

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061016\
 Data File : BF087887.D
 Acq On : 10 Jun 2016 21:17
 Operator : UM/SJ
 Sample : H3395-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STA-946-PLATFORM(0-4)

Manual Integrations
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 6/13/2016 7:11:33 PM

Quant Time: Jun 11 02:31:35 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	118307	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	462665	20.00	ng	-0.02
38) Acenaphthene-d10	9.85	164	187535	20.00	ng	-0.03
63) Phenanthrene-d10	11.33	188	280097	20.00	ng	-0.03
75) Chrysene-d12	13.95	240	227697	20.00	ng	-0.03
86) Perylene-d12	15.36	264	179064	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	537922	77.73	ng	-0.02
7) Phenol-d6	6.44	99	545064	64.99	ng	-0.03
23) Nitrobenzene-d5	7.38	82	412101	52.01	ng	-0.03
41) 2,4,6-Tribromophenol	10.63	330	100287	50.65	ng	-0.05
44) 2-Fluorobiphenyl	9.18	172	615232	49.20	ng	-0.03
78) Terphenyl-d14	12.90	244	352678	35.25	ng	-0.05
Target Compounds						Qvalue
49) Dimethylphthalate	9.56	163	91360	6.73	ng	99
70) Phenanthrene	11.35	178	166485	11.33	ng	98
71) Anthracene	11.39	178	41031	2.77	ng	98
74) Fluoranthene	12.54	202	272677	17.58	ng	93
77) Pyrene	12.75	202	242796	14.37	ng	97
80) Benzo(a)anthracene	13.94	228	122787	9.46	ng	96
82) Chrysene	13.98	228	103110	8.45	ng	97
83) Bis(2-ethylhexyl)phthalate	13.94	149	85314	9.38	ng	98
85) Indeno(1,2,3-cd)pyrene	16.72	276	44076	3.89	ng	# 100
87) Benzo(b)fluoranthene	14.96	252	112268m	9.00	ng	
88) Benzo(k)fluoranthene	14.97	252	50675m	5.38	ng	
89) Benzo(a)pyrene	15.30	252	80430	7.97	ng	99
91) Benzo(a,h,i)perylene	17.13	276	41843	4.34	ng	97

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

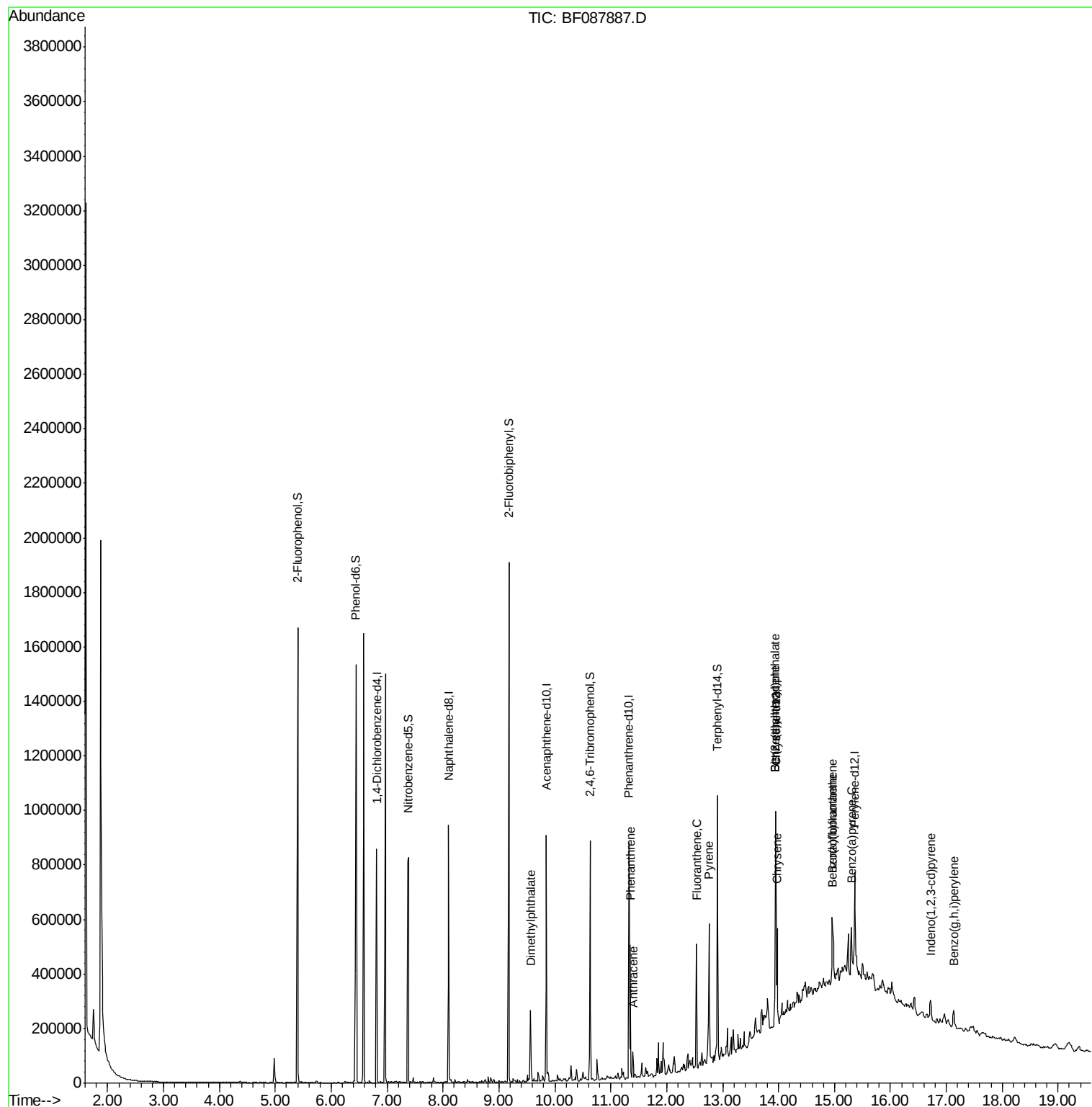
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061016\
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STA-946-PLATFORM(0-4)

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#1

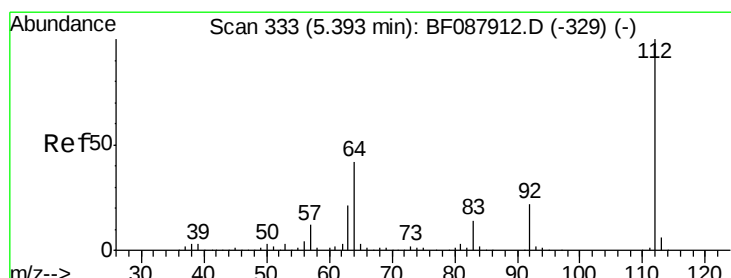
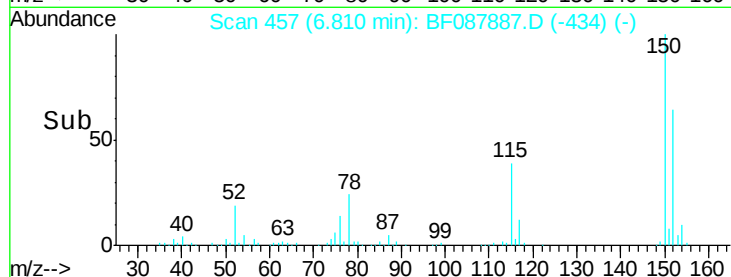
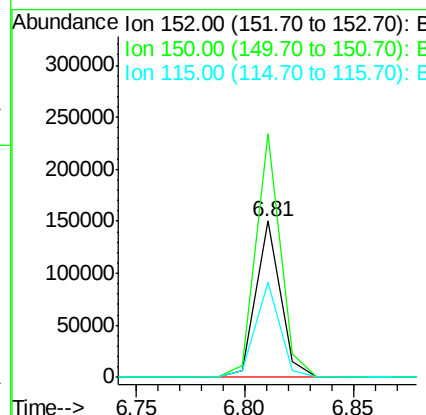
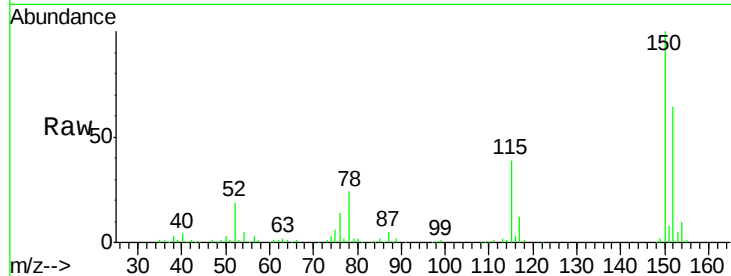
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF087887.D
Acq: 10 Jun 2016 21:17

Instrument :
BNA_F
ClientSampleId :
STA-946-PLATFORM(0-4)

Tot Ion	Ratio	Resp	Lower	Upper
152	100	118307		
150	156.0	123.8	185.6	
115	61.2	39.6	59.4	

Manual Integrations
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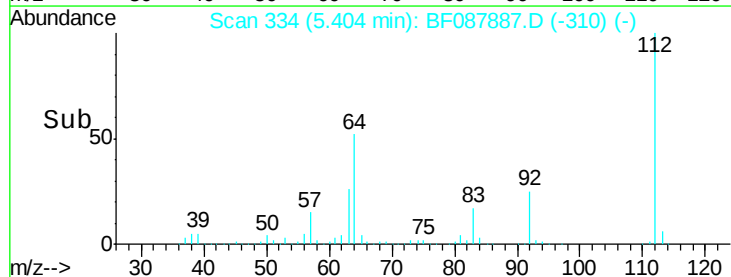
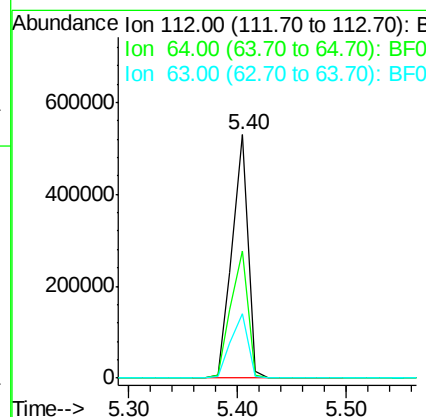
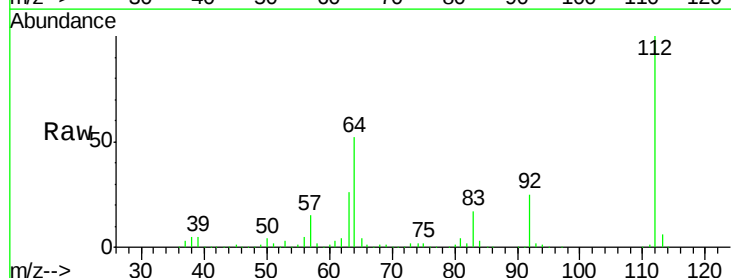
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#5

2-Fluorophenol
Concen: 77.73 ng
RT: 5.40 min Scan# 334
Delta R.T. -0.02 min
Lab File: BF087887.D
Acq: 10 Jun 2016 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	537922		
64	52.1	42.2	63.2	
63	26.5	21.8	32.8	





#7

Phenol-d6

Concen: 64.99 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.03 min

Lab File: BF087887.D

Acq: 10 Jun 2016 21:17

Instrument :

BNA_F

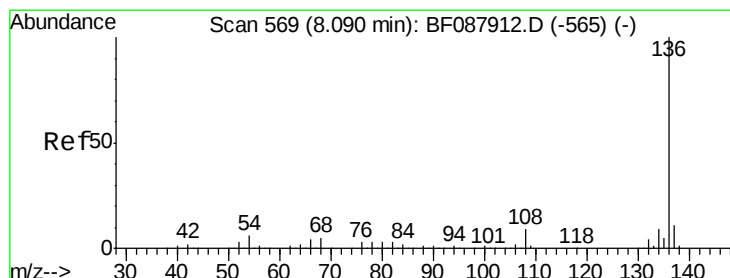
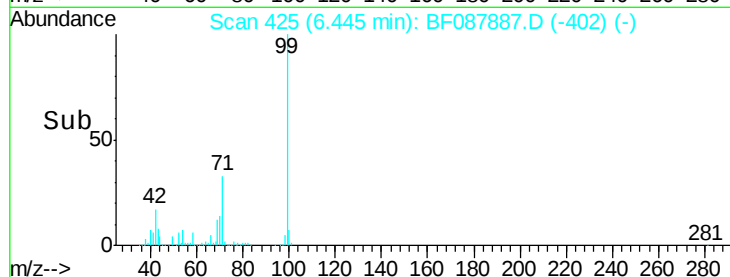
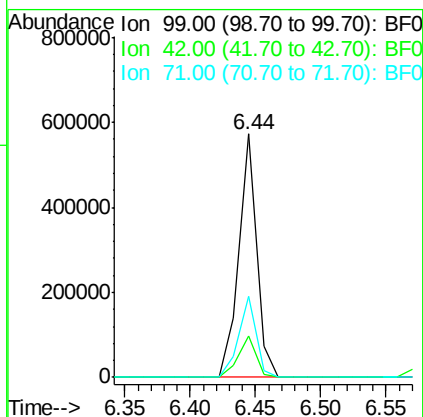
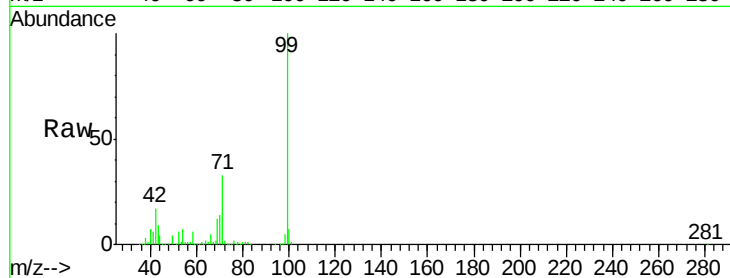
ClientSampleId :

STA-946-PLATFORM(0-4)

Tot Ion:	99	Resp:	545064
Ion Ratio	Lower	Upper	
99	100		
42	17.2	12.2	18.2
71	33.3	23.4	35.0

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#21

Naphthalene-d8

Concen: 20.00 ng

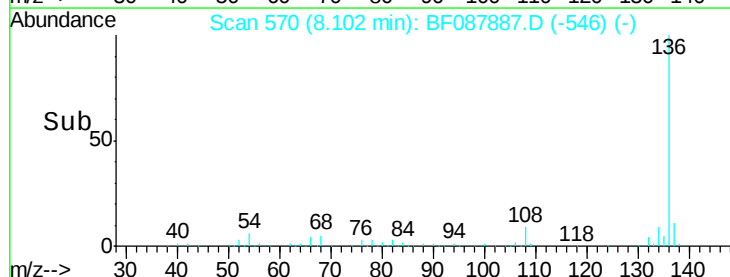
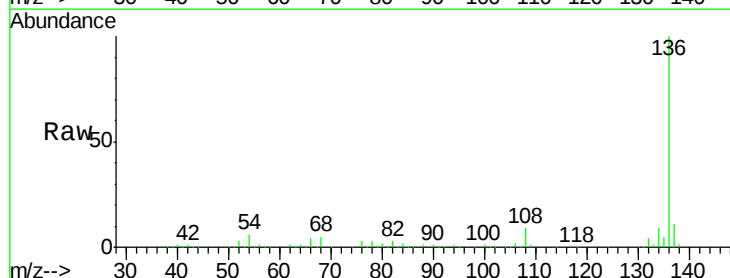
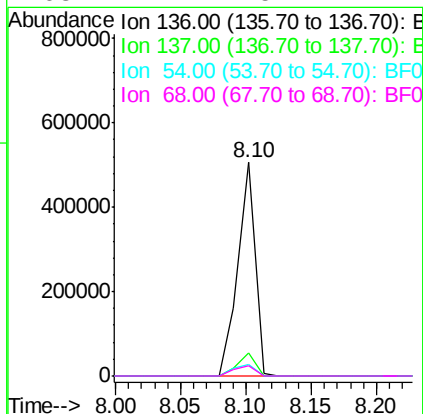
RT: 8.10 min Scan# 570

Delta R.T. -0.02 min

Lab File: BF087887.D

Acq: 10 Jun 2016 21:17

Tgt Ion:	136	Resp:	462665
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.1	13.7
54	5.7	6.6	10.0#
68	4.7	5.1	7.7#





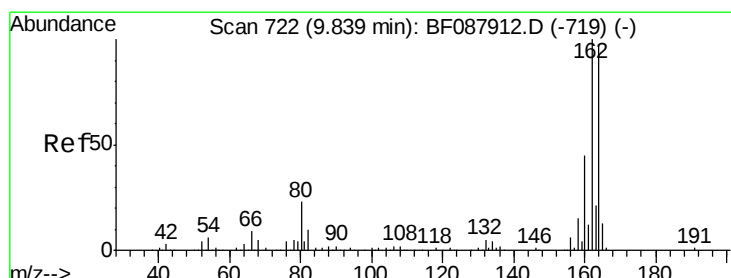
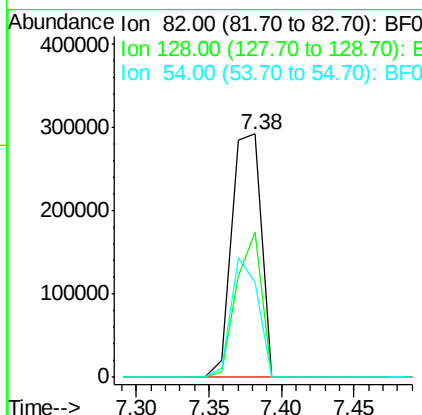
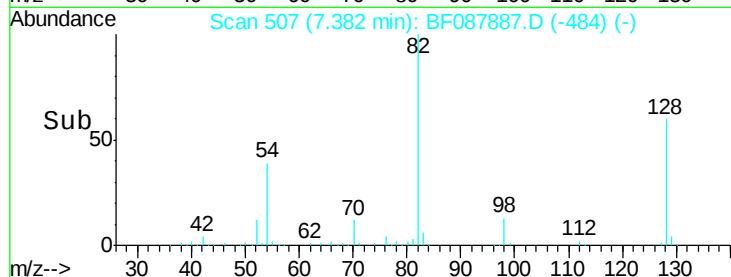
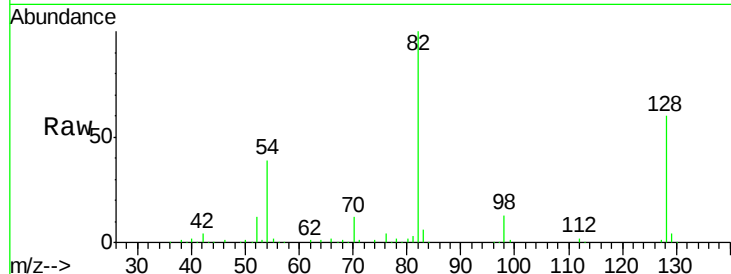
#23
Nitrobenzene-d5
Concen: 52.01 ng
RT: 7.38 min Scan# 507
Delta R.T. -0.03 min
Lab File: BF087887.D
Acq: 10 Jun 2016 21:17

Instrument :
BNA_F
ClientSampleId :
STA-946-PLATFORM(0-4)

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	59.5	35.9	53.9#	
54	39.0	40.9	61.3#	

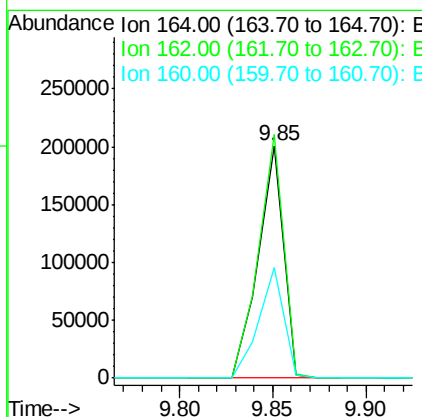
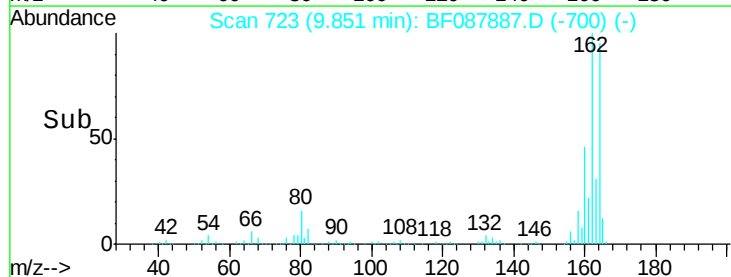
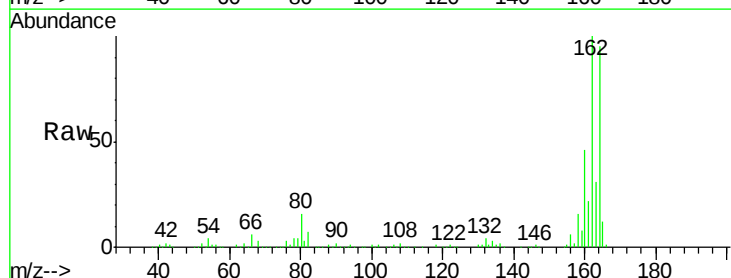
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF087887.D
Acq: 10 Jun 2016 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.8	85.4	128.2	
160	47.8	39.5	59.3	





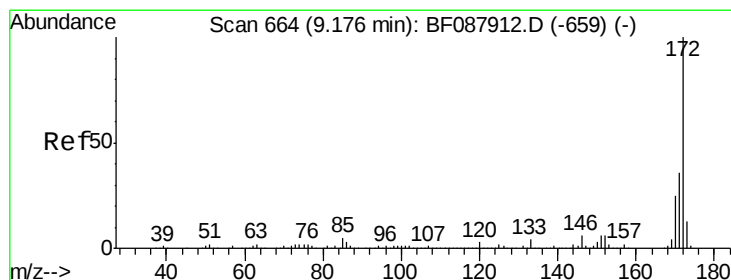
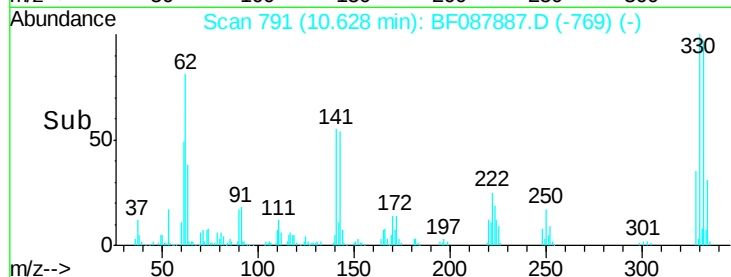
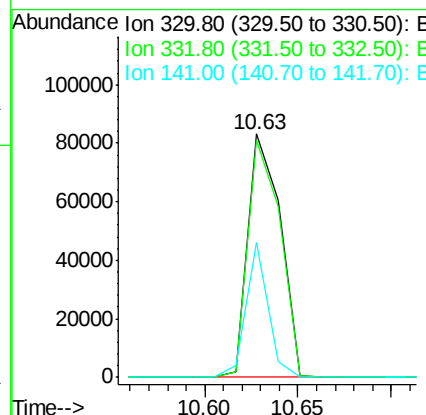
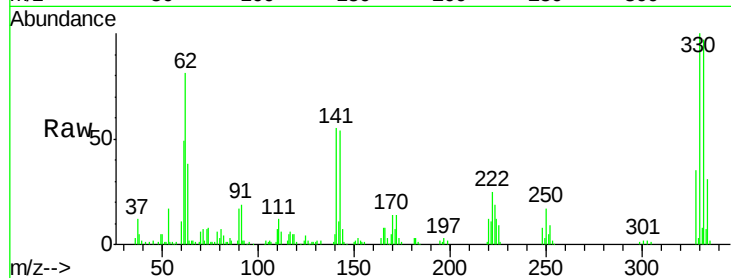
#41
 2,4,6-Tribromophenol
 Concen: 50.65 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.05 min
 Lab File: BF087887.D
 Acq: 10 Jun 2016 21:17

Instrument :
 BNA_F
 ClientSampleId :
 STA-946-PLATFORM(0-4)

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	97.3	0.0	0.0#
141	38.2	0.0	0.0#

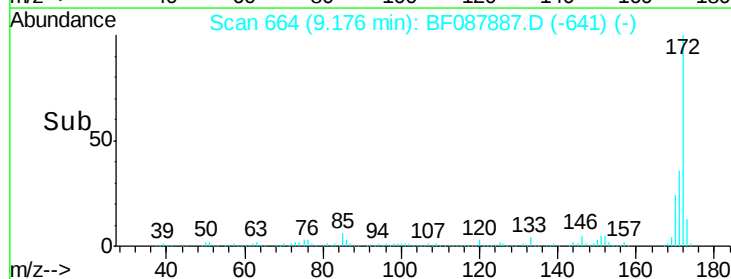
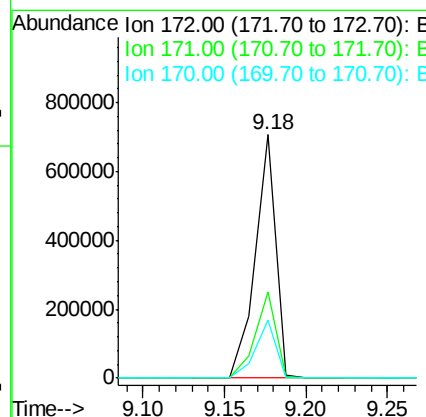
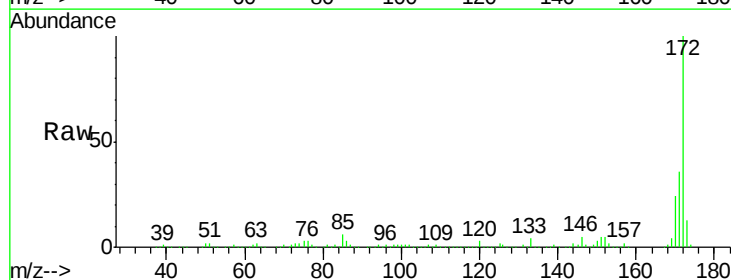
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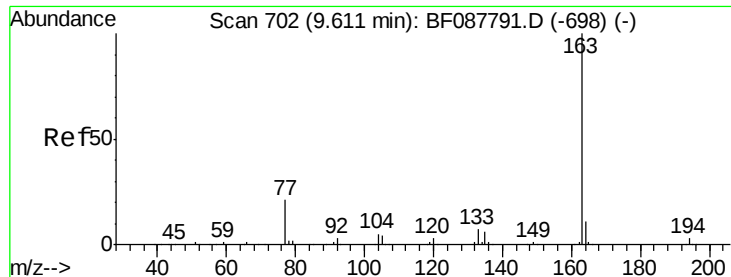
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#44
 2-Fluorobiphenyl
 Concen: 49.20 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.03 min
 Lab File: BF087887.D
 Acq: 10 Jun 2016 21:17

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	35.6	28.6	43.0
170	23.7	19.2	28.8





#49

Dimethylphthalate

Concen: 6.73 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.05 min

Lab File: BF087887.D

Acq: 10 Jun 2016 21:17

Instrument :

BNA_F

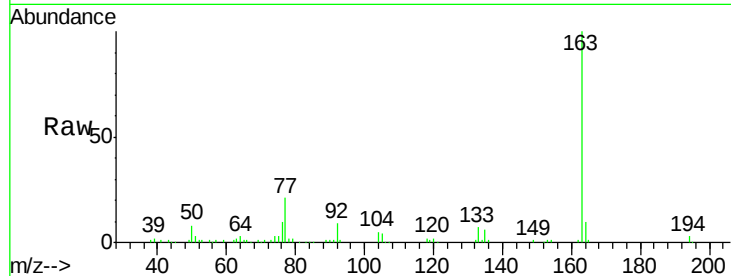
ClientSampleId :

STA-946-PLATFORM(0-4)

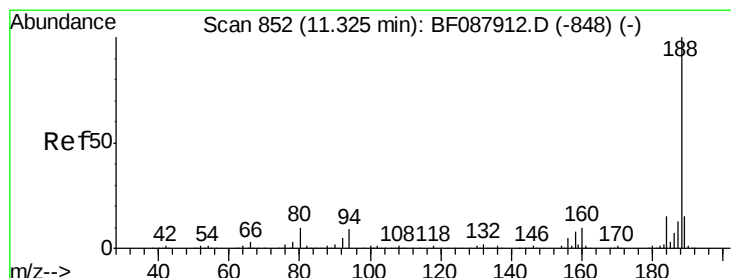
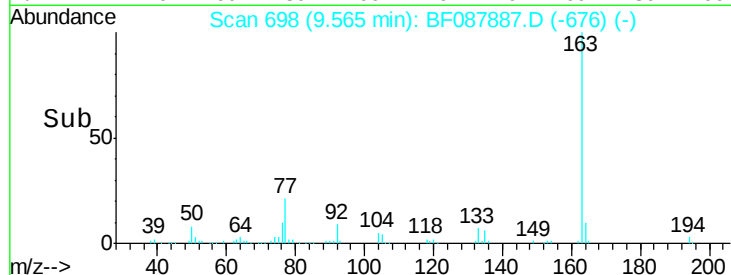
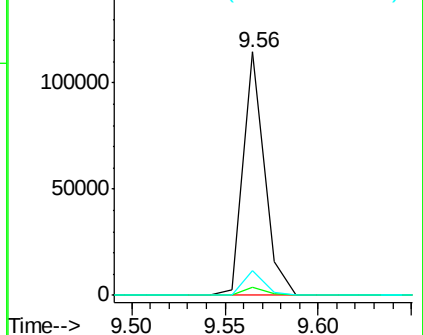
Tot Ion:	163	Resp:	91360
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.8	4.2
164	10.2	8.3	12.5

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



#63

Phenanthrene-d10

Concen: 20.00 ng

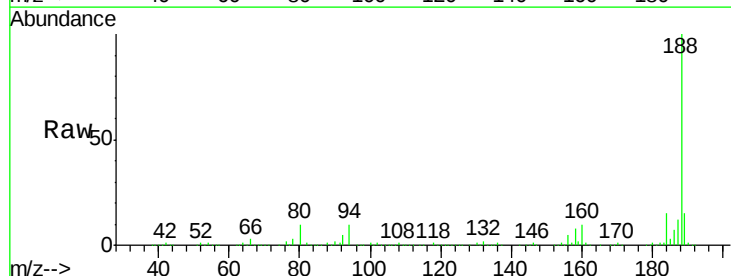
RT: 11.33 min Scan# 852

Delta R.T. -0.03 min

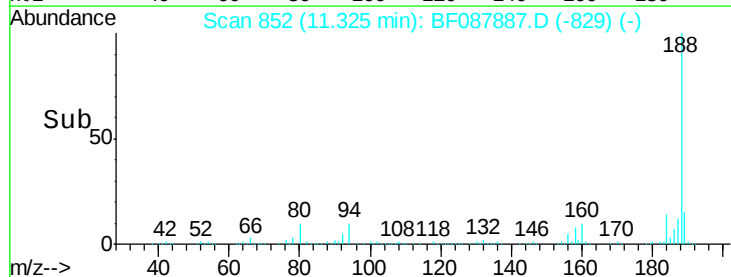
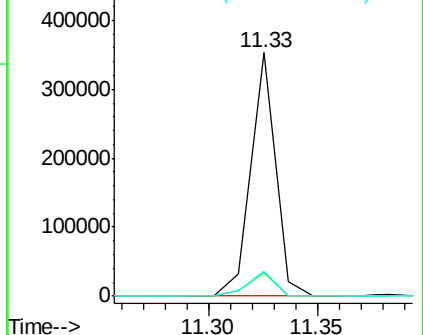
Lab File: BF087887.D

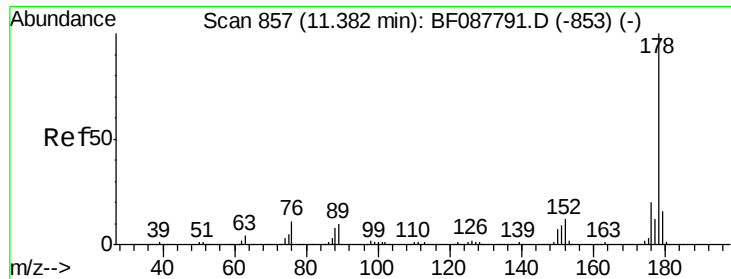
Acq: 10 Jun 2016 21:17

Tgt Ion:	188	Resp:	280097
Ion Ratio	Lower	Upper	
188	100		
94	9.8	9.0	13.6
80	10.2	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





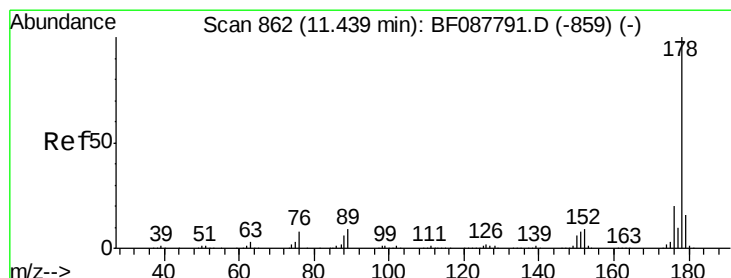
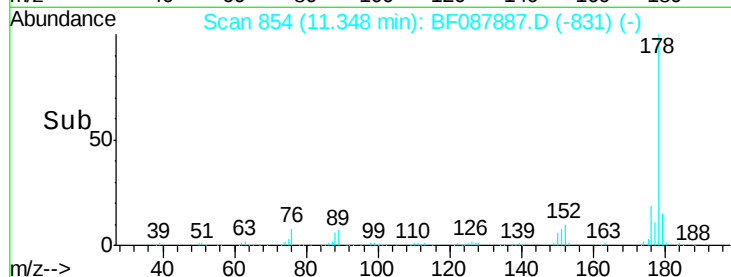
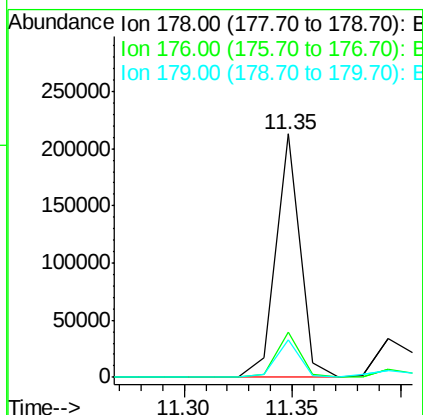
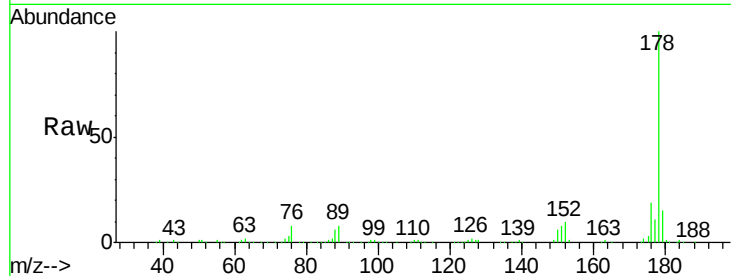
#70
Phenanthrene
Concen: 11.33 ng
RT: 11.35 min Scan# 854
Delta R.T. -0.03 min
Lab File: BF087887.D
Acq: 10 Jun 2016 21:17

Instrument :
BNA_F
ClientSampleId :
STA-946-PLATFORM(0-4)

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.6
179	15.3	13.0	19.4

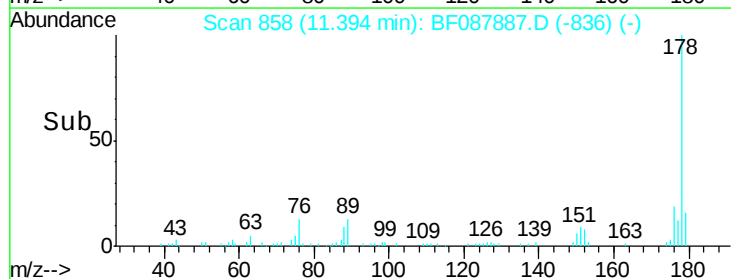
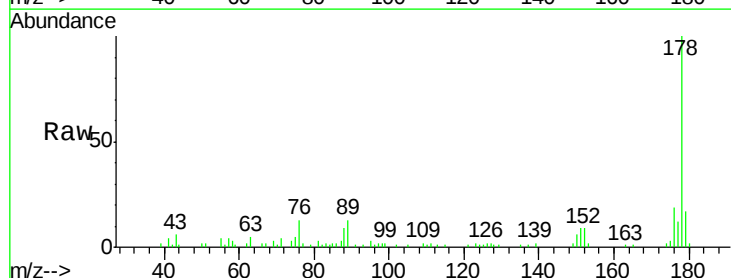
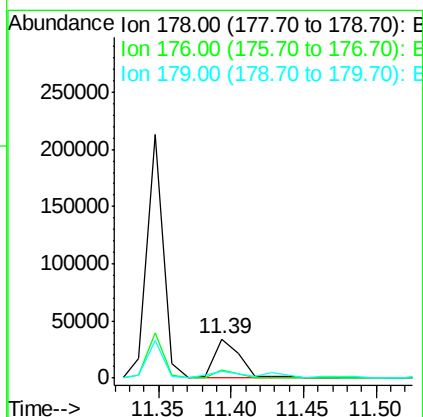
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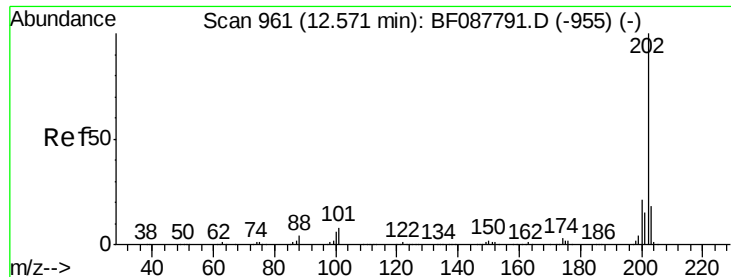
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#71
Anthracene
Concen: 2.77 ng
RT: 11.39 min Scan# 858
Delta R.T. -0.05 min
Lab File: BF087887.D
Acq: 10 Jun 2016 21:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.6	23.4
179	16.9	12.8	19.2





#74

Fluoranthene

Concen: 17.58 ng

RT: 12.54 min Scan# 958

Delta R.T. -0.03 min

Lab File: BF087887.D

Acq: 10 Jun 2016 21:17

Instrument :

BNA_F

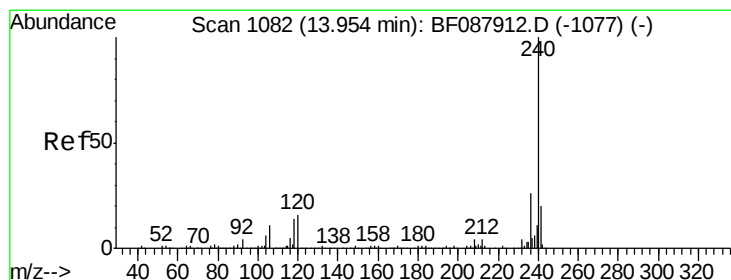
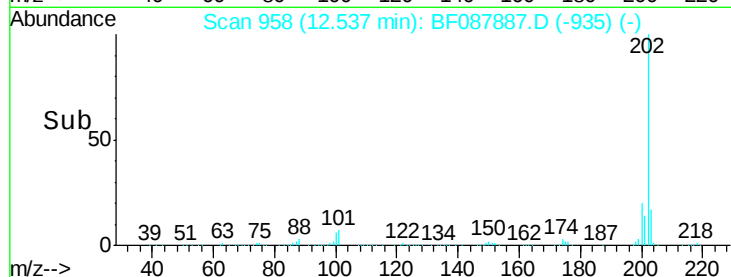
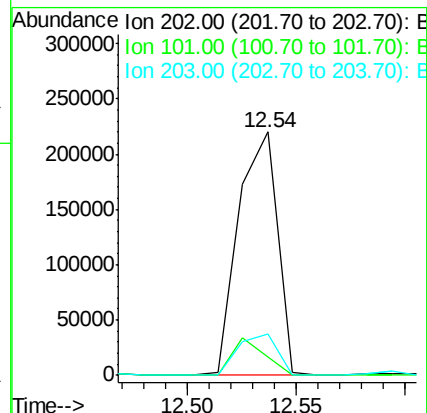
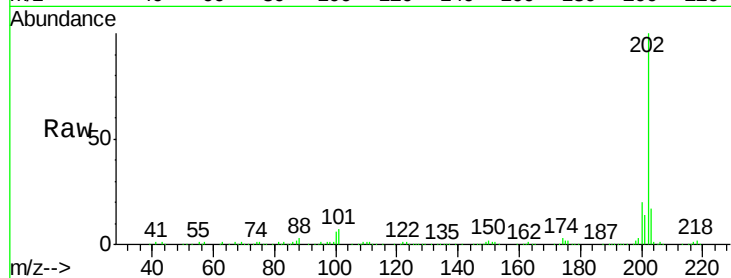
ClientSampleId :

STA-946-PLATFORM(0-4)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.4	0.0	33.1
203	17.2	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

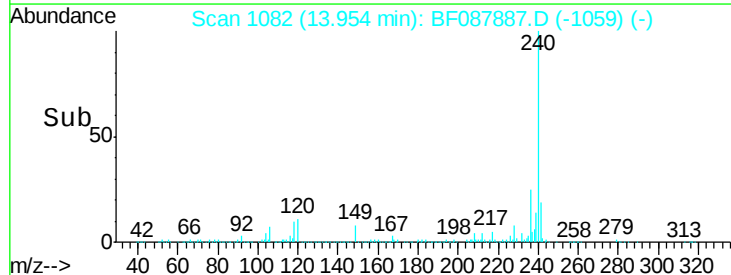
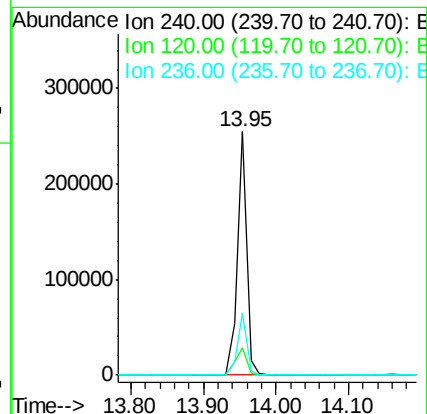
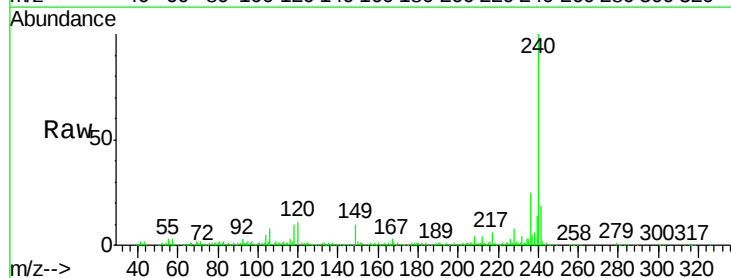
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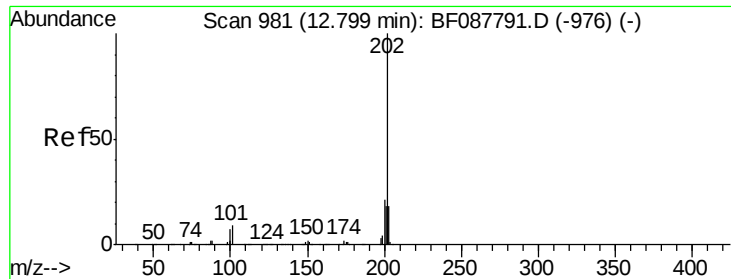
Delta R.T. -0.03 min

Lab File: BF087887.D

Acq: 10 Jun 2016 21:17

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





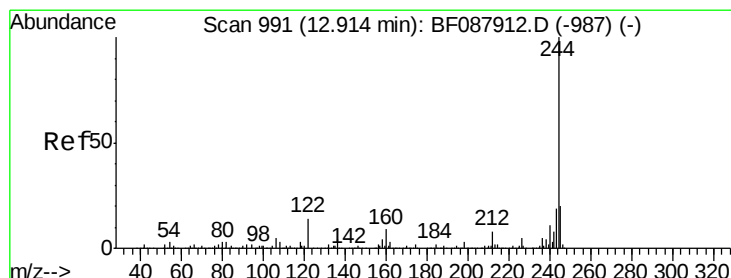
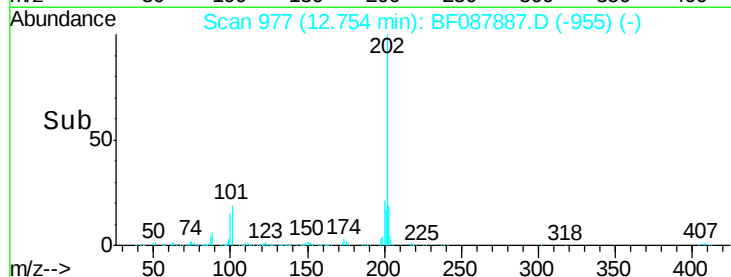
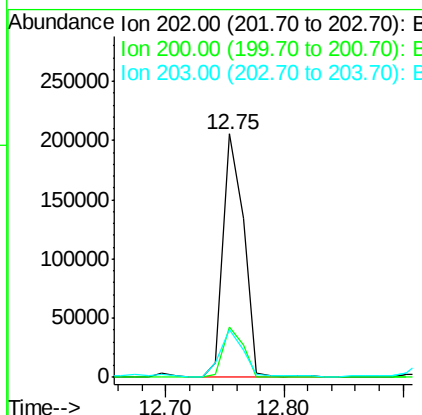
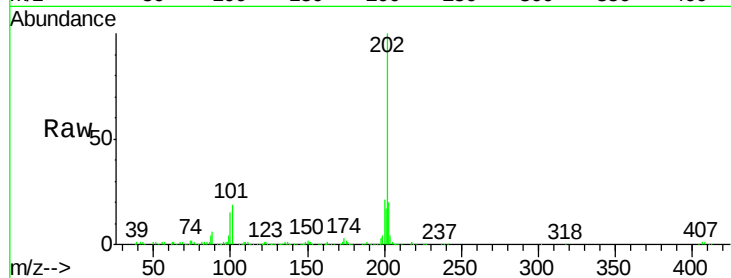
#77
Pvrene
Concen: 14.37 ng
RT: 12.75 min Scan# 977
Delta R.T. -0.05 min
Lab File: BF087887.D
Acq: 10 Jun 2016 21:17

Instrument :
BNA_F
ClientSampleId :
STA-946-PLATFORM(0-4)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.9	17.4	26.2
203	19.7	14.5	21.7

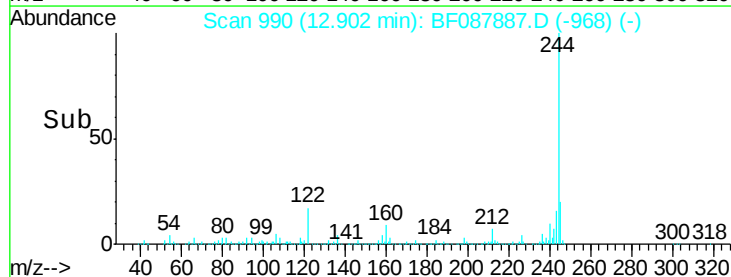
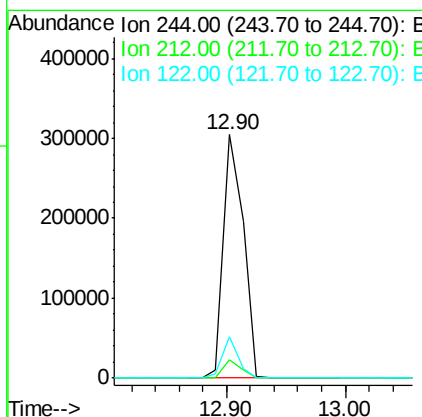
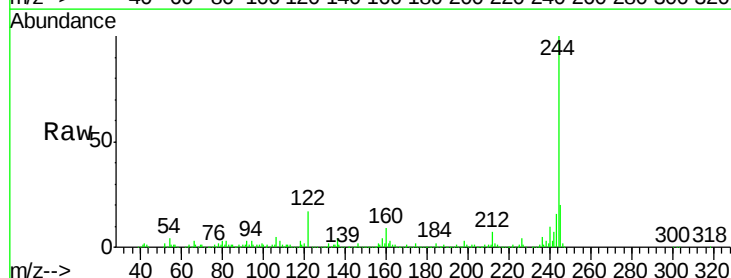
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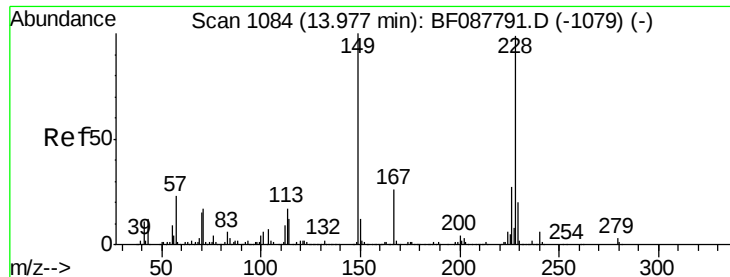
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6/13/2016 7:11:33 PM



#78
Terphenyl-d14
Concen: 35.25 ng
RT: 12.90 min Scan# 990
Delta R.T. -0.05 min
Lab File: BF087887.D
Acq: 10 Jun 2016 21:17

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.4	6.0	9.0
122	16.9	11.2	16.8#





#80

Benzo(a)anthracene

Concen: 9.46 ng

RT: 13.94 min Scan# 1081

Delta R.T. -0.03 min

Lab File: BF087887.D

Acq: 10 Jun 2016 21:17

Instrument :

BNA_F

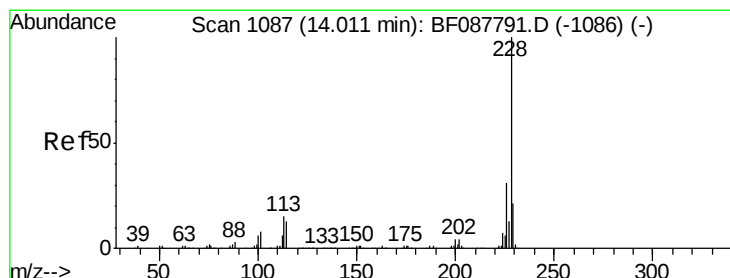
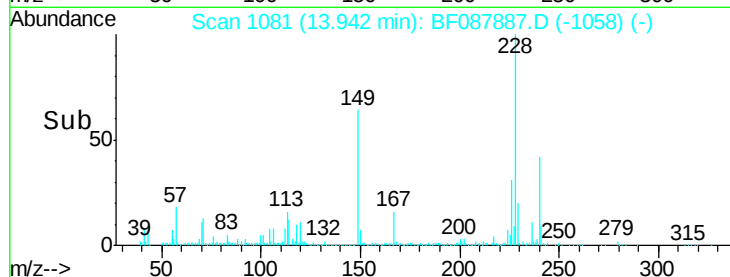
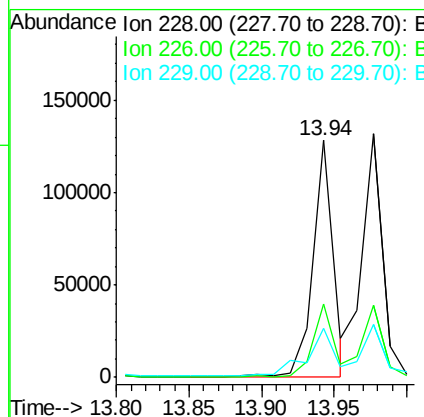
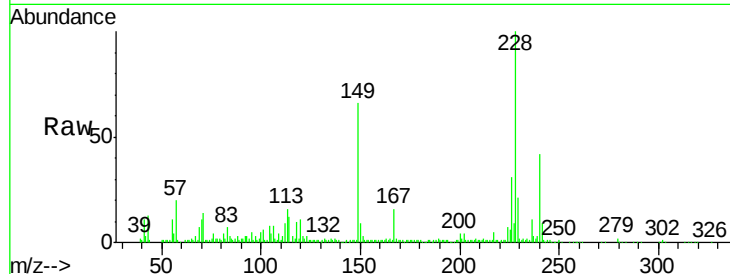
ClientSampleId :

STA-946-PLATFORM(0-4)

Tot Ion:	228	Resp:	122787
Ion Ratio	Lower	Upper	
228	100		
226	31.0	22.3	33.5
229	20.9	16.0	24.0

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#82

Chrysene

Concen: 8.45 ng

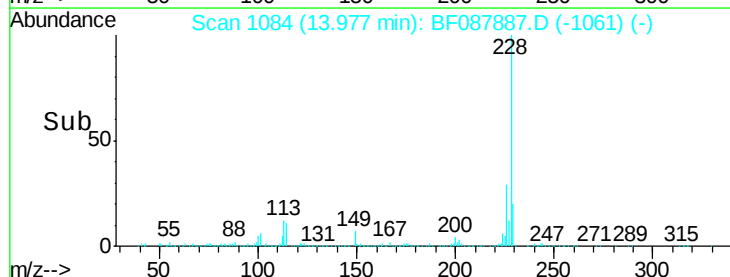
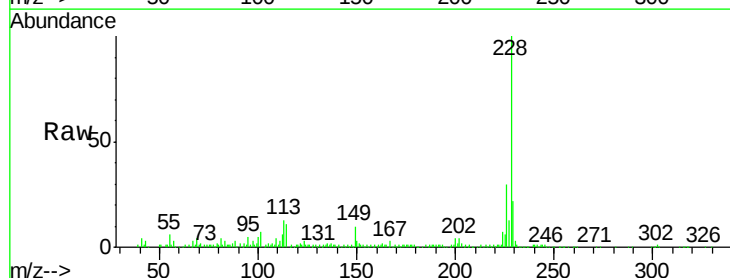
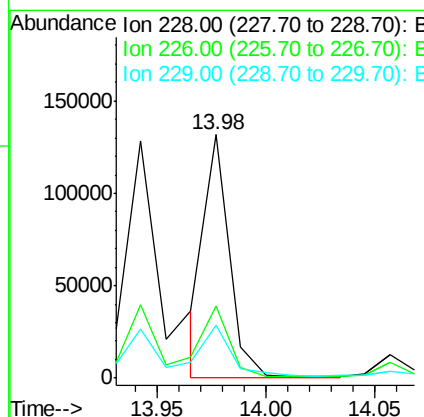
RT: 13.98 min Scan# 1084

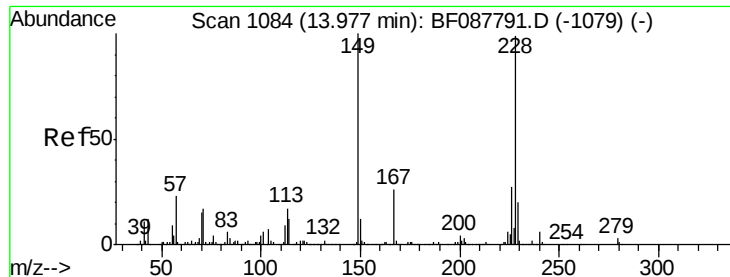
Delta R.T. -0.03 min

Lab File: BF087887.D

Acq: 10 Jun 2016 21:17

Tgt Ion:	228	Resp:	103110
Ion Ratio	Lower	Upper	
228	100		
226	29.7	25.4	38.2
229	21.7	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 9.38 ng

RT: 13.94 min Scan# 1081

Delta R.T. -0.03 min

Lab File: BF087887.D

Acq: 10 Jun 2016 21:17

Instrument :

BNA_F

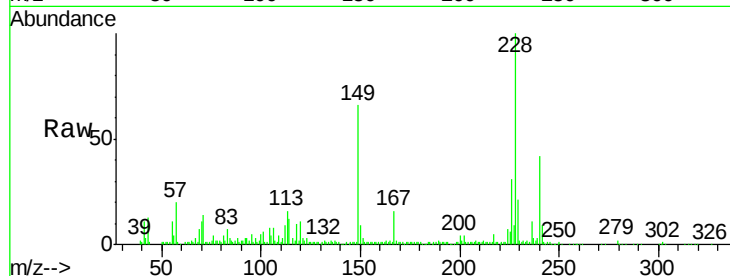
ClientSampleId :

STA-946-PLATFORM(0-4)

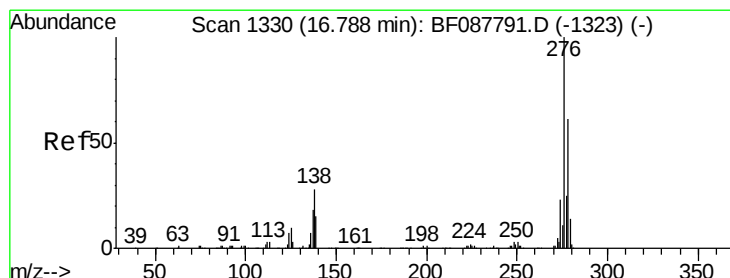
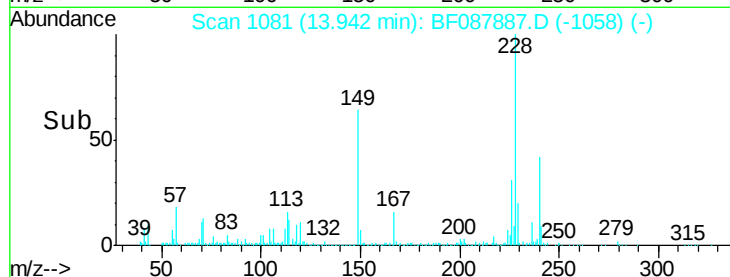
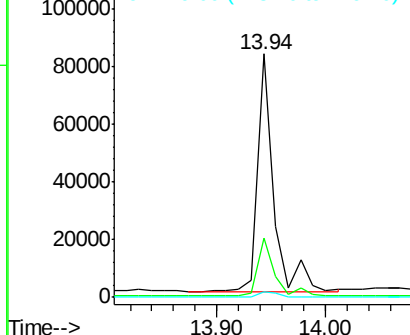
Tot Ion:	149	Resp:	85314
Ion Ratio	Lower	Upper	
149	100		
167	24.3	20.5	30.7
279	2.3	2.0	3.0

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 3.89 ng

RT: 16.72 min Scan# 1324

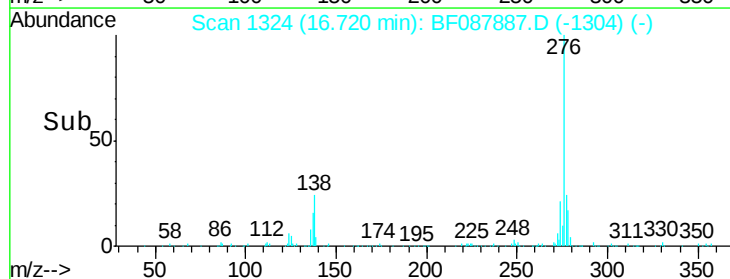
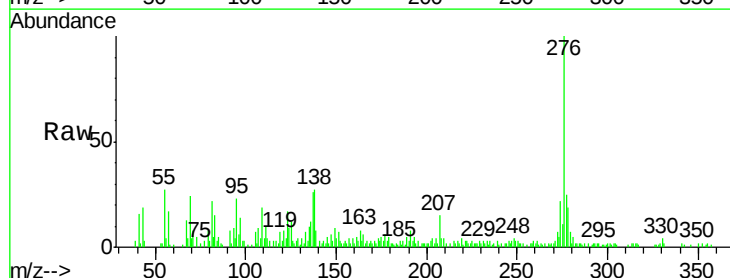
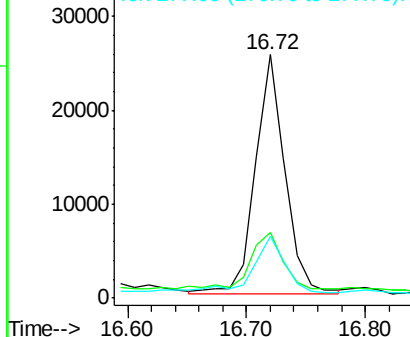
Delta R.T. -0.07 min

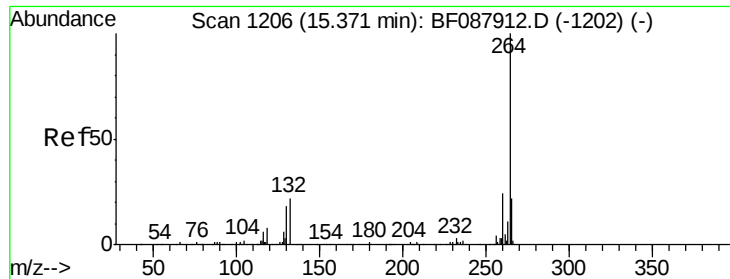
Lab File: BF087887.D

Acq: 10 Jun 2016 21:17

Tgt Ion:	276	Resp:	44076
Ion Ratio	Lower	Upper	
276	100		
138	27.2	0.0	0.0#
277	29.4	0.0	0.0#

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.36 min Scan# 1205

Delta R.T. -0.03 min

Lab File: BF087887.D

Acq: 10 Jun 2016 21:17

Instrument :

BNA_F

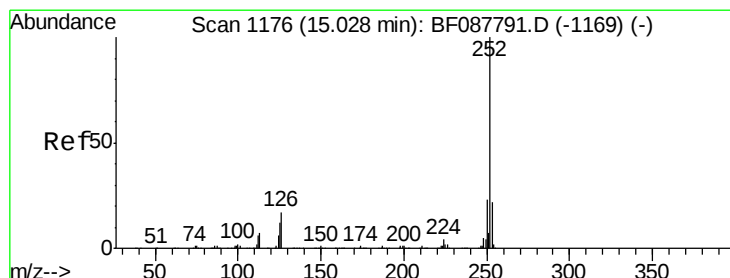
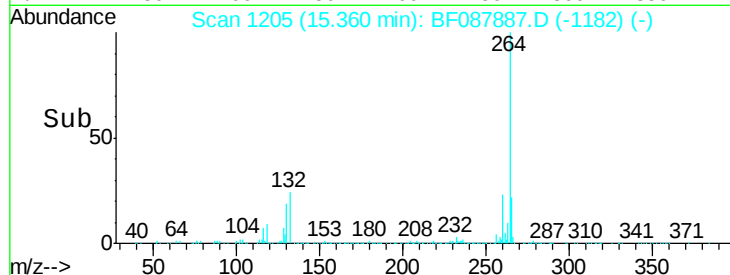
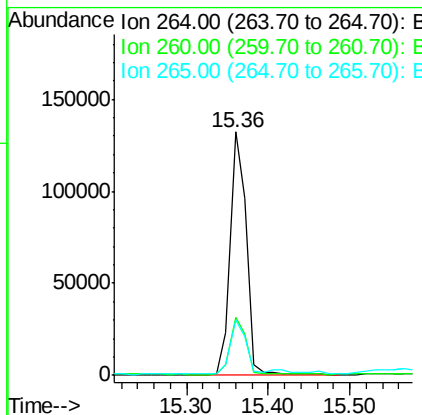
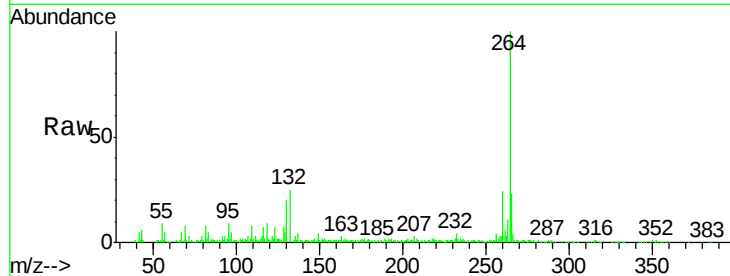
ClientSampleId :

STA-946-PLATFORM(0-4)

Tot Ion:	264	Resp:	179064
Ion Ratio		Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.6	16.9	25.3

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#87

Benzo(b)fluoranthene

Concen: 9.00 ng m

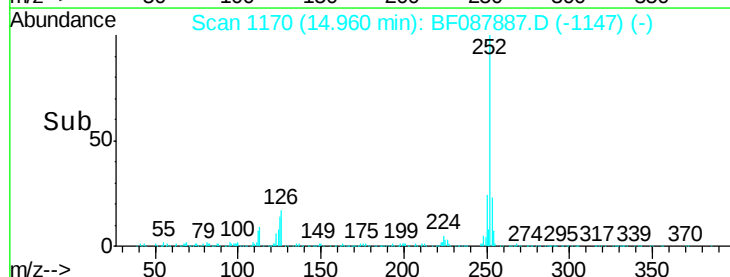
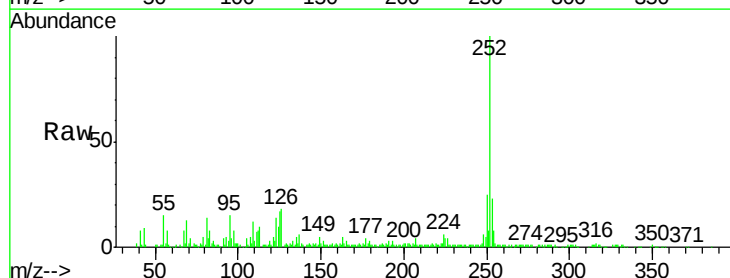
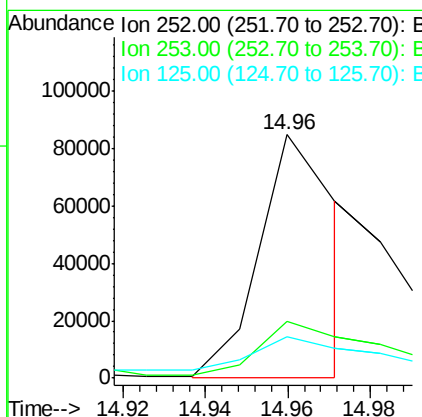
RT: 14.96 min Scan# 1170

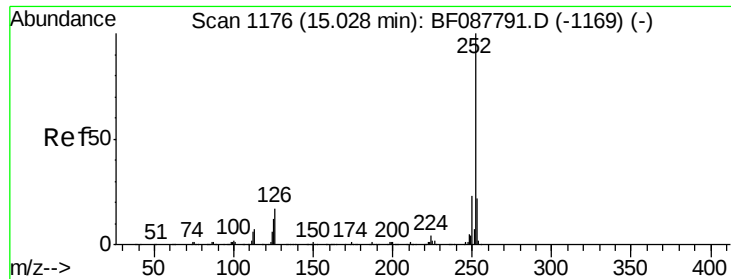
Delta R.T. -0.03 min

Lab File: BF087887.D

Acq: 10 Jun 2016 21:17

Tgt Ion:	252	Resp:	112268
Ion Ratio		Lower	Upper
252	100		
253	23.2	17.4	26.2
125	16.8	7.1	10.7#





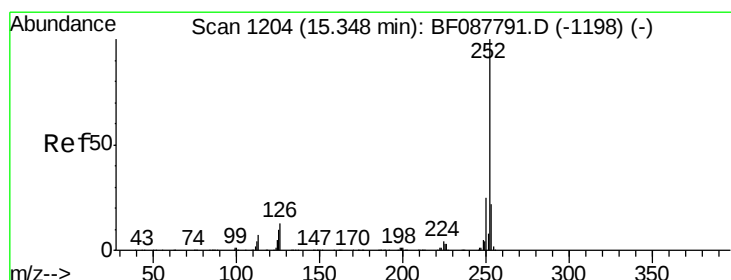
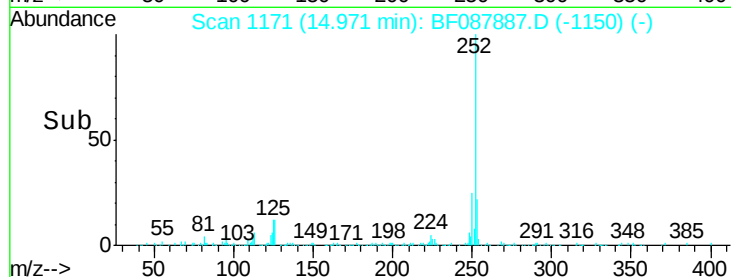
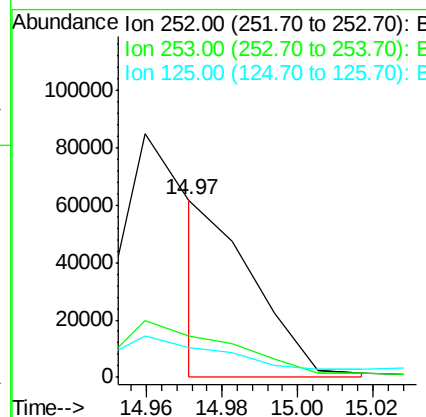
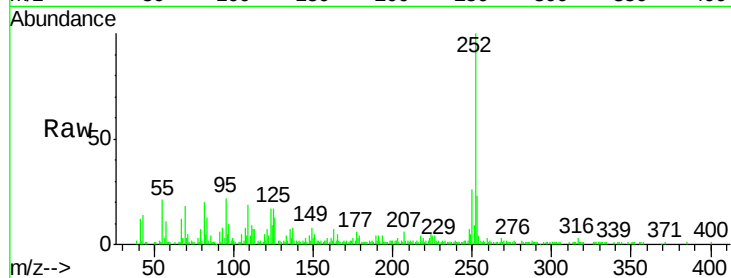
#88
Benzo(k)fluoranthene
Concen: 5.38 ng m
RT: 14.97 min Scan# 1171
Delta R.T. -0.06 min
Lab File: BF087887.D
Acq: 10 Jun 2016 21:17

Instrument :
BNA_F
ClientSampleId :
STA-946-PLATFORM(0-4)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	16.8	11.2	16.8

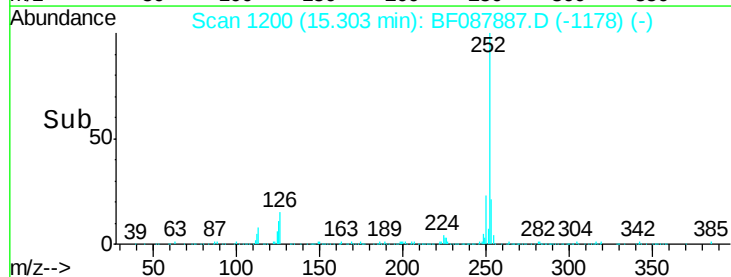
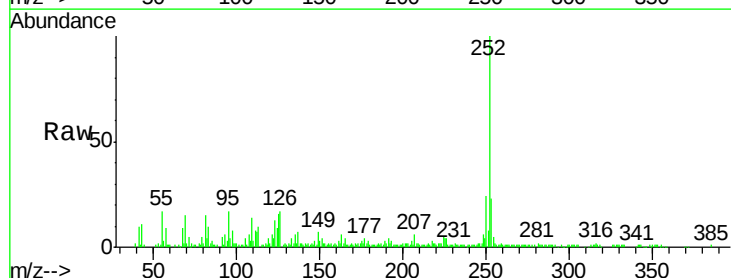
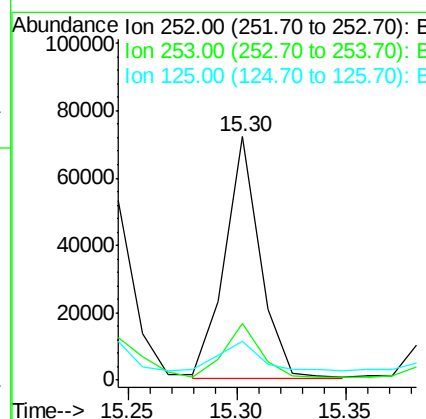
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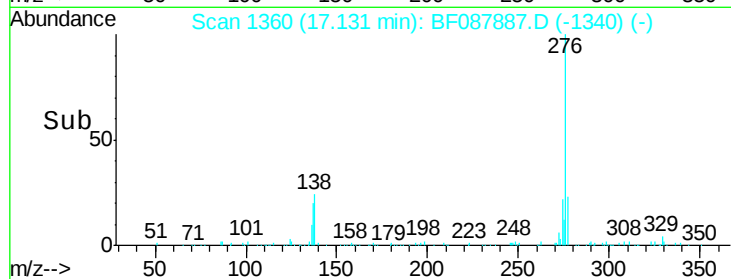
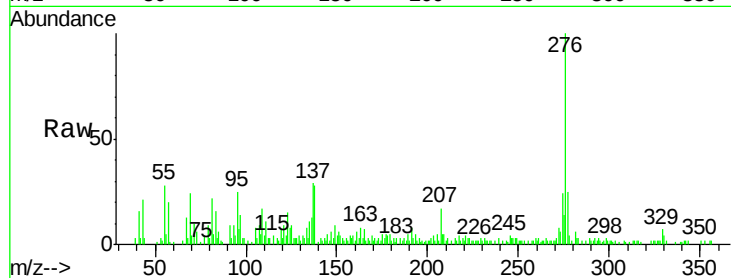
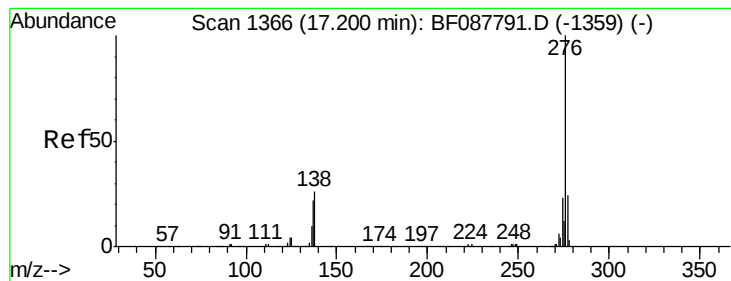
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#89
Benzo(a)pyrene
Concen: 7.97 ng
RT: 15.30 min Scan# 1200
Delta R.T. -0.05 min
Lab File: BF087887.D
Acq: 10 Jun 2016 21:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	15.9	12.5	18.7





#91
 Benzo(a,h,i)perylene
 Concen: 4.34 ng
 RT: 17.13 min Scan# 1360
 Delta R.T. -0.07 min
 Lab File: BF087887.D
 Acq: 10 Jun 2016 21:17

Instrument :
 BNA_F
 ClientSampleId :
 STA-946-PLATFORM(0-4)

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.9	28.3
138	27.7	21.4	32.2

Manual Integrations
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