

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
 Data File : BF087999.D
 Acq On : 14 Jun 2016 10:12
 Operator : UM/SJ
 Sample : H3395-16DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STA-953-PLATFORM(0-4)DL

Manual Integrations
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Quant Time: Jun 14 19:33:07 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 14:10:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	116335	20.00	ng	0.01
21) Naphthalene-d8	8.08	136	447673	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	217547	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	315376	20.00	ng	0.00
75) Chrysene-d12	13.95	240	249095	20.00	ng	0.00
86) Perylene-d12	15.37	264	230000	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	159527	23.44	ng	0.00
7) Phenol-d6	6.42	99	193097	23.41	ng	-0.01
23) Nitrobenzene-d5	7.36	82	116591	15.21	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	33965	14.79	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	212520	10.49	ng	0.00
78) Terphenyl-d14	12.90	244	131636	12.03	ng	0.00
Target Compounds						Qvalue
48) Acenaphthylene	9.70	152	69105	3.09	ng	98
70) Phenanthrene	11.34	178	54373	3.29	ng	99
71) Anthracene	11.39	178	58676	3.51	ng	98
74) Fluoranthene	12.53	202	535955	30.69	ng	96
77) Pyrene	12.75	202	423813	22.93	ng	98
80) Benzo(a)anthracene	13.94	228	277073m	19.52	ng	
82) Chrysene	13.98	228	203229m	15.22	ng	
85) Indeno(1,2,3-cd)pyrene	16.72	276	92434	7.45	ng	# 100
87) Benzo(b)fluoranthene	14.97	252	343440m	21.42	ng	
88) Benzo(k)fluoranthene	14.98	252	82213m	6.80	ng	
89) Benzo(a)pyrene	15.30	252	186837	14.41	ng	98
90) Dibenzo(a,h)anthracene	16.73	278	24096m	2.00	ng	
91) Benzo(a,h,i)perylene	17.13	276	73209	5.91	ng	97

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

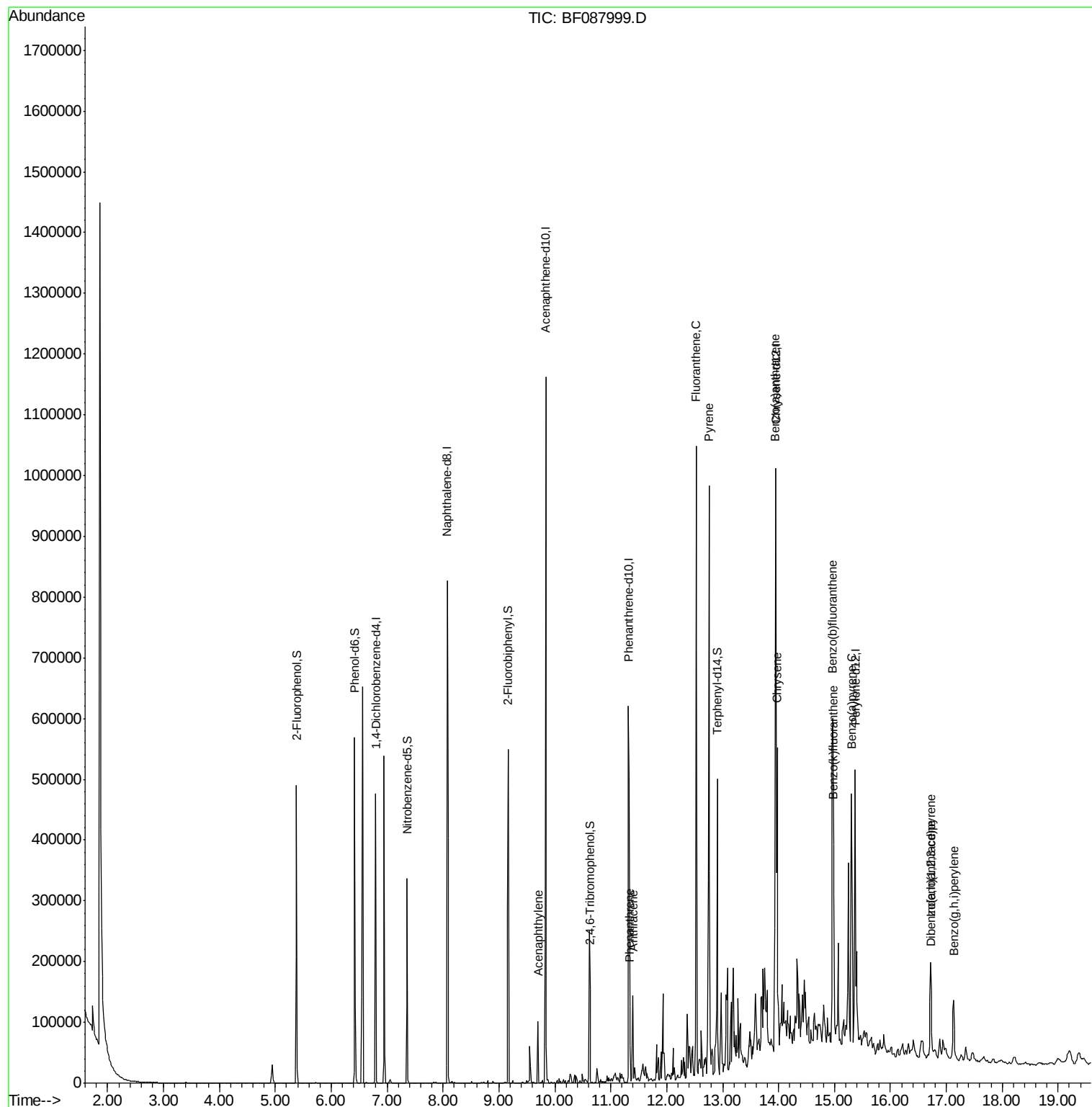
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF087999.D
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STA-953-PLATFORM(0-4)DL

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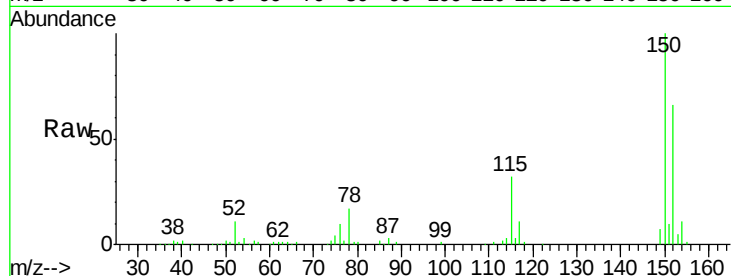




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 456
Delta R.T. 0.01 min
Lab File: BF087999.D
Acq: 14 Jun 2016 10:12

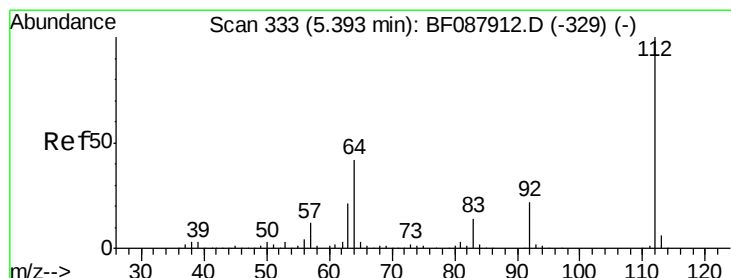
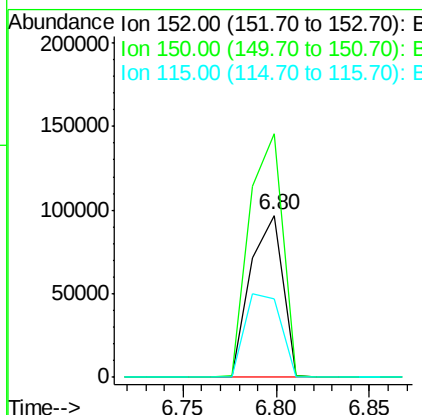
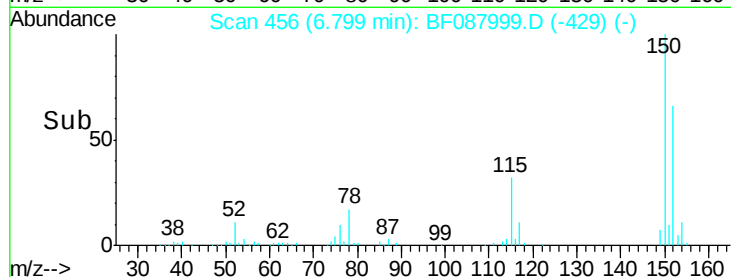
Instrument :
BNA_F
ClientSampleId :
STA-953-PLATFORM(0-4)DL



Tot Ion	Ratio	Resp	Lower	Upper
152	100	116335		
150	150.5	123.8	185.6	
115	48.7	39.6	59.4	

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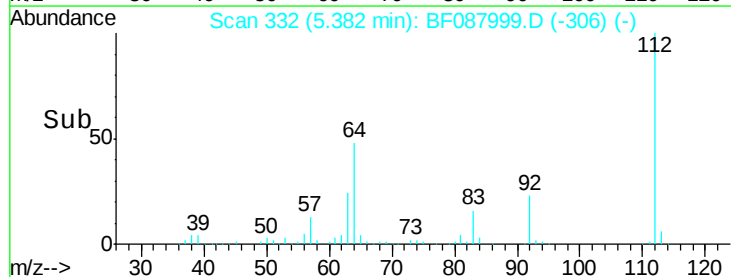
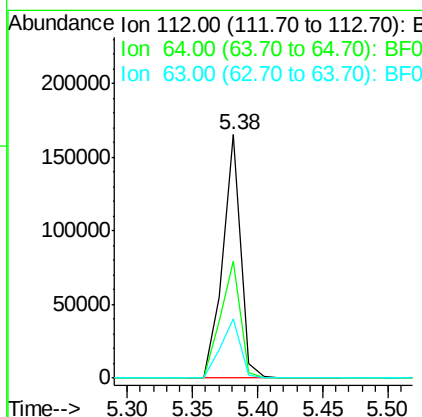
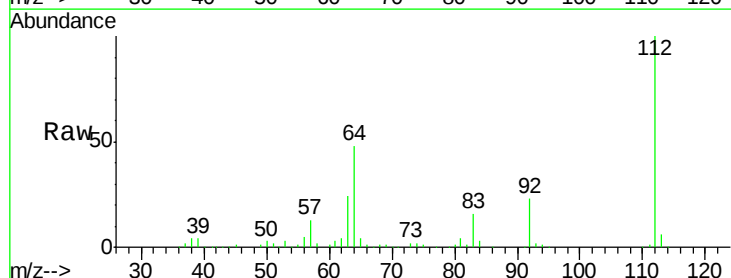
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#5

2-Fluorophenol
Concen: 23.44 ng
RT: 5.38 min Scan# 332
Delta R.T. -0.00 min
Lab File: BF087999.D
Acq: 14 Jun 2016 10:12

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	159527		
64	47.8	42.2	63.2	
63	24.4	21.8	32.8	





#7

Phenol-d6

Concen: 23.41 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF087999.D

Acq: 14 Jun 2016 10:12

Instrument :

BNA_F

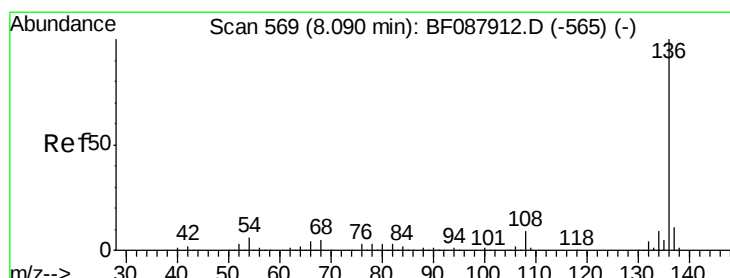
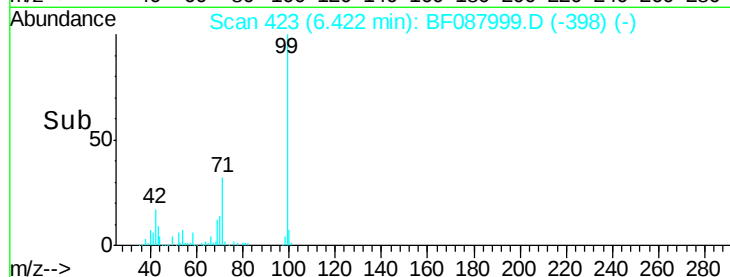
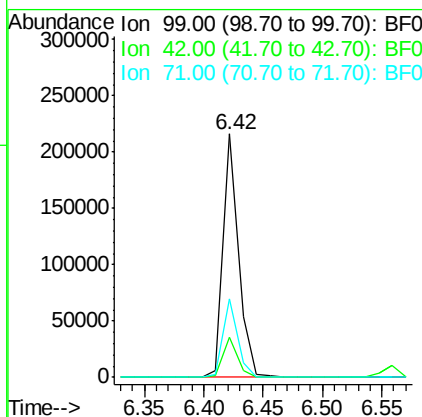
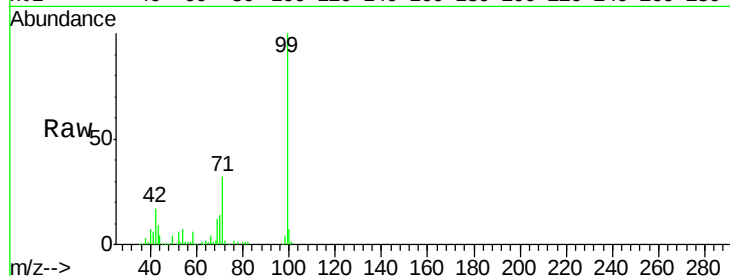
ClientSampleId :

STA-953-PLATFORM(0-4)DL

Tot Ion:	99	Resp:	193097
Ion Ratio	Lower	Upper	
99	100		
42	16.7	12.2	18.2
71	32.0	23.4	35.0

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#21

Naphthalene-d8

Concen: 20.00 ng

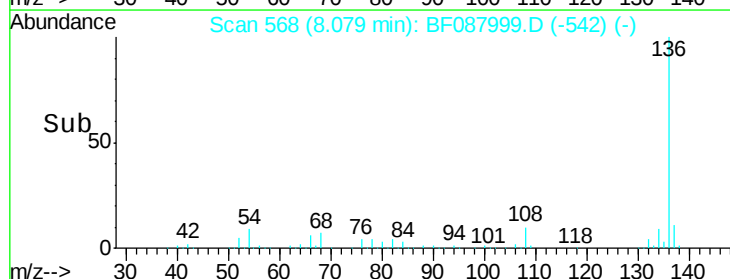
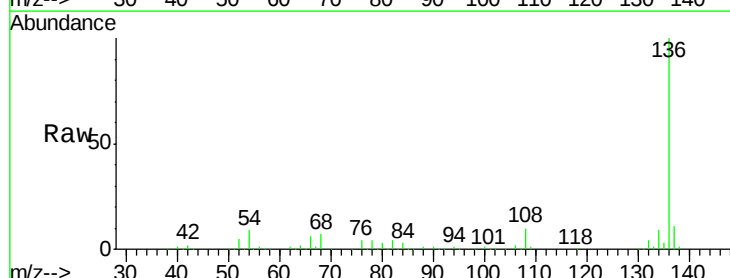
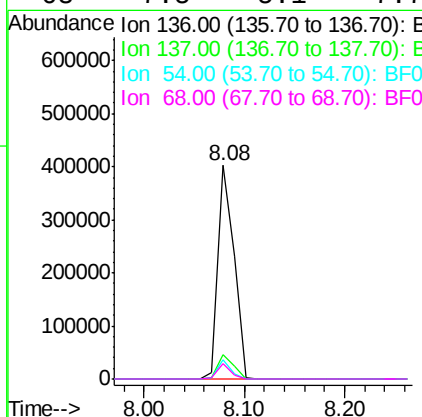
RT: 8.08 min Scan# 568

Delta R.T. -0.00 min

Lab File: BF087999.D

Acq: 14 Jun 2016 10:12

Tgt Ion:	136	Resp:	447673
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.1	13.7
54	9.1	6.6	10.0
68	7.5	5.1	7.7





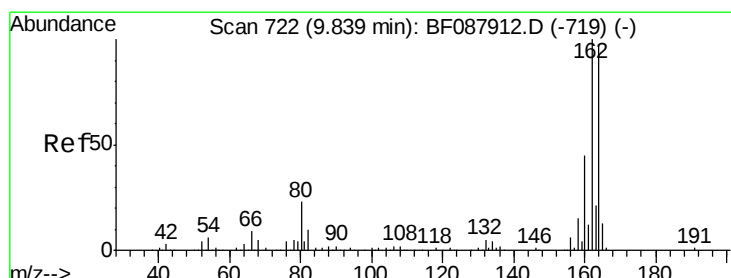
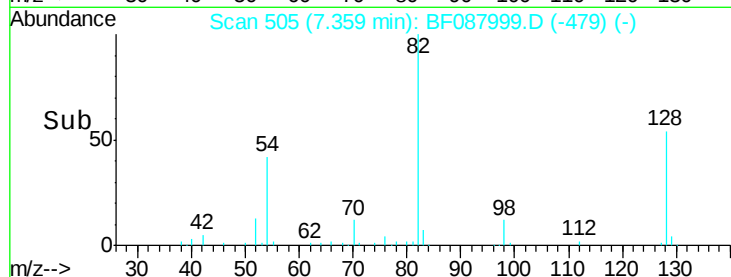
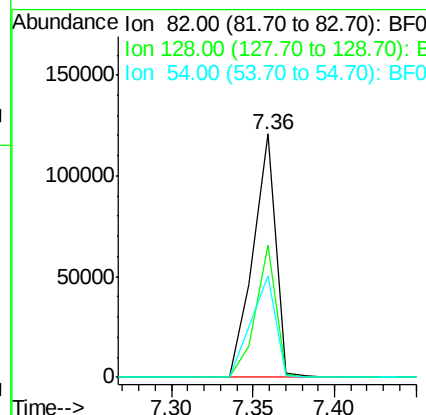
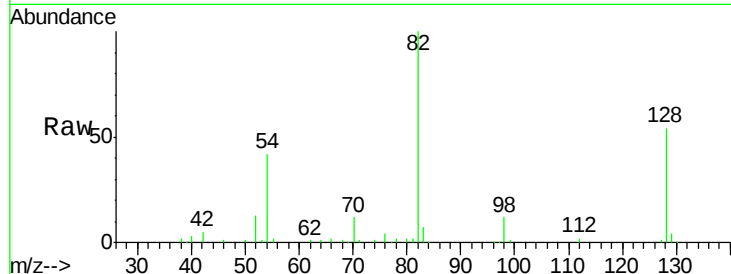
#23
 Nitrobenzene-d5
 Concen: 15.21 ng
 RT: 7.36 min Scan# 505
 Delta R.T. -0.00 min
 Lab File: BF087999.D
 Acq: 14 Jun 2016 10:12

Instrument :
 BNA_F
 ClientSampleId :
 STA-953-PLATFORM(0-4)DL

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	54.1	35.9	53.9#	
54	41.6	40.9	61.3	

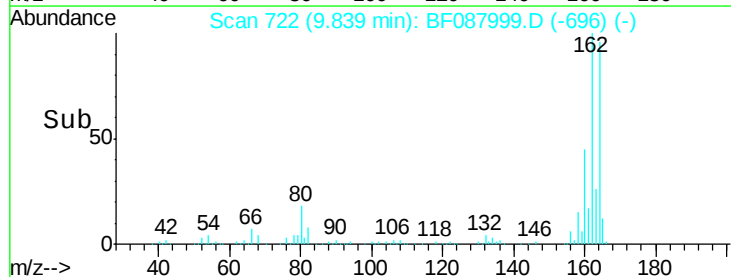
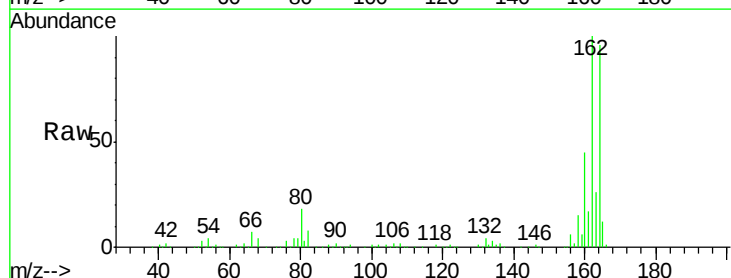
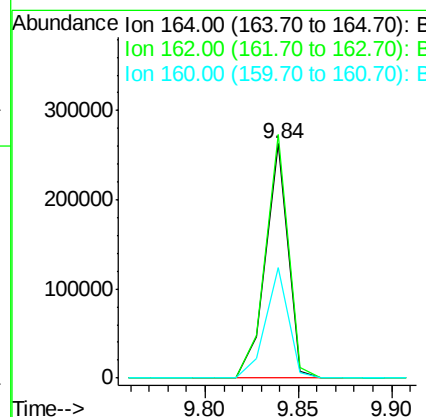
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.00 min
 Lab File: BF087999.D
 Acq: 14 Jun 2016 10:12

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.0	85.4	128.2	
160	47.3	39.5	59.3	





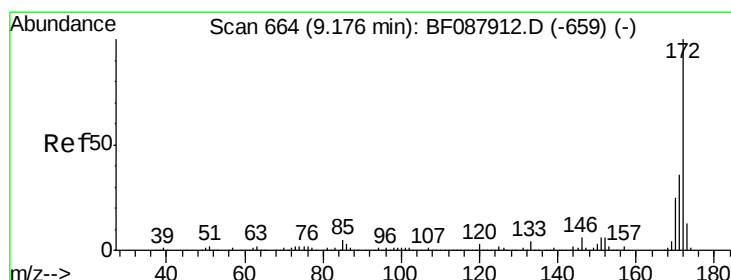
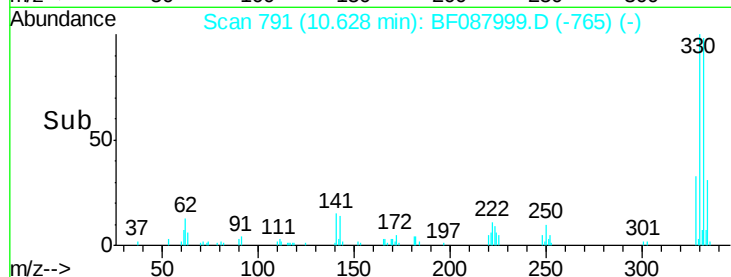
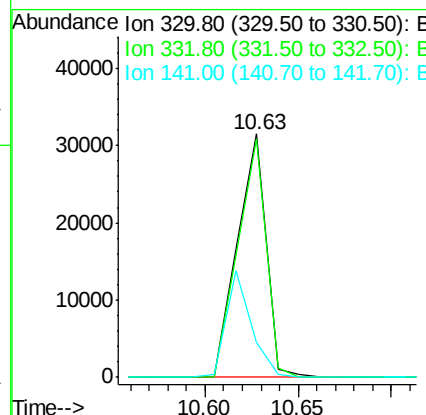
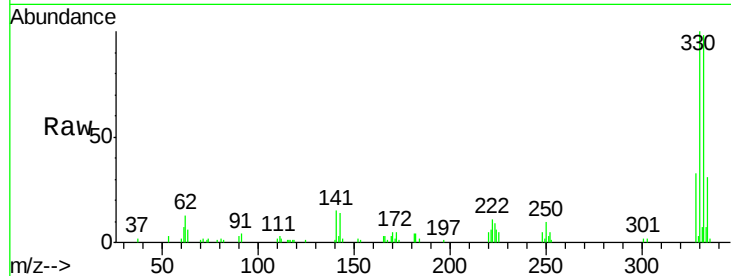
#41
 2,4,6-Tribromophenol
 Concen: 14.79 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF087999.D
 Acq: 14 Jun 2016 10:12

Instrument :
 BNA_F
 ClientSampleId :
 STA-953-PLATFORM(0-4)DL

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	38.4	0.0	0.0#

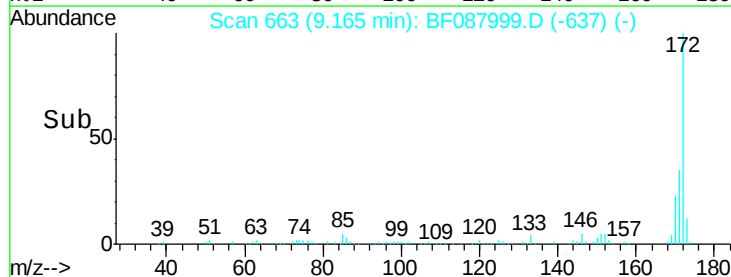
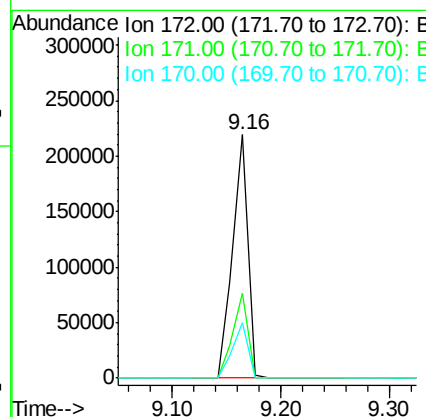
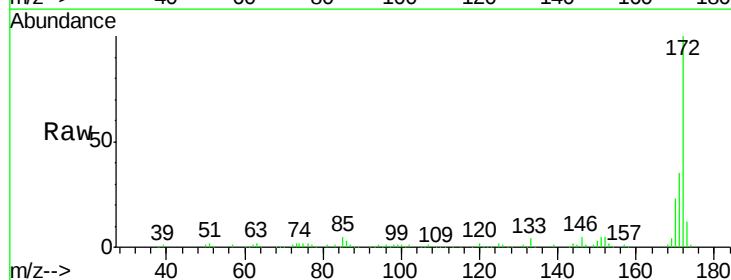
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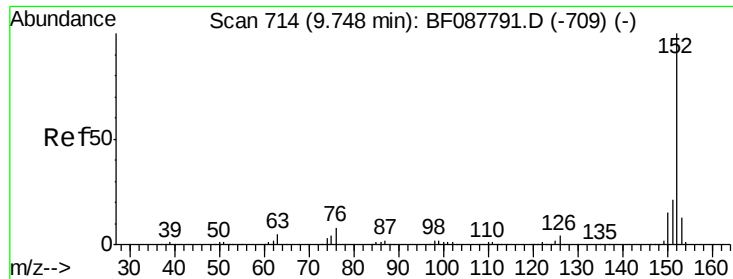
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#44
 2-Fluorobiphenyl
 Concen: 10.49 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF087999.D
 Acq: 14 Jun 2016 10:12

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	35.0	28.6	43.0
170	22.7	19.2	28.8





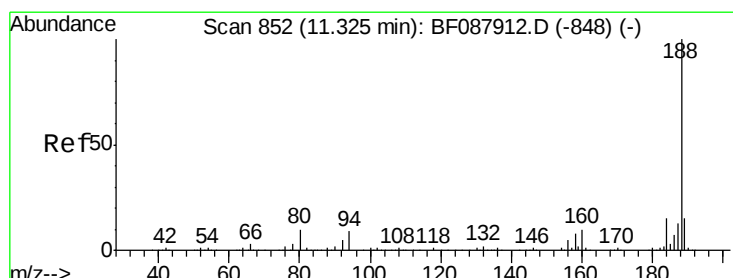
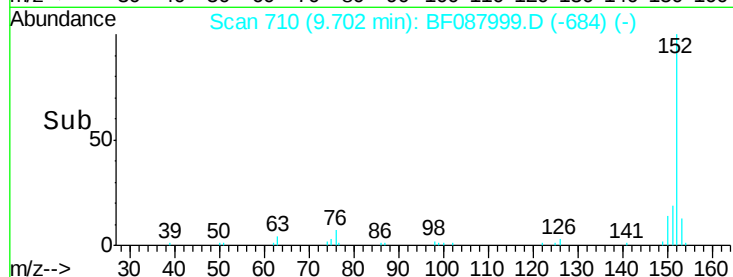
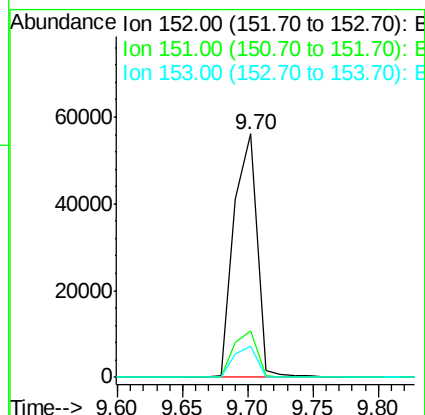
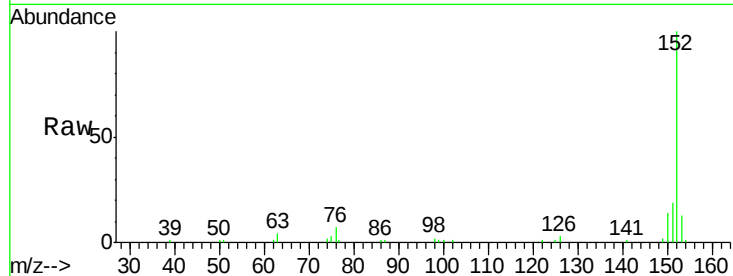
#48
Acenaphthylene
Concen: 3.09 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.00 min
Lab File: BF087999.D
Acq: 14 Jun 2016 10:12

Instrument :
BNA_F
ClientSampleId :
STA-953-PLATFORM(0-4)DL

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.2	24.4
153	13.0	11.0	16.6

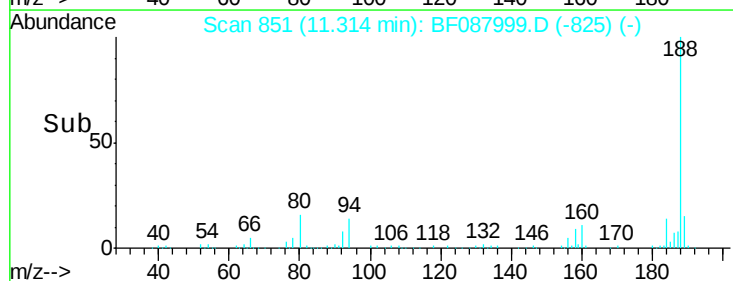
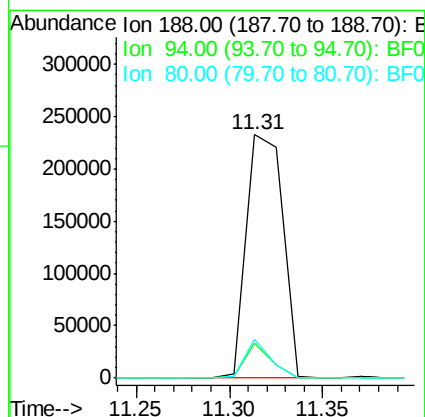
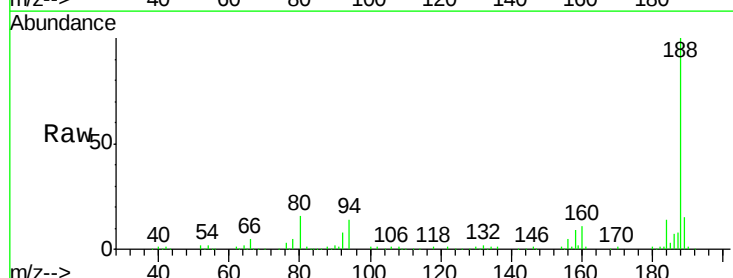
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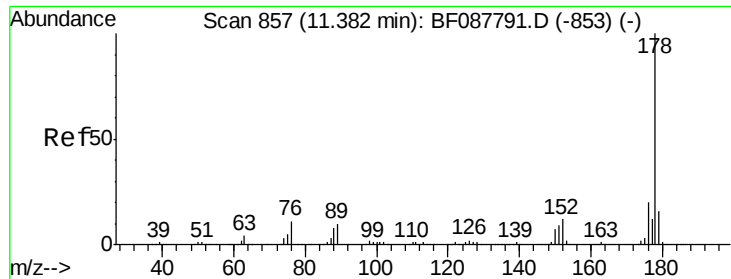
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF087999.D
Acq: 14 Jun 2016 10:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	14.3	9.0	13.6#
80	16.0	10.0	15.0#





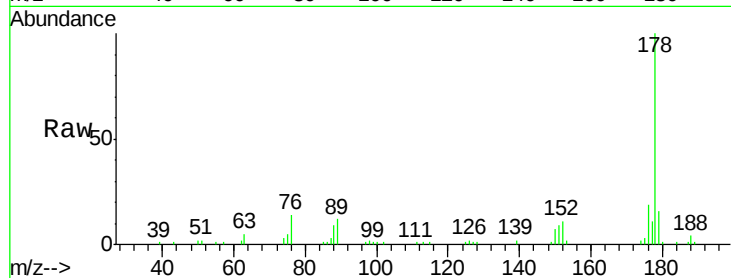
#70
Phenanthrene
Concen: 3.29 ng
RT: 11.34 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF087999.D
Acq: 14 Jun 2016 10:12

Instrument :
BNA_F
ClientSampleId :
STA-953-PLATFORM(0-4)DL

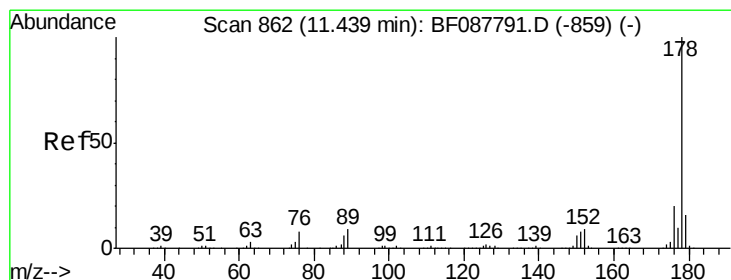
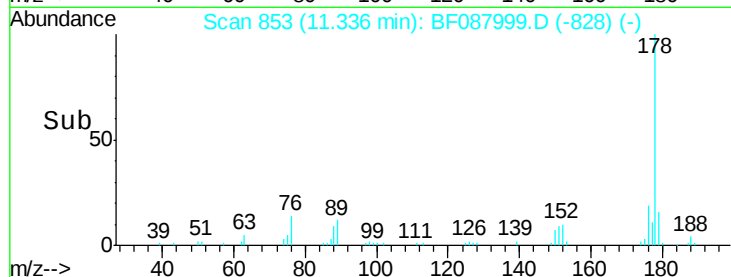
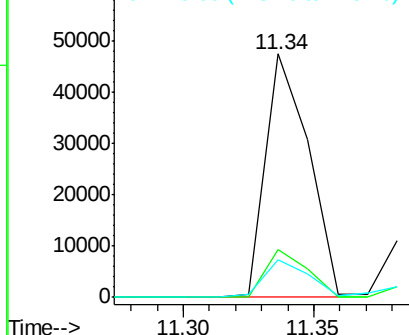
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.6
179	15.6	13.0	19.4

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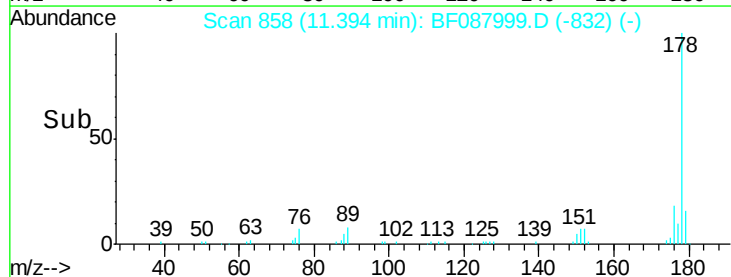
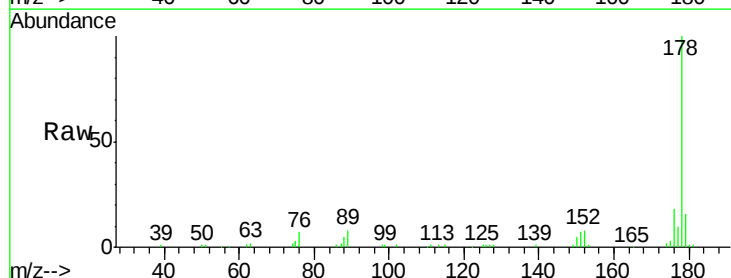
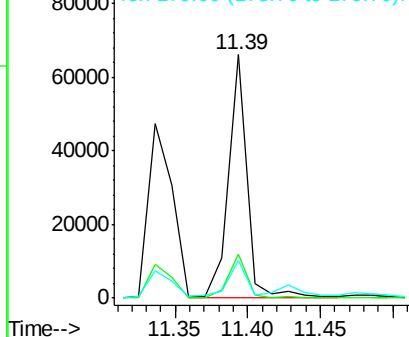
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Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

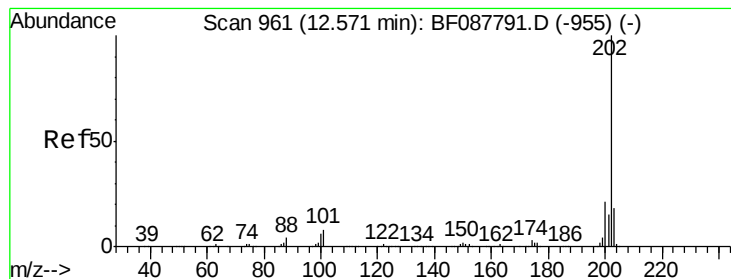


#71
Anthracene
Concen: 3.51 ng
RT: 11.39 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF087999.D
Acq: 14 Jun 2016 10:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.6	23.4
179	15.6	12.8	19.2

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: 30.69 ng

RT: 12.53 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF087999.D

Acq: 14 Jun 2016 10:12

Instrument :

BNA_F

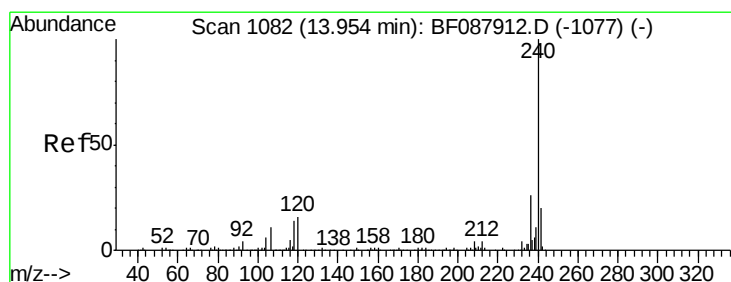
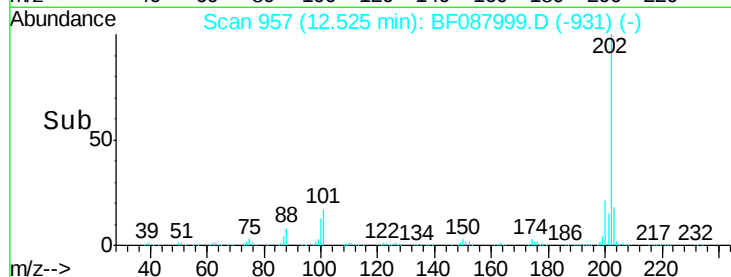
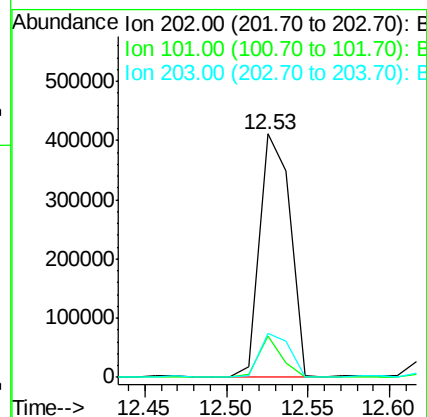
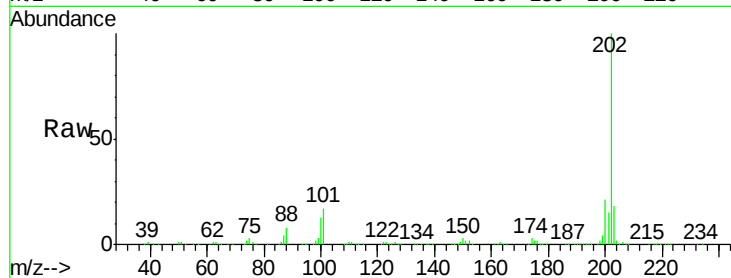
ClientSampleId :

STA-953-PLATFORM(0-4)DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	17.1	0.0	33.1
203	17.9	0.0	38.1

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#75

Chrysene-d12

Concen: 20.00 ng

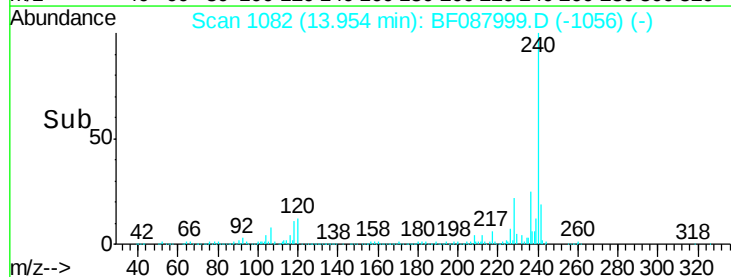
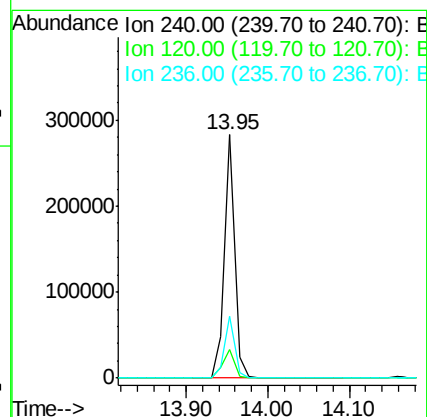
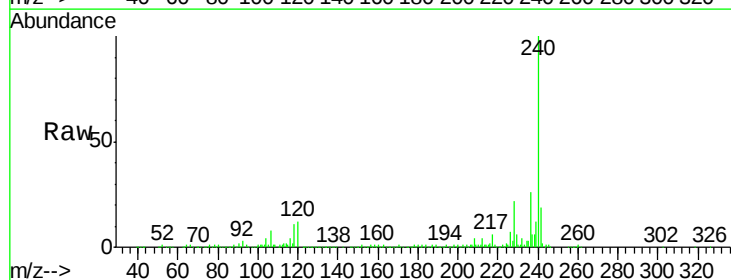
RT: 13.95 min Scan# 1082

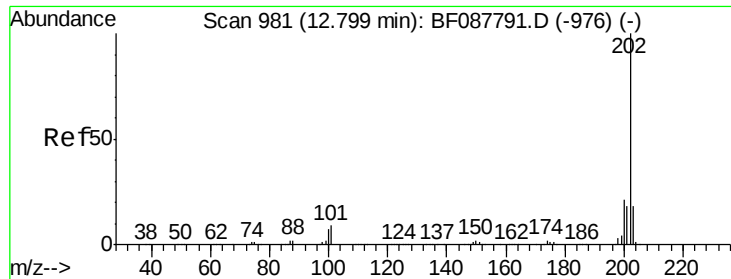
Delta R.T. -0.00 min

Lab File: BF087999.D

Acq: 14 Jun 2016 10:12

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.8	6.8	10.2#
236	25.6	20.2	30.2





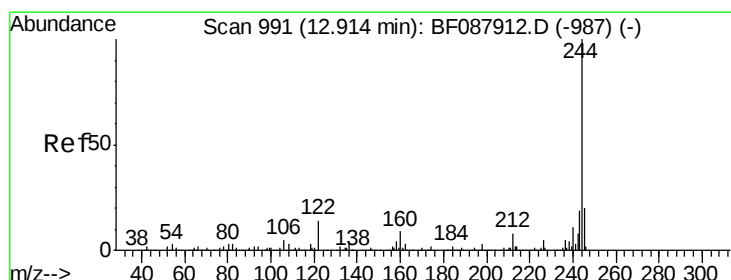
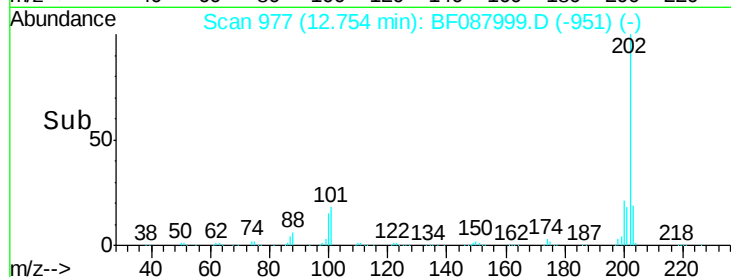
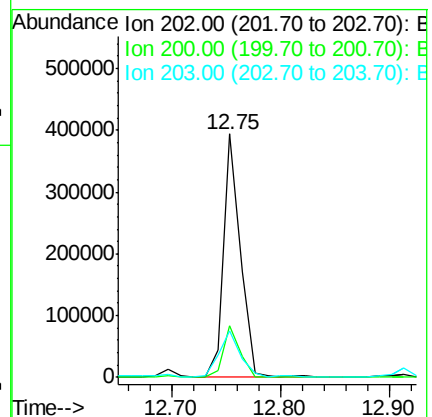
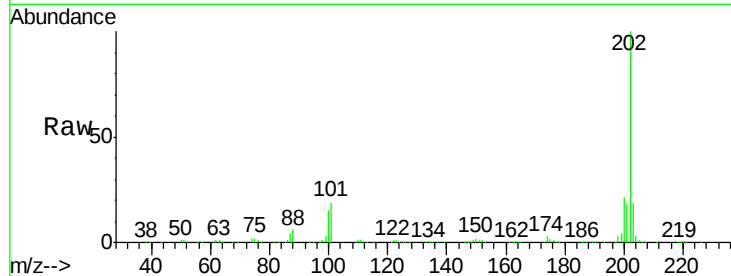
#77
Pvrene
Concen: 22.93 ng
RT: 12.75 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF087999.D
Acq: 14 Jun 2016 10:12

Instrument :
BNA_F
ClientSampleId :
STA-953-PLATFORM(0-4)DL

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	19.4	14.5	21.7

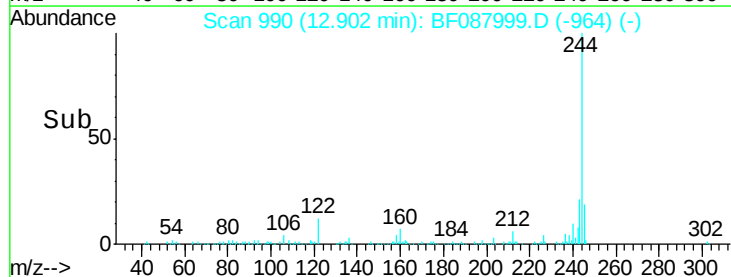
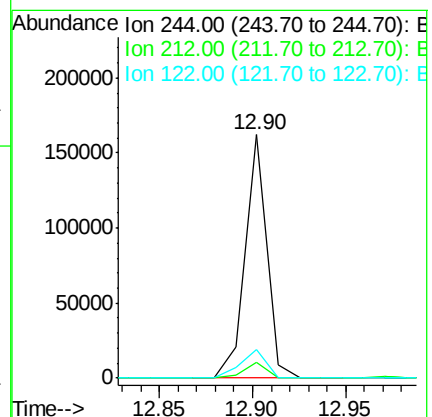
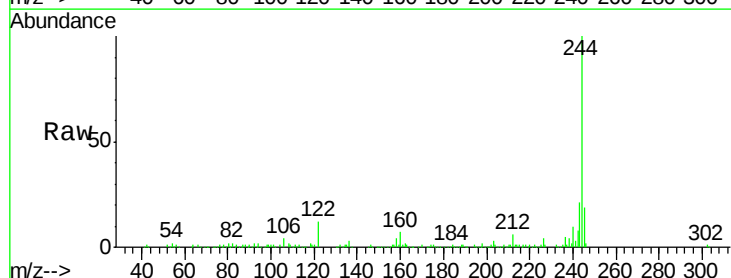
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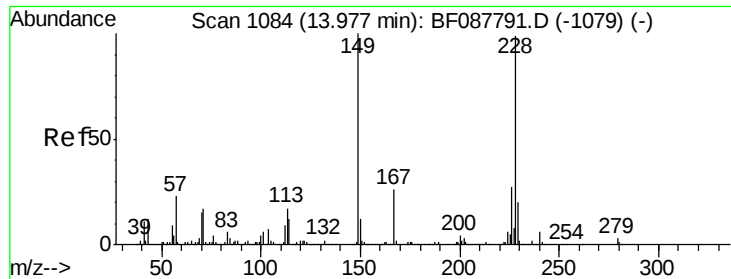
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#78
Terphenyl-d14
Concen: 12.03 ng
RT: 12.90 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF087999.D
Acq: 14 Jun 2016 10:12

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	11.7	11.2	16.8





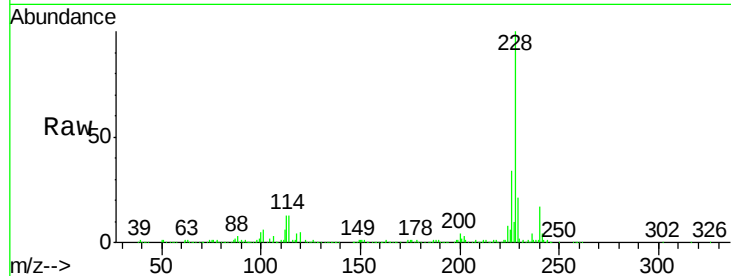
#80
Benzo(a)anthracene
Concen: 19.52 ng m
RT: 13.94 min Scan# 1081
Delta R.T. -0.00 min
Lab File: BF087999.D
Acq: 14 Jun 2016 10:12

Instrument :
BNA_F
ClientSampleId :
STA-953-PLATFORM(0-4)DL

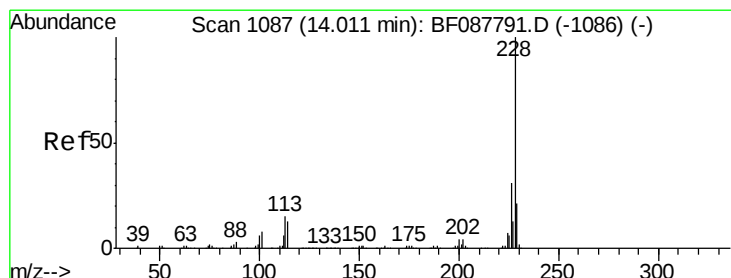
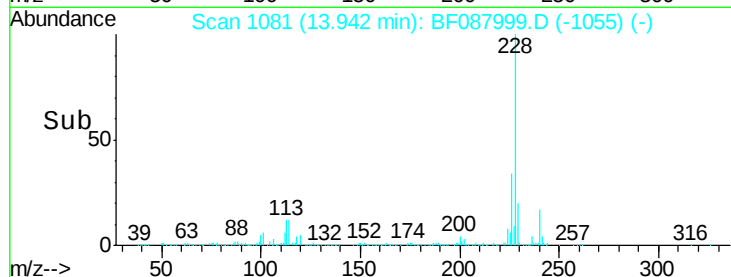
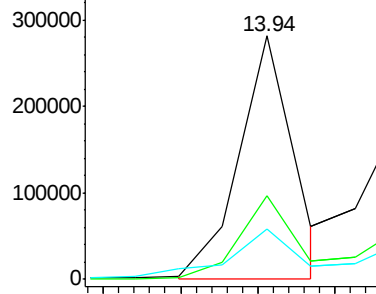
Tot Ion	Ratio	Lower	Upper
228	100		
226	34.2	22.3	33.5#
229	20.8	16.0	24.0

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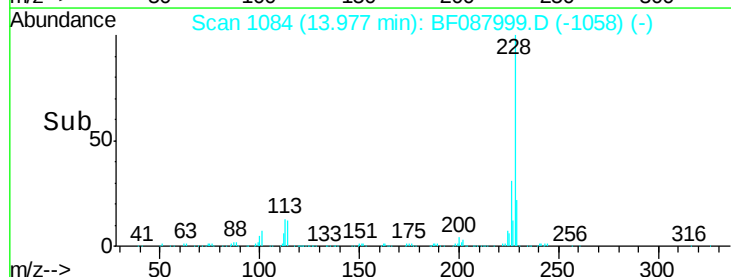
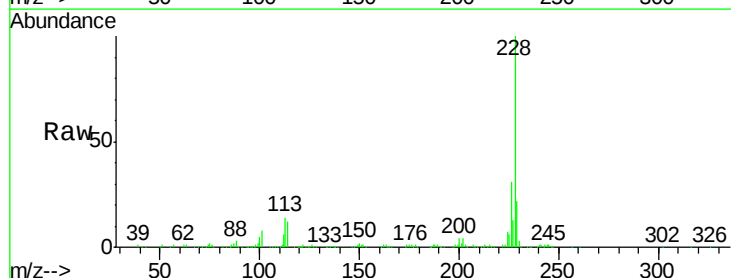
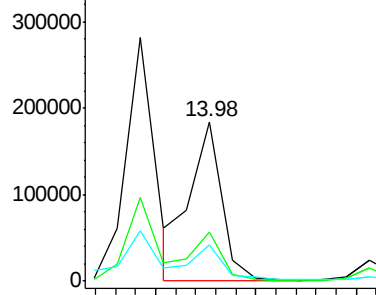
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

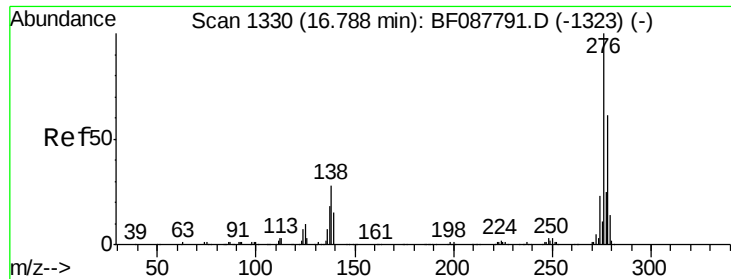


#82
Chrysene
Concen: 15.22 ng m
RT: 13.98 min Scan# 1084
Delta R.T. -0.00 min
Lab File: BF087999.D
Acq: 14 Jun 2016 10:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.4	38.2
229	22.4	16.3	24.5

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





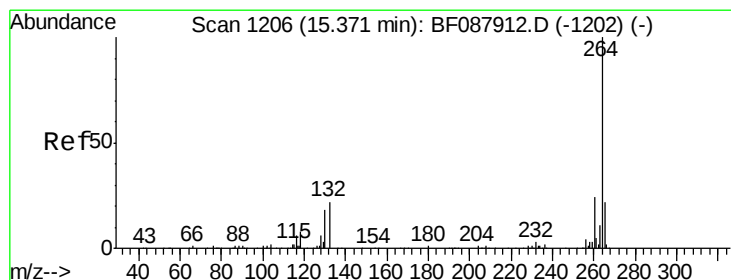
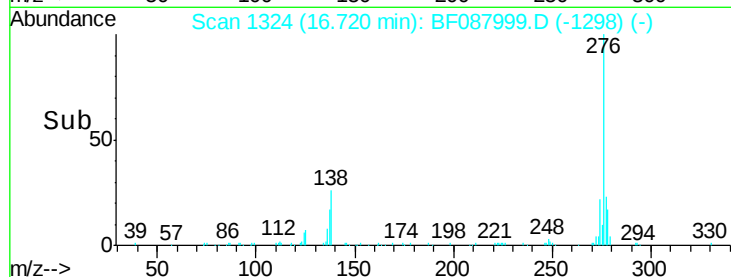
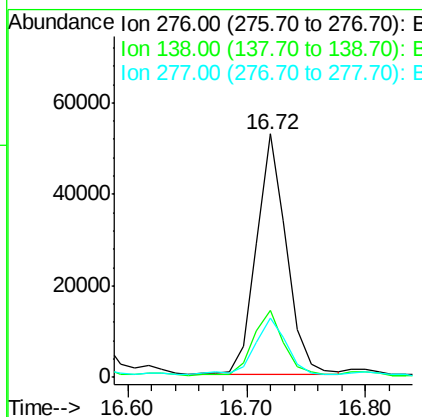
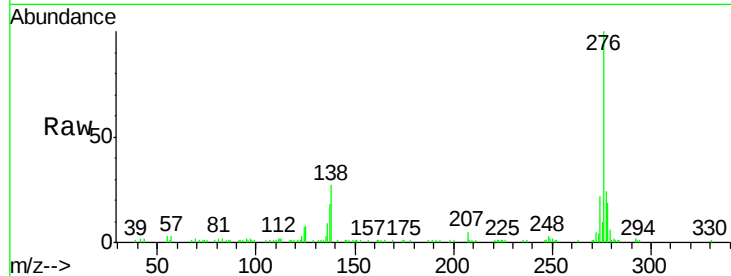
#85
Indeno(1,2,3-cd)pyrene
Concen: 7.45 ng
RT: 16.72 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF087999.D
Acq: 14 Jun 2016 10:12

Instrument :
BNA_F
ClientSampleId :
STA-953-PLATFORM(0-4)DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.4	0.0	0.0#
277	25.1	0.0	0.0#

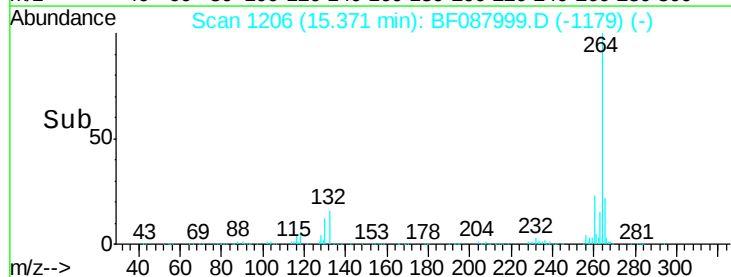
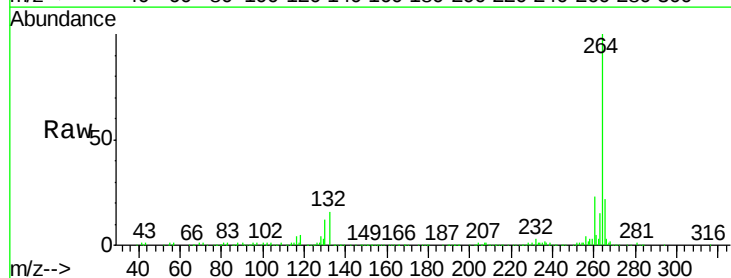
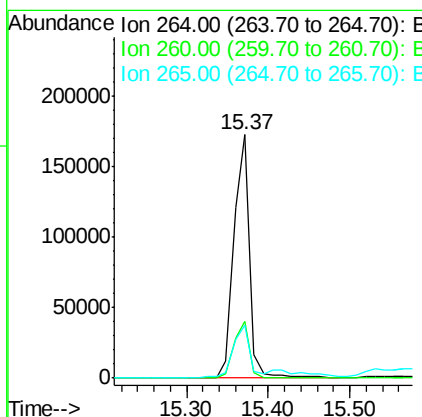
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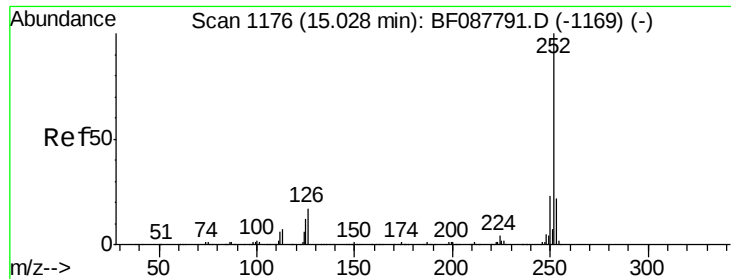
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BF087999.D
Acq: 14 Jun 2016 10:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.8	16.9	25.3





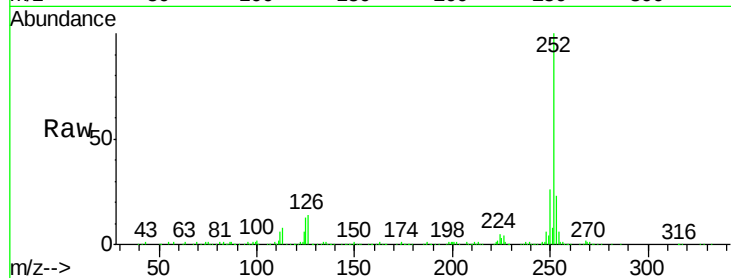
#87
Benzo(b)fluoranthene
Concen: 21.42 ng m
RT: 14.97 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BF087999.D
Acq: 14 Jun 2016 10:12

Instrument :
BNA_F
ClientSampleId :
STA-953-PLATFORM(0-4)DL

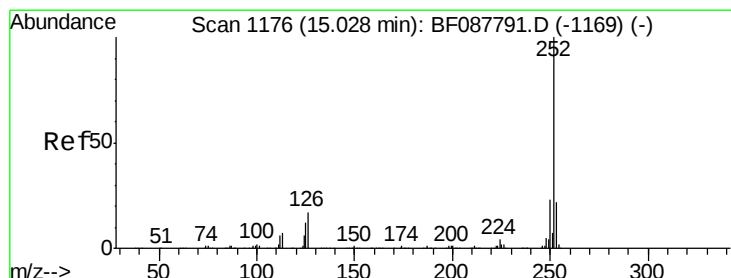
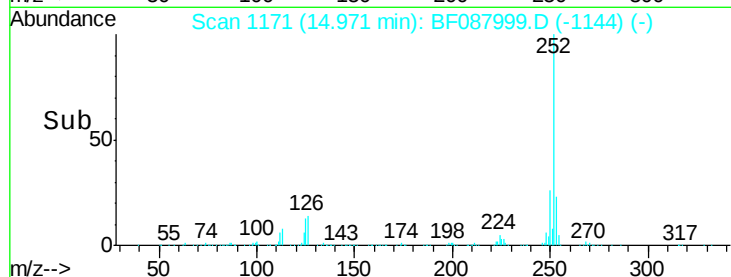
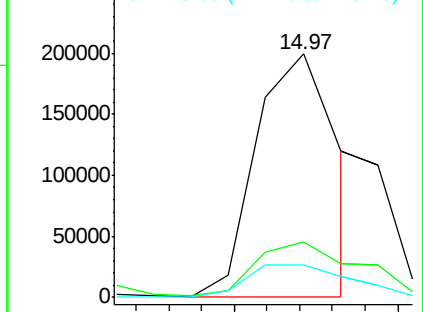
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	13.3	7.1	10.7

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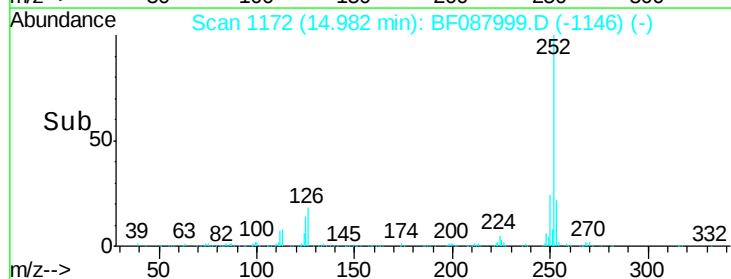
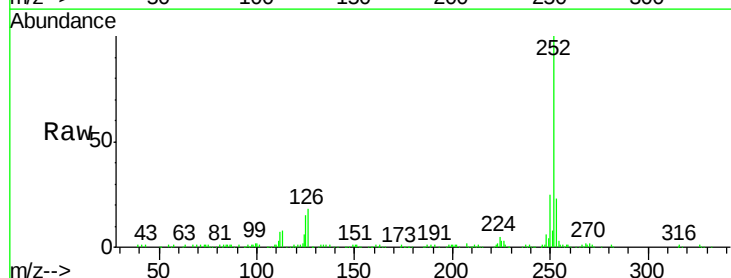
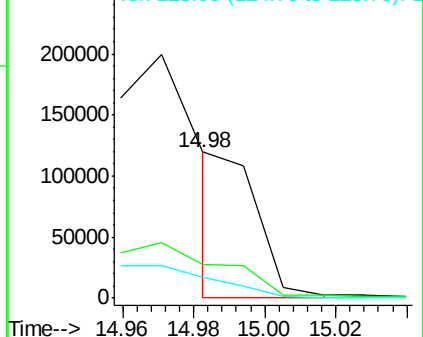
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

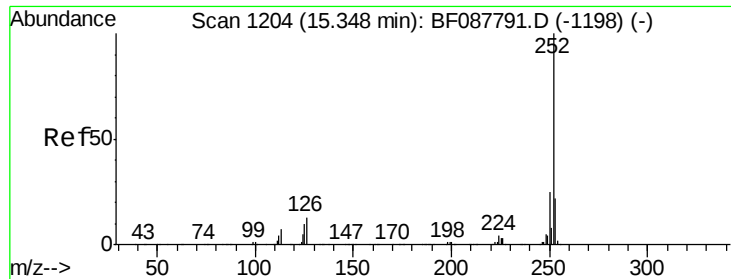


#88
Benzo(k)fluoranthene
Concen: 6.80 ng m
RT: 14.98 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF087999.D
Acq: 14 Jun 2016 10:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	14.5	11.2	16.8

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





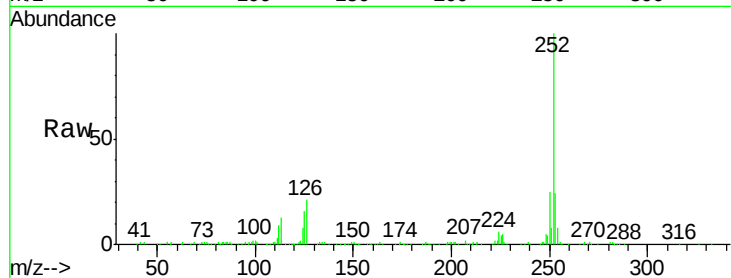
#89
Benzo(a)pyrene
Concen: 14.41 ng
RT: 15.30 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF087999.D
Acq: 14 Jun 2016 10:12

Instrument :
BNA_F
ClientSampleId :
STA-953-PLATFORM(0-4)DL

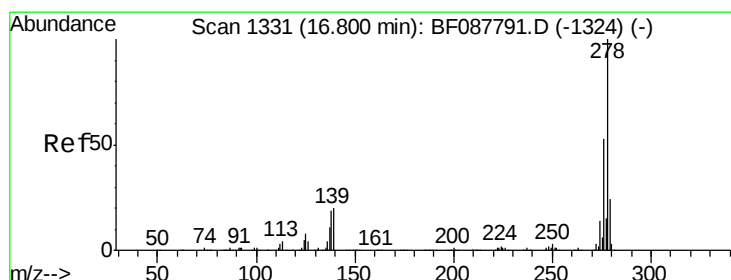
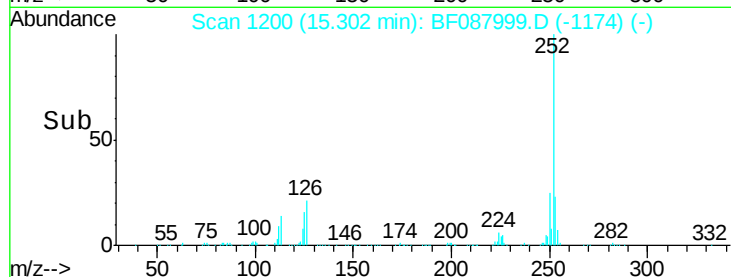
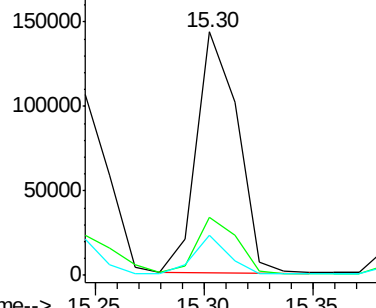
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.9	26.9
125	16.4	12.5	18.7

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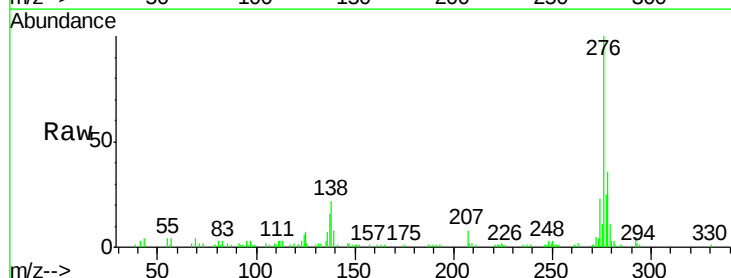


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

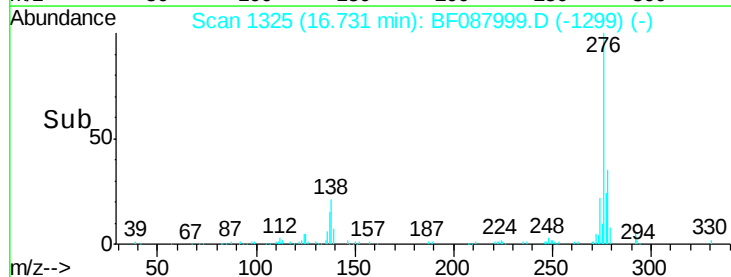
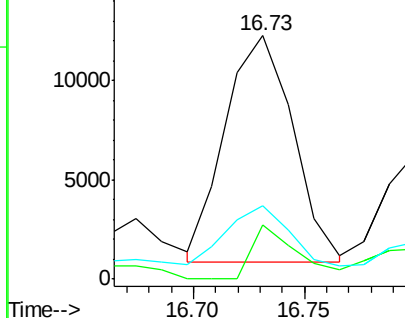


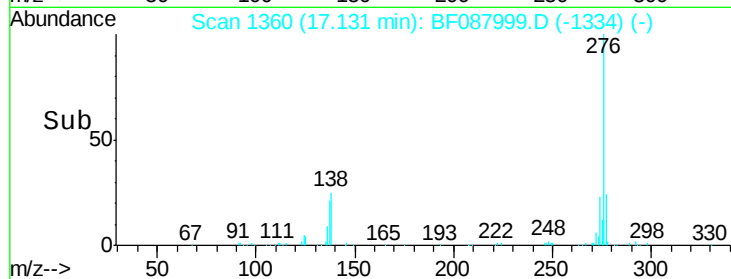
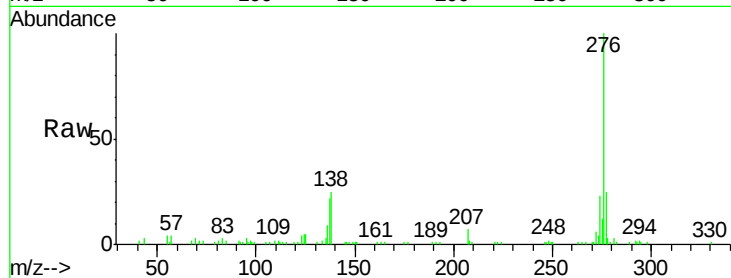
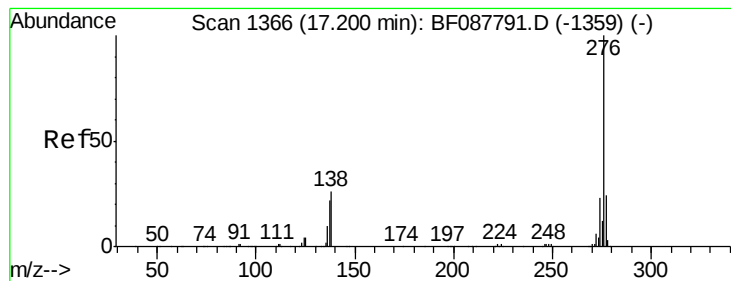
#90
Dibenzo(a,h)anthracene
Concen: 2.00 ng m
RT: 16.73 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF087999.D
Acq: 14 Jun 2016 10:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.3	15.7	23.5
279	30.0	19.4	29.2#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 5.91 ng
 RT: 17.13 min Scan# 1360
 Delta R.T. -0.00 min
 Lab File: BF087999.D
 Acq: 14 Jun 2016 10:12

Instrument :
 BNA_F
 ClientSampleId :
 STA-953-PLATFORM(0-4)DL

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.9	28.3
138	25.3	21.4	32.2

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