

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062016\
 Data File : BF088207.D
 Acq On : 21 Jun 2016 8:59
 Operator : UM/SJ
 Sample : H3570-20RE
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPRES

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Quant Time: Jun 21 12:54:46 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 17:39:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	149319	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	605261	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	281542	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	448792	20.00	ng	0.00
75) Chrysene-d12	13.81	240	328630	20.00	ng	0.00
86) Perylene-d12	15.18	264	338984	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	296401	33.93	ng	0.00
7) Phenol-d6	6.32	99	435562	41.15	ng	-0.01
23) Nitrobenzene-d5	7.23	82	241322	23.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	182175	61.28	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	519503	25.08	ng	-0.01
78) Terphenyl-d14	12.75	244	637747	44.16	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.43	163	266221	13.05	ng	99
77) Pyrene	12.61	202	70688	2.90	ng	98
80) Benzo(a)anthracene	13.79	228	55448	2.96	ng	99
82) Chrysene	13.83	228	40798	2.32	ng	98
85) Indeno(1,2,3-cd)pyrene	16.47	276	50906	3.11	ng	# 100
87) Benzo(b)fluoranthene	14.80	252	89334m	3.78	ng	
89) Benzo(a)pyrene	15.13	252	62164	3.25	ng	97
91) Benzo(g,h,i)perylene	16.86	276	53145	2.91	ng	98

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

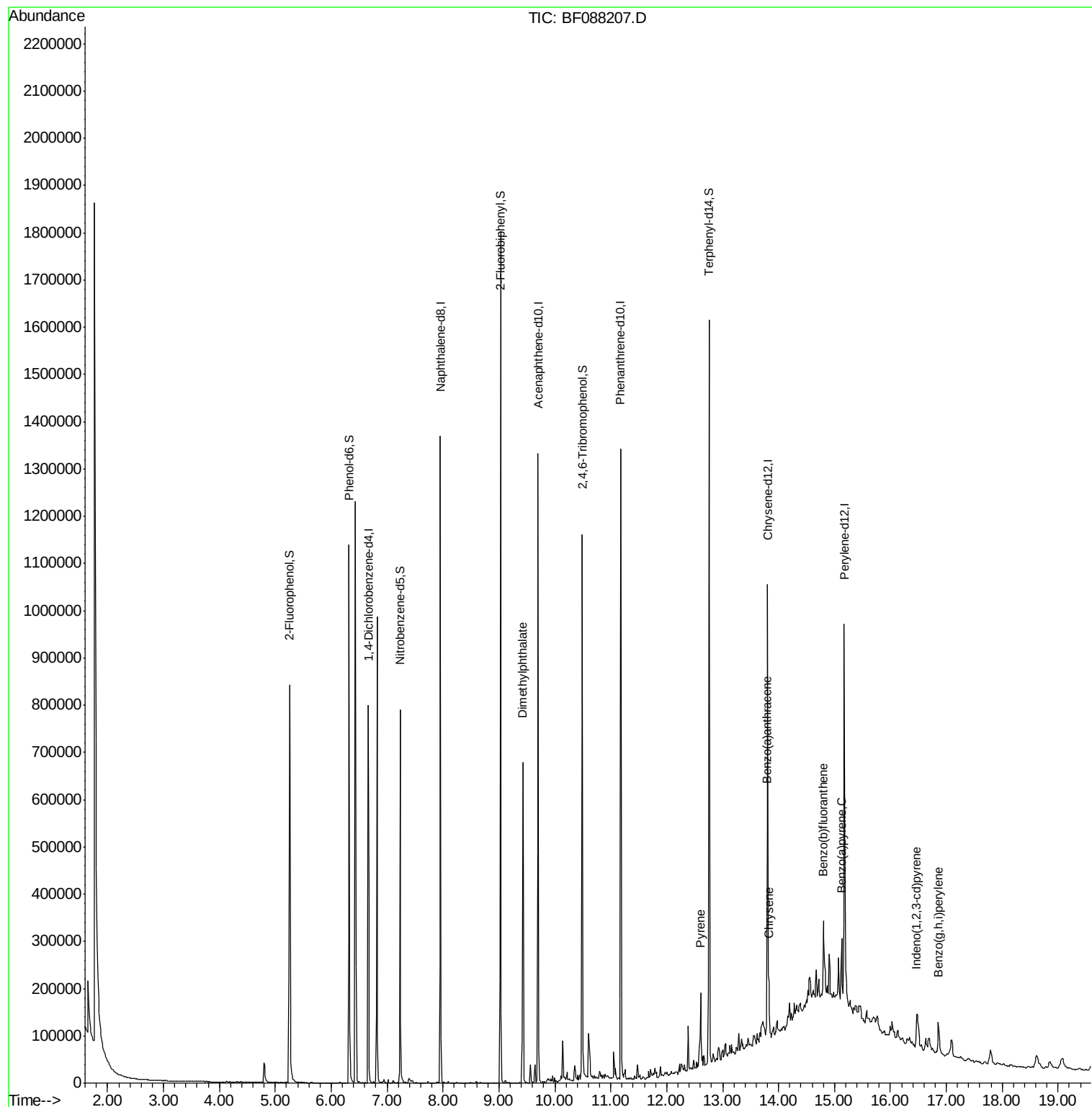
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062016\
Data File : BF088207.D
Acq On : 21 Jun 2016 8:59
Operator : UM/SJ
Sample : H3570-20RE
Misc :
ALS Vial : 37 Sample Multiplier: 1

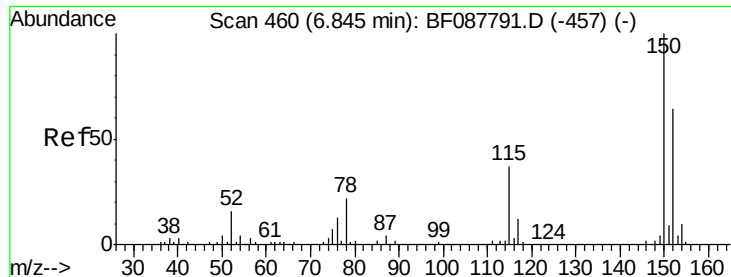
Instrument :
BNA_F
ClientSampleId :
SB-22-COMPRES

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#1

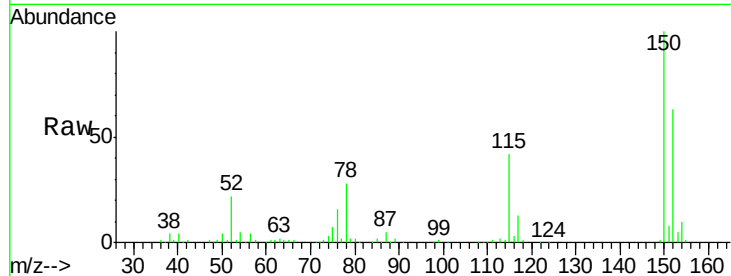
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF088207.D
Acq: 21 Jun 2016 8:59

Instrument :
BNA_F
ClientSampleId :
SB-22-COMPRES

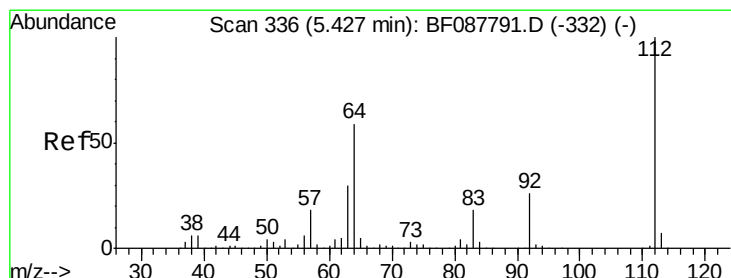
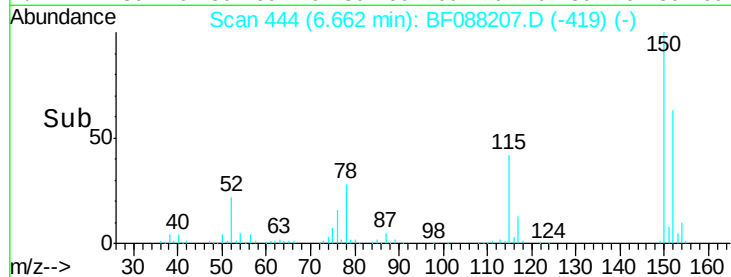
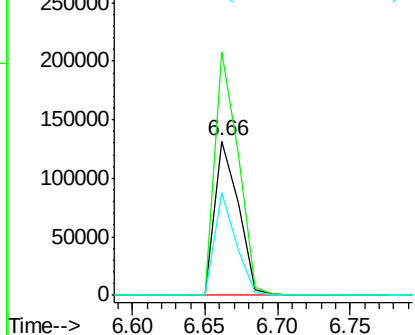
Tot Ion	Ratio	Resp	Lower	Upper
152	100	149319		
150	157.6	123.8	185.6	
115	66.8	39.6	59.4	

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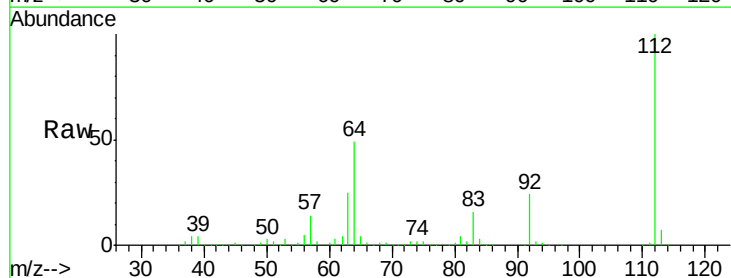
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



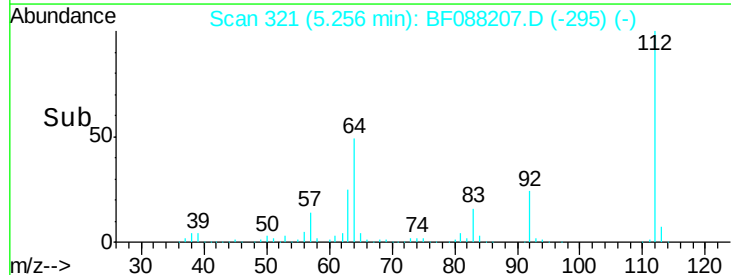
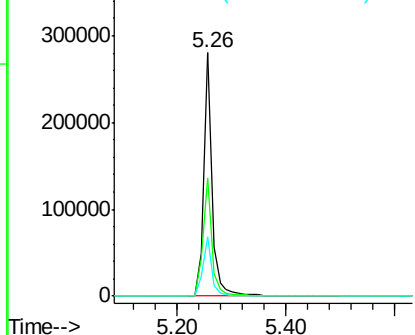
#5

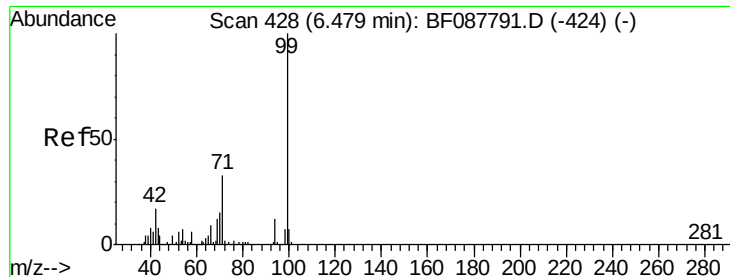
2-Fluorophenol
Concen: 33.93 ng
RT: 5.26 min Scan# 321
Delta R.T. -0.00 min
Lab File: BF088207.D
Acq: 21 Jun 2016 8:59

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	296401		
64	48.8	42.2	63.2	
63	24.6	21.8	32.8	



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.15 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF088207.D

Acq: 21 Jun 2016 8:59

Instrument :

BNA_F

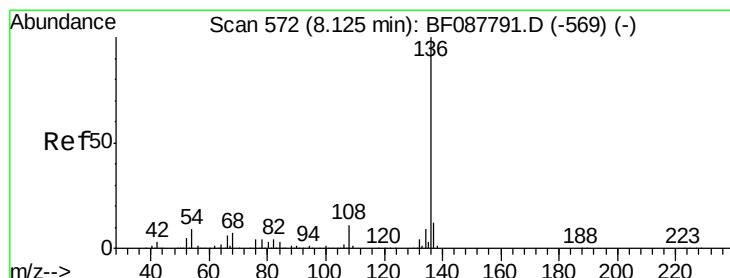
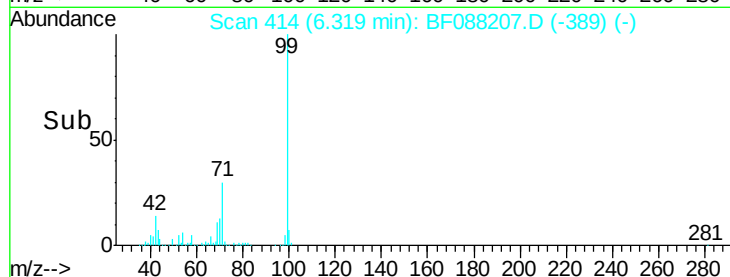
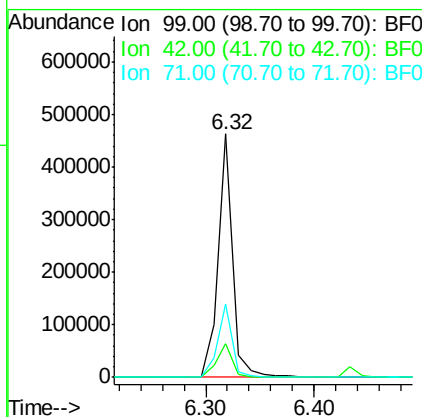
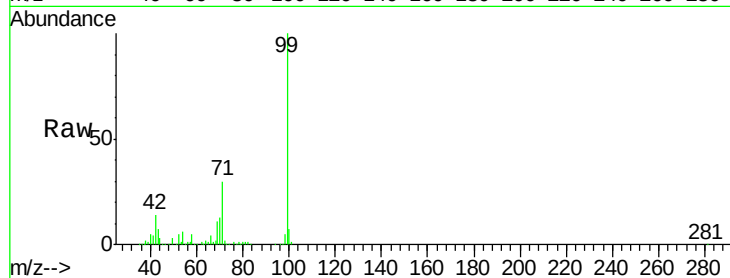
ClientSampleId :

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Tot Ion:	99	Resp:	435562
Ion	Ratio	Lower	Upper
99	100		
42	13.7	12.2	18.2
71	30.3	23.4	35.0

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#21

Naphthalene-d8

Concen: 20.00 ng

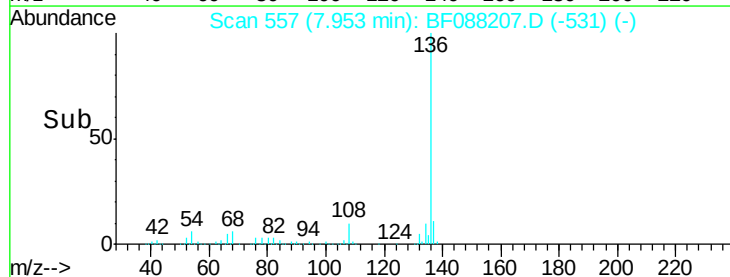
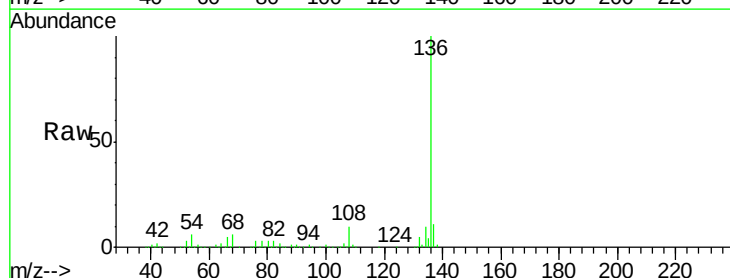
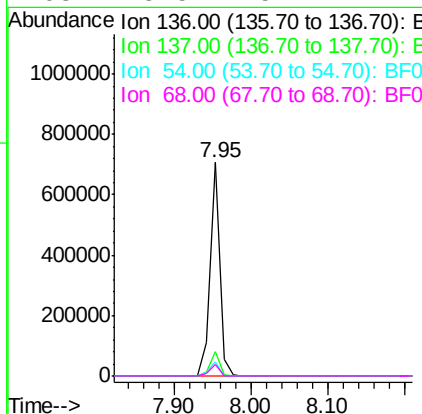
RT: 7.95 min Scan# 557

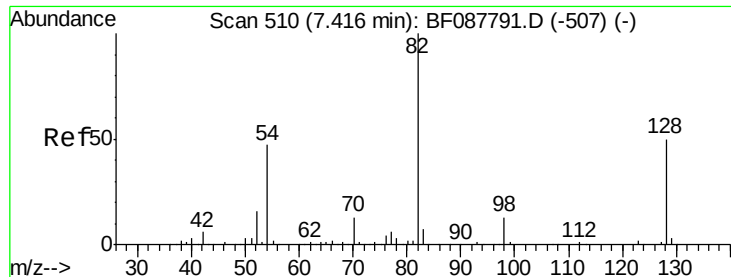
Delta R.T. -0.00 min

Lab File: BF088207.D

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Tgt Ion:	136	Resp:	605261
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	6.4	6.6	10.0#
68	5.5	5.1	7.7





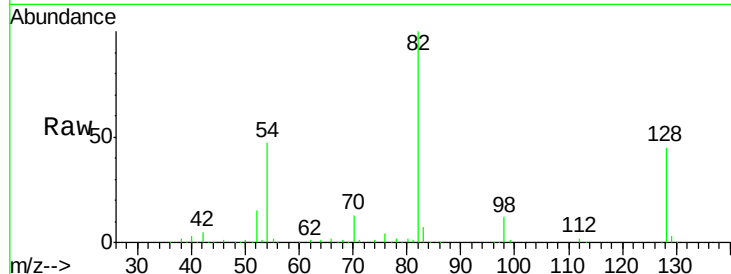
#23
 Nitrobenzene-d5
 Concen: 23.28 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: BF088207.D
 Acq: 21 Jun 2016 8:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPARE

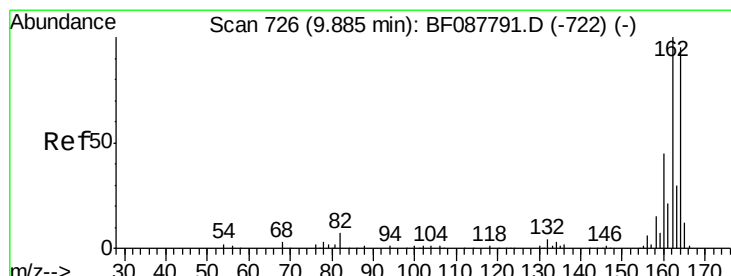
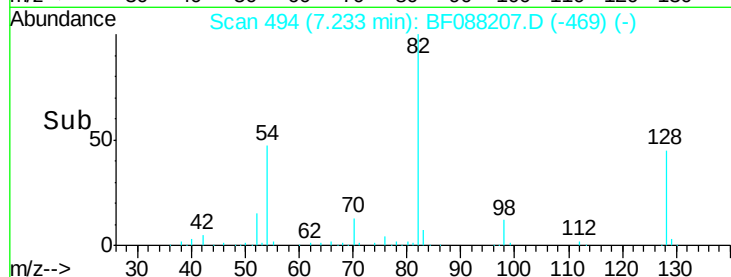
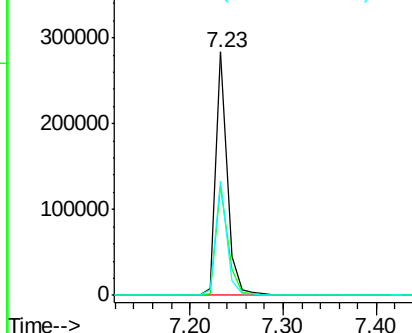
Tot Ion	Ratio	Resp	Lower	Upper
82	100	241322		
128	45.1	35.9	53.9	
54	46.7	40.9	61.3	

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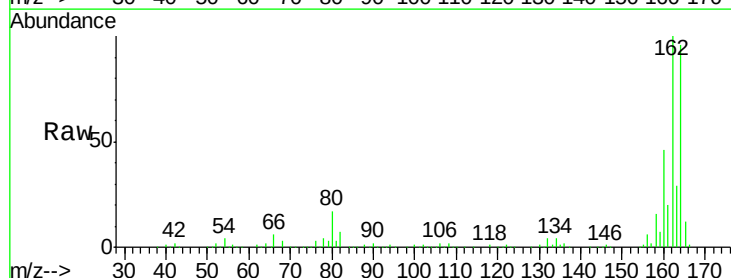


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

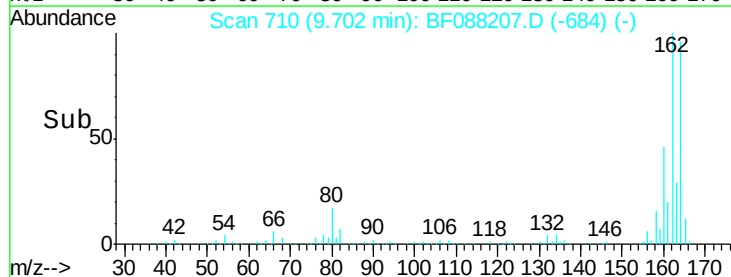
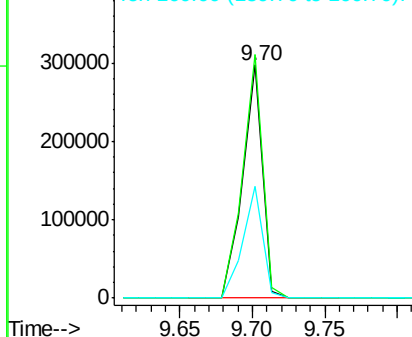


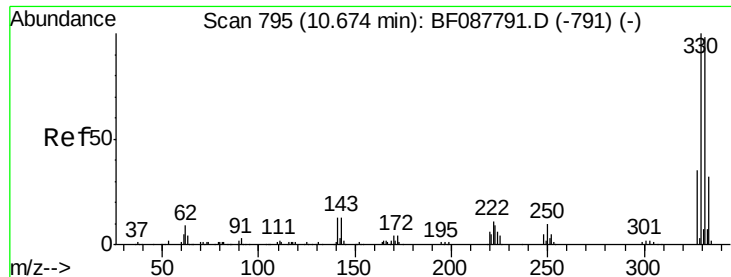
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.00 min
 Lab File: BF088207.D
 Acq: 21 Jun 2016 8:59

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	281542		
162	104.6	85.4	128.2	
160	47.9	39.5	59.3	



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





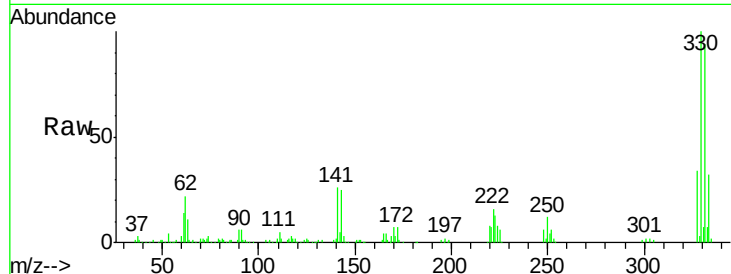
#41
 2,4,6-Tribromophenol
 Concen: 61.28 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF088207.D
 Acq: 21 Jun 2016 8:59

Instrument :
 BNA_F
 ClientSampleId :
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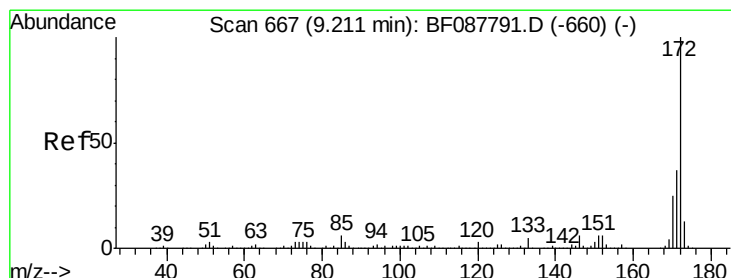
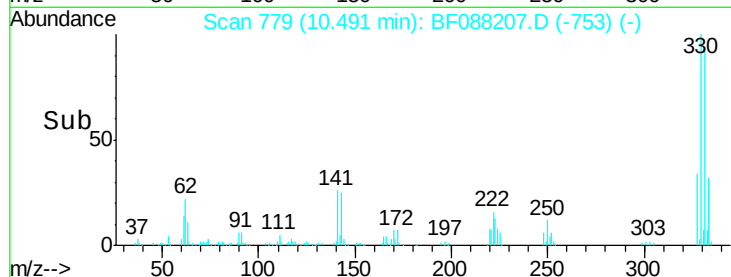
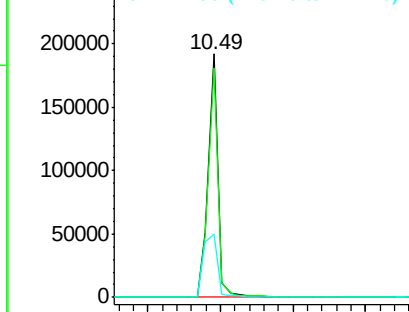
Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	95.5	0.0	0.0#
141	37.9	0.0	0.0#

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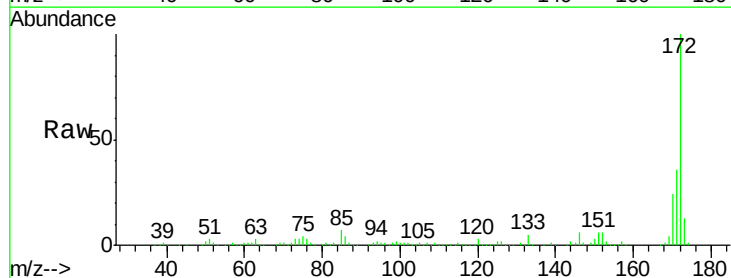


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

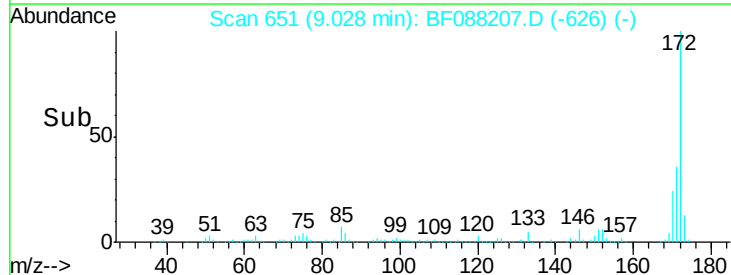
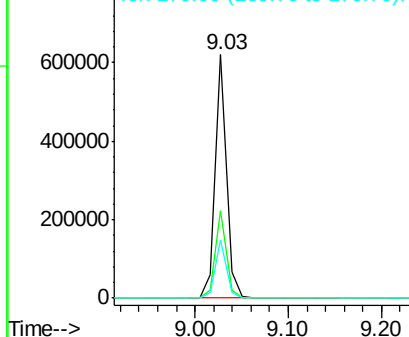


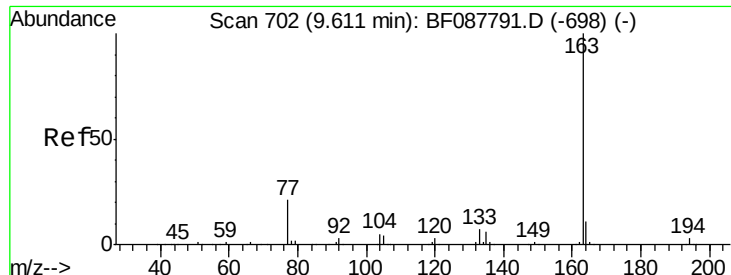
#44
 2-Fluorobiphenyl
 Concen: 25.08 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: BF088207.D
 Acq: 21 Jun 2016 8:59

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	36.1	28.6	43.0
170	24.0	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: 13.05 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF088207.D

Acq: 21 Jun 2016 8:59

Instrument :

BNA_F

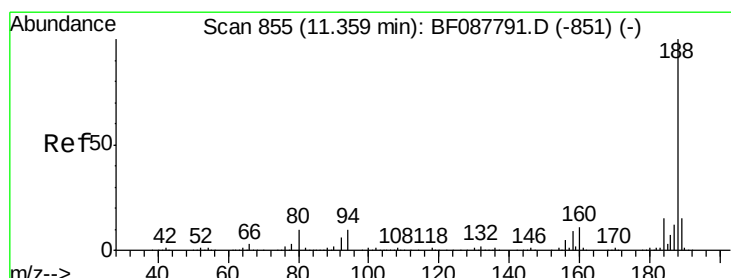
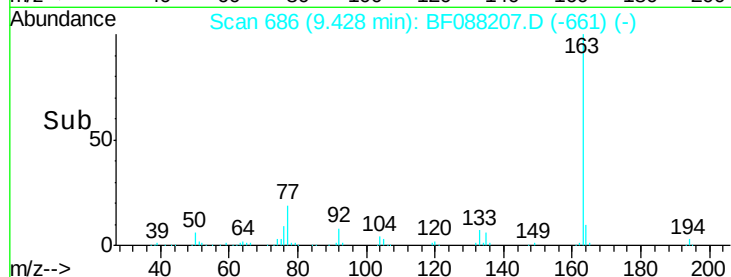
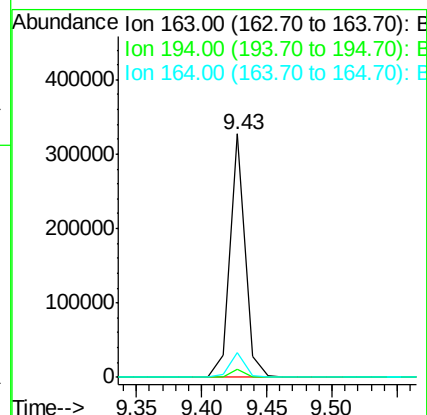
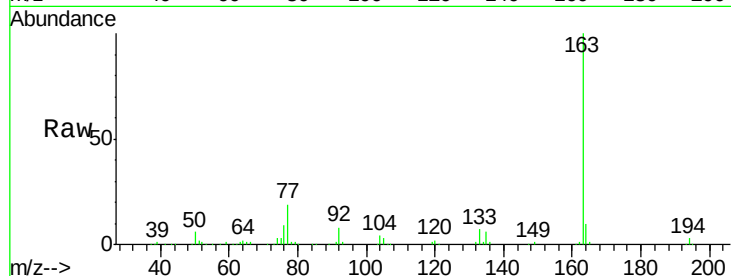
ClientSampleId :

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Tot Ion:	163	Resp:	266221
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.8	4.2
164	10.1	8.3	12.5

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#63

Phenanthrene-d10

Concen: 20.00 ng

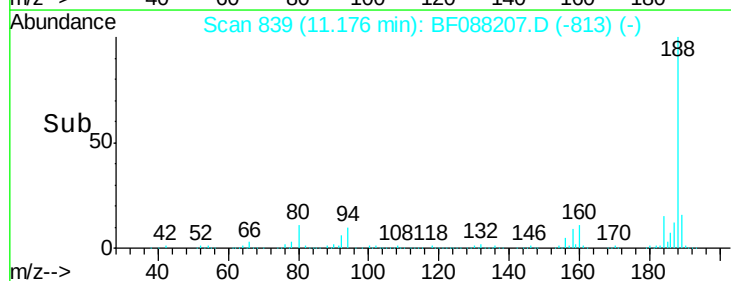
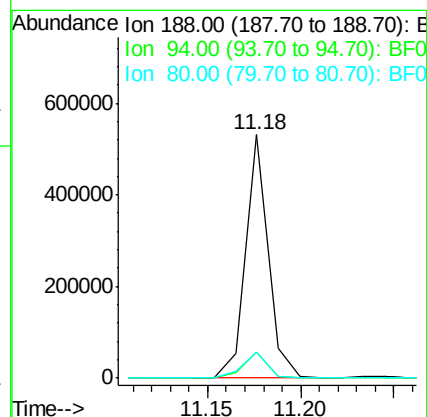
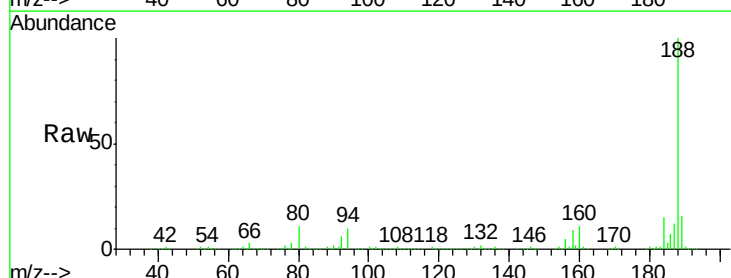
RT: 11.18 min Scan# 839

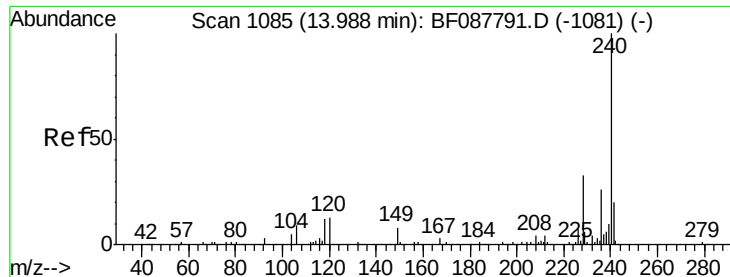
Delta R.T. -0.00 min

Lab File: BF088207.D

Acq: 21 Jun 2016 8:59

Tgt Ion:	188	Resp:	448792
Ion Ratio	Lower	Upper	
188	100		
94	10.4	9.0	13.6
80	10.7	10.0	15.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.81 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BF088207.D

Acq: 21 Jun 2016 8:59

Instrument :

BNA_F

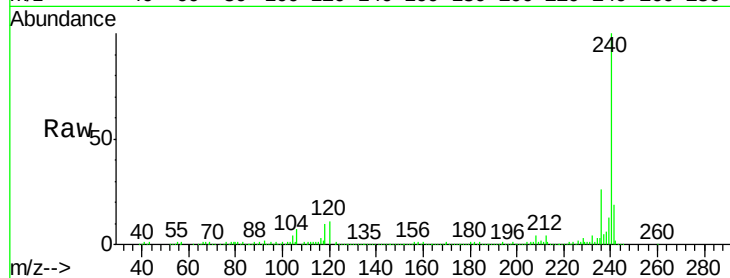
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
240	100	328630		
120	10.9	6.8	10.2	
236	25.8	20.2	30.2	

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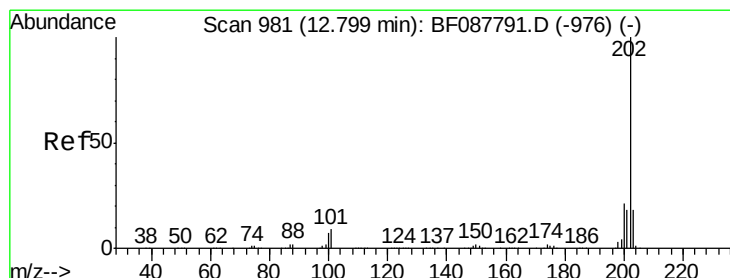
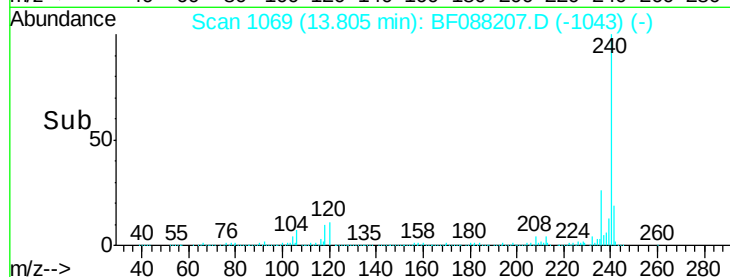
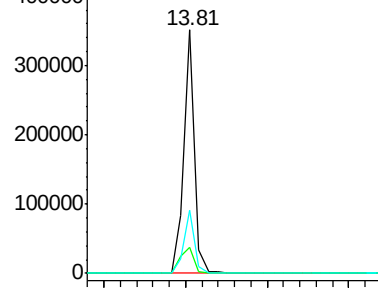
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 2.90 ng

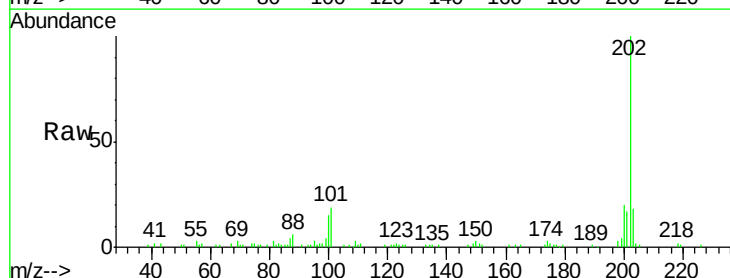
RT: 12.61 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF088207.D

Acq: 21 Jun 2016 8:59

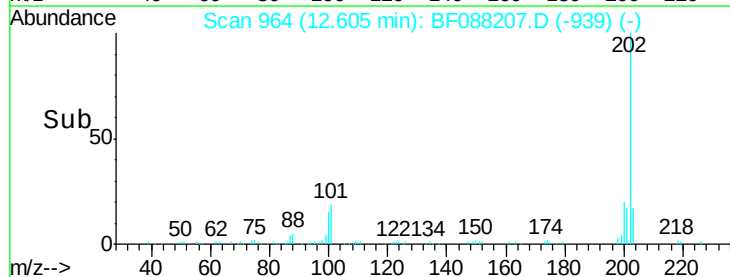
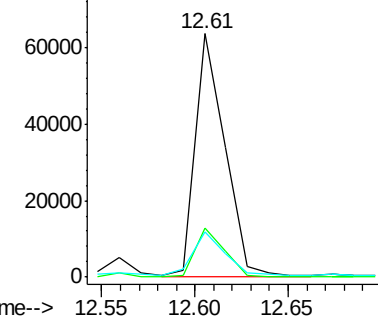
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	70688		
200	19.9	17.4	26.2	
203	18.3	14.5	21.7	

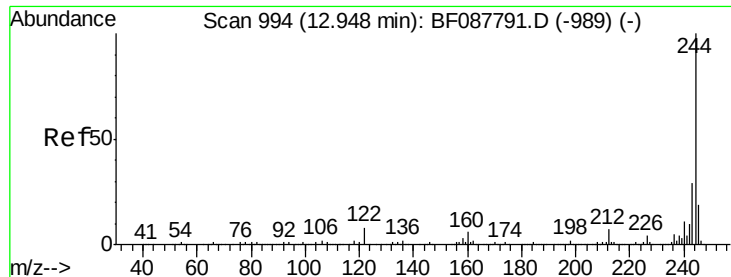


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





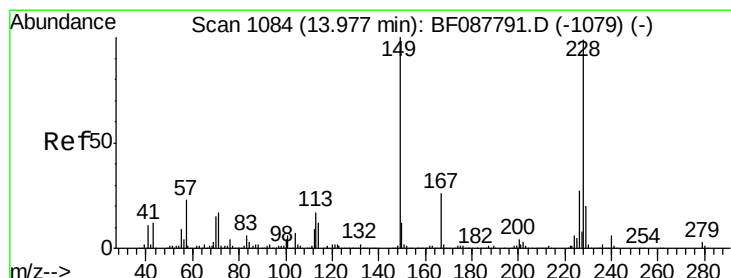
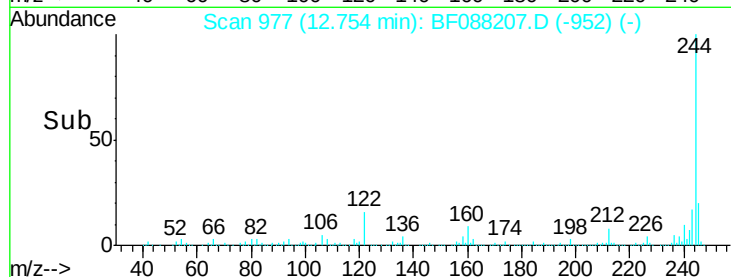
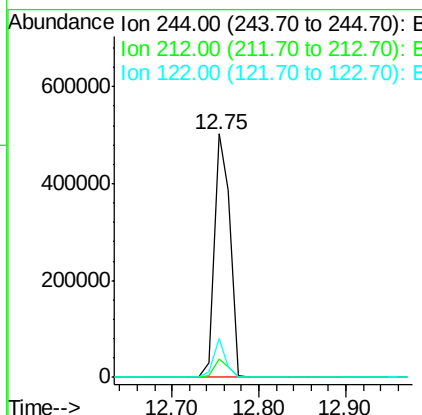
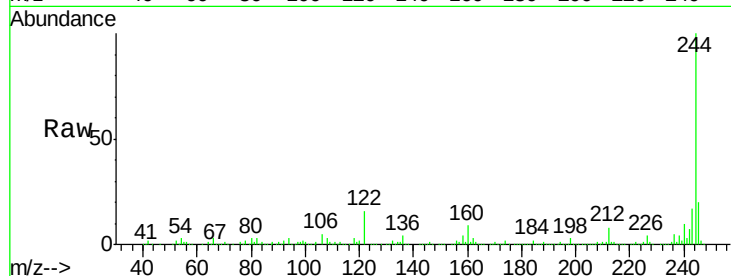
#78
 Terphenyl-d14
 Concen: 44.16 ng
 RT: 12.75 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BF088207.D
 Acq: 21 Jun 2016 8:59

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	16.0	11.2	16.8

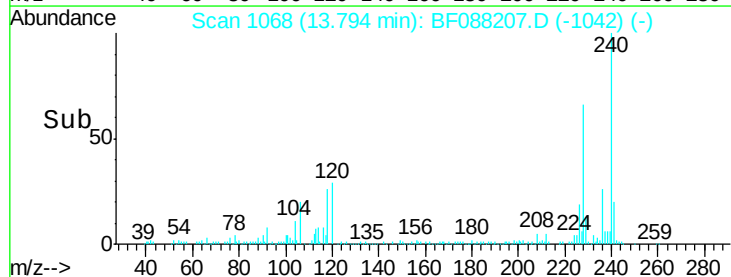
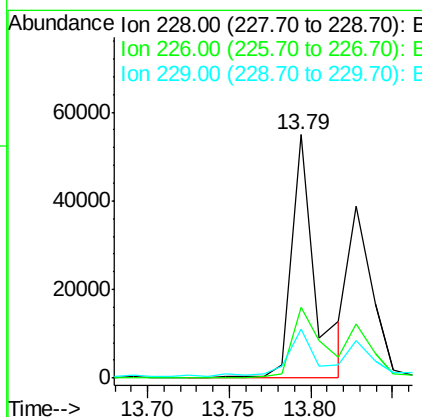
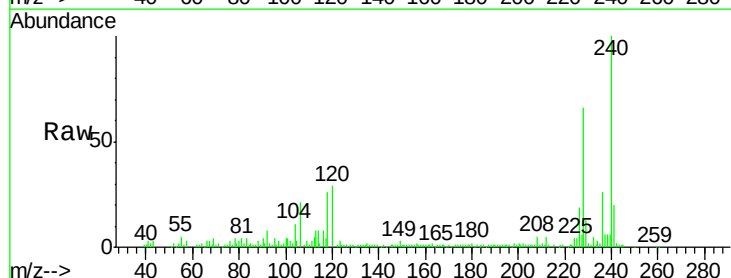
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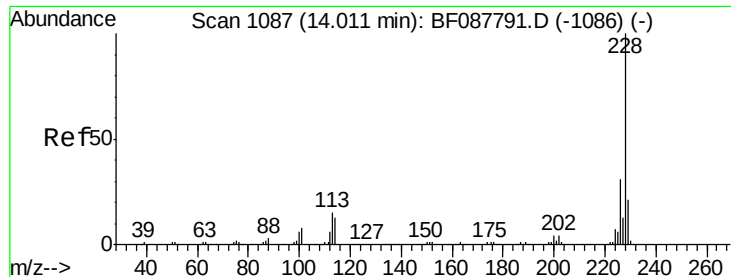
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#80
 Benzo(a)anthracene
 Concen: 2.96 ng
 RT: 13.79 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: BF088207.D
 Acq: 21 Jun 2016 8:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.3	33.5
229	20.2	16.0	24.0





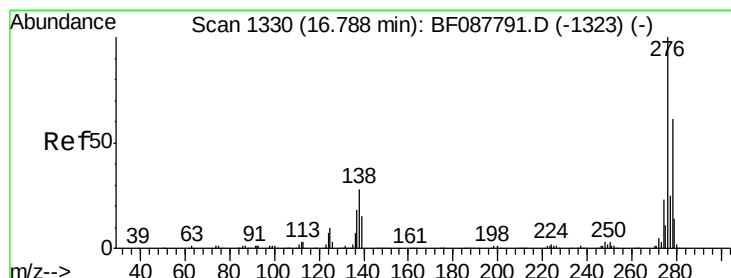
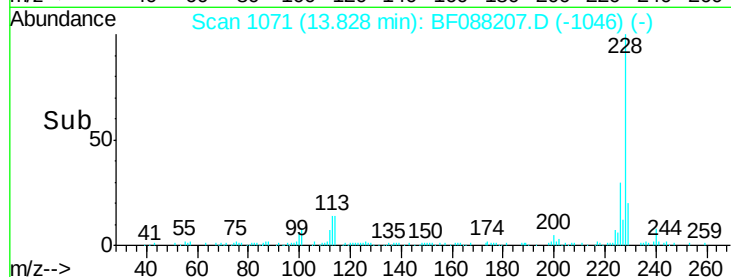
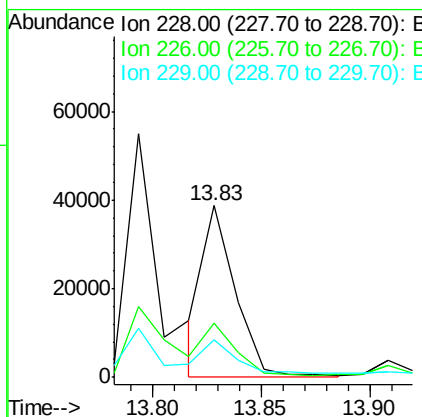
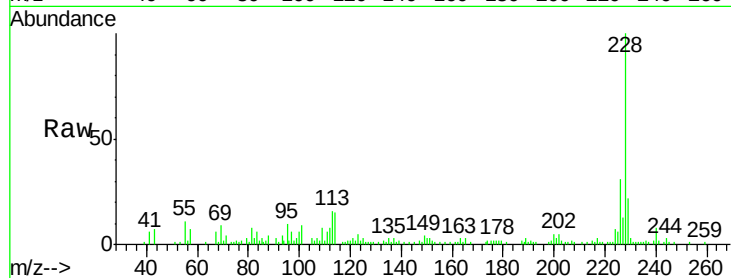
#82
Chrysene
Concen: 2.32 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF088207.D
Acq: 21 Jun 2016 8:59

Instrument :
BNA_F
ClientSampled :
SB-22-COMPRES

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.4	38.2
229	22.1	16.3	24.5

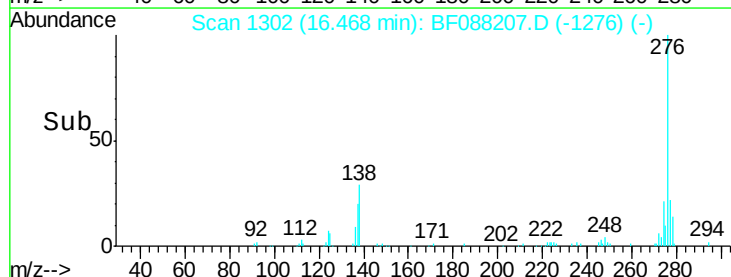
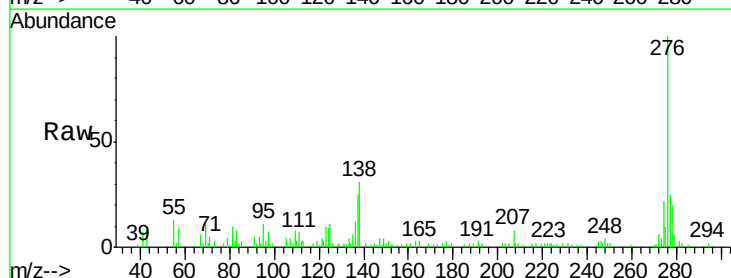
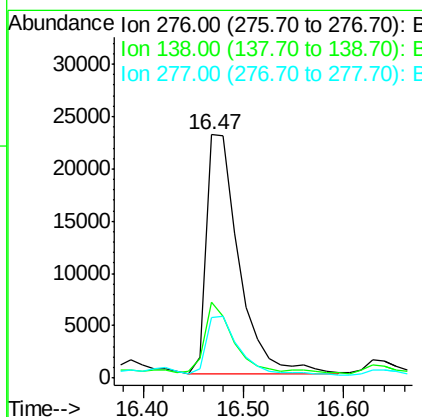
Manual Integrations
APPROVED

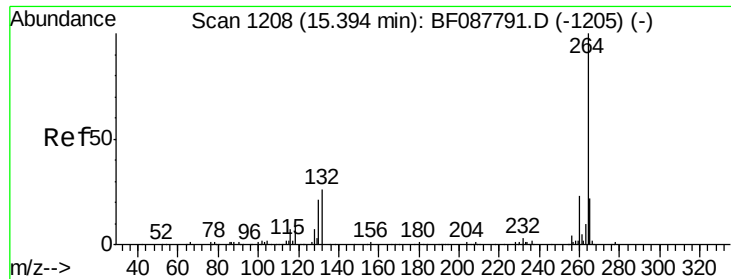
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#85
Indeno(1,2,3-cd)pyrene
Concen: 3.11 ng
RT: 16.47 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BF088207.D
Acq: 21 Jun 2016 8:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.9	0.0	0.0#
277	24.7	0.0	0.0#





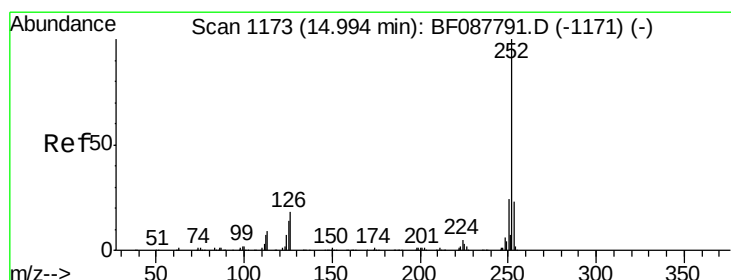
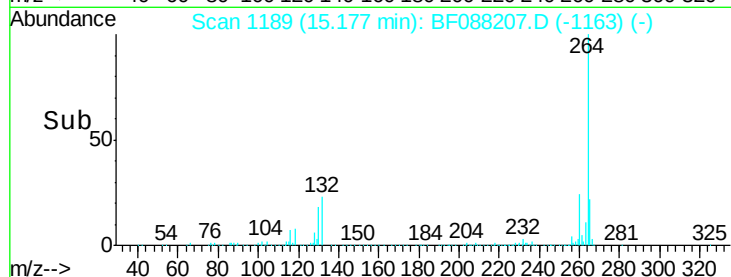
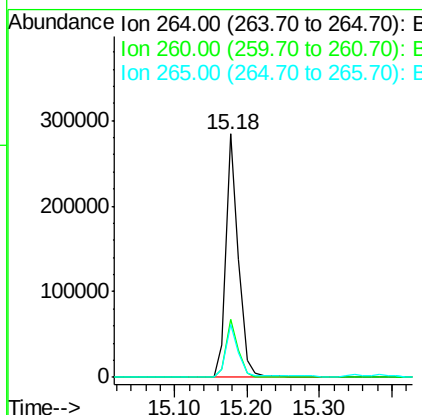
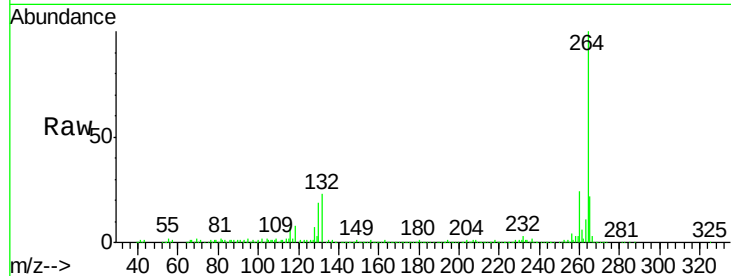
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF088207.D
Acq: 21 Jun 2016 8:59

Instrument :
BNA_F
ClientSampleId :
SB-22-COMPARE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.0	16.9	25.3

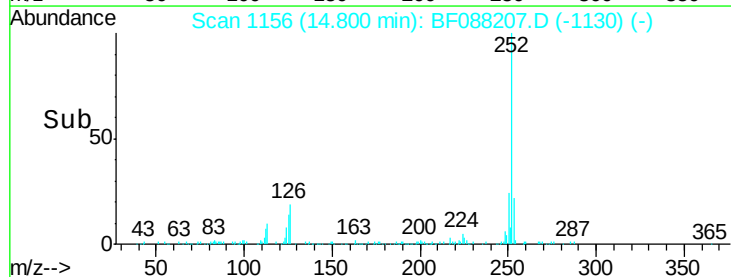
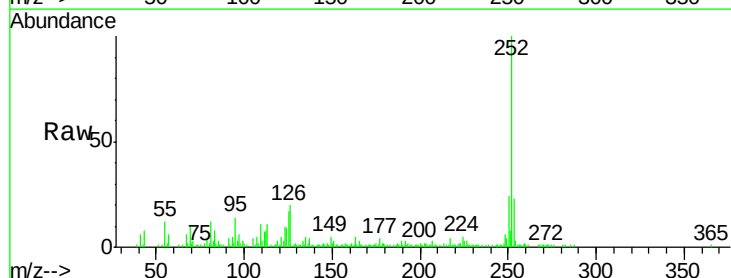
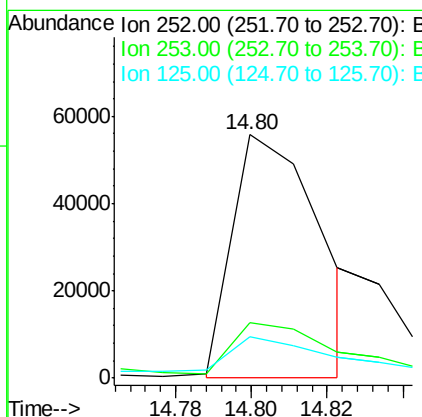
Manual Integrations
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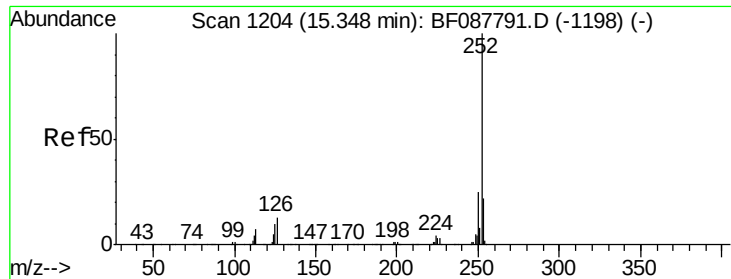
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#87
Benzo(b)fluoranthene
Concen: 3.78 ng m
RT: 14.80 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF088207.D
Acq: 21 Jun 2016 8:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	16.8	7.1	10.7#





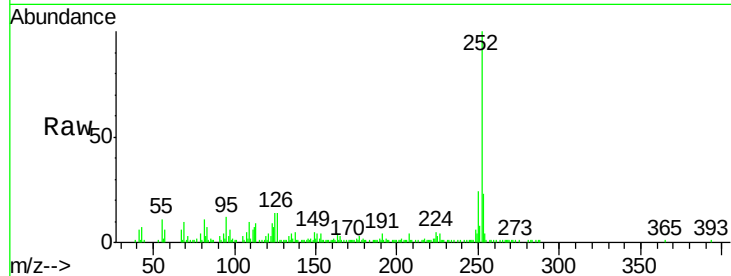
#89
Benzo(a)pyrene
Concen: 3.25 ng
RT: 15.13 min Scan# 1185
Delta R.T. 0.01 min
Lab File: BF088207.D
Acq: 21 Jun 2016 8:59

Instrument :
BNA_F
ClientSampleId :
SB-22-COMPRES

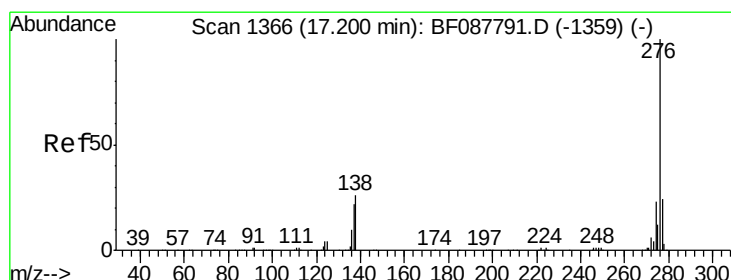
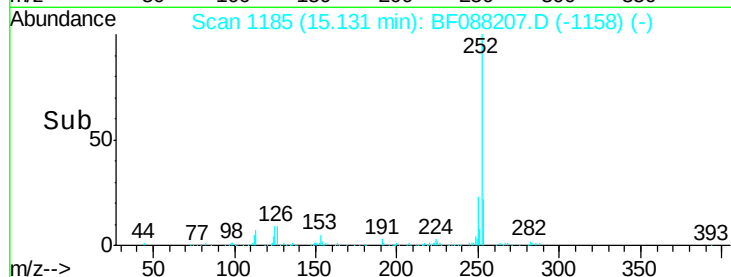
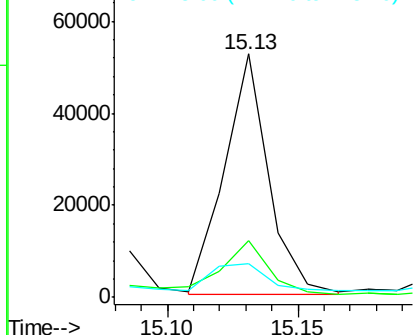
Tot Ion:	252	Resp:	62164
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.9	26.9
125	13.6	12.5	18.7

Manual Integrations
APPROVED

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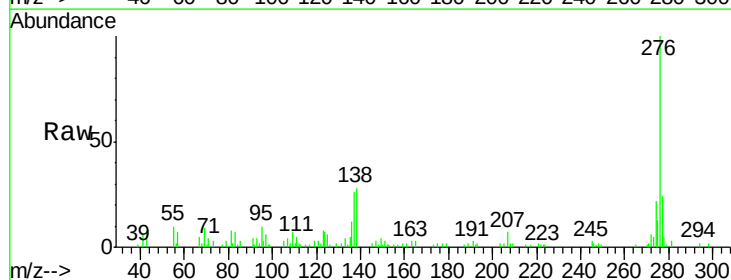


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#91
Benzo(g,h,i)perylene
Concen: 2.91 ng
RT: 16.86 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF088207.D
Acq: 21 Jun 2016 8:59

Tgt Ion:	276	Resp:	53145
Ion Ratio	Lower	Upper	
276	100		
277	24.5	18.9	28.3
138	28.4	21.4	32.2



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

