

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061920\
 Data File : BF120668.D
 Acq On : 19 Jun 2020 17:22
 Operator : JU/CG
 Sample : L3024-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-6

Quant Time: Jun 20 00:45:21 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

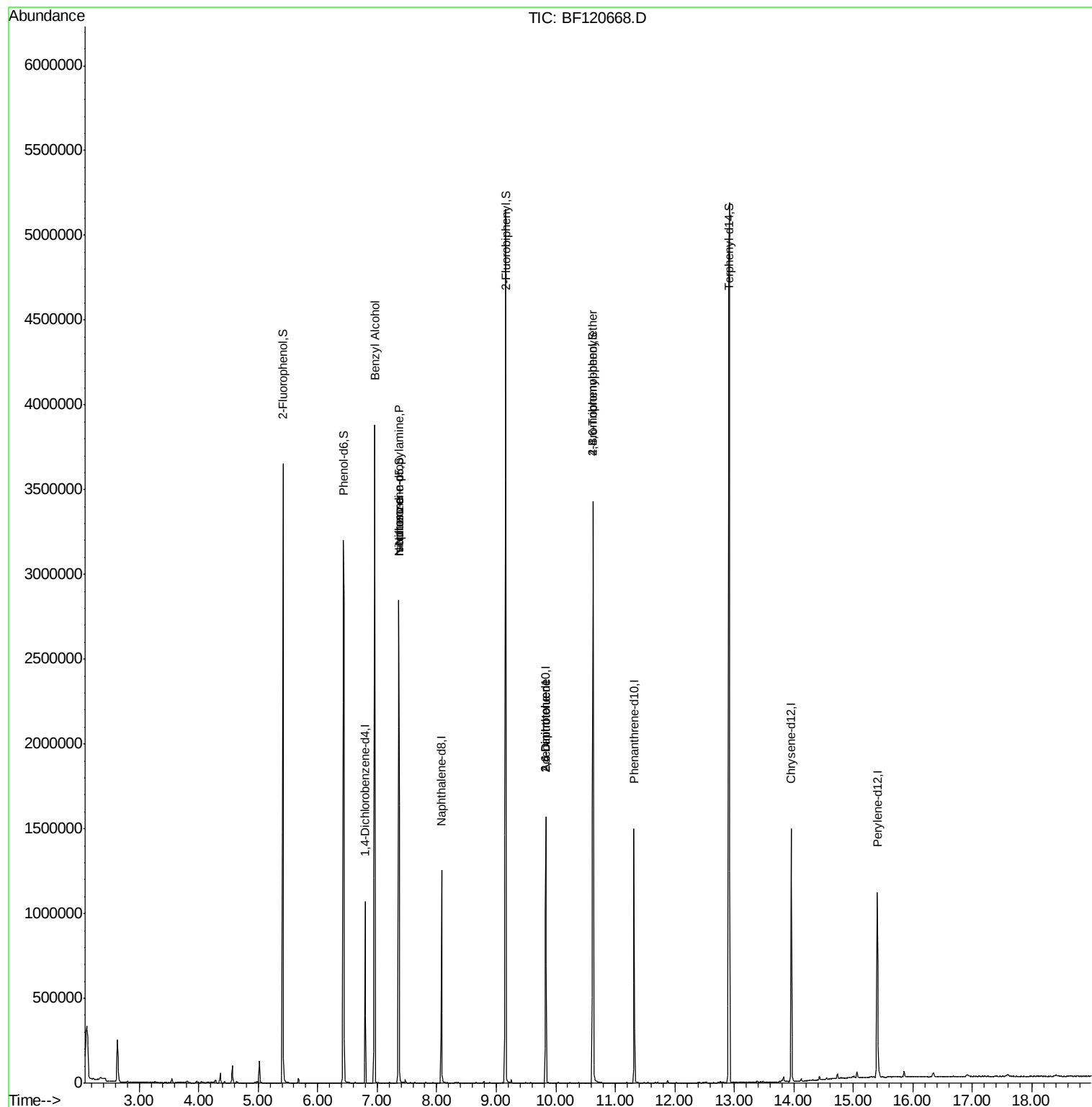
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	144912	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	546682	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	292731	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	588446	20.00	ng	0.00
76) Chrysene-d12	13.96	240	515659	20.00	ng	0.00
86) Perylene-d12	15.40	264	511959	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1132988	134.04	ng	0.00
7) Phenol-d6	6.43	99	1327020	126.05	ng	0.00
23) Nitrobenzene-d5	7.36	82	999080	102.15	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	514346	151.13	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1836420	95.98	ng	0.00
79) Terphenyl-d14	12.92	244	2343677	100.39	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.96	79	15671	2.099	ng	# 46
19) n-Nitroso-di-n-propylamine	7.36	70	132901	21.764	ng	# 77
25) Isophorone	7.36	82	994887	52.221	ng	# 62
51) 2,6-Dinitrotoluene	9.83	165	37547	7.858	ng	# 27
57) 2,4-Dinitrotoluene	9.83	165	37547	5.922	ng	# 29
67) 4-Bromophenyl-phenylether	10.63	248	29779	4.459	ng	# 1

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

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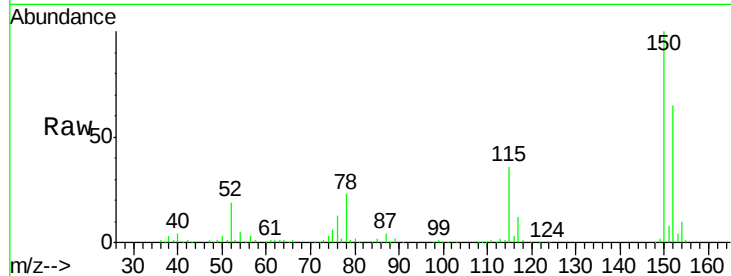


#1

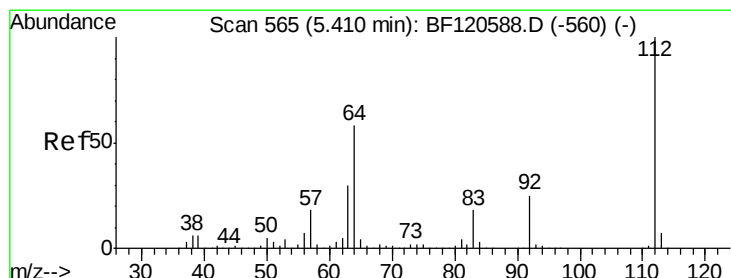
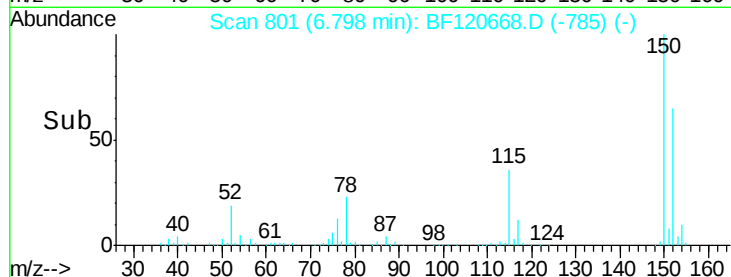
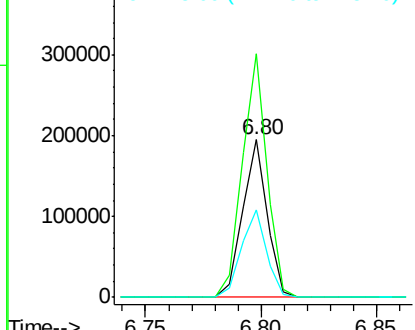
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120668.D
Acq: 19 Jun 2020 17:22

Instrument :
BNA_F
ClientSampleId :
RO-6

Tot Ion:152 Resp: 144912
Ion Ratio Lower Upper
152 100
150 154.3 123.2 184.8
115 55.5 43.9 65.9



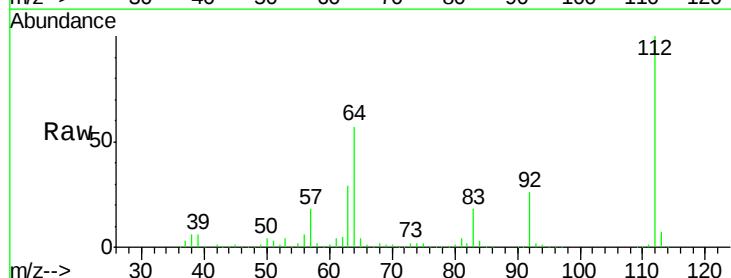
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



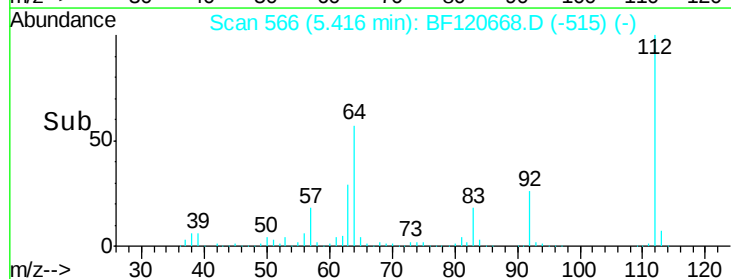
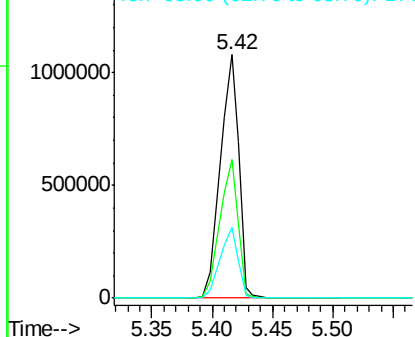
#5

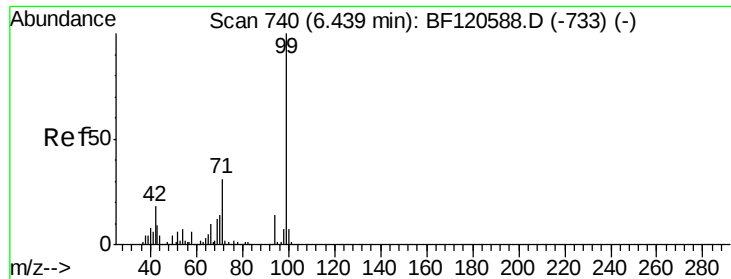
2-Fluorophenol
Concen: 134.044 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF120668.D
Acq: 19 Jun 2020 17:22

Tgt Ion:112 Resp: 1132988
Ion Ratio Lower Upper
112 100
64 56.7 46.1 69.1
63 29.0 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: 126.054 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120668.D

Acq: 19 Jun 2020 17:22

Instrument :

BNA_F

ClientSampleId :

RO-6

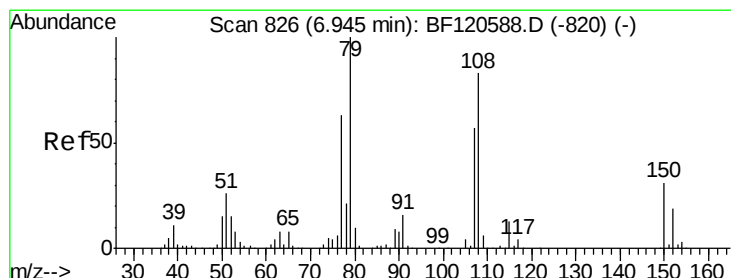
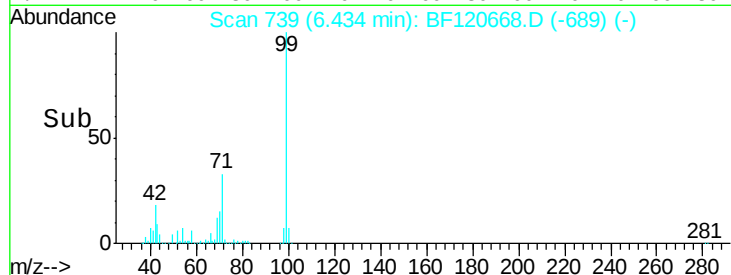
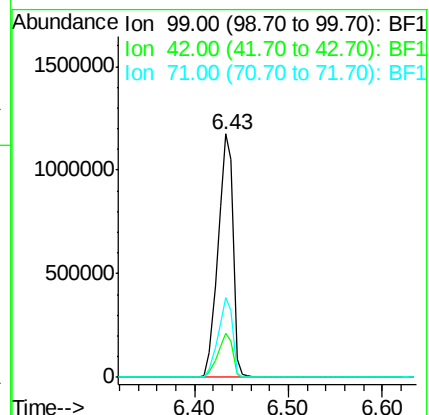
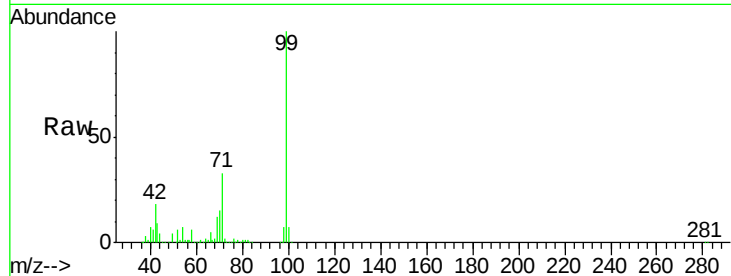
Tot Ion: 99 Resp: 1327020

Ion Ratio Lower Upper

99 100

42 17.8 14.0 21.0

71 32.6 24.9 37.3



#15

Benzyl Alcohol

Concen: 2.099 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.01 min

Lab File: BF120668.D

Acq: 19 Jun 2020 17:22

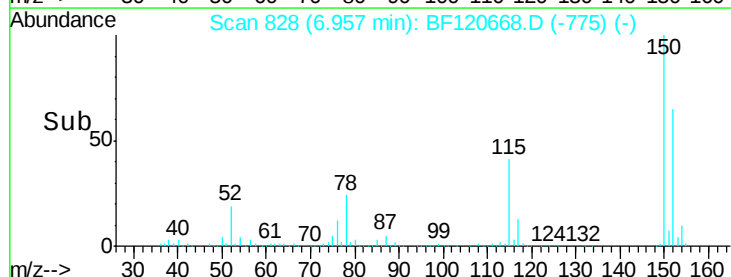
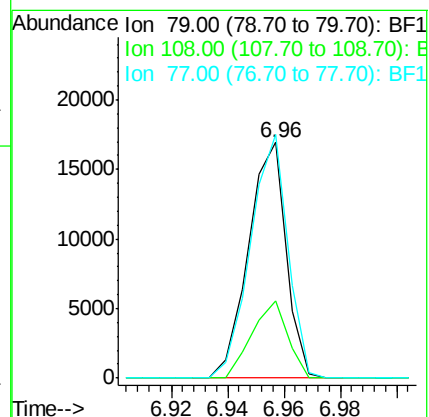
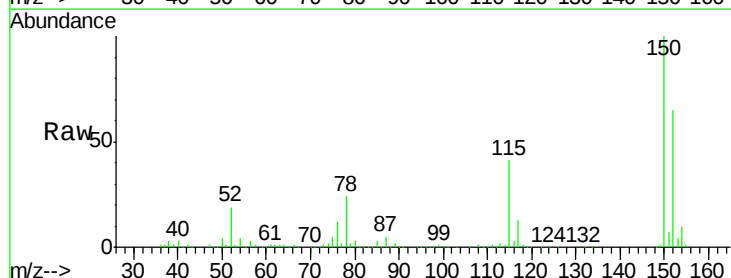
Tgt Ion: 79 Resp: 15671

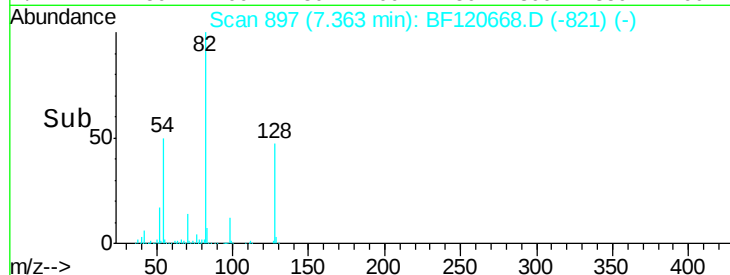
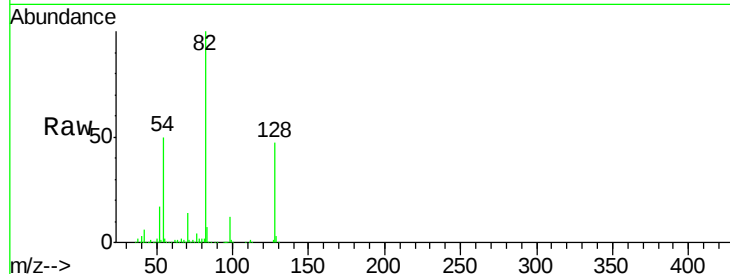
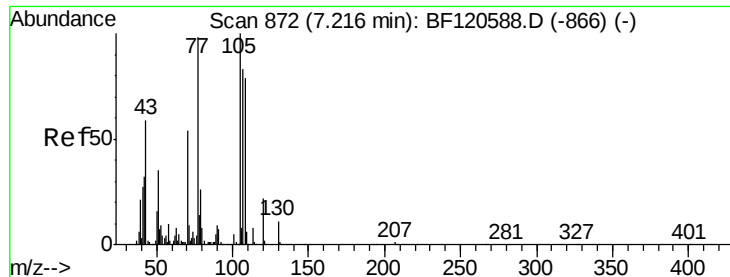
Ion Ratio Lower Upper

79 100

108 32.9 66.8 100.2#

77 103.5 50.6 76.0#

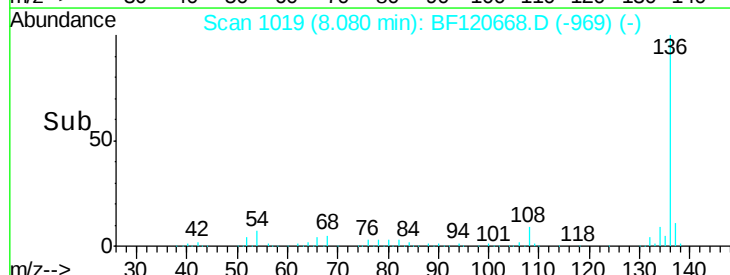
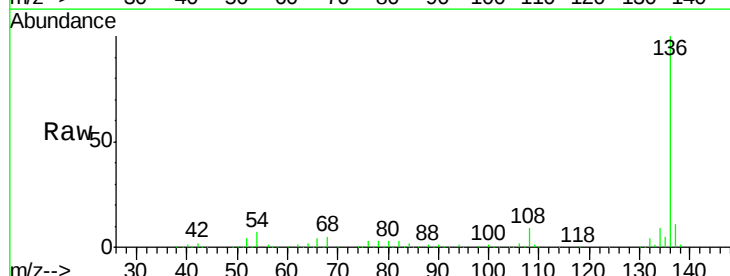
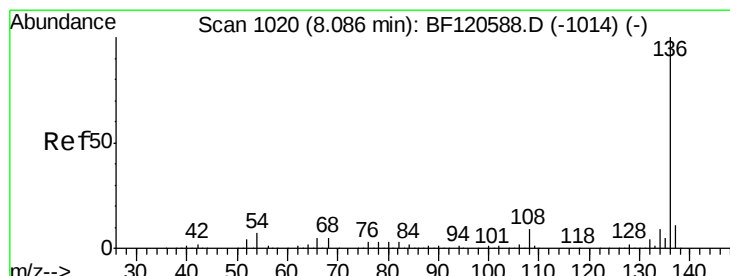
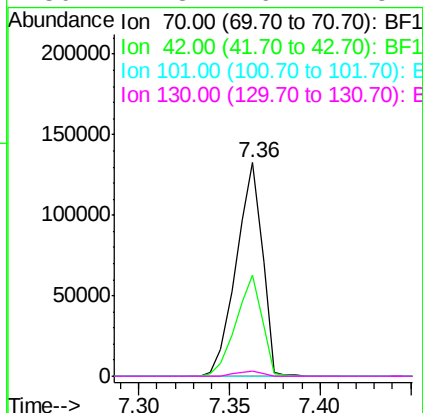




#19
n-Nitroso-di-n-propylamine
Concen: 21.764 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.15 min
Lab File: BF120668.D
Acq: 19 Jun 2020 17:22

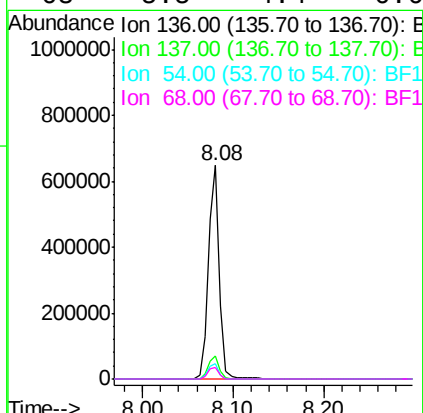
Instrument :
BNA_F
ClientSampleId :
RO-6

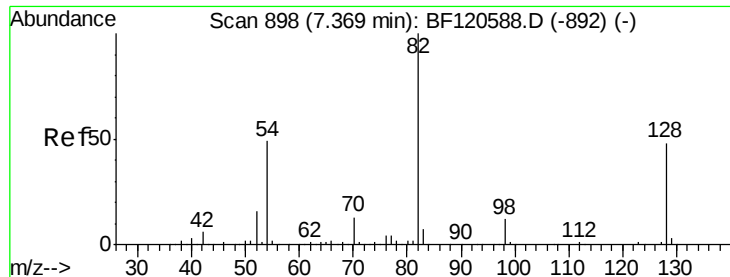
Tot Ion: 70 Resp: 132901
Ion Ratio Lower Upper
70 100
42 47.5 47.7 71.5#
101 0.0 7.6 11.4#
130 2.3 16.7 25.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF120668.D
Acq: 19 Jun 2020 17:22

Tgt Ion:136 Resp: 546682
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.1 5.8 8.6
68 5.5 4.4 6.6

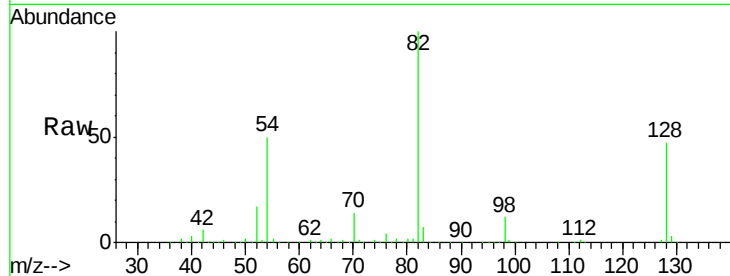




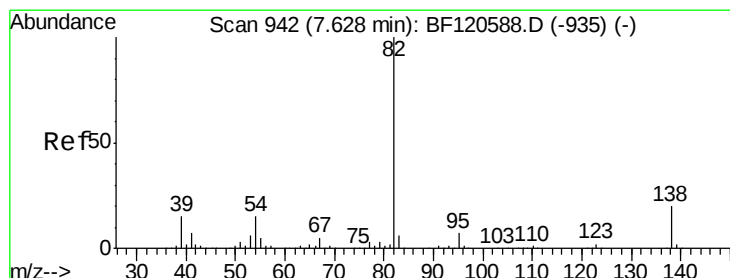
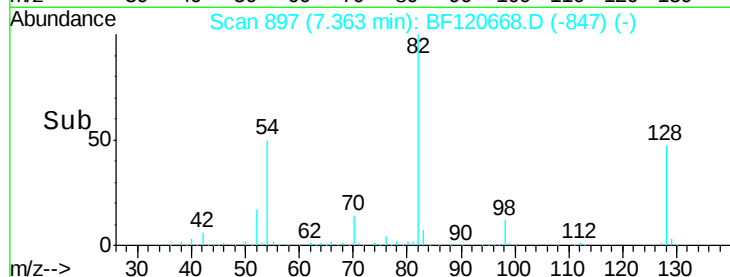
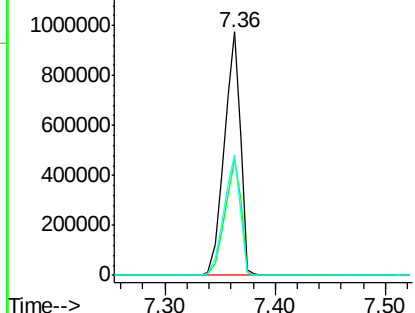
#23
Nitrobenzene-d5
Concen: 102.153 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF120668.D
Acq: 19 Jun 2020 17:22

Instrument :
BNA_F
ClientSampleId :
RO-6

Tot Ion: 82 Resp: 999080
Ion Ratio Lower Upper
82 100
128 47.4 38.0 57.0
54 49.6 38.8 58.2

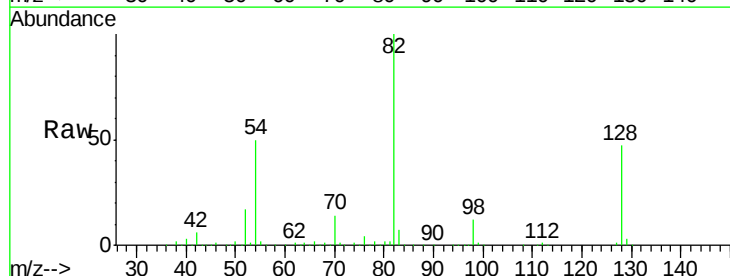


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

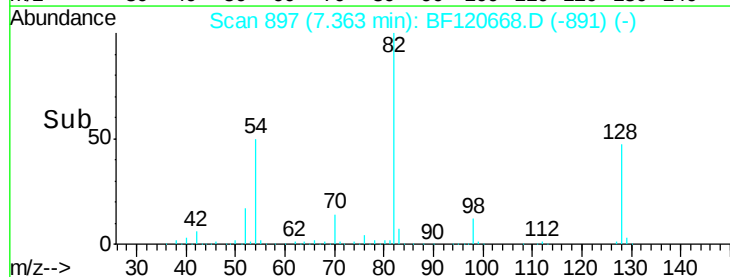
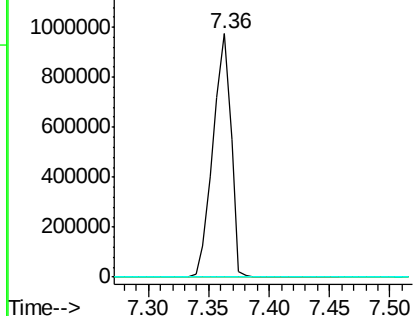


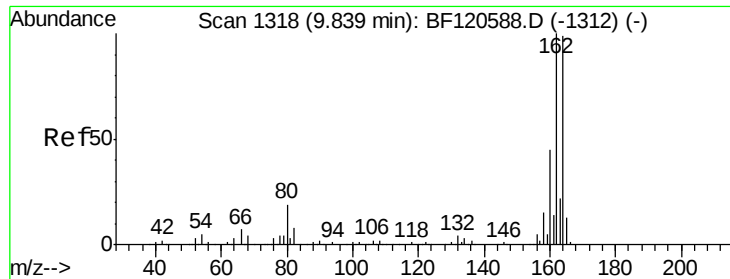
#25
Isophorone
Concen: 52.221 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF120668.D
Acq: 19 Jun 2020 17:22

Tgt Ion: 82 Resp: 994887
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: BF120668.D

Acq: 19 Jun 2020 17:22

Instrument :

BNA_F

ClientSampleId :

RO-6

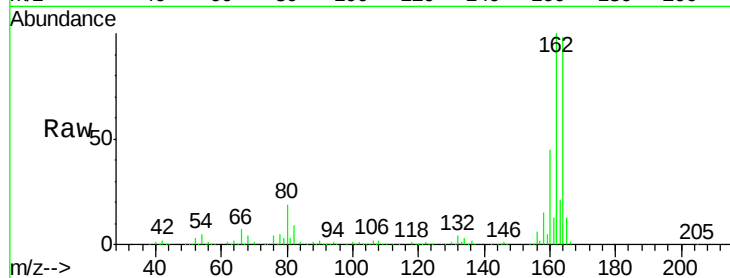
Tot Ion:164 Resp: 292731

Ion Ratio Lower Upper

164 100

162 101.7 80.6 120.8

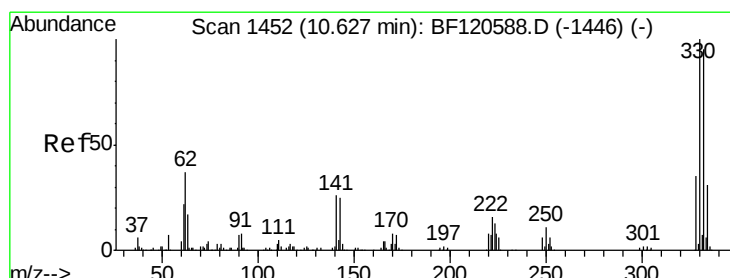
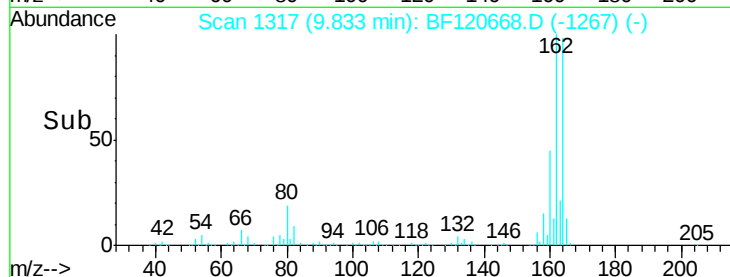
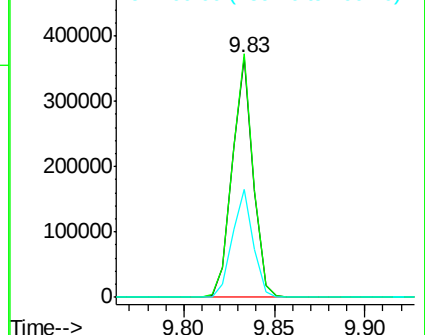
160 45.4 36.2 54.2



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: 151.127 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BF120668.D

Acq: 19 Jun 2020 17:22

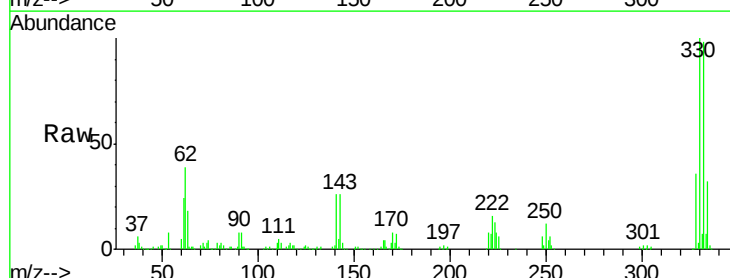
Tgt Ion:330 Resp: 514346

Ion Ratio Lower Upper

330 100

332 96.2 76.8 115.2

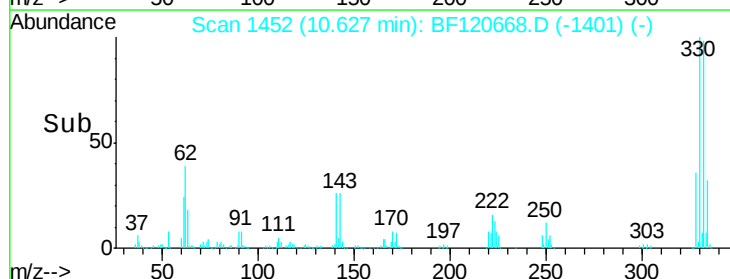
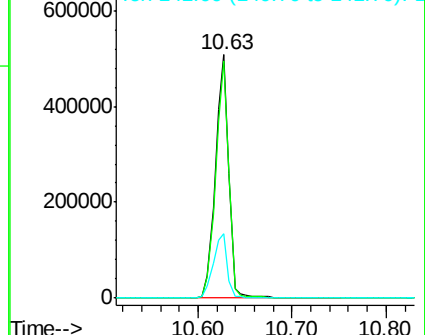
141 27.8 23.2 34.8

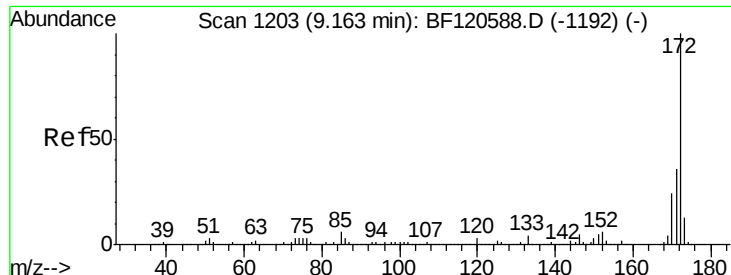


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

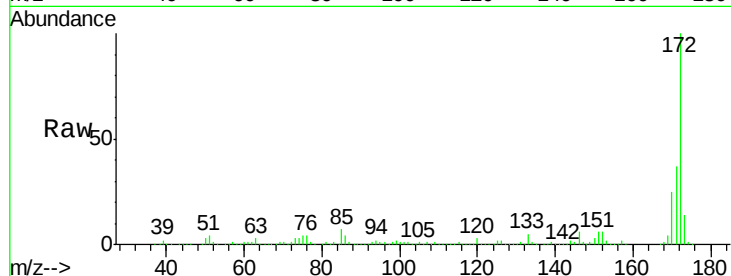




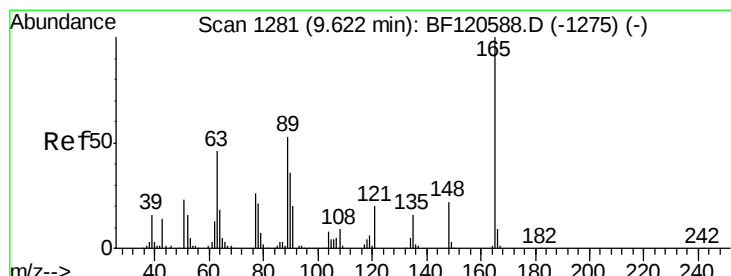
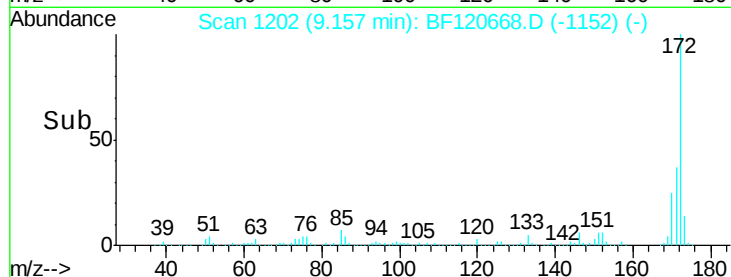
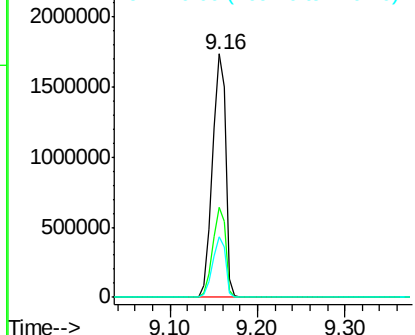
#45
 2-Fluorobiphenyl
 Concen: 95.982 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF120668.D
 Acq: 19 Jun 2020 17:22

Instrument :
 BNA_F
 ClientSampleId :
 RO-6

Tot Ion:172 Resp: 1836420
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.0 43.4
 170 24.7 19.4 29.2

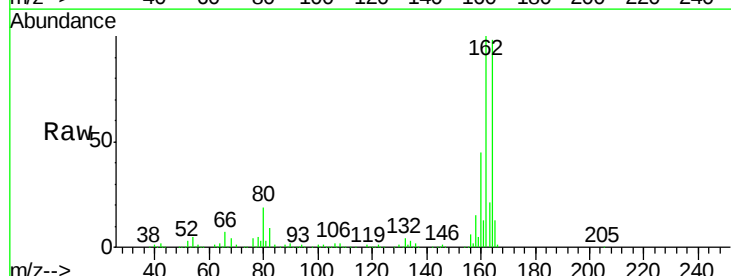


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

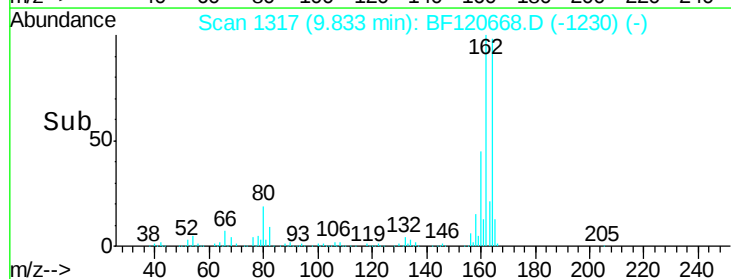
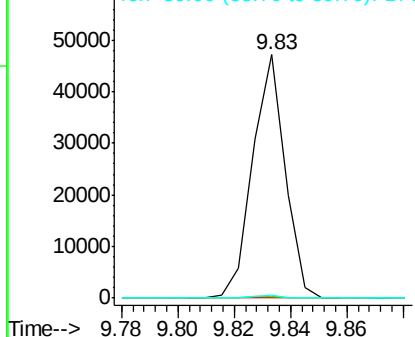


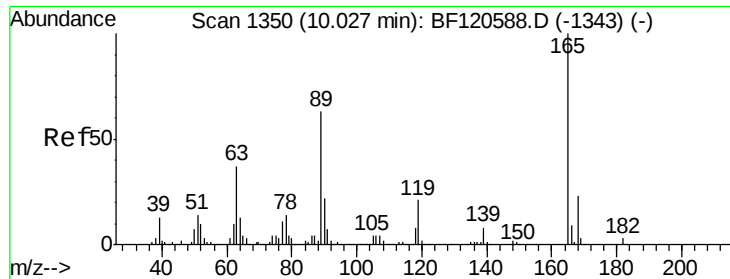
#51
 2,6-Dinitrotoluene
 Concen: 7.858 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.21 min
 Lab File: BF120668.D
 Acq: 19 Jun 2020 17:22

Tgt Ion:165 Resp: 37547
 Ion Ratio Lower Upper
 165 100
 63 0.8 41.7 62.5#
 89 1.2 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

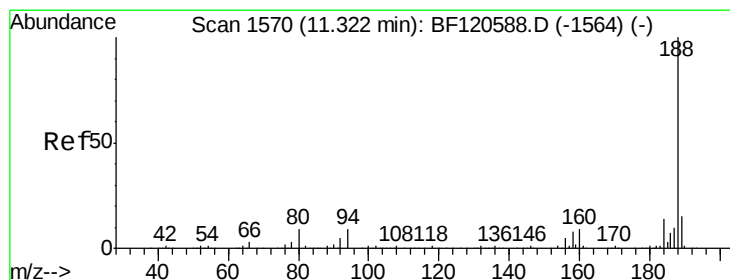
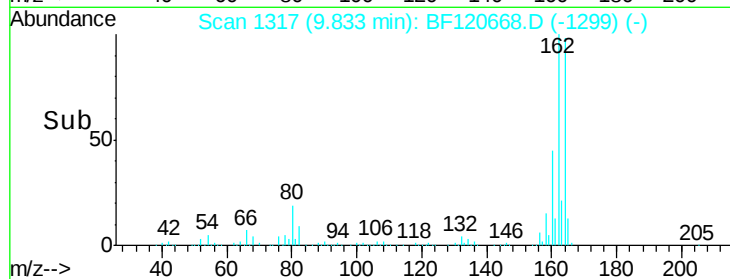
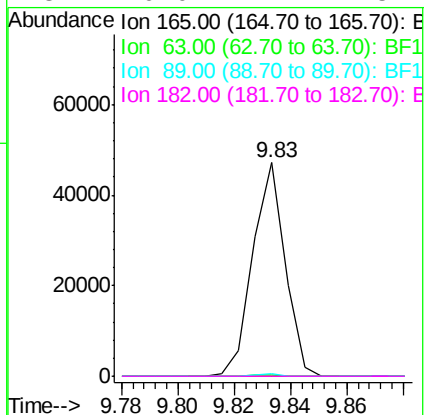
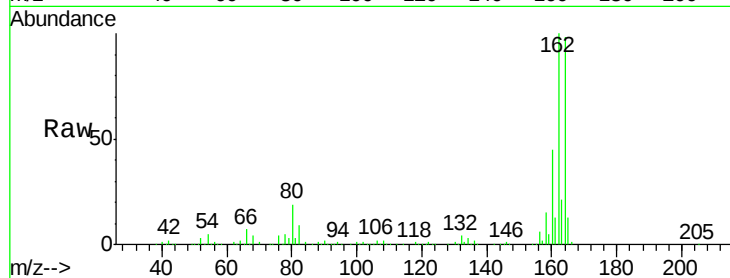




#57
 2,4-Dinitrotoluene
 Concen: 5.922 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.19 min
 Lab File: BF120668.D
 Acq: 19 Jun 2020 17:22

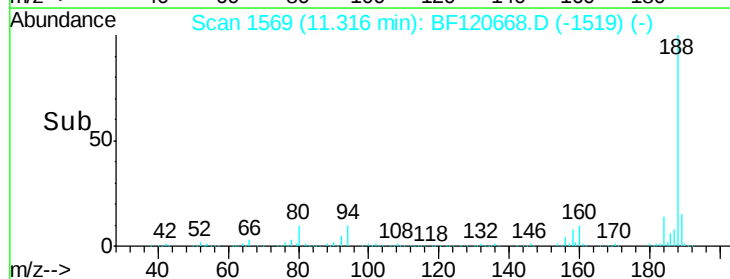
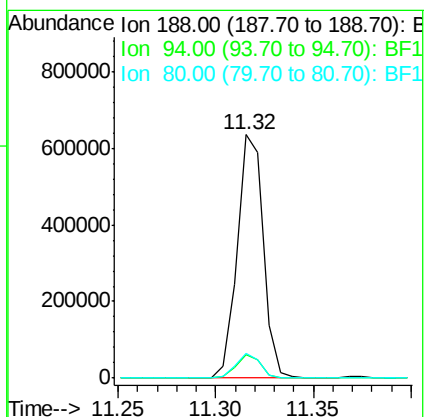
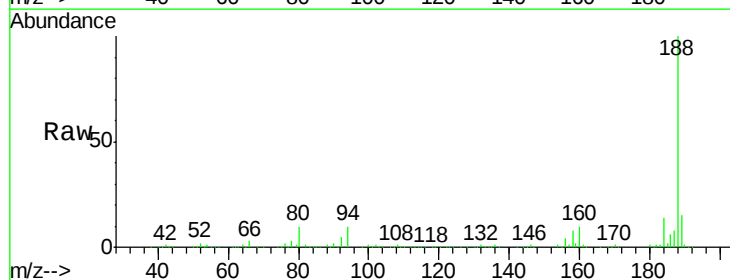
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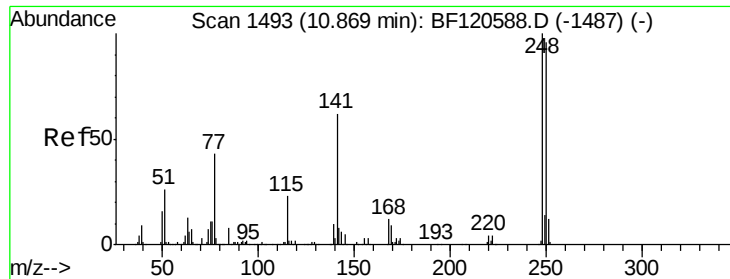
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.8	29.8	44.8#
89	1.2	50.4	75.6#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF120668.D
 Acq: 19 Jun 2020 17:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.2	10.8
80	10.4	7.4	11.2

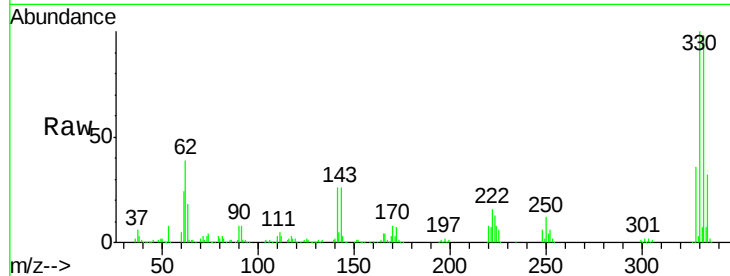




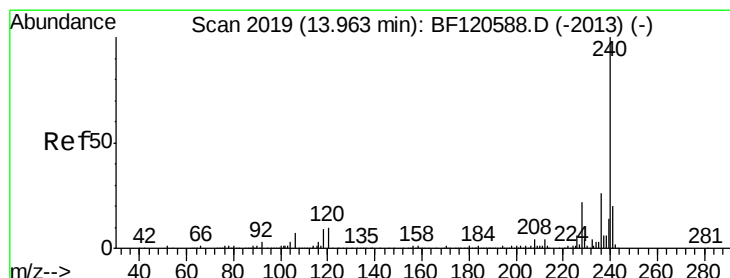
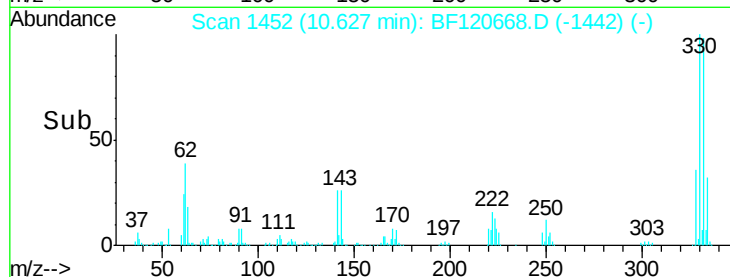
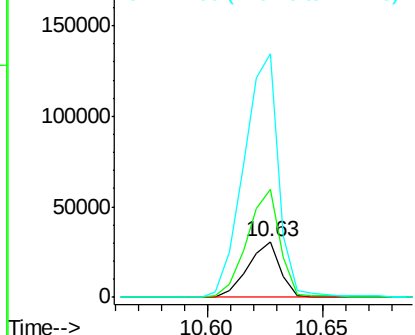
#67
 4-Bromophenyl-phenylether
 Concen: 4.459 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.24 min
 Lab File: BF120668.D
 Acq: 19 Jun 2020 17:22

Instrument :
 BNA_F
 ClientSampleId :
 RO-6

Tot Ion:248 Resp: 29779
 Ion Ratio Lower Upper
 248 100
 250 193.2 76.7 115.1#
 141 438.4 49.4 74.0#

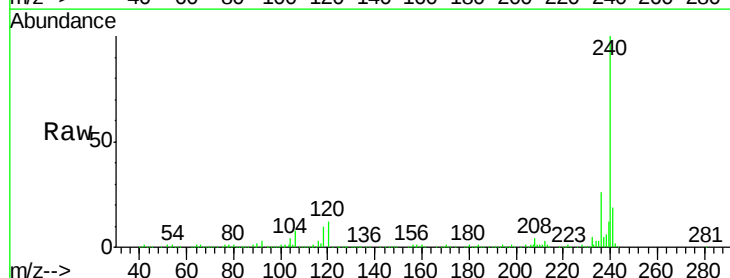


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

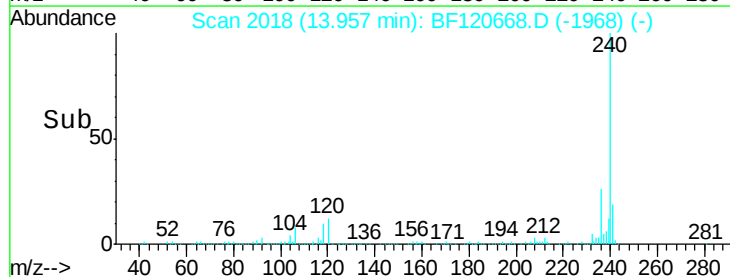
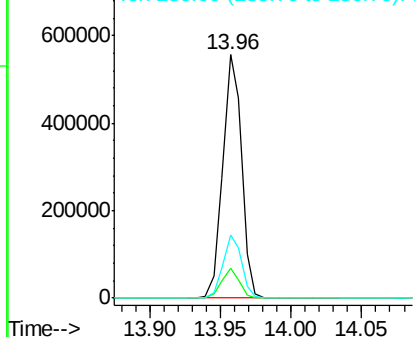


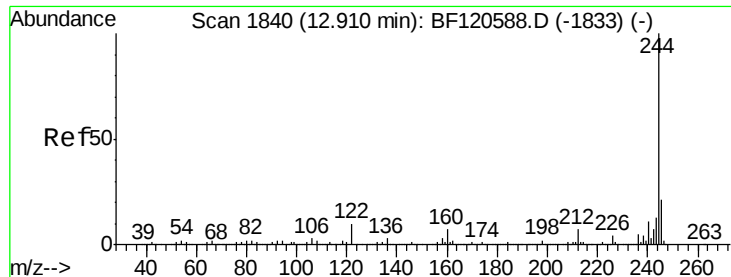
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF120668.D
 Acq: 19 Jun 2020 17:22

Tgt Ion:240 Resp: 515659
 Ion Ratio Lower Upper
 240 100
 120 12.1 8.3 12.5
 236 26.1 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



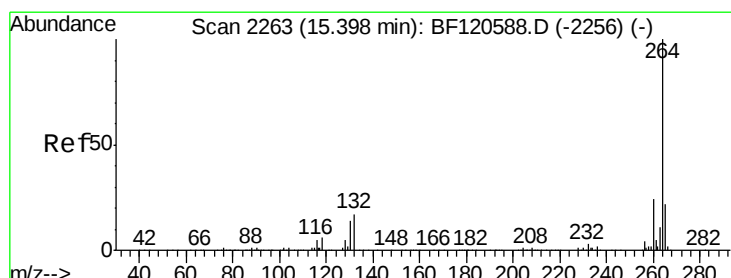
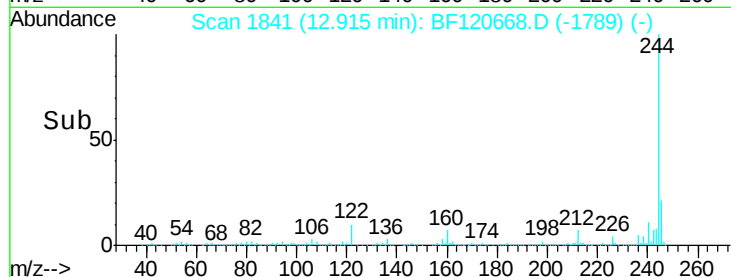
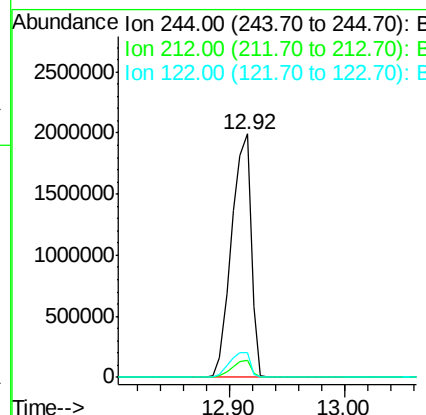
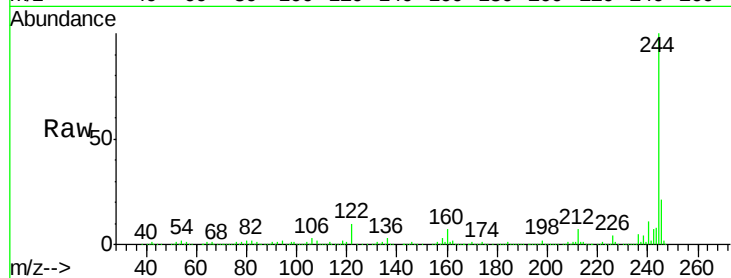


#79
 Terphenyl-d14
 Concen: 100.394 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.01 min
 Lab File: BF120668.D
 Acq: 19 Jun 2020 17:22

Instrument :
 BNA_F
 ClientSampleId :
 RO-6

Tot Ion:244 Resp: 2343677

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	10.2	8.3	12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2264
 Delta R.T. 0.01 min
 Lab File: BF120668.D
 Acq: 19 Jun 2020 17:22

Tgt Ion:264 Resp: 511959

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.3	28.9
265	21.8	17.8	26.8

