

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061720\
 Data File : BF120638.D
 Acq On : 17 Jun 2020 17:54
 Operator : JU/CG
 Sample : L2986-09DL 40X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 93-94-COMPDL

Manual Integrations
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 6/18/2020 11:54:37 AM

Quant Time: Jun 17 18:53:58 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	156812	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	515614	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	294665	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	560215	20.00	ng	0.00
76) Chrysene-d12	13.95	240	562757	20.00	ng	-0.01
86) Perylene-d12	15.39	264	630684	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	2299	0.25	ng	-0.01
7) Phenol-d6	6.43	99	4776	0.42	ng	-0.01
23) Nitrobenzene-d5	7.35	82	18048	1.96	ng	-0.02
42) 2,4,6-Tribromophenol	10.62	330	1967	0.57	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	13302	0.69	ng	-0.01
79) Terphenyl-d14	12.90	244	16330	0.64	ng	-0.01
Target Compounds						
31) Naphthalene	8.10	128	544783	21.517	ng	97
37) 2-Methylnaphthalene	8.80	142	1068079	64.622	ng	99
38) 1-Methylnaphthalene	8.90	142	642758m	41.328	ng	
46) 1,1'-Biphenyl	9.26	154	108601	4.936	ng	96
52) Acenaphthene	9.87	154	44822	2.706	ng	# 78
58) Fluorene	10.39	166	123956	6.332	ng	# 90
71) Phenanthrene	11.34	178	336189	12.072	ng	96

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

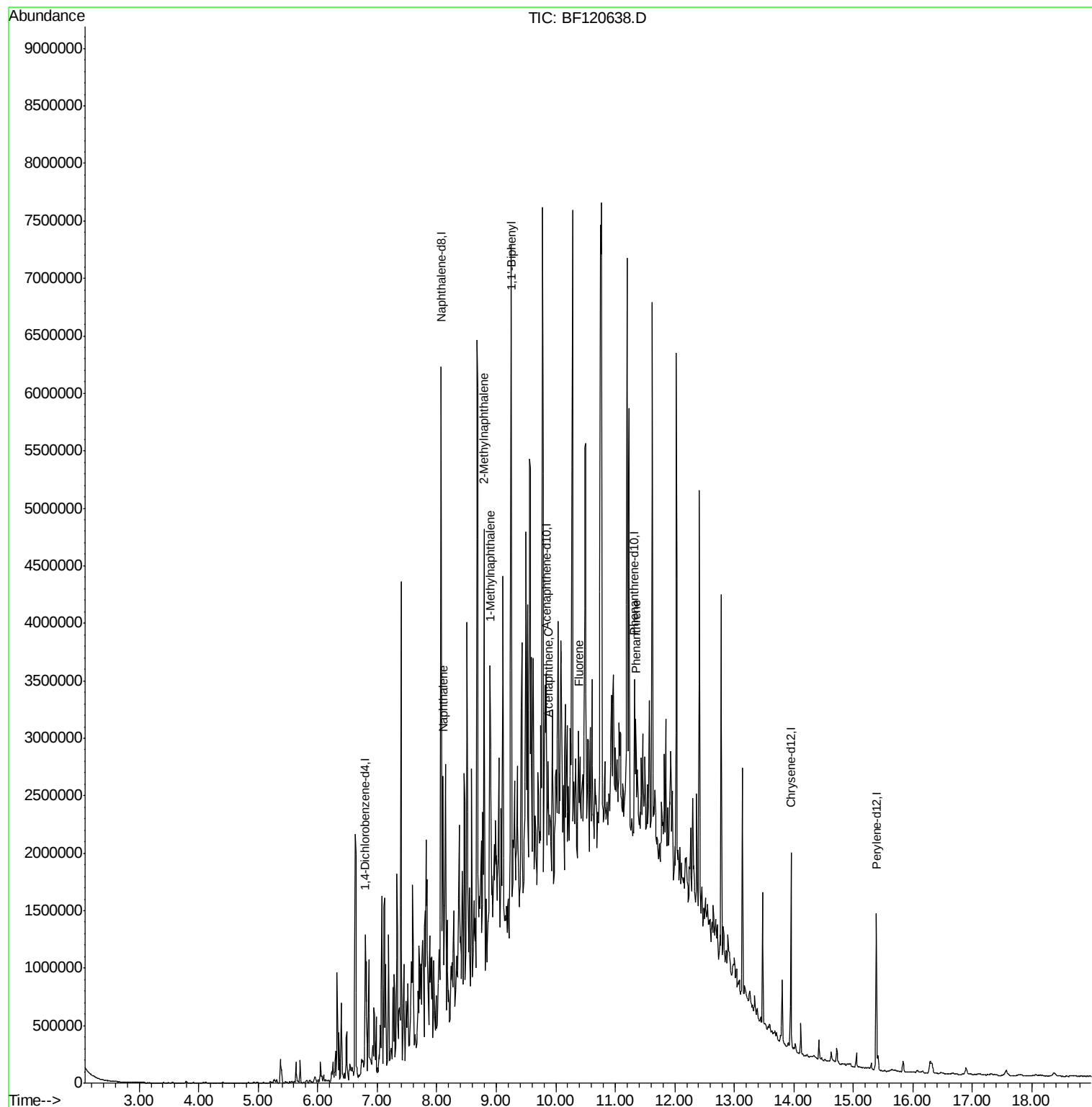
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061720\
Data File : BF120638.D
Acq On : 17 Jun 2020 17:54
Operator : JU/CG
Sample : L2986-09DL 40X
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Instrument :
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Quant Time: Jun 17 18:53:58 2020
Quant 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

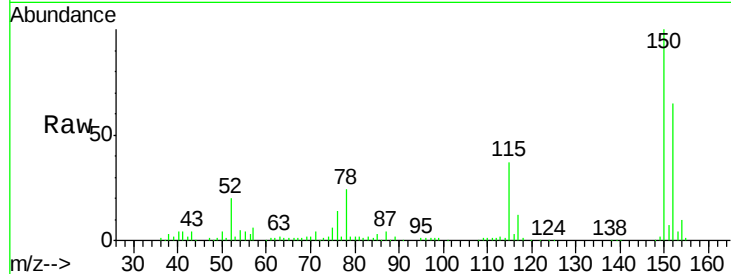
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120638.D
Acq: 17 Jun 2020 17:54

Instrument :
BNA_F
ClientSampleId :
93-94-COMPDL

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	123.2	184.8
115	57.0	43.9	65.9

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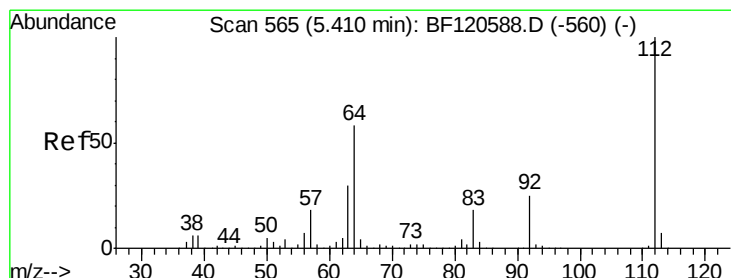
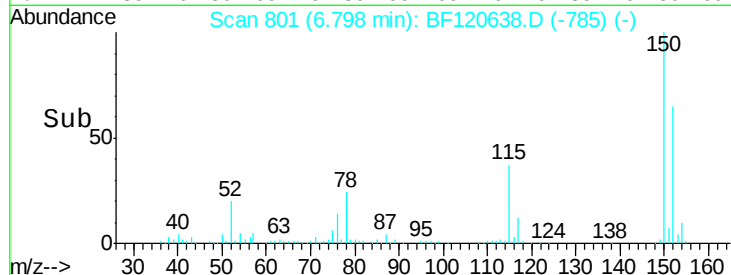
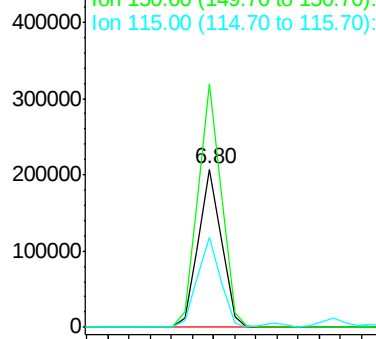


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

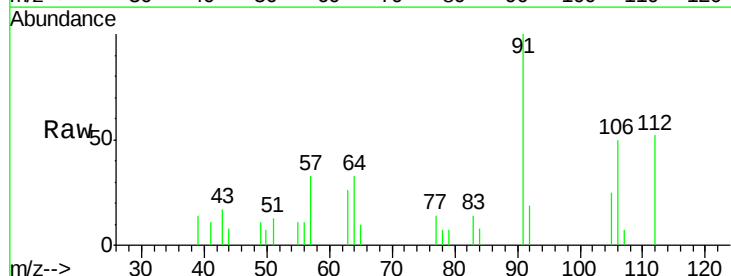
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 0.251 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF120638.D
Acq: 17 Jun 2020 17:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.5	46.1	69.1
63	49.1	23.7	35.5#

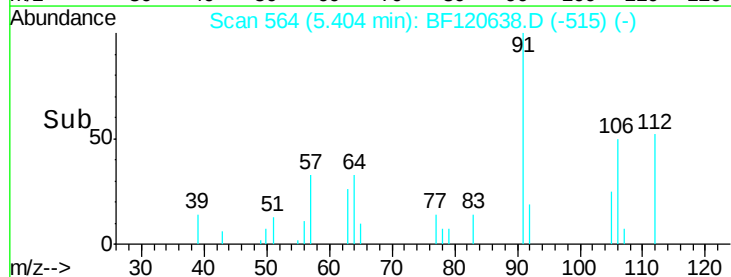
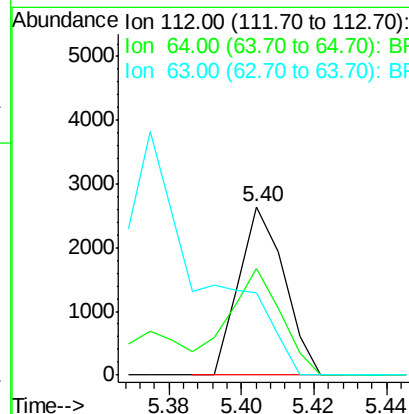


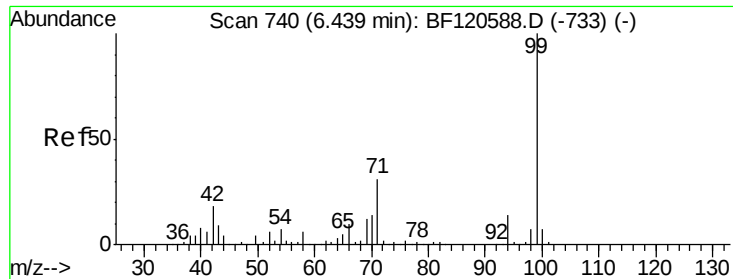
Abundance

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: 0.419 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF120638.D

Acq: 17 Jun 2020 17:54

Instrument :

BNA_F

ClientSampleId :

93-94-COMPD

Tot Ion: 99 Resp: 4776

Ion Ratio Lower Upper

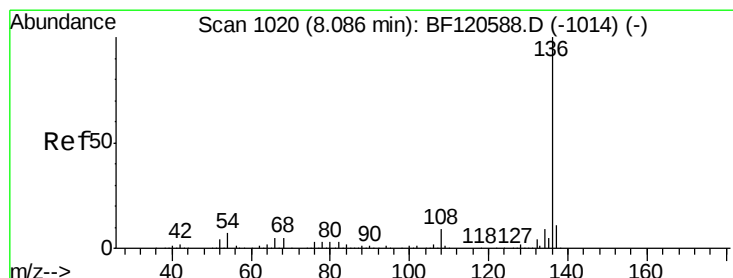
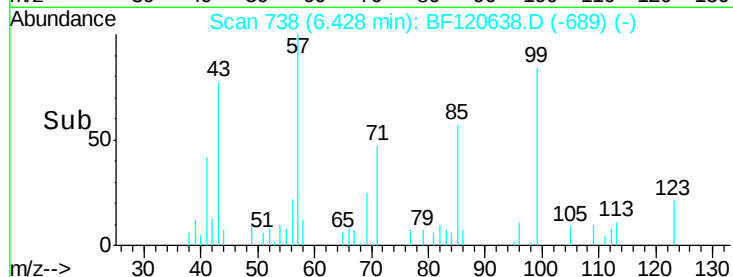
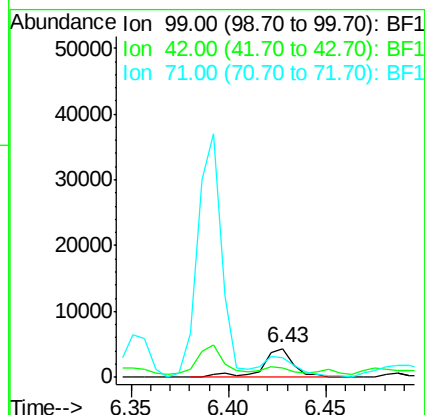
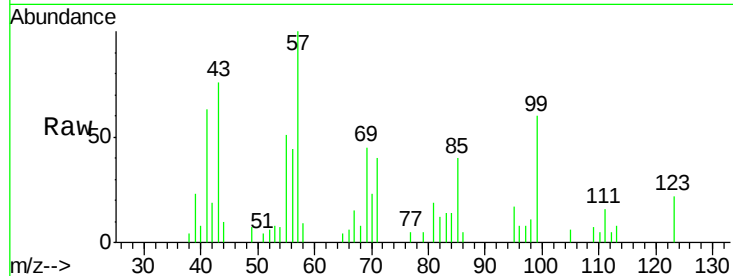
99 100

42 31.6 14.0 21.0#

71 66.4 24.9 37.3#

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF120638.D

Acq: 17 Jun 2020 17:54

Tgt Ion: 136 Resp: 515614

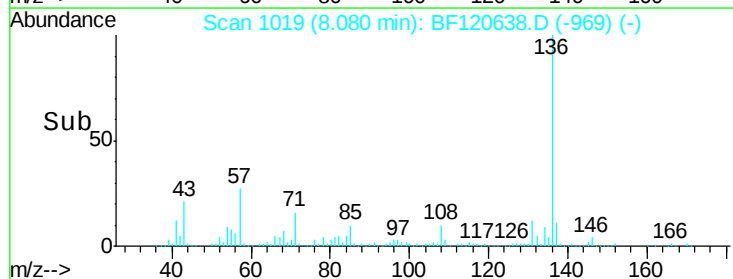
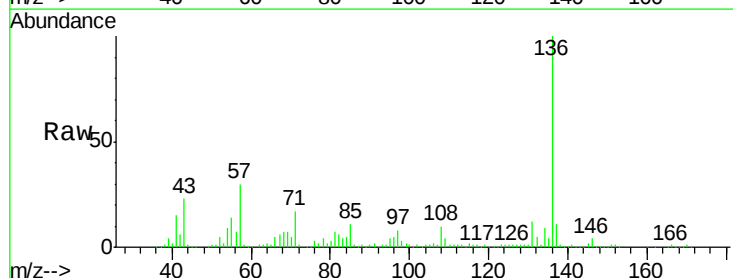
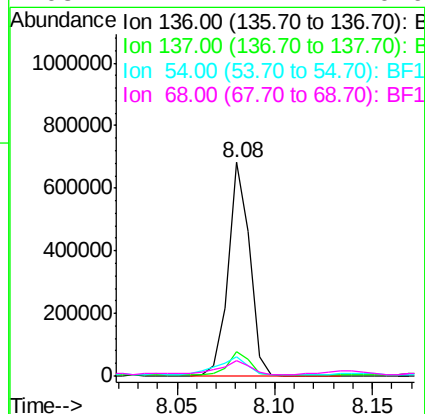
Ion Ratio Lower Upper

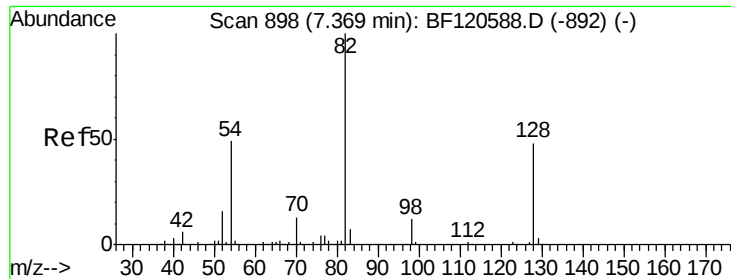
136 100

137 11.5 8.6 13.0

54 8.9 5.8 8.6#

68 7.4 4.4 6.6#





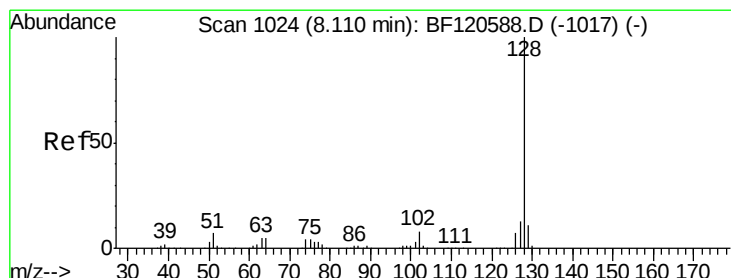
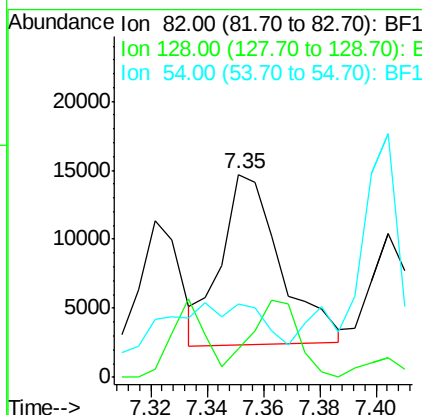
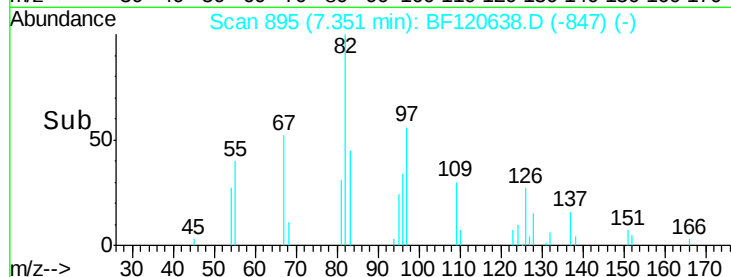
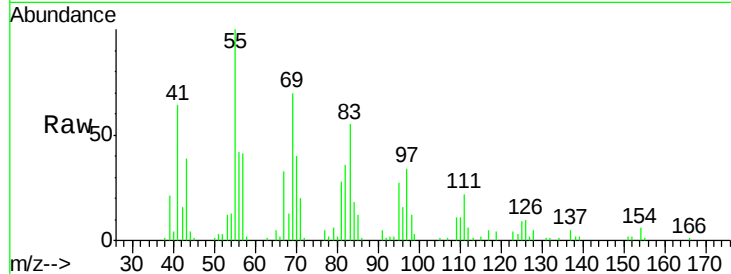
#23
 Nitrobenzene-d5
 Concen: 1.957 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.02 min
 Lab File: BF120638.D
 Acq: 17 Jun 2020 17:54

Instrument :
 BNA_F
 ClientSampled :
 93-94-COMPDL

Tot Ion	82	Resp	18048
Ion Ratio	100	Lower	Upper
128	13.8	38.0	57.0#
54	36.0	38.8	58.2#

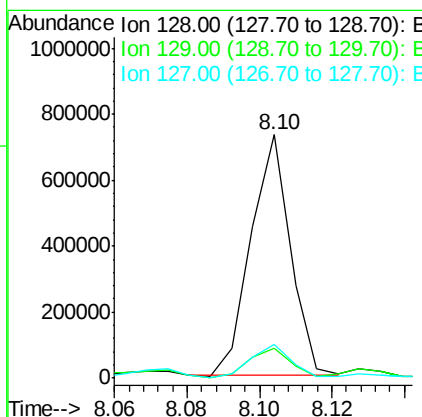
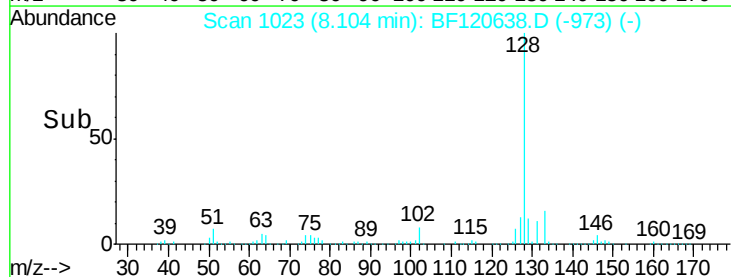
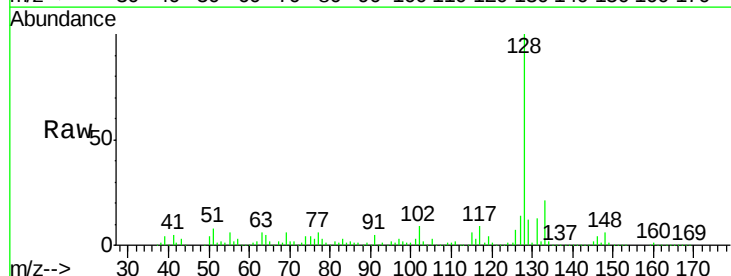
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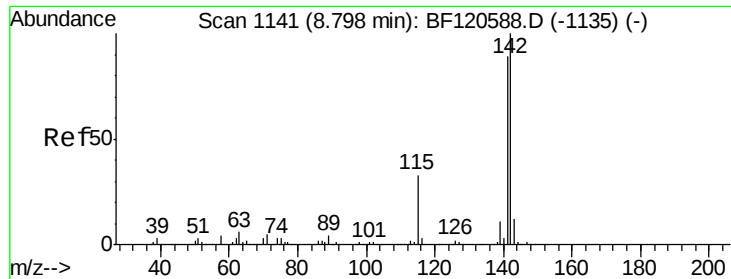
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#31
 Naphthalene
 Concen: 21.517 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF120638.D
 Acq: 17 Jun 2020 17:54

Tgt Ion	128	Resp	544783
Ion Ratio	100	Lower	Upper
129	12.5	8.8	13.2
127	13.8	10.6	15.8





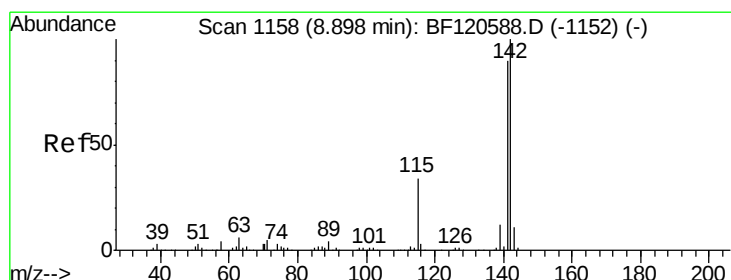
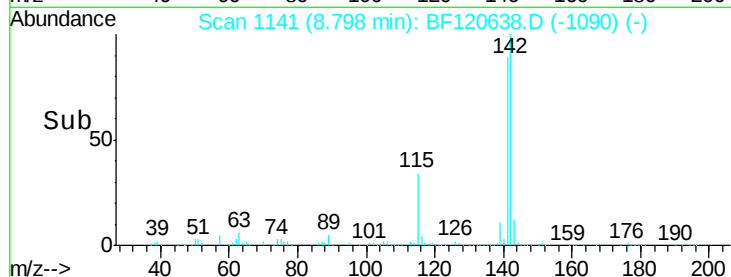
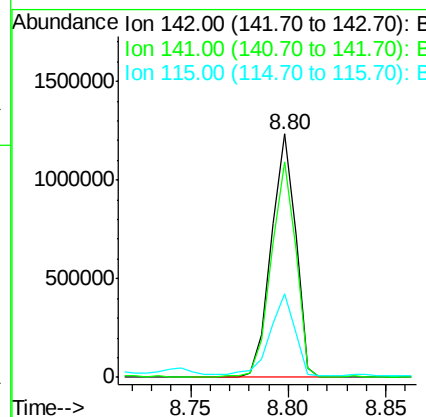
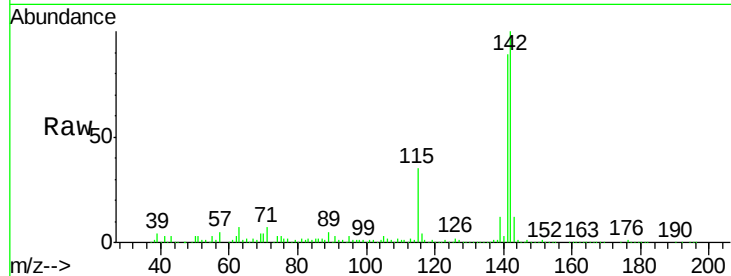
#37
2-Methylnaphthalene
Concen: 64.622 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF120638.D
Acq: 17 Jun 2020 17:54

Instrument :
BNA_F
ClientSampleId :
93-94-COMPDL

Tot Ion:142 Resp: 1068079
Ion Ratio Lower Upper
142 100
141 88.7 71.4 107.0
115 34.6 26.1 39.1

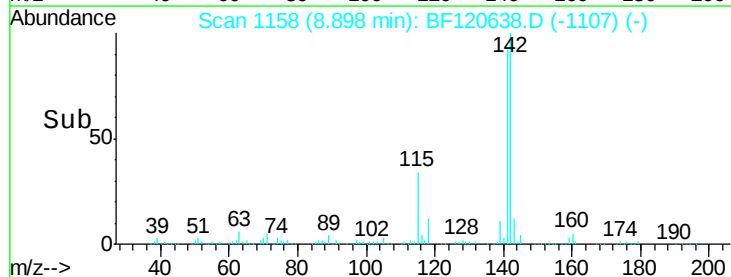
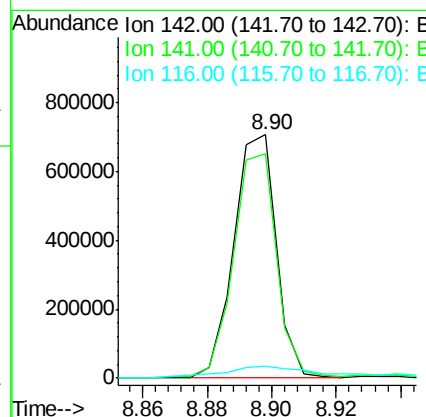
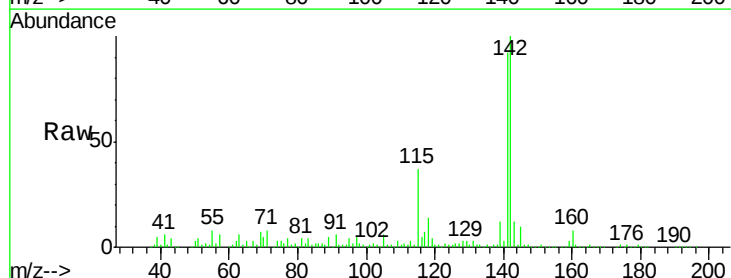
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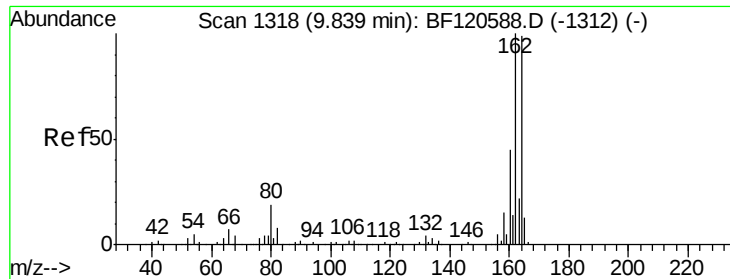
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#38
1-Methylnaphthalene
Concen: 41.328 ng m
RT: 8.90 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF120638.D
Acq: 17 Jun 2020 17:54

Tgt Ion:142 Resp: 642758
Ion Ratio Lower Upper
142 100
141 92.2 72.1 108.1
116 4.8 2.7 4.1#





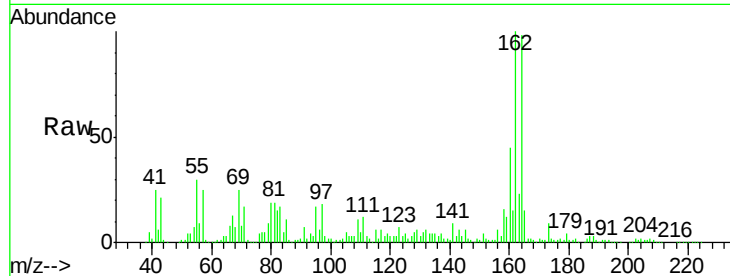
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF120638.D
Acq: 17 Jun 2020 17:54

Instrument :
BNA_F
ClientSampleId :
93-94-COMPDL

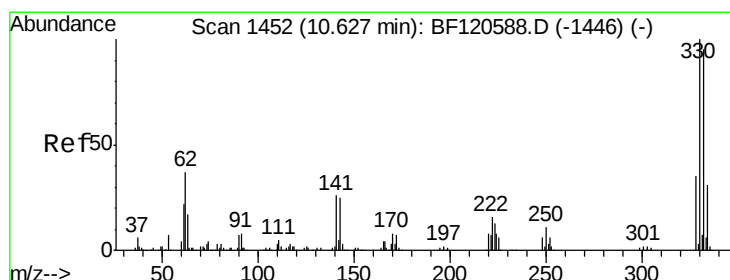
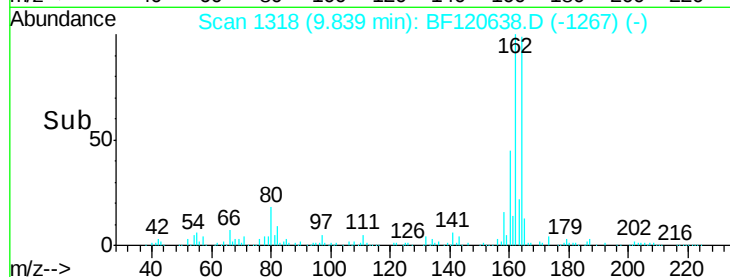
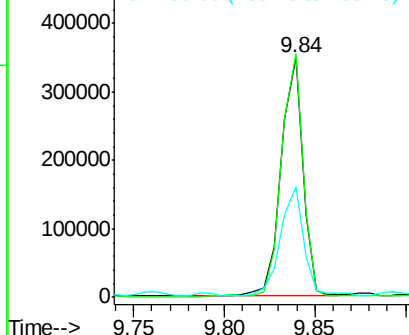
Tot Ion	Ratio	Resp	Lower	Upper
164	100	294665		
162	101.6		80.6	120.8
160	46.0		36.2	54.2

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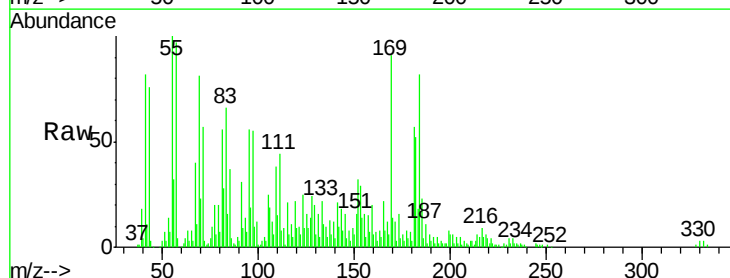


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

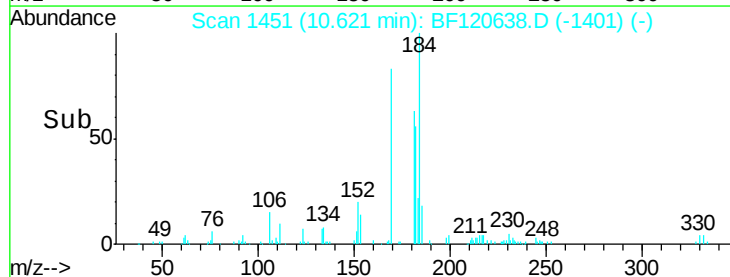
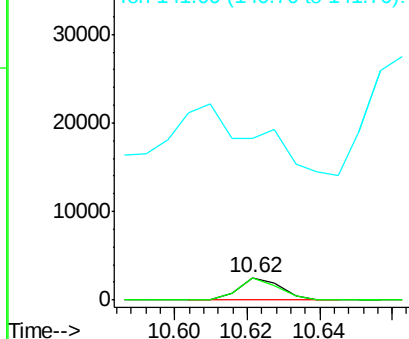


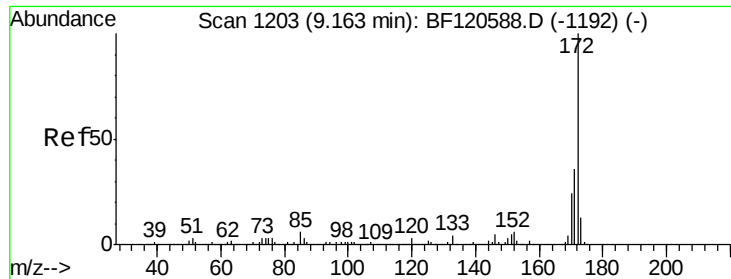
#42
2,4,6-Tribromophenol
Concen: 0.574 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF120638.D
Acq: 17 Jun 2020 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	1967		
332	95.6		76.8	115.2
141	623.5		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





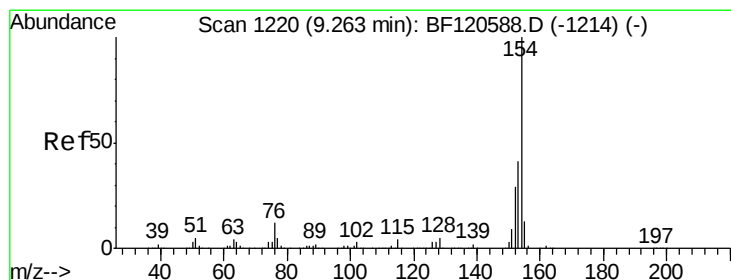
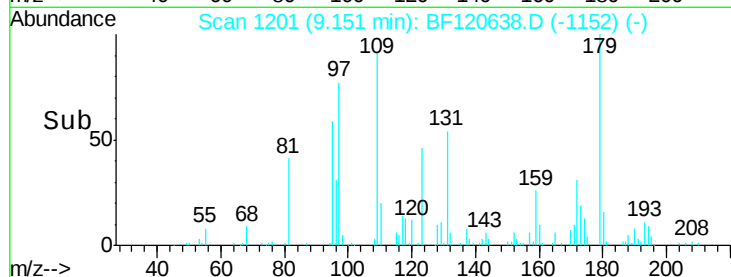
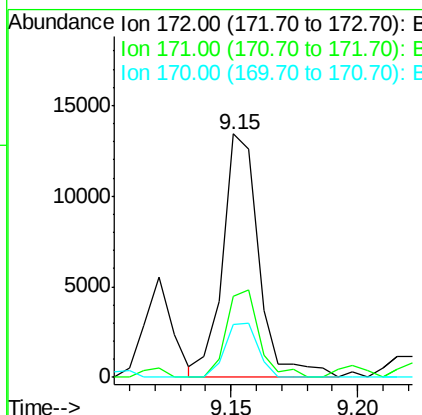
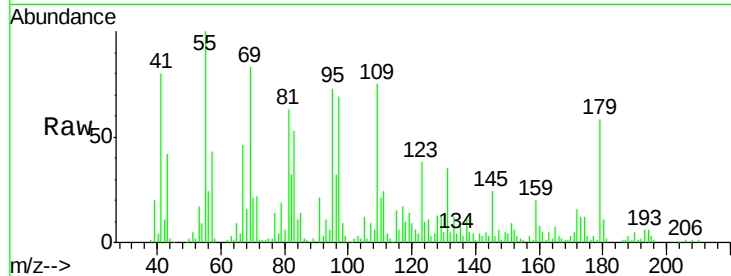
#45
2-Fluorobiphenyl
Concen: 0.691 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF120638.D
Acq: 17 Jun 2020 17:54

Instrument :
BNA_F
ClientSampleId :
93-94-COMPDL

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.5	29.0	43.4
170	21.6	19.4	29.2

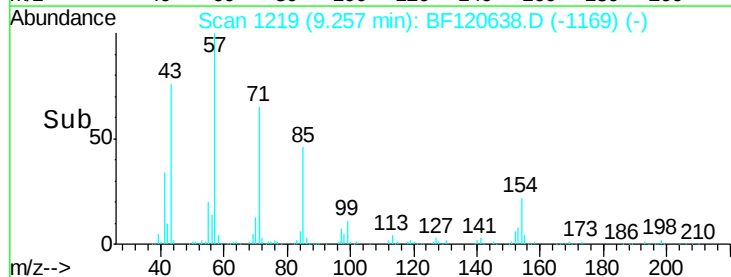
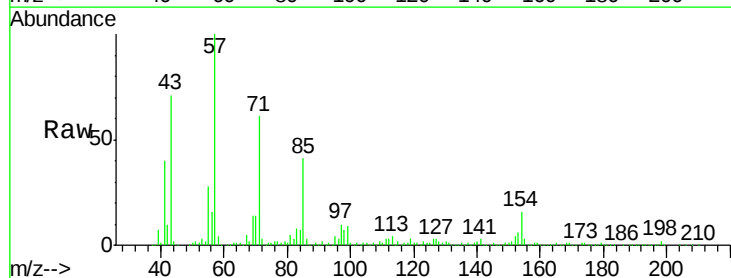
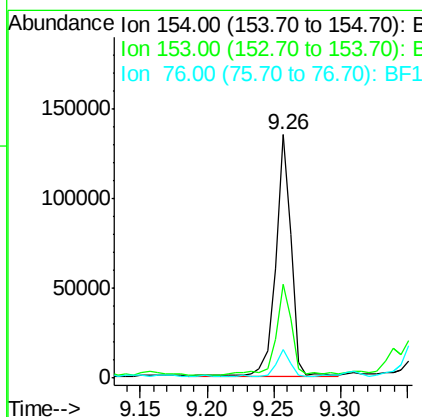
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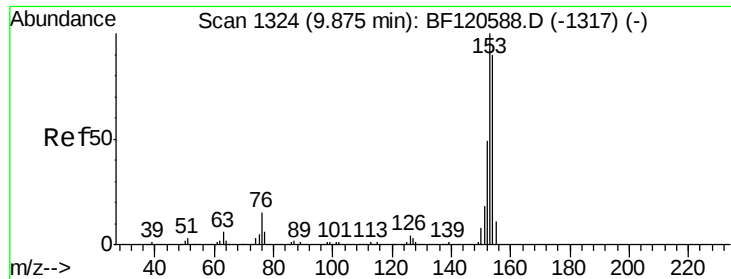
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#46
1,1'-Biphenyl
Concen: 4.936 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF120638.D
Acq: 17 Jun 2020 17:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.5	21.4	61.4
76	11.7	0.0	31.6





#52

Acenaphthene

Concen: 2.706 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF120638.D

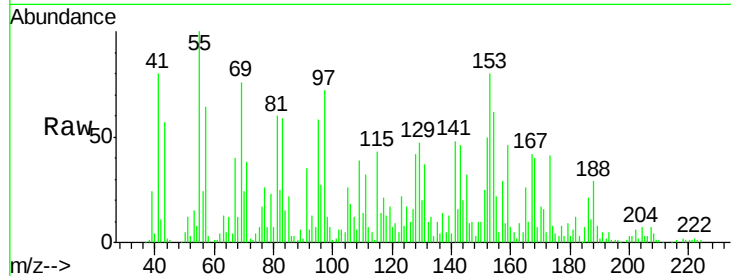
Acq: 17 Jun 2020 17:54

Instrument :

BNA_F

ClientSampleId :

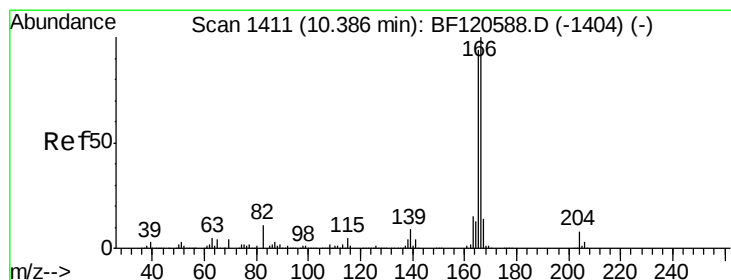
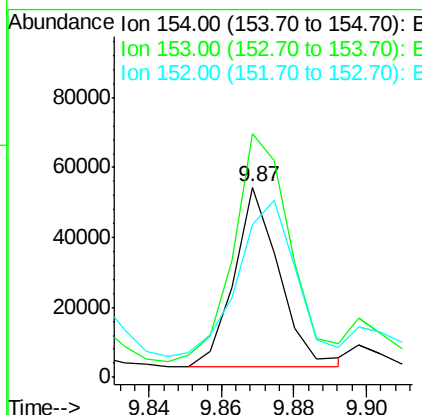
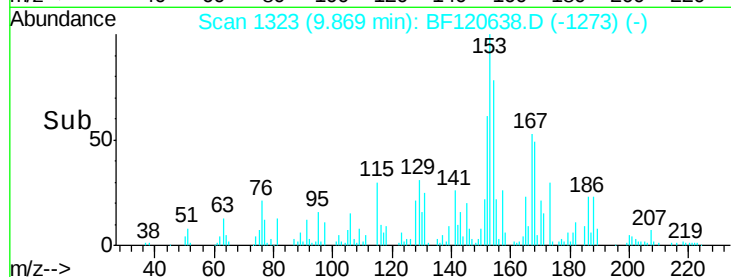
93-94-COMPDL



Tot Ion:	154	Resp:	44822
Ion Ratio	Lower	Upper	
154	100		
153	128.2	89.1	133.7
152	80.4	43.7	65.5#

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#58

Fluorene

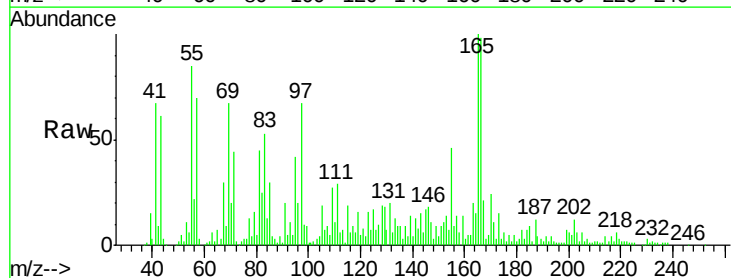
Concen: 6.332 ng

RT: 10.39 min Scan# 1411

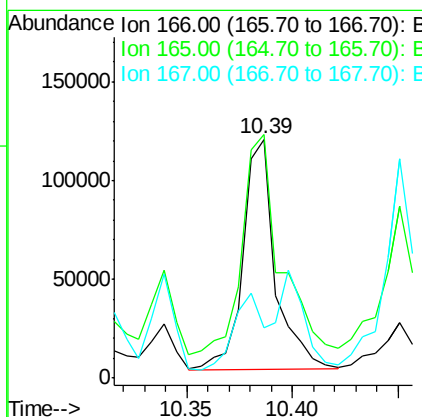
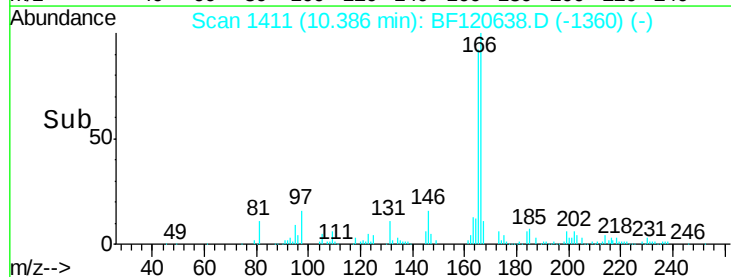
Delta R.T. 0.00 min

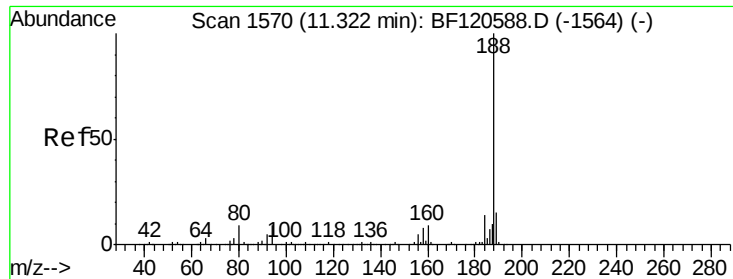
Lab File: BF120638.D

Acq: 17 Jun 2020 17:54



Tgt Ion:	166	Resp:	123956
Ion Ratio	Lower	Upper	
166	100		
165	102.0	75.0	112.6
167	21.0	11.0	16.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF120638.D

Acq: 17 Jun 2020 17:54

Instrument :

BNA_F

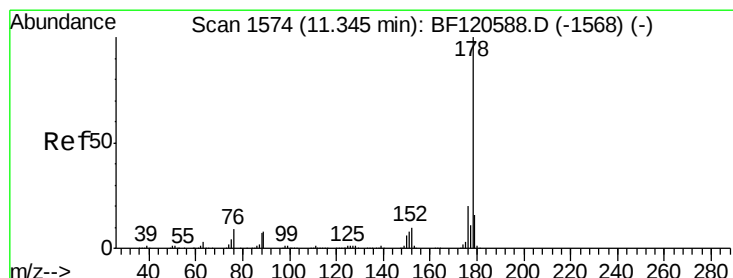
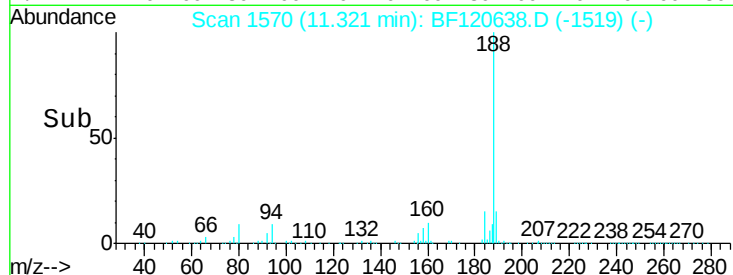
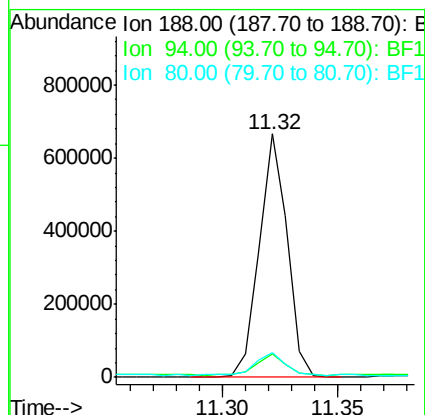
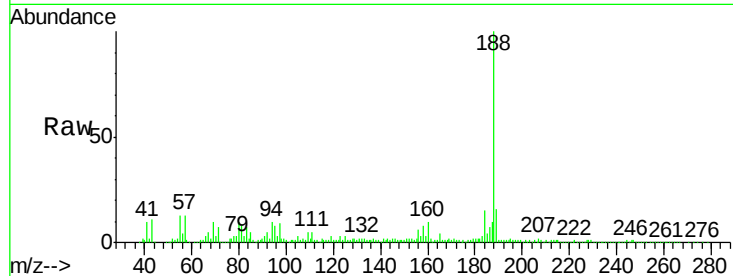
ClientSampleId :

93-94-COMPDL

Tot Ion:	188	Resp:	560215
Ion Ratio		Lower	Upper
188	100		
94	9.8	7.2	10.8
80	10.0	7.4	11.2

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#71

Phenanthrene

Concen: 12.072 ng

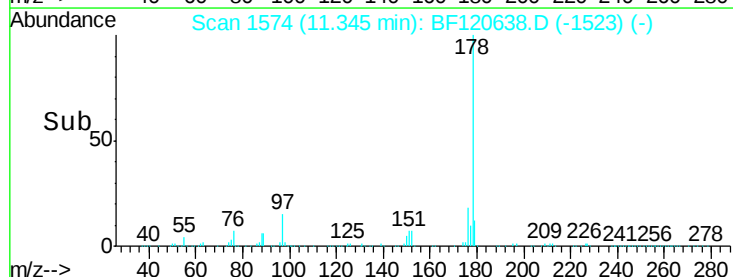
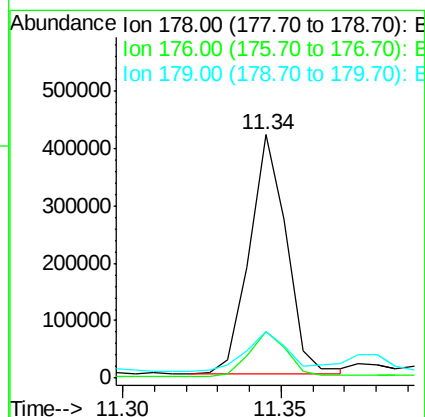
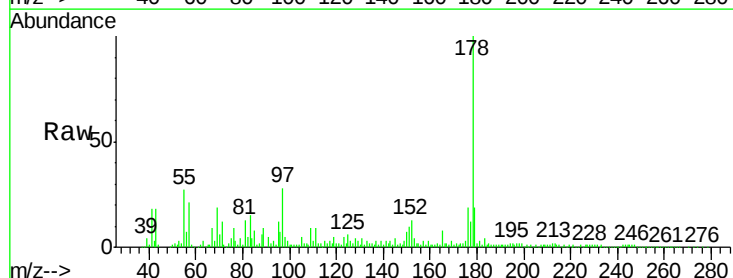
RT: 11.34 min Scan# 1574

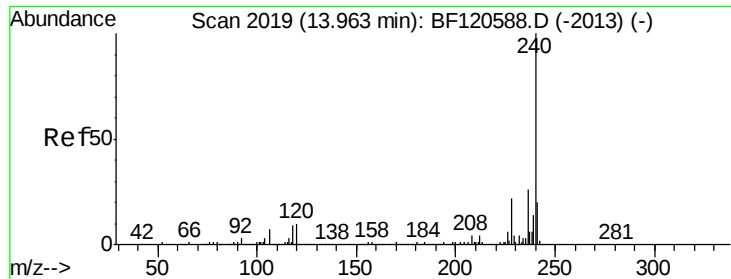
Delta R.T. 0.00 min

Lab File: BF120638.D

Acq: 17 Jun 2020 17:54

Tgt Ion:	178	Resp:	336189
Ion Ratio		Lower	Upper
178	100		
176	19.1	15.9	23.9
179	19.1	12.8	19.2





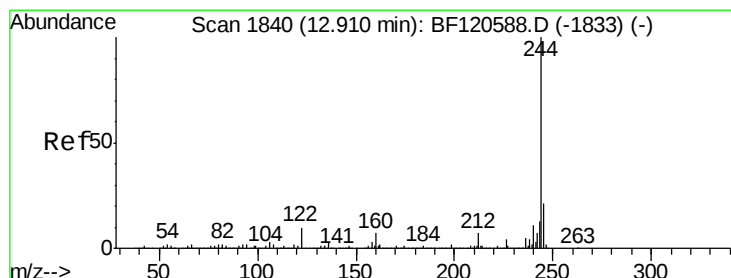
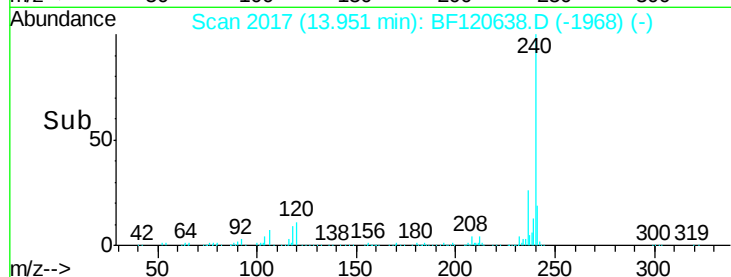
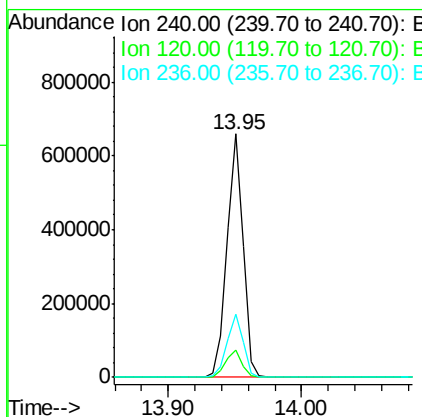
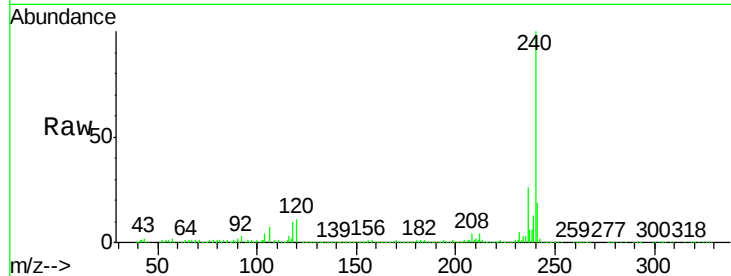
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF120638.D
Acq: 17 Jun 2020 17:54

Instrument :
BNA_F
ClientSampleId :
93-94-COMPDL

Tot Ion	Ratio	Resp	Lower	Upper
240	100	562757		
120	11.0	8.3	12.5	
236	26.1	21.0	31.4	

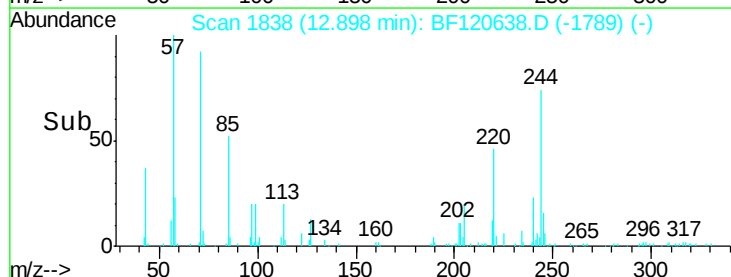
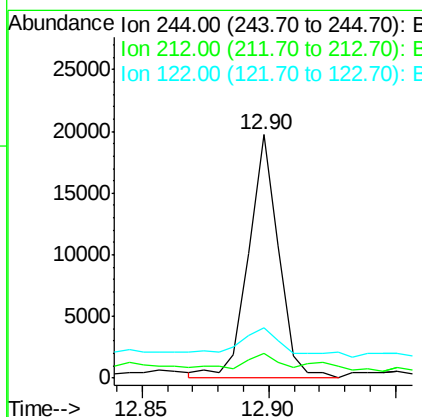
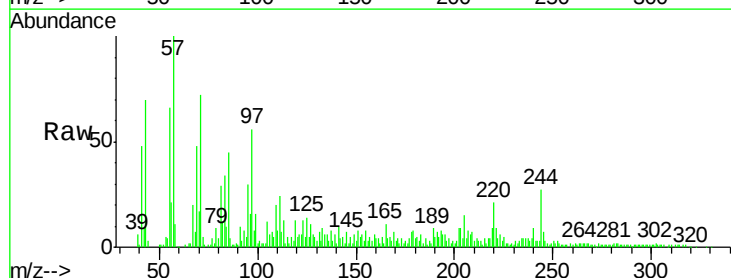
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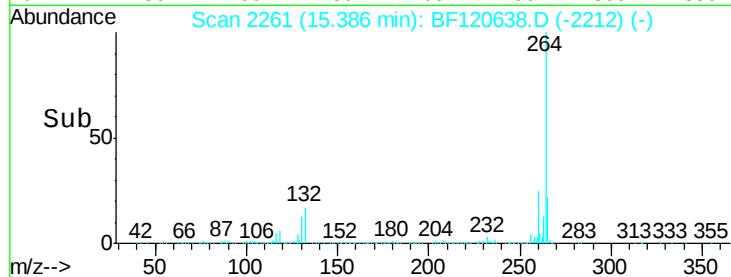
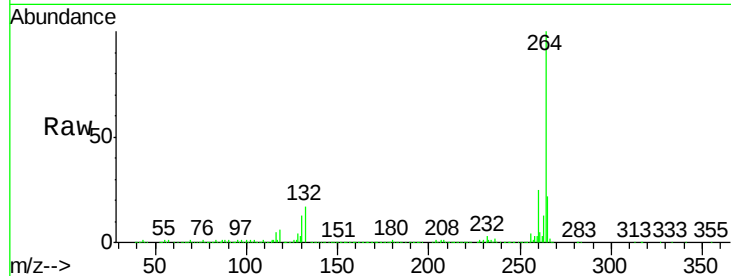
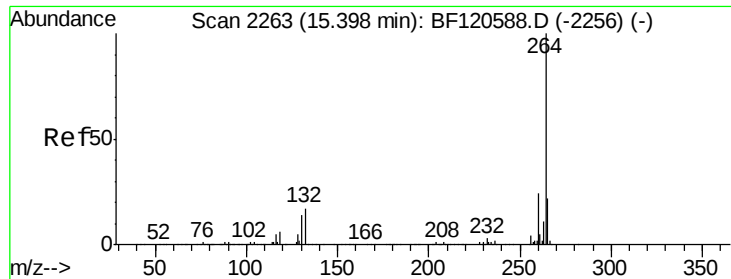
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#79
Terphenyl-d14
Concen: 0.641 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BF120638.D
Acq: 17 Jun 2020 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	16330		
212	10.2	5.7	8.5#	
122	20.7	8.3	12.5#	





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF120638.D
Acq: 17 Jun 2020 17:54

Instrument :
BNA_F
ClientSampleId :
93-94-COMPDL

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.3	28.9
265	21.7	17.8	26.8

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