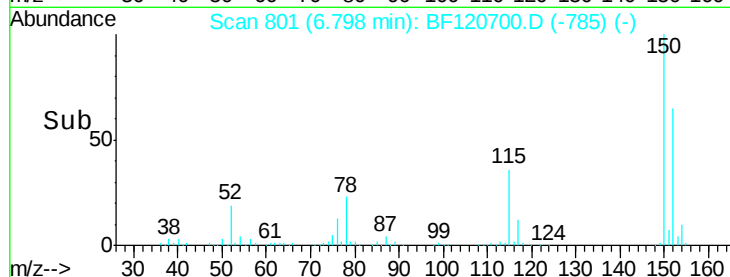
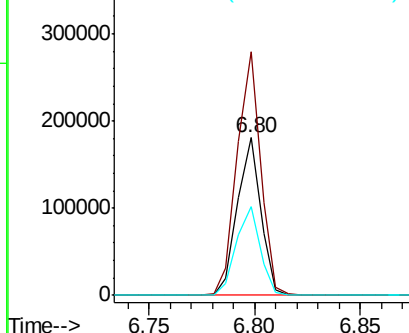
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120700.D
Acq: 25 Jun 2020 13:37

Instrument :
BNA_F
ClientSampleId :
TP-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	123.2	184.8
115	56.1	43.9	65.9



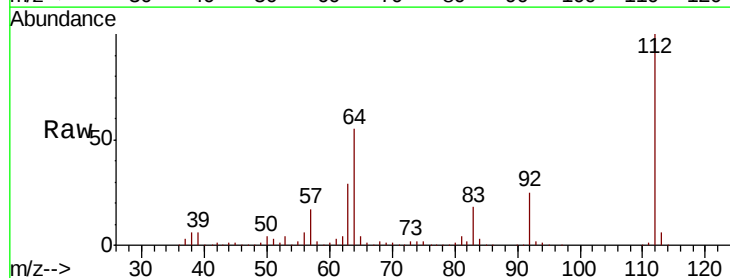
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



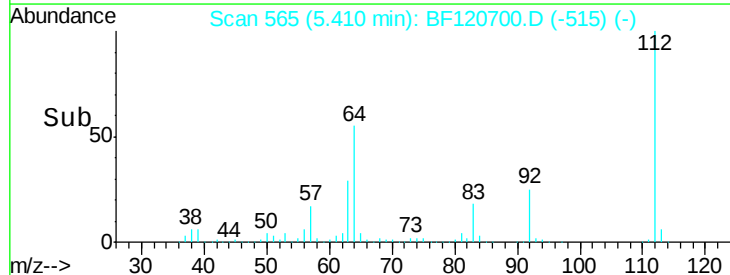
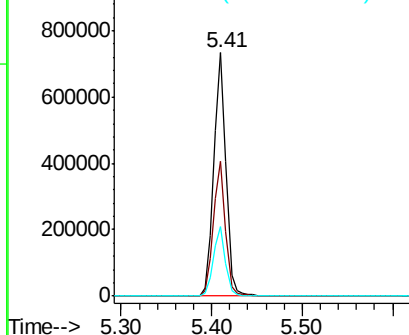
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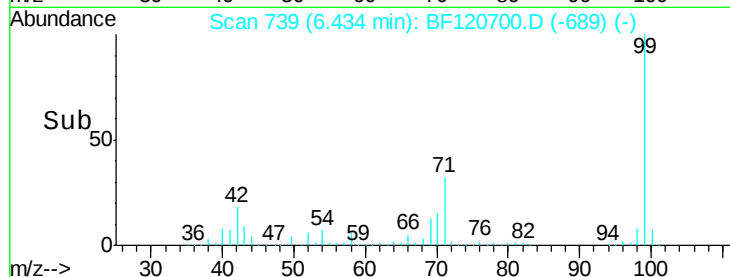
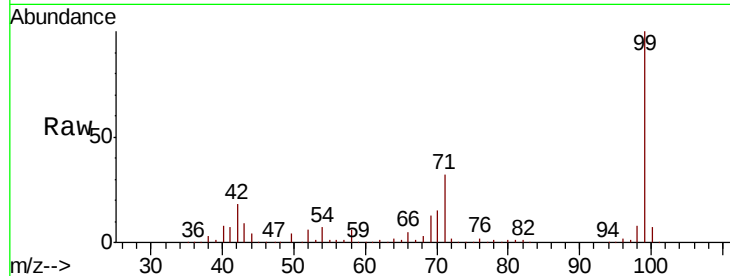
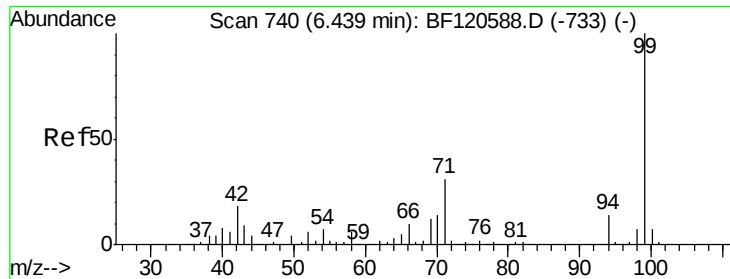
2-Fluorophenol
Concen: 85.574 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF120700.D
Acq: 25 Jun 2020 13:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	46.1	69.1
63	28.7	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: 93.454 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120700.D

Acq: 25 Jun 2020 13:37

Instrument :

BNA_F

ClientSampleId :

TP-4

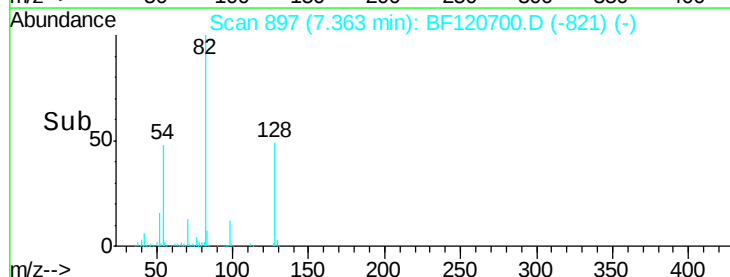
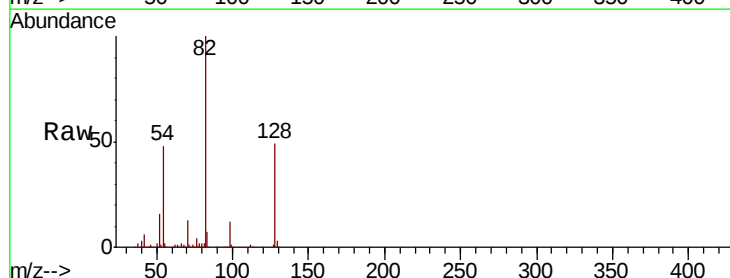
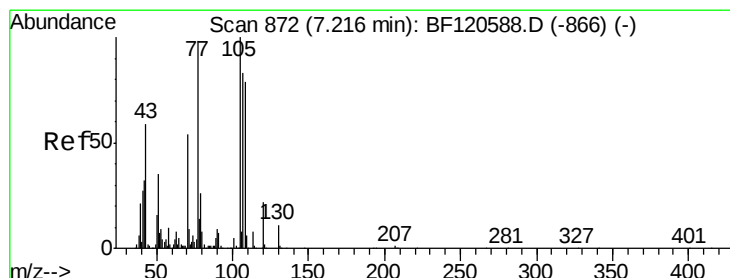
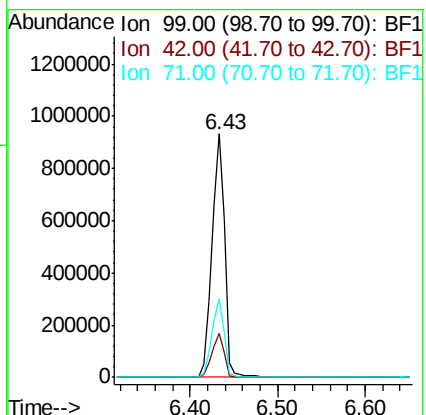
Tot Ion: 99 Resp: 942710

Ion Ratio Lower Upper

99 100

42 18.2 14.0 21.0

71 32.2 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 13.711 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.15 min

Lab File: BF120700.D

Acq: 25 Jun 2020 13:37

Tgt Ion: 70 Resp: 80227

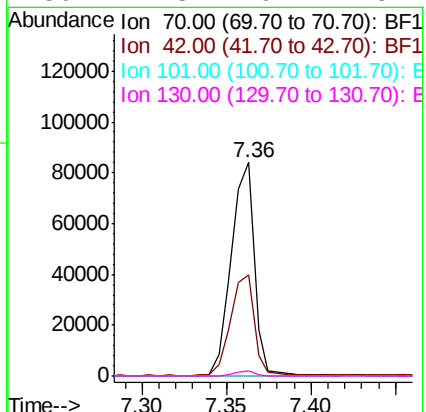
Ion Ratio Lower Upper

70 100

42 47.4 47.7 71.5#

101 0.0 7.6 11.4#

130 2.3 16.7 25.1#

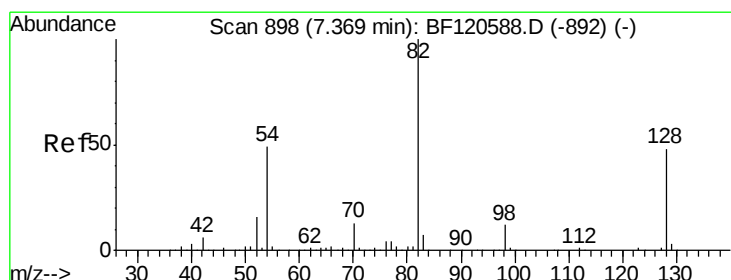
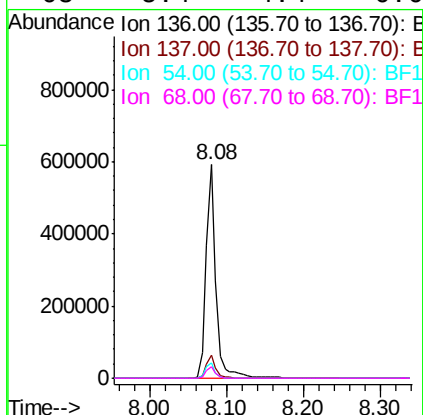
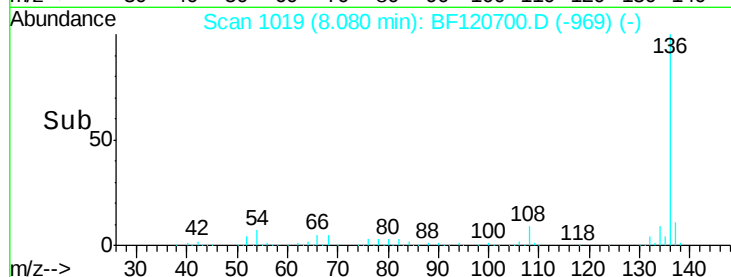
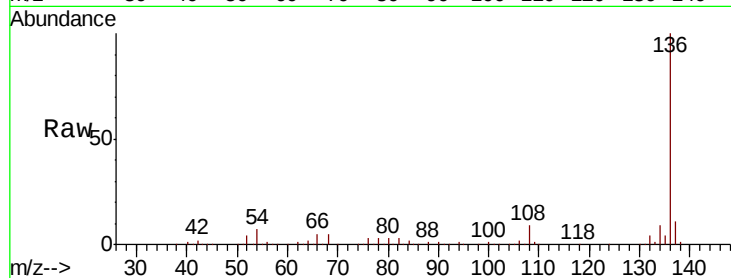




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF120700.D
Acq: 25 Jun 2020 13:37

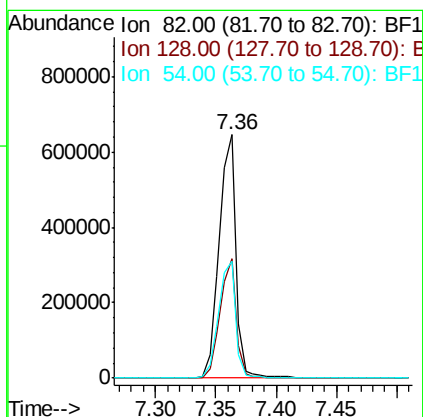
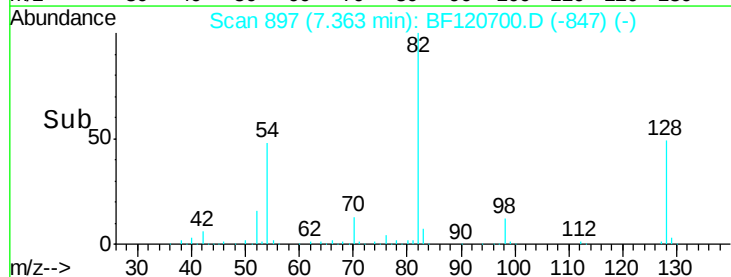
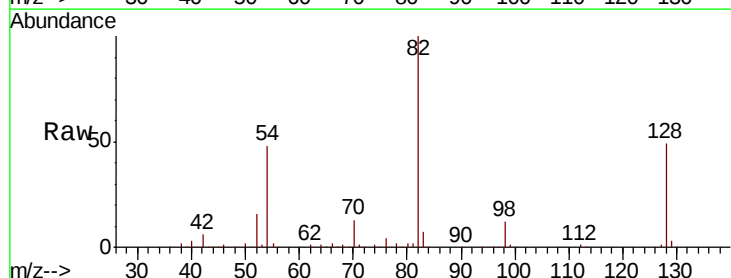
Instrument :
BNA_F
ClientSampleId :
TP-4

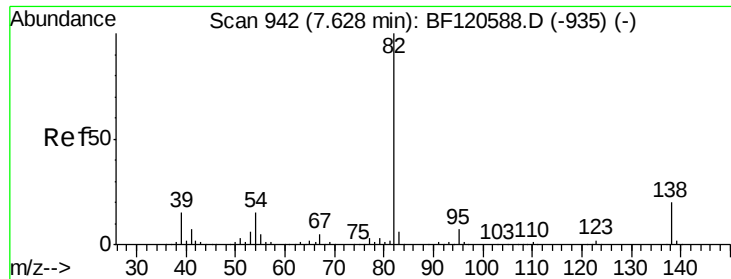
Tot Ion:136 Resp: 527743
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.2 5.8 8.6
68 5.4 4.4 6.6



#23
Nitrobenzene-d5
Concen: 65.320 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF120700.D
Acq: 25 Jun 2020 13:37

Tgt Ion: 82 Resp: 616710
Ion Ratio Lower Upper
82 100
128 48.9 38.0 57.0
54 48.2 38.8 58.2

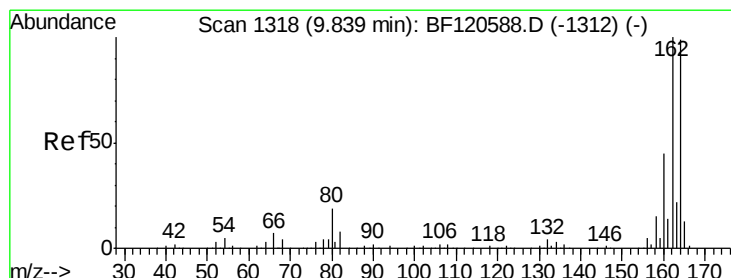
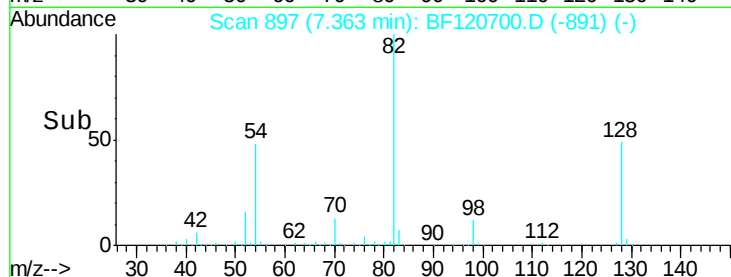
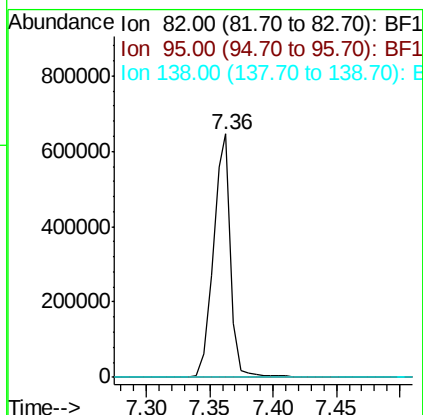
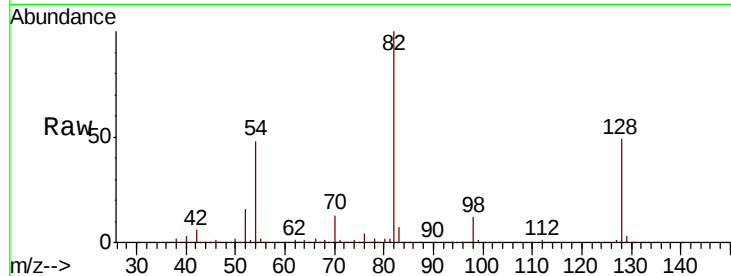




#25
Isophorone
Concen: 33.532 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF120700.D
Acq: 25 Jun 2020 13:37

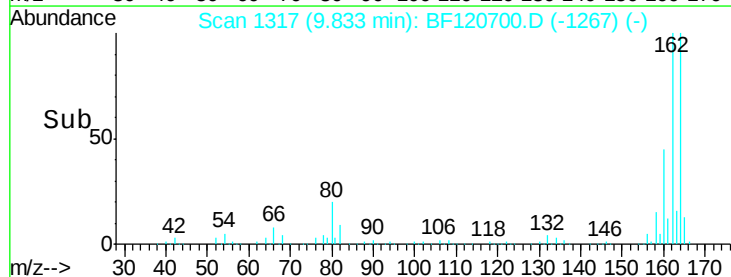
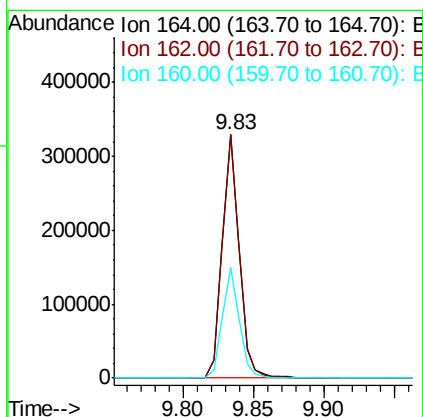
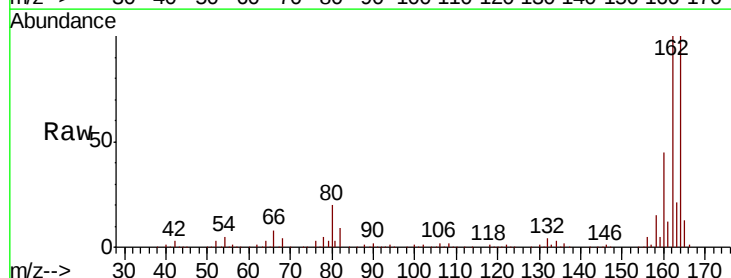
Instrument :
BNA_F
ClientSampled :
TP-4

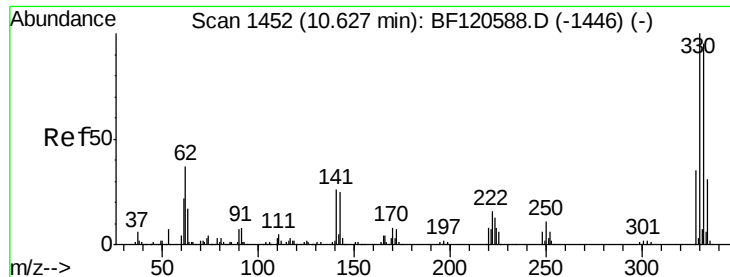
Tot Ion: 82 Resp: 616701
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 16.2 24.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF120700.D
Acq: 25 Jun 2020 13:37

Tgt Ion: 164 Resp: 276500
Ion Ratio Lower Upper
164 100
162 99.9 80.6 120.8
160 45.3 36.2 54.2

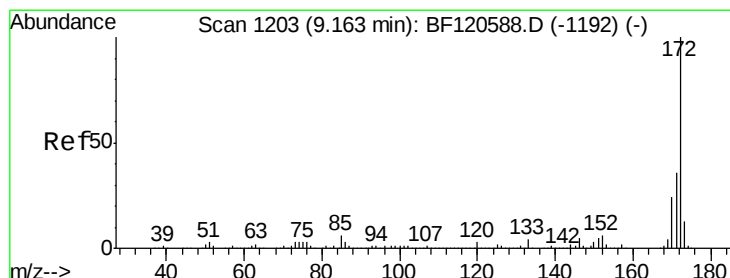
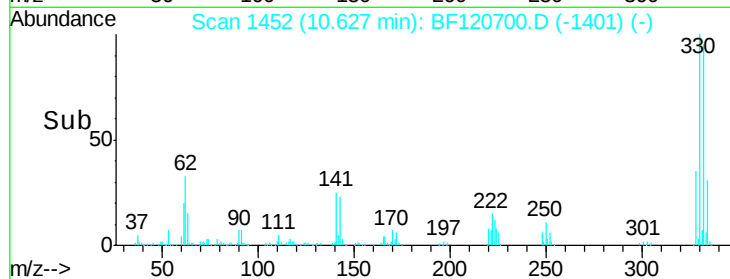
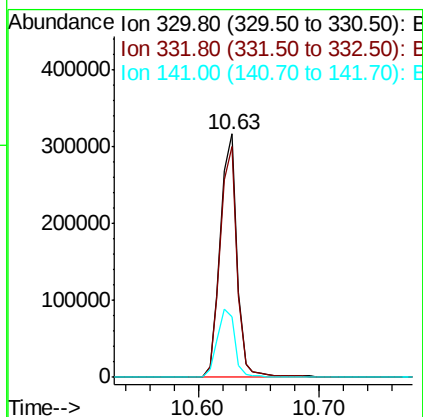
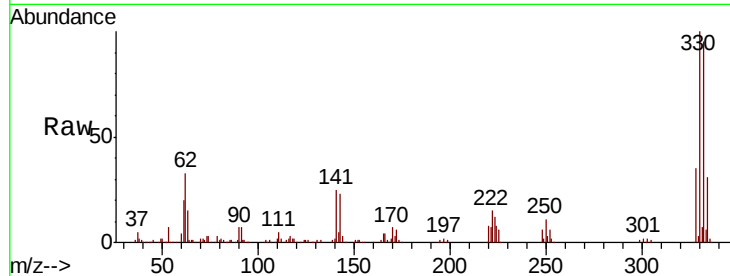




#42
 2,4,6-Tribromophenol
 Concen: 95.140 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BF120700.D
 Acq: 25 Jun 2020 13:37

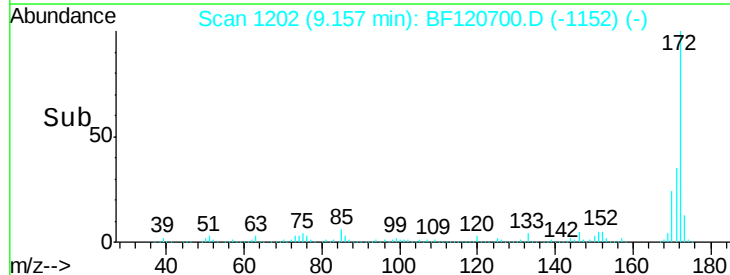
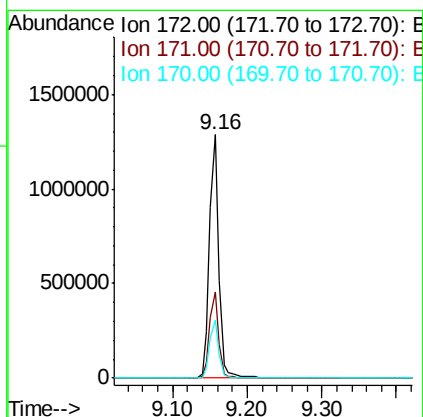
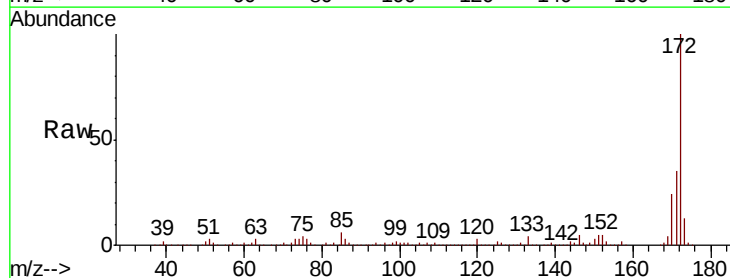
Instrument :
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 ClientSampleId :
 TP-4

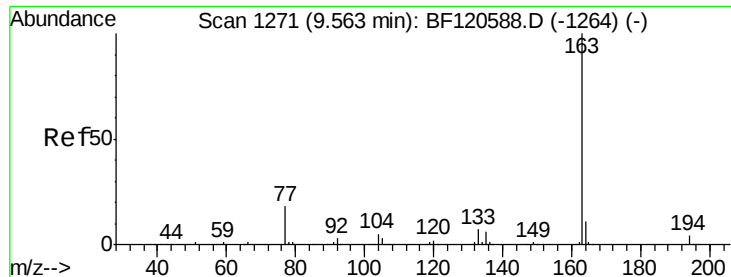
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.8	115.2
141	29.2	23.2	34.8



#45
 2-Fluorobiphenyl
 Concen: 62.201 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF120700.D
 Acq: 25 Jun 2020 13:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.0	43.4
170	23.8	19.4	29.2

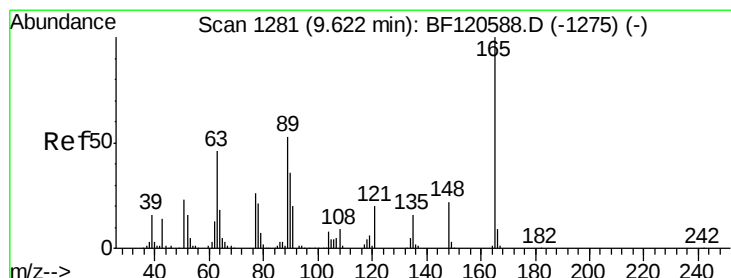
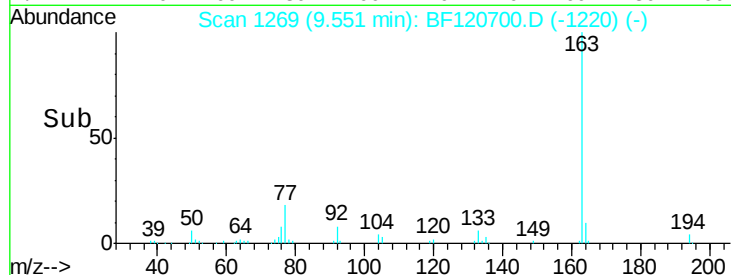
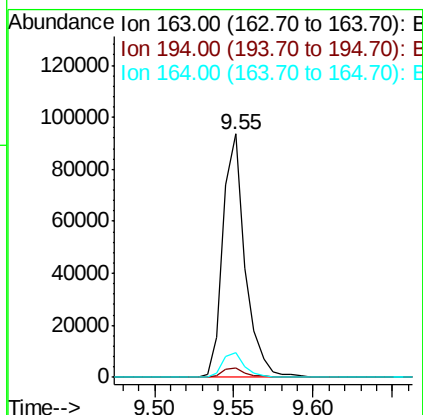
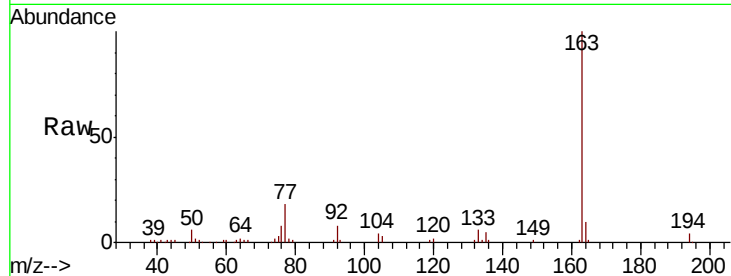




#50
 Dimethylphthalate
 Concen: 4.553 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BF120700.D
 Acq: 25 Jun 2020 13:37

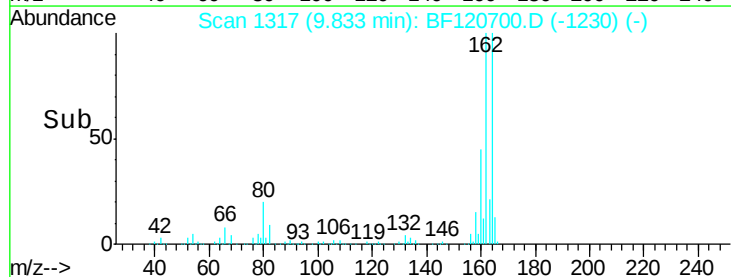
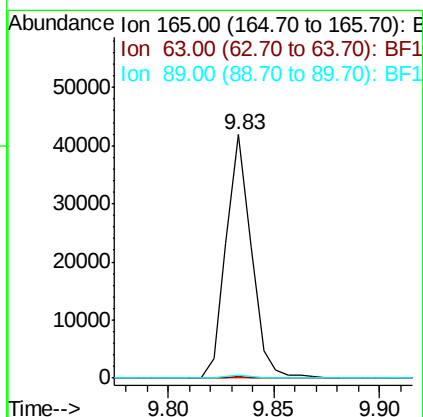
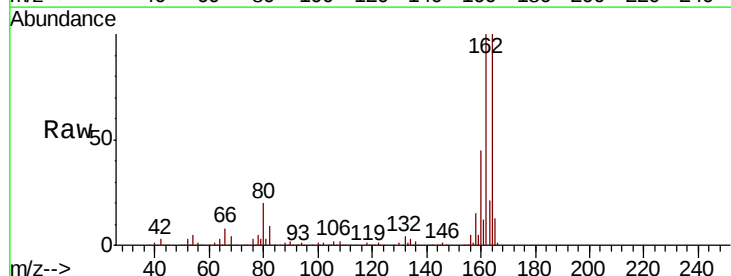
Instrument :
 BNA_F
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 TP-4

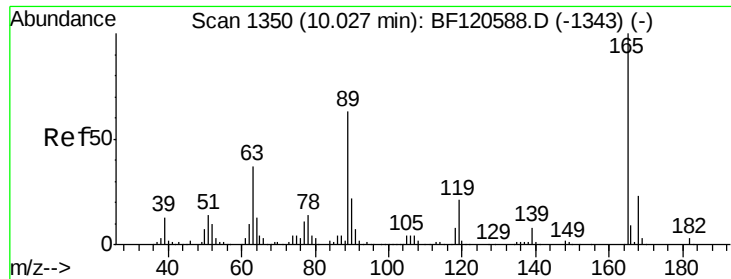
Tot Ion:	163	Resp:	90664
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	10.0	8.5	12.7



#51
 2,6-Dinitrotoluene
 Concen: 7.683 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.21 min
 Lab File: BF120700.D
 Acq: 25 Jun 2020 13:37

Tgt Ion:	165	Resp:	34674
Ion	Ratio	Lower	Upper
165	100		
63	0.8	41.7	62.5#
89	1.3	42.6	64.0#

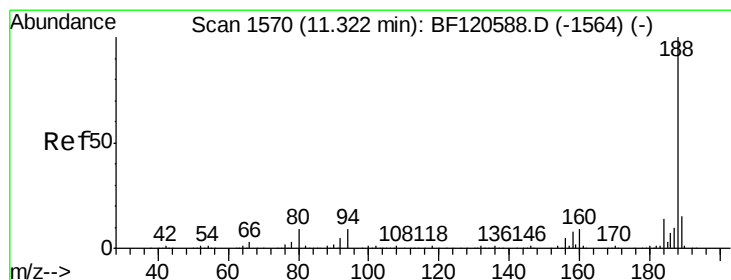
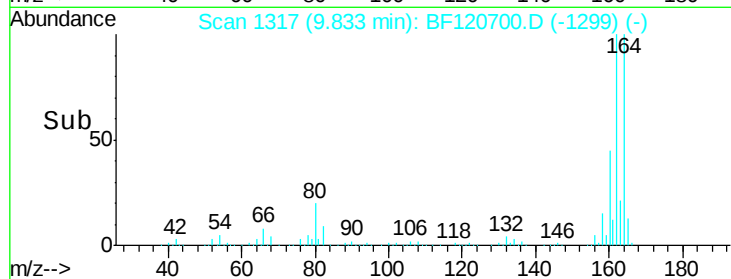
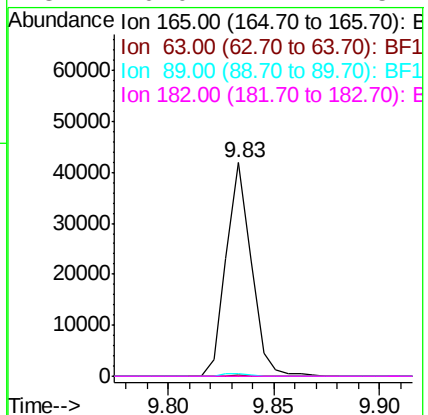
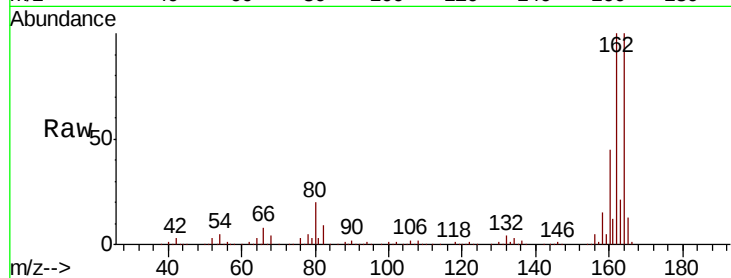




#57
 2,4-Dinitrotoluene
 Concen: 5.790 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.19 min
 Lab File: BF120700.D
 Acq: 25 Jun 2020 13:37

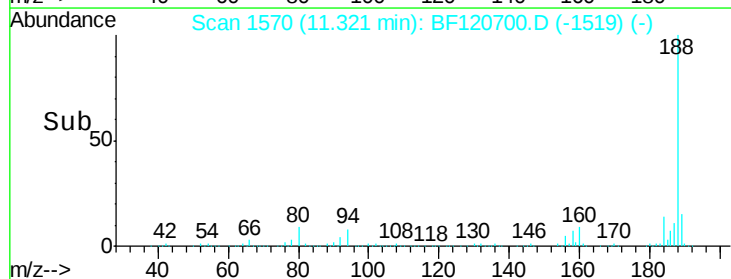
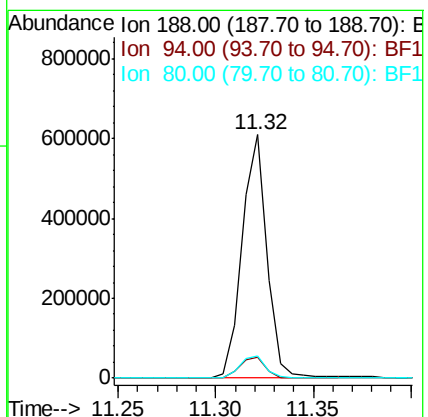
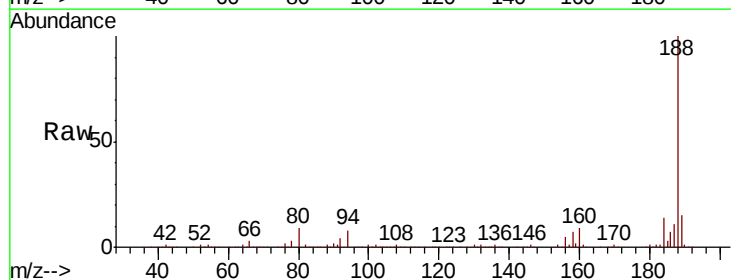
Instrument :
 BNA_F
 ClientSampleId :
 TP-4

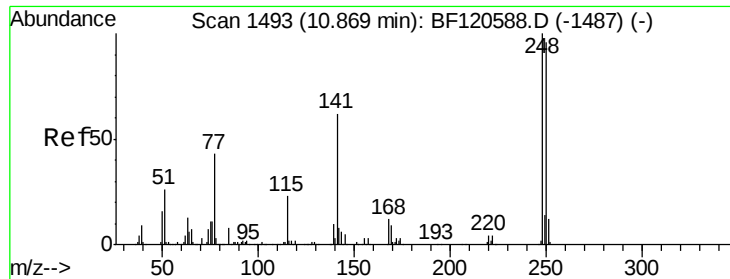
Tot Ion:165	Resp:	34674
Ion Ratio	Lower	Upper
165	100	
63	0.8	29.8 44.8#
89	1.3	50.4 75.6#
182	0.0	2.1 3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BF120700.D
 Acq: 25 Jun 2020 13:37

Tgt Ion:188	Resp:	539708
Ion Ratio	Lower	Upper
188	100	
94	8.4	7.2 10.8
80	8.9	7.4 11.2

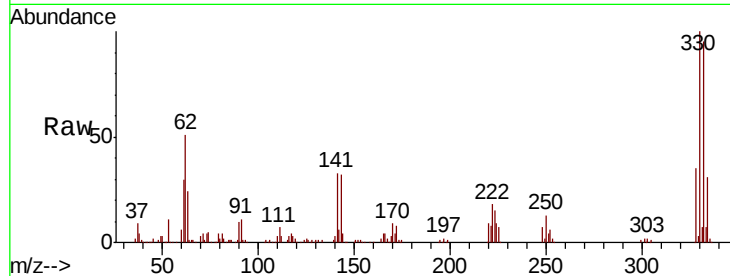




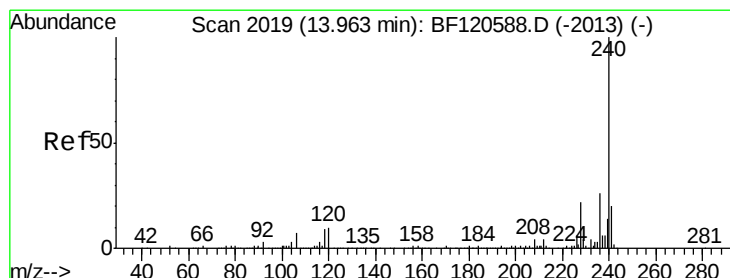
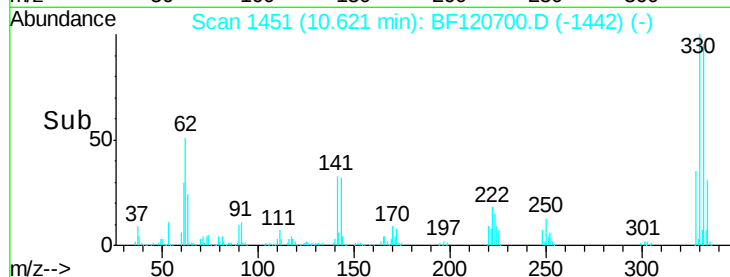
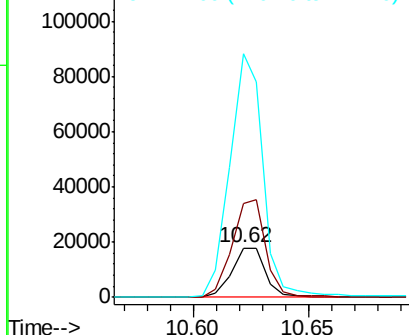
#67
 4-Bromophenyl-phenylether
 Concen: 2.954 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.25 min
 Lab File: BF120700.D
 Acq: 25 Jun 2020 13:37

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tot Ion:248 Resp: 18095
 Ion Ratio Lower Upper
 248 100
 250 191.6 76.7 115.1#
 141 494.4 49.4 74.0#

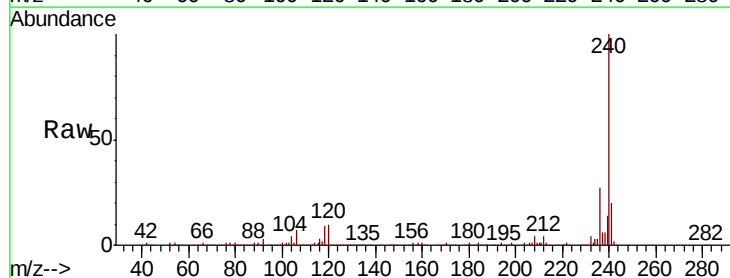


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

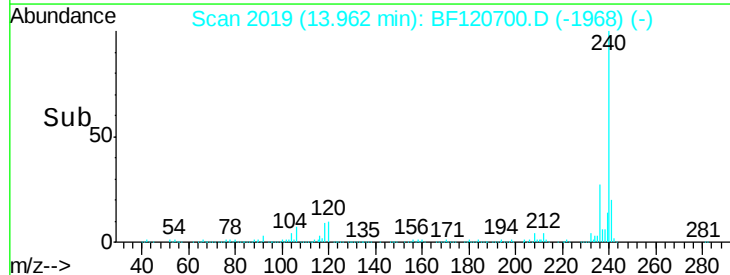
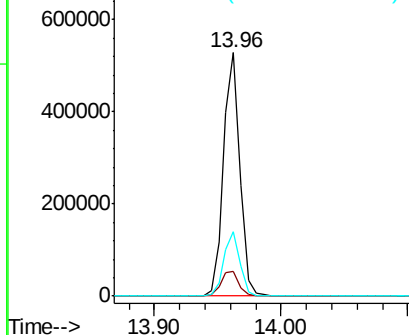


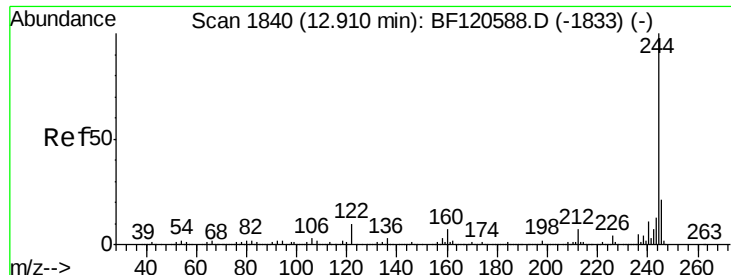
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF120700.D
 Acq: 25 Jun 2020 13:37

Tgt Ion:240 Resp: 476732
 Ion Ratio Lower Upper
 240 100
 120 10.3 8.3 12.5
 236 26.6 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

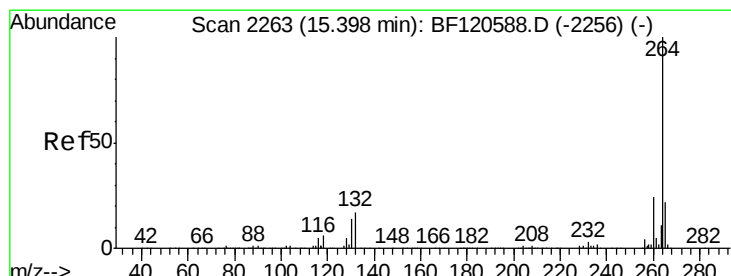
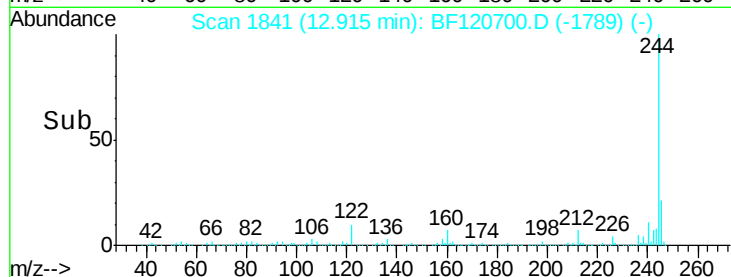
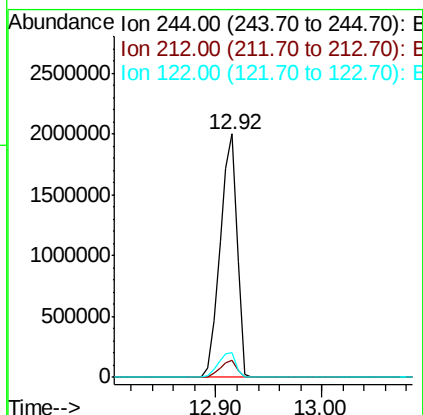
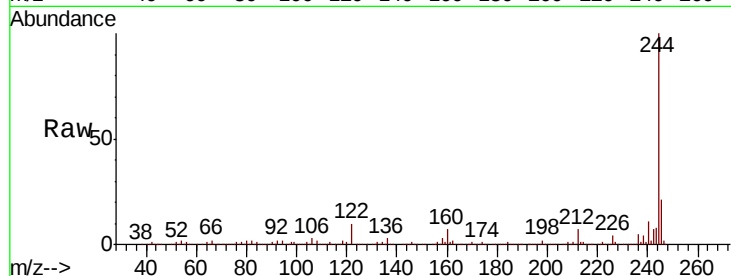




#79
 Terphenyl-d14
 Concen: 104.771 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.01 min
 Lab File: BF120700.D
 Acq: 25 Jun 2020 13:37

Instrument :
 BNA_F
 ClientSampled :
 TP-4

Tot Ion:244 Resp: 2261215
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 10.3 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. 0.01 min
 Lab File: BF120700.D
 Acq: 25 Jun 2020 13:37

Tgt Ion:264 Resp: 460484
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.3 28.9
 265 21.6 17.8 26.8

