

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073117\
 Data File : BF097219.D
 Acq On : 31 Jul 2017 20:28
 Operator : SJ/JU
 Sample : I4467-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-4(0-10)COMP

Manual Integrations
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Sohil
 8/1/2017 5:44:53 PM

Quant Time: Aug 01 05:17:52 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	6.48	152	115388	20.00	ng	-0.02
21) Naphthalene-d8	7.76	136	488149	20.00	ng	-0.02
38) Acenaphthene-d10	9.51	164	185186	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	278096	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	211531	20.00	ng	-0.02
86) Perylene-d12	14.96	264	168019	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	604543	78.98	ng	-0.01
7) Phenol-d6	6.16	99	826403	94.57	ng	-0.01
23) Nitrobenzene-d5	7.05	82	412048	49.52	ng	-0.03
41) 2,4,6-Tribromophenol	10.30	330	115182	78.72	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	698312	64.00	ng	-0.02
78) Terphenyl-d14	12.57	244	388710	37.47	ng	-0.02
Target Compounds						
10) Phenol	6.17	94	22921	2.211	ng	87
49) Dimethylphthalate	9.24	163	133131	9.467	ng	98
70) Phenanthrene	11.01	178	47483	3.187	ng	98
74) Fluoranthene	12.19	202	73228	5.017	ng	100
77) Pyrene	12.42	202	61980	3.579	ng	97
80) Benzo(a)anthracene	13.60	228	35333m	2.582	ng	
82) Chrysene	13.64	228	34907	2.612	ng	94
87) Benzo(b)fluoranthene	14.60	252	43651m	4.322	ng	
89) Benzo(a)pyrene	14.91	252	27475	2.972	ng	# 94

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

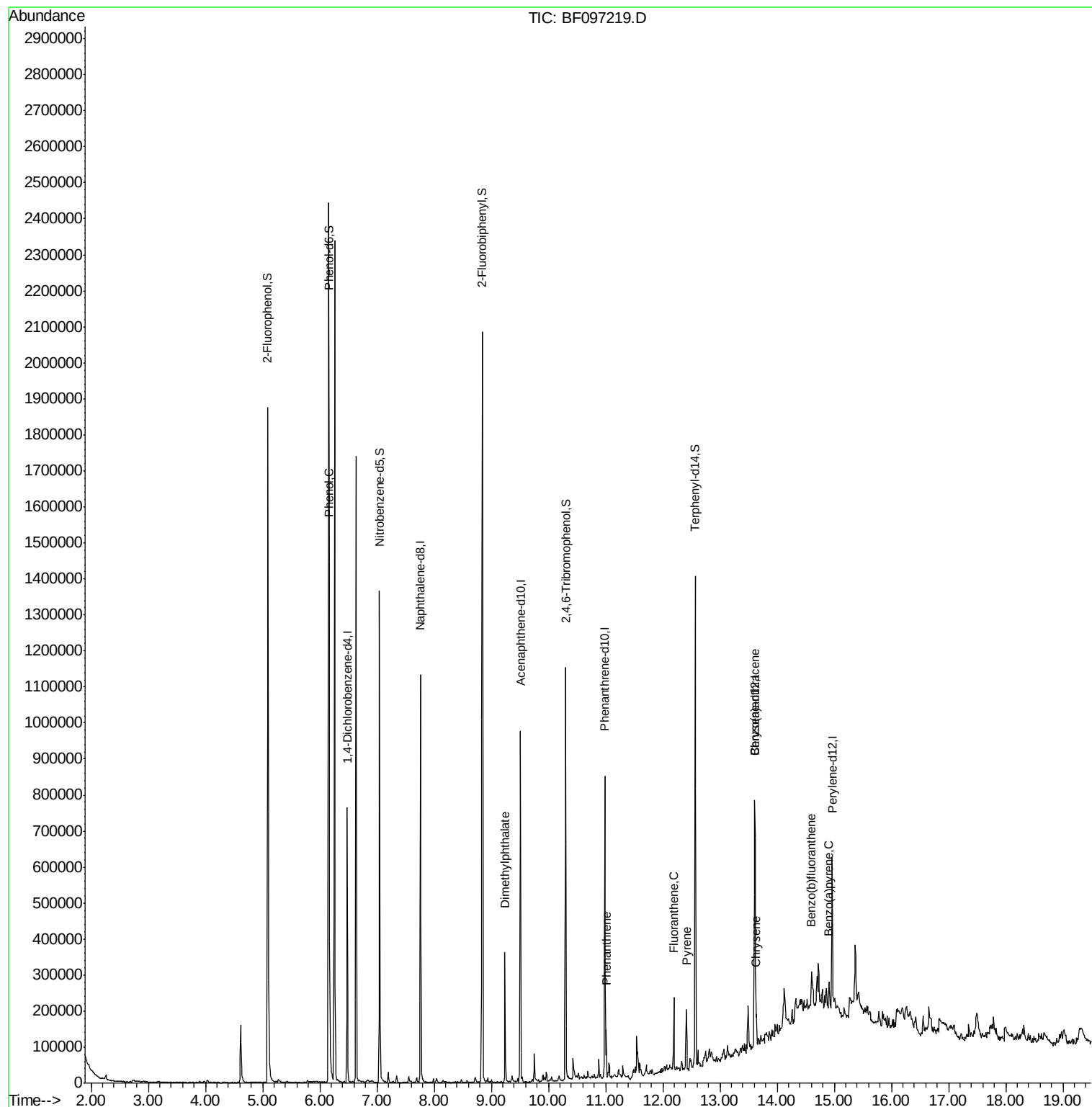
Data Path : Z:\HPCHEM1\BNA F\DATA\BF073117\
Data File : BF097219.D
Acq On : 31 Jul 2017 20:28
Operator : SJ/JU
Sample : I4467-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

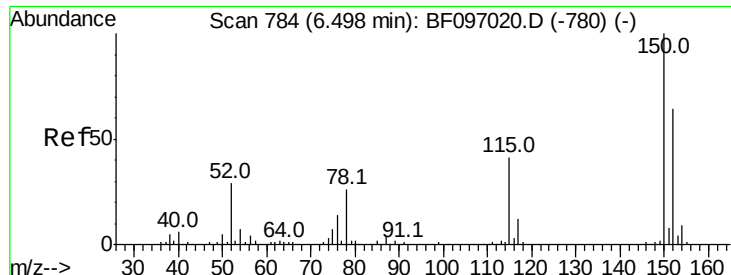
Instrument :
BNA_F
ClientSampleId :
B-4(0-10)COMP

Manual Integrations
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8/1/2017 5:44:53 PM

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
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#1

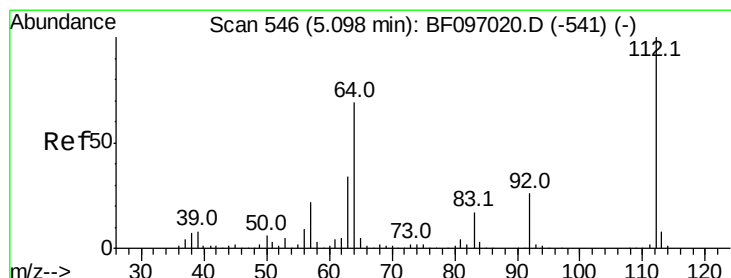
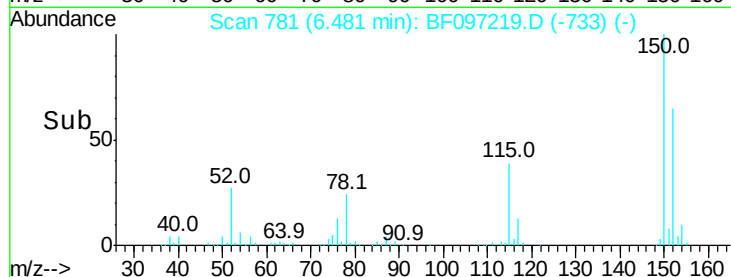
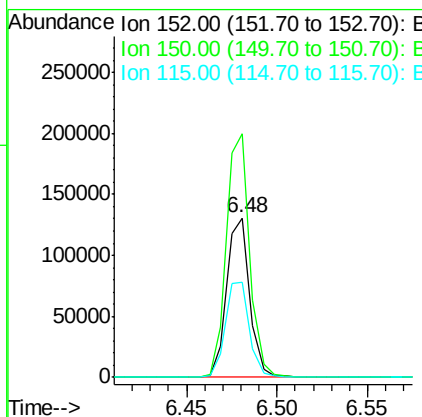
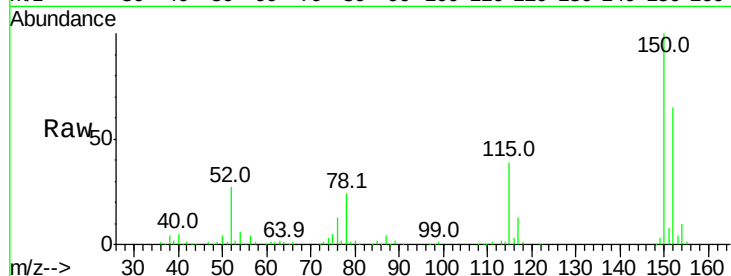
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.48 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF097219.D
Acq: 31 Jul 2017 20:28

Instrument :
BNA_F
ClientSampleId :
B-4(0-10)COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	126.2	189.2
115	59.4	52.2	78.2

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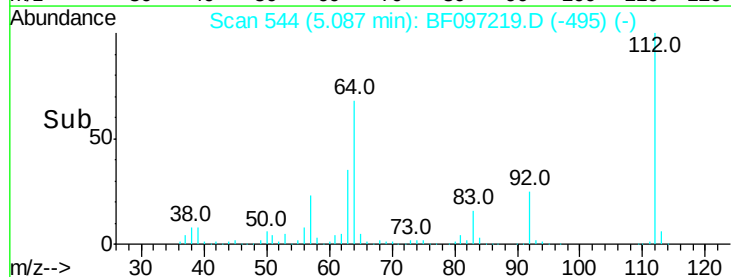
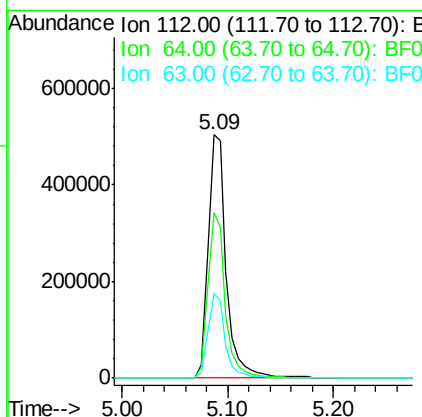
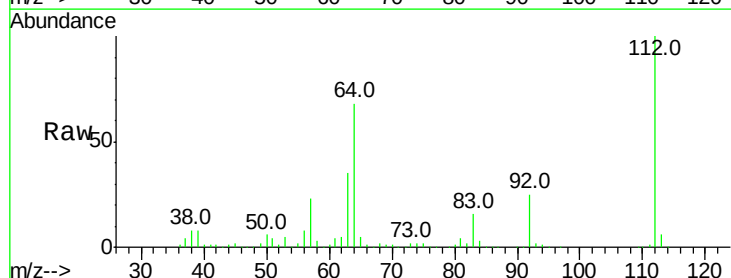
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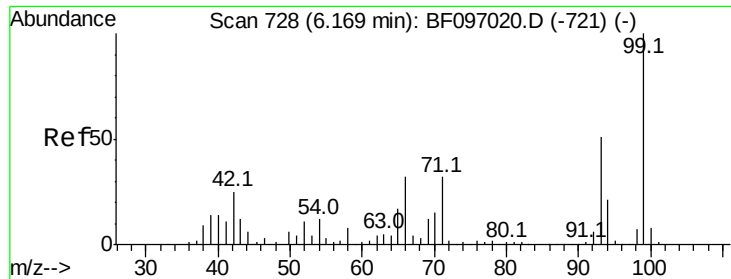


#5

2-Fluorophenol
Concen: 78.981 ng
RT: 5.09 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF097219.D
Acq: 31 Jul 2017 20:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.9	46.0	69.0
63	34.6	23.4	35.0





#7

Phenol-d6

Concen: 94.572 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097219.D

Acq: 31 Jul 2017 20:28

Instrument :

BNA_F

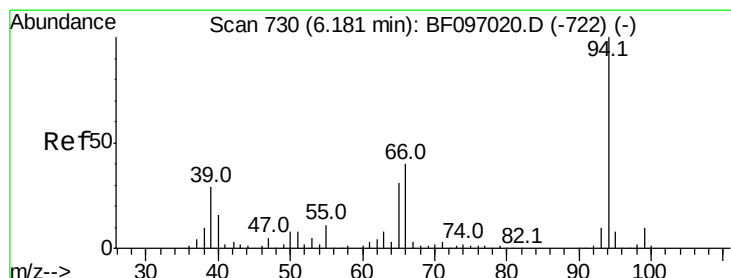
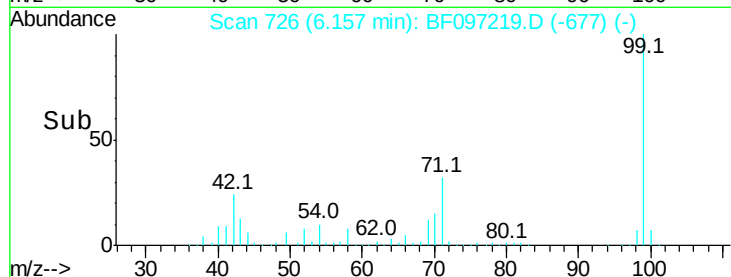
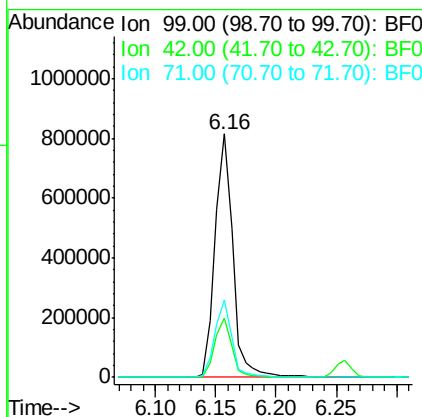
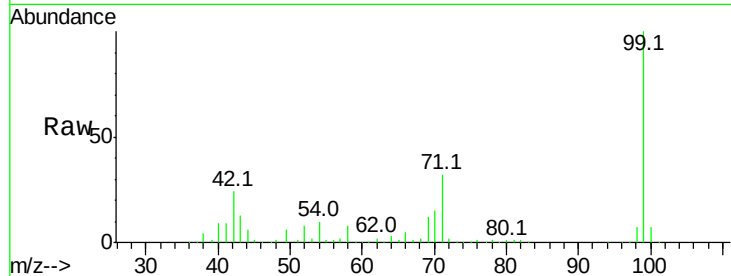
ClientSampled :

B-4(0-10)COMP

Tot Ion:	99	Resp:	826403
Ion Ratio	Lower	Upper	
99	100		
42	24.2	13.5	20.3#
71	31.8	24.5	36.7

Manual Integrations
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#10

Phenol

Concen: 2.211 ng

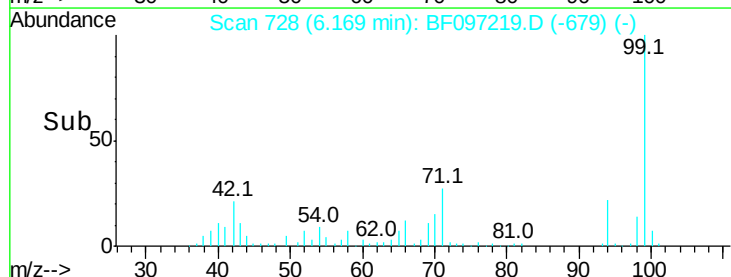
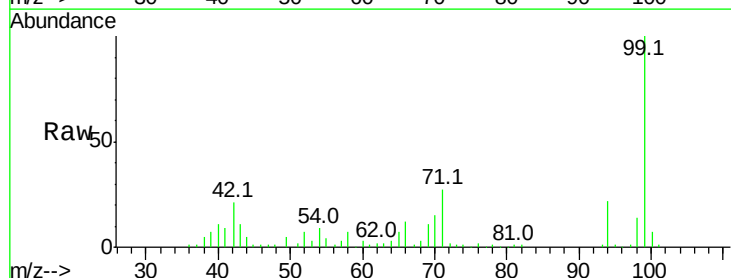
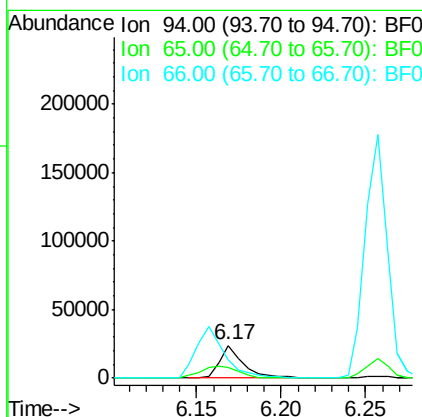
RT: 6.17 min Scan# 728

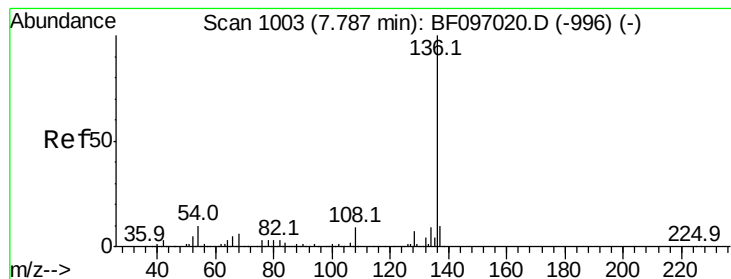
Delta R.T. -0.01 min

Lab File: BF097219.D

Acq: 31 Jul 2017 20:28

Tgt Ion:	94	Resp:	22921
Ion Ratio	Lower	Upper	
94	100		
65	31.0	9.9	49.9
66	55.7	23.1	63.1





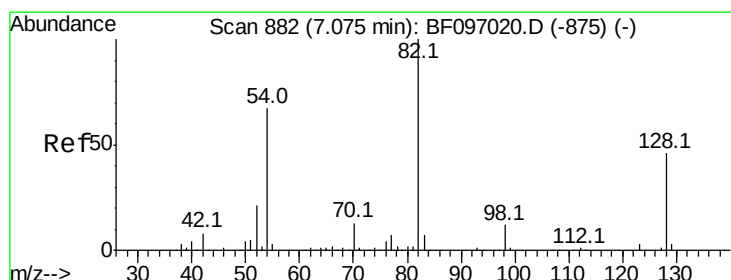
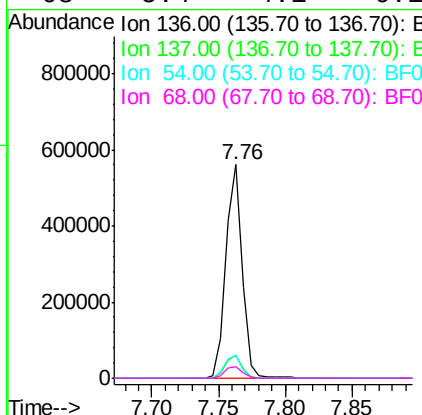
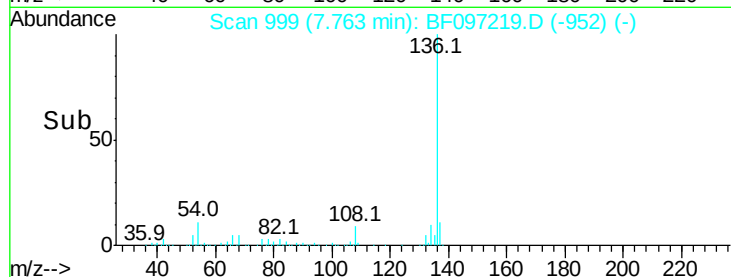
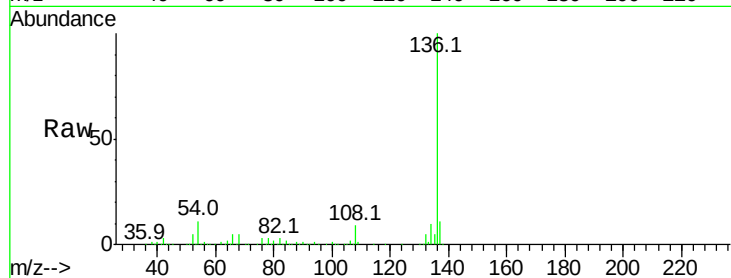
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.76 min Scan# 999
Delta R.T. -0.02 min
Lab File: BF097219.D
Acq: 31 Jul 2017 20:28

Instrument :
BNA_F
ClientSampleId :
B-4(0-10)COMP

Tot Ion	Ratio	Resp	Lower	Upper
136	100	488149		
137	10.6		8.5	12.7
54	10.6		4.9	7.3#
68	5.4		4.1	6.1

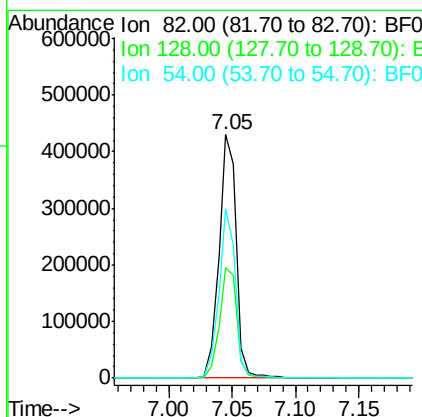
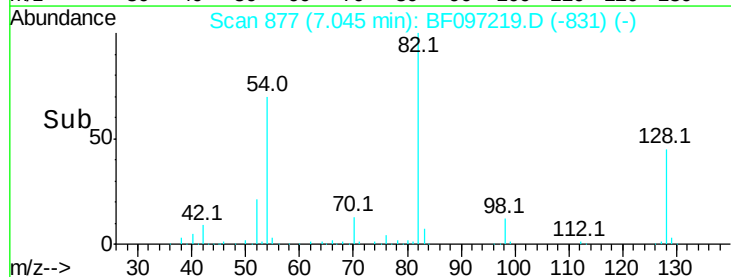
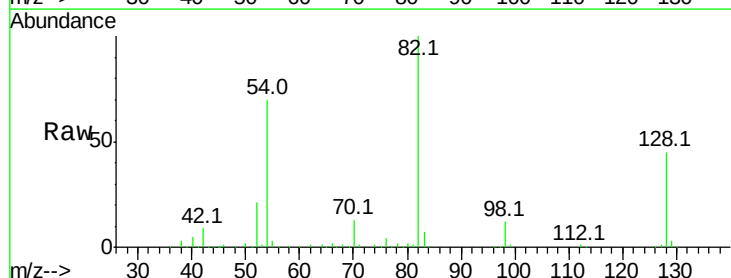
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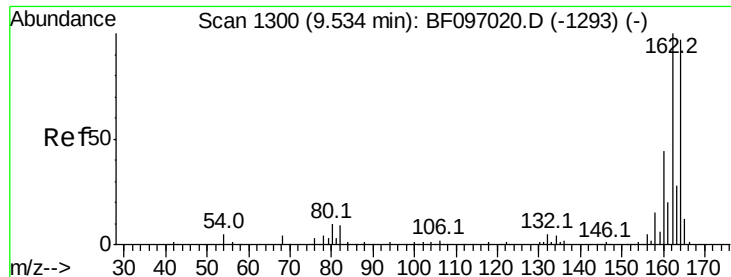
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#23
Nitrobenzene-d5
Concen: 49.518 ng
RT: 7.05 min Scan# 877
Delta R.T. -0.03 min
Lab File: BF097219.D
Acq: 31 Jul 2017 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	412048		
128	45.2		34.0	51.0
54	69.6		42.2	63.2#





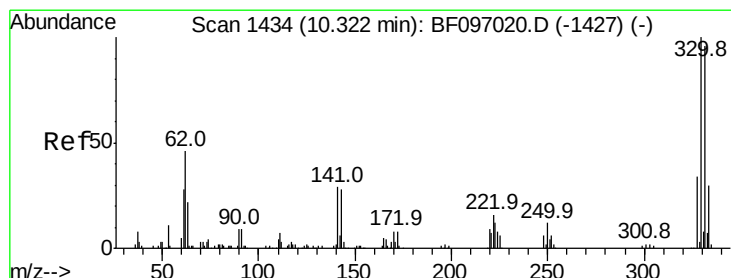
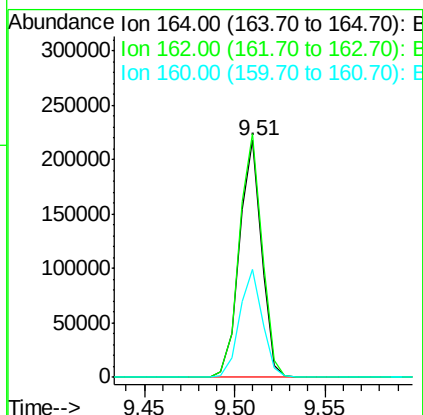
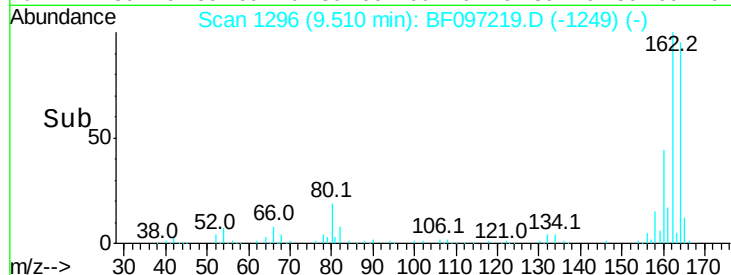
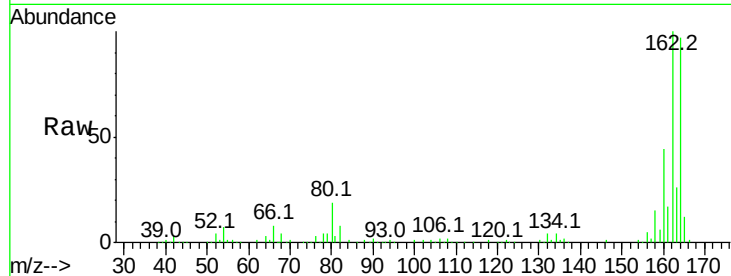
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.51 min Scan# 1296
 Delta R.T. -0.02 min
 Lab File: BF097219.D
 Acq: 31 Jul 2017 20:28

Instrument :
 BNA_F
 ClientSampleId :
 B-4(0-10)COMP

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.6	123.8
160	45.5	36.2	54.2

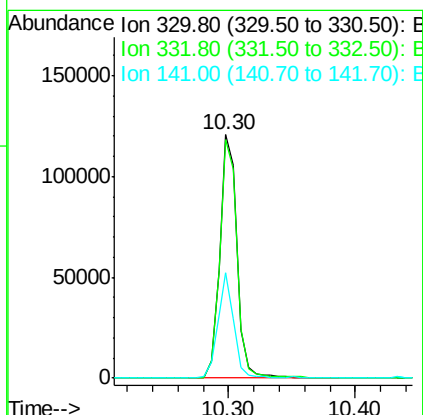
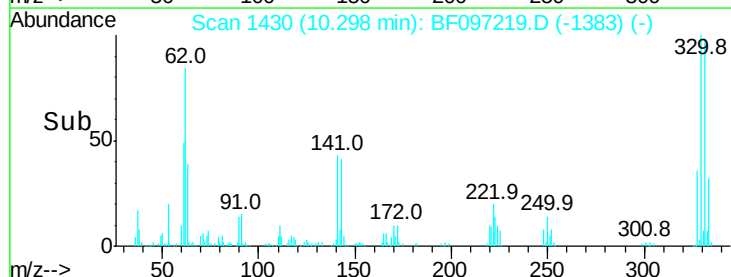
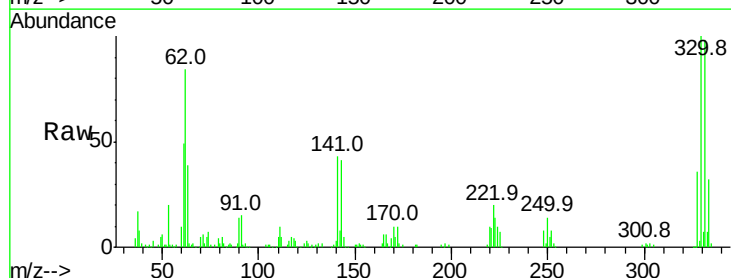
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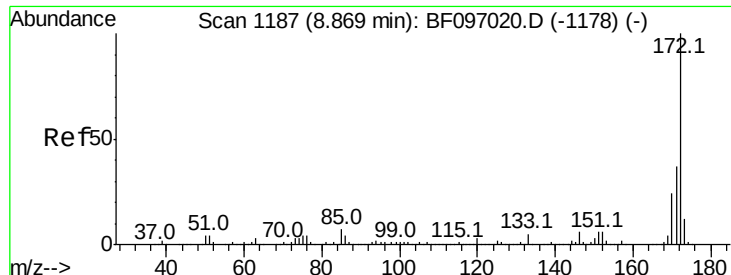
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#41
 2,4,6-Tribromophenol
 Concen: 78.722 ng
 RT: 10.30 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF097219.D
 Acq: 31 Jul 2017 20:28

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.8	76.6	115.0
141	39.7	31.4	47.2





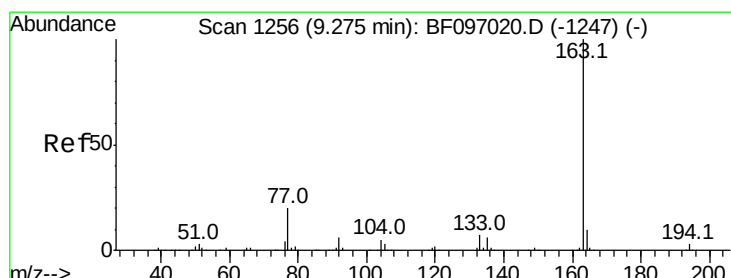
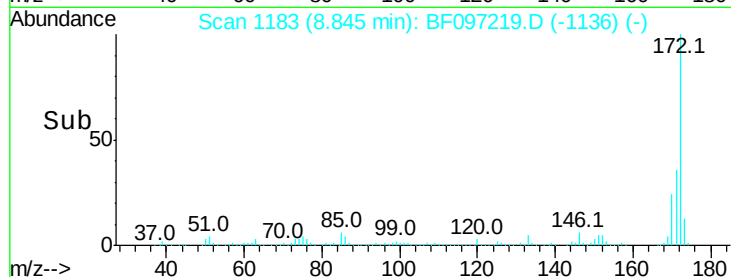
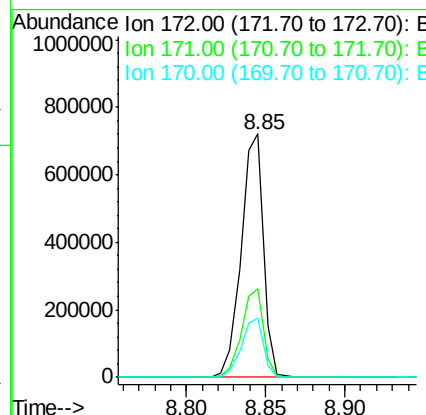
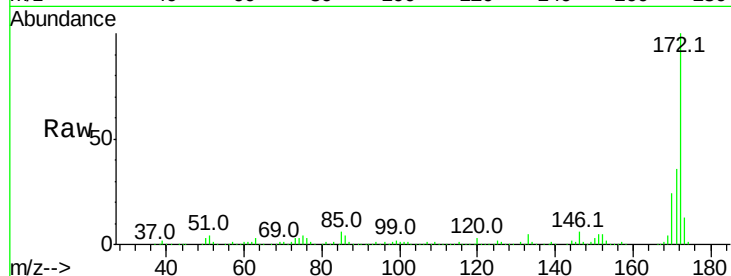
#44
2-Fluorobiphenyl
Concen: 63.995 ng
RT: 8.85 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF097219.D
Acq: 31 Jul 2017 20:28

Instrument :
BNA_F
ClientSampleId :
B-4(0-10)COMP

Tot Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	36.4	29.6	44.4
170	24.1	19.8	29.8

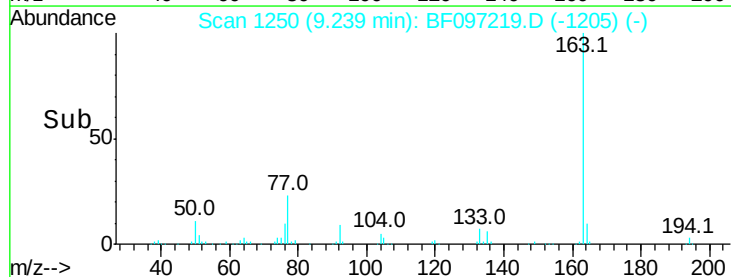
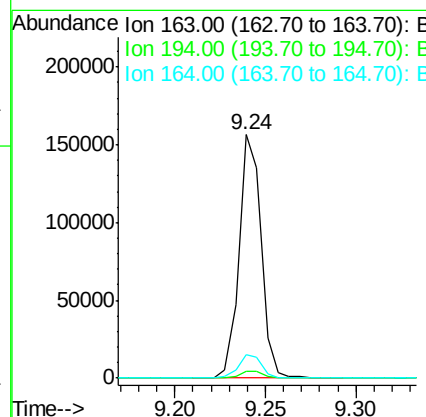
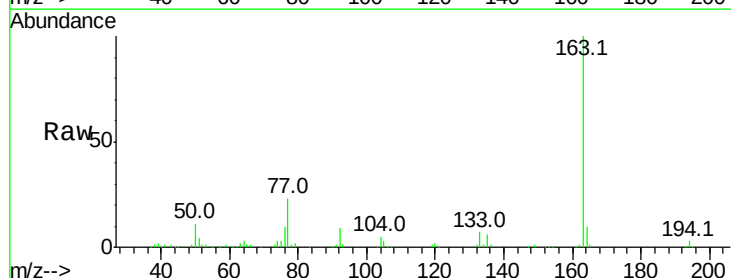
Manual Integrations
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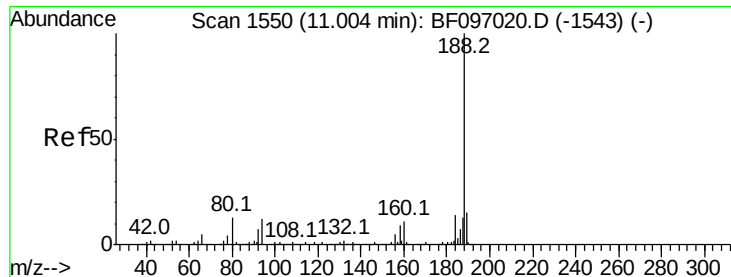
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#49
Dimethylphthalate
Concen: 9.467 ng
RT: 9.24 min Scan# 1250
Delta R.T. -0.04 min
Lab File: BF097219.D
Acq: 31 Jul 2017 20:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	2.7	2.6	4.0
164	9.7	8.4	12.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 10.99 min Scan# 1547

Delta R.T. -0.02 min

Lab File: BF097219.D

Acq: 31 Jul 2017 20:28

Instrument :

BNA_F

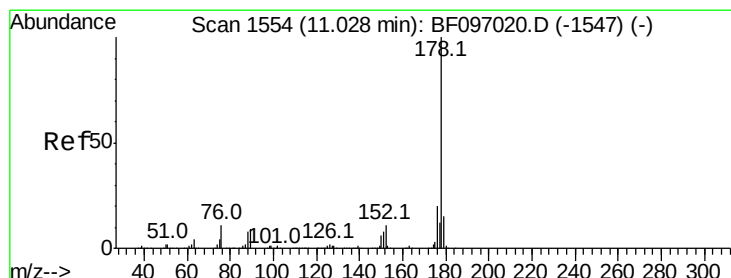
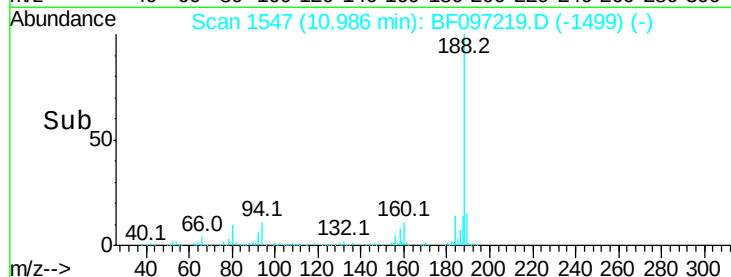
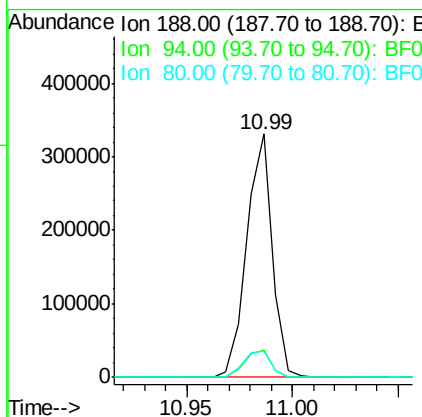
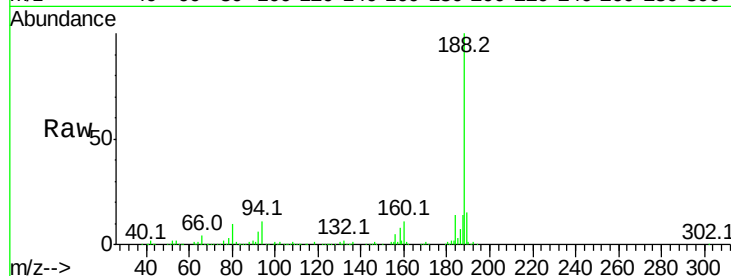
ClientSampleId :

B-4(0-10)COMP

Tot Ion:	188	Resp:	278096
Ion Ratio	Lower	Upper	
188	100		
94	11.3	9.4	14.2
80	10.4	10.2	15.2

Manual Integrations
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#70

Phenanthrene

Concen: 3.187 ng

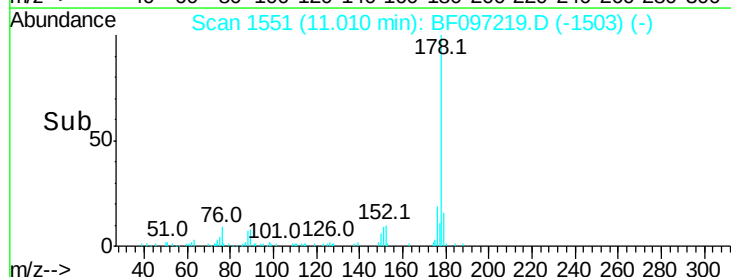
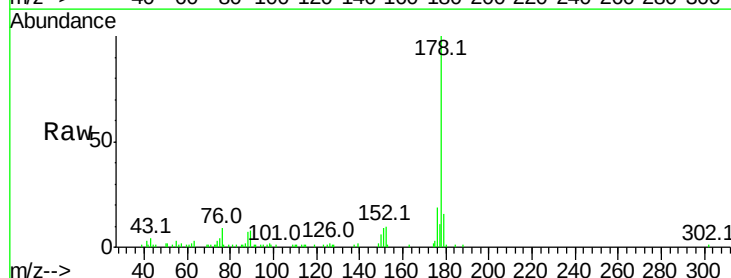
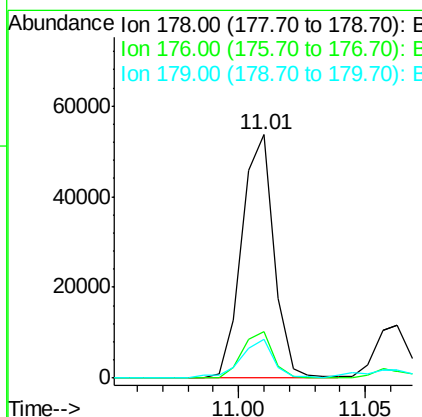
RT: 11.01 min Scan# 1551

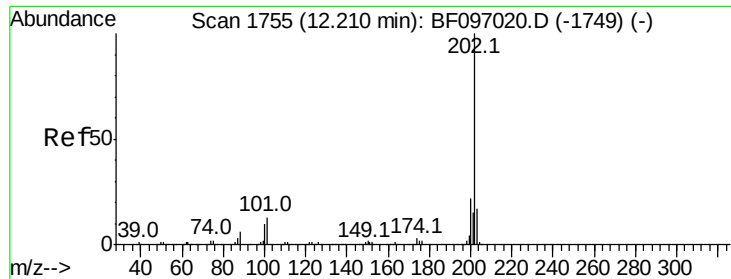
Delta R.T. -0.02 min

Lab File: BF097219.D

Acq: 31 Jul 2017 20:28

Tgt Ion:	178	Resp:	47483
Ion Ratio	Lower	Upper	
178	100		
176	18.9	16.2	24.4
179	15.9	12.6	19.0





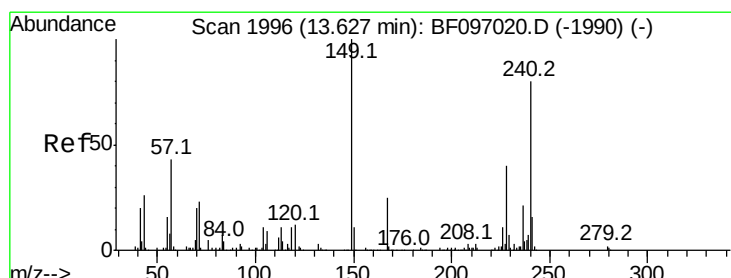
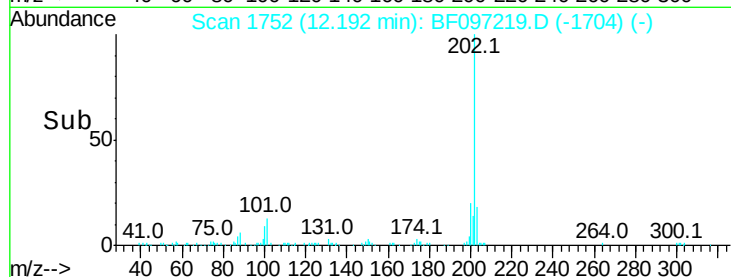
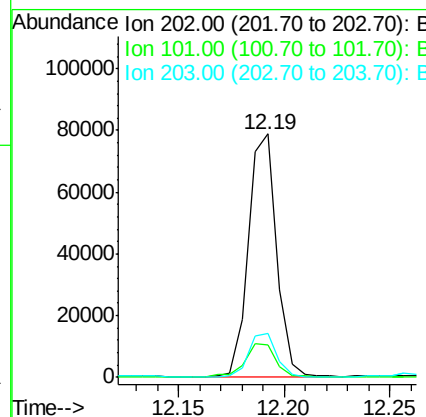
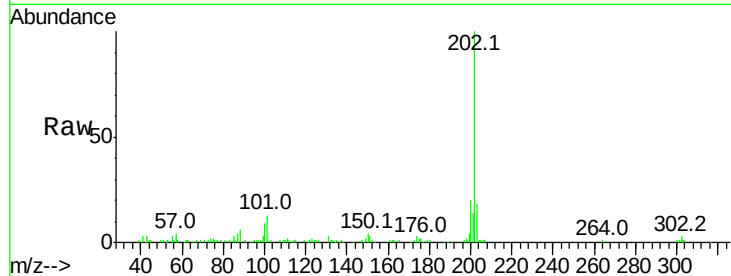
#74
Fluoranthene
Concen: 5.017 ng
RT: 12.19 min Scan# 1752
Delta R.T. -0.02 min
Lab File: BF097219.D
Acq: 31 Jul 2017 20:28

Instrument :
BNA_F
ClientSampleId :
B-4(0-10)COMP

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.2	0.0	33.2
203	18.1	0.0	38.1

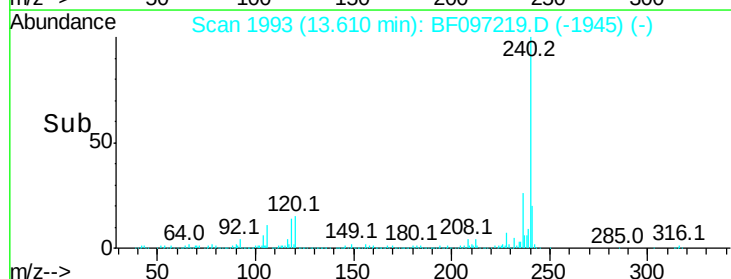
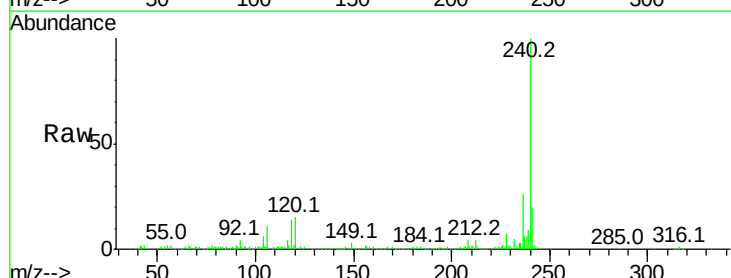
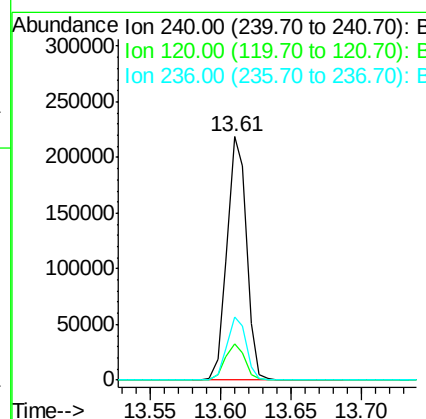
Manual Integrations
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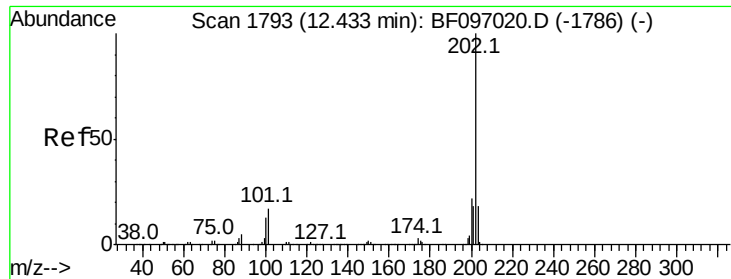
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.61 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BF097219.D
Acq: 31 Jul 2017 20:28

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.0	5.8	8.8#
236	26.1	20.5	30.7





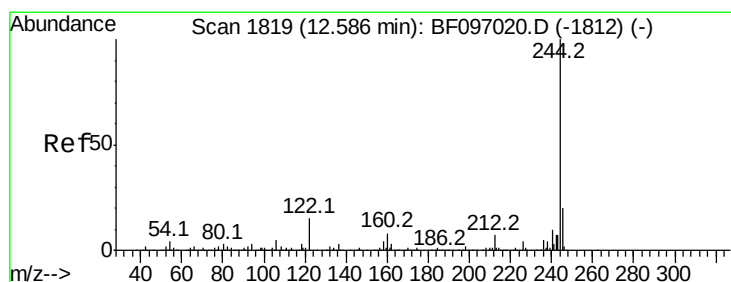
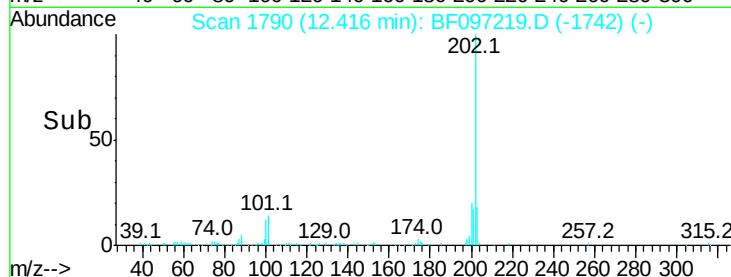
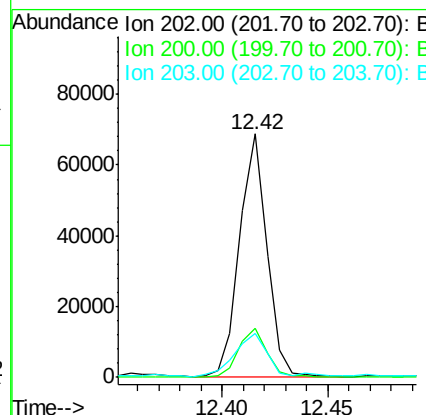
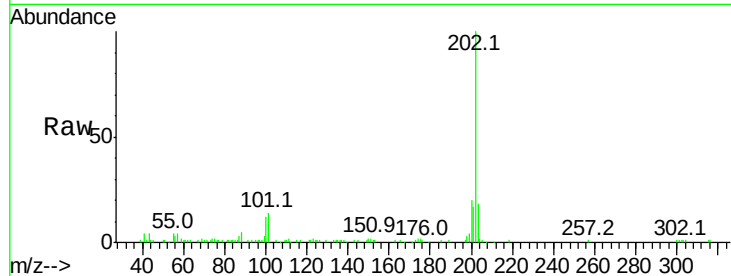
#77
Pvrene
Concen: 3.579 ng
RT: 12.42 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BF097219.D
Acq: 31 Jul 2017 20:28

Instrument :
BNA_F
ClientSampleId :
B-4(0-10)COMP

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.6	26.4
203	18.2	14.4	21.6

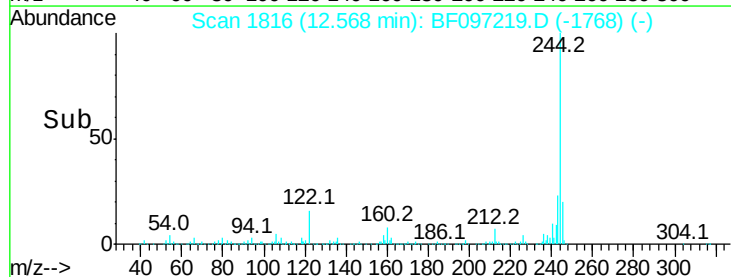
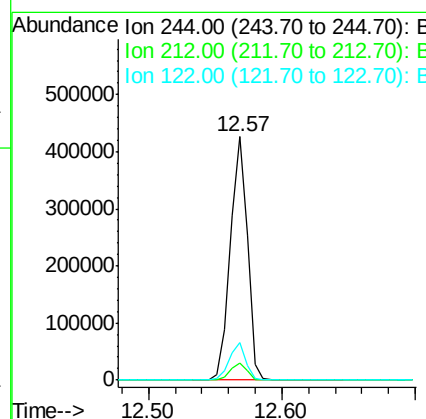
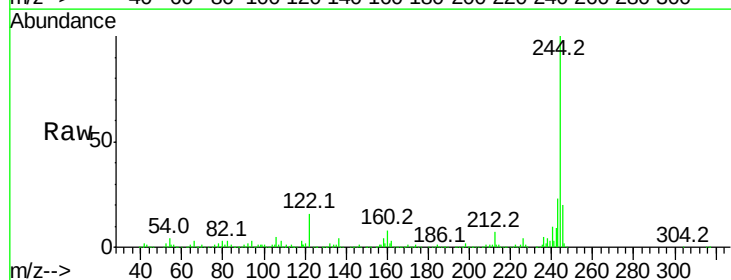
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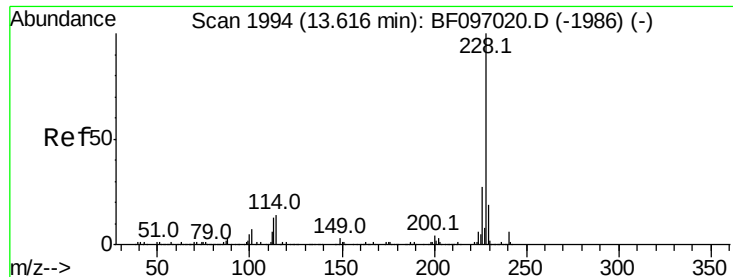
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#78
Terphenyl-d14
Concen: 37.466 ng
RT: 12.57 min Scan# 1816
Delta R.T. -0.02 min
Lab File: BF097219.D
Acq: 31 Jul 2017 20:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	15.6	10.3	15.5#





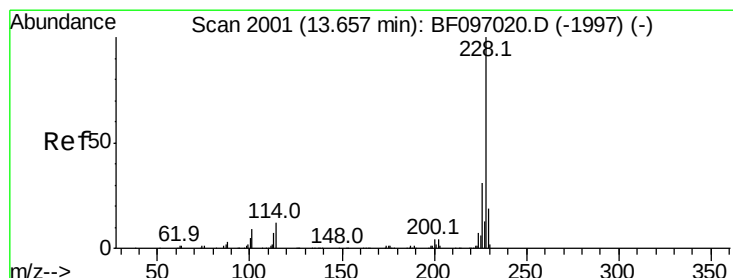
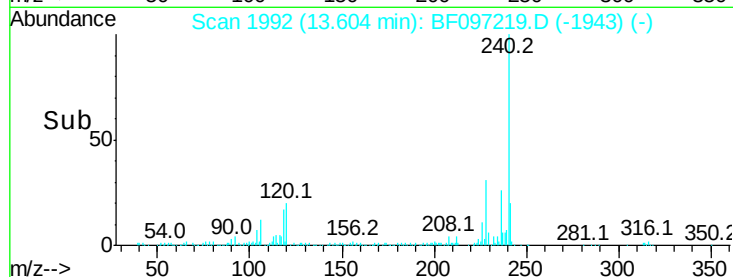
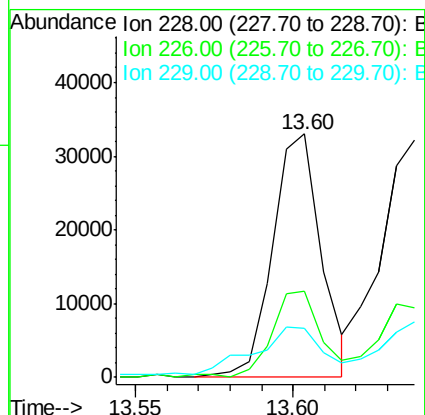
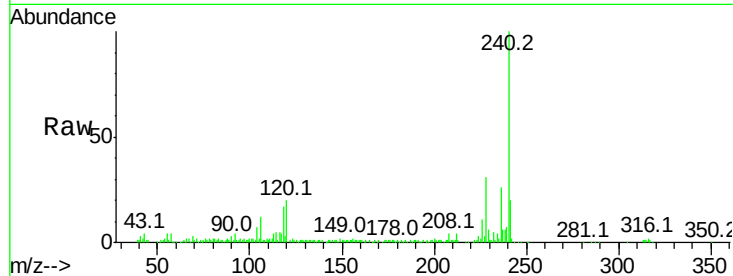
#80
Benzo(a)anthracene
Concen: 2.582 ng m
RT: 13.60 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF097219.D
Acq: 31 Jul 2017 20:28

Instrument :
BNA_F
ClientSampleId :
B-4(0-10)COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	35.5	22.6	33.8#
229	20.0	16.3	24.5

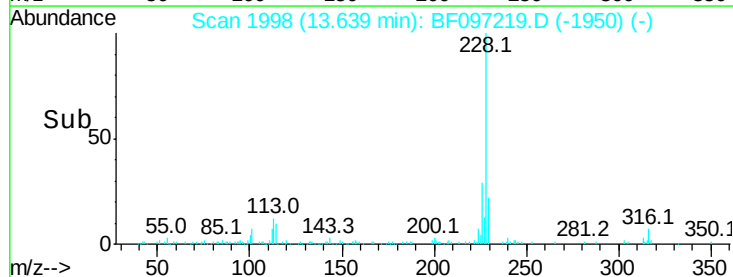
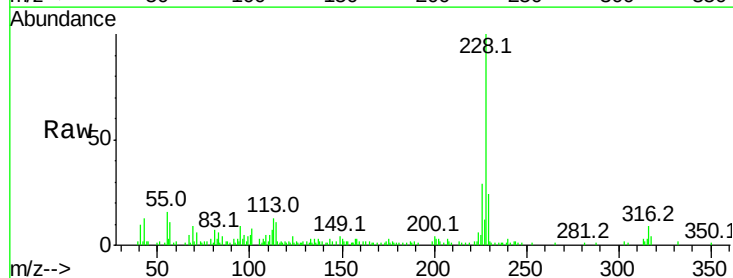
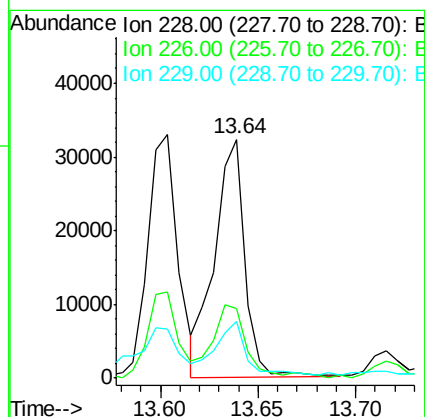
Manual Integrations
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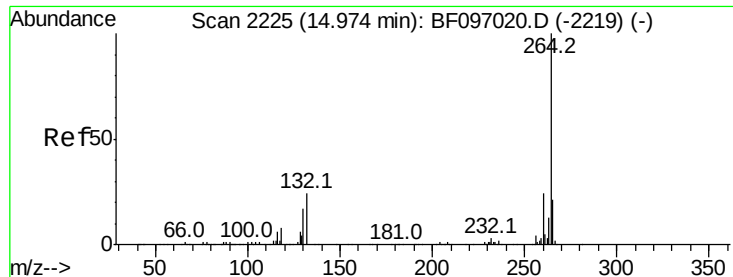
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#82
Chrysene
Concen: 2.612 ng
RT: 13.64 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BF097219.D
Acq: 31 Jul 2017 20:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.9	37.3
229	23.6	15.8	23.6





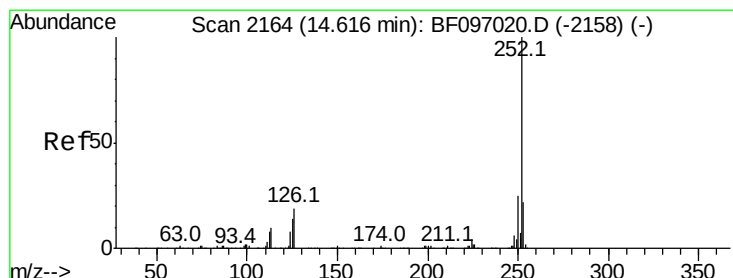
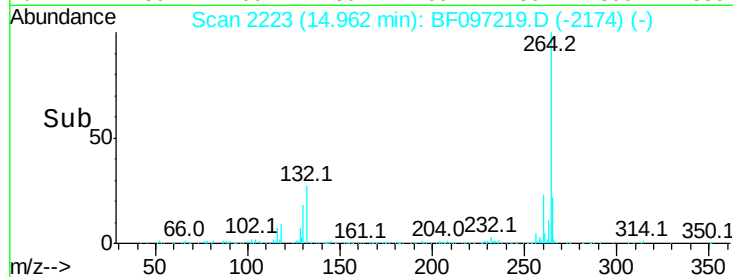
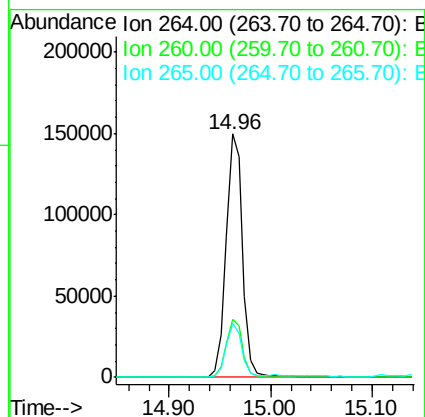
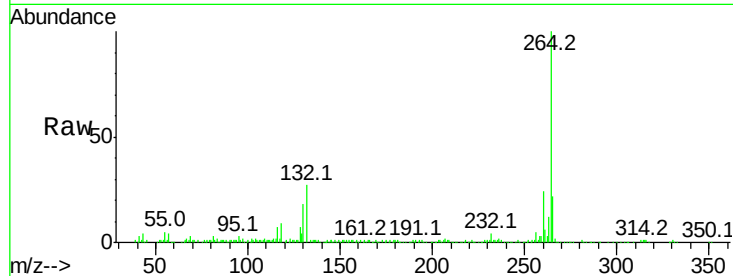
#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.96 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF097219.D
Acq: 31 Jul 2017 20:28

Instrument :
BNA_F
ClientSampleId :
B-4(0-10)COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	22.1	17.2	25.8

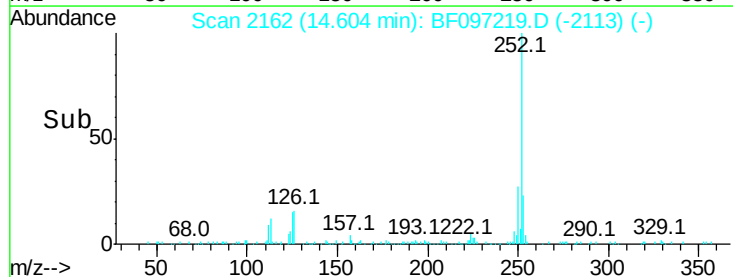
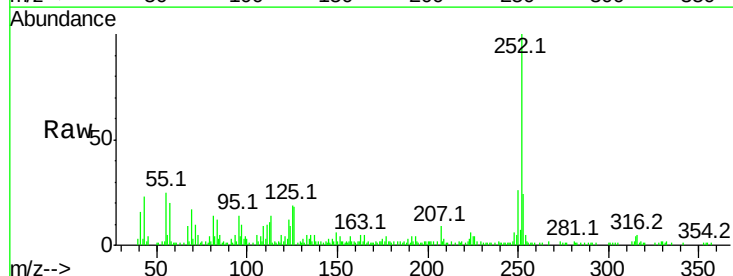
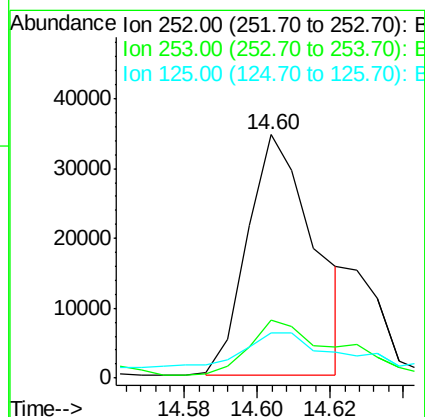
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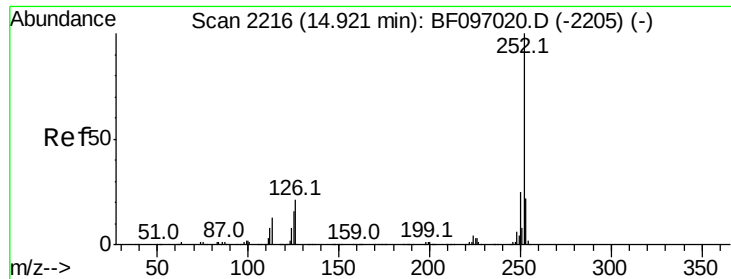
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#87
Benzo(b)fluoranthene
Concen: 4.322 ng m
RT: 14.60 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF097219.D
Acq: 31 Jul 2017 20:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.1	27.1
125	18.6	9.8	14.8





#89
Benzo(a)pyrene
Concen: 2.972 ng
RT: 14.91 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF097219.D
Acq: 31 Jul 2017 20:28

Instrument :
BNA_F
ClientSampleId :
B-4(0-10)COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	18.2	11.0	16.4

Manual Integrations
APPROVED

Sohil
8/1/2017 5:44:53 PM

