

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
 Data File : BF096914.D
 Acq On : 20 Jul 2017 19:12
 Operator : SJ/JU
 Sample : I4308-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-071917

Manual Integrations
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Sohil
 7/21/2017 1:05:51 PM

Quant Time: Jul 21 07:22:20 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	105205	20.00	ng	-0.03
21) Naphthalene-d8	7.85	136	484932	20.00	ng	-0.04
38) Acenaphthene-d10	9.60	164	182336	20.00	ng	-0.04
63) Phenanthrene-d10	11.07	188	312705	20.00	ng	-0.03
75) Chrysene-d12	13.70	240	192817	20.00	ng	-0.04
86) Perylene-d12	15.07	264	190161	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	641409	91.67	ng	-0.02
7) Phenol-d6	6.23	99	771239	91.85	ng	-0.02
23) Nitrobenzene-d5	7.13	82	475066	60.68	ng	-0.04
41) 2,4,6-Tribromophenol	10.39	330	158995	102.16	ng	-0.04
44) 2-Fluorobiphenyl	8.93	172	814709	70.59	ng	-0.03
78) Terphenyl-d14	12.66	244	498832	44.87	ng	-0.03
Target Compounds						
10) Phenol	6.23	94	19248	2.028	ng	Qvalue # 57
49) Dimethylphthalate	9.33	163	176163	12.831	ng	98
74) Fluoranthene	12.28	202	50342	3.093	ng	97
77) Pyrene	12.50	202	47697	2.726	ng	99
80) Benzo(a)anthracene	13.69	228	27429m	2.283	ng	
82) Chrysene	13.72	228	28743	2.430	ng	98
85) Indeno(1,2,3-cd)pyrene	16.33	276	18115m	4.920	ng	
87) Benzo(b)fluoranthene	14.70	252	40012m	3.489	ng	
89) Benzo(a)pyrene	15.01	252	29492	2.804	ng	# 90

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

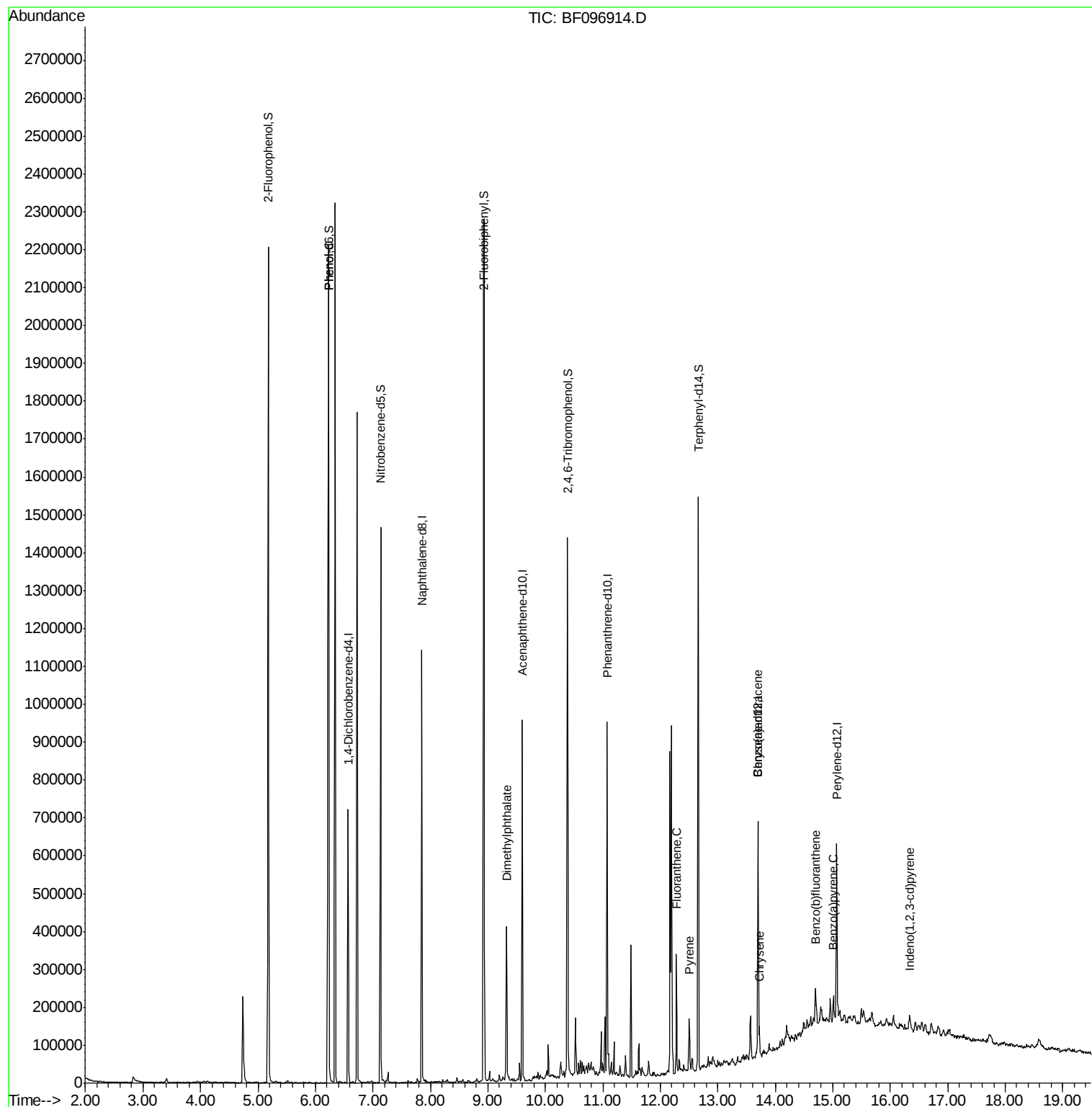
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
Data File : BF096914.D
Acq On : 20 Jul 2017 19:12
Operator : SJ/JU
Sample : I4308-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

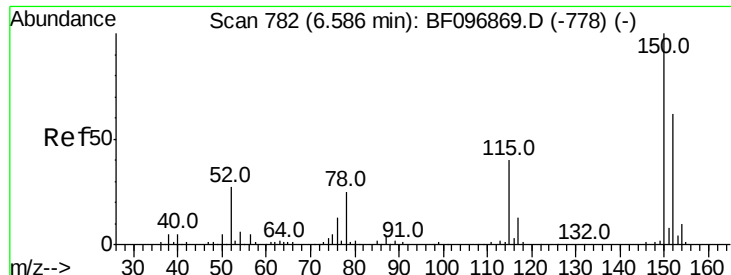
Instrument :
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ClientSampleId :
NB-08-071917

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#1

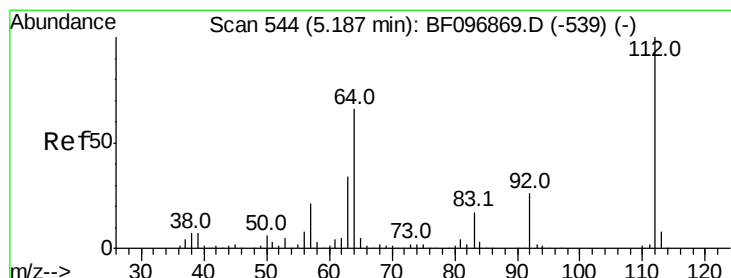
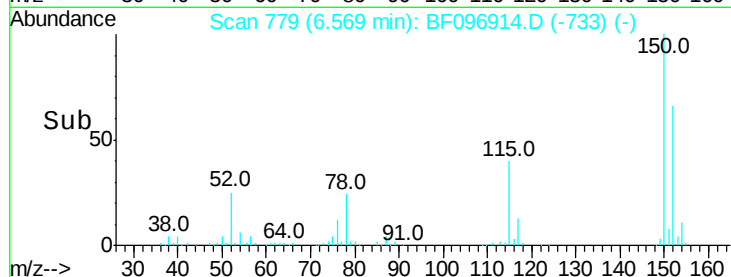
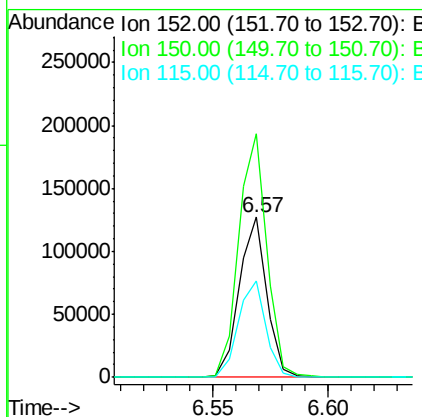
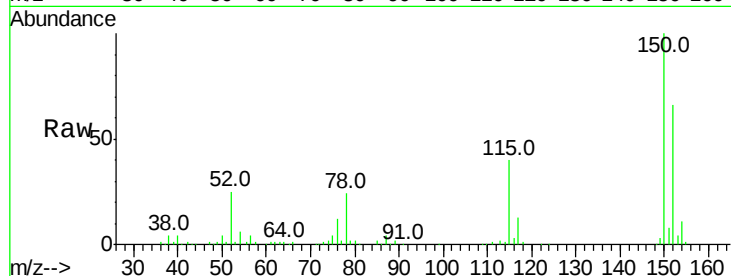
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.57 min Scan# 779
Delta R.T. -0.03 min
Lab File: BF096914.D
Acq: 20 Jul 2017 19:12

Instrument :
BNA_F
ClientSampled :
NB-08-071917

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	126.2	189.2
115	60.3	52.2	78.2

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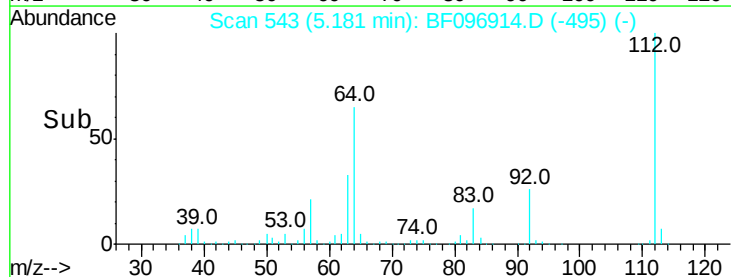
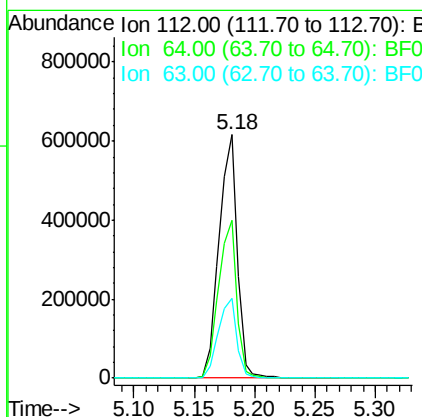
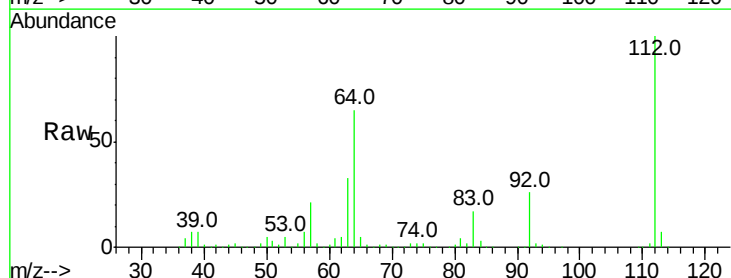
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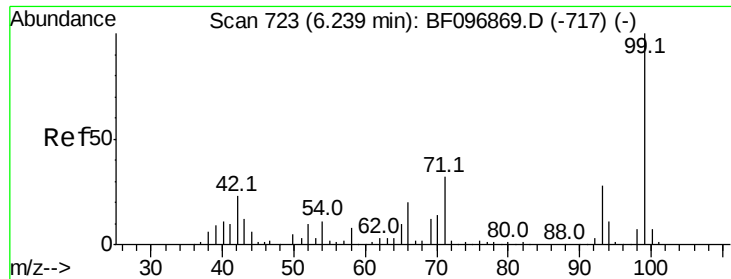


#5

2-Fluorophenol
Concen: 91.670 ng
RT: 5.18 min Scan# 543
Delta R.T. -0.02 min
Lab File: BF096914.D
Acq: 20 Jul 2017 19:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.7	46.0	69.0
63	32.7	23.4	35.0





#7

Phenol-d6

Concen: 91.852 ng

RT: 6.23 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096914.D

Acq: 20 Jul 2017 19:12

Instrument :

BNA_F

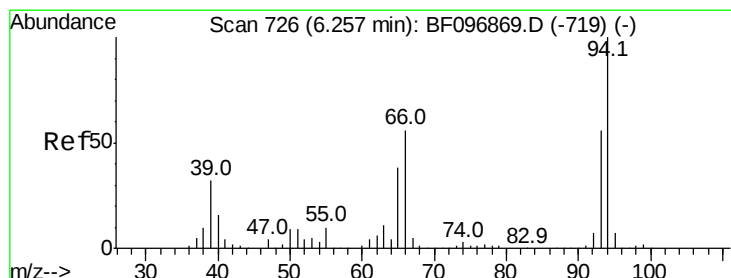
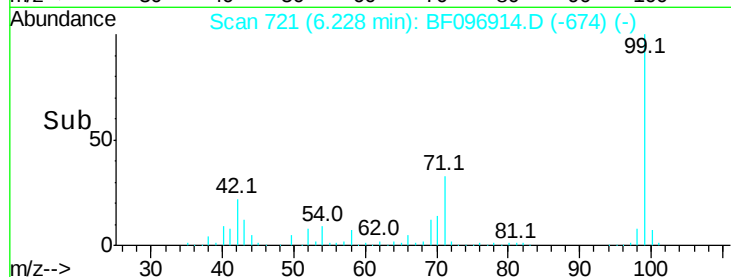
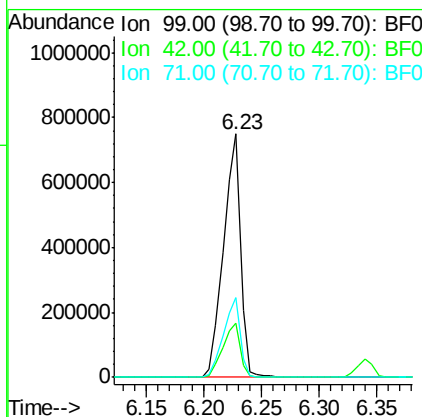
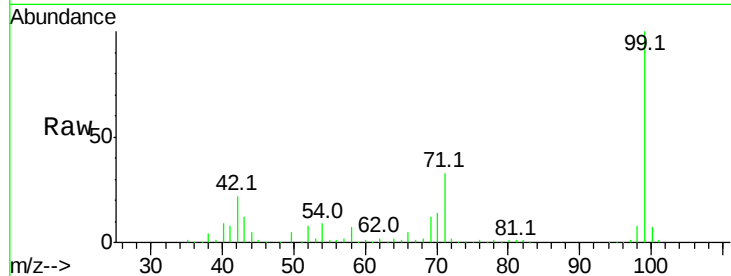
ClientSampled :

NB-08-071917

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		771239		
42	22.3	13.5	20.3#		
71	32.7	24.5	36.7		

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#10

Phenol

Concen: 2.028 ng

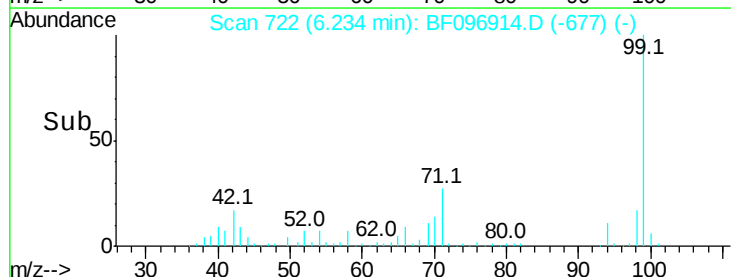
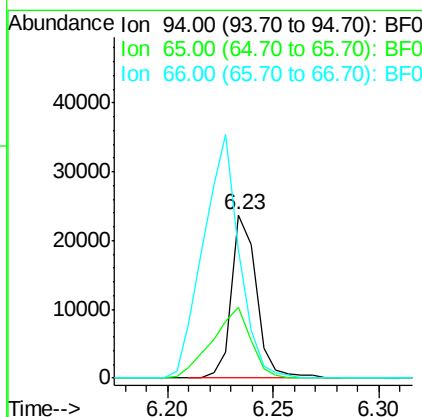
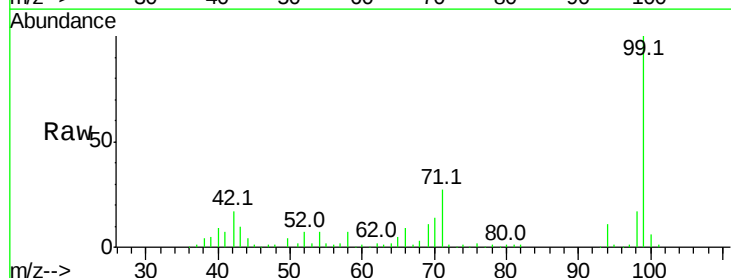
RT: 6.23 min Scan# 722

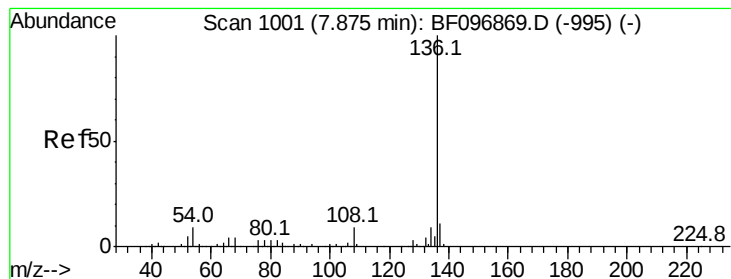
Delta R.T. -0.04 min

Lab File: BF096914.D

Acq: 20 Jul 2017 19:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		19248		
65	43.6	9.9	49.9		
66	78.6	23.1	63.1#		





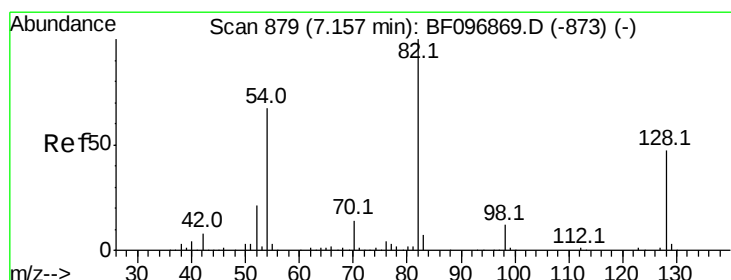
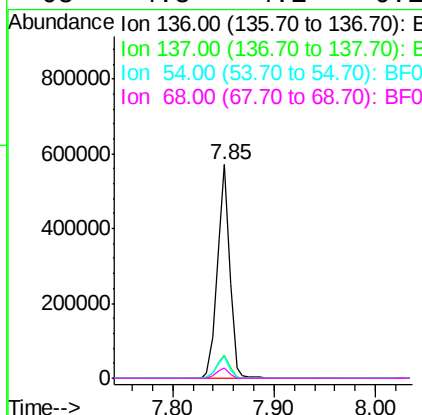
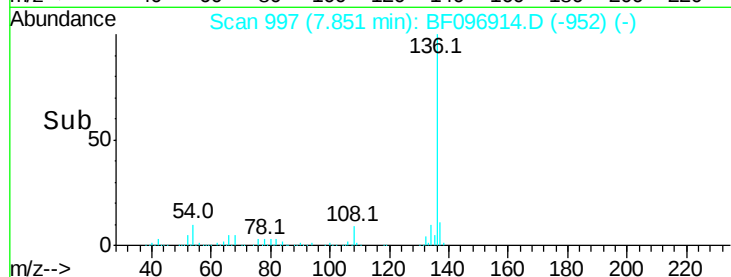
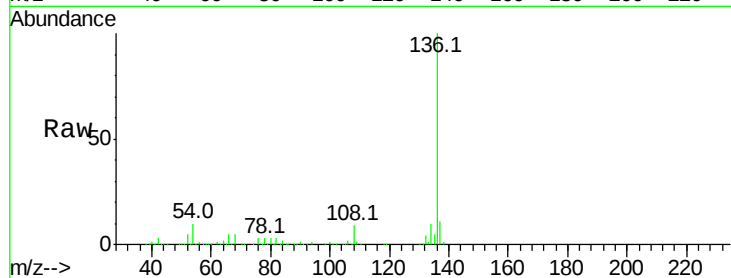
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.85 min Scan# 997
Delta R.T. -0.04 min
Lab File: BF096914.D
Acq: 20 Jul 2017 19:12

Instrument :
BNA_F
ClientSampleId :
NB-08-071917

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.5	12.7	
54	10.4	4.9	7.3#	
68	4.8	4.1	6.1	

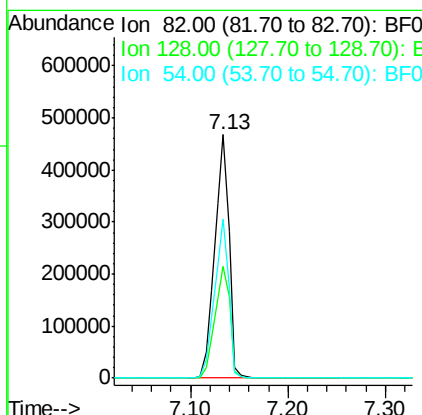
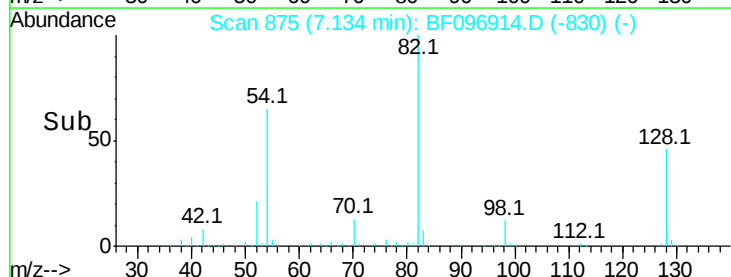
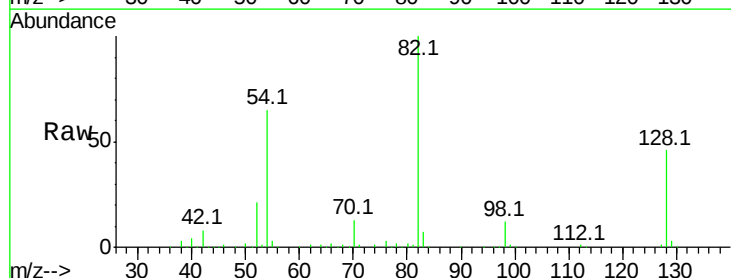
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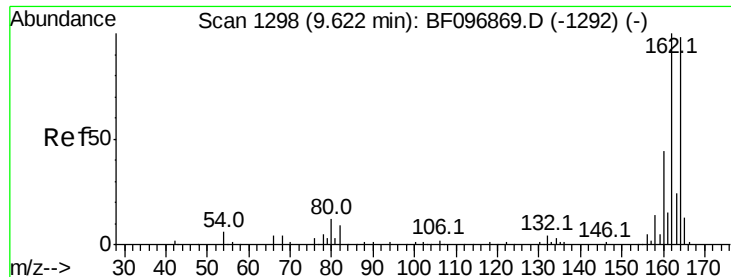
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#23
Nitrobenzene-d5
Concen: 60.681 ng
RT: 7.13 min Scan# 875
Delta R.T. -0.04 min
Lab File: BF096914.D
Acq: 20 Jul 2017 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.9	34.0	51.0	
54	65.3	42.2	63.2#	





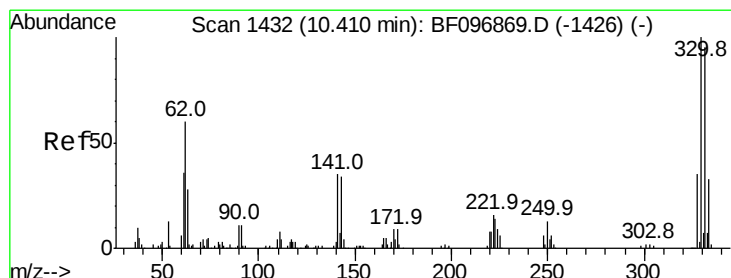
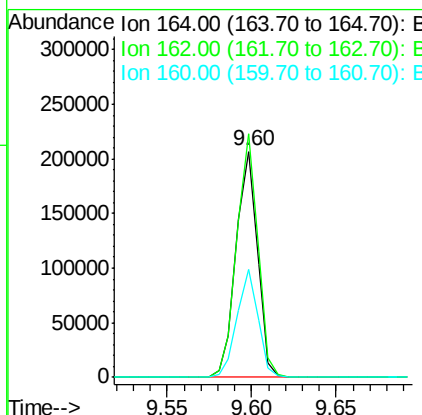
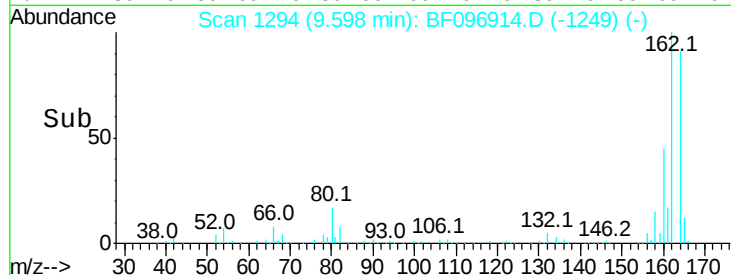
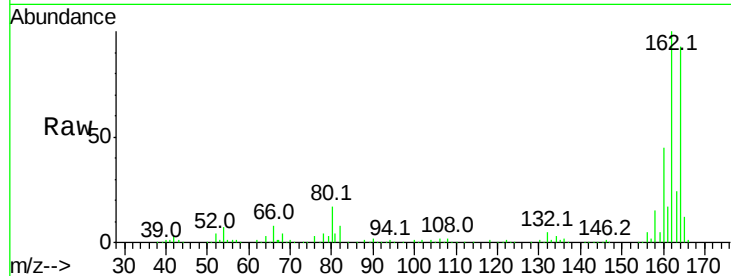
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.60 min Scan# 1294
Delta R.T. -0.04 min
Lab File: BF096914.D
Acq: 20 Jul 2017 19:12

Instrument :
BNA_F
ClientSampleId :
NB-08-071917

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	107.7	82.6	123.8	
160	47.9	36.2	54.2	

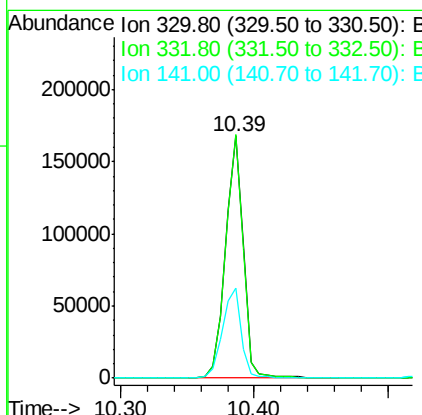
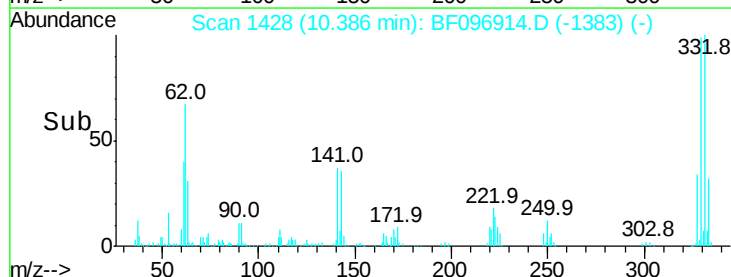
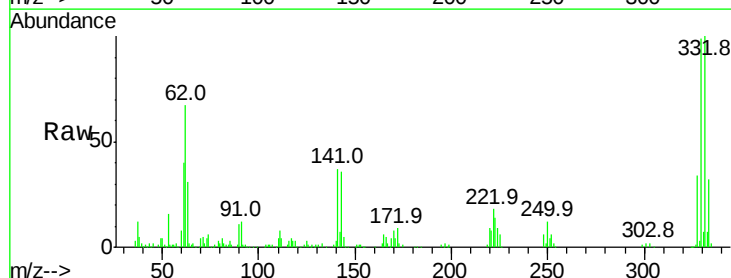
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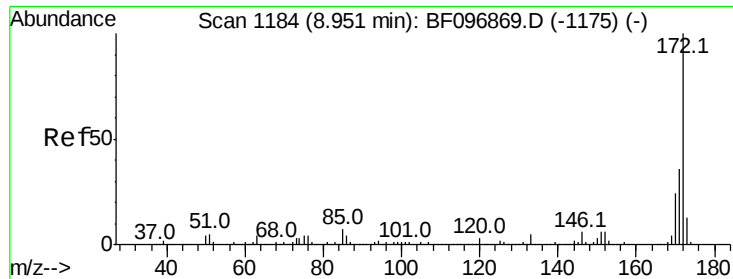
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#41
2,4,6-Tribromophenol
Concen: 102.156 ng
RT: 10.39 min Scan# 1428
Delta R.T. -0.04 min
Lab File: BF096914.D
Acq: 20 Jul 2017 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	99.1	76.6	115.0	
141	39.3	31.4	47.2	





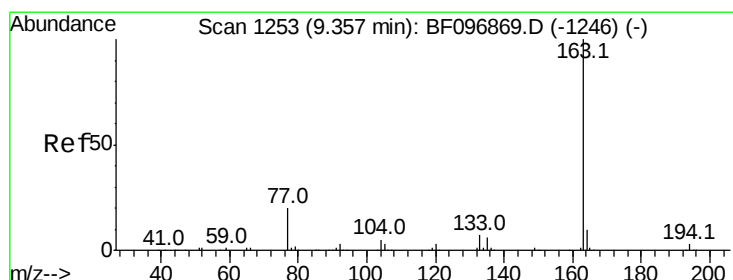
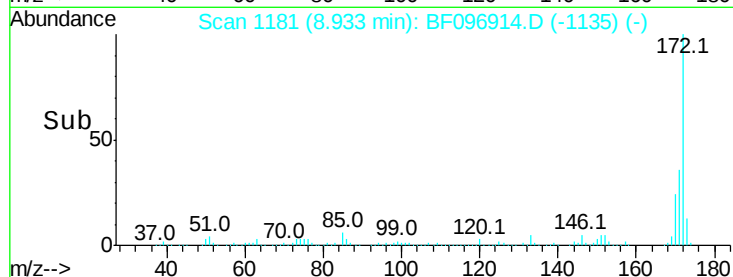
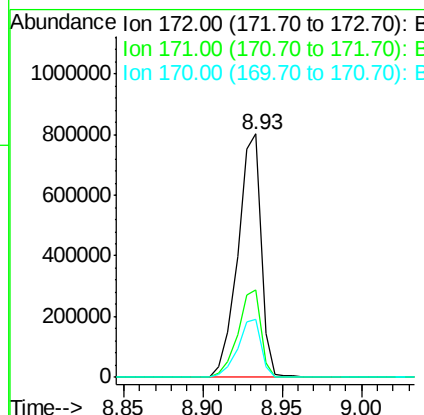
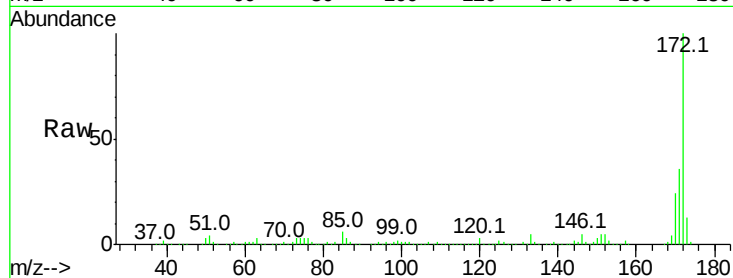
#44
2-Fluorobiphenyl
Concen: 70.594 ng
RT: 8.93 min Scan# 1181
Delta R.T. -0.03 min
Lab File: BF096914.D
Acq: 20 Jul 2017 19:12

Instrument :
BNA_F
ClientSampled :
NB-08-071917

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.9	19.8	29.8

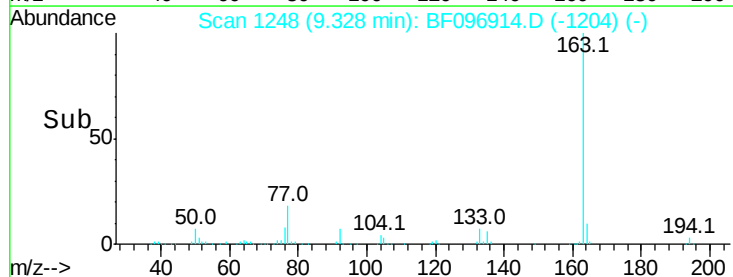
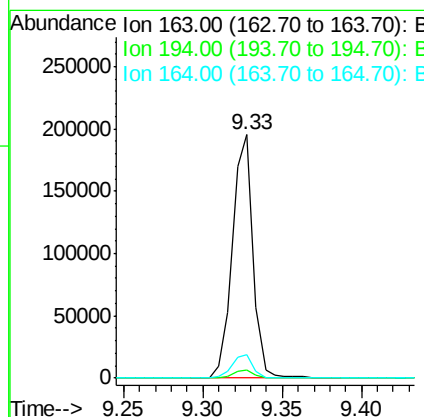
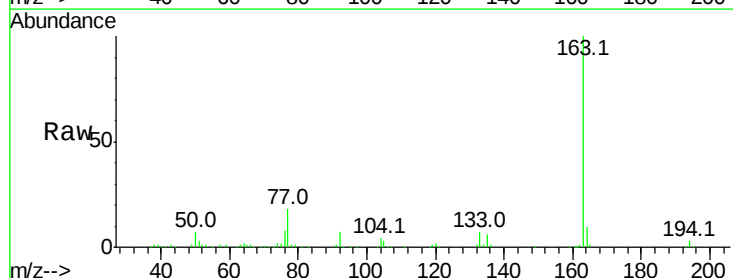
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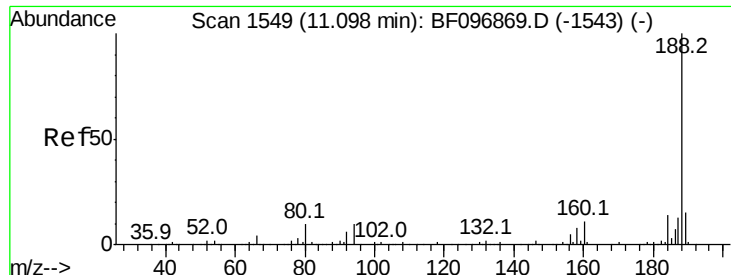
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#49
Dimethylphthalate
Concen: 12.831 ng
RT: 9.33 min Scan# 1248
Delta R.T. -0.04 min
Lab File: BF096914.D
Acq: 20 Jul 2017 19:12

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.6	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: BF096914.D

Acq: 20 Jul 2017 19:12

Instrument :

BNA_F

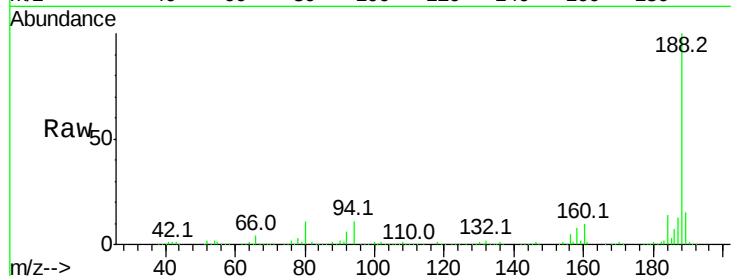
ClientSampleId :

NB-08-071917

Tot Ion:	188	Resp:	312705
Ion Ratio	Lower	Upper	
188	100		
94	10.7	9.4	14.2
80	10.7	10.2	15.2

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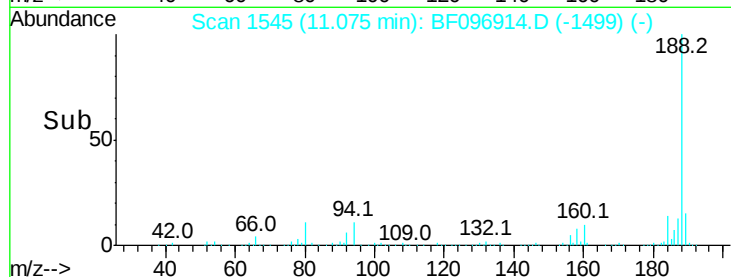


Abundance Ion 188.00 (187.70 to 188.70): E

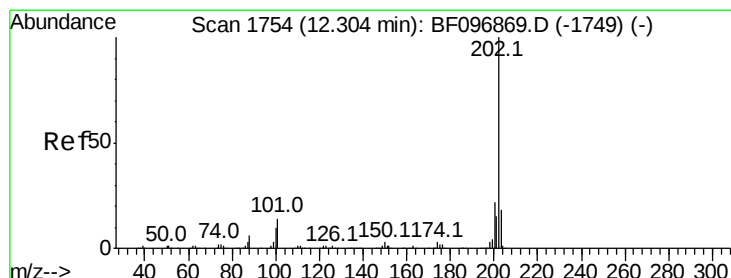
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->



Time-->



#74

Fluoranthene

Concen: 3.093 ng

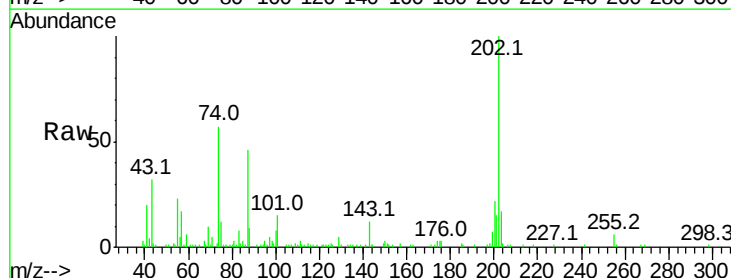
RT: 12.28 min Scan# 1750

Delta R.T. -0.04 min

Lab File: BF096914.D

Acq: 20 Jul 2017 19:12

Tgt Ion:	202	Resp:	50342
Ion Ratio	Lower	Upper	
202	100		
101	15.3	0.0	33.2
203	17.1	0.0	38.1

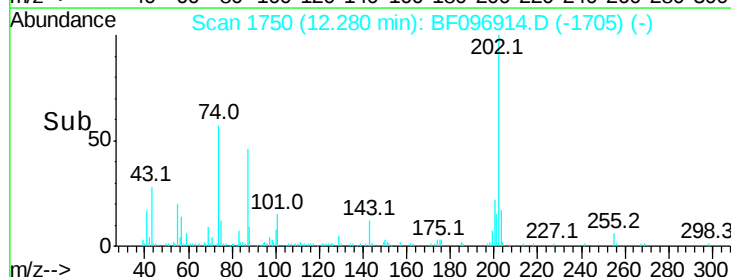


Abundance Ion 202.00 (201.70 to 202.70): E

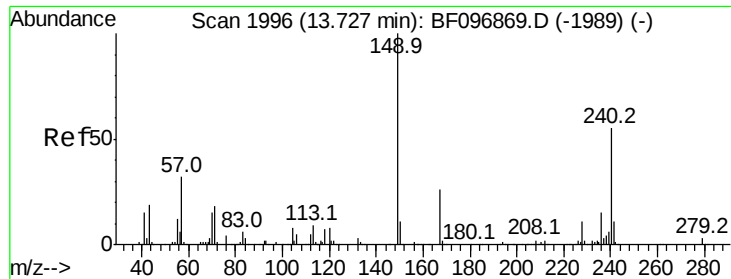
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

Time-->



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.70 min Scan# 1991

Delta R.T. -0.04 min

Lab File: BF096914.D

Acq: 20 Jul 2017 19:12

Instrument :

BNA_F

ClientSampled :

NB-08-071917

Tot Ion:240 Resp: 192817

Ion Ratio Lower Upper

240 100

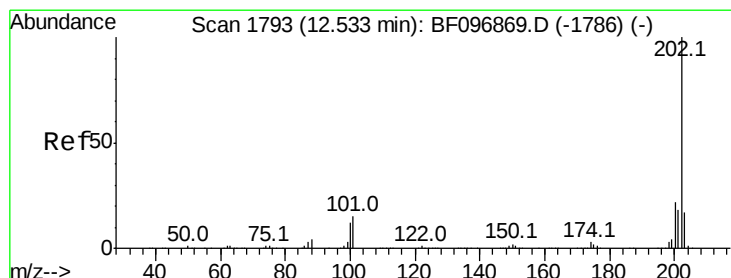
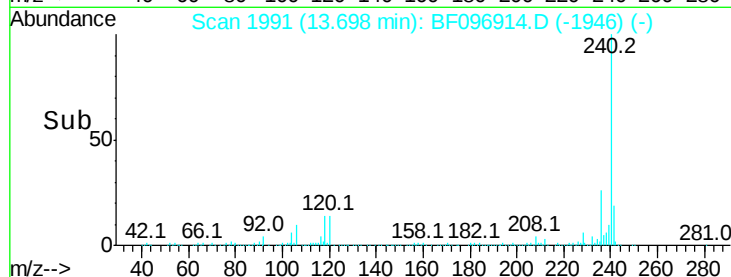
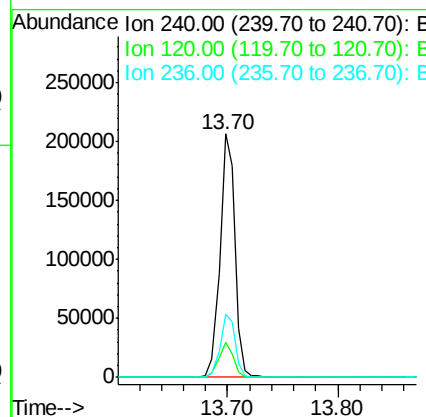
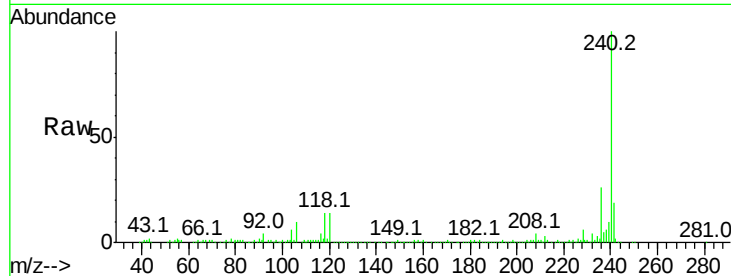
120 14.4 5.8 8.8#

236 26.0 20.5 30.7

Manual Integrations
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#77

Pyrene

Concen: 2.726 ng

RT: 12.50 min Scan# 1788

Delta R.T. -0.04 min

Lab File: BF096914.D

Acq: 20 Jul 2017 19:12

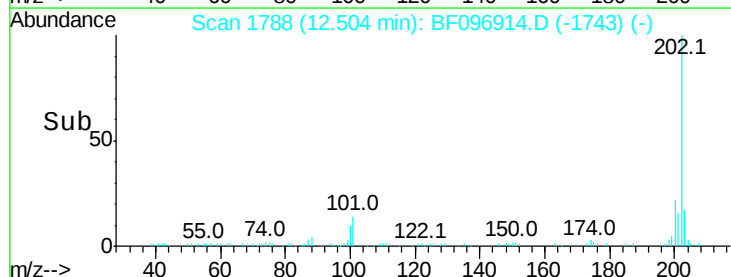
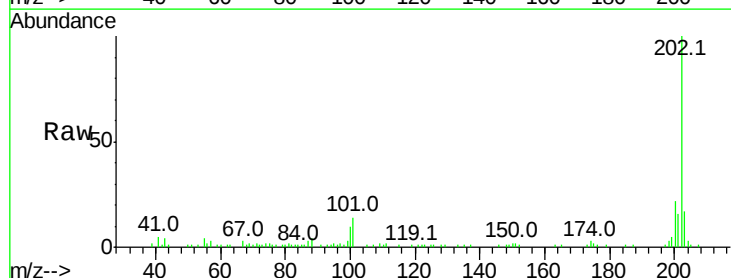
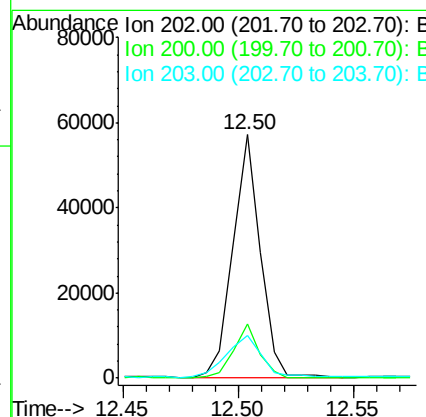
Tgt Ion:202 Resp: 47697

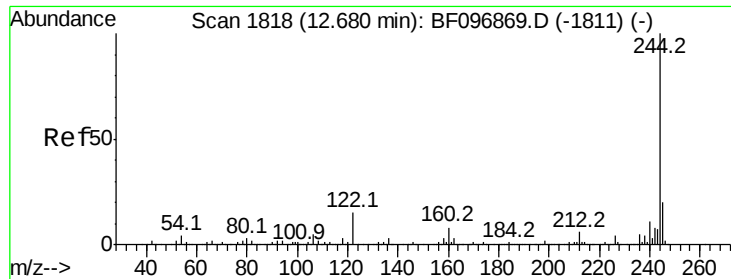
Ion Ratio Lower Upper

202 100

200 22.0 17.6 26.4

203 17.4 14.4 21.6





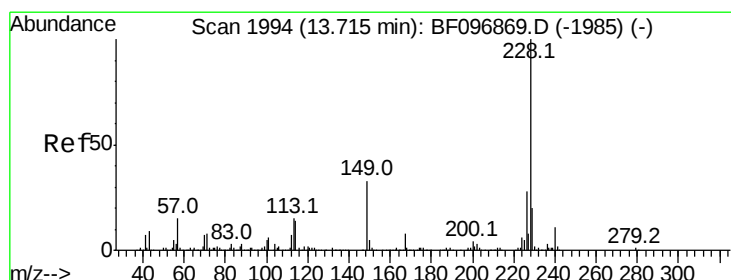
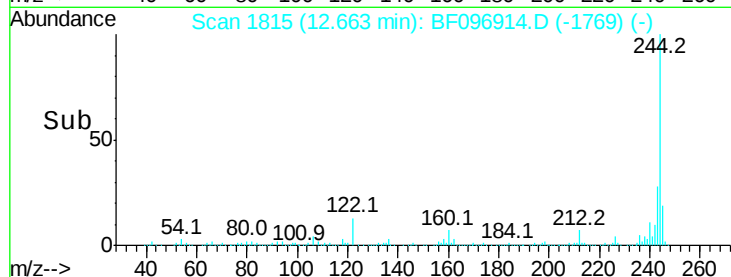
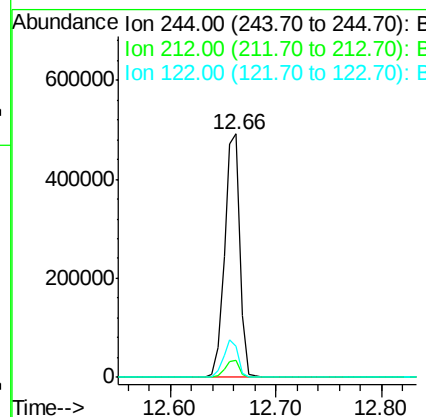
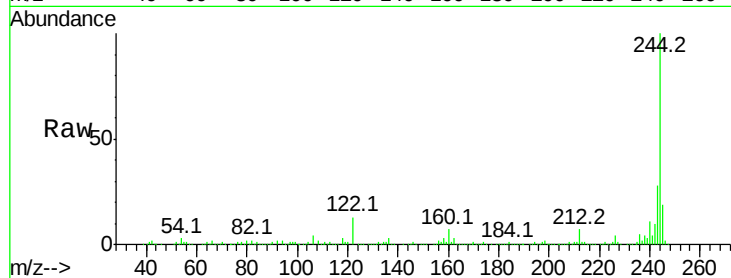
#78
 Terphenyl-d14
 Concen: 44.867 ng
 RT: 12.66 min Scan# 1815
 Delta R.T. -0.03 min
 Lab File: BF096914.D
 Acq: 20 Jul 2017 19:12

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-071917

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	12.8	10.3	15.5

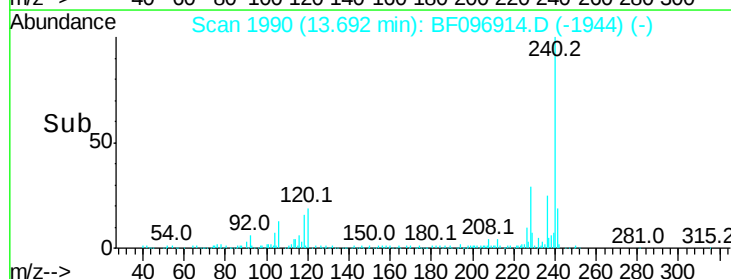
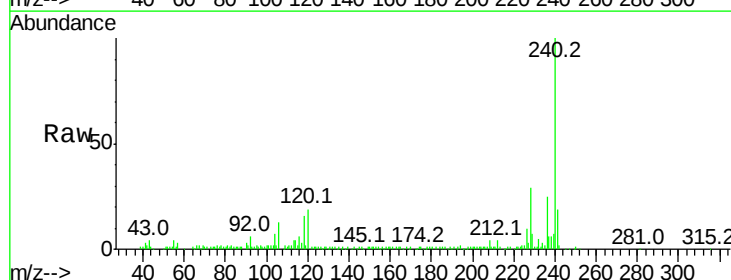
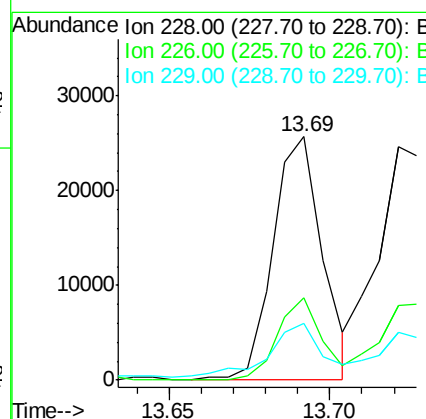
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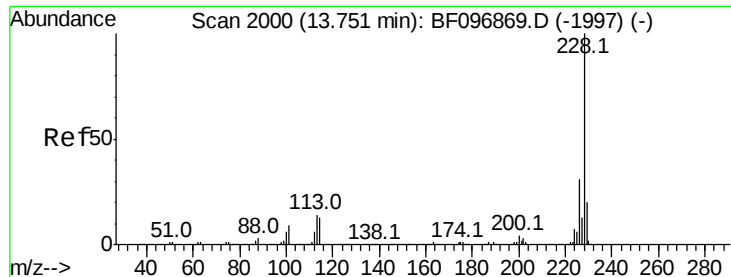
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#80
 Benzo(a)anthracene
 Concen: 2.283 ng m
 RT: 13.69 min Scan# 1990
 Delta R.T. -0.03 min
 Lab File: BF096914.D
 Acq: 20 Jul 2017 19:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.9	22.6	33.8#
229	23.2	16.3	24.5





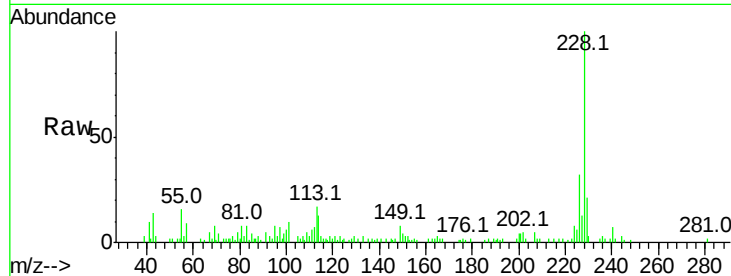
#82
Chrysene
Concen: 2.430 ng
RT: 13.72 min Scan# 1995
Delta R.T. -0.04 min
Lab File: BF096914.D
Acq: 20 Jul 2017 19:12

Instrument :
BNA_F
ClientSampleId :
NB-08-071917

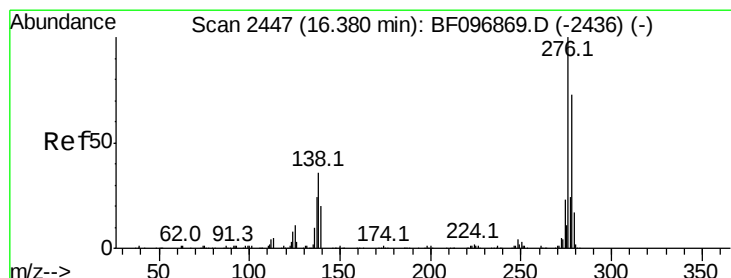
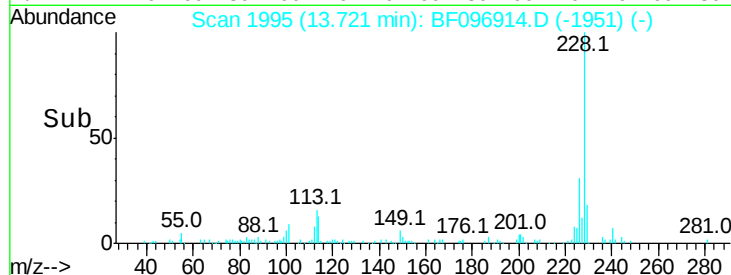
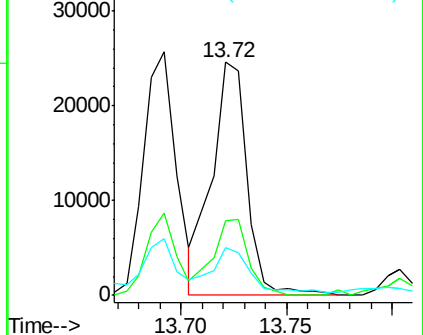
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.9	37.3
229	20.5	15.8	23.6

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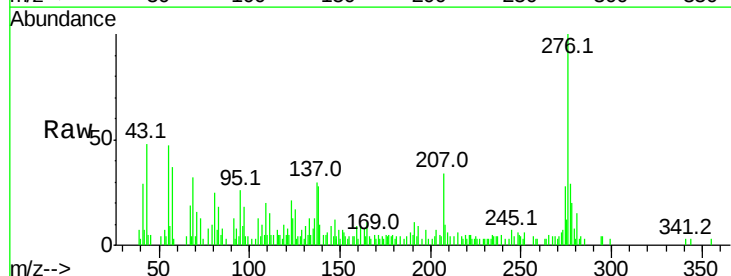


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

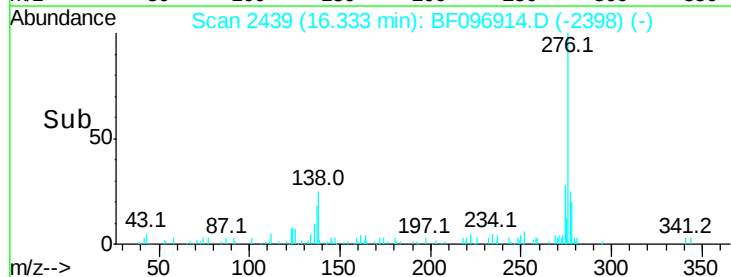
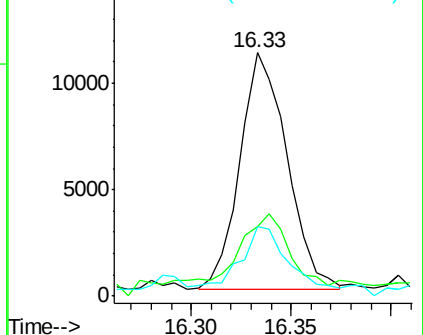


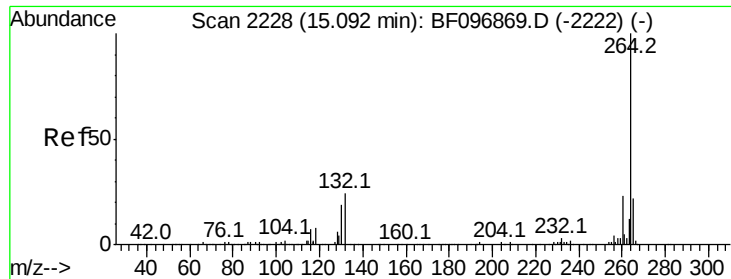
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.920 ng m
RT: 16.33 min Scan# 2439
Delta R.T. -0.06 min
Lab File: BF096914.D
Acq: 20 Jul 2017 19:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	3.8	27.8	41.6#
277	2.4	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





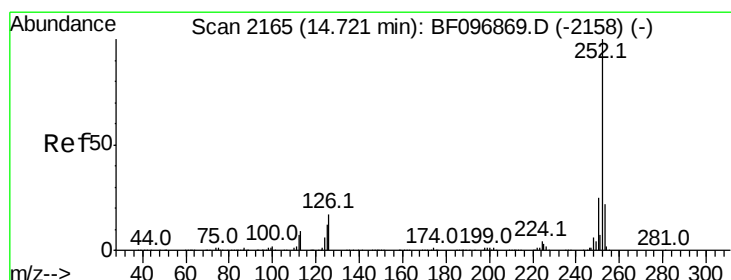
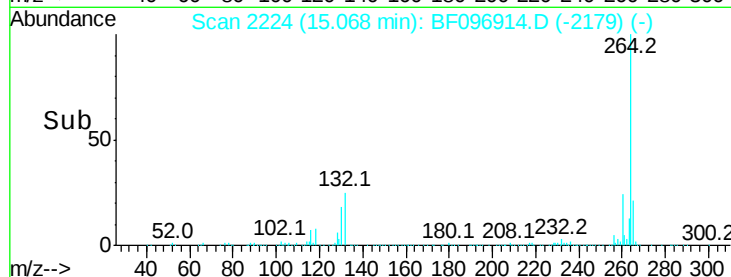
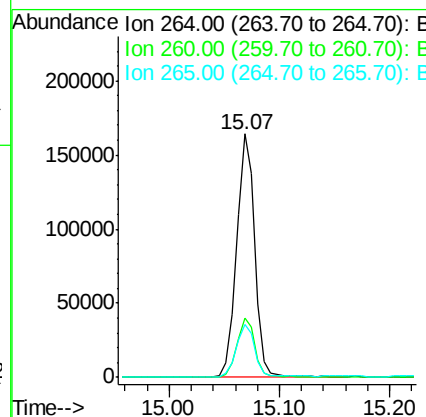
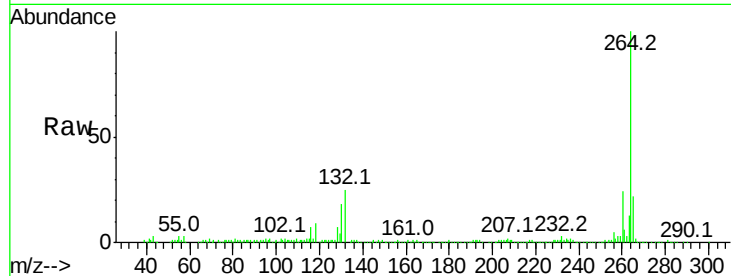
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.07 min Scan# 2224
Delta R.T. -0.04 min
Lab File: BF096914.D
Acq: 20 Jul 2017 19:12

Instrument :
BNA_F
ClientSampleId :
NB-08-071917

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.6	17.2	25.8

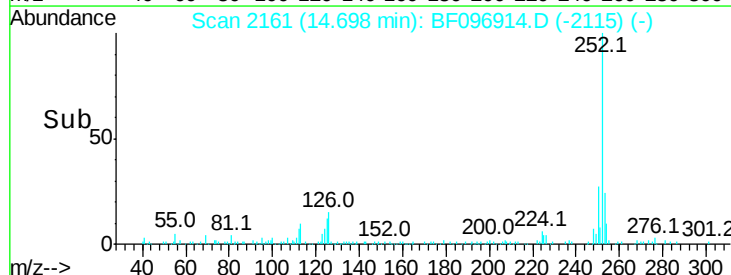
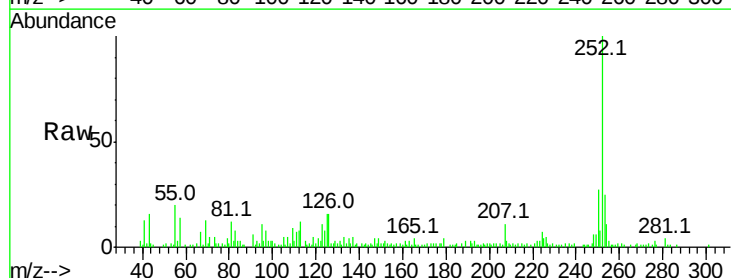
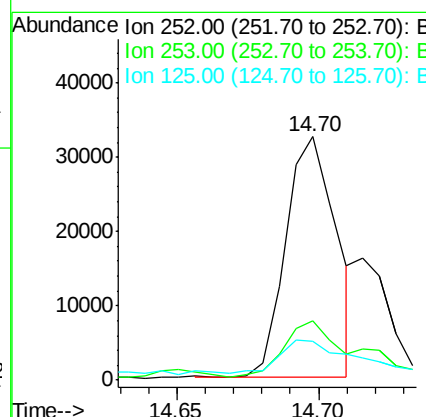
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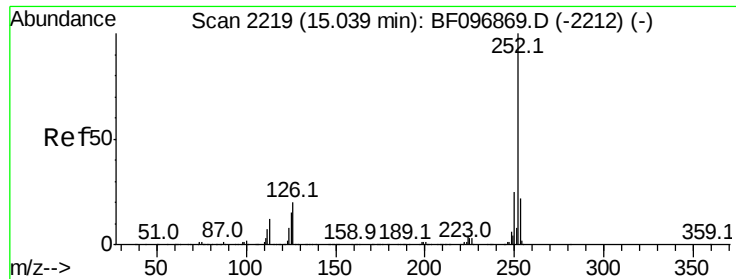
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#87
Benzo(b)fluoranthene
Concen: 3.489 ng m
RT: 14.70 min Scan# 2161
Delta R.T. -0.03 min
Lab File: BF096914.D
Acq: 20 Jul 2017 19:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.1	27.1
125	15.8	9.8	14.8





#89
Benzo(a)pyrene
Concen: 2.804 ng
RT: 15.01 min Scan# 2214
Delta R.T. -0.04 min
Lab File: BF096914.D
Acq: 20 Jul 2017 19:12

Instrument :
BNA_F
ClientSampleId :
NB-08-071917

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.5	26.3
125	19.6	11.0	16.4

Manual Integrations
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