

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
 Data File : BF097375.D
 Acq On : 5 Aug 2017 00:20
 Operator : SJ/JU
 Sample : I4582-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S1

Manual Integrations
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Sohil
 8/7/2017 6:10:10 PM

Quant Time: Aug 07 12:04:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 01:17:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.44	152	106007	20.00	ng	-0.06
21) Naphthalene-d8	7.72	136	417458	20.00	ng	-0.06
38) Acenaphthene-d10	9.46	164	157522	20.00	ng	-0.07
63) Phenanthrene-d10	10.93	188	236405	20.00	ng	-0.07
75) Chrysene-d12	13.55	240	189169	20.00	ng	-0.08
86) Perylene-d12	14.89	264	161401	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	461049	65.56	ng	-0.06
7) Phenol-d6	6.11	99	546306	68.05	ng	-0.06
23) Nitrobenzene-d5	7.01	82	307715	43.24	ng	-0.06
41) 2,4,6-Tribromophenol	10.25	330	75795	60.90	ng	-0.07
44) 2-Fluorobiphenyl	8.80	172	543449	58.55	ng	-0.07
78) Terphenyl-d14	12.51	244	328544	35.41	ng	-0.08
Target Compounds						
10) Phenol	6.13	94	23606	2.479	ng	78
49) Dimethylphthalate	9.20	163	118716	9.924	ng	# 99
70) Phenanthrene	10.96	178	34214	2.701	ng	99
74) Fluoranthene	12.14	202	72773	5.865	ng	96
77) Pyrene	12.36	202	64827	4.186	ng	98
80) Benzo(a)anthracene	13.54	228	35763	2.922	ng	95
82) Chrysene	13.57	228	34944	2.924	ng	96
87) Benzo(b)fluoranthene	14.54	252	44912m	4.629	ng	
89) Benzo(a)pyrene	14.84	252	31167	3.510	ng	97

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

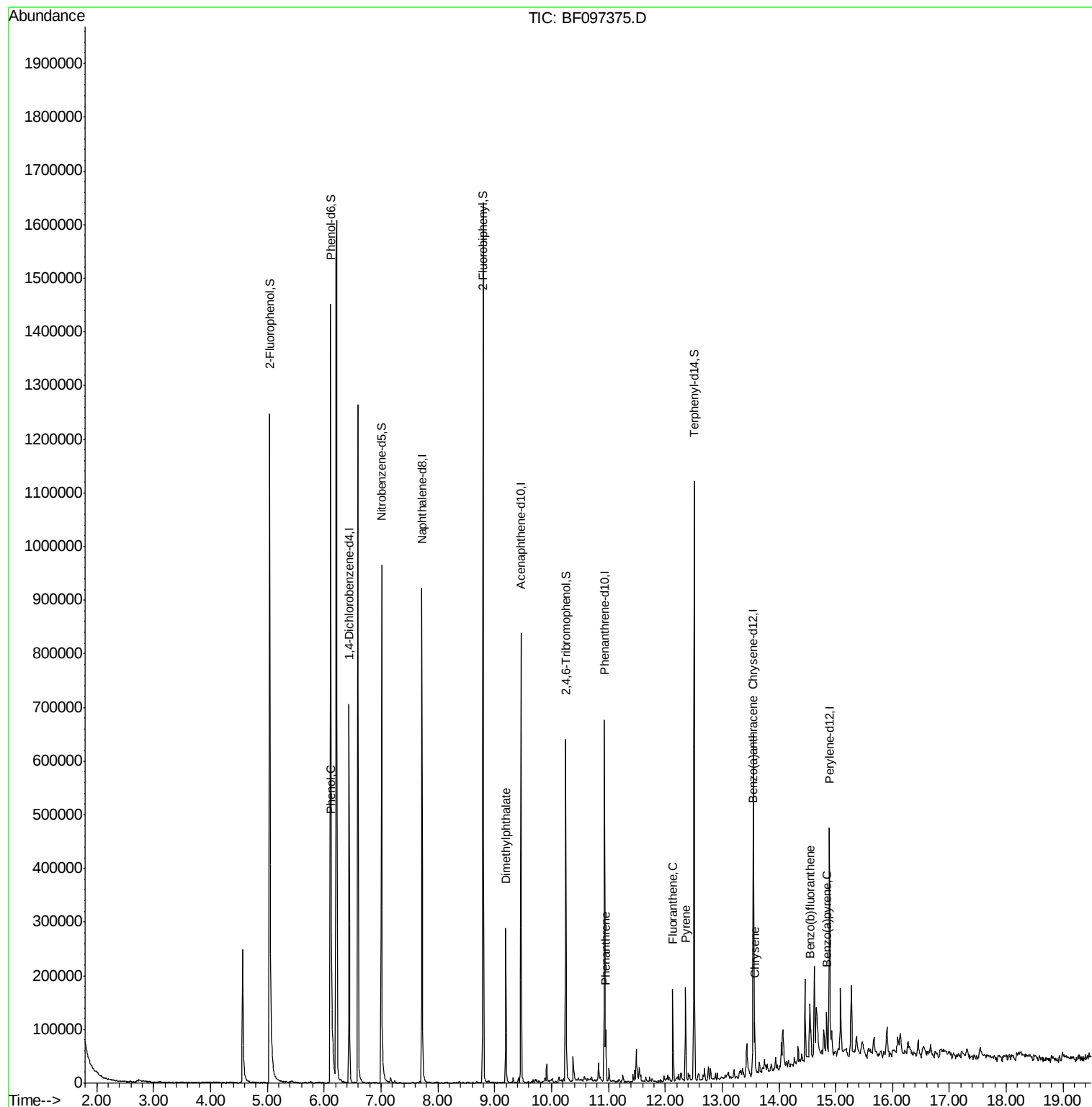
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
Data File : BF097375.D
Acq On : 5 Aug 2017 00:20
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Sample : I4582-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

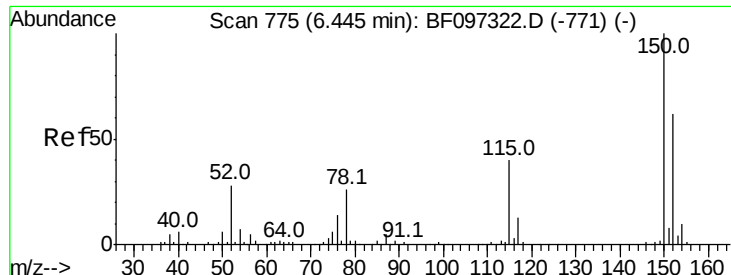
Instrument :
BNA_F
ClientSampleId :
S1

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Quant Time: Aug 07 12:04:36 2017
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#1

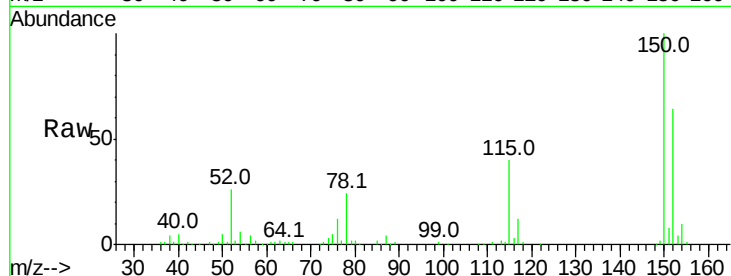
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.44 min Scan# 791
 Delta R.T. -0.06 min
 Lab File: BF097375.D
 Acq: 5 Aug 2017 00:20

Instrument :
 BNA_F
 ClientSampled :
 S1

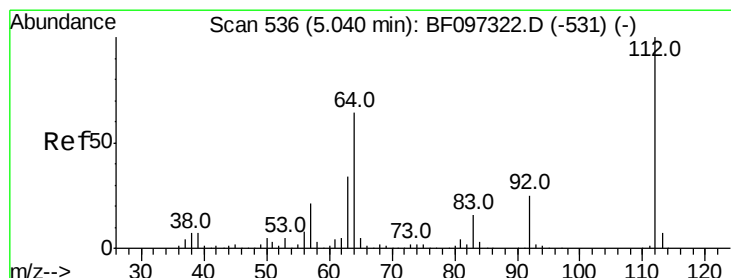
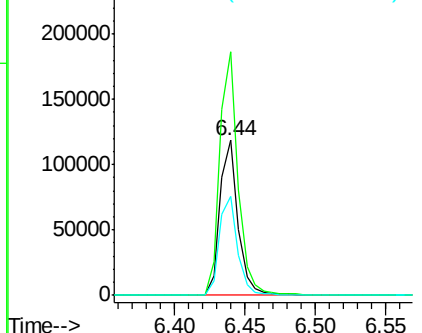
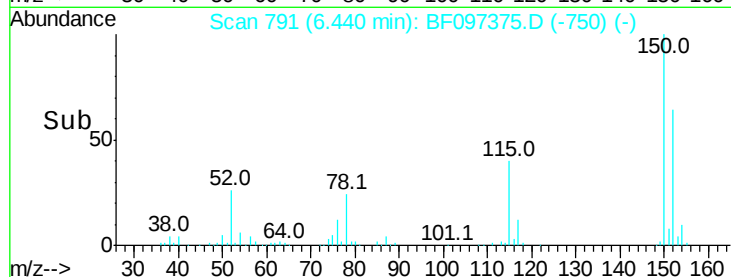
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.2	189.2
115	63.6	52.2	78.2

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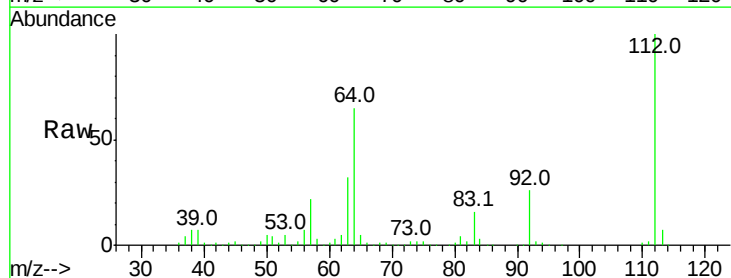
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



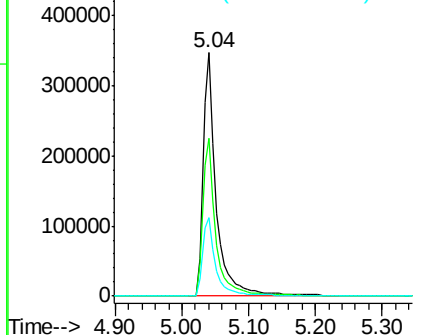
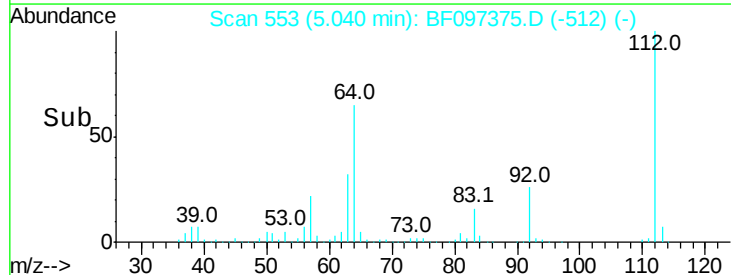
#5

2-Fluorophenol
 Concen: 65.564 ng
 RT: 5.04 min Scan# 553
 Delta R.T. -0.06 min
 Lab File: BF097375.D
 Acq: 5 Aug 2017 00:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.8	46.0	69.0
63	32.3	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: 68.051 ng

RT: 6.11 min Scan# 735

Delta R.T. -0.06 min

Lab File: BF097375.D

Acq: 5 Aug 2017 00:20

Instrument :

BNA_F

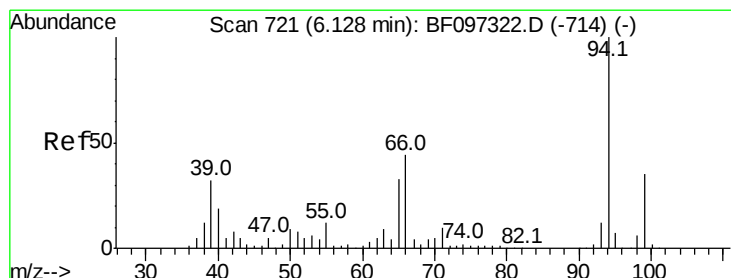
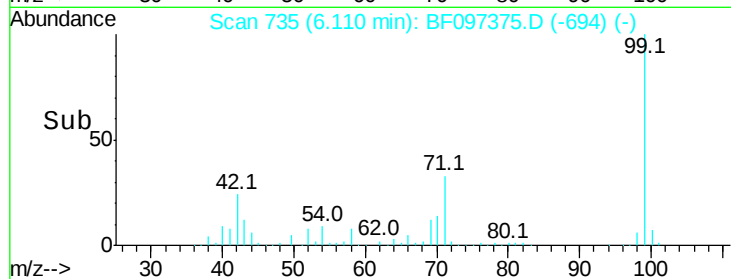
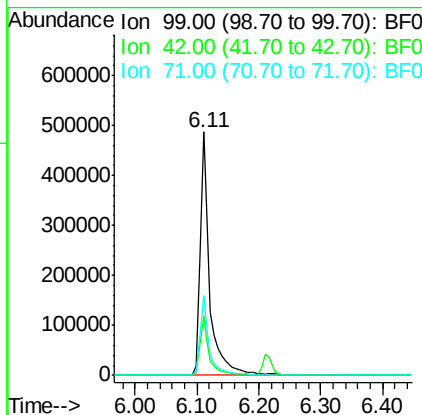
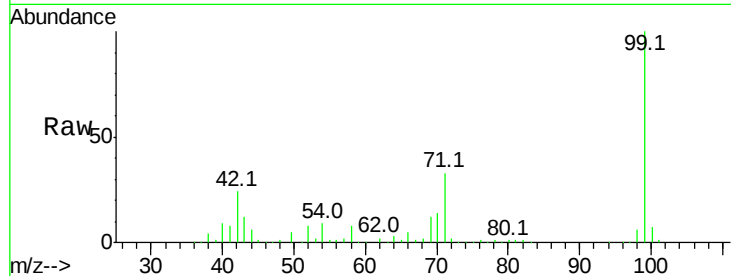
ClientSampled :

S1

Tot Ion:	99	Resp:	546306
Ion Ratio	Lower	Upper	
99	100		
42	24.3	13.5	20.3#
71	32.6	24.5	36.7

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#10

Phenol

Concen: 2.479 ng

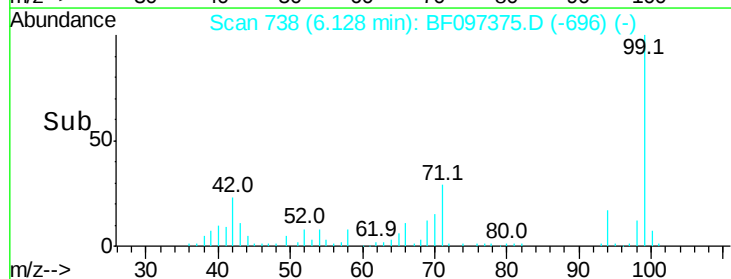
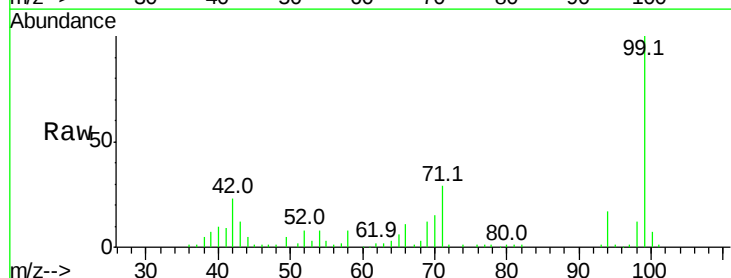
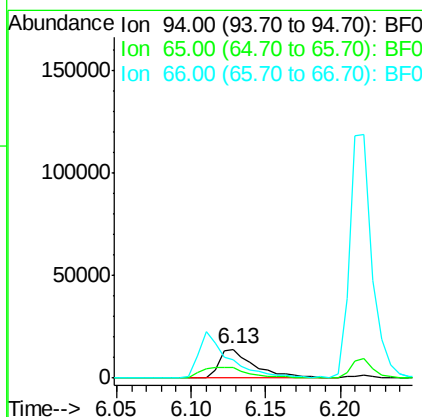
RT: 6.13 min Scan# 738

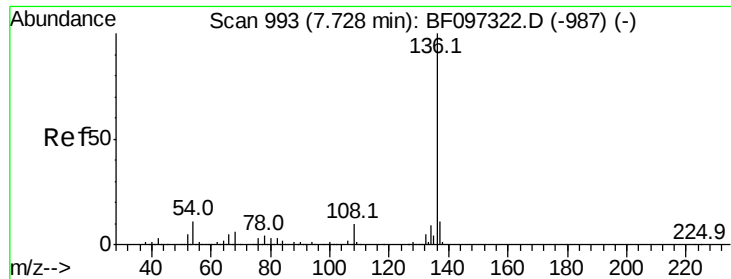
Delta R.T. -0.05 min

Lab File: BF097375.D

Acq: 5 Aug 2017 00:20

Tgt Ion:	94	Resp:	23606
Ion Ratio	Lower	Upper	
94	100		
65	35.8	9.9	49.9
66	62.0	23.1	63.1





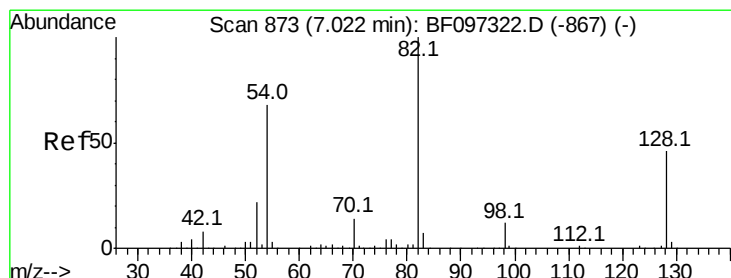
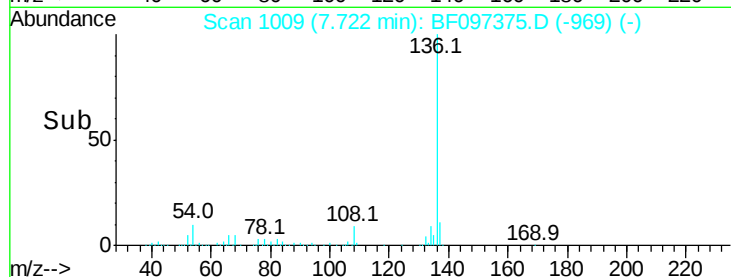
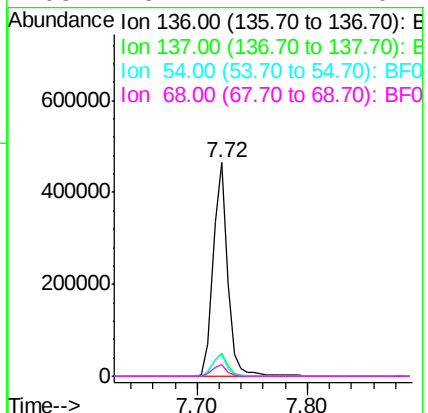
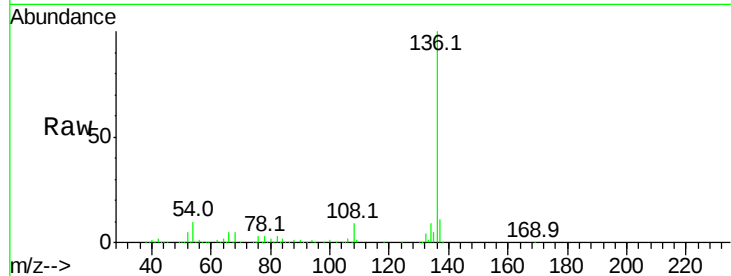
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.72 min Scan# 1009
Delta R.T. -0.06 min
Lab File: BF097375.D
Acq: 5 Aug 2017 00:20

Instrument :
BNA_F
ClientSampleId :
S1

Tot Ion	Ratio	Resp	Lower	Upper
136	100	417458		
137	10.6	8.5	12.7	
54	10.1	4.9	7.3#	
68	5.1	4.1	6.1	

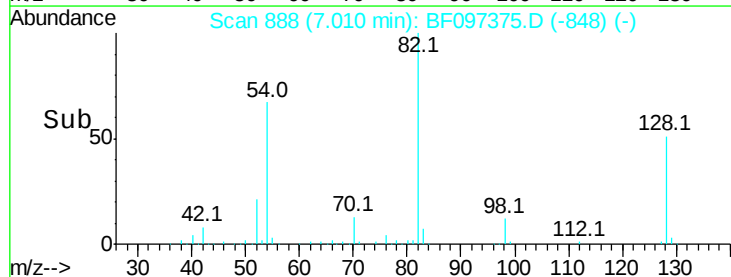
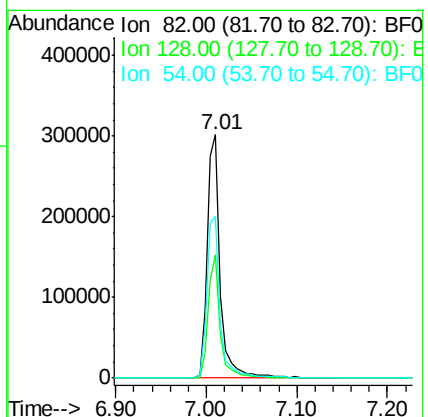
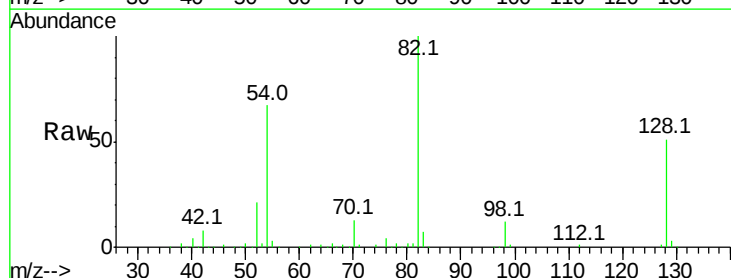
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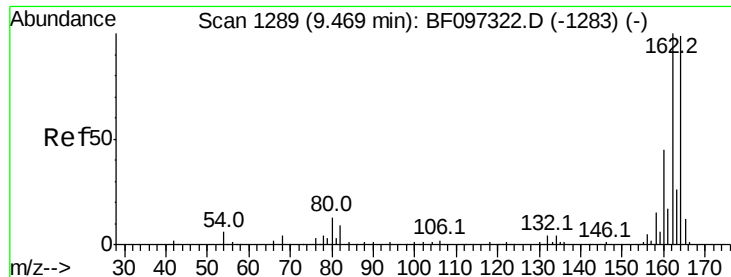
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#23
Nitrobenzene-d5
Concen: 43.242 ng
RT: 7.01 min Scan# 888
Delta R.T. -0.06 min
Lab File: BF097375.D
Acq: 5 Aug 2017 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	307715		
128	50.7	34.0	51.0	
54	66.7	42.2	63.2#	





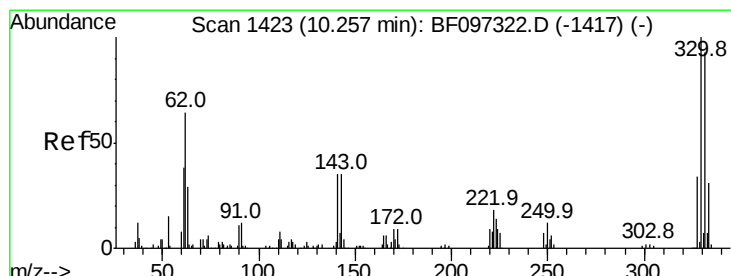
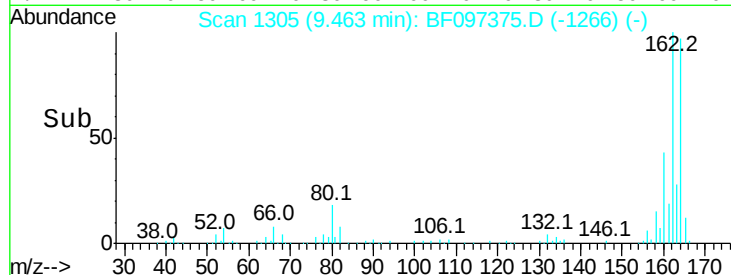
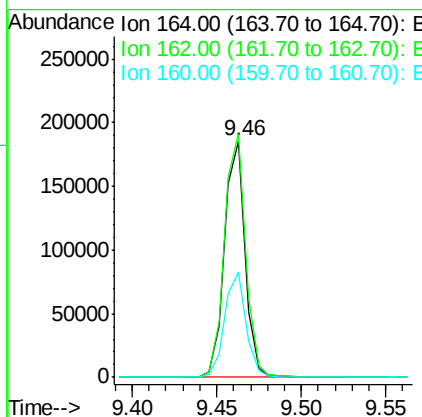
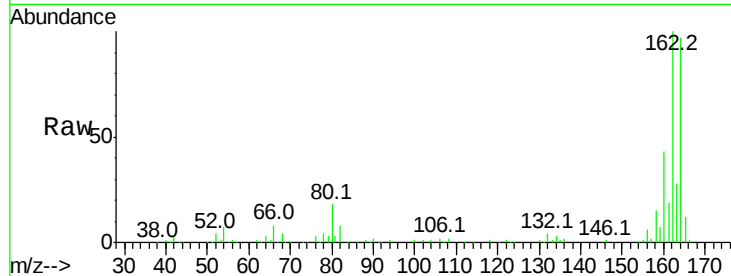
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.46 min Scan# 1305
 Delta R.T. -0.07 min
 Lab File: BF097375.D
 Acq: 5 Aug 2017 00:20

Instrument :
 BNA_F
 ClientSampled :
 S1

Tot Ion	Ratio	Resp	Lower	Upper
164	100	157522		
162	103.2	82.6	123.8	
160	44.6	36.2	54.2	

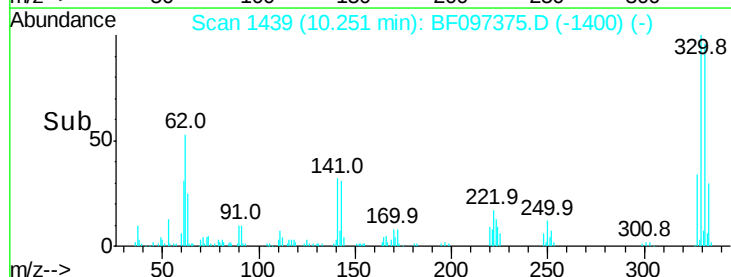
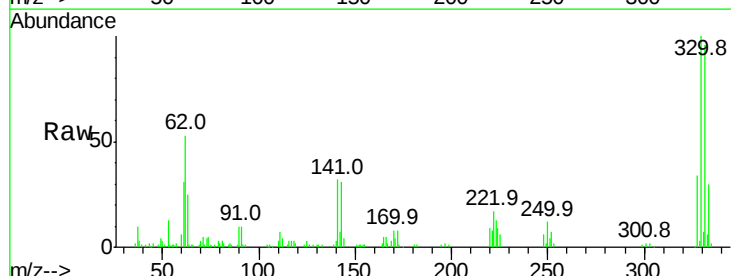
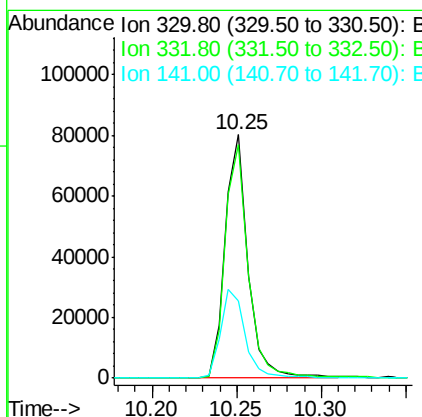
Manual Integrations
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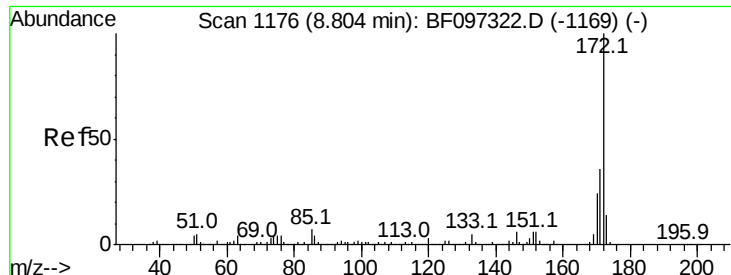
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#41
 2,4,6-Tribromophenol
 Concen: 60.900 ng
 RT: 10.25 min Scan# 1439
 Delta R.T. -0.07 min
 Lab File: BF097375.D
 Acq: 5 Aug 2017 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	75795		
332	97.7	76.6	115.0	
141	39.1	31.4	47.2	





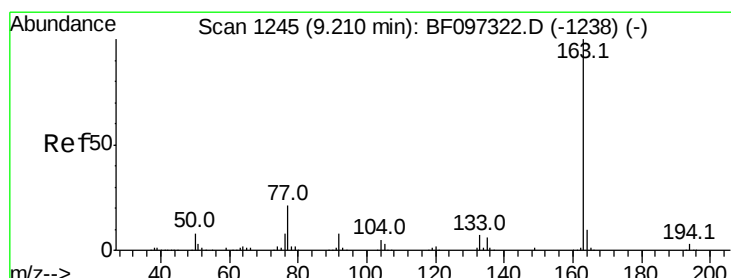
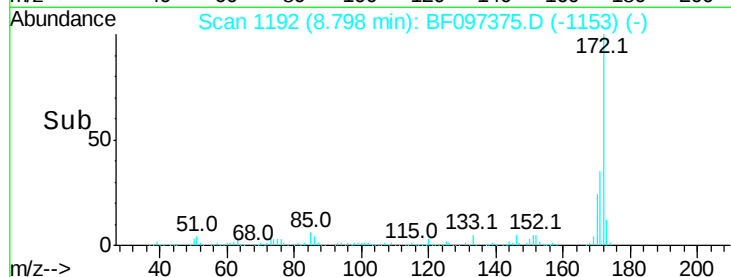
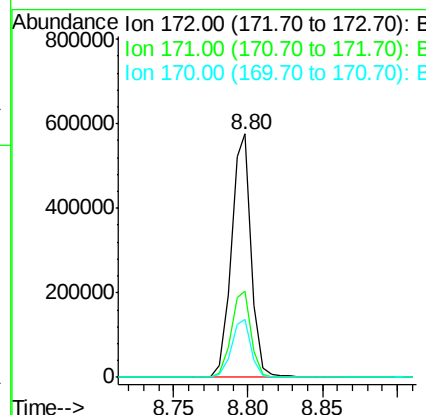
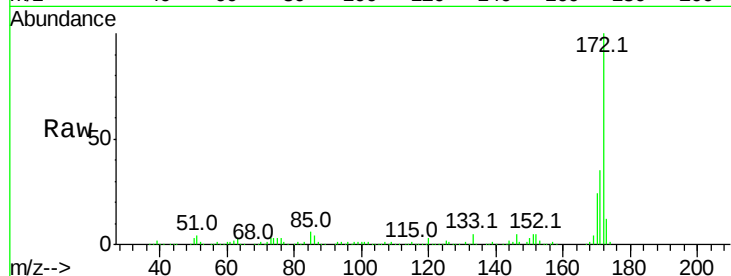
#44
2-Fluorobiphenyl
Concen: 58.550 ng
RT: 8.80 min Scan# 1192
Delta R.T. -0.07 min
Lab File: BF097375.D
Acq: 5 Aug 2017 00:20

Instrument :
BNA_F
ClientSampleId :
S1

Tot Ion	Ratio	Resp	Lower	Upper
172	100	543449		
171	35.4		29.6	44.4
170	24.0		19.8	29.8

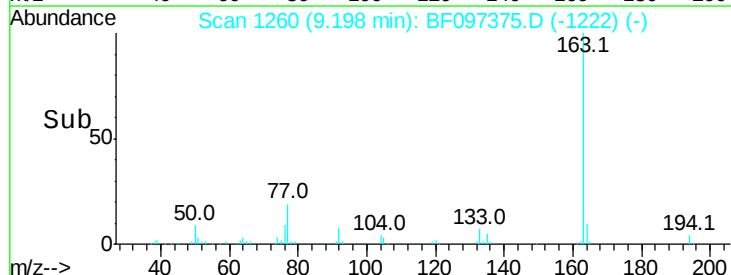
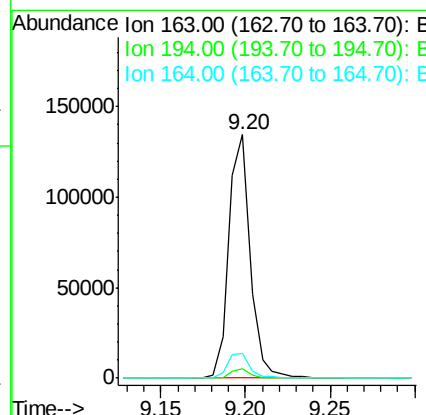
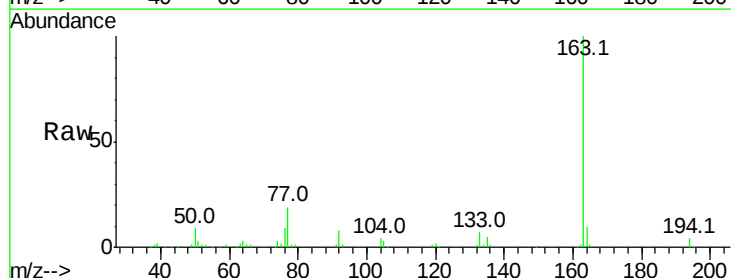
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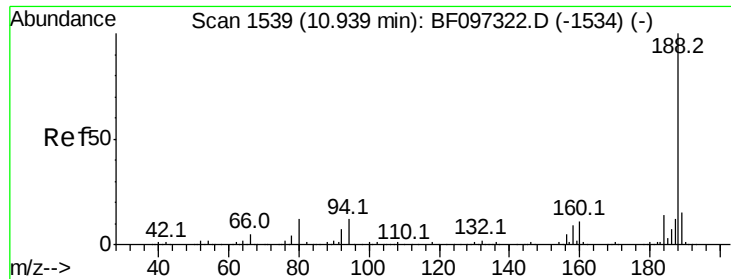
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#49
Dimethylphthalate
Concen: 9.924 ng
RT: 9.20 min Scan# 1260
Delta R.T. -0.08 min
Lab File: BF097375.D
Acq: 5 Aug 2017 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	118716		
194	4.0		2.6	4.0#
164	10.0		8.4	12.6





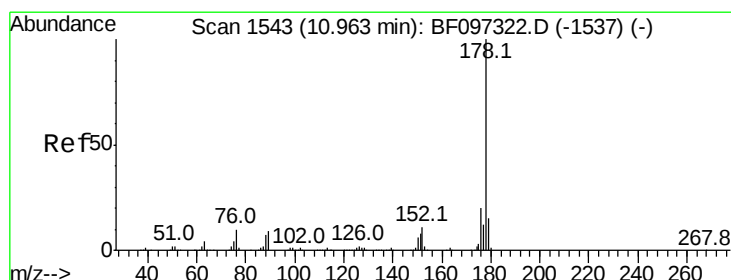
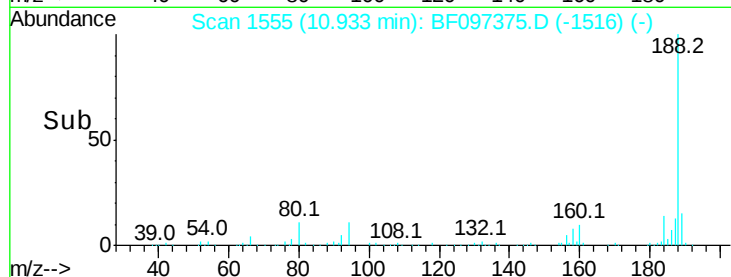
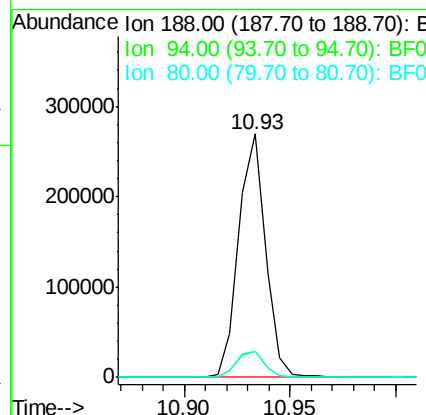
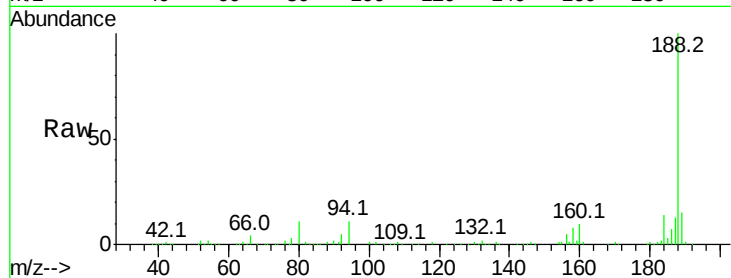
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.93 min Scan# 1555
Delta R.T. -0.07 min
Lab File: BF097375.D
Acq: 5 Aug 2017 00:20

Instrument :
BNA_F
ClientSampled :
S1

Tot Ion	Ratio	Resp	Lower	Upper
188	100	236405		
94	10.6		9.4	14.2
80	10.7		10.2	15.2

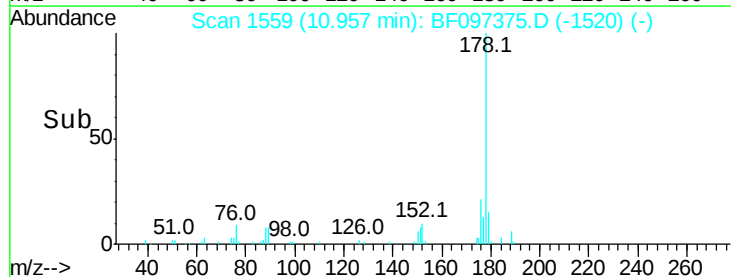
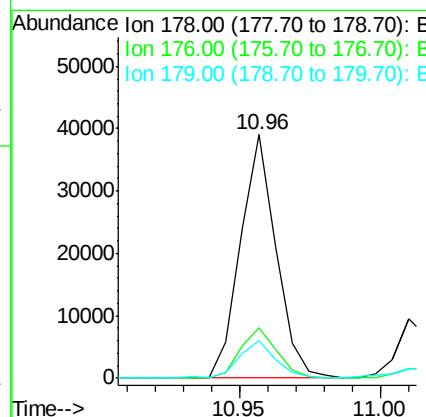
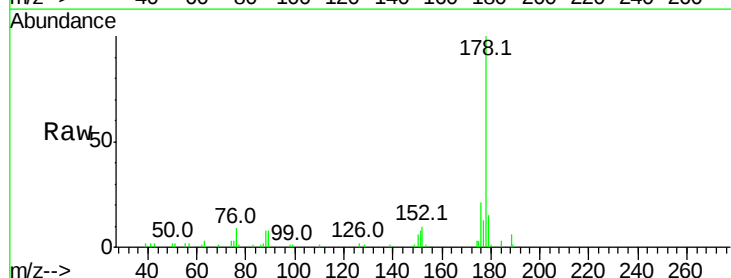
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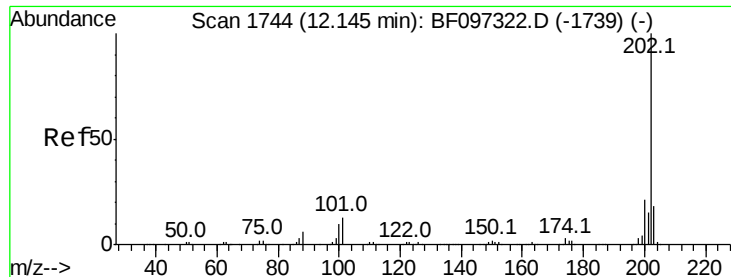
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#70
Phenanthrene
Concen: 2.701 ng
RT: 10.96 min Scan# 1559
Delta R.T. -0.07 min
Lab File: BF097375.D
Acq: 5 Aug 2017 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	34214		
176	20.9		16.2	24.4
179	15.3		12.6	19.0





#74

Fluoranthene

Concen: 5.865 ng

RT: 12.14 min Scan# 1760

Delta R.T. -0.07 min

Lab File: BF097375.D

Acq: 5 Aug 2017 00:20

Instrument :

BNA_F

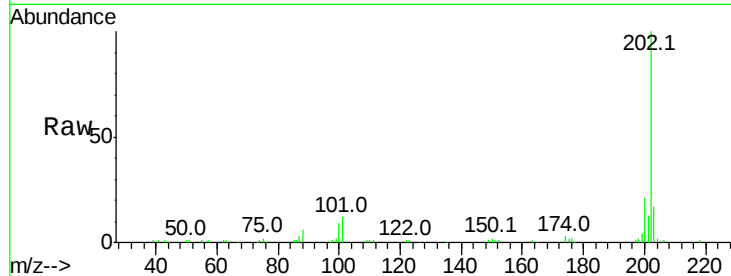
ClientSampled :

S1

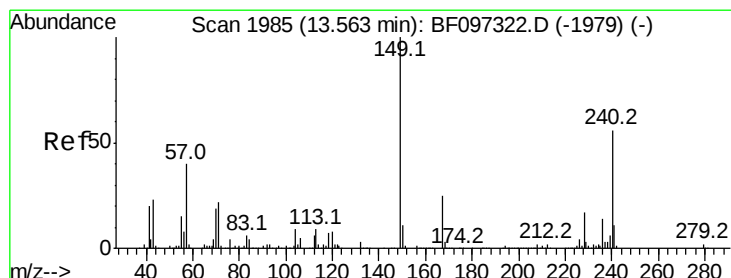
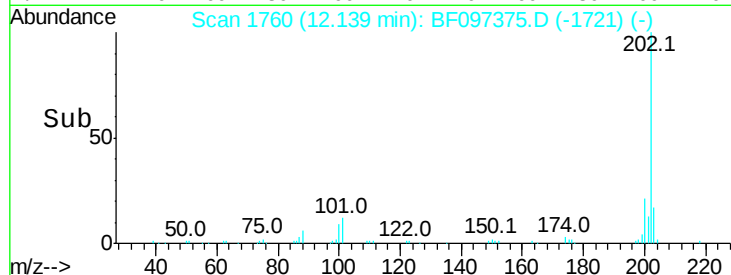
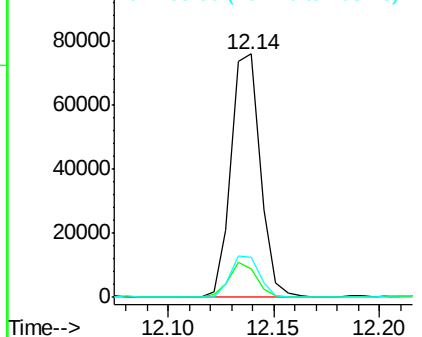
Tot Ion:	202	Resp:	72773
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	33.2
203	16.6	0.0	38.1

Manual Integrations
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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



#75

Chrysene-d12

Concen: 20.000 ng

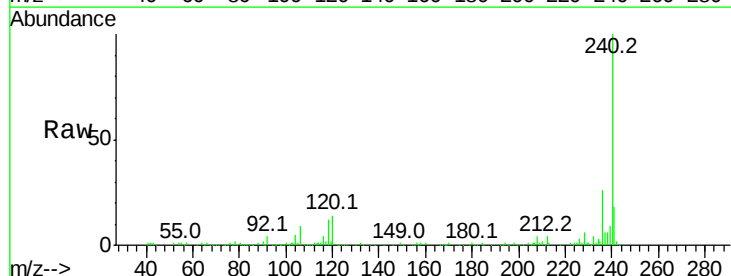
RT: 13.55 min Scan# 2000

Delta R.T. -0.08 min

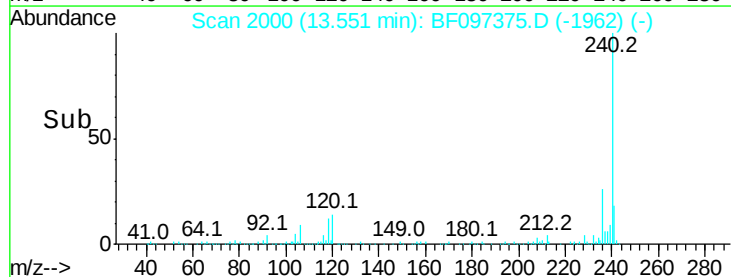
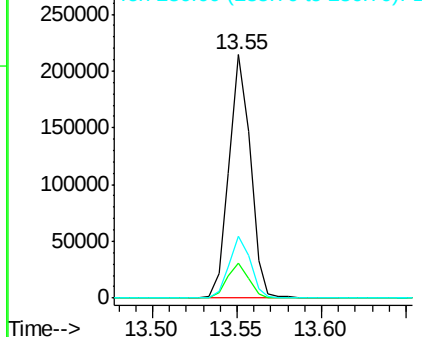
Lab File: BF097375.D

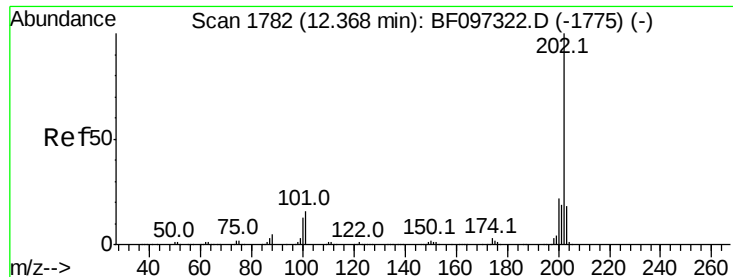
Acq: 5 Aug 2017 00:20

Tgt Ion:	240	Resp:	189169
Ion Ratio	Lower	Upper	
240	100		
120	14.3	5.8	8.8#
236	25.5	20.5	30.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 4.186 ng

RT: 12.36 min Scan# 1797

Delta R.T. -0.08 min

Lab File: BF097375.D

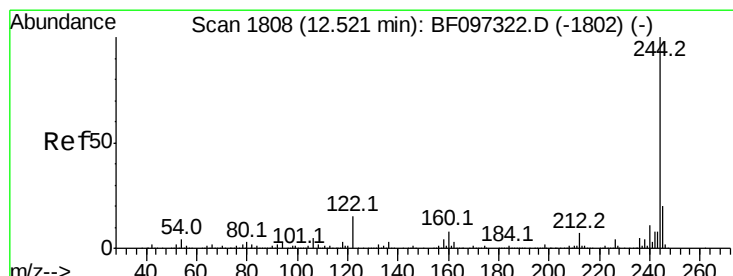
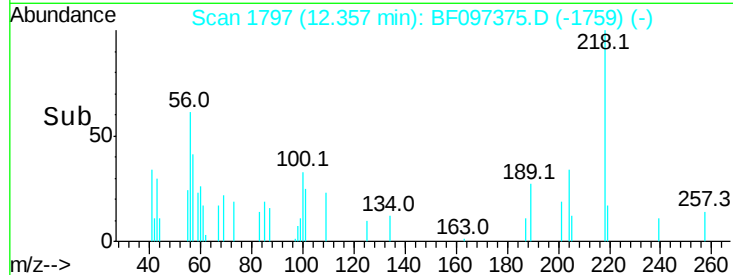
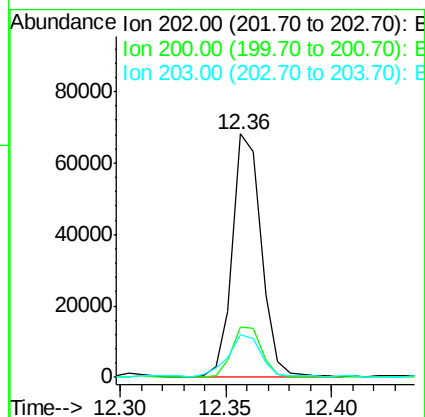
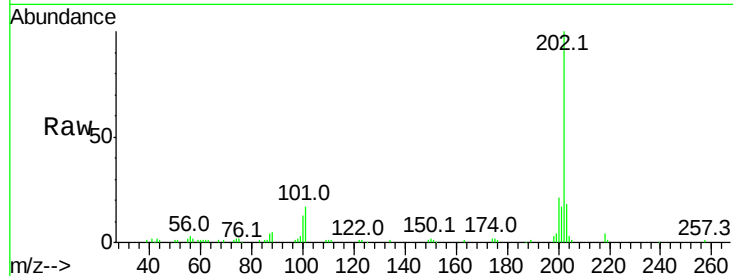
Acq: 5 Aug 2017 00:20

Instrument :
BNA_F
ClientSampleId :
S1

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.6	26.4
203	17.6	14.4	21.6

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#78

Terphenyl-d14

Concen: 35.410 ng

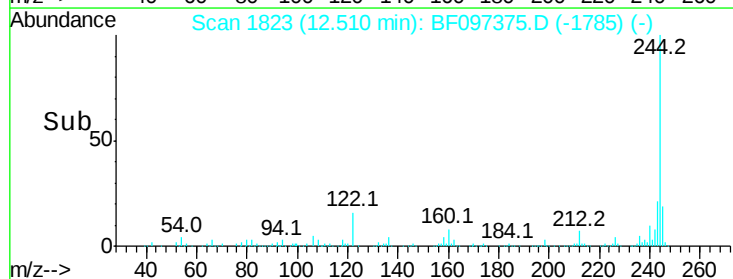
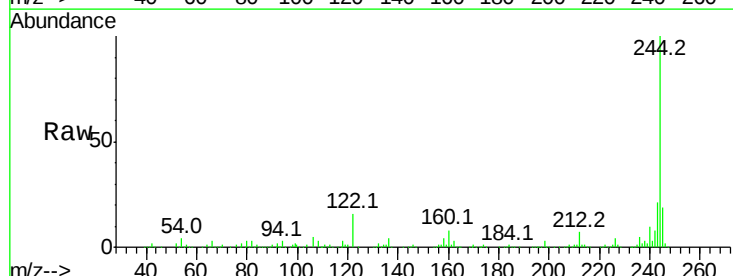
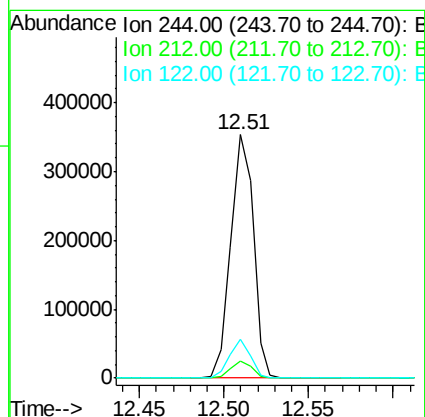
RT: 12.51 min Scan# 1823

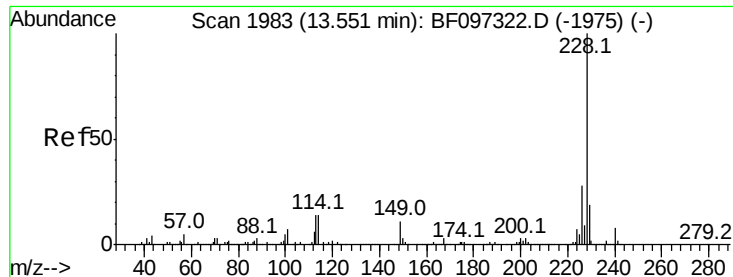
Delta R.T. -0.08 min

Lab File: BF097375.D

Acq: 5 Aug 2017 00:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	15.8	10.3	15.5





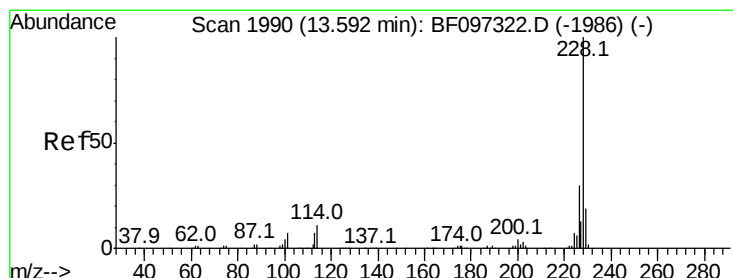
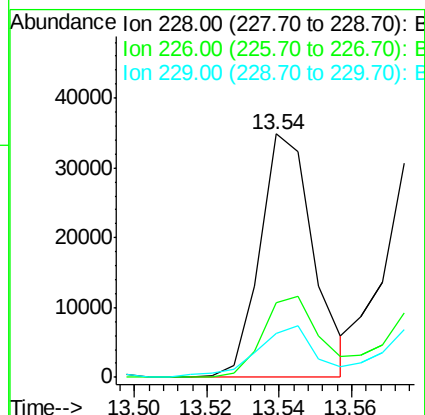
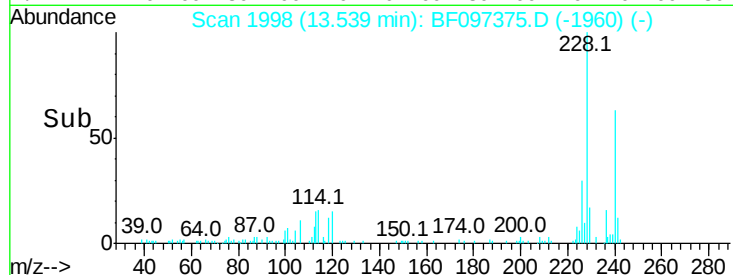
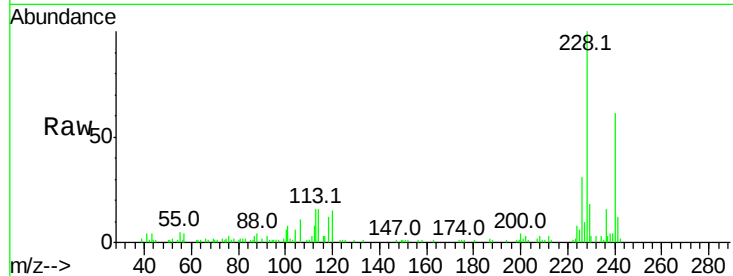
#80
Benzo(a)anthracene
Concen: 2.922 ng
RT: 13.54 min Scan# 1998
Delta R.T. -0.08 min
Lab File: BF097375.D
Acq: 5 Aug 2017 00:20

Instrument :
BNA_F
ClientSampleId :
S1

Tot Ion:228	Resp:	35763
Ion Ratio	Lower	Upper
228 100		
226 30.8	22.6	33.8
229 18.3	16.3	24.5

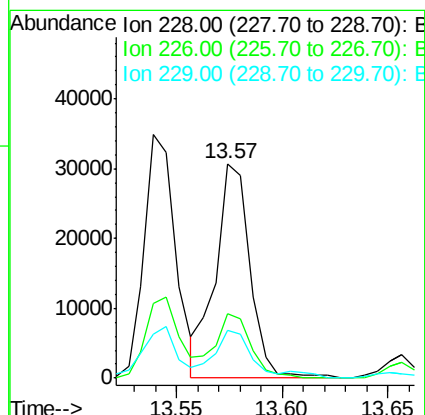
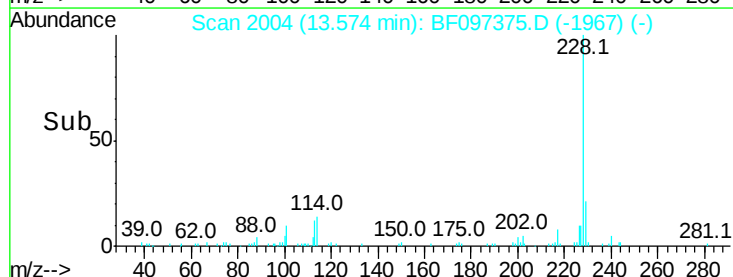
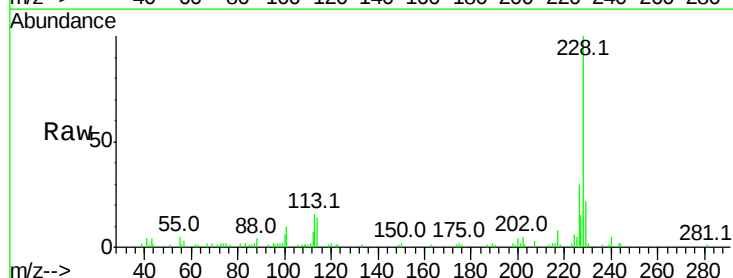
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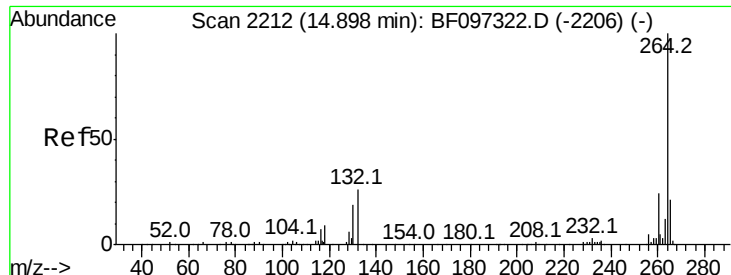
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#82
Chrysene
Concen: 2.924 ng
RT: 13.57 min Scan# 2004
Delta R.T. -0.08 min
Lab File: BF097375.D
Acq: 5 Aug 2017 00:20

Tgt Ion:228	Resp:	34944
Ion Ratio	Lower	Upper
228 100		
226 29.8	24.9	37.3
229 22.3	15.8	23.6





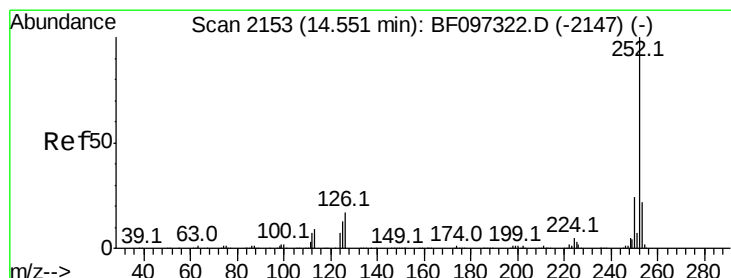
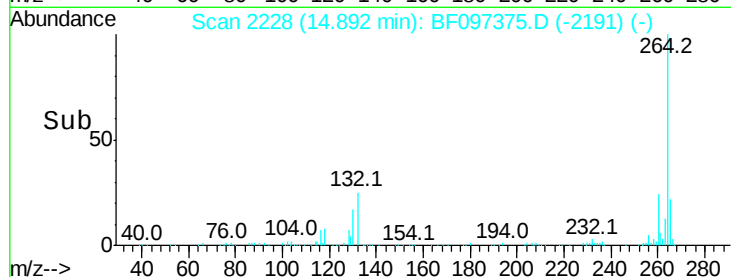
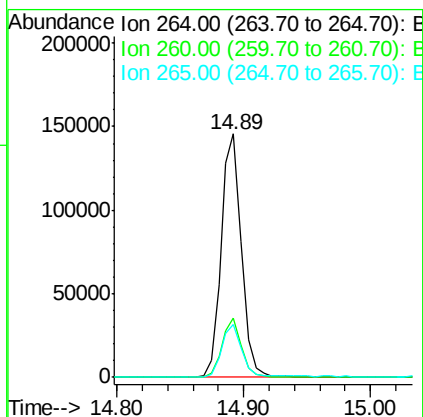
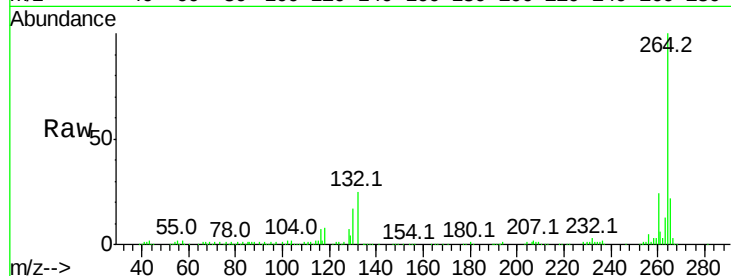
#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.89 min Scan# 2228
Delta R.T. -0.08 min
Lab File: BF097375.D
Acq: 5 Aug 2017 00:20

Instrument :
BNA_F
ClientSampled :
S1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.7	17.2	25.8

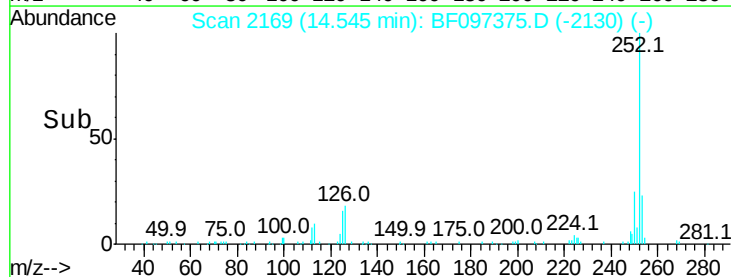
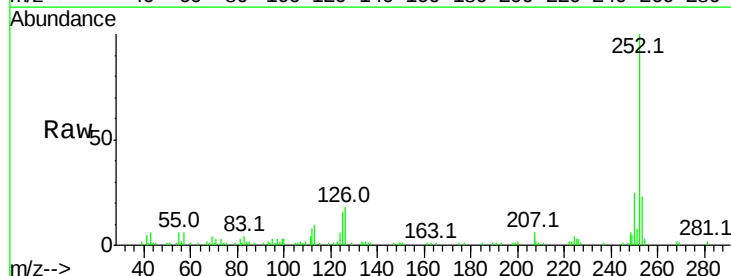
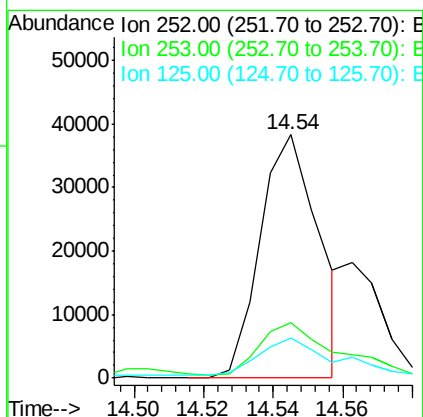
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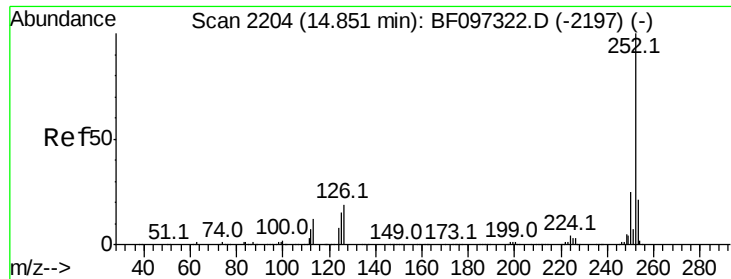
Sohil
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#87
Benzo(b)fluoranthene
Concen: 4.629 ng m
RT: 14.54 min Scan# 2169
Delta R.T. -0.07 min
Lab File: BF097375.D
Acq: 5 Aug 2017 00:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	16.3	9.8	14.8#





#89

Benzo(a)pyrene

Concen: 3.510 ng

RT: 14.84 min Scan# 2220

Delta R.T. -0.08 min

Lab File: BF097375.D

Acq: 5 Aug 2017 00:20

Instrument :

BNA_F

ClientSampleId :

S1

Tot Ion:	252	Resp:	31167
Ion Ratio		Lower	Upper
252	100		
253	20.5	17.5	26.3
125	15.2	11.0	16.4

Manual Integrations
APPROVED

Sohil
8/7/2017 6:10:10 PM

