

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
 Data File : BF096920.D
 Acq On : 20 Jul 2017 22:01
 Operator : SJ/JU
 Sample : I4250-01RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 7/21/2017 1:05:53 PM

Quant Time: Jul 21 07:53:13 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	6.57	152	106292	20.00	ng	-0.03
21) Naphthalene-d8	7.85	136	431659	20.00	ng	-0.04
38) Acenaphthene-d10	9.60	164	151677	20.00	ng	-0.04
63) Phenanthrene-d10	11.07	188	229999	20.00	ng	-0.03
75) Chrysene-d12	13.70	240	211073	20.00	ng	-0.03
86) Perylene-d12	15.07	264	215947	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	196240	27.76	ng	-0.02
7) Phenol-d6	6.22	99	642257	75.71	ng	-0.03
23) Nitrobenzene-d5	7.13	82	504921	72.45	ng	-0.04
41) 2,4,6-Tribromophenol	10.38	330	2344	1.81	ng	-0.04
44) 2-Fluorobiphenyl	8.93	172	763133	79.49	ng	-0.04
78) Terphenyl-d14	12.66	244	477965	39.27	ng	-0.04
Target Compounds						
10) Phenol	6.23	94	28758	2.999	ng	95
49) Dimethylphthalate	9.32	163	132371	11.590	ng	100
70) Phenanthrene	11.10	178	30708	2.455	ng	95
74) Fluoranthene	12.28	202	72373	6.046	ng	97
77) Pyrene	12.50	202	140989	7.360	ng	99
80) Benzo(a)anthracene	13.69	228	76912	5.848	ng	96
82) Chrysene	13.73	228	88125	6.807	ng	96
83) Bis(2-ethylhexyl)phthalate	13.70	149	59269	5.347	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.33	276	29477	5.692	ng	99
87) Benzo(b)fluoranthene	14.70	252	80320m	6.167	ng	
88) Benzo(k)fluoranthene	14.71	252	25996m	2.108	ng	
89) Benzo(a)pyrene	15.02	252	68990	5.775	ng	97
91) Benzo(a,h,i)perylene	16.72	276	33900	2.880	ng	99

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

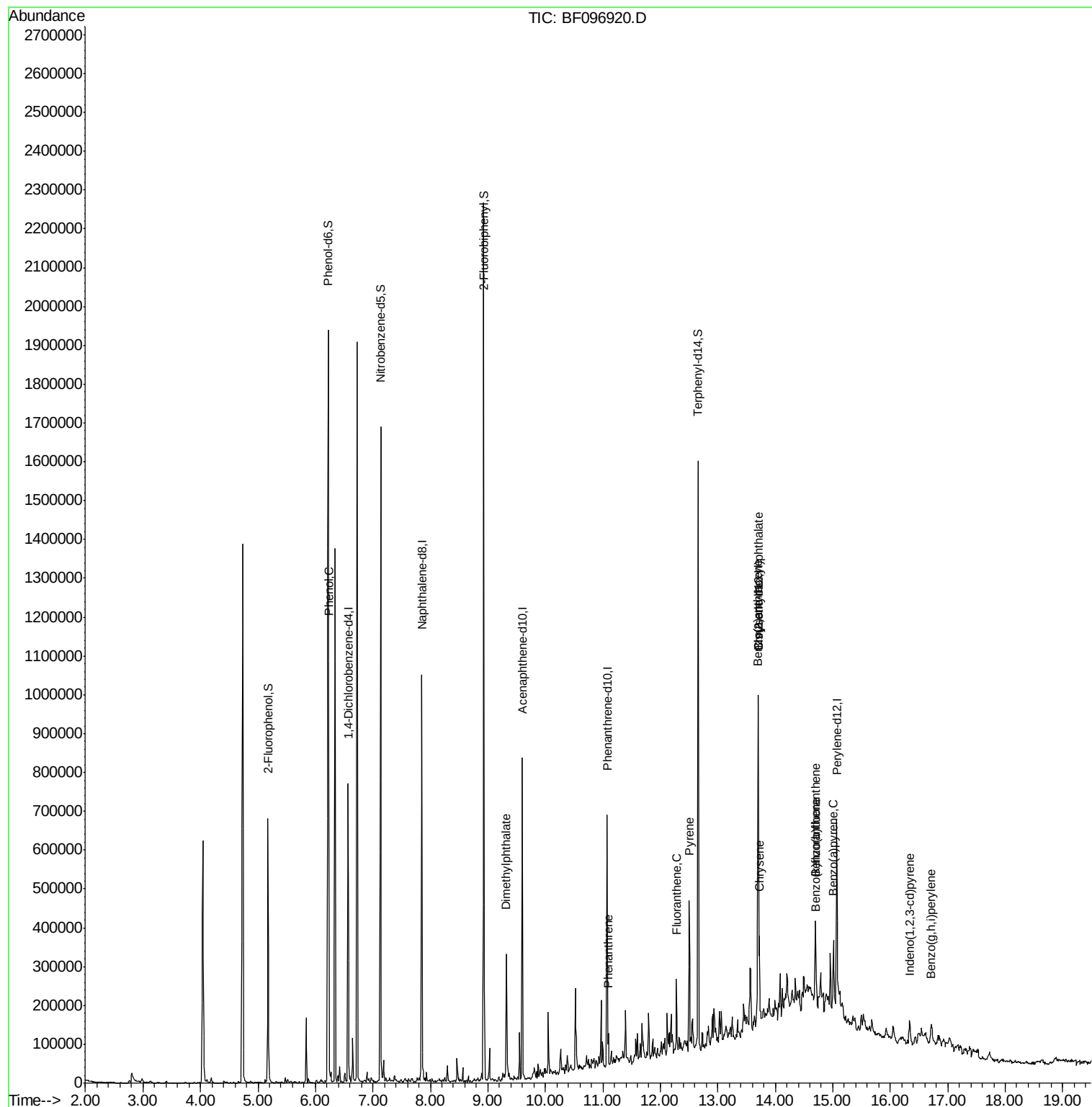
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
Data File : BF096920.D
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Operator : SJ/JU
Sample : I4250-01RE
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ALS Vial : 19 Sample Multiplier: 1

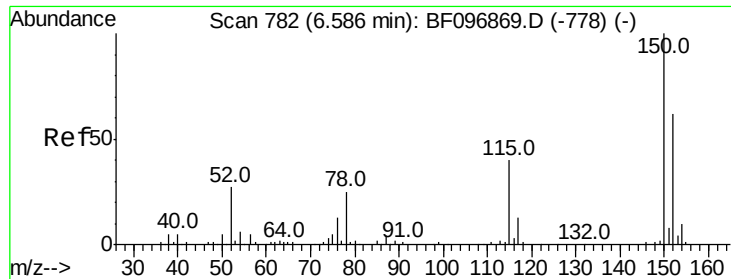
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-4611-COMP

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#1

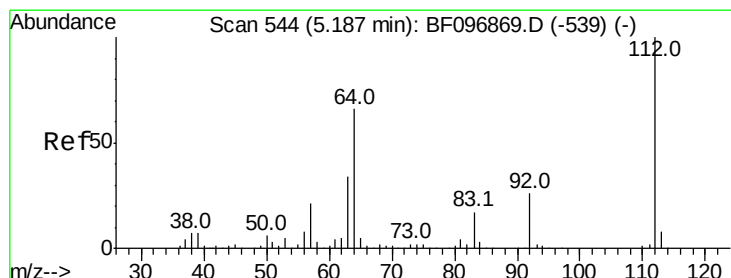
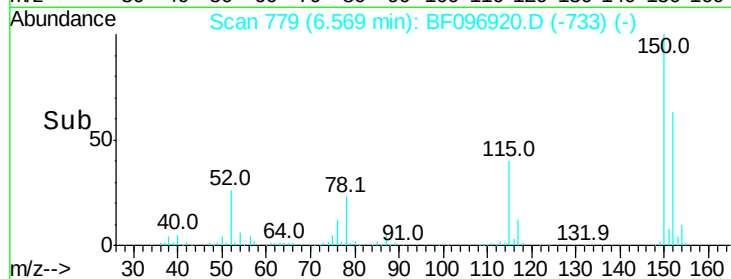
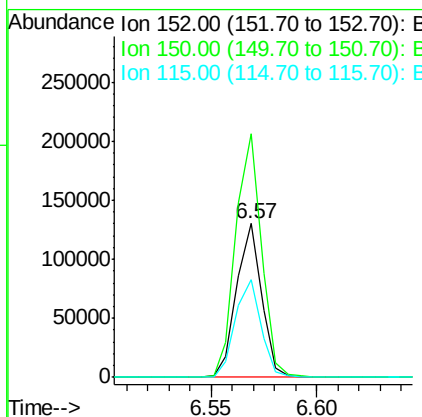
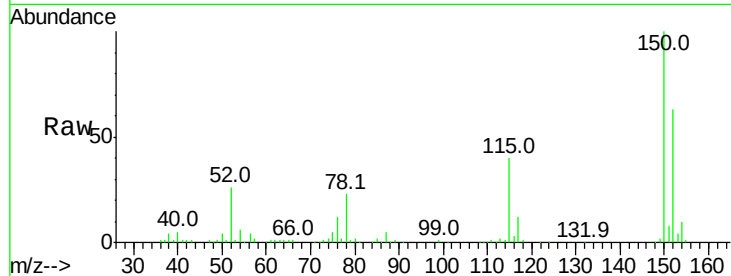
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.57 min Scan# 779
Delta R.T. -0.03 min
Lab File: BF096920.D
Acq: 20 Jul 2017 22:01

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	126.2	189.2
115	63.7	52.2	78.2

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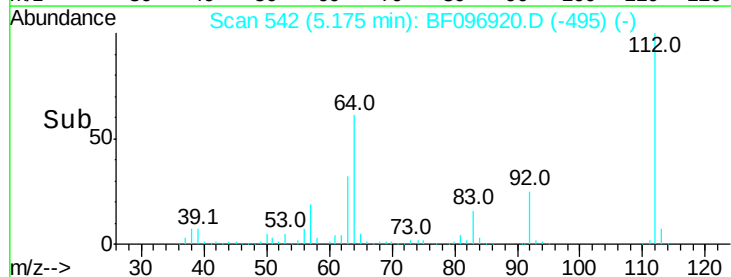
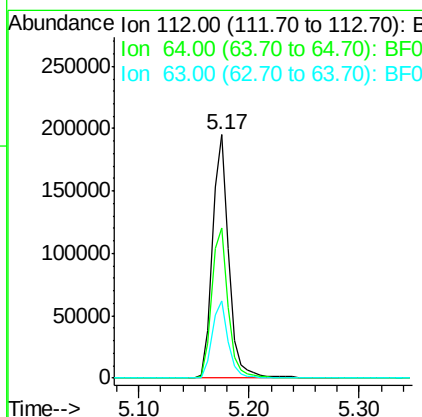
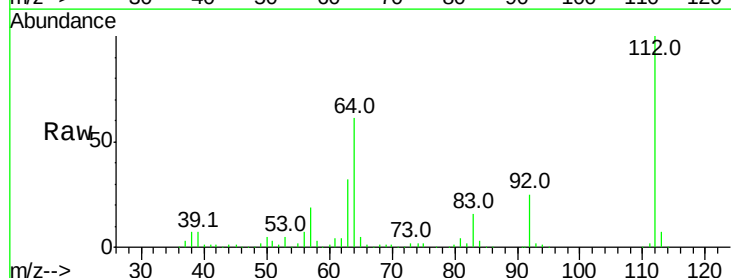
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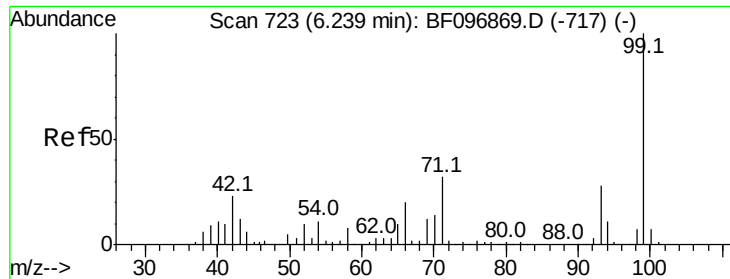


#5

2-Fluorophenol
Concen: 27.760 ng
RT: 5.17 min Scan# 542
Delta R.T. -0.02 min
Lab File: BF096920.D
Acq: 20 Jul 2017 22:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.4	46.0	69.0
63	31.9	23.4	35.0





#7

Phenol-d6

Concen: 75.708 ng

RT: 6.22 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF096920.D

Acq: 20 Jul 2017 22:01

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-4611-COMP

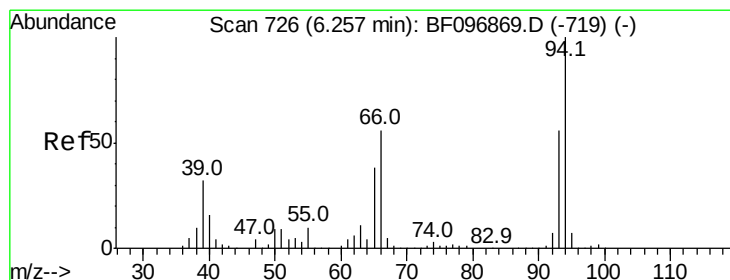
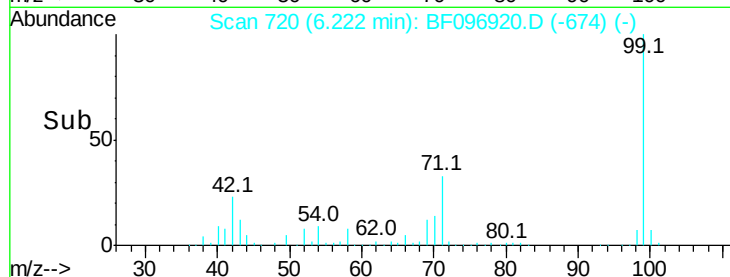
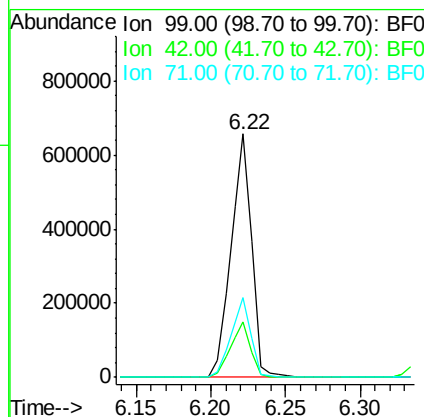
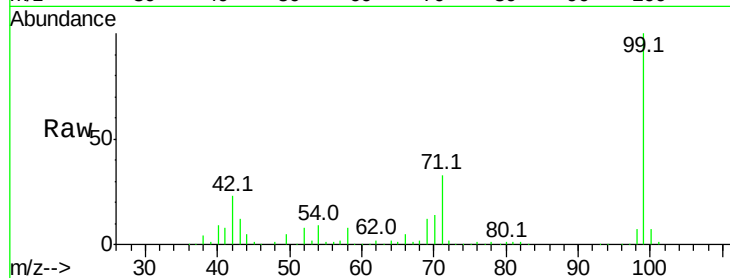
Tot Ion: 99 Resp: 642257

Ion	Ratio	Lower	Upper
99	100		
42	22.7	13.5	20.3#
71	32.6	24.5	36.7

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#10

Phenol

Concen: 2.999 ng

RT: 6.23 min Scan# 722

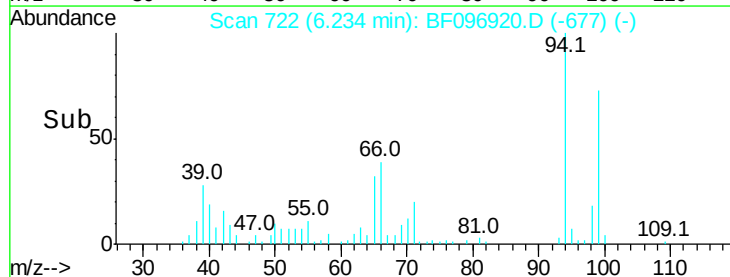
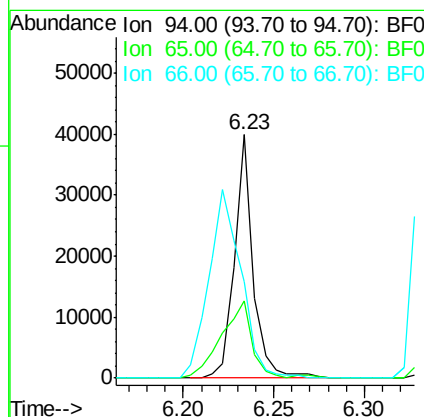
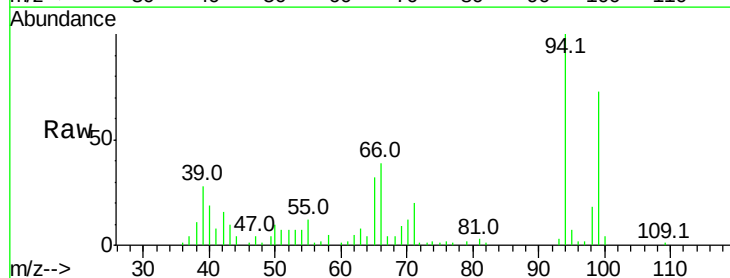
Delta R.T. -0.04 min

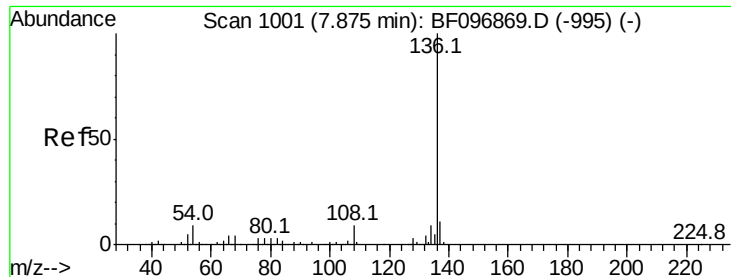
Lab File: BF096920.D

Acq: 20 Jul 2017 22:01

Tgt Ion: 94 Resp: 28758

Ion	Ratio	Lower	Upper
94	100		
65	31.6	9.9	49.9
66	39.5	23.1	63.1





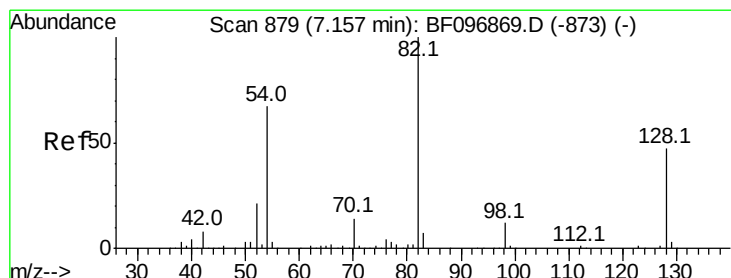
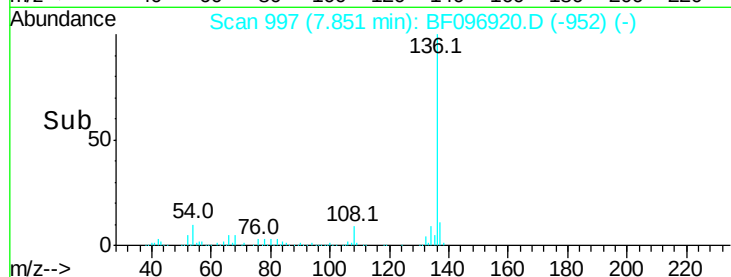
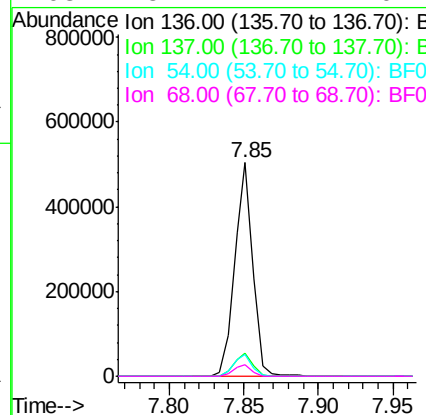
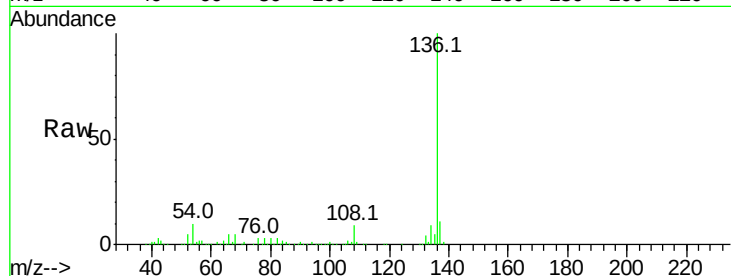
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.85 min Scan# 997
Delta R.T. -0.04 min
Lab File: BF096920.D
Acq: 20 Jul 2017 22:01

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.5	12.7	
54	10.1	4.9	7.3	
68	5.1	4.1	6.1	

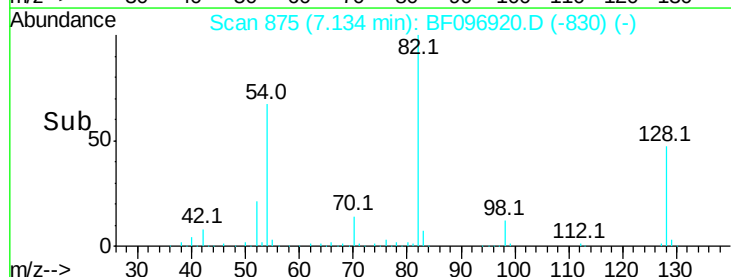
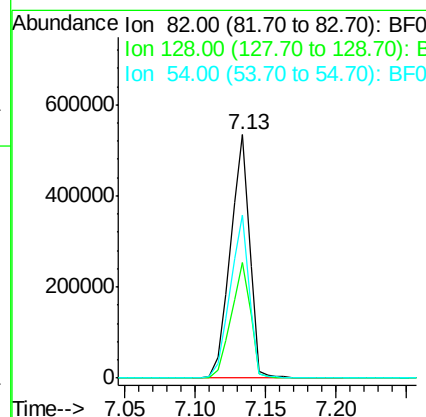
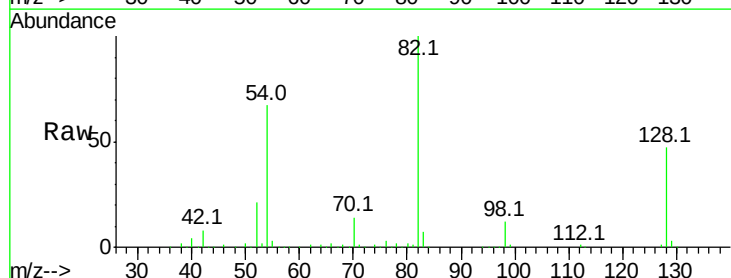
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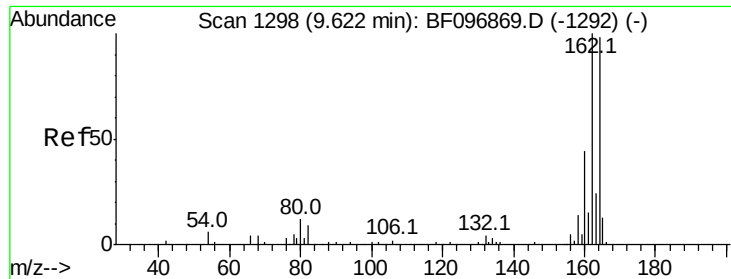
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#23
Nitrobenzene-d5
Concen: 72.454 ng
RT: 7.13 min Scan# 875
Delta R.T. -0.04 min
Lab File: BF096920.D
Acq: 20 Jul 2017 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.3	34.0	51.0	
54	66.9	42.2	63.2	





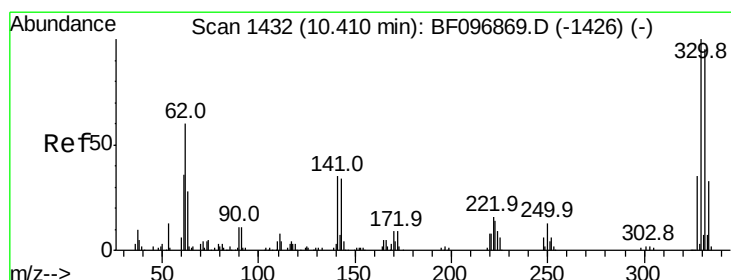
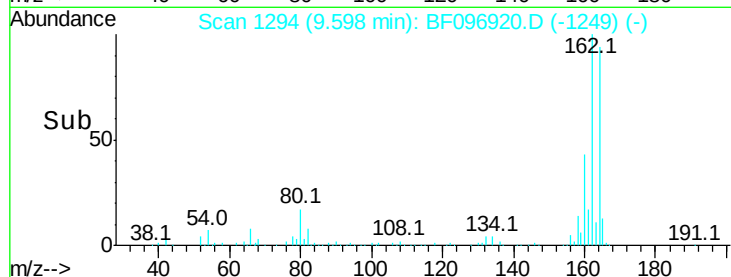
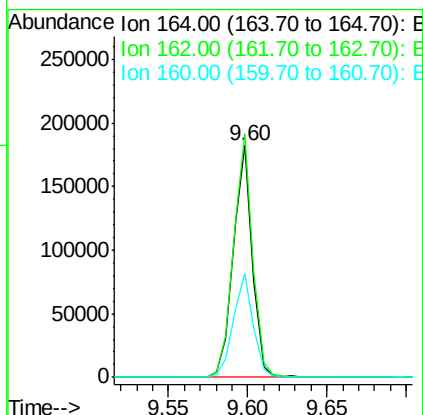
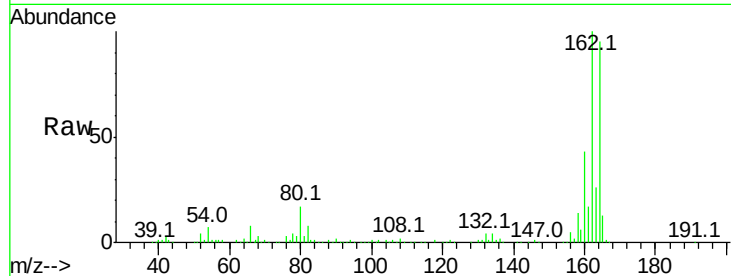
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.60 min Scan# 1294
Delta R.T. -0.04 min
Lab File: BF096920.D
Acq: 20 Jul 2017 22:01

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.6	123.8
160	45.0	36.2	54.2

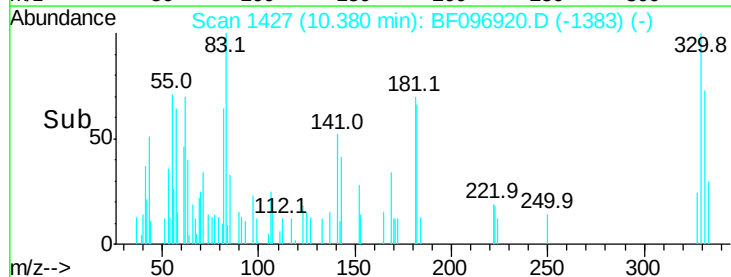
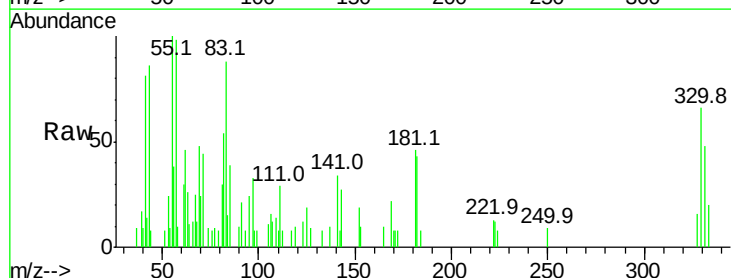
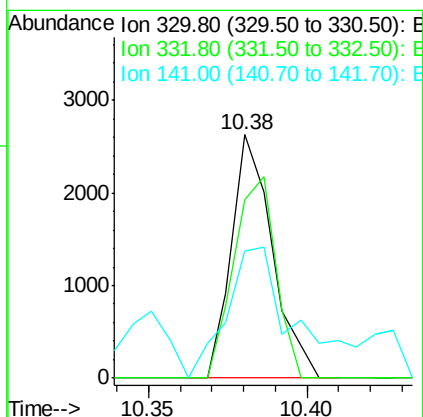
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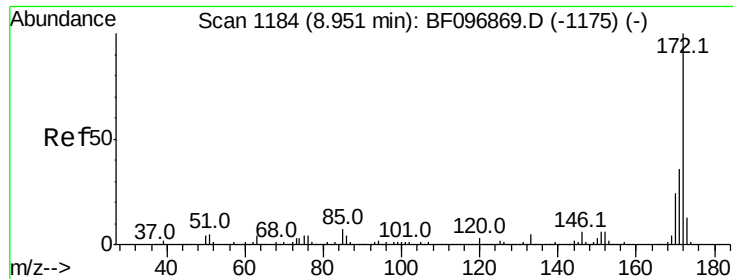
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#41
2,4,6-Tribromophenol
Concen: 1.810 ng
RT: 10.38 min Scan# 1427
Delta R.T. -0.04 min
Lab File: BF096920.D
Acq: 20 Jul 2017 22:01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	84.6	76.6	115.0
141	89.9	31.4	47.2





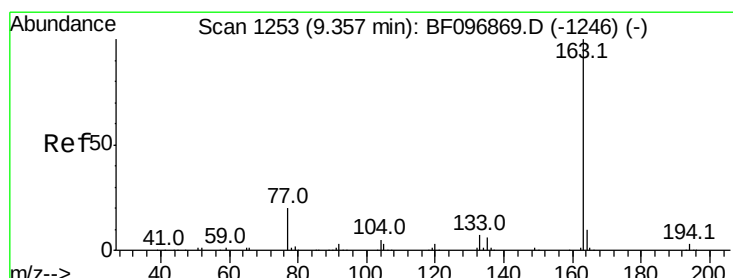
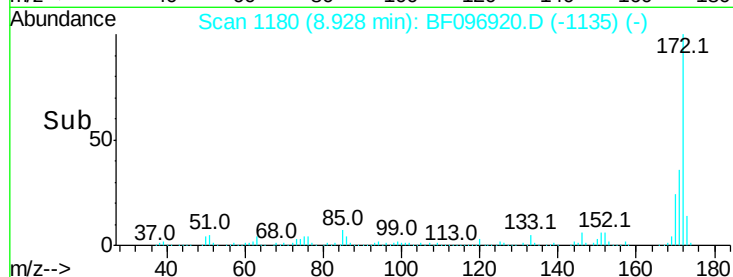
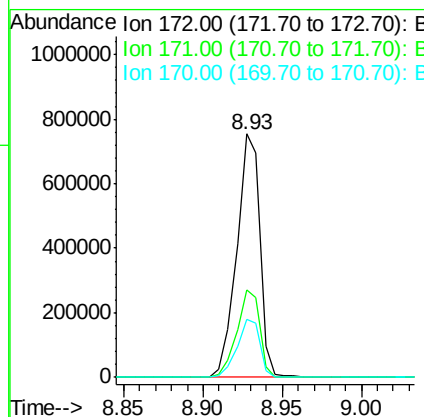
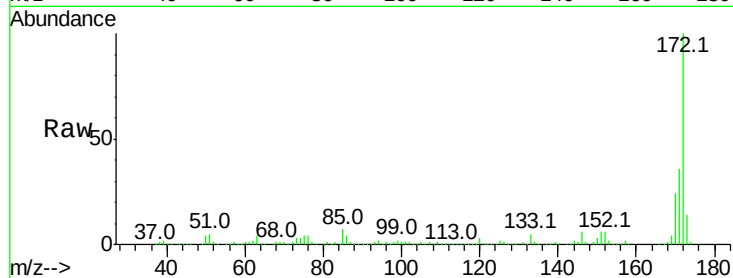
#44
2-Fluorobiphenyl
Concen: 79.491 ng
RT: 8.93 min Scan# 1180
Delta R.T. -0.04 min
Lab File: BF096920.D
Acq: 20 Jul 2017 22:01

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

Tot Ion	Ratio	Resp	Lower	Upper
172	100	763133		
171	36.2		29.6	44.4
170	24.1		19.8	29.8

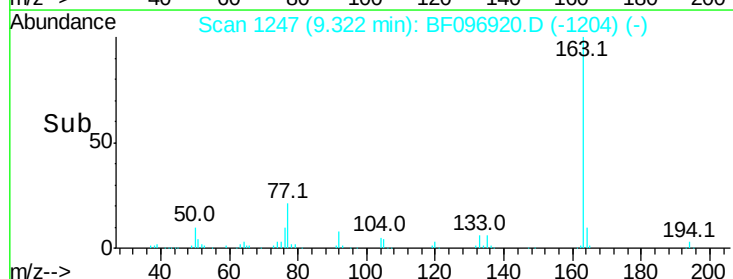
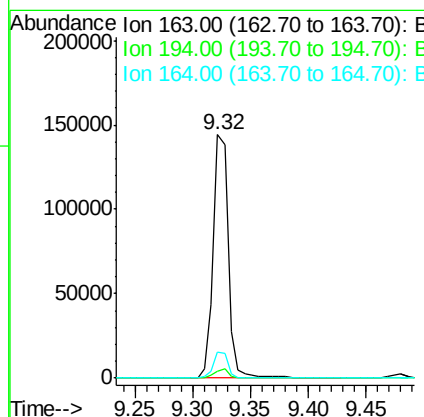
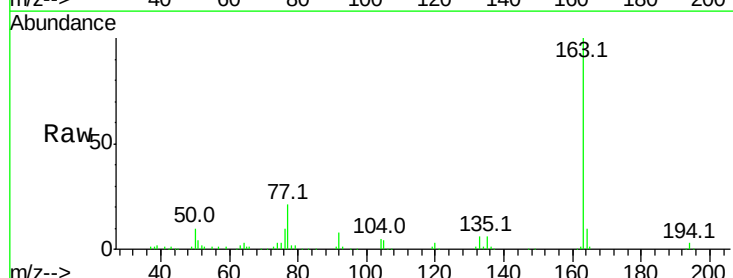
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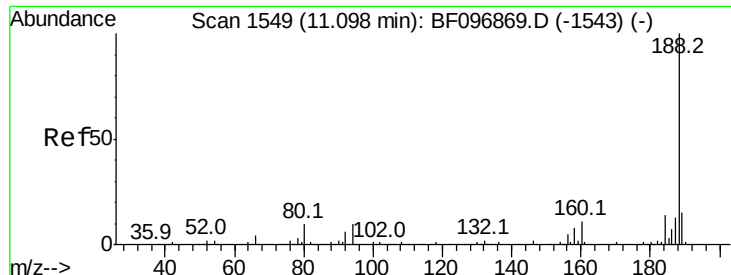
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#49
Dimethylphthalate
Concen: 11.590 ng
RT: 9.32 min Scan# 1247
Delta R.T. -0.05 min
Lab File: BF096920.D
Acq: 20 Jul 2017 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	132371		
194	3.0		2.6	4.0
164	10.5		8.4	12.6





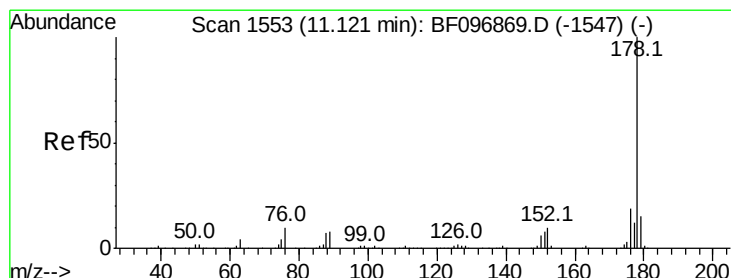
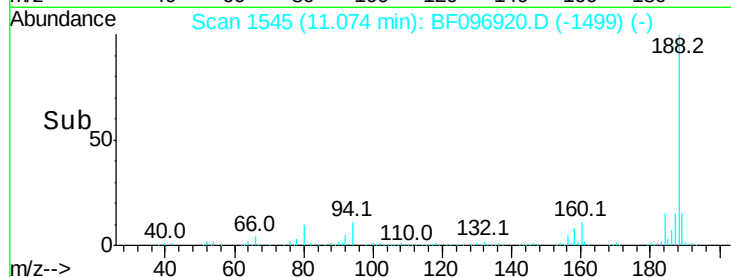
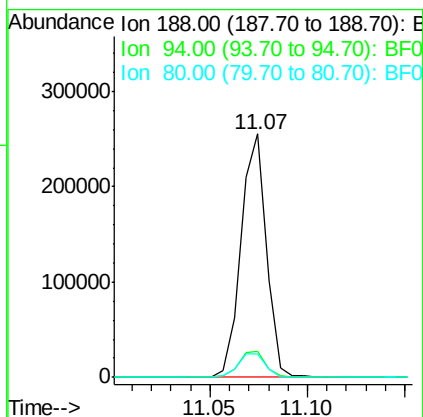
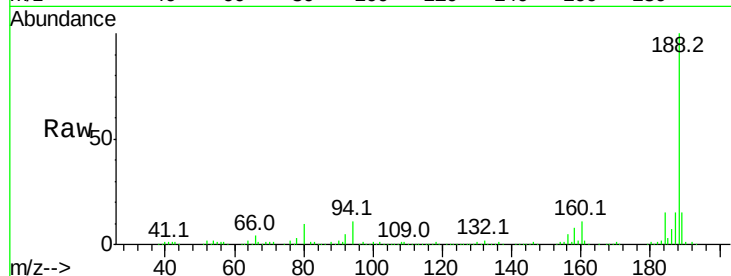
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.07 min Scan# 1545
 Delta R.T. -0.03 min
 Lab File: BF096920.D
 Acq: 20 Jul 2017 22:01

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

Tot Ion	Ratio	Resp	Lower	Upper
188	100	229999		
94	10.7		9.4	14.2
80	9.9		10.2	15.2#

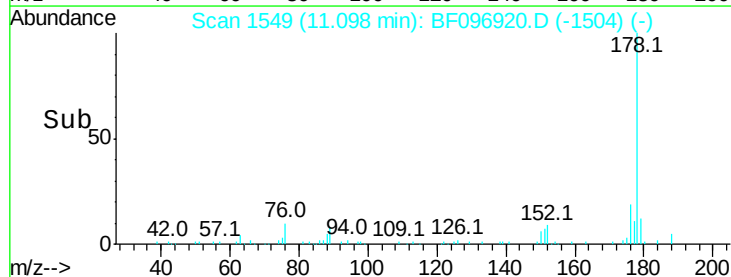
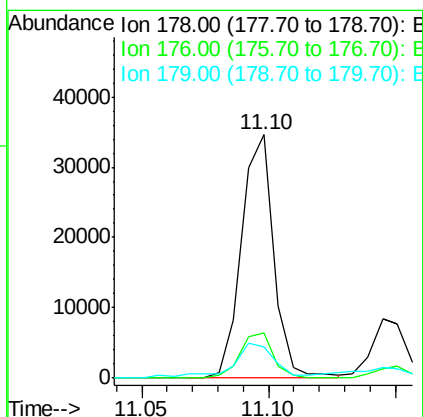
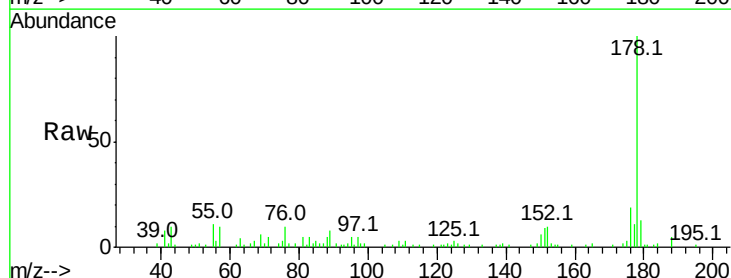
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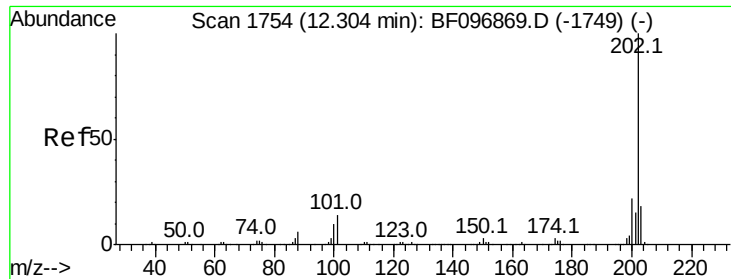
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#70
 Phenanthrene
 Concen: 2.455 ng
 RT: 11.10 min Scan# 1549
 Delta R.T. -0.04 min
 Lab File: BF096920.D
 Acq: 20 Jul 2017 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	30708		
176	18.6		16.2	24.4
179	13.0		12.6	19.0





#74

Fluoranthene

Concen: 6.046 ng

RT: 12.28 min Scan# 1750

Delta R.T. -0.04 min

Lab File: BF096920.D

Acq: 20 Jul 2017 22:01

Instrument :

BNA_F

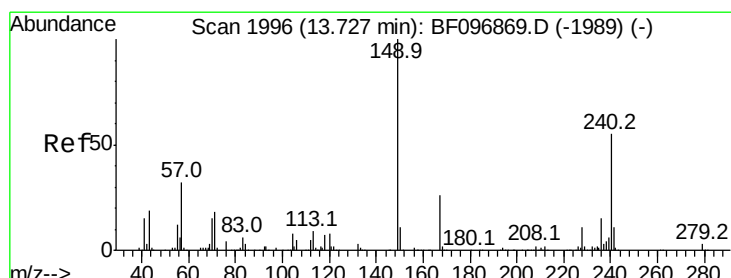
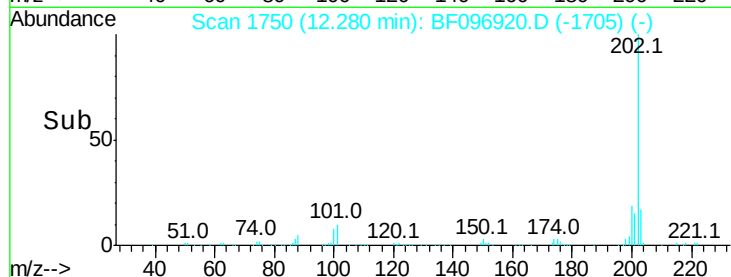
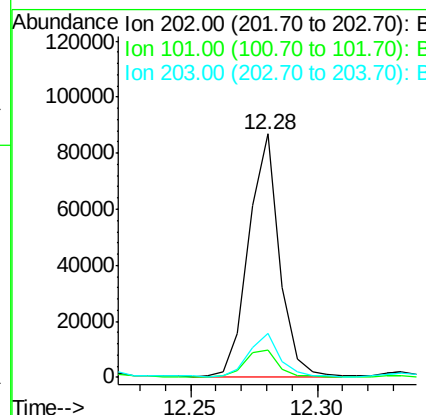
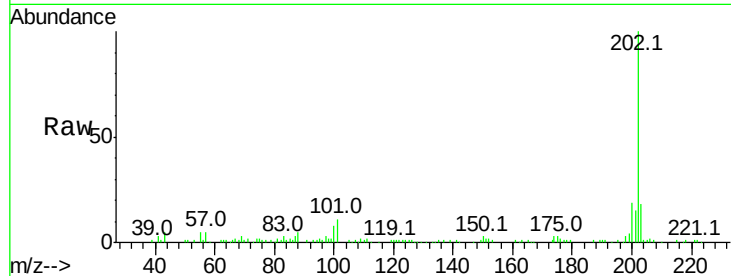
ClientSampleId :

ROLL-OFF-4611-COMPRES

Tot Ion:	202	Resp:	72373
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	33.2
203	17.8	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

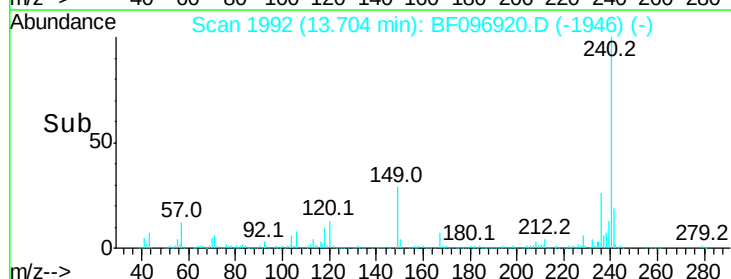
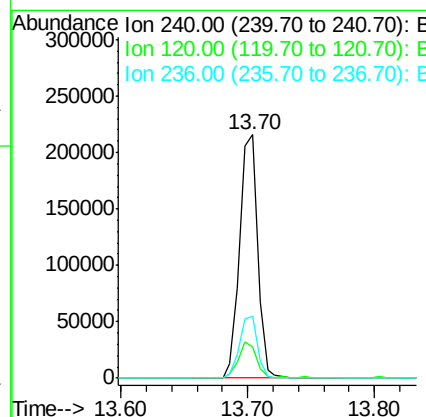
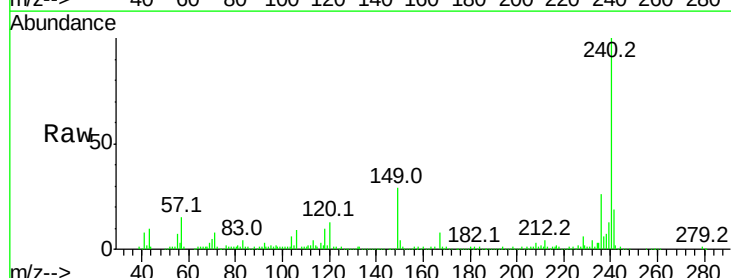
RT: 13.70 min Scan# 1992

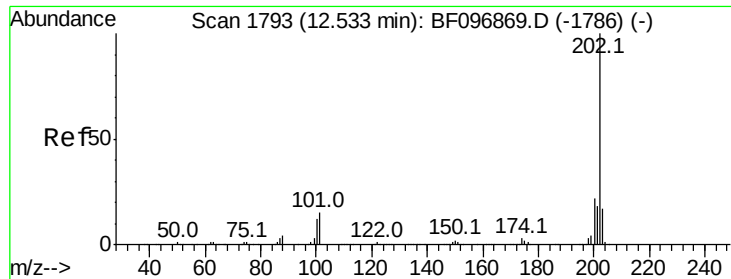
Delta R.T. -0.03 min

Lab File: BF096920.D

Acq: 20 Jul 2017 22:01

Tgt Ion:	240	Resp:	211073
Ion Ratio	Lower	Upper	
240	100		
120	13.0	5.8	8.8#
236	25.6	20.5	30.7





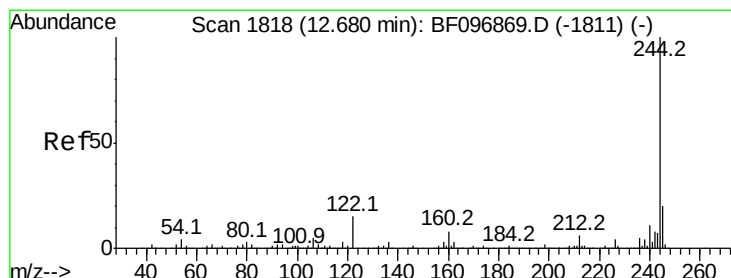
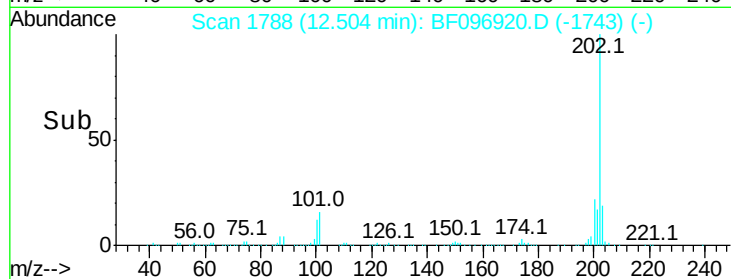
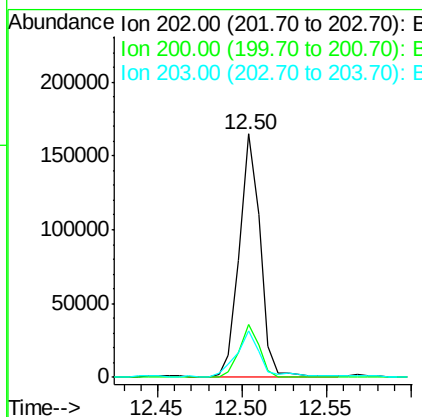
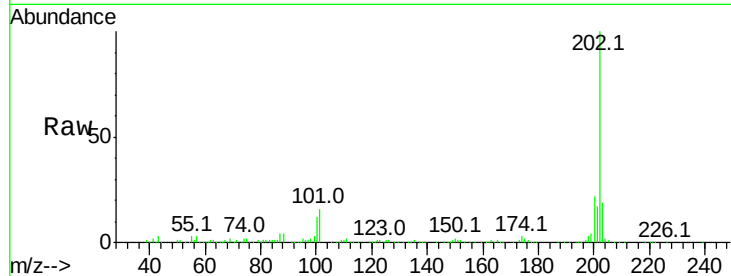
#77
Pvrene
Concen: 7.360 ng
RT: 12.50 min Scan# 1788
Delta R.T. -0.04 min
Lab File: BF096920.D
Acq: 20 Jul 2017 22:01

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

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.6	26.4
203	18.9	14.4	21.6

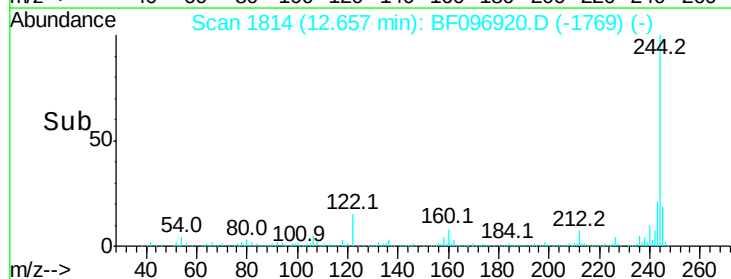
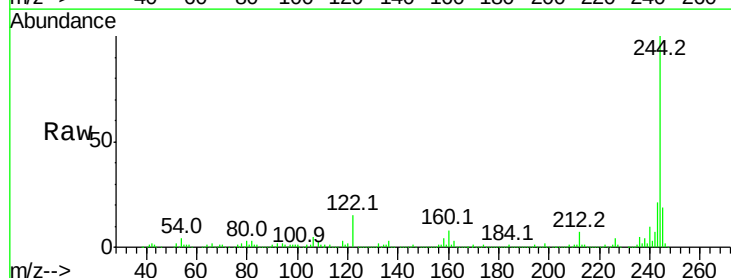
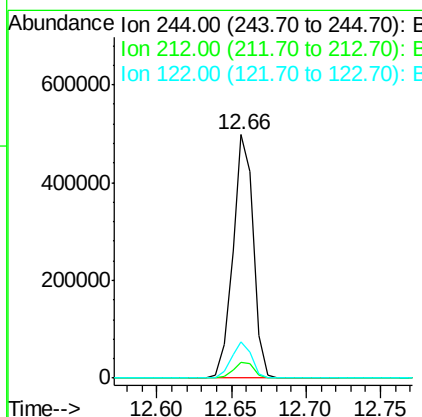
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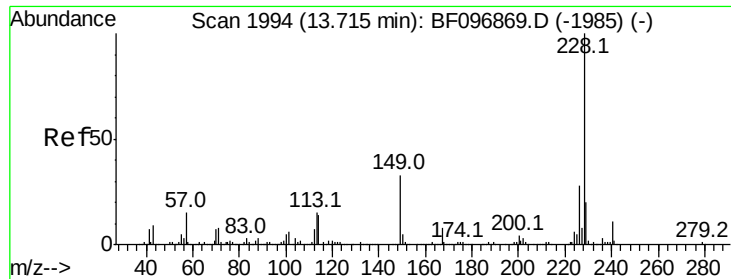
Sohil
7/21/2017 1:05:53 PM



#78
Terphenyl-d14
Concen: 39.272 ng
RT: 12.66 min Scan# 1814
Delta R.T. -0.04 min
Lab File: BF096920.D
Acq: 20 Jul 2017 22:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	14.8	10.3	15.5





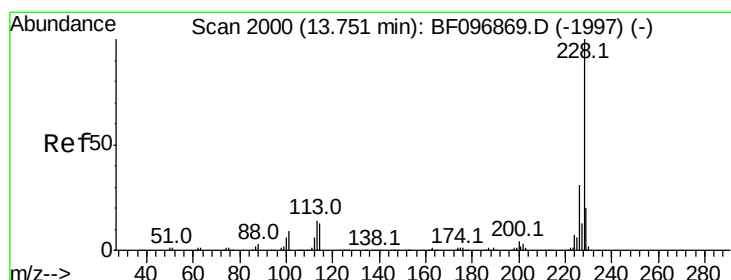
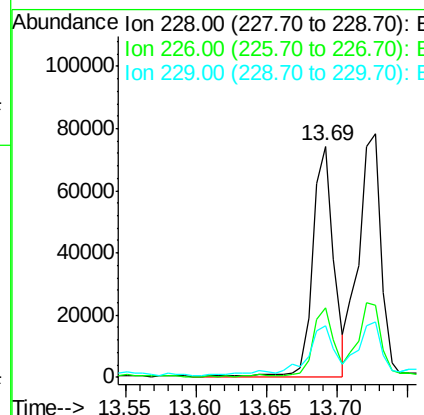
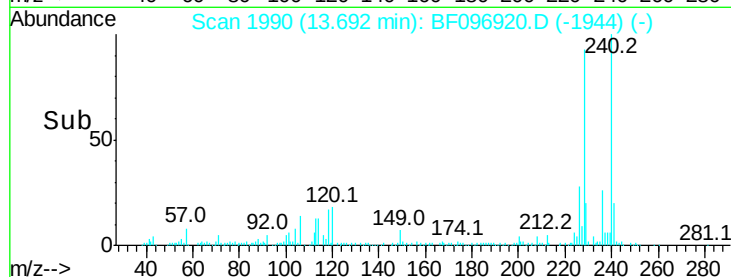
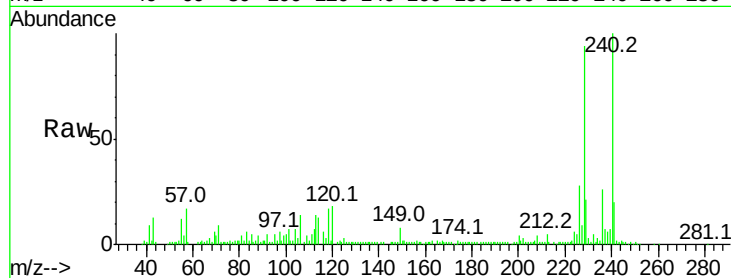
#80
Benzo(a)anthracene
Concen: 5.848 ng
RT: 13.69 min Scan# 1990
Delta R.T. -0.03 min
Lab File: BF096920.D
Acq: 20 Jul 2017 22:01

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.6	33.8
229	22.4	16.3	24.5

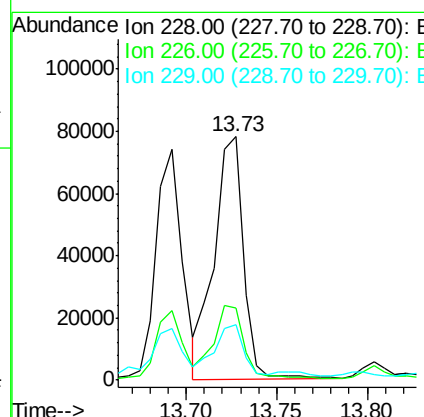
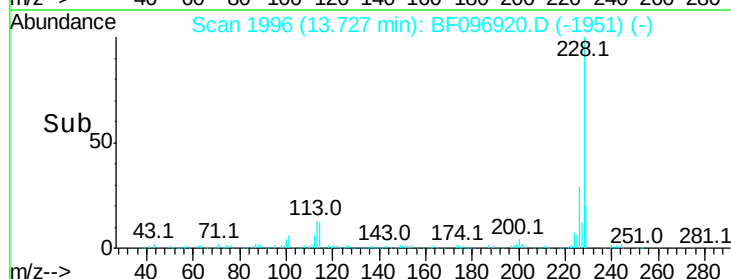
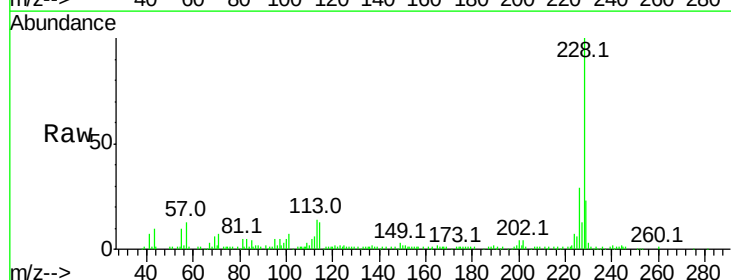
Manual Integrations
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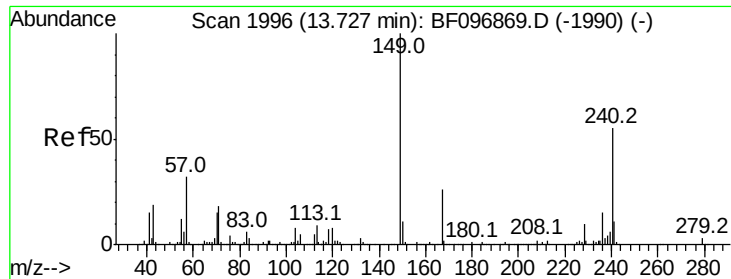
Sohil
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#82
Chrysene
Concen: 6.807 ng
RT: 13.73 min Scan# 1996
Delta R.T. -0.04 min
Lab File: BF096920.D
Acq: 20 Jul 2017 22:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.9	37.3
229	22.5	15.8	23.6





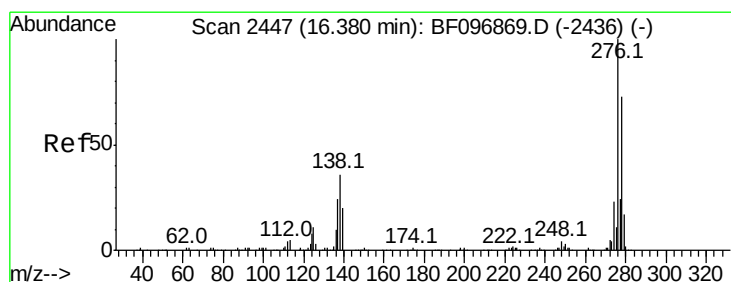
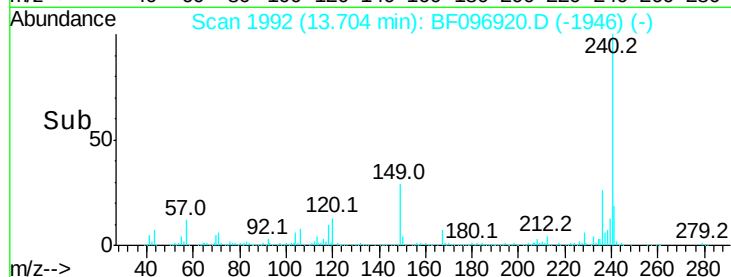
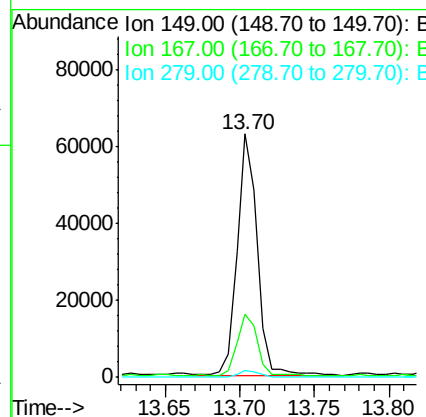
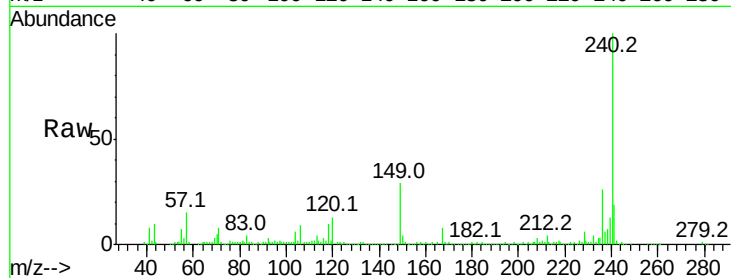
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.347 ng
 RT: 13.70 min Scan# 1992
 Delta R.T. -0.03 min
 Lab File: BF096920.D
 Acq: 20 Jul 2017 22:01

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

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.0	31.4
279	3.0	1.9	2.9#

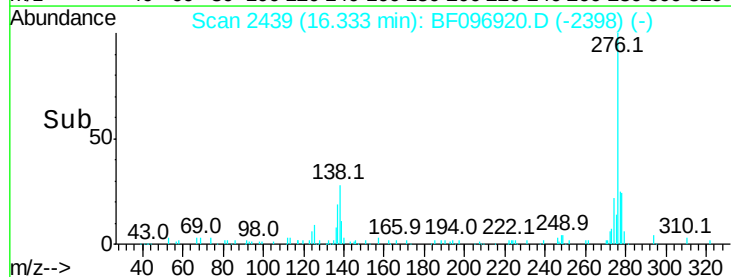
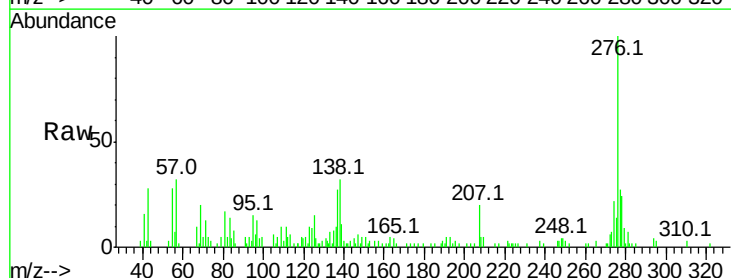
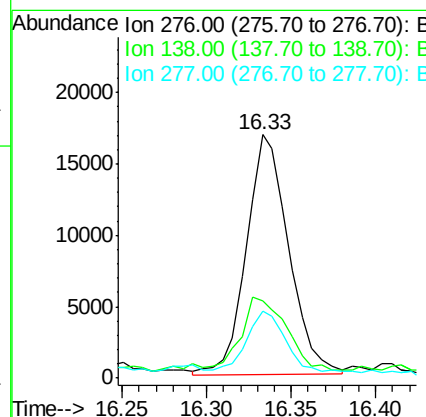
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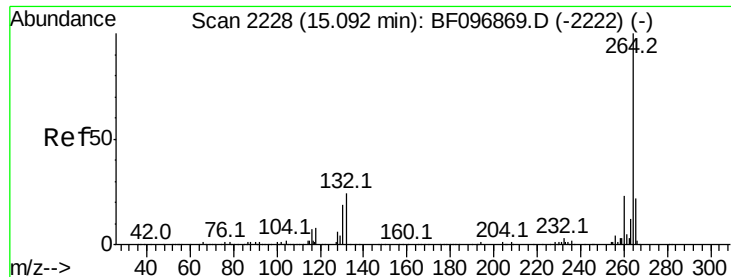
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#85
 Indeno(1,2,3-cd)pyrene
 Concen: 5.692 ng
 RT: 16.33 min Scan# 2439
 Delta R.T. -0.06 min
 Lab File: BF096920.D
 Acq: 20 Jul 2017 22:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.8	27.8	41.6
277	24.3	20.2	30.4





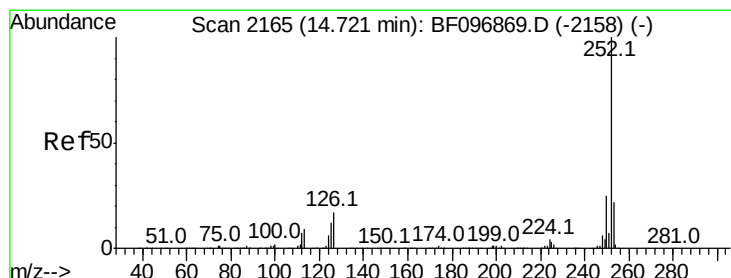
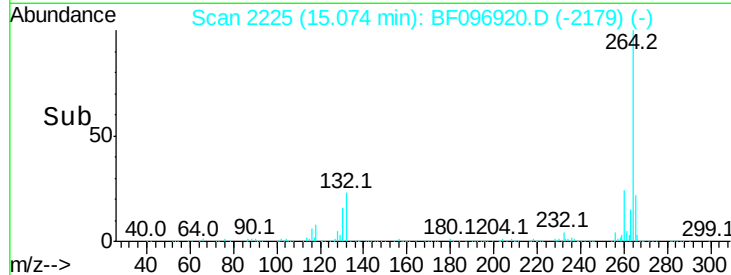
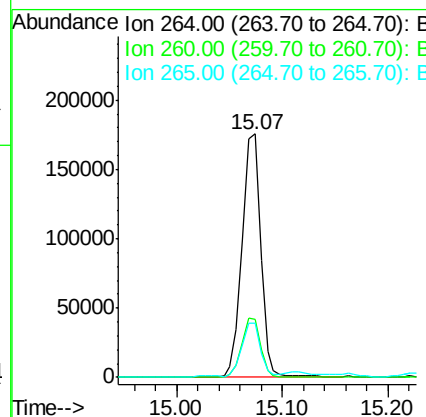
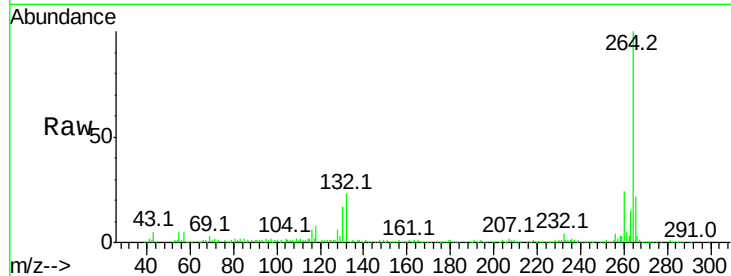
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.07 min Scan# 2225
Delta R.T. -0.03 min
Lab File: BF096920.D
Acq: 20 Jul 2017 22:01

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	22.1	17.2	25.8

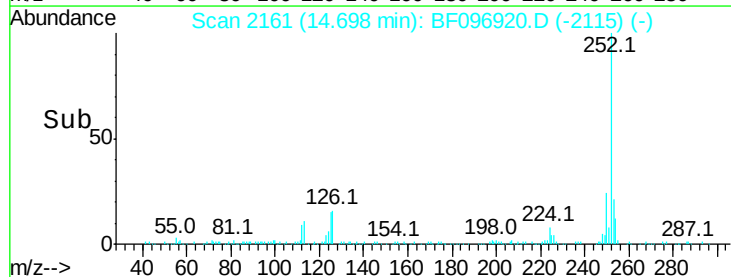
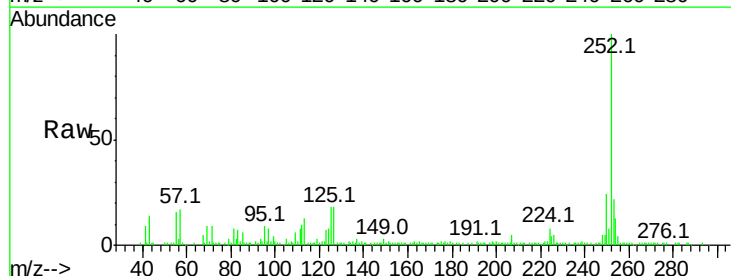
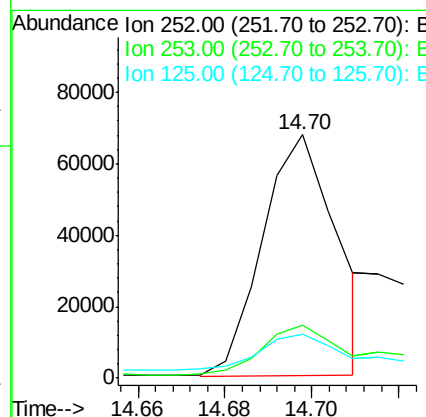
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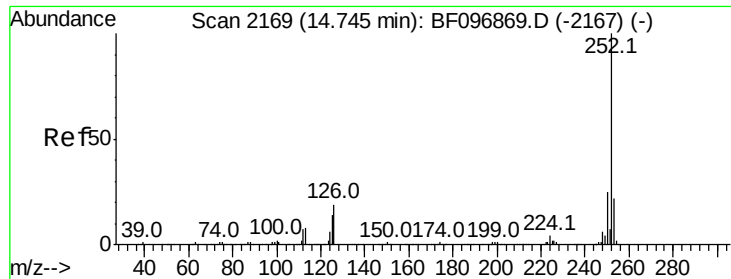
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#87
Benzo(b)fluoranthene
Concen: 6.167 ng m
RT: 14.70 min Scan# 2161
Delta R.T. -0.03 min
Lab File: BF096920.D
Acq: 20 Jul 2017 22:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	18.1	9.8	14.8#





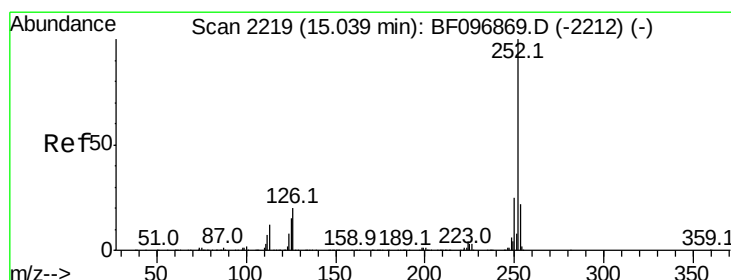
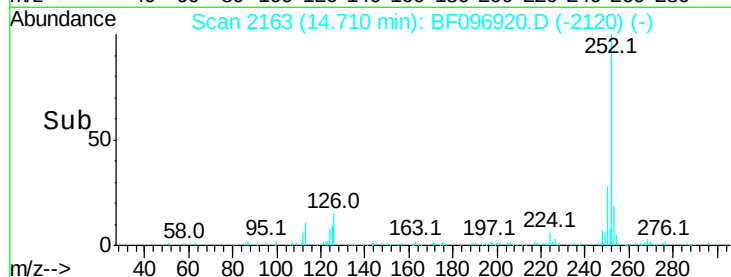
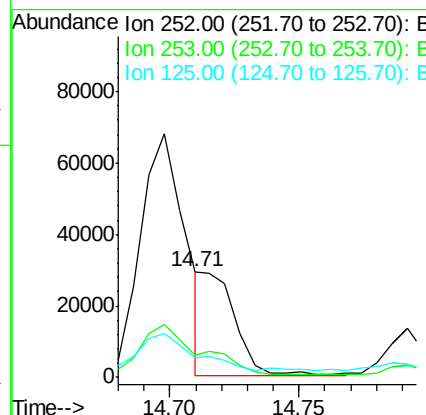
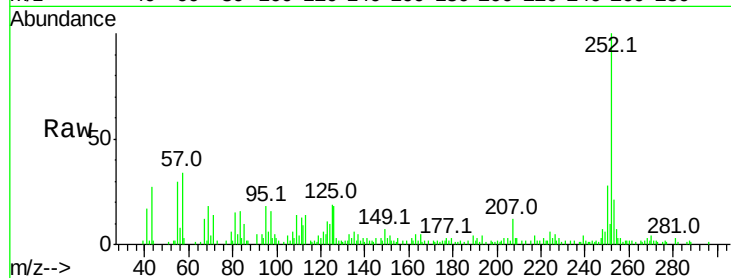
#88
Benzo(k)fluoranthene
Concen: 2.108 ng m
RT: 14.71 min Scan# 2163
Delta R.T. -0.05 min
Lab File: BF096920.D
Acq: 20 Jul 2017 22:01

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.7	18.4	27.6
125	18.9	13.1	19.7

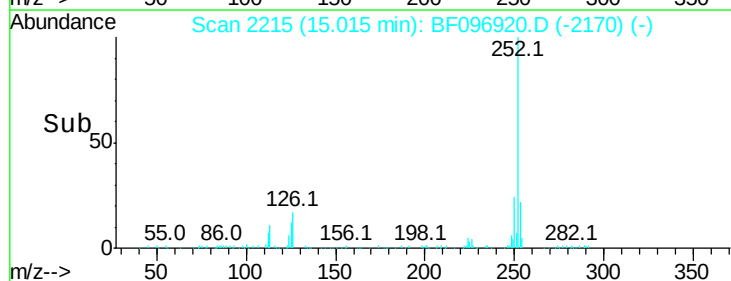
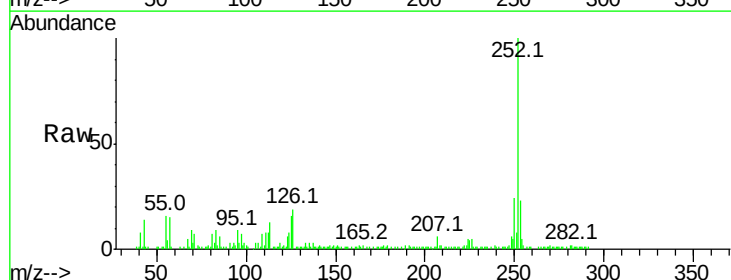
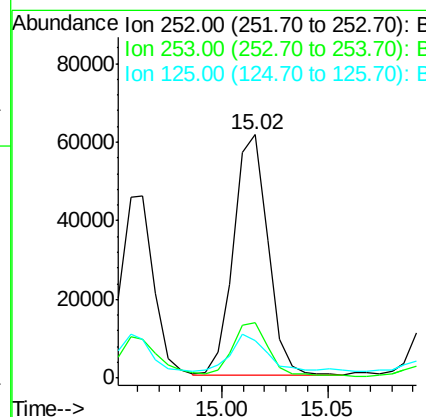
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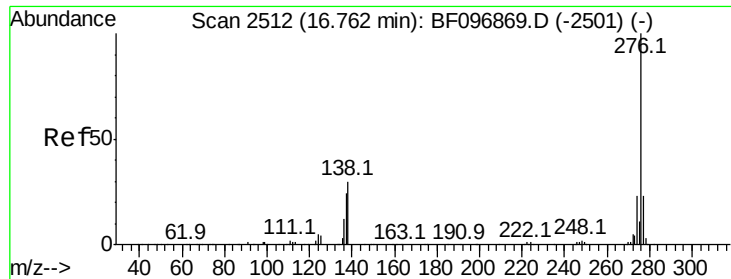
Sohil
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#89
Benzo(a)pyrene
Concen: 5.775 ng
RT: 15.02 min Scan# 2215
Delta R.T. -0.04 min
Lab File: BF096920.D
Acq: 20 Jul 2017 22:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	15.6	11.0	16.4





#91
 Benzo(a,h,i)perylene
 Concen: 2.880 ng
 RT: 16.72 min Scan# 2504
 Delta R.T. -0.06 min
 Lab File: BF096920.D
 Acq: 20 Jul 2017 22:01

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

Tot Ion:	276	Resp:	33900
Ion Ratio	Lower	Upper	
276	100		
277	22.3	18.6	28.0
138	31.3	25.4	38.0

Manual Integrations
 APPROVED

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 7/21/2017 1:05:53 PM

