

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071917\
 Data File : BF096881.D
 Acq On : 19 Jul 2017 20:28
 Operator : SJ/JU
 Sample : I4250-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-4611-COMP

Manual Integrations
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Sohil
 7/20/2017 3:05:00 PM

Quant Time: Jul 20 04:40:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	107983	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	446102	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	199915	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	289132	20.00	ng	-0.01
75) Chrysene-d12	13.72	240	196189	20.00	ng	-0.01
86) Perylene-d12	15.09	264	178305	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	231369	32.22	ng	0.00
7) Phenol-d6	6.24	99	716046	83.08	ng	-0.01
23) Nitrobenzene-d5	7.15	82	518022	71.93	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	2619	1.53	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	875735	69.21	ng	-0.01
78) Terphenyl-d14	12.68	244	540973	47.82	ng	-0.01
Target Compounds						
10) Phenol	6.25	94	33559	3.445	ng	Qvalue 90
49) Dimethylphthalate	9.35	163	161950	10.759	ng	98
70) Phenanthrene	11.12	178	36885	2.346	ng	98
74) Fluoranthene	12.30	202	89011	5.915	ng	96
77) Pyrene	12.52	202	152172	8.546	ng	97
80) Benzo(a)anthracene	13.71	228	80305	6.569	ng	98
82) Chrysene	13.74	228	78763	6.545	ng	96
83) Bis(2-ethylhexyl)phthalate	13.72	149	61695	5.988	ng	98
85) Indeno(1,2,3-cd)pyrene	16.37	276	24439	5.438	ng	# 91
87) Benzo(b)fluoranthene	14.72	252	79839m	7.424	ng	
88) Benzo(k)fluoranthene	14.74	252	20719m	2.035	ng	
89) Benzo(a)pyrene	15.04	252	57153	5.795	ng	# 94
91) Benzo(a,h,i)perylene	16.75	276	26555	2.732	ng	# 90

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

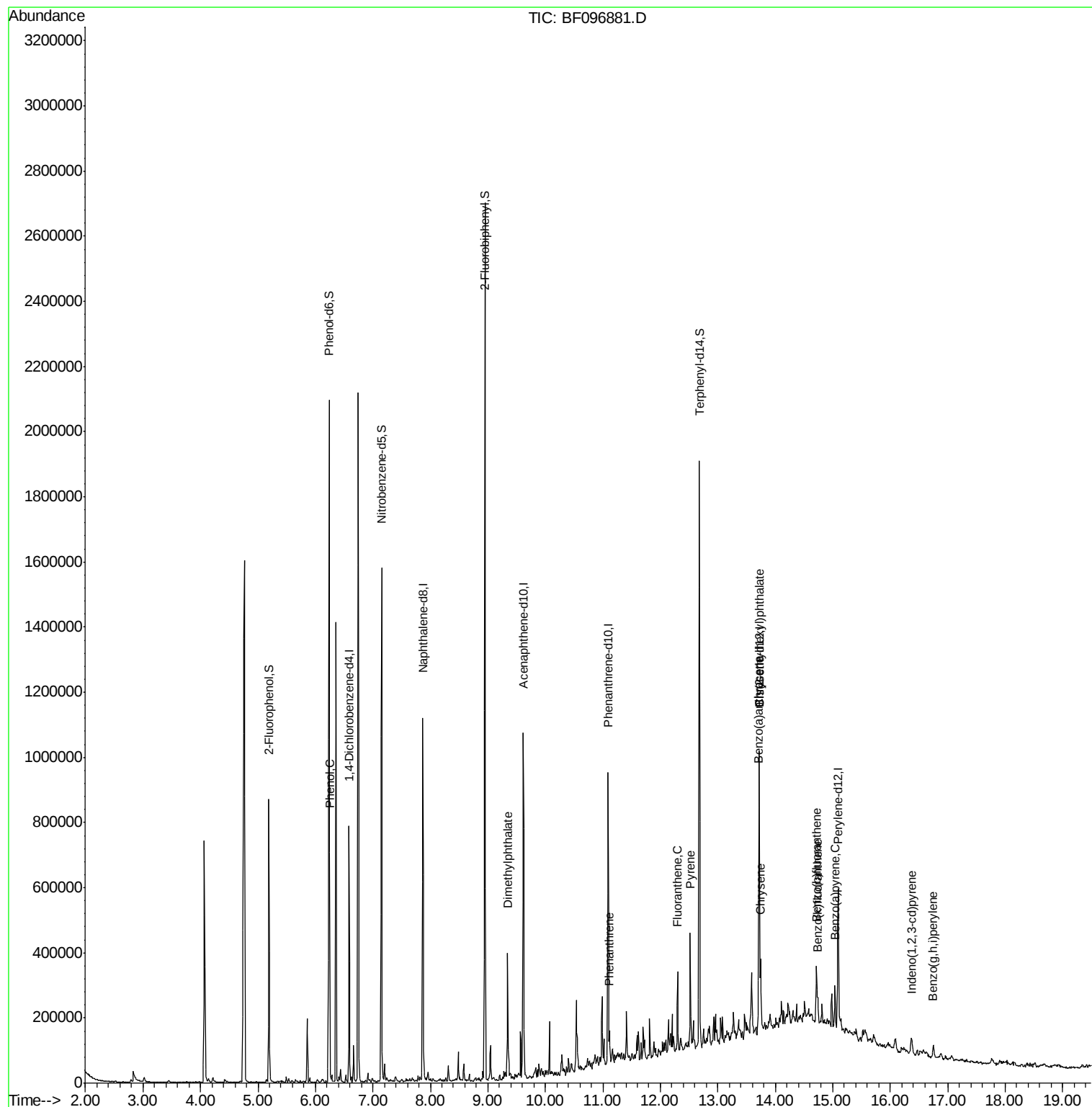
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071917\
Data File : BF096881.D
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Sample : I4250-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

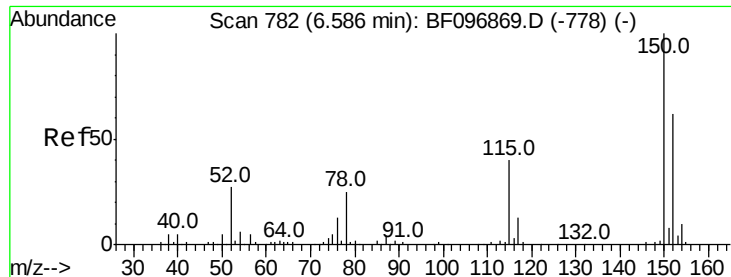
Instrument :
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#1

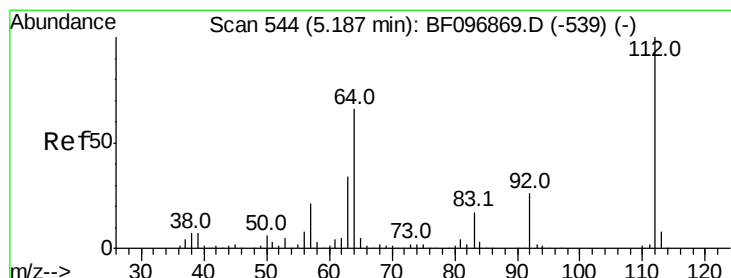
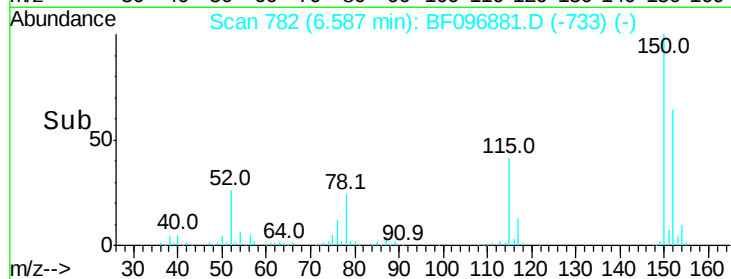
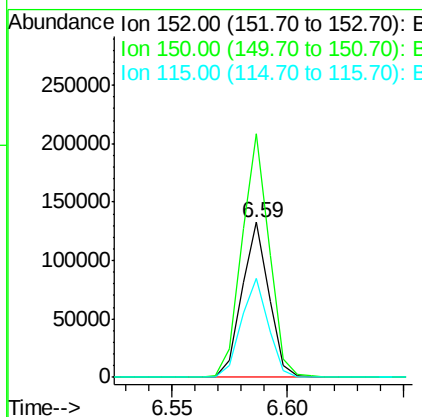
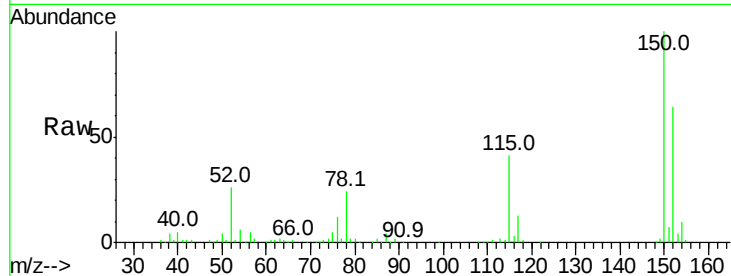
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.59 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096881.D
Acq: 19 Jul 2017 20:28

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-4611-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	126.2	189.2
115	63.9	52.2	78.2

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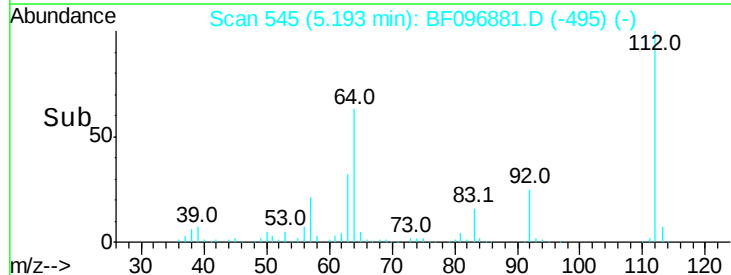
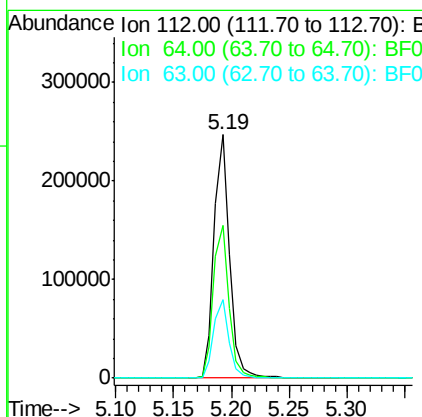
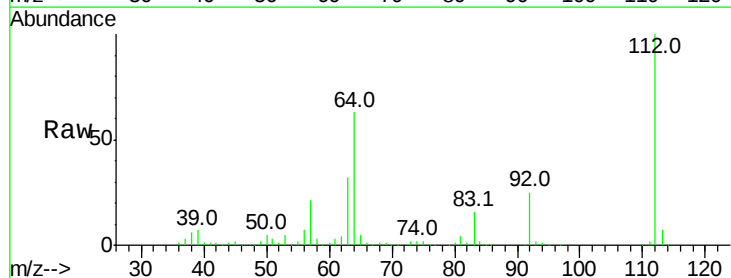
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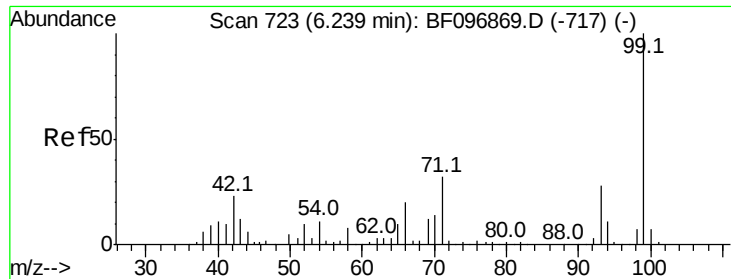


#5

2-Fluorophenol
Concen: 32.216 ng
RT: 5.19 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF096881.D
Acq: 19 Jul 2017 20:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.9	46.0	69.0
63	32.2	23.4	35.0





#7

Phenol-d6

Concen: 83.085 ng

RT: 6.24 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF096881.D

Acq: 19 Jul 2017 20:28

Instrument :

BNA_F

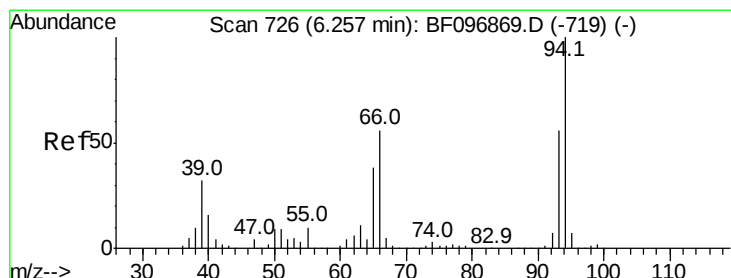
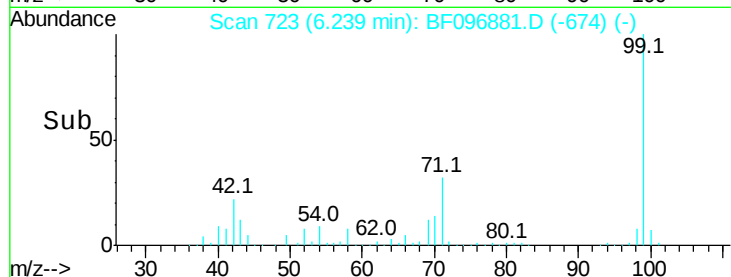
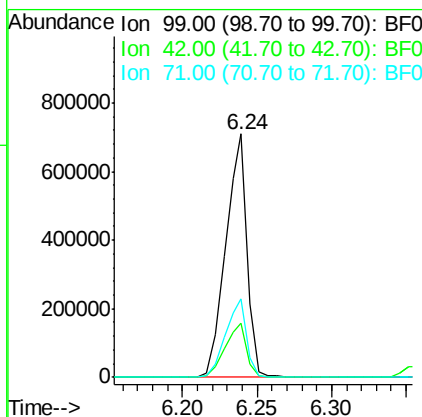
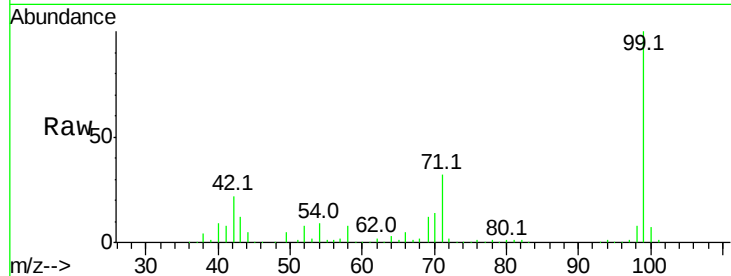
ClientSampleId :

ROLL-OFF-4611-COMP

Tot Ion:	99	Resp:	716046
Ion Ratio	Lower	Upper	
99	100		
42	22.2	13.5	20.3#
71	32.0	24.5	36.7

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#10

Phenol

Concen: 3.445 ng

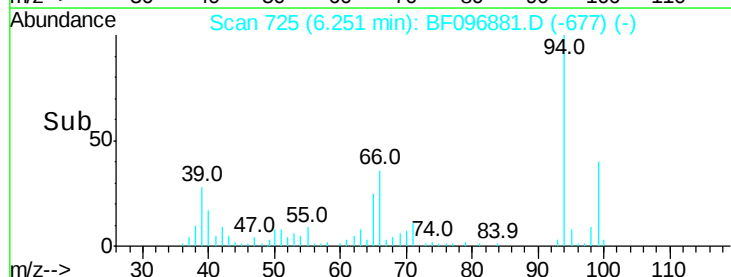
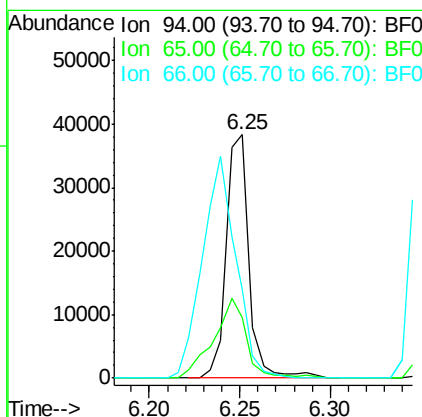
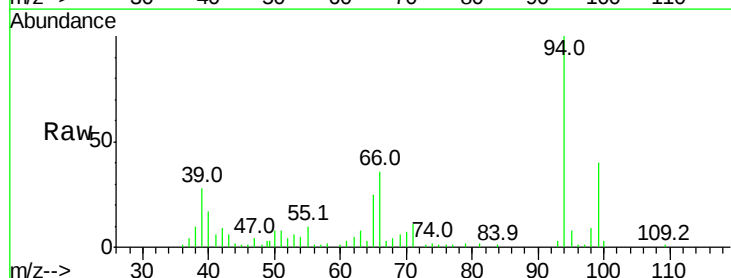
RT: 6.25 min Scan# 725

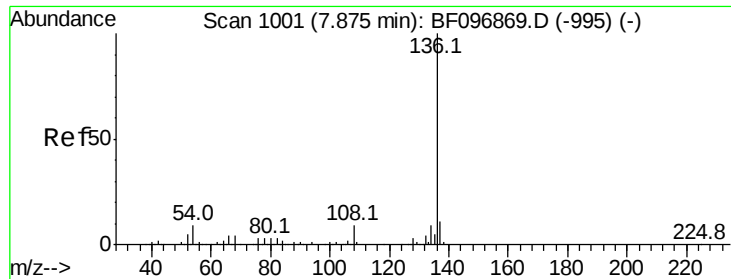
Delta R.T. -0.02 min

Lab File: BF096881.D

Acq: 19 Jul 2017 20:28

Tgt Ion:	94	Resp:	33559
Ion Ratio	Lower	Upper	
94	100		
65	25.0	9.9	49.9
66	36.4	23.1	63.1





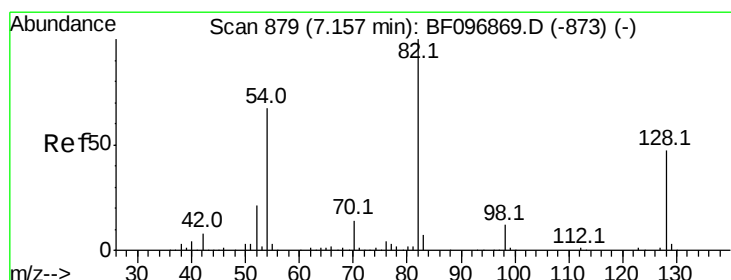
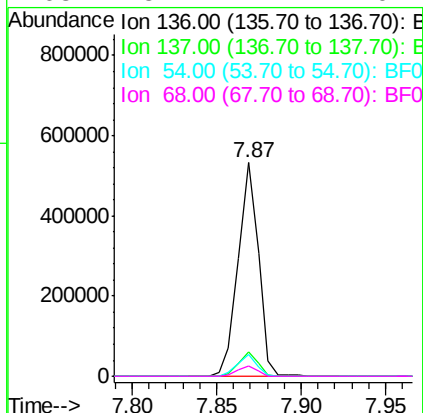
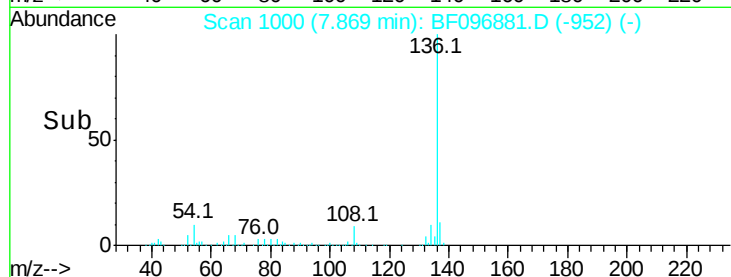
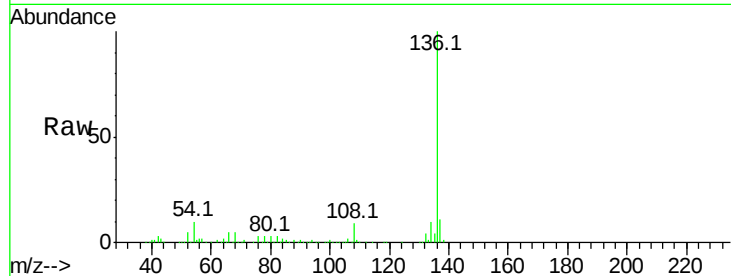
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.87 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF096881.D
Acq: 19 Jul 2017 20:28

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-4611-COMP

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.5	12.7	
54	10.3	4.9	7.3#	
68	5.1	4.1	6.1	

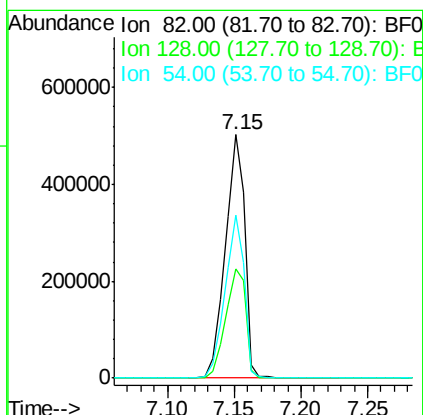
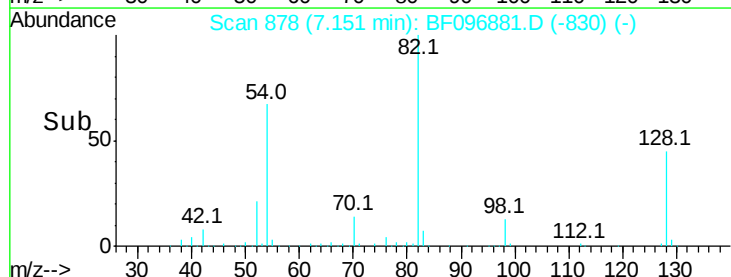
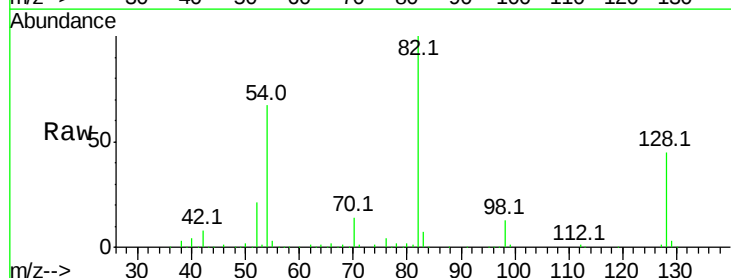
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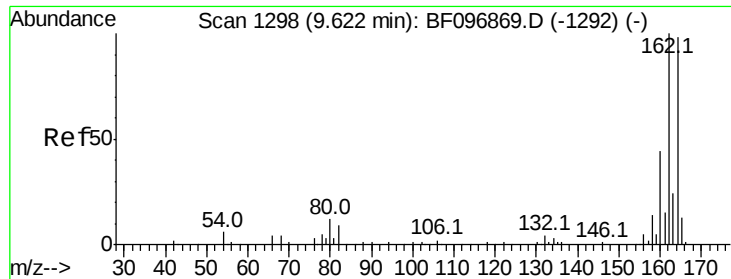
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#23
Nitrobenzene-d5
Concen: 71.927 ng
RT: 7.15 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF096881.D
Acq: 19 Jul 2017 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.0	34.0	51.0	
54	66.8	42.2	63.2#	





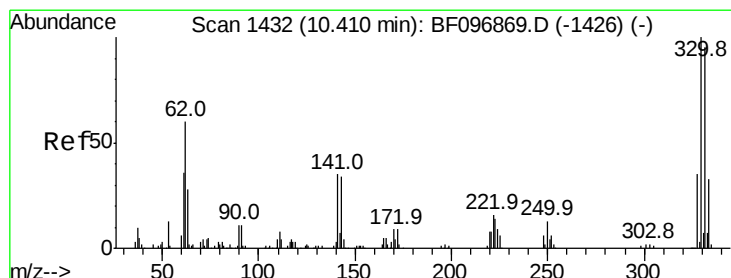
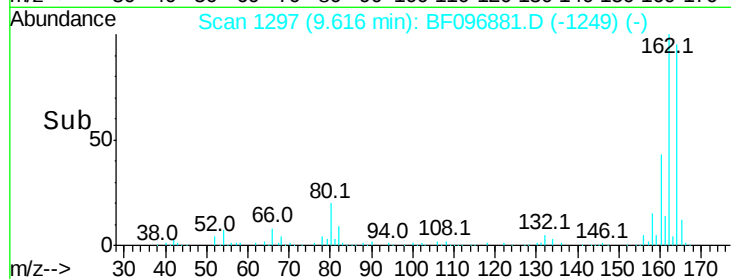
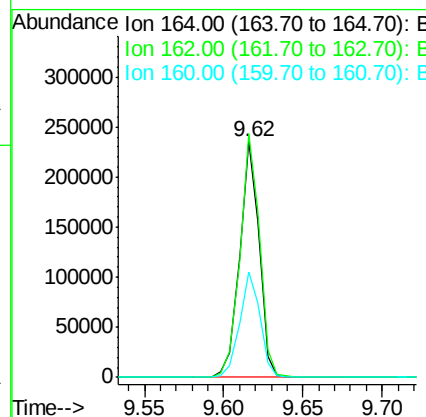
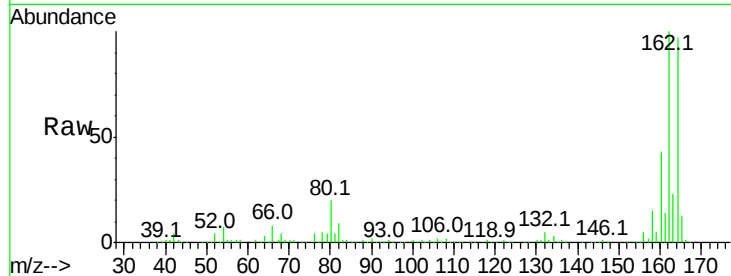
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF096881.D
Acq: 19 Jul 2017 20:28

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-4611-COMP

Tot Ion	Ratio	Resp	Lower	Upper
164	100	199915		
162	103.4	82.6	123.8	
160	44.7	36.2	54.2	

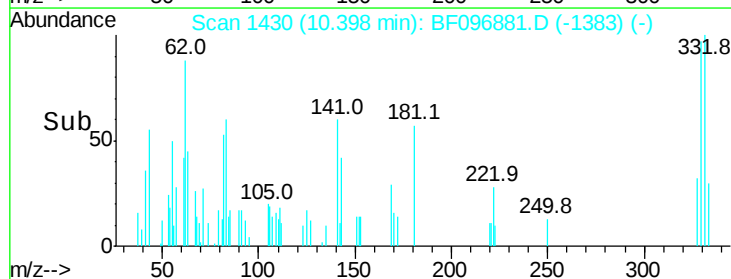
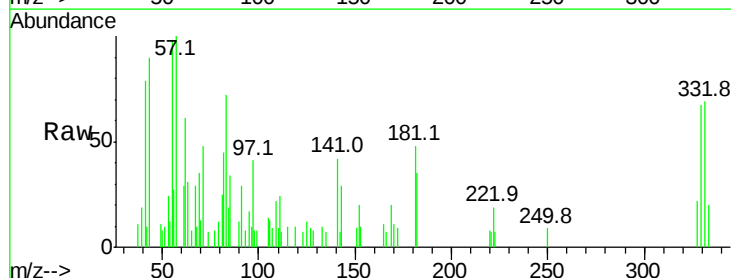
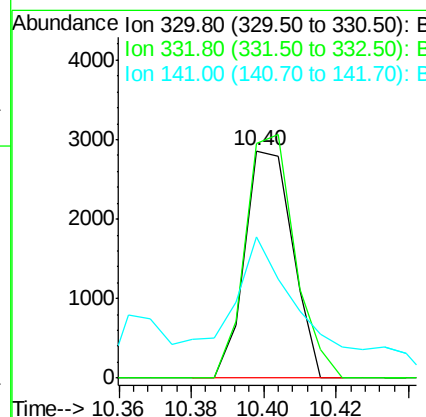
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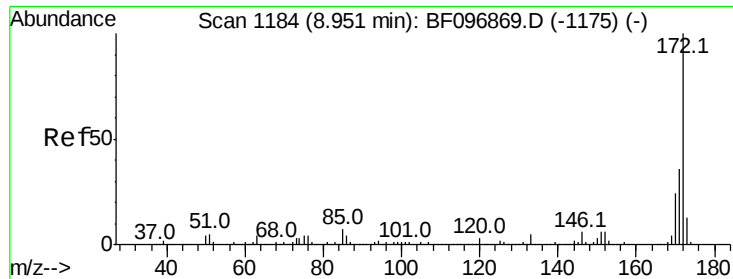
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#41
2,4,6-Tribromophenol
Concen: 1.535 ng
RT: 10.40 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF096881.D
Acq: 19 Jul 2017 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	2619		
332	110.6	76.6	115.0	
141	99.2	31.4	47.2	





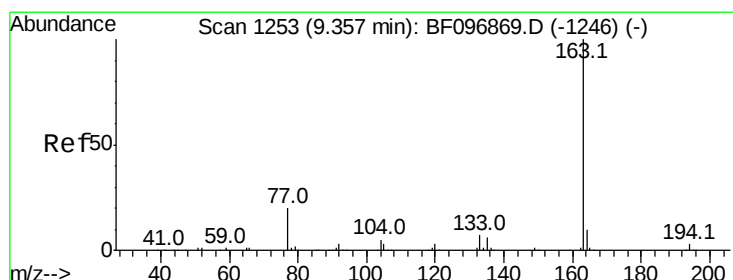
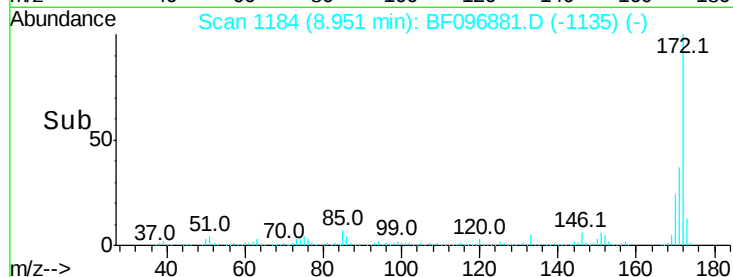
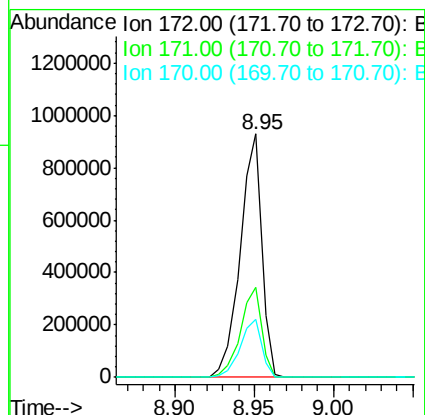
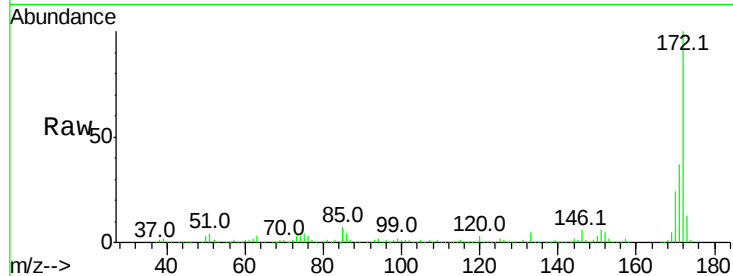
#44
 2-Fluorobiphenyl
 Concen: 69.209 ng
 RT: 8.95 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF096881.D
 Acq: 19 Jul 2017 20:28

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-4611-COMP

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.7	29.6	44.4	
170	23.9	19.8	29.8	

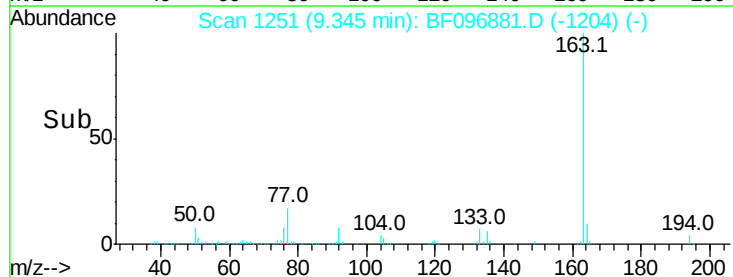
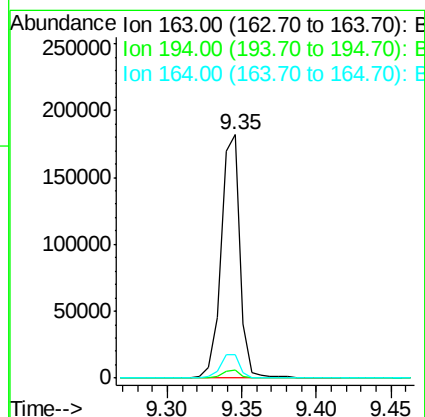
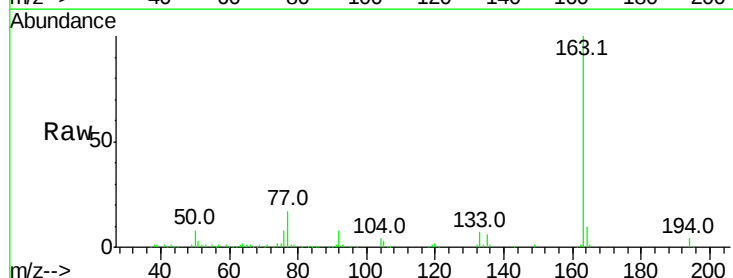
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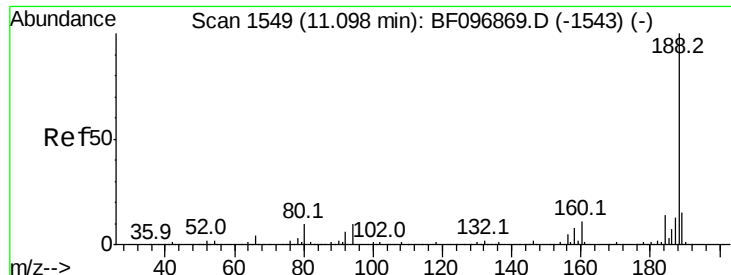
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#49
 Dimethylphthalate
 Concen: 10.759 ng
 RT: 9.35 min Scan# 1251
 Delta R.T. -0.02 min
 Lab File: BF096881.D
 Acq: 19 Jul 2017 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	2.6	4.0	
164	9.6	8.4	12.6	





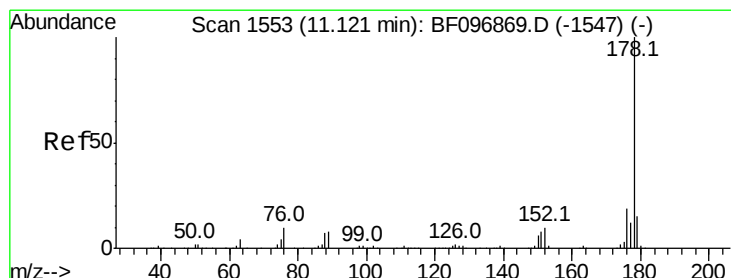
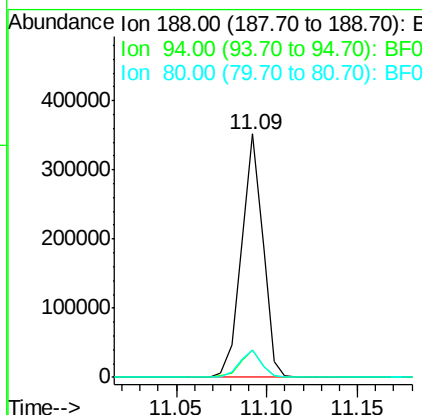
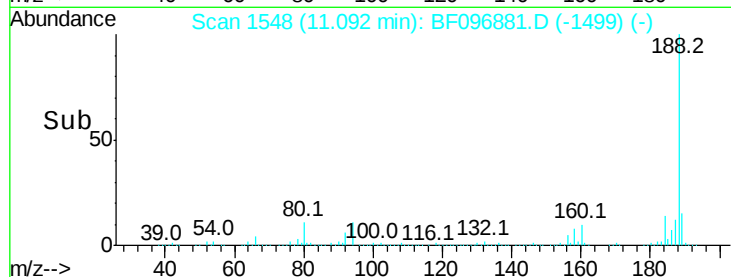
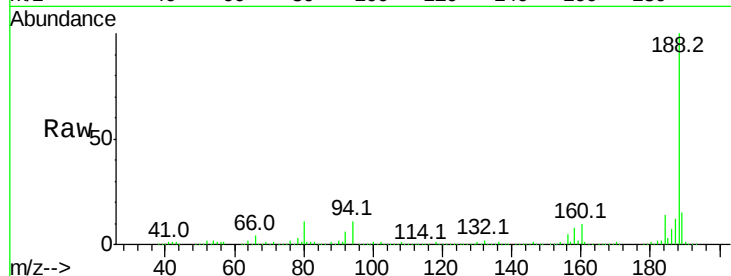
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.09 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF096881.D
Acq: 19 Jul 2017 20:28

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-4611-COMP

Tot Ion	Ratio	Resp	Lower	Upper
188	100	289132		
94	11.3		9.4	14.2
80	11.5		10.2	15.2

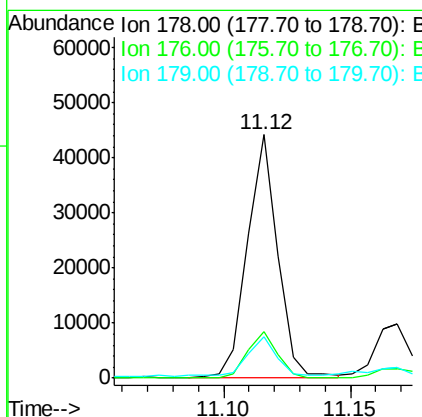
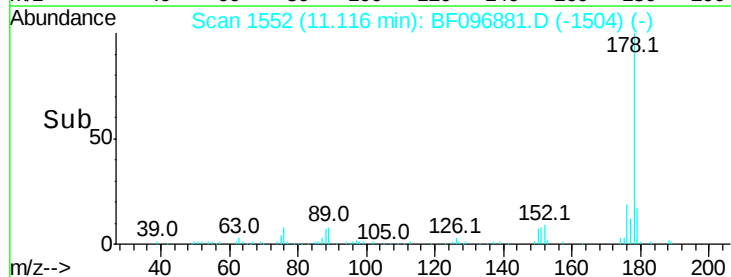
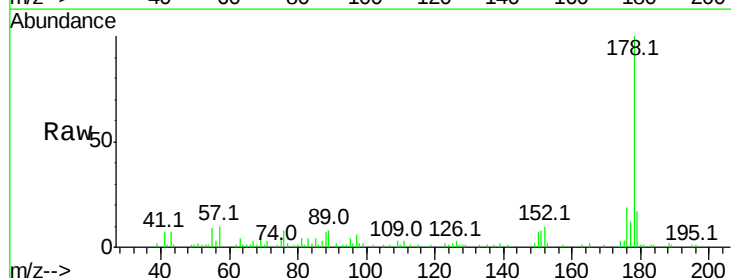
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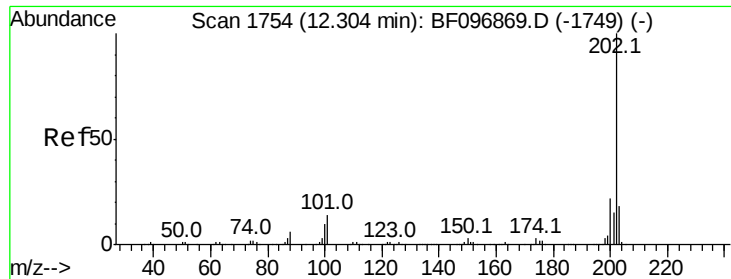
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#70
Phenanthrene
Concen: 2.346 ng
RT: 11.12 min Scan# 1552
Delta R.T. -0.02 min
Lab File: BF096881.D
Acq: 19 Jul 2017 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	36885		
176	19.3		16.2	24.4
179	17.0		12.6	19.0





#74

Fluoranthene

Concen: 5.915 ng

RT: 12.30 min Scan# 1753

Delta R.T. -0.02 min

Lab File: BF096881.D

Acq: 19 Jul 2017 20:28

Instrument :

BNA_F

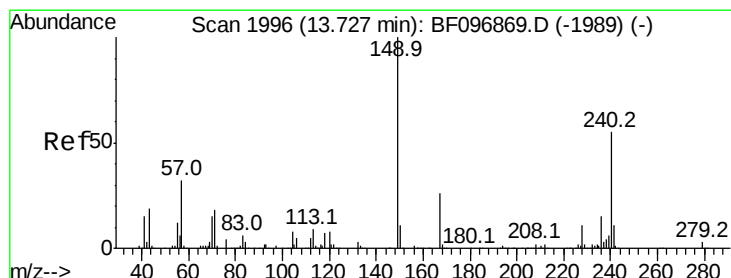
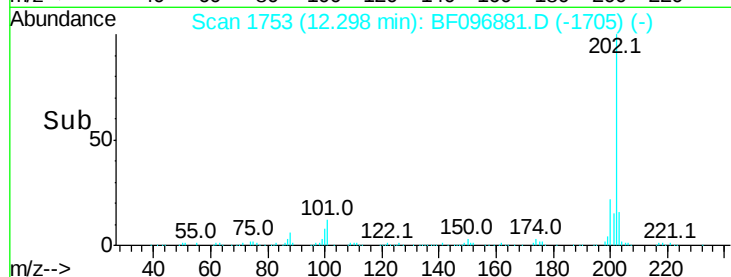
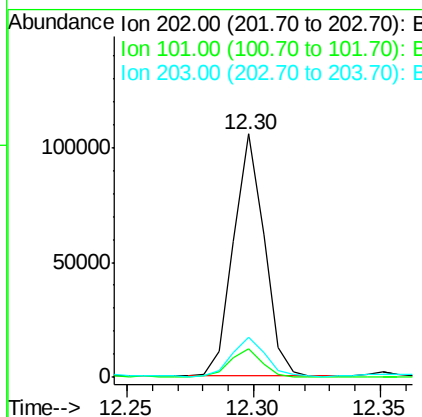
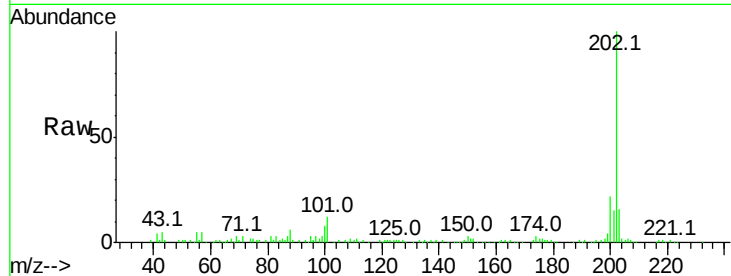
ClientSampleId :

ROLL-OFF-4611-COMP

Tot Ion:	202	Resp:	89011
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	33.2
203	16.5	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

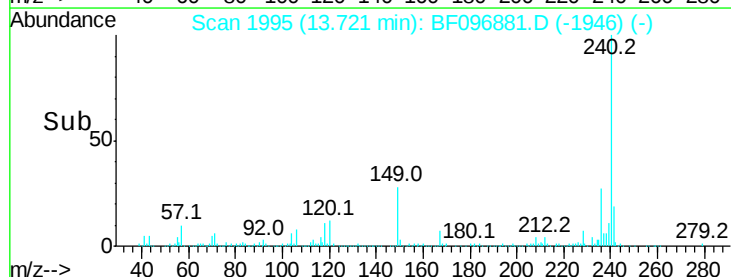
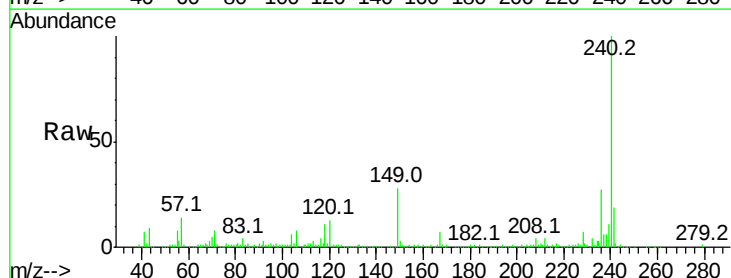
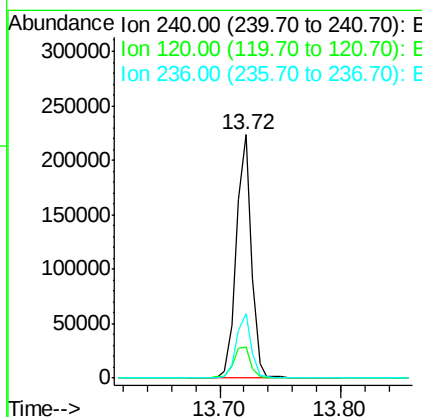
RT: 13.72 min Scan# 1995

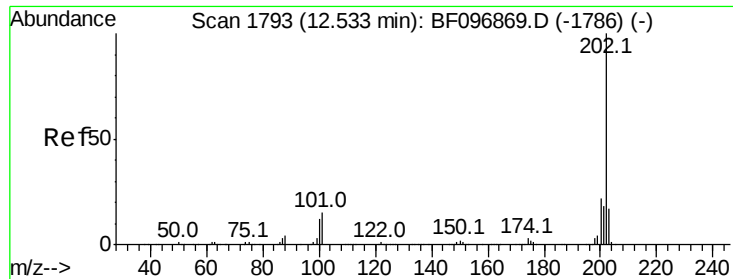
Delta R.T. -0.01 min

Lab File: BF096881.D

Acq: 19 Jul 2017 20:28

Tgt Ion:	240	Resp:	196189
Ion Ratio	Lower	Upper	
240	100		
120	12.6	5.8	8.8#
236	26.5	20.5	30.7





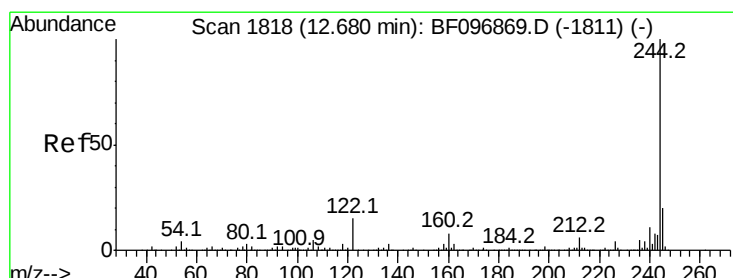
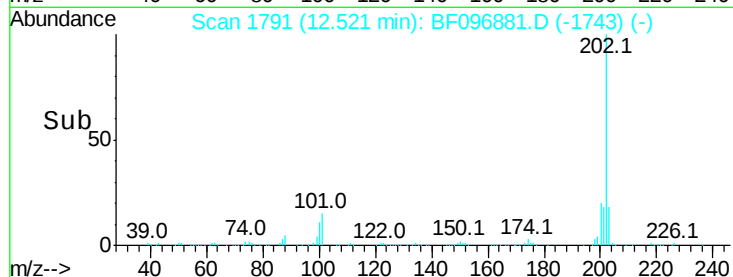
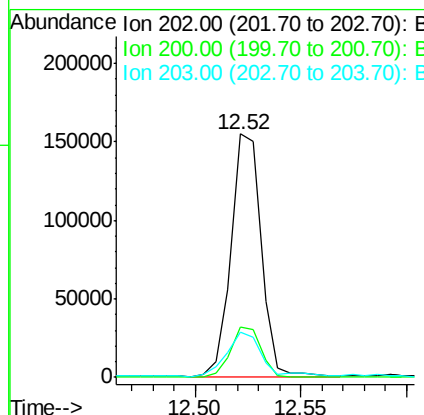
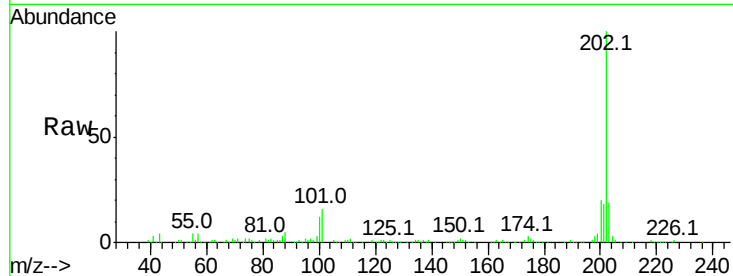
#77
Pvrene
Concen: 8.546 ng
RT: 12.52 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BF096881.D
Acq: 19 Jul 2017 20:28

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-4611-COMP

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.4	17.6	26.4
203	18.7	14.4	21.6

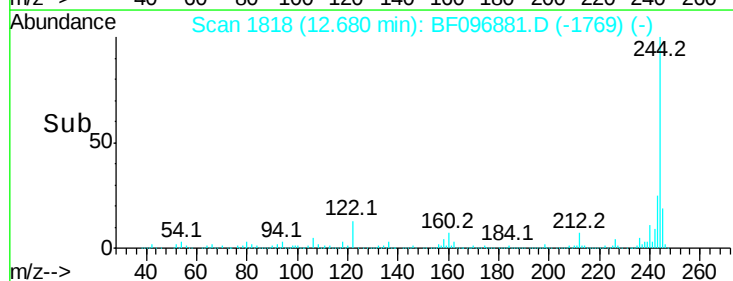
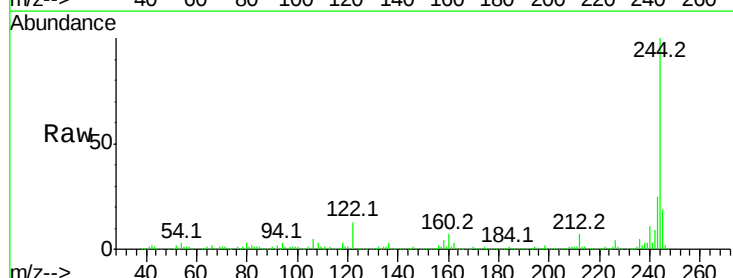
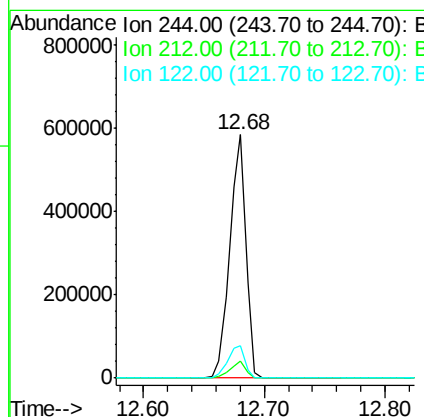
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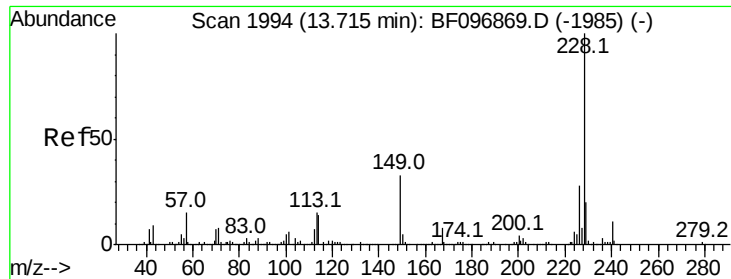
Sohil
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#78
Terphenyl-d14
Concen: 47.821 ng
RT: 12.68 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF096881.D
Acq: 19 Jul 2017 20:28

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.9	6.0	9.0
122	13.5	10.3	15.5





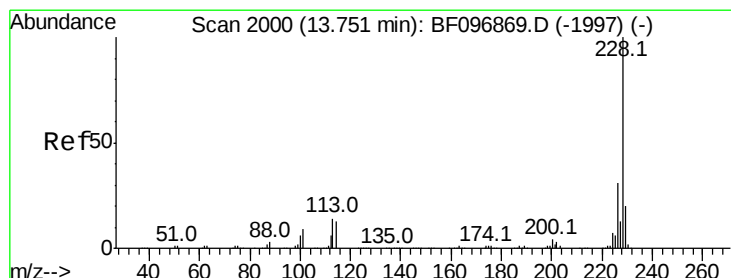
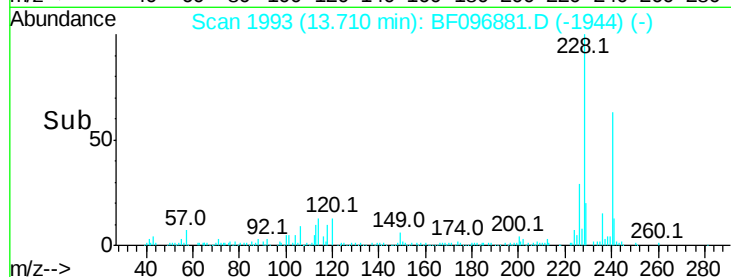
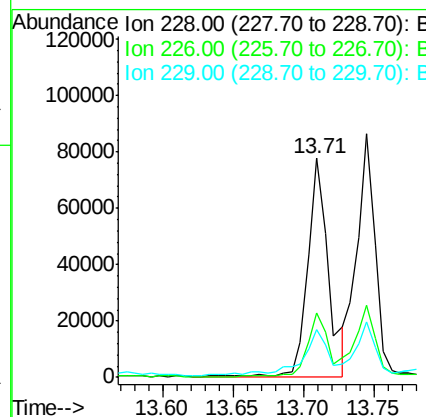
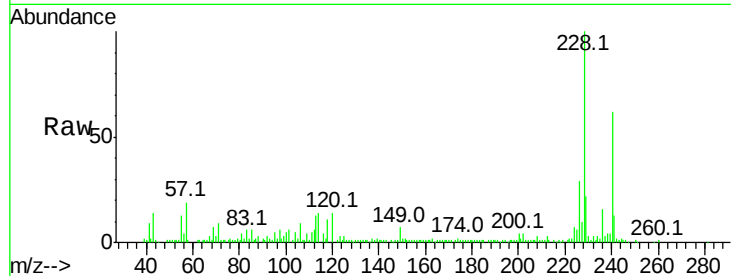
#80
Benzo(a)anthracene
Concen: 6.569 ng
RT: 13.71 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF096881.D
Acq: 19 Jul 2017 20:28

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-4611-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	33.8
229	21.6	16.3	24.5

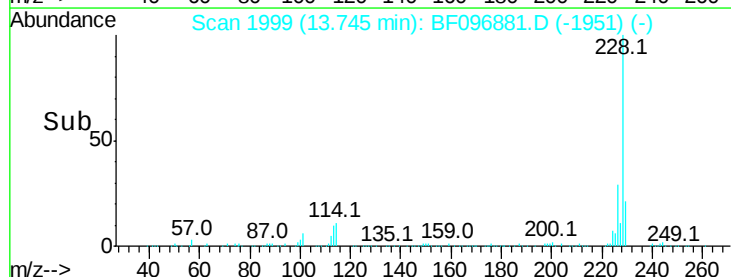
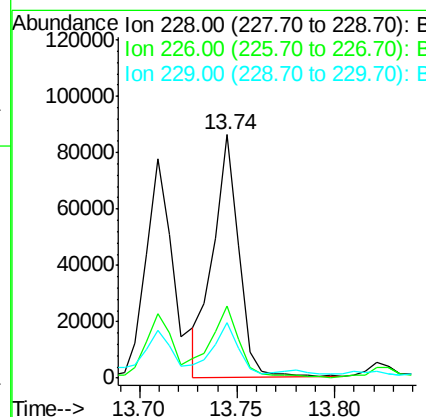
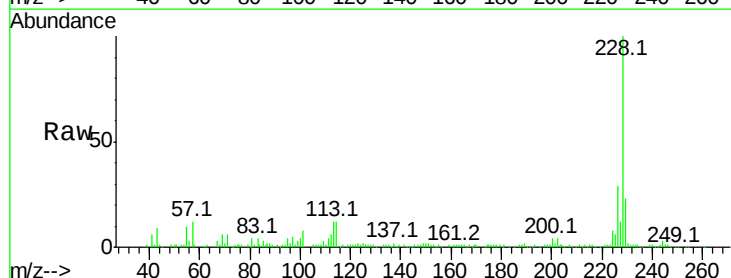
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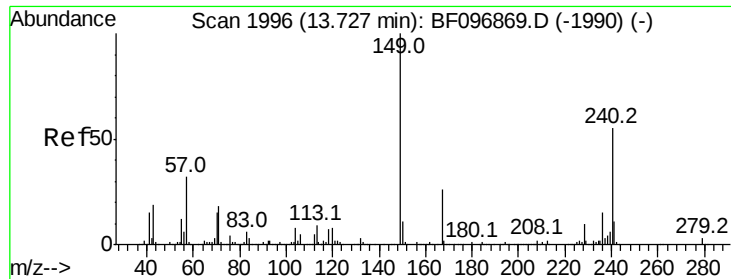
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7/20/2017 3:05:00 PM



#82
Chrysene
Concen: 6.545 ng
RT: 13.74 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BF096881.D
Acq: 19 Jul 2017 20:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.9	37.3
229	22.7	15.8	23.6





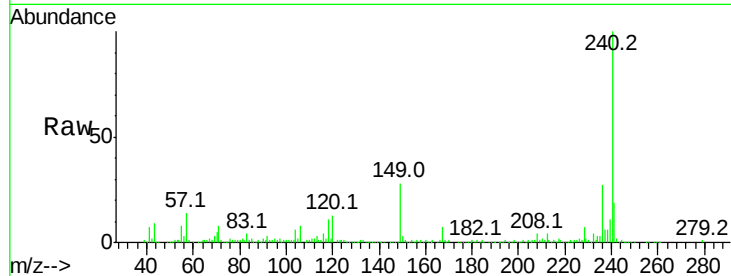
#83
Bis(2-ethylhexyl)phthalate
Concen: 5.988 ng
RT: 13.72 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF096881.D
Acq: 19 Jul 2017 20:28

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-4611-COMP

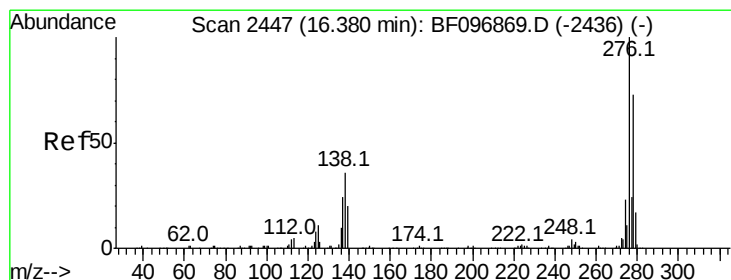
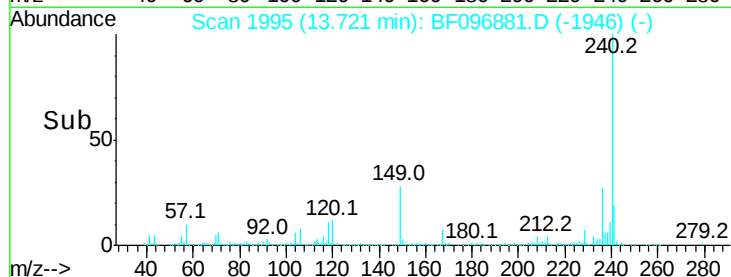
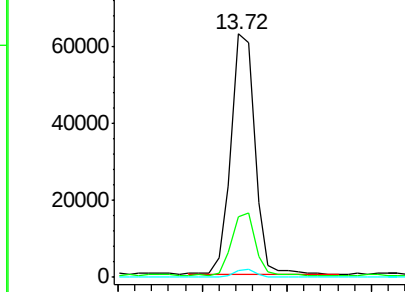
Tot Ion	Ratio	Lower	Upper
149	100		
167	25.0	21.0	31.4
279	2.7	1.9	2.9

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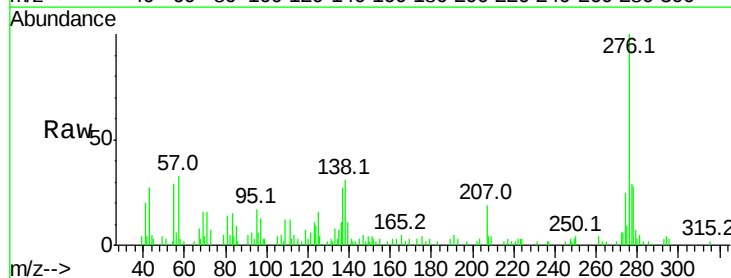


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

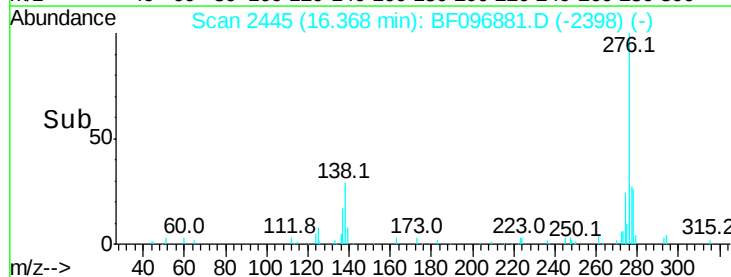
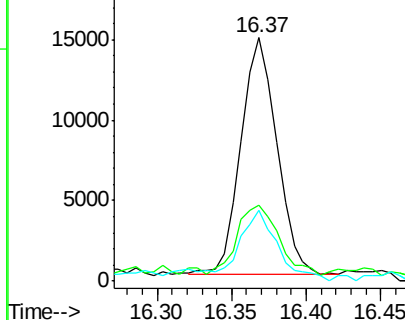


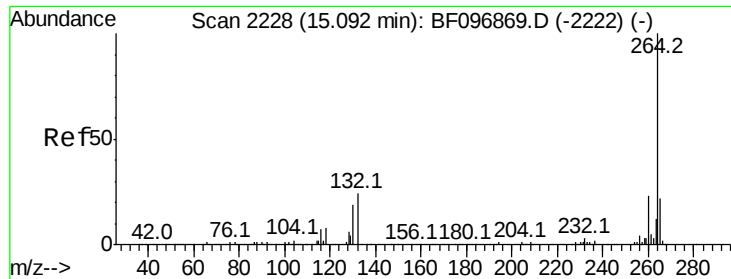
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.438 ng
RT: 16.37 min Scan# 2445
Delta R.T. -0.02 min
Lab File: BF096881.D
Acq: 19 Jul 2017 20:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	38.4	27.8	41.6
277	31.4	20.2	30.4#



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: 20.000 ng

RT: 15.09 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BF096881.D

Acq: 19 Jul 2017 20:28

Instrument :

BNA_F

ClientSampleId :

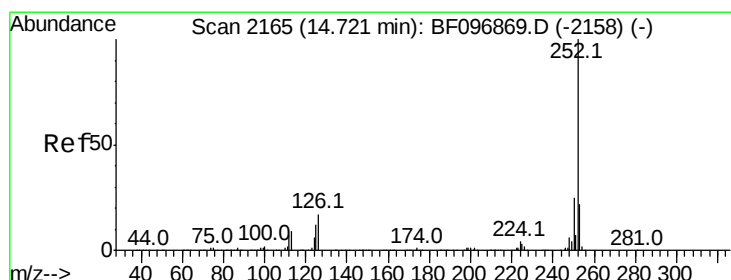
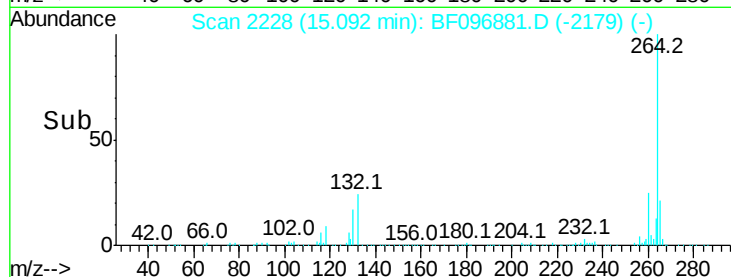
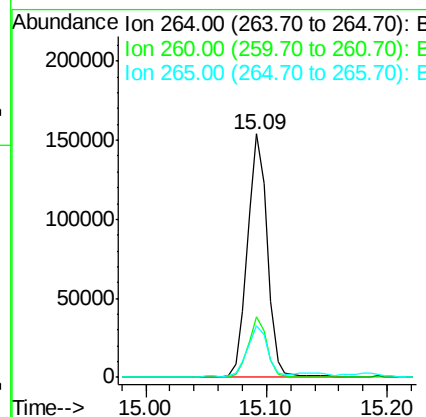
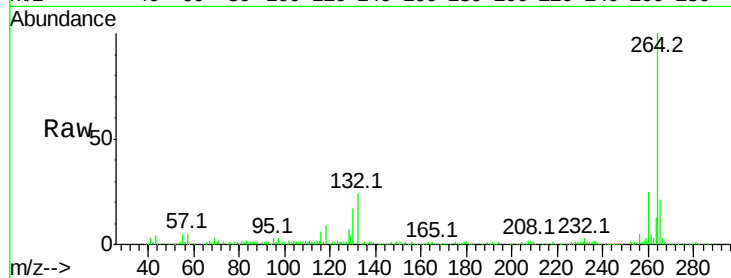
ROLL-OFF-4611-COMP

Tot Ion:	264	Resp:	178305
Ion Ratio		Lower	Upper
264	100		
260	25.0	19.5	29.3
265	21.1	17.2	25.8

Manual Integrations
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#87

Benzo(b)fluoranthene

Concen: 7.424 ng m

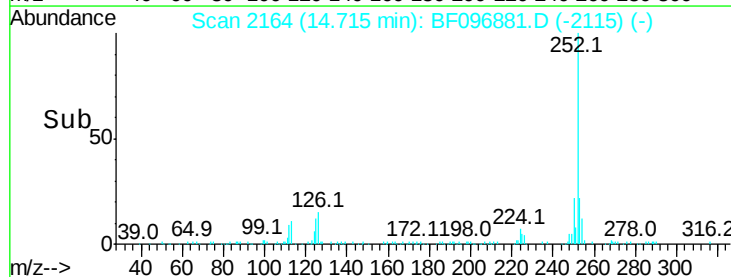
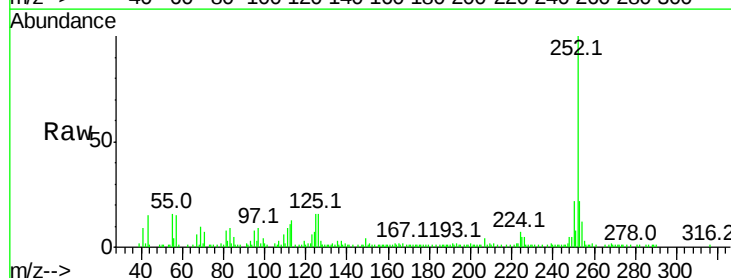
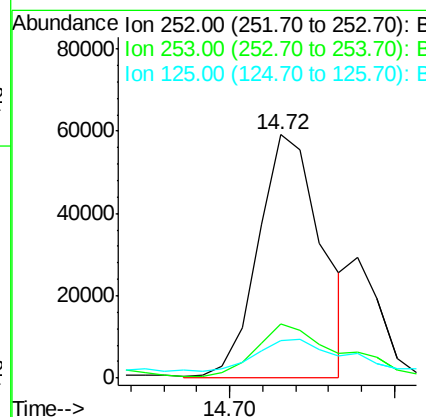
RT: 14.72 min Scan# 2164

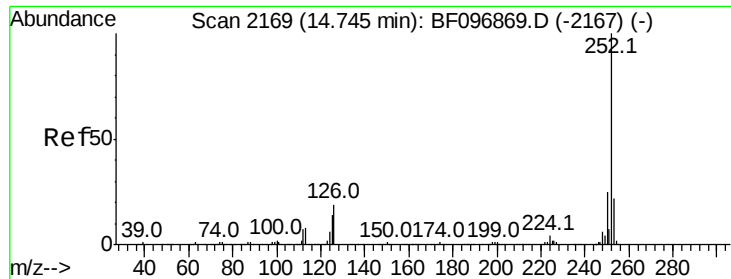
Delta R.T. -0.01 min

Lab File: BF096881.D

Acq: 19 Jul 2017 20:28

Tgt Ion:	252	Resp:	79839
Ion Ratio		Lower	Upper
252	100		
253	22.4	18.1	27.1
125	15.6	9.8	14.8#





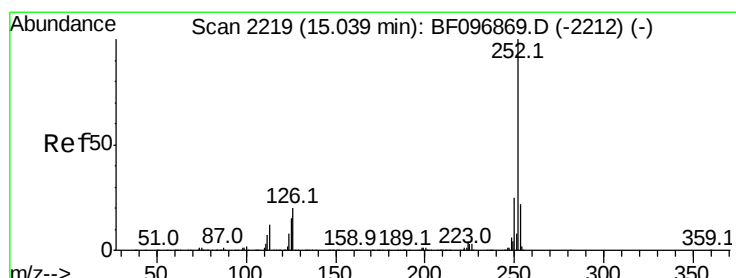
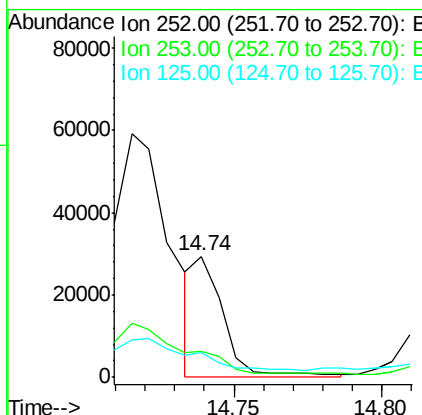
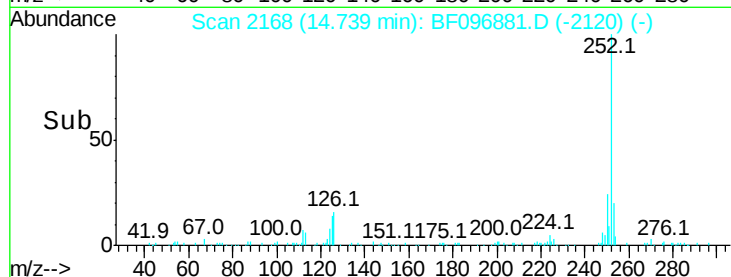
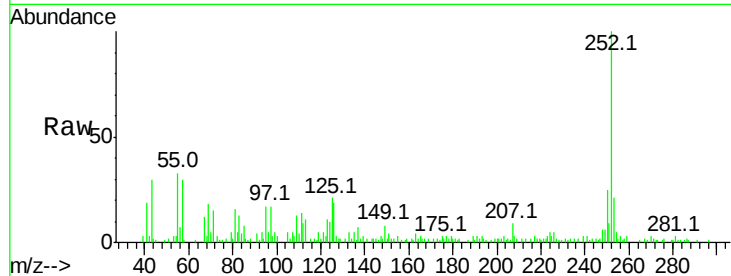
#88
Benzo(k)fluoranthene
Concen: 2.035 ng m
RT: 14.74 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BF096881.D
Acq: 19 Jul 2017 20:28

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-4611-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.4	27.6
125	20.5	13.1	19.7

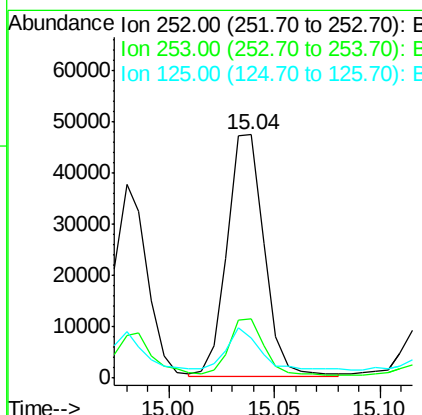
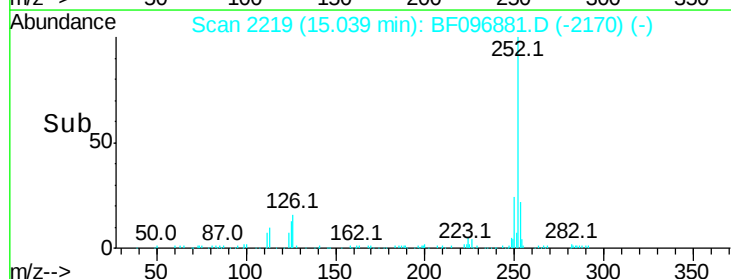
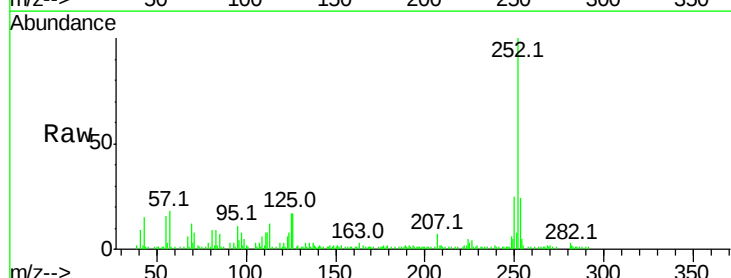
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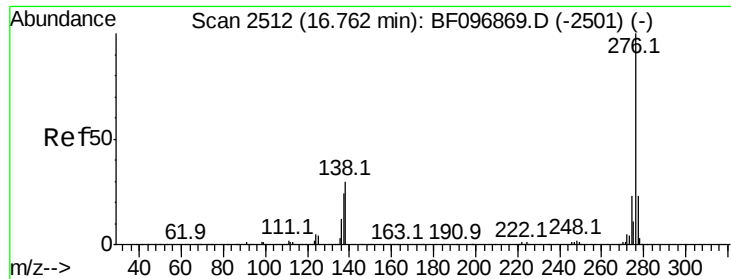
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#89
Benzo(a)pyrene
Concen: 5.795 ng
RT: 15.04 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BF096881.D
Acq: 19 Jul 2017 20:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.5	26.3
125	16.5	11.0	16.4





#91
 Benzo(a,h,i)perylene
 Concen: 2.732 ng
 RT: 16.75 min Scan# 2510
 Delta R.T. -0.03 min
 Lab File: BF096881.D
 Acq: 19 Jul 2017 20:28

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-4611-COMP

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.6	18.6	28.0
138	39.7	25.4	38.0

Manual Integrations
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