

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
 Data File : BF088576.D
 Acq On : 1 Jul 2016 15:49
 Operator : UM/SJ
 Sample : H3808-13 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-COMP

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Quant Time: Jul 01 16:52:01 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	148646	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	546862	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	226677	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	385090	20.00	ng	0.00
75) Chrysene-d12	13.94	240	275545	20.00	ng	-0.01
86) Perylene-d12	15.35	264	245318	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	206770	20.85	ng	-0.01
7) Phenol-d6	6.43	99	265136	20.69	ng	-0.01
23) Nitrobenzene-d5	7.36	82	138787	13.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.63	330	39664	18.84	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	250557	17.46	ng	-0.01
78) Terphenyl-d14	12.90	244	166340	13.45	ng	-0.01
Target Compounds						Qvalue
70) Phenanthrene	11.35	178	117529	5.58	ng	96
74) Fluoranthene	12.52	202	248564	11.65	ng	99
77) Pyrene	12.75	202	212565	9.10	ng	98
79) Butylbenzylphthalate	13.38	149	60647	5.82	ng	# 86
80) Benzo(a)anthracene	13.94	228	110888	6.25	ng	98
82) Chrysene	13.98	228	103127	5.87	ng	96
83) Bis(2-ethylhexyl)phthalate	13.94	149	57412	4.83	ng	96
85) Indeno(1,2,3-cd)pyrene	16.70	276	54134	4.01	ng	# 100
87) Benzo(b)fluoranthene	14.95	252	152793m	9.93	ng	
88) Benzo(k)fluoranthene	14.97	252	31374m	2.34	ng	
89) Benzo(a)pyrene	15.29	252	83877	6.44	ng	100
91) Benzo(g,h,i)perylene	17.10	276	52579	4.67	ng	97

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

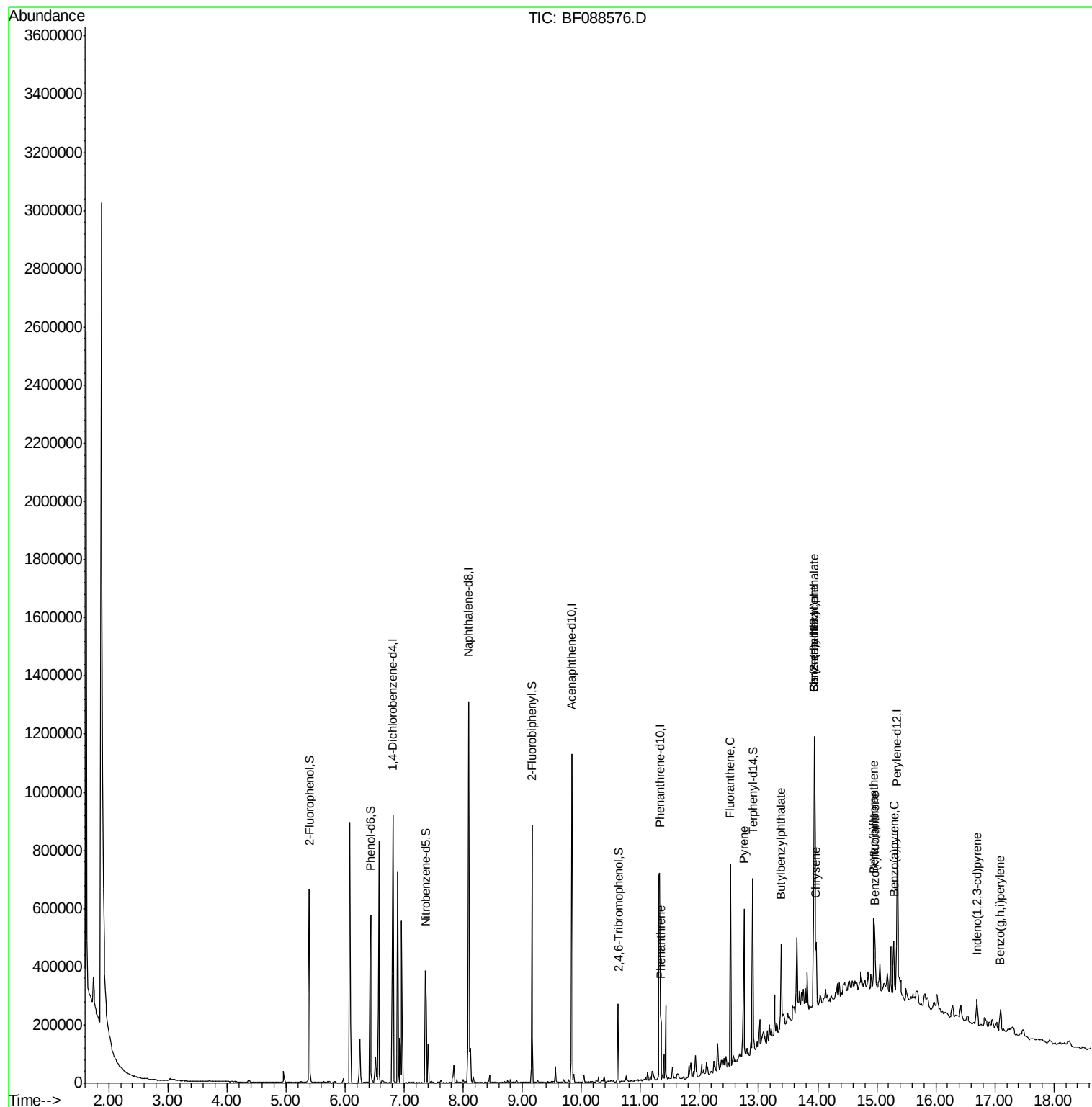
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
Data File : BF088576.D
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#1

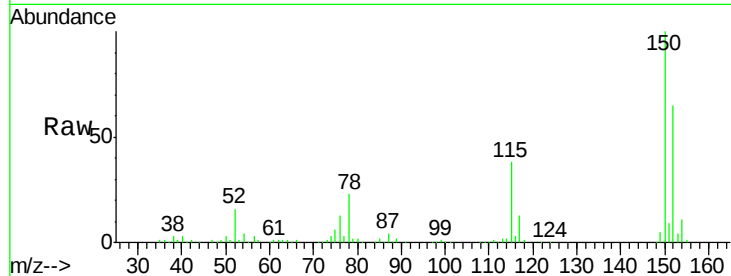
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF088576.D
Acq: 1 Jul 2016 15:49

Instrument :
BNA_F
ClientSampleId :
SB-07-COMP

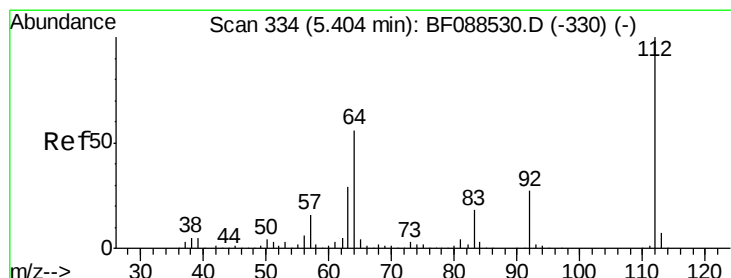
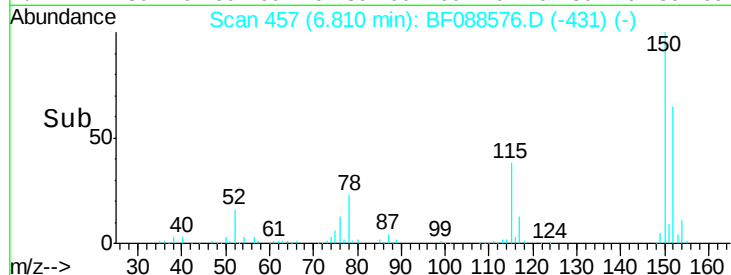
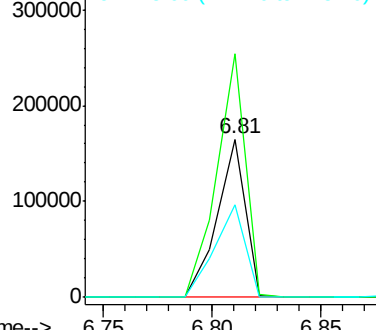
Tgt Ion	Ratio	Resp	Lower	Upper
152	100	148646		
150	154.1	123.8	185.6	
115	58.3	39.6	59.4	

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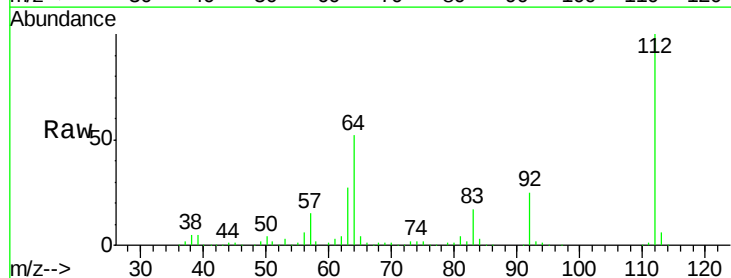
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



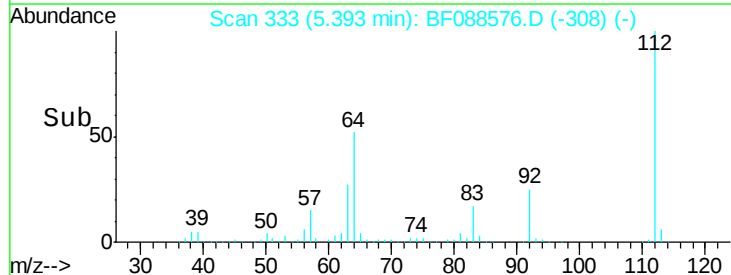
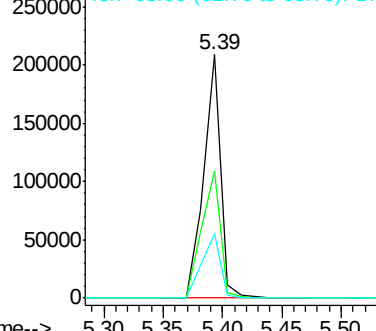
#5

2-Fluorophenol
Concen: 20.85 ng
RT: 5.39 min Scan# 333
Delta R.T. -0.01 min
Lab File: BF088576.D
Acq: 1 Jul 2016 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	206770		
64	52.4	42.2	63.2	
63	26.6	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: 20.69 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF088576.D

Acq: 1 Jul 2016 15:49

Instrument :

BNA_F

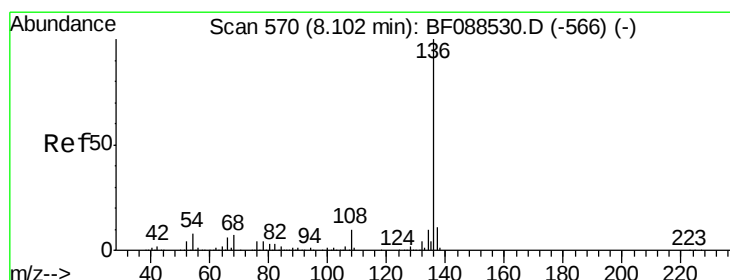
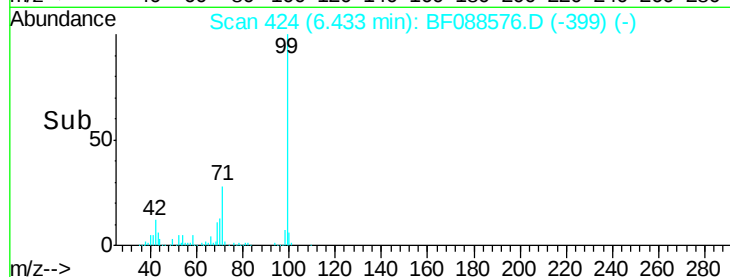
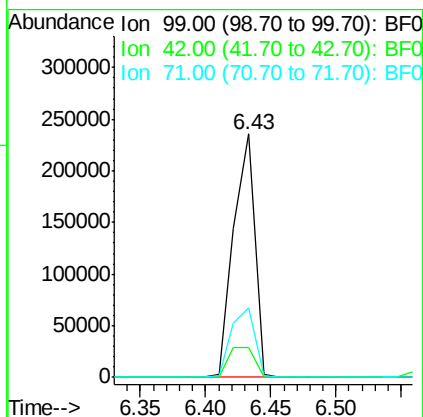
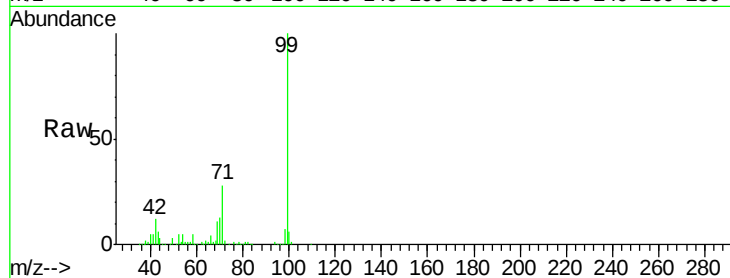
ClientSampleId :

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
99	100		265136		
42	12.4	12.2	18.2		
71	28.4	23.4	35.0		

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#21

Naphthalene-d8

Concen: 20.00 ng

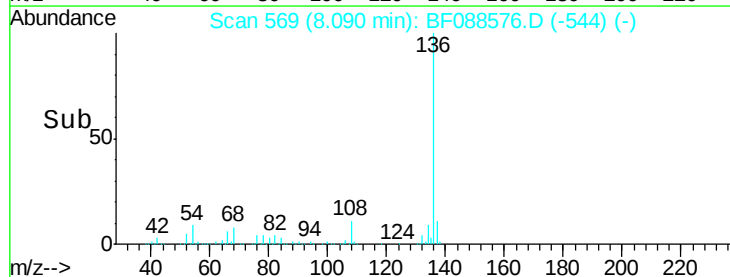
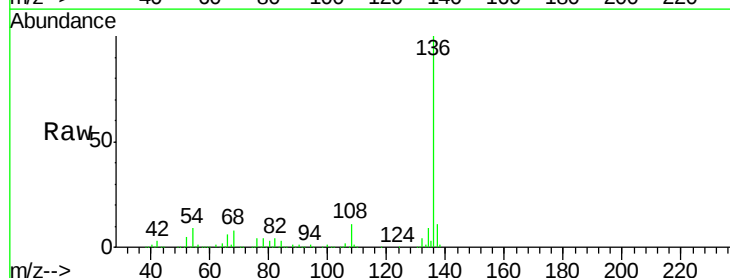
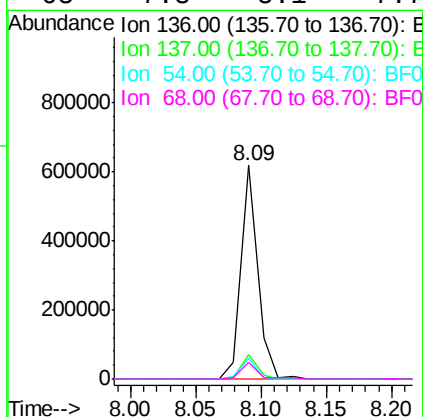
RT: 8.09 min Scan# 569

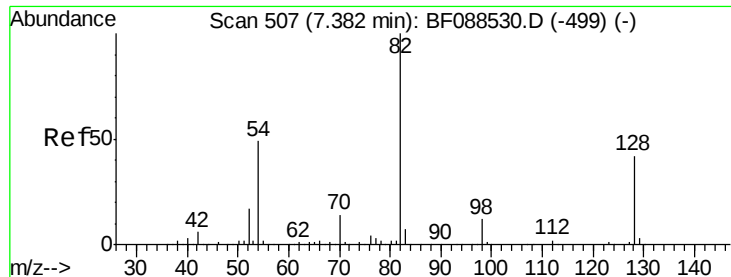
Delta R.T. -0.01 min

Lab File: BF088576.D

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		546862		
137	11.3	9.1	13.7		
54	9.4	6.6	10.0		
68	7.8	5.1	7.7#		





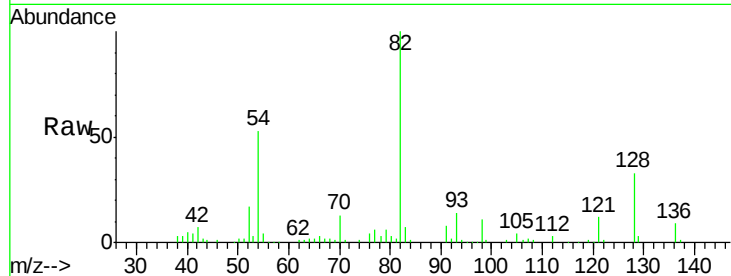
#23
Nitrobenzene-d5
Concen: 13.30 ng
RT: 7.36 min Scan# 505
Delta R.T. -0.02 min
Lab File: BF088576.D
Acq: 1 Jul 2016 15:49

Instrument :
BNA_F
ClientSampleId :
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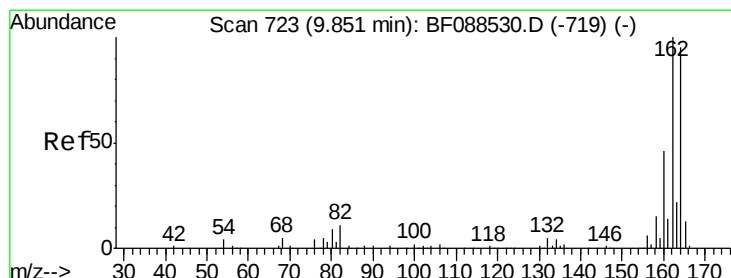
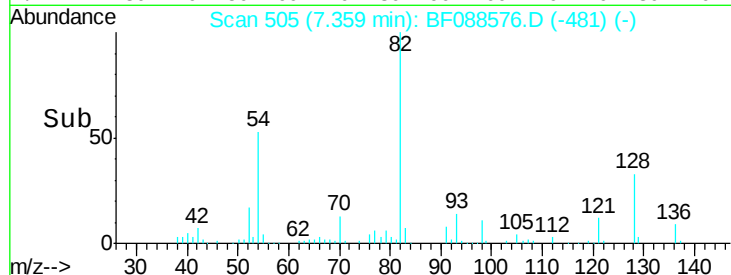
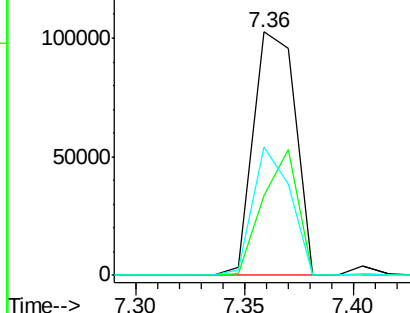
Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	33.0	35.9	53.9#
54	52.7	40.9	61.3

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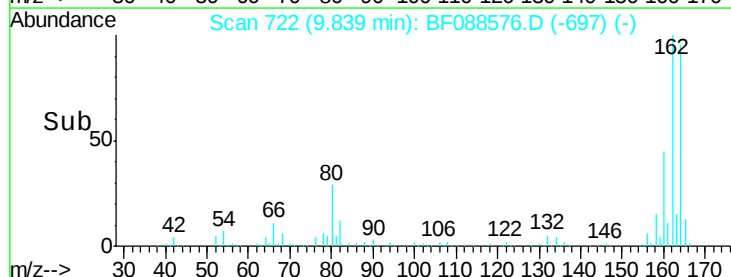
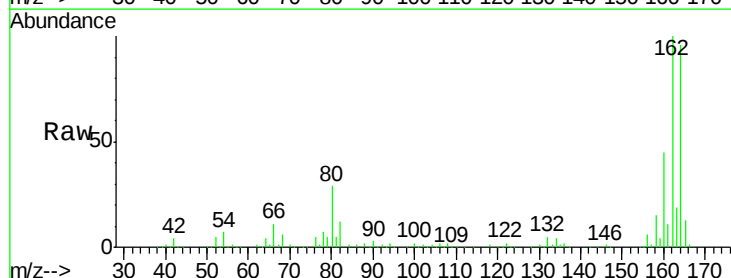
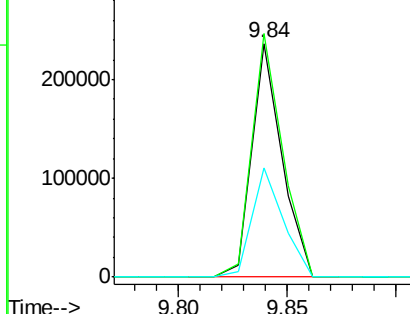
Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

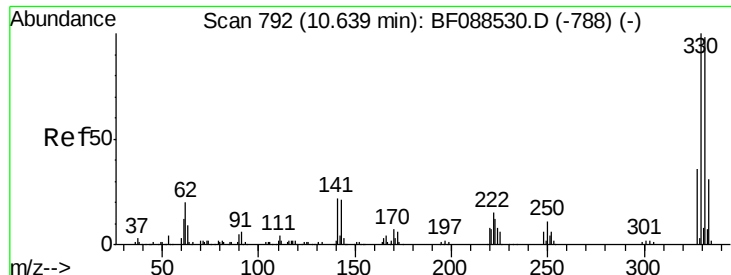


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF088576.D
Acq: 1 Jul 2016 15:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	104.3	85.4	128.2
160	47.0	39.5	59.3

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





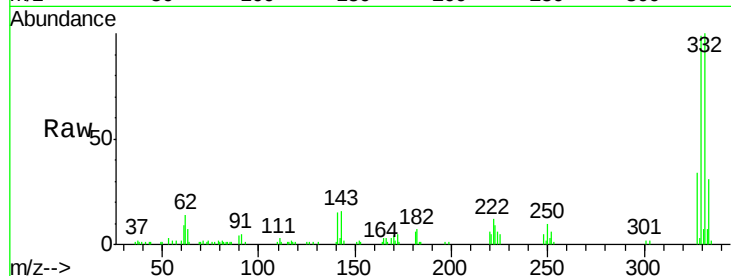
#41
 2,4,6-Tribromophenol
 Concen: 18.84 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF088576.D
 Acq: 1 Jul 2016 15:49

Instrument :
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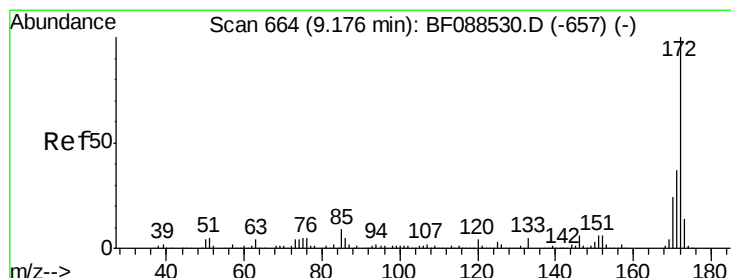
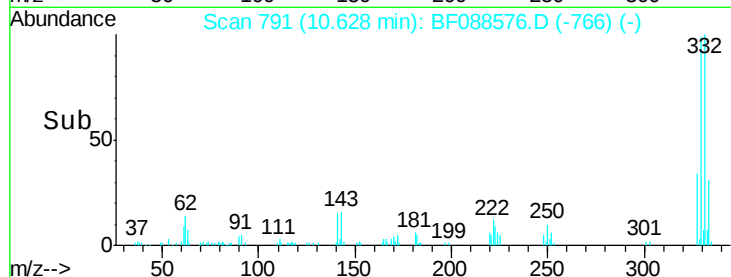
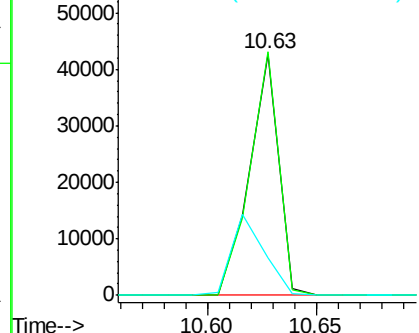
Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	99.6	0.0	0.0#
141	37.5	0.0	0.0#

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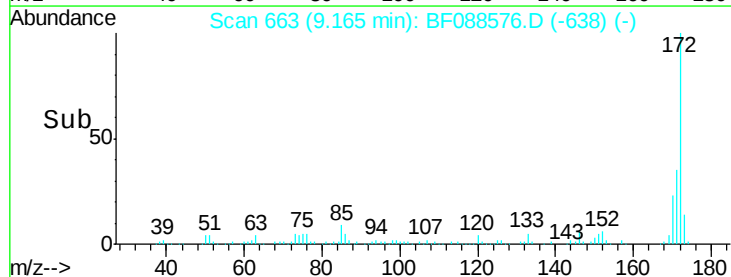
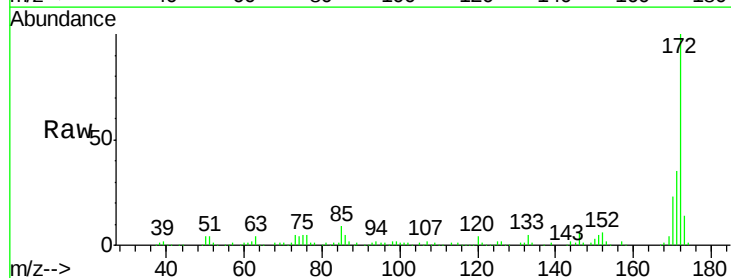
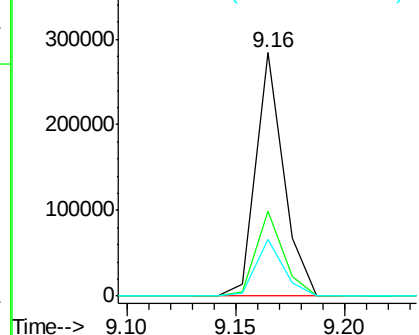
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

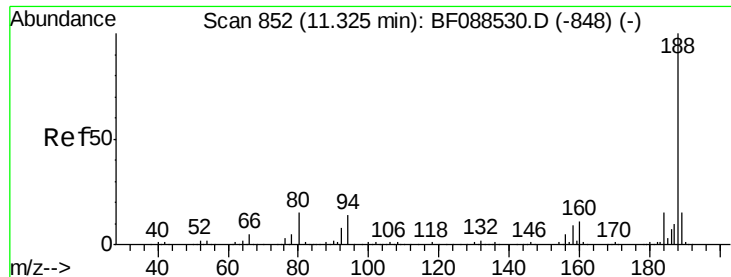


#44
 2-Fluorobiphenyl
 Concen: 17.46 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF088576.D
 Acq: 1 Jul 2016 15:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	35.0	28.6	43.0
170	23.4	19.2	28.8

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





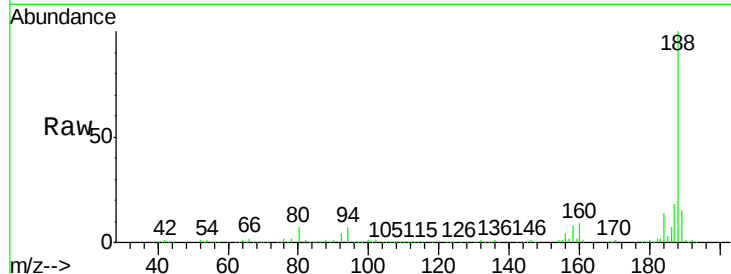
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF088576.D
Acq: 1 Jul 2016 15:49

Instrument :
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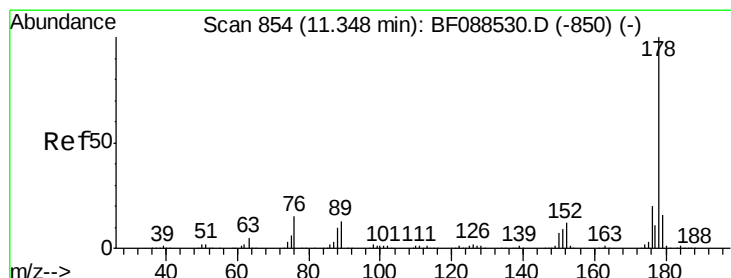
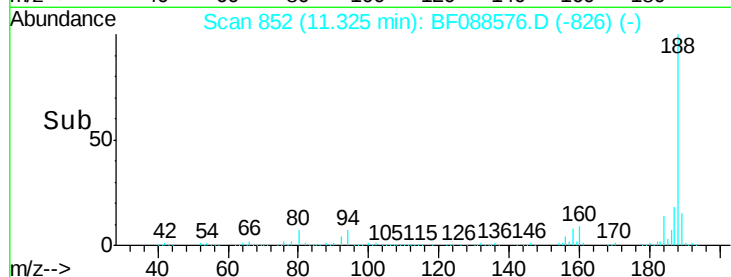
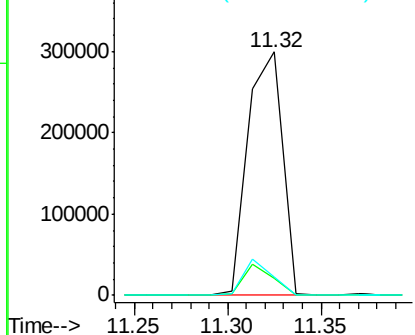
Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.0	9.0	13.6#
80	7.4	10.0	15.0#

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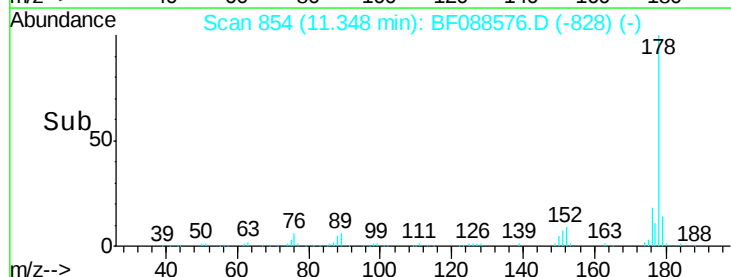
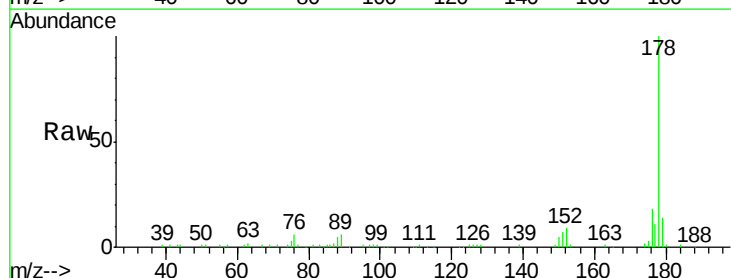
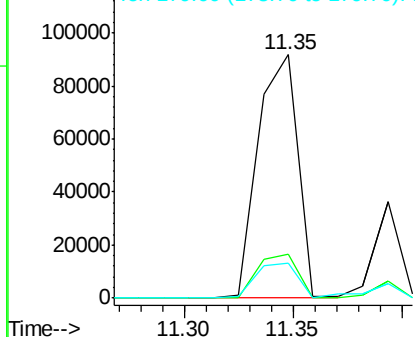
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

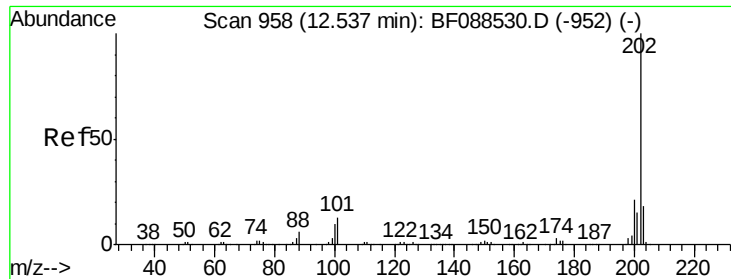


#70
Phenanthrene
Concen: 5.58 ng
RT: 11.35 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF088576.D
Acq: 1 Jul 2016 15:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.1	15.8	23.6
179	14.4	13.0	19.4

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: 11.65 ng

RT: 12.52 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF088576.D

Acq: 1 Jul 2016 15:49

Instrument :

BNA_F

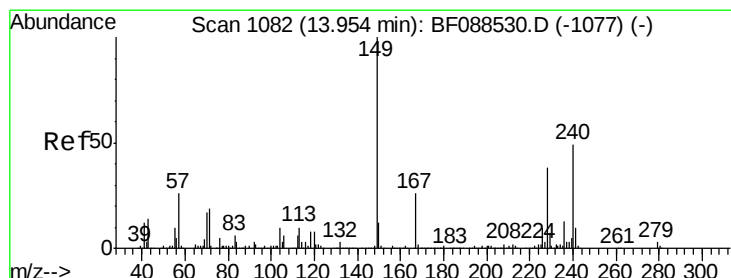
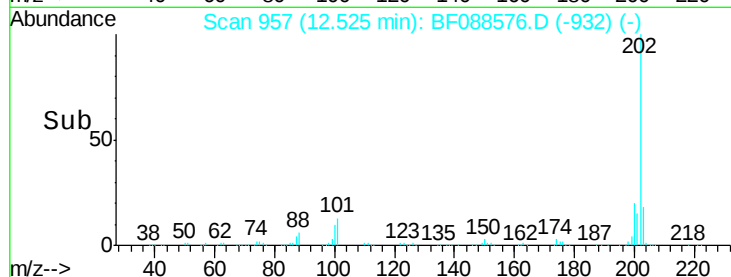
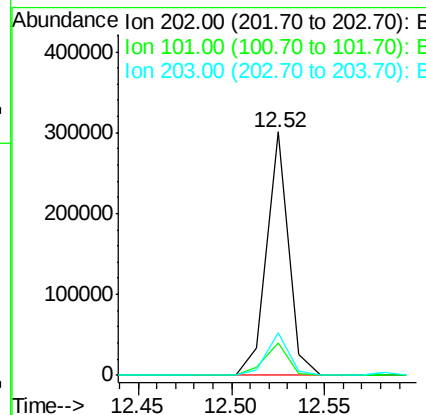
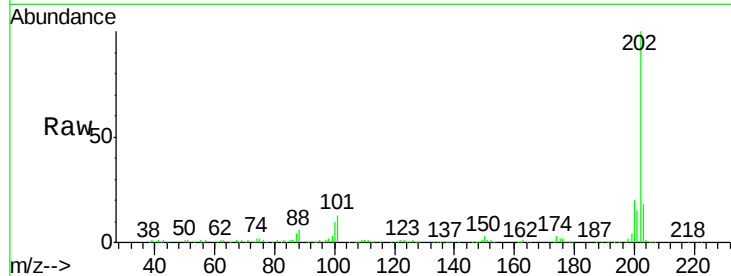
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Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		248564		
101	13.2	0.0	33.1		
203	17.6	0.0	38.1		

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#75

Chrysene-d12

Concen: 20.00 ng

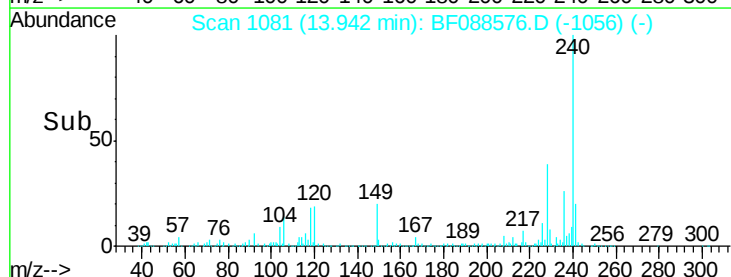
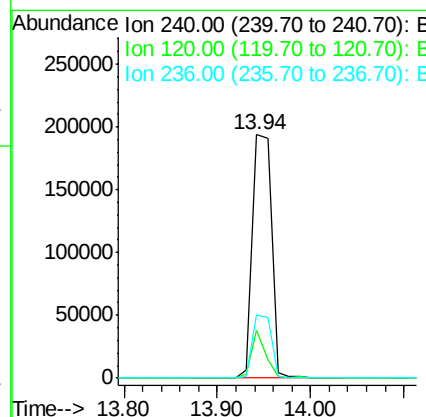
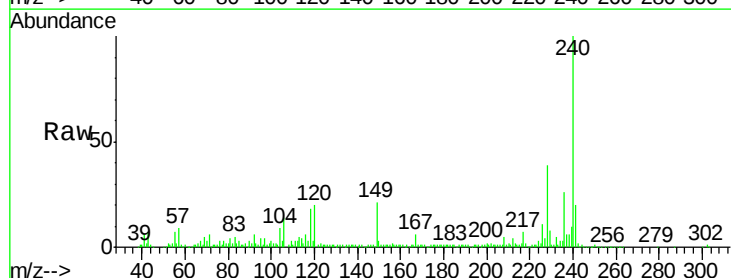
RT: 13.94 min Scan# 1081

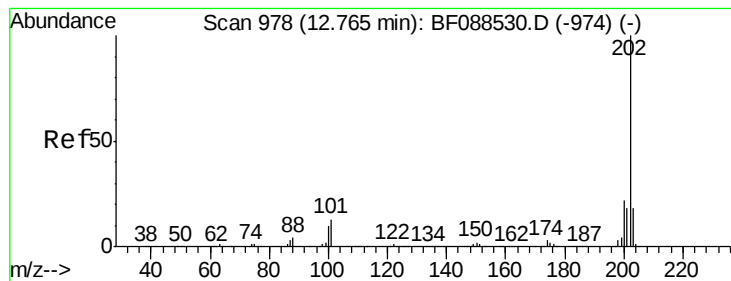
Delta R.T. -0.01 min

Lab File: BF088576.D

Acq: 1 Jul 2016 15:49

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		275545		
120	19.6	6.8	10.2#		
236	25.9	20.2	30.2		





#77

Pyrene

Concen: 9.10 ng

RT: 12.75 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF088576.D

Acq: 1 Jul 2016 15:49

Instrument :

BNA_F

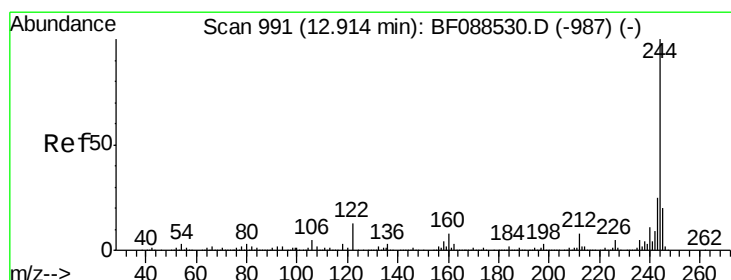
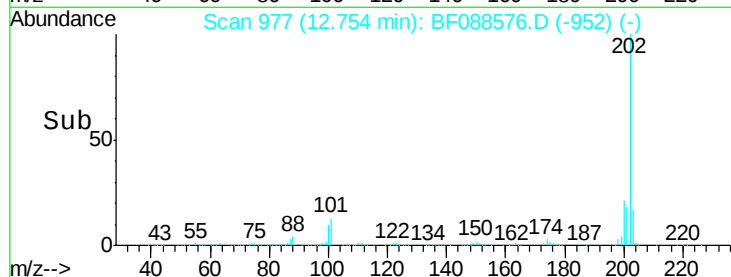
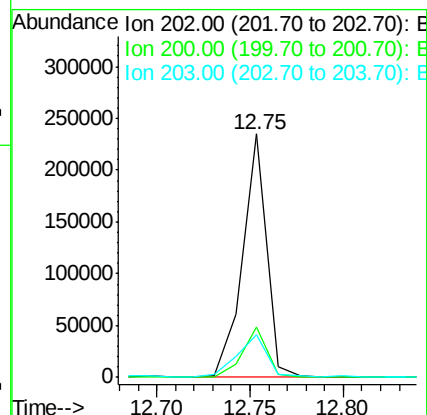
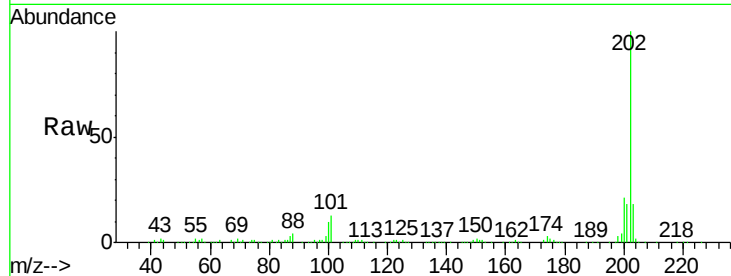
ClientSampleId :

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Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		212565		
200	20.9	17.4	26.2		
203	17.6	14.5	21.7		

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#78

Terphenyl-d14

Concen: 13.45 ng

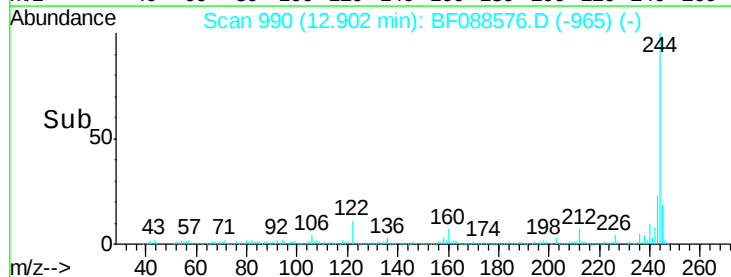
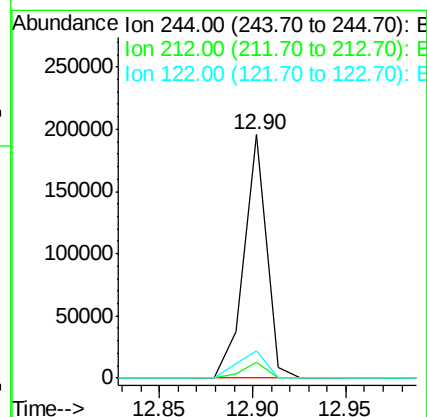
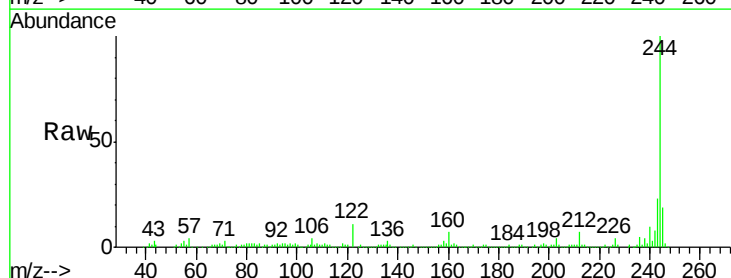
RT: 12.90 min Scan# 990

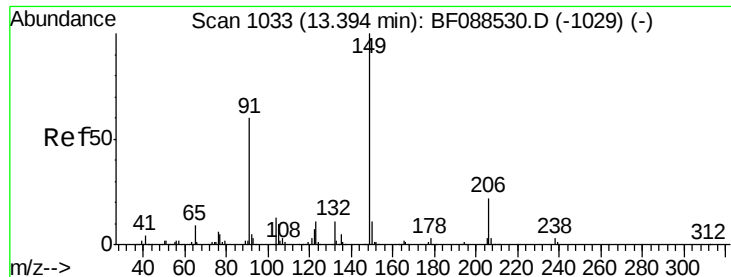
Delta R.T. -0.01 min

Lab File: BF088576.D

Acq: 1 Jul 2016 15:49

Tgt	Ion	Ratio	Resp	Lower	Upper
244	100		166340		
212	6.7	6.0	9.0		
122	11.1	11.2	16.8		





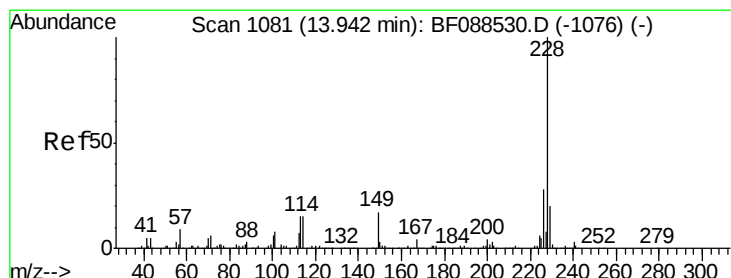
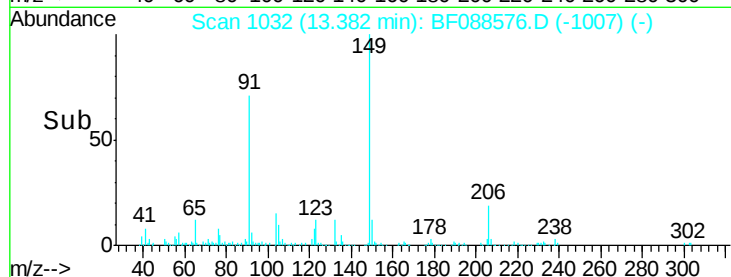
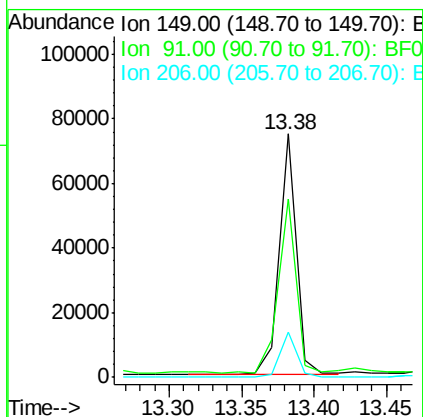
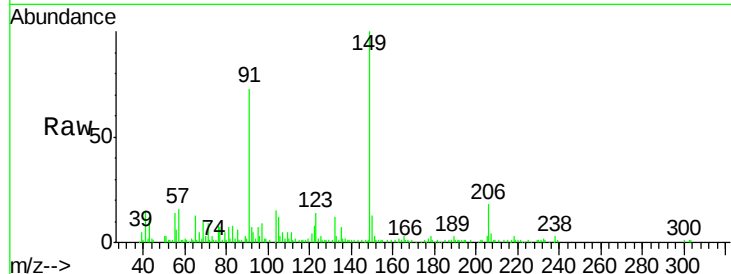
#79
Butylbenzylphthalate
Concen: 5.82 ng
RT: 13.38 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF088576.D
Acq: 1 Jul 2016 15:49

Instrument :
BNA_F
ClientSampleId :
SB-07-COMP

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.0	48.0	72.0#
206	18.4	16.0	24.0

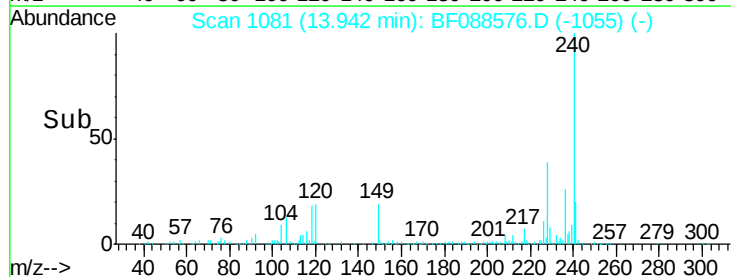
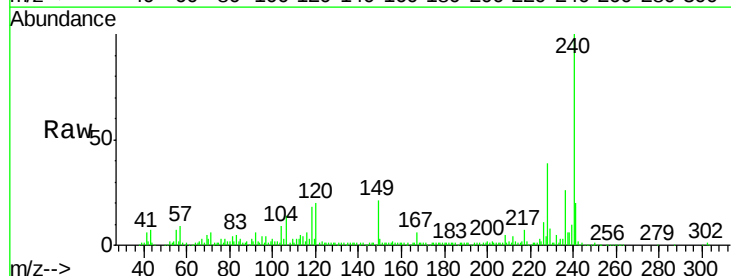
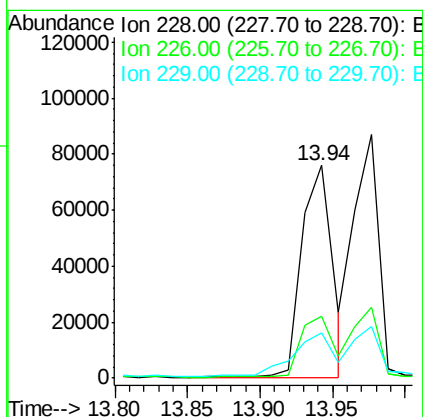
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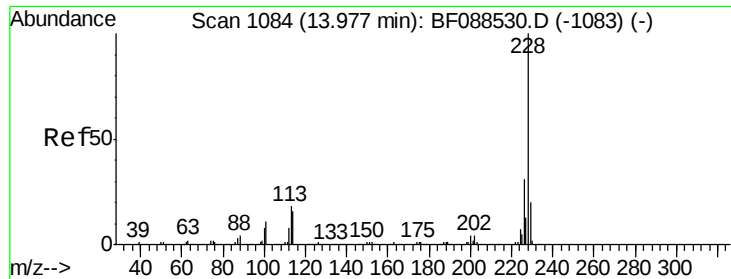
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#80
Benzo(a)anthracene
Concen: 6.25 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.00 min
Lab File: BF088576.D
Acq: 1 Jul 2016 15:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.3	33.5
229	21.1	16.0	24.0





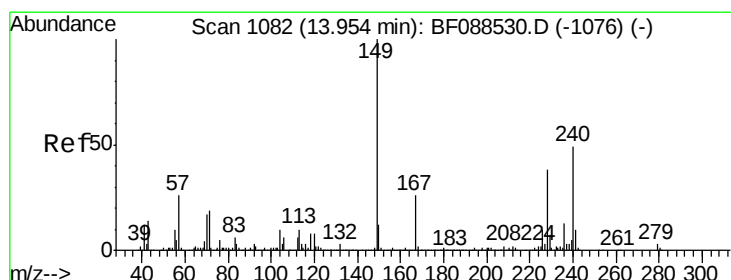
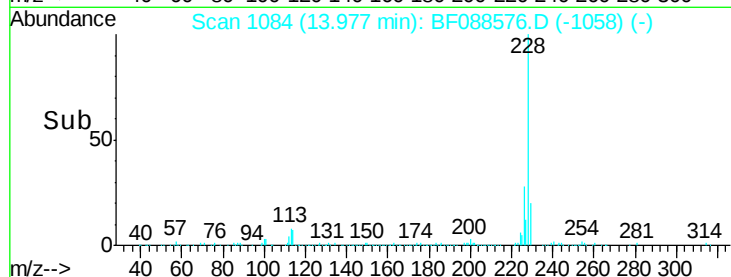
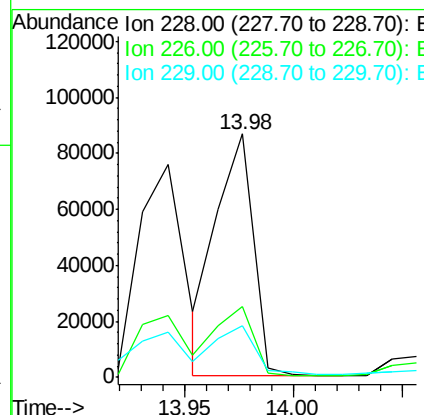
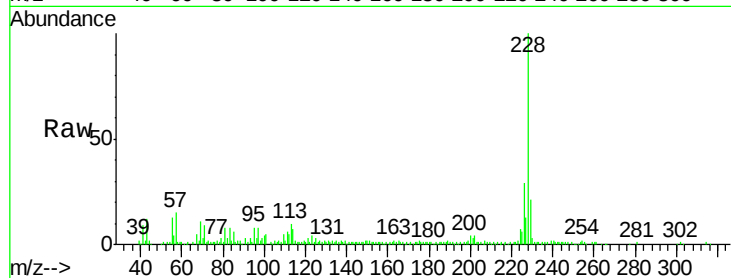
#82
Chrysene
Concen: 5.87 ng
RT: 13.98 min Scan# 1084
Delta R.T. -0.00 min
Lab File: BF088576.D
Acq: 1 Jul 2016 15:49

Instrument :
BNA_F
ClientSampleId :
SB-07-COMP

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	25.4	38.2
229	21.0	16.3	24.5

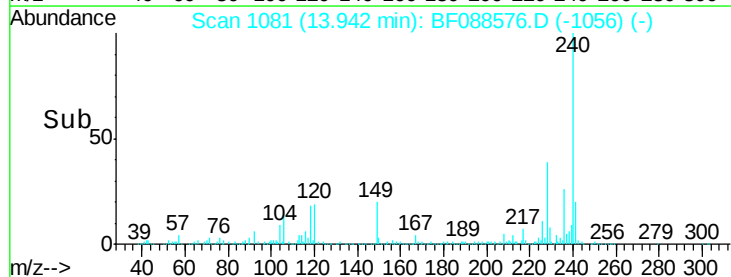
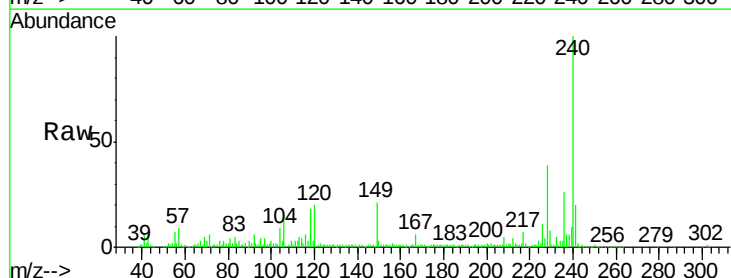
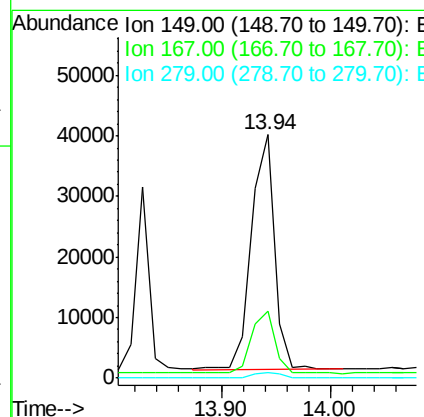
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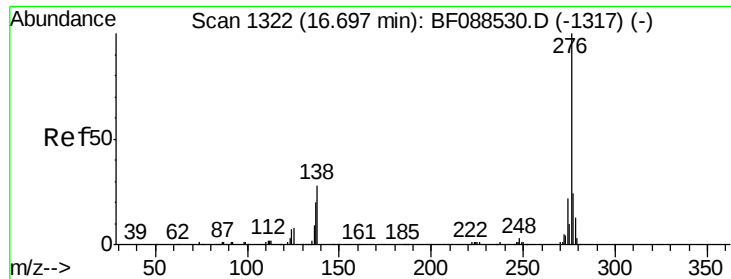
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#83
Bis(2-ethylhexyl)phthalate
Concen: 4.83 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BF088576.D
Acq: 1 Jul 2016 15:49

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	20.5	30.7
279	2.1	2.0	3.0





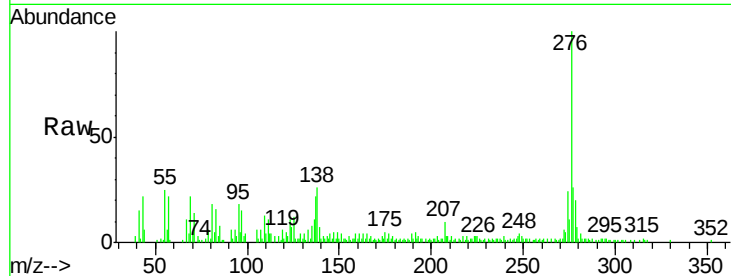
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.01 ng
 RT: 16.70 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BF088576.D
 Acq: 1 Jul 2016 15:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-COMP

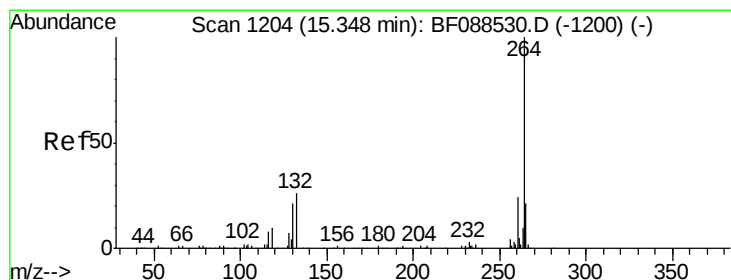
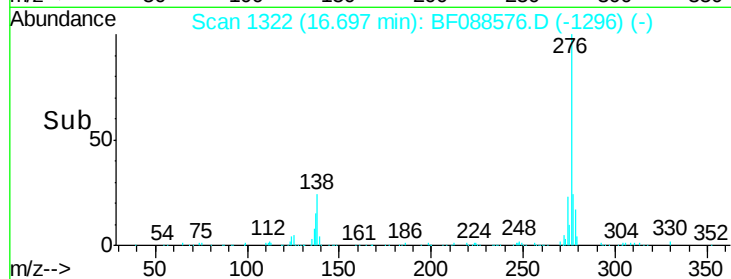
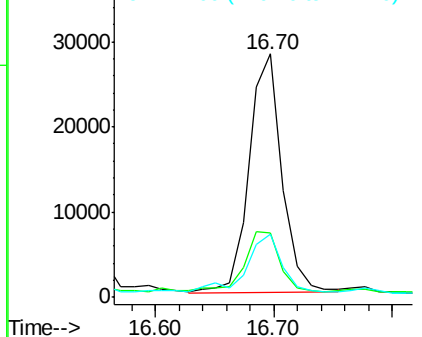
Tgt Ion	Ratio	Resp	Lower	Upper
276	100	54134		
138	27.5	0.0	0.0	0.0
277	28.1	0.0	0.0	0.0

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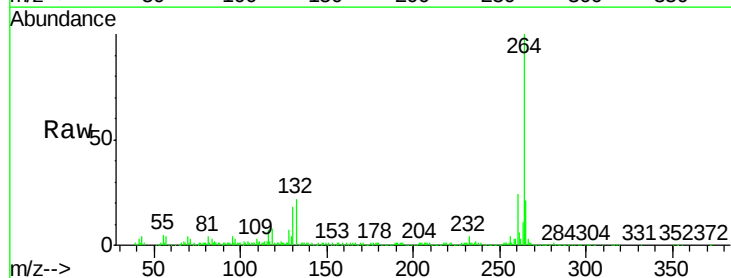


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

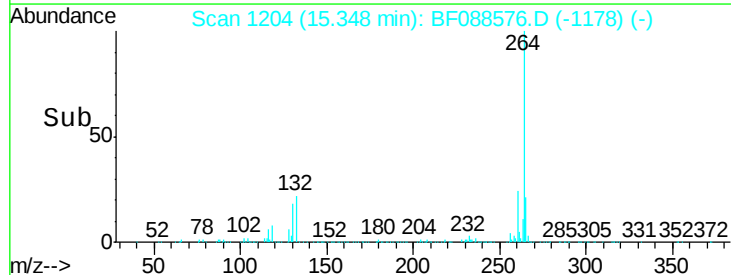
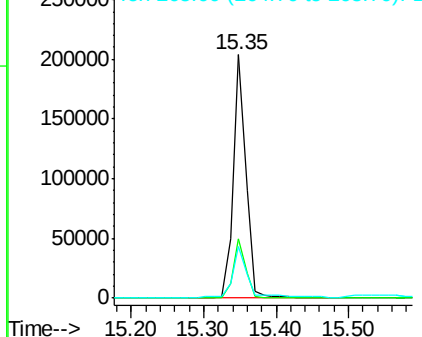


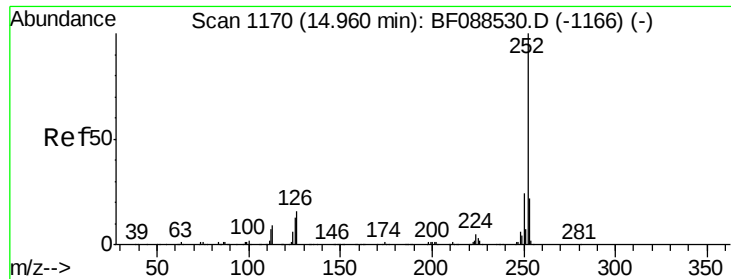
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF088576.D
 Acq: 1 Jul 2016 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	245318		
260	24.2	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: 9.93 ng m

RT: 14.95 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF088576.D

Acq: 1 Jul 2016 15:49

Instrument :

BNA_F

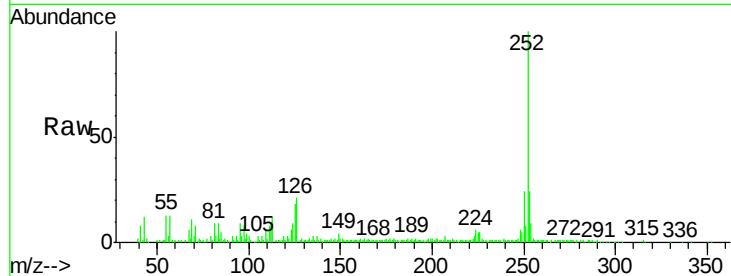
ClientSampleId :

SB-07-COMP

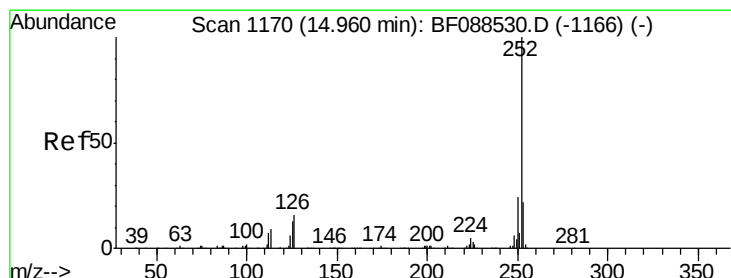
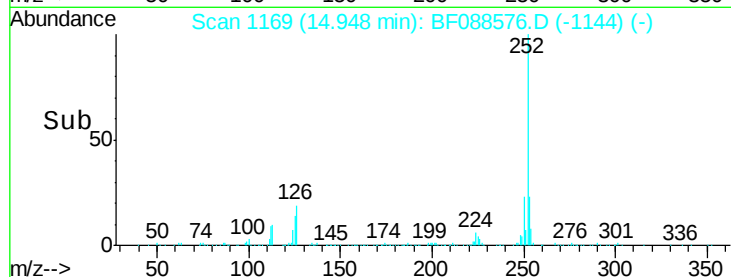
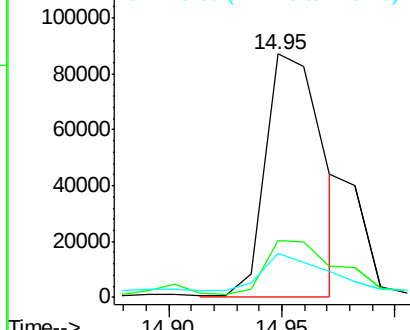
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	152793		
253	23.5	17.4	26.2	
125	18.0	7.1	10.7	

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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



#88

Benzo(k)fluoranthene

Concen: 2.34 ng m

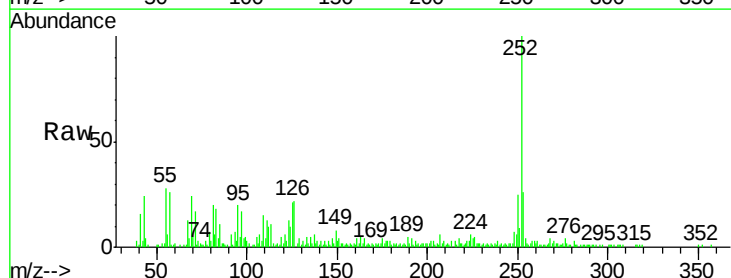
RT: 14.97 min Scan# 1171

Delta R.T. -0.01 min

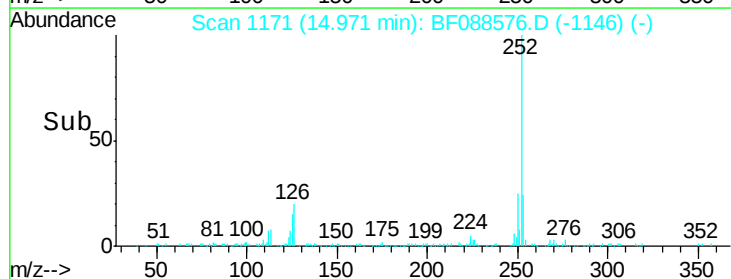
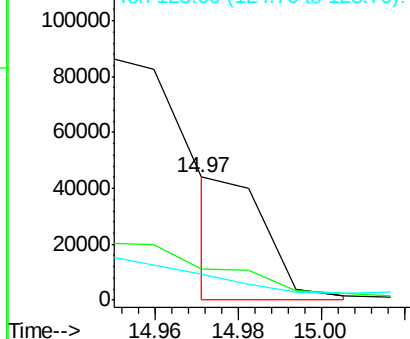
Lab File: BF088576.D

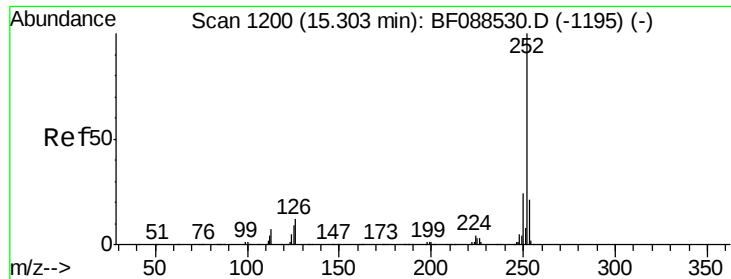
Acq: 1 Jul 2016 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	31374		
253	25.6	18.0	27.0	
125	20.7	11.2	16.8	



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





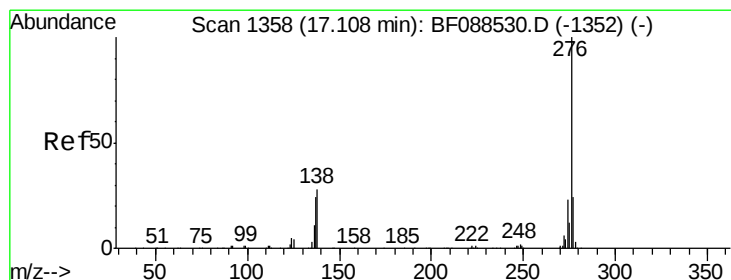
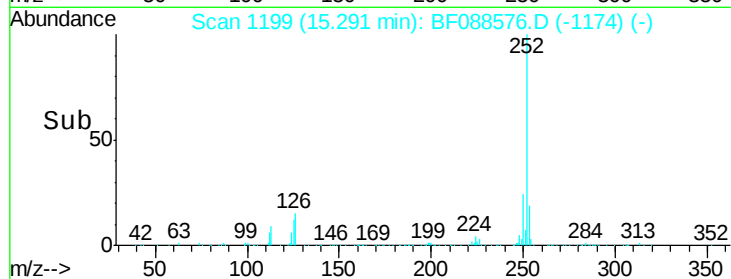
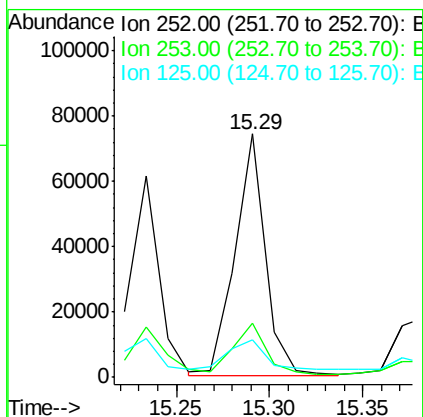
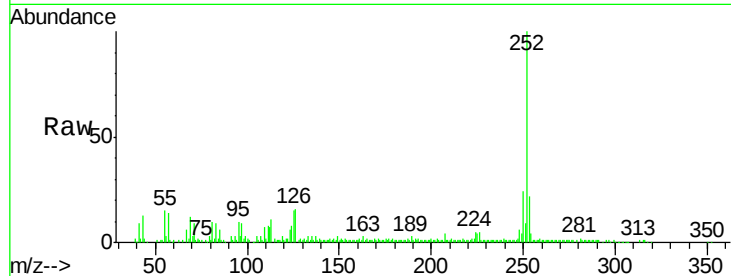
#89
Benzo(a)pyrene
Concen: 6.44 ng
RT: 15.29 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF088576.D
Acq: 1 Jul 2016 15:49

Instrument :
BNA_F
ClientSampleId :
SB-07-COMP

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	15.3	12.5	18.7

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#91
Benzo(g,h,i)perylene
Concen: 4.67 ng
RT: 17.10 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF088576.D
Acq: 1 Jul 2016 15:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.9	28.3
138	25.6	21.4	32.2

