

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
 Data File : BF097688.D
 Acq On : 15 Aug 2017 13:53
 Operator : SJ/JU
 Sample : I4705-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-COMP

Manual Integrations
 APPROVED

Sohil
 8/16/2017 6:45:09 PM

Quant Time: Aug 15 15:41:06 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	6.78	152	133500	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	521462	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	222403	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	385940	20.00	ng	0.00
75) Chrysene-d12	13.93	240	269215	20.00	ng	0.00
86) Perylene-d12	15.36	264	265467	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	740185	84.34	ng	0.00
7) Phenol-d6	6.41	99	998648	83.74	ng	0.00
23) Nitrobenzene-d5	7.35	82	599332	62.44	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	160634	83.24	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	853745	56.40	ng	0.00
78) Terphenyl-d14	12.89	244	590130	45.71	ng	0.00
Target Compounds						
10) Phenol	6.42	94	33377	2.393	ng	99
49) Dimethylphthalate	9.53	163	202107	12.432	ng	99
74) Fluoranthene	12.50	202	48662	2.267	ng	97
77) Pyrene	12.73	202	44507	2.021	ng	98
87) Benzo(b)fluoranthene	14.94	252	34656m	2.071	ng	

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

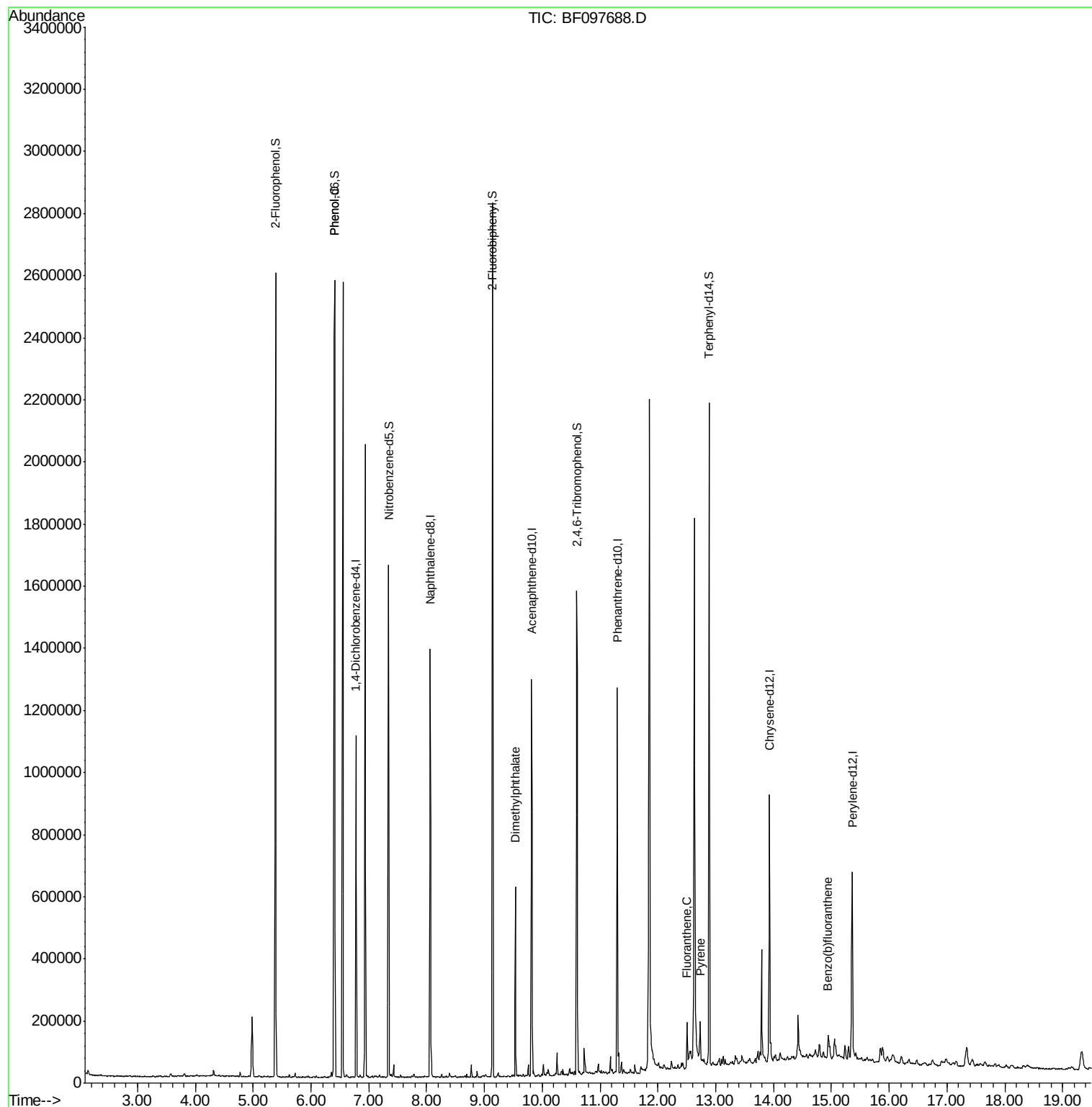
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
Data File : BF097688.D
Acq On : 15 Aug 2017 13:53
Operator : SJ/JU
Sample : I4705-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

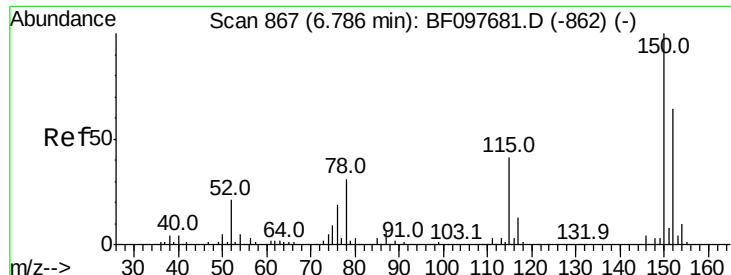
Instrument :
BNA_F
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#1

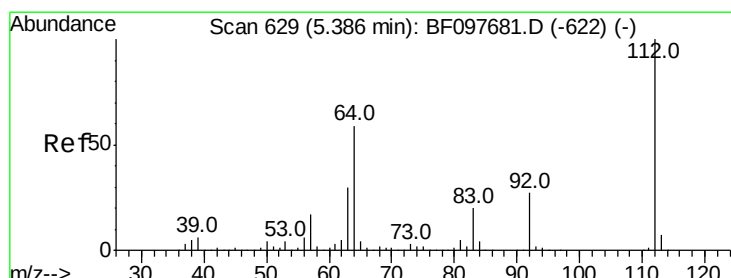
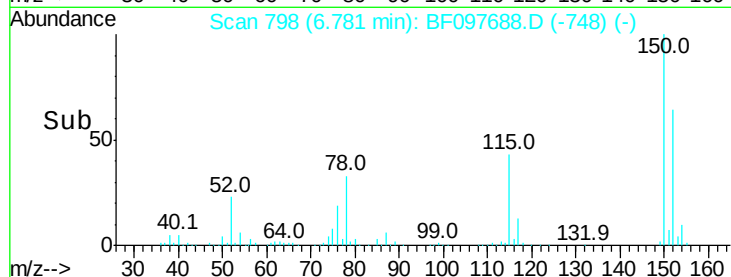
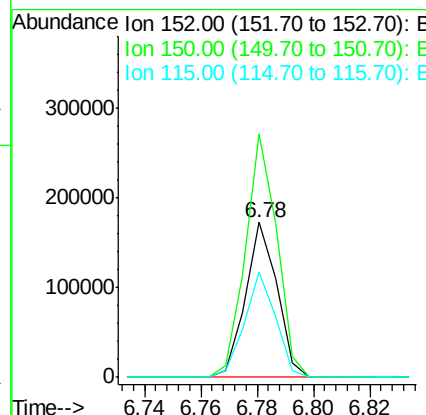
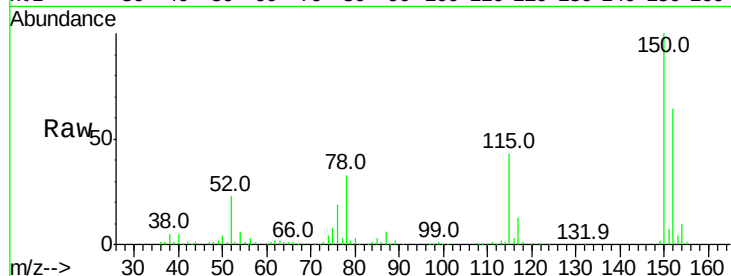
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF097688.D
Acq: 15 Aug 2017 13:53

Instrument :
BNA_F
ClientSampleId :
SP-A-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	126.2	189.2
115	68.0	52.2	78.2

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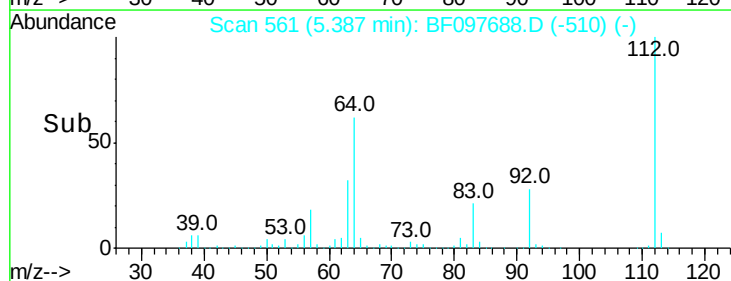
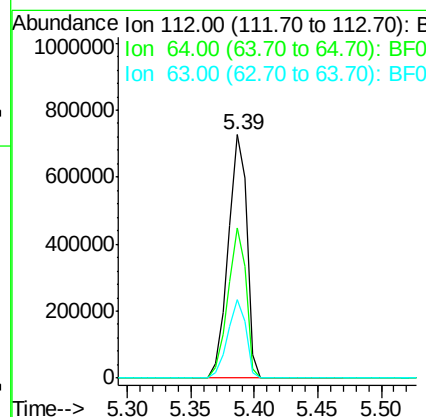
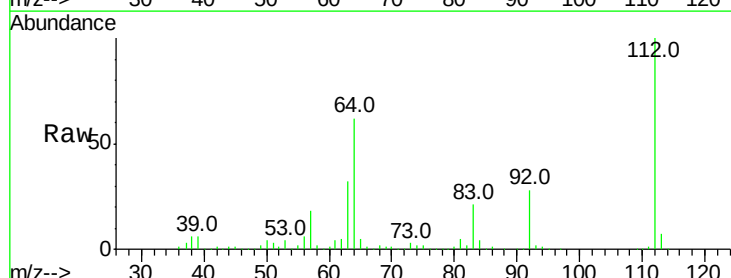
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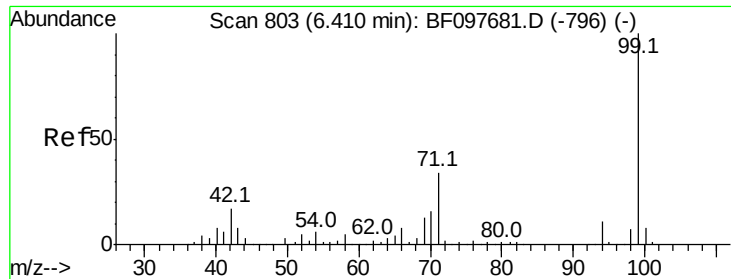


#5

2-Fluorophenol
Concen: 84.335 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF097688.D
Acq: 15 Aug 2017 13:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.5	46.0	69.0
63	32.1	23.4	35.0





#7

Phenol-d6

Concen: 83.744 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097688.D

Acq: 15 Aug 2017 13:53

Instrument :

BNA_F

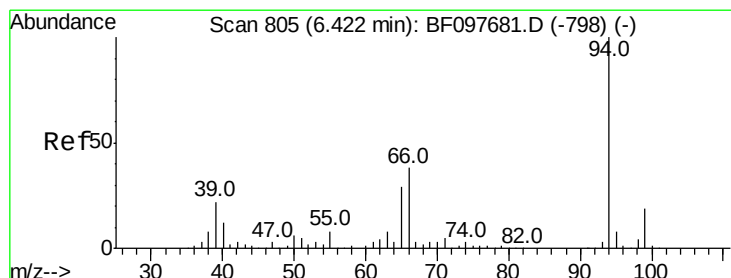
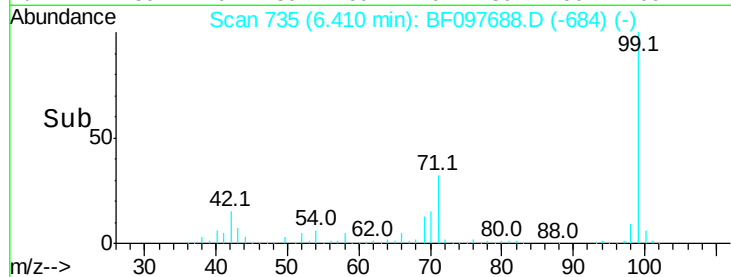
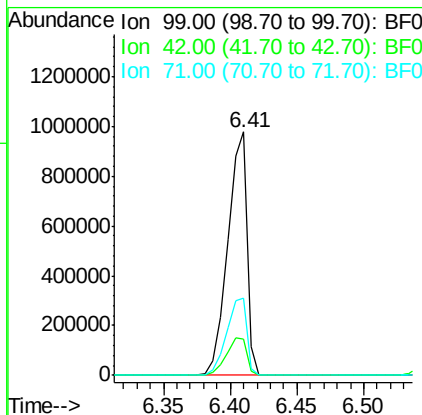
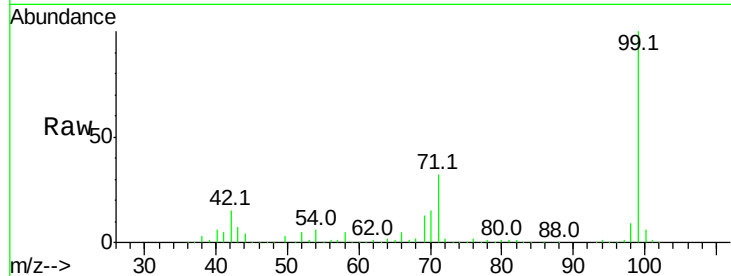
ClientSampled :

SP-A-COMP

Tot Ion:	99	Resp:	998648
Ion Ratio	Lower	Upper	
99	100		
42	15.0	13.5	20.3
71	31.8	24.5	36.7

Manual Integrations
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#10

Phenol

Concen: 2.393 ng

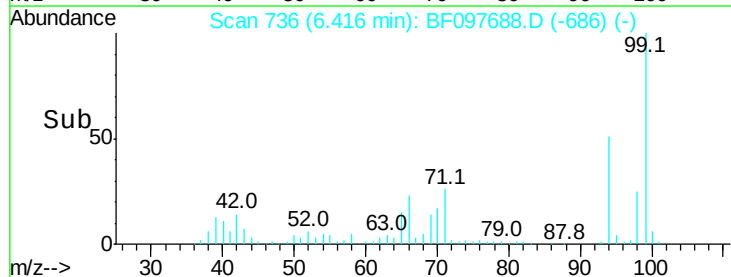
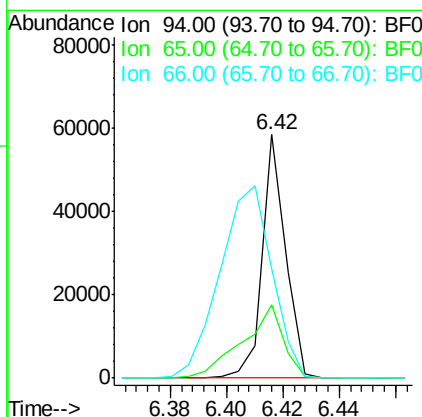
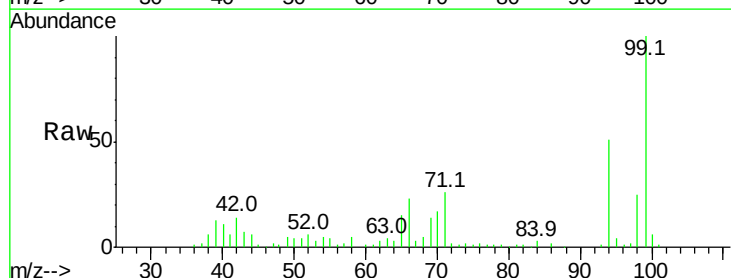
RT: 6.42 min Scan# 736

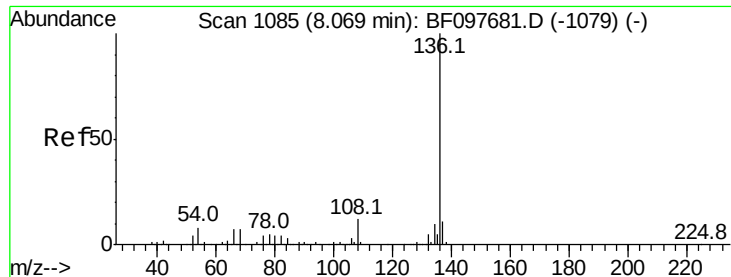
Delta R.T. -0.01 min

Lab File: BF097688.D

Acq: 15 Aug 2017 13:53

Tgt Ion:	94	Resp:	33377
Ion Ratio	Lower	Upper	
94	100		
65	29.9	9.9	49.9
66	44.7	23.1	63.1





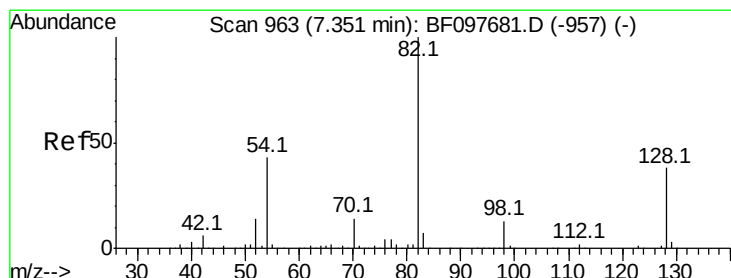
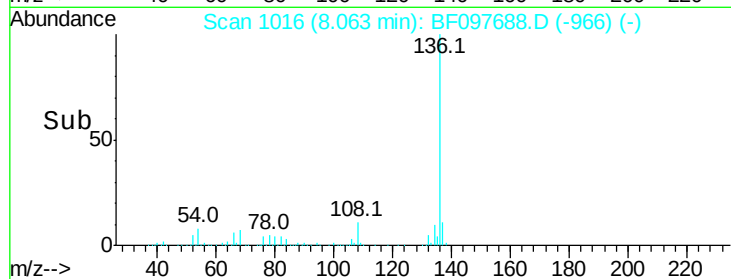
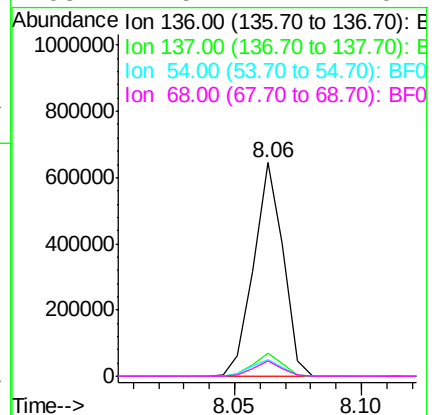
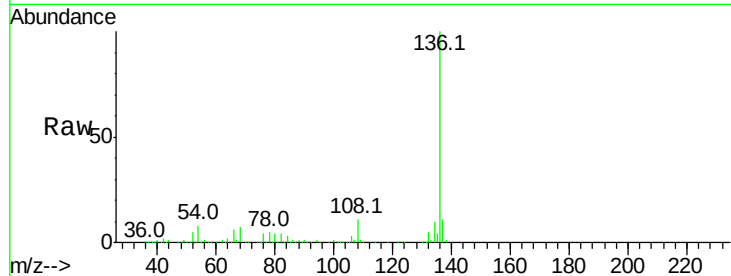
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF097688.D
Acq: 15 Aug 2017 13:53

Instrument :
BNA_F
ClientSampled :
SP-A-COMP

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	8.5	12.7
54	8.0	4.9	7.3#
68	7.5	4.1	6.1#

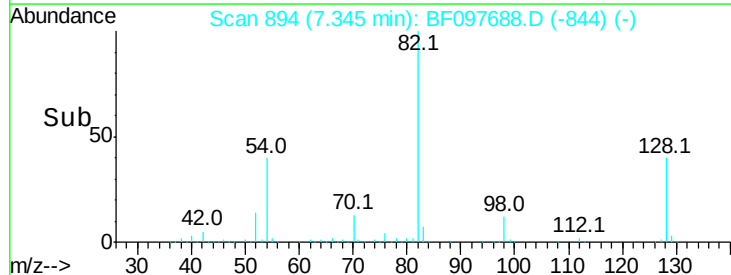
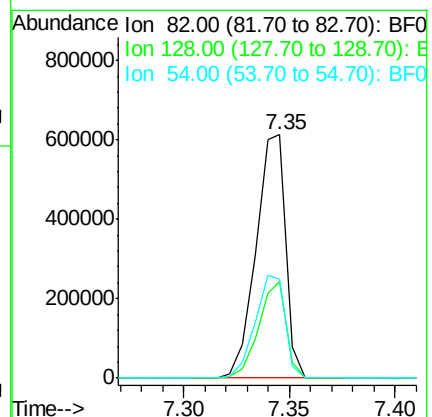
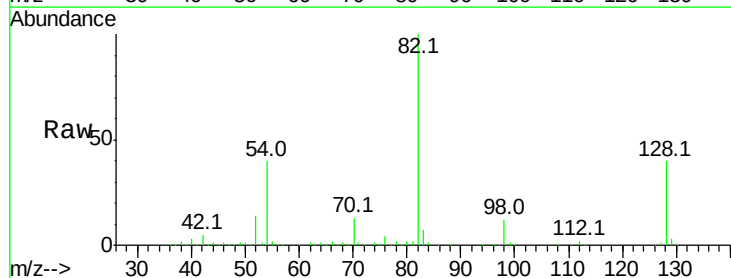
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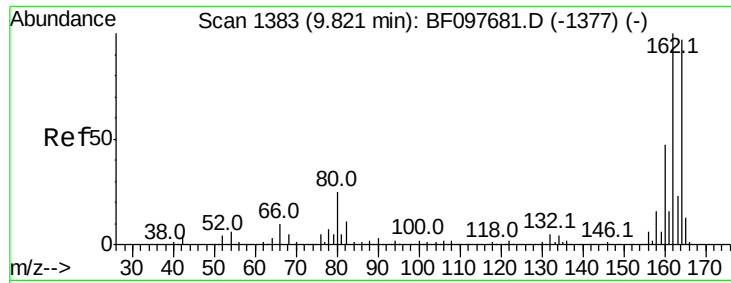
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#23
Nitrobenzene-d5
Concen: 62.437 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF097688.D
Acq: 15 Aug 2017 13:53

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	39.7	34.0	51.0
54	40.4	42.2	63.2#





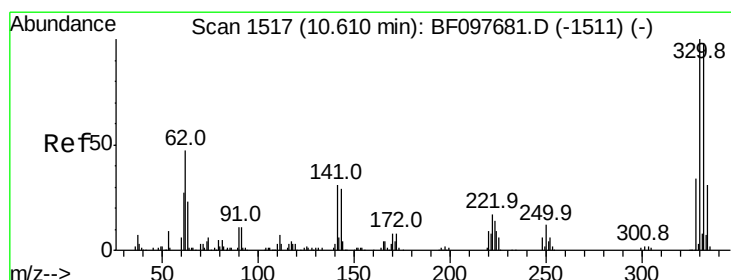
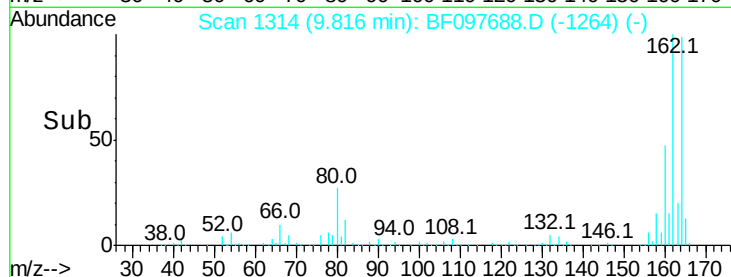
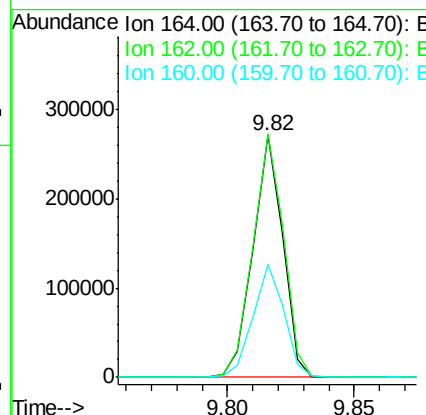
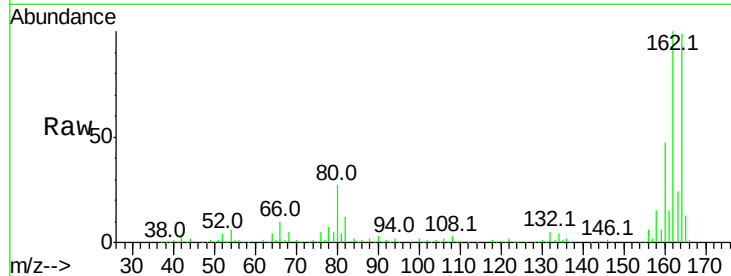
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF097688.D
 Acq: 15 Aug 2017 13:53

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-COMP

Tot Ion	164	Resp	222403
Ion Ratio	Lower	Upper	
164	100		
162	100.6	82.6	123.8
160	46.8	36.2	54.2

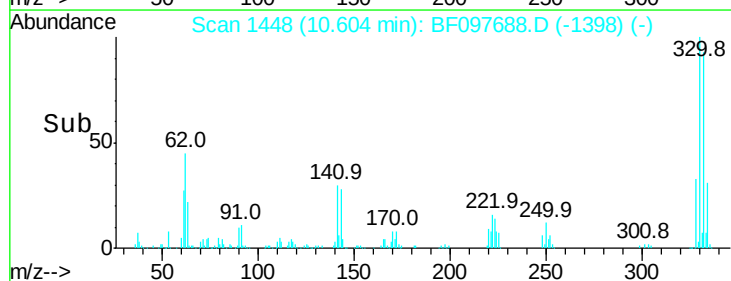
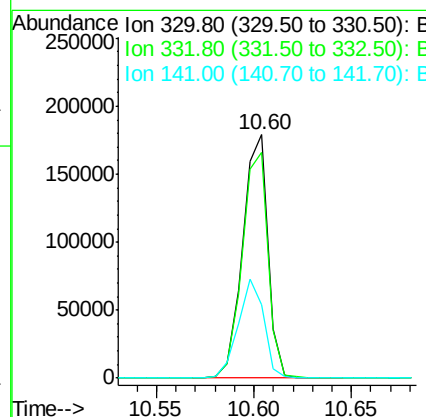
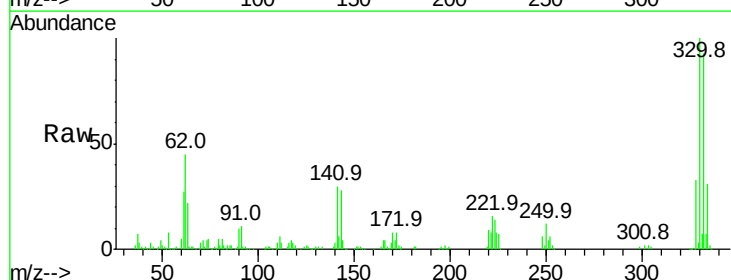
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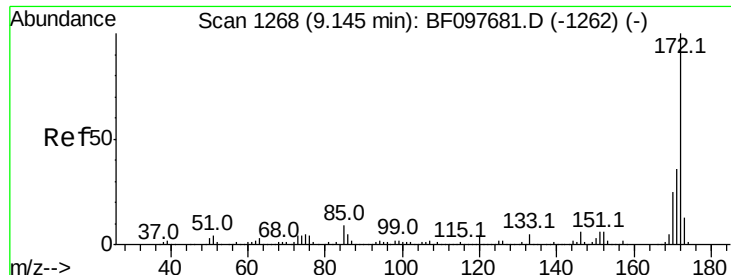
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#41
 2,4,6-Tribromophenol
 Concen: 83.243 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF097688.D
 Acq: 15 Aug 2017 13:53

Tgt Ion	330	Resp	160634
Ion Ratio	Lower	Upper	
330	100		
332	95.3	76.6	115.0
141	41.5	31.4	47.2





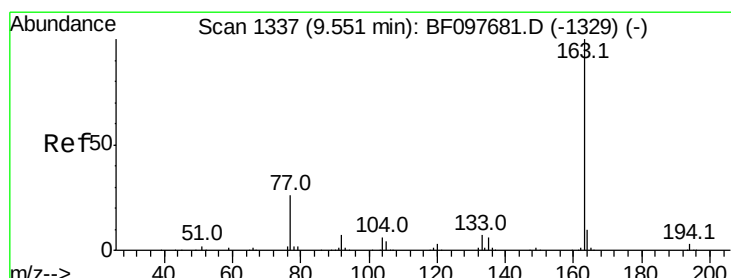
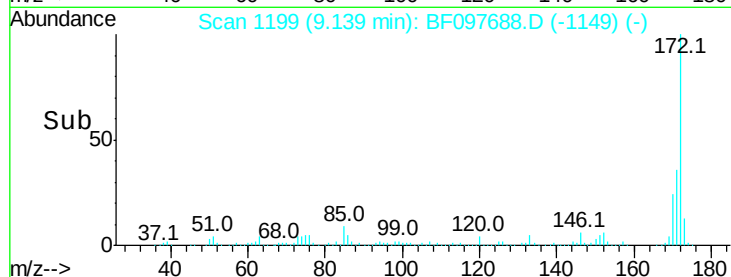
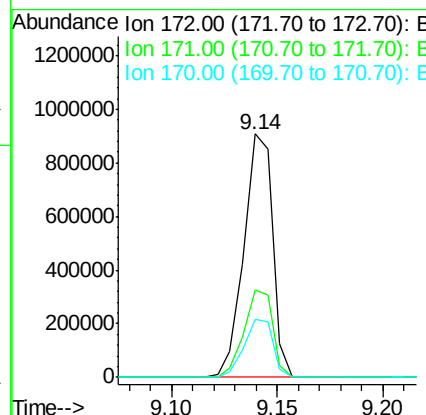
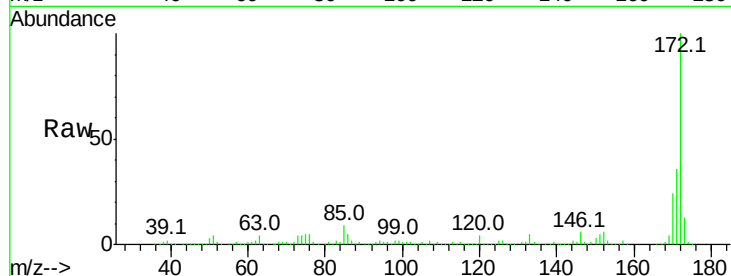
#44
 2-Fluorobiphenyl
 Concen: 56.399 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF097688.D
 Acq: 15 Aug 2017 13:53

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-COMP

Tot Ion:	172	Resp:	853745
Ion Ratio	Lower	Upper	
172	100		
171	35.7	29.6	44.4
170	23.9	19.8	29.8

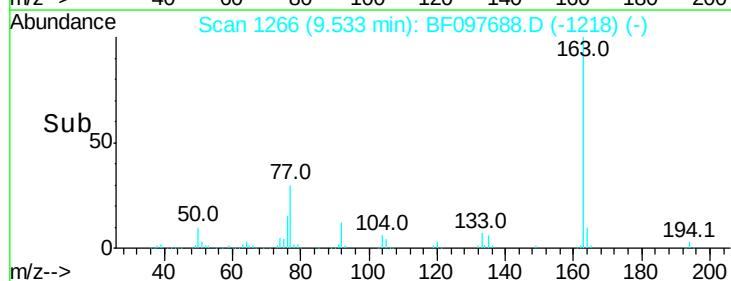
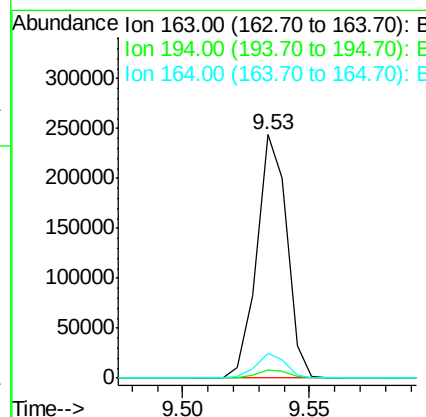
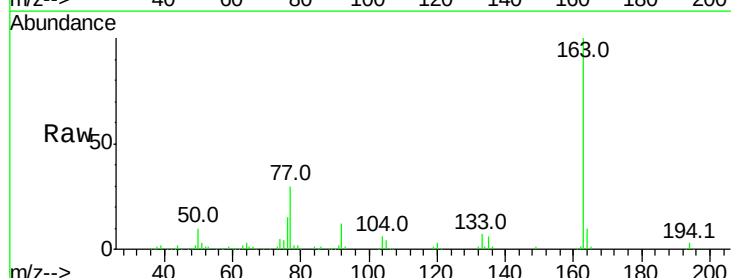
Manual Integrations
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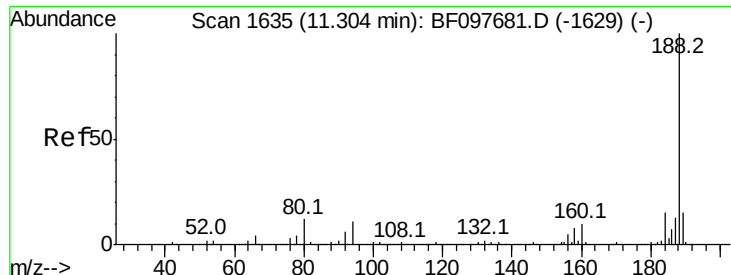
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#49
 Dimethylphthalate
 Concen: 12.432 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. -0.02 min
 Lab File: BF097688.D
 Acq: 15 Aug 2017 13:53

Tgt Ion:	163	Resp:	202107
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.6	4.0
164	10.0	8.4	12.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BF097688.D

Acq: 15 Aug 2017 13:53

Instrument :

BNA_F

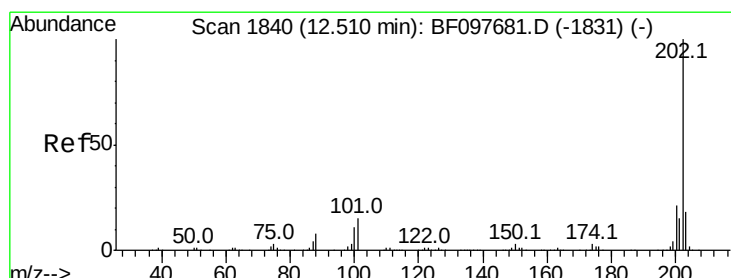
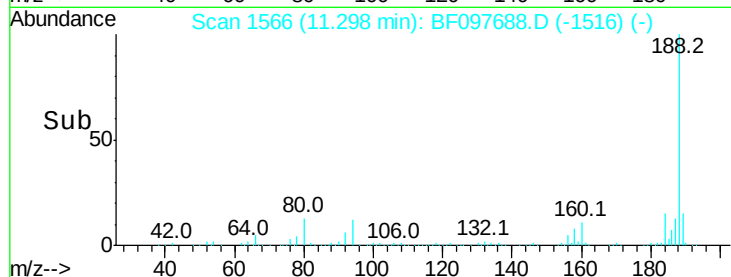
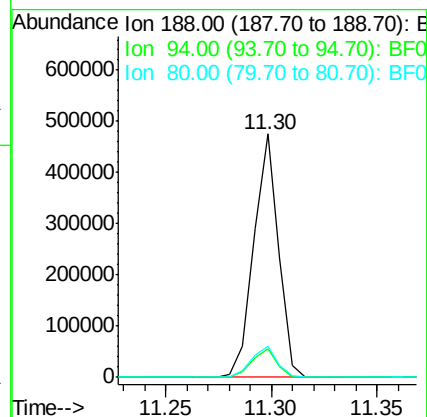
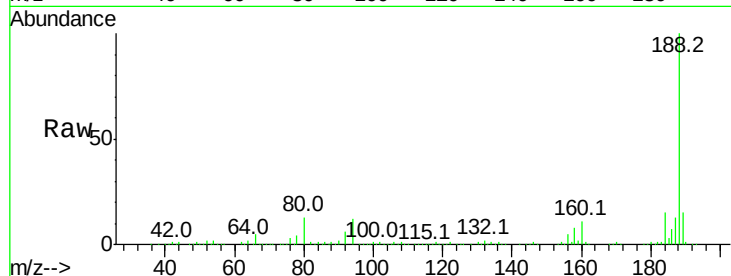
ClientSampleId :

SP-A-COMP

Tot Ion:	188	Resp:	385940
Ion Ratio	Lower	Upper	
188	100		
94	11.7	9.4	14.2
80	12.7	10.2	15.2

Manual Integrations
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#74

Fluoranthene

Concen: 2.267 ng

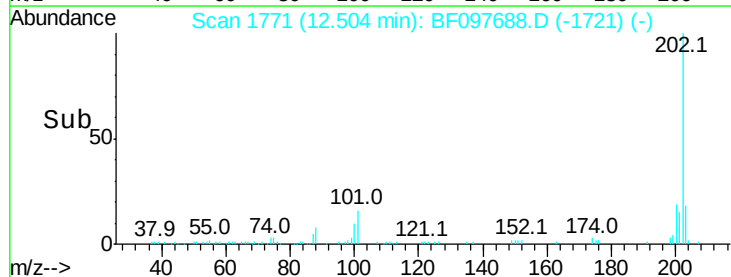
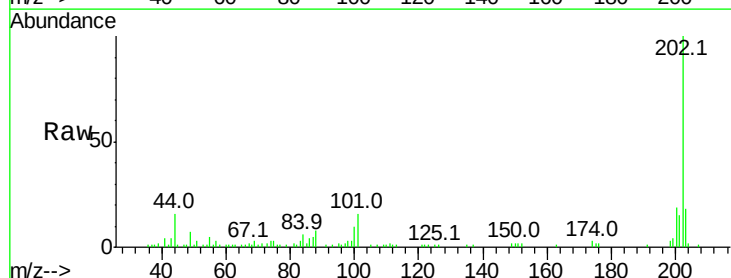
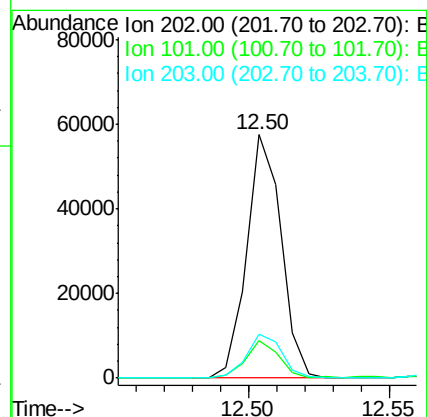
RT: 12.50 min Scan# 1771

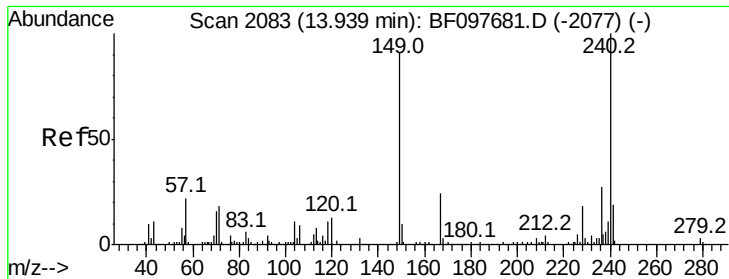
Delta R.T. -0.01 min

Lab File: BF097688.D

Acq: 15 Aug 2017 13:53

Tgt Ion:	202	Resp:	48662
Ion Ratio	Lower	Upper	
202	100		
101	15.5	0.0	33.2
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF097688.D

Acq: 15 Aug 2017 13:53

Instrument :

BNA_F

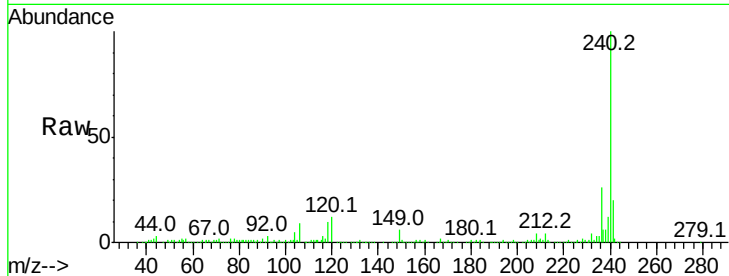
ClientSampleId :

SP-A-COMP

Tot Ion	Ratio	Resp	Lower	Upper
240	100	269215		
120	11.9	5.8	8.8#	
236	26.1	20.5	30.7	

Manual Integrations
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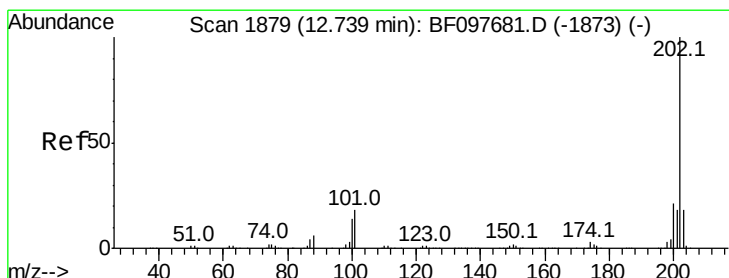
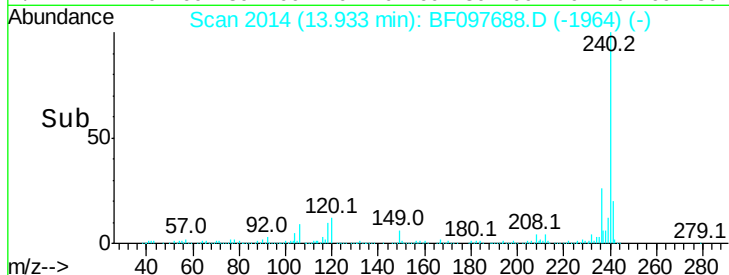
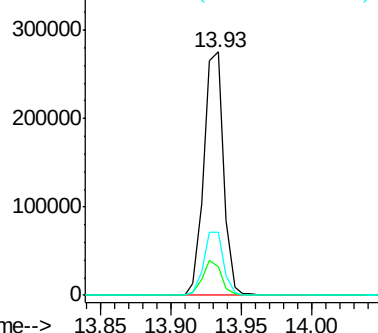
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 2.021 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF097688.D

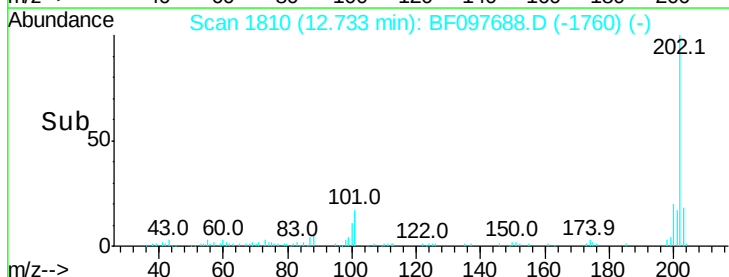
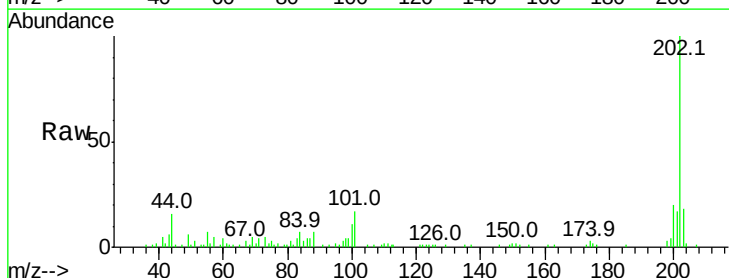
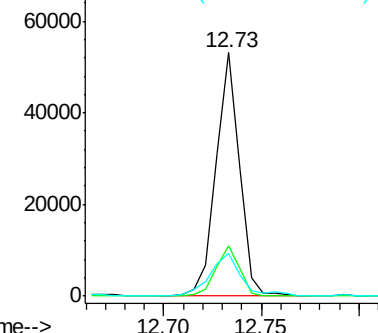
Acq: 15 Aug 2017 13:53

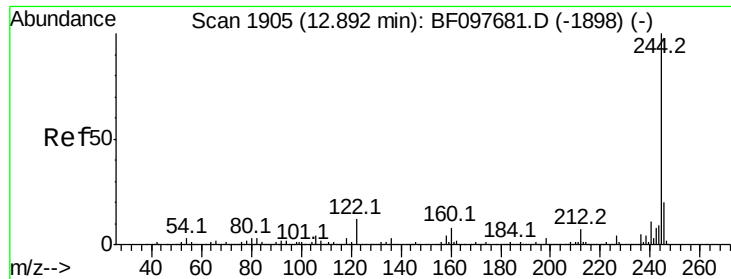
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	44507		
200	20.4	17.6	26.4	
203	17.7	14.4	21.6	

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





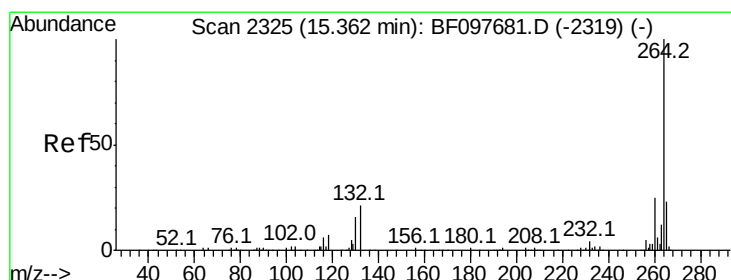
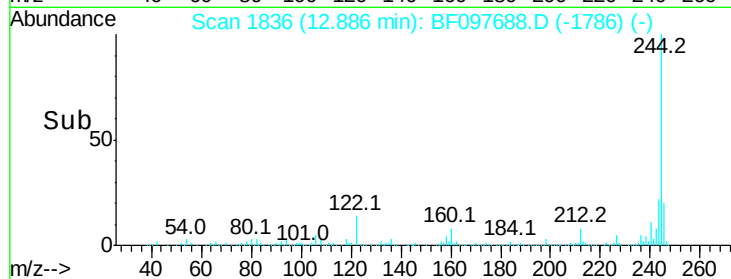
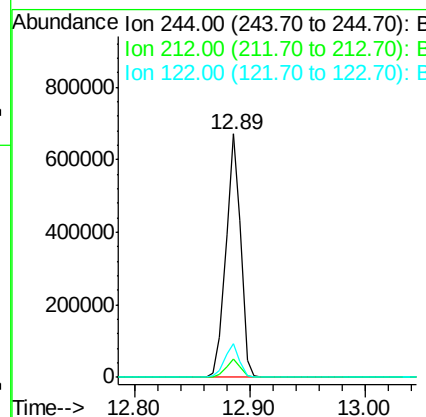
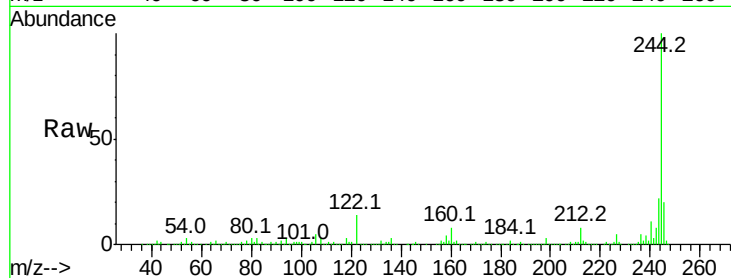
#78
 Terphenyl-d14
 Concen: 45.711 ng
 RT: 12.89 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BF097688.D
 Acq: 15 Aug 2017 13:53

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-COMP

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.6	6.0	9.0	
122	13.6	10.3	15.5	

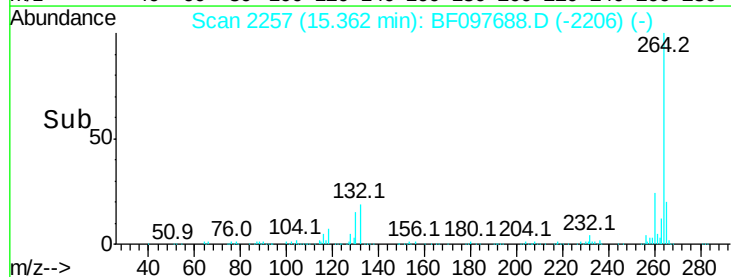
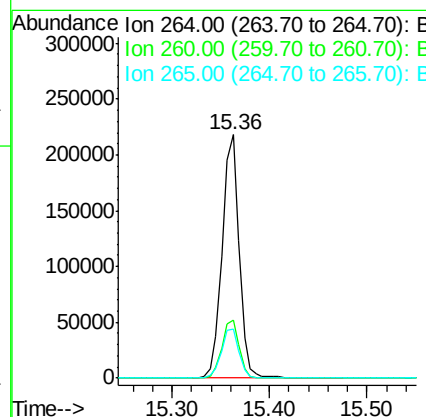
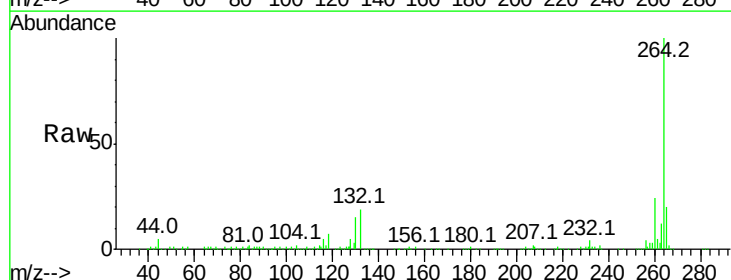
Manual Integrations
 APPROVED

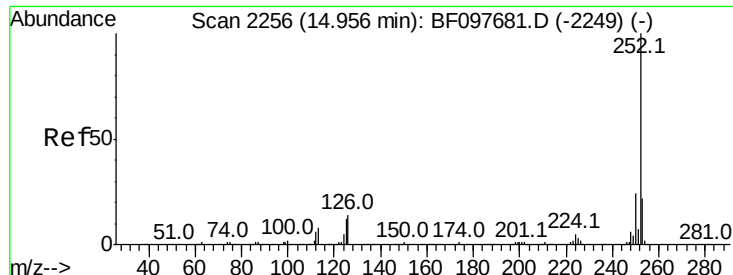
Sohil
 8/16/2017 6:45:09 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.36 min Scan# 2257
 Delta R.T. 0.00 min
 Lab File: BF097688.D
 Acq: 15 Aug 2017 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	24.1	19.5	29.3	
265	20.3	17.2	25.8	





#87
 Benzo(b)fluoranthene
 Concen: 2.071 ng m
 RT: 14.94 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BF097688.D
 Acq: 15 Aug 2017 13:53

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-COMP

Tot Ion:	252	Resp:	34656
Ion Ratio	Lower	Upper	
252	100		
253	19.5	18.1	27.1
125	13.1	9.8	14.8

Manual Integrations
 APPROVED

Sohil
 8/16/2017 6:45:09 PM

