

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
 Data File : BF092374.D
 Acq On : 20 Jan 2017 15:50
 Operator : UM/SJ
 Sample : I1304-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-15939-COMP

Manual Integrations
 APPROVED

mohammad
 1/23/2017 2:44:50 PM

Quant Time: Jan 20 23:12:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 22:22:14 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	140932	20.00	ng	0.00
21) Naphthalene-d8	7.81	136	617228	20.00	ng	0.00
38) Acenaphthene-d10	9.56	164	424819	20.00	ng	0.00
63) Phenanthrene-d10	11.03	188	649461	20.00	ng	0.00
75) Chrysene-d12	13.66	240	425878	20.00	ng	0.00
86) Perylene-d12	15.01	264	365499	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	1278146	151.43	ng	0.02
7) Phenol-d6	6.19	99	1678913	162.92	ng	0.00
23) Nitrobenzene-d5	7.10	82	1185377	106.79	ng	0.00
41) 2,4,6-Tribromophenol	10.35	330	427616	121.63	ng	0.00
44) 2-Fluorobiphenyl	8.90	172	2196338	109.68	ng	0.00
78) Terphenyl-d14	12.62	244	1595082	90.84	ng	0.00
Target Compounds						
10) Phenol	6.20	94	45209	3.85	ng	Qvalue # 40
49) Dimethylphthalate	9.30	163	319502	11.76	ng	99
70) Phenanthrene	11.06	178	123235	3.50	ng	96
74) Fluoranthene	12.23	202	216085	3.46	ng	96
77) Pyrene	12.46	202	212120	6.79	ng	97
80) Benzo(a)anthracene	13.65	228	83488m	3.47	ng	
82) Chrysene	13.69	228	94892m	3.94	ng	
83) Bis(2-ethylhexyl)phthalate	13.66	149	50688	3.03	ng	98
85) Indeno(1,2,3-cd)pyrene	16.22	276	47732	2.28	ng	96
87) Benzo(b)fluoranthene	14.66	252	98785m	4.34	ng	
88) Benzo(k)fluoranthene	14.66	252	134276	6.92	ng	98
89) Benzo(a)pyrene	14.97	252	69963	3.46	ng	# 97
91) Benzo(a,h,i)perylene	16.59	276	45811	2.65	ng	96

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

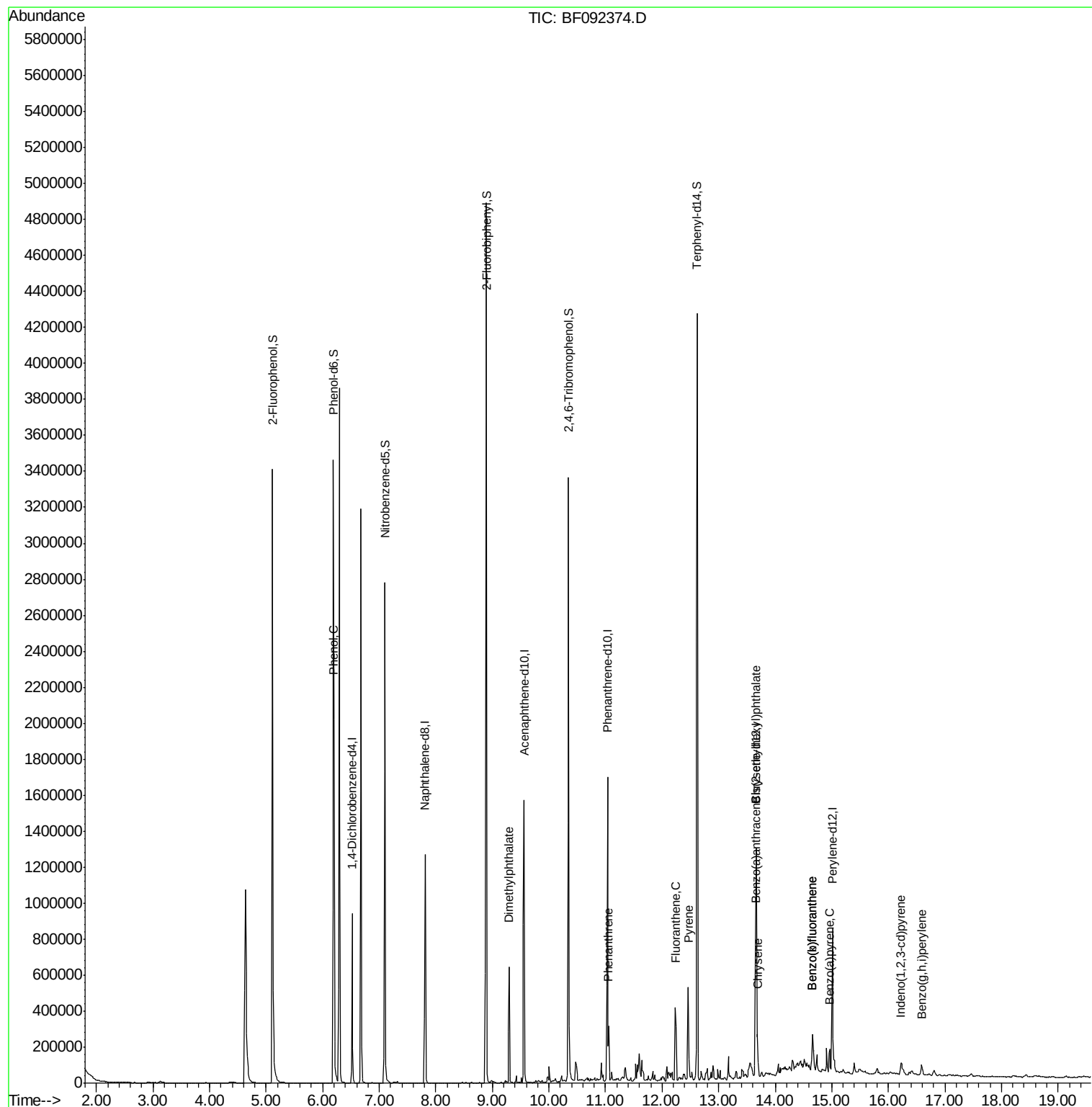
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
Data File : BF092374.D
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ALS Vial : 10 Sample Multiplier: 1

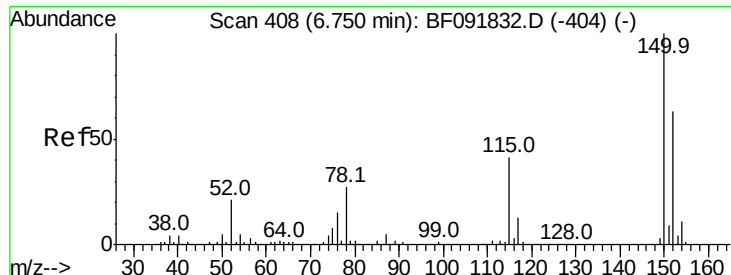
Instrument :
BNA_F
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ROLL-OFF-15939-COMP

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
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#1

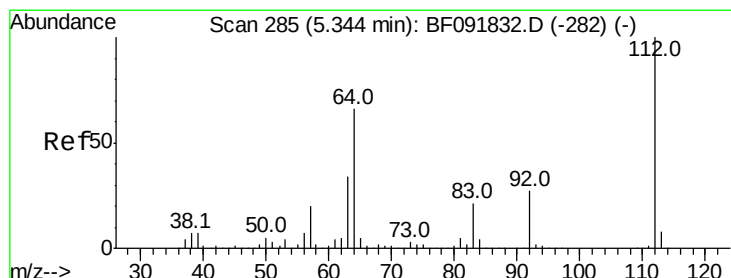
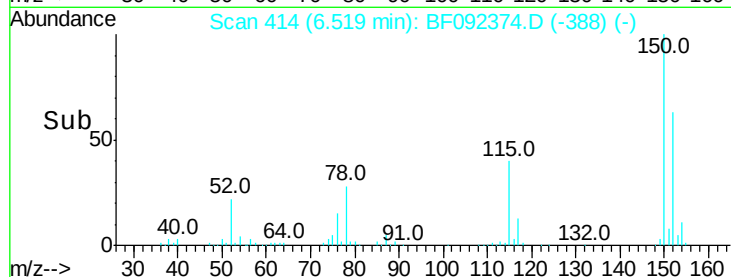
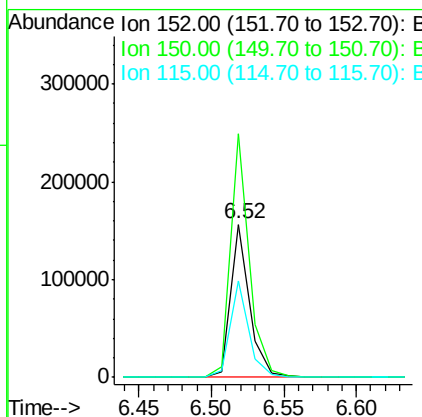
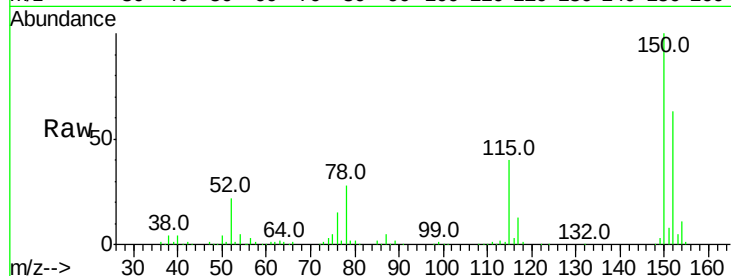
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.52 min Scan# 414
Delta R.T. -0.00 min
Lab File: BF092374.D
Acq: 20 Jan 2017 15:50

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15939-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.9	187.3
115	63.2	46.0	69.0

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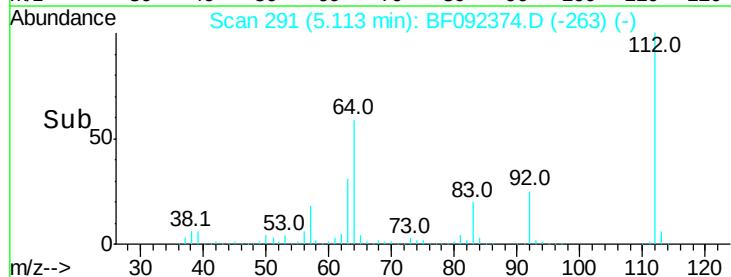
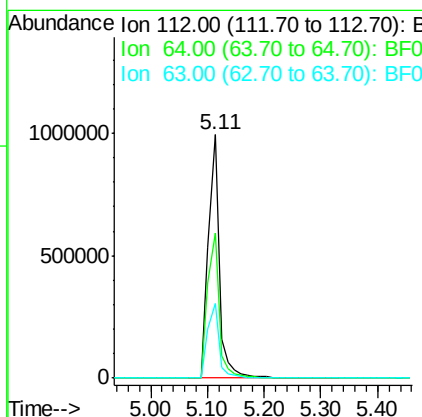
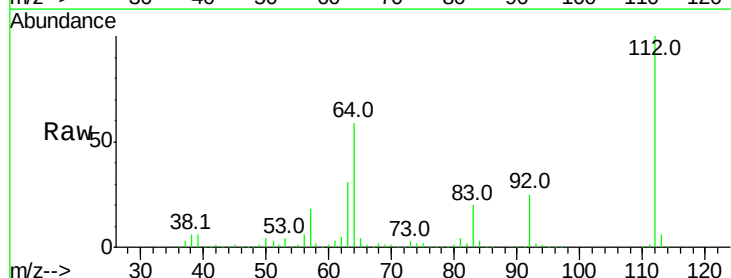
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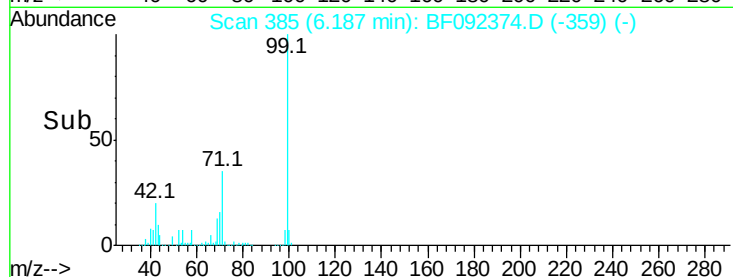
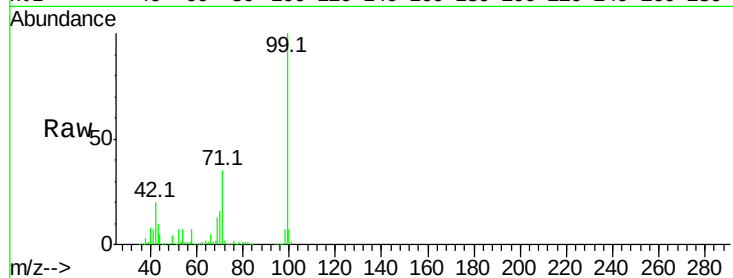
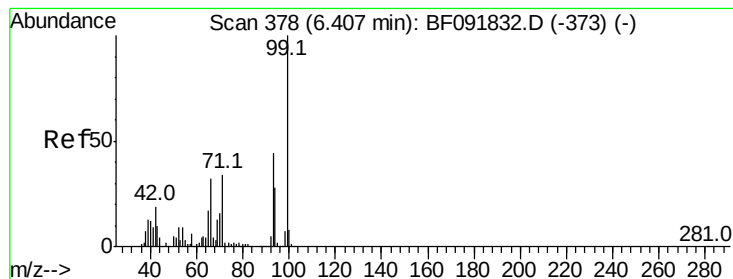


#5

2-Fluorophenol
Concen: 151.43 ng
RT: 5.11 min Scan# 291
Delta R.T. 0.02 min
Lab File: BF092374.D
Acq: 20 Jan 2017 15:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	46.1	69.1
63	30.8	23.8	35.6





#7

Phenol-d6

Concen: 162.92 ng

RT: 6.19 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF092374.D

Acq: 20 Jan 2017 15:50

Tot Ion: 99 Resp: 1678913

Ion Ratio Lower Upper

99 100

42 19.7 15.6 23.4

71 34.9 27.5 41.3

Instrument :

BNA_F

ClientSampleId :

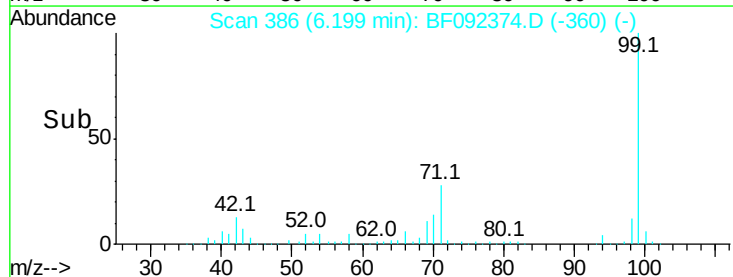
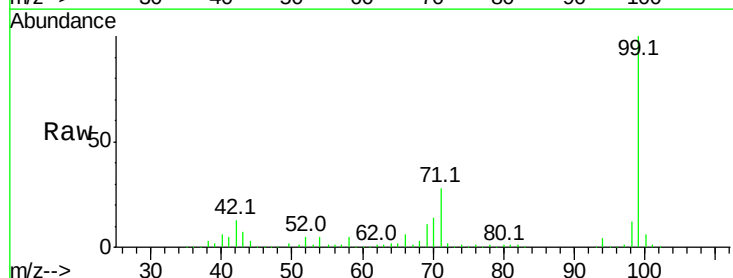
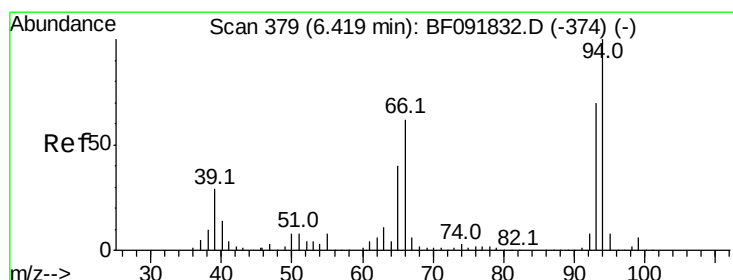
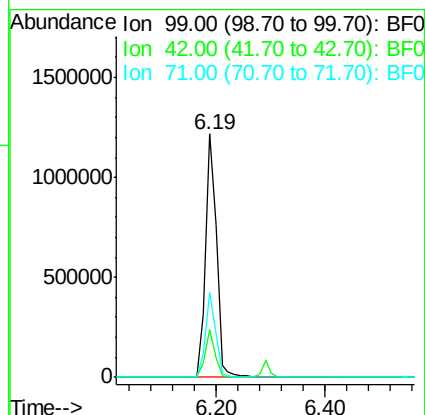
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#10

Phenol

Concen: 3.85 ng

RT: 6.20 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF092374.D

Acq: 20 Jan 2017 15:50

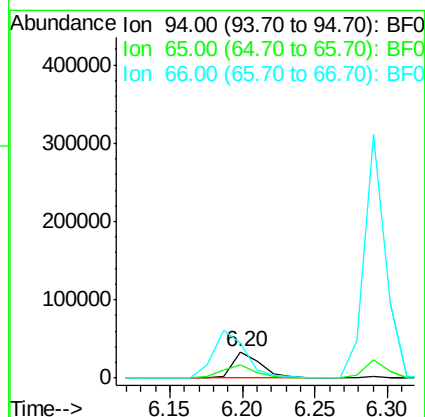
Tgt Ion: 94 Resp: 45209

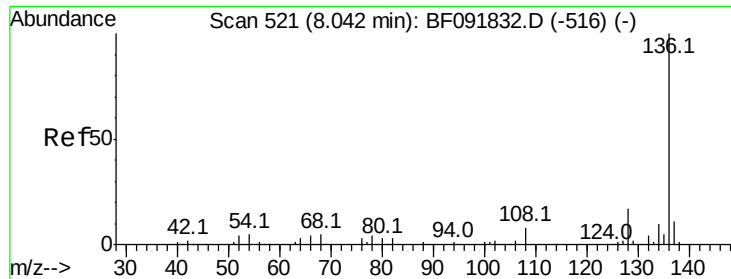
Ion Ratio Lower Upper

94 100

65 49.8 21.4 61.4

66 134.4 44.0 84.0#





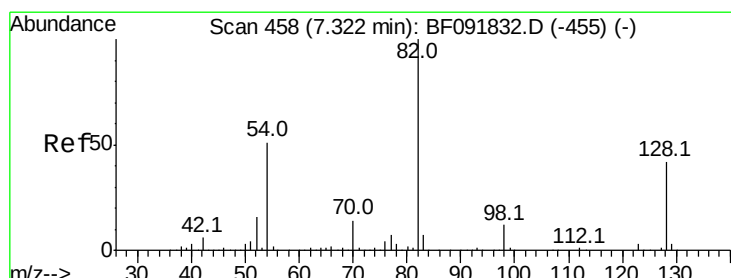
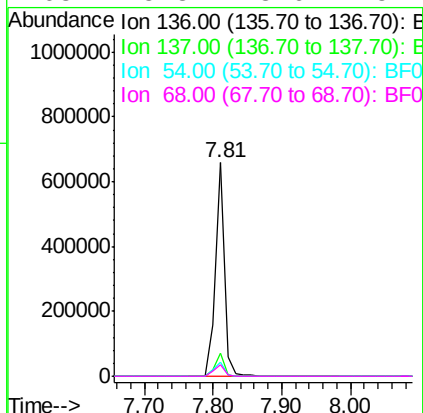
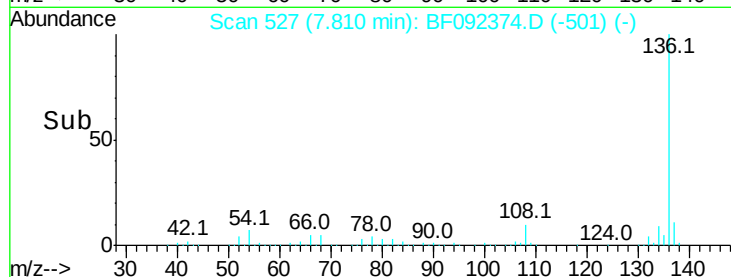
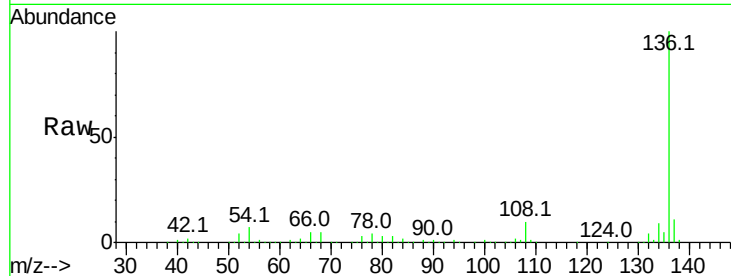
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF092374.D
Acq: 20 Jan 2017 15:50

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15939-COMP

Tot Ion	Ratio	Resp	Lower	Upper
136	100	617228		
137	10.8		8.4	12.6
54	6.8		4.5	6.7#
68	5.3		3.6	5.4

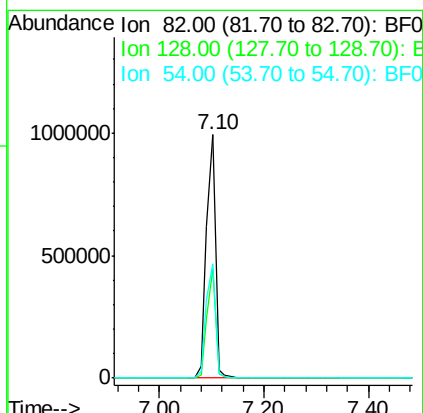
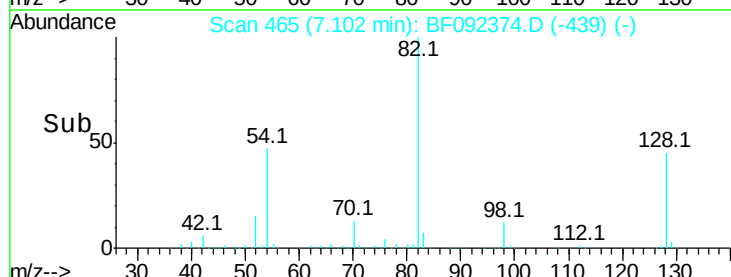
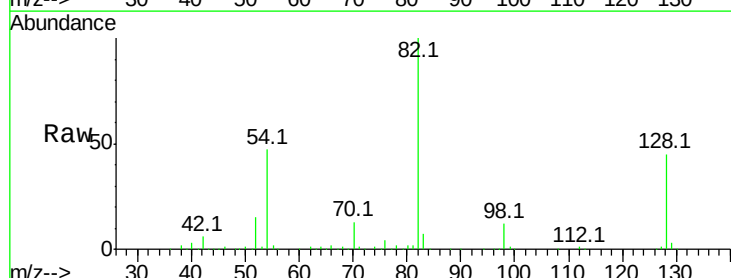
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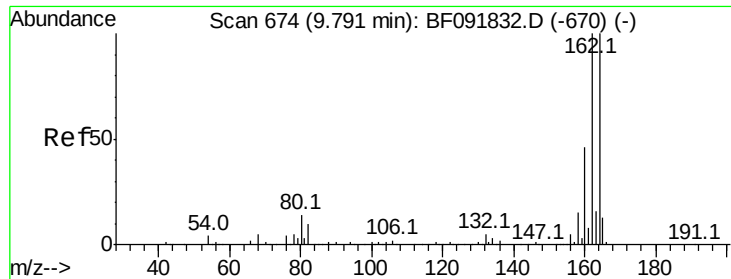
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#23
Nitrobenzene-d5
Concen: 106.79 ng
RT: 7.10 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF092374.D
Acq: 20 Jan 2017 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	1185377		
128	44.9		34.6	52.0
54	47.0		39.5	59.3





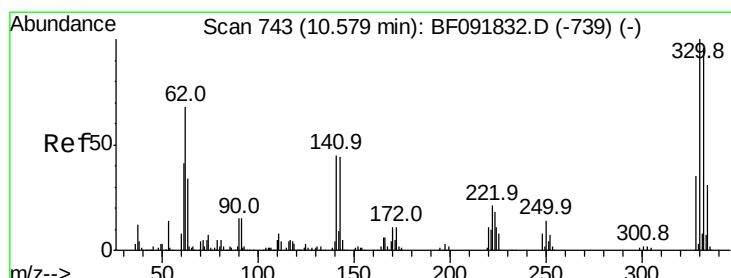
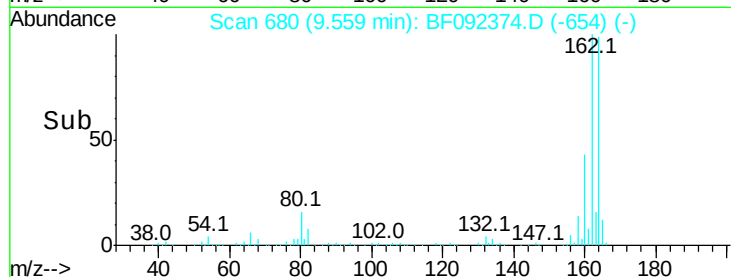
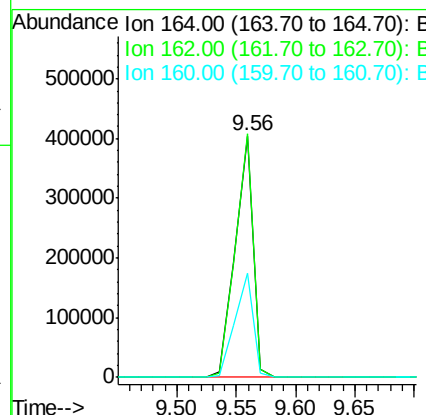
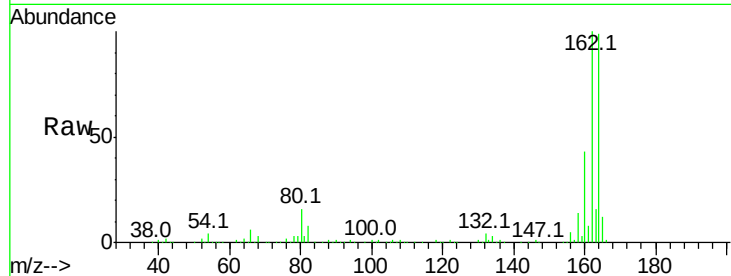
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.56 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF092374.D
Acq: 20 Jan 2017 15:50

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15939-COMP

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.2	120.2
160	43.1	36.9	55.3

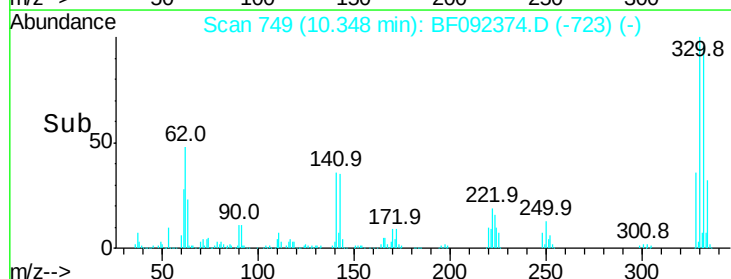
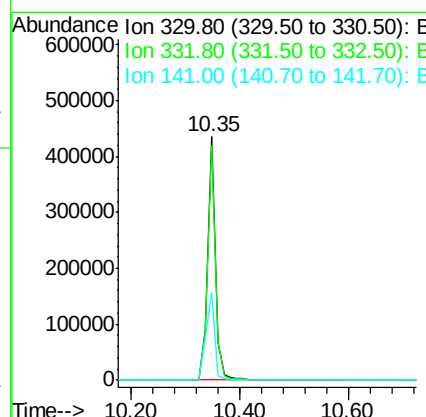
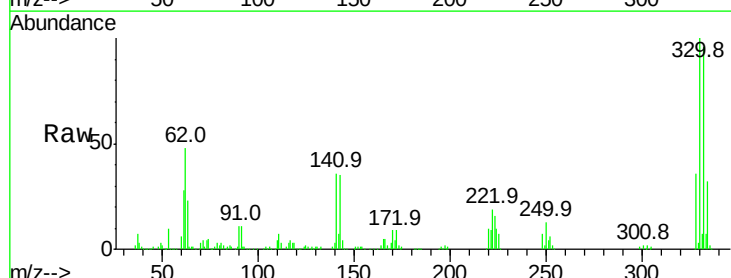
Manual Integrations
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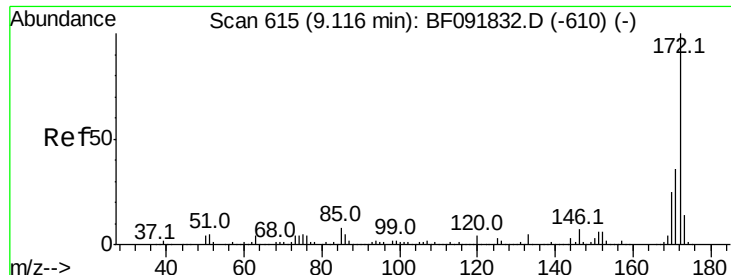
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#41
2,4,6-Tribromophenol
Concen: 121.63 ng
RT: 10.35 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF092374.D
Acq: 20 Jan 2017 15:50

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.4	116.2
141	40.3	34.1	51.1





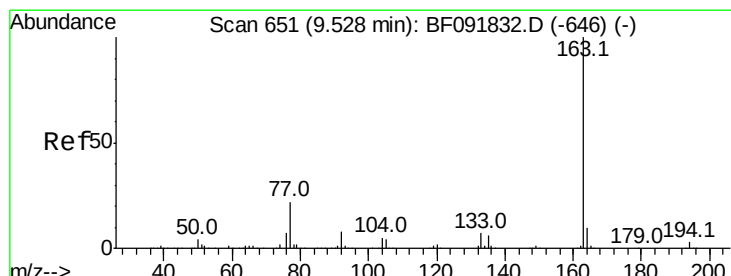
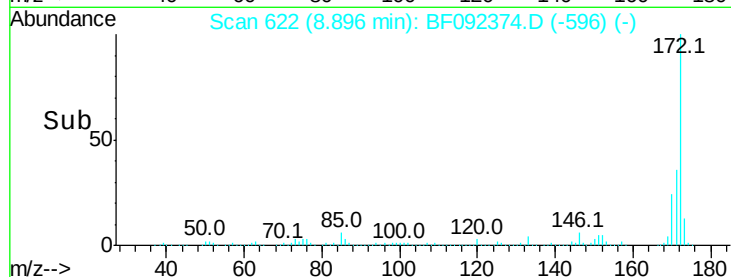
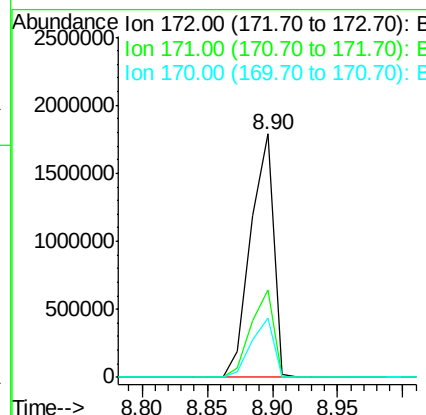
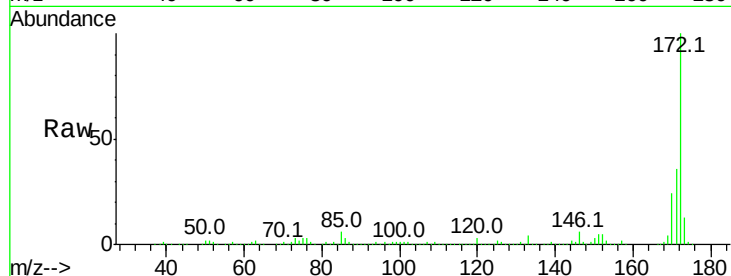
#44
2-Fluorobiphenyl
Concen: 109.68 ng
RT: 8.90 min Scan# 622
Delta R.T. -0.00 min
Lab File: BF092374.D
Acq: 20 Jan 2017 15:50

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15939-COMP

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	24.1	20.2	30.4

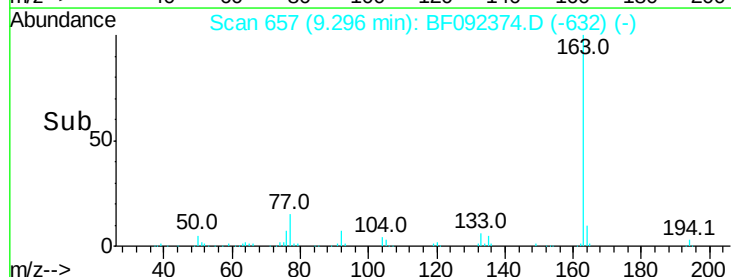
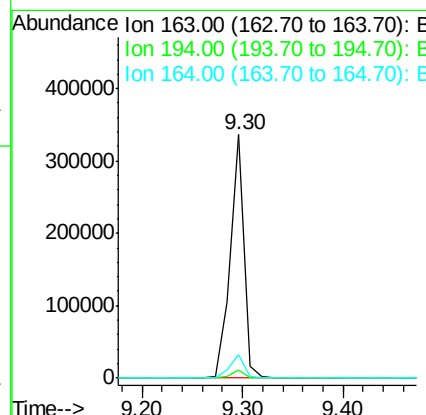
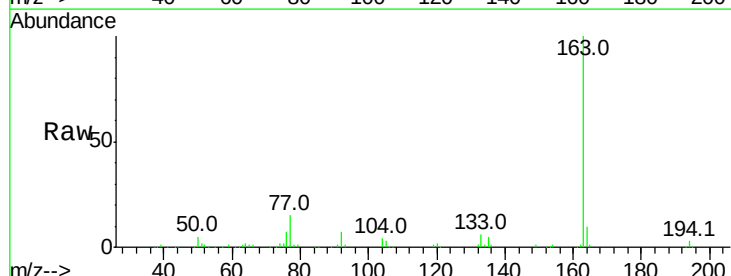
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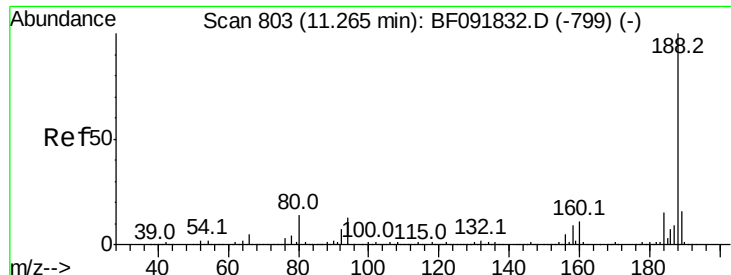
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#49
Dimethylphthalate
Concen: 11.76 ng
RT: 9.30 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF092374.D
Acq: 20 Jan 2017 15:50

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.4
164	9.6	8.0	12.0





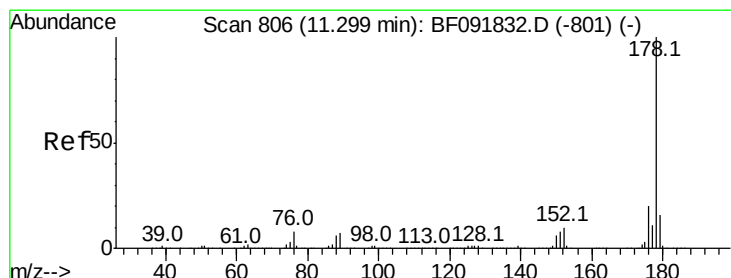
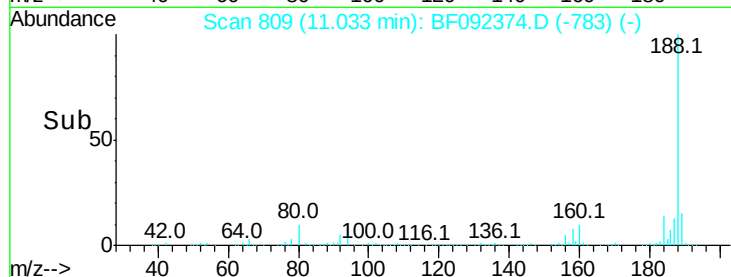
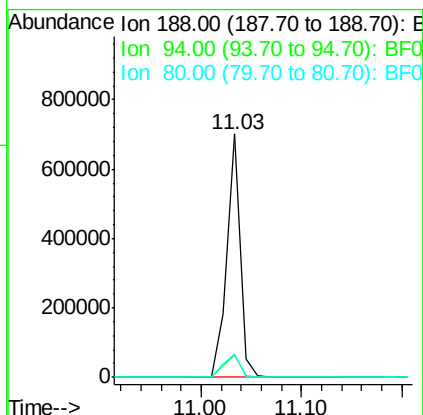
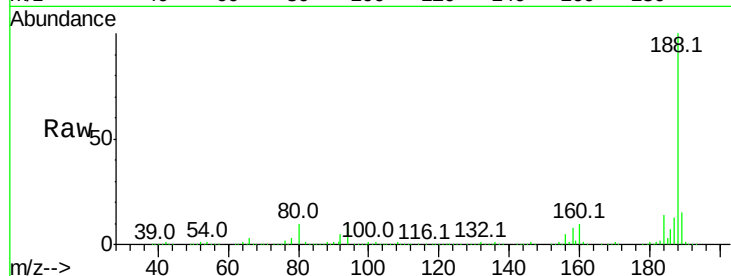
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF092374.D
Acq: 20 Jan 2017 15:50

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15939-COMP

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.8	10.0	15.0#
80	9.5	11.2	16.8#

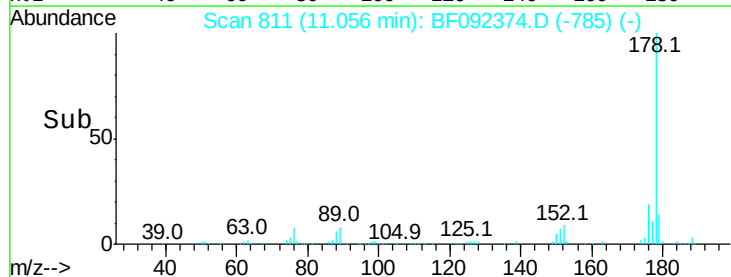
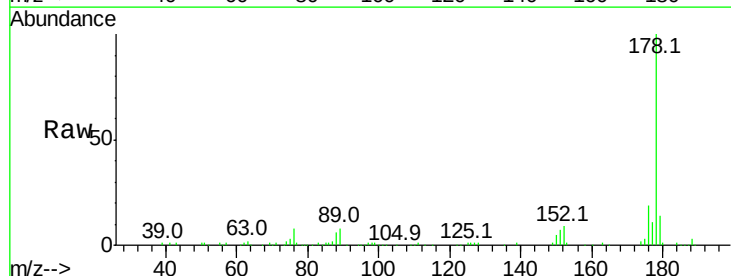
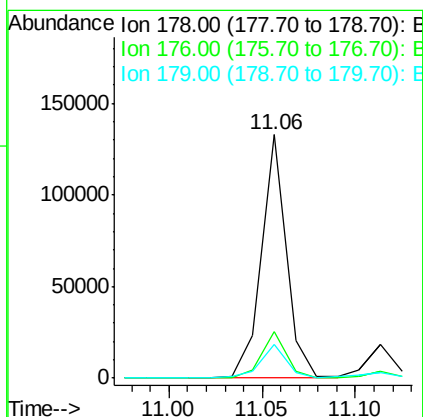
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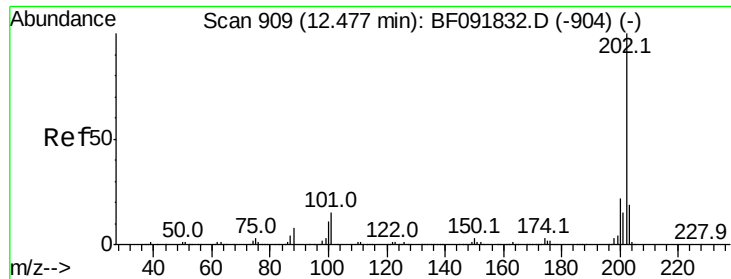
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#70
Phenanthrene
Concen: 3.50 ng
RT: 11.06 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF092374.D
Acq: 20 Jan 2017 15:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.9	16.6	25.0
179	14.1	12.8	19.2





#74

Fluoranthene

Concen: 3.46 ng

RT: 12.23 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF092374.D

Acq: 20 Jan 2017 15:50

Instrument :

BNA_F

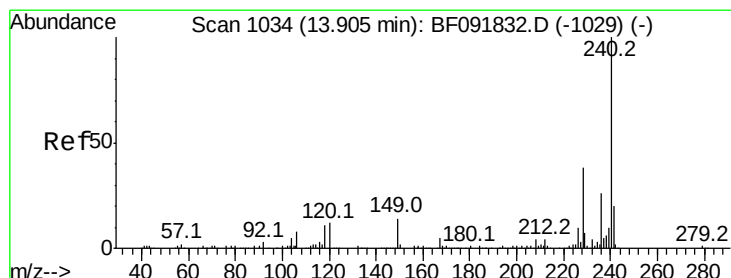
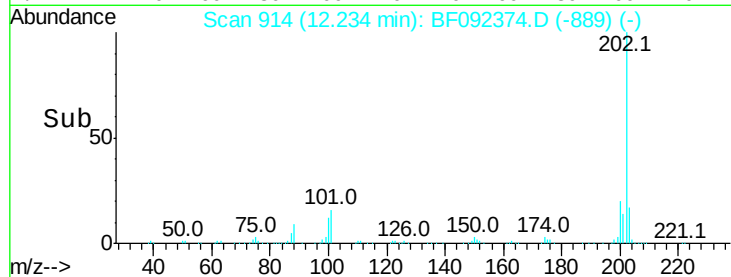
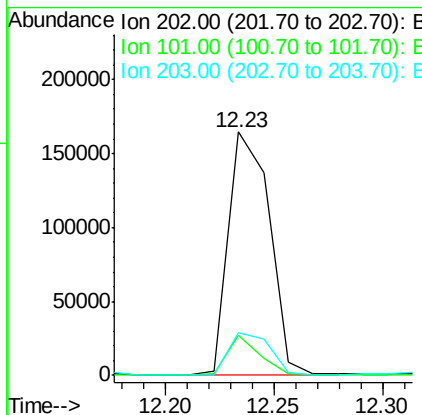
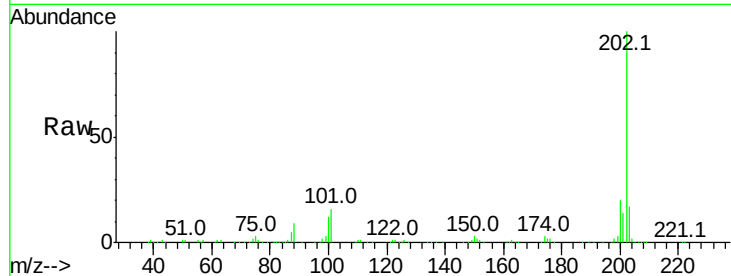
ClientSampleId :

ROLL-OFF-15939-COMP

Tot Ion	Ratio	Resp	Lower	Upper
202	100	216085		
101	16.4	0.0	34.6	
203	17.4	0.0	38.7	

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

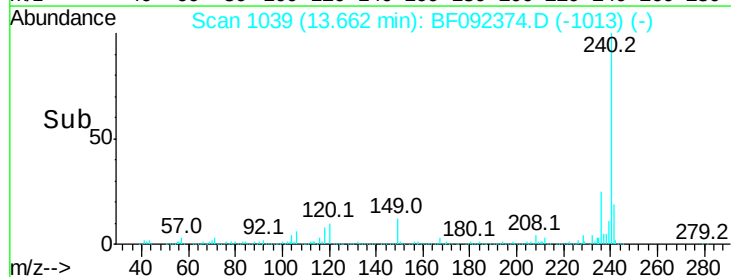
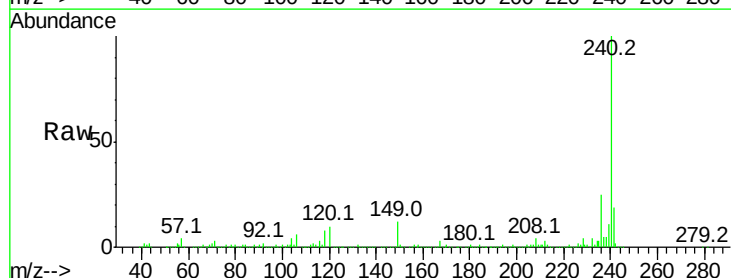
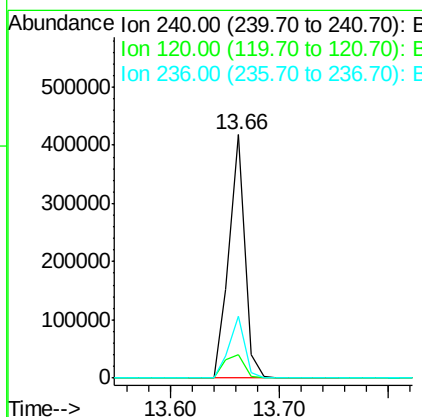
RT: 13.66 min Scan# 1039

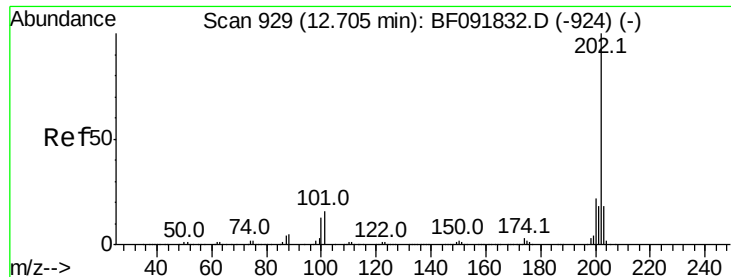
Delta R.T. -0.00 min

Lab File: BF092374.D

Acq: 20 Jan 2017 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	425878		
120	9.6	12.9	19.3#	
236	25.3	20.9	31.3	





#77

Pvrene

Concen: 6.79 ng

RT: 12.46 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF092374.D

Acq: 20 Jan 2017 15:50

Instrument :

BNA_F

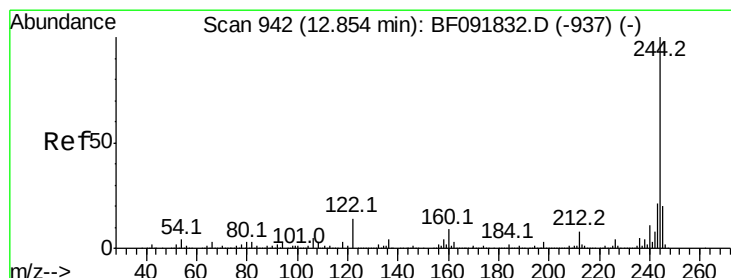
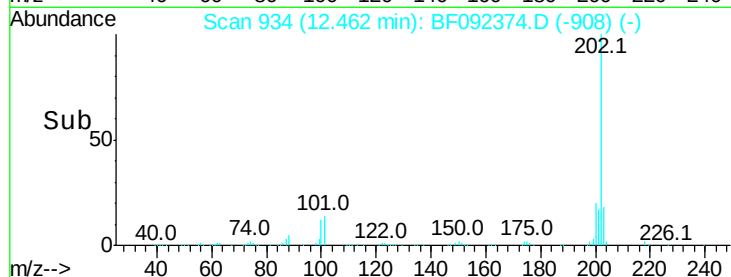
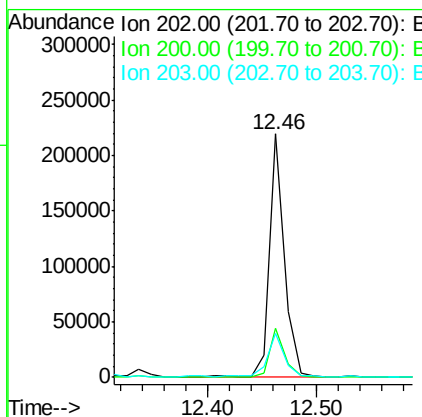
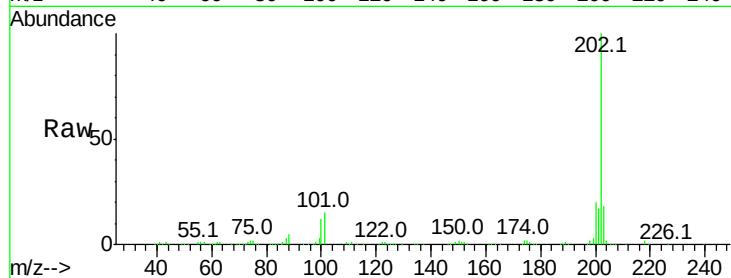
ClientSampleId :

ROLL-OFF-15939-COMP

Tot Ion:	202	Resp:	212120
Ion Ratio	Lower	Upper	
202	100		
200	20.0	17.7	26.5
203	18.3	14.7	22.1

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#78

Terphenyl-d14

Concen: 90.84 ng

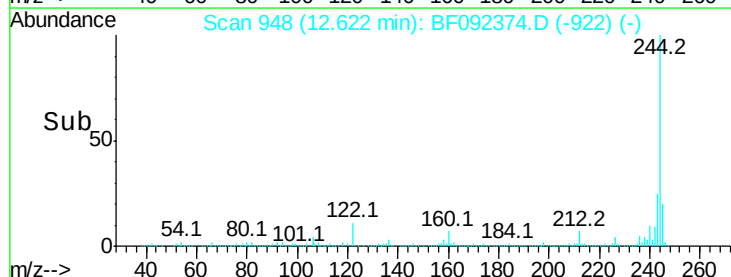
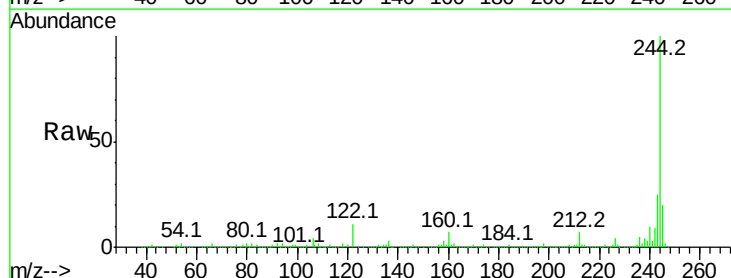
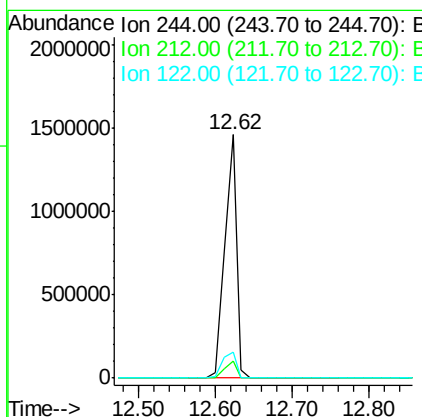
RT: 12.62 min Scan# 948

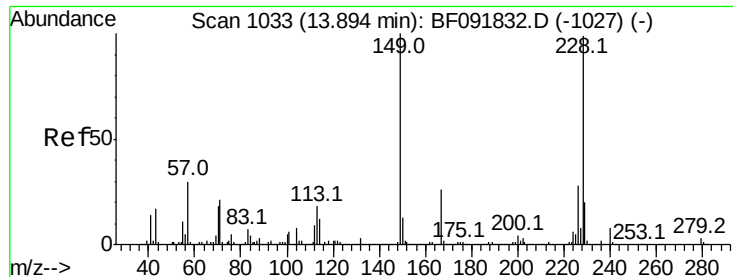
Delta R.T. -0.00 min

Lab File: BF092374.D

Acq: 20 Jan 2017 15:50

Tgt Ion:	244	Resp:	1595082
Ion Ratio	Lower	Upper	
244	100		
212	7.0	6.2	9.2
122	10.7	11.4	17.2





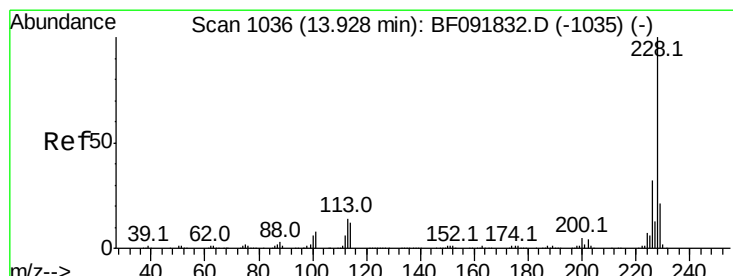
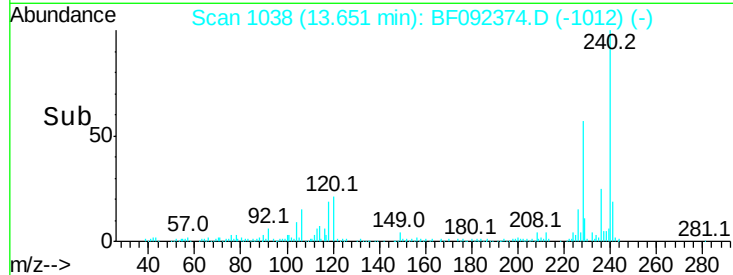
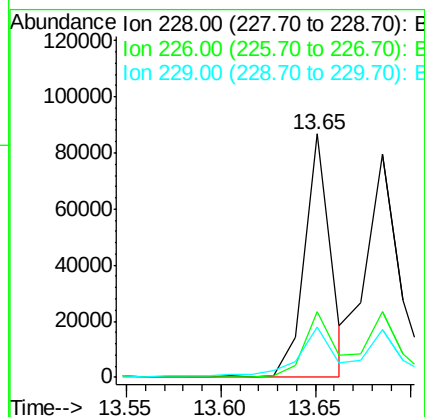
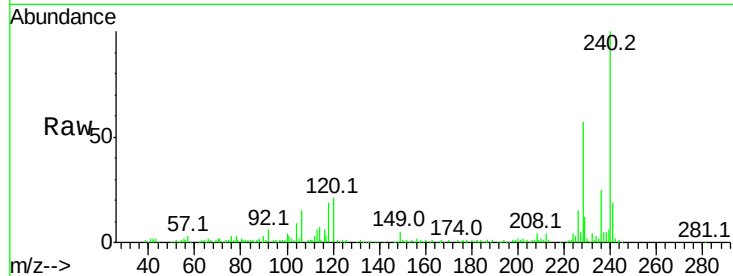
#80
Benzo(a)anthracene
Concen: 3.47 ng m
RT: 13.65 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF092374.D
Acq: 20 Jan 2017 15:50

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15939-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.4	33.6
229	20.6	16.2	24.4

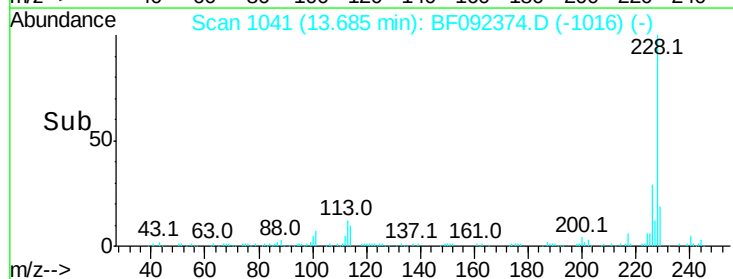
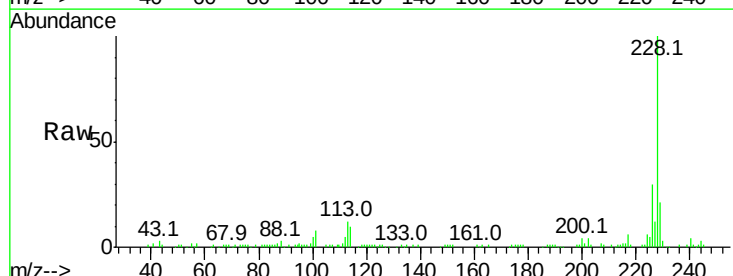
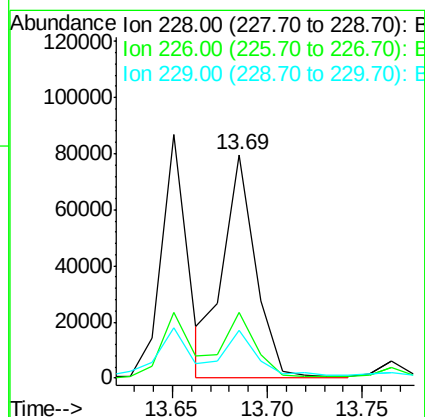
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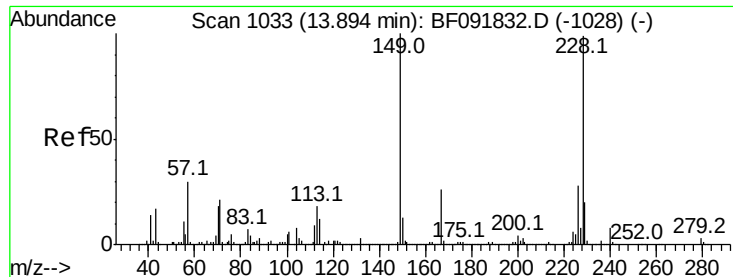
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#82
Chrysene
Concen: 3.94 ng m
RT: 13.69 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF092374.D
Acq: 20 Jan 2017 15:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.4	38.0
229	21.2	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.03 ng

RT: 13.66 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF092374.D

Acq: 20 Jan 2017 15:50

Instrument :

BNA_F

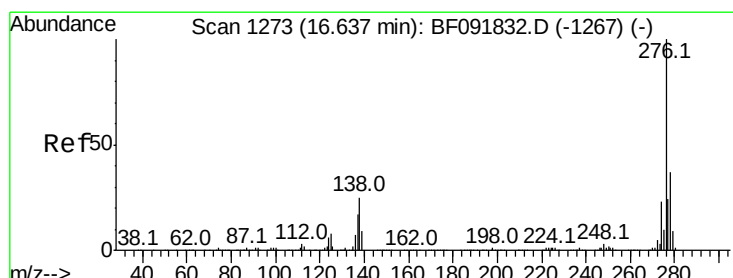
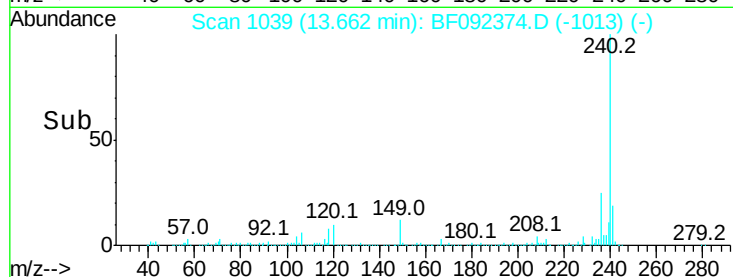
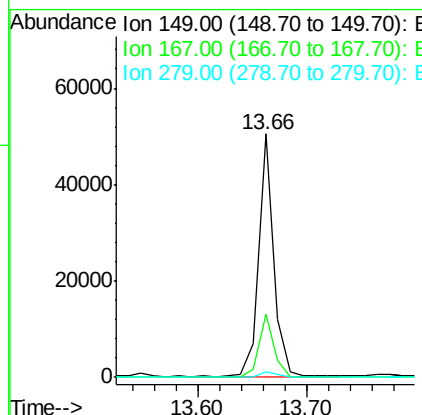
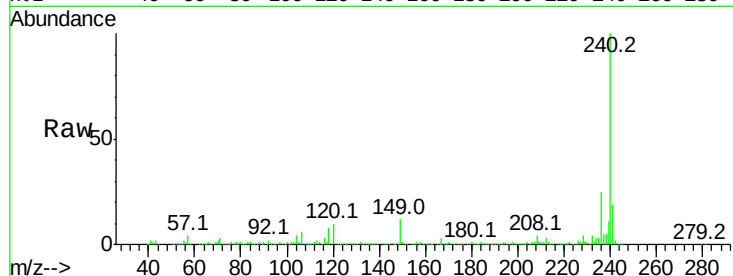
ClientSampleId :

ROLL-OFF-15939-COMP

Tot Ion:	149	Resp:	50688
Ion Ratio	Lower	Upper	
149	100		
167	26.1	20.2	30.4
279	2.4	1.8	2.8

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#85

Indeno(1,2,3-cd)pyrene

Concen: 2.28 ng

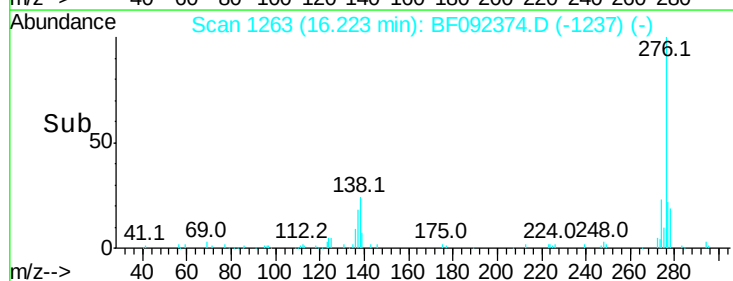
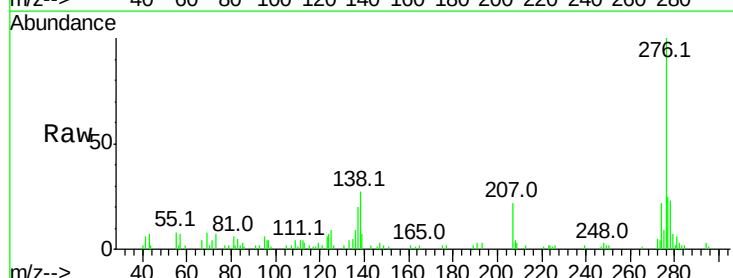
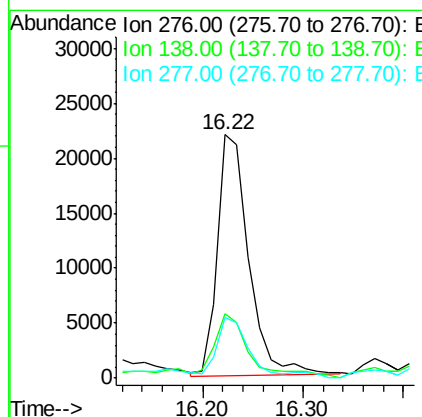
RT: 16.22 min Scan# 1263

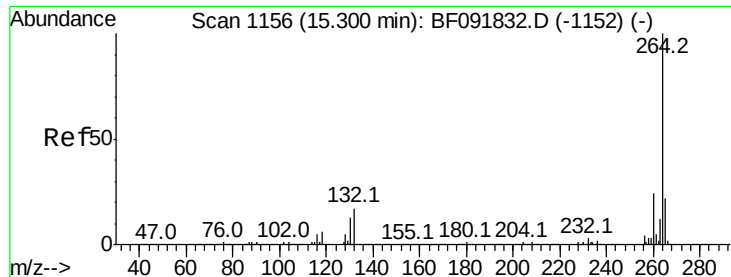
Delta R.T. -0.00 min

Lab File: BF092374.D

Acq: 20 Jan 2017 15:50

Tgt Ion:	276	Resp:	47732
Ion Ratio	Lower	Upper	
276	100		
138	30.4	21.8	32.6
277	26.6	20.2	30.4





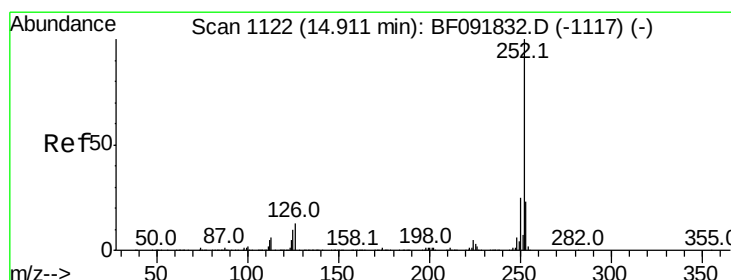
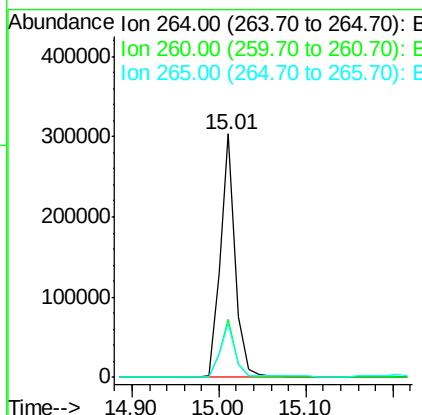
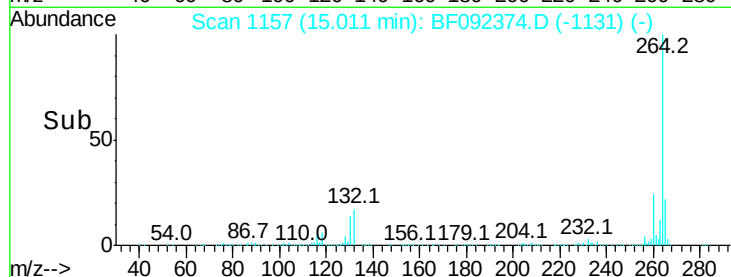
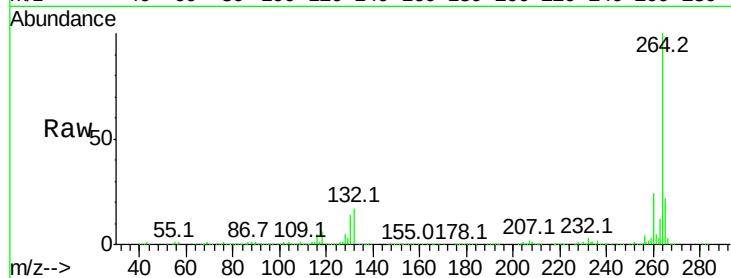
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.01 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF092374.D
Acq: 20 Jan 2017 15:50

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15939-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.2	17.4	26.0

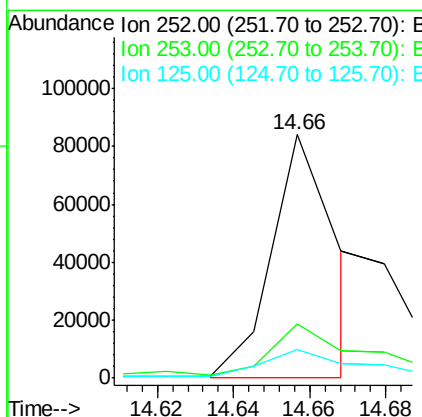
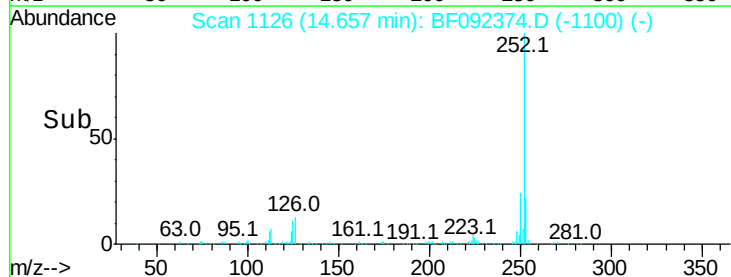
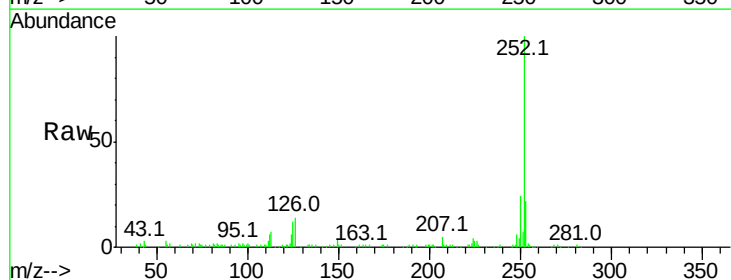
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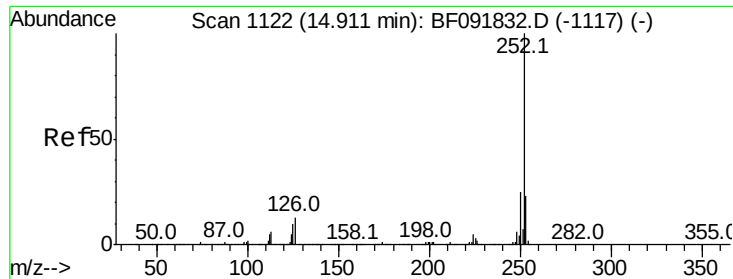
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#87
Benzo(b)fluoranthene
Concen: 4.34 ng m
RT: 14.66 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF092374.D
Acq: 20 Jan 2017 15:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	11.7	9.8	14.6





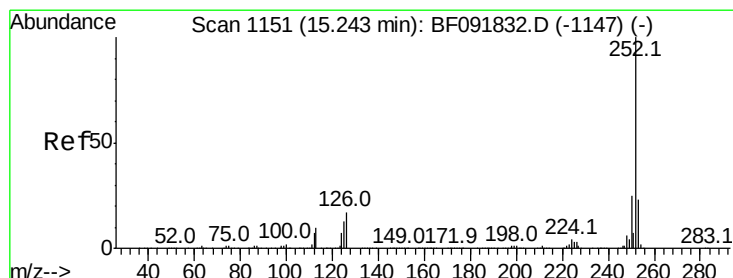
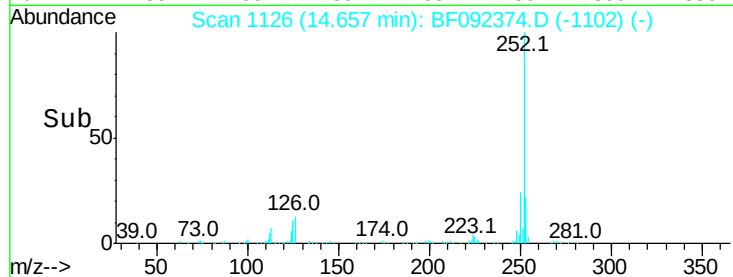
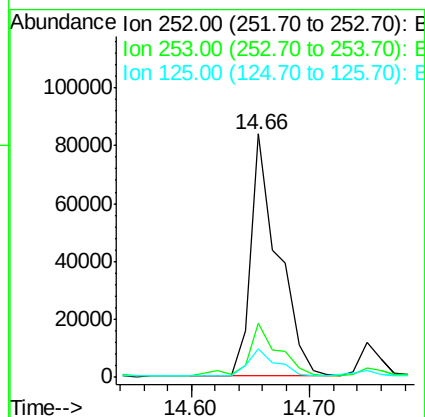
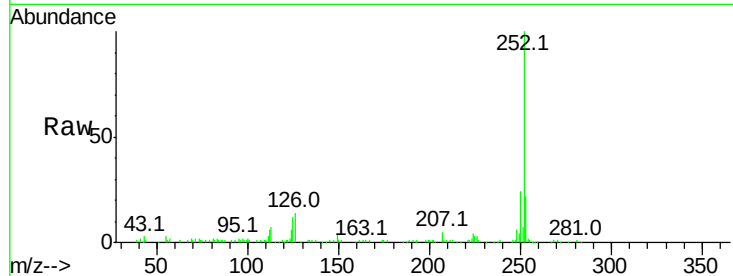
#88
Benzo(k)fluoranthene
Concen: 6.92 ng
RT: 14.66 min Scan# 1126
Delta R.T. -0.02 min
Lab File: BF092374.D
Acq: 20 Jan 2017 15:50

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15939-COMP

Tot Ion	Ratio	Resp	Lower	Upper
252	100	134276		
253	22.1	18.5	27.7	
125	11.7	8.9	13.3	

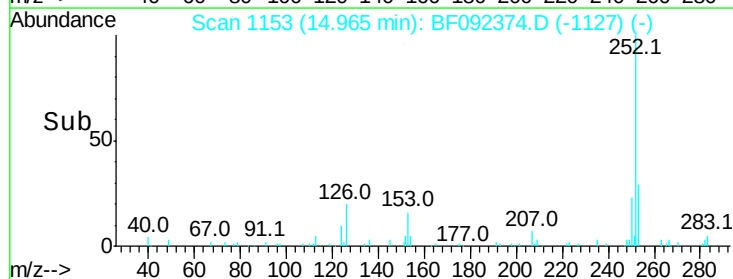
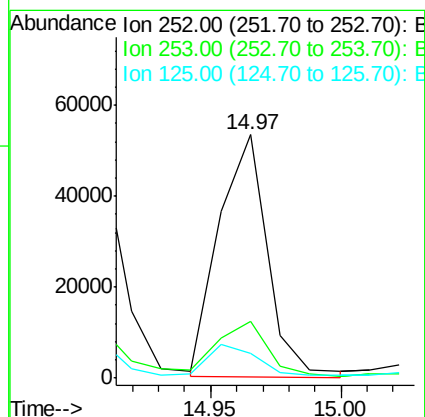
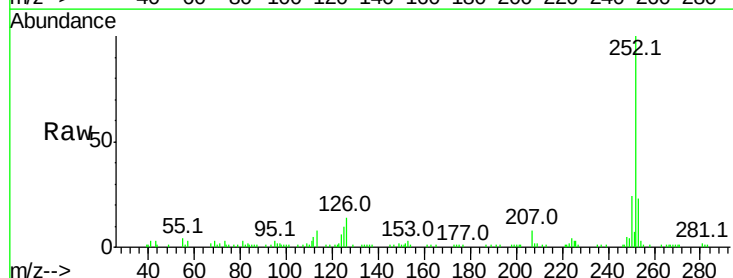
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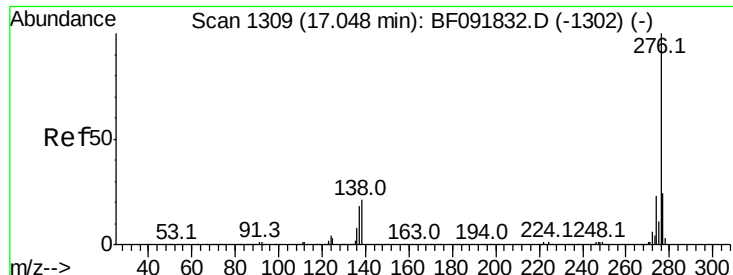
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#89
Benzo(a)pyrene
Concen: 3.46 ng
RT: 14.97 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF092374.D
Acq: 20 Jan 2017 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	69963		
253	23.2	18.2	27.2	
125	9.9	10.0	15.0	





#91
 Benzo(a,h,i)perylene
 Concen: 2.65 ng
 RT: 16.59 min Scan# 1295
 Delta R.T. 0.01 min
 Lab File: BF092374.D
 Acq: 20 Jan 2017 15:50

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-15939-COMP

Tot Ion:	276	Resp:	45811
Ion Ratio	Lower	Upper	
276	100		
277	24.9	19.2	28.8
138	23.4	16.0	24.0

Manual Integrations
 APPROVED

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