

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
 Data File : BF097103.D
 Acq On : 27 Jul 2017 4:10
 Operator : SJ/JU
 Sample : I4415-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-072417

Manual Integrations
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Sohil
 7/27/2017 1:45:35 PM

Quant Time: Jul 27 12:07:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	94004	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	355426	20.00	ng	0.00
38) Acenaphthene-d10	9.52	164	126031	20.00	ng	-0.01
63) Phenanthrene-d10	11.00	188	201907	20.00	ng	0.00
75) Chrysene-d12	13.63	240	173256	20.00	ng	0.00
86) Perylene-d12	14.99	264	110310	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	663776	106.45	ng	0.00
7) Phenol-d6	6.16	99	723453	101.62	ng	-0.01
23) Nitrobenzene-d5	7.06	82	392625	64.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.31	330	110962	111.43	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	616744	83.05	ng	-0.01
78) Terphenyl-d14	12.59	244	417704	49.15	ng	0.00
Target Compounds						
10) Phenol	6.17	94	28497	3.375	ng	Qvalue 94
49) Dimethylphthalate	9.26	163	83342	8.708	ng	100
70) Phenanthrene	11.02	178	21902	2.025	ng	100
74) Fluoranthene	12.20	202	70134	6.618	ng	98
77) Pyrene	12.43	202	90439	6.376	ng	98
80) Benzo(a)anthracene	13.62	228	28584	2.550	ng	# 91
82) Chrysene	13.65	228	29219	2.669	ng	# 85
87) Benzo(b)fluoranthene	14.62	252	25895m	3.905	ng	
89) Benzo(a)pyrene	14.93	252	17710	2.918	ng	# 59

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

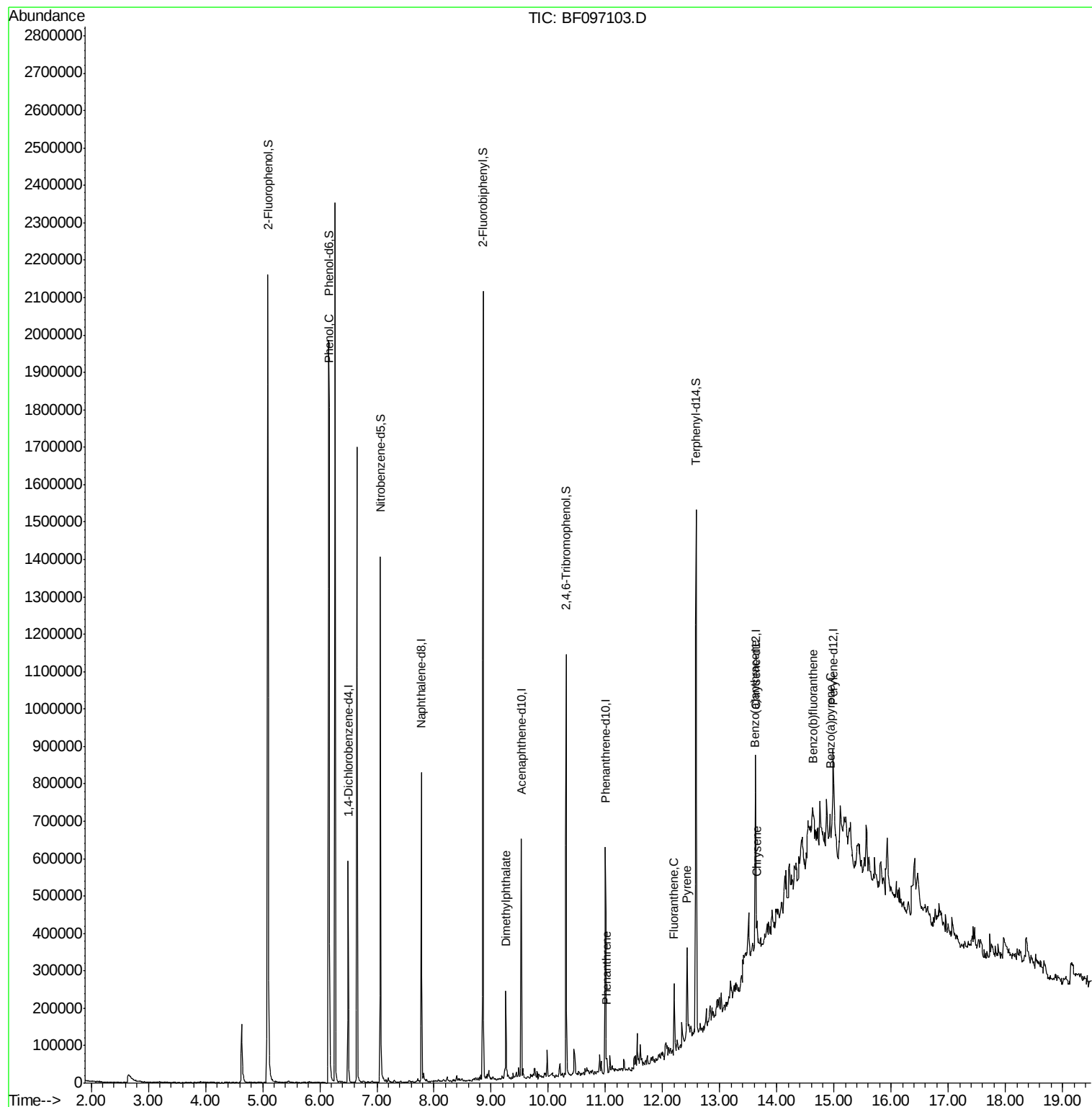
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
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Misc :
ALS Vial : 24 Sample Multiplier: 1

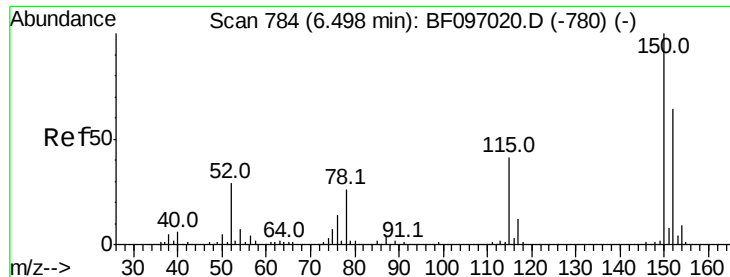
Instrument :
BNA_F
ClientSampleId :
SU-02-072417

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
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Response via : Initial Calibration





#1

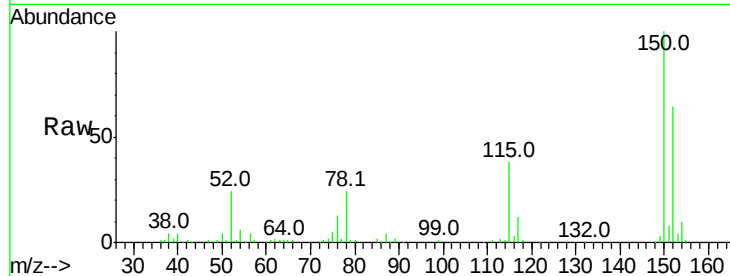
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.50 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF097103.D
Acq: 27 Jul 2017 4:10

Instrument :
BNA_F
ClientSampleId :
SU-02-072417

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.2	189.2
115	59.2	52.2	78.2

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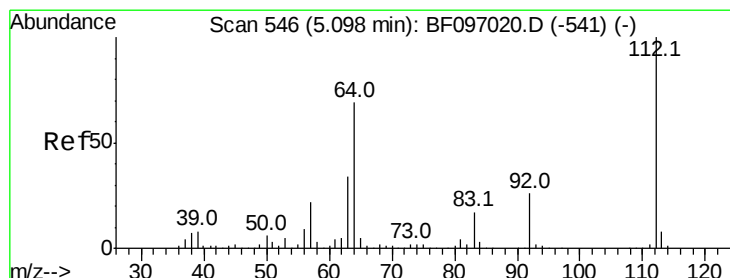
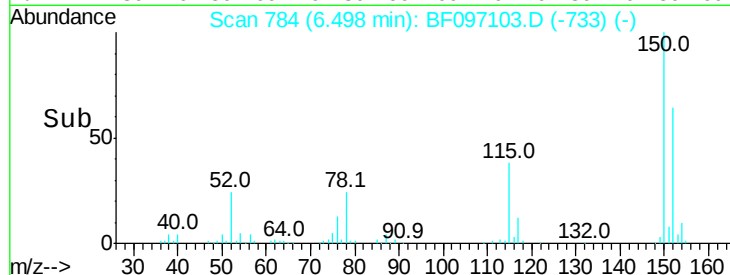
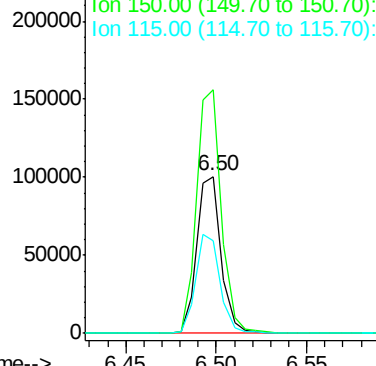


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

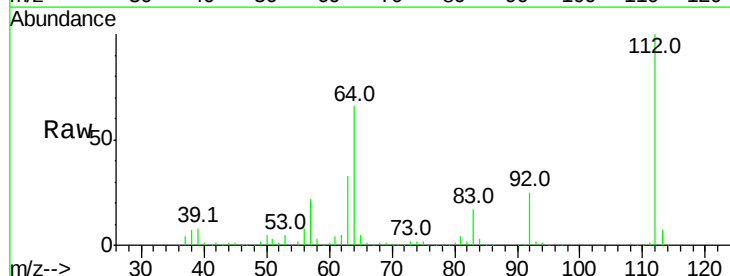
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 106.446 ng
RT: 5.09 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF097103.D
Acq: 27 Jul 2017 4:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.9	46.0	69.0
63	33.3	23.4	35.0

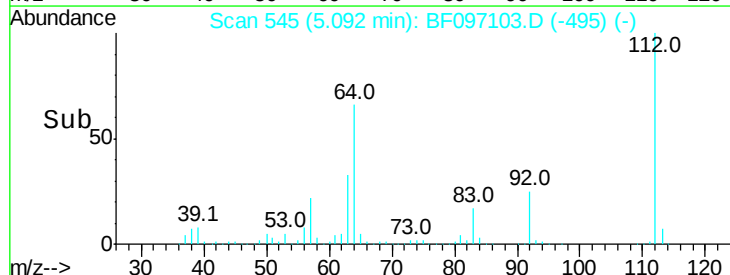
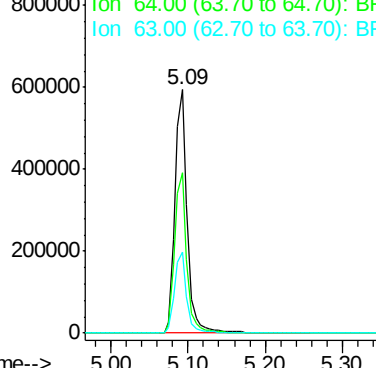


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 101.624 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097103.D

Acq: 27 Jul 2017 4:10

Instrument :

BNA_F

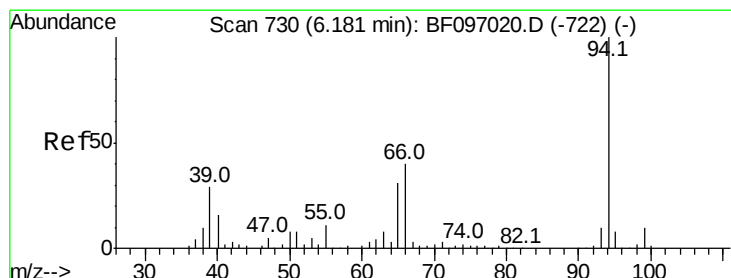
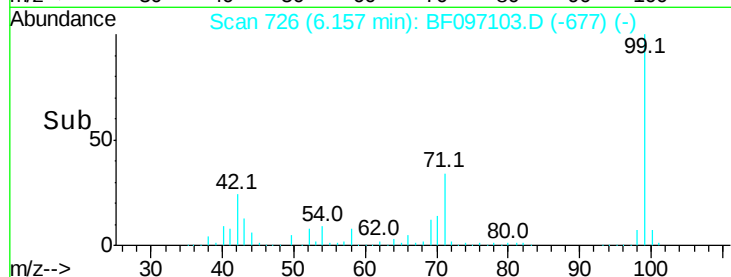
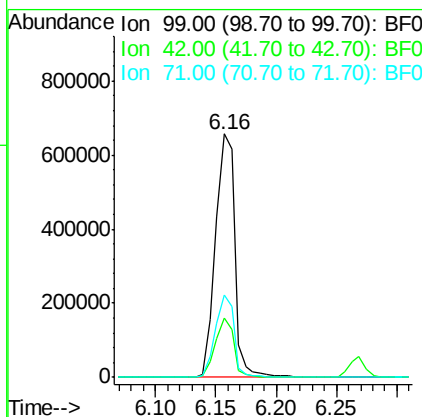
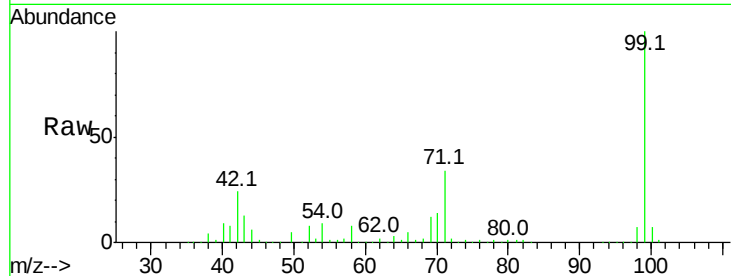
ClientSampled :

SU-02-072417

Tot Ion:	99	Resp:	723453
Ion Ratio	Lower	Upper	
99	100		
42	24.5	13.5	20.3#
71	34.1	24.5	36.7

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#10

Phenol

Concen: 3.375 ng

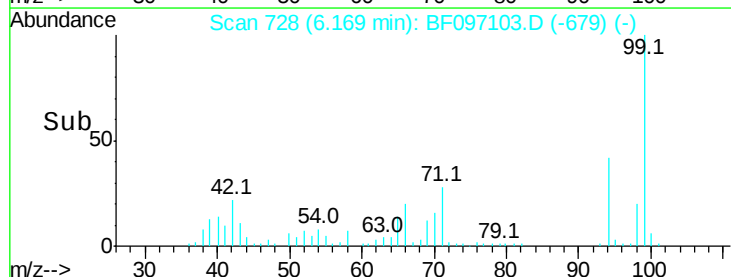
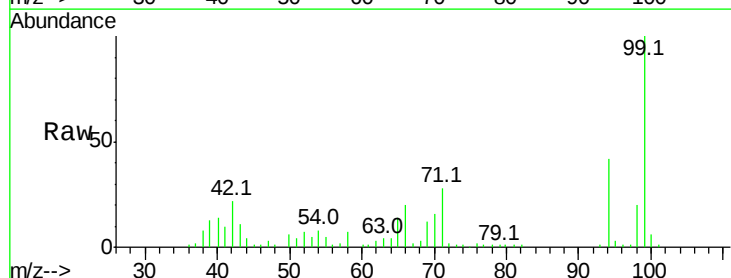
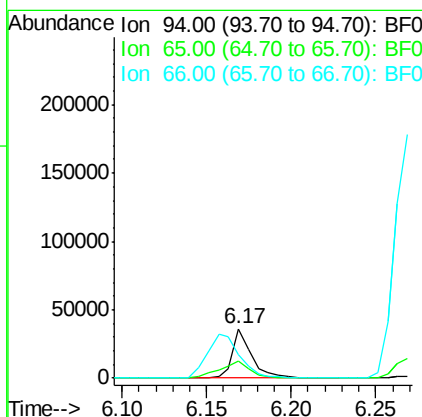
RT: 6.17 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF097103.D

Acq: 27 Jul 2017 4:10

Tgt Ion:	94	Resp:	28497
Ion Ratio	Lower	Upper	
94	100		
65	33.9	9.9	49.9
66	46.8	23.1	63.1





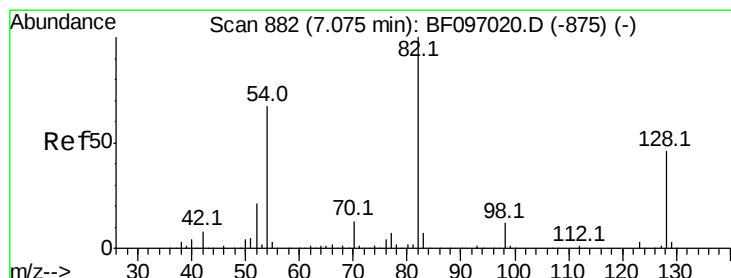
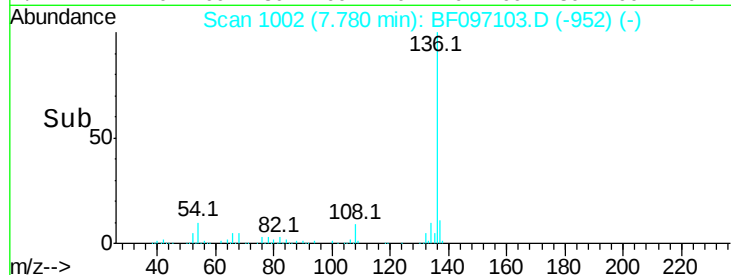
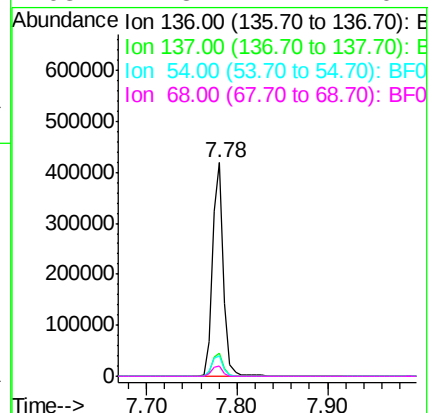
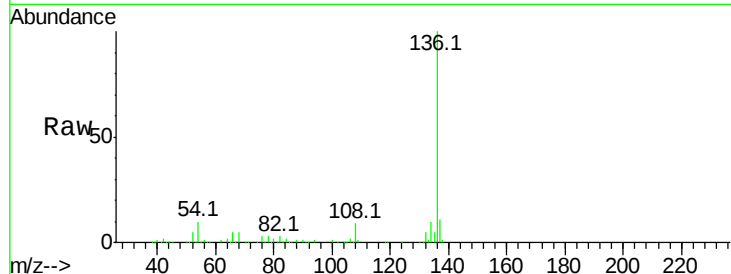
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.78 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF097103.D
Acq: 27 Jul 2017 4:10

Instrument :
BNA_F
ClientSampleId :
SU-02-072417

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.5	12.7	
54	9.5	4.9	7.3#	
68	4.8	4.1	6.1	

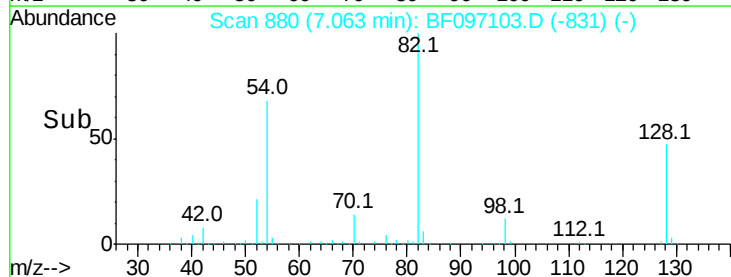
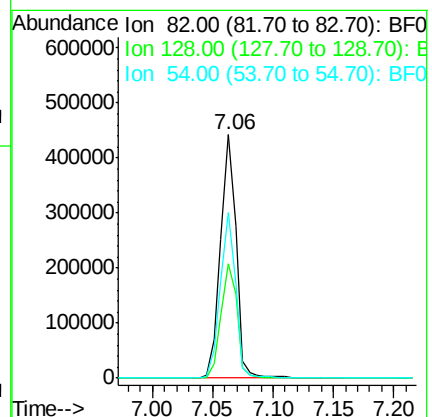
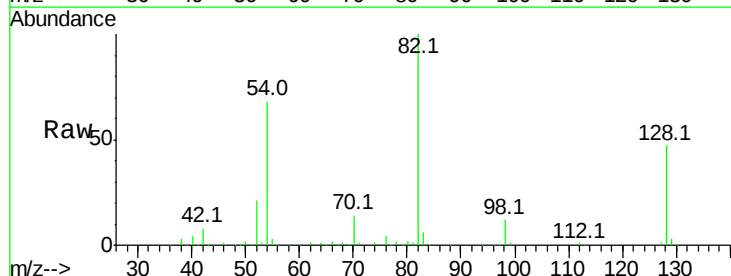
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#23
Nitrobenzene-d5
Concen: 64.804 ng
RT: 7.06 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF097103.D
Acq: 27 Jul 2017 4:10

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.0	34.0	51.0	
54	68.0	42.2	63.2#	





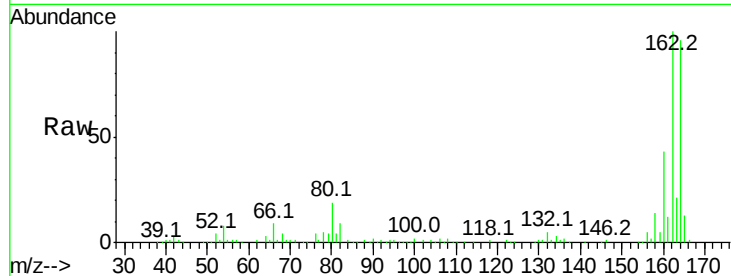
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.52 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF097103.D
Acq: 27 Jul 2017 4:10

Instrument :
BNA_F
ClientSampleId :
SU-02-072417

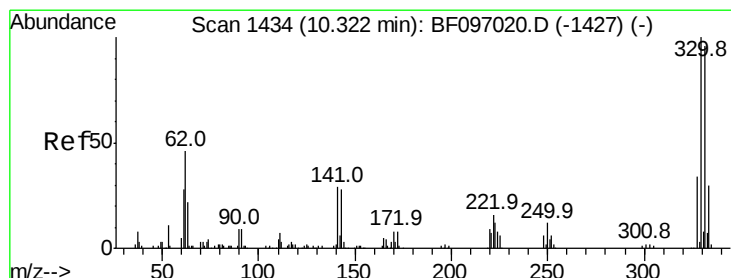
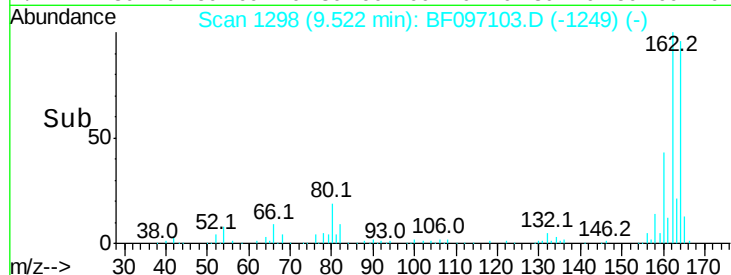
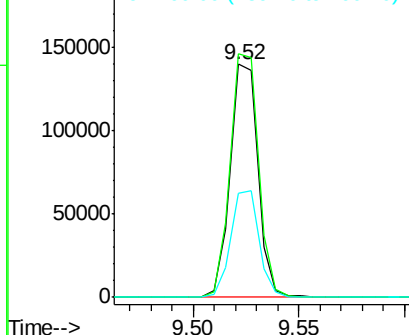
Tot Ion	Ratio	Resp	Lower	Upper
164	100	126031		
162	104.5	82.6	123.8	
160	44.6	36.2	54.2	

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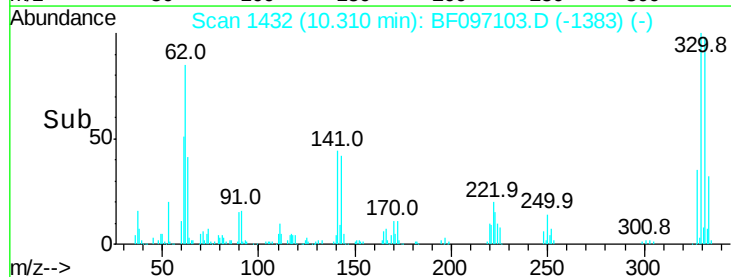
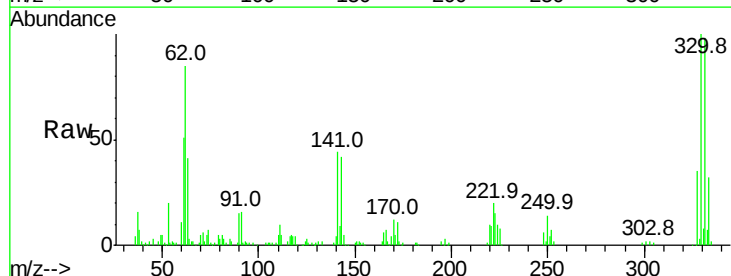
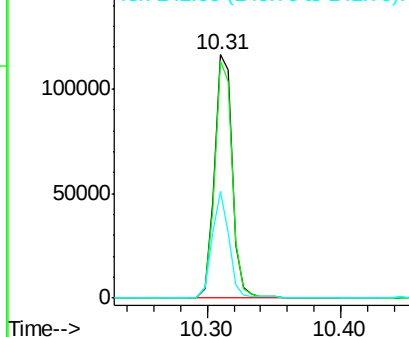
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

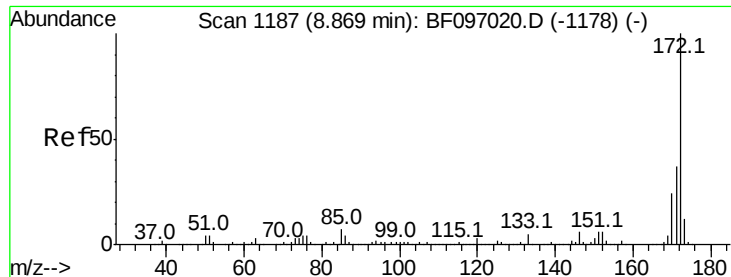


#41
2,4,6-Tribromophenol
Concen: 111.434 ng
RT: 10.31 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF097103.D
Acq: 27 Jul 2017 4:10

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	110962		
332	96.1	76.6	115.0	
141	41.9	31.4	47.2	

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





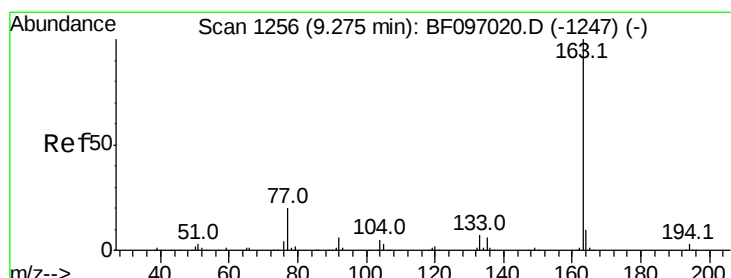
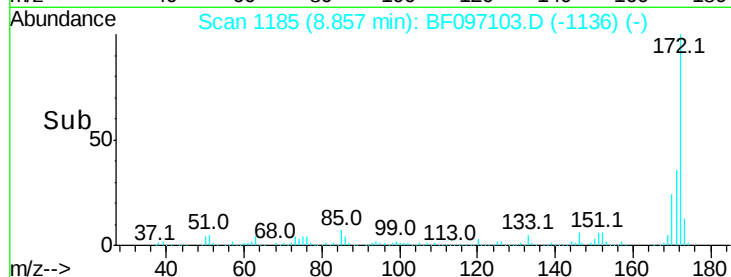
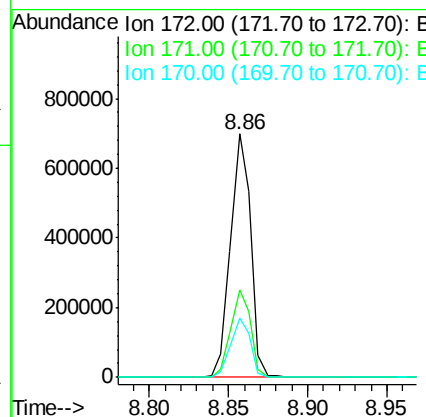
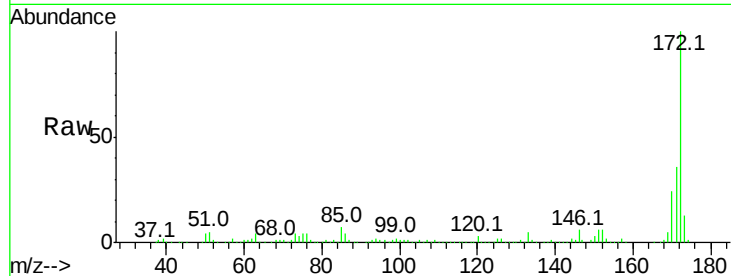
#44
2-Fluorobiphenyl
Concen: 83.049 ng
RT: 8.86 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF097103.D
Acq: 27 Jul 2017 4:10

Instrument :
BNA_F
ClientSampleId :
SU-02-072417

Tot Ion	Ratio	Resp	Lower	Upper
172	100	616744		
171	35.9		29.6	44.4
170	24.3		19.8	29.8

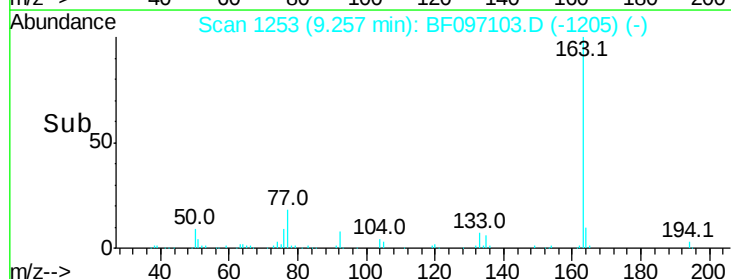
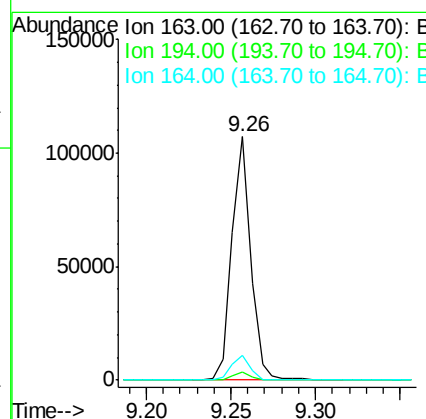
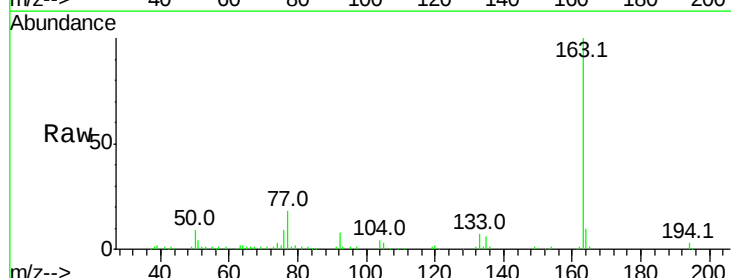
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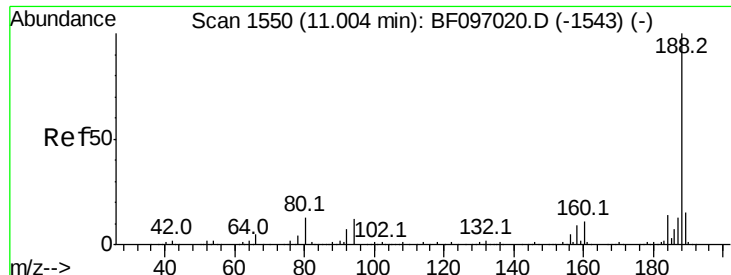
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#49
Dimethylphthalate
Concen: 8.708 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF097103.D
Acq: 27 Jul 2017 4:10

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	83342		
194	3.2		2.6	4.0
164	10.4		8.4	12.6





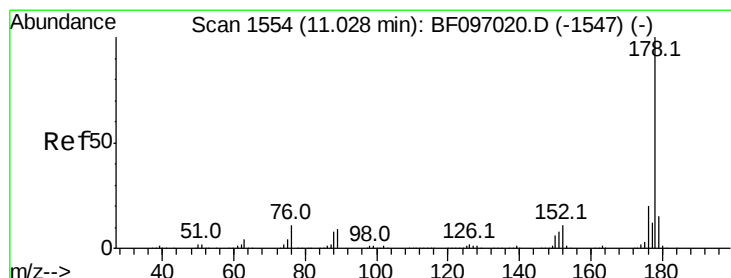
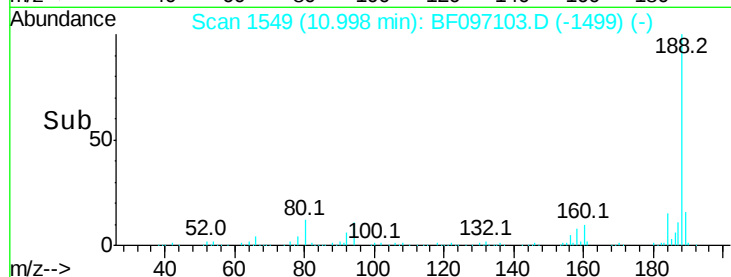
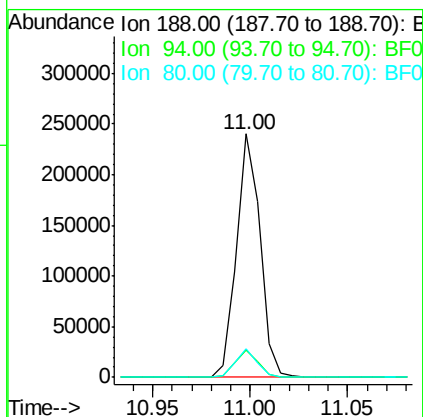
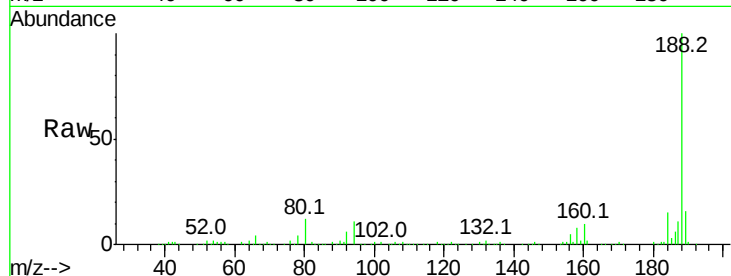
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.00 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF097103.D
Acq: 27 Jul 2017 4:10

Instrument :
BNA_F
ClientSampleId :
SU-02-072417

Tot Ion	Ratio	Resp	Lower	Upper
188	100	201907		
94	11.0		9.4	14.2
80	11.5		10.2	15.2

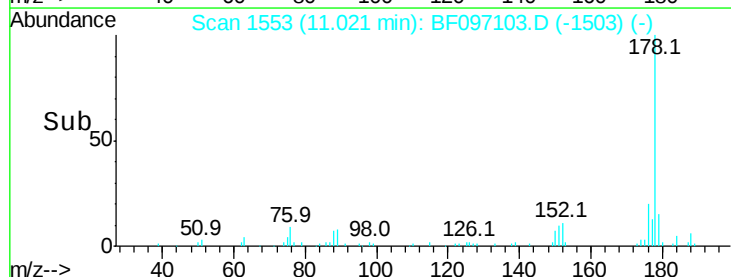
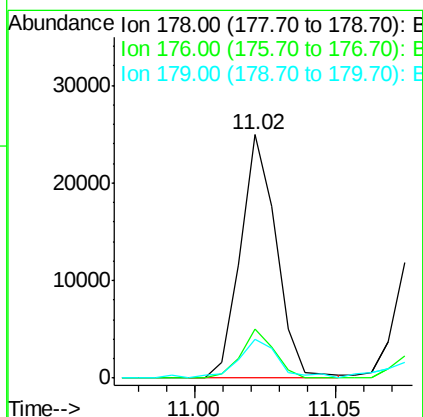
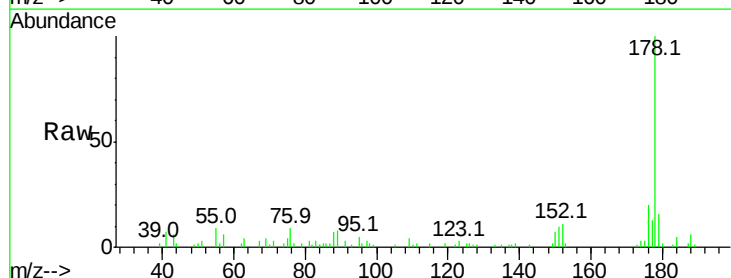
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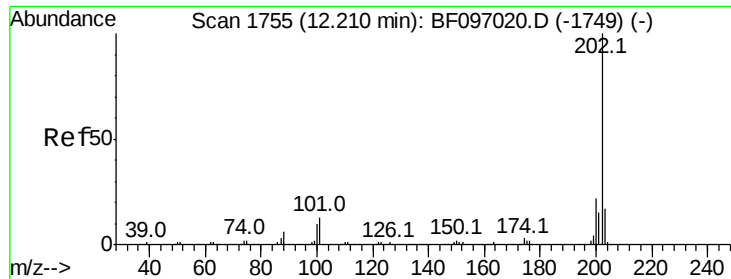
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#70
Phenanthrene
Concen: 2.025 ng
RT: 11.02 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF097103.D
Acq: 27 Jul 2017 4:10

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	21902		
176	20.2		16.2	24.4
179	15.8		12.6	19.0





#74

Fluoranthene

Concen: 6.618 ng

RT: 12.20 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BF097103.D

Acq: 27 Jul 2017 4:10

Instrument :

BNA_F

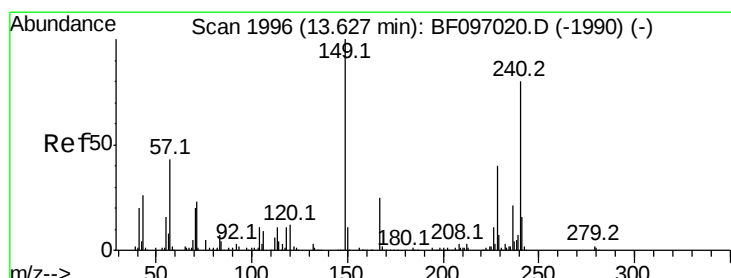
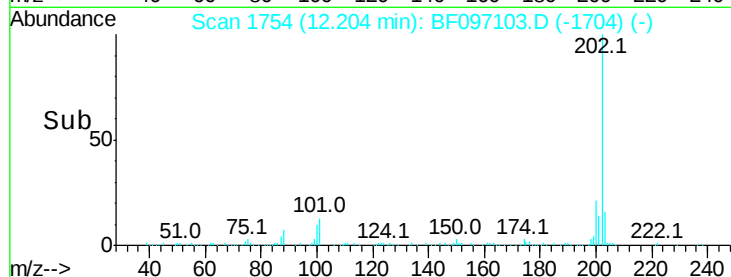
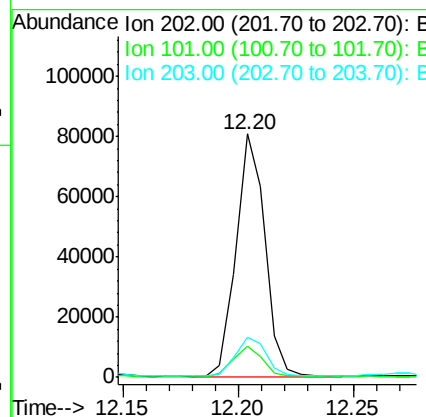
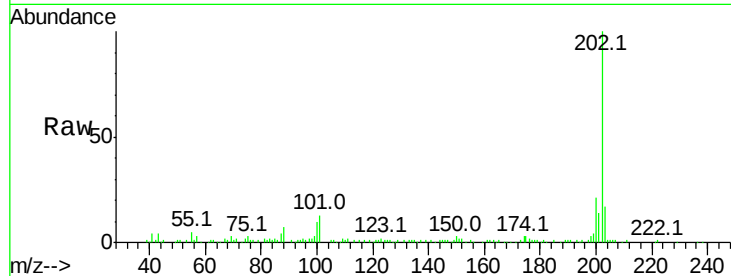
ClientSampled :

SU-02-072417

Tot Ion:	202	Resp:	70134
Ion Ratio	Lower	Upper	
202	100		
101	13.0	0.0	33.2
203	16.7	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

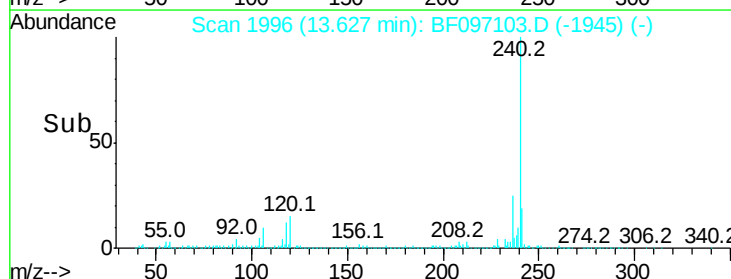
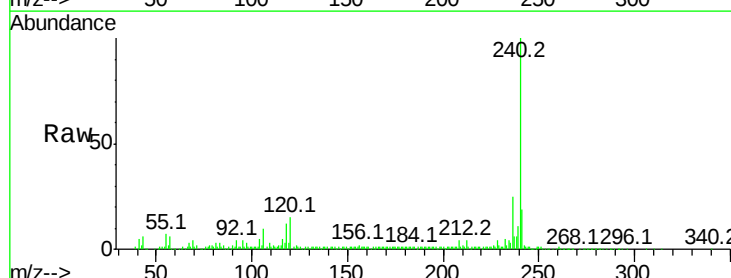
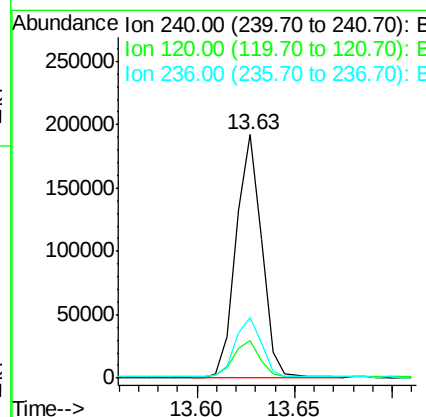
RT: 13.63 min Scan# 1996

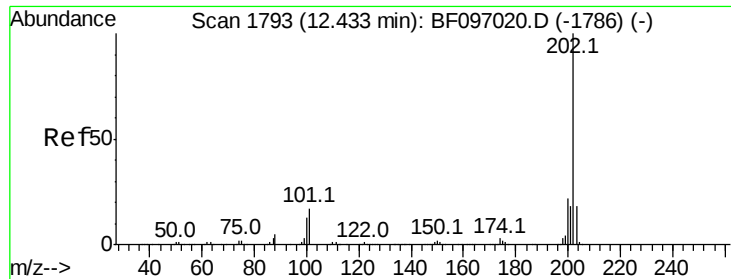
Delta R.T. -0.00 min

Lab File: BF097103.D

Acq: 27 Jul 2017 4:10

Tgt Ion:	240	Resp:	173256
Ion Ratio	Lower	Upper	
240	100		
120	15.2	5.8	8.8#
236	25.0	20.5	30.7





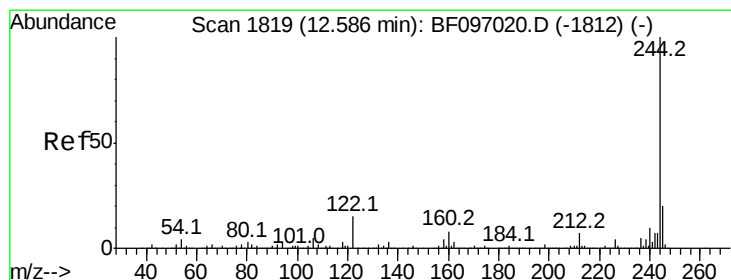
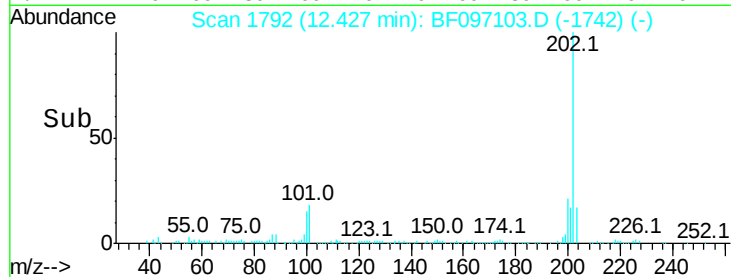
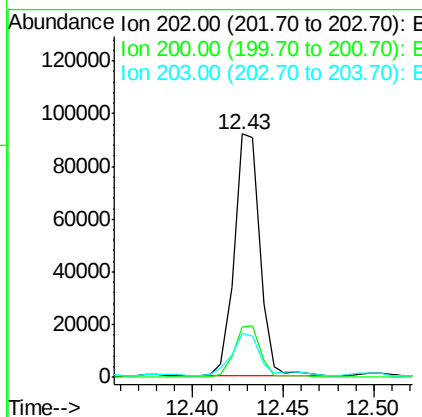
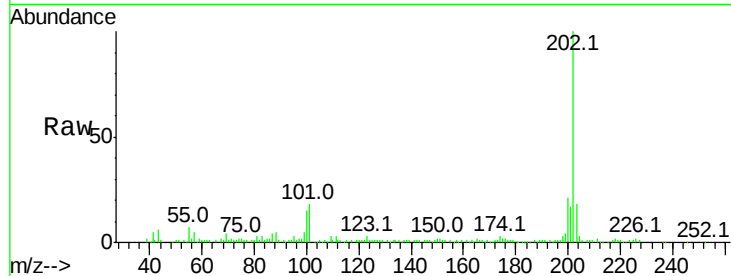
#77
Pvrene
Concen: 6.376 ng
RT: 12.43 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF097103.D
Acq: 27 Jul 2017 4:10

Instrument :
BNA_F
ClientSampleId :
SU-02-072417

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.6	26.4
203	18.0	14.4	21.6

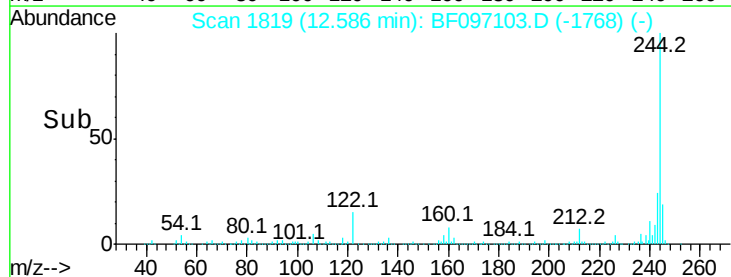
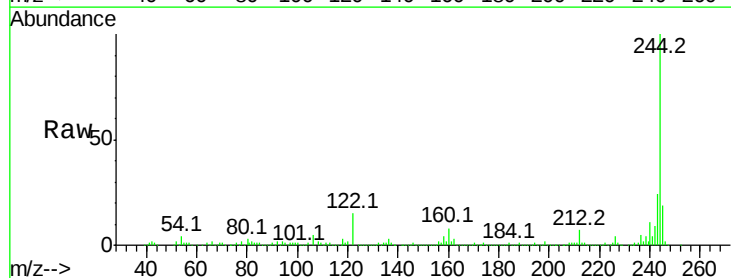
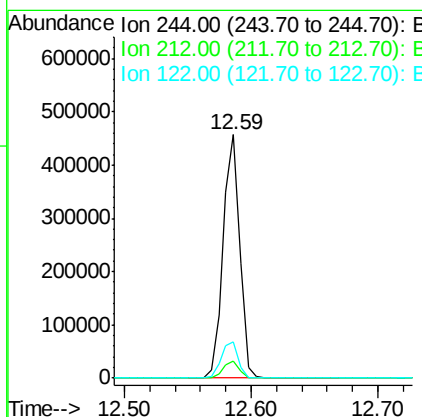
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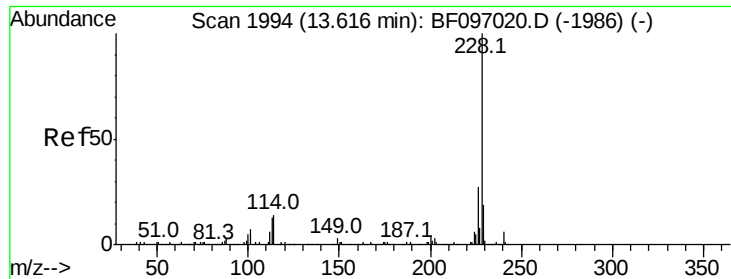
Sohil
7/27/2017 1:45:35 PM



#78
Terphenyl-d14
Concen: 49.155 ng
RT: 12.59 min Scan# 1819
Delta R.T. -0.00 min
Lab File: BF097103.D
Acq: 27 Jul 2017 4:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	14.7	10.3	15.5





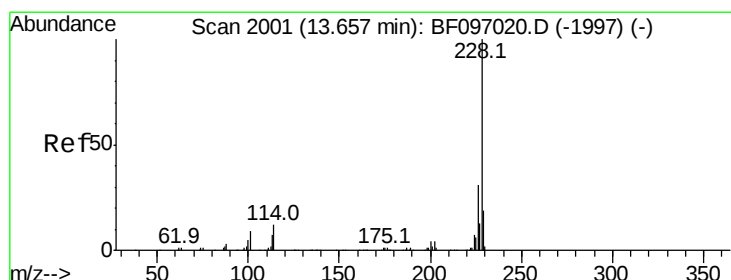
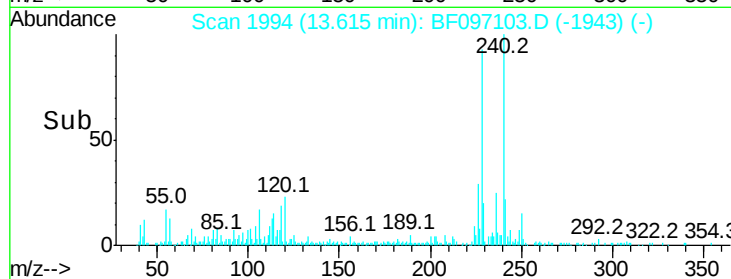
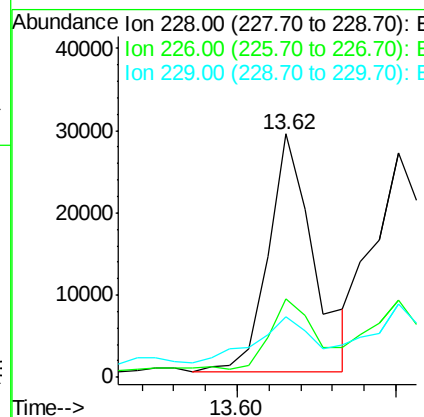
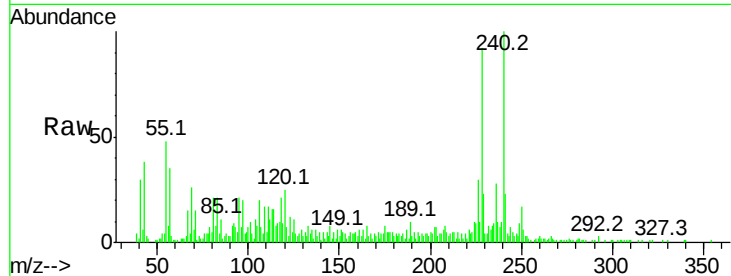
#80
Benzo(a)anthracene
Concen: 2.550 ng
RT: 13.62 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF097103.D
Acq: 27 Jul 2017 4:10

Instrument :
BNA_F
ClientSampleId :
SU-02-072417

Tot Ion	Ratio	Resp	Lower	Upper
228	100	28584		
226	32.5	22.6	33.8	
229	24.8	16.3	24.5	

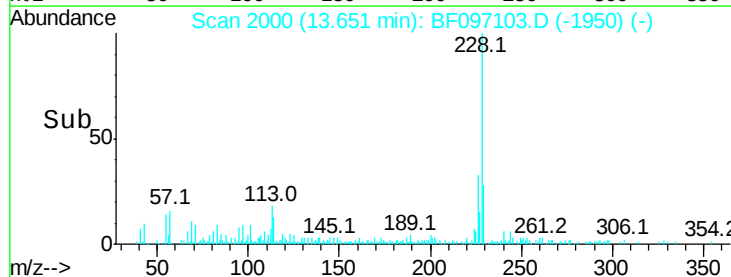
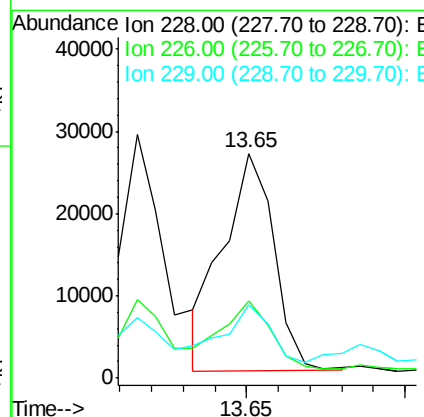
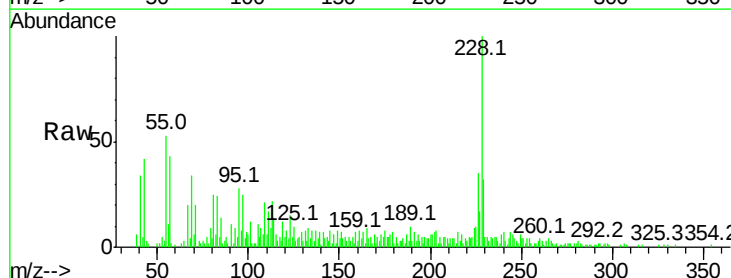
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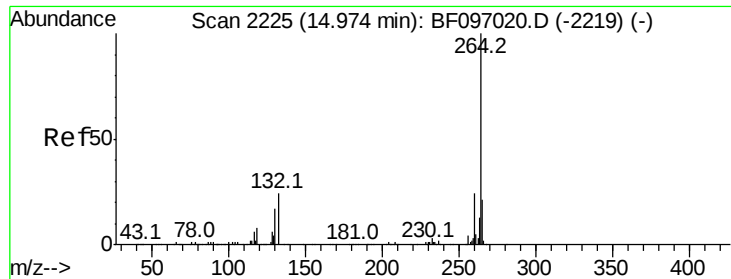
Sohil
7/27/2017 1:45:35 PM



#82
Chrysene
Concen: 2.669 ng
RT: 13.65 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF097103.D
Acq: 27 Jul 2017 4:10

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	29219		
226	34.6	24.9	37.3	
229	32.4	15.8	23.6	





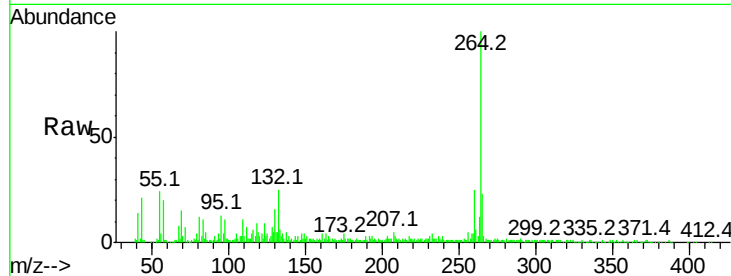
#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.99 min Scan# 2227
Delta R.T. 0.01 min
Lab File: BF097103.D
Acq: 27 Jul 2017 4:10

Instrument :
BNA_F
ClientSampled :
SU-02-072417

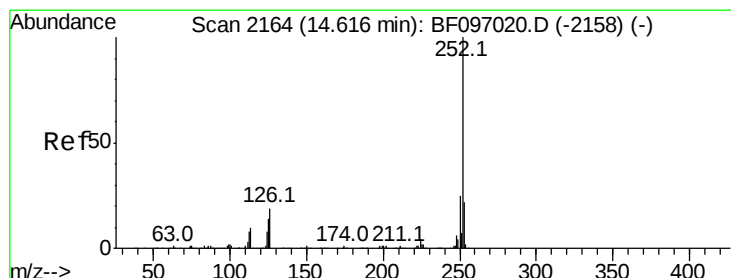
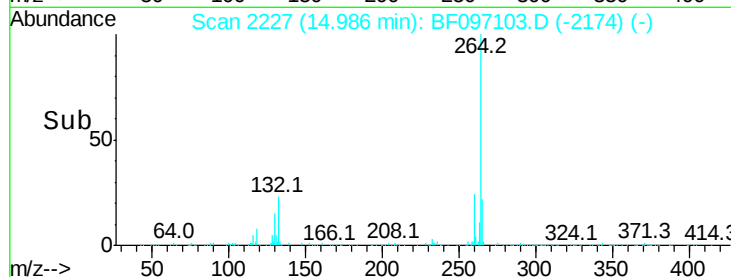
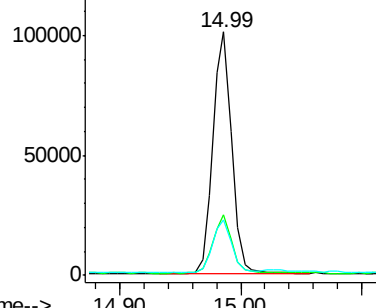
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	22.5	17.2	25.8

Manual Integrations
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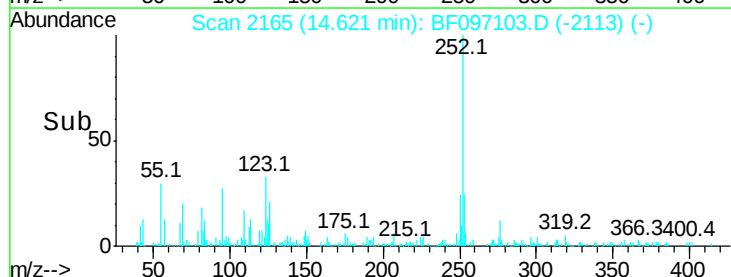
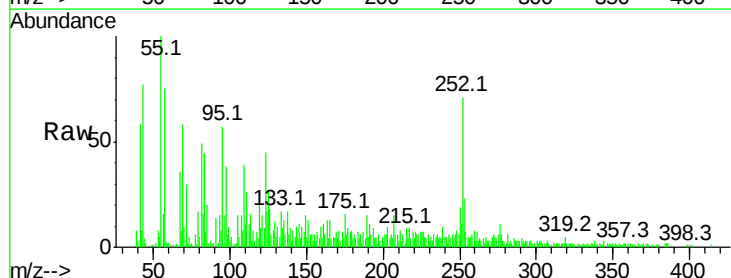
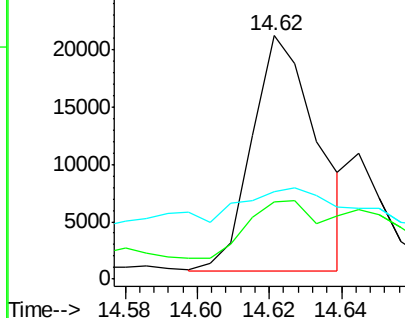
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

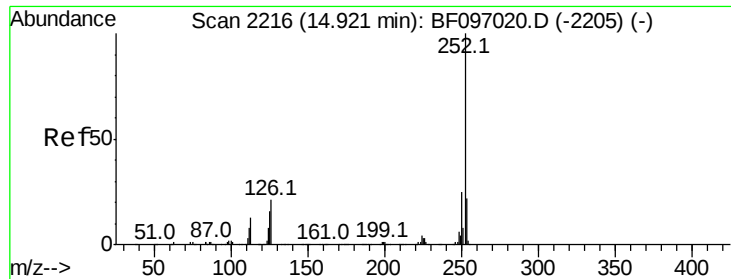


#87
Benzo(b)fluoranthene
Concen: 3.905 ng m
RT: 14.62 min Scan# 2165
Delta R.T. 0.01 min
Lab File: BF097103.D
Acq: 27 Jul 2017 4:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.8	18.1	27.1#
125	35.9	9.8	14.8#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89
Benzo(a)pyrene
Concen: 2.918 ng
RT: 14.93 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BF097103.D
Acq: 27 Jul 2017 4:10

Instrument :
BNA_F
ClientSampleId :
SU-02-072417

Tot Ion	Ratio	Lower	Upper
252	100		
253	32.8	17.5	26.3#
125	41.5	11.0	16.4#

Manual Integrations
APPROVED

Sohil
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