

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
 Data File : BF088591.D
 Acq On : 1 Jul 2016 23:39
 Operator : UM/SJ
 Sample : H3816-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-COMP

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Quant Time: Jul 02 03:42:43 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	135757	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	509646	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	221305	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	388086	20.00	ng	0.00
75) Chrysene-d12	13.94	240	257013	20.00	ng	-0.01
86) Perylene-d12	15.35	264	237331	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1027116	113.39	ng	0.00
7) Phenol-d6	6.44	99	1209043	103.30	ng	0.00
23) Nitrobenzene-d5	7.37	82	795612	81.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	241650	117.59	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	1426798	101.84	ng	0.00
78) Terphenyl-d14	12.90	244	951794	82.48	ng	-0.01
Target Compounds						Qvalue
32) Benzoic acid	7.80	122	14756	2.43	ng	98
49) Dimethylphthalate	9.56	163	185183	11.75	ng	98
74) Fluoranthene	12.53	202	80031	3.72	ng	97
77) Pyrene	12.75	202	62659	2.88	ng	99
80) Benzo(a)anthracene	13.93	228	41215	2.49	ng	# 85
83) Bis(2-ethylhexyl)phthalate	13.94	149	48373	4.36	ng	99
87) Benzo(b)fluoranthene	14.95	252	45286m	3.04	ng	
89) Benzo(a)pyrene	15.28	252	29677	2.35	ng	# 91

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



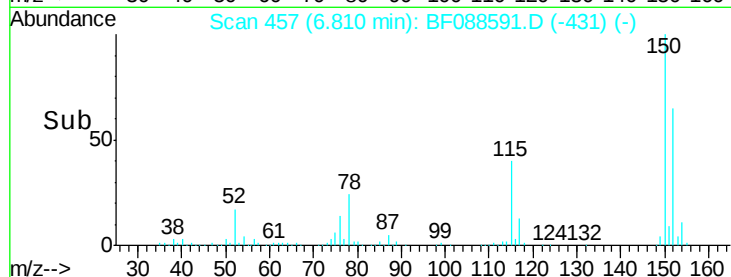
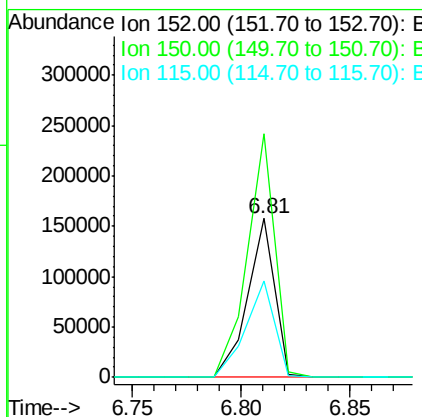
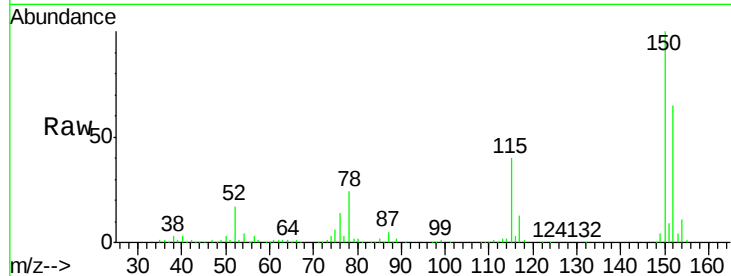
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.81 min Scan# 457
 Delta R.T. -0.00 min
 Lab File: BF088591.D
 Acq: 1 Jul 2016 23:39

Instrument :
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 SB-09-COMP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.4	123.8	185.6
115	60.8	39.6	59.4

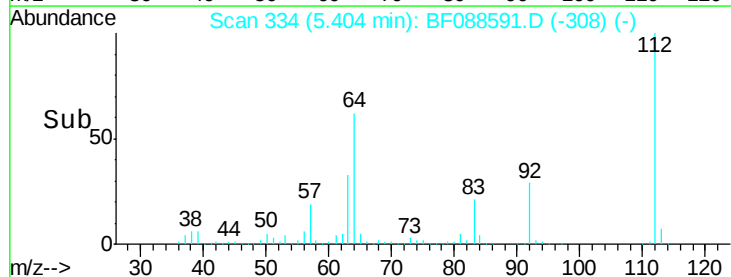
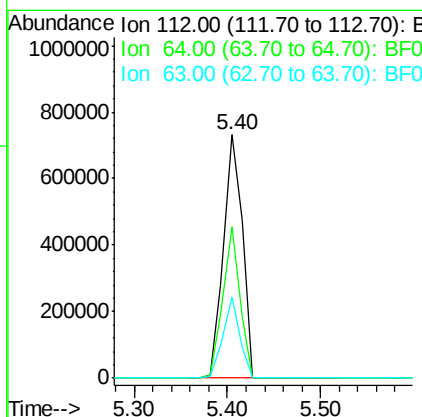
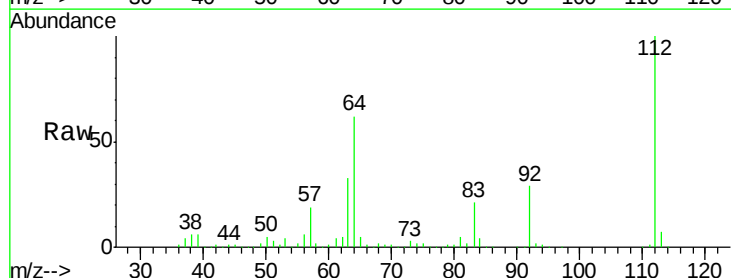
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#5
 2-Fluorophenol
 Concen: 113.39 ng
 RT: 5.40 min Scan# 334
 Delta R.T. 0.00 min
 Lab File: BF088591.D
 Acq: 1 Jul 2016 23:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.4	42.2	63.2
63	33.1	21.8	32.8





#7

Phenol-d6

Concen: 103.30 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF088591.D

Acq: 1 Jul 2016 23:39

Instrument :

BNA_F

ClientSampleId :

SB-09-COMP

Tgt Ion: 99 Resp: 1209043

Ion Ratio Lower Upper

99 100

42 18.1 12.2 18.2

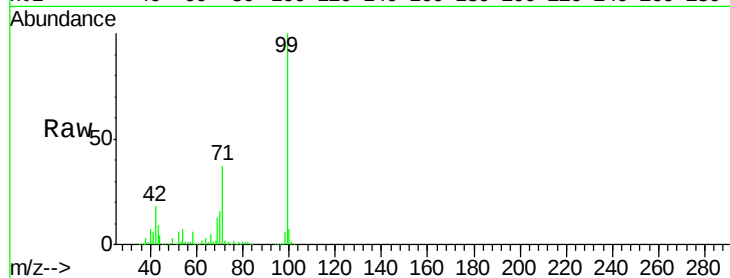
71 37.3 23.4 35.0#

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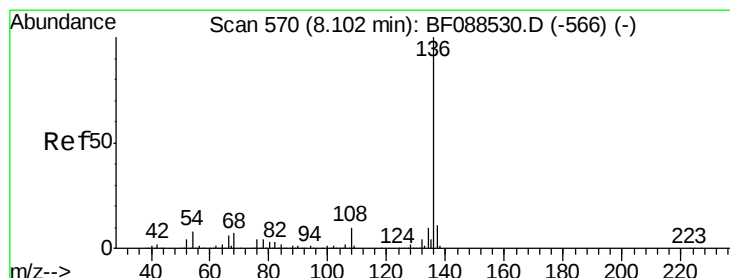
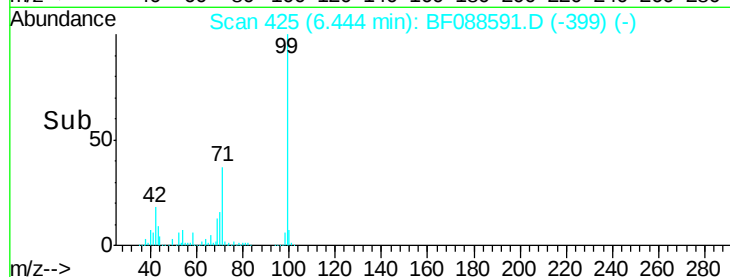
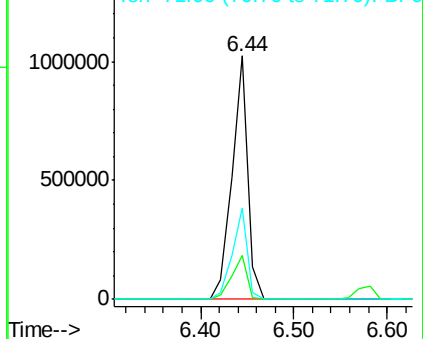
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 569

Delta R.T. -0.01 min

Lab File: BF088591.D

Acq: 1 Jul 2016 23:39

Tgt Ion: 136 Resp: 509646

Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.7 6.6 10.0

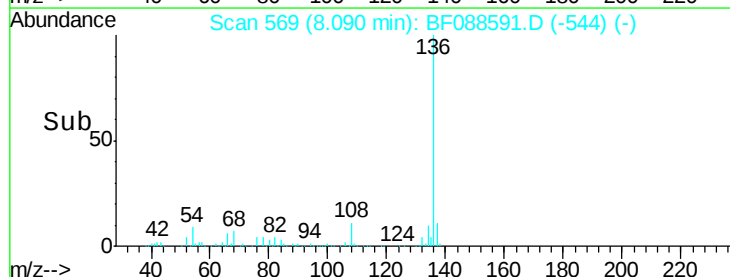
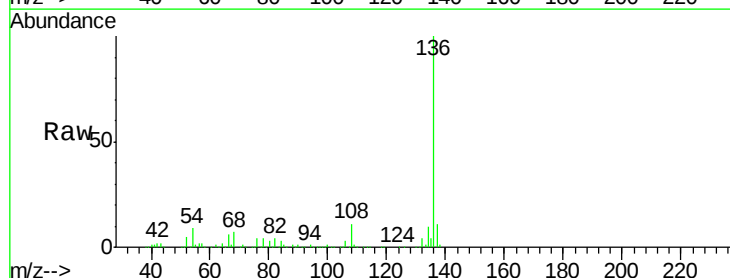
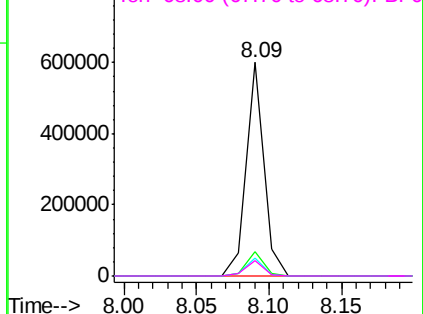
68 7.2 5.1 7.7

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): BF0

Ion 68.00 (67.70 to 68.70): BF0





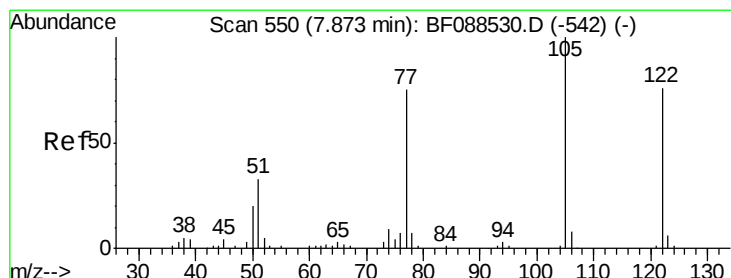
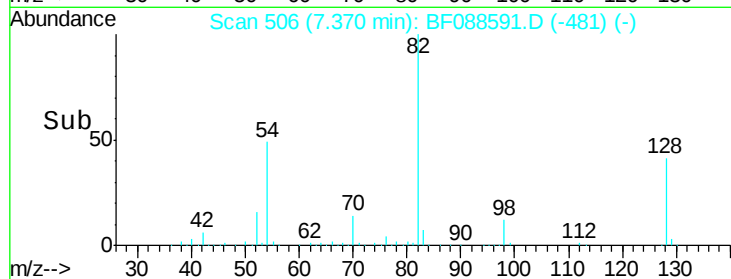
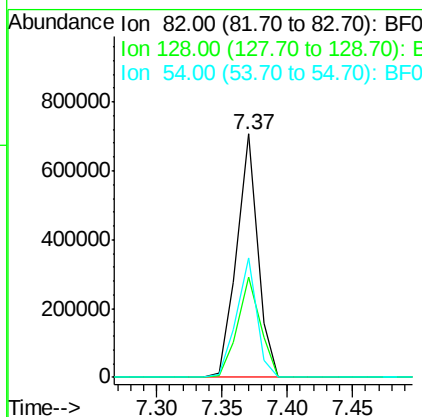
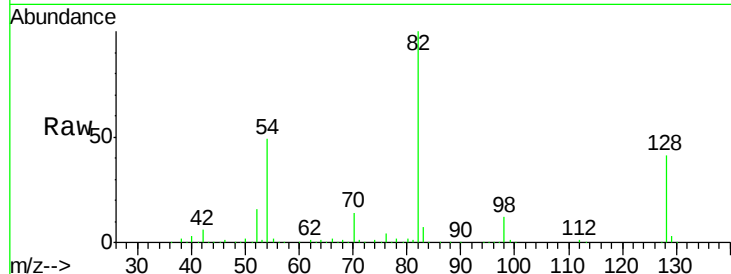
#23
 Nitrobenzene-d5
 Concen: 81.81 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.01 min
 Lab File: BF088591.D
 Acq: 1 Jul 2016 23:39

Instrument :
 BNA_F
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 SB-09-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	795612		
128	41.2	35.9	53.9	
54	48.8	40.9	61.3	

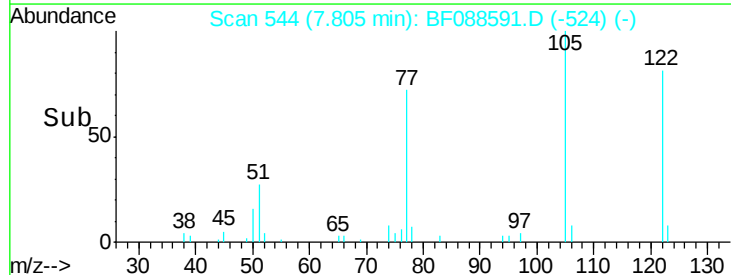
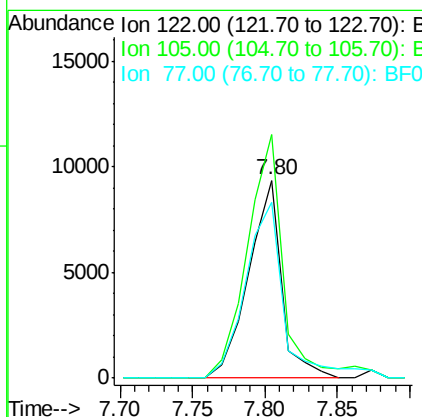
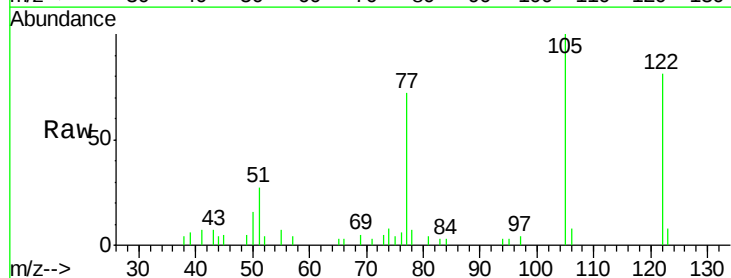
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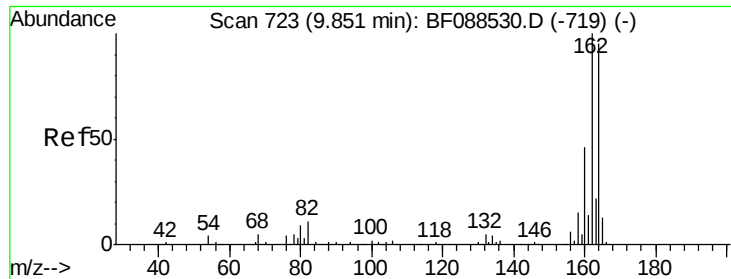
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#32
 Benzoic acid
 Concen: 2.43 ng
 RT: 7.80 min Scan# 544
 Delta R.T. -0.07 min
 Lab File: BF088591.D
 Acq: 1 Jul 2016 23:39

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	14756		
105	122.9	101.6	141.6	
77	88.5	70.6	110.6	





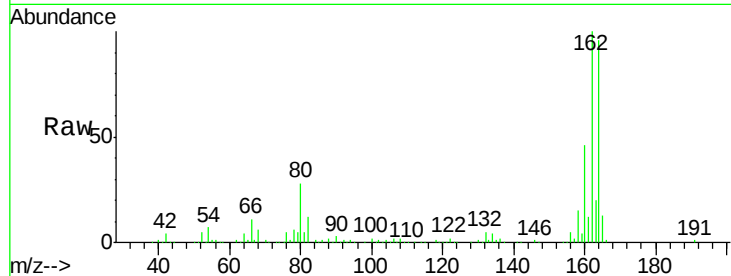
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF088591.D
Acq: 1 Jul 2016 23:39

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

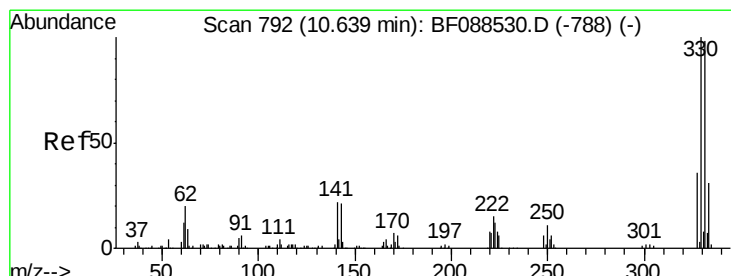
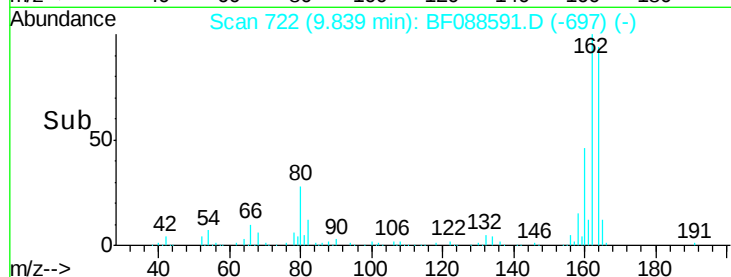
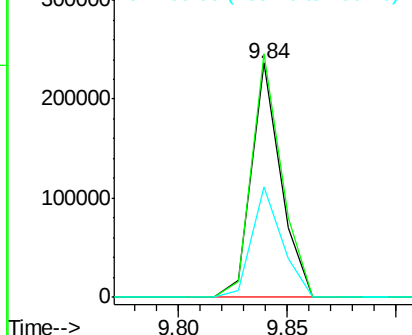
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	221305		
162	104.0	85.4	128.2	
160	47.5	39.5	59.3	

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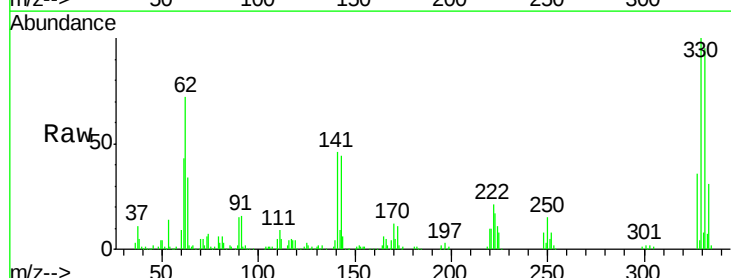


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

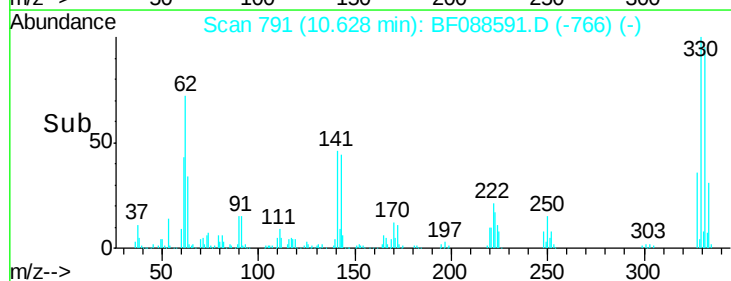
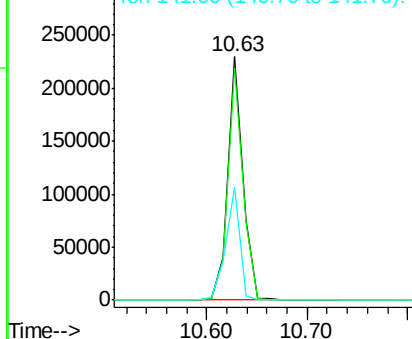


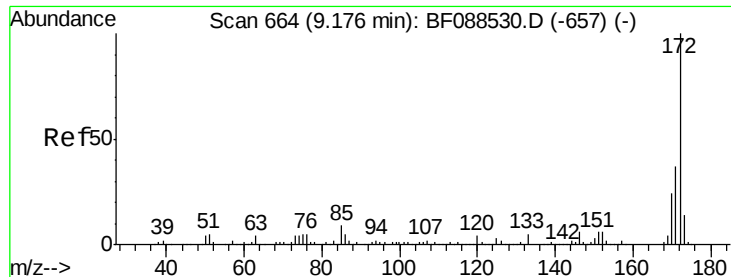
#41
2,4,6-Tribromophenol
Concen: 117.59 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF088591.D
Acq: 1 Jul 2016 23:39

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	241650		
332	95.8	0.0	0.0#	
141	43.5	0.0	0.0#	



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





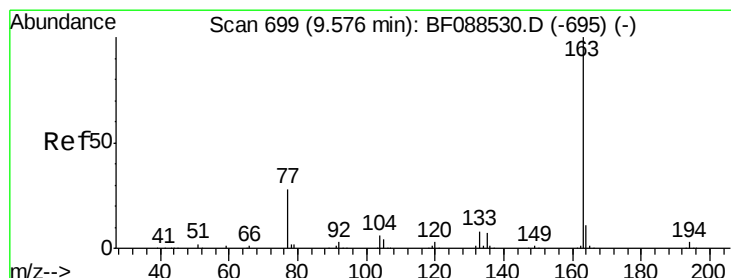
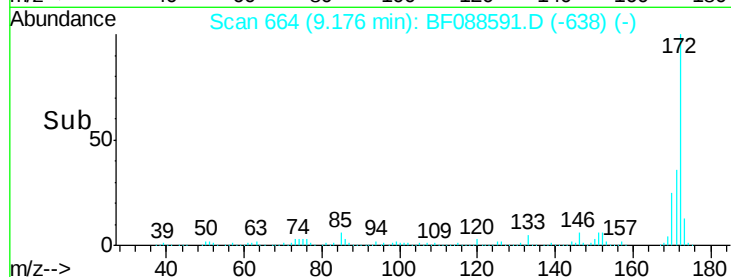
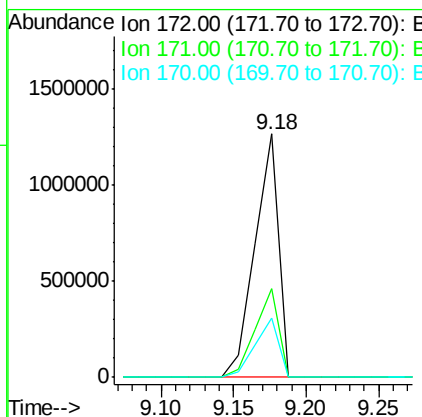
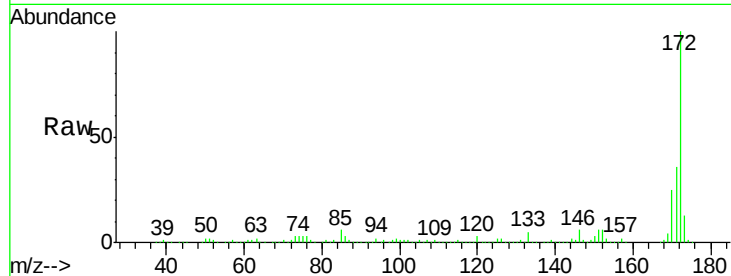
#44
2-Fluorobiphenyl
Concen: 101.84 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF088591.D
Acq: 1 Jul 2016 23:39

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

Tgt Ion:172 Resp: 1426798
Ion Ratio Lower Upper
172 100
171 36.5 28.6 43.0
170 24.5 19.2 28.8

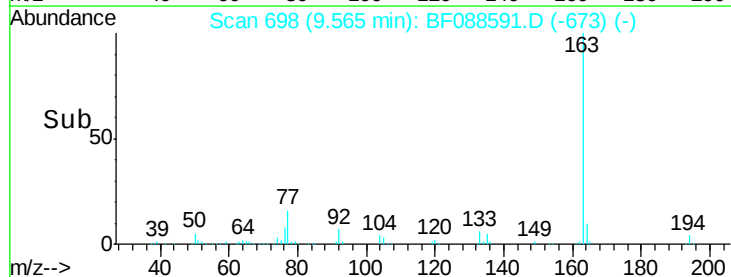
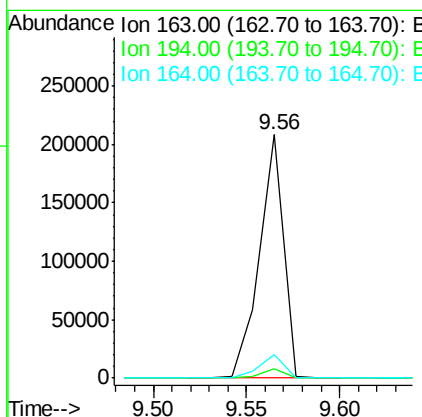
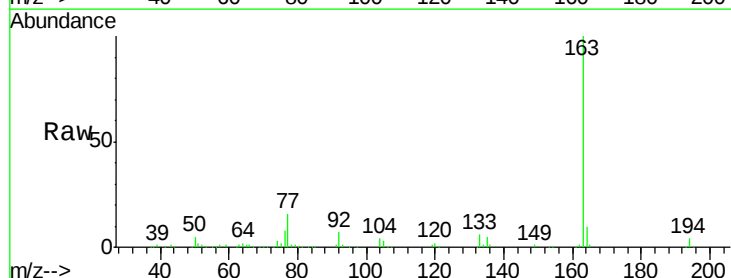
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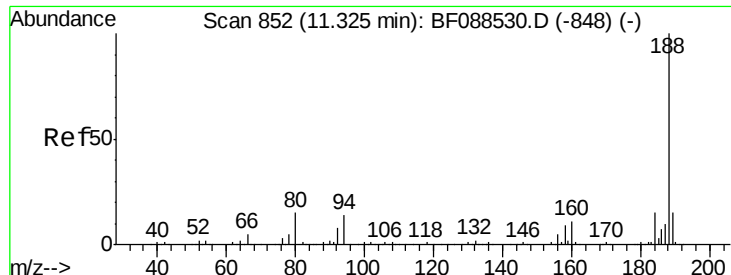
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#49
Dimethylphthalate
Concen: 11.75 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF088591.D
Acq: 1 Jul 2016 23:39

Tgt Ion:163 Resp: 185183
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 9.6 8.3 12.5





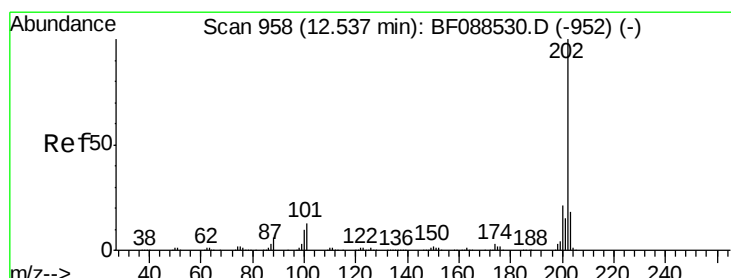
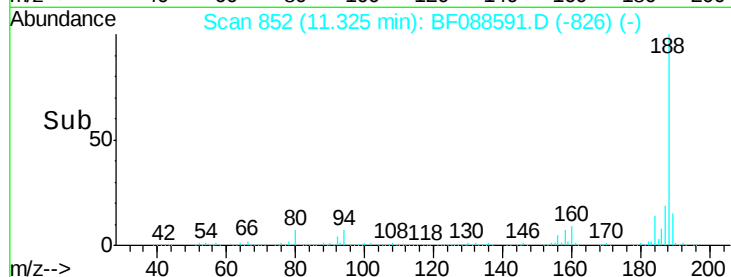
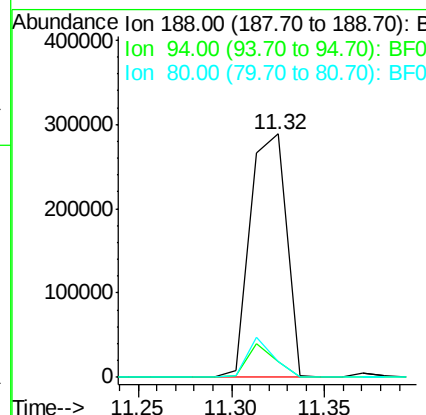
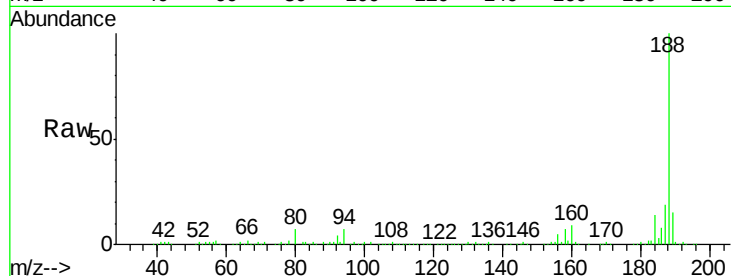
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF088591.D
Acq: 1 Jul 2016 23:39

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	6.5	9.0	13.6#
80	6.6	10.0	15.0#

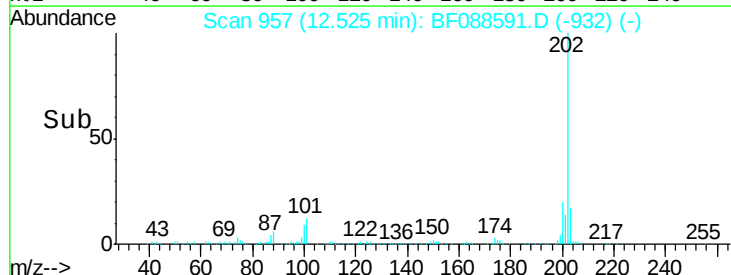
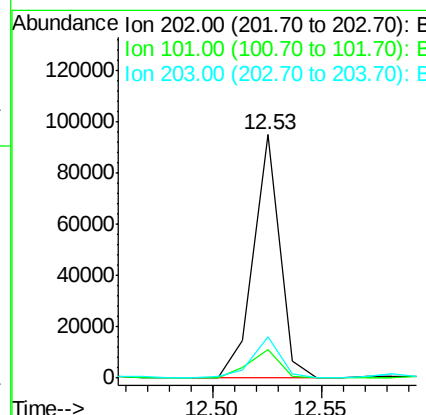
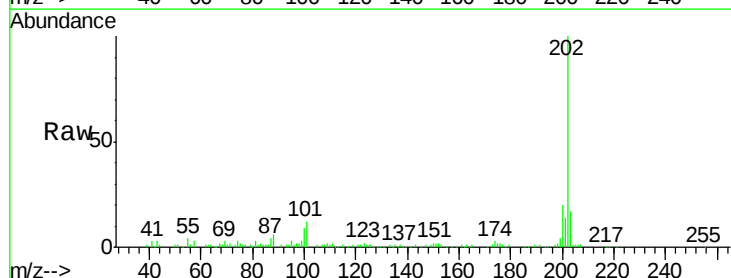
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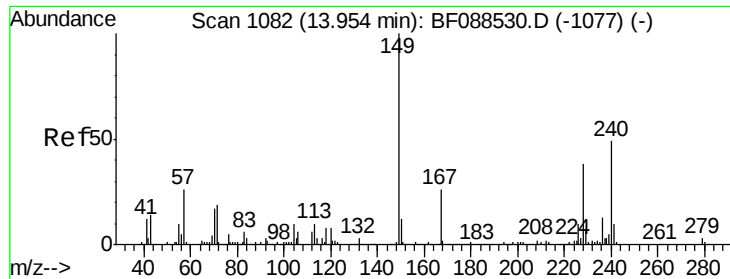
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#74
Fluoranthene
Concen: 3.72 ng
RT: 12.53 min Scan# 957
Delta R.T. -0.01 min
Lab File: BF088591.D
Acq: 1 Jul 2016 23:39

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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BF088591.D

Acq: 1 Jul 2016 23:39

Instrument :

BNA_F

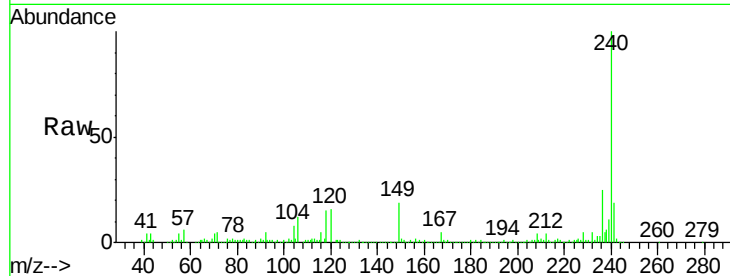
ClientSampleId :

SB-09-COMP

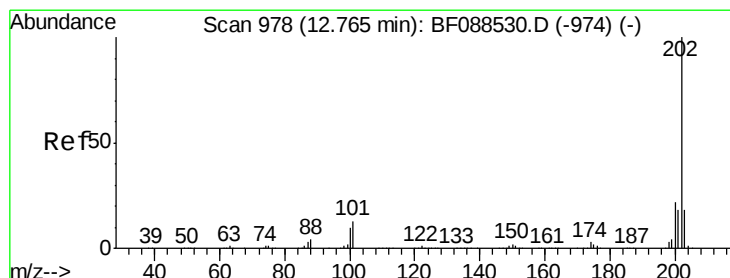
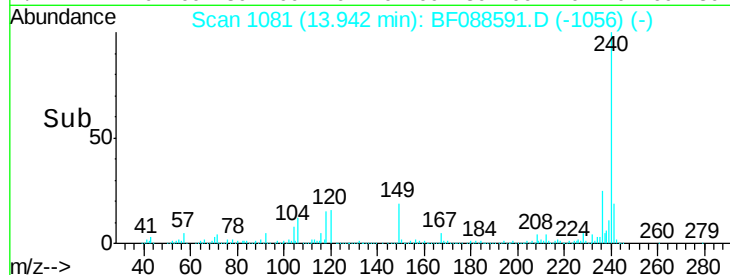
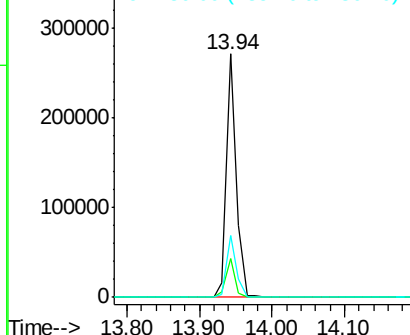
Tgt Ion:240 Resp: 257013
 Ion Ratio Lower Upper
 240 100
 120 15.8 6.8 10.2#
 236 25.5 20.2 30.2

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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



#77

Pyrene

Concen: 2.88 ng

RT: 12.75 min Scan# 977

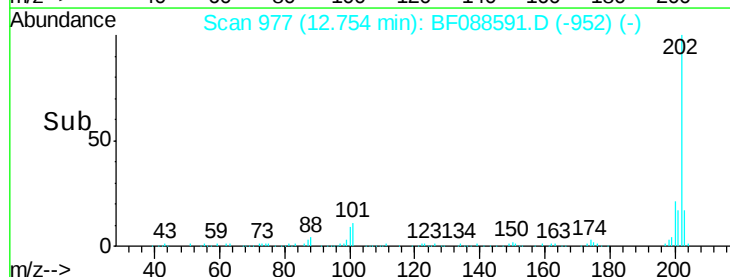
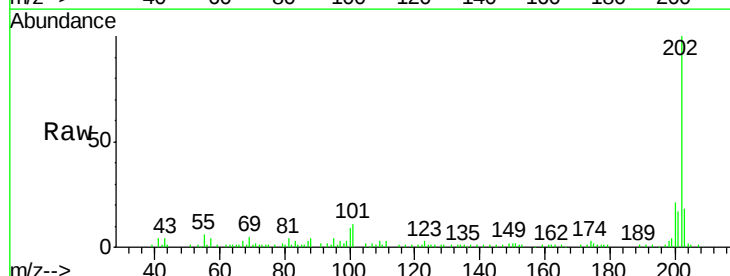
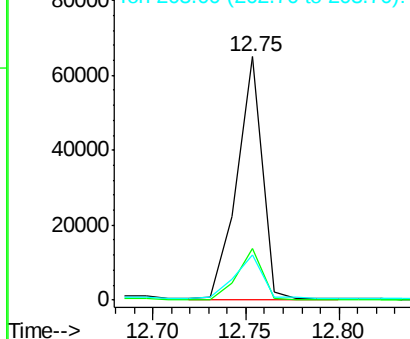
Delta R.T. -0.01 min

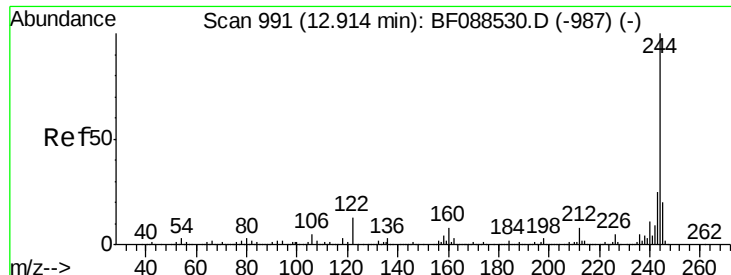
Lab File: BF088591.D

Acq: 1 Jul 2016 23:39

Tgt Ion:202 Resp: 62659
 Ion Ratio Lower Upper
 202 100
 200 21.0 17.4 26.2
 203 18.4 14.5 21.7

Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E





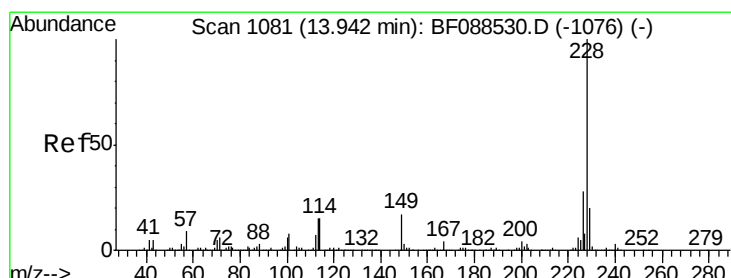
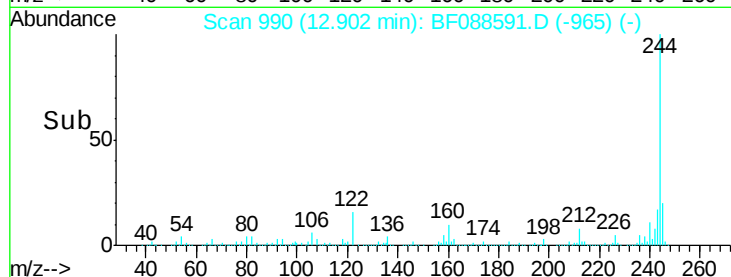
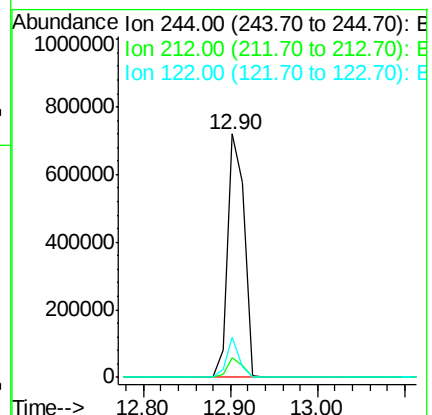
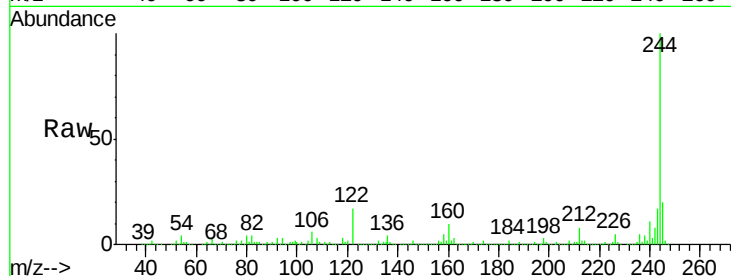
#78
 Terphenyl-d14
 Concen: 82.48 ng
 RT: 12.90 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF088591.D
 Acq: 1 Jul 2016 23:39

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-COMP

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

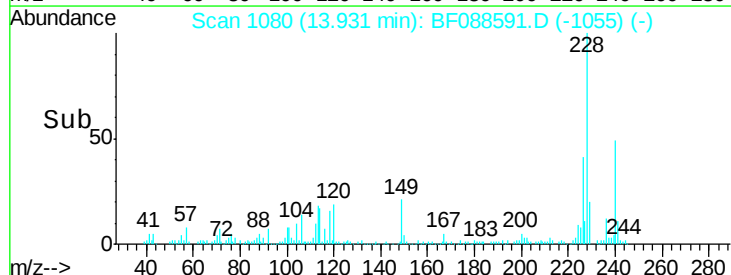
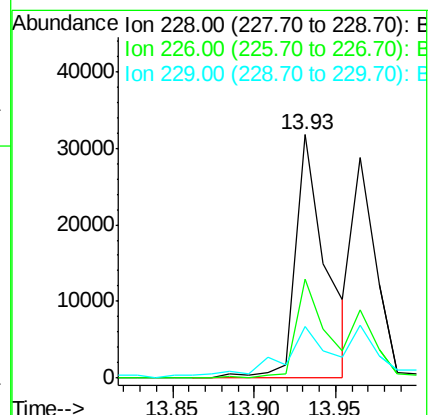
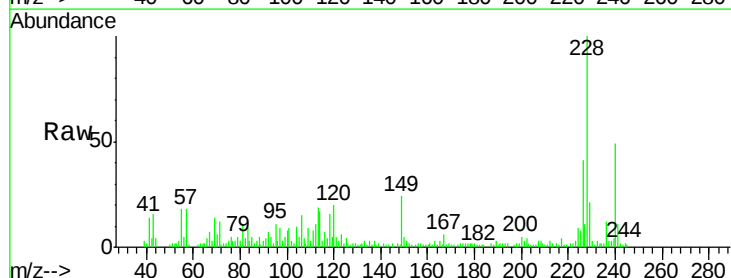
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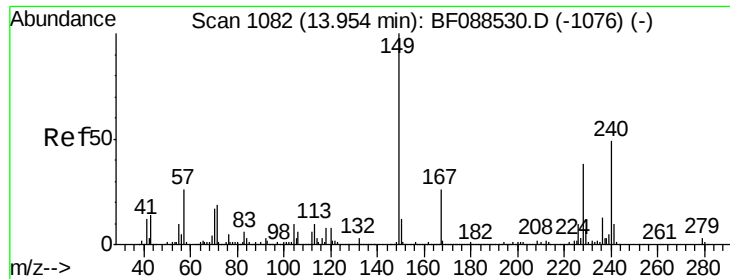
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#80
 Benzo(a)anthracene
 Concen: 2.49 ng
 RT: 13.93 min Scan# 1080
 Delta R.T. -0.01 min
 Lab File: BF088591.D
 Acq: 1 Jul 2016 23:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	40.7	22.3	33.5#
229	21.2	16.0	24.0





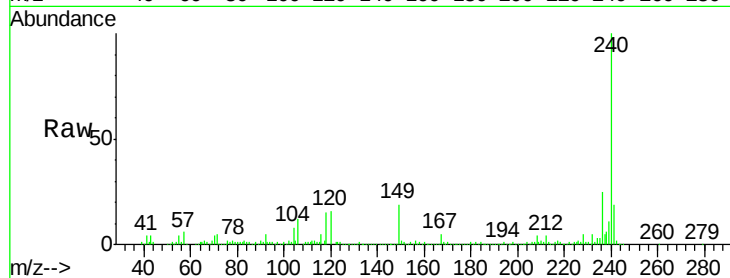
#83
Bis(2-ethylhexyl)phthalate
Concen: 4.36 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BF088591.D
Acq: 1 Jul 2016 23:39

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

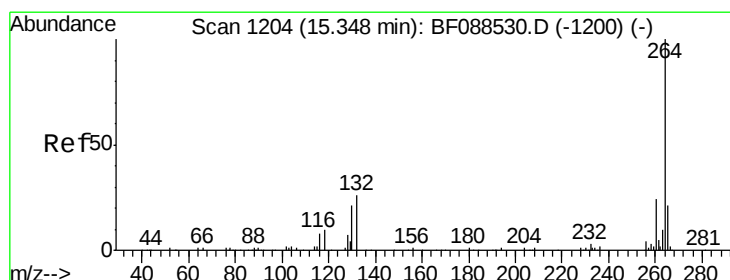
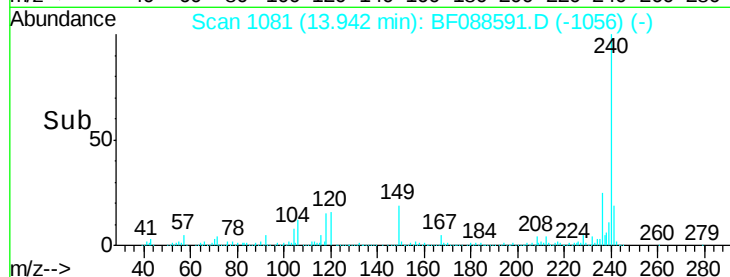
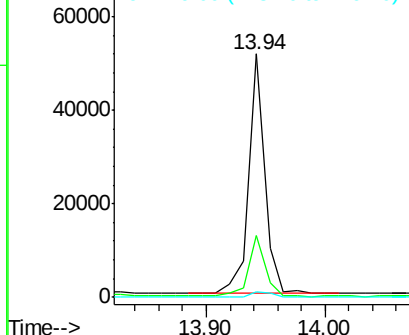
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	48373		
167	25.2	20.5	30.7	
279	2.1	2.0	3.0	

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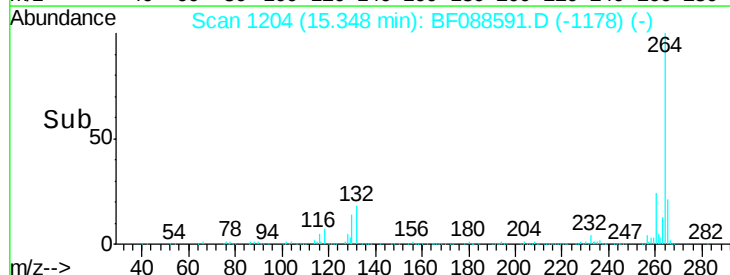
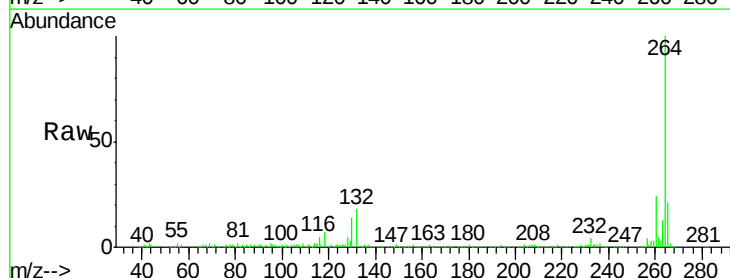
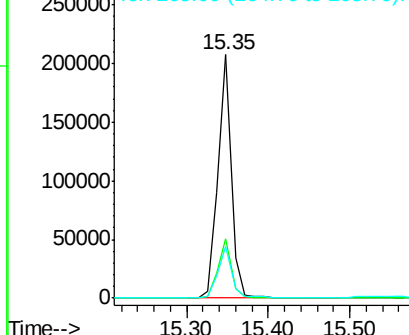
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

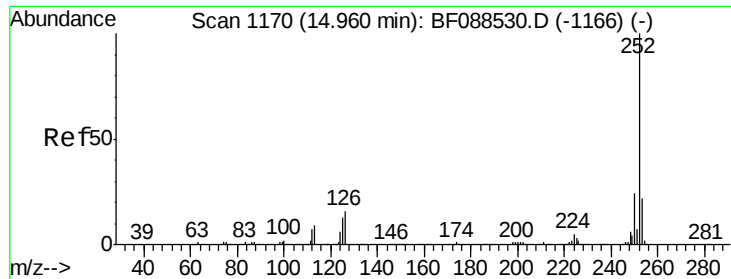


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF088591.D
Acq: 1 Jul 2016 23:39

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	237331		
260	24.5	19.2	28.8	
265	21.4	16.9	25.3	

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





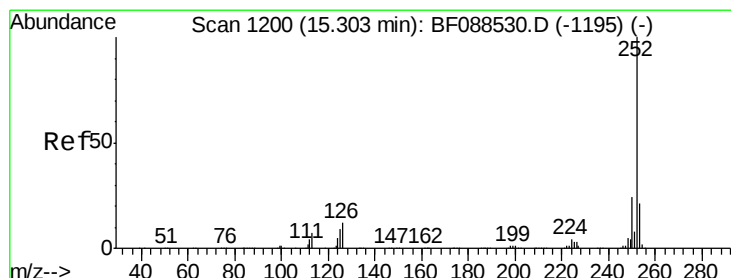
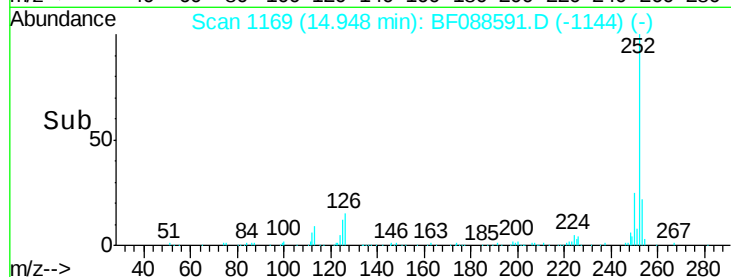
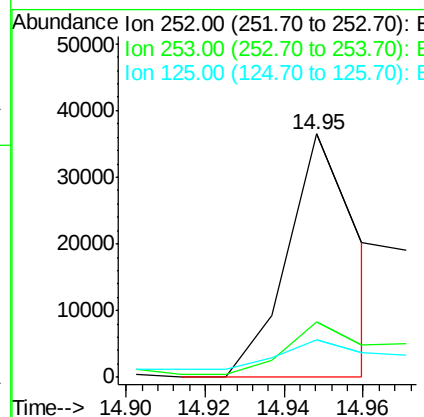
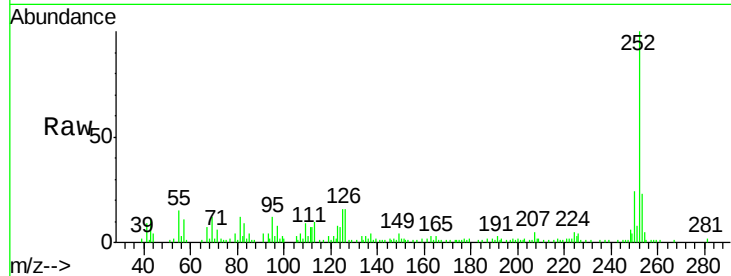
#87
Benzo(b)fluoranthene
Concen: 3.04 ng m
RT: 14.95 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF088591.D
Acq: 1 Jul 2016 23:39

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.2
125	15.5	7.1	10.7#

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#89
Benzo(a)pyrene
Concen: 2.35 ng
RT: 15.28 min Scan# 1198
Delta R.T. -0.02 min
Lab File: BF088591.D
Acq: 1 Jul 2016 23:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.9	26.9
125	19.9	12.5	18.7#

