

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
 Data File : BF088270.D
 Acq On : 23 Jun 2016 1:08
 Operator : UM/SJ
 Sample : H3514-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S5-B1(0-5)C

Manual Integrations
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Quant Time: Jun 23 11:41:05 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	83533	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	314446	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	129468	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	186120	20.00	ng	0.00
75) Chrysene-d12	13.75	240	158611	20.00	ng	0.00
86) Perylene-d12	15.12	264	105081	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	656978	134.45	ng	0.01
7) Phenol-d6	6.26	99	872581	147.35	ng	0.00
23) Nitrobenzene-d5	7.18	82	468809	87.06	ng	0.00
41) 2,4,6-Tribromophenol	10.43	330	137544	100.61	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	745811	90.88	ng	0.00
78) Terphenyl-d14	12.70	244	528991	75.89	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.37	163	96500	10.29	ng	99
70) Phenanthrene	11.14	178	42087	4.31	ng	98
74) Fluoranthene	12.32	202	79142	7.68	ng	95
77) Pyrene	12.55	202	80887	6.87	ng	99
80) Benzo(a)anthracene	13.74	228	50199	5.55	ng	# 94
82) Chrysene	13.77	228	34946m	4.11	ng	
83) Bis(2-ethylhexyl)phthalate	13.74	149	36979	5.84	ng	# 96
87) Benzo(b)fluoranthene	14.75	252	37831m	5.17	ng	
88) Benzo(k)fluoranthene	14.77	252	17727m	3.21	ng	
89) Benzo(a)pyrene	15.07	252	25642	4.33	ng	# 53
91) Benzo(g,h,i)perylene	16.81	276	16483	2.91	ng	# 71

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

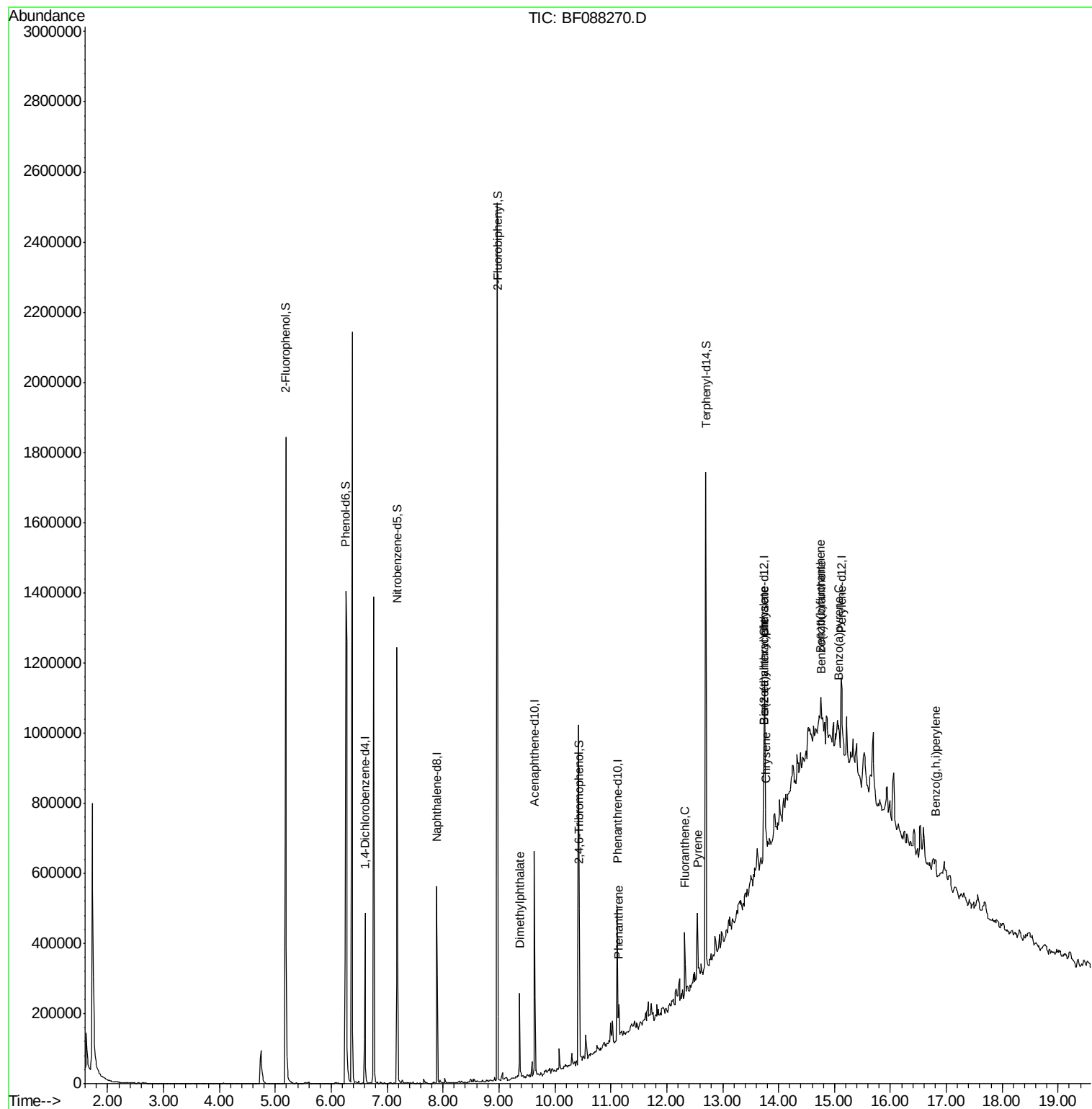
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
Data File : BF088270.D
Acq On : 23 Jun 2016 1:08
Operator : UM/SJ
Sample : H3514-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

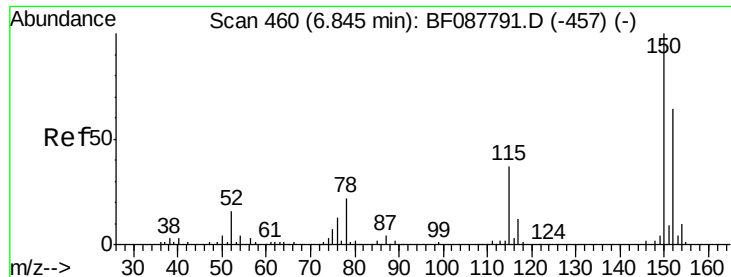
Instrument :
BNA_F
ClientSampleId :
S5-B1(0-5)C

Manual Integrations
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Quant Time: Jun 23 11:41:05 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
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Response via : Initial Calibration





#1

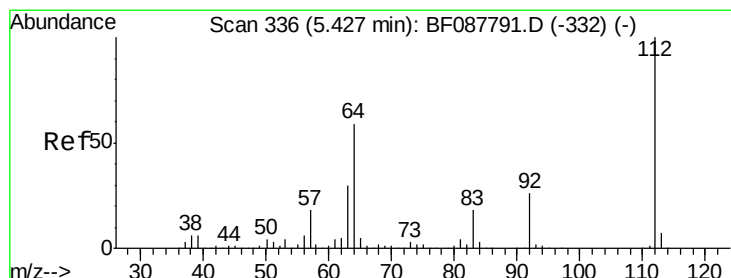
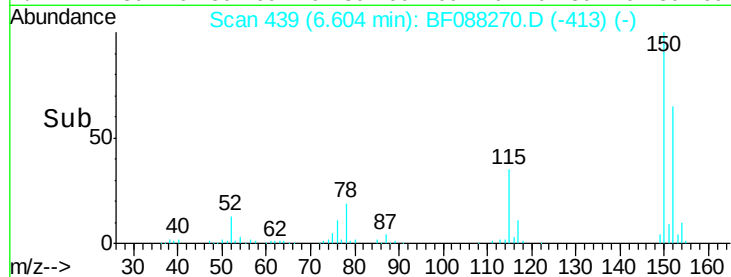
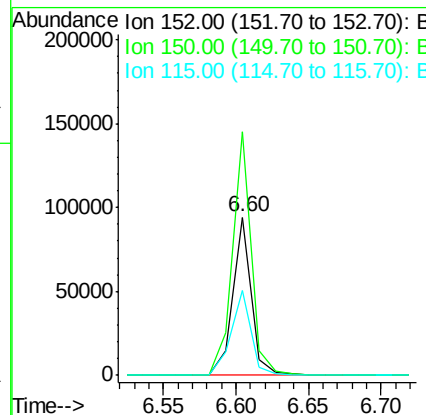
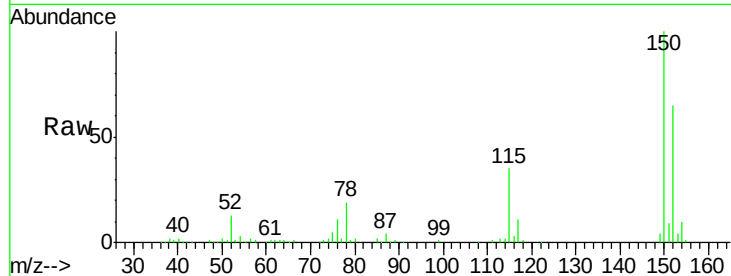
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF088270.D
Acq: 23 Jun 2016 1:08

Instrument :
BNA_F
ClientSampleId :
S5-B1(0-5)C

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	123.8	185.6
115	53.8	39.6	59.4

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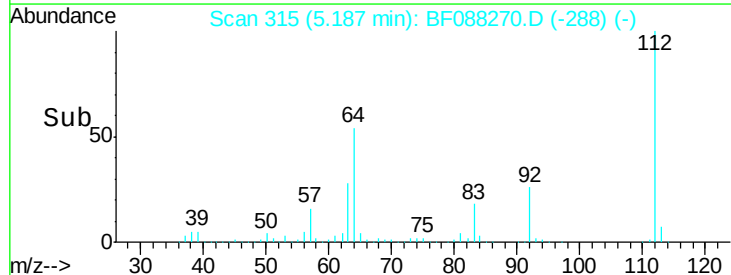
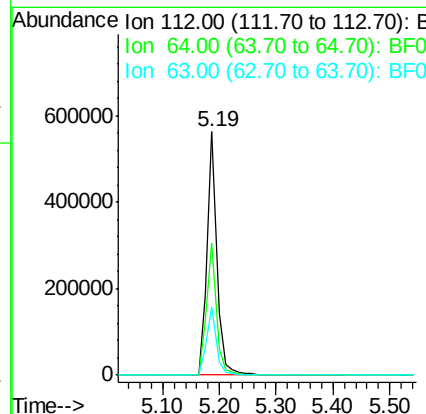
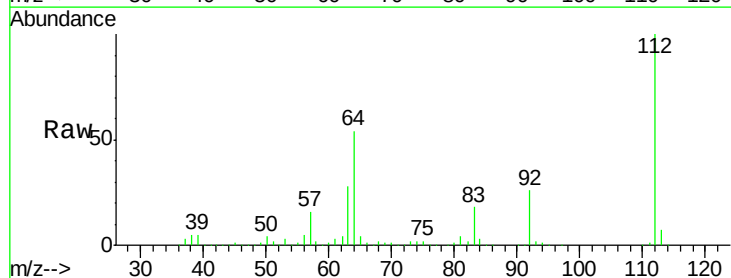
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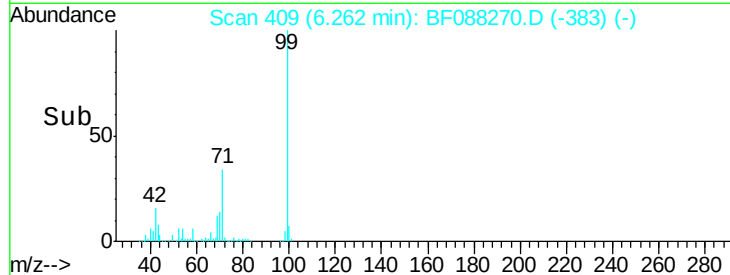
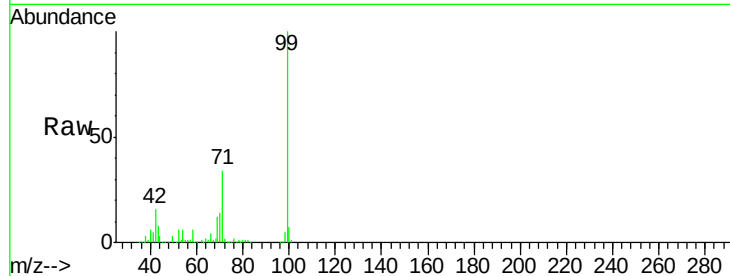
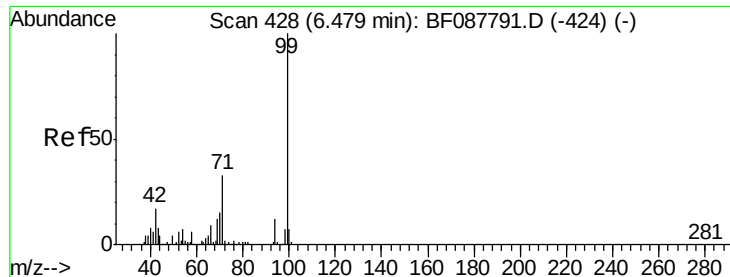


#5

2-Fluorophenol
Concen: 134.45 ng
RT: 5.19 min Scan# 315
Delta R.T. 0.01 min
Lab File: BF088270.D
Acq: 23 Jun 2016 1:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.1	42.2	63.2
63	28.2	21.8	32.8





#7

Phenol-d6

Concen: 147.35 ng

RT: 6.26 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF088270.D

Acq: 23 Jun 2016 1:08

Tot Ion:	99	Resp:	872581
Ion	Ratio	Lower	Upper
99	100		
42	15.5	12.2	18.2
71	34.2	23.4	35.0

Instrument :

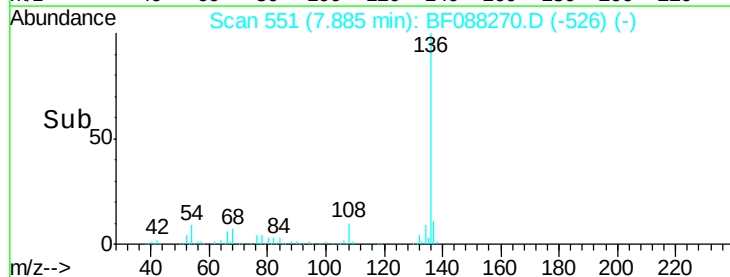
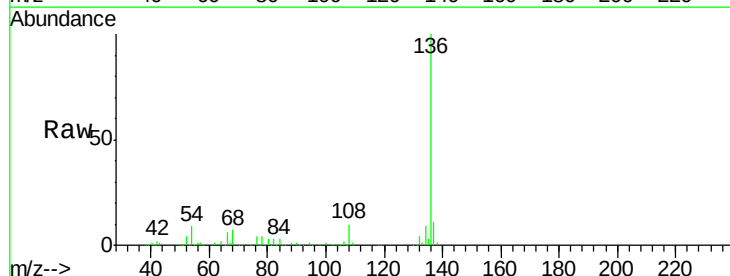
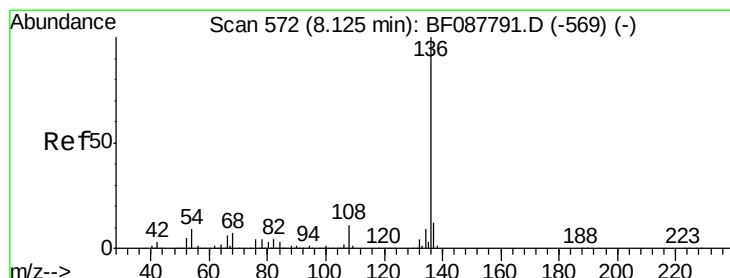
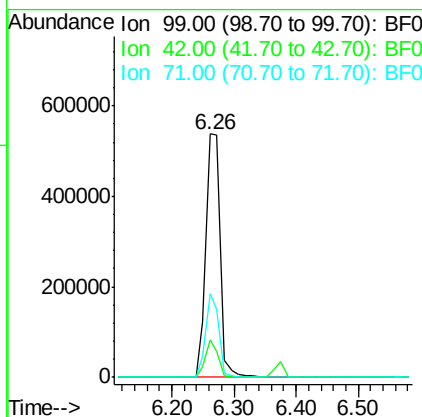
BNA_F

ClientSampleId :

S5-B1(0-5)C

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#21

Naphthalene-d8

Concen: 20.00 ng

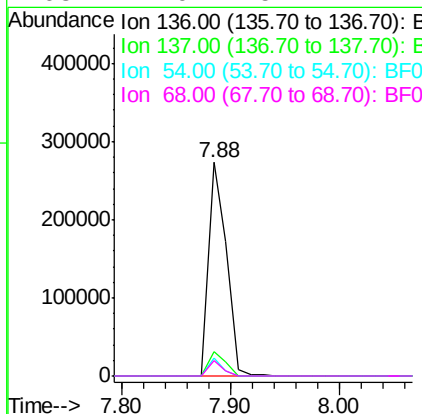
RT: 7.88 min Scan# 551

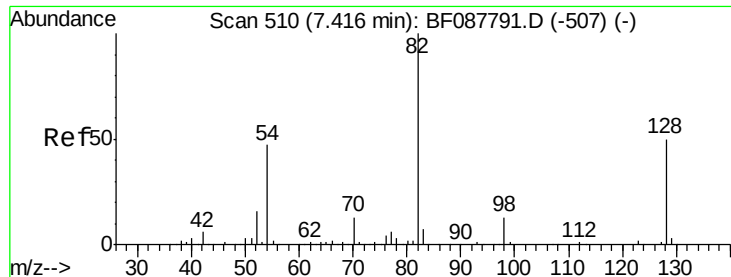
Delta R.T. -0.01 min

Lab File: BF088270.D

Acq: 23 Jun 2016 1:08

Tgt Ion:	136	Resp:	314446
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.7	6.6	10.0
68	7.0	5.1	7.7





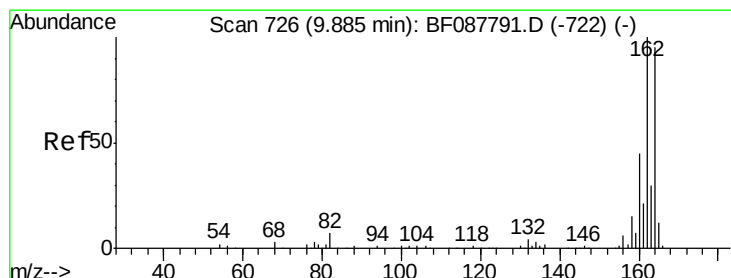
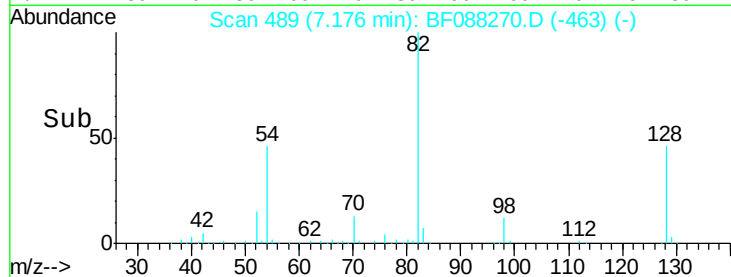
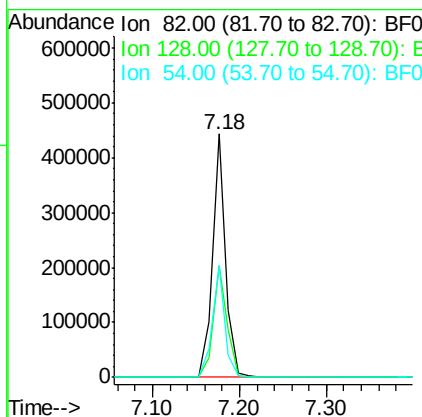
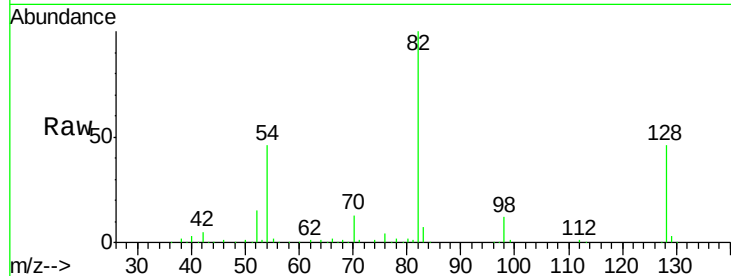
#23
 Nitrobenzene-d5
 Concen: 87.06 ng
 RT: 7.18 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF088270.D
 Acq: 23 Jun 2016 1:08

Instrument :
 BNA_F
 ClientSampleId :
 S5-B1(0-5)C

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	35.9	53.9
54	46.1	40.9	61.3

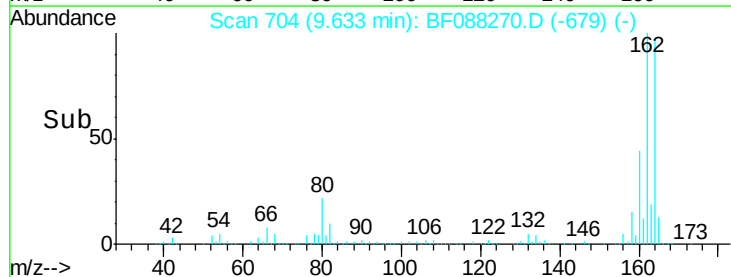
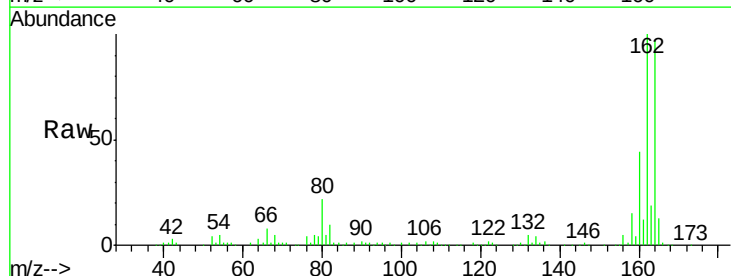
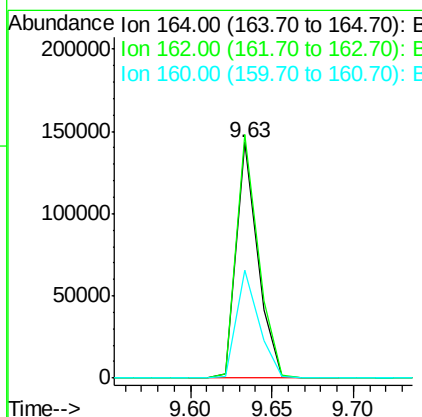
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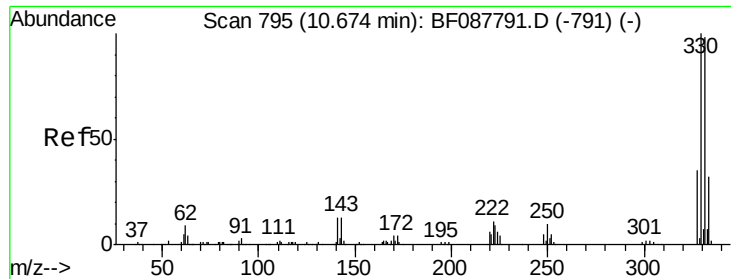
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: BF088270.D
 Acq: 23 Jun 2016 1:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	85.4	128.2
160	45.8	39.5	59.3





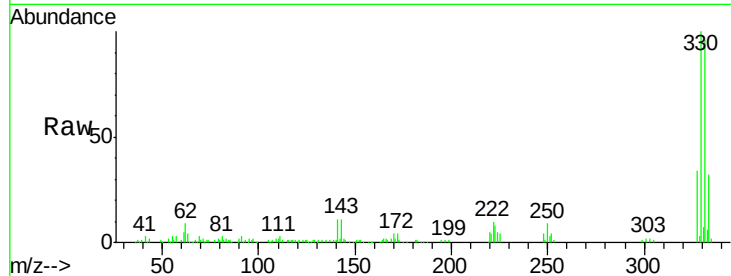
#41
 2,4,6-Tribromophenol
 Concen: 100.61 ng
 RT: 10.43 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF088270.D
 Acq: 23 Jun 2016 1:08

Instrument :
 BNA_F
 ClientSampleId :
 S5-B1(0-5)C

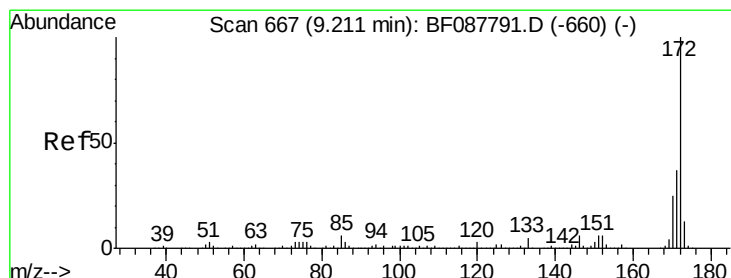
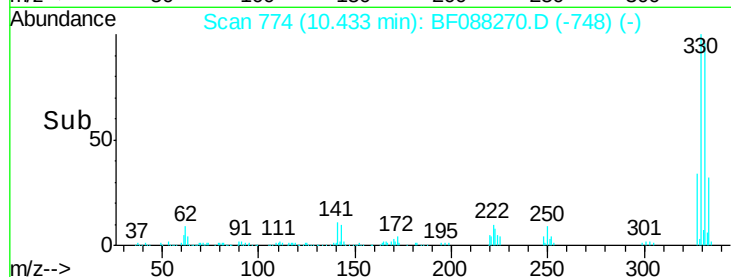
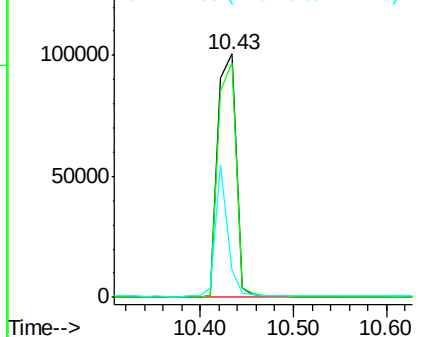
Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	95.3	0.0	0.0#
141	36.4	0.0	0.0#

Manual Integrations
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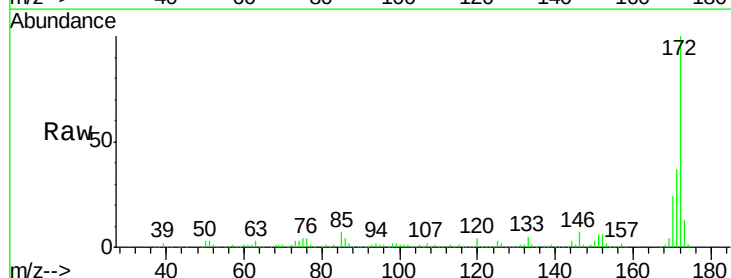


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

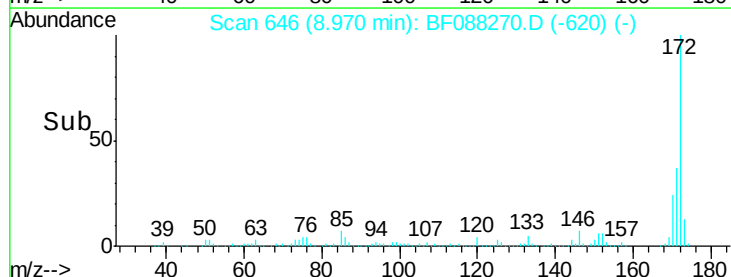
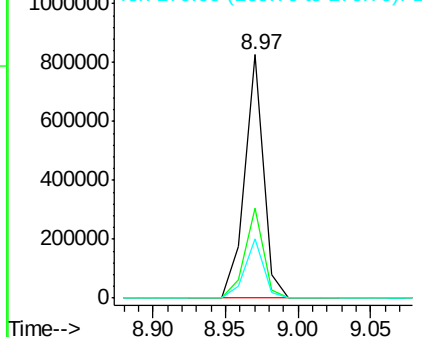


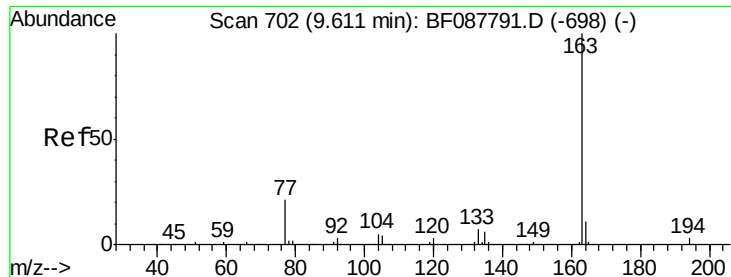
#44
 2-Fluorobiphenyl
 Concen: 90.88 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF088270.D
 Acq: 23 Jun 2016 1:08

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	36.7	28.6	43.0
170	24.5	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





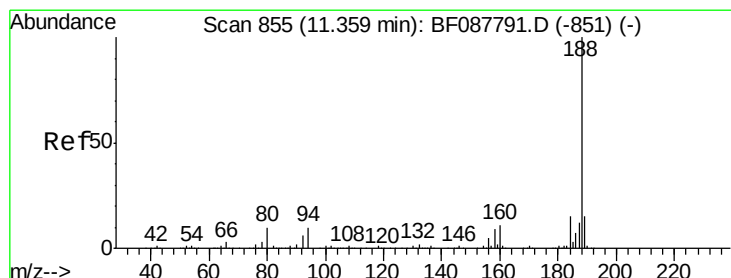
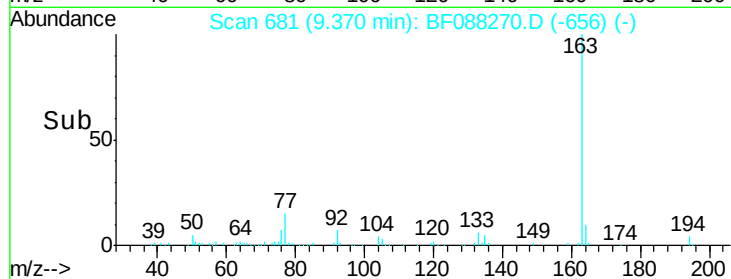
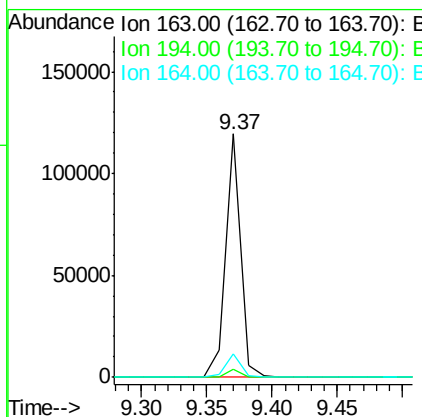
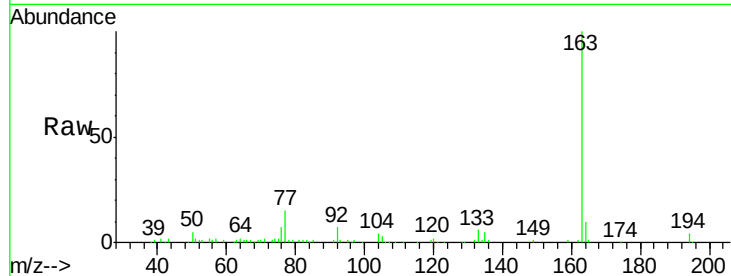
#49
Dimethylphthalate
Concen: 10.29 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF088270.D
Acq: 23 Jun 2016 1:08

Instrument :
BNA_F
ClientSampleId :
S5-B1(0-5)C

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	9.7	8.3	12.5

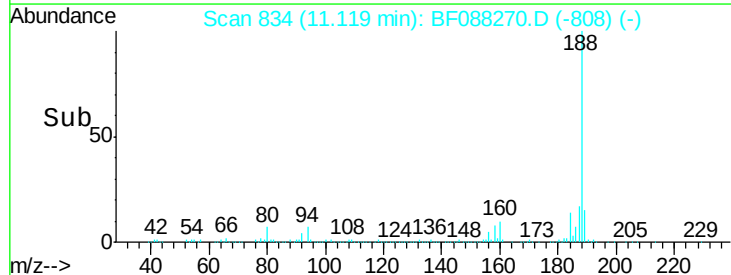
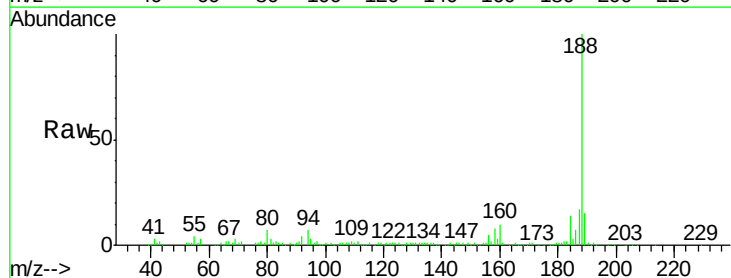
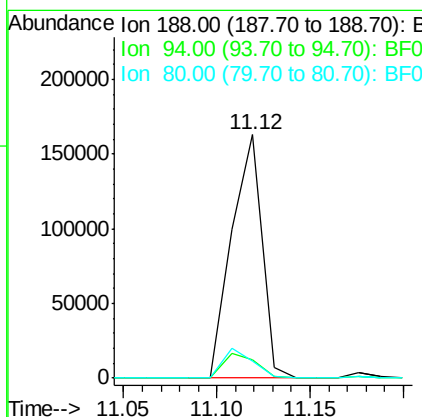
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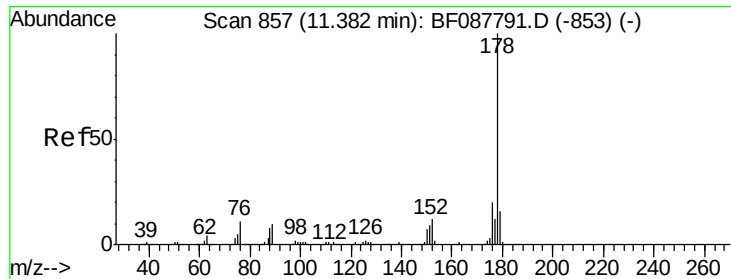
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF088270.D
Acq: 23 Jun 2016 1:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	9.0	13.6#
80	7.2	10.0	15.0#





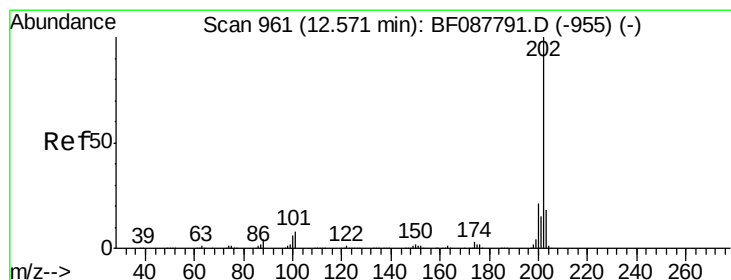
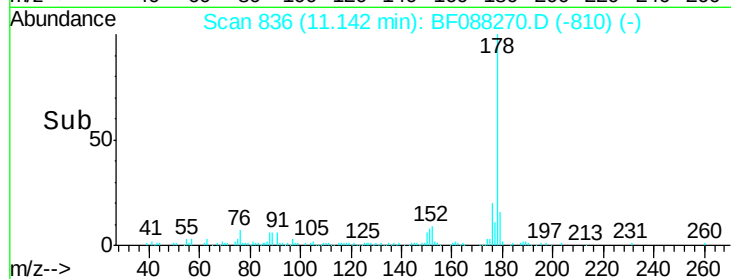
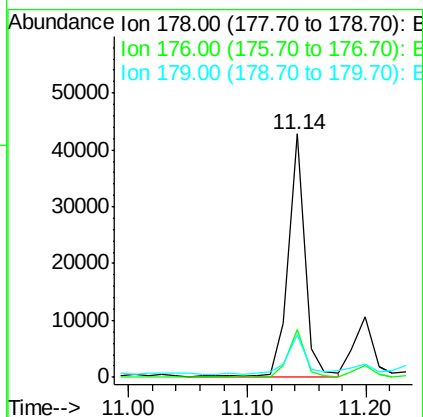
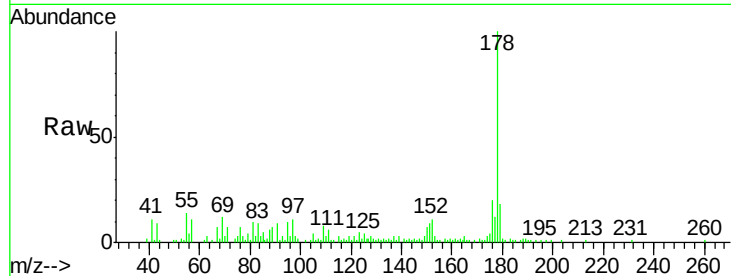
#70
Phenanthrene
Concen: 4.31 ng
RT: 11.14 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF088270.D
Acq: 23 Jun 2016 1:08

Instrument :
BNA_F
ClientSampleId :
S5-B1(0-5)C

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.6
179	17.8	13.0	19.4

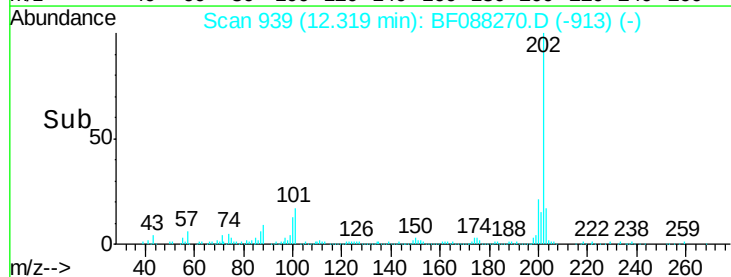
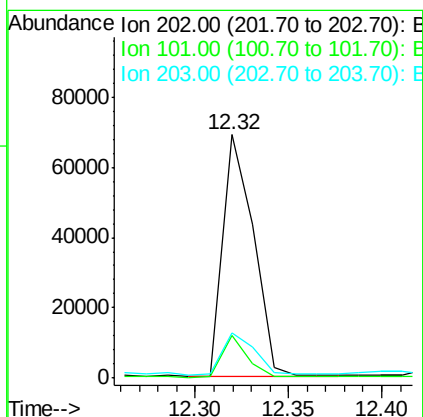
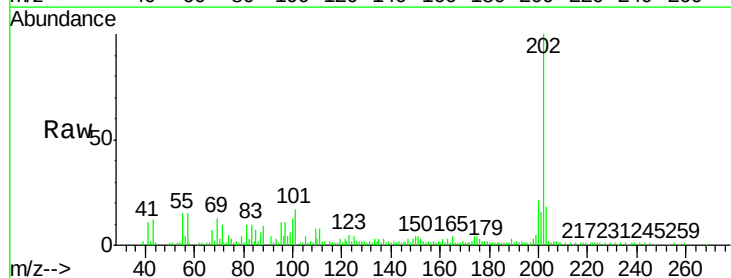
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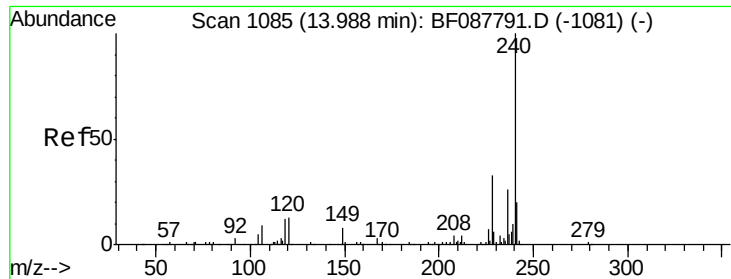
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#74
Fluoranthene
Concen: 7.68 ng
RT: 12.32 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF088270.D
Acq: 23 Jun 2016 1:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.3	0.0	33.1
203	18.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF088270.D

Acq: 23 Jun 2016 1:08

Instrument :

BNA_F

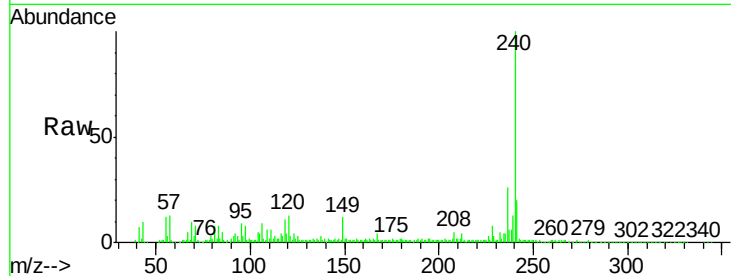
ClientSampleId :

S5-B1(0-5)C

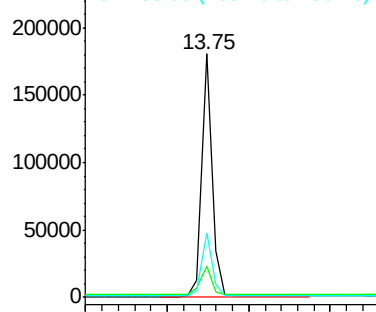
Tot Ion:	240	Resp:	158611
Ion Ratio	Lower	Upper	
240	100		
120	13.0	6.8	10.2#
236	26.3	20.2	30.2

Manual Integrations
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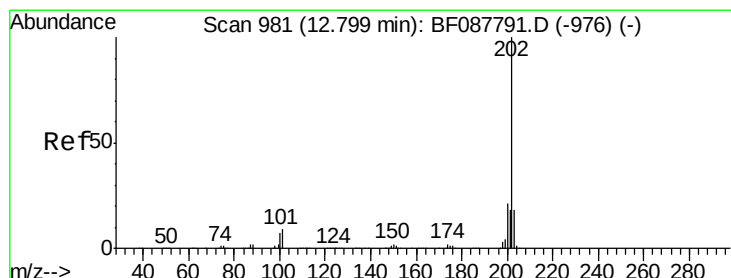
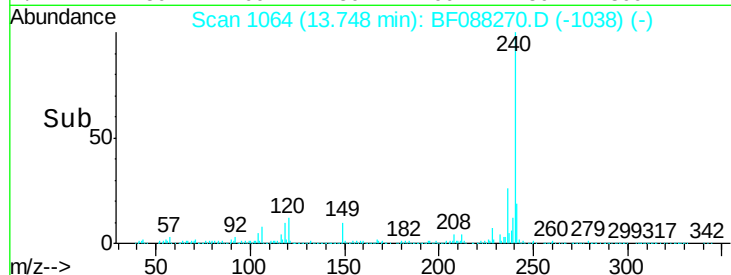
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 13.60 13.70 13.80 13.90



#77

Pyrene

Concen: 6.87 ng

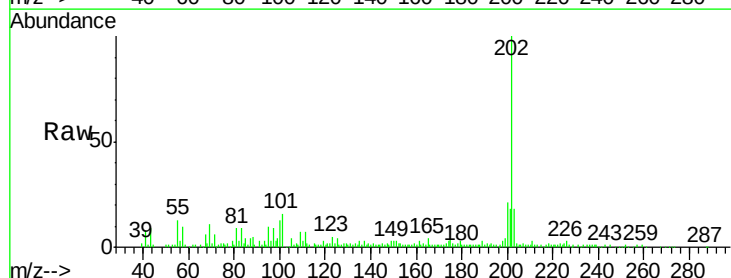
RT: 12.55 min Scan# 959

Delta R.T. 0.00 min

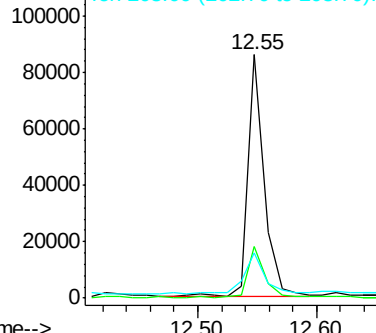
Lab File: BF088270.D

Acq: 23 Jun 2016 1:08

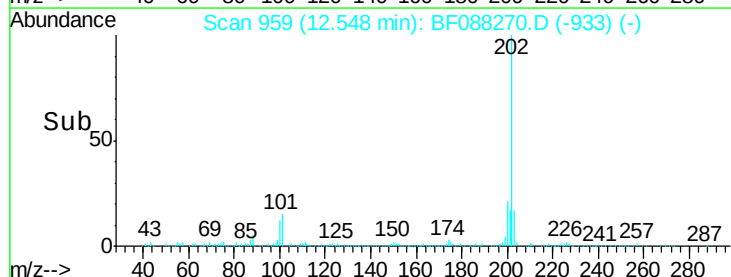
Tgt Ion:	202	Resp:	80887
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.4	26.2
203	18.4	14.5	21.7

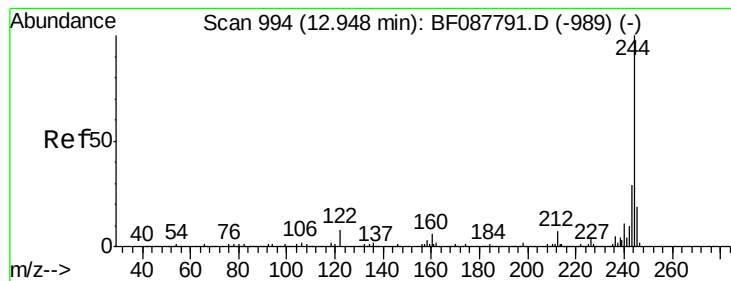


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 12.50 12.60





#78

Terphenyl-d14

Concen: 75.89 ng

RT: 12.70 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF088270.D

Acq: 23 Jun 2016 1:08

Instrument :

BNA_F

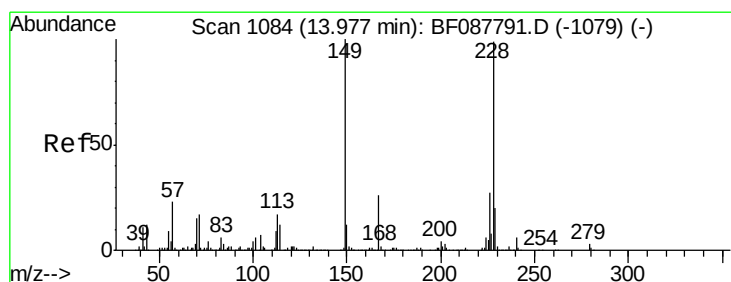
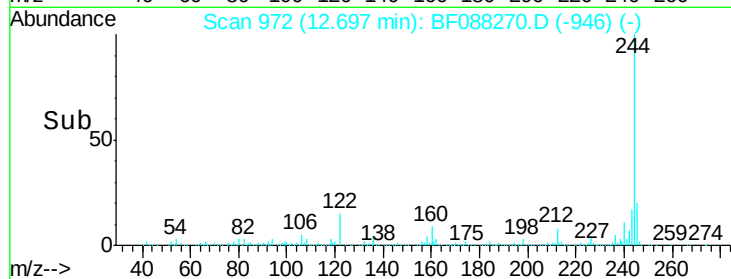
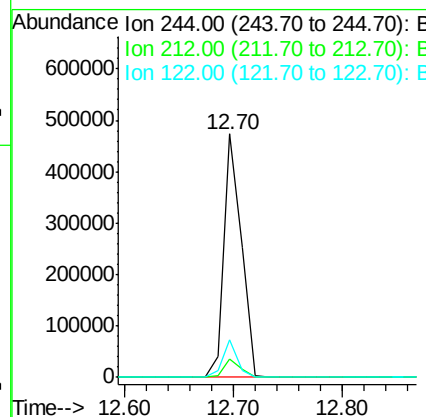
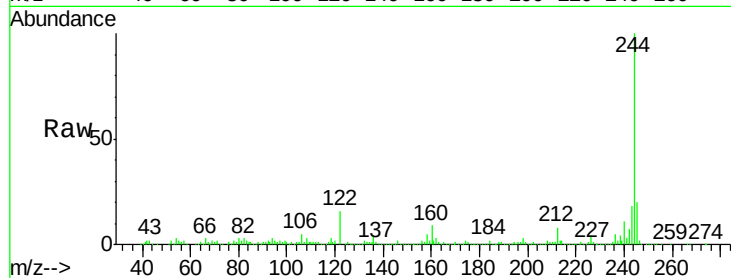
ClientSampleId :

S5-B1(0-5)C

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	15.5	11.2	16.8

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#80

Benzo(a)anthracene

Concen: 5.55 ng

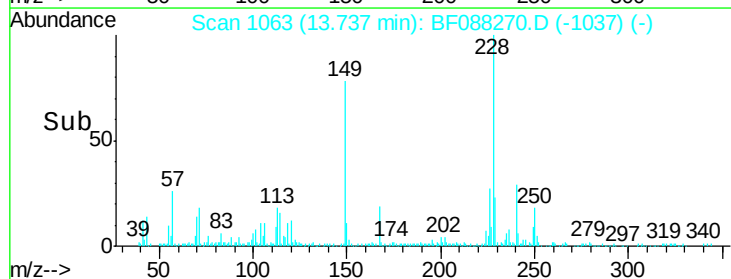
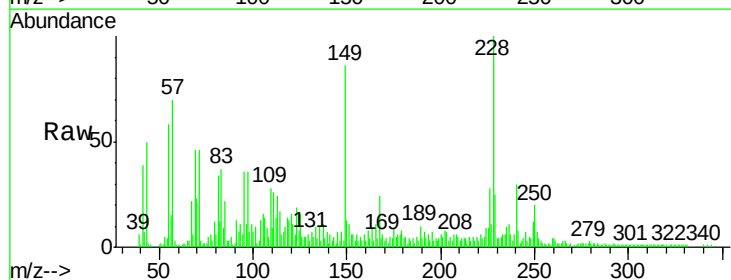
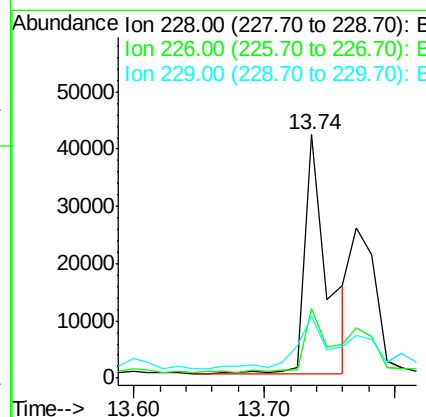
RT: 13.74 min Scan# 1063

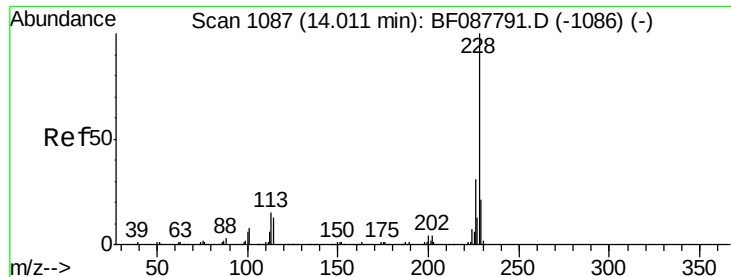
Delta R.T. 0.00 min

Lab File: BF088270.D

Acq: 23 Jun 2016 1:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.3	33.5
229	25.5	16.0	24.0





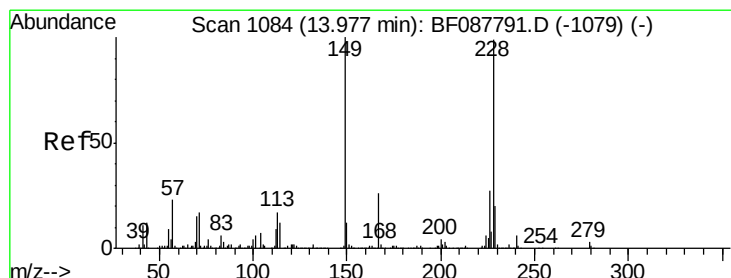
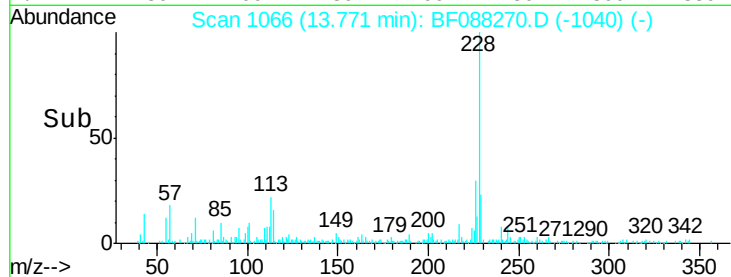
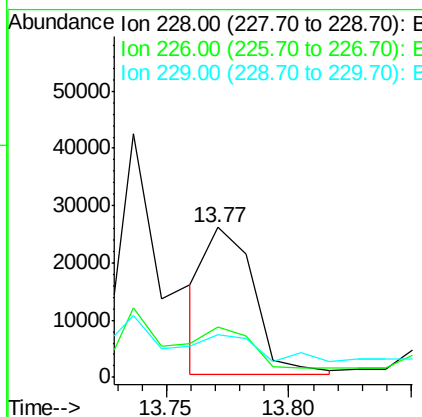
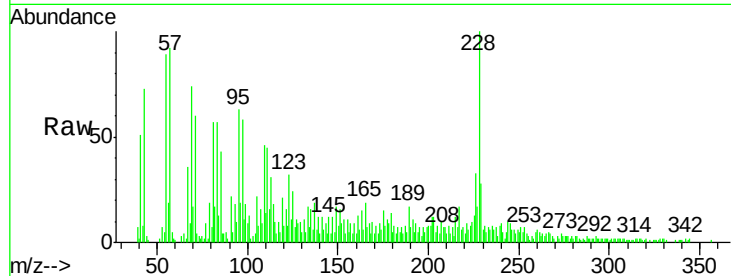
#82
Chrysene
Concen: 4.11 ng/mL
RT: 13.77 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BF088270.D
Acq: 23 Jun 2016 1:08

Instrument :
BNA_F
ClientSampleId :
S5-B1(0-5)C

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.3	25.4	38.2
229	28.3	16.3	24.5

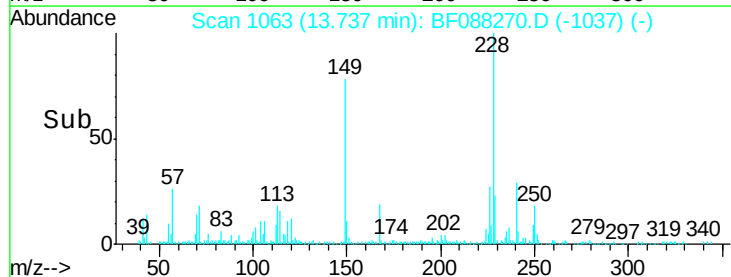
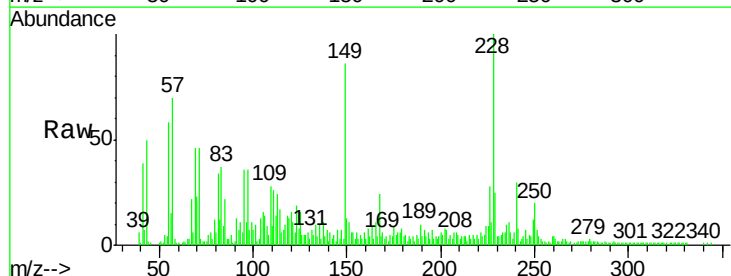
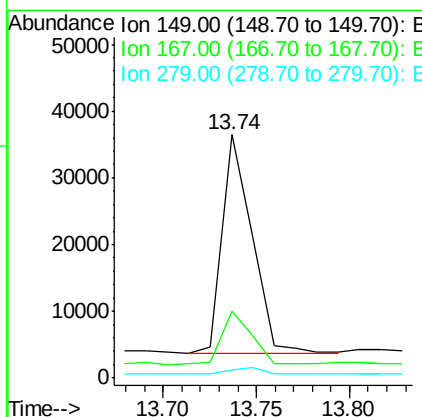
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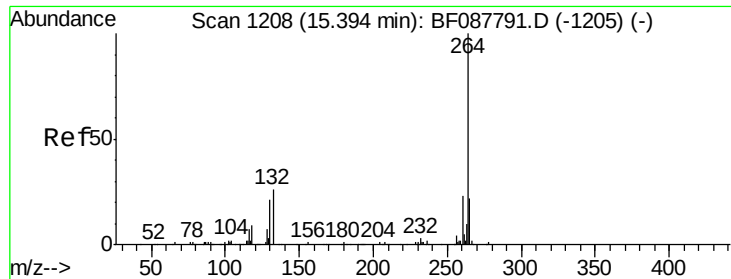
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#83
Bis(2-ethylhexyl)phthalate
Concen: 5.84 ng/mL
RT: 13.74 min Scan# 1063
Delta R.T. 0.00 min
Lab File: BF088270.D
Acq: 23 Jun 2016 1:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	20.5	30.7
279	3.3	2.0	3.0





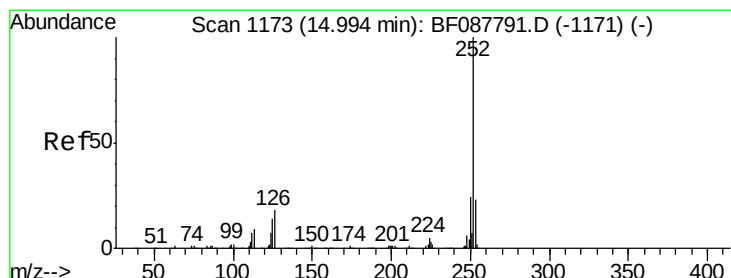
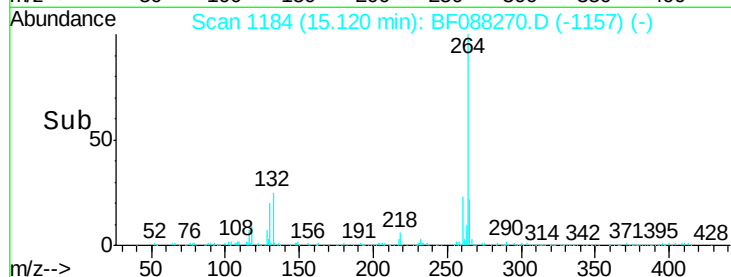
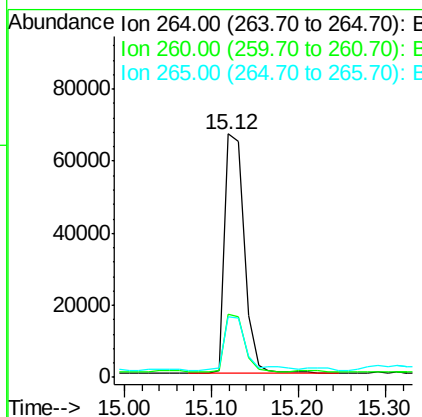
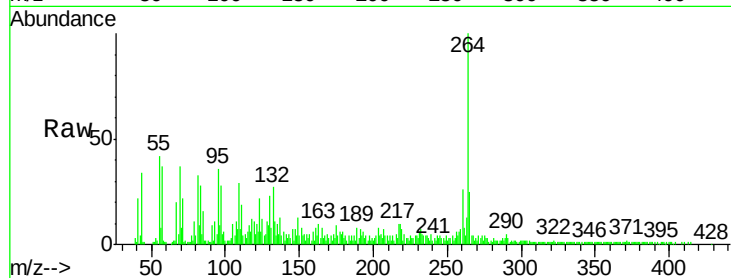
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.12 min Scan# 1184
Delta R.T. 0.01 min
Lab File: BF088270.D
Acq: 23 Jun 2016 1:08

Instrument :
BNA_F
ClientSampleId :
S5-B1(0-5)C

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.2	28.8
265	24.9	16.9	25.3

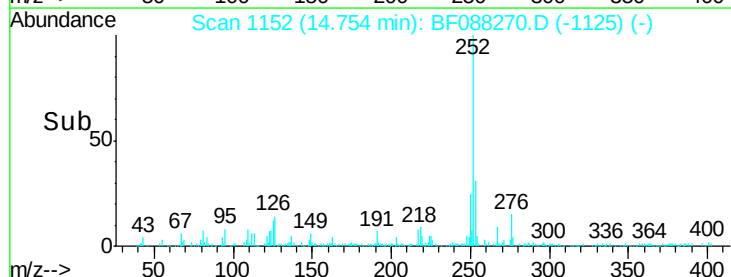
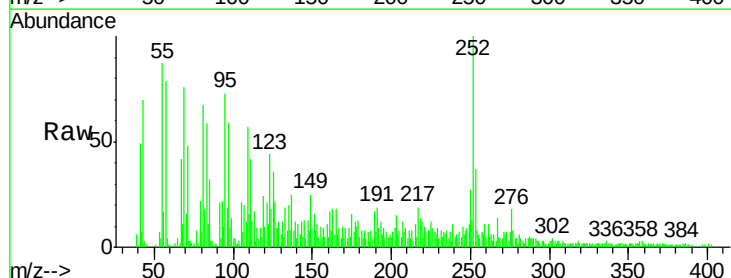
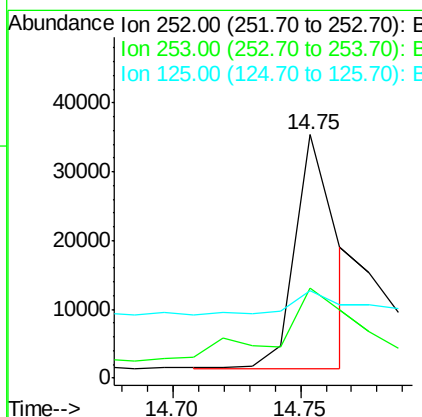
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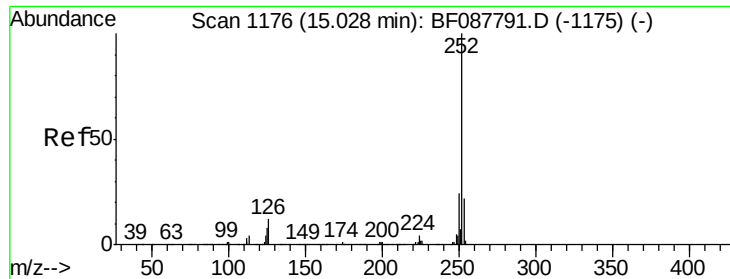
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#87
Benzo(b)fluoranthene
Concen: 5.17 ng m
RT: 14.75 min Scan# 1152
Delta R.T. 0.01 min
Lab File: BF088270.D
Acq: 23 Jun 2016 1:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	37.2	17.4	26.2#
125	36.1	7.1	10.7#





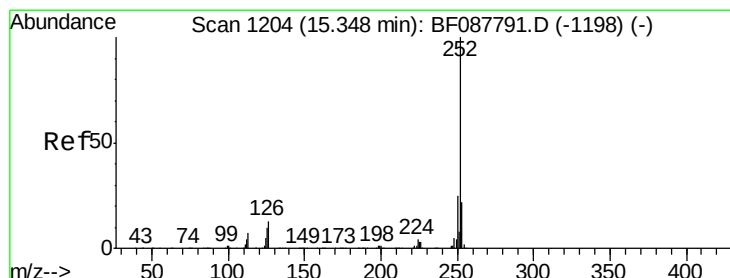
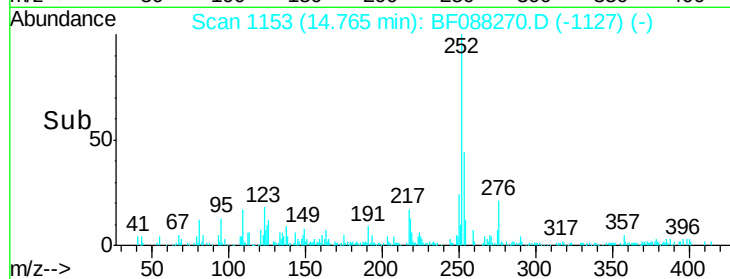
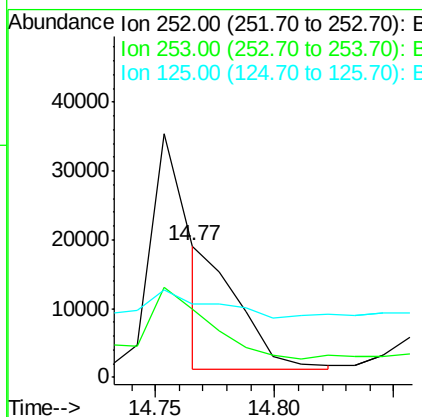
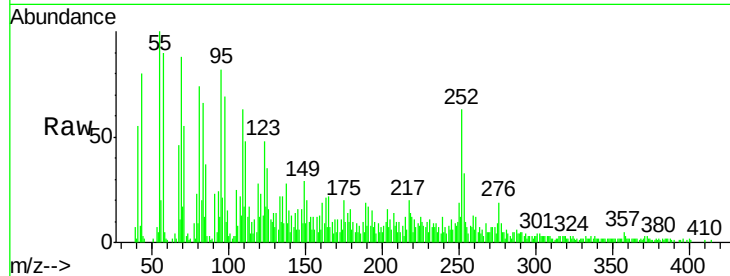
#88
Benzo(k)fluoranthene
Concen: 3.21 ng m
RT: 14.77 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF088270.D
Acq: 23 Jun 2016 1:08

Instrument :
BNA_F
ClientSampleId :
S5-B1(0-5)C

Tot Ion	Ratio	Lower	Upper
252	100		
253	51.8	18.0	27.0#
125	56.2	11.2	16.8#

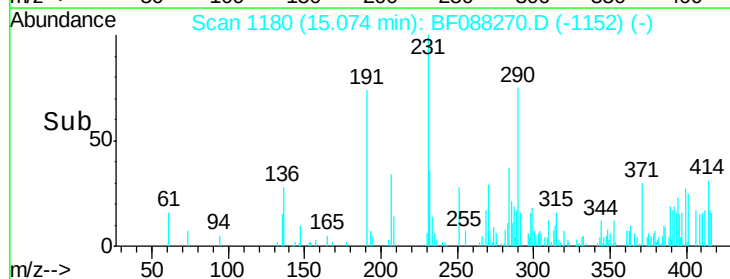
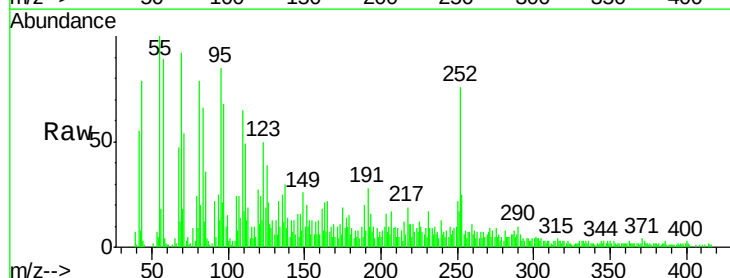
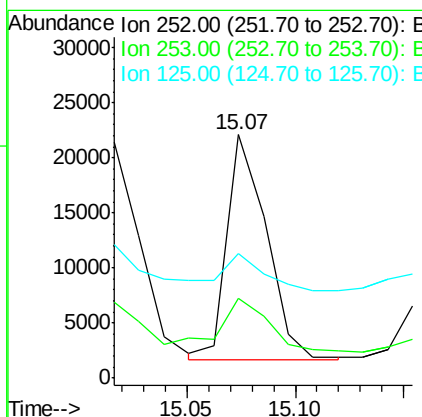
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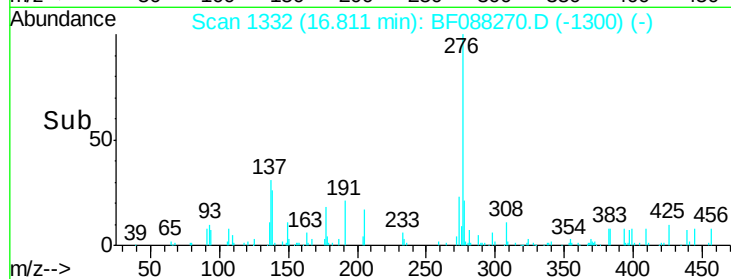
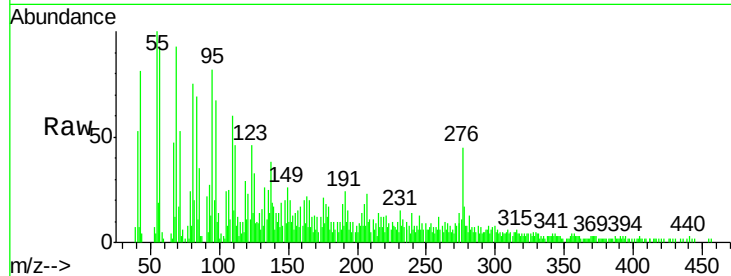
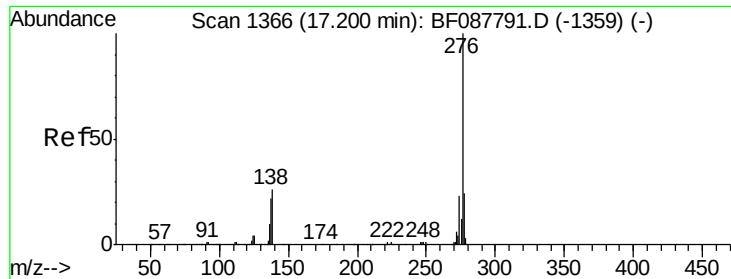
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#89
Benzo(a)pyrene
Concen: 4.33 ng
RT: 15.07 min Scan# 1180
Delta R.T. 0.02 min
Lab File: BF088270.D
Acq: 23 Jun 2016 1:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.9	17.9	26.9#
125	51.1	12.5	18.7#





#91

Benzo(a,h,i)perylene

Concen: 2.91 ng

RT: 16.81 min Scan# 1332

Delta R.T. 0.07 min

Lab File: BF088270.D

Acq: 23 Jun 2016 1:08

Instrument :

BNA_F

ClientSampleId :

S5-B1(0-5)C

Tot Ion: 276 Resp: 16483

Ion Ratio Lower Upper

276 100

277 37.2 18.9 28.3#

138 42.7 21.4 32.2#

Manual Integrations

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