

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061616\
 Data File : BF088089.D
 Acq On : 16 Jun 2016 21:45
 Operator : UM/SJ
 Sample : H3596-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

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Quant Time: Jun 17 04:37:50 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	116715	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	422445	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	185624	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	302584	20.00	ng	0.00
75) Chrysene-d12	13.86	240	224661	20.00	ng	0.00
86) Perylene-d12	15.25	264	192010	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	667576	97.78	ng	0.01
7) Phenol-d6	6.36	99	837817	101.26	ng	0.00
23) Nitrobenzene-d5	7.29	82	592982	81.97	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	163901	83.62	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	882198	73.94	ng	0.00
78) Terphenyl-d14	12.82	244	652481	66.09	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
49) Dimethylphthalate	9.47	163	250659	18.64	ng	99
70) Phenanthrene	11.26	178	48044	3.03	ng	97
74) Fluoranthene	12.43	202	61686	3.68	ng	97
77) Pyrene	12.66	202	64760	3.88	ng	98
80) Benzo(a)anthracene	13.85	228	39447m	3.08	ng	
82) Chrysene	13.89	228	26141	2.17	ng	96
83) Bis(2-ethylhexyl)phthalate	13.85	149	26899	3.00	ng	100
87) Benzo(b)fluoranthene	14.87	252	44700m	3.34	ng	
89) Benzo(a)pyrene	15.20	252	32625	3.01	ng	95

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

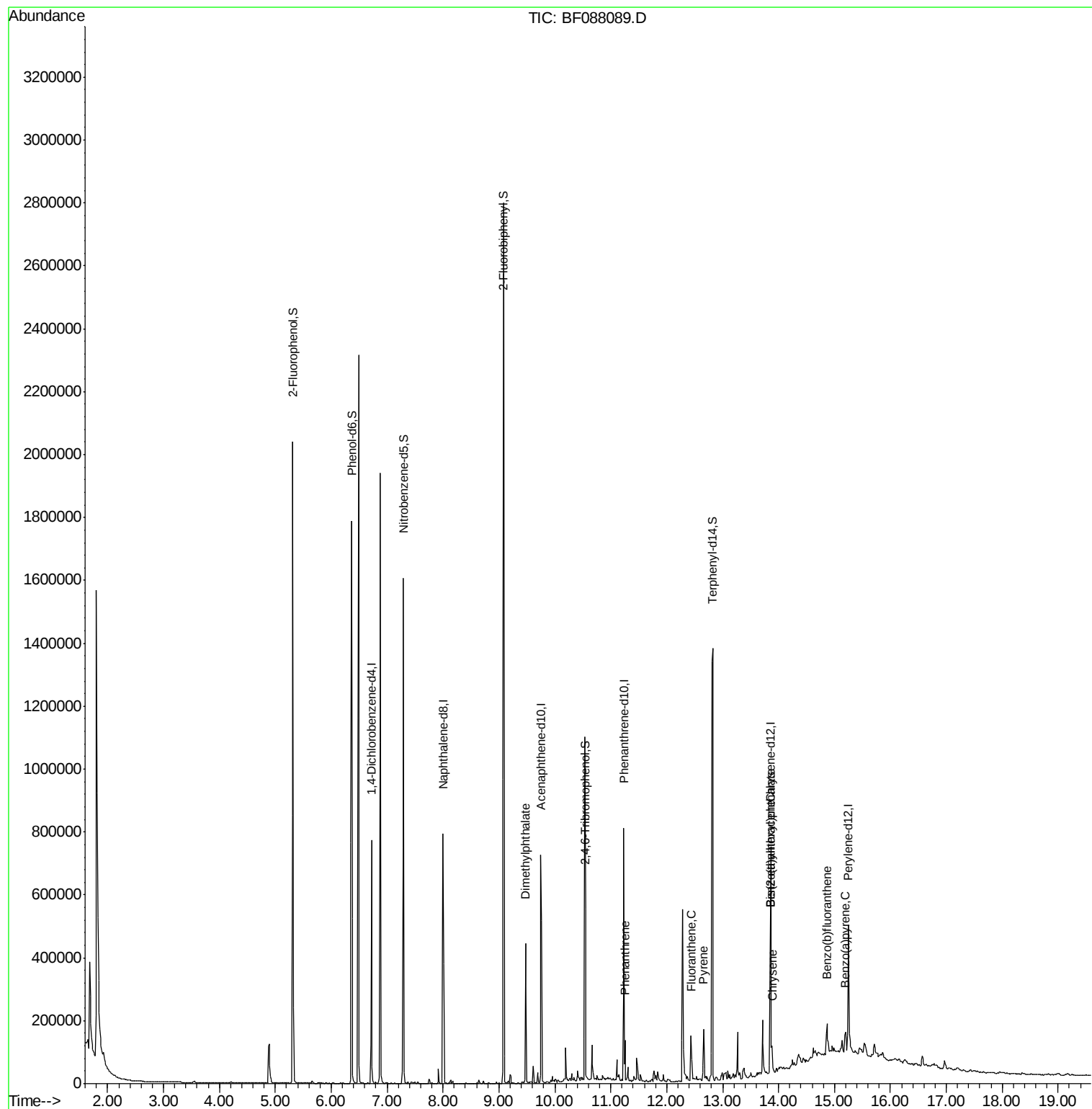
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061616\
Data File : BF088089.D
Acq On : 16 Jun 2016 21:45
Operator : UM/SJ
Sample : H3596-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

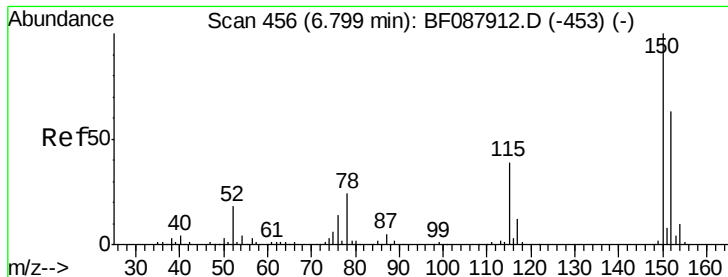
Instrument :
BNA_F
ClientSampleId :
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Quant Time: Jun 17 04:37:50 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
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#1

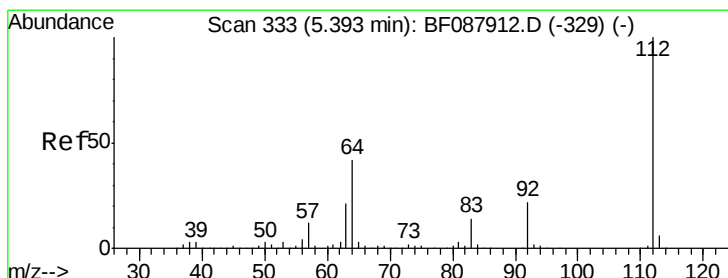
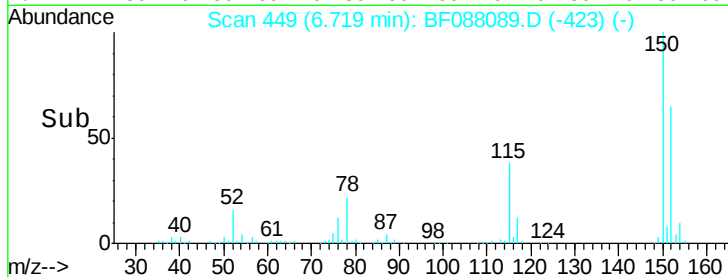
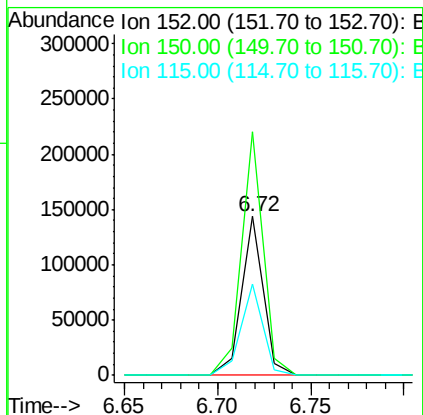
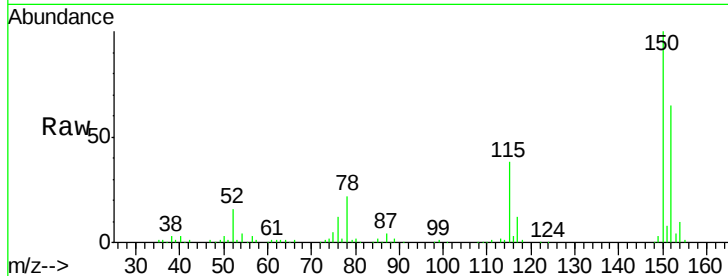
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF088089.D
Acq: 16 Jun 2016 21:45

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
152	100	116715		
150	153.3	123.8	185.6	
115	57.6	39.6	59.4	

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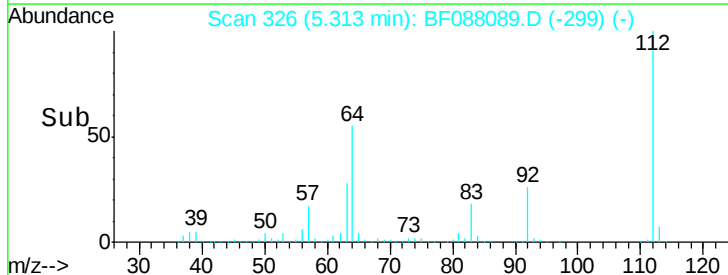
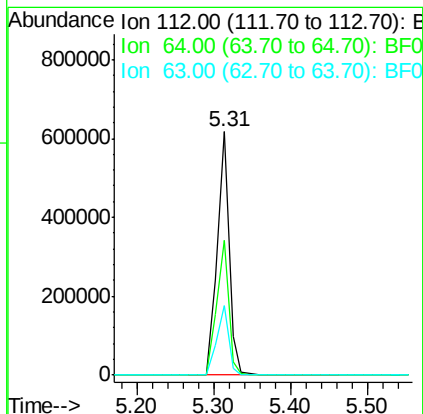
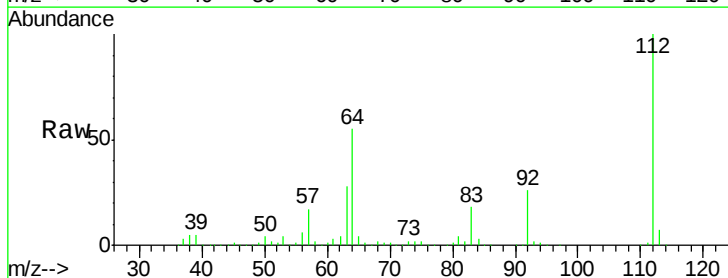
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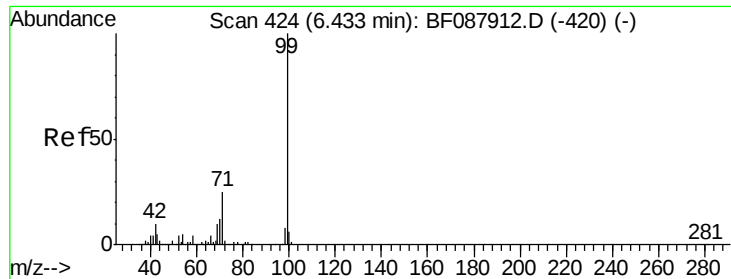


#5

2-Fluorophenol
Concen: 97.78 ng
RT: 5.31 min Scan# 326
Delta R.T. 0.01 min
Lab File: BF088089.D
Acq: 16 Jun 2016 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	667576		
64	55.4	42.2	63.2	
63	28.4	21.8	32.8	





#7

Phenol-d6

Concen: 101.26 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF088089.D

Acq: 16 Jun 2016 21:45

Instrument :

BNA_F

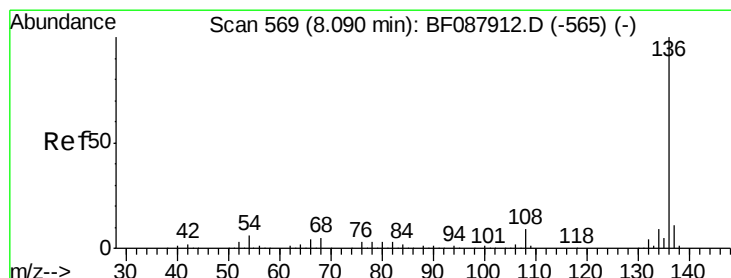
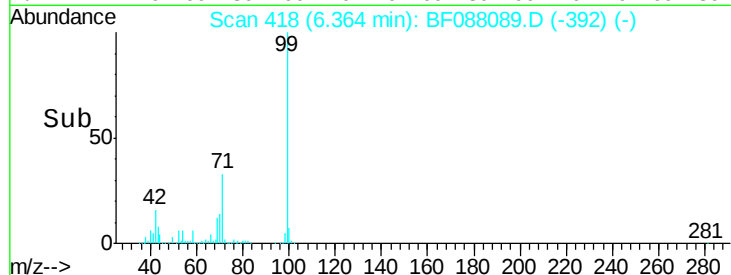
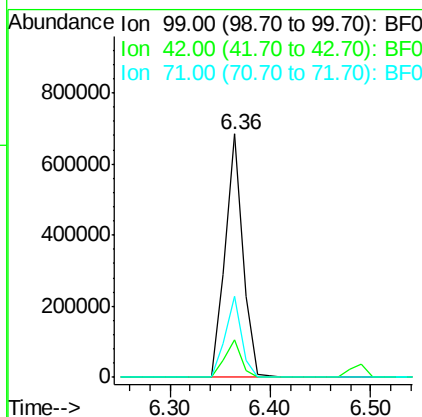
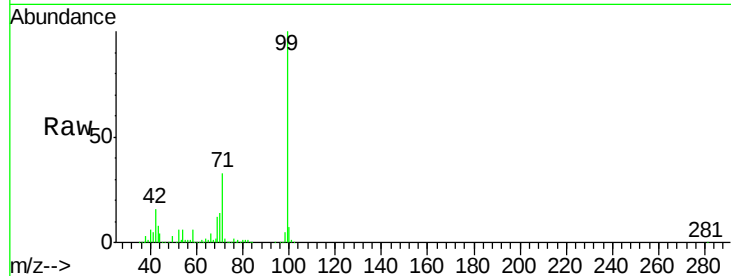
ClientSampleId :

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Tot Ion:	99	Resp:	837817
Ion Ratio	Lower	Upper	
99	100		
42	15.7	12.2	18.2
71	33.1	23.4	35.0

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#21

Naphthalene-d8

Concen: 20.00 ng

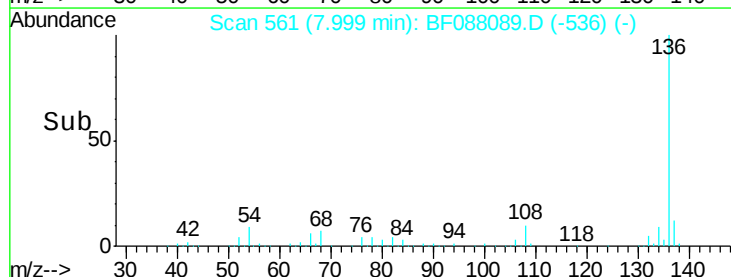
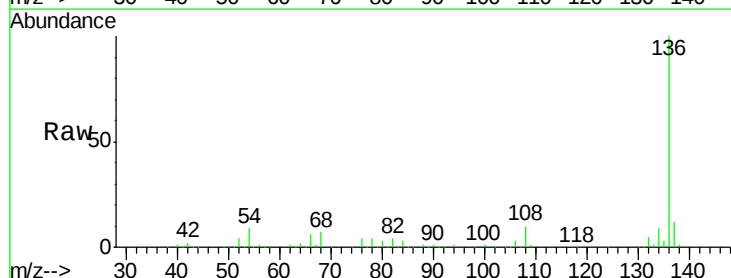
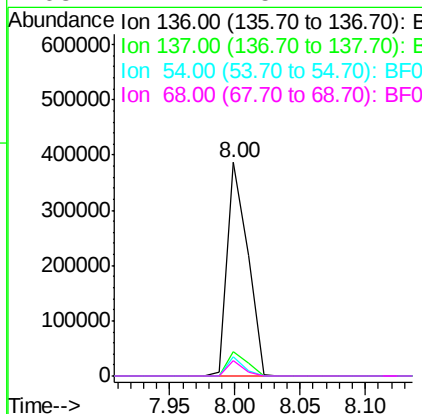
RT: 8.00 min Scan# 561

Delta R.T. -0.01 min

Lab File: BF088089.D

Acq: 16 Jun 2016 21:45

Tgt Ion:	136	Resp:	422445
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.1	13.7
54	8.8	6.6	10.0
68	7.1	5.1	7.7





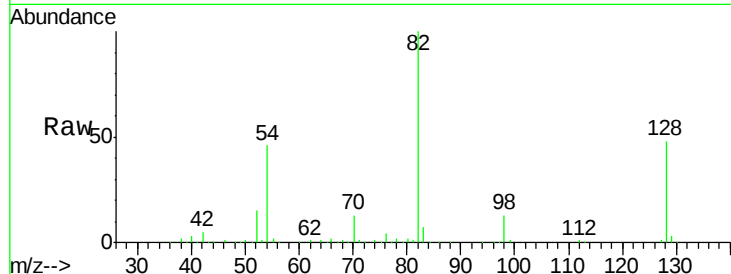
#23
 Nitrobenzene-d5
 Concen: 81.97 ng
 RT: 7.29 min Scan# 499
 Delta R.T. 0.00 min
 Lab File: BF088089.D
 Acq: 16 Jun 2016 21:45

Instrument :
 BNA_F
 ClientSampleId :
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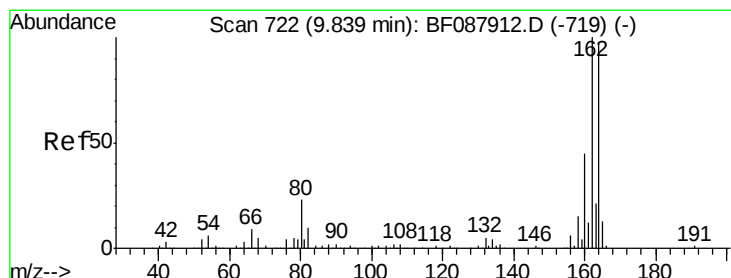
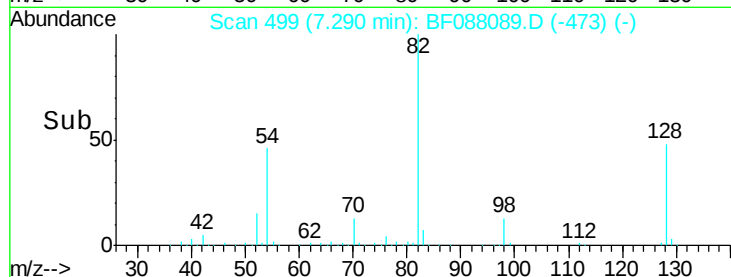
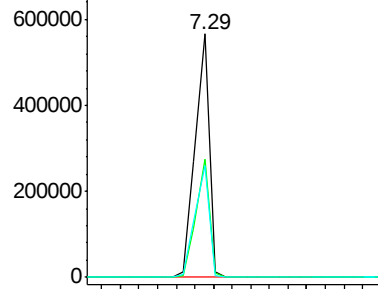
Tot Ion:	82	Resp:	592982
Ion Ratio	Lower	Upper	
82	100		
128	48.5	35.9	53.9
54	46.2	40.9	61.3

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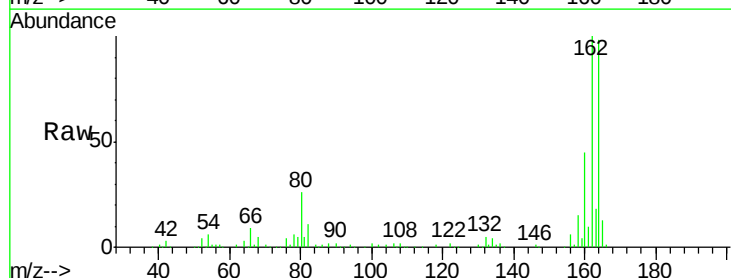


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

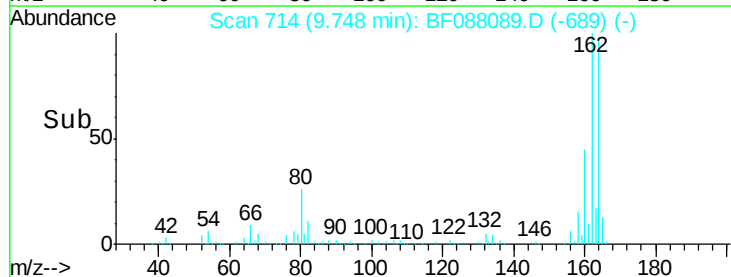
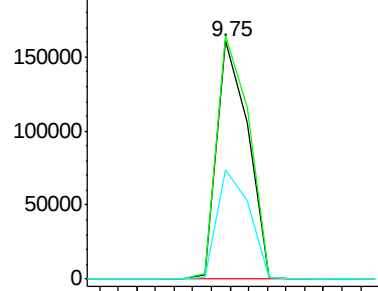


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: BF088089.D
 Acq: 16 Jun 2016 21:45

Tgt Ion:	164	Resp:	185624
Ion Ratio	Lower	Upper	
164	100		
162	102.2	85.4	128.2
160	45.8	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





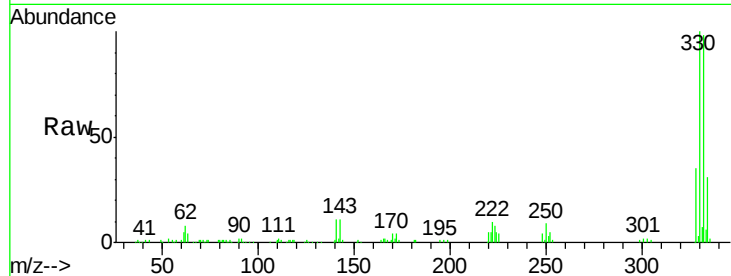
#41
 2,4,6-Tribromophenol
 Concen: 83.62 ng
 RT: 10.55 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF088089.D
 Acq: 16 Jun 2016 21:45

Instrument :
 BNA_F
 ClientSampleId :
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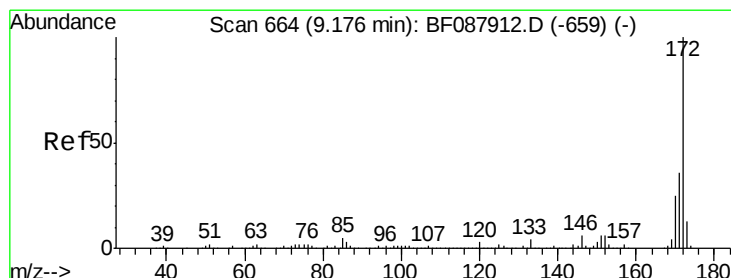
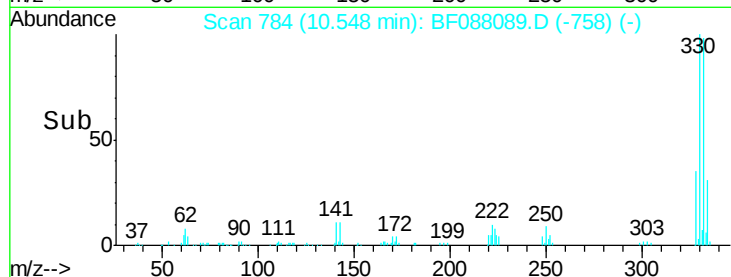
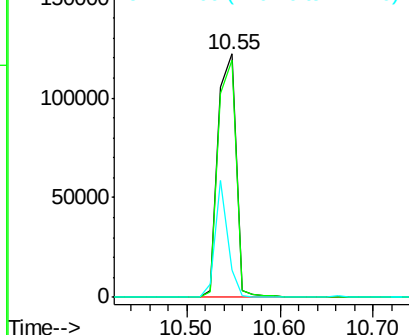
Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	97.2	0.0	0.0#
141	34.3	0.0	0.0#

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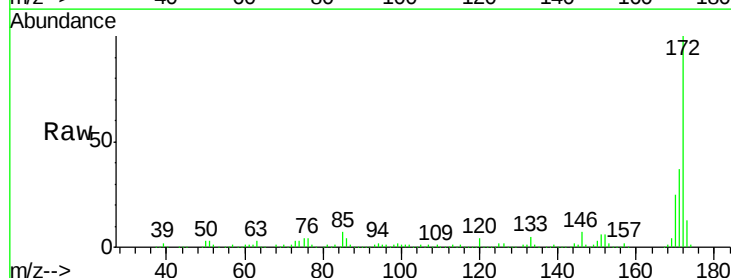


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

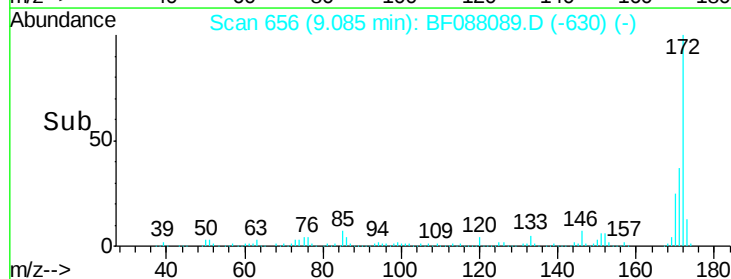
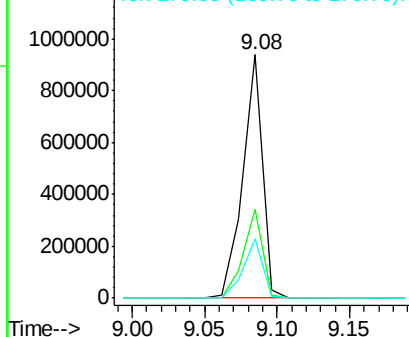


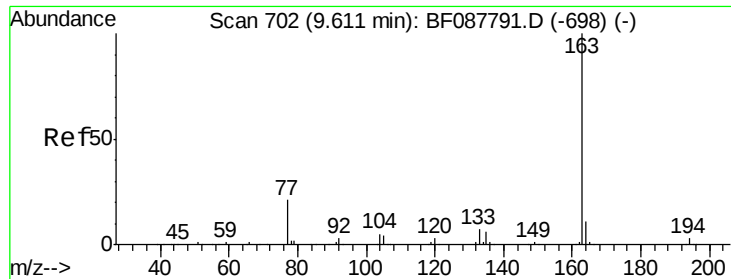
#44
 2-Fluorobiphenyl
 Concen: 73.94 ng
 RT: 9.08 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF088089.D
 Acq: 16 Jun 2016 21:45

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	36.7	28.6	43.0
170	24.6	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





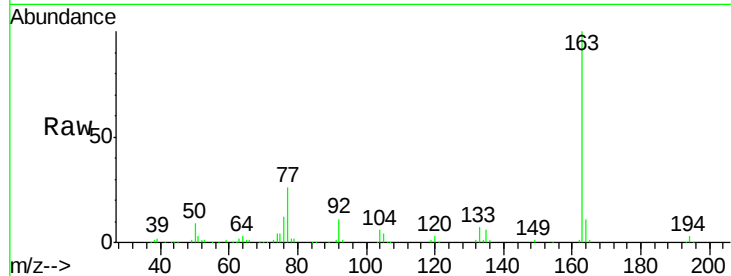
#49
Dimethylphthalate
Concen: 18.64 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF088089.D
Acq: 16 Jun 2016 21:45

Instrument :
BNA_F
ClientSampleId :
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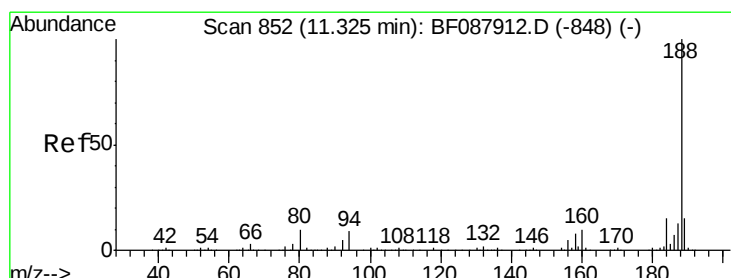
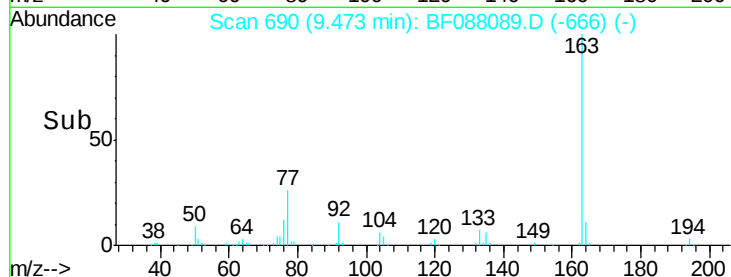
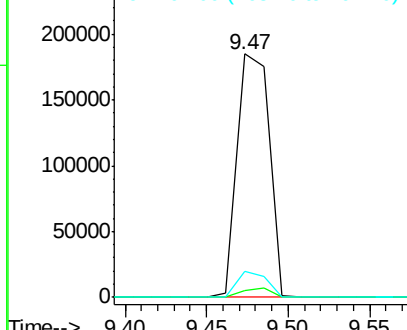
Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		250659		
194	2.9		2.8	4.2	
164	10.7		8.3	12.5	

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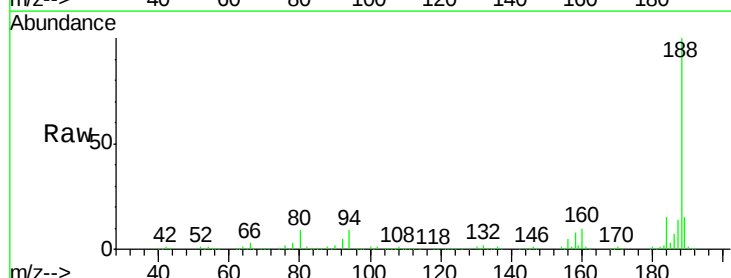


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

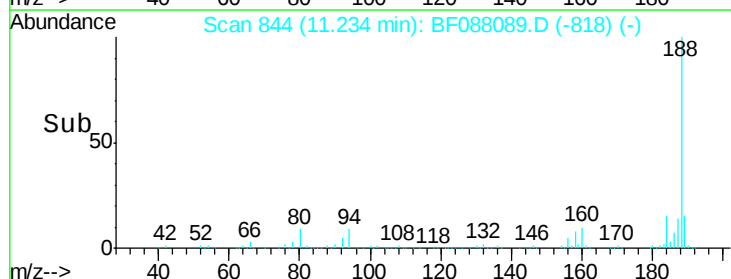
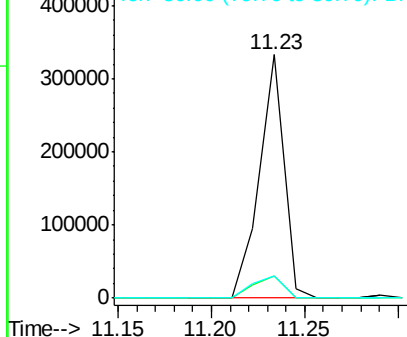


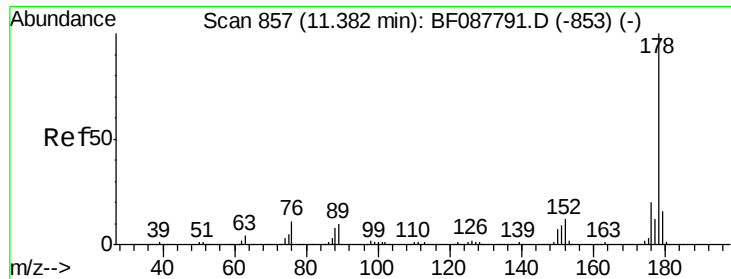
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF088089.D
Acq: 16 Jun 2016 21:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		302584		
94	9.0		9.0	13.6	
80	9.3		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





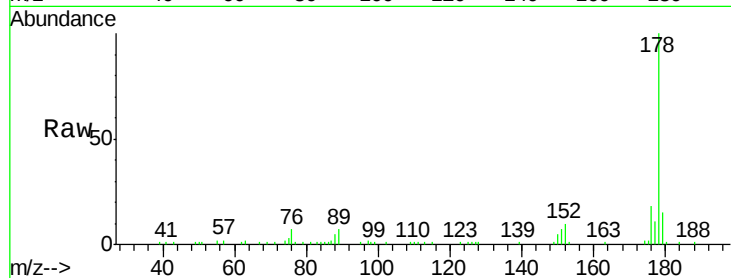
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Phenanthrene
Concen: 3.03 ng
RT: 11.26 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF088089.D
Acq: 16 Jun 2016 21:45

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

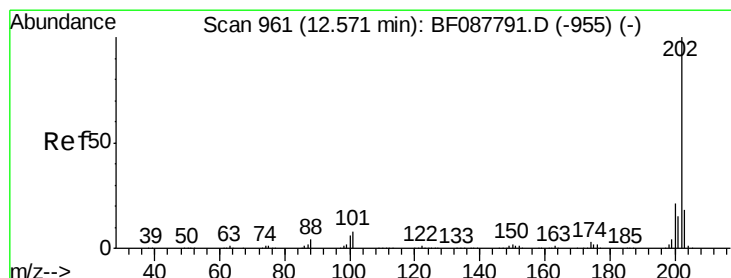
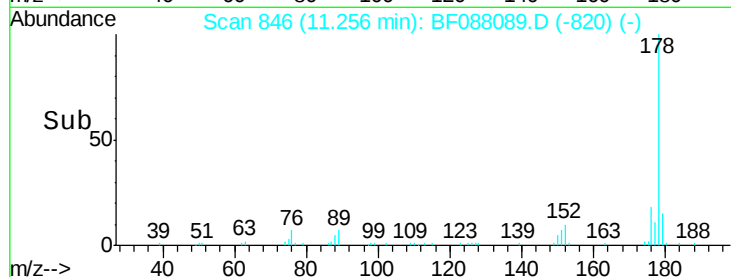
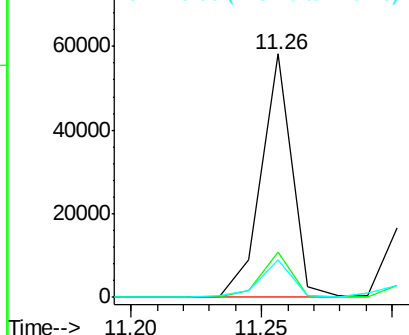
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.6
179	15.2	13.0	19.4

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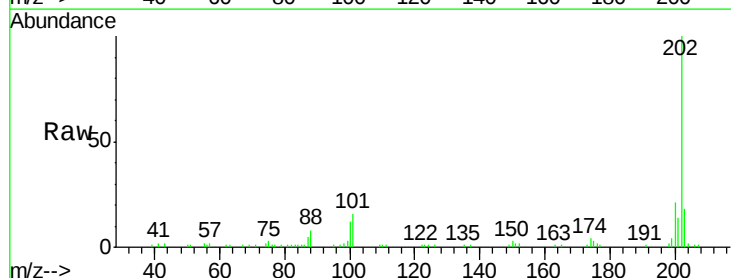


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

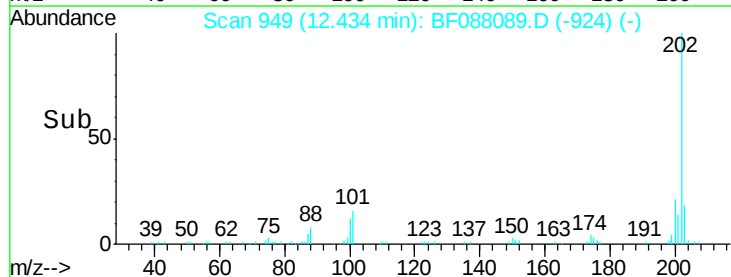
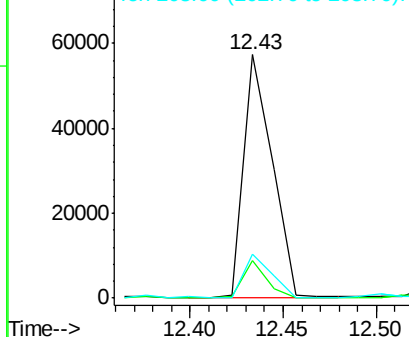


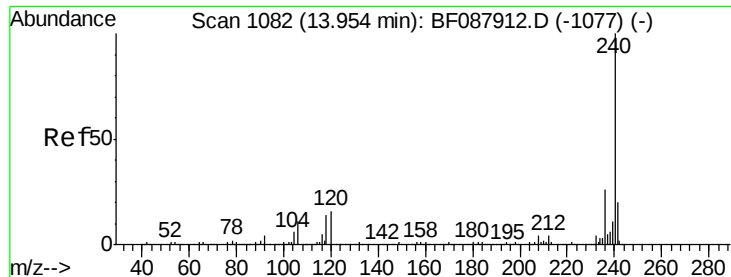
#74
Fluoranthene
Concen: 3.68 ng
RT: 12.43 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF088089.D
Acq: 16 Jun 2016 21:45

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.6	0.0	33.1
203	17.9	0.0	38.1



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 1074

Delta R.T. 0.00 min

Lab File: BF088089.D

Acq: 16 Jun 2016 21:45

Instrument :

BNA_F

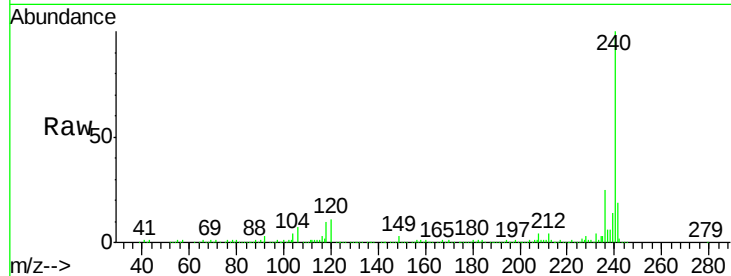
ClientSampleId :

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Tot Ion:	240	Resp:	224661
Ion Ratio	Lower	Upper	
240	100		
120	11.4	6.8	10.2#
236	25.4	20.2	30.2

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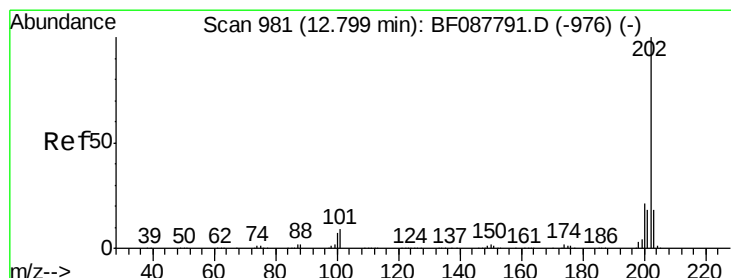
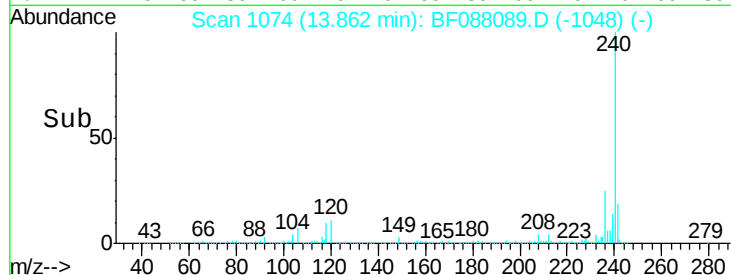
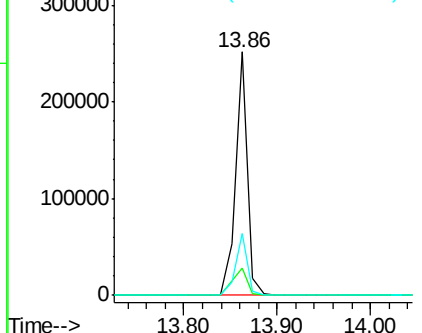
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 3.88 ng

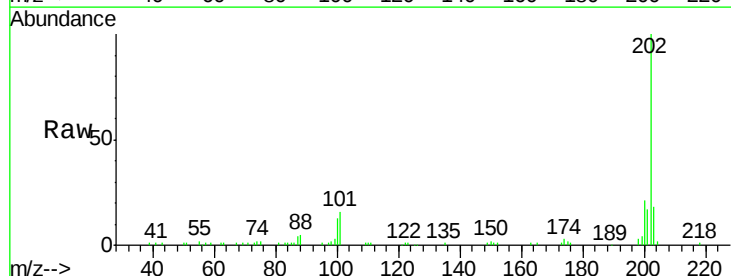
RT: 12.66 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF088089.D

Acq: 16 Jun 2016 21:45

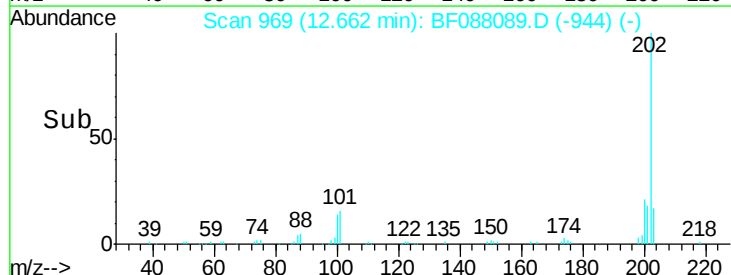
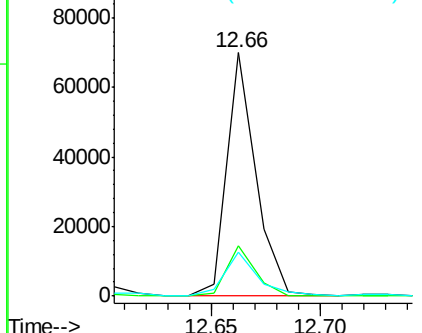
Tgt Ion:	202	Resp:	64760
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.4	26.2
203	17.9	14.5	21.7

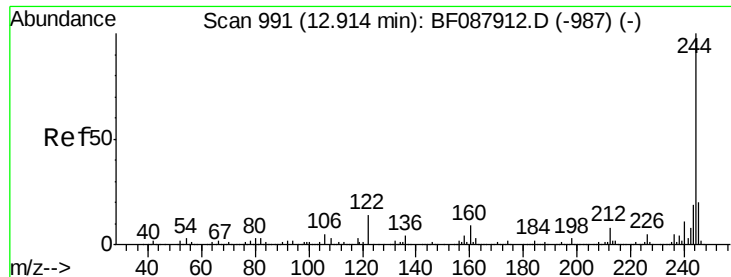


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





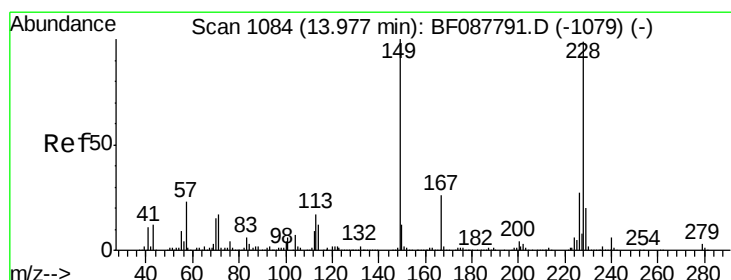
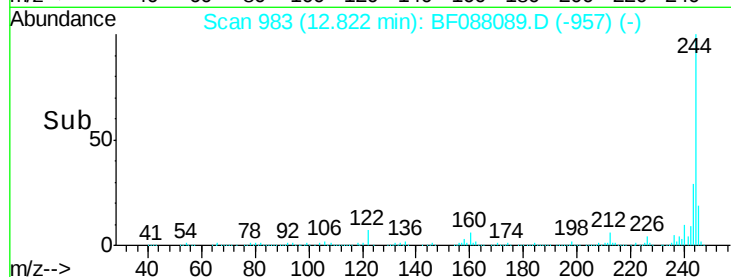
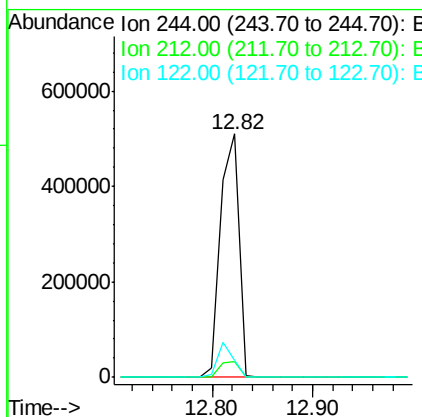
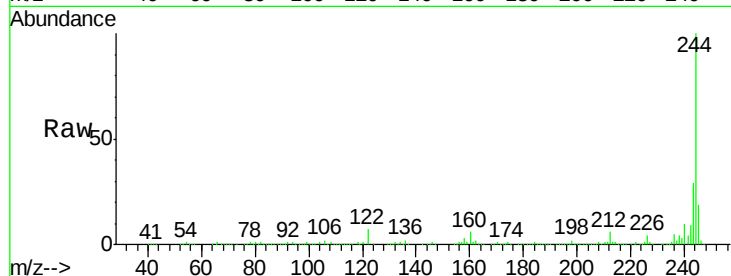
#78
 Terphenyl-d14
 Concen: 66.09 ng
 RT: 12.82 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: BF088089.D
 Acq: 16 Jun 2016 21:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.0	9.0
122	7.2	11.2	16.8#

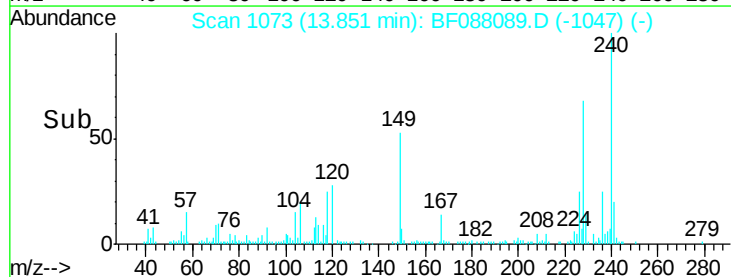
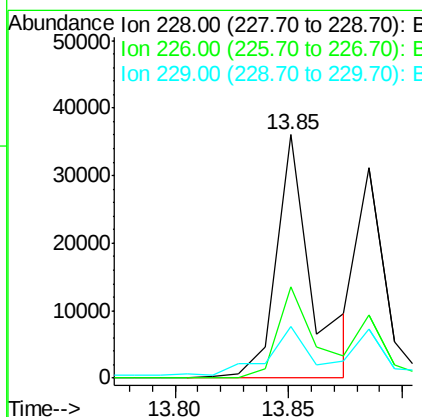
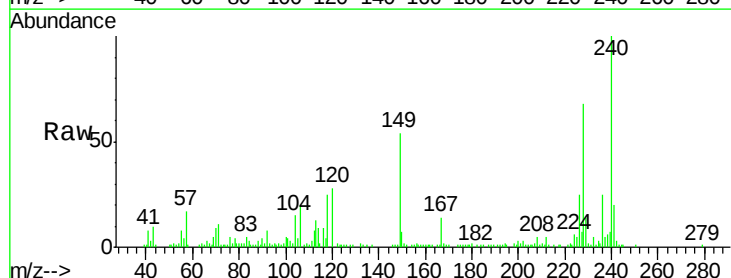
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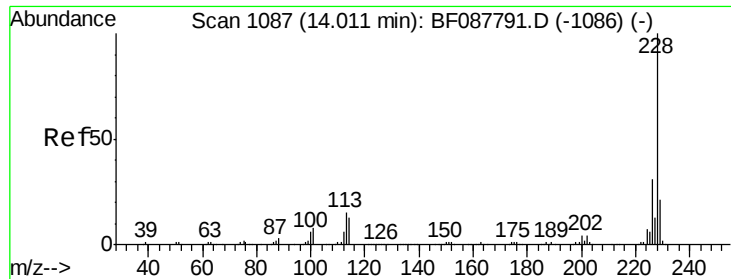
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#80
 Benzo(a)anthracene
 Concen: 3.08 ng m
 RT: 13.85 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: BF088089.D
 Acq: 16 Jun 2016 21:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	37.4	22.3	33.5#
229	21.3	16.0	24.0





#82

Chrysene

Concen: 2.17 ng

RT: 13.89 min Scan# 1076

Delta R.T. -0.01 min

Lab File: BF088089.D

Acq: 16 Jun 2016 21:45

Instrument :

BNA_F

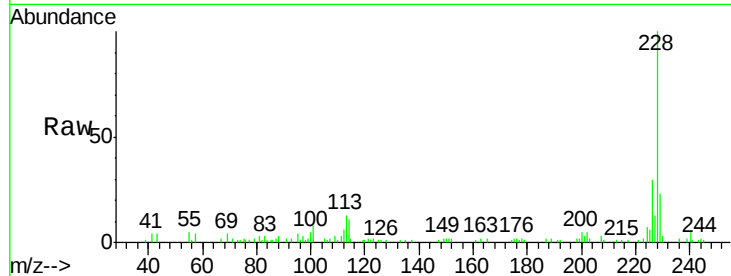
ClientSampleId :

SB-01-COMP

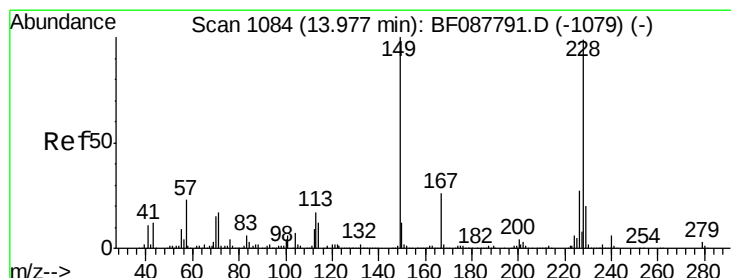
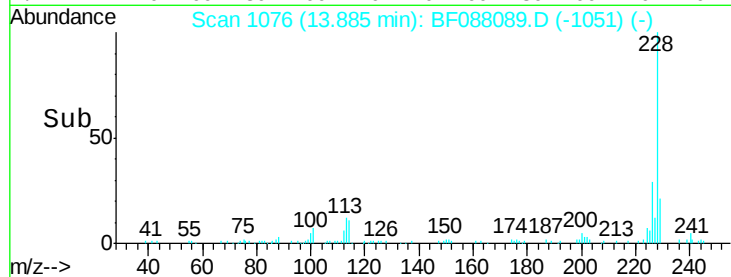
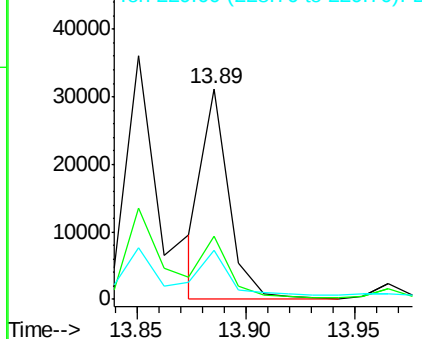
Tot Ion:	228	Resp:	26141
Ion Ratio	Lower	Upper	
228	100		
226	30.2	25.4	38.2
229	23.2	16.3	24.5

Manual Integrations
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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



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.00 ng

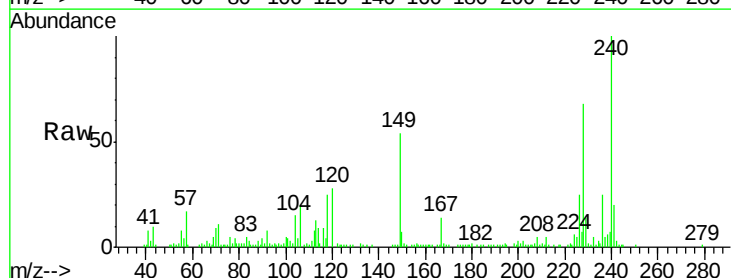
RT: 13.85 min Scan# 1073

Delta R.T. 0.00 min

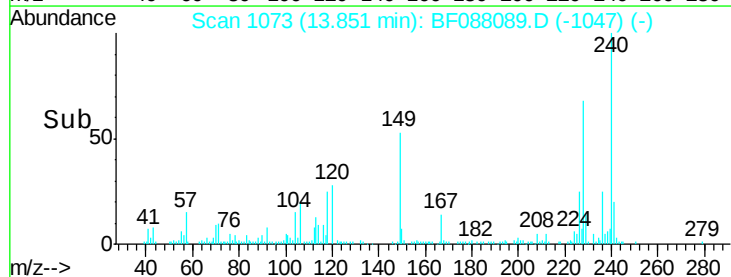
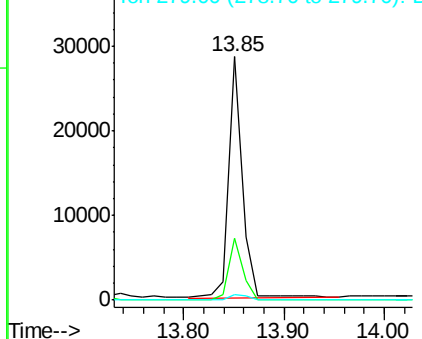
Lab File: BF088089.D

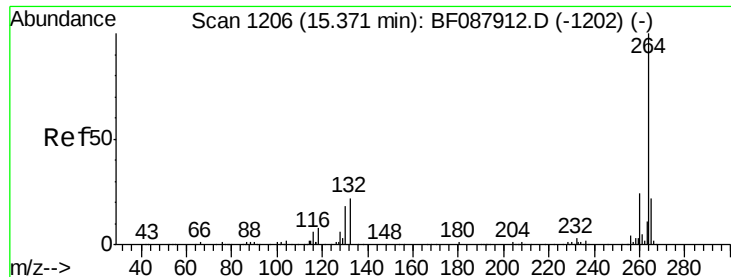
Acq: 16 Jun 2016 21:45

Tgt Ion:	149	Resp:	26899
Ion Ratio	Lower	Upper	
149	100		
167	25.7	20.5	30.7
279	2.4	2.0	3.0



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





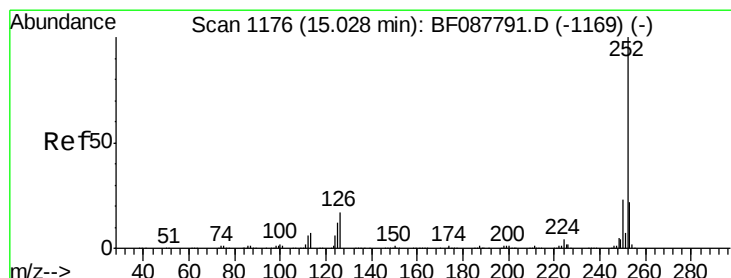
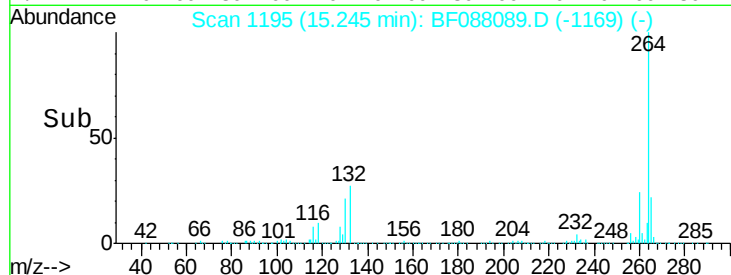
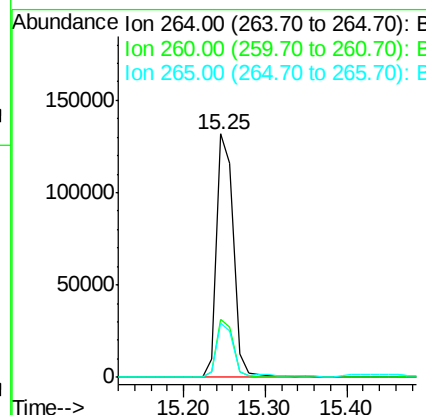
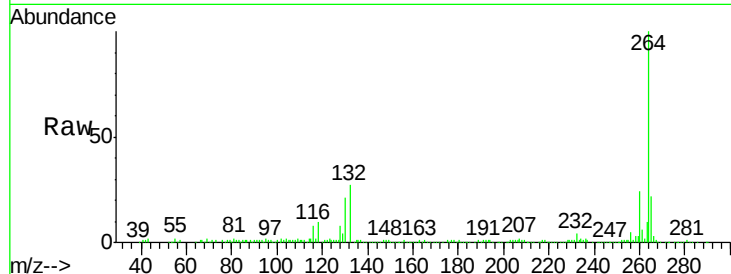
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BF088089.D
Acq: 16 Jun 2016 21:45

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.1	16.9	25.3

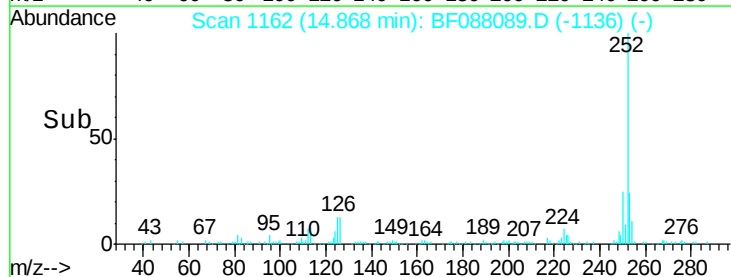
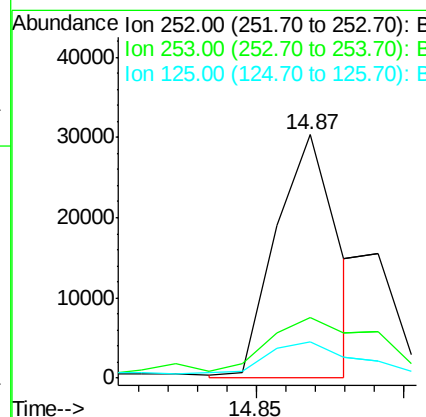
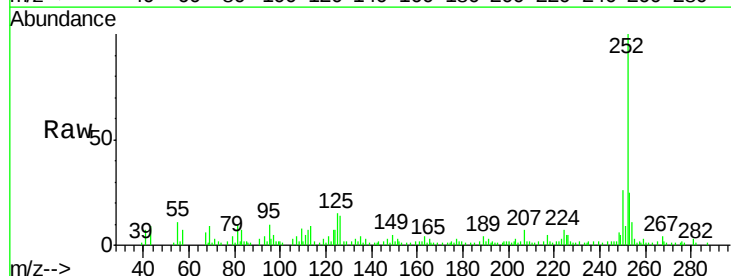
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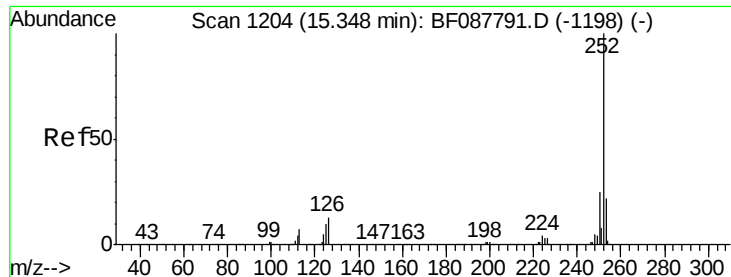
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#87
Benzo(b)fluoranthene
Concen: 3.34 ng m
RT: 14.87 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BF088089.D
Acq: 16 Jun 2016 21:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.4	26.2
125	14.8	7.1	10.7#





#89
 Benzo(a)pyrene
 Concen: 3.01 ng
 RT: 15.20 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF088089.D
 Acq: 16 Jun 2016 21:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Tot Ion:	252	Resp:	32625
Ion Ratio		Lower	Upper
252	100		
253	24.5	17.9	26.9
125	13.0	12.5	18.7

Manual Integrations
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