

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
 Data File : BF088569.D
 Acq On : 1 Jul 2016 12:25
 Operator : UM/SJ
 Sample : H3808-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Manual Integrations
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Quant Time: Jul 01 14:17:22 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	144613	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	568428	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	248884	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	454167	20.00	ng	0.00
75) Chrysene-d12	13.94	240	292876	20.00	ng	-0.01
86) Perylene-d12	15.35	264	289933	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	836194	86.66	ng	0.00
7) Phenol-d6	6.44	99	1311575	105.20	ng	0.00
23) Nitrobenzene-d5	7.37	82	771881	71.16	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	216008	93.46	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	1259258	79.92	ng	0.00
78) Terphenyl-d14	12.90	244	868125	66.02	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.56	163	182248	10.28	ng	98
70) Phenanthrene	11.34	178	63011	2.54	ng	98
74) Fluoranthene	12.53	202	179697	7.14	ng	97
77) Pyrene	12.75	202	146681	5.91	ng	98
79) Butylbenzylphthalate	13.38	149	102314	9.24	ng	88
80) Benzo(a)anthracene	13.93	228	60677	3.22	ng	98
82) Chrysene	13.97	228	83122m	4.45	ng	
83) Bis(2-ethylhexyl)phthalate	13.94	149	79644	6.30	ng	97
85) Indeno(1,2,3-cd)pyrene	16.69	276	38250	2.66	ng	# 100
87) Benzo(b)fluoranthene	14.95	252	87289m	4.80	ng	
88) Benzo(k)fluoranthene	14.96	252	34352m	2.17	ng	
89) Benzo(a)pyrene	15.28	252	56050m	3.64	ng	
91) Benzo(g,h,i)perylene	17.09	276	39887	3.00	ng	94

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

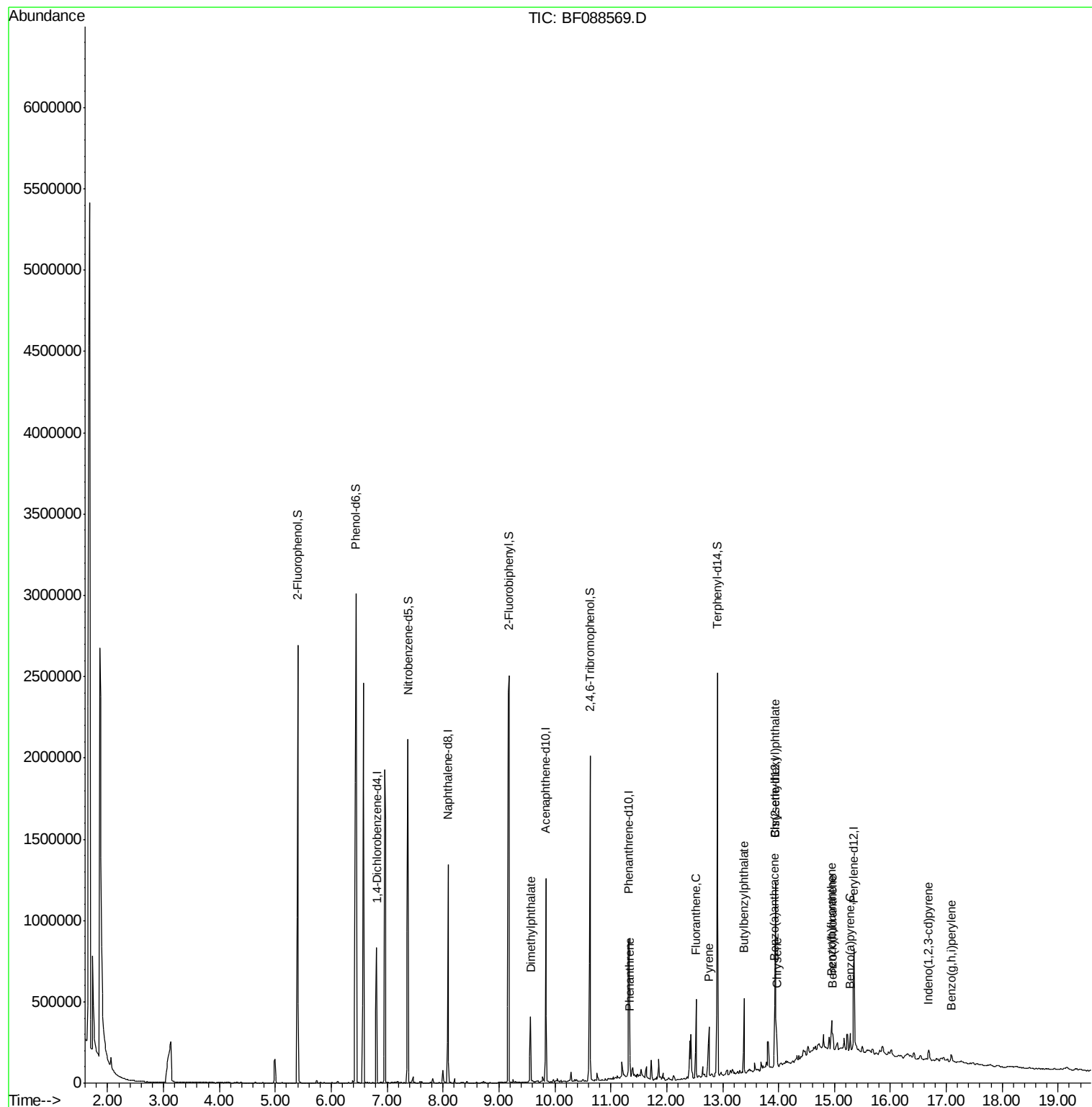
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
Data File : BF088569.D
Acq On : 1 Jul 2016 12:25
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Instrument :
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#1

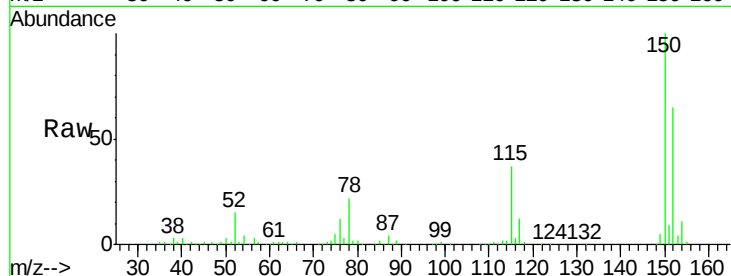
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF088569.D
Acq: 1 Jul 2016 12:25

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	144613		
150	153.7	123.8	185.6	
115	57.0	39.6	59.4	

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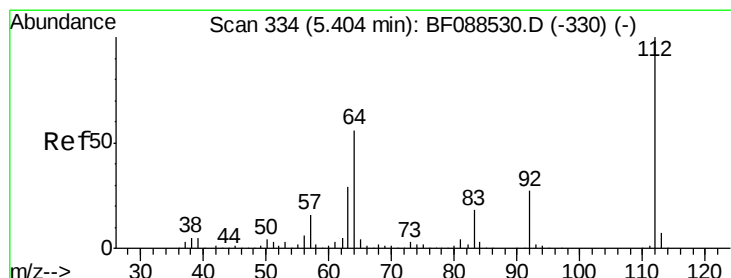
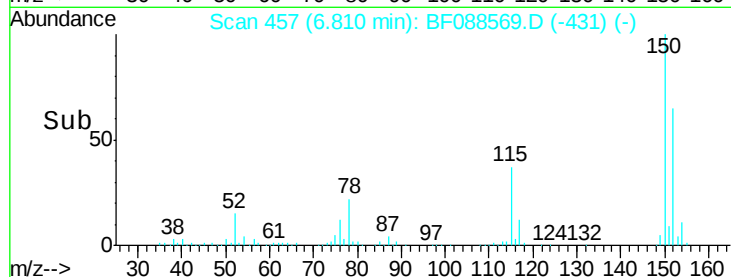
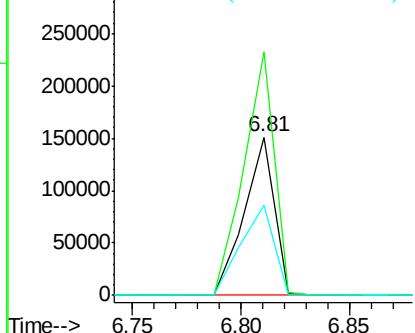


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

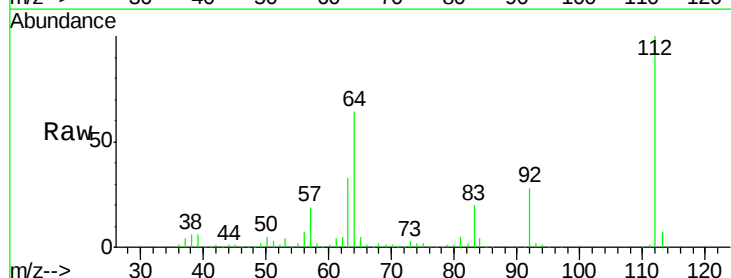
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 86.66 ng
RT: 5.40 min Scan# 334
Delta R.T. 0.00 min
Lab File: BF088569.D
Acq: 1 Jul 2016 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	836194		
64	63.5	42.2	63.2#	
63	32.8	21.8	32.8#	

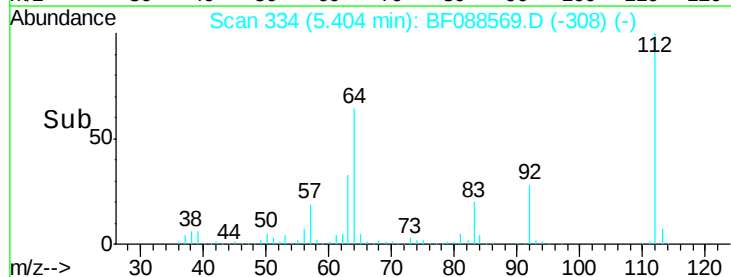
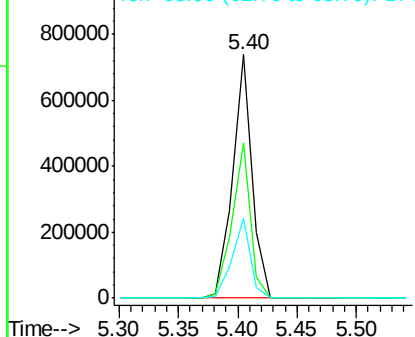


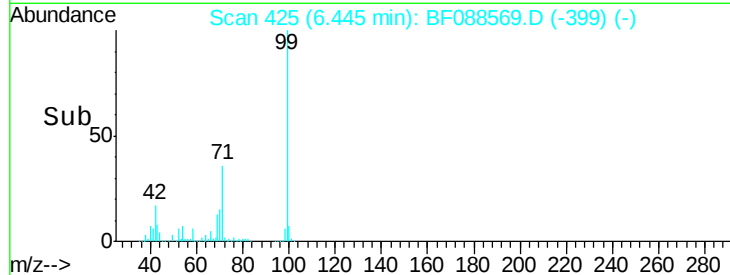
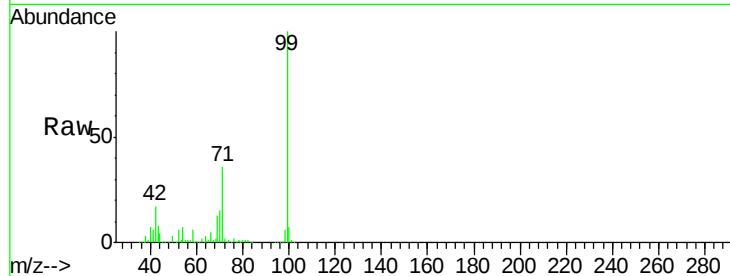
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 105.20 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF088569.D

Acq: 1 Jul 2016 12:25

Tgt Ion: 99 Resp: 1311575

Ion Ratio Lower Upper

99 100

42 16.8 12.2 18.2

71 35.6 23.4 35.0#

Instrument :

BNA_F

ClientSampleId :

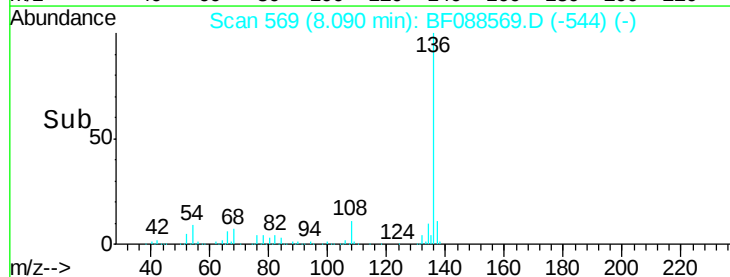
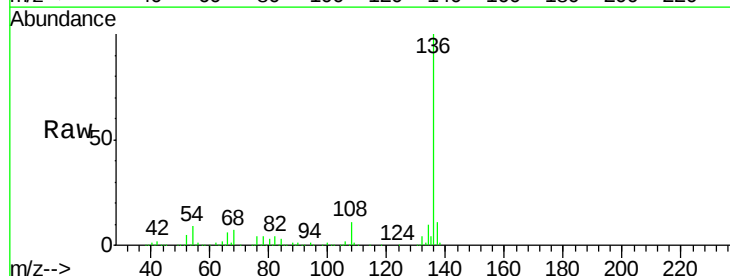
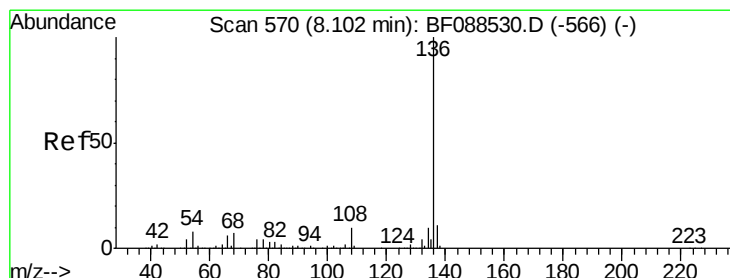
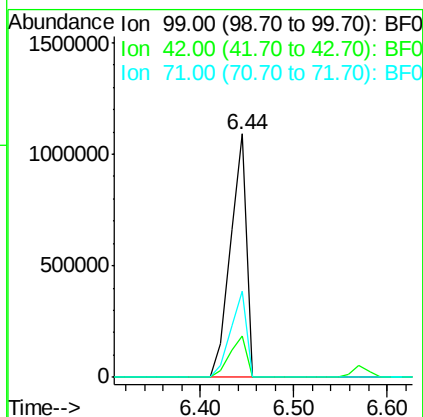
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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 569

Delta R.T. -0.01 min

Lab File: BF088569.D

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Tgt Ion: 136 Resp: 568428

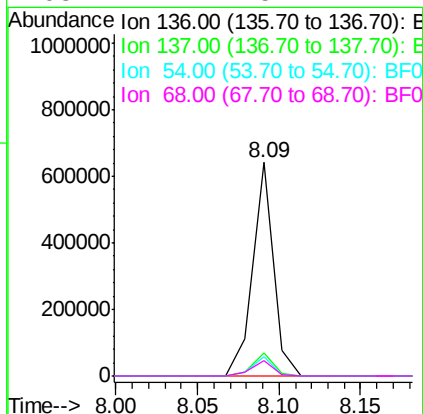
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.8 6.6 10.0

68 7.4 5.1 7.7





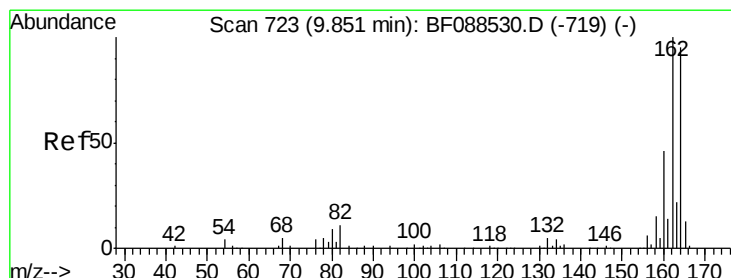
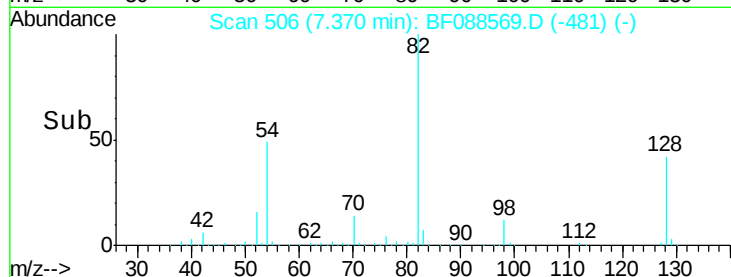
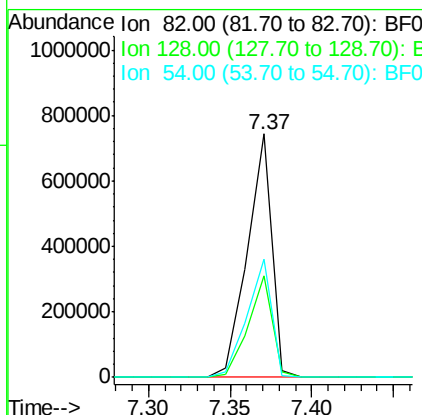
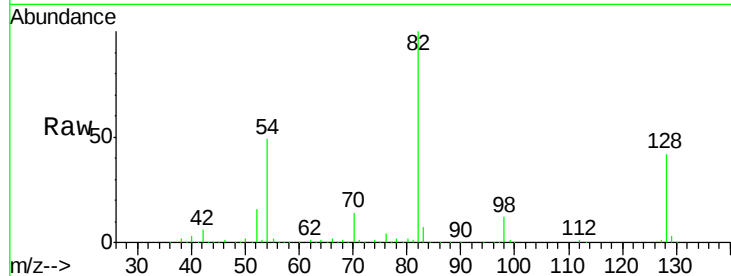
#23
Nitrobenzene-d5
Concen: 71.16 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.01 min
Lab File: BF088569.D
Acq: 1 Jul 2016 12:25

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	771881		
128	41.8	35.9	53.9	
54	48.6	40.9	61.3	

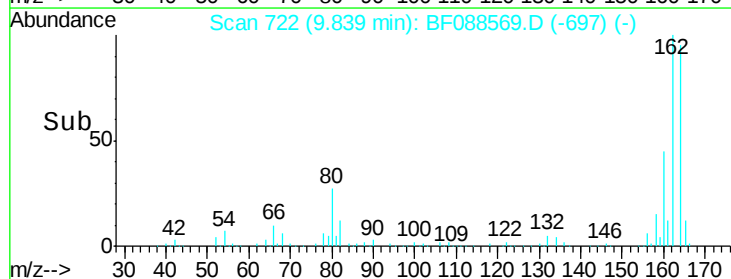
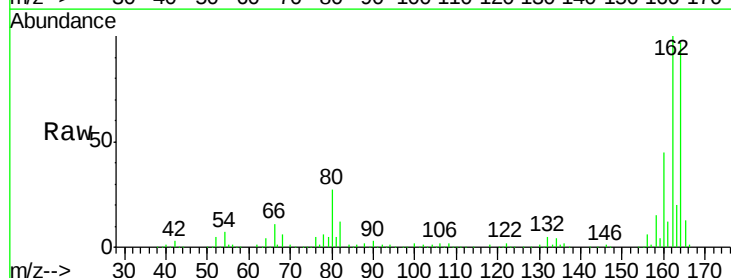
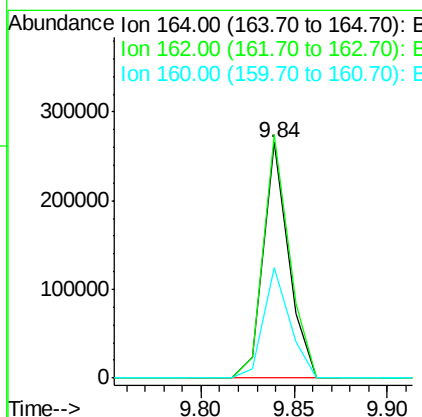
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF088569.D
Acq: 1 Jul 2016 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	248884		
162	103.4	85.4	128.2	
160	46.9	39.5	59.3	





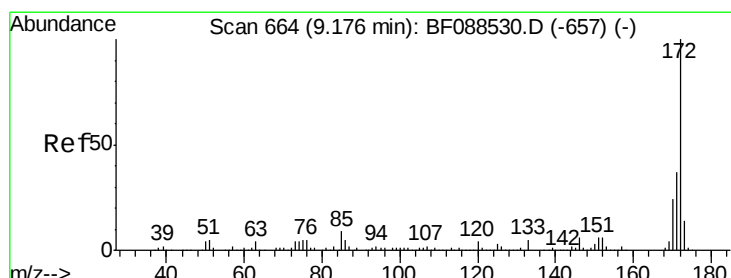
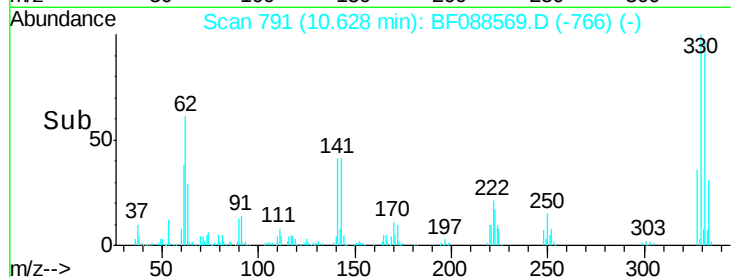
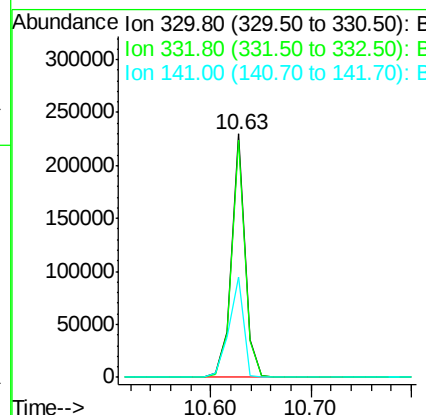
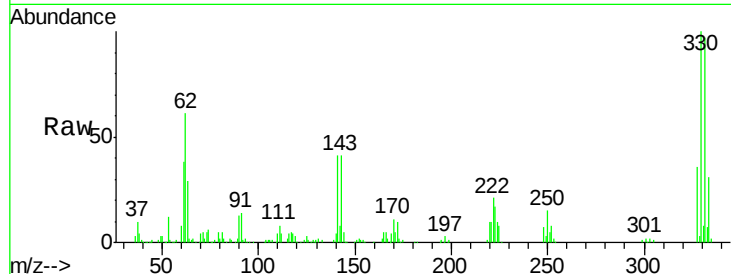
#41
 2,4,6-Tribromophenol
 Concen: 93.46 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF088569.D
 Acq: 1 Jul 2016 12:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	216008		
332	97.1	0.0	0.0	0.0
141	44.3	0.0	0.0	0.0

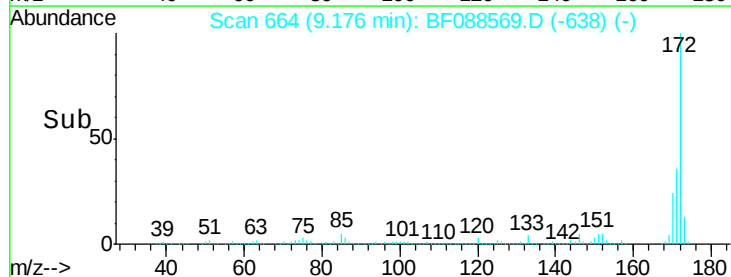
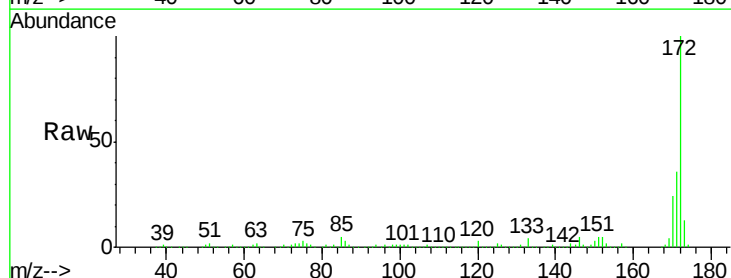
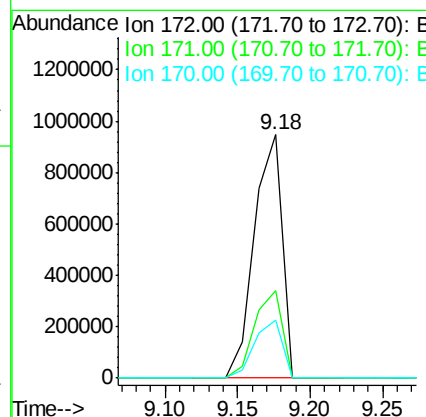
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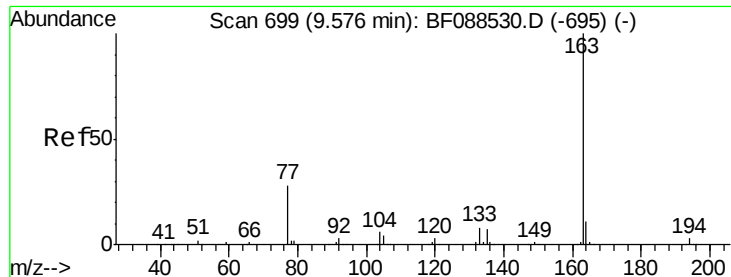
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#44
 2-Fluorobiphenyl
 Concen: 79.92 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF088569.D
 Acq: 1 Jul 2016 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1259258		
171	36.1	28.6	43.0	
170	23.8	19.2	28.8	





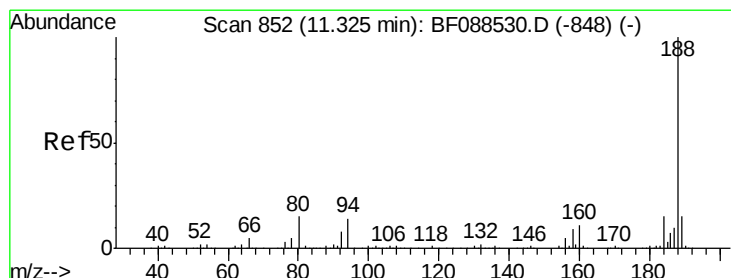
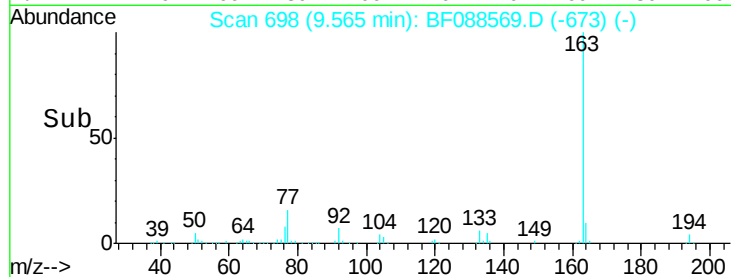
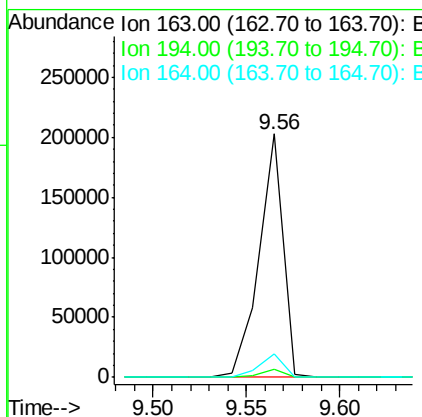
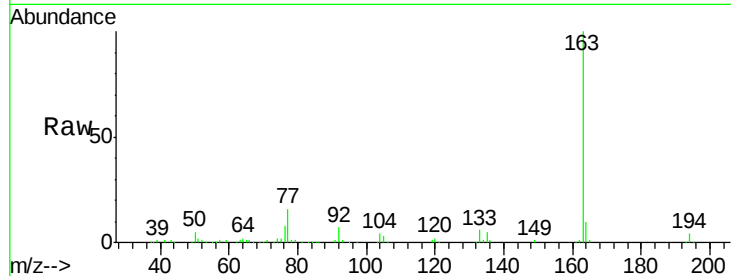
#49
Dimethylphthalate
Concen: 10.28 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF088569.D
Acq: 1 Jul 2016 12:25

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
163	100	182248		
194	3.5	2.8	4.2	
164	9.6	8.3	12.5	

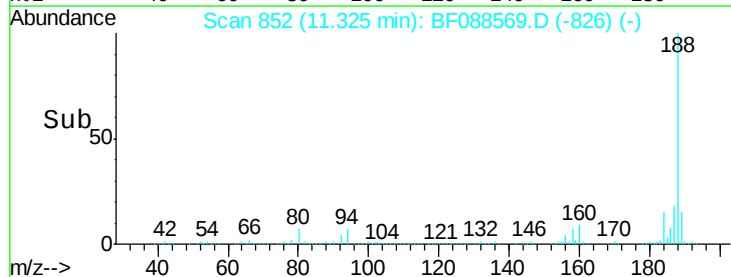
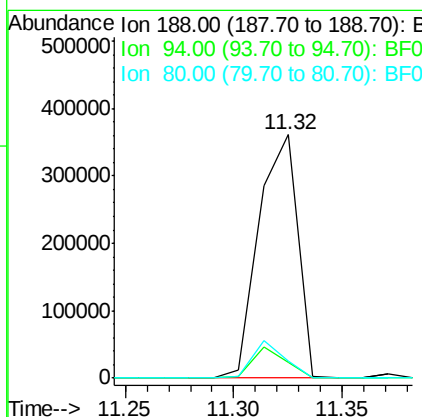
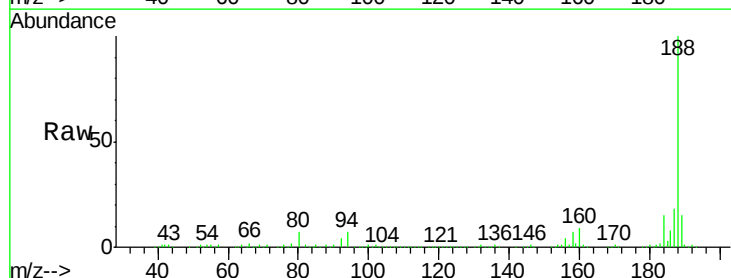
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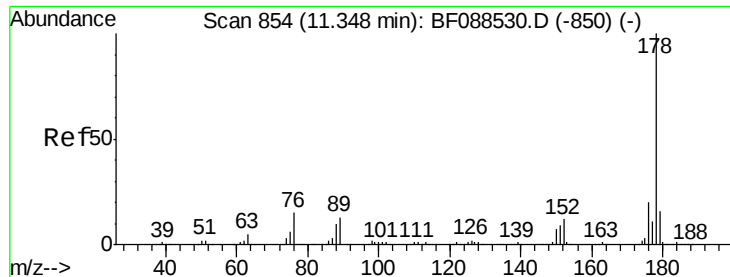
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF088569.D
Acq: 1 Jul 2016 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	454167		
94	6.6	9.0	13.6#	
80	7.0	10.0	15.0#	





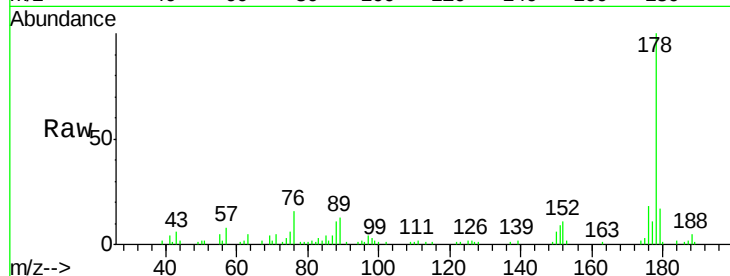
#70
Phenanthrene
Concen: 2.54 ng
RT: 11.34 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF088569.D
Acq: 1 Jul 2016 12:25

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

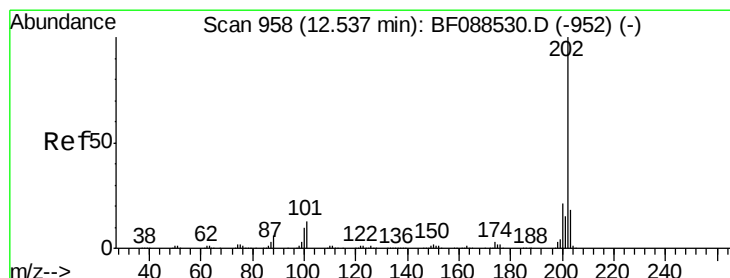
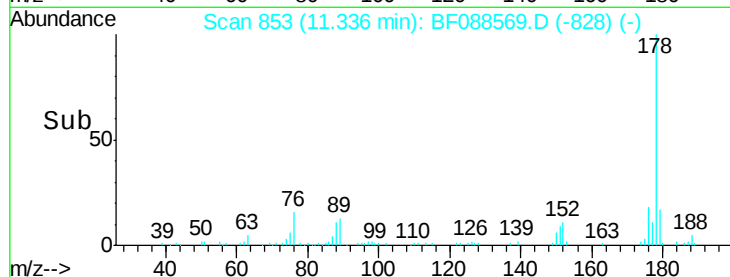
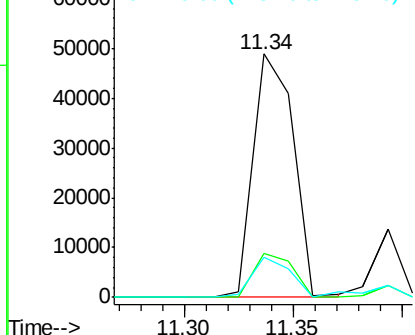
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.8	23.6
179	16.6	13.0	19.4

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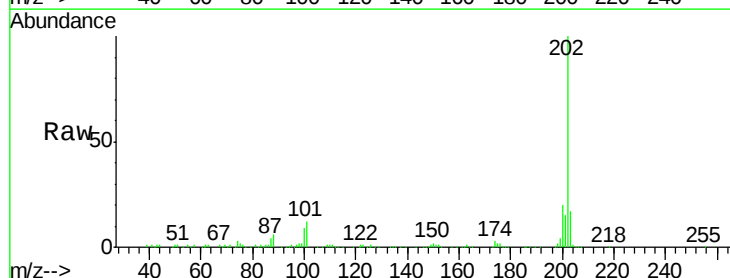


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

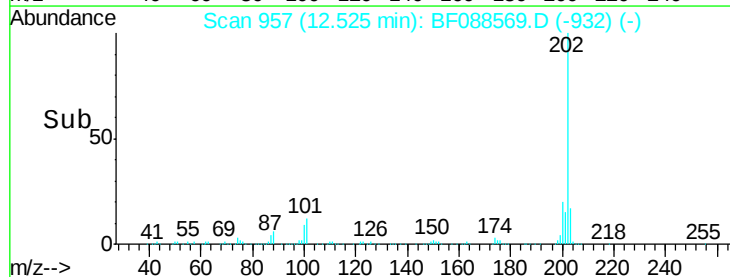
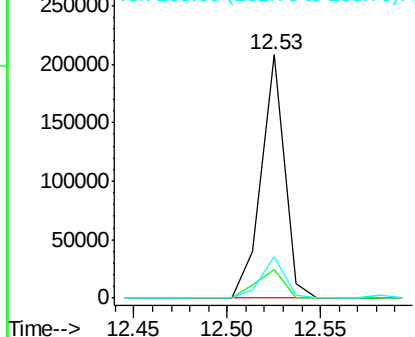


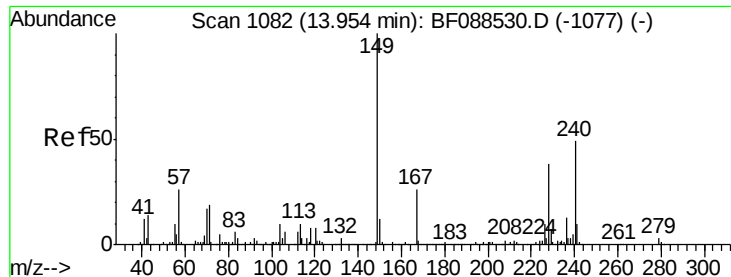
#74
Fluoranthene
Concen: 7.14 ng
RT: 12.53 min Scan# 957
Delta R.T. -0.01 min
Lab File: BF088569.D
Acq: 1 Jul 2016 12:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	33.1
203	17.0	0.0	38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BF088569.D

Acq: 1 Jul 2016 12:25

Instrument :

BNA_F

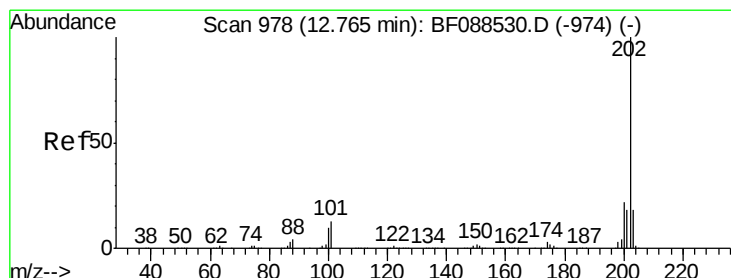
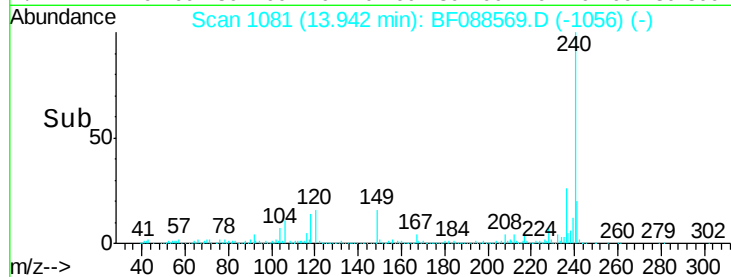
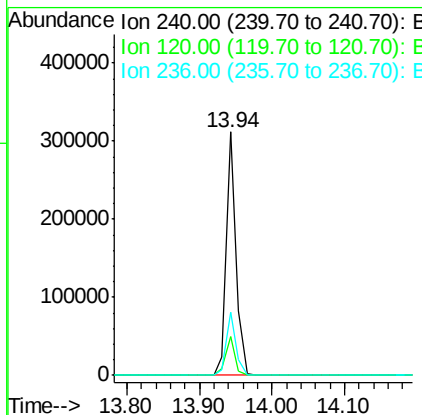
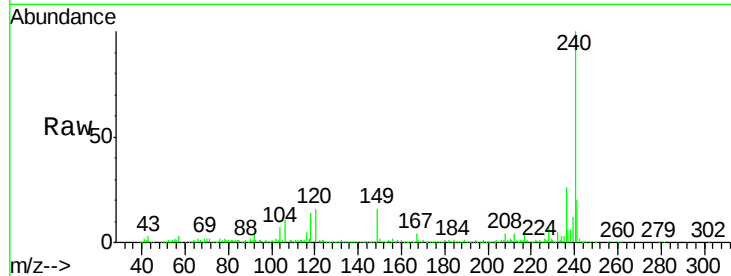
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
240	100	292876		
120	15.8	6.8	10.2	
236	25.9	20.2	30.2	

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#77

Pyrene

Concen: 5.91 ng

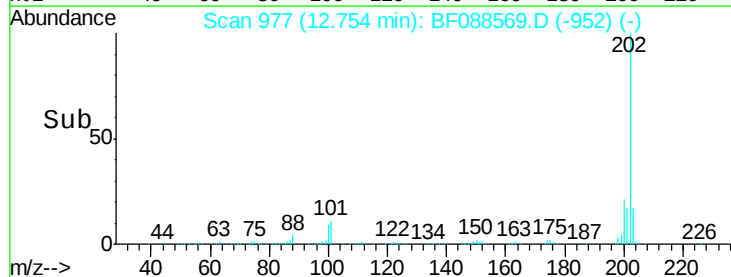
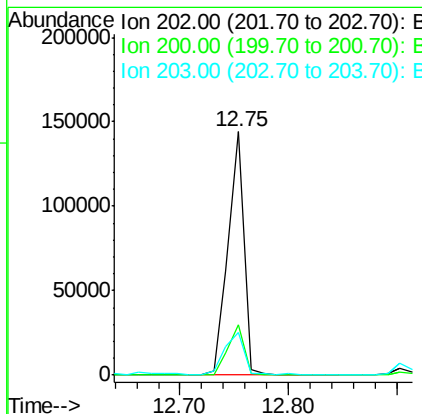
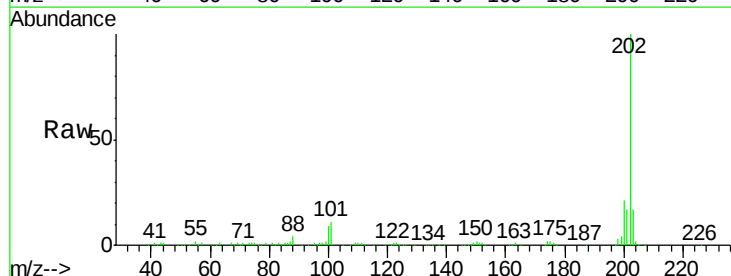
RT: 12.75 min Scan# 977

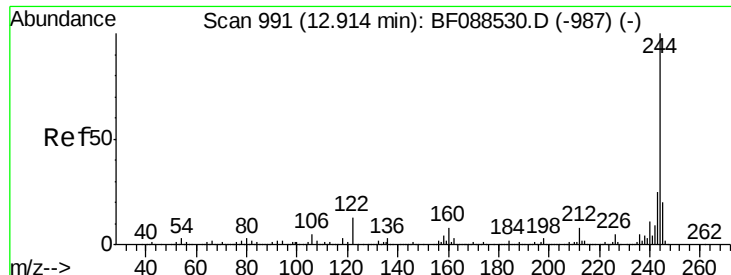
Delta R.T. -0.01 min

Lab File: BF088569.D

Acq: 1 Jul 2016 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	146681		
200	20.8	17.4	26.2	
203	17.3	14.5	21.7	





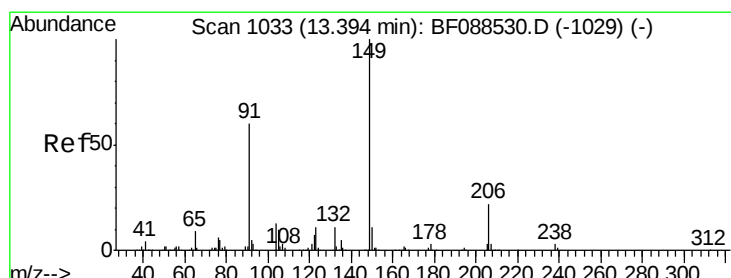
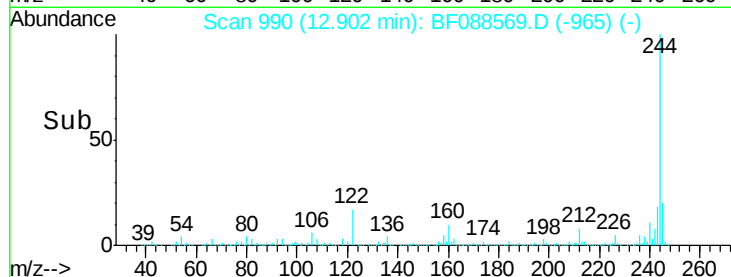
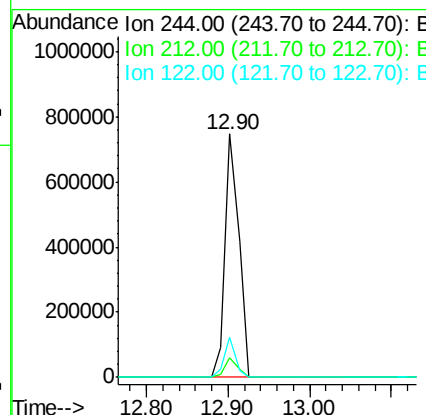
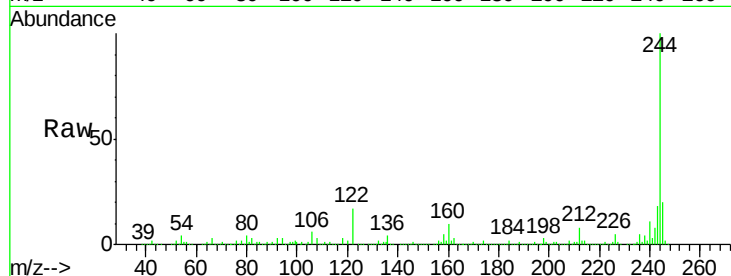
#78
 Terphenyl-d14
 Concen: 66.02 ng
 RT: 12.90 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF088569.D
 Acq: 1 Jul 2016 12:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	868125		
212	8.1	6.0	9.0	
122	16.6	11.2	16.8	

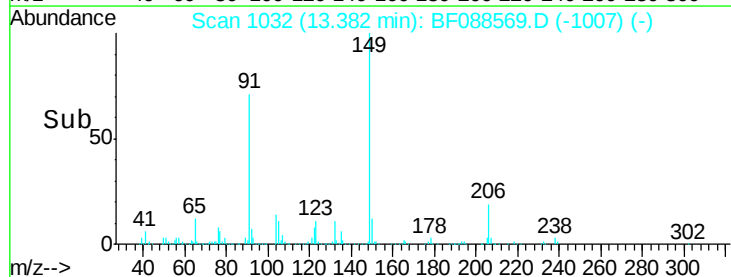
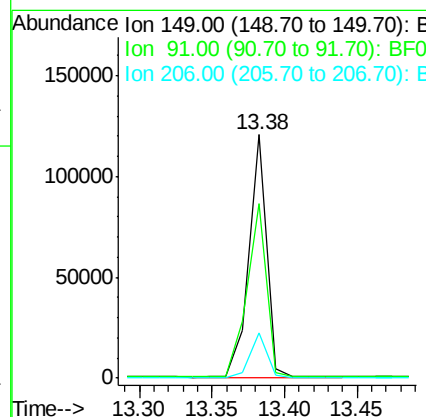
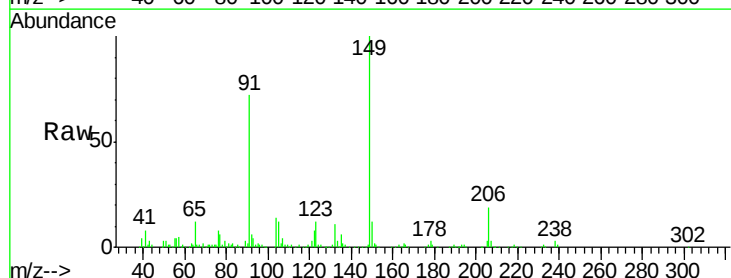
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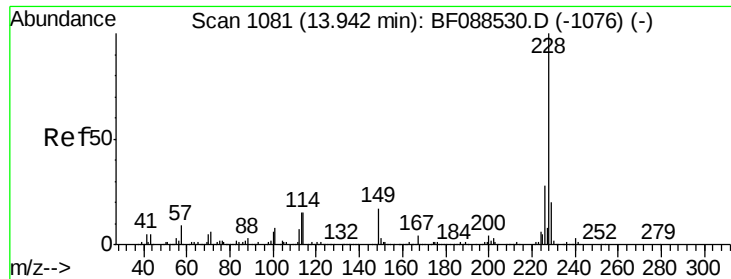
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#79
 Butylbenzylphthalate
 Concen: 9.24 ng
 RT: 13.38 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF088569.D
 Acq: 1 Jul 2016 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	102314		
91	71.6	48.0	72.0	
206	18.7	16.0	24.0	





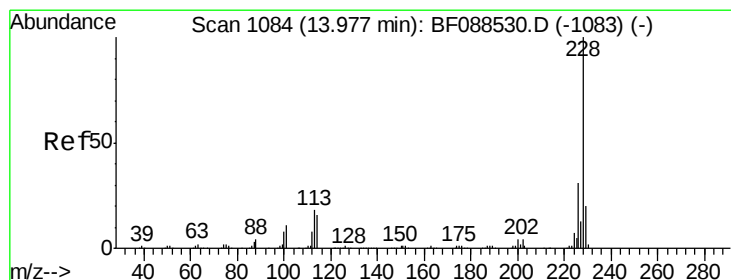
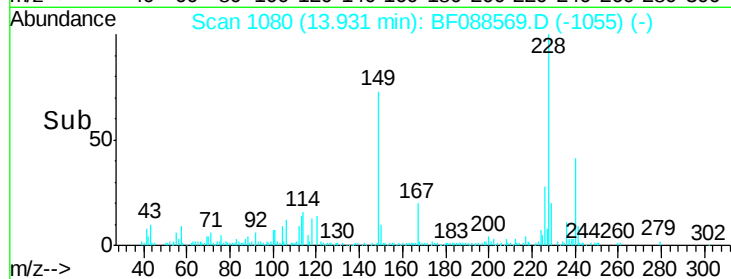
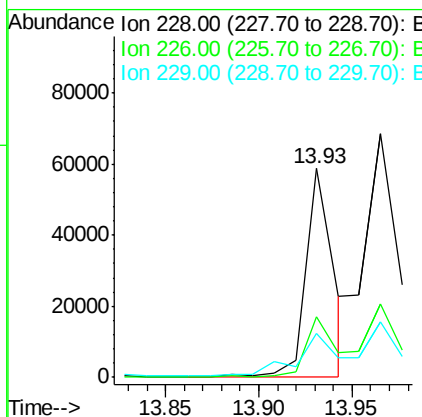
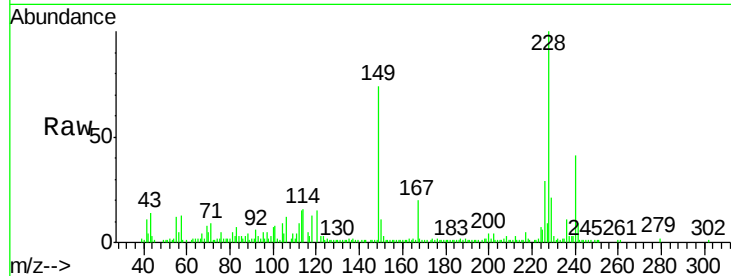
#80
Benzo(a)anthracene
Concen: 3.22 ng
RT: 13.93 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BF088569.D
Acq: 1 Jul 2016 12:25

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.3	33.5
229	21.4	16.0	24.0

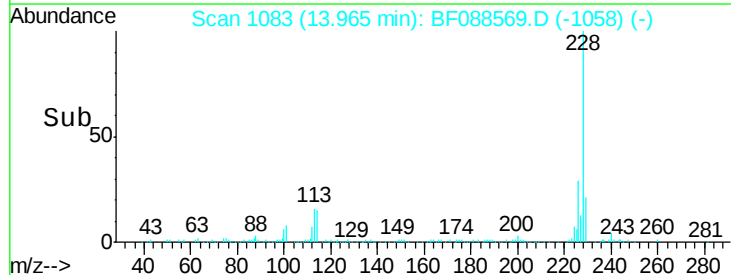
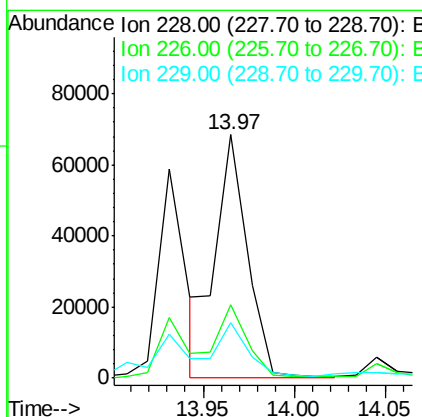
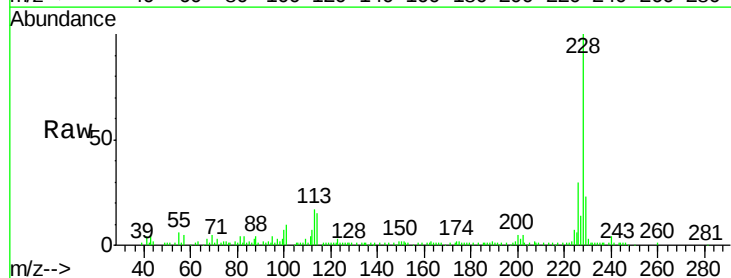
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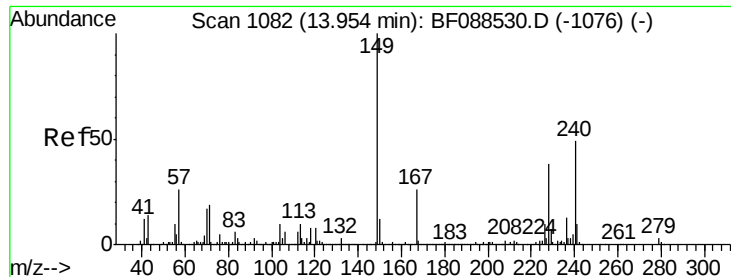
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#82
Chrysene
Concen: 4.45 ng m
RT: 13.97 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BF088569.D
Acq: 1 Jul 2016 12:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.4	38.2
229	22.6	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 6.30 ng

RT: 13.94 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BF088569.D

Acq: 1 Jul 2016 12:25

Instrument :

BNA_F

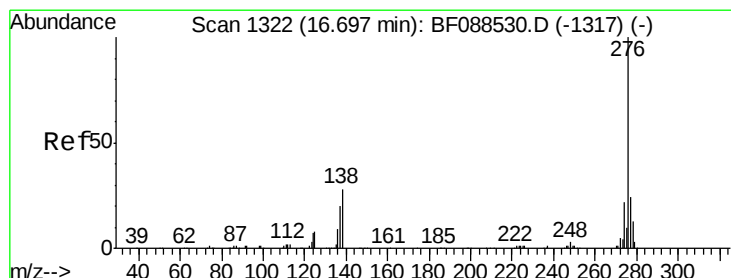
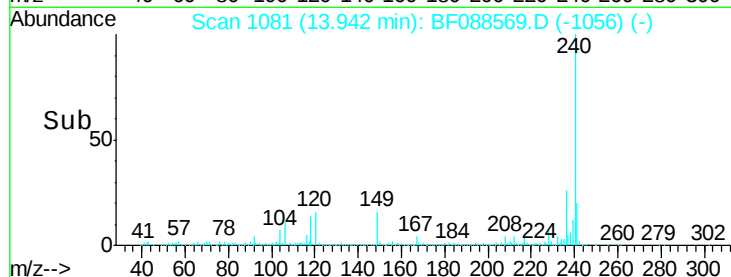
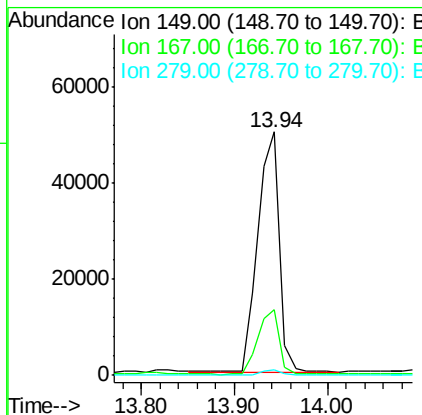
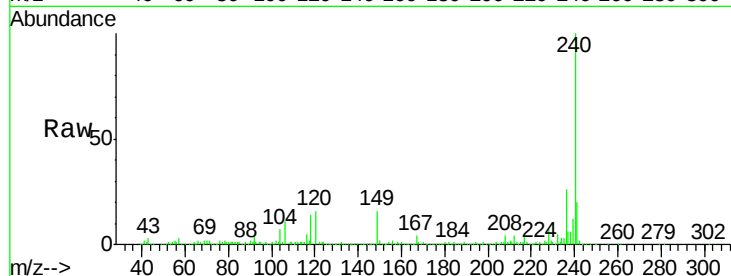
ClientSampleId :

SB-02-COMP

Tgt Ion:	149	Resp:	79644
Ion Ratio	Lower	Upper	
149	100		
167	27.2	20.5	30.7
279	2.4	2.0	3.0

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#85

Indeno(1,2,3-cd)pyrene

Concen: 2.66 ng

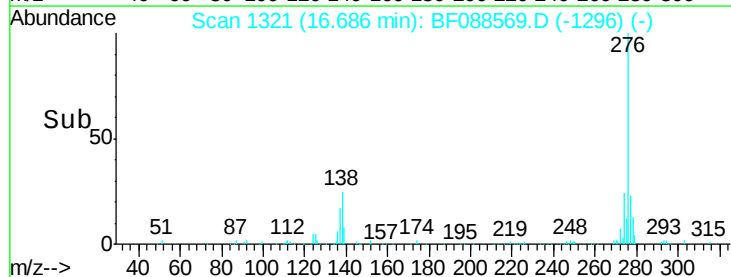
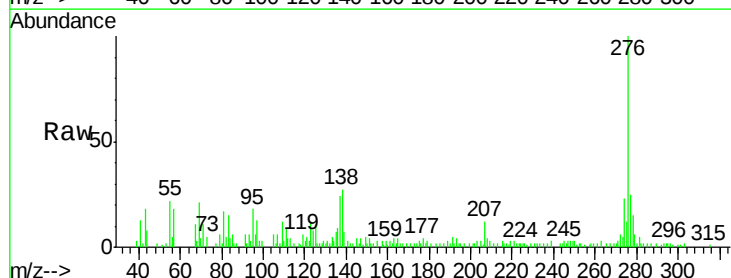
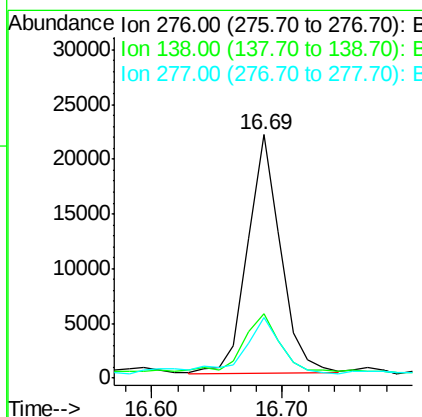
RT: 16.69 min Scan# 1321

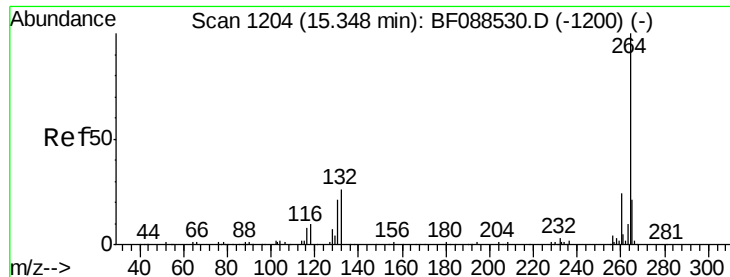
Delta R.T. -0.01 min

Lab File: BF088569.D

Acq: 1 Jul 2016 12:25

Tgt Ion:	276	Resp:	38250
Ion Ratio	Lower	Upper	
276	100		
138	26.4	0.0	0.0#
277	28.3	0.0	0.0#





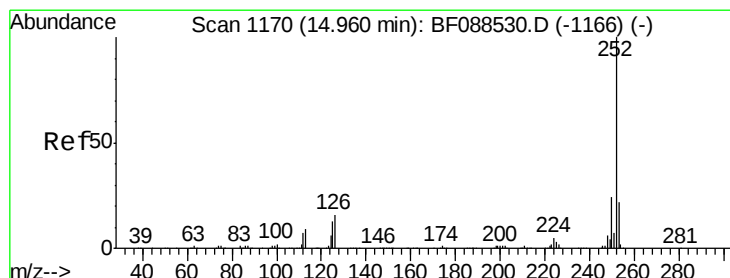
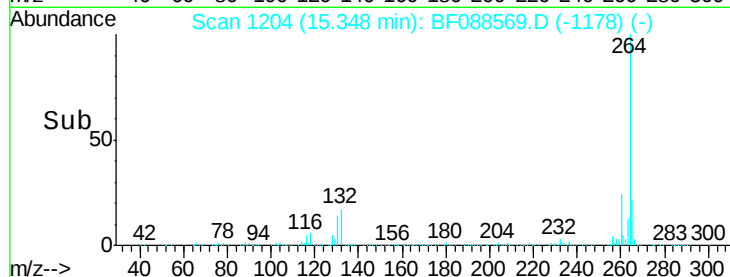
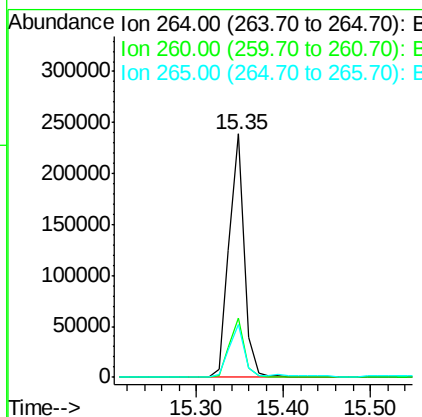
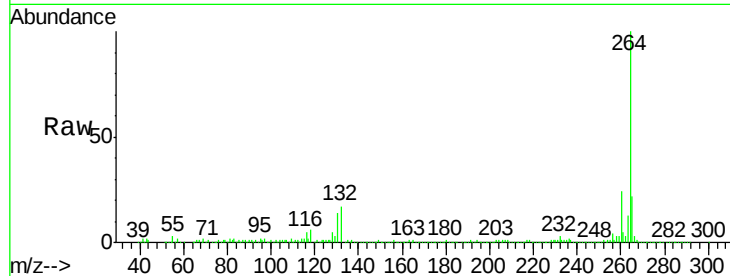
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF088569.D
Acq: 1 Jul 2016 12:25

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.6	16.9	25.3

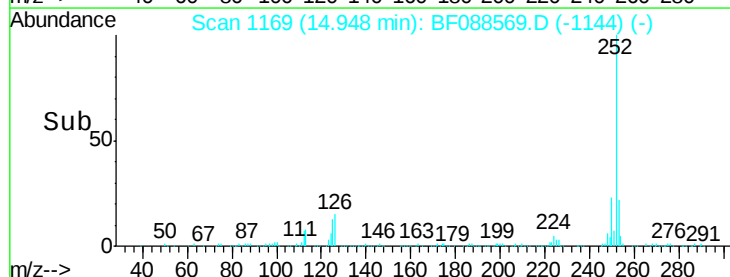
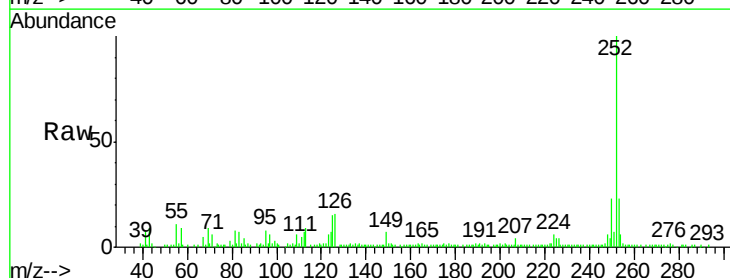
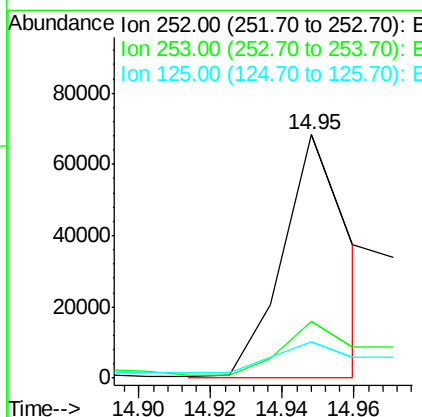
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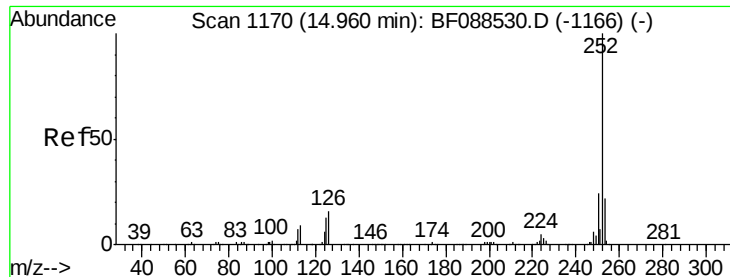
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#87
Benzo(b)fluoranthene
Concen: 4.80 ng m
RT: 14.95 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF088569.D
Acq: 1 Jul 2016 12:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.2
125	14.9	7.1	10.7#





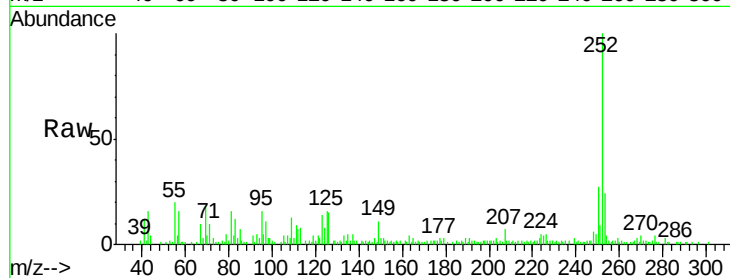
#88
Benzo(k)fluoranthene
Concen: 2.17 ng m
RT: 14.96 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF088569.D
Acq: 1 Jul 2016 12:25

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

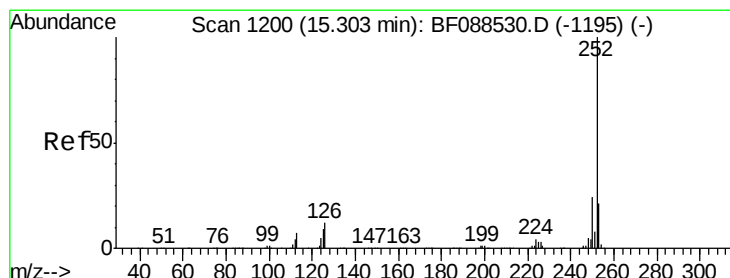
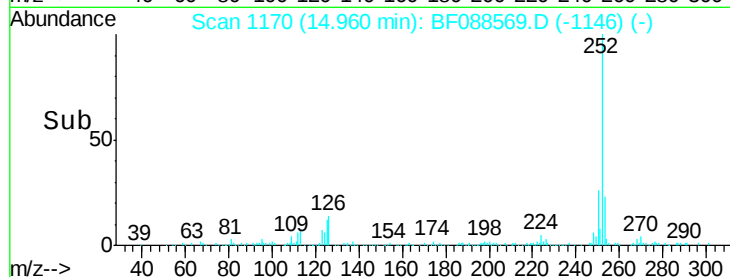
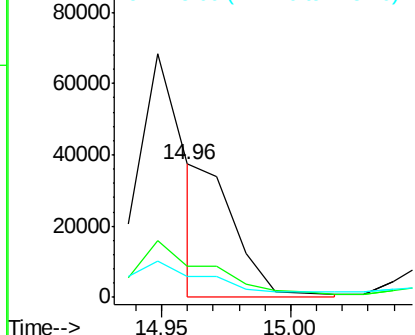
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	16.1	11.2	16.8

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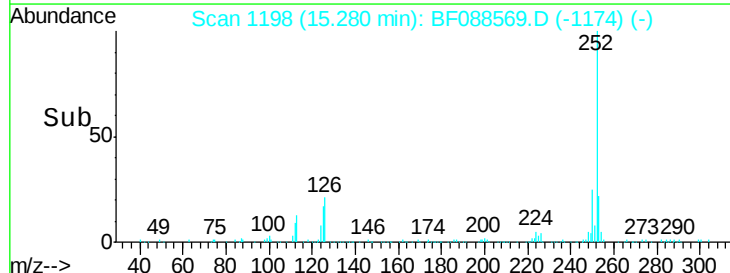
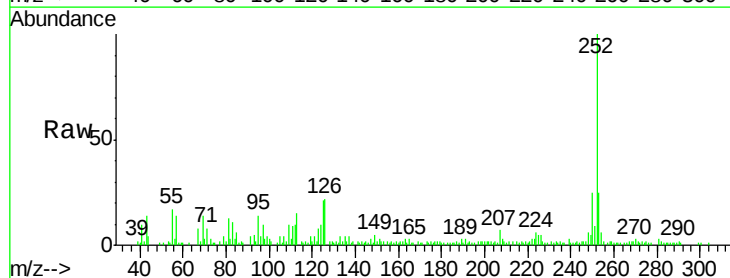
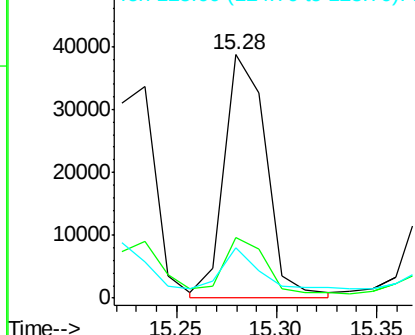
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

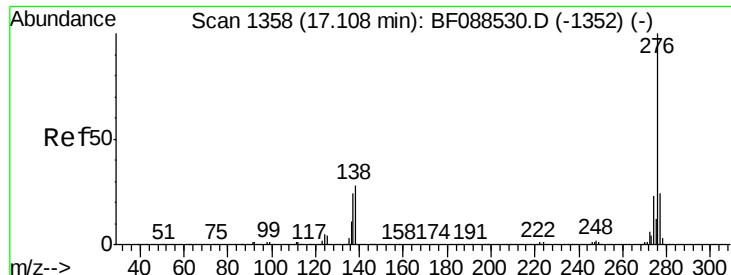


#89
Benzo(a)pyrene
Concen: 3.64 ng m
RT: 15.28 min Scan# 1198
Delta R.T. -0.02 min
Lab File: BF088569.D
Acq: 1 Jul 2016 12:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.9	26.9
125	20.7	12.5	18.7#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





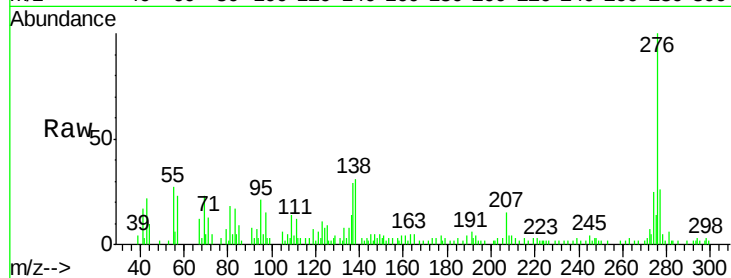
#91
 Benzo(g,h,i)perylene
 Concen: 3.00 ng
 RT: 17.09 min Scan# 1356
 Delta R.T. -0.02 min
 Lab File: BF088569.D
 Acq: 1 Jul 2016 12:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Tgt Ion:	276	Resp:	39887
Ion Ratio		Lower	Upper
276	100		
277	25.9	18.9	28.3
138	30.6	21.4	32.2

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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

