

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073117\
 Data File : BF097206.D
 Acq On : 31 Jul 2017 14:29
 Operator : SJ/JU
 Sample : I4456-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-14D24

Manual Integrations
 APPROVED

Sohil
 8/1/2017 5:44:30 PM

Quant Time: Jul 31 19:19:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 31 15:18:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.47	152	118695	20.00	ng	0.00
21) Naphthalene-d8	7.76	136	474004	20.00	ng	0.00
38) Acenaphthene-d10	9.50	164	179165	20.00	ng	0.00
63) Phenanthrene-d10	10.98	188	272712	20.00	ng	0.00
75) Chrysene-d12	13.61	240	214317	20.00	ng	0.00
86) Perylene-d12	14.96	264	205490	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	827585	105.11	ng	0.00
7) Phenol-d6	6.15	99	998305	111.06	ng	0.00
23) Nitrobenzene-d5	7.05	82	618092	76.50	ng	0.00
41) 2,4,6-Tribromophenol	10.30	330	151028	106.69	ng	0.00
44) 2-Fluorobiphenyl	8.84	172	757416	71.74	ng	0.00
78) Terphenyl-d14	12.57	244	495344	47.12	ng	0.00
Target Compounds						
10) Phenol	6.15	94	31606	2.964	ng	Qvalue # 77
49) Dimethylphthalate	9.24	163	143628	10.557	ng	97
70) Phenanthrene	11.00	178	45804	3.135	ng	98
74) Fluoranthene	12.19	202	60666	4.238	ng	97
77) Pyrene	12.42	202	56177	3.202	ng	98
80) Benzo(a)anthracene	13.60	228	30388	2.191	ng	97
87) Benzo(b)fluoranthene	14.60	252	29953m	2.425	ng	
89) Benzo(a)pyrene	14.91	252	24127	2.134	ng	# 91

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

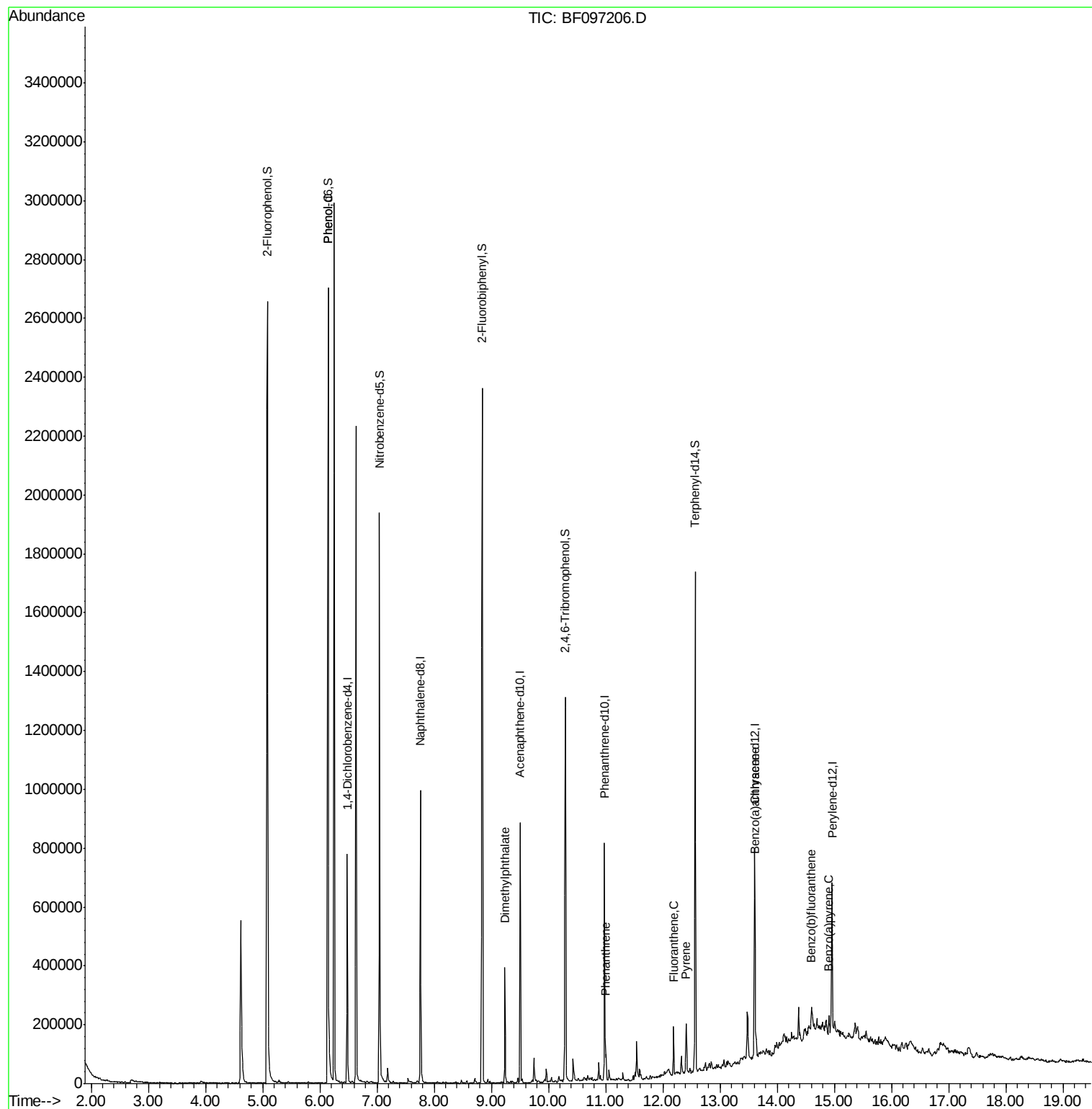
Data Path : Z:\HPCHEM1\BNA F\DATA\BF073117\
Data File : BF097206.D
Acq On : 31 Jul 2017 14:29
Operator : SJ/JU
Sample : I4456-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

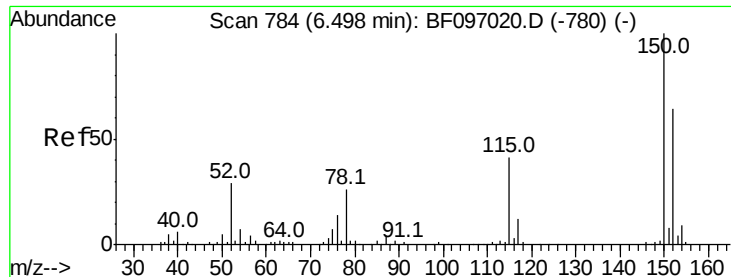
Instrument :
BNA_F
ClientSampleId :
TP-14D24

Manual Integrations
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Quant Time: Jul 31 19:19:17 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 31 15:18:22 2017
Response via : Initial Calibration





#1

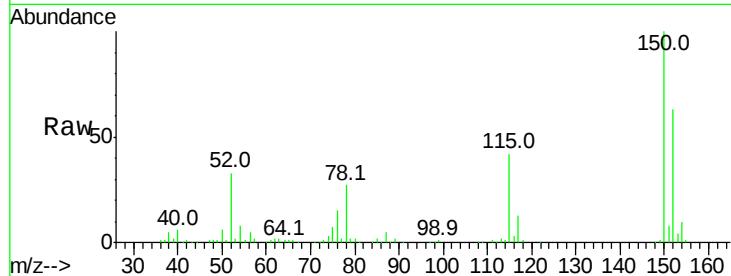
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.47 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF097206.D
Acq: 31 Jul 2017 14:29

Instrument :
BNA_F
ClientSampled :
TP-14D24

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.2	189.2
115	66.7	52.2	78.2

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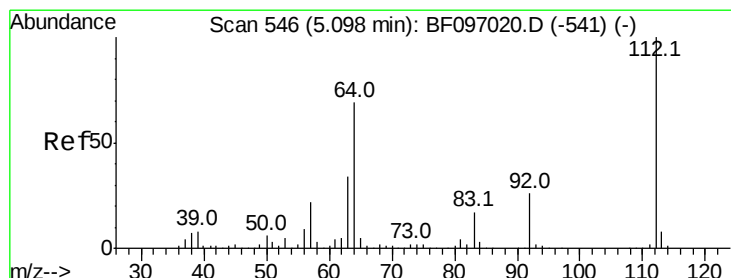
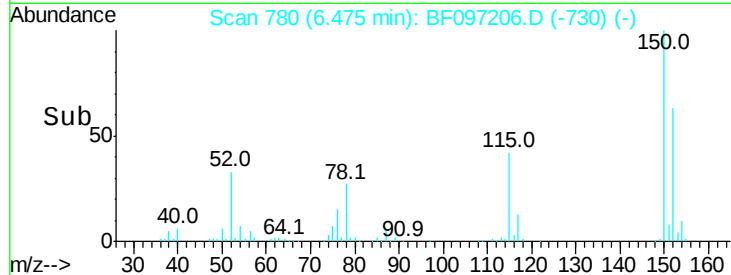
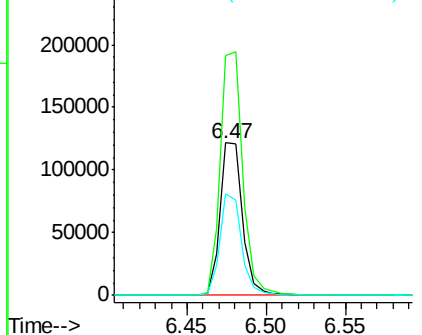


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

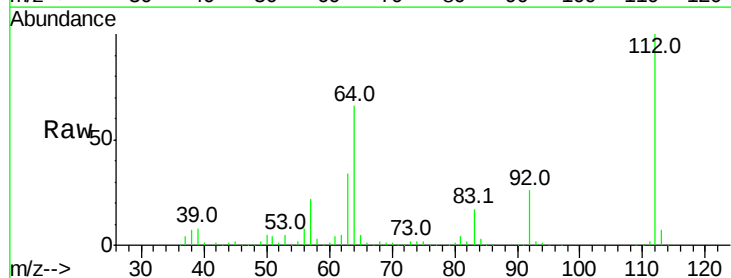
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 105.108 ng
RT: 5.08 min Scan# 543
Delta R.T. 0.01 min
Lab File: BF097206.D
Acq: 31 Jul 2017 14:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.5	46.0	69.0
63	33.7	23.4	35.0

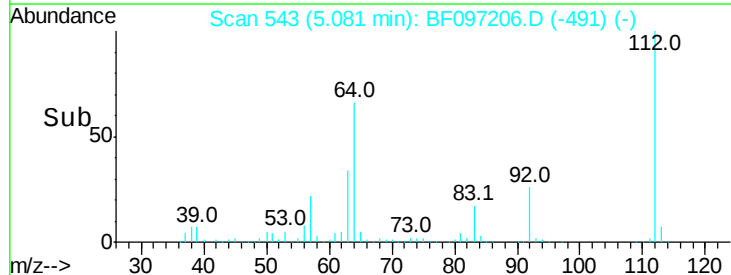
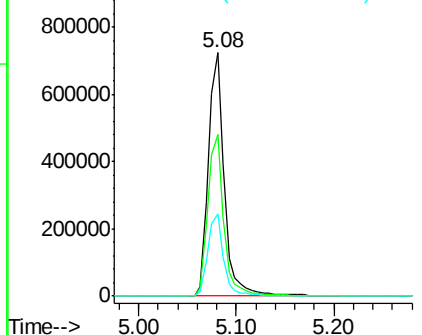


Abundance

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: 111.062 ng

RT: 6.15 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF097206.D

Acq: 31 Jul 2017 14:29

Instrument :

BNA_F

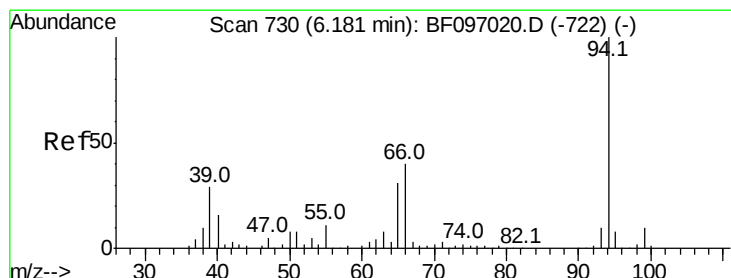
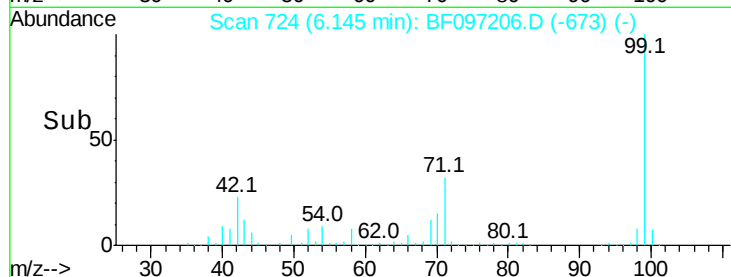
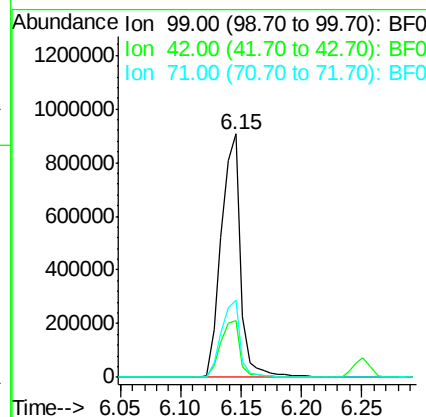
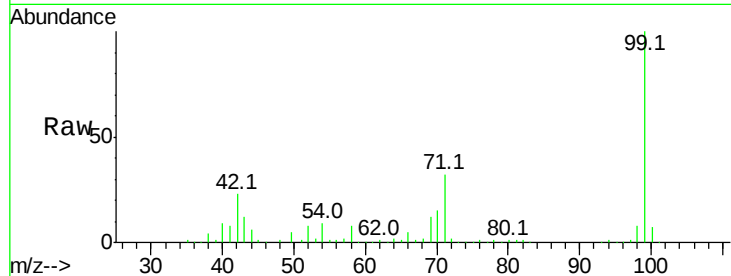
ClientSampleId :

TP-14D24

Tot Ion	Ratio	Resp	Lower	Upper
99	100	998305		
42	23.4		13.5	20.3#
71	31.6		24.5	36.7

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#10

Phenol

Concen: 2.964 ng

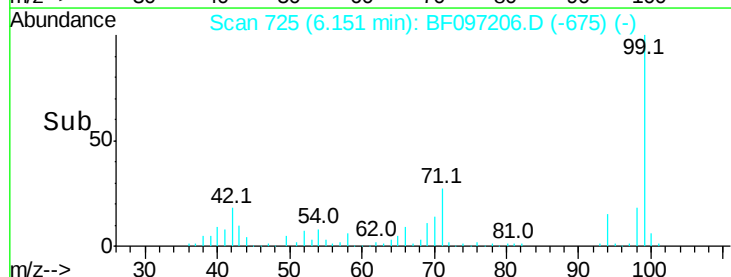
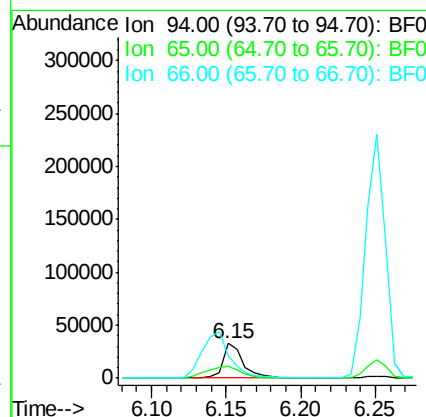
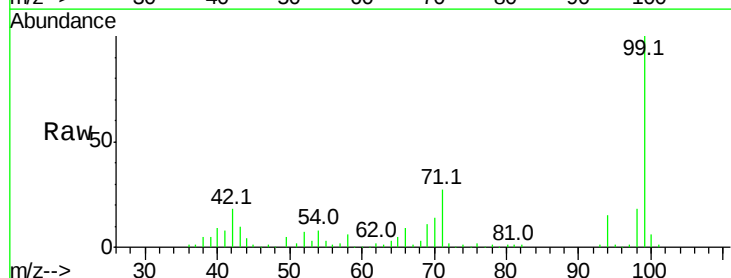
RT: 6.15 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF097206.D

Acq: 31 Jul 2017 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	31606		
65	35.2		9.9	49.9
66	63.3		23.1	63.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.76 min Scan# 999

Delta R.T. -0.00 min

Lab File: BF097206.D

Acq: 31 Jul 2017 14:29

Instrument :

BNA_F

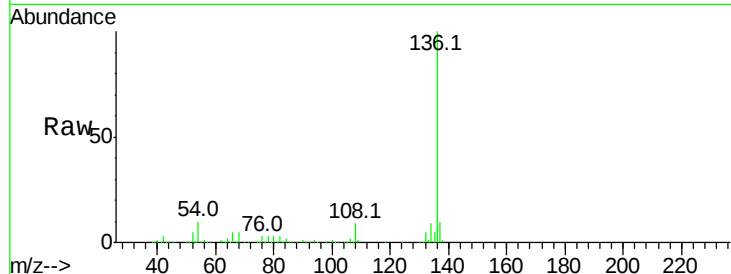
ClientSampleId :

TP-14D24

Tot Ion	Ratio	Resp	Lower	Upper
136	100	474004		
137	10.4	8.5	12.7	
54	9.8	4.9	7.3	
68	5.5	4.1	6.1	

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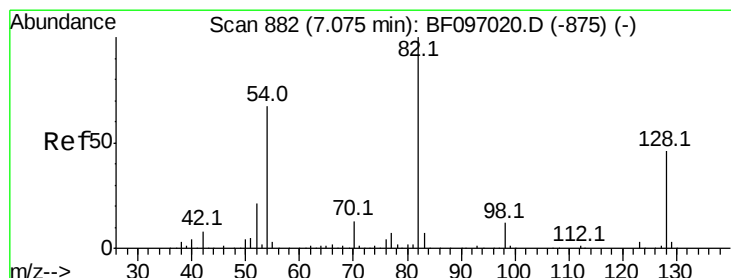
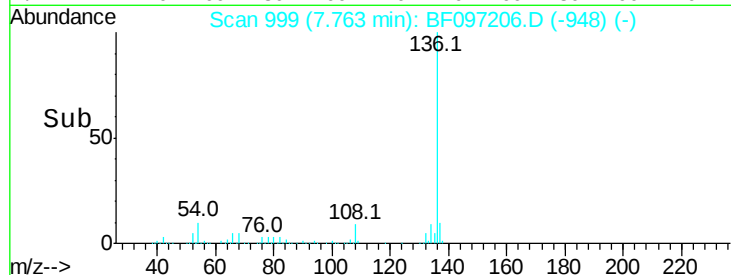
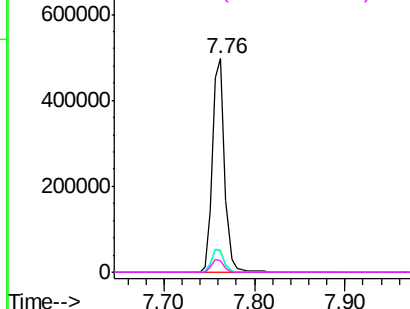


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 76.497 ng

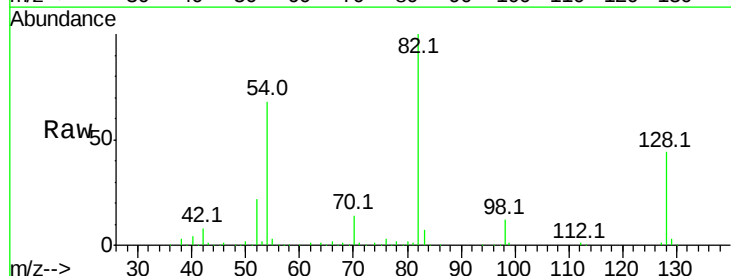
RT: 7.05 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF097206.D

Acq: 31 Jul 2017 14:29

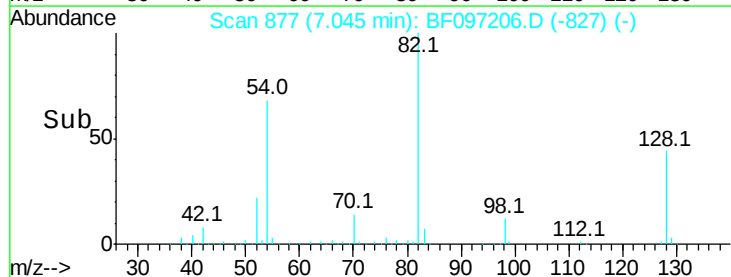
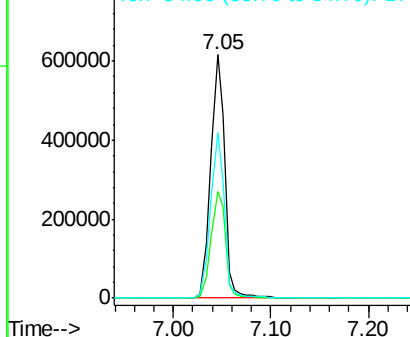
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	618092		
128	43.7	34.0	51.0	
54	67.9	42.2	63.2	

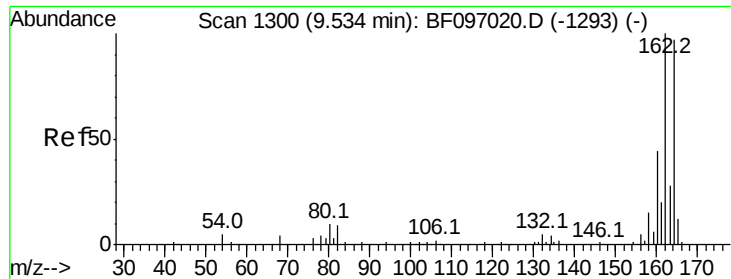


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





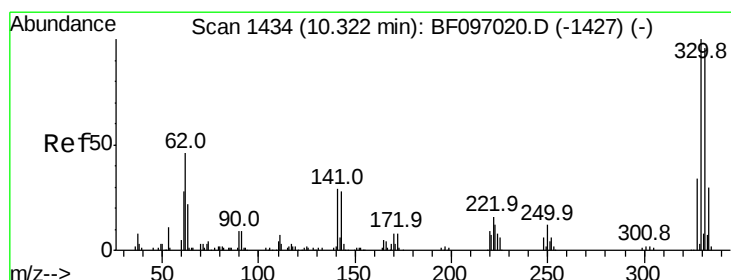
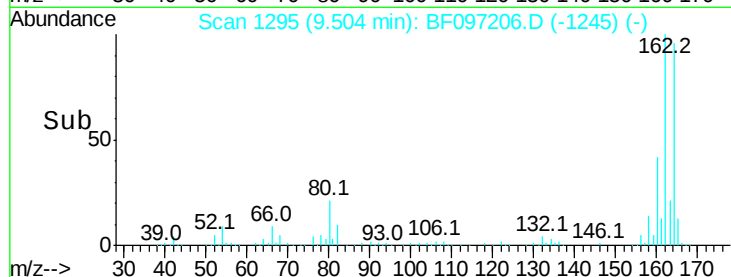
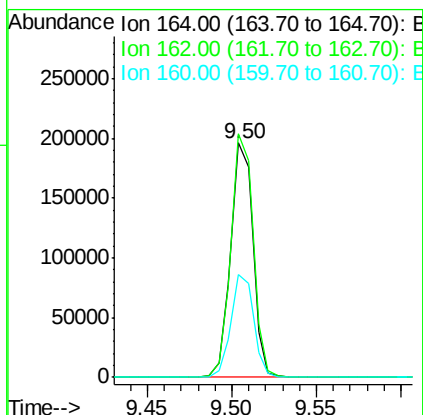
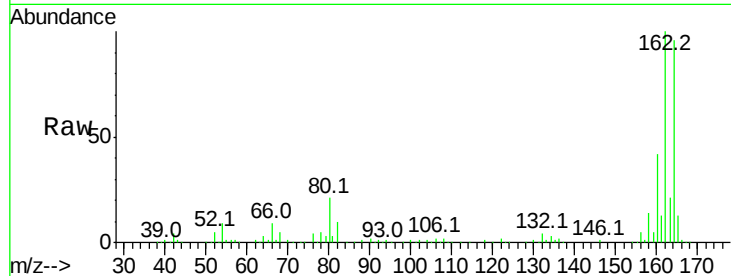
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.50 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF097206.D
 Acq: 31 Jul 2017 14:29

Instrument :
 BNA_F
 ClientSampled :
 TP-14D24

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.6	123.8
160	44.1	36.2	54.2

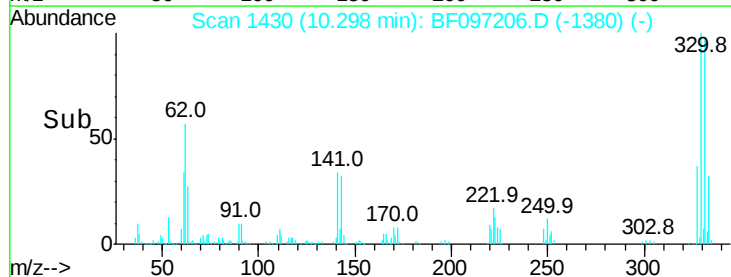
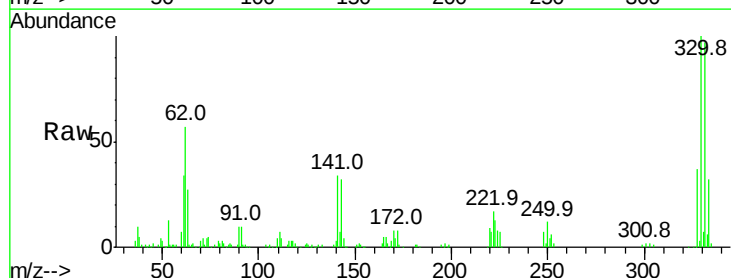
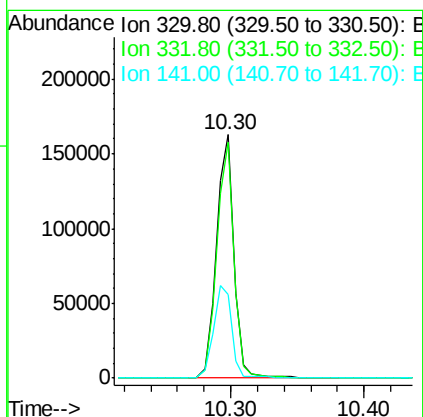
Manual Integrations
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#41
 2,4,6-Tribromophenol
 Concen: 106.690 ng
 RT: 10.30 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: BF097206.D
 Acq: 31 Jul 2017 14:29

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	115.0
141	39.6	31.4	47.2





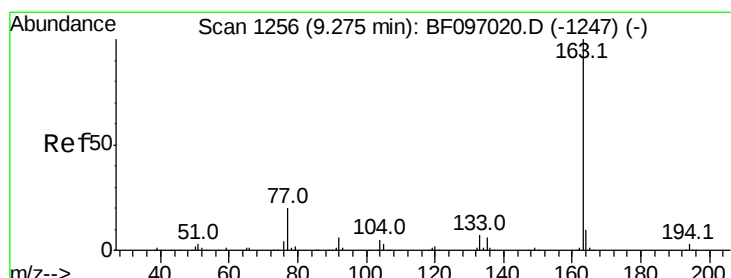
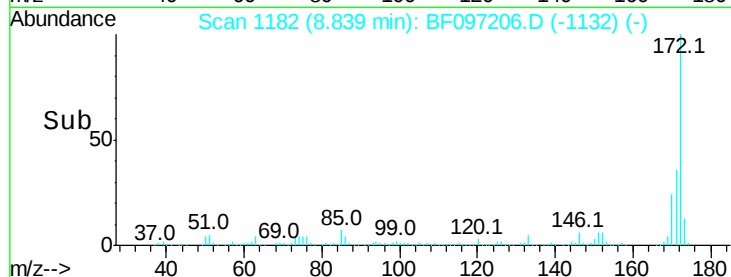
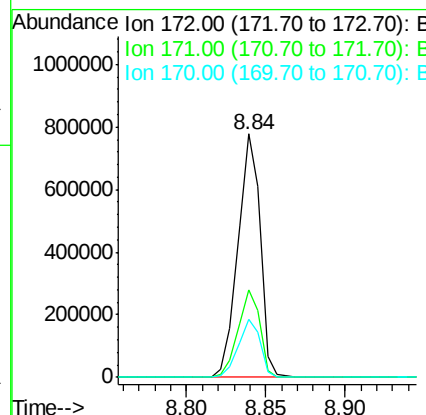
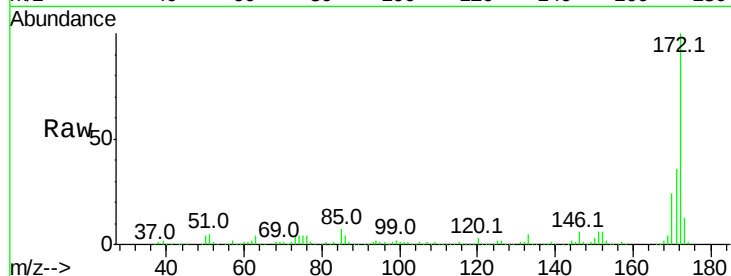
#44
2-Fluorobiphenyl
Concen: 71.744 ng
RT: 8.84 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF097206.D
Acq: 31 Jul 2017 14:29

Instrument :
BNA_F
ClientSampled :
TP-14D24

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.0		29.6	44.4
170	24.1		19.8	29.8

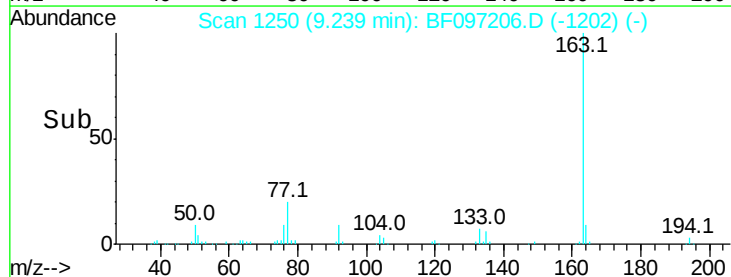
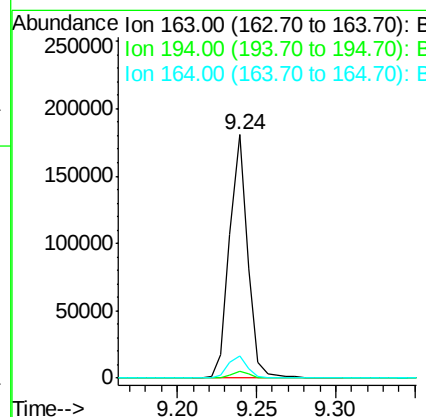
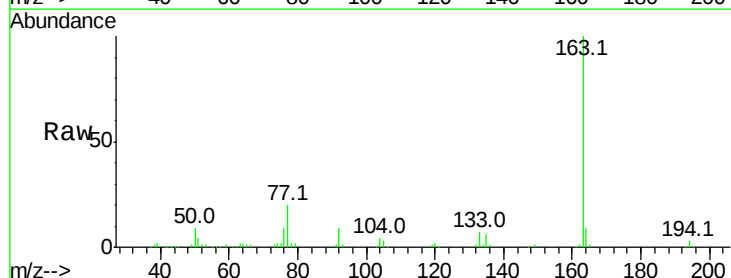
Manual Integrations
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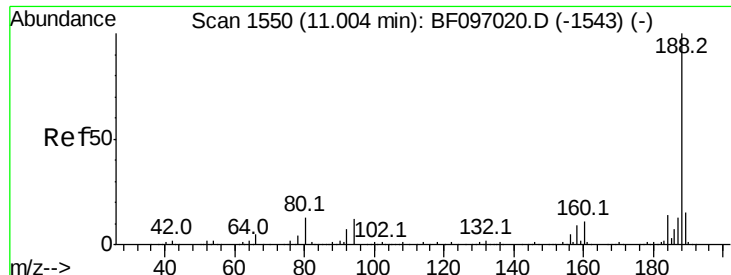
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#49
Dimethylphthalate
Concen: 10.557 ng
RT: 9.24 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BF097206.D
Acq: 31 Jul 2017 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	2.9		2.6	4.0
164	9.3		8.4	12.6





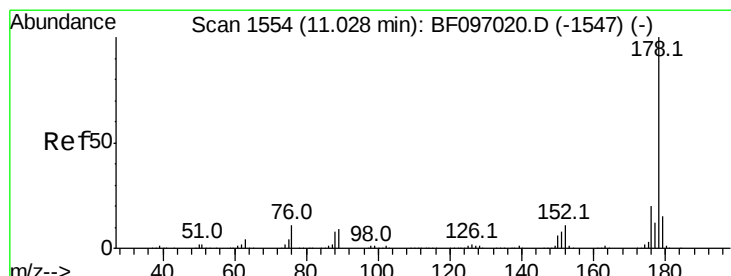
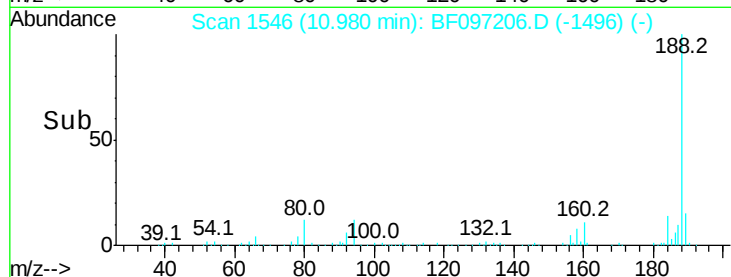
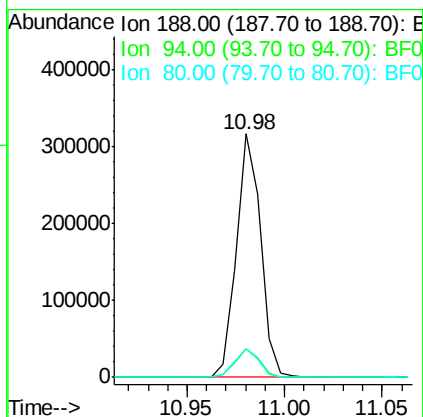
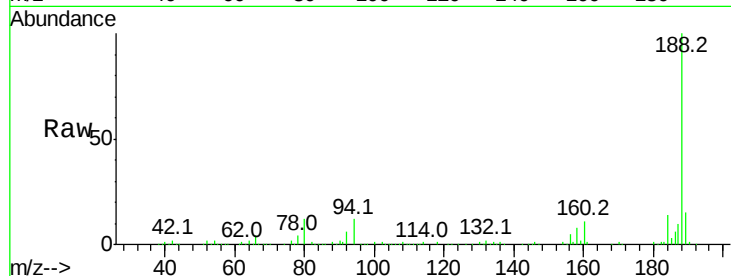
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.98 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF097206.D
Acq: 31 Jul 2017 14:29

Instrument :
BNA_F
ClientSampleId :
TP-14D24

Tot Ion	Ratio	Resp	Lower	Upper
188	100	272712		
94	11.5		9.4	14.2
80	11.8		10.2	15.2

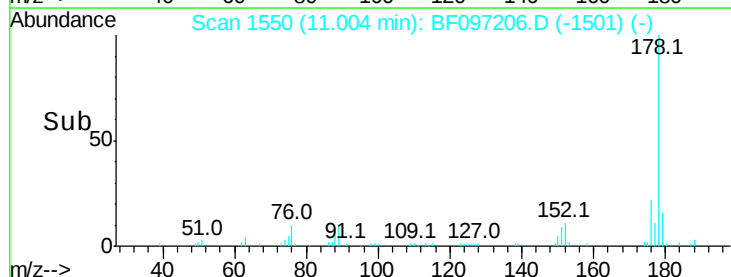
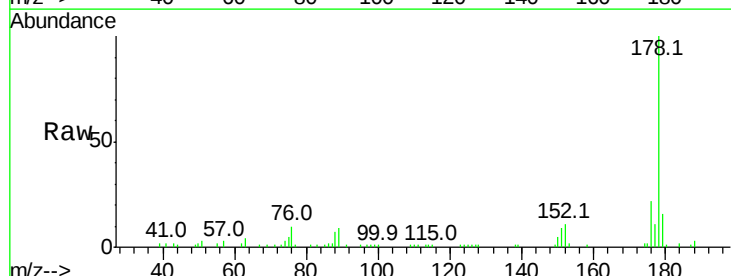
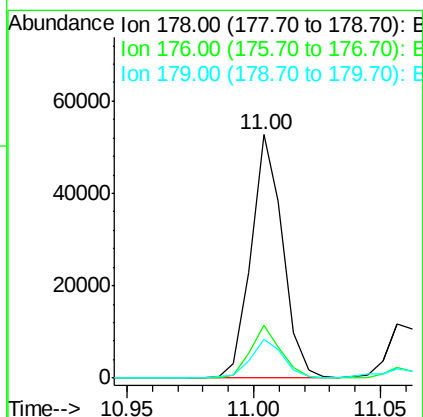
Manual Integrations
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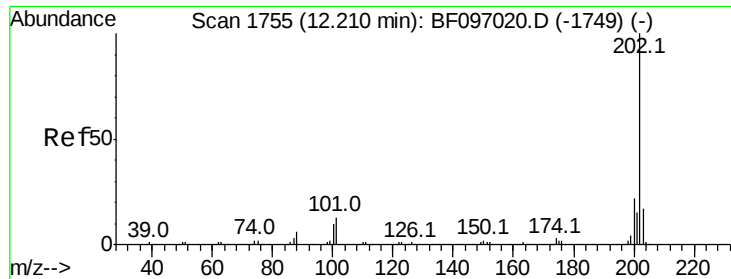
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#70
Phenanthrene
Concen: 3.135 ng
RT: 11.00 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF097206.D
Acq: 31 Jul 2017 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	45804		
176	21.6		16.2	24.4
179	16.1		12.6	19.0





#74

Fluoranthene

Concen: 4.238 ng

RT: 12.19 min Scan# 1751

Delta R.T. -0.01 min

Lab File: BF097206.D

Acq: 31 Jul 2017 14:29

Instrument :

BNA_F

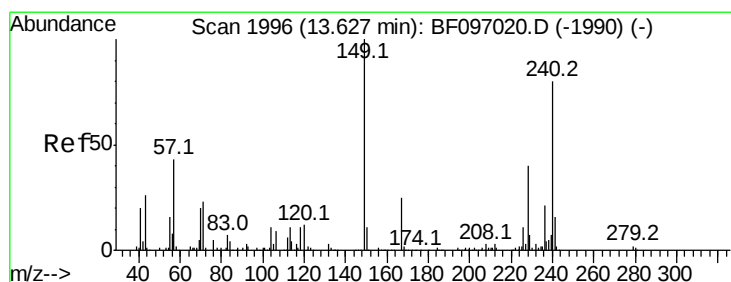
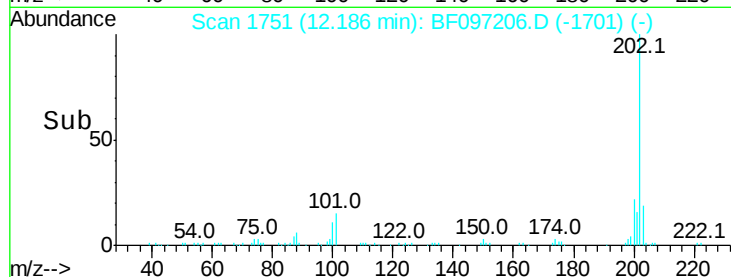
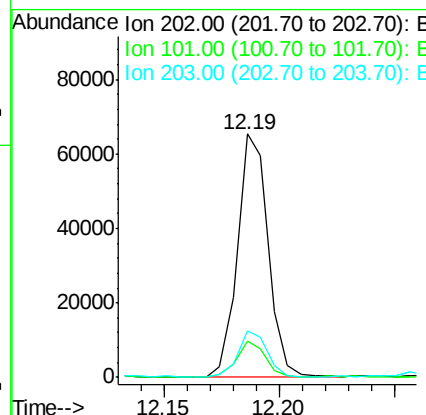
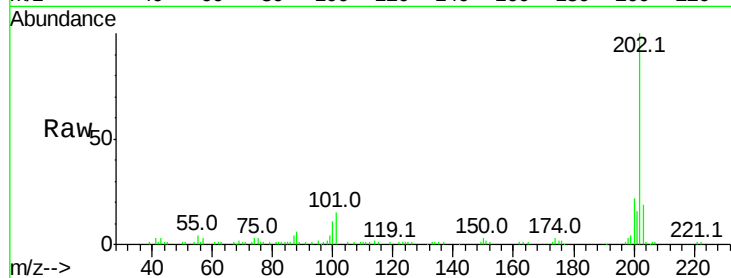
ClientSampled :

TP-14D24

Tot Ion:	202	Resp:	60666
Ion Ratio	Lower	Upper	
202	100		
101	15.0	0.0	33.2
203	18.9	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

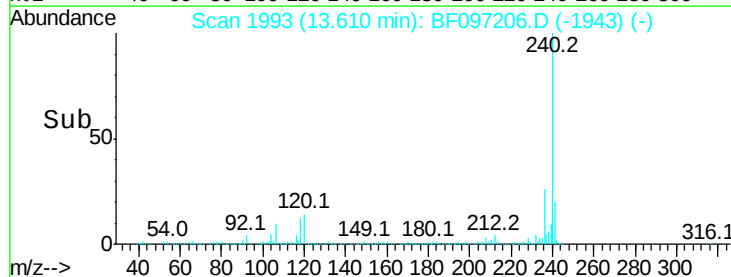
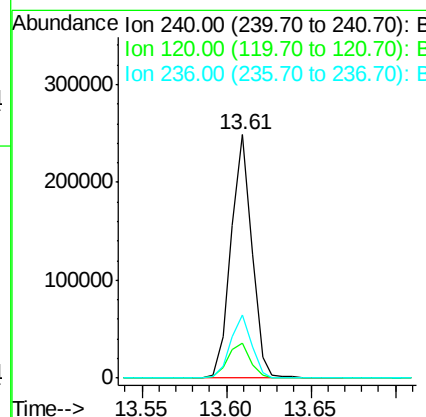
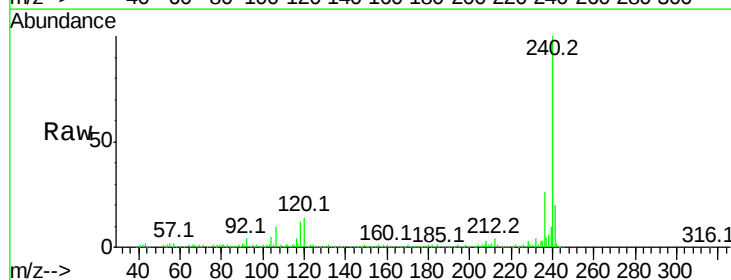
RT: 13.61 min Scan# 1993

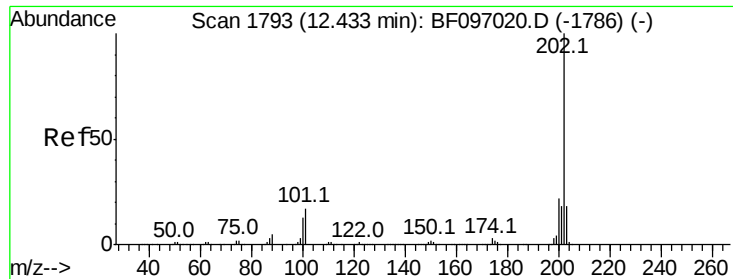
Delta R.T. -0.01 min

Lab File: BF097206.D

Acq: 31 Jul 2017 14:29

Tgt Ion:	240	Resp:	214317
Ion Ratio	Lower	Upper	
240	100		
120	14.3	5.8	8.8#
236	26.1	20.5	30.7





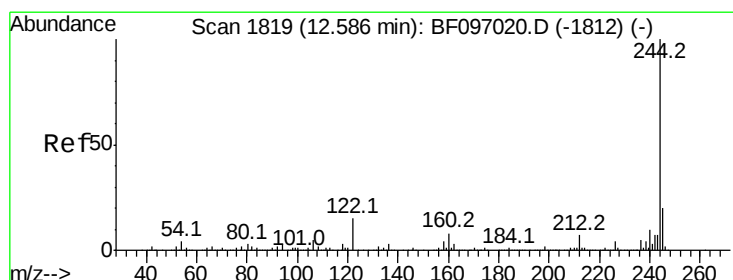
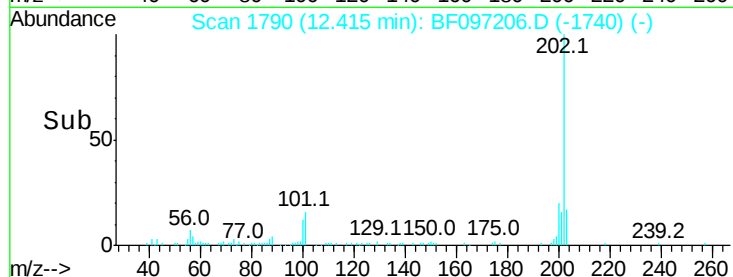
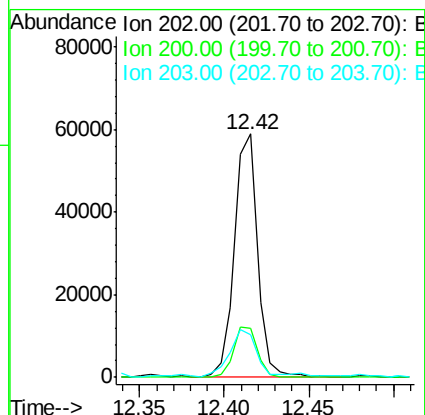
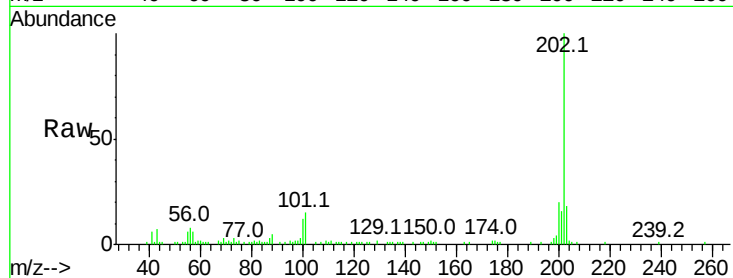
#77
Pvrene
Concen: 3.202 ng
RT: 12.42 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF097206.D
Acq: 31 Jul 2017 14:29

Instrument :
BNA_F
ClientSampleId :
TP-14D24

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.6	26.4
203	17.7	14.4	21.6

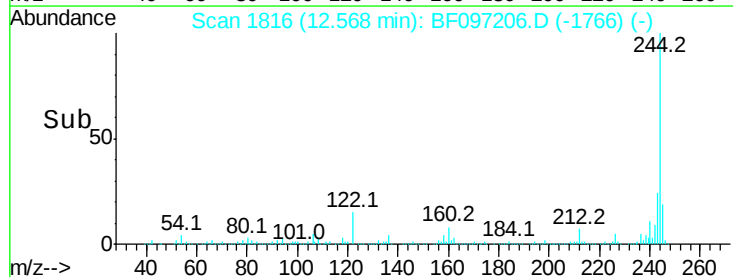
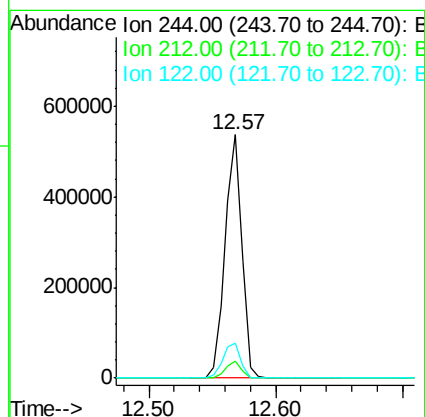
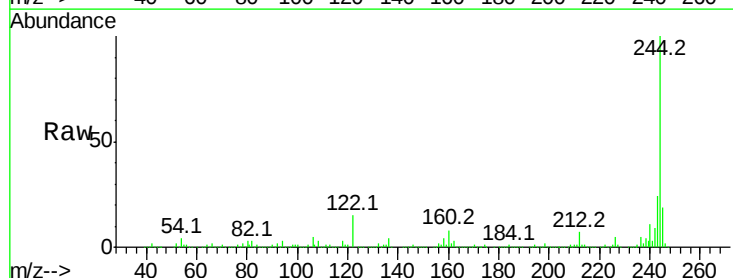
Manual Integrations
APPROVED

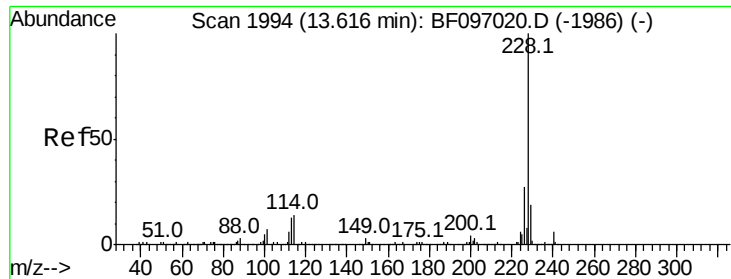
Sohil
8/1/2017 5:44:30 PM



#78
Terphenyl-d14
Concen: 47.123 ng
RT: 12.57 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF097206.D
Acq: 31 Jul 2017 14:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	14.6	10.3	15.5





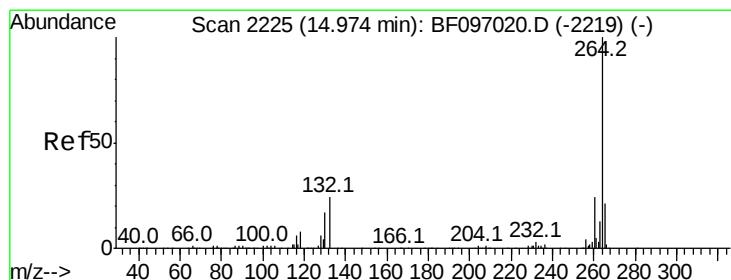
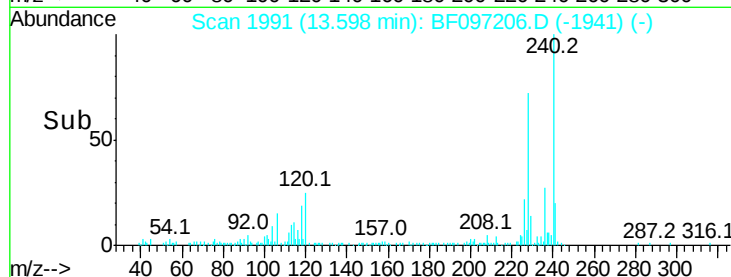
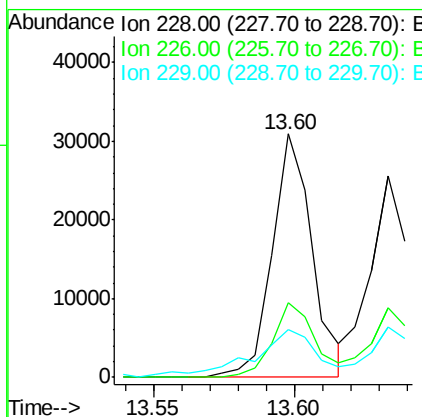
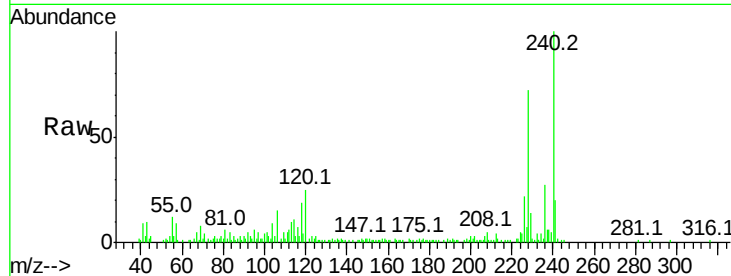
#80
Benzo(a)anthracene
Concen: 2.191 ng
RT: 13.60 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BF097206.D
Acq: 31 Jul 2017 14:29

Instrument :
BNA_F
ClientSampled :
TP-14D24

Tot Ion:	228	Resp:	30388
Ion Ratio	Lower	Upper	
228	100		
226	30.6	22.6	33.8
229	19.7	16.3	24.5

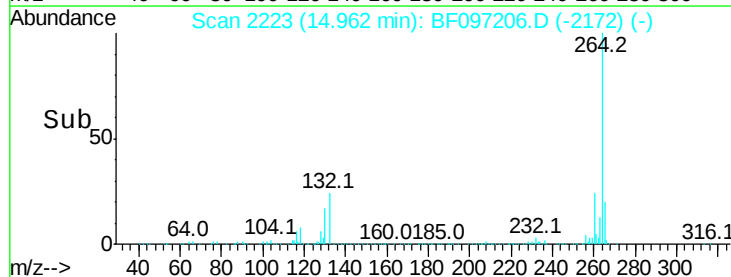
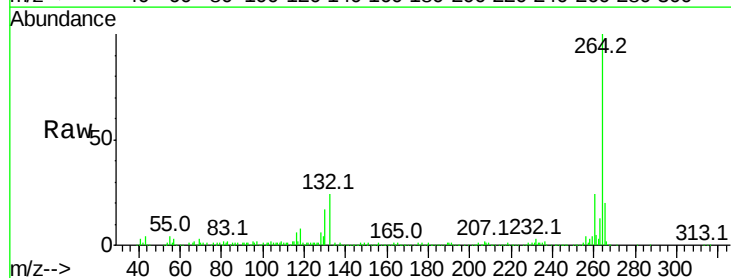
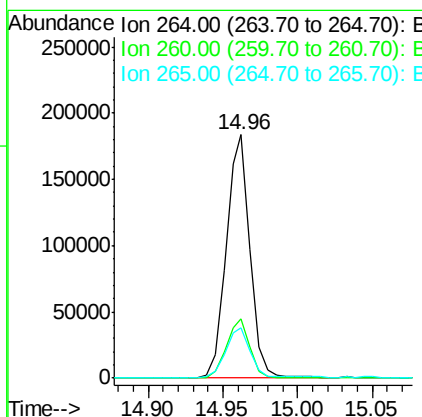
Manual Integrations
APPROVED

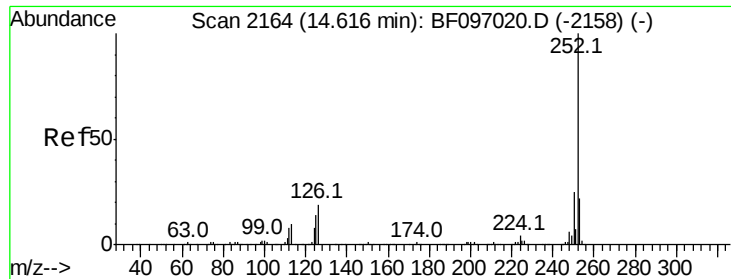
Sohil
8/1/2017 5:44:30 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 14.96 min Scan# 2223
Delta R.T. -0.00 min
Lab File: BF097206.D
Acq: 31 Jul 2017 14:29

Tgt Ion:	264	Resp:	205490
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.5	29.3
265	20.5	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 2.425 ng

RT: 14.60 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BF097206.D

Acq: 31 Jul 2017 14:29

Instrument :

BNA_F

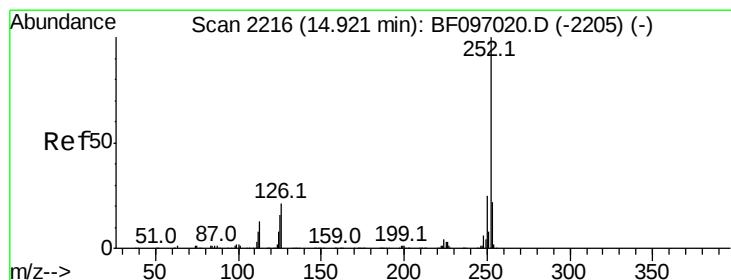
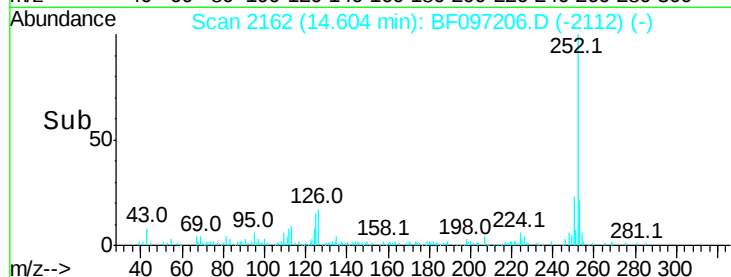
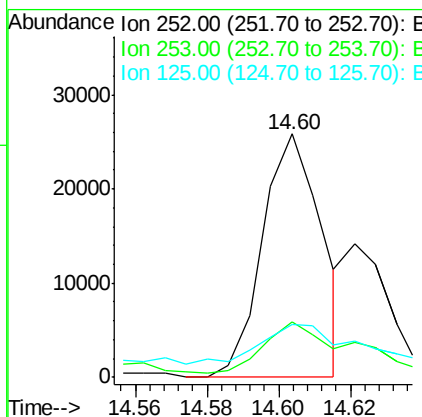
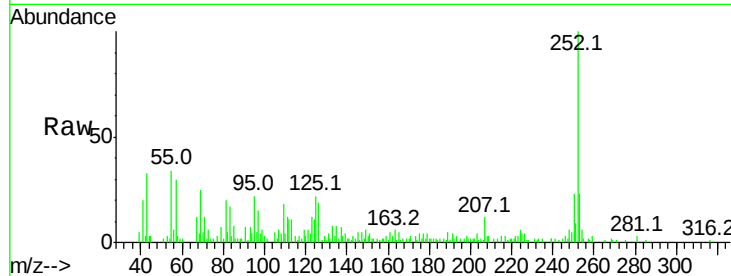
ClientSampleId :

TP-14D24

Tot Ion:	252	Resp:	29953
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.1	27.1
125	21.7	9.8	14.8#

Manual Integrations
APPROVED

Sohil
8/1/2017 5:44:30 PM



#89

Benzo(a)pyrene

Concen: 2.134 ng

RT: 14.91 min Scan# 2214

Delta R.T. -0.01 min

Lab File: BF097206.D

Acq: 31 Jul 2017 14:29

Tgt Ion:	252	Resp:	24127
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.5	26.3
125	19.9	11.0	16.4#

