

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\
 Data File : BF092131.D
 Acq On : 6 Jan 2017 21:50
 Operator : UM/SJ
 Sample : I1045-05 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAP-SP3

Manual Integrations
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Quant Time: Jan 07 02:37:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	207845	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	824571	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	322015	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	435211	20.00	ng	0.00
75) Chrysene-d12	13.79	240	489896	20.00	ng	0.00
86) Perylene-d12	15.16	264	337695	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	157716	12.67	ng	0.01
7) Phenol-d6	6.32	99	190281	12.52	ng	0.01
23) Nitrobenzene-d5	7.21	82	122964	8.29	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	26397	9.91	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	215579	0.96	ng	0.00
78) Terphenyl-d14	12.75	244	165028	8.17	ng	0.00
Target Compounds						
70) Phenanthrene	11.18	178	87667	3.71	ng	96
77) Pyrene	12.59	202	100832	2.81	ng	97
82) Chrysene	13.81	228	58758m	2.12	ng	

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

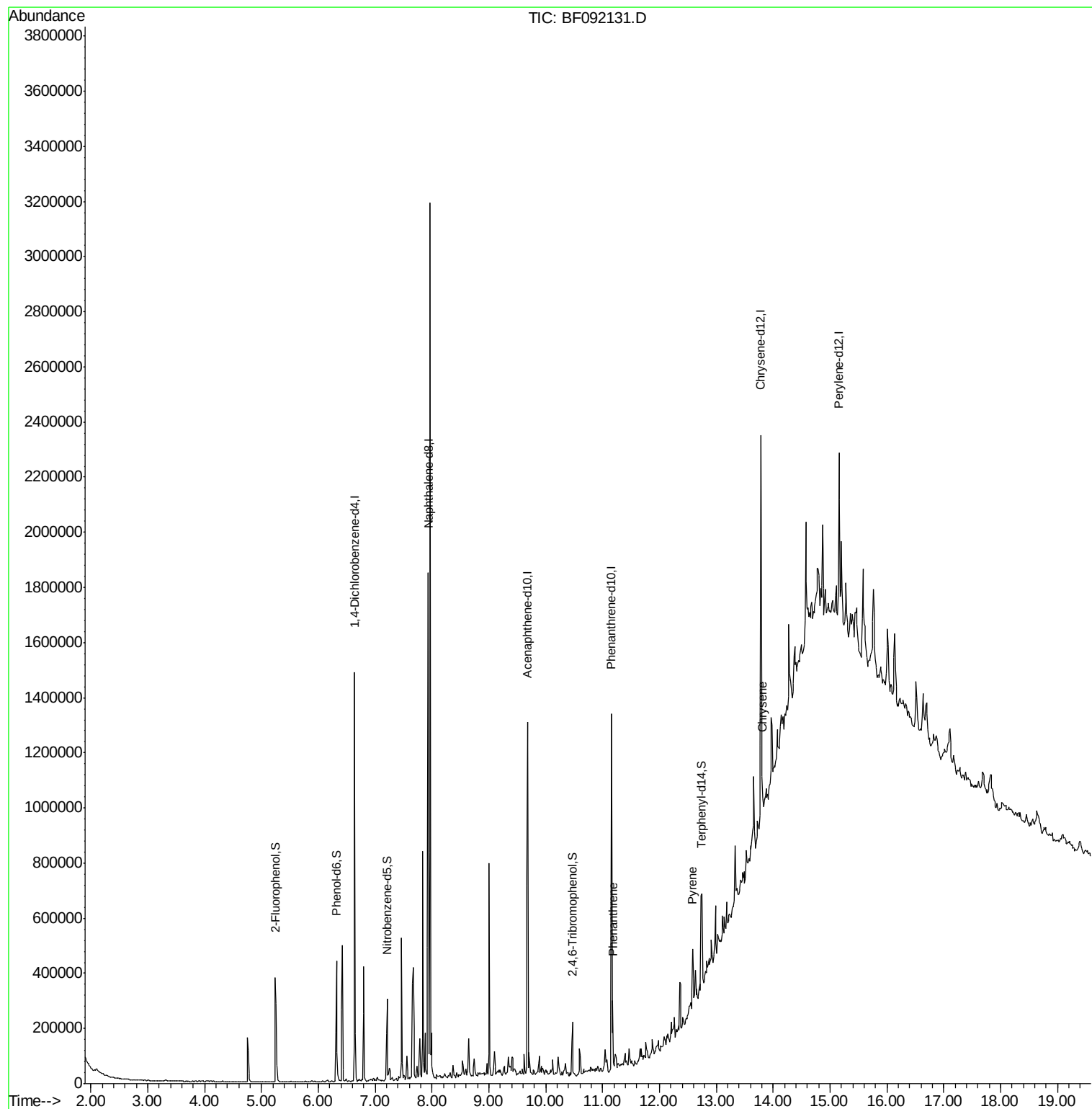
Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\
Data File : BF092131.D
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Operator : UM/SJ
Sample : I1045-05 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

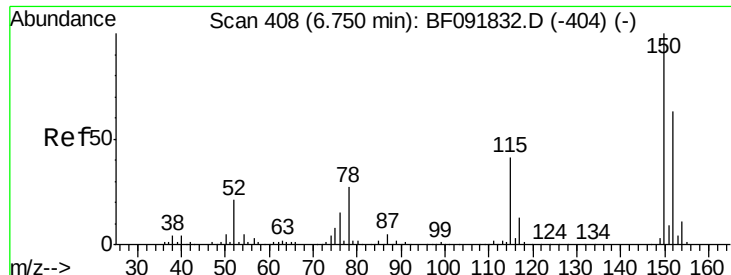
Instrument :
BNA_F
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#1

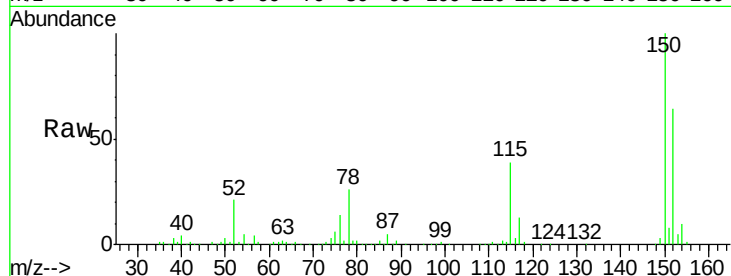
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF092131.D
Acq: 6 Jan 2017 21:50

Instrument :
BNA_F
ClientSampled :
RAP-SP3

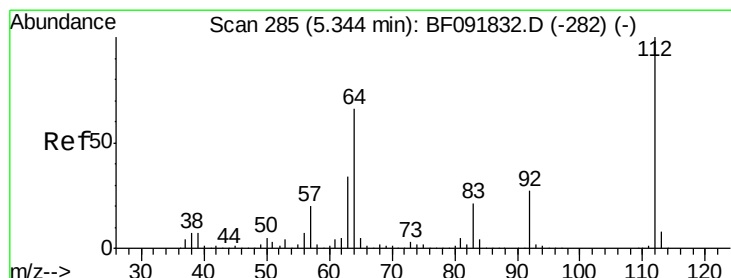
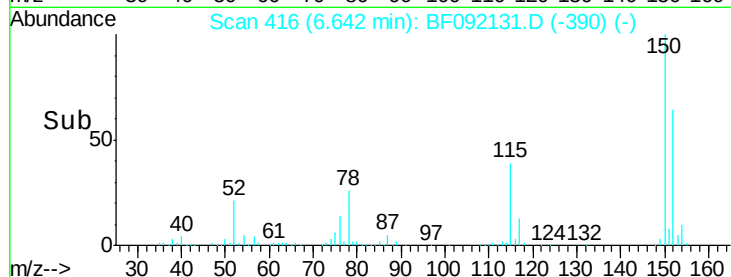
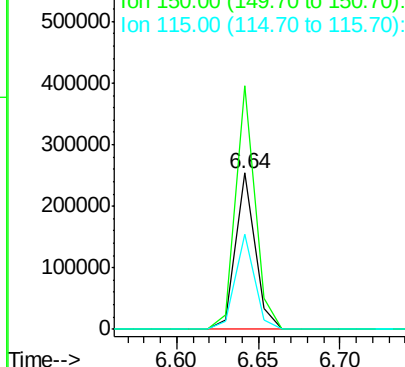
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.9	187.3
115	61.0	46.0	69.0

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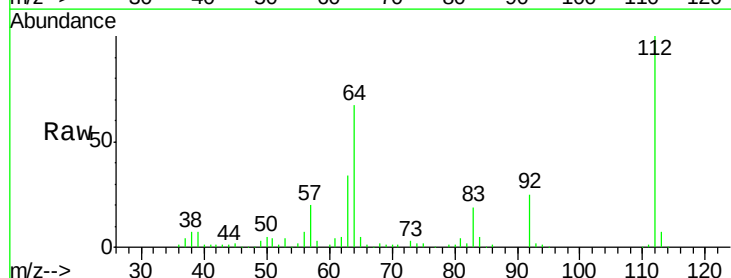
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



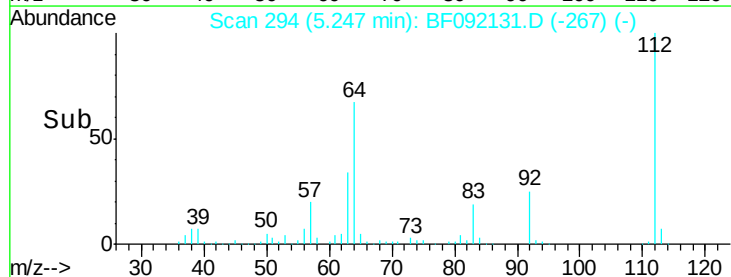
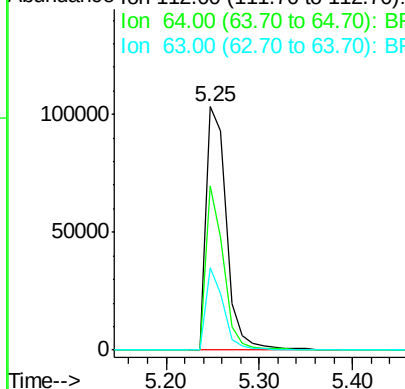
#5

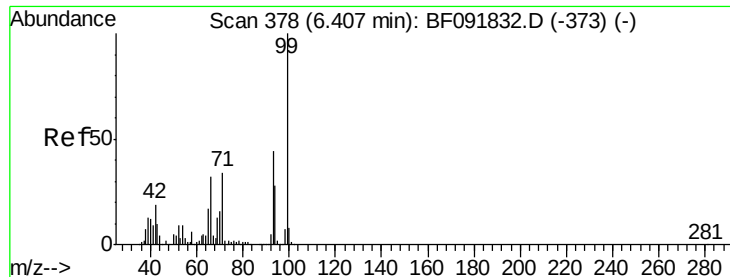
2-Fluorophenol
Concen: 12.67 ng
RT: 5.25 min Scan# 294
Delta R.T. 0.01 min
Lab File: BF092131.D
Acq: 6 Jan 2017 21:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.4	46.1	69.1
63	34.0	23.8	35.6



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: 12.52 ng

RT: 6.32 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF092131.D

Acq: 6 Jan 2017 21:50

Instrument :

BNA_F

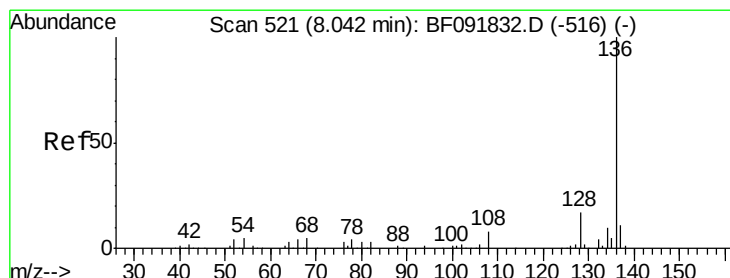
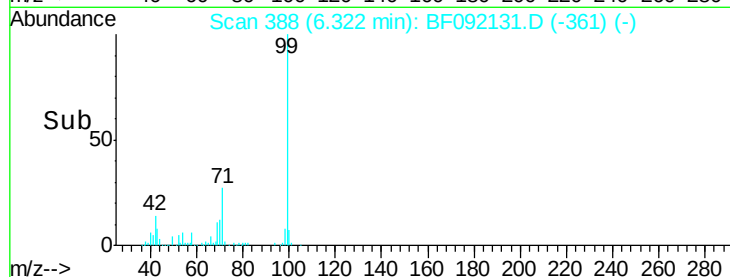
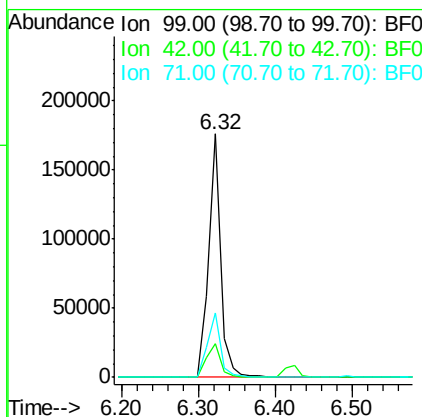
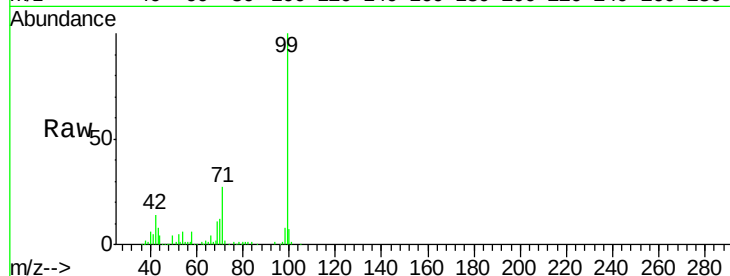
ClientSampleId :

RAP-SP3

Tot Ion:	99	Resp:	190281
Ion Ratio	Lower	Upper	
99	100		
42	13.9	15.6	23.4#
71	26.6	27.5	41.3#

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#21

Naphthalene-d8

Concen: 20.00 ng

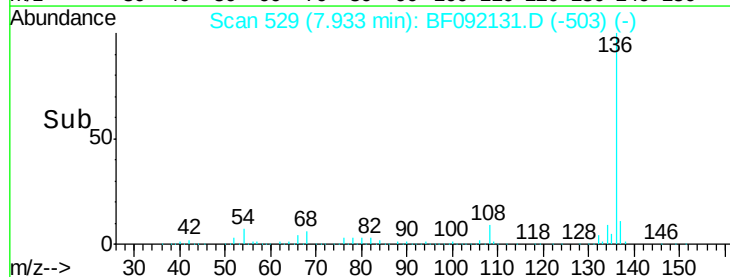
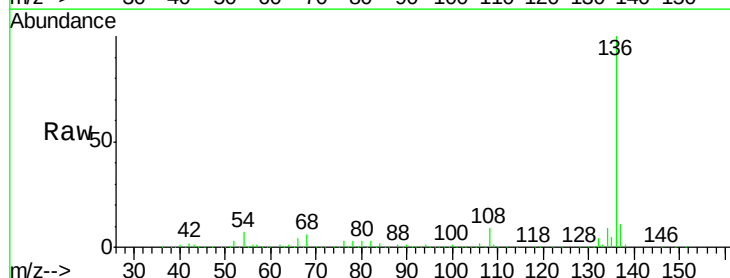
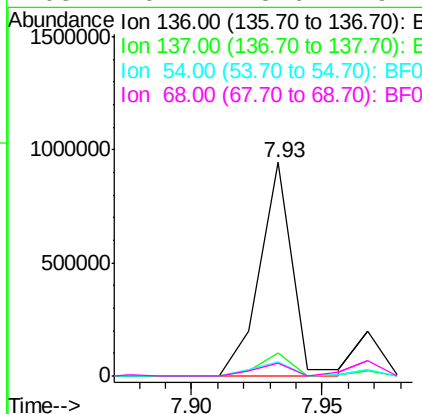
RT: 7.93 min Scan# 529

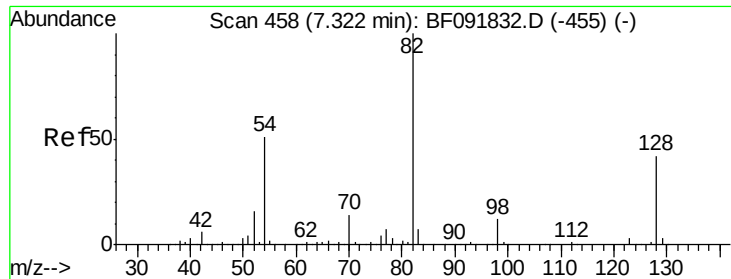
Delta R.T. 0.00 min

Lab File: BF092131.D

Acq: 6 Jan 2017 21:50

Tgt Ion:	136	Resp:	824571
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.4	12.6
54	6.6	4.5	6.7
68	6.1	3.6	5.4#





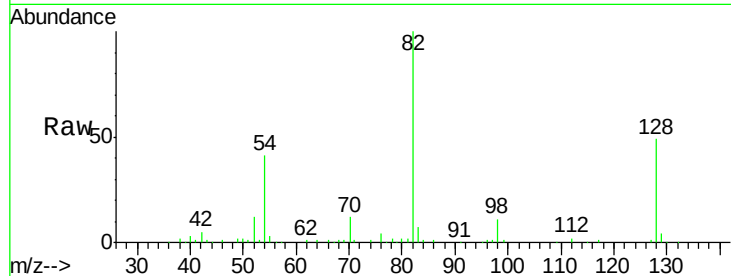
#23
 Nitrobenzene-d5
 Concen: 8.29 ng
 RT: 7.21 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF092131.D
 Acq: 6 Jan 2017 21:50

Instrument :
 BNA_F
 ClientSampled :
 RAP-SP3

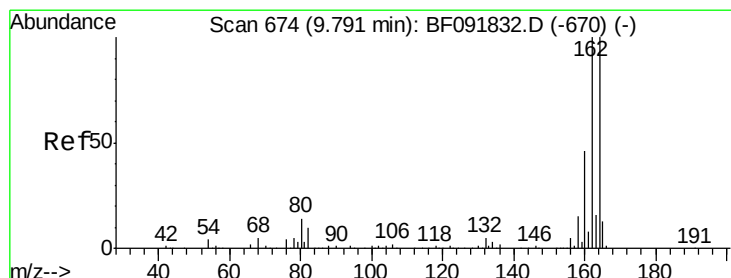
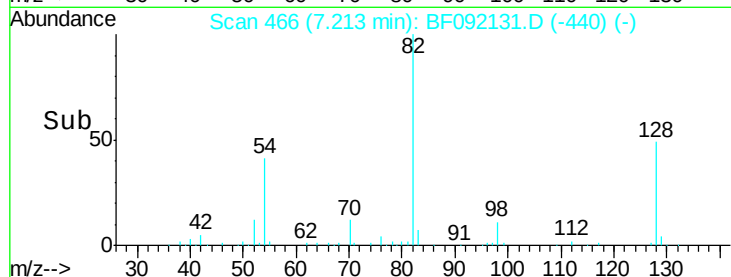
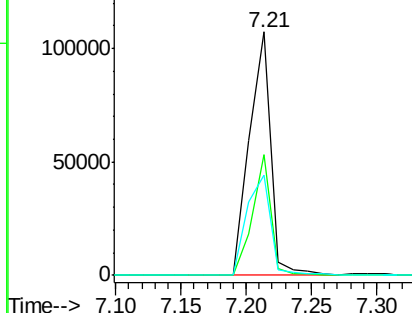
Tot Ion	Ratio	Resp	Lower	Upper
82	100	122964		
128	49.4	34.6	52.0	
54	41.2	39.5	59.3	

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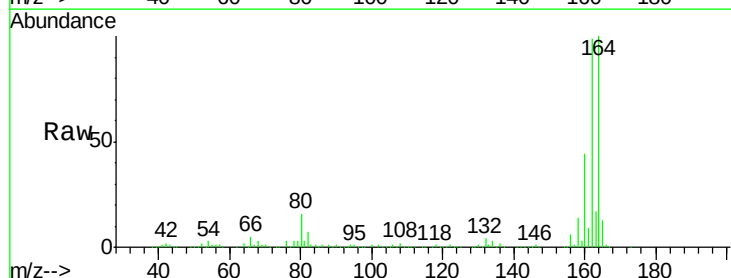


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

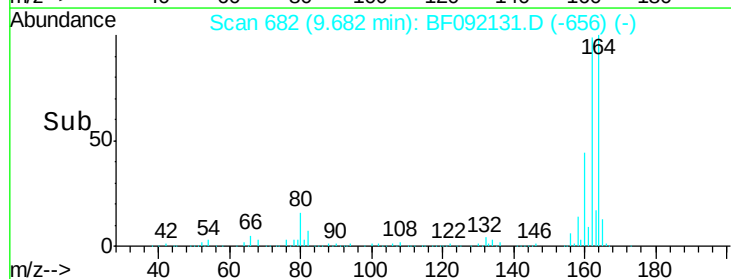
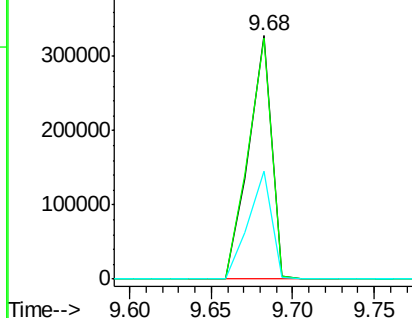


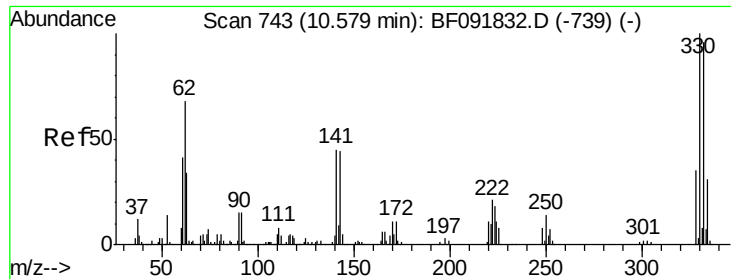
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF092131.D
 Acq: 6 Jan 2017 21:50

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	322015		
162	99.0	80.2	120.2	
160	44.5	36.9	55.3	



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





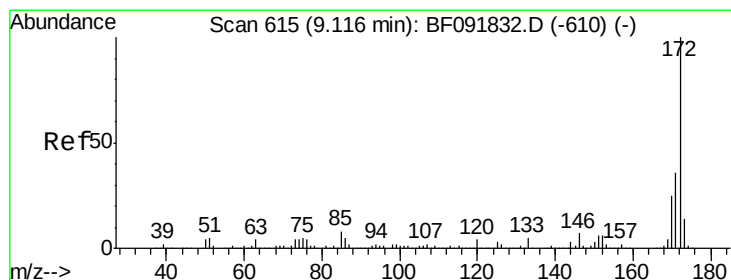
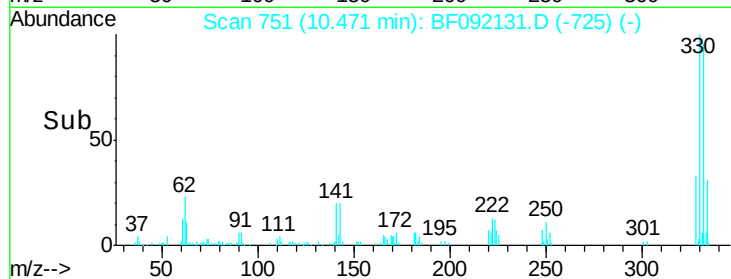
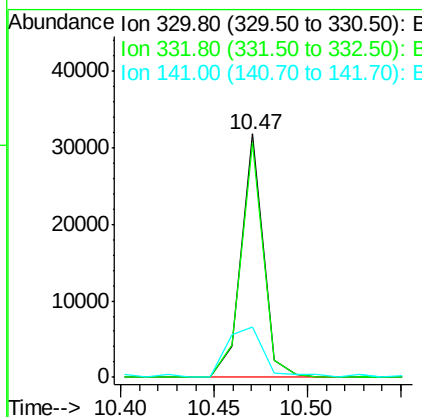
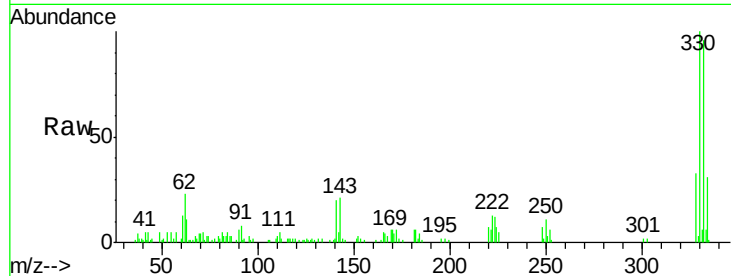
#41
 2,4,6-Tribromophenol
 Concen: 9.91 ng
 RT: 10.47 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF092131.D
 Acq: 6 Jan 2017 21:50

Instrument :
 BNA_F
 ClientSampleId :
 RAP-SP3

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.4	116.2
141	34.6	34.1	51.1

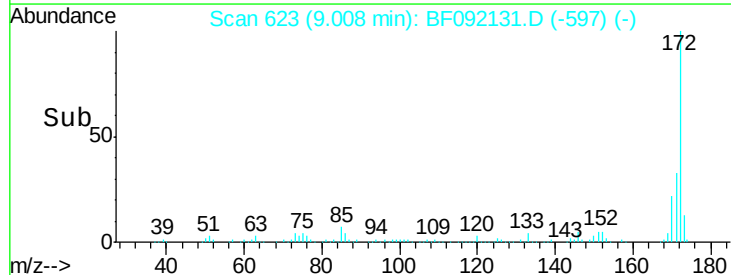
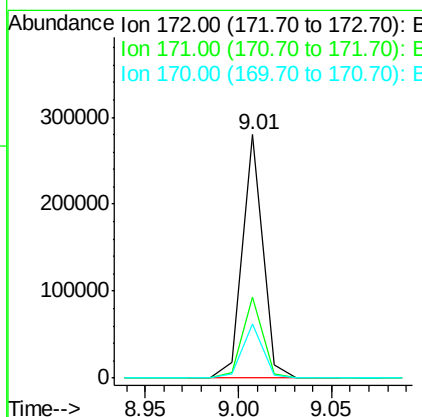
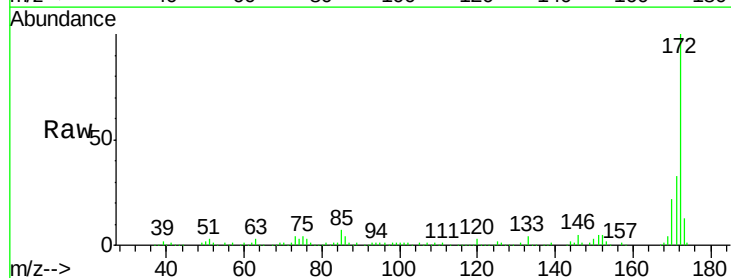
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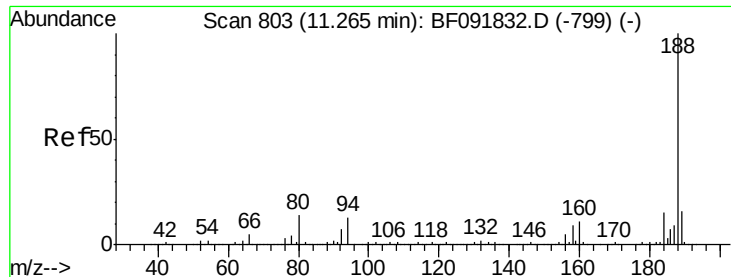
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#44
 2-Fluorobiphenyl
 Concen: 0.96 ng
 RT: 9.01 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092131.D
 Acq: 6 Jan 2017 21:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.3	29.4	44.0
170	22.4	20.2	30.4





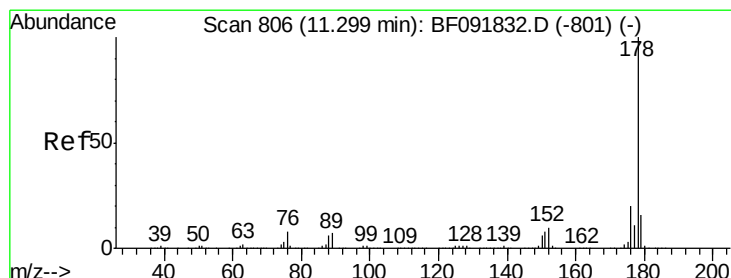
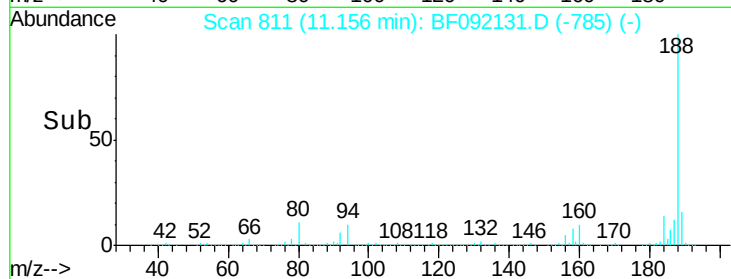
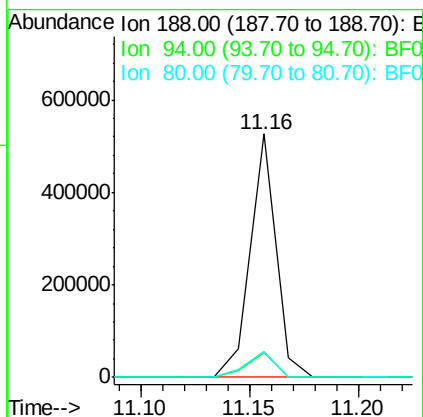
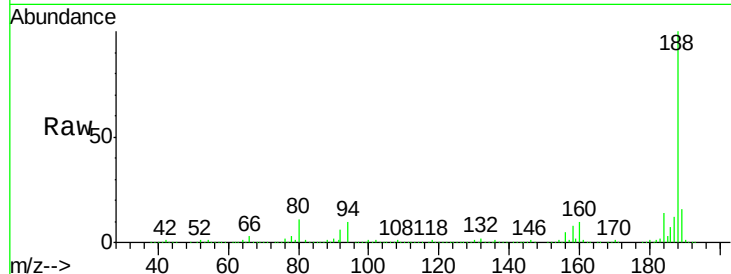
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF092131.D
Acq: 6 Jan 2017 21:50

Instrument :
BNA_F
ClientSampleId :
RAP-SP3

Tot Ion	Ratio	Resp	Lower	Upper
188	100	435211		
94	10.2		10.0	15.0
80	10.7		11.2	16.8

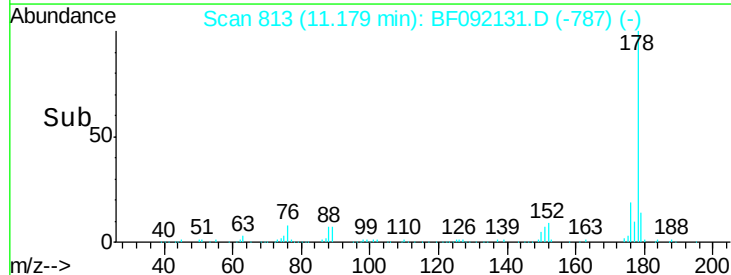
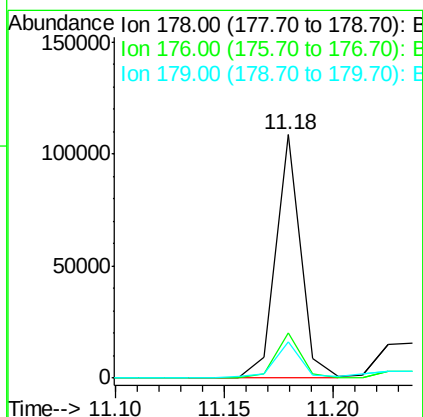
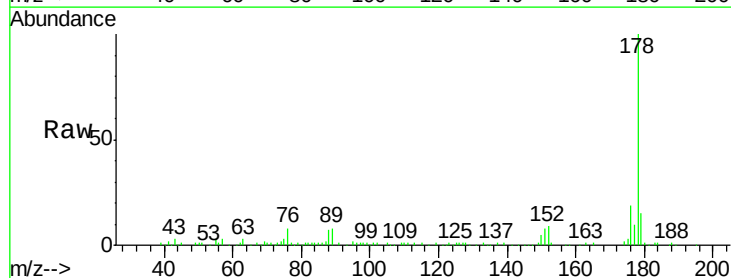
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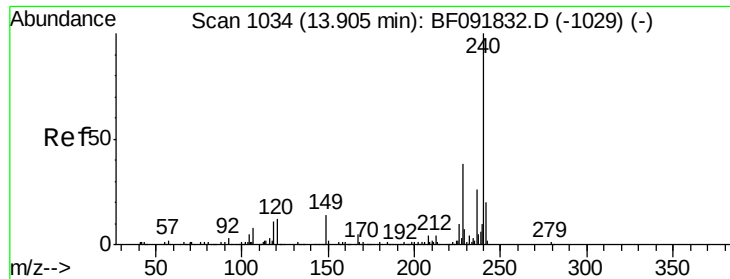
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#70
Phenanthrene
Concen: 3.71 ng
RT: 11.18 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF092131.D
Acq: 6 Jan 2017 21:50

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	87667		
176	18.8		16.6	25.0
179	14.8		12.8	19.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF092131.D

Acq: 6 Jan 2017 21:50

Instrument :

BNA_F

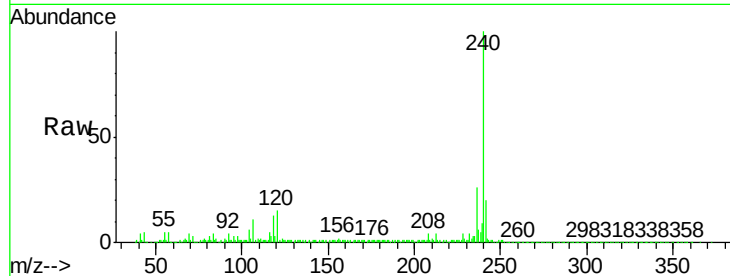
ClientSampleId :

RAP-SP3

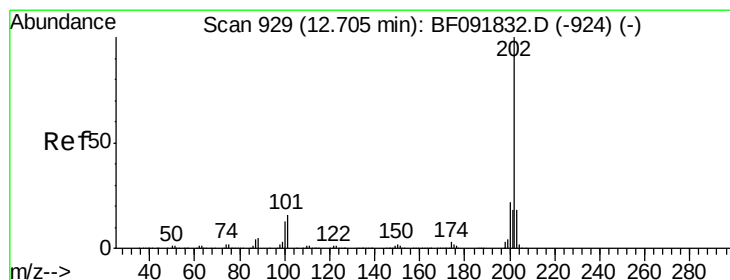
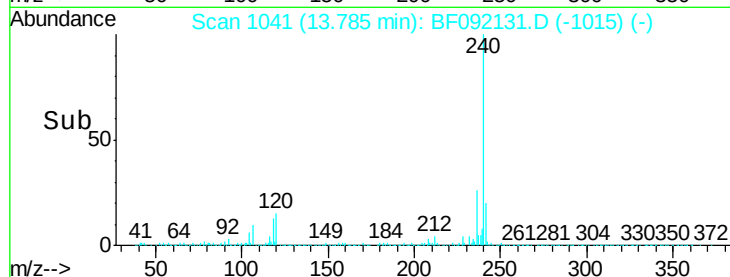
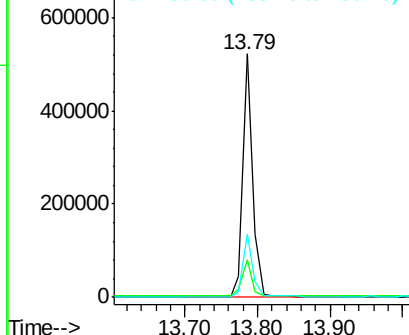
Tot Ion:	240	Resp:	489896
Ion Ratio	Lower	Upper	
240	100		
120	15.2	12.9	19.3
236	26.1	20.9	31.3

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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: 2.81 ng

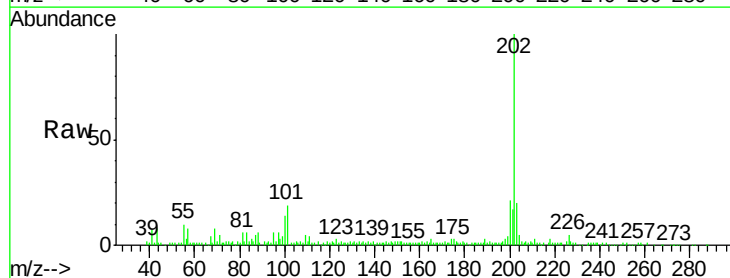
RT: 12.59 min Scan# 936

Delta R.T. 0.00 min

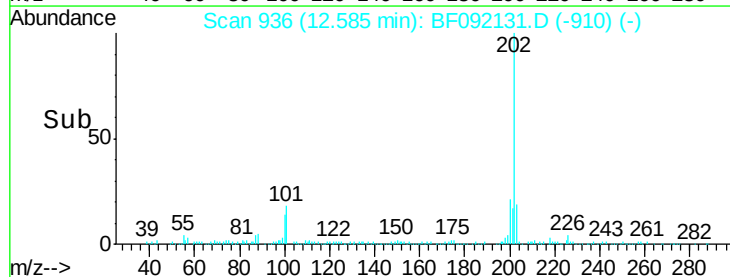
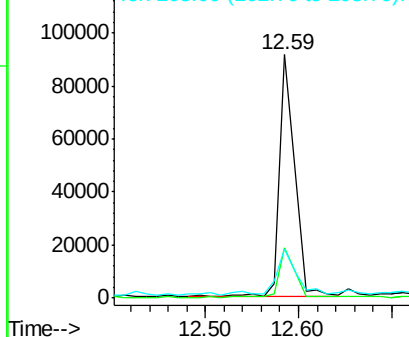
Lab File: BF092131.D

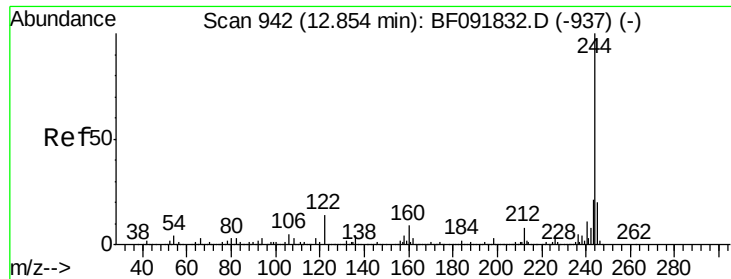
Acq: 6 Jan 2017 21:50

Tgt Ion:	202	Resp:	100832
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.7	26.5
203	20.3	14.7	22.1



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





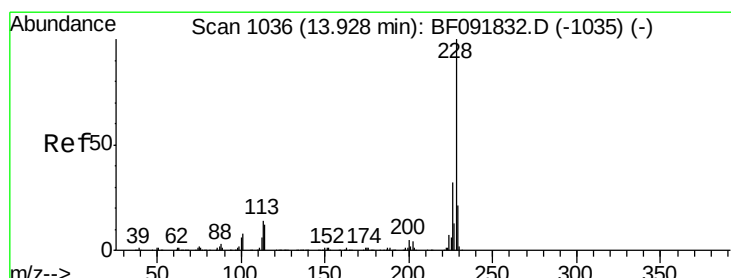
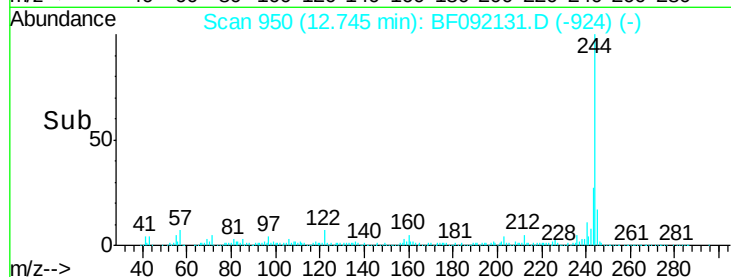
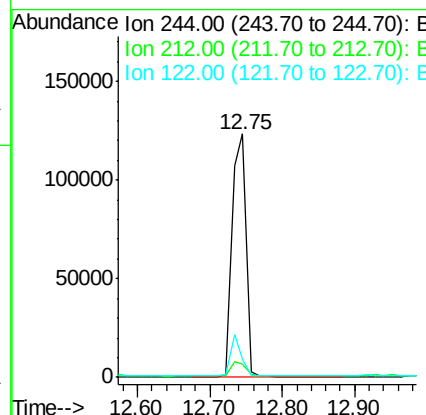
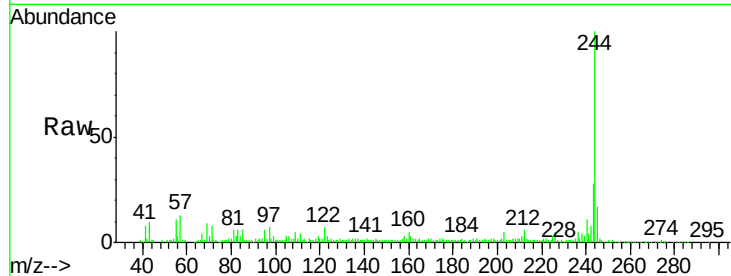
#78
 Terphenyl-d14
 Concen: 8.17 ng
 RT: 12.75 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF092131.D
 Acq: 6 Jan 2017 21:50

Instrument :
 BNA_F
 ClientSampleId :
 RAP-SP3

Tot Ion	Ratio	Lower	Upper
244	100		
212	5.5	6.2	9.2#
122	7.3	11.4	17.2#

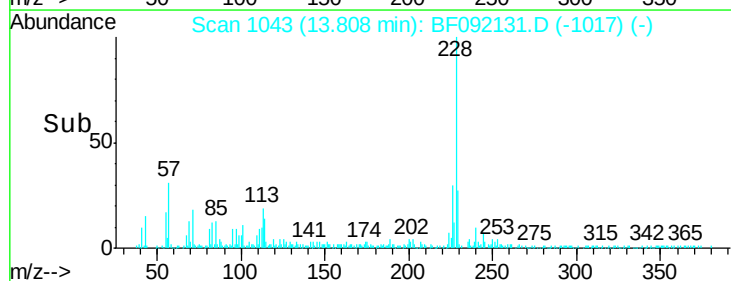
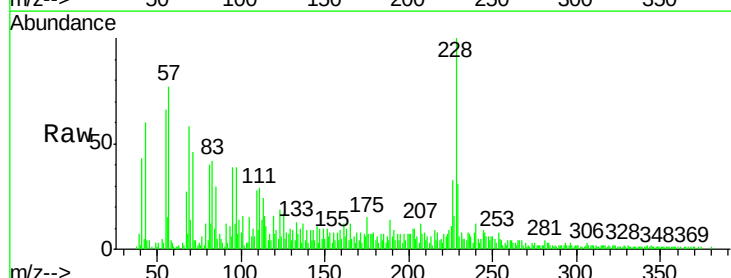
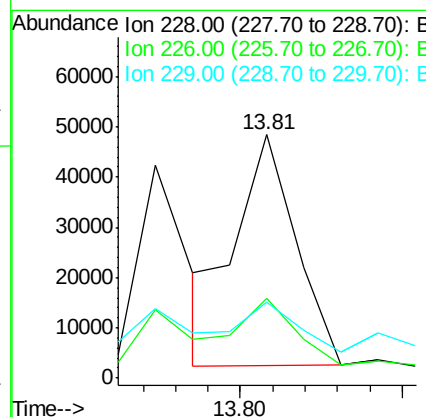
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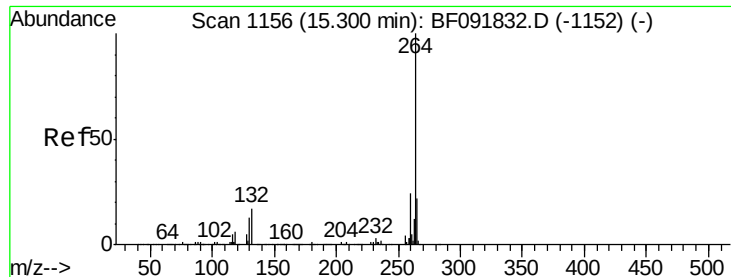
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#82
 Chrysene
 Concen: 2.12 ng m
 RT: 13.81 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF092131.D
 Acq: 6 Jan 2017 21:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.9	25.4	38.0
229	31.4	16.2	24.2#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.16 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BF092131.D
Acq: 6 Jan 2017 21:50

Instrument :
BNA_F
ClientSampleId :
RAP-SP3

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.6	17.4	26.0

Manual Integrations
APPROVED

Sohil
1/9/2017 10:48:09 AM

