

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\
 Data File : BF092132.D
 Acq On : 6 Jan 2017 22:18
 Operator : UM/SJ
 Sample : I1045-06 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAP-SP4

Manual Integrations
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Quant Time: Jan 06 23:52:21 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	153414	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	555489	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	235680	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	359170	20.00	ng	0.00
75) Chrysene-d12	13.79	240	329960	20.00	ng	0.00
86) Perylene-d12	15.16	264	272257	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	134112	14.60	ng	0.02
7) Phenol-d6	6.32	99	148224	13.21	ng	0.01
23) Nitrobenzene-d5	7.21	82	85287	8.54	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	23061	11.82	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	155562	0.74	ng	0.00
78) Terphenyl-d14	12.74	244	120406	8.85	ng	0.00
Target Compounds						
70) Phenanthrene	11.18	178	43415	2.23	ng	Qvalue 98
77) Pyrene	12.58	202	75736m	3.13	ng	
80) Benzo(a)anthracene	13.77	228	41613	2.23	ng	# 84

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

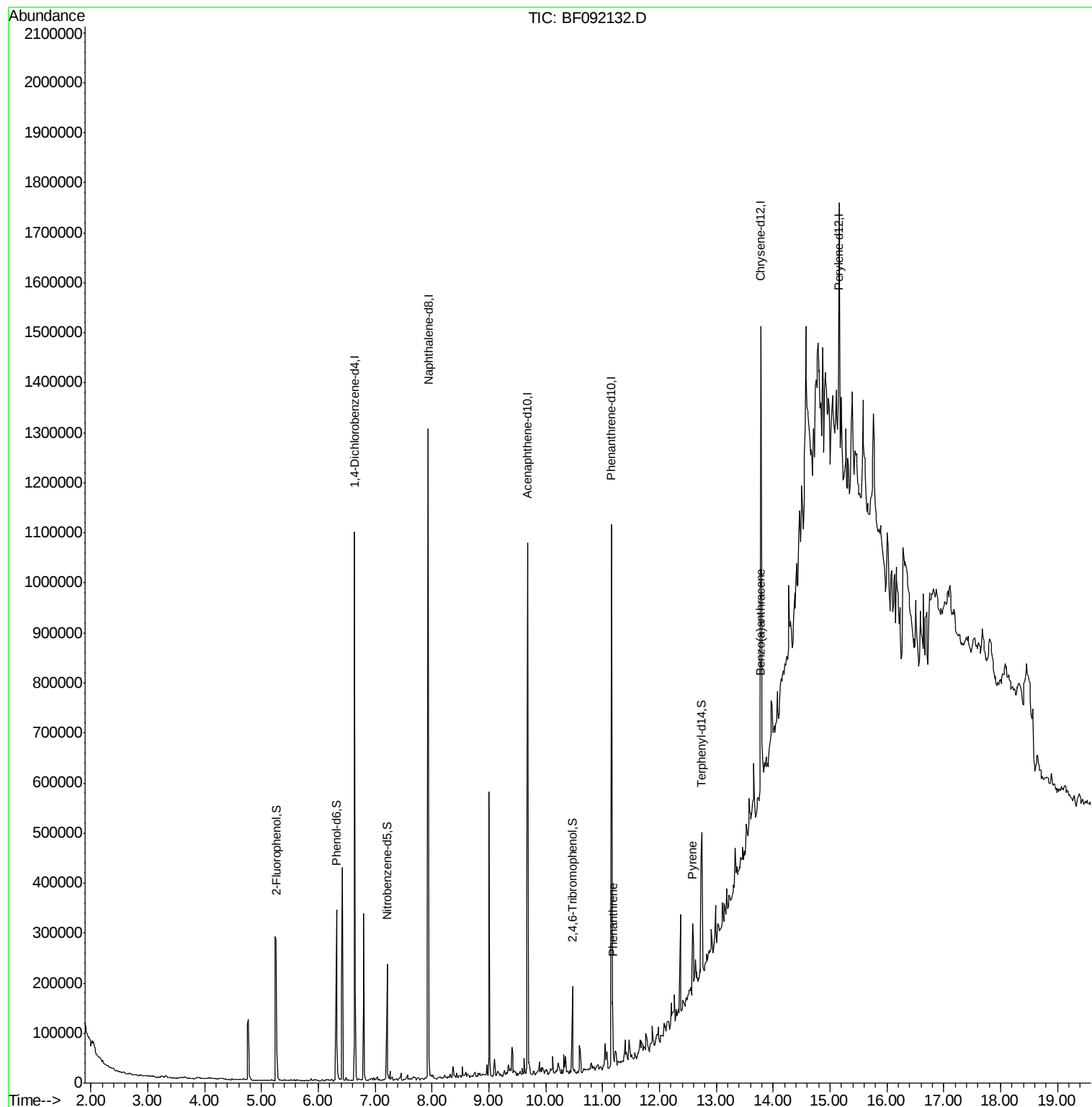
Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\
Data File : BF092132.D
Acq On : 6 Jan 2017 22:18
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ALS Vial : 25 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
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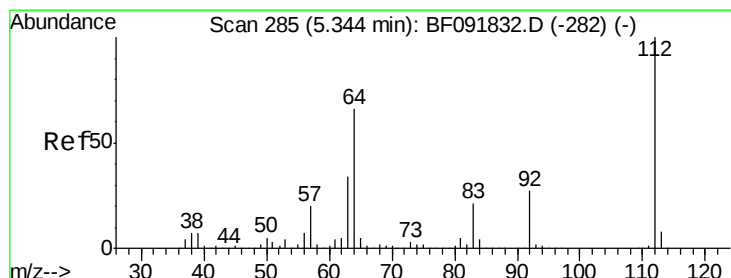
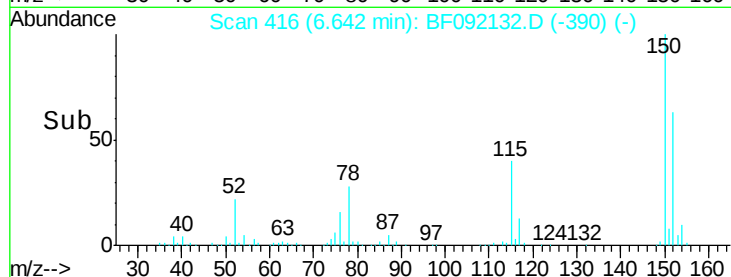
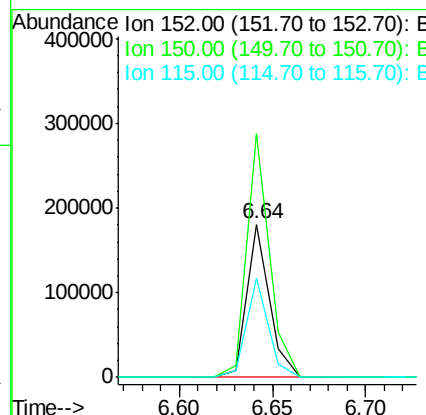
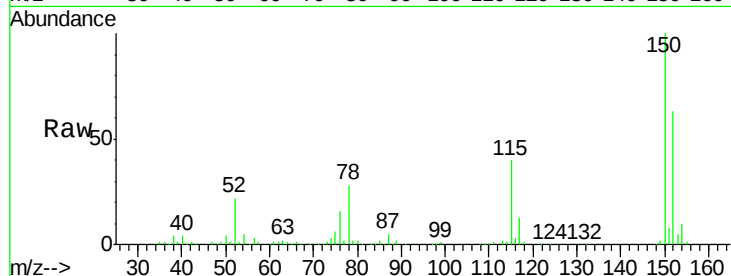
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.64 min Scan# 416
 Delta R.T. 0.00 min
 Lab File: BF092132.D
 Acq: 6 Jan 2017 22:18

Instrument :
 BNA_F
 ClientSampleId :
 RAP-SP4

Tot Ion	Ratio	Resp	Lower	Upper
152	100	153414		
150	159.0	124.9	187.3	
115	64.2	46.0	69.0	

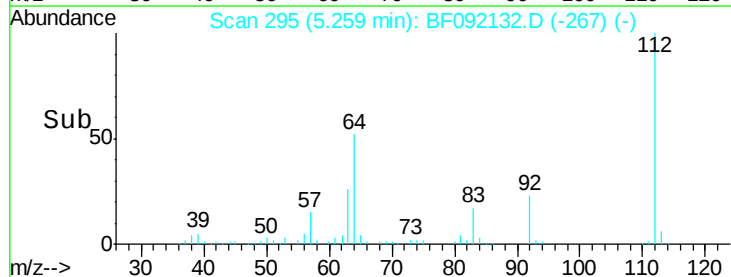
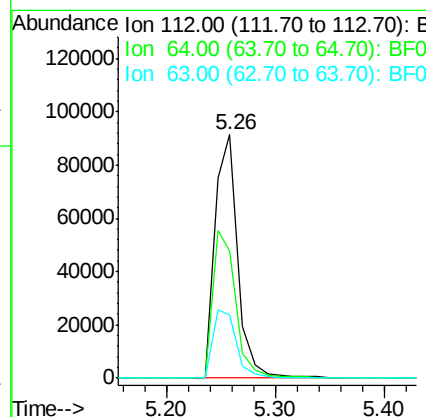
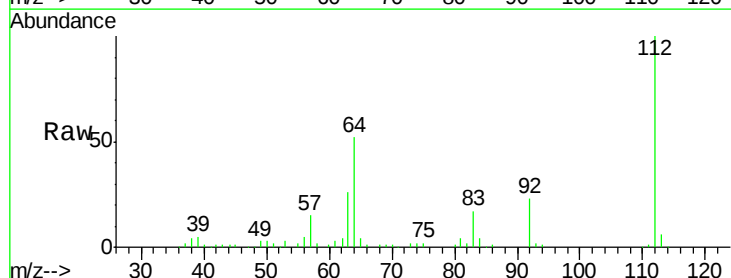
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#5
 2-Fluorophenol
 Concen: 14.60 ng
 RT: 5.26 min Scan# 295
 Delta R.T. 0.02 min
 Lab File: BF092132.D
 Acq: 6 Jan 2017 22:18

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	134112		
64	52.1	46.1	69.1	
63	25.7	23.8	35.6	





#7

Phenol-d6

Concen: 13.21 ng

RT: 6.32 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF092132.D

Acq: 6 Jan 2017 22:18

Instrument :

BNA_F

ClientSampleId :

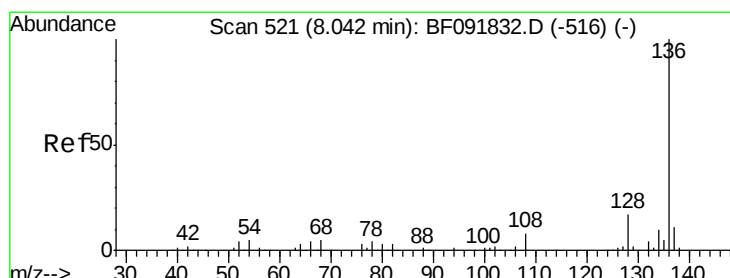
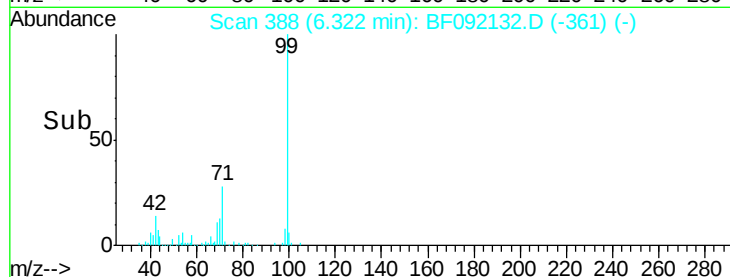
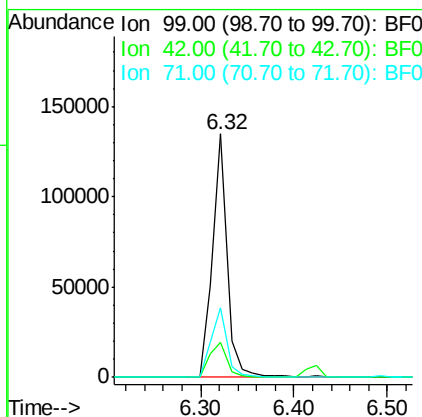
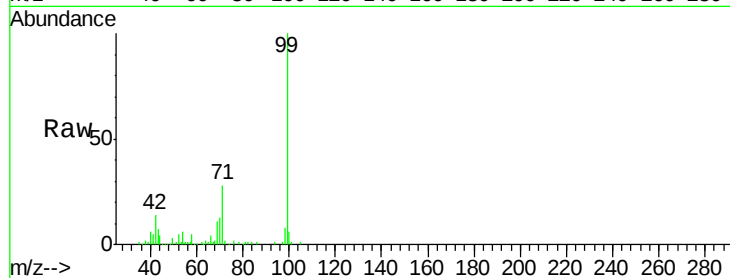
RAP-SP4

Tot Ion: 99 Resp: 148224

Ion	Ratio	Lower	Upper
99	100		
42	14.5	15.6	23.4#
71	28.4	27.5	41.3

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 529

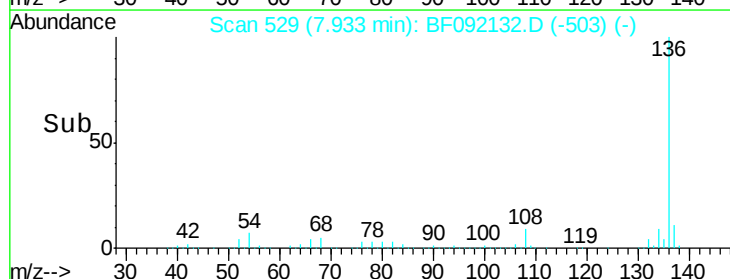
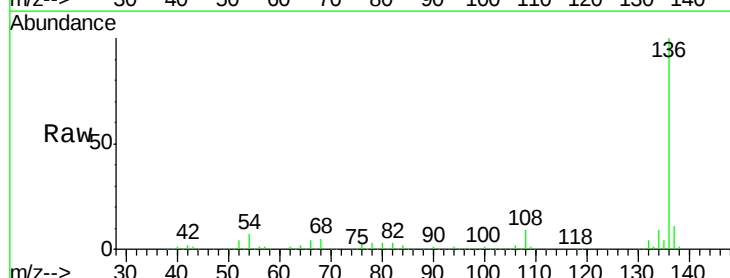
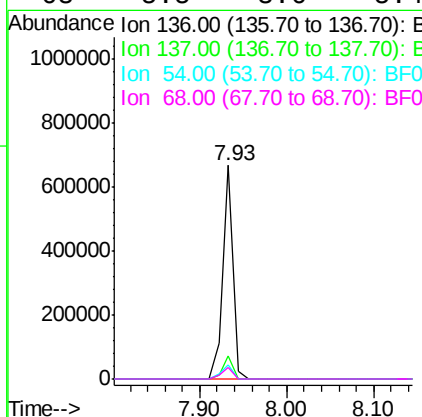
Delta R.T. 0.00 min

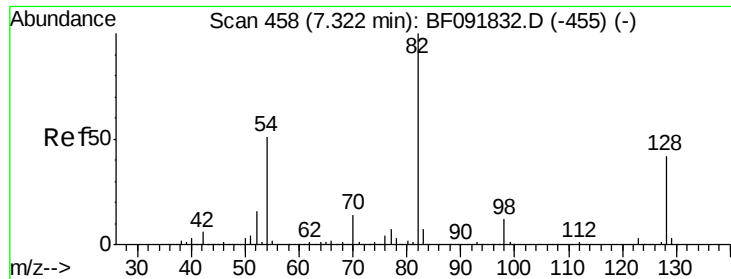
Lab File: BF092132.D

Acq: 6 Jan 2017 22:18

Tgt Ion: 136 Resp: 555489

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	6.7	4.5	6.7
68	5.5	3.6	5.4#





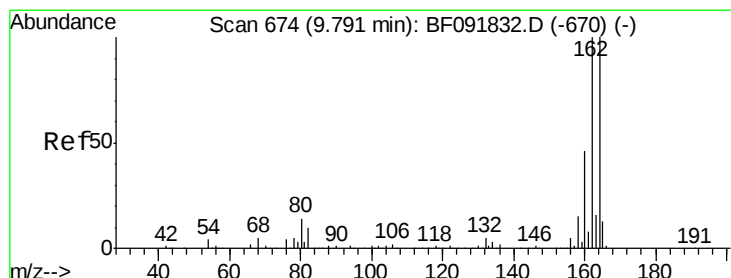
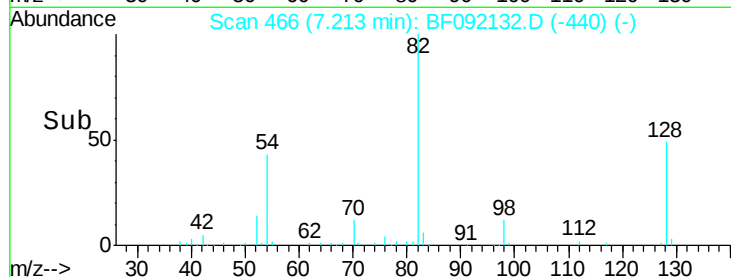
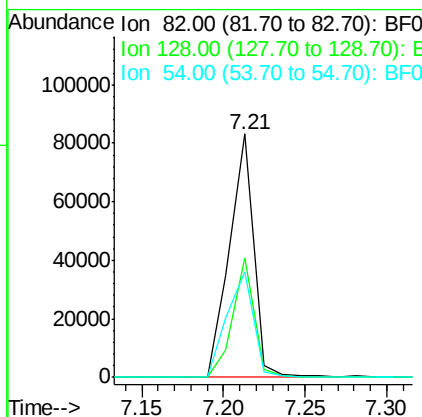
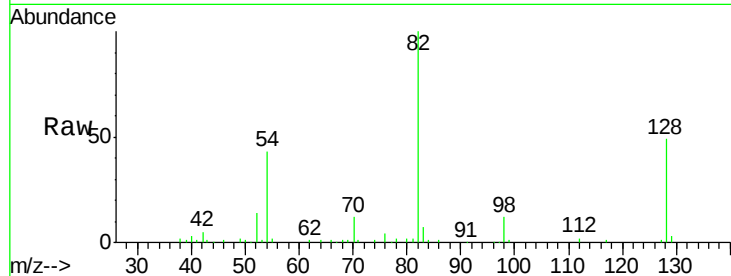
#23
Nitrobenzene-d5
Concen: 8.54 ng
RT: 7.21 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF092132.D
Acq: 6 Jan 2017 22:18

Instrument :
BNA_F
ClientSampleId :
RAP-SP4

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.1	34.6	52.0
54	43.4	39.5	59.3

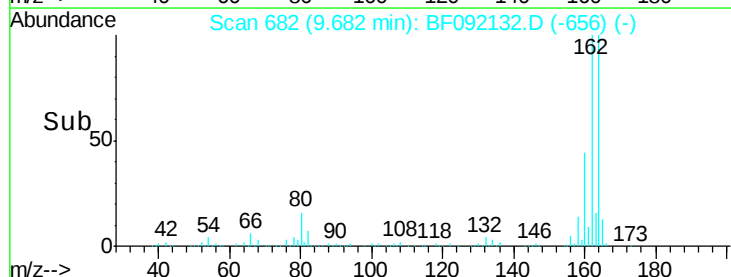
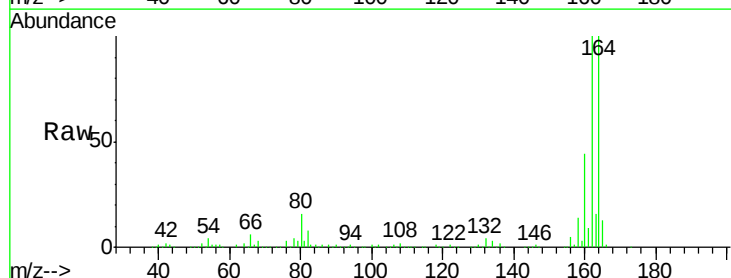
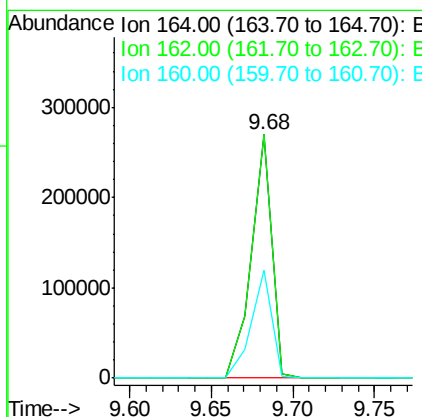
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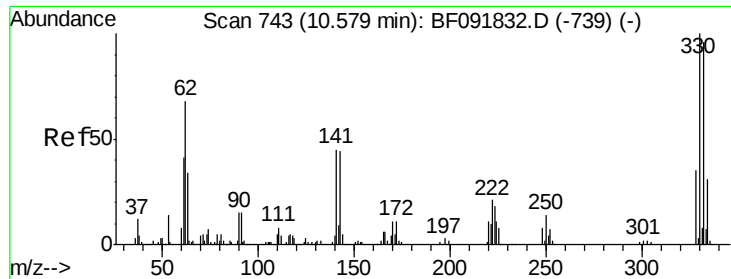
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF092132.D
Acq: 6 Jan 2017 22:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.2	120.2
160	44.2	36.9	55.3





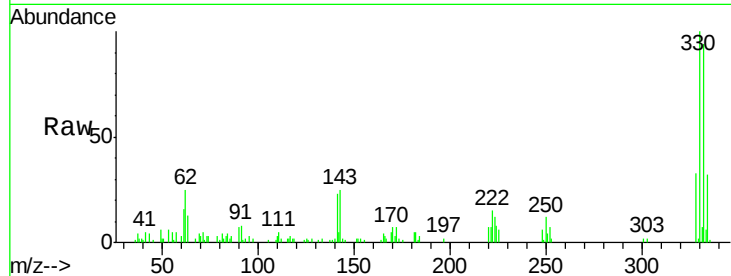
#41
 2,4,6-Tribromophenol
 Concen: 11.82 ng
 RT: 10.47 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF092132.D
 Acq: 6 Jan 2017 22:18

Instrument :
 BNA_F
 ClientSampleId :
 RAP-SP4

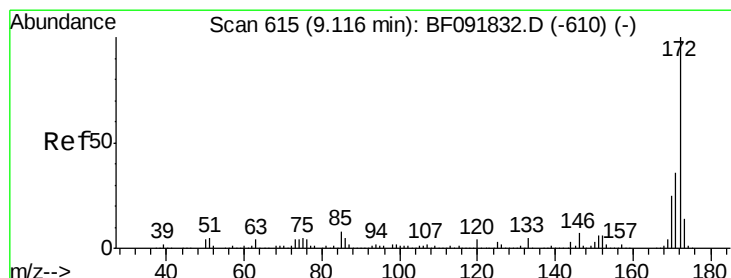
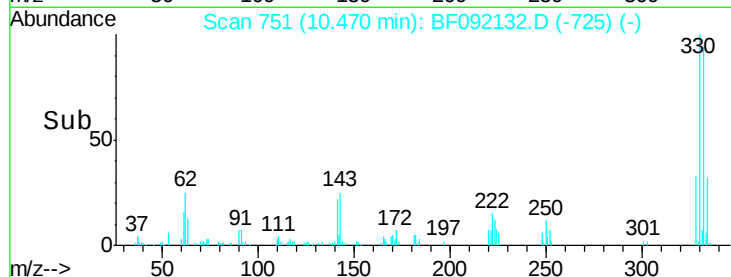
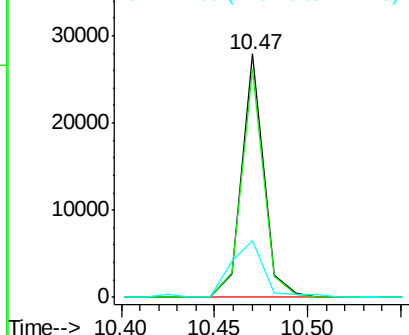
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.4	116.2
141	36.4	34.1	51.1

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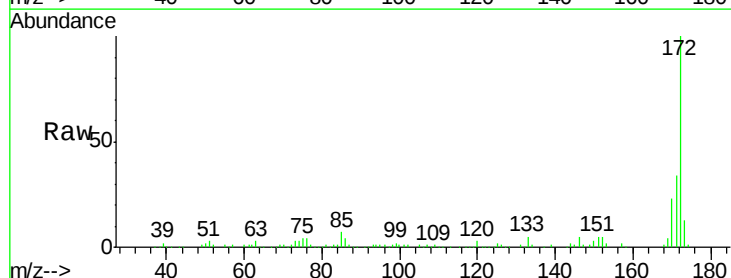


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

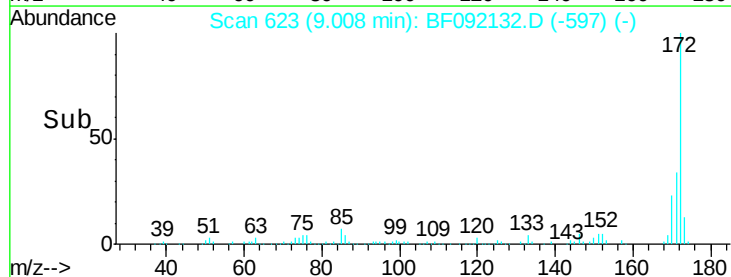
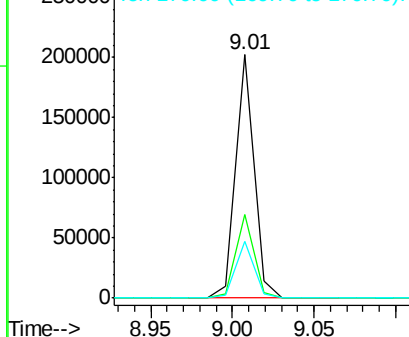


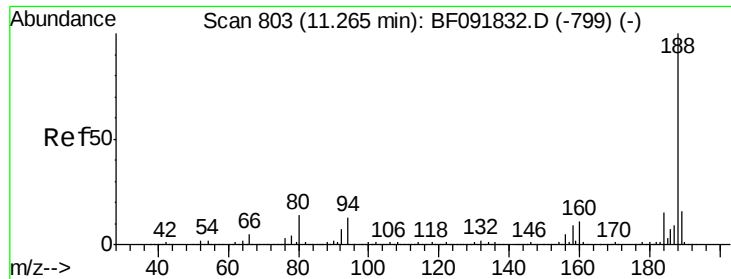
#44
 2-Fluorobiphenyl
 Concen: 0.74 ng
 RT: 9.01 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092132.D
 Acq: 6 Jan 2017 22:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.4	44.0
170	23.2	20.2	30.4



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





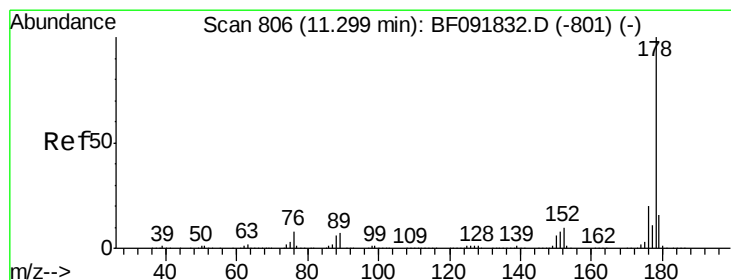
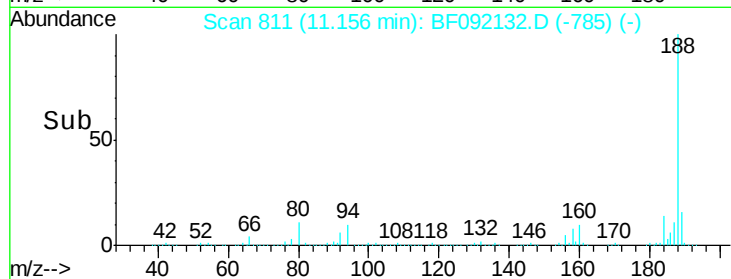
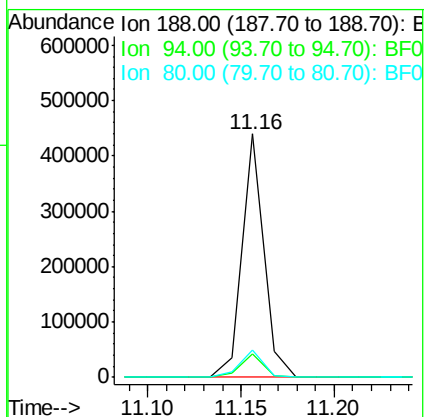
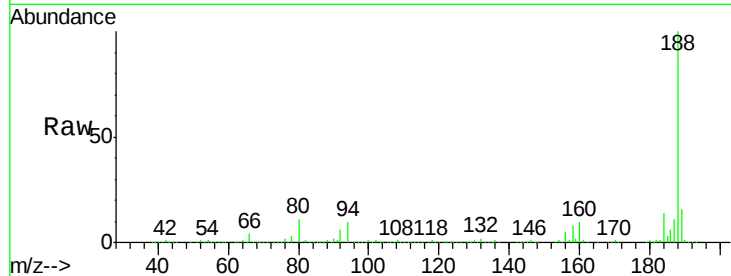
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF092132.D
Acq: 6 Jan 2017 22:18

Instrument :
BNA_F
ClientSampleId :
RAP-SP4

Tot Ion	Ratio	Resp	Lower	Upper
188	100	359170		
94	9.9	10.0	15.0#	
80	11.1	11.2	16.8#	

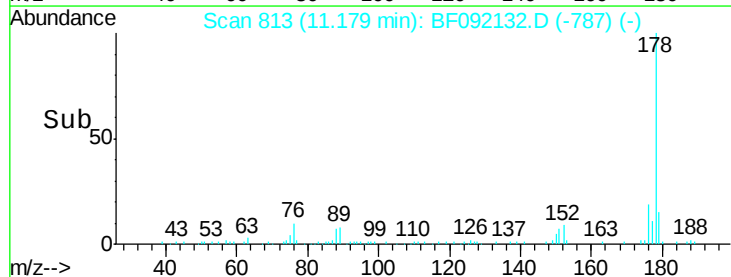
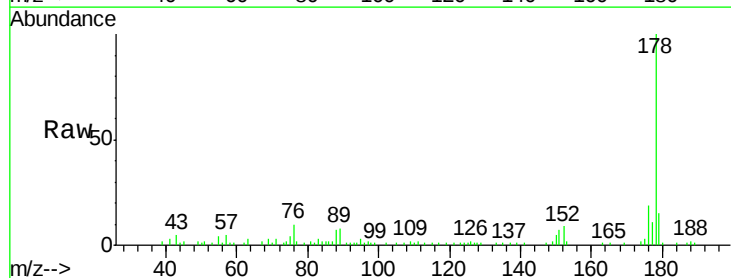
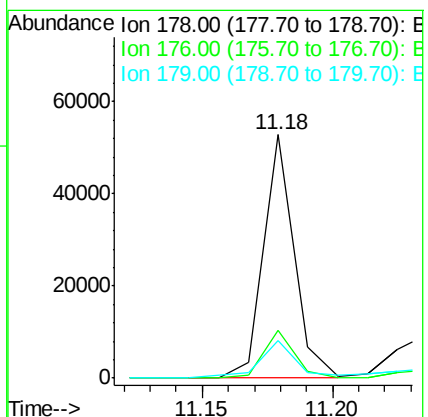
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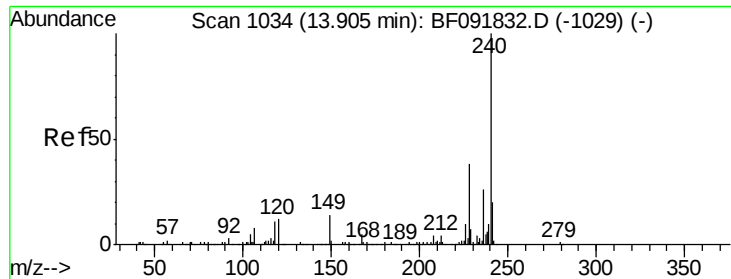
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#70
Phenanthrene
Concen: 2.23 ng
RT: 11.18 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF092132.D
Acq: 6 Jan 2017 22:18

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	43415		
176	19.5	16.6	25.0	
179	15.4	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: BF092132.D

Acq: 6 Jan 2017 22:18

Instrument :

BNA_F

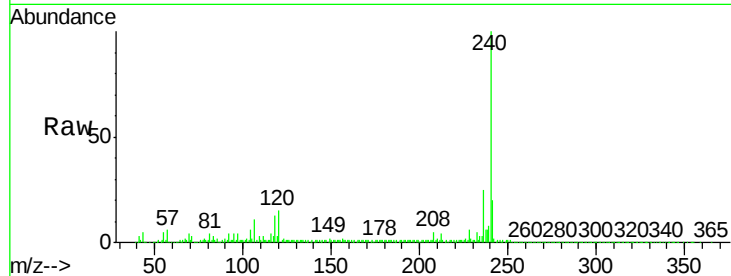
ClientSampleId :

RAP-SP4

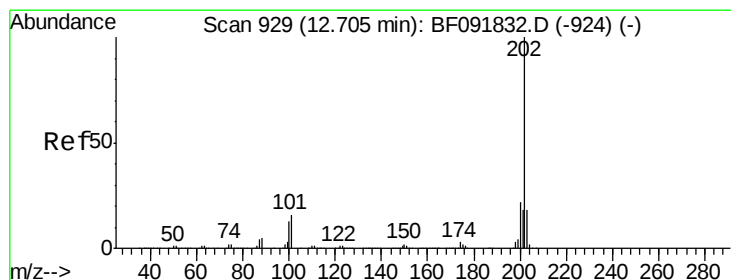
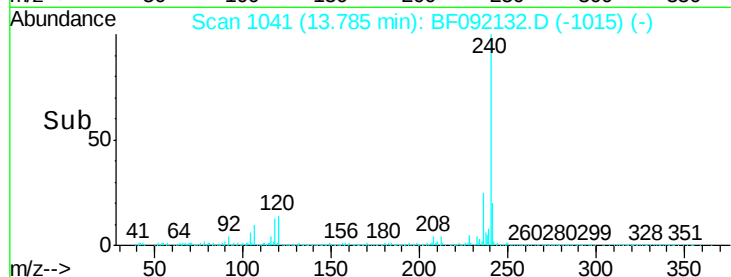
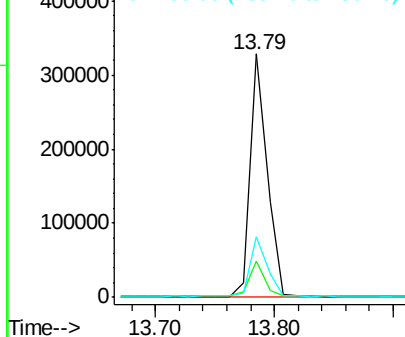
Tot Ion:	240	Resp:	329960
Ion Ratio	Lower	Upper	
240	100		
120	14.7	12.9	19.3
236	25.0	20.9	31.3

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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: 3.13 ng m

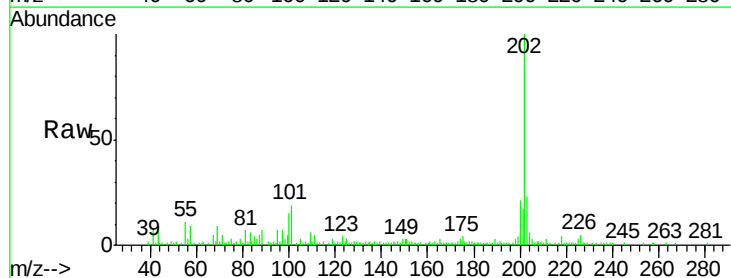
RT: 12.58 min Scan# 936

Delta R.T. 0.00 min

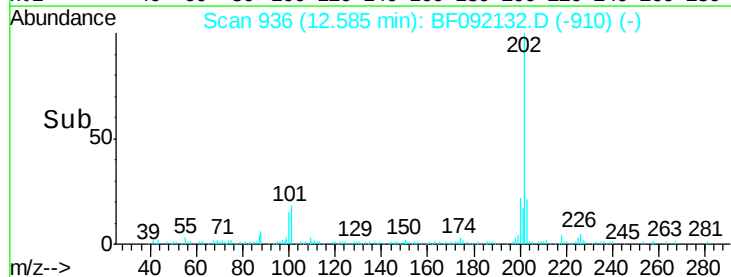
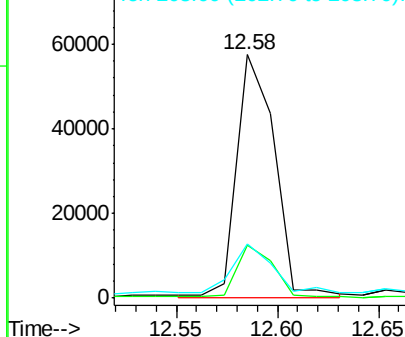
Lab File: BF092132.D

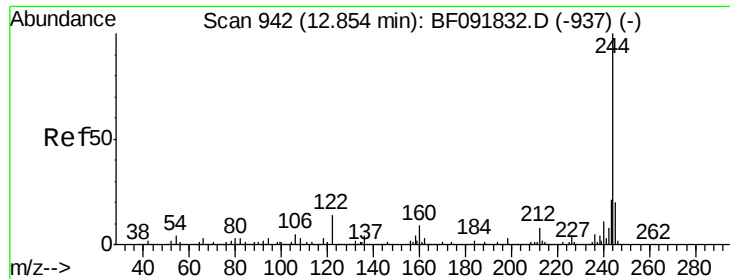
Acq: 6 Jan 2017 22:18

Tgt Ion:	202	Resp:	75736
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.7	26.5
203	22.5	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





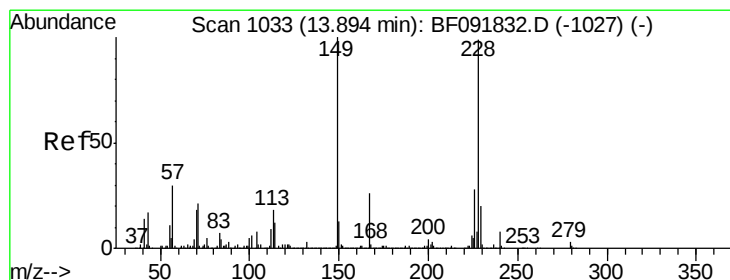
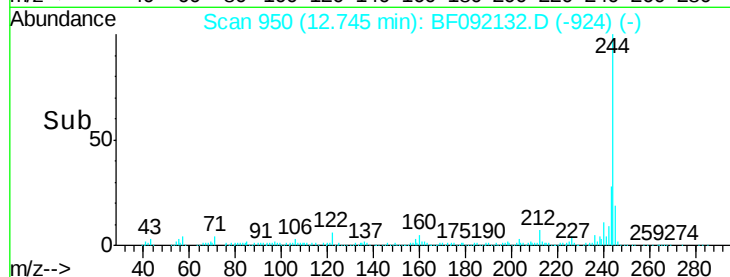
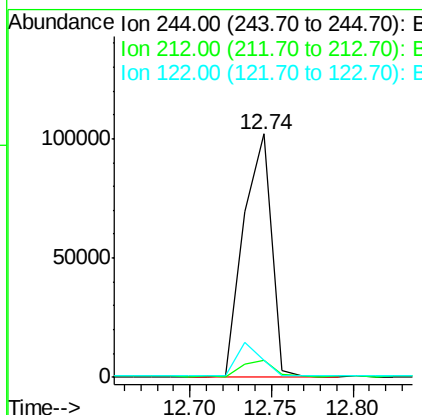
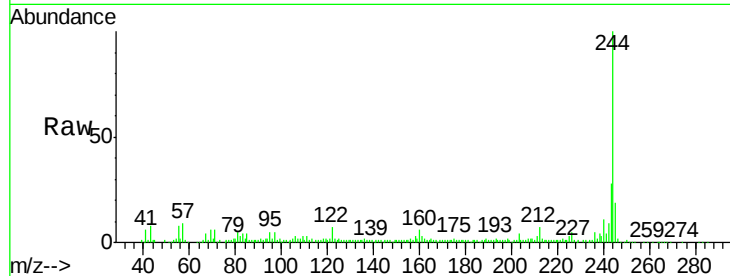
#78
 Terphenyl-d14
 Concen: 8.85 ng
 RT: 12.74 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF092132.D
 Acq: 6 Jan 2017 22:18

Instrument :
 BNA_F
 ClientSampleId :
 RAP-SP4

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.2	9.2
122	6.9	11.4	17.2#

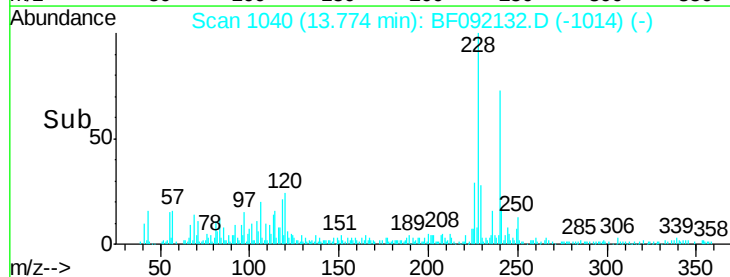
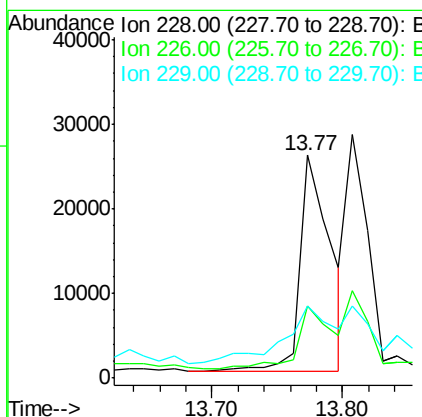
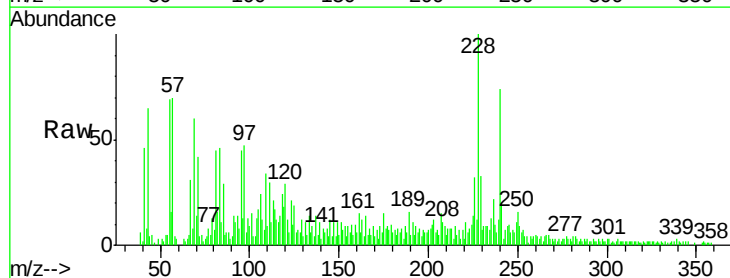
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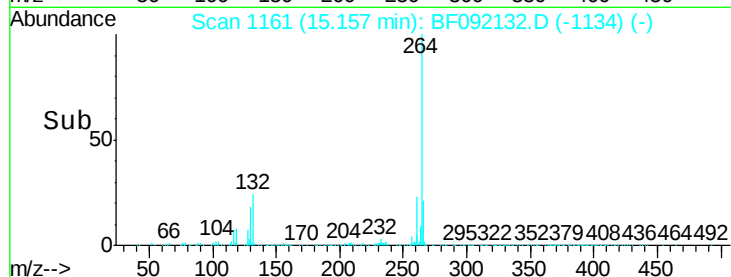
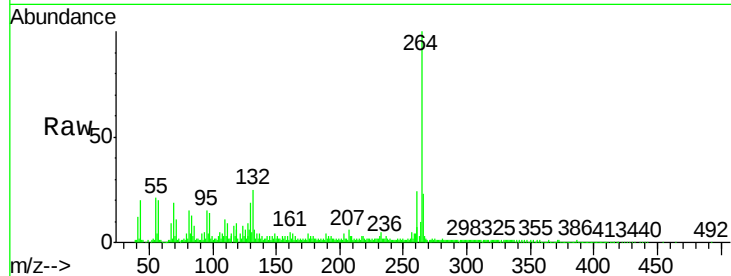
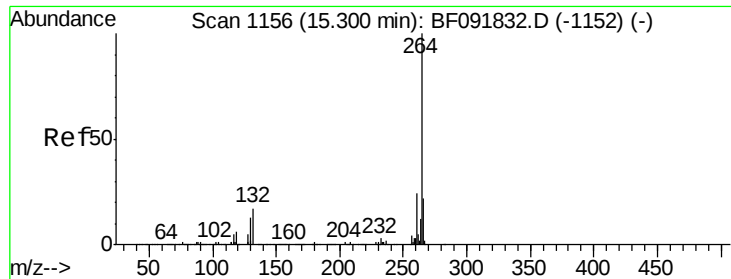
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#80
 Benzo(a)anthracene
 Concen: 2.23 ng
 RT: 13.77 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF092132.D
 Acq: 6 Jan 2017 22:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	22.4	33.6
229	32.5	16.2	24.4#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.16 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BF092132.D
Acq: 6 Jan 2017 22:18

Instrument :
BNA_F
ClientSampleId :
RAP-SP4

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.7	17.4	26.0

Manual Integrations
APPROVED

Sohil
1/9/2017 10:48:11 AM

