

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053116\
 Data File : BF087607.D
 Acq On : 1 Jun 2016 6:02
 Operator : UM/SJ
 Sample : H3323-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Manual Integrations
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Quant Time: Jun 01 07:01:53 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	123778	20.00	ng	-0.07
21) Naphthalene-d8	9.48	136	511810	20.00	ng	-0.07
38) Acenaphthene-d10	12.30	164	215385	20.00	ng	-0.09
63) Phenanthrene-d10	14.71	188	340598	20.00	ng	-0.07
75) Chrysene-d12	18.42	240	261454	20.00	ng	-0.06
86) Perylene-d12	20.11	264	215411	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	733378	104.11	ng	-0.07
7) Phenol-d6	7.02	99	1031924	108.41	ng	-0.06
23) Nitrobenzene-d5	8.36	82	665773	65.56	ng	-0.08
41) 2,4,6-Tribromophenol	13.60	330	184400	89.09	ng	-0.08
44) 2-Fluorobiphenyl	11.24	172	1084503	70.98	ng	-0.09
78) Terphenyl-d14	17.06	244	731930	59.52	ng	-0.07
Target Compounds						Qvalue
49) Dimethylphthalate	11.95	163	121168	7.02	ng	100
70) Phenanthrene	14.77	178	118479	6.28	ng	99
74) Fluoranthene	16.54	202	174988	9.25	ng	92
77) Pyrene	16.83	202	171841	9.13	ng	96
79) Butylbenzylphthalate	17.73	149	54774	6.56	ng	# 88
80) Benzo(a)anthracene	18.42	228	63225	4.25	ng	98
82) Chrysene	18.48	228	80463m	5.45	ng	
85) Indeno(1,2,3-cd)pyrene	21.43	276	33815m	2.86	ng	
87) Benzo(b)fluoranthene	19.73	252	85698m	6.25	ng	
88) Benzo(k)fluoranthene	19.76	252	39453m	3.34	ng	
89) Benzo(a)pyrene	20.08	252	57767	4.87	ng	# 93
91) Benzo(a,h,i)perylene	21.79	276	33343m	3.34	ng	

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

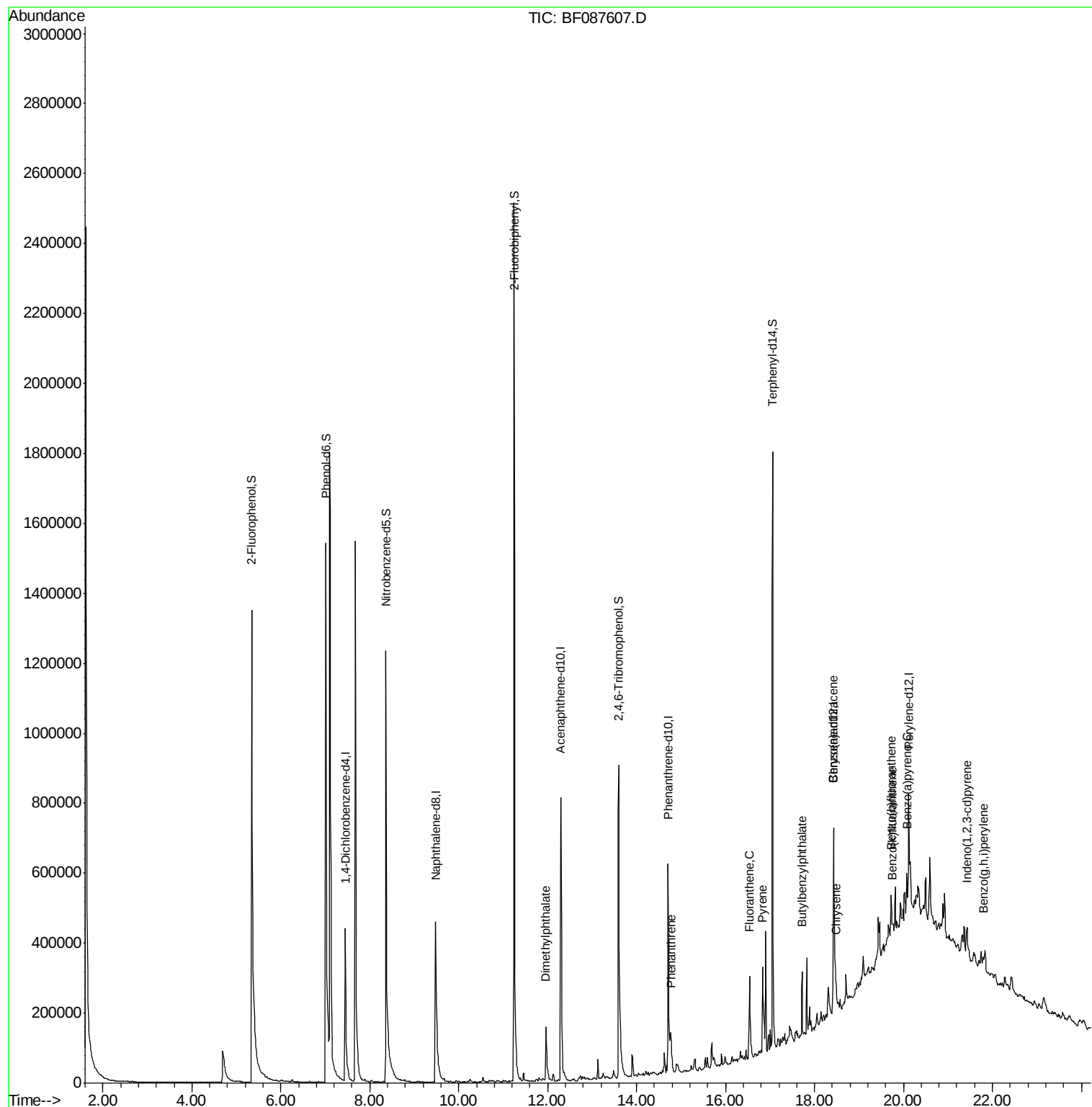
Data Path : Z:\HPCHEM1\BNA F\DATA\BF053116\
Data File : BF087607.D
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Misc :
ALS Vial : 22 Sample Multiplier: 1

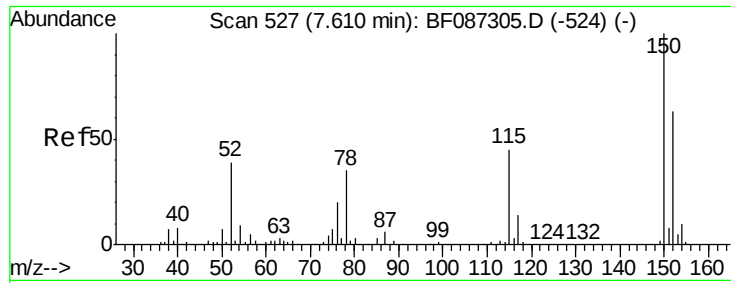
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.07 min

Lab File: BF087607.D

Acq: 1 Jun 2016 6:02

Instrument :

BNA_F

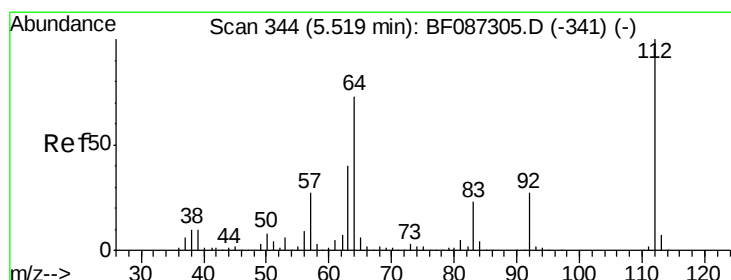
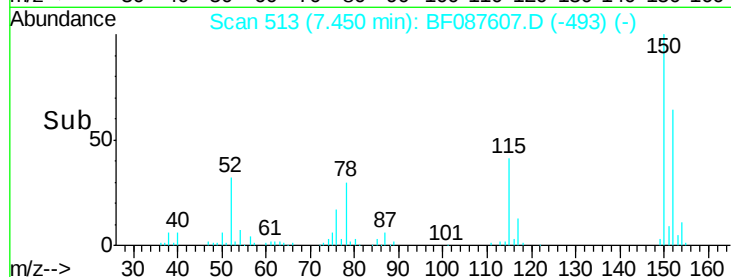
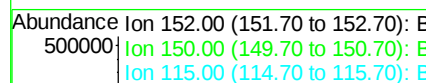
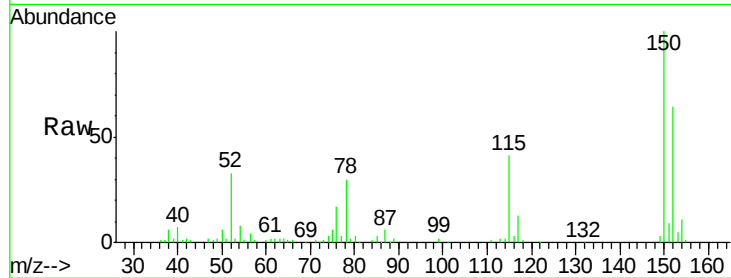
ClientSampleId :

SB-02-COMP

Tot Ion:	152	Resp:	123778
Ion Ratio	Lower	Upper	
152	100		
150	156.1	125.8	188.6
115	63.9	51.5	77.3

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#5

2-Fluorophenol

Concen: 104.11 ng

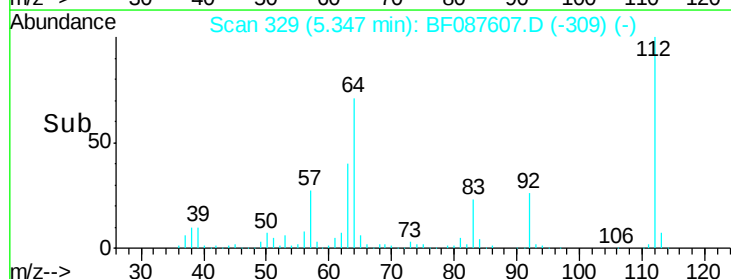
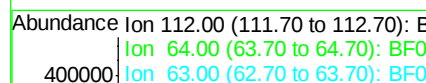
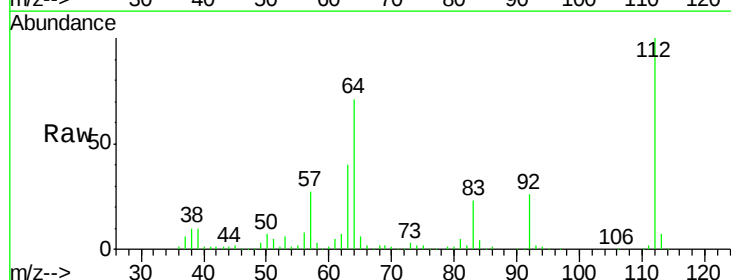
RT: 5.35 min Scan# 329

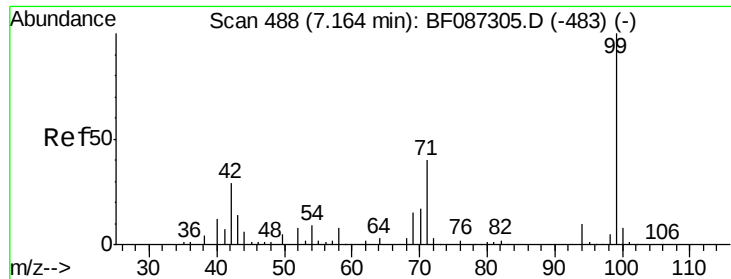
Delta R.T. -0.07 min

Lab File: BF087607.D

Acq: 1 Jun 2016 6:02

Tgt Ion:	112	Resp:	733378
Ion Ratio	Lower	Upper	
112	100		
64	71.2	52.1	78.1
63	40.0	25.7	38.5





#7

Phenol-d6

Concen: 108.41 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.06 min

Lab File: BF087607.D

Acq: 1 Jun 2016 6:02

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

Tot Ion: 99 Resp: 1031924

Ion Ratio Lower Upper

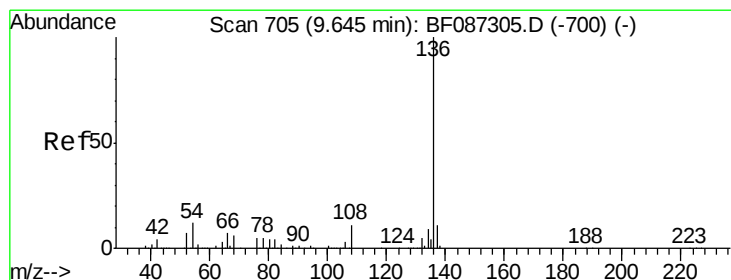
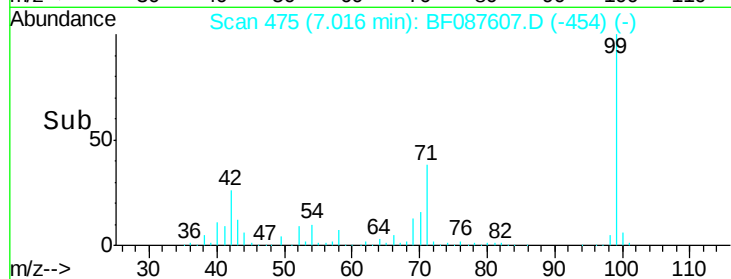
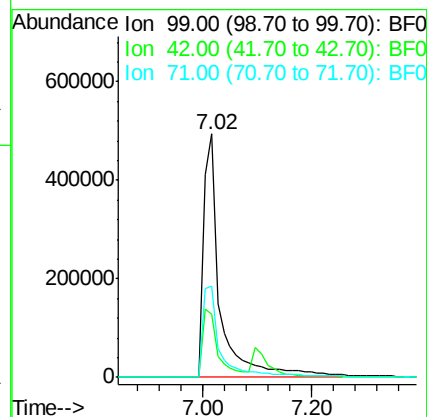
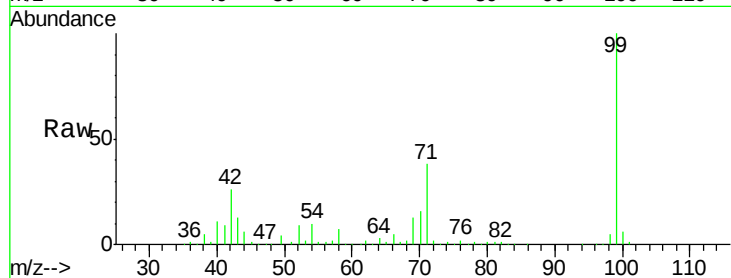
99 100

42 26.0 13.6 20.4#

71 37.6 24.6 36.8#

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.48 min Scan# 691

Delta R.T. -0.07 min

Lab File: BF087607.D

Acq: 1 Jun 2016 6:02

Tgt Ion: 136 Resp: 511810

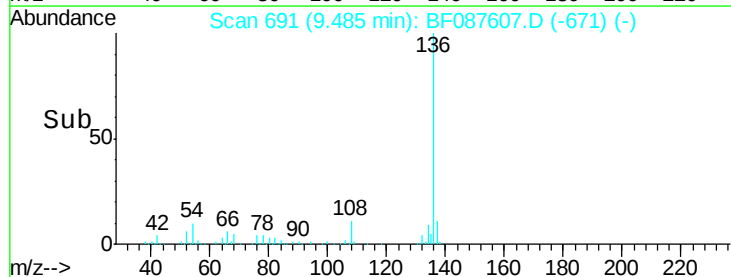
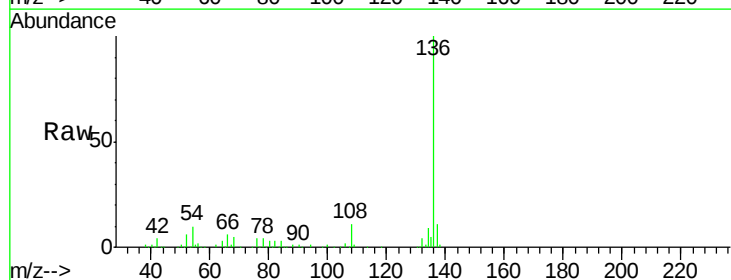
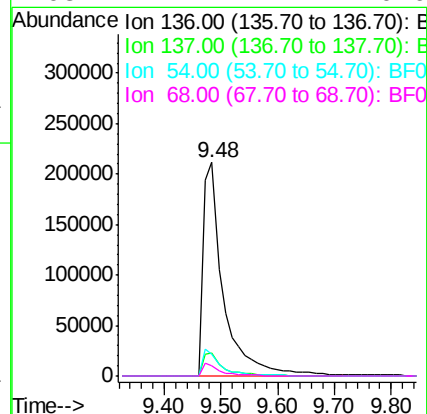
Ion Ratio Lower Upper

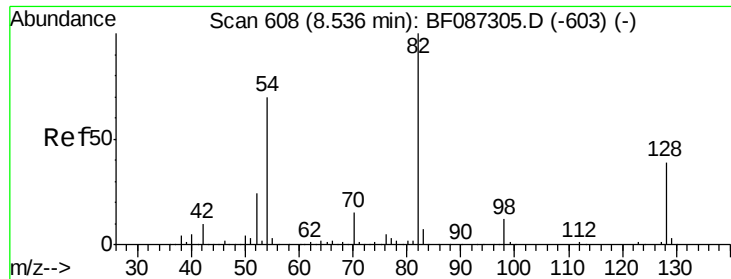
136 100

137 10.7 8.8 13.2

54 10.0 5.0 7.4#

68 4.7 4.4 6.6





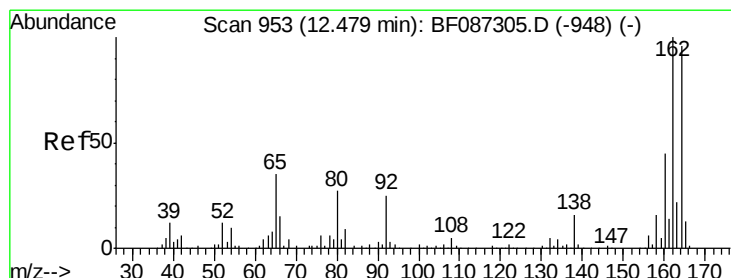
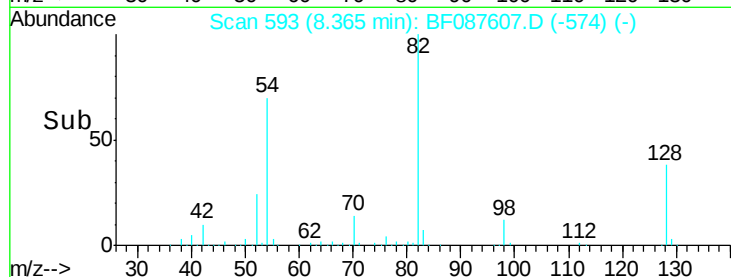
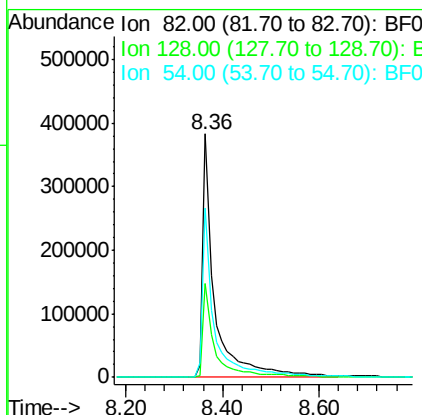
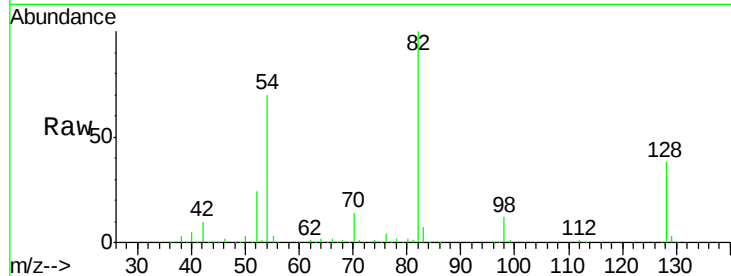
#23
Nitrobenzene-d5
Concen: 65.56 ng
RT: 8.36 min Scan# 593
Delta R.T. -0.08 min
Lab File: BF087607.D
Acq: 1 Jun 2016 6:02

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	82	Resp	665773
Ion	Ratio	Lower	Upper
82	100		
128	38.4	40.6	61.0#
54	69.6	38.1	57.1#

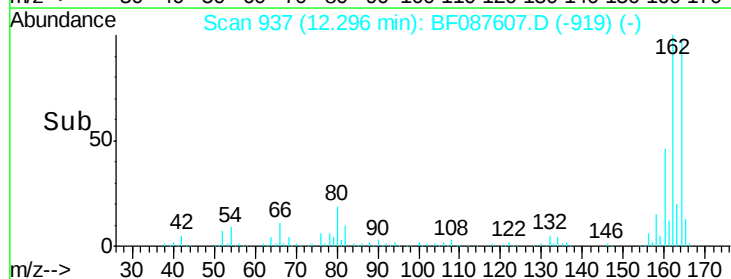
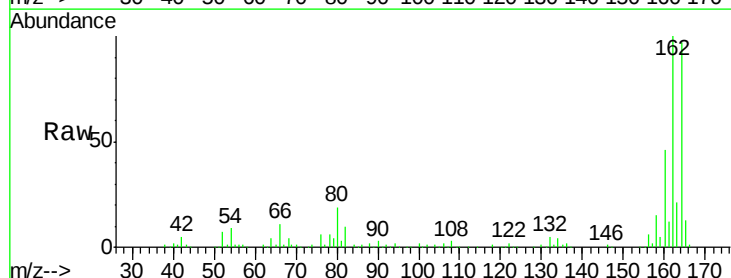
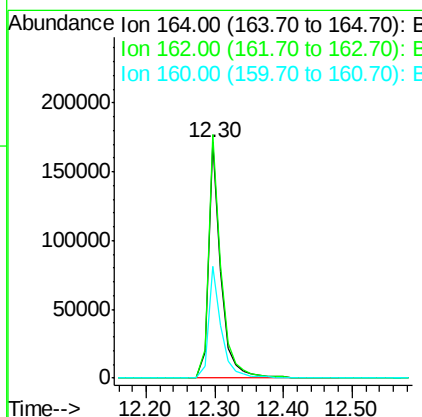
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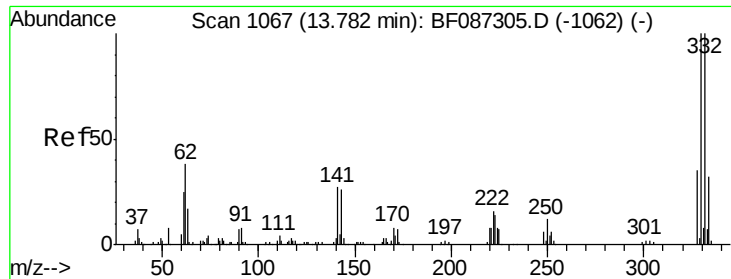
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.30 min Scan# 937
Delta R.T. -0.09 min
Lab File: BF087607.D
Acq: 1 Jun 2016 6:02

Tgt Ion	164	Resp	215385
Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.8	124.2
160	47.4	36.9	55.3





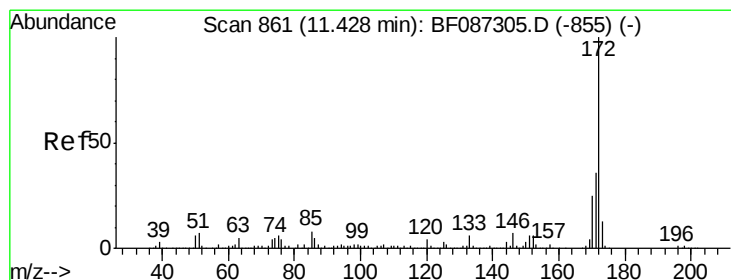
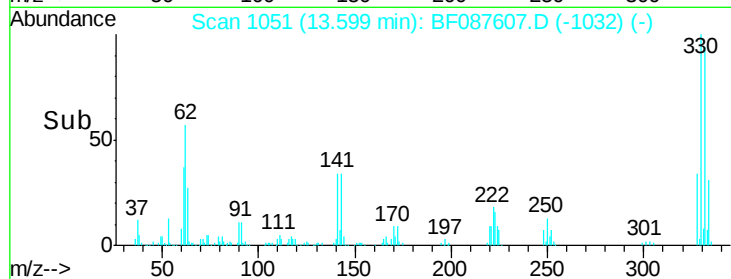
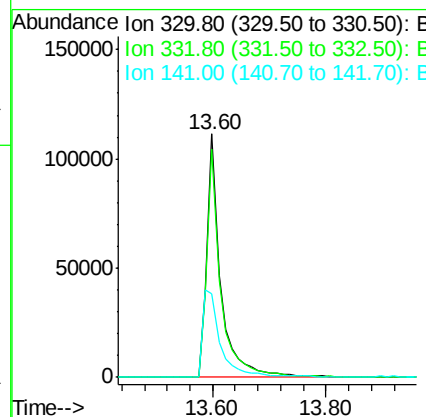
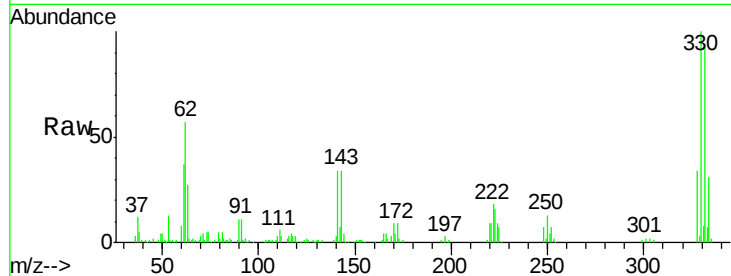
#41
 2,4,6-Tribromophenol
 Concen: 89.09 ng
 RT: 13.60 min Scan# 1051
 Delta R.T. -0.08 min
 Lab File: BF087607.D
 Acq: 1 Jun 2016 6:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100	184400		
332	94.8	79.0	118.4	
141	46.8	31.2	46.8	

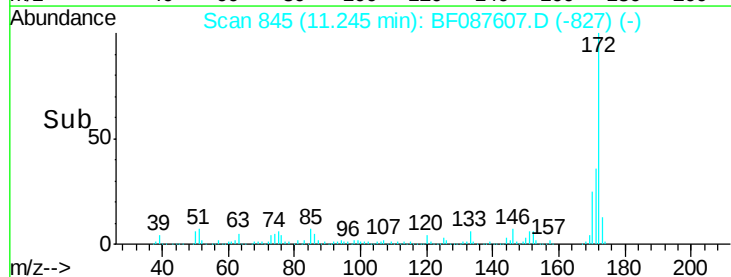
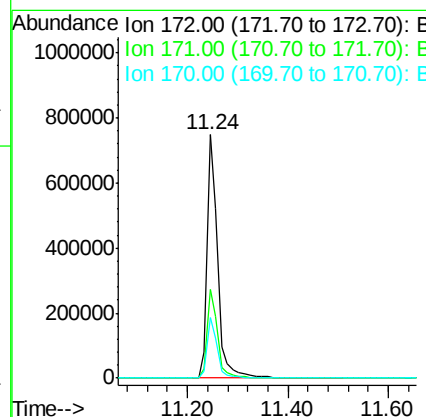
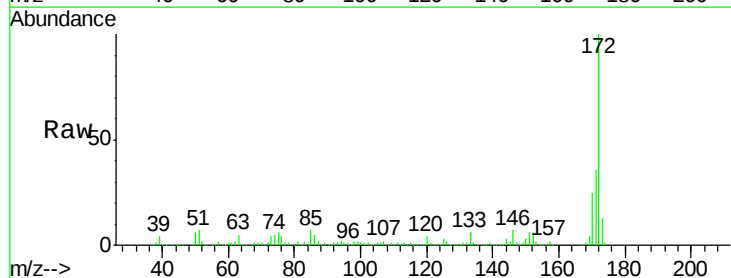
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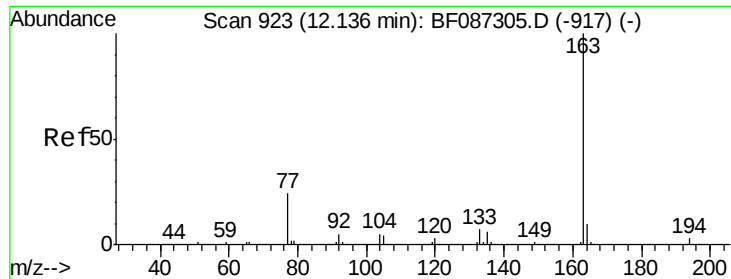
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#44
 2-Fluorobiphenyl
 Concen: 70.98 ng
 RT: 11.24 min Scan# 845
 Delta R.T. -0.09 min
 Lab File: BF087607.D
 Acq: 1 Jun 2016 6:02

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1084503		
171	36.4	29.0	43.6	
170	24.8	19.8	29.8	





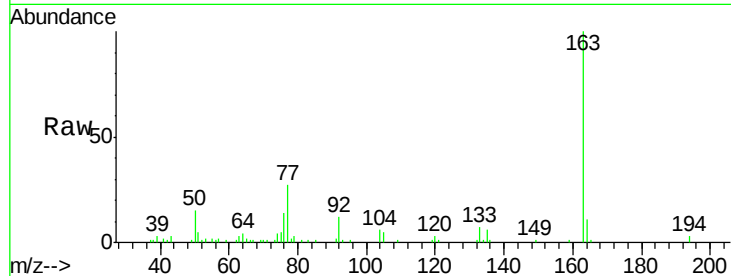
#49
Dimethylphthalate
Concen: 7.02 ng
RT: 11.95 min Scan# 907
Delta R.T. -0.09 min
Lab File: BF087607.D
Acq: 1 Jun 2016 6:02

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

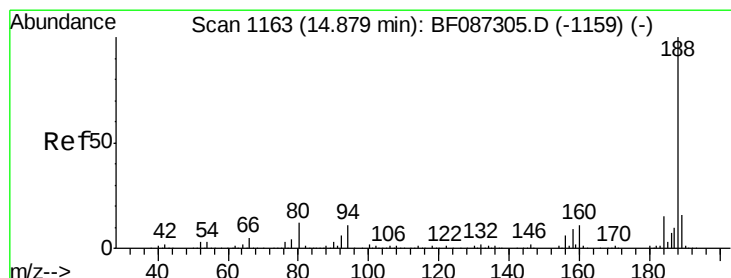
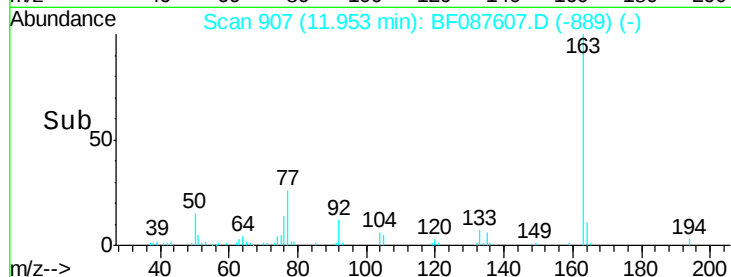
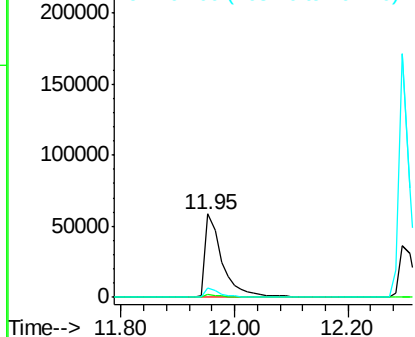
Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100				
194	3.4		2.6	4.0	
164	10.5		8.2	12.4	

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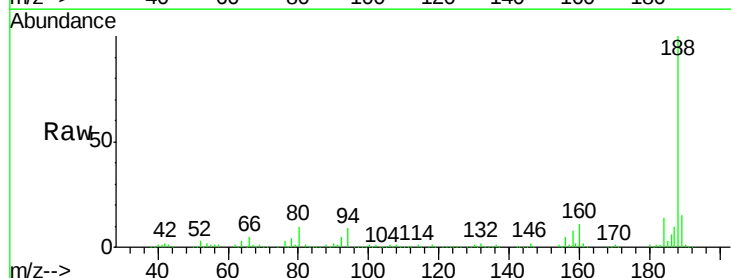


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

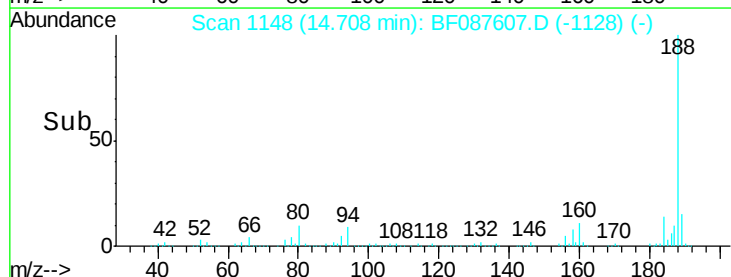
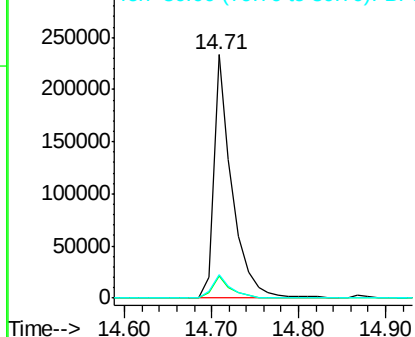


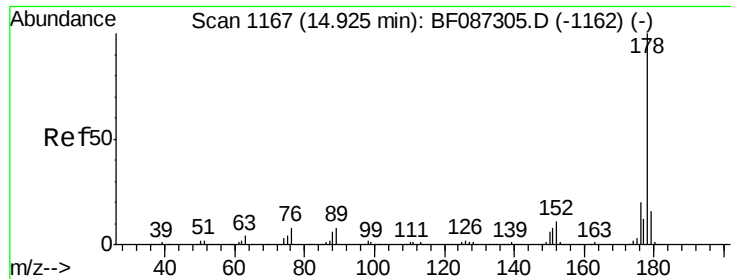
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.71 min Scan# 1148
Delta R.T. -0.07 min
Lab File: BF087607.D
Acq: 1 Jun 2016 6:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.9		6.8	10.2	
80	9.9		7.1	10.7	



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





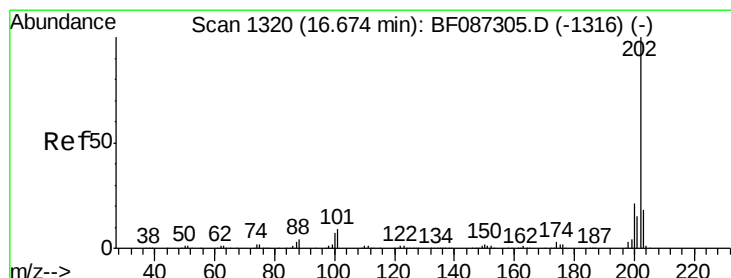
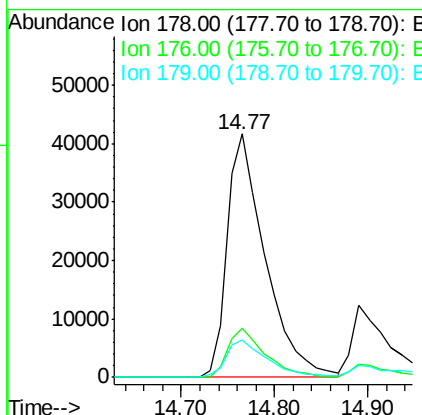
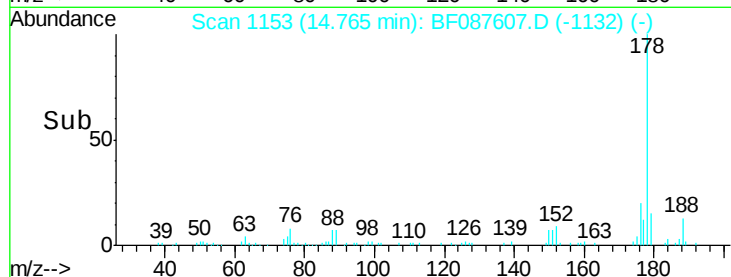
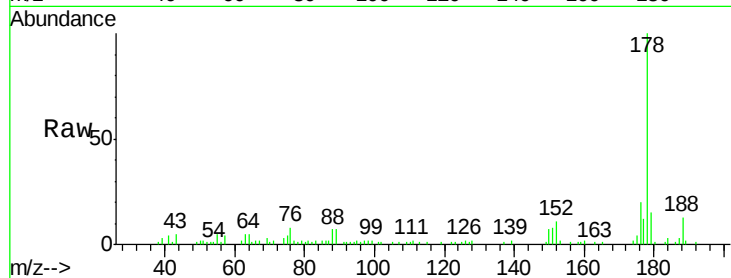
#70
Phenanthrene
Concen: 6.28 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.06 min
Lab File: BF087607.D
Acq: 1 Jun 2016 6:02

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.0	24.0
179	15.2	12.6	18.8

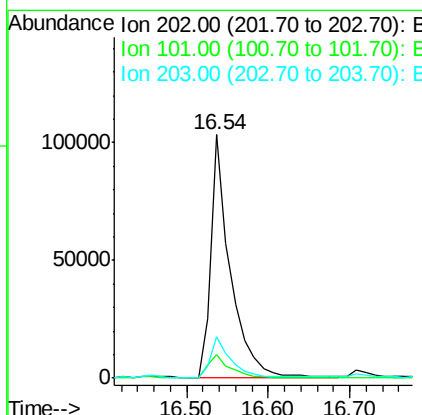
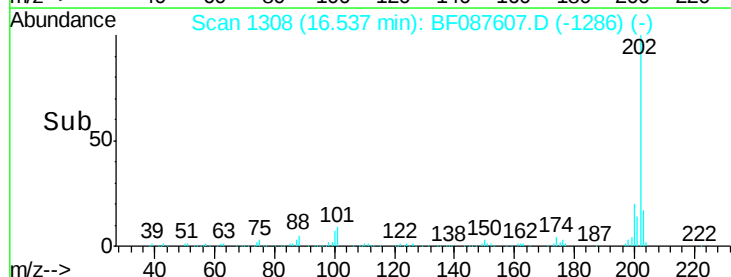
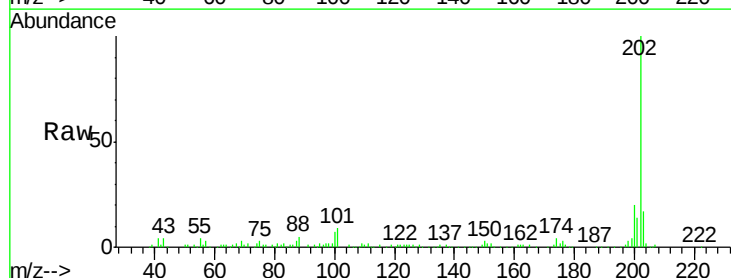
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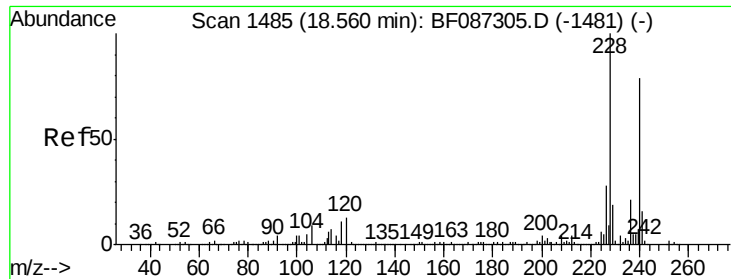
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#74
Fluoranthene
Concen: 9.25 ng
RT: 16.54 min Scan# 1308
Delta R.T. -0.05 min
Lab File: BF087607.D
Acq: 1 Jun 2016 6:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	35.4
203	17.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.42 min Scan# 1473

Delta R.T. -0.06 min

Lab File: BF087607.D

Acq: 1 Jun 2016 6:02

Instrument :

BNA_F

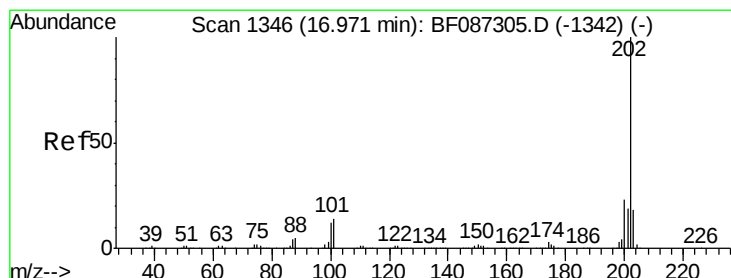
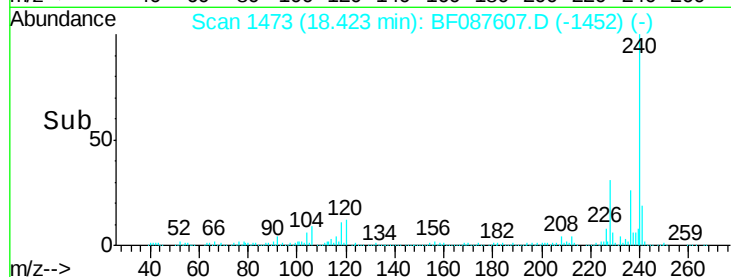
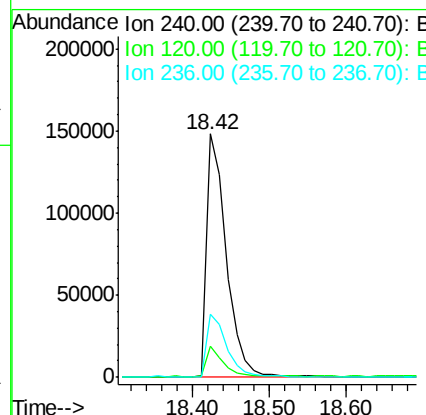
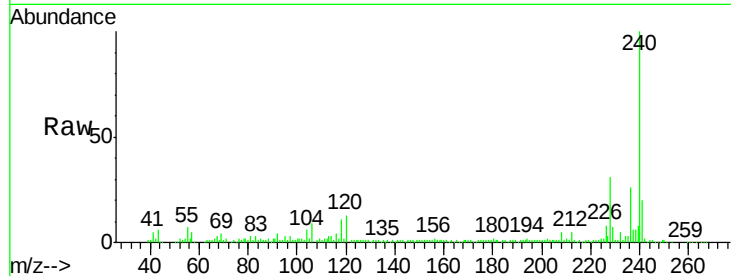
ClientSampleId :

SB-02-COMP

Tot Ion:	240	Resp:	261454
Ion Ratio	Lower	Upper	
240	100		
120	12.6	11.2	16.8
236	25.9	21.2	31.8

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#77

Pyrene

Concen: 9.13 ng

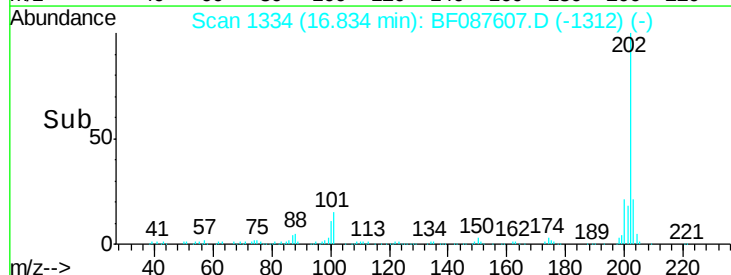
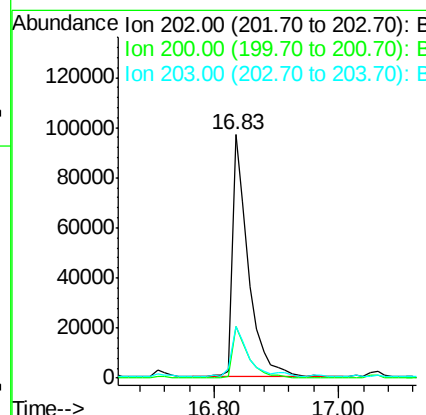
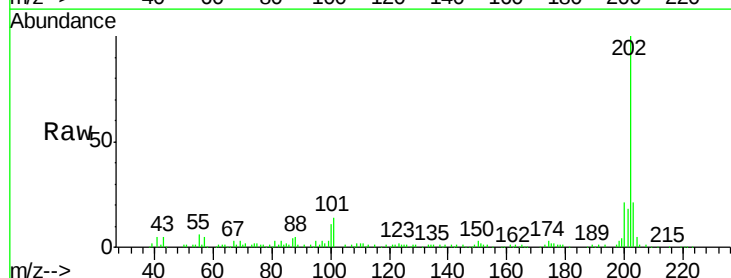
RT: 16.83 min Scan# 1334

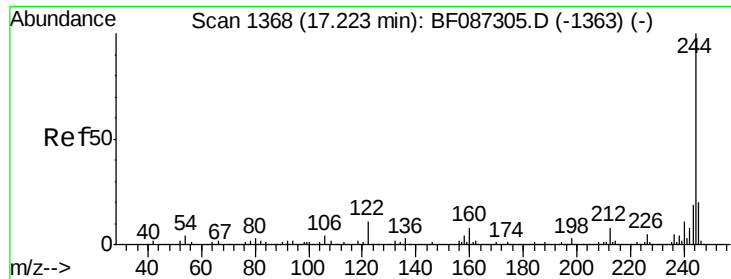
Delta R.T. -0.05 min

Lab File: BF087607.D

Acq: 1 Jun 2016 6:02

Tgt Ion:	202	Resp:	171841
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.7	26.5
203	21.1	14.2	21.4





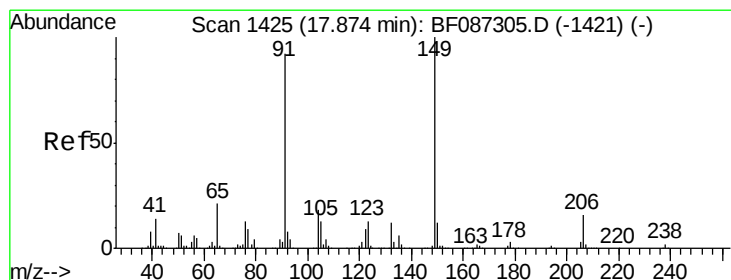
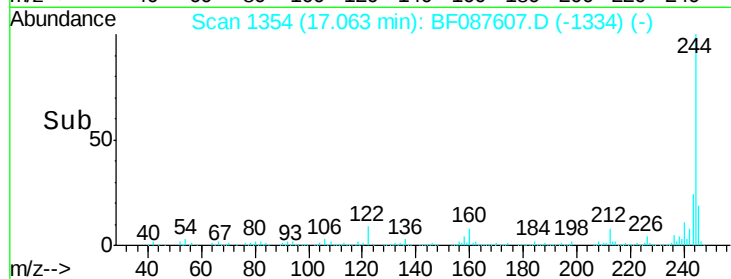
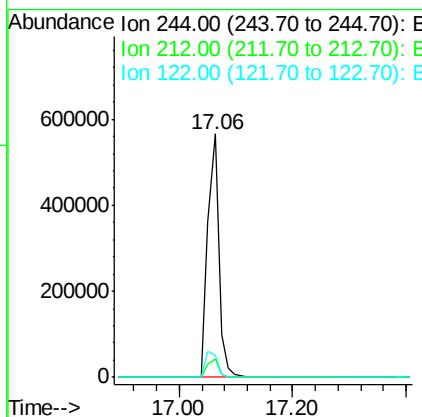
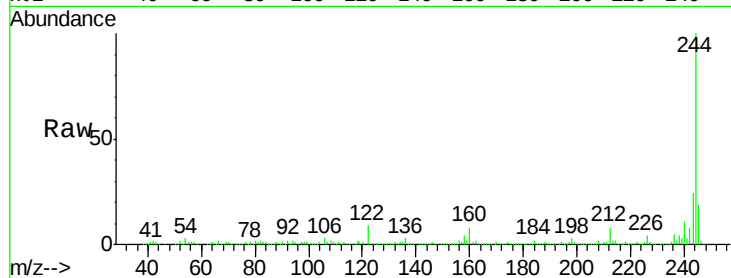
#78
 Terphenyl-d14
 Concen: 59.52 ng
 RT: 17.06 min Scan# 1354
 Delta R.T. -0.07 min
 Lab File: BF087607.D
 Acq: 1 Jun 2016 6:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.8	6.2	9.2	
122	9.1	12.0	18.0	

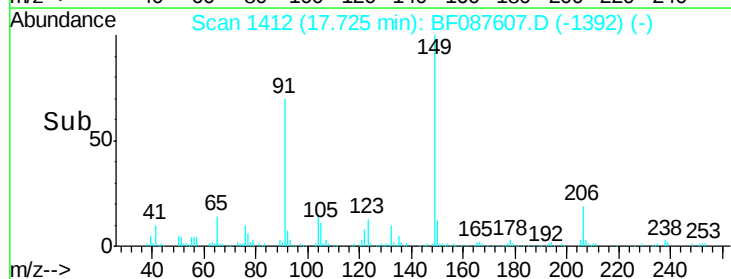
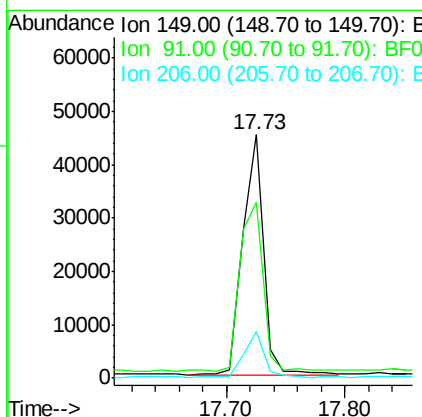
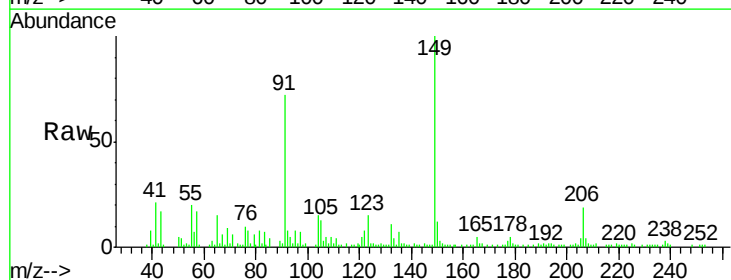
Manual Integrations
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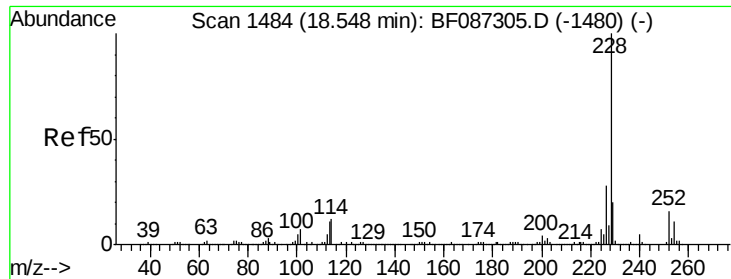
sohil
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#79
 Butylbenzylphthalate
 Concen: 6.56 ng
 RT: 17.73 min Scan# 1412
 Delta R.T. -0.07 min
 Lab File: BF087607.D
 Acq: 1 Jun 2016 6:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	72.0	48.0	72.0	
206	19.0	15.8	23.6	





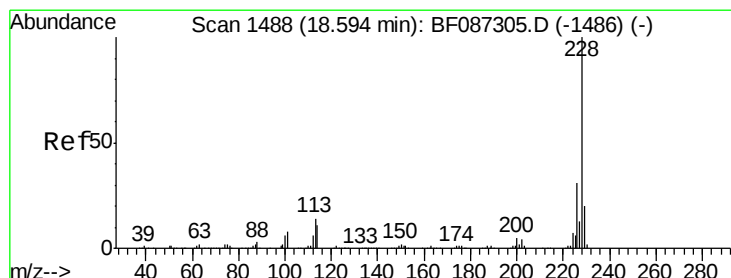
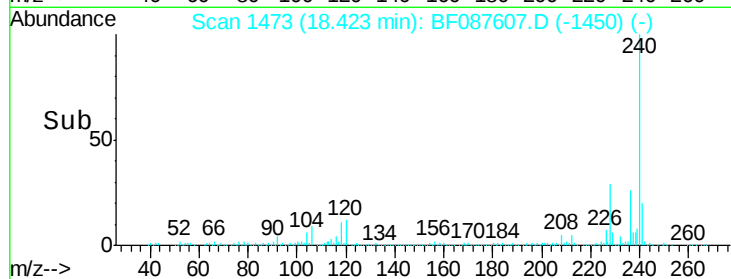
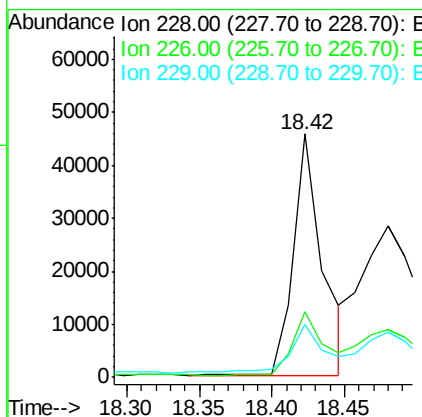
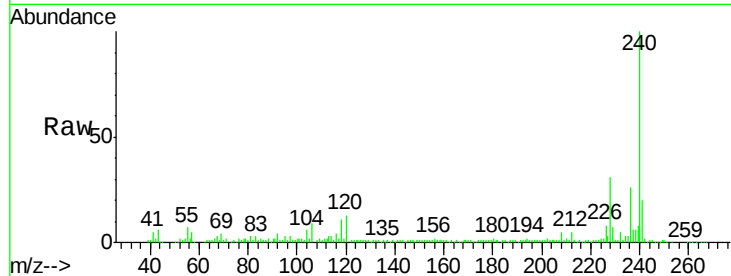
#80
Benzo(a)anthracene
Concen: 4.25 ng
RT: 18.42 min Scan# 1473
Delta R.T. -0.03 min
Lab File: BF087607.D
Acq: 1 Jun 2016 6:02

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.5	33.7
229	21.6	16.6	25.0

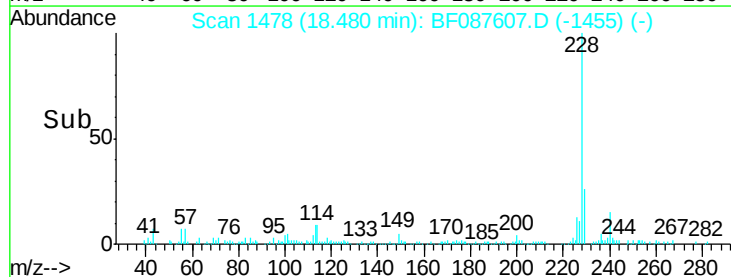
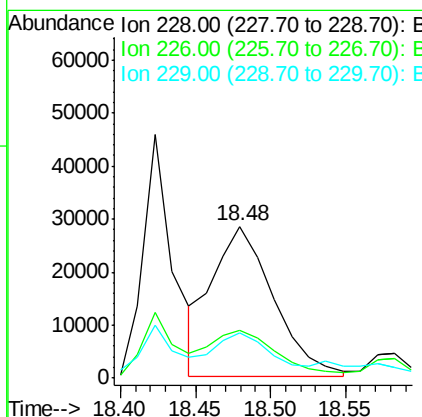
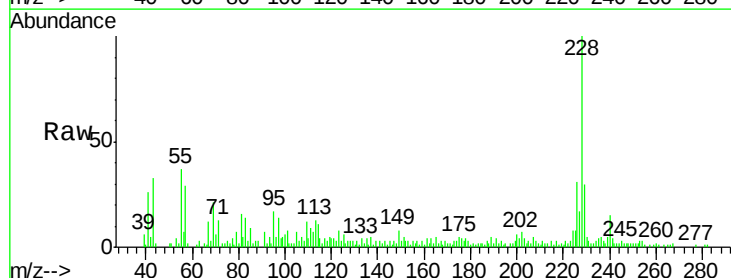
Manual Integrations
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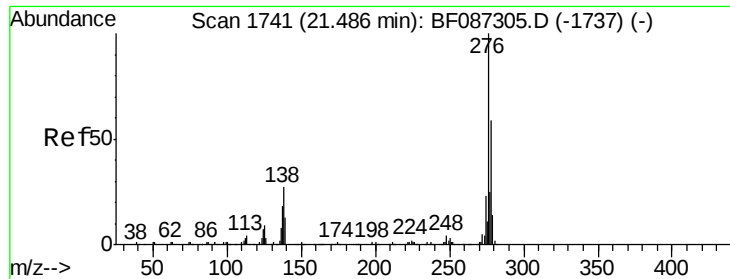
sohil
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#82
Chrysene
Concen: 5.45 ng m
RT: 18.48 min Scan# 1478
Delta R.T. -0.03 min
Lab File: BF087607.D
Acq: 1 Jun 2016 6:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.4	36.6
229	29.6	15.8	23.8





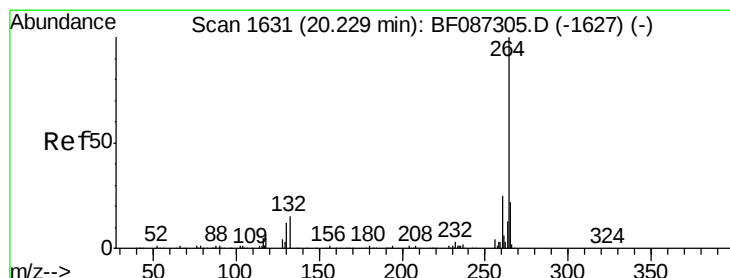
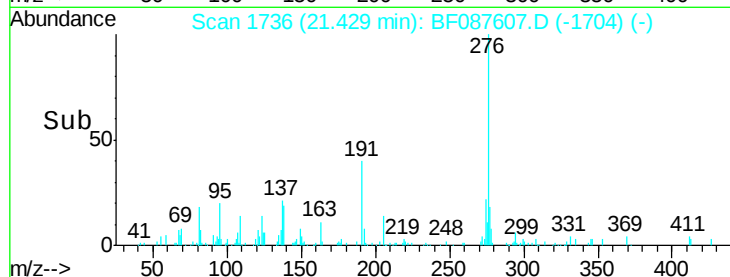
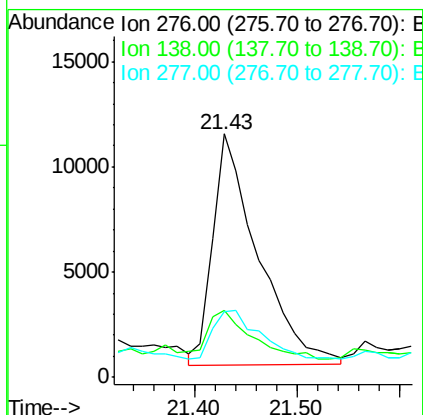
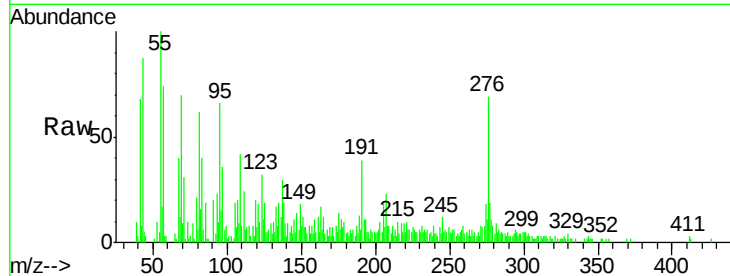
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.86 ng/ml
RT: 21.43 min Scan# 1736
Delta R.T. 0.07 min
Lab File: BF087607.D
Acq: 1 Jun 2016 6:02

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tot Ion	Ratio	Lower	Upper
276	100		
138	6.1	25.6	38.4#
277	11.7	20.5	30.7#

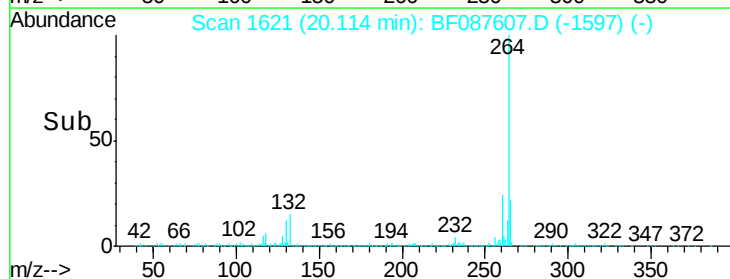
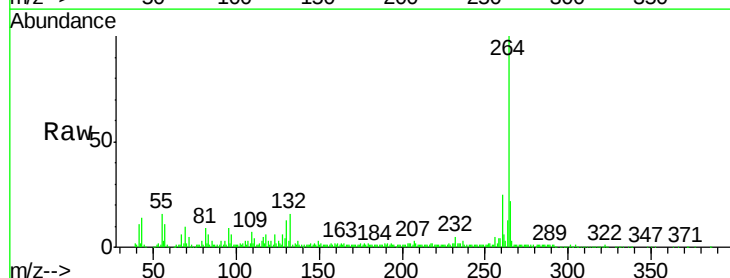
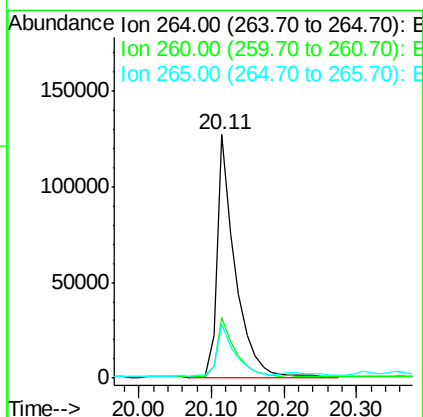
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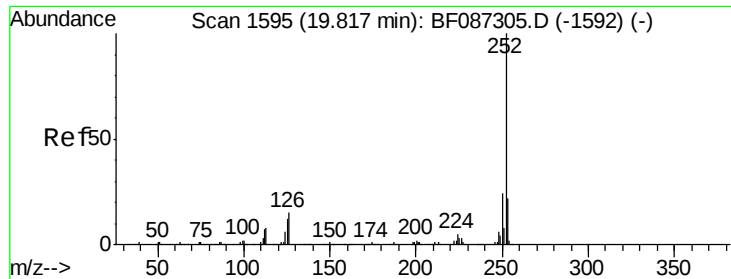
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#86
Perylene-d12
Concen: 20.00 ng
RT: 20.11 min Scan# 1621
Delta R.T. -0.02 min
Lab File: BF087607.D
Acq: 1 Jun 2016 6:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	22.1	17.3	25.9





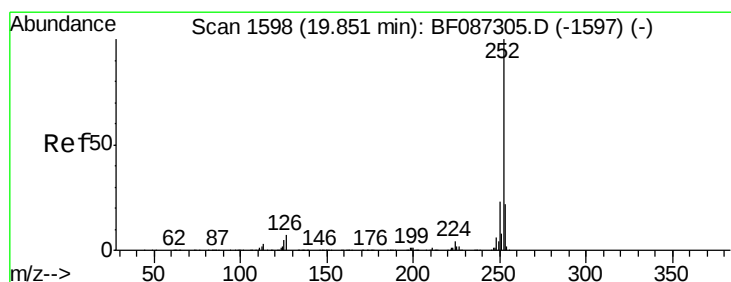
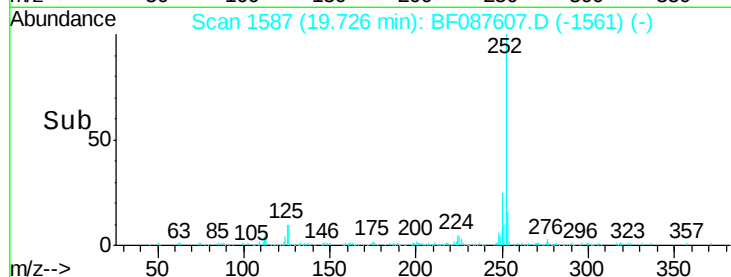
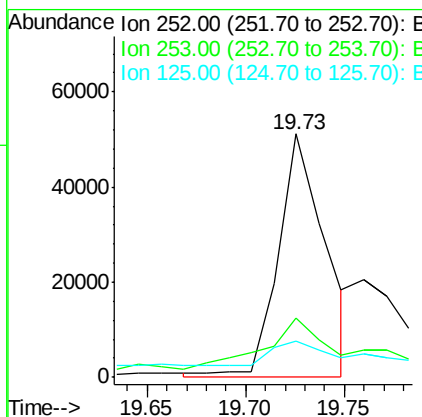
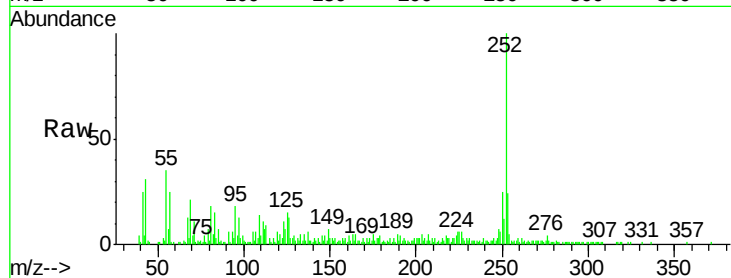
#87
Benzo(b)fluoranthene
Concen: 6.25 ng m
RT: 19.73 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF087607.D
Acq: 1 Jun 2016 6:02

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.8	26.6
125	15.0	11.4	17.0

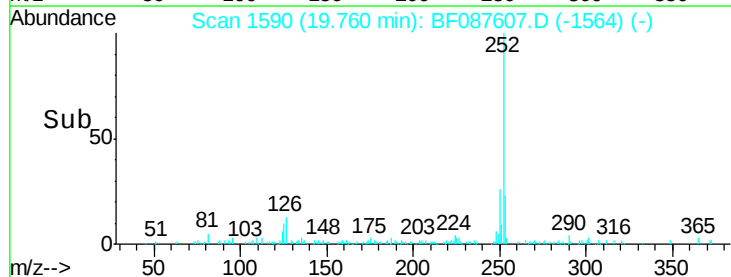
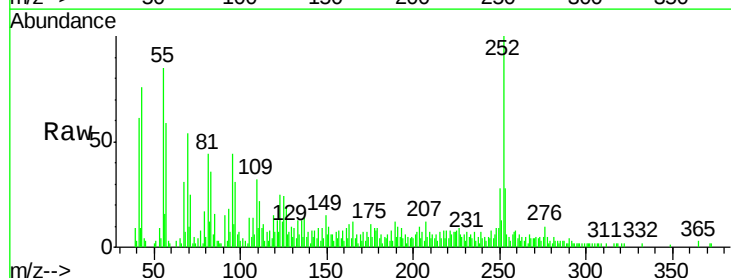
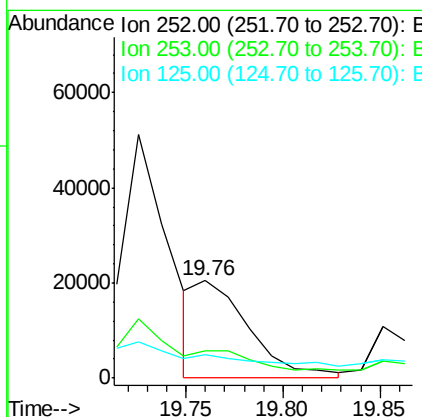
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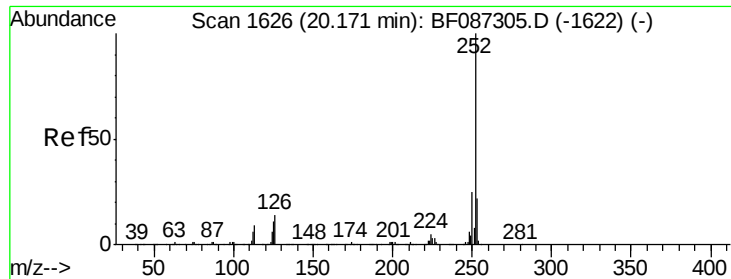
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#88
Benzo(k)fluoranthene
Concen: 3.34 ng m
RT: 19.76 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BF087607.D
Acq: 1 Jun 2016 6:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.1	17.8	26.6#
125	23.8	9.1	13.7#





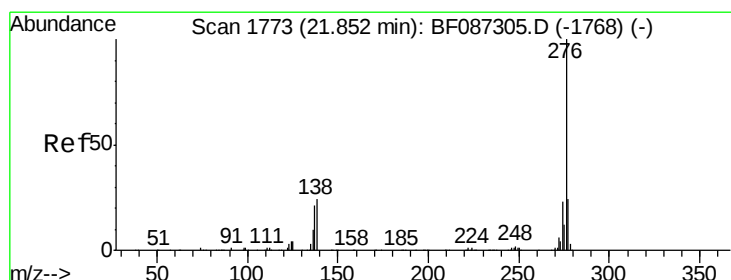
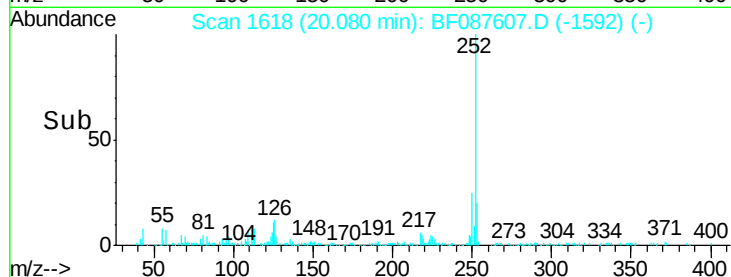
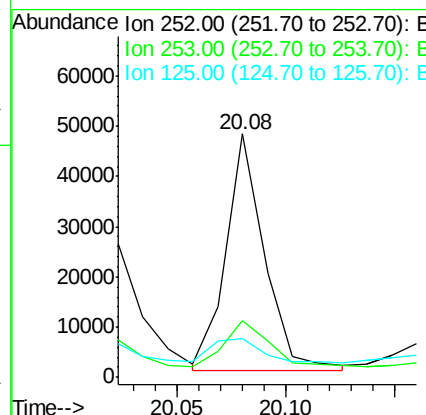
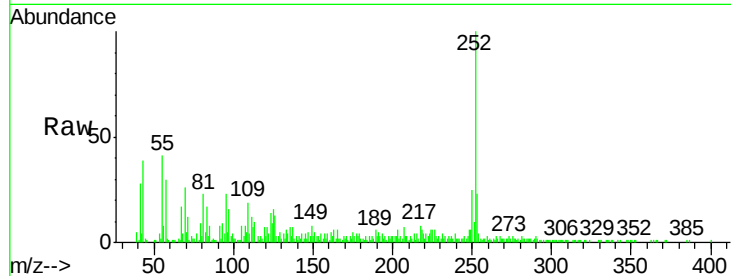
#89
Benzo(a)pyrene
Concen: 4.87 ng
RT: 20.08 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BF087607.D
Acq: 1 Jun 2016 6:02

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.2	25.8
125	15.8	9.0	13.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 3.34 ng m
RT: 21.79 min Scan# 1768
Delta R.T. 0.08 min
Lab File: BF087607.D
Acq: 1 Jun 2016 6:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	31.0	19.6	29.4
138	25.2	23.6	35.4

