

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
 Data File : BF088266.D
 Acq On : 22 Jun 2016 23:12
 Operator : UM/SJ
 Sample : H3660-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(0-6)

Manual Integrations
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Quant Time: Jun 23 11:31:17 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	81231	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	335891	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	146953	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	227310	20.00	ng	0.00
75) Chrysene-d12	13.75	240	169632	20.00	ng	0.00
86) Perylene-d12	15.11	264	160274	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	510532	107.44	ng	0.01
7) Phenol-d6	6.26	99	609430	105.83	ng	0.00
23) Nitrobenzene-d5	7.18	82	384562	66.86	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	119764	77.18	ng	-0.01
44) 2-Fluorobiphenyl	8.97	172	681562	72.01	ng	0.00
78) Terphenyl-d14	12.70	244	448892	60.22	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.37	163	137355	12.90	ng	99
74) Fluoranthene	12.32	202	50028	3.97	ng	96
77) Pyrene	12.55	202	48017	3.81	ng	98
80) Benzo(a)anthracene	13.74	228	22179m	2.29	ng	
82) Chrysene	13.77	228	18904	2.08	ng	99
87) Benzo(b)fluoranthene	14.74	252	34488m	3.09	ng	
89) Benzo(a)pyrene	15.06	252	21774	2.41	ng	# 92

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

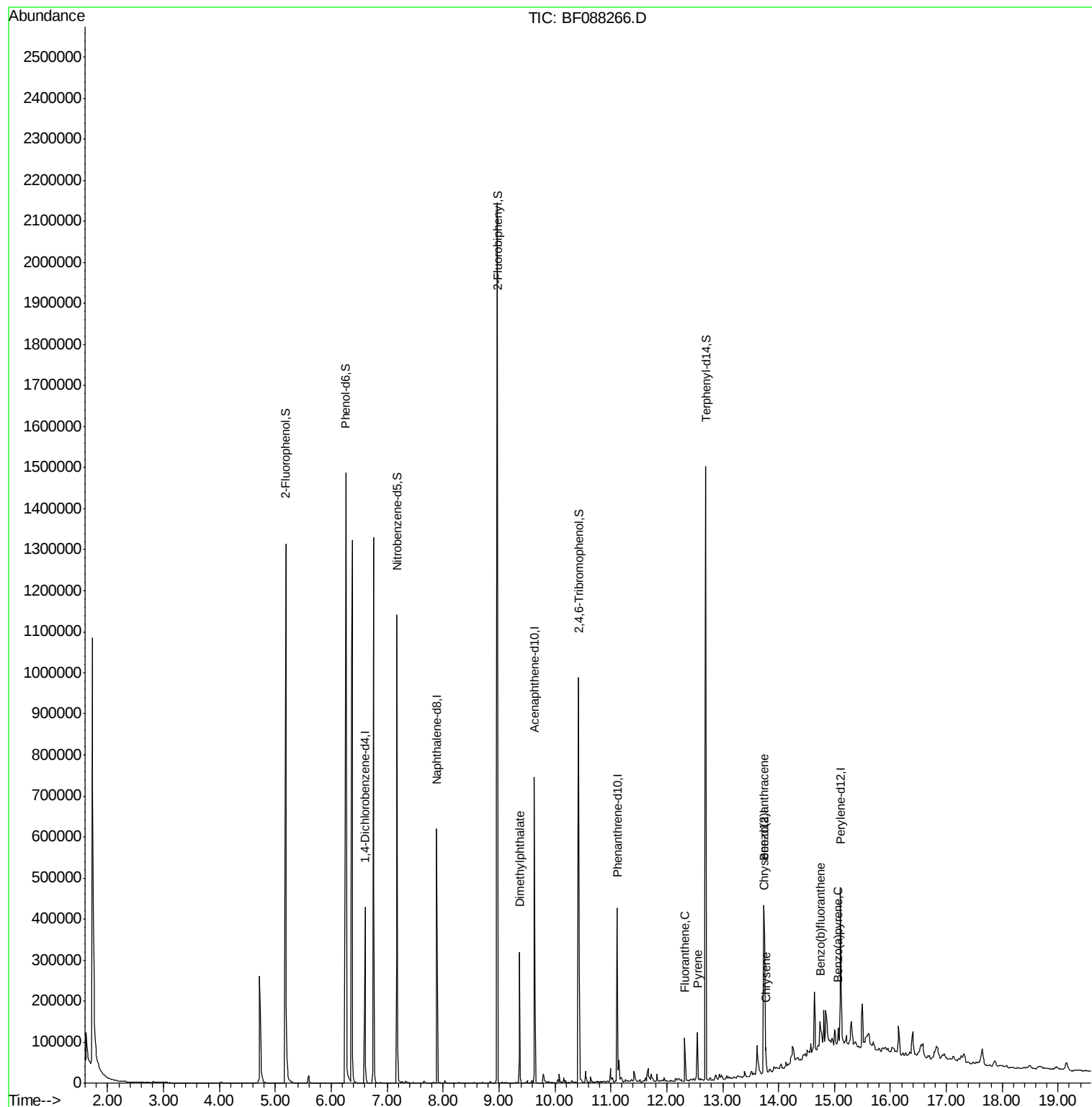
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
Data File : BF088266.D
Acq On : 22 Jun 2016 23:12
Operator : UM/SJ
Sample : H3660-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

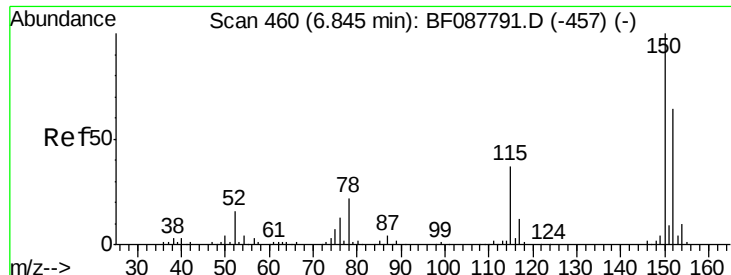
Instrument :
BNA_F
ClientSampleId :
SB-3(0-6)

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Quant Time: Jun 23 11:31:17 2016
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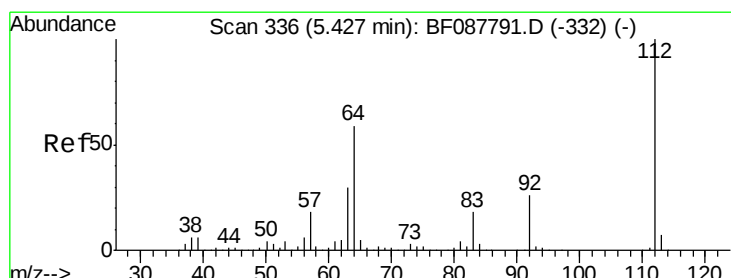
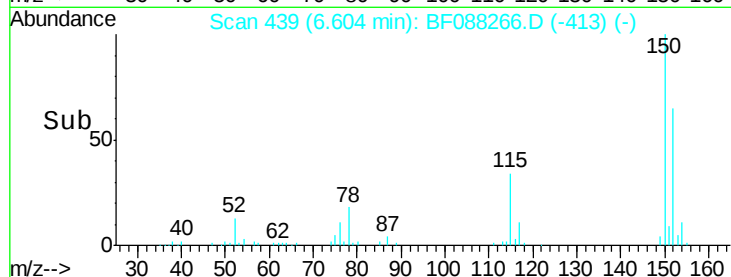
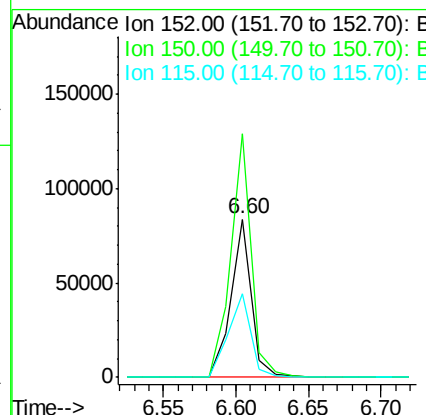
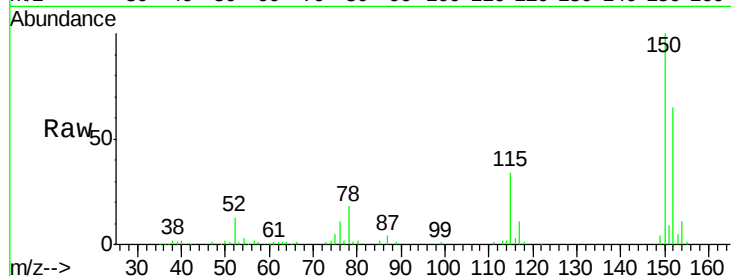
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.60 min Scan# 439
 Delta R.T. 0.00 min
 Lab File: BF088266.D
 Acq: 22 Jun 2016 23:12

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(0-6)

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	123.8	185.6
115	52.8	39.6	59.4

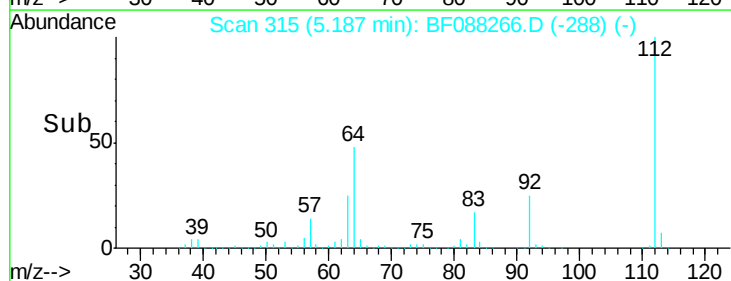
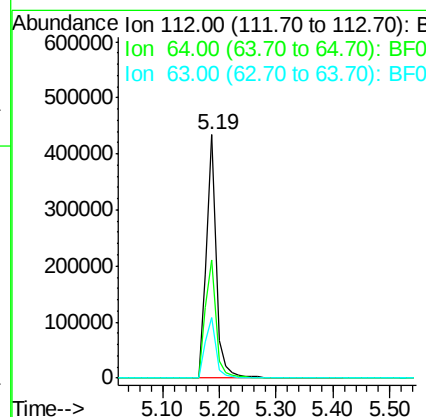
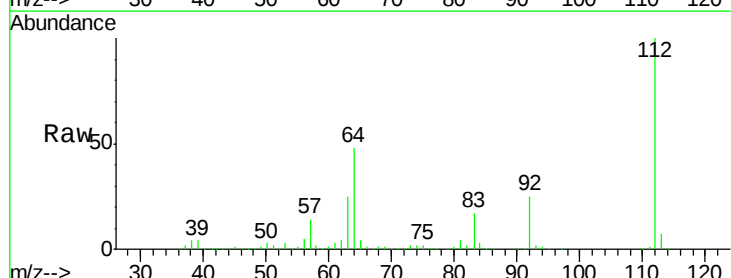
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#5
 2-Fluorophenol
 Concen: 107.44 ng
 RT: 5.19 min Scan# 315
 Delta R.T. 0.01 min
 Lab File: BF088266.D
 Acq: 22 Jun 2016 23:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.5	42.2	63.2
63	24.7	21.8	32.8





#7

Phenol-d6

Concen: 105.83 ng

RT: 6.26 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF088266.D

Acq: 22 Jun 2016 23:12

Instrument :

BNA_F

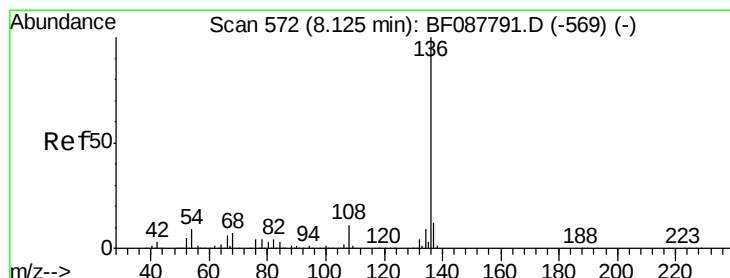
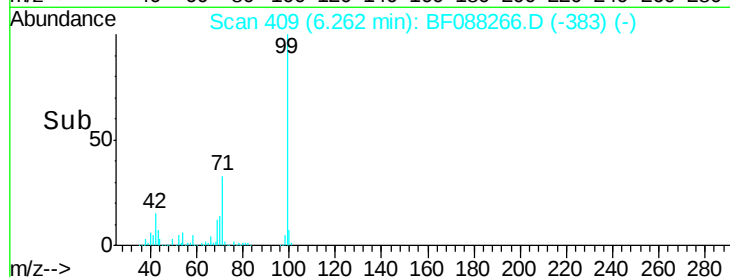
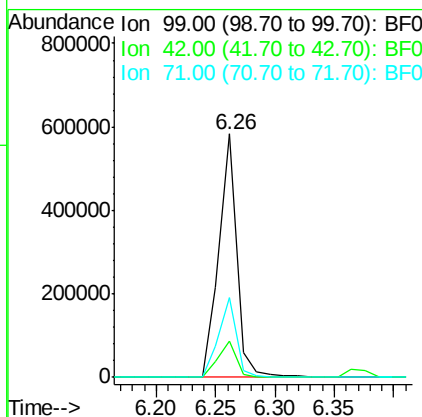
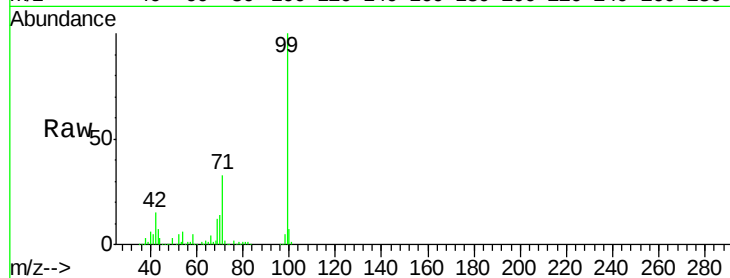
ClientSampleId :

SB-3(0-6)

Tot Ion:	99	Resp:	609430
Ion	Ratio	Lower	Upper
99	100		
42	14.7	12.2	18.2
71	32.9	23.4	35.0

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#21

Naphthalene-d8

Concen: 20.00 ng

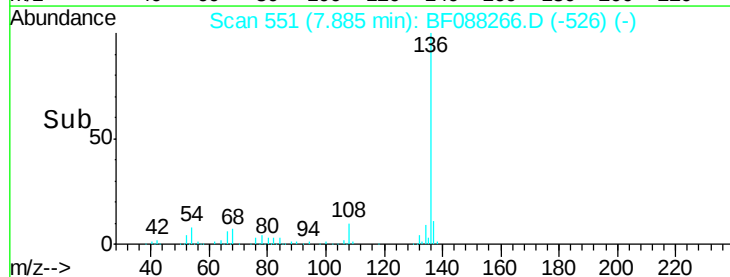
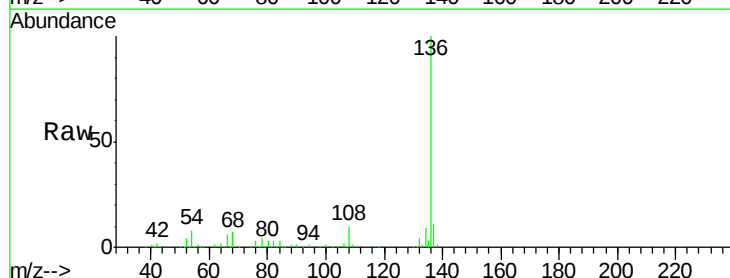
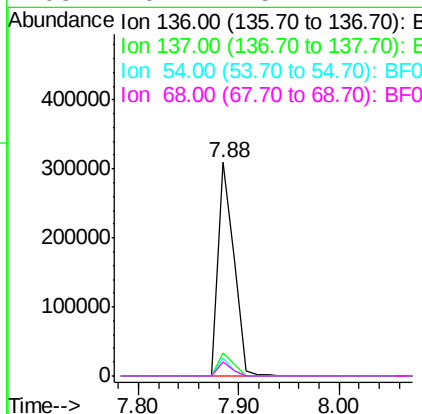
RT: 7.88 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF088266.D

Acq: 22 Jun 2016 23:12

Tgt Ion:	136	Resp:	335891
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	8.1	6.6	10.0
68	6.7	5.1	7.7





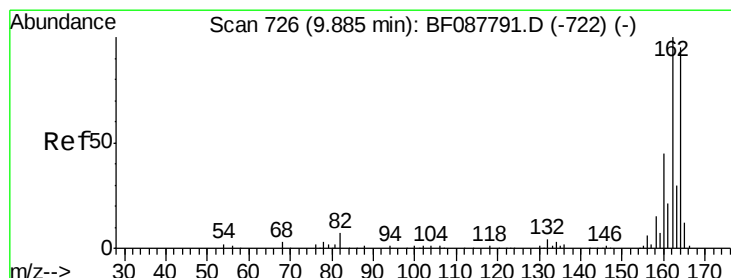
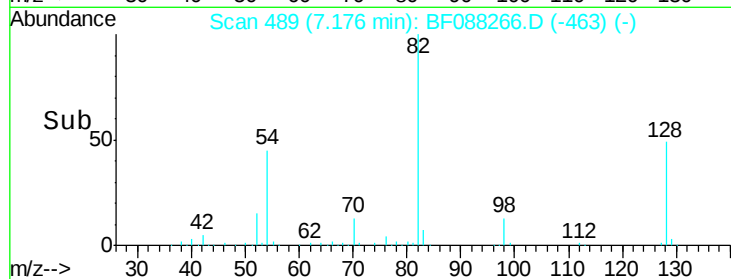
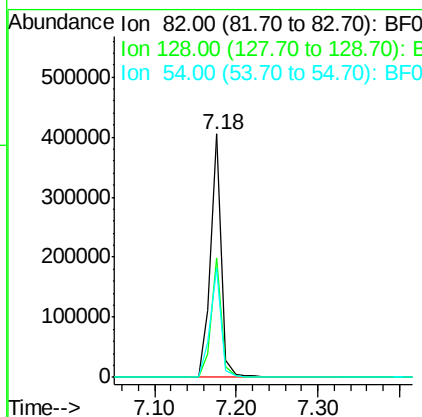
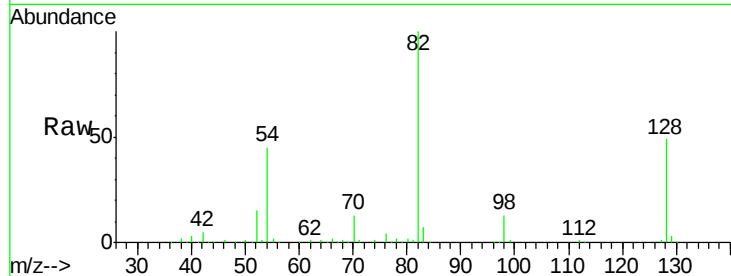
#23
 Nitrobenzene-d5
 Concen: 66.86 ng
 RT: 7.18 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF088266.D
 Acq: 22 Jun 2016 23:12

Instrument :
 BNA_F
 ClientSampled :
 SB-3(0-6)

Tot Ion	82	Resp	384562
Ion Ratio	100	Lower	Upper
82	100		
128	48.9	35.9	53.9
54	45.1	40.9	61.3

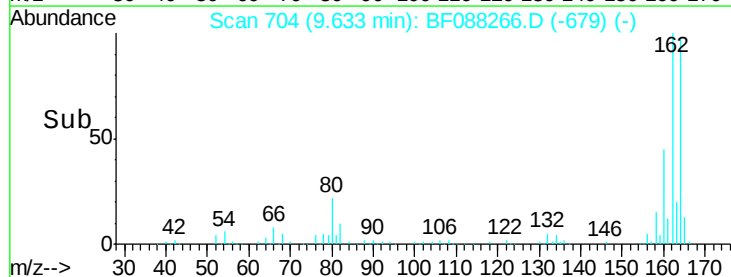
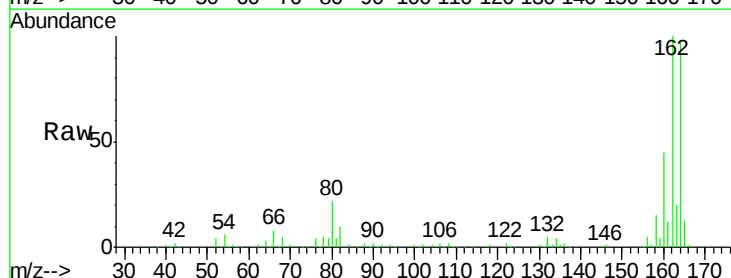
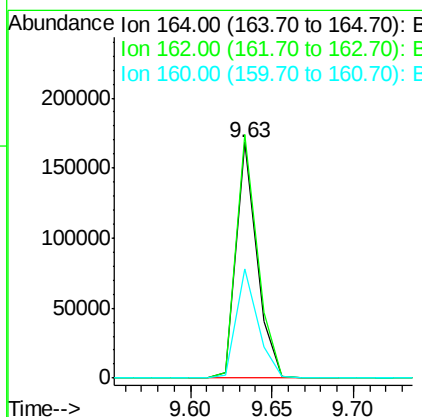
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: BF088266.D
 Acq: 22 Jun 2016 23:12

Tgt Ion	164	Resp	146953
Ion Ratio	100	Lower	Upper
164	100		
162	103.3	85.4	128.2
160	46.1	39.5	59.3





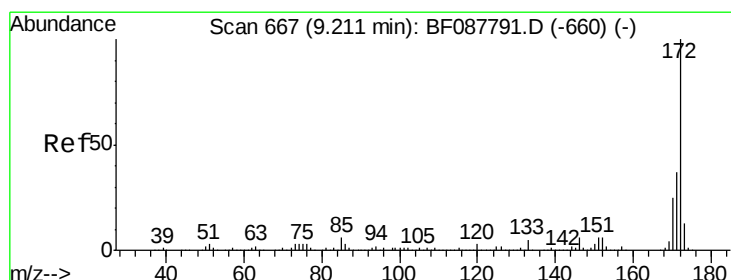
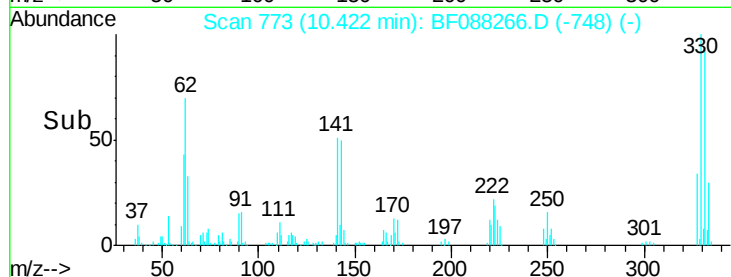
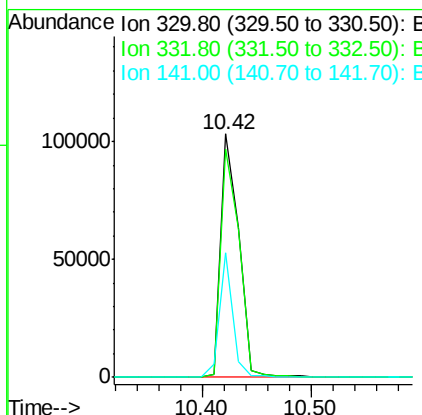
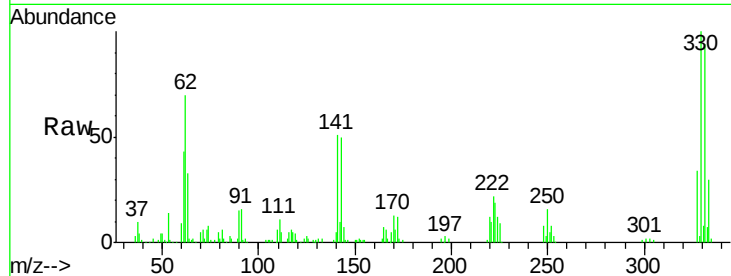
#41
 2,4,6-Tribromophenol
 Concen: 77.18 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF088266.D
 Acq: 22 Jun 2016 23:12

Instrument :
 BNA_F
 ClientSampled :
 SB-3(0-6)

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	38.6	0.0	0.0#

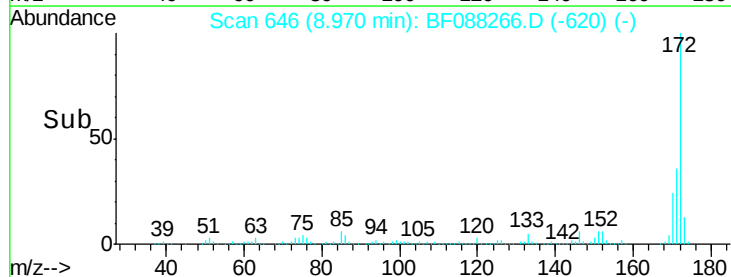
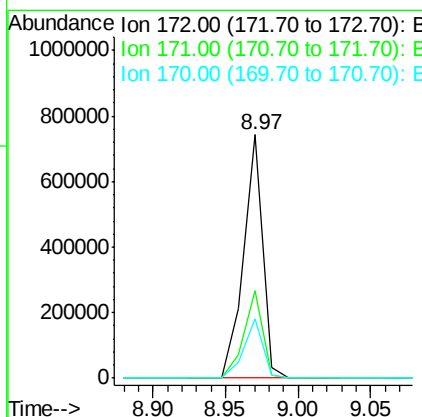
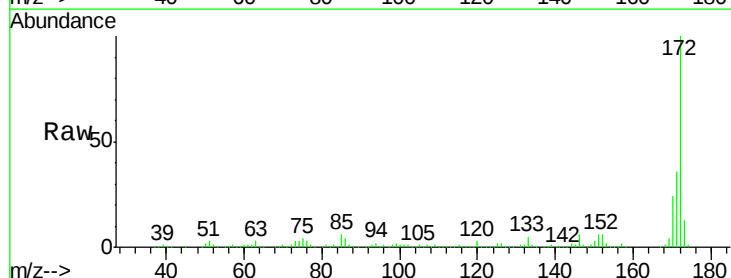
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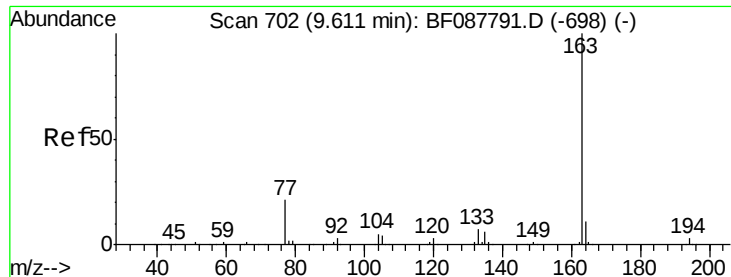
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#44
 2-Fluorobiphenyl
 Concen: 72.01 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF088266.D
 Acq: 22 Jun 2016 23:12

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	35.9	28.6	43.0
170	24.4	19.2	28.8





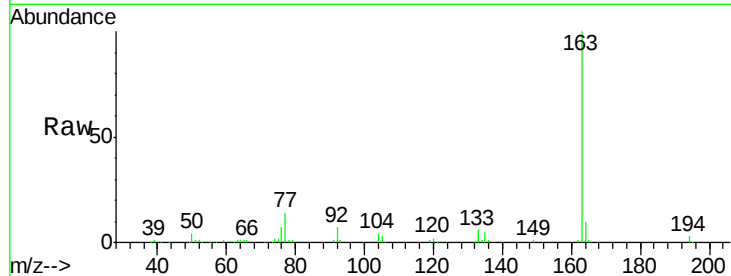
#49
Dimethylphthalate
Concen: 12.90 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF088266.D
Acq: 22 Jun 2016 23:12

Instrument :
BNA_F
ClientSampleId :
SB-3(0-6)

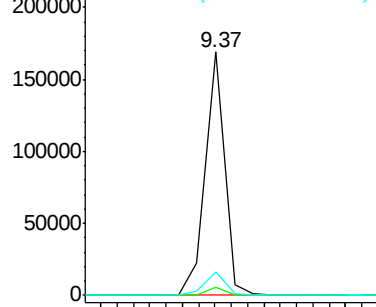
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.8	4.2
164	9.8	8.3	12.5

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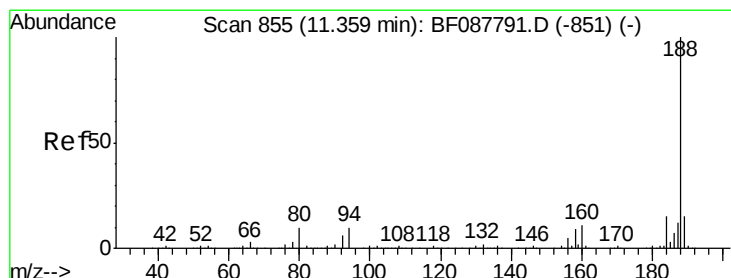
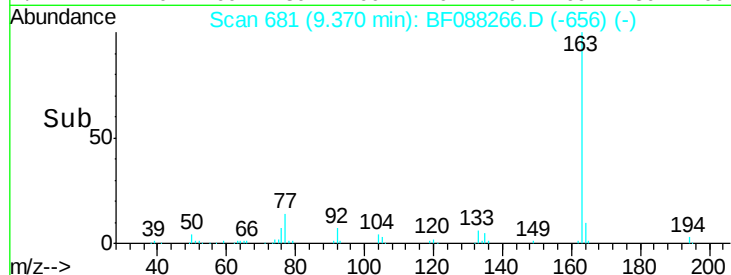
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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

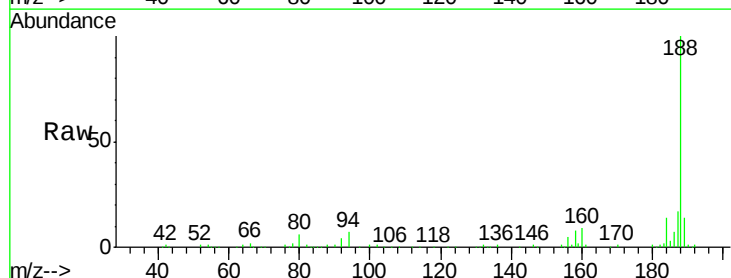


Time--> 9.30 9.35 9.40 9.45

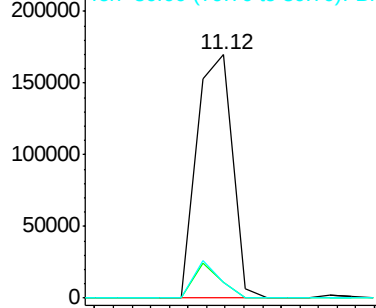


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF088266.D
Acq: 22 Jun 2016 23:12

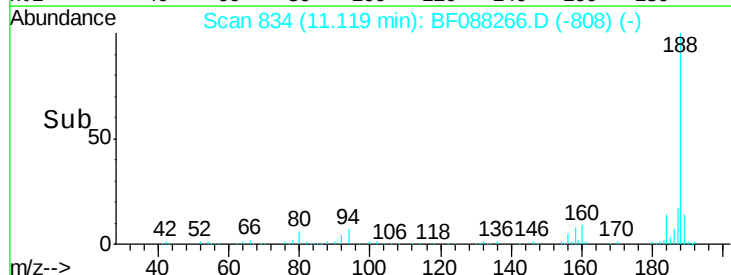
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.5	9.0	13.6#
80	6.4	10.0	15.0#

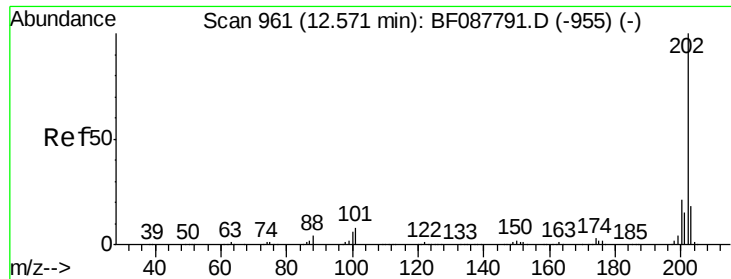


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0



Time--> 11.05 11.10 11.15





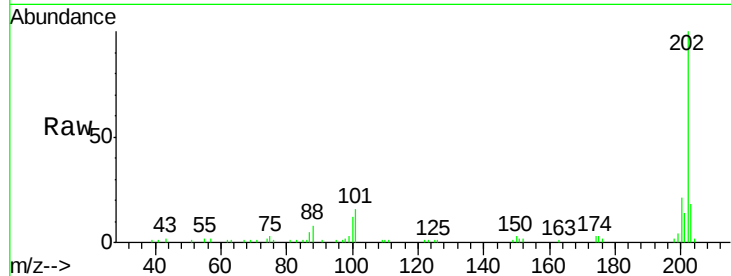
#74
Fluoranthene
Concen: 3.97 ng
RT: 12.32 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF088266.D
Acq: 22 Jun 2016 23:12

Instrument :
BNA_F
ClientSampled :
SB-3(0-6)

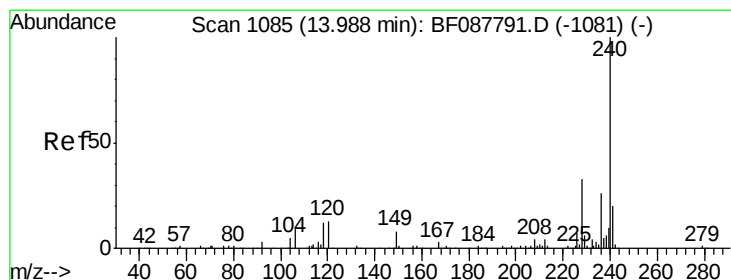
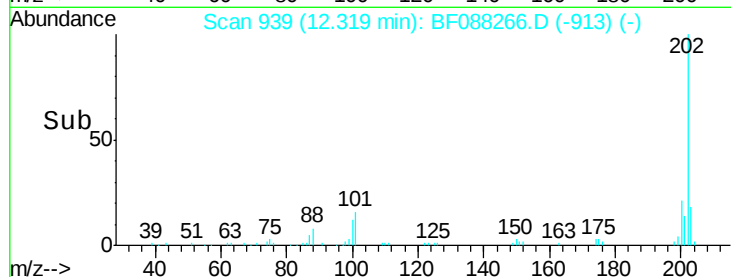
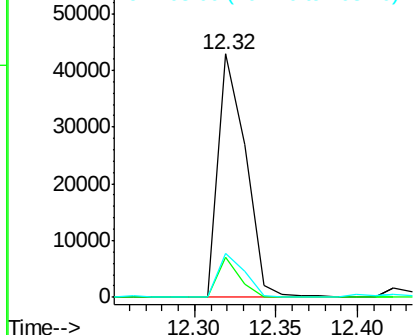
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	16.4	0.0	33.1
203	17.9	0.0	38.1

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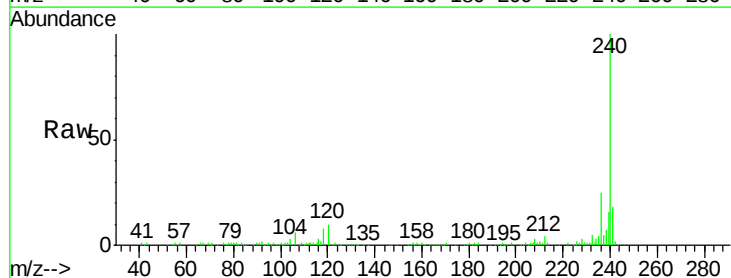


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

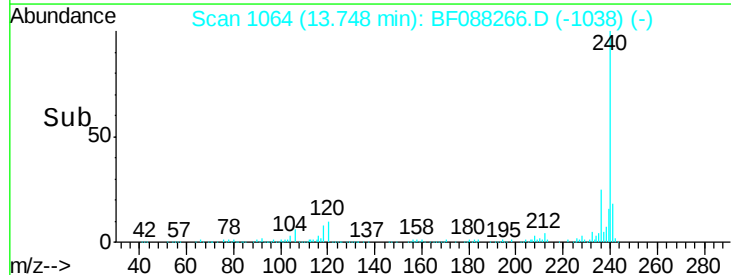
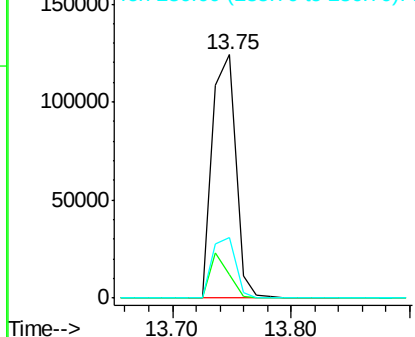


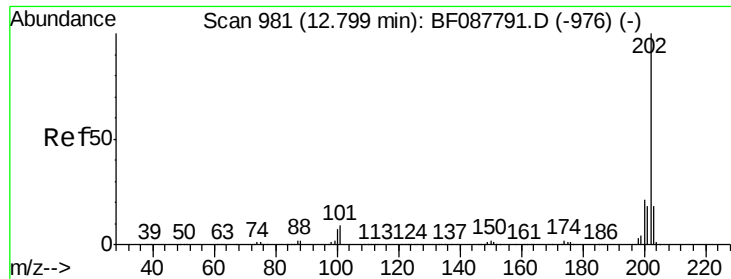
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF088266.D
Acq: 22 Jun 2016 23:12

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.6	6.8	10.2
236	24.9	20.2	30.2



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





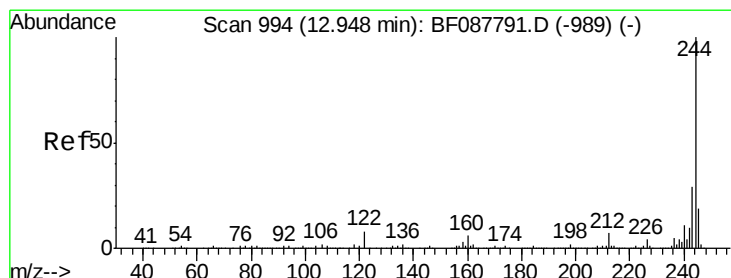
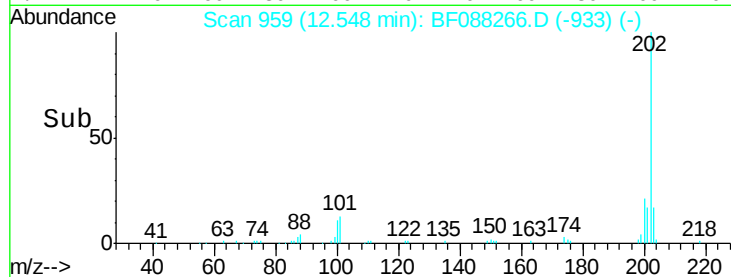
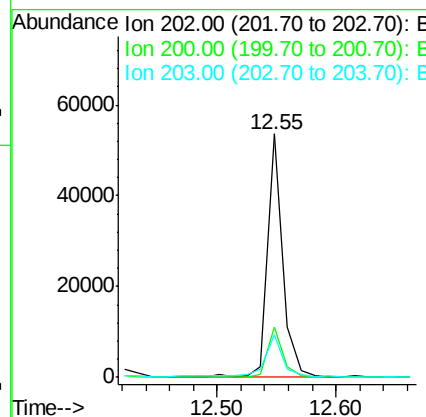
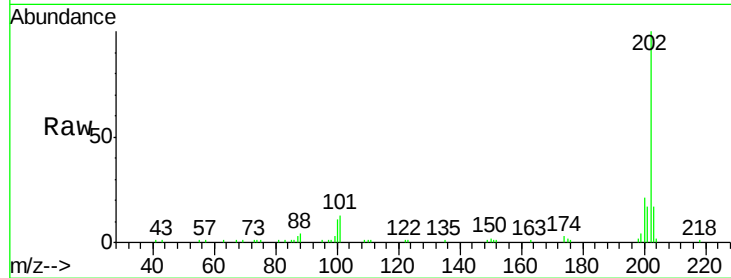
#77
Pvrene
Concen: 3.81 ng
RT: 12.55 min Scan# 959
Delta R.T. 0.00 min
Lab File: BF088266.D
Acq: 22 Jun 2016 23:12

Instrument :
BNA_F
ClientSampleId :
SB-3(0-6)

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.4	26.2
203	17.3	14.5	21.7

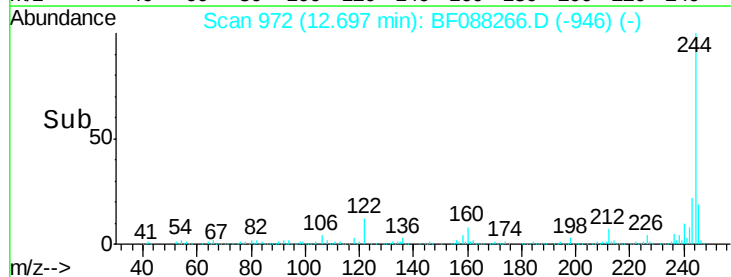
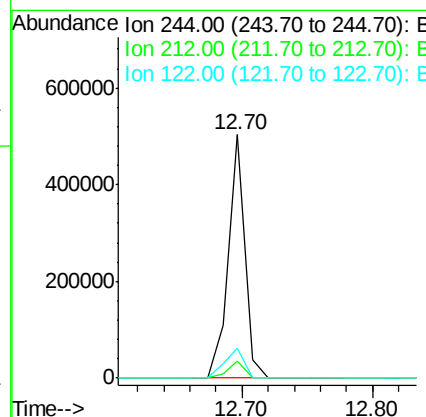
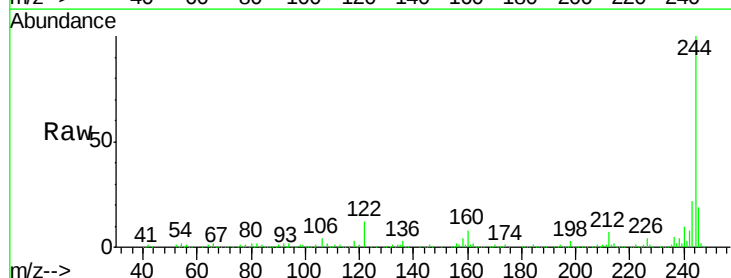
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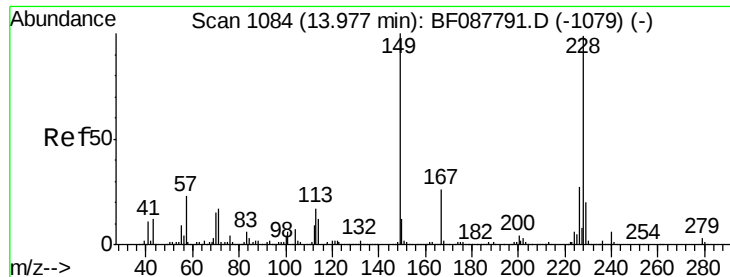
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#78
Terphenyl-d14
Concen: 60.22 ng
RT: 12.70 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF088266.D
Acq: 22 Jun 2016 23:12

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	12.5	11.2	16.8





#80

Benzo(a)anthracene

Concen: 2.29 ng

RT: 13.74 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BF088266.D

Acq: 22 Jun 2016 23:12

Instrument :

BNA_F

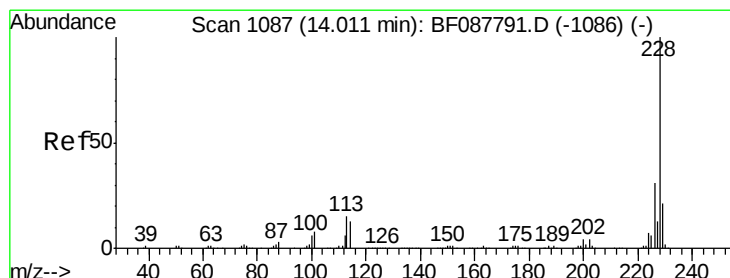
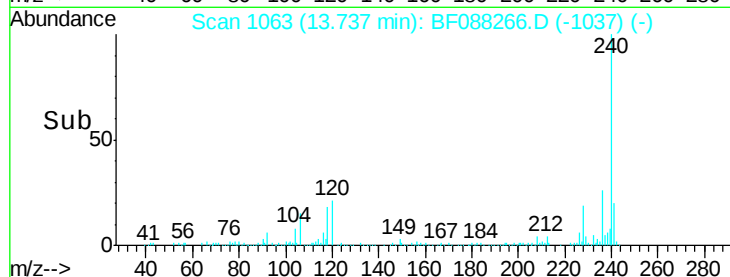
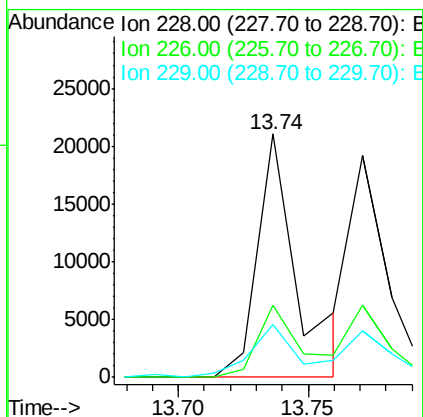
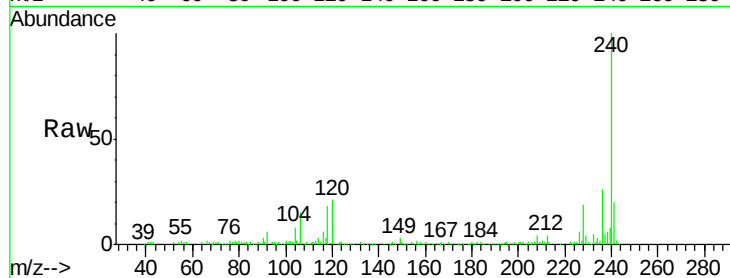
ClientSampleId :

SB-3(0-6)

Tot Ion:	228	Resp:	22179
Ion Ratio	Lower	Upper	
228	100		
226	29.7	22.3	33.5
229	21.8	16.0	24.0

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#82

Chrysene

Concen: 2.08 ng

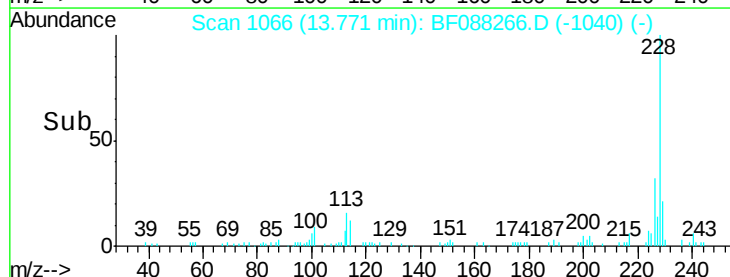
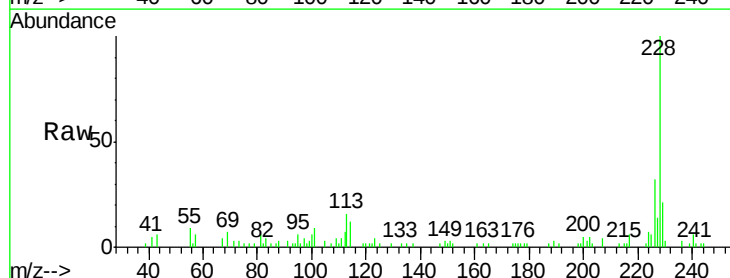
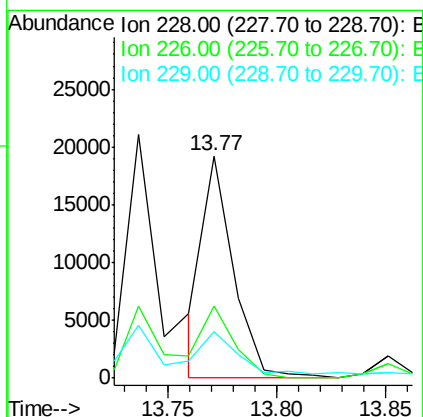
RT: 13.77 min Scan# 1066

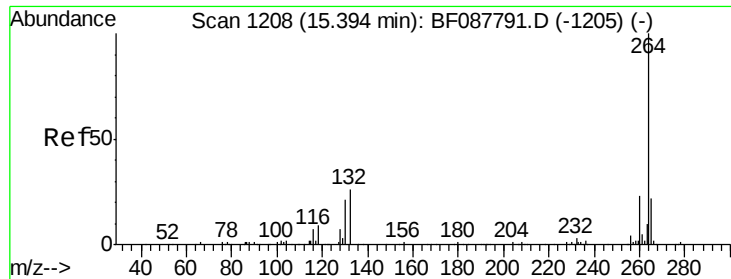
Delta R.T. 0.00 min

Lab File: BF088266.D

Acq: 22 Jun 2016 23:12

Tgt Ion:	228	Resp:	18904
Ion Ratio	Lower	Upper	
228	100		
226	32.3	25.4	38.2
229	21.0	16.3	24.5





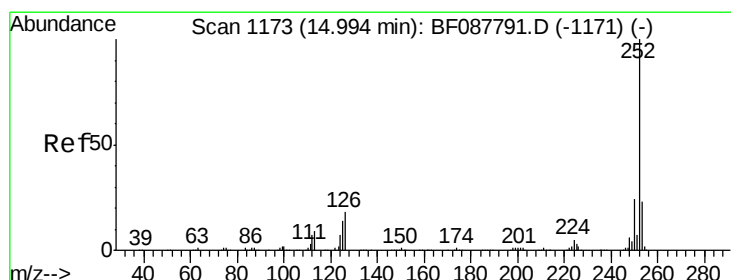
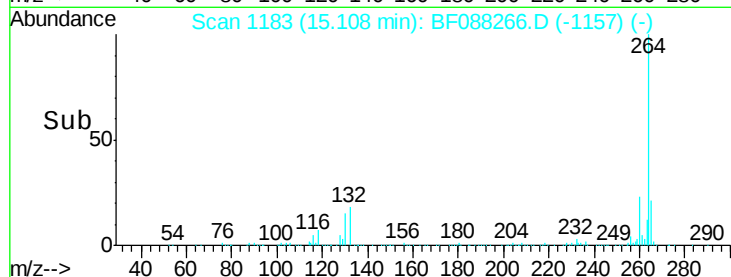
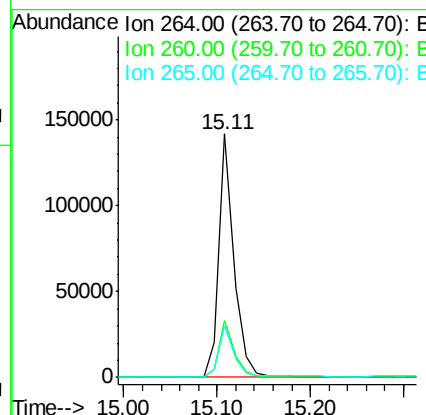
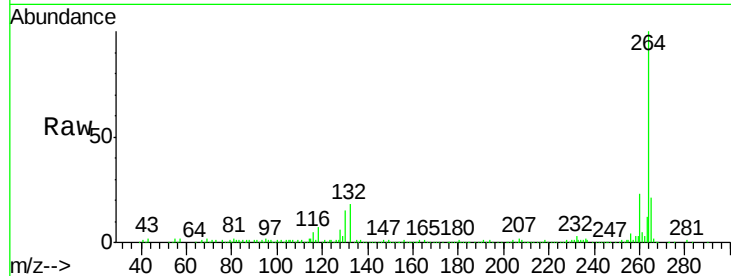
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF088266.D
Acq: 22 Jun 2016 23:12

Instrument :
BNA_F
ClientSampleId :
SB-3(0-6)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.4	16.9	25.3

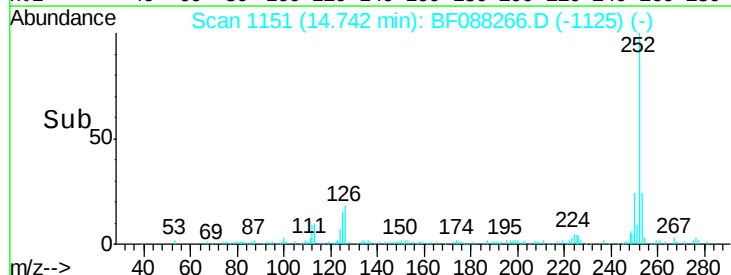
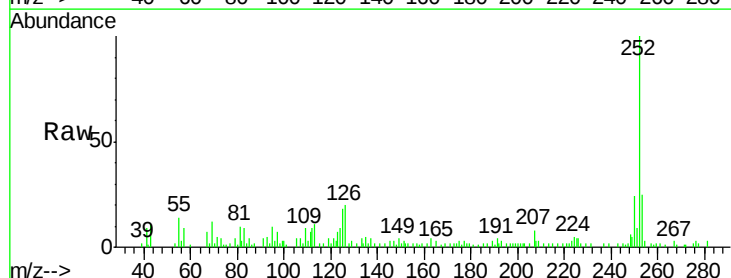
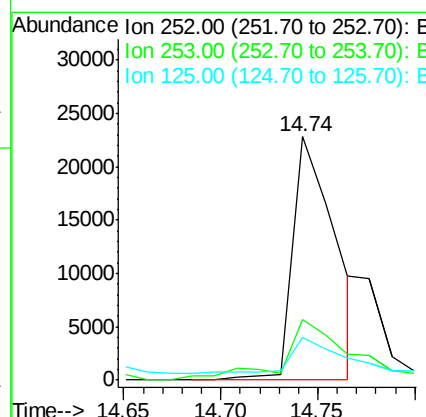
Manual Integrations
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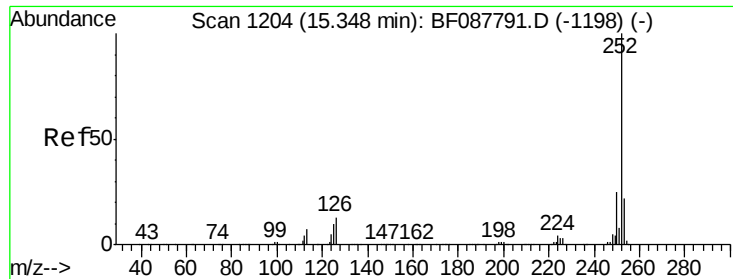
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#87
Benzo(b)fluoranthene
Concen: 3.09 ng m
RT: 14.74 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF088266.D
Acq: 22 Jun 2016 23:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.4	26.2
125	17.7	7.1	10.7#





#89

Benzo(a)pyrene

Concen: 2.41 ng

RT: 15.06 min Scan# 1179

Delta R.T. 0.01 min

Lab File: BF088266.D

Acq: 22 Jun 2016 23:12

Instrument :

BNA_F

ClientSampleId :

SB-3(0-6)

Tot Ion:	252	Resp:	21774
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.9	26.9
125	21.8	12.5	18.7

Manual Integrations
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