

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
 Data File : BF097805.D
 Acq On : 18 Aug 2017 00:12
 Operator : SJ/JU
 Sample : I4761-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RURRSB-05

Manual Integrations
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 8/18/2017 7:02:30 PM

Quant Time: Aug 18 04:17:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	145616	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	509888	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	182179	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	317649	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	323922	20.00	ng	-0.01
86) Perylene-d12	15.36	264	235550	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	733655	76.64	ng	0.00
7) Phenol-d6	6.40	99	998450	76.76	ng	0.00
23) Nitrobenzene-d5	7.34	82	596382	63.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	111742	70.69	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	790962	63.79	ng	-0.01
78) Terphenyl-d14	12.88	244	602896	38.81	ng	-0.01
Target Compounds						
10) Phenol	6.42	94	33503	2.202	ng	99
49) Dimethylphthalate	9.53	163	102684	7.711	ng	98
74) Fluoranthene	12.50	202	50280	2.846	ng	99
87) Benzo(b)fluoranthene	14.94	252	30381m	2.046	ng	

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

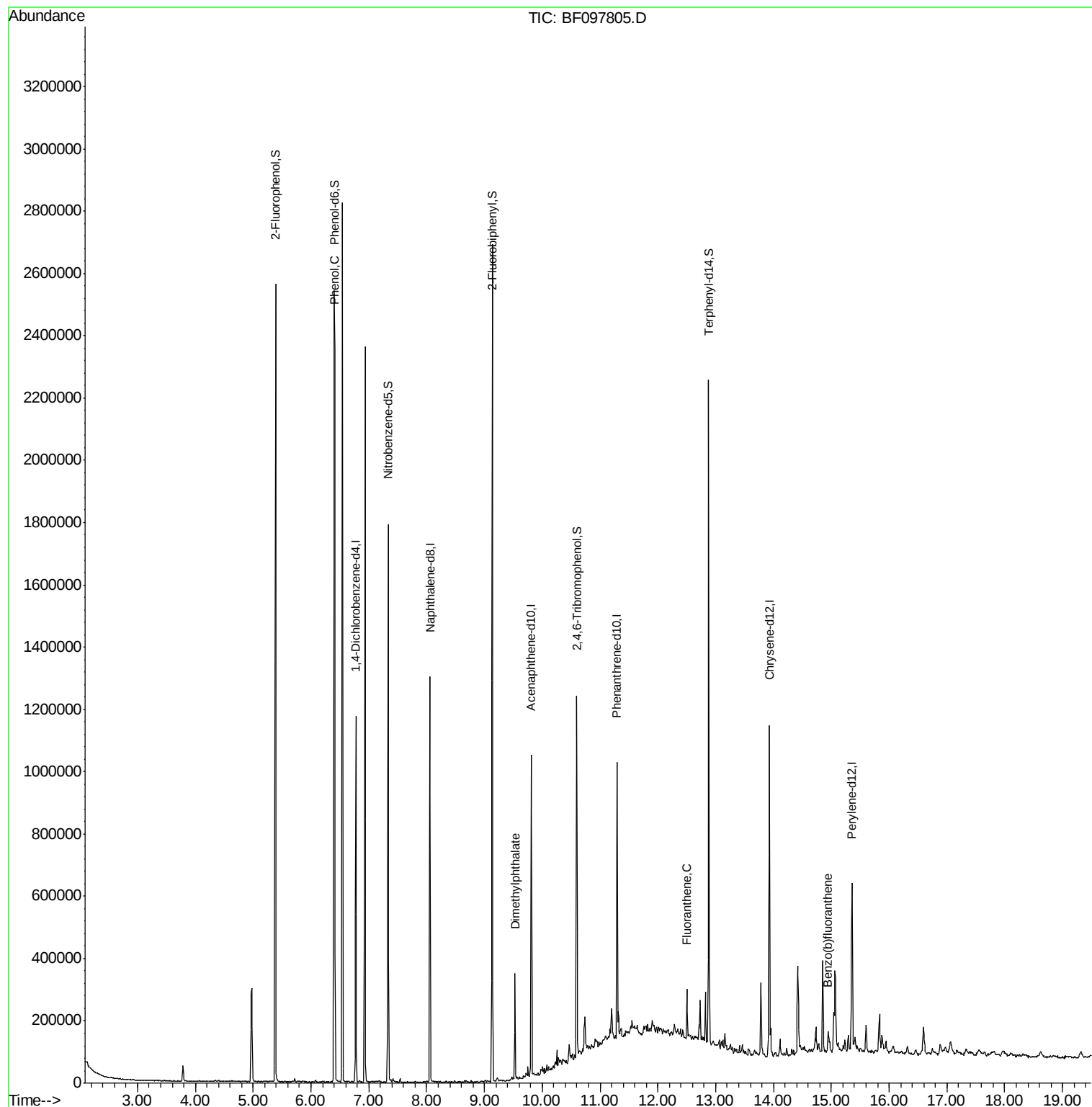
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
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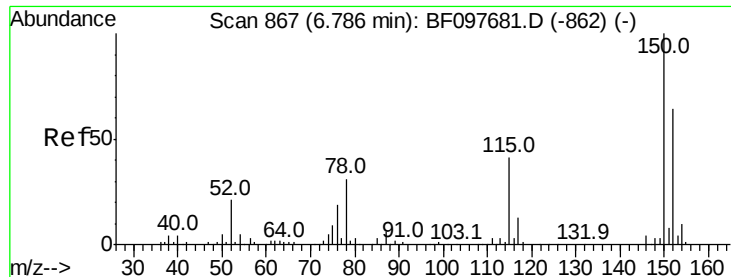
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#1

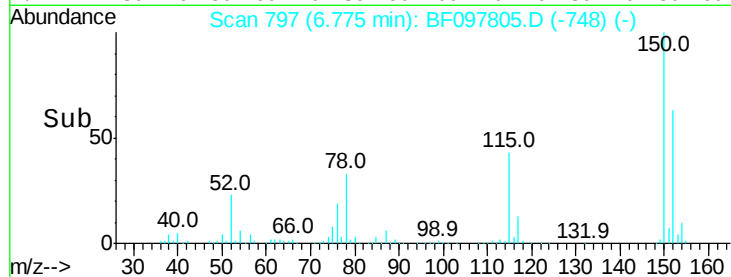
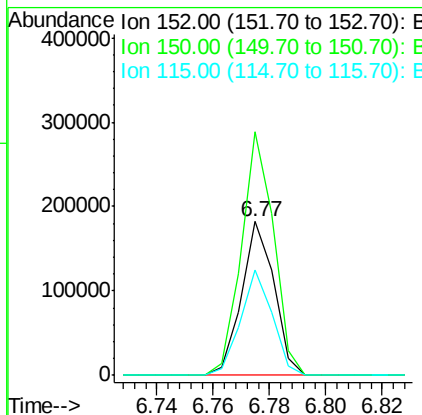
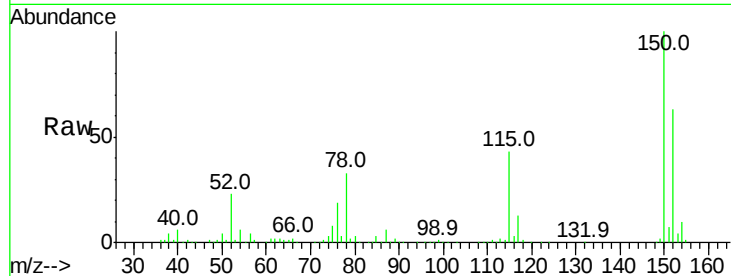
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF097805.D
Acq: 18 Aug 2017 00:12

Instrument :
BNA_F
ClientSampleId :
RURRSB-05

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.2	189.2
115	68.7	52.2	78.2

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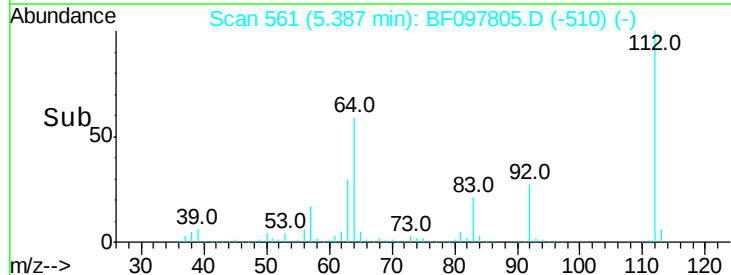
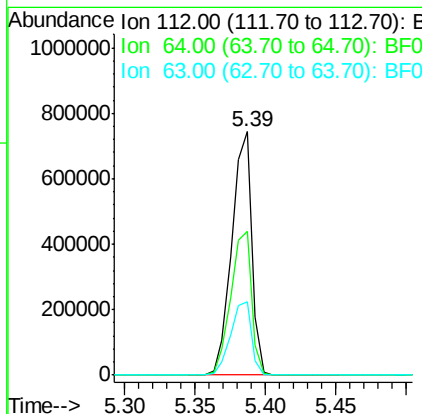
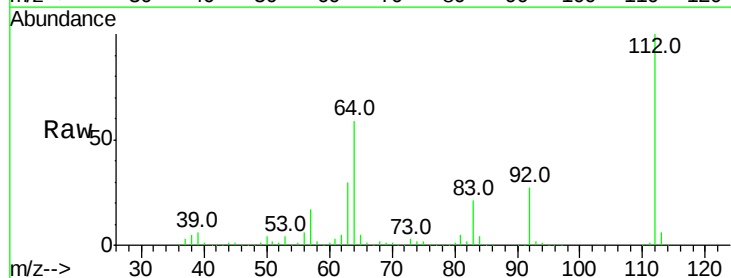
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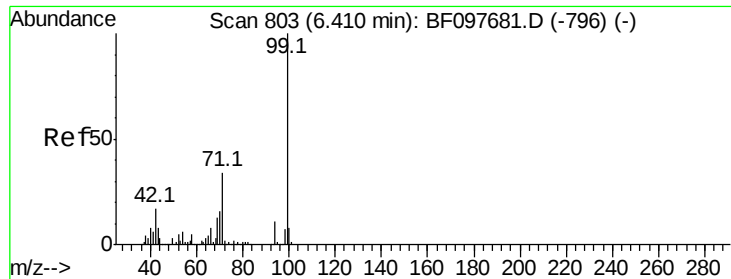


#5

2-Fluorophenol
Concen: 76.636 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF097805.D
Acq: 18 Aug 2017 00:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	46.0	69.0
63	30.2	23.4	35.0





#7

Phenol-d6

Concen: 76.761 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF097805.D

Acq: 18 Aug 2017 00:12

Instrument :

BNA_F

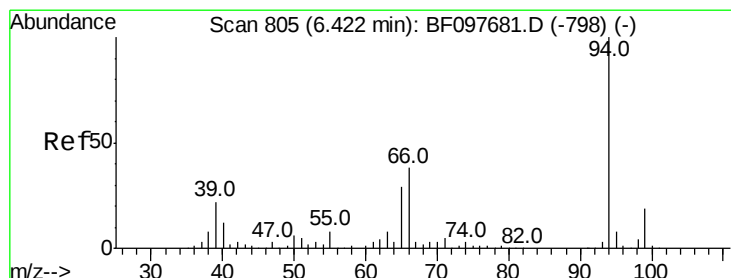
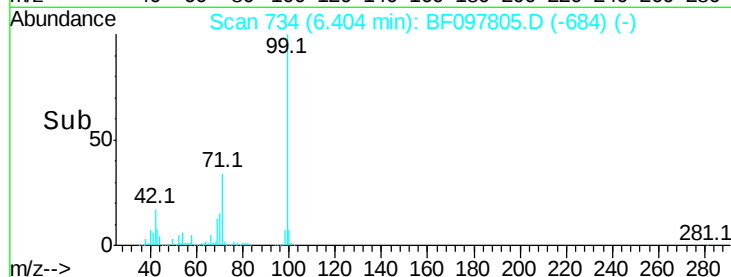
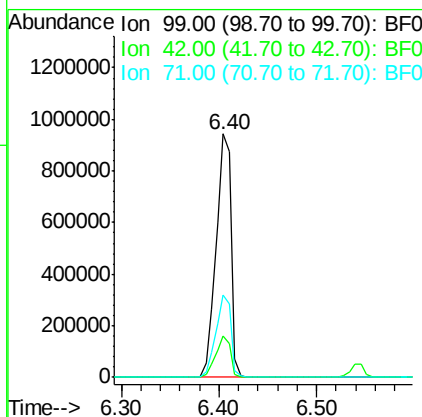
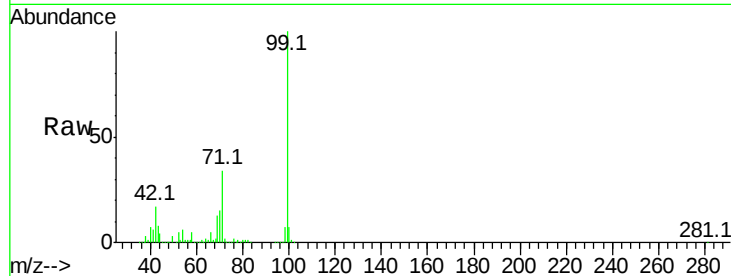
ClientSampleId :

RURRSB-05

Tot Ion	99	Resp	998450
Ion Ratio	Lower	Upper	
99	100		
42	16.8	13.5	20.3
71	34.1	24.5	36.7

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#10

Phenol

Concen: 2.202 ng

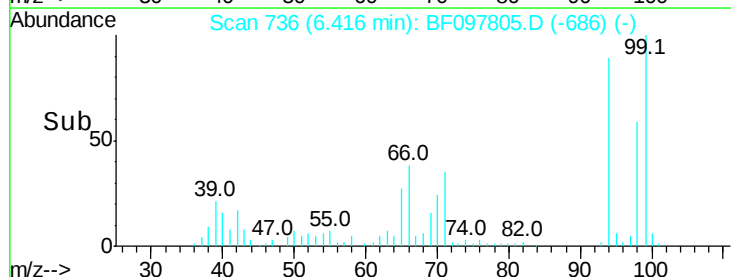
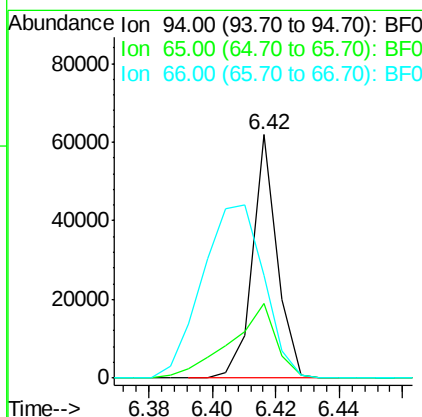
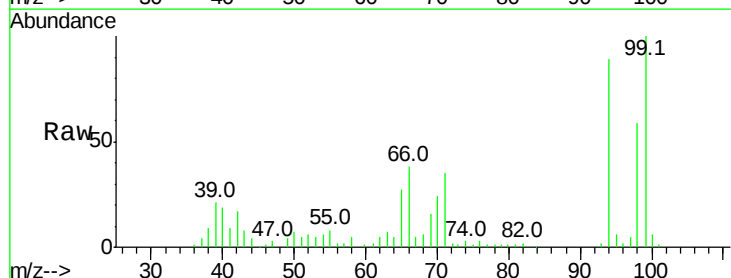
RT: 6.42 min Scan# 736

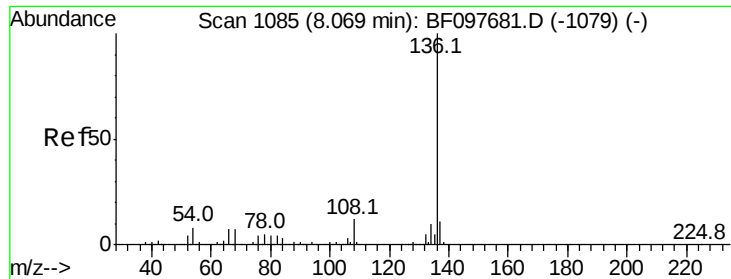
Delta R.T. -0.01 min

Lab File: BF097805.D

Acq: 18 Aug 2017 00:12

Tgt Ion	94	Resp	33503
Ion Ratio	Lower	Upper	
94	100		
65	30.6	9.9	49.9
66	42.3	23.1	63.1





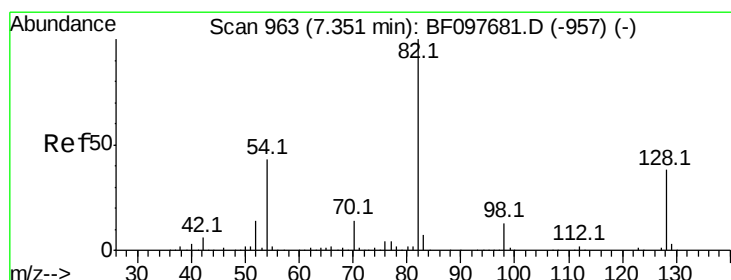
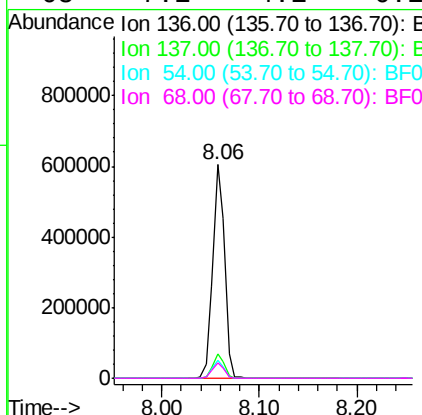
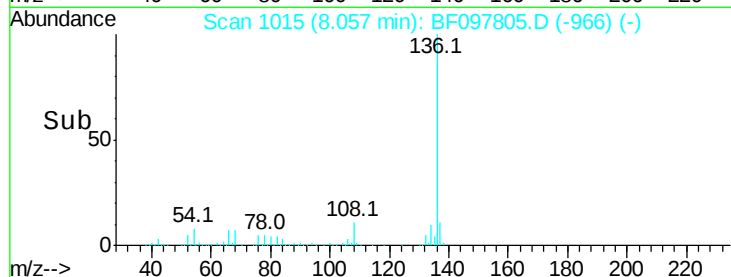
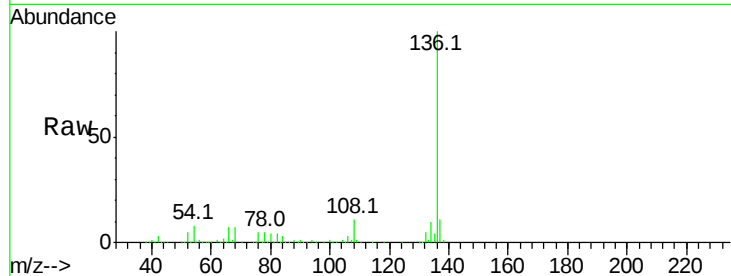
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF097805.D
Acq: 18 Aug 2017 00:12

Instrument :
BNA_F
ClientSampleId :
RURRSB-05

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.5	8.5	12.7	
54	8.4	4.9	7.3#	
68	7.1	4.1	6.1#	

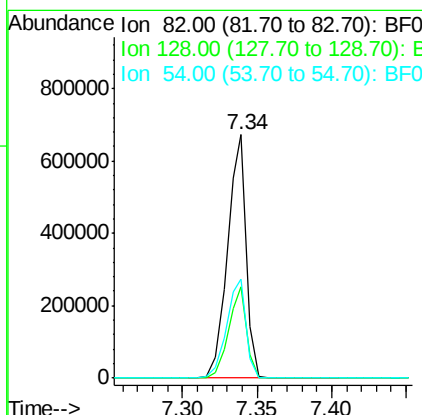
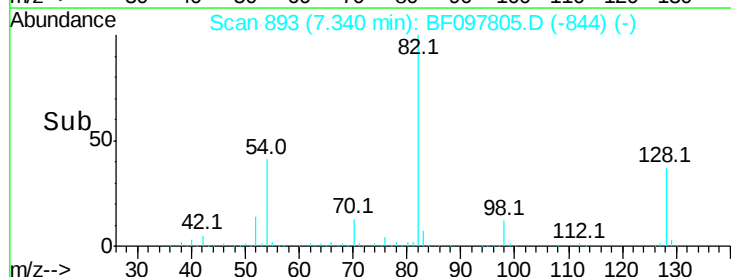
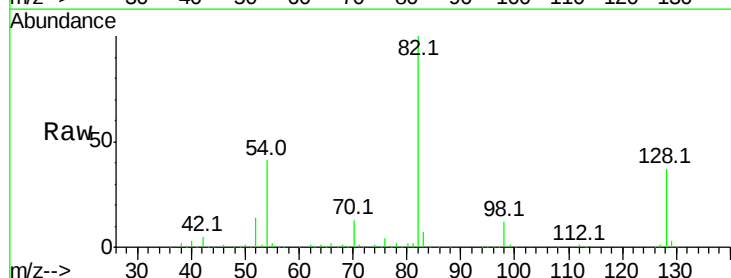
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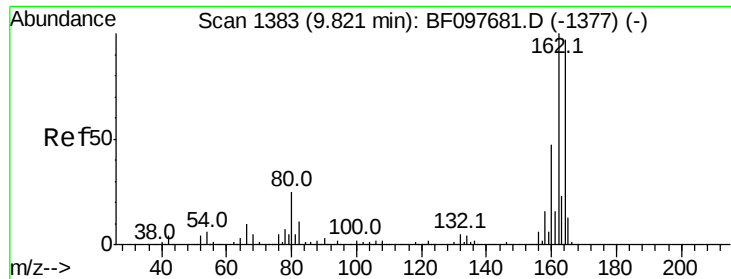
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#23
Nitrobenzene-d5
Concen: 63.540 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF097805.D
Acq: 18 Aug 2017 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	37.4	34.0	51.0	
54	40.7	42.2	63.2#	





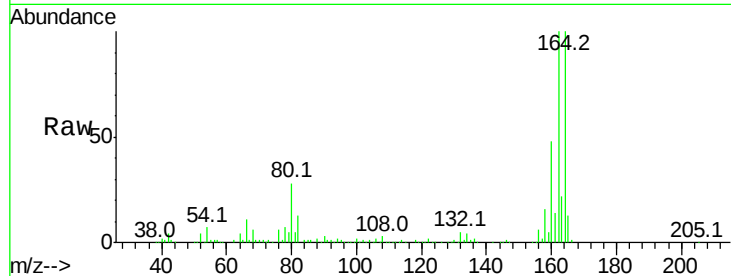
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF097805.D
Acq: 18 Aug 2017 00:12

Instrument :
BNA_F
ClientSampleId :
RURRSB-05

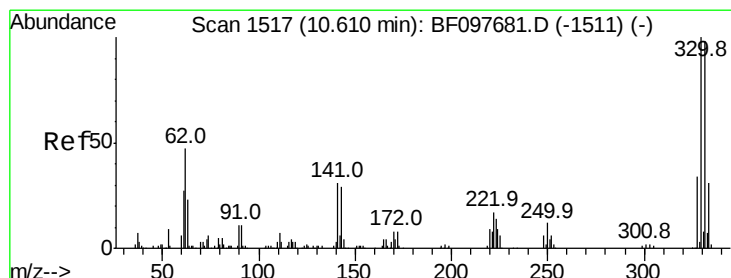
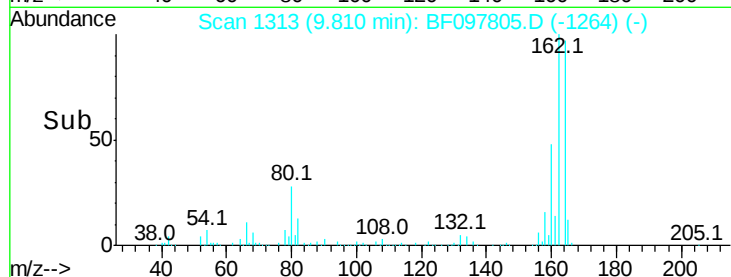
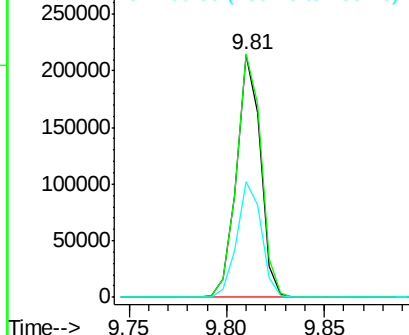
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.3	82.6	123.8	
160	47.8	36.2	54.2	

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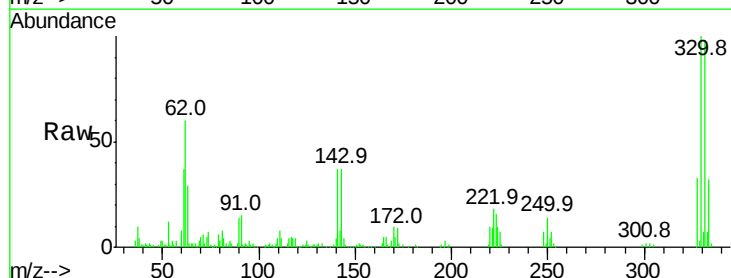


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

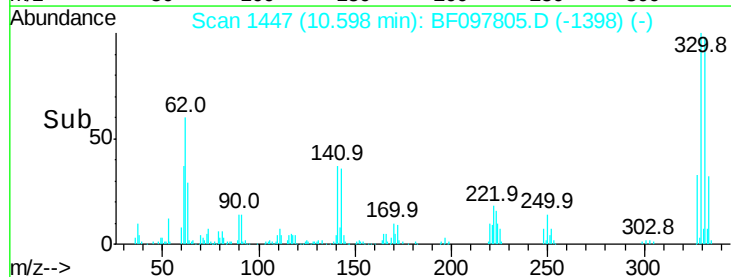
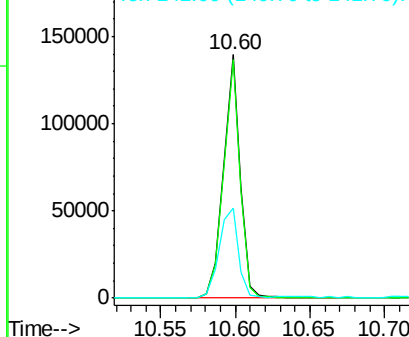


#41
2,4,6-Tribromophenol
Concen: 70.691 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF097805.D
Acq: 18 Aug 2017 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.9	76.6	115.0	
141	43.3	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





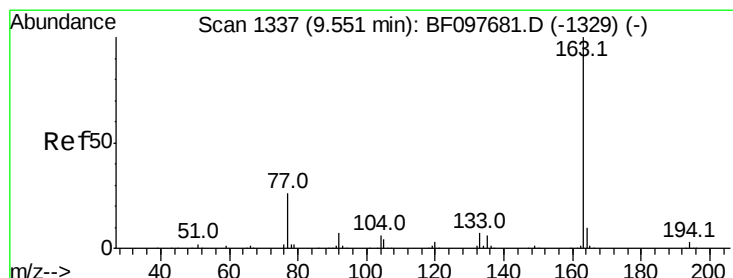
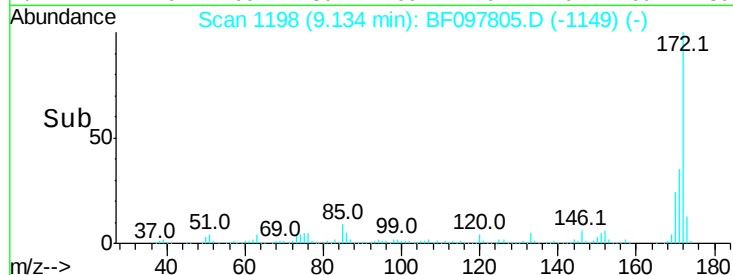
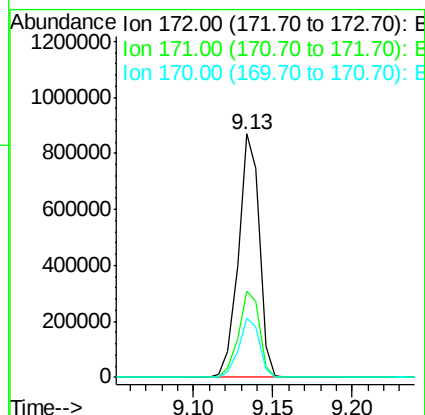
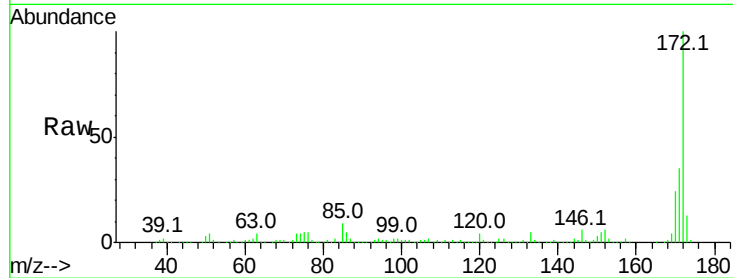
#44
2-Fluorobiphenyl
Concen: 63.788 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BF097805.D
Acq: 18 Aug 2017 00:12

Instrument :
BNA_F
ClientSampleId :
RURRSB-05

Tot Ion:	172	Resp:	790962
Ion Ratio	Lower	Upper	
172	100		
171	35.2	29.6	44.4
170	24.4	19.8	29.8

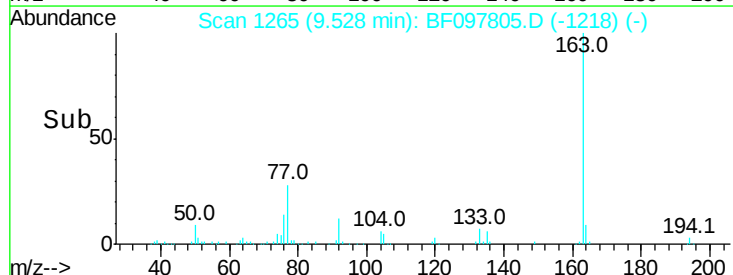
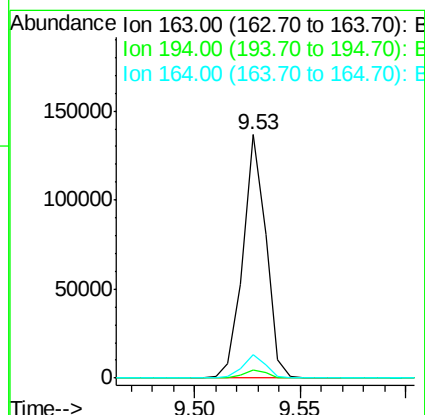
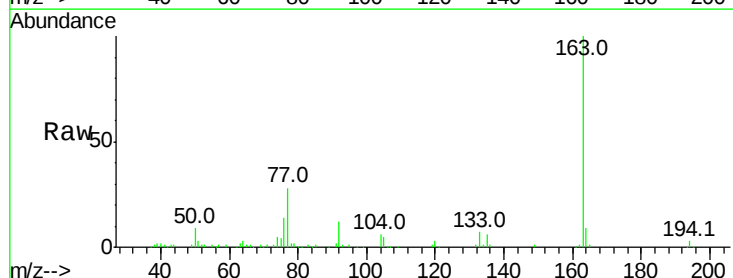
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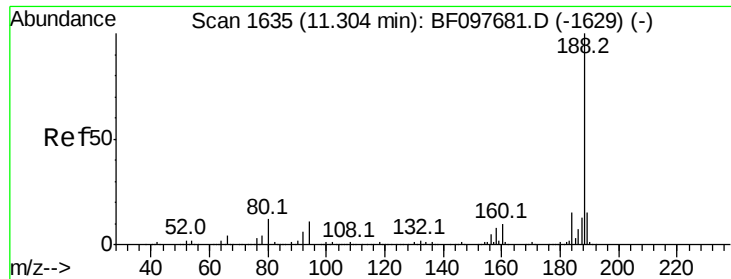
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#49
Dimethylphthalate
Concen: 7.711 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF097805.D
Acq: 18 Aug 2017 00:12

Tgt Ion:	163	Resp:	102684
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.6	4.0
164	9.4	8.4	12.6





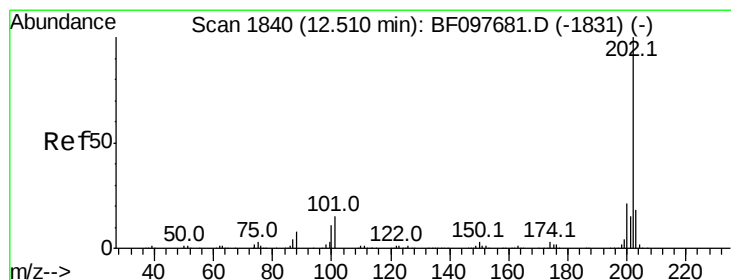
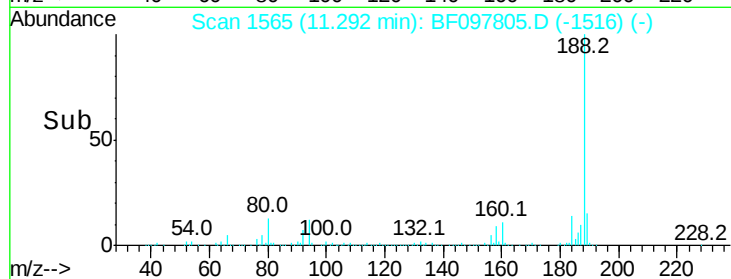
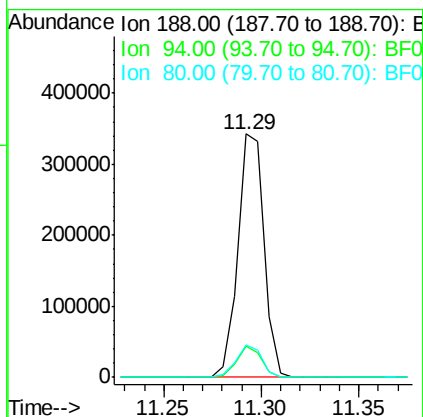
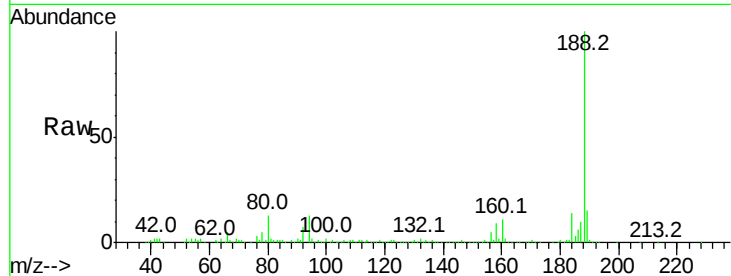
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF097805.D
Acq: 18 Aug 2017 00:12

Instrument :
BNA_F
ClientSampleId :
RURRSB-05

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	12.6		9.4	14.2
80	13.4		10.2	15.2

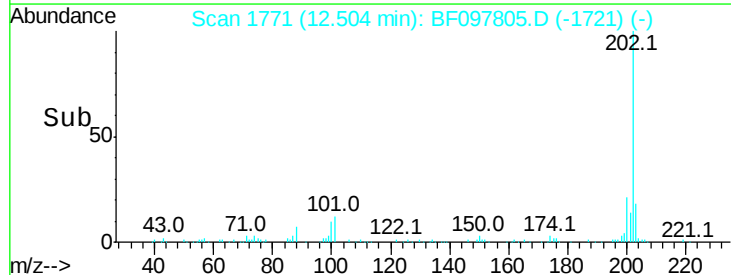
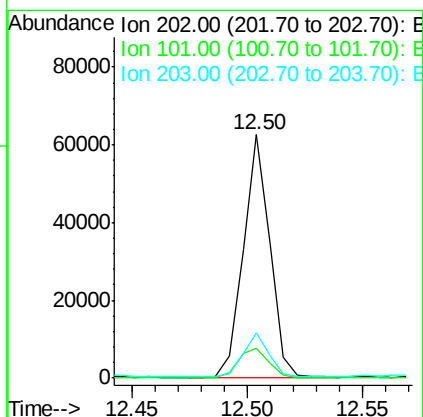
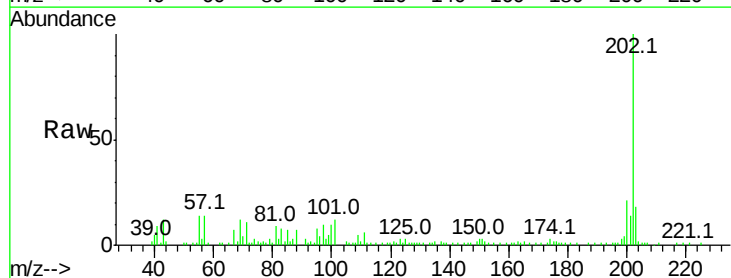
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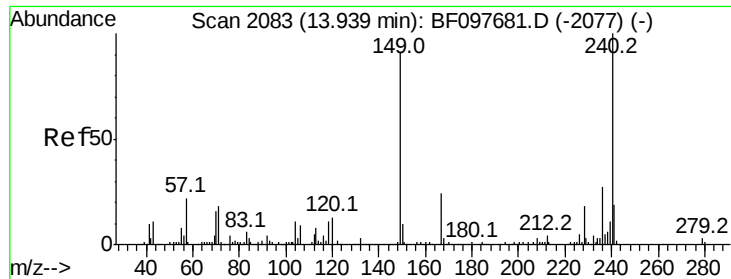
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#74
Fluoranthene
Concen: 2.846 ng
RT: 12.50 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BF097805.D
Acq: 18 Aug 2017 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	12.3		0.0	33.2
203	18.5		0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF097805.D

Acq: 18 Aug 2017 00:12

Instrument :

BNA_F

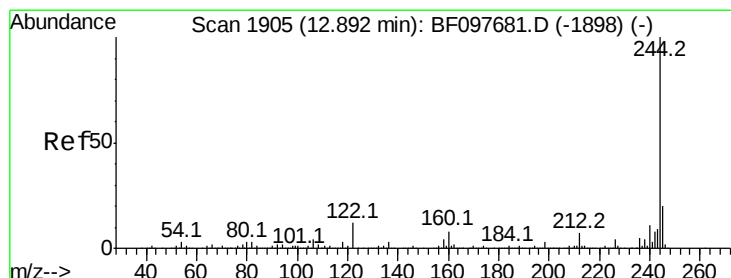
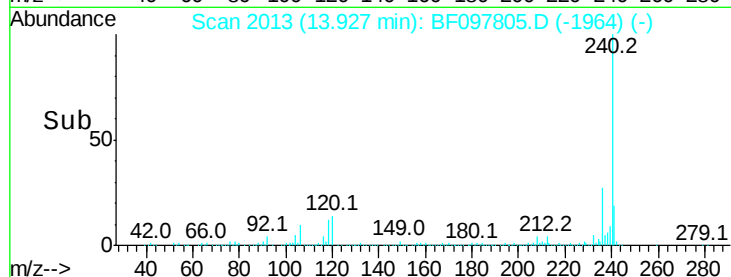
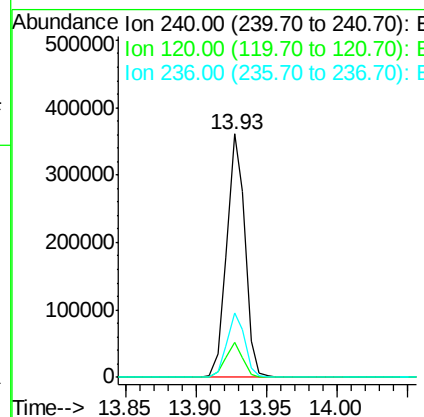
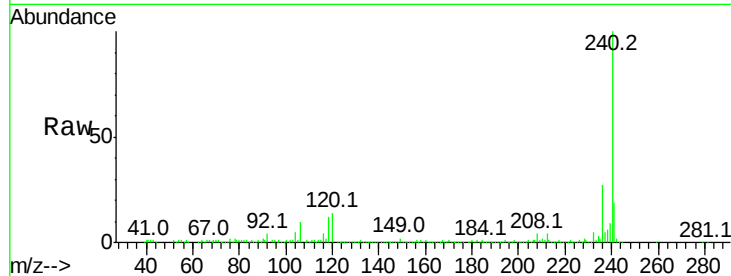
ClientSampleId :

RURRSB-05

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.2	5.8	8.8#
236	26.7	20.5	30.7

Manual Integrations
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#78

Terphenyl-d14

Concen: 38.813 ng

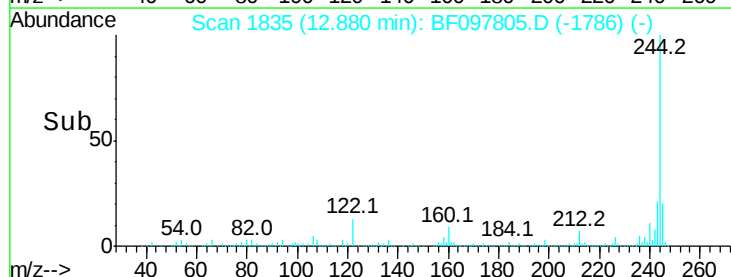
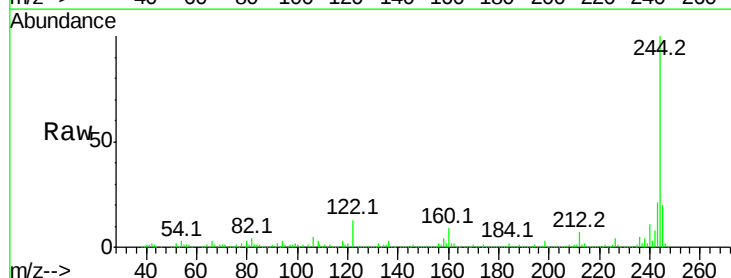
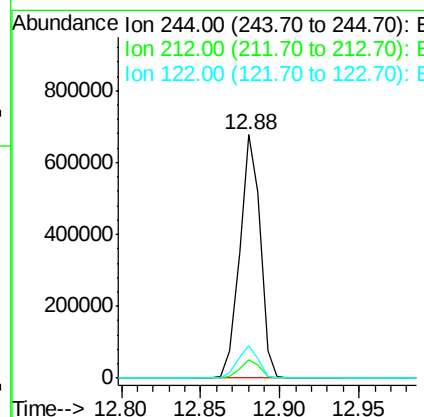
RT: 12.88 min Scan# 1835

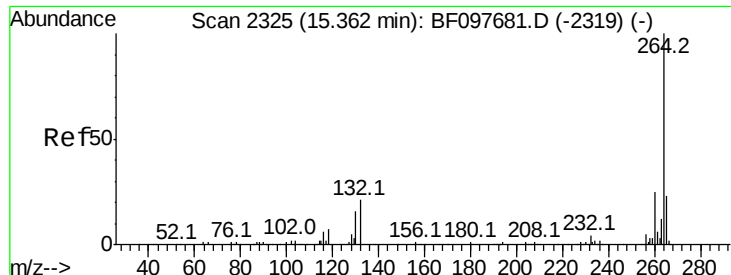
Delta R.T. -0.01 min

Lab File: BF097805.D

Acq: 18 Aug 2017 00:12

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	13.4	10.3	15.5





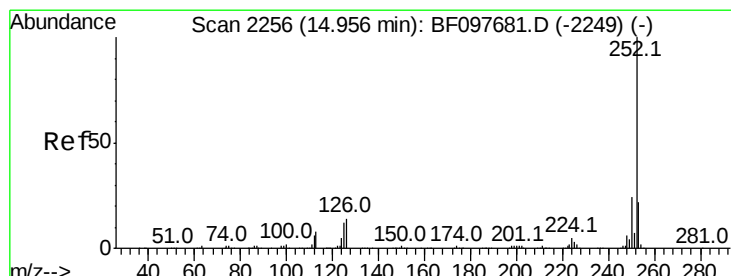
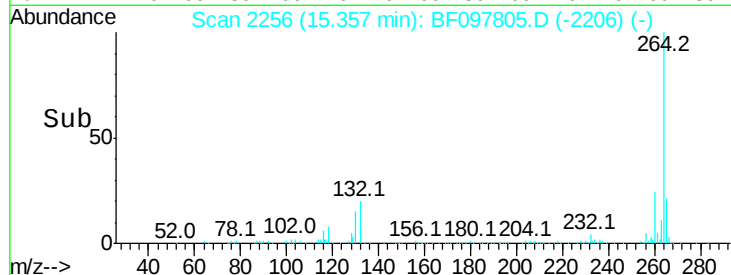
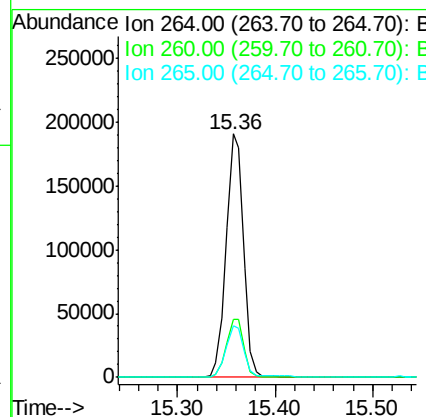
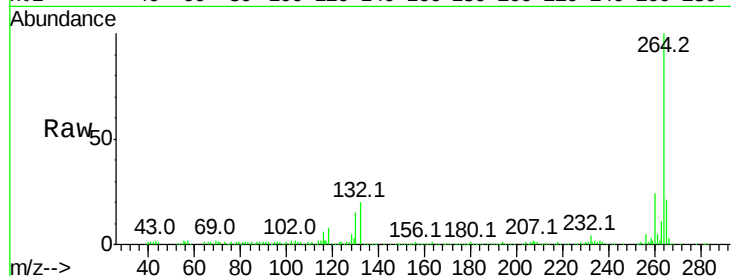
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF097805.D
Acq: 18 Aug 2017 00:12

Instrument :
BNA_F
ClientSampled :
RURRSB-05

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.1	17.2	25.8

Manual Integrations
APPROVED

Sohil
8/18/2017 7:02:30 PM



#87
Benzo(b)fluoranthene
Concen: 2.046 ng m
RT: 14.94 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BF097805.D
Acq: 18 Aug 2017 00:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.1	27.1
125	14.9	9.8	14.8#

