

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061616\
 Data File : BF088079.D
 Acq On : 16 Jun 2016 16:53
 Operator : UM/SJ
 Sample : H3570-20
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMP

Manual Integrations
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Quant Time: Jun 16 17:45:00 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 16 14:54:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	107375	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	392553	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	181284	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	346979	20.00	ng	0.00
75) Chrysene-d12	13.86	240	234742	20.00	ng	0.00
86) Perylene-d12	15.25	264	225430	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	217097	34.56	ng	0.00
7) Phenol-d6	6.35	99	295006	38.76	ng	-0.01
23) Nitrobenzene-d5	7.28	82	162161	24.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	123325	64.43	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	353383	26.83	ng	0.00
78) Terphenyl-d14	12.81	244	488969	47.40	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.47	163	157371	11.98	ng	99
77) Pyrene	12.66	202	53502	3.07	ng	98
80) Benzo(a)anthracene	13.85	228	31477m	2.35	ng	
82) Chrysene	13.89	228	34086m	2.71	ng	
85) Indeno(1,2,3-cd)pyrene	16.57	276	35038	3.00	ng	# 100
87) Benzo(b)fluoranthene	14.87	252	50192m	3.19	ng	
89) Benzo(a)pyrene	15.20	252	39045	3.07	ng	96
91) Benzo(g,h,i)perylene	16.97	276	35687	2.94	ng	95

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

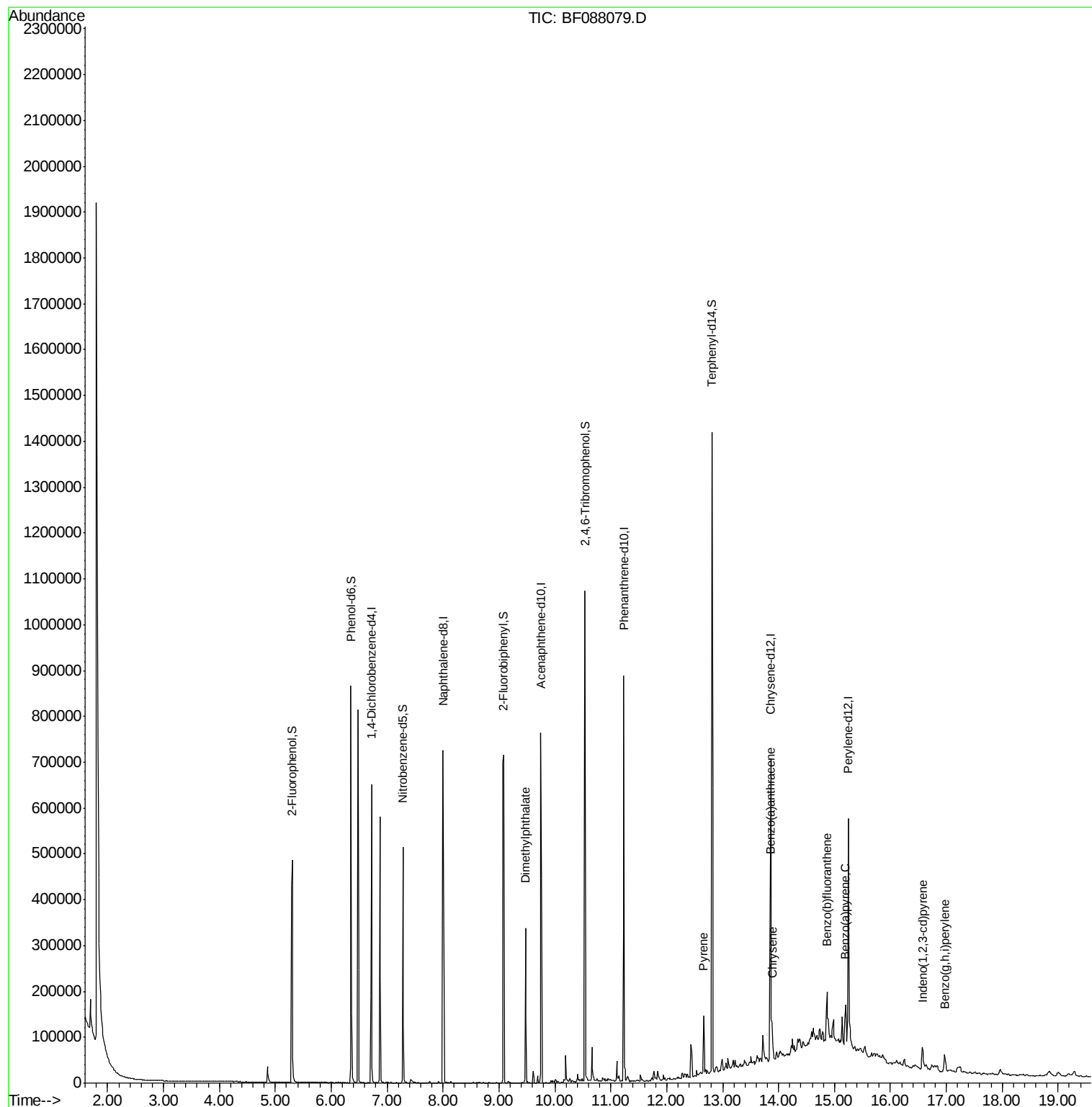
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061616\
Data File : BF088079.D
Acq On : 16 Jun 2016 16:53
Operator : UM/SJ
Sample : H3570-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

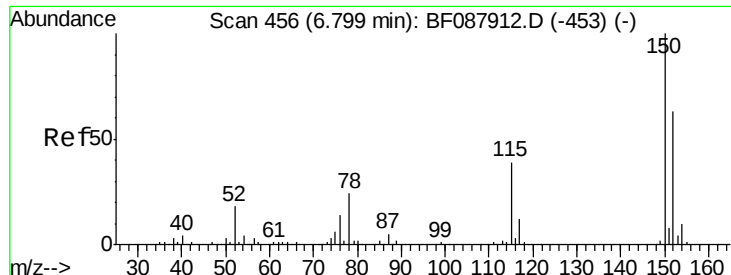
Instrument :
BNA_F
ClientSampleId :
SB-22-COMP

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Quant Time: Jun 16 17:45:00 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

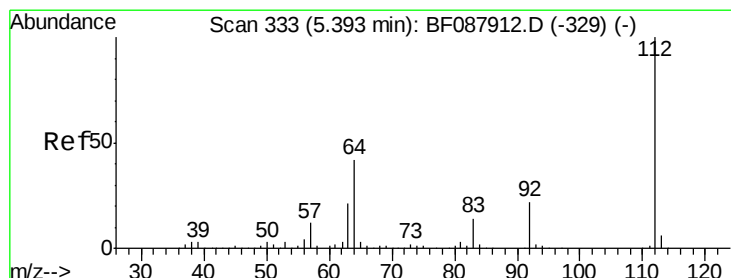
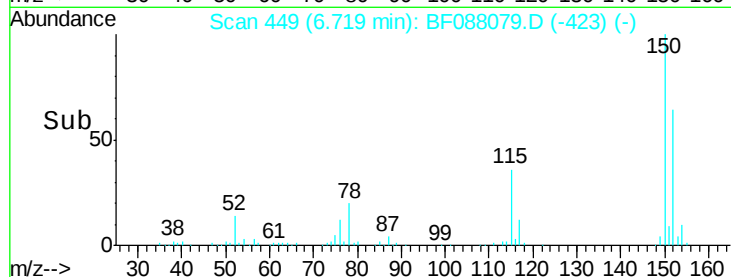
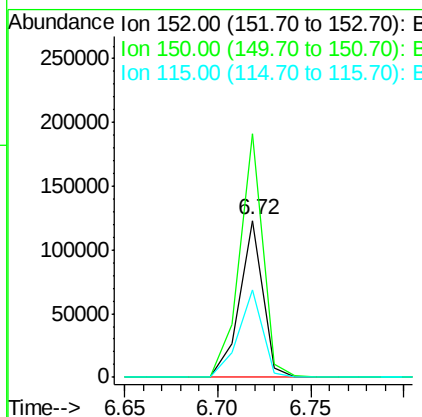
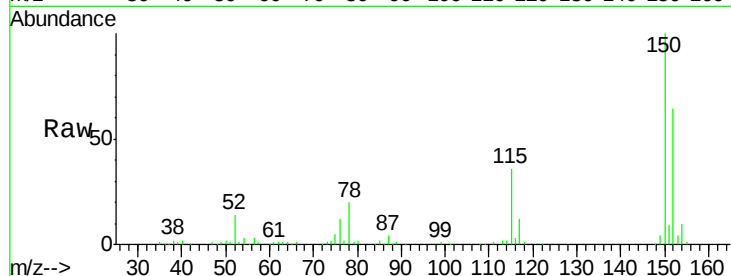
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF088079.D
Acq: 16 Jun 2016 16:53

Instrument :
BNA_F
ClientSampleId :
SB-22-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	123.8	185.6
115	55.5	39.6	59.4

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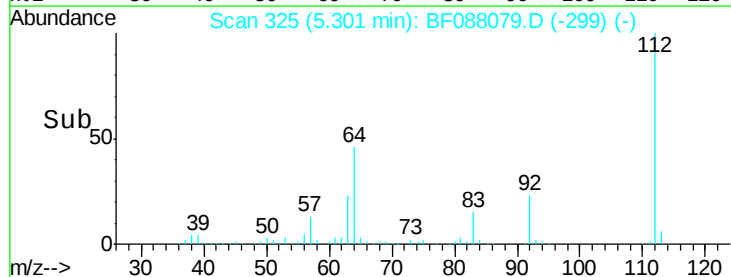
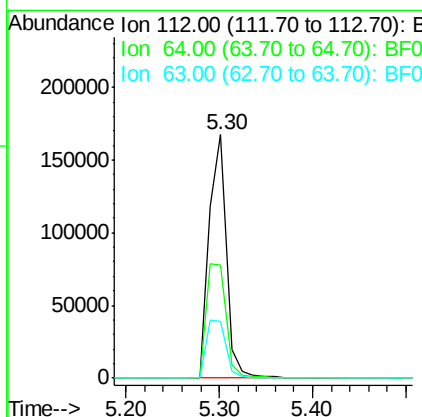
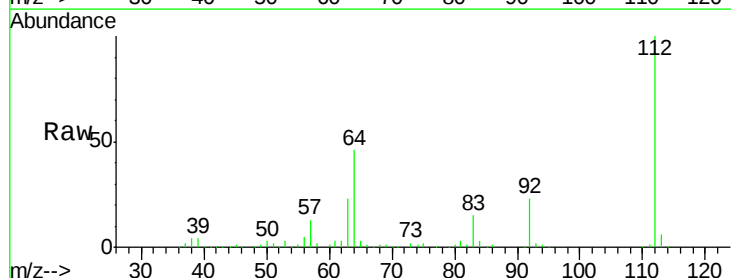
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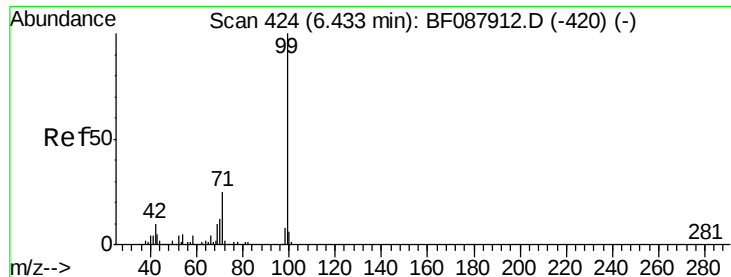


#5

2-Fluorophenol
Concen: 34.56 ng
RT: 5.30 min Scan# 325
Delta R.T. 0.00 min
Lab File: BF088079.D
Acq: 16 Jun 2016 16:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	46.2	42.2	63.2
63	23.1	21.8	32.8





#7

Phenol-d6

Concen: 38.76 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF088079.D

Acq: 16 Jun 2016 16:53

Instrument :

BNA_F

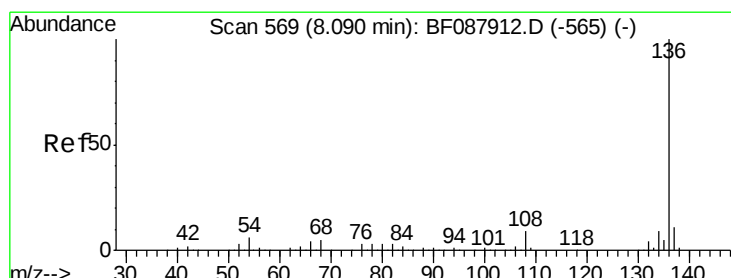
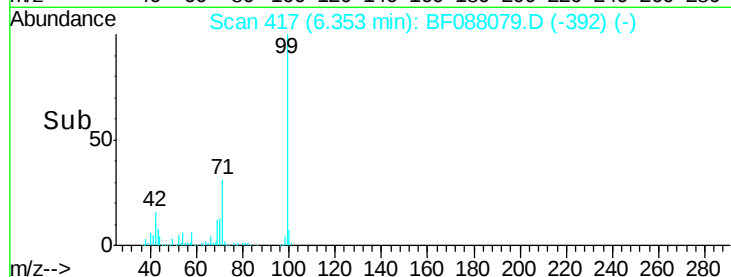
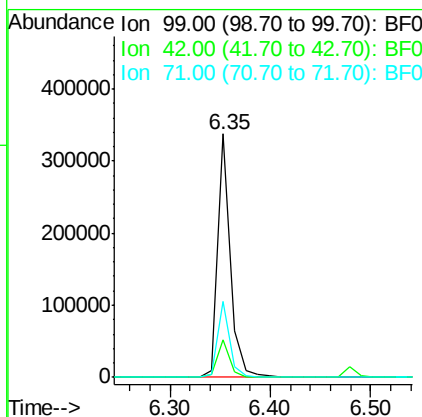
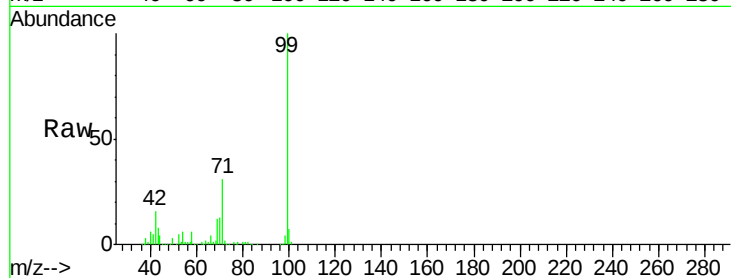
ClientSampleId :

SB-22-COMP

Tot Ion:	99	Resp:	295006
Ion Ratio	Lower	Upper	
99	100		
42	15.5	12.2	18.2
71	31.5	23.4	35.0

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#21

Naphthalene-d8

Concen: 20.00 ng

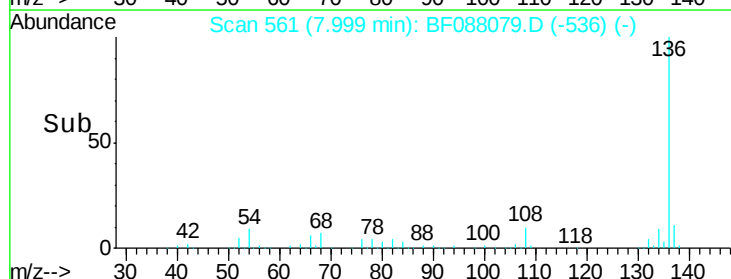
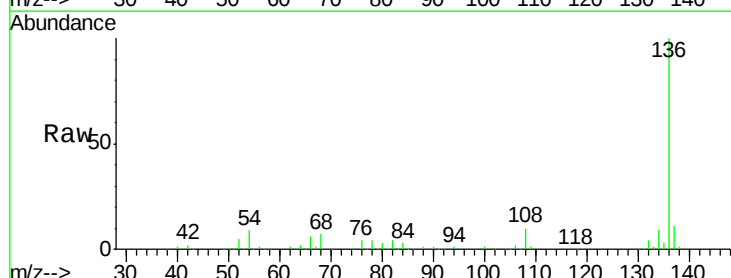
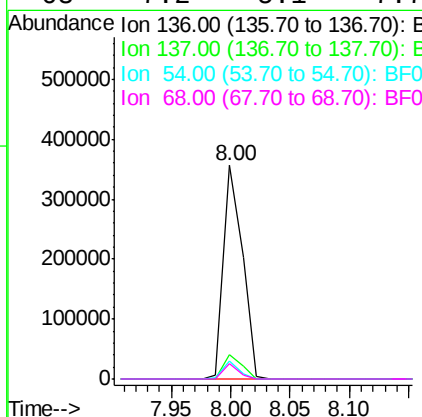
RT: 8.00 min Scan# 561

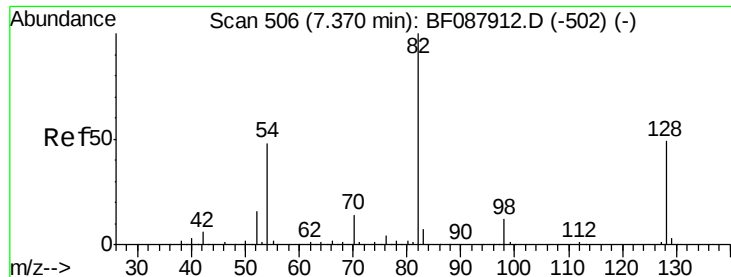
Delta R.T. -0.01 min

Lab File: BF088079.D

Acq: 16 Jun 2016 16:53

Tgt Ion:	136	Resp:	392553
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





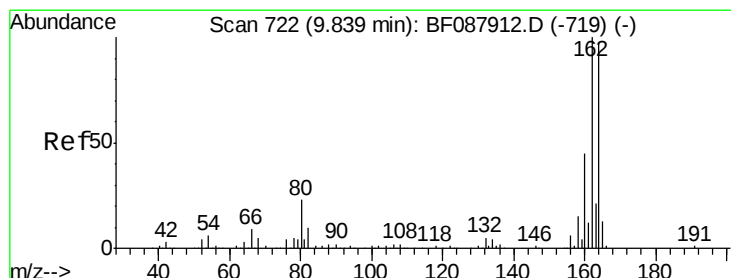
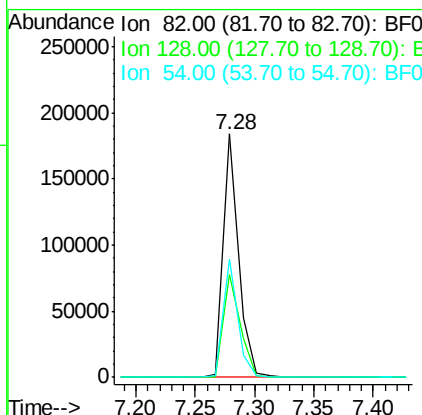
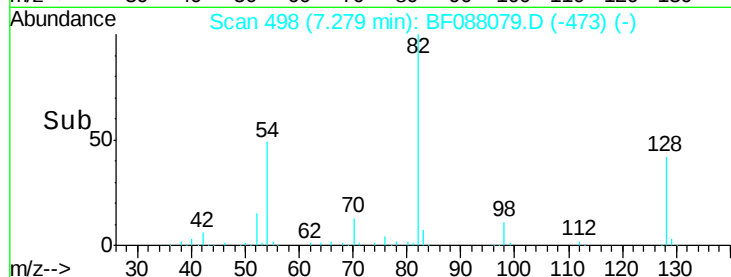
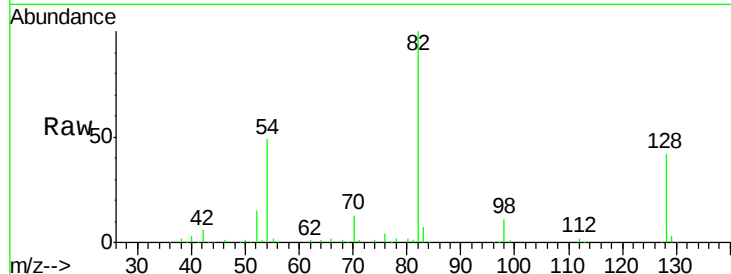
#23
Nitrobenzene-d5
Concen: 24.12 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.01 min
Lab File: BF088079.D
Acq: 16 Jun 2016 16:53

Instrument :
BNA_F
ClientSampleId :
SB-22-COMP

Tot Ion	Ratio	Resp	Lower	Upper
82	100	162161		
128	42.2	35.9	53.9	
54	48.7	40.9	61.3	

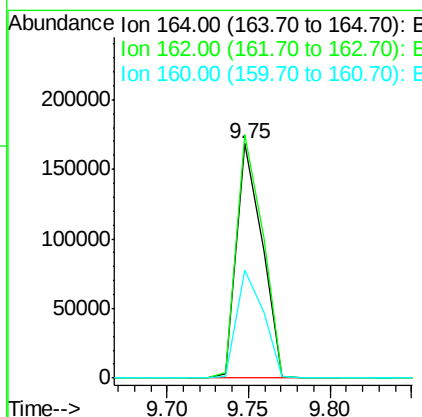
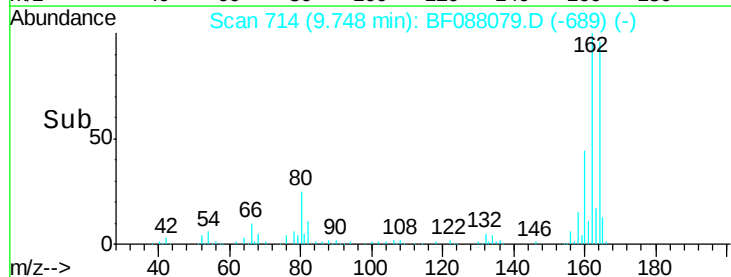
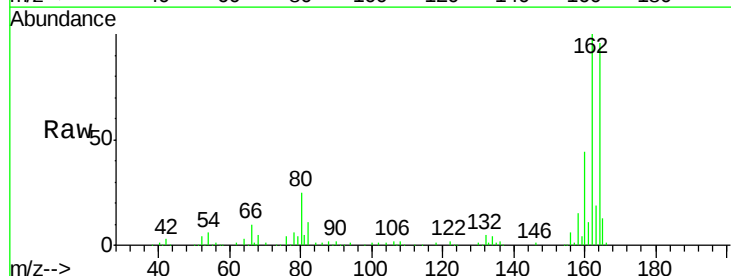
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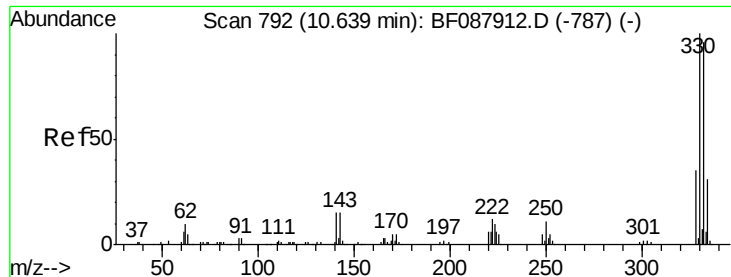
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF088079.D
Acq: 16 Jun 2016 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	181284		
162	103.9	85.4	128.2	
160	46.2	39.5	59.3	





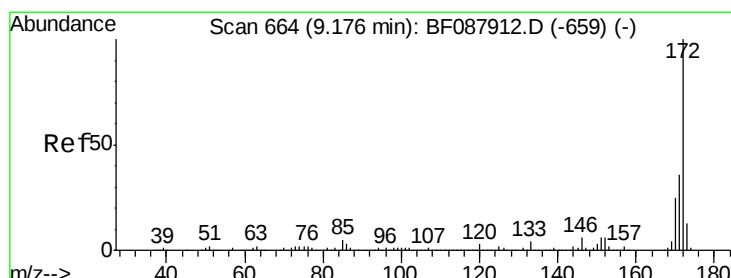
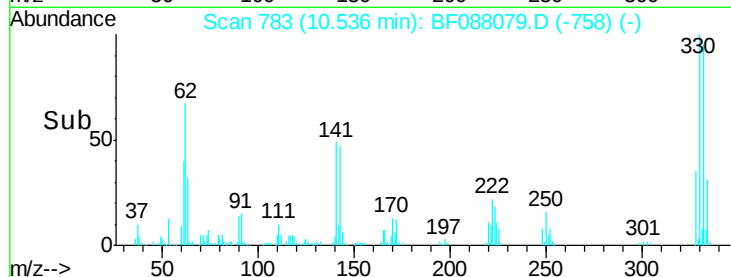
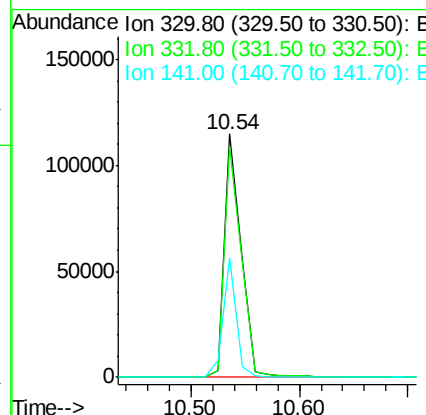
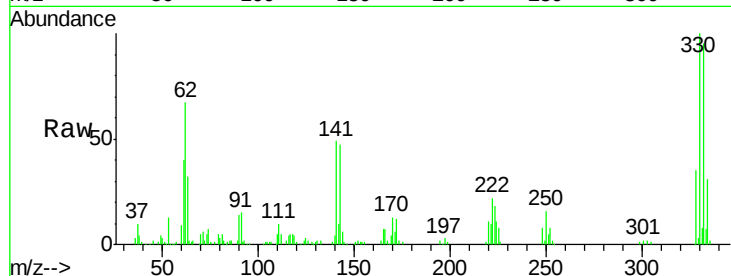
#41
 2,4,6-Tribromophenol
 Concen: 64.43 ng
 RT: 10.54 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF088079.D
 Acq: 16 Jun 2016 16:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMP

Tot Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	95.4	0.0	0.0#
141	39.5	0.0	0.0#

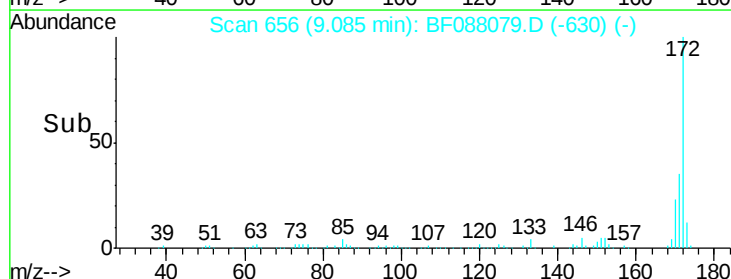
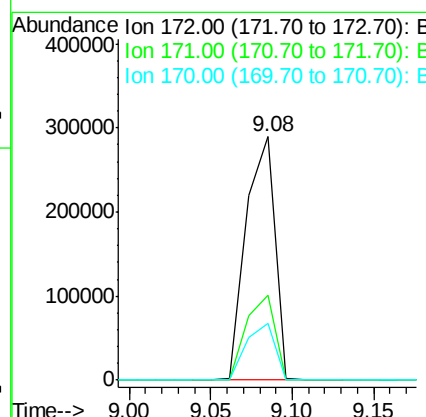
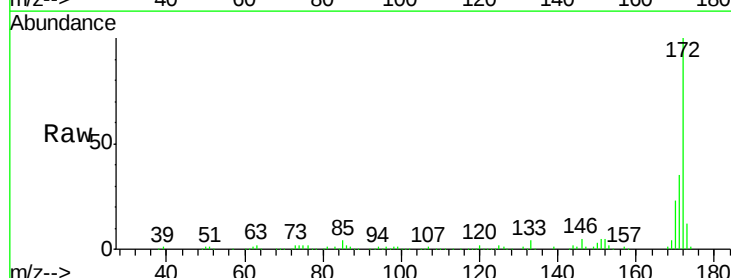
Manual Integrations
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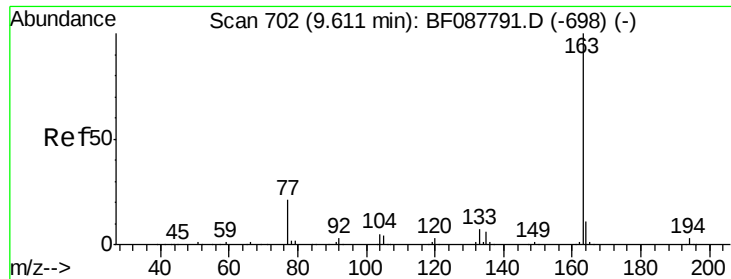
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#44
 2-Fluorobiphenyl
 Concen: 26.83 ng
 RT: 9.08 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF088079.D
 Acq: 16 Jun 2016 16:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	34.8	28.6	43.0
170	23.4	19.2	28.8





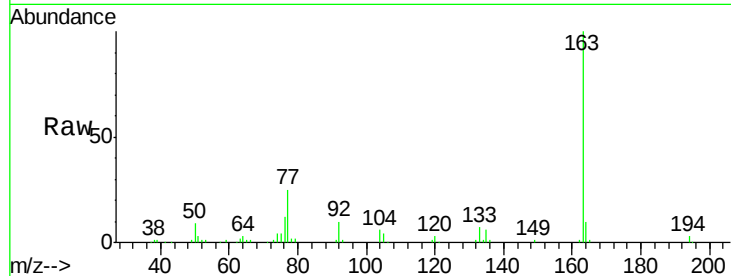
#49
Dimethylphthalate
Concen: 11.98 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF088079.D
Acq: 16 Jun 2016 16:53

Instrument :
BNA_F
ClientSampleId :
SB-22-COMP

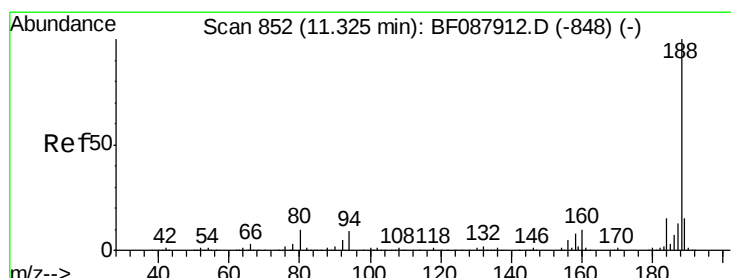
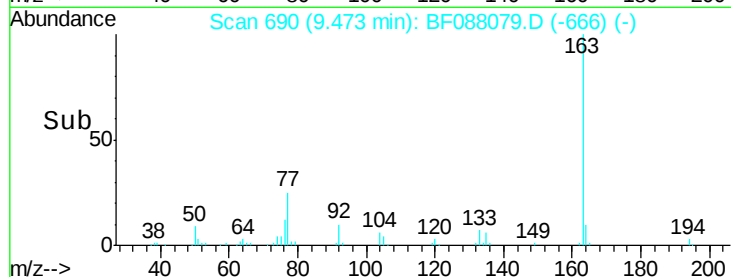
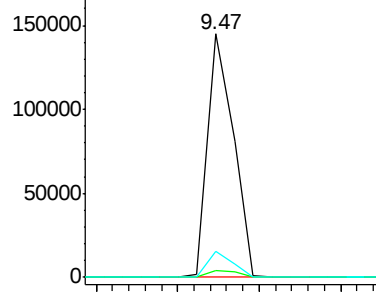
Tot Ion	Ratio	Resp	Lower	Upper
163	100	157371		
194	3.0	2.8	4.2	
164	10.5	8.3	12.5	

Manual Integrations
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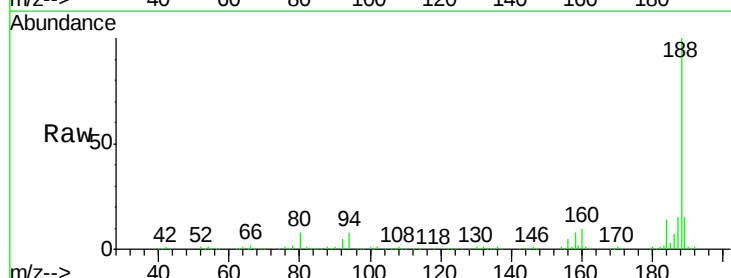


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

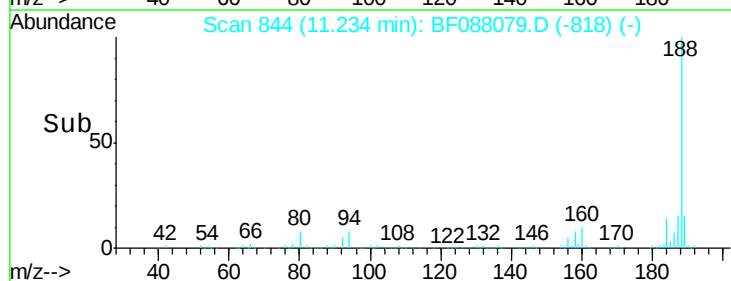
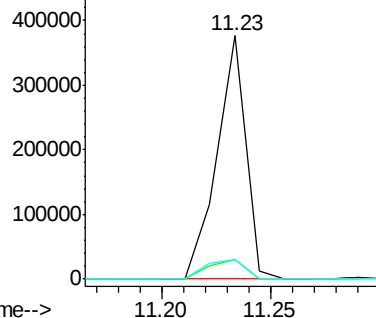


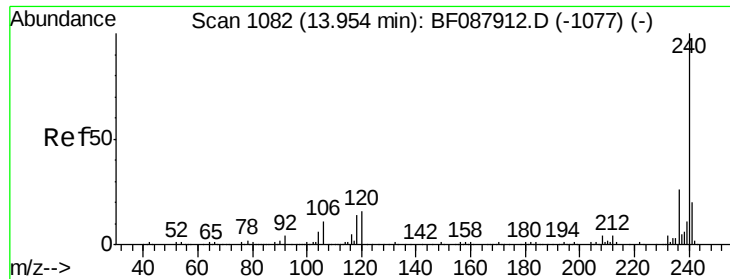
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF088079.D
Acq: 16 Jun 2016 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	346979		
94	8.0	9.0	13.6#	
80	8.1	10.0	15.0#	



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 1074

Delta R.T. 0.00 min

Lab File: BF088079.D

Acq: 16 Jun 2016 16:53

Instrument :

BNA_F

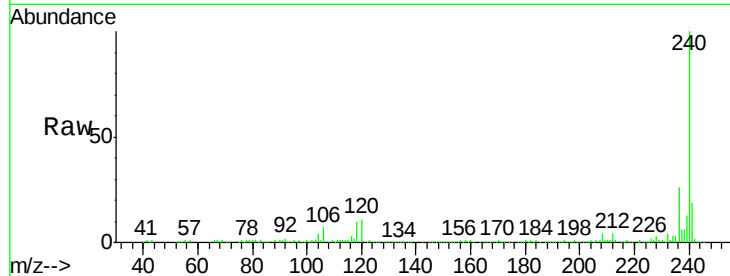
ClientSampleId :

SB-22-COMP

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.8	6.8	10.2
236	26.0	20.2	30.2

Manual Integrations
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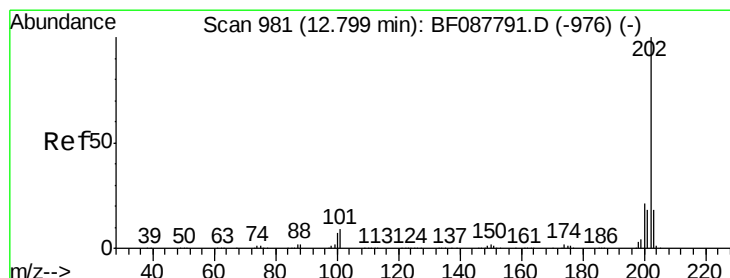
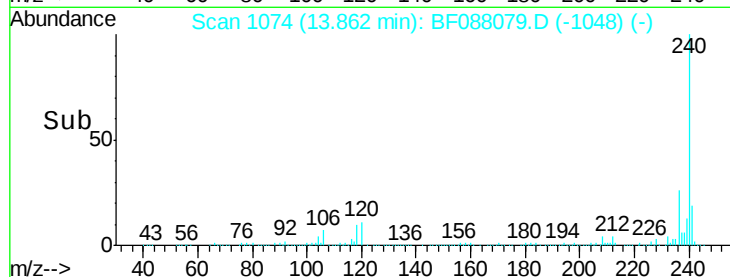
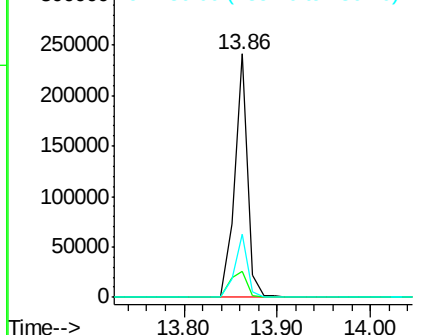
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 3.07 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF088079.D

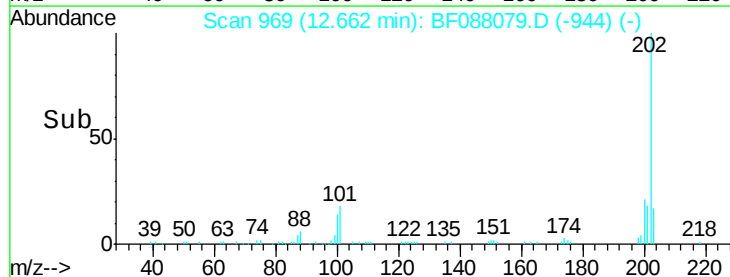
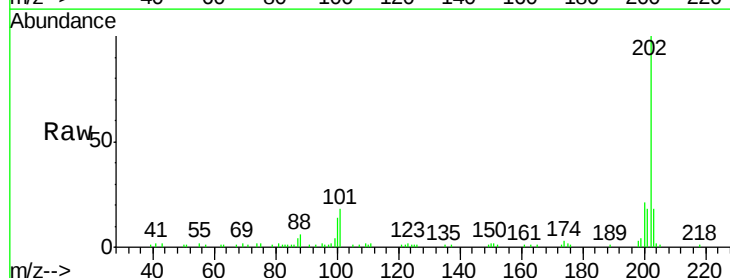
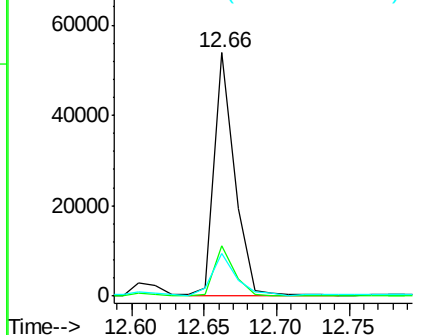
Acq: 16 Jun 2016 16:53

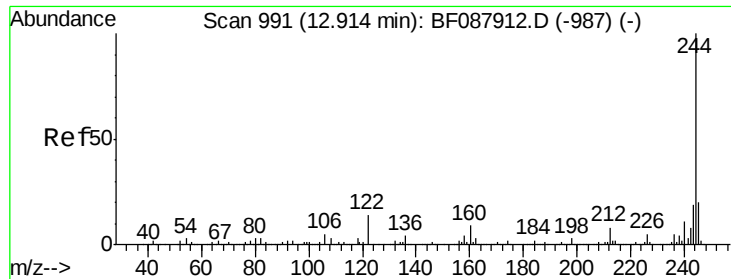
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	17.6	14.5	21.7

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





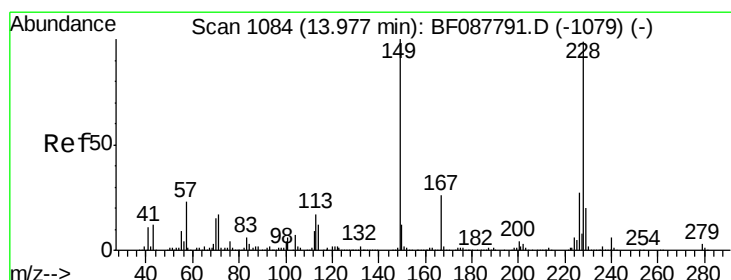
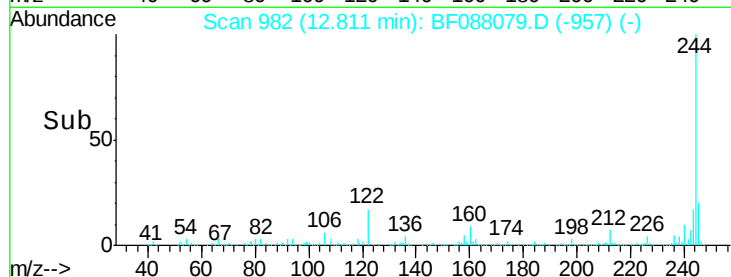
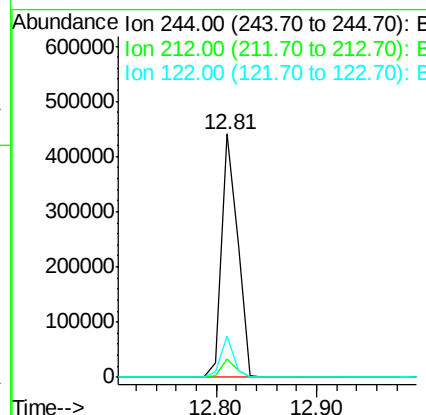
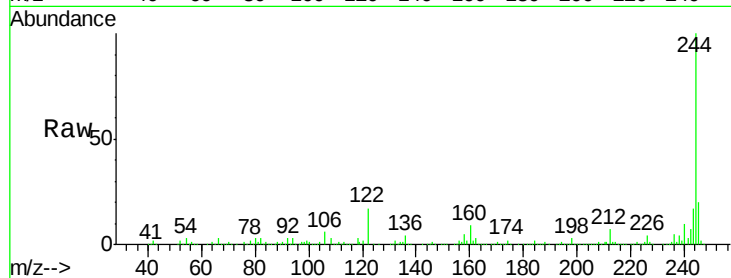
#78
 Terphenyl-d14
 Concen: 47.40 ng
 RT: 12.81 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF088079.D
 Acq: 16 Jun 2016 16:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	16.8	11.2	16.8#

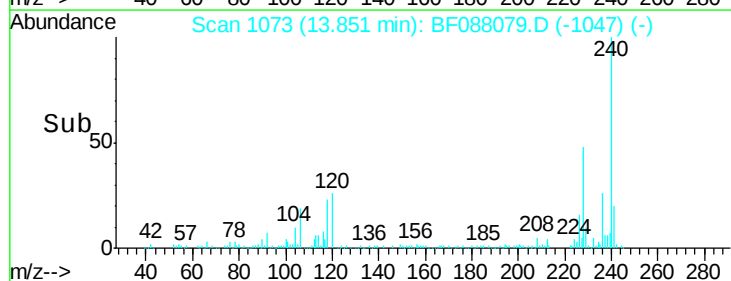
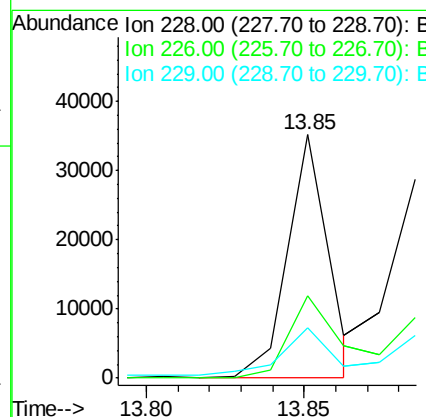
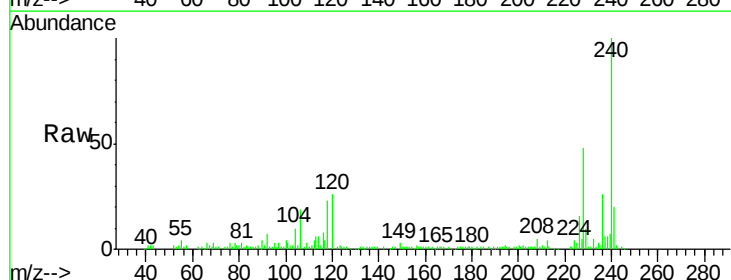
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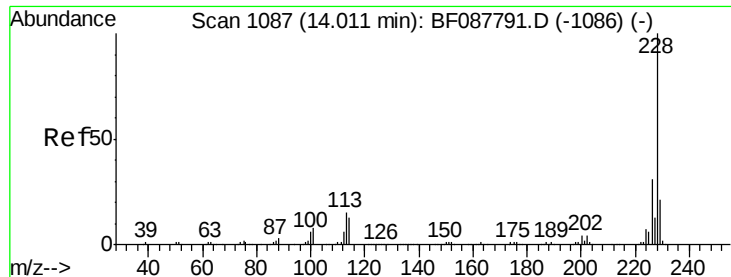
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#80
 Benzo(a)anthracene
 Concen: 2.35 ng m
 RT: 13.85 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: BF088079.D
 Acq: 16 Jun 2016 16:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.1	22.3	33.5#
229	20.5	16.0	24.0





#82

Chrysene

Concen: 2.71 ng/mL

RT: 13.89 min Scan# 1076

Delta R.T. -0.01 min

Lab File: BF088079.D

Acq: 16 Jun 2016 16:53

Instrument :

BNA_F

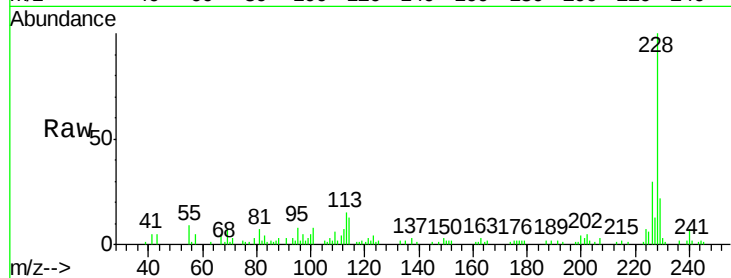
ClientSampleId :

SB-22-COMP

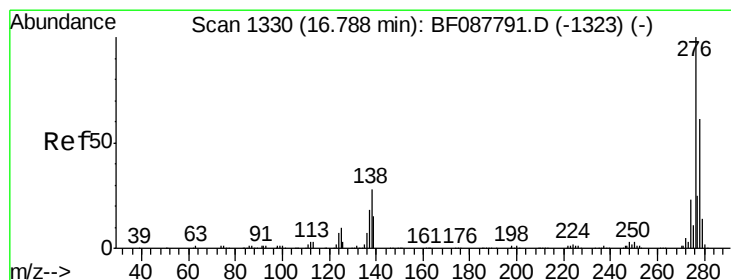
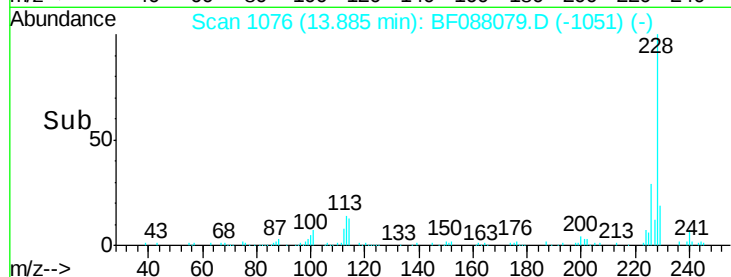
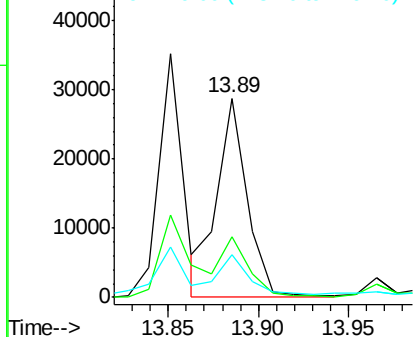
Tot Ion:	228	Resp:	34086
Ion Ratio	Lower	Upper	
228	100		
226	30.2	25.4	38.2
229	21.7	16.3	24.5

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 3.00 ng/mL

RT: 16.57 min Scan# 1311

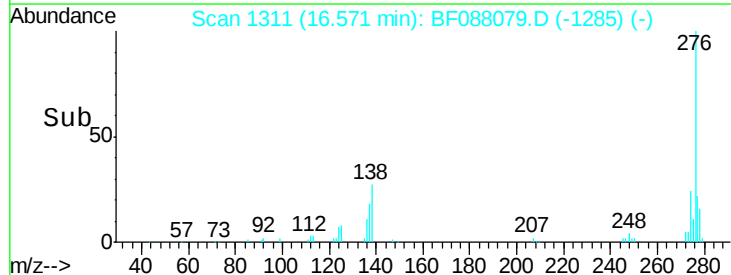
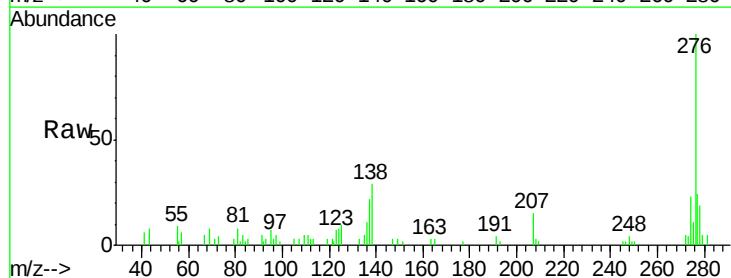
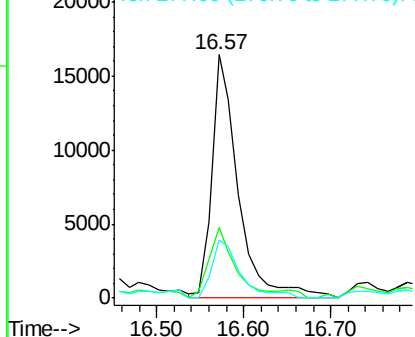
Delta R.T. 0.00 min

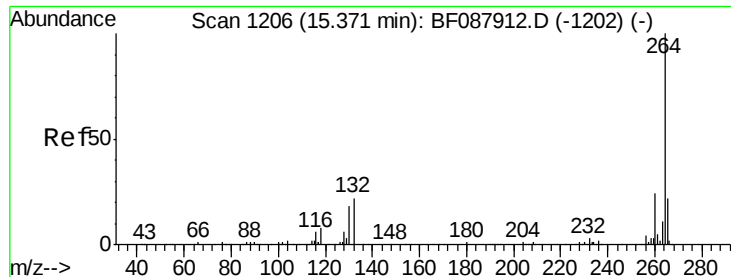
Lab File: BF088079.D

Acq: 16 Jun 2016 16:53

Tgt Ion:	276	Resp:	35038
Ion Ratio	Lower	Upper	
276	100		
138	31.1	0.0	0.0#
277	25.5	0.0	0.0#

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





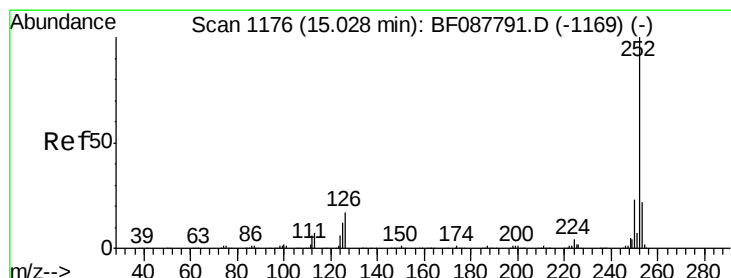
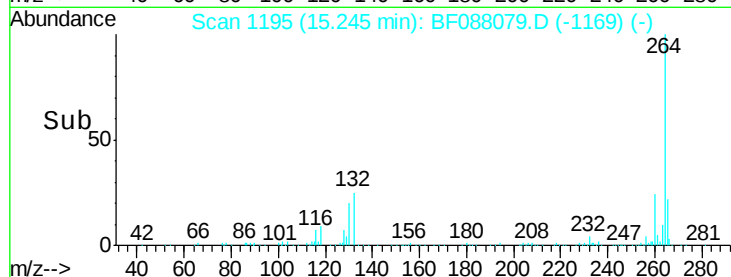
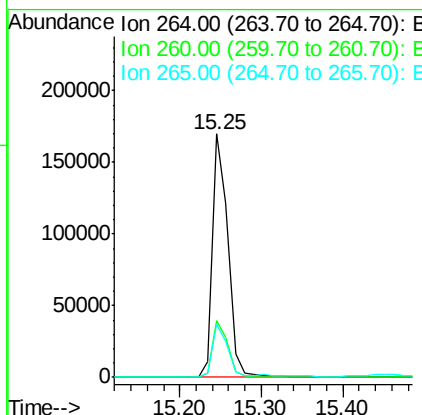
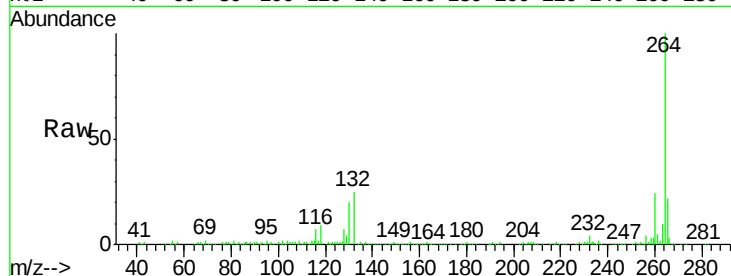
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BF088079.D
Acq: 16 Jun 2016 16:53

Instrument :
BNA_F
ClientSampleId :
SB-22-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.9	16.9	25.3

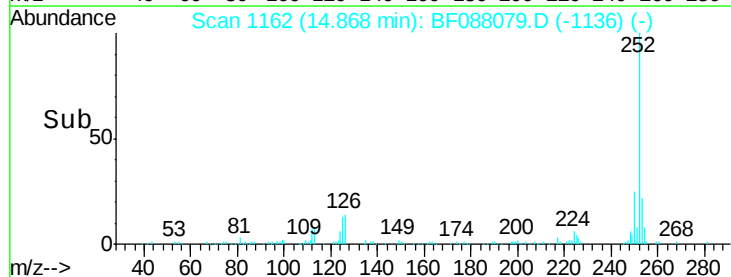
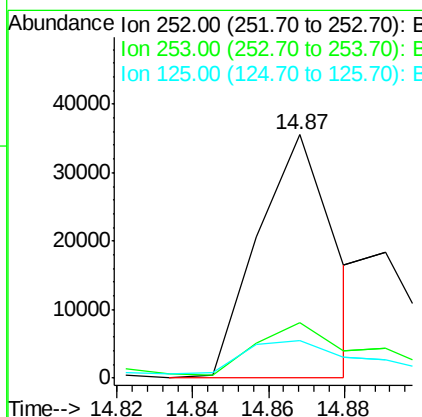
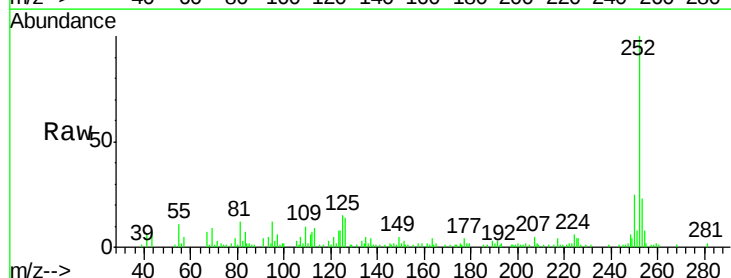
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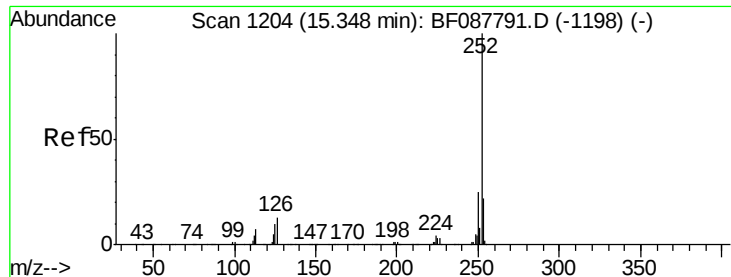
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#87
Benzo(b)fluoranthene
Concen: 3.19 ng m
RT: 14.87 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BF088079.D
Acq: 16 Jun 2016 16:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	15.2	7.1	10.7#





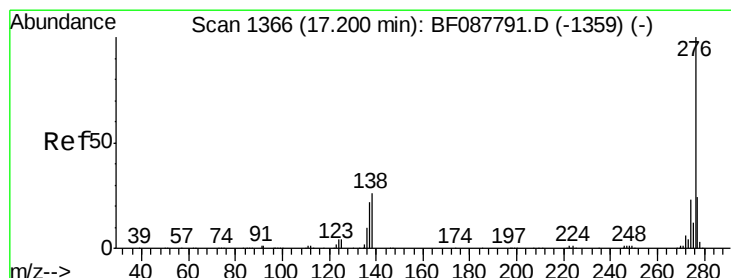
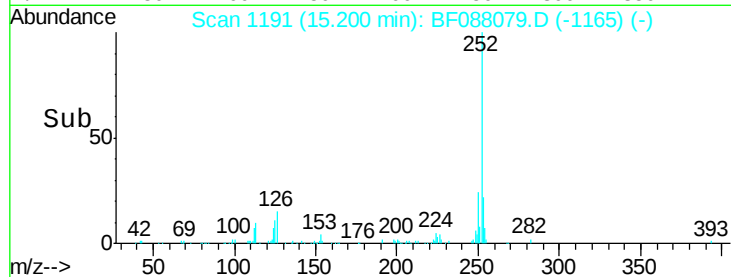
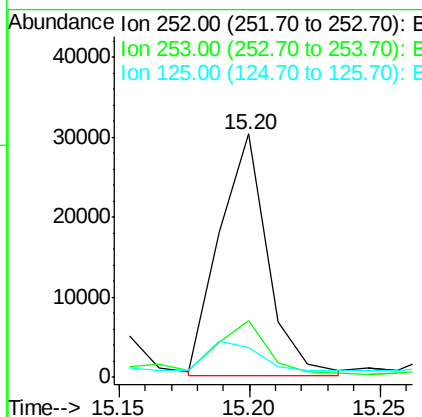
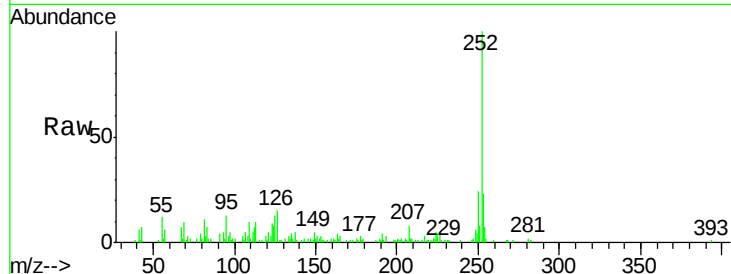
#89
Benzo(a)pyrene
Concen: 3.07 ng
RT: 15.20 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF088079.D
Acq: 16 Jun 2016 16:53

Instrument :
BNA_F
ClientSampleId :
SB-22-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	12.5	12.5	18.7

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#91
Benzo(g,h,i)perylene
Concen: 2.94 ng
RT: 16.97 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF088079.D
Acq: 16 Jun 2016 16:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.2	18.9	28.3
138	29.1	21.4	32.2

