

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
 Data File : BF088571.D
 Acq On : 1 Jul 2016 13:23
 Operator : UM/SJ
 Sample : H3808-02 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Manual Integrations
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Quant Time: Jul 01 14:40:24 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	143942	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	567425	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	244251	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	458614	20.00	ng	0.00
75) Chrysene-d12	13.94	240	278658	20.00	ng	-0.01
86) Perylene-d12	15.35	264	290665	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	88567	9.22	ng	-0.01
7) Phenol-d6	6.42	99	113608	9.15	ng	-0.02
23) Nitrobenzene-d5	7.36	82	64686	5.97	ng	-0.02
41) 2,4,6-Tribromophenol	10.63	330	19806	8.73	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	129127	8.35	ng	-0.01
78) Terphenyl-d14	12.90	244	88111	7.04	ng	-0.01
Target Compounds						Qvalue
70) Phenanthrene	11.35	178	493893	19.70	ng	98
71) Anthracene	11.39	178	108731	4.36	ng	97
74) Fluoranthene	12.53	202	548255	21.57	ng	96
77) Pyrene	12.75	202	534681	22.63	ng	99
79) Butylbenzylphthalate	13.38	149	23912	2.27	ng	96
80) Benzo(a)anthracene	13.93	228	252513	14.07	ng	97
82) Chrysene	13.98	228	199204m	11.22	ng	
85) Indeno(1,2,3-cd)pyrene	16.69	276	96296	7.05	ng	# 100
87) Benzo(b)fluoranthene	14.95	252	226359m	12.41	ng	
88) Benzo(k)fluoranthene	14.96	252	114273m	7.20	ng	
89) Benzo(a)pyrene	15.29	252	185718m	12.03	ng	
91) Benzo(g,h,i)perylene	17.10	276	89099	6.68	ng	96

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

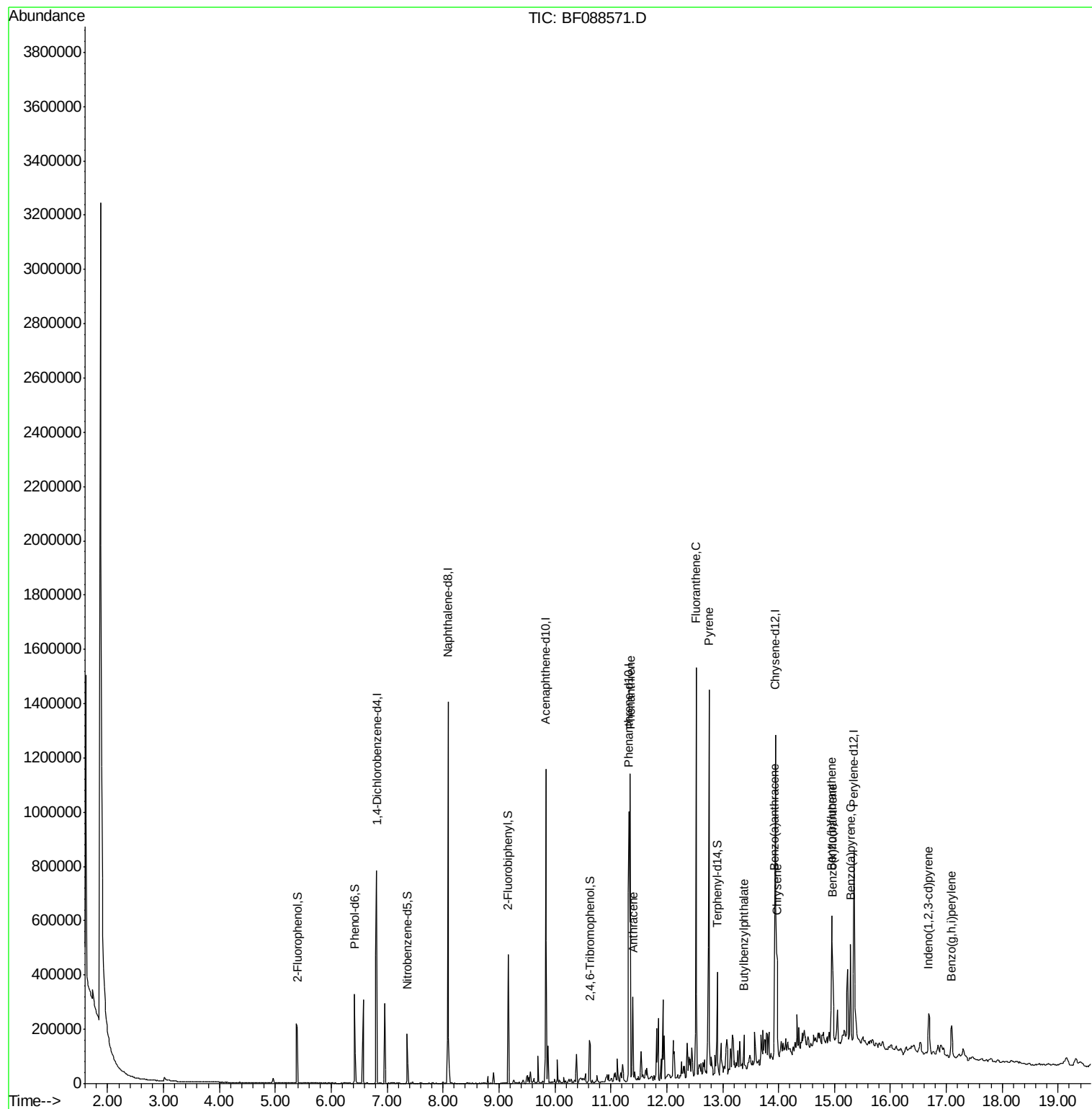
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
Data File : BF088571.D
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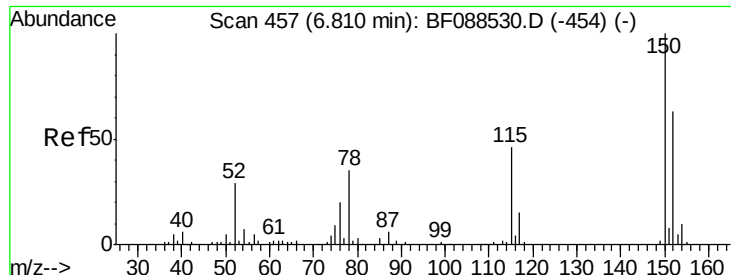
Instrument :
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SB-01-COMP

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#1

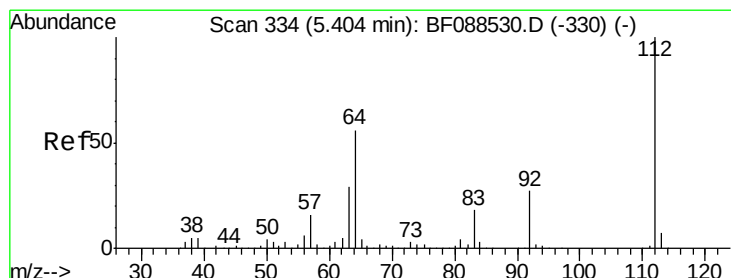
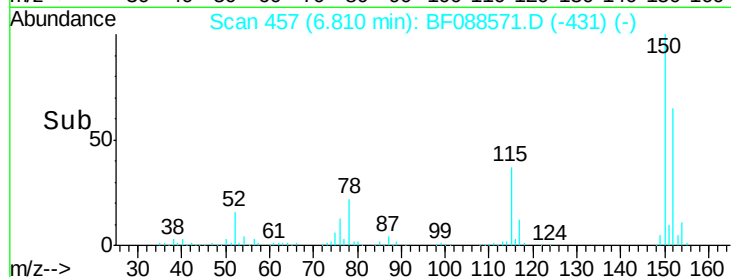
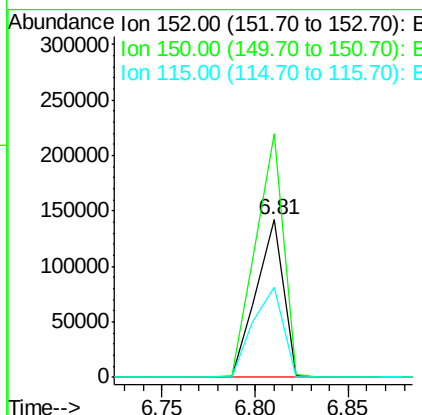
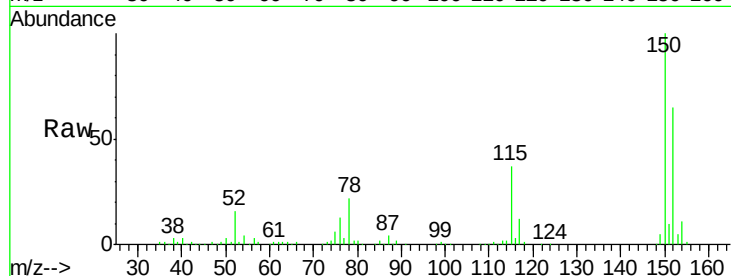
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF088571.D
Acq: 1 Jul 2016 13:23

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.4	123.8	185.6
115	57.0	39.6	59.4

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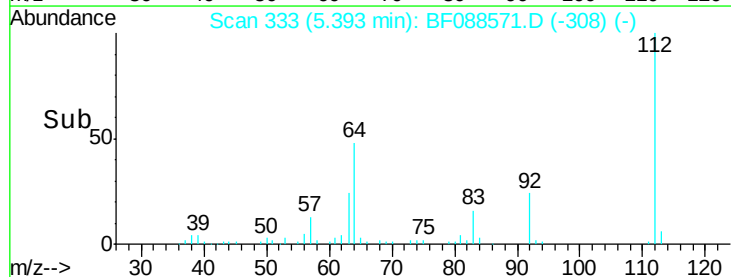
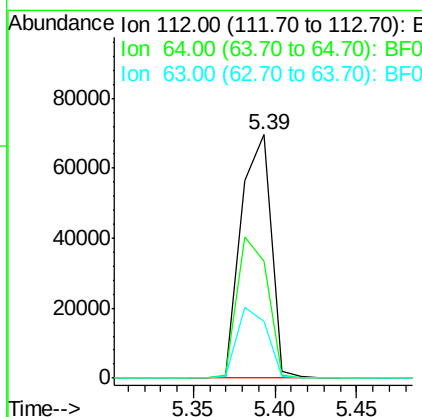
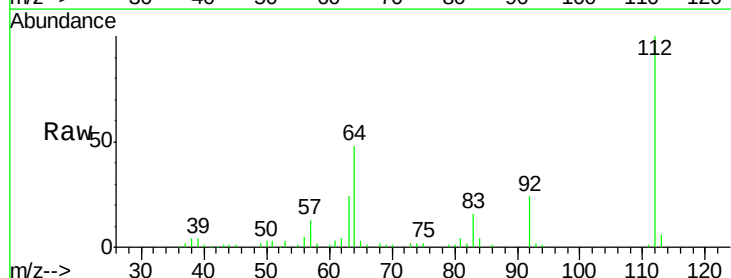
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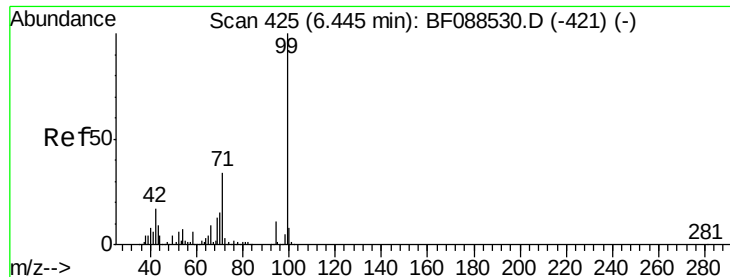


#5

2-Fluorophenol
Concen: 9.22 ng
RT: 5.39 min Scan# 333
Delta R.T. -0.01 min
Lab File: BF088571.D
Acq: 1 Jul 2016 13:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.1	42.2	63.2
63	23.5	21.8	32.8





#7

Phenol-d6

Concen: 9.15 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088571.D

Acq: 1 Jul 2016 13:23

Instrument :

BNA_F

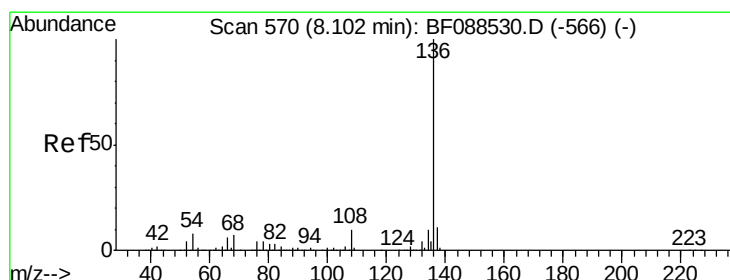
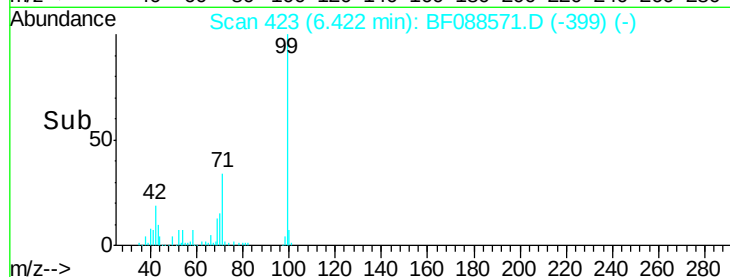
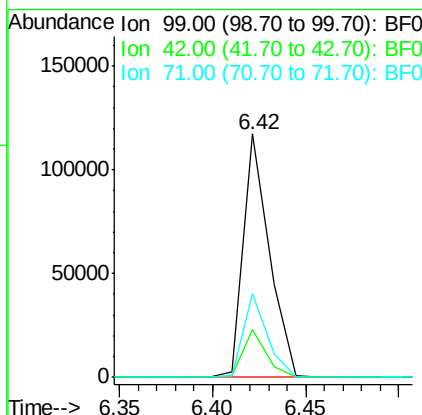
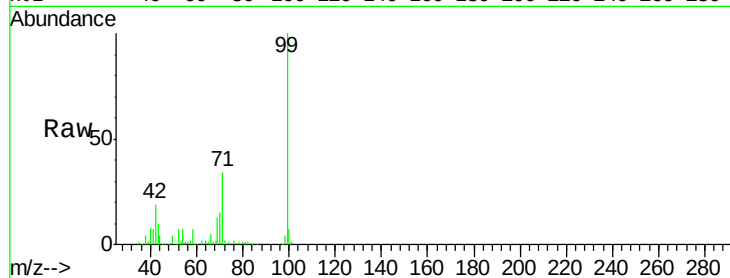
ClientSampleId :

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Tgt Ion:	99	Resp:	113608
Ion Ratio	Lower	Upper	
99	100		
42	19.4	12.2	18.2#
71	34.2	23.4	35.0

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#21

Naphthalene-d8

Concen: 20.00 ng

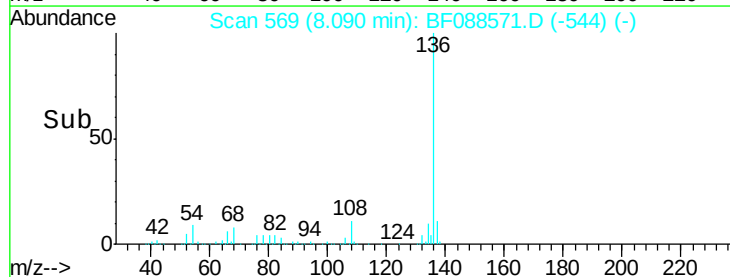
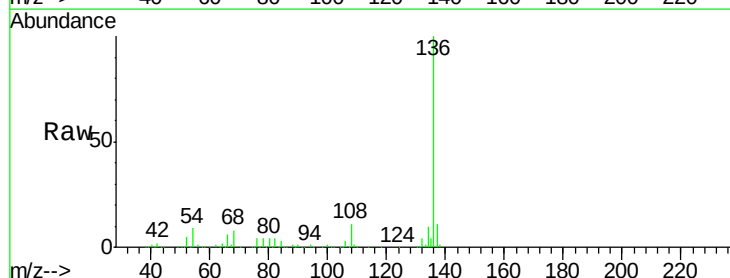
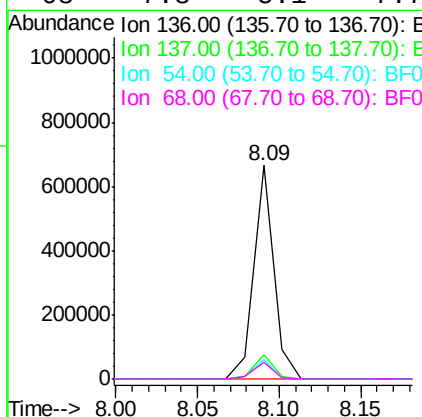
RT: 8.09 min Scan# 569

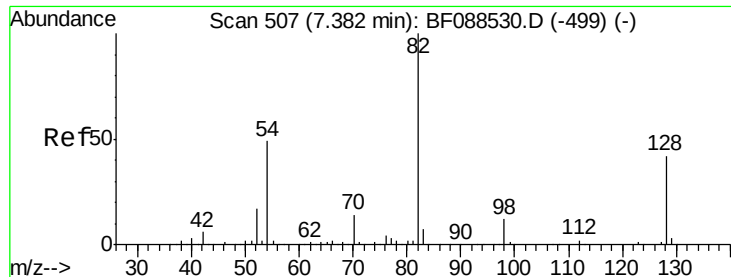
Delta R.T. -0.01 min

Lab File: BF088571.D

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Tgt Ion:	136	Resp:	567425
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.1	13.7
54	9.0	6.6	10.0
68	7.8	5.1	7.7#





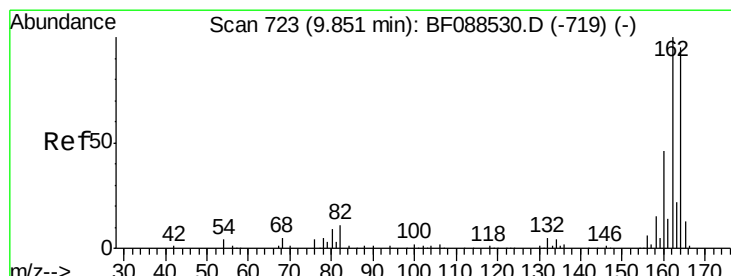
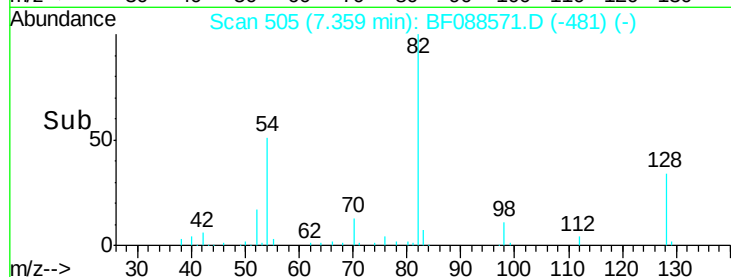
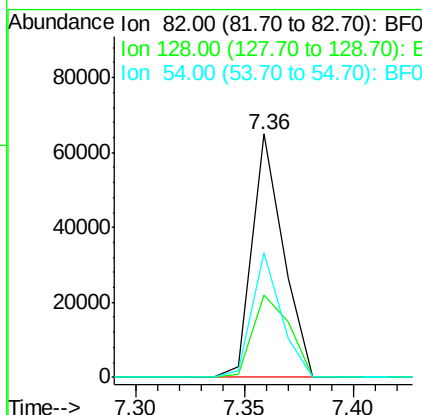
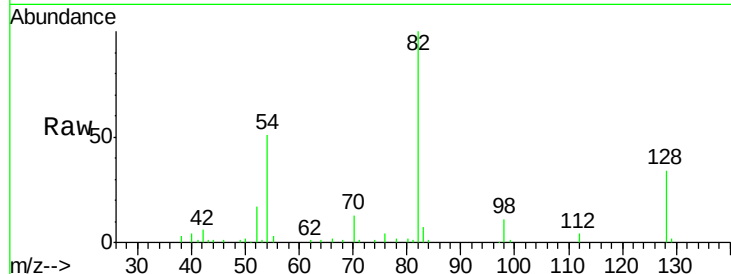
#23
 Nitrobenzene-d5
 Concen: 5.97 ng
 RT: 7.36 min Scan# 505
 Delta R.T. -0.02 min
 Lab File: BF088571.D
 Acq: 1 Jul 2016 13:23

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.7	35.9	53.9#
54	51.1	40.9	61.3

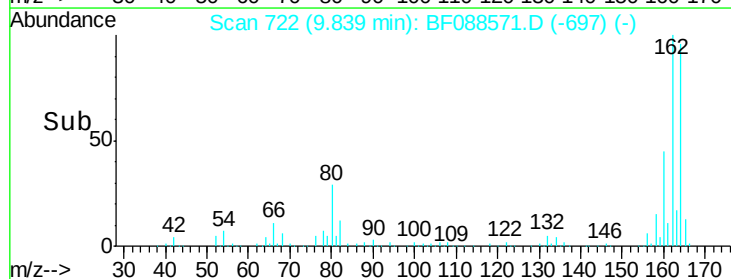
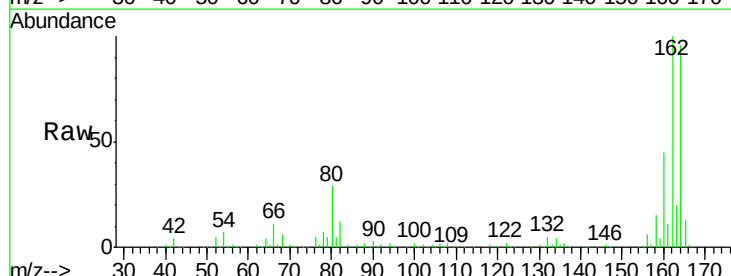
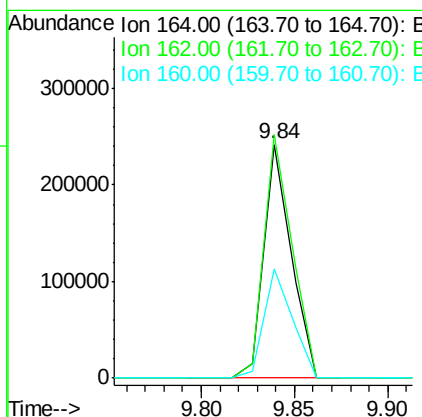
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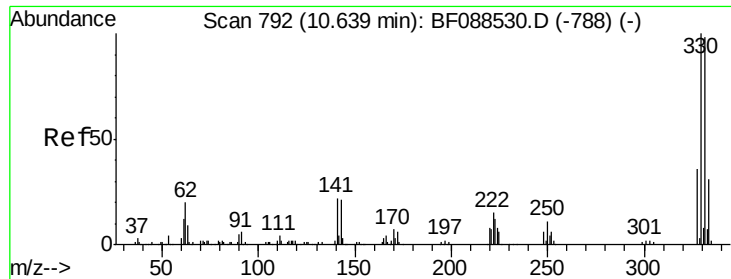
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF088571.D
 Acq: 1 Jul 2016 13:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	85.4	128.2
160	46.8	39.5	59.3





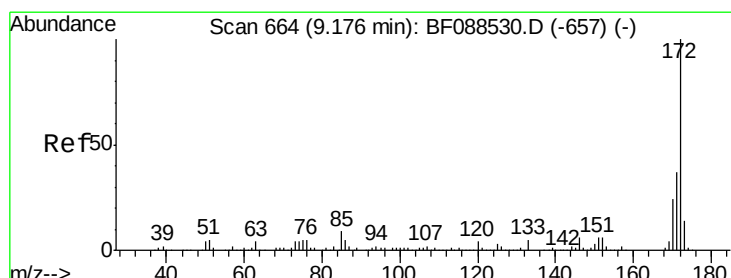
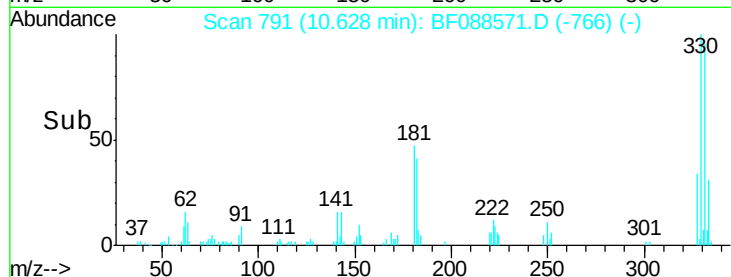
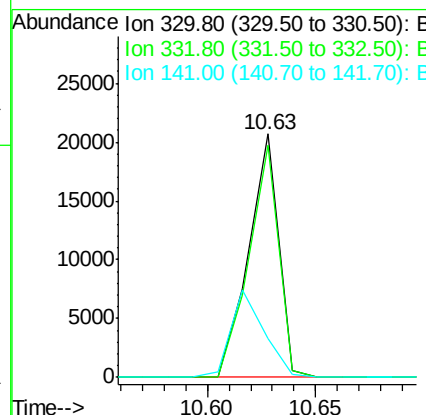
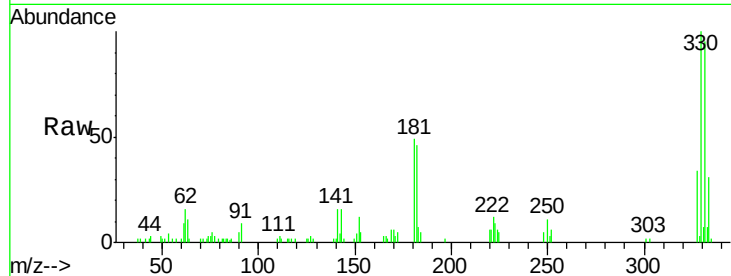
#41
 2,4,6-Tribromophenol
 Concen: 8.73 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF088571.D
 Acq: 1 Jul 2016 13:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	94.5	0.0	0.0#
141	39.6	0.0	0.0#

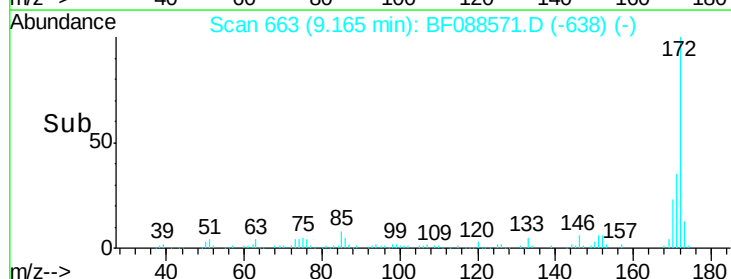
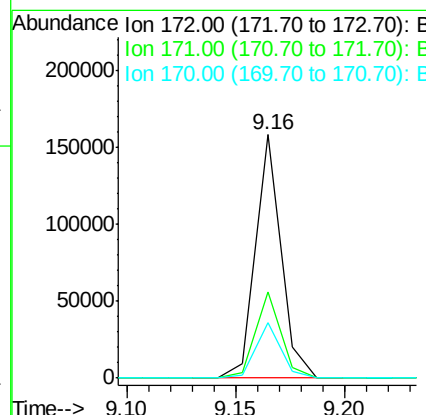
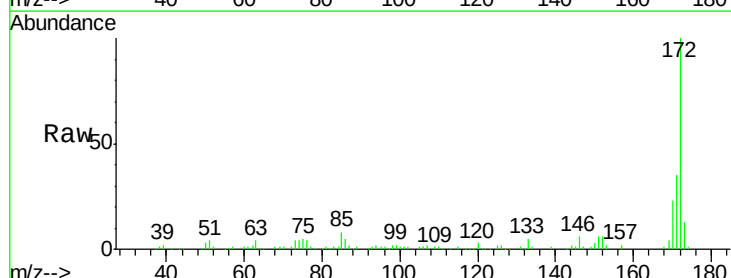
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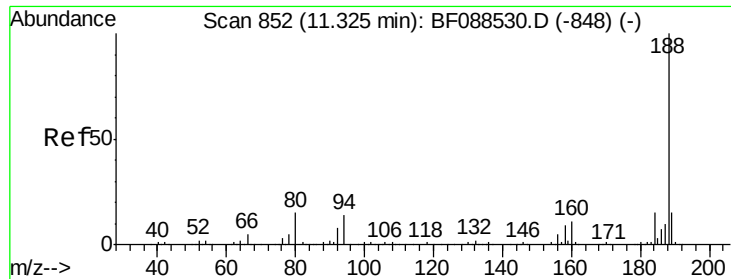
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#44
 2-Fluorobiphenyl
 Concen: 8.35 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF088571.D
 Acq: 1 Jul 2016 13:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	35.3	28.6	43.0
170	22.8	19.2	28.8





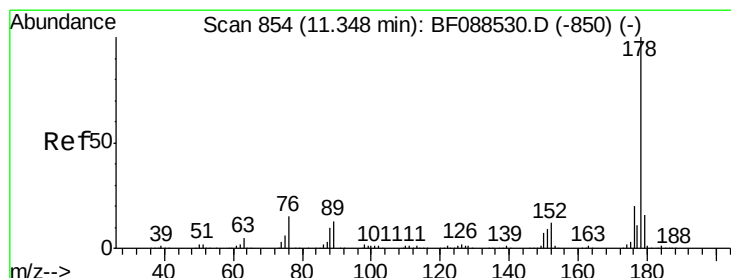
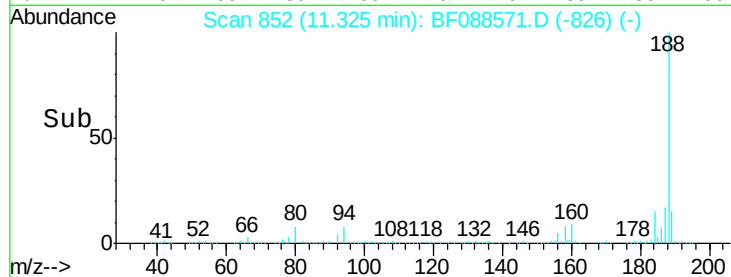
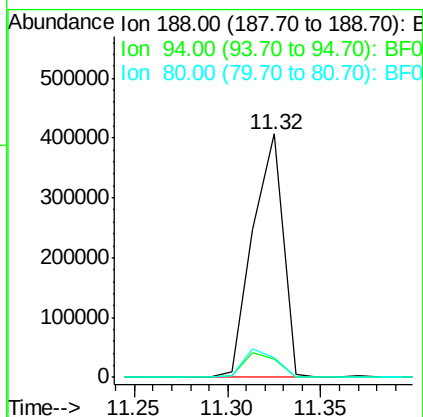
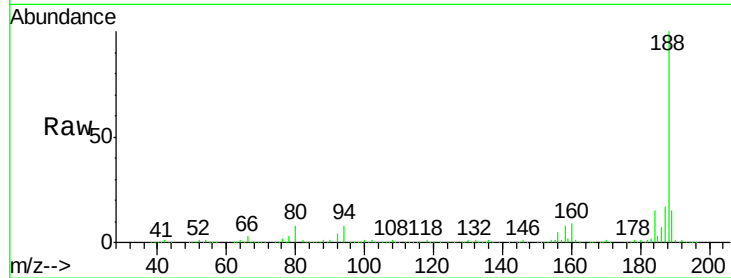
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BF088571.D
 Acq: 1 Jul 2016 13:23

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
188	100	458614		
94	7.7	9.0	13.6#	
80	8.0	10.0	15.0#	

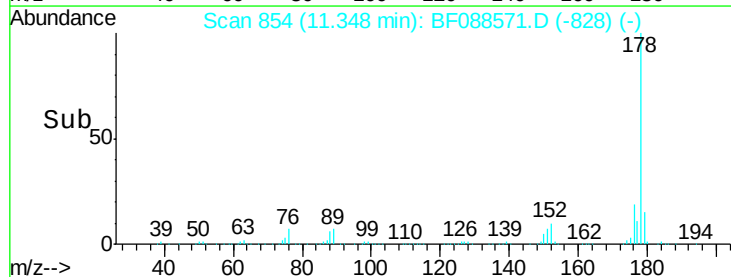
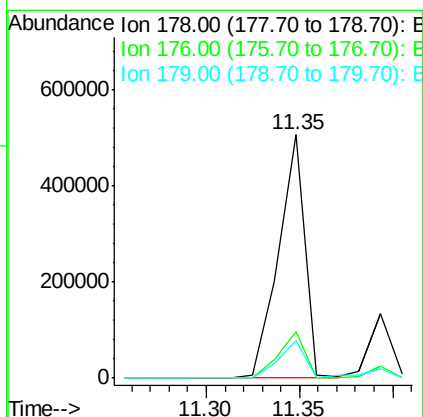
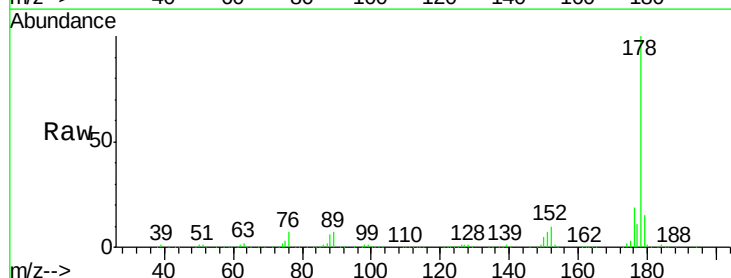
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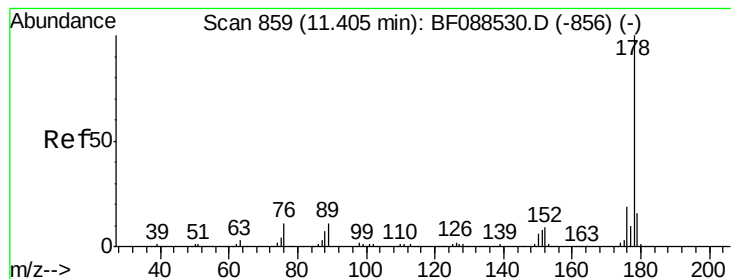
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#70
 Phenanthrene
 Concen: 19.70 ng
 RT: 11.35 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: BF088571.D
 Acq: 1 Jul 2016 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	493893		
176	19.1	15.8	23.6	
179	15.2	13.0	19.4	





#71

Anthracene

Concen: 4.36 ng

RT: 11.39 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF088571.D

Acq: 1 Jul 2016 13:23

Instrument :

BNA_F

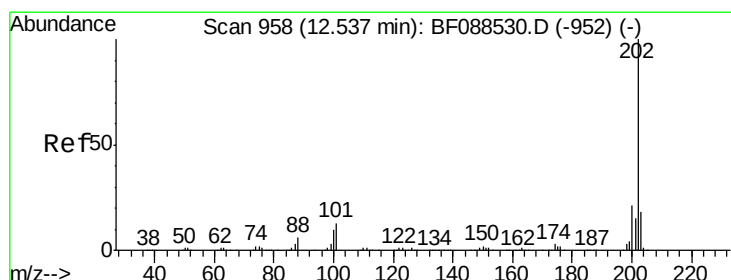
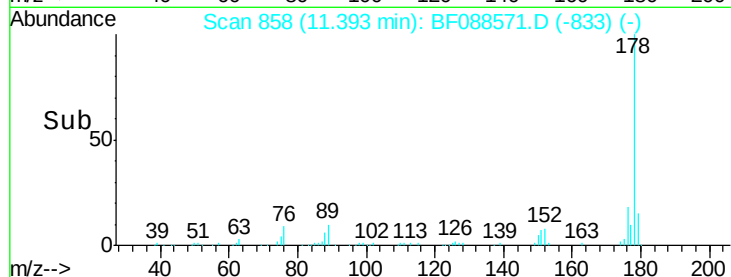
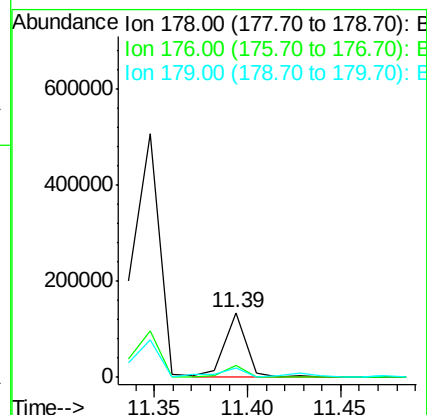
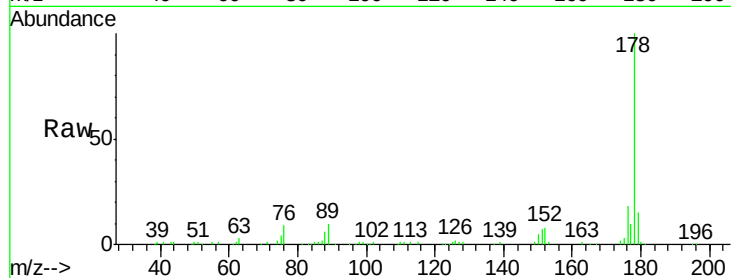
ClientSampleId :

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Tgt Ion:	178	Resp:	108731
Ion Ratio	Lower	Upper	
178	100		
176	18.0	15.6	23.4
179	15.1	12.8	19.2

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#74

Fluoranthene

Concen: 21.57 ng

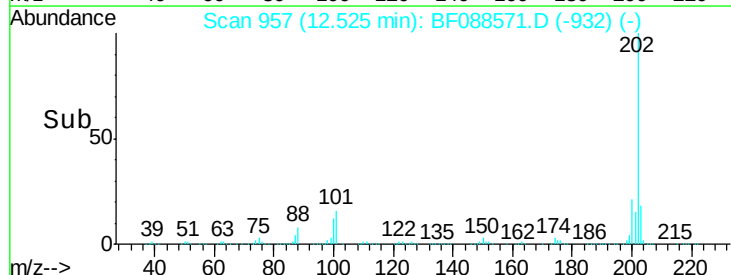
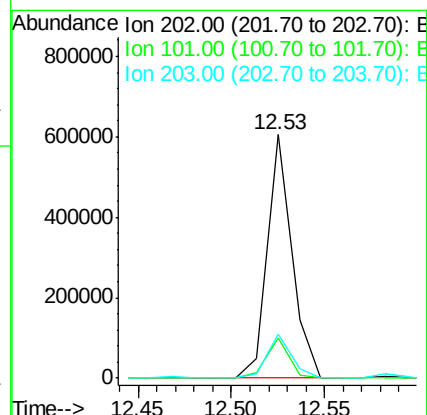
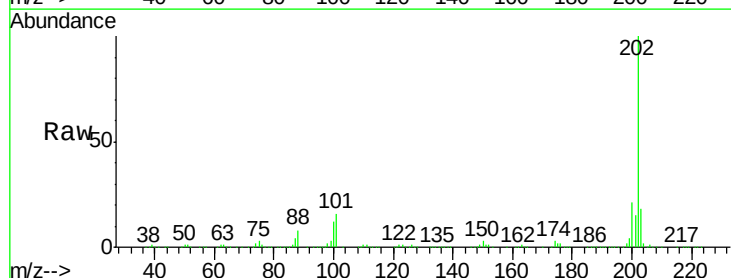
RT: 12.53 min Scan# 957

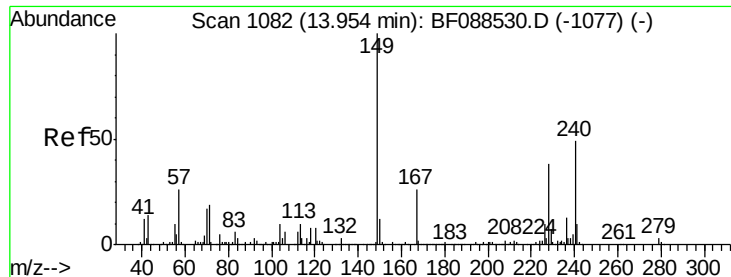
Delta R.T. -0.01 min

Lab File: BF088571.D

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Tgt Ion:	202	Resp:	548255
Ion Ratio	Lower	Upper	
202	100		
101	16.3	0.0	33.1
203	17.9	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: BF088571.D

Acq: 1 Jul 2016 13:23

Instrument :

BNA_F

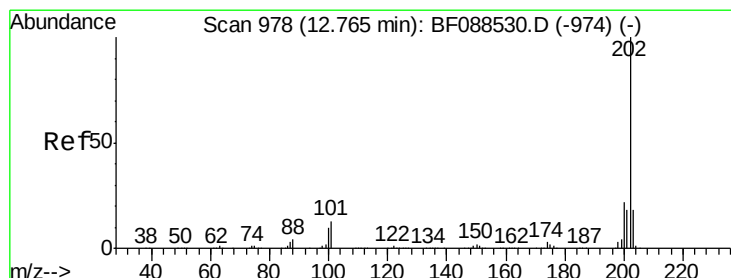
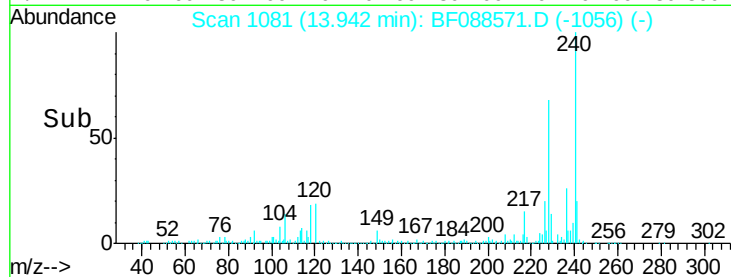
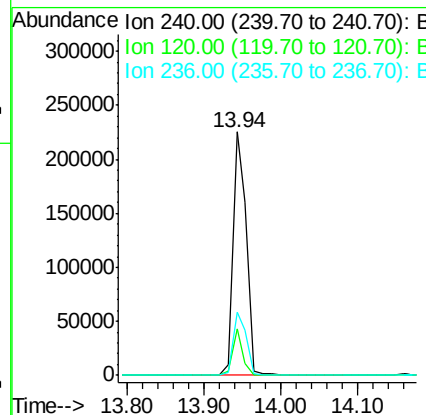
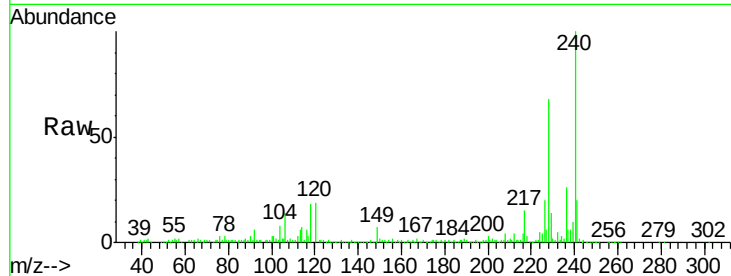
ClientSampleId :

SB-01-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	278658		
120	19.3	6.8	10.2#	
236	25.8	20.2	30.2	

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#77

Pyrene

Concen: 22.63 ng

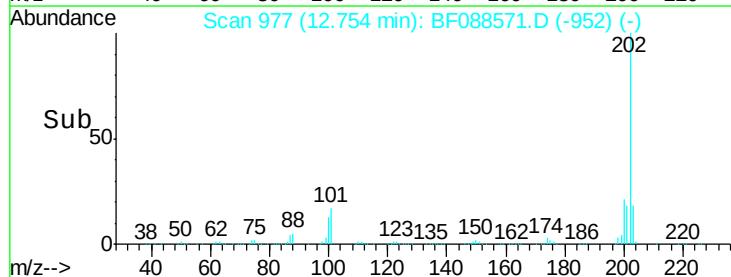
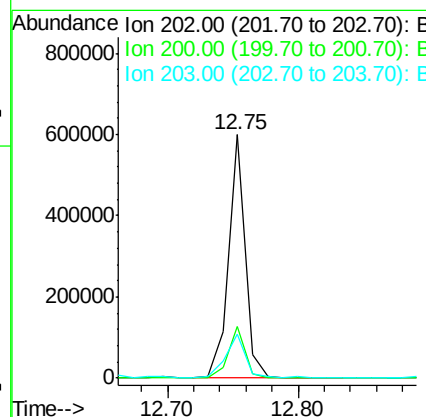
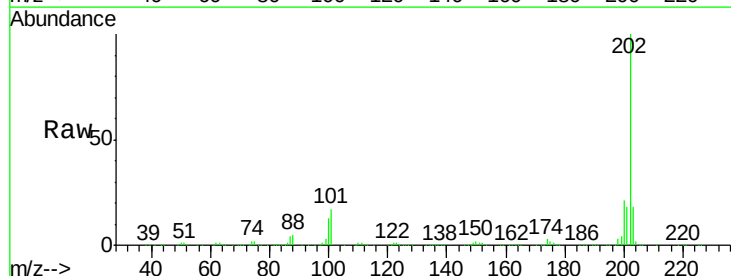
RT: 12.75 min Scan# 977

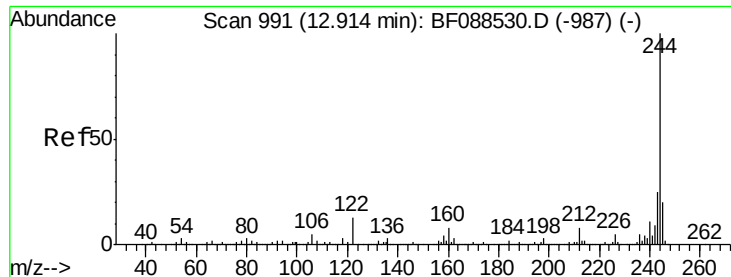
Delta R.T. -0.01 min

Lab File: BF088571.D

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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	534681		
200	21.2	17.4	26.2	
203	18.2	14.5	21.7	





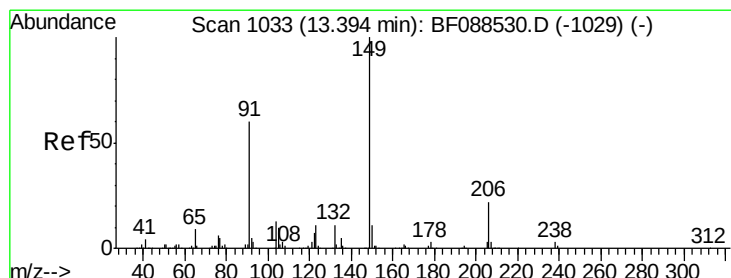
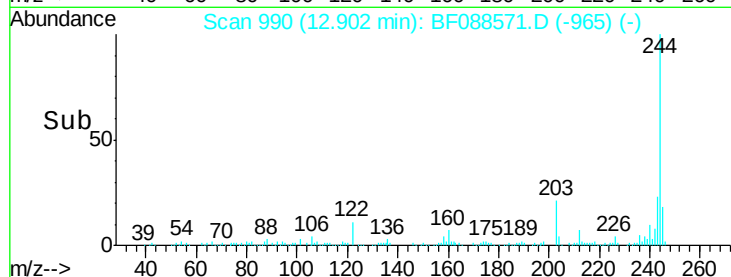
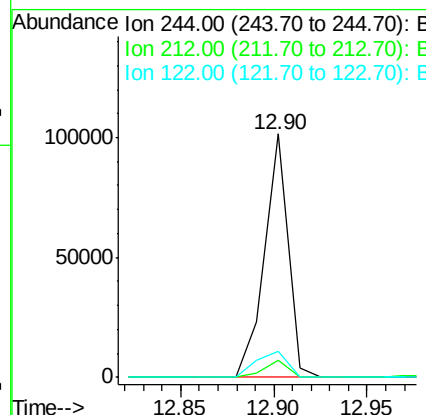
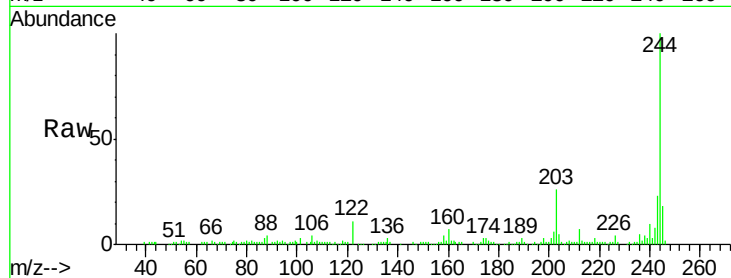
#78
 Terphenyl-d14
 Concen: 7.04 ng
 RT: 12.90 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF088571.D
 Acq: 1 Jul 2016 13:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.1	6.0	9.0
122	10.5	11.2	16.8#

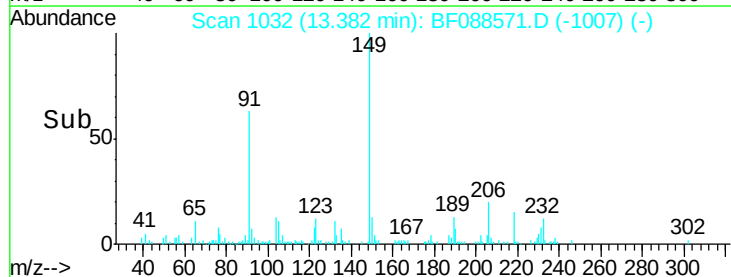
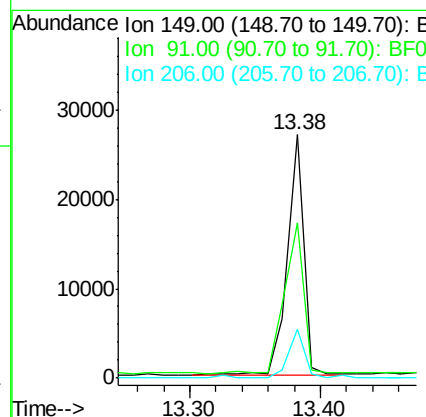
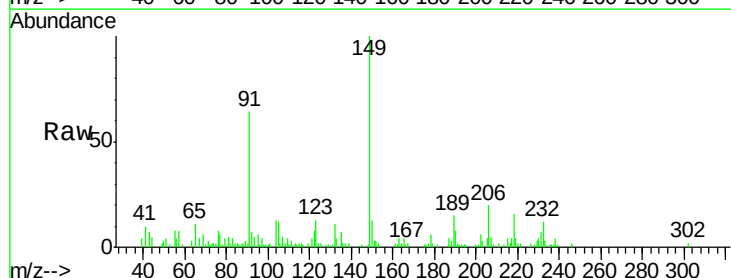
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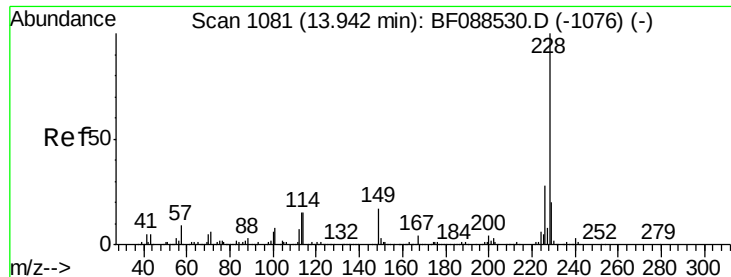
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#79
 Butylbenzylphthalate
 Concen: 2.27 ng
 RT: 13.38 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF088571.D
 Acq: 1 Jul 2016 13:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	63.8	48.0	72.0
206	19.9	16.0	24.0





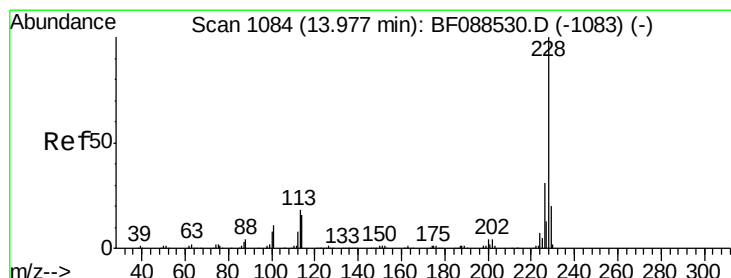
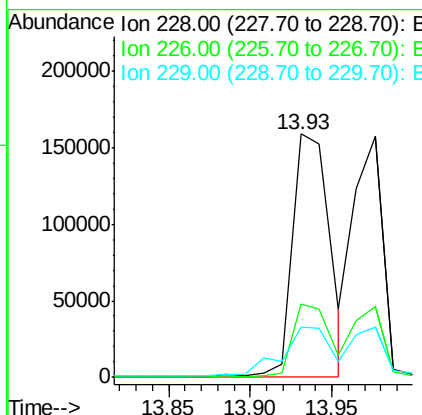
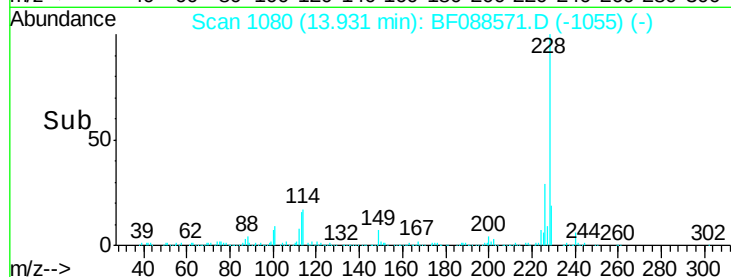
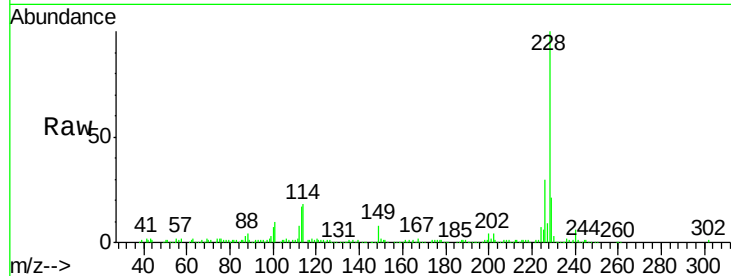
#80
Benzo(a)anthracene
Concen: 14.07 ng
RT: 13.93 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BF088571.D
Acq: 1 Jul 2016 13:23

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.3	33.5
229	20.6	16.0	24.0

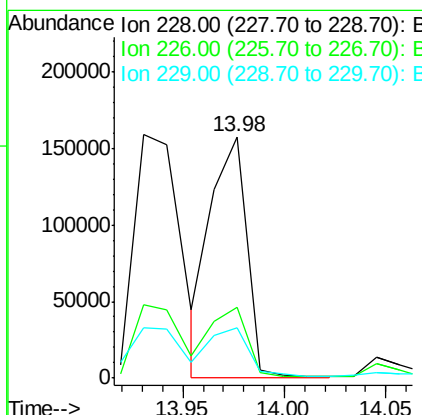
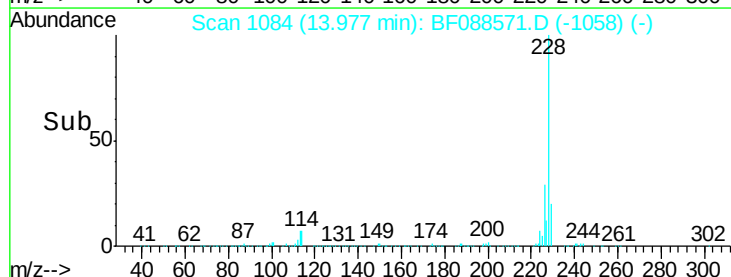
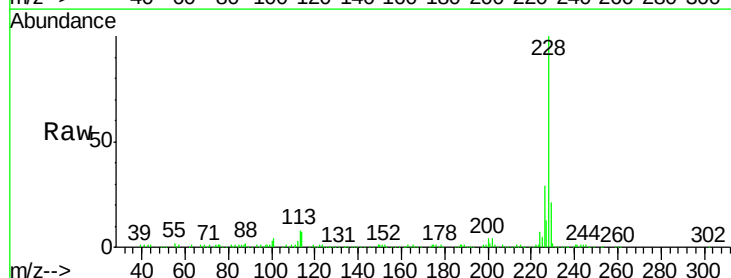
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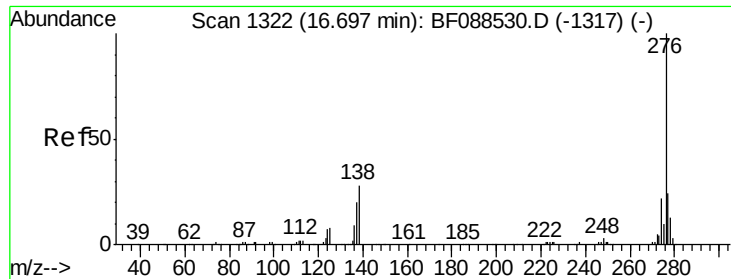
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#82
Chrysene
Concen: 11.22 ng m
RT: 13.98 min Scan# 1084
Delta R.T. -0.00 min
Lab File: BF088571.D
Acq: 1 Jul 2016 13:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	25.4	38.2
229	21.0	16.3	24.5





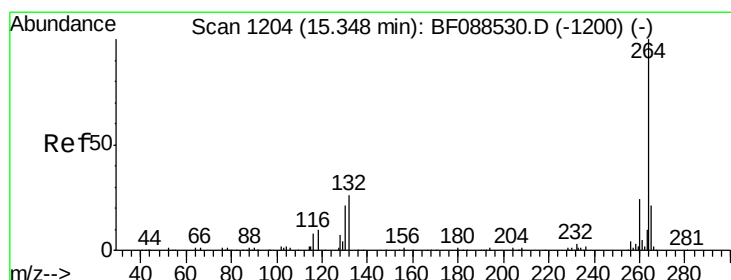
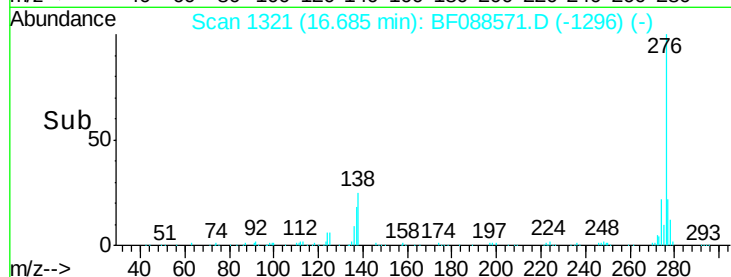
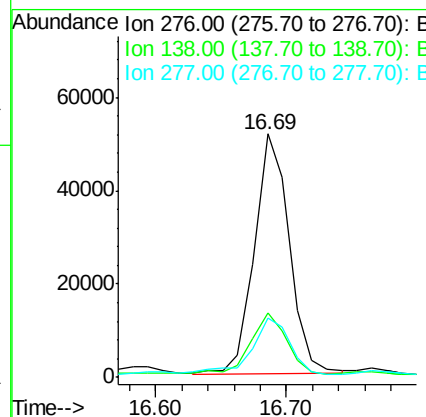
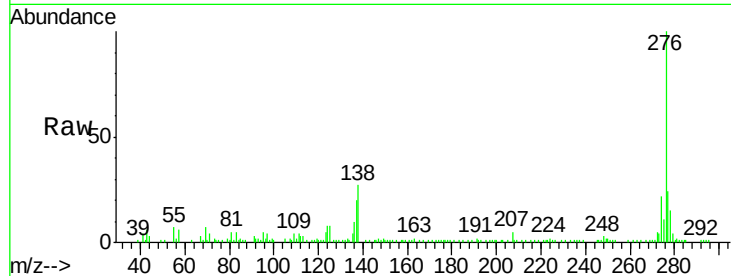
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 7.05 ng
 RT: 16.69 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF088571.D
 Acq: 1 Jul 2016 13:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	26.8	0.0	0.0#
277	26.9	0.0	0.0#

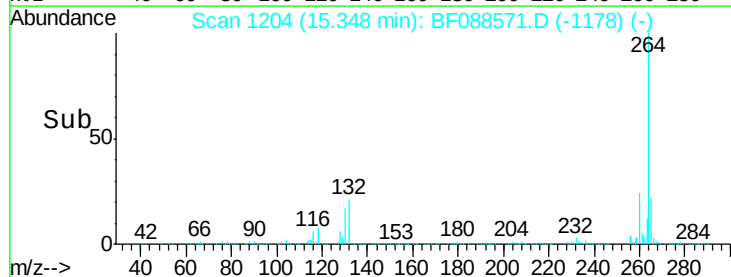
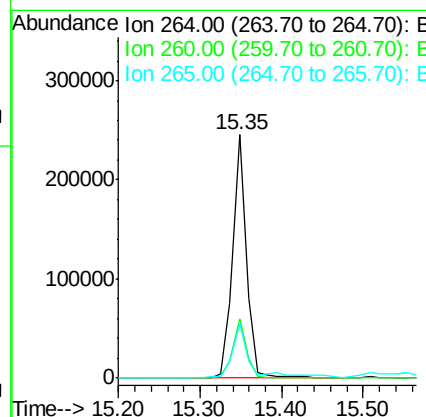
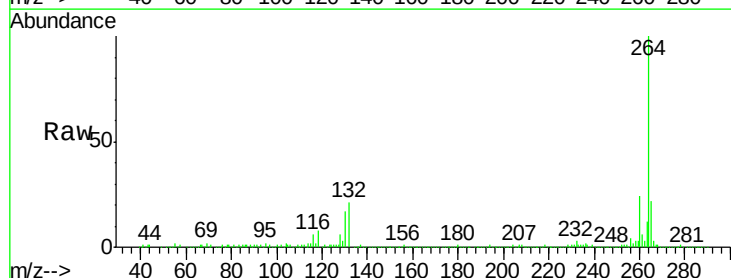
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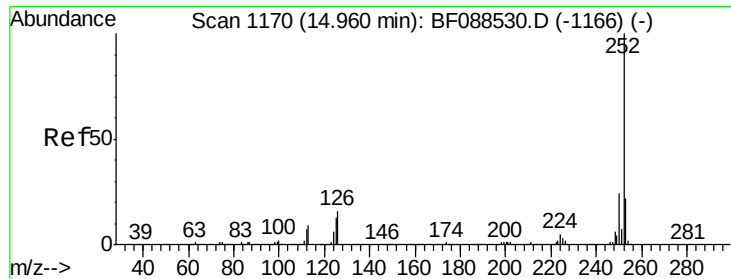
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF088571.D
 Acq: 1 Jul 2016 13:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.2	19.2	28.8
265	22.4	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 12.41 ng m

RT: 14.95 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF088571.D

Acq: 1 Jul 2016 13:23

Instrument :

BNA_F

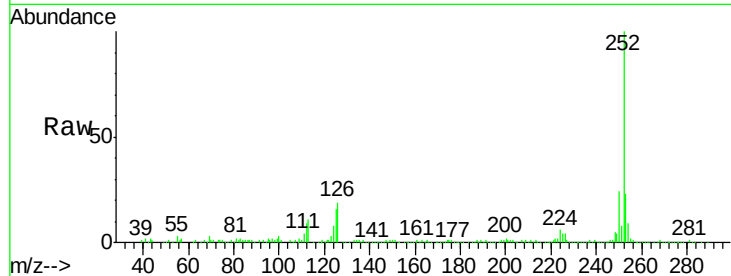
ClientSampleId :

SB-01-COMP

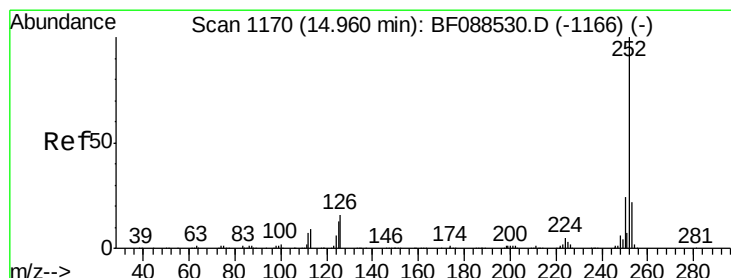
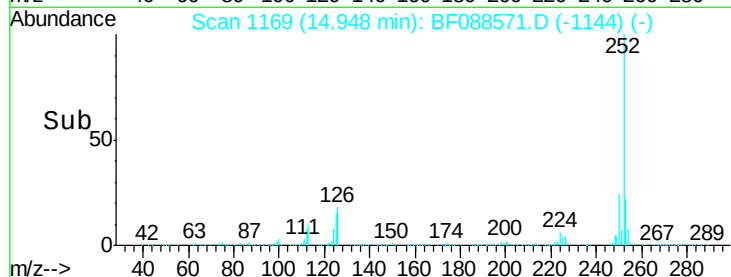
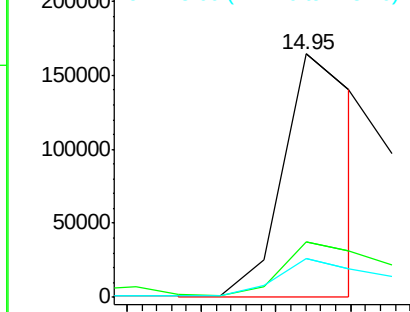
Tgt Ion:	252	Resp:	226359
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.4	26.2
125	15.8	7.1	10.7

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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: 7.20 ng m

RT: 14.96 min Scan# 1170

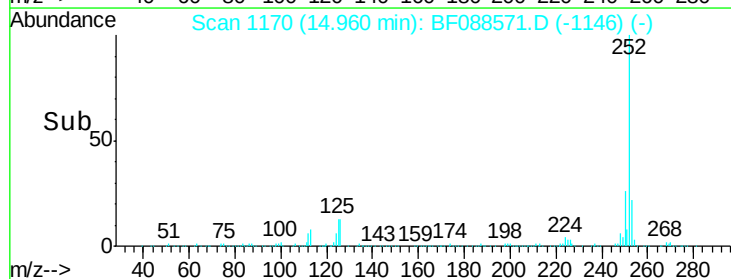
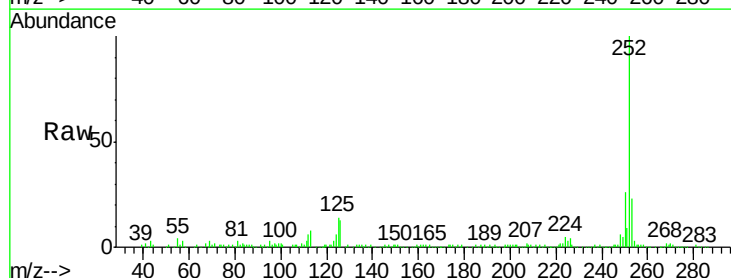
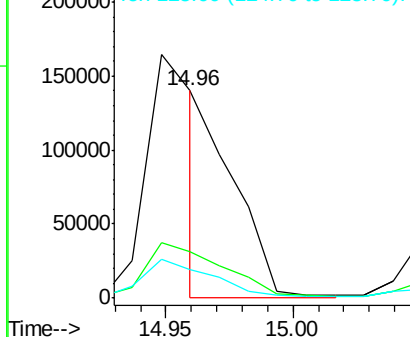
Delta R.T. -0.02 min

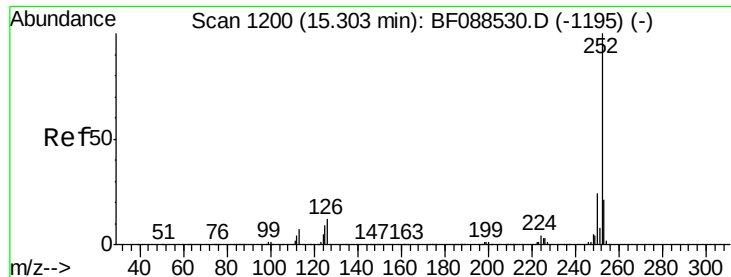
Lab File: BF088571.D

Acq: 1 Jul 2016 13:23

Tgt Ion:	252	Resp:	114273
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.0	27.0
125	13.8	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





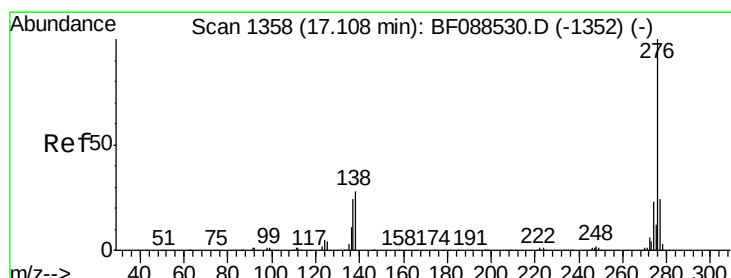
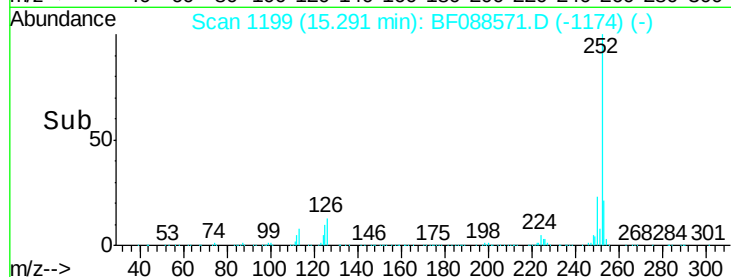
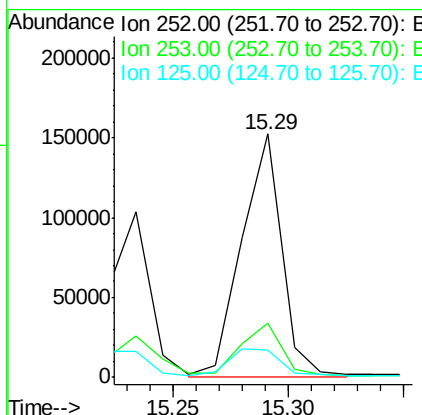
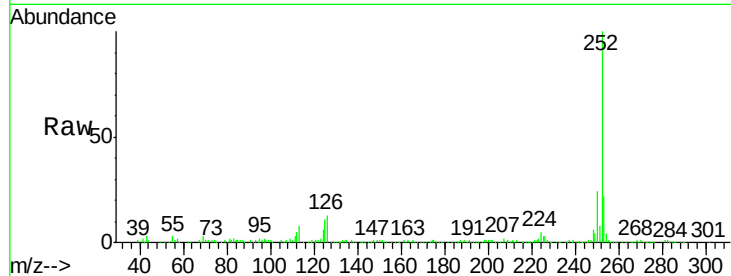
#89
Benzo(a)pyrene
Concen: 12.03 ng m
RT: 15.29 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF088571.D
Acq: 1 Jul 2016 13:23

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.0	17.9	26.9
125	11.2	12.5	18.7

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 6.68 ng
RT: 17.10 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF088571.D
Acq: 1 Jul 2016 13:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.9	18.9	28.3
138	23.8	21.4	32.2

