

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
 Data File : BF097913.D
 Acq On : 21 Aug 2017 18:55
 Operator : SJ/JU
 Sample : I4838-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-TP-106-F(0-5)COMP

Manual Integrations
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Sohil
 8/22/2017 5:44:30 PM

Quant Time: Aug 22 05:22:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	148206	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	601000	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	257119	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	448475	20.00	ng	0.00
75) Chrysene-d12	13.89	240	308746	20.00	ng	0.00
86) Perylene-d12	15.32	264	267988	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1063124	109.11	ng	0.01
7) Phenol-d6	6.39	99	1505013	113.68	ng	0.00
23) Nitrobenzene-d5	7.32	82	925844	83.69	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	242884	108.87	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	1190183	68.01	ng	0.00
78) Terphenyl-d14	12.85	244	763929	51.60	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.50	163	173070	9.208	ng	99
70) Phenanthrene	11.29	178	80411	3.365	ng	98
74) Fluoranthene	12.47	202	138411	5.549	ng	99
77) Pyrene	12.70	202	119814	4.745	ng	98
80) Benzo(a)anthracene	13.88	228	56527	3.055	ng	100
82) Chrysene	13.92	228	50578	2.748	ng	97
87) Benzo(b)fluoranthene	14.90	252	64128m	3.796	ng	
89) Benzo(a)pyrene	15.25	252	45422	3.037	ng	97
91) Benzo(g,h,i)perylene	17.10	276	25598	2.015	ng	91

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

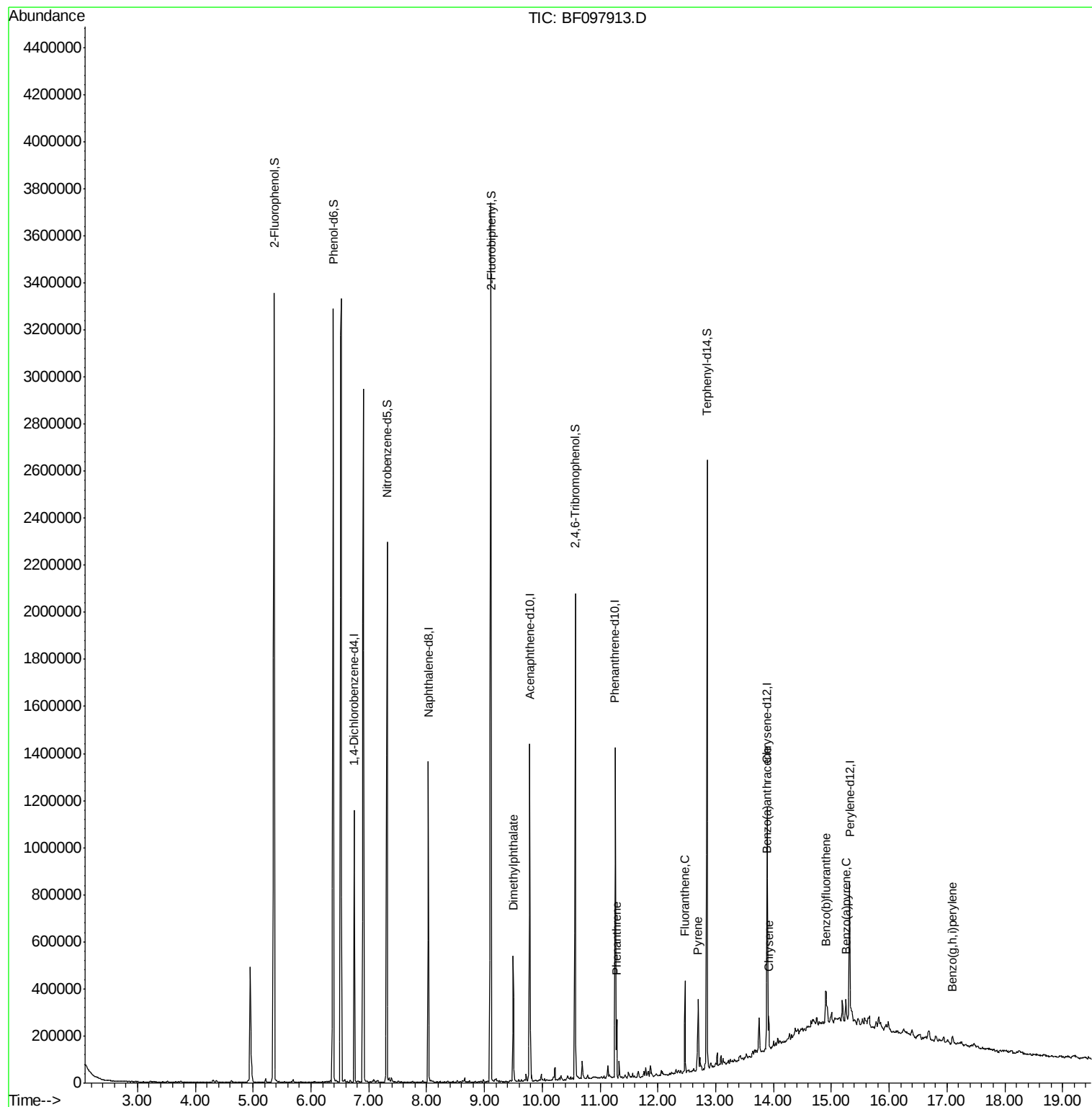
Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097913.D
Acq On : 21 Aug 2017 18:55
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Sample : I4838-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

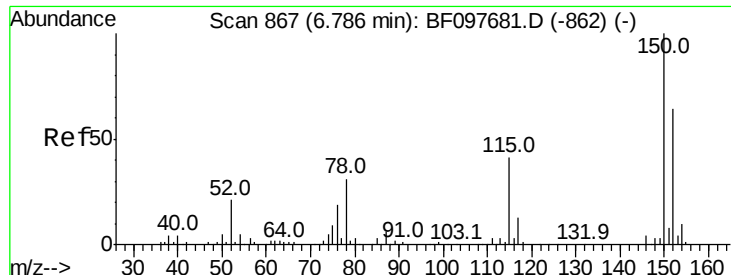
Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-F(0-5)COMP

Manual Integrations
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Quant Time: Aug 22 05:22:13 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

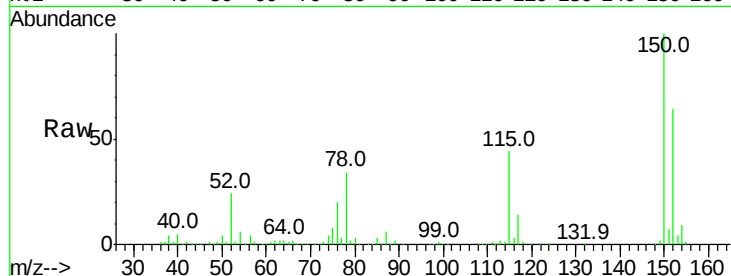
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF097913.D
Acq: 21 Aug 2017 18:55

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-F(0-5)COMP

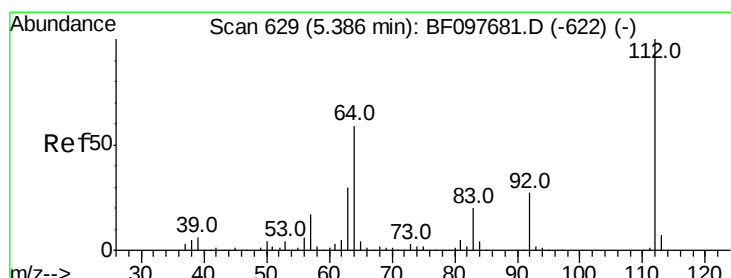
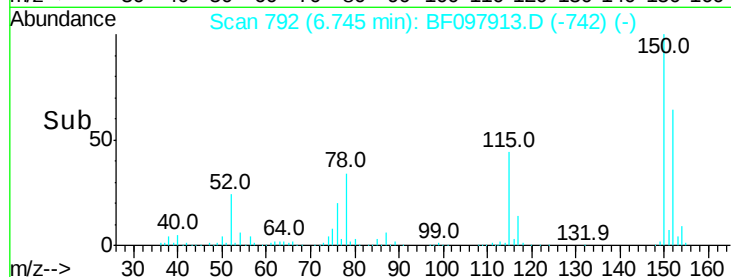
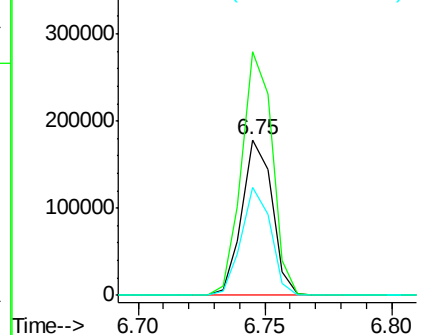
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.2	189.2
115	69.4	52.2	78.2

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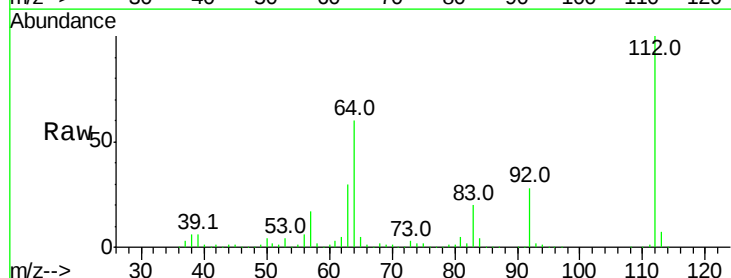
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



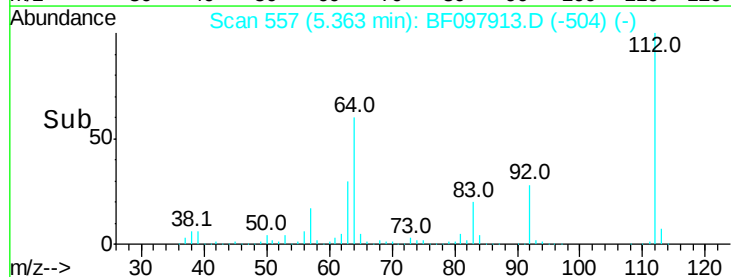
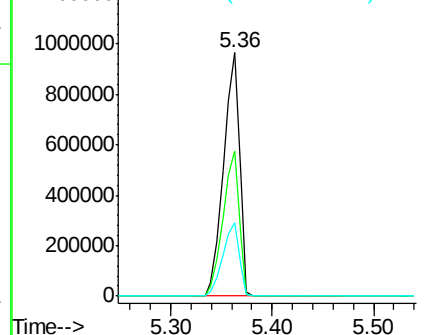
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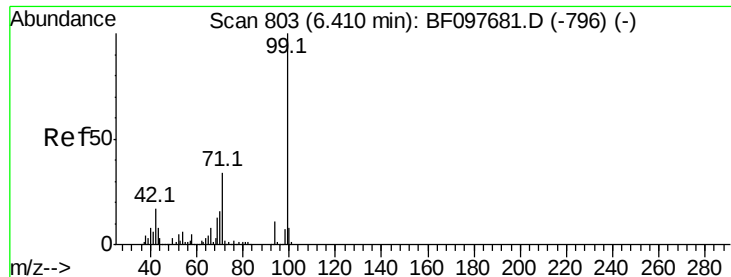
2-Fluorophenol
Concen: 109.111 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF097913.D
Acq: 21 Aug 2017 18:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	46.0	69.0
63	30.2	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: 113.683 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF097913.D

Acq: 21 Aug 2017 18:55

Instrument :

BNA_F

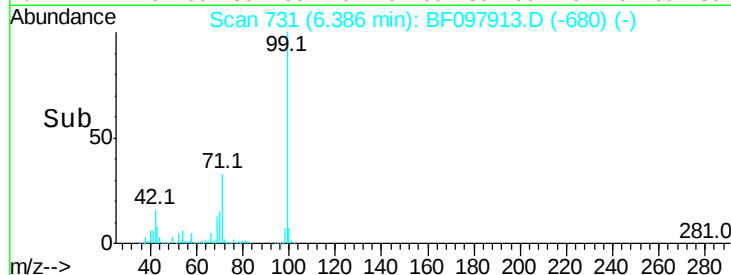
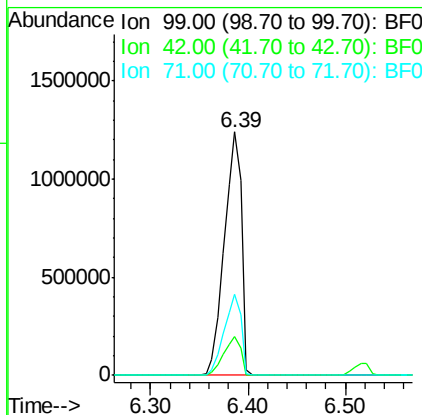
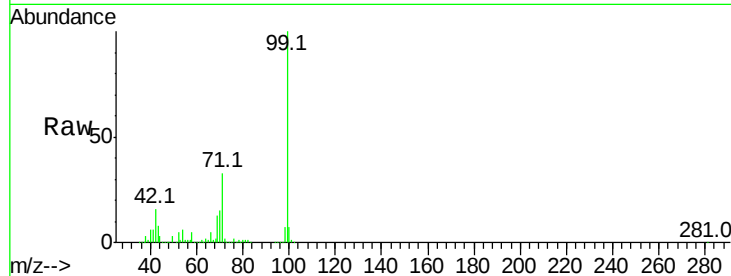
ClientSampleId :

SASP2P-TP-106-F(0-5)COMP

Tot Ion:	99	Resp:	1505013
Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.5	20.3
71	33.3	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

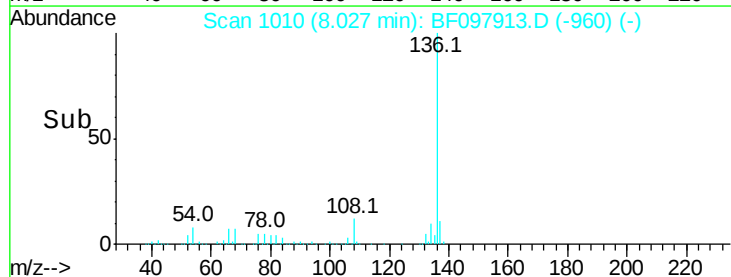
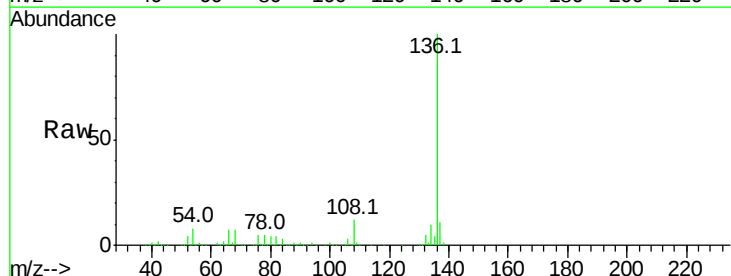
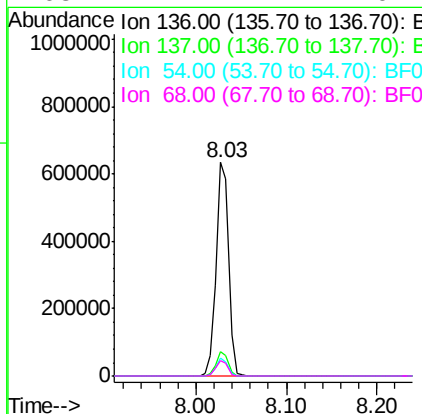
RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF097913.D

Acq: 21 Aug 2017 18:55

Tgt Ion:	136	Resp:	601000
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	8.4	4.9	7.3#
68	7.4	4.1	6.1#





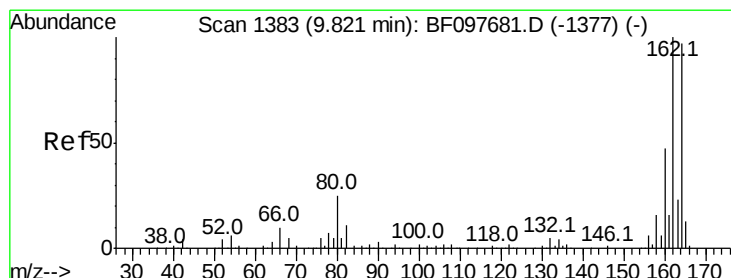
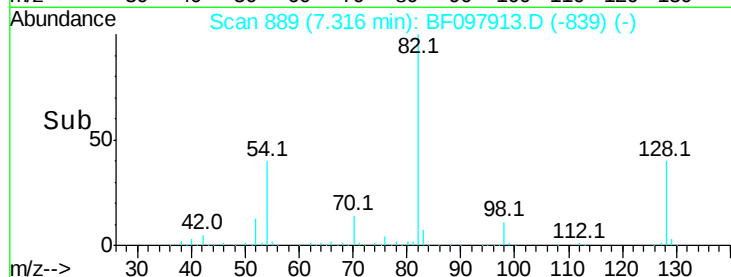
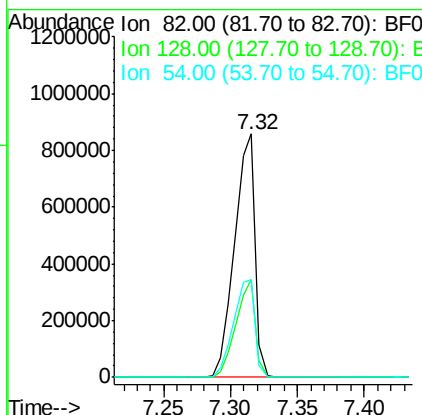
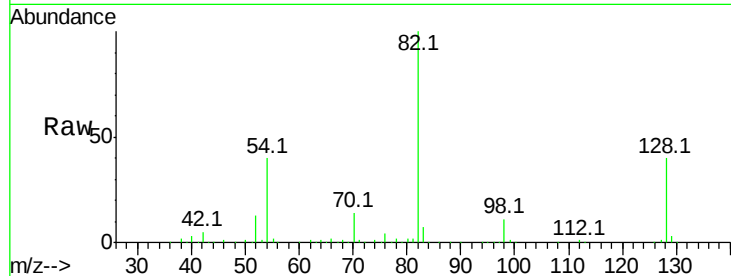
#23
Nitrobenzene-d5
Concen: 83.687 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF097913.D
Acq: 21 Aug 2017 18:55

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-F(0-5)COMP

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.4	34.0	51.0	
54	40.2	42.2	63.2	

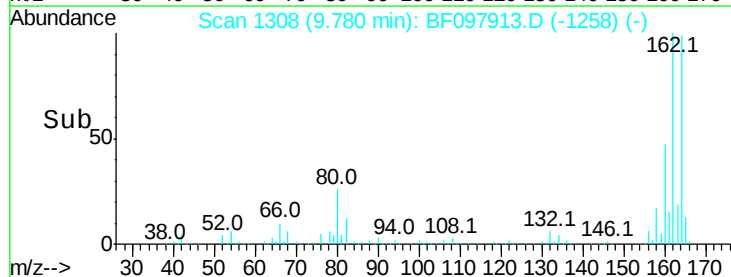
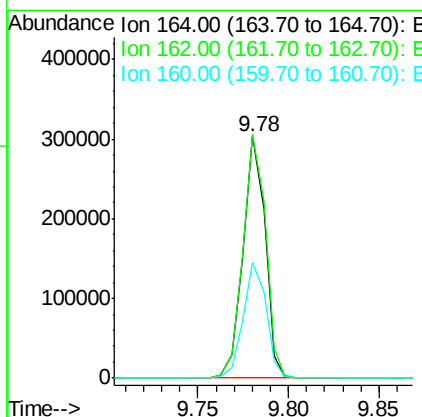
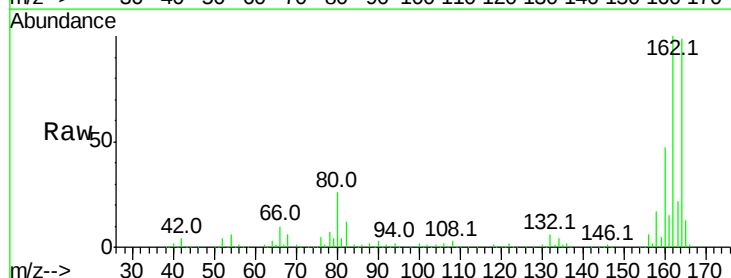
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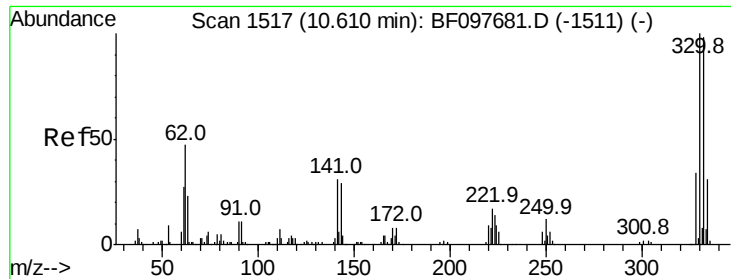
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF097913.D
Acq: 21 Aug 2017 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.7	82.6	123.8	
160	47.8	36.2	54.2	





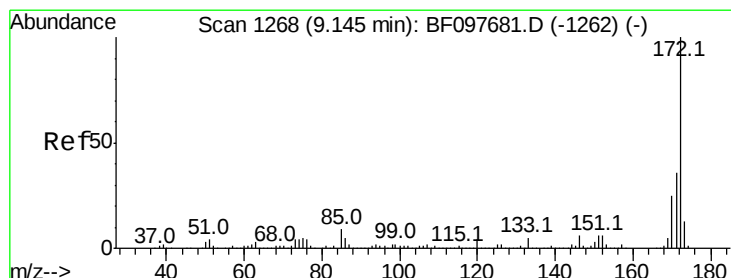
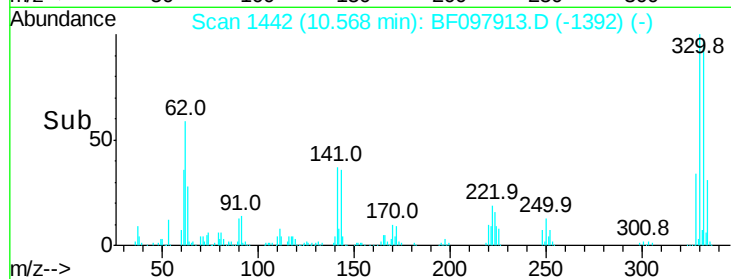
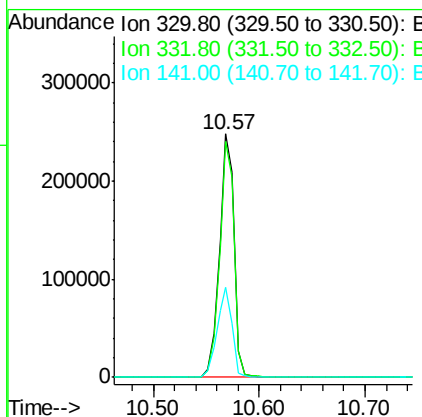
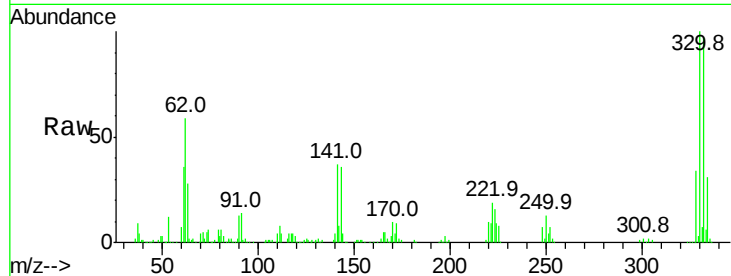
#41
 2,4,6-Tribromophenol
 Concen: 108.871 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF097913.D
 Acq: 21 Aug 2017 18:55

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-TP-106-F(0-5)COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100	242884		
332	96.4	76.6	115.0	
141	37.9	31.4	47.2	

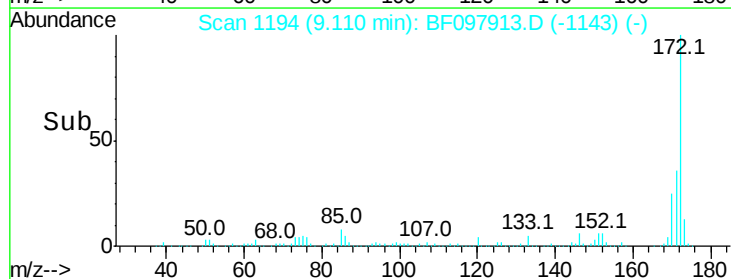
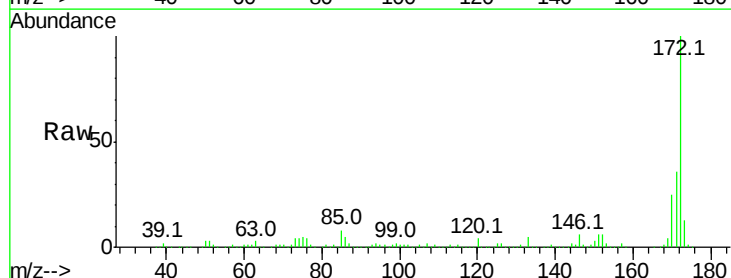
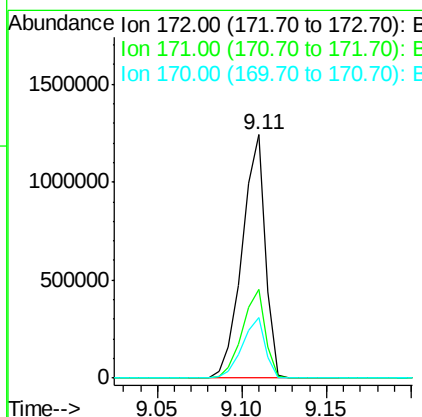
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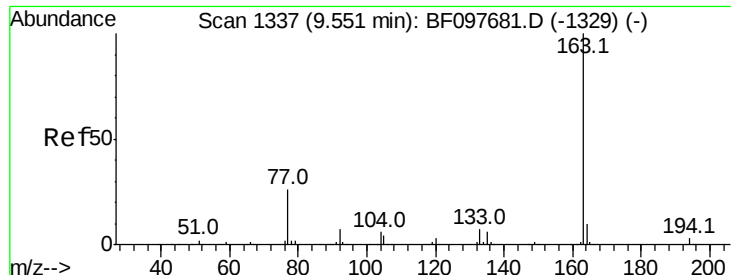
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#44
 2-Fluorobiphenyl
 Concen: 68.008 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BF097913.D
 Acq: 21 Aug 2017 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1190183		
171	36.4	29.6	44.4	
170	25.0	19.8	29.8	





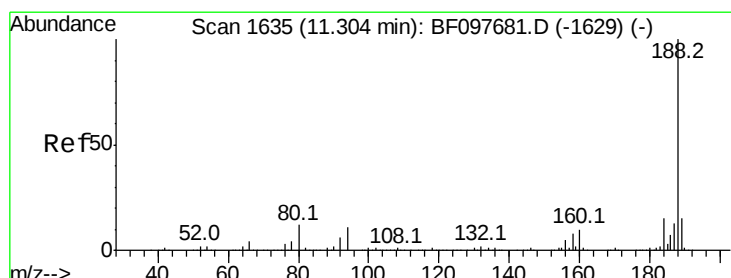
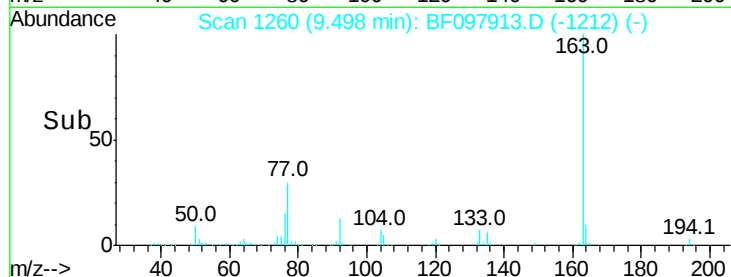
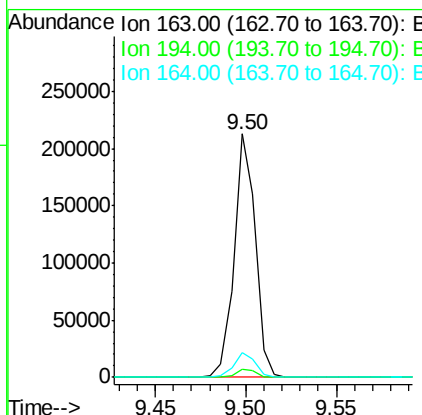
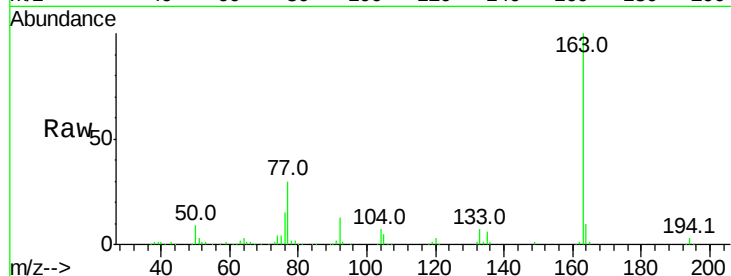
#49
Dimethylphthalate
Concen: 9.208 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF097913.D
Acq: 21 Aug 2017 18:55

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-F(0-5)COMP

Tot Ion	Ratio	Resp	Lower	Upper
163	100	173070		
194	3.5	2.6	4.0	
164	10.2	8.4	12.6	

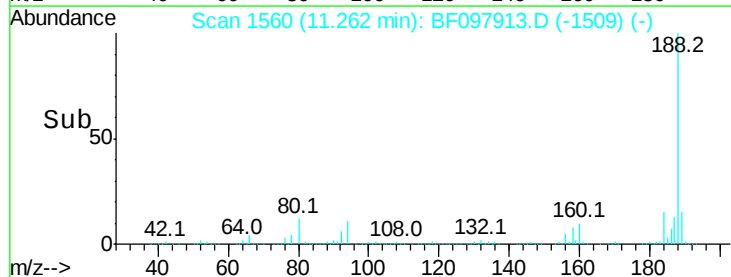
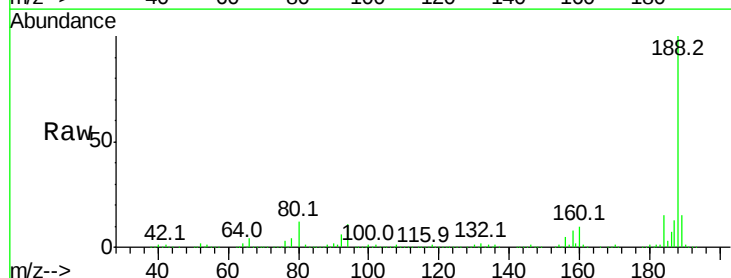
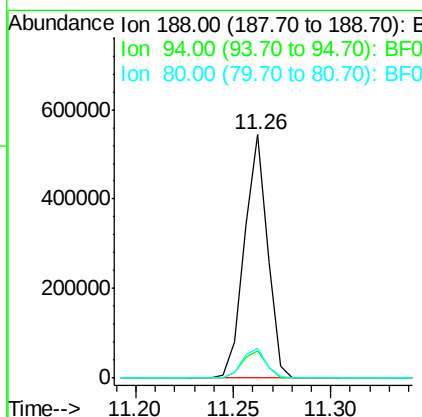
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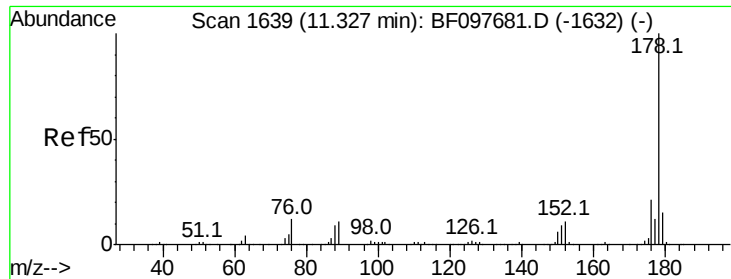
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF097913.D
Acq: 21 Aug 2017 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	448475		
94	11.3	9.4	14.2	
80	12.0	10.2	15.2	





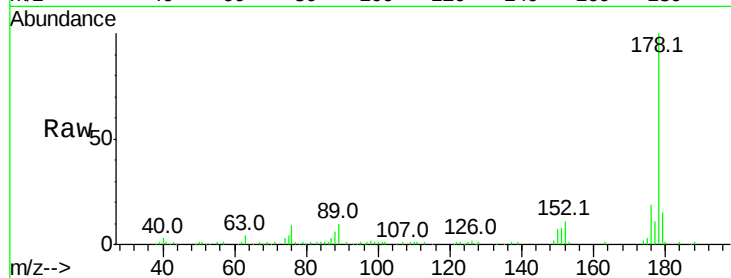
#70
Phenanthrene
Concen: 3.365 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF097913.D
Acq: 21 Aug 2017 18:55

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-F(0-5)COMP

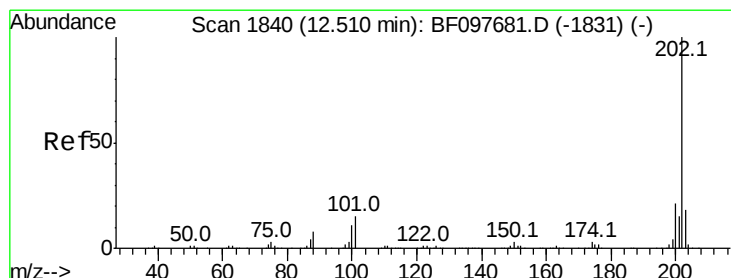
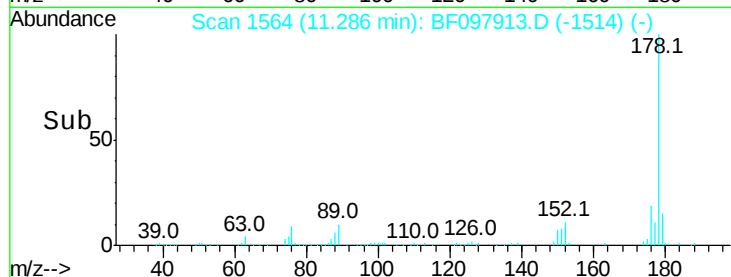
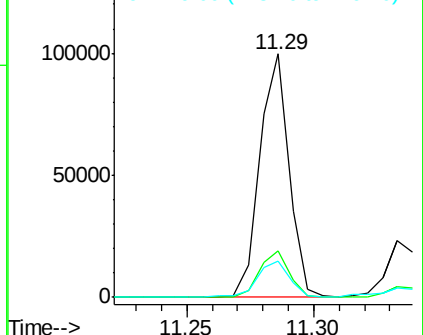
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.2	24.4
179	14.8	12.6	19.0

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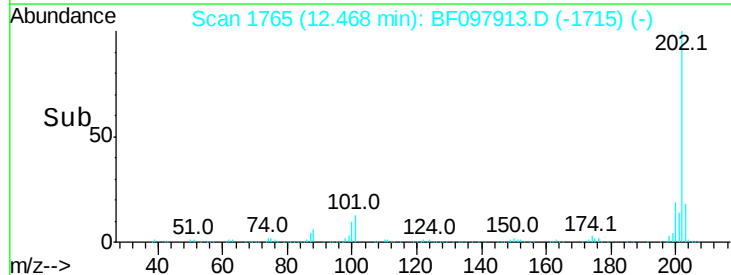
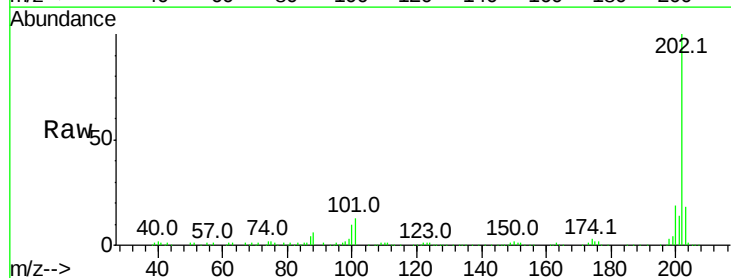
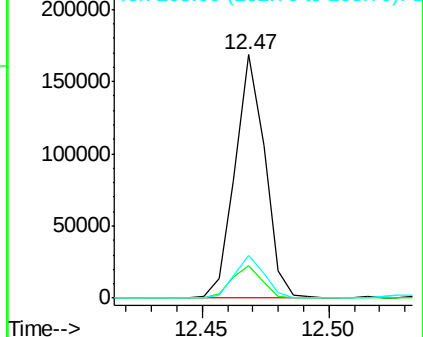
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

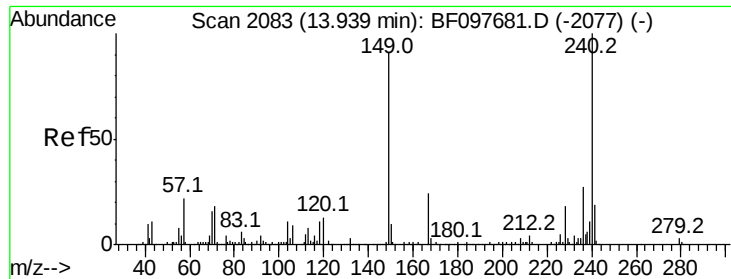


#74
Fluoranthene
Concen: 5.549 ng
RT: 12.47 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BF097913.D
Acq: 21 Aug 2017 18:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	33.2
203	17.6	0.0	38.1

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: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF097913.D

Acq: 21 Aug 2017 18:55

Instrument :

BNA_F

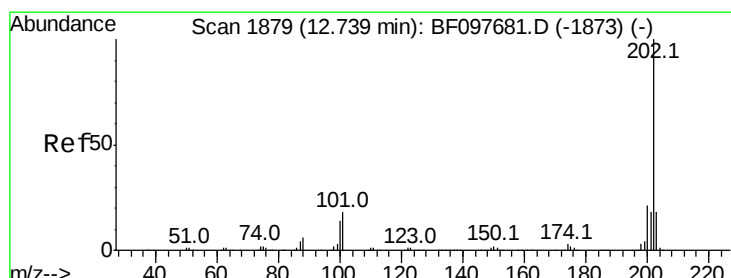
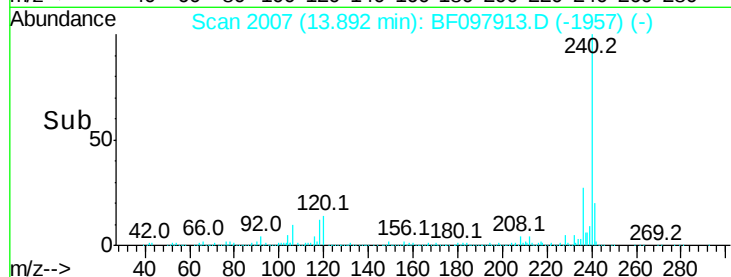
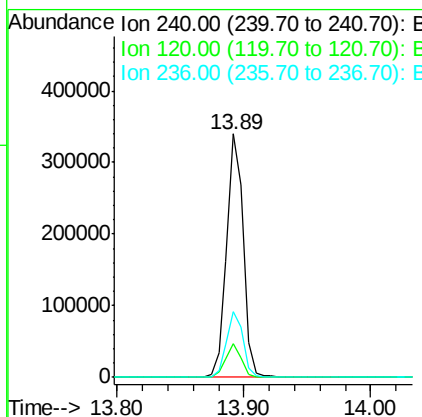
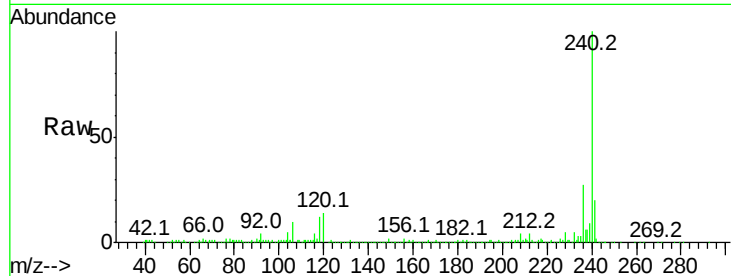
ClientSampleId :

SASP2P-TP-106-F(0-5)COMP

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.7	5.8	8.8#
236	27.1	20.5	30.7

Manual Integrations
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#77

Pyrene

Concen: 4.745 ng

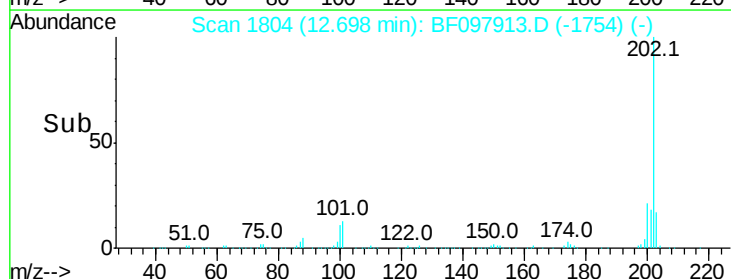
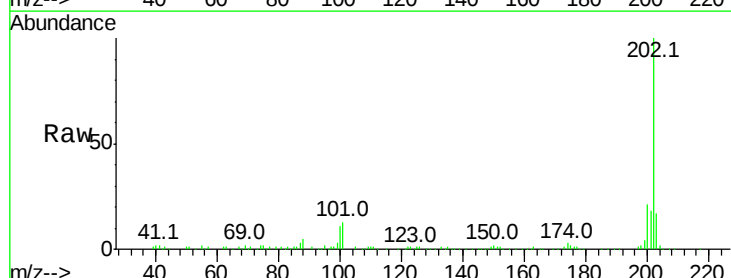
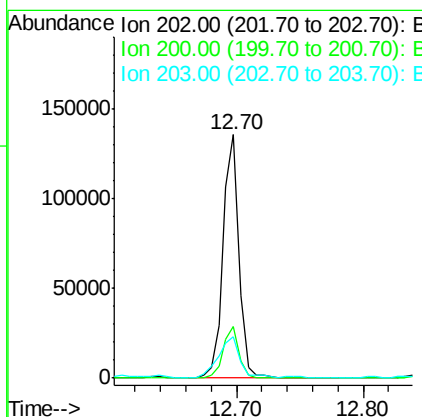
RT: 12.70 min Scan# 1804

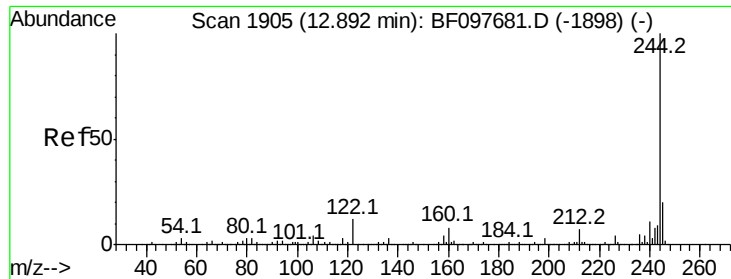
Delta R.T. -0.01 min

Lab File: BF097913.D

Acq: 21 Aug 2017 18:55

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.6	26.4
203	17.0	14.4	21.6





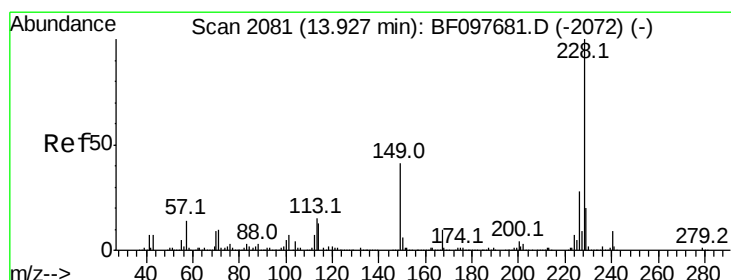
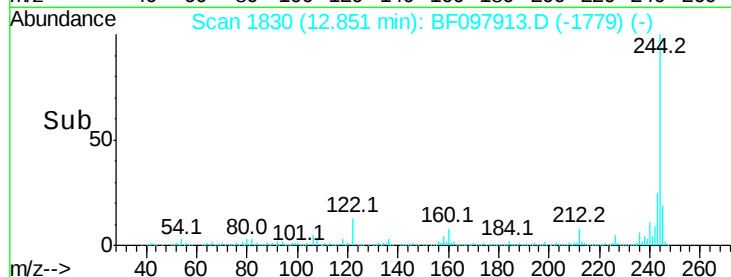
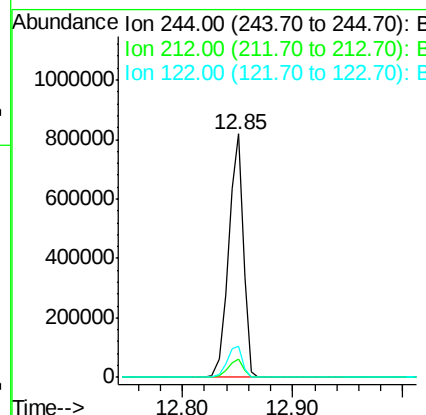
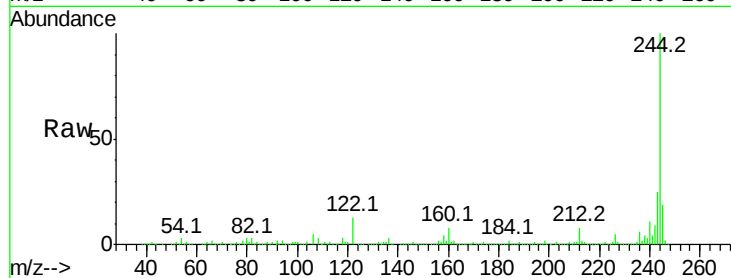
#78
 Terphenyl-d14
 Concen: 51.597 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. -0.00 min
 Lab File: BF097913.D
 Acq: 21 Aug 2017 18:55

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-TP-106-F(0-5)COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	12.9	10.3	15.5

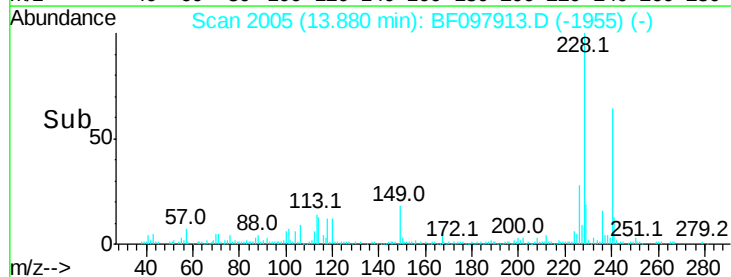
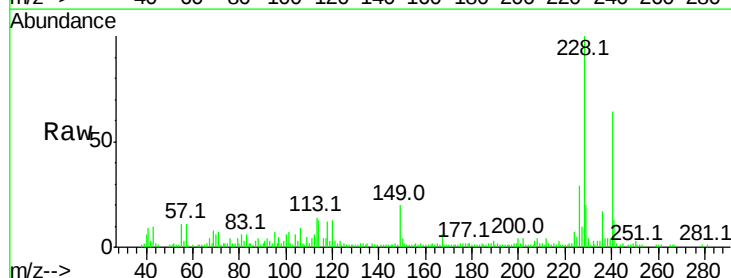
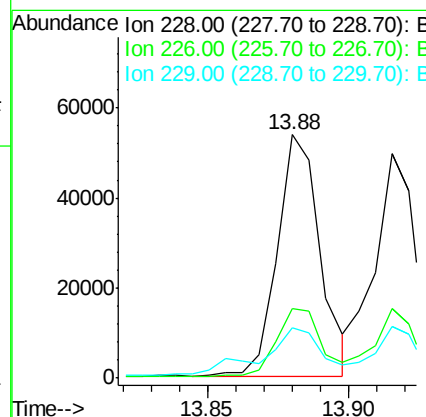
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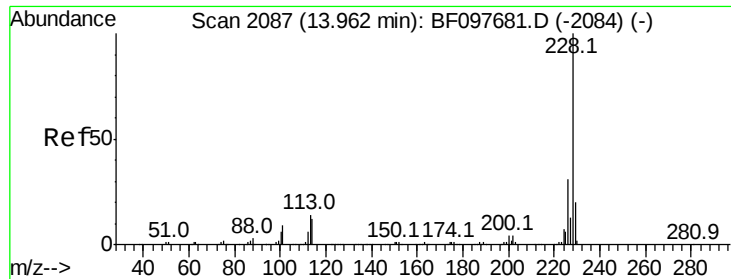
Sohil
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#80
 Benzo(a)anthracene
 Concen: 3.055 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BF097913.D
 Acq: 21 Aug 2017 18:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	20.5	16.3	24.5





#82

Chrysene

Concen: 2.748 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF097913.D

Acq: 21 Aug 2017 18:55

Instrument :

BNA_F

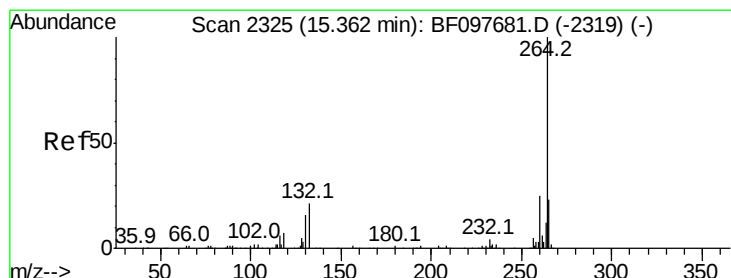
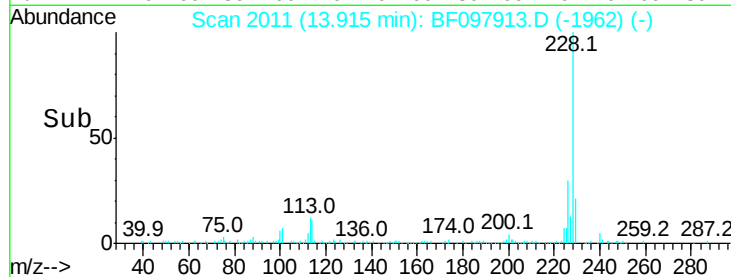
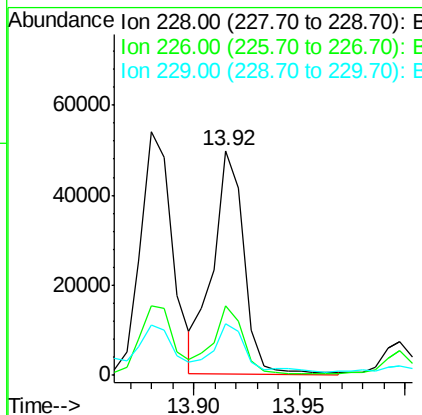
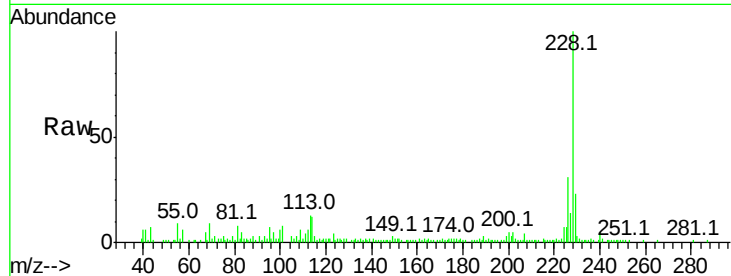
ClientSampleId :

SASP2P-TP-106-F(0-5)COMP

Tot Ion:	228	Resp:	50578
Ion Ratio	Lower	Upper	
228	100		
226	31.2	24.9	37.3
229	22.9	15.8	23.6

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#86

Perylene-d12

Concen: 20.000 ng

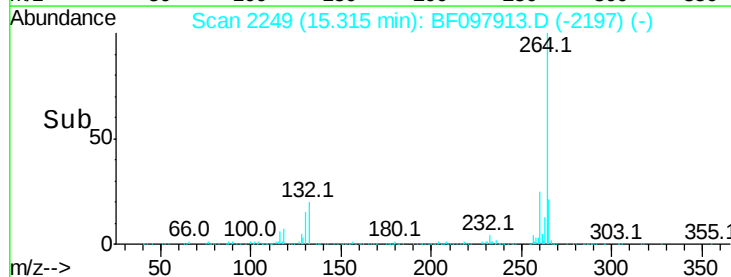
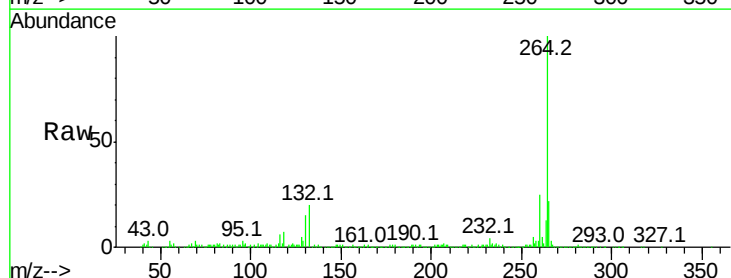
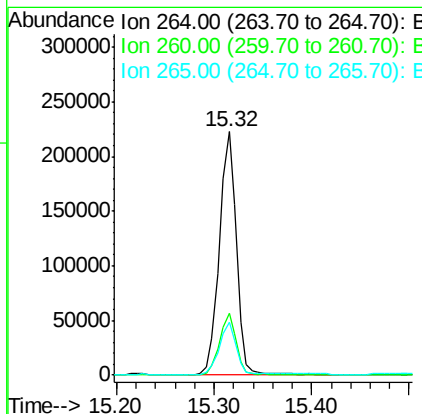
RT: 15.32 min Scan# 2249

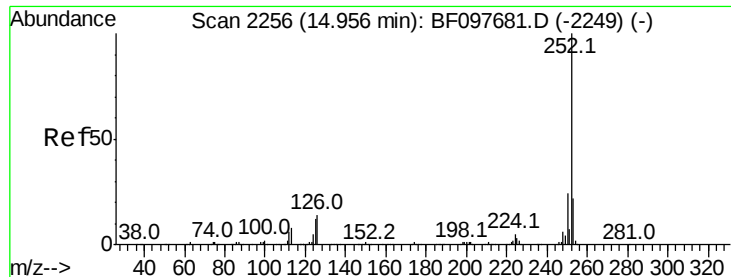
Delta R.T. 0.01 min

Lab File: BF097913.D

Acq: 21 Aug 2017 18:55

Tgt Ion:	264	Resp:	267988
Ion Ratio	Lower	Upper	
264	100		
260	25.2	19.5	29.3
265	21.5	17.2	25.8





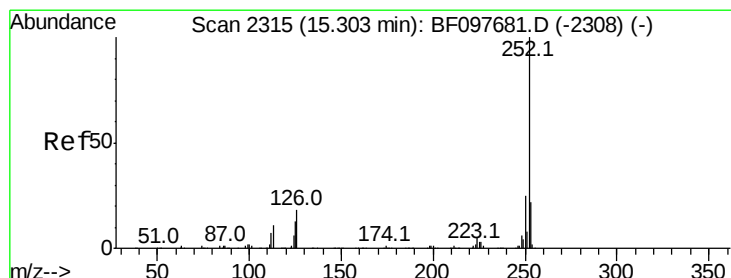
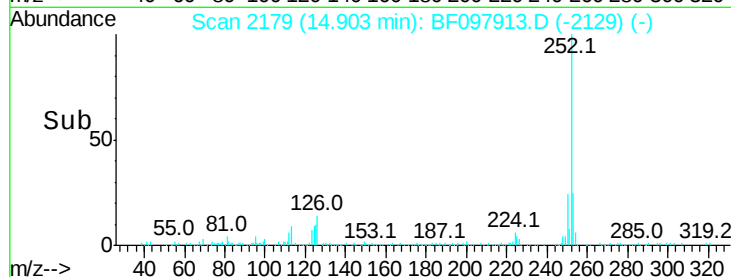
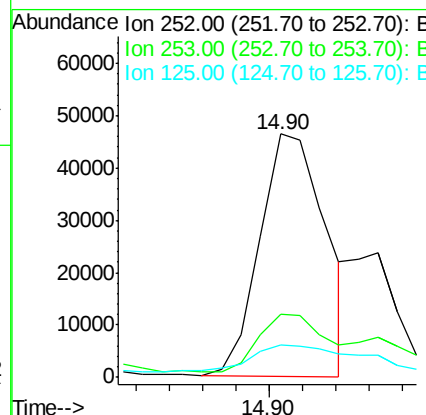
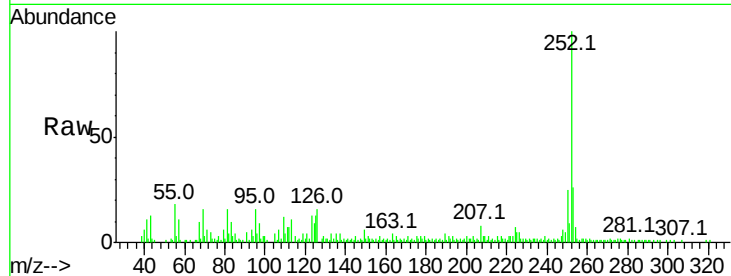
#87
Benzo(b)fluoranthene
Concen: 3.796 ng m
RT: 14.90 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BF097913.D
Acq: 21 Aug 2017 18:55

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-F(0-5)COMP

Tot Ion:252	Resp:	64128
Ion Ratio	Lower	Upper
252 100		
253 25.9	18.1	27.1
125 13.3	9.8	14.8

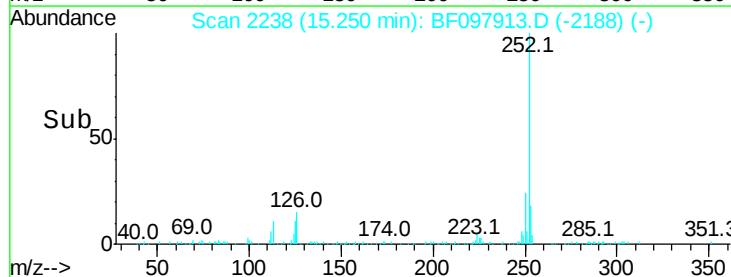
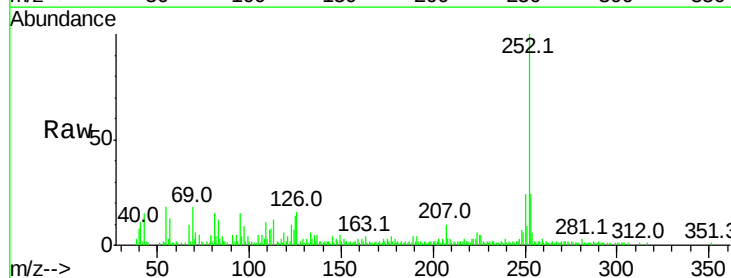
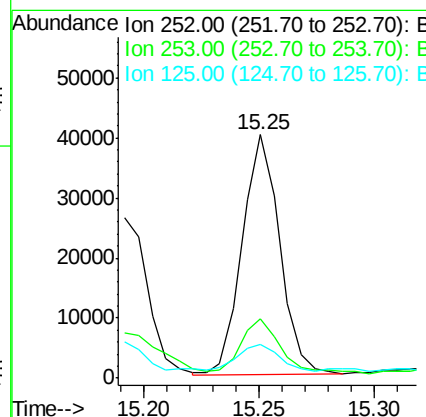
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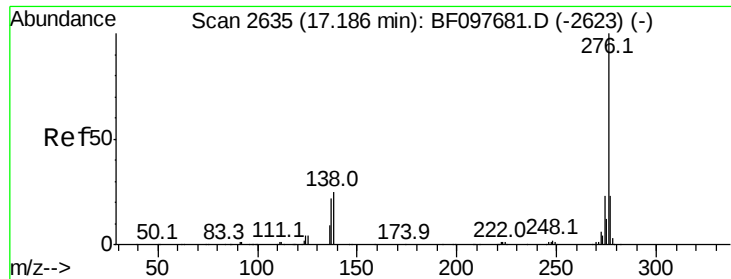
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#89
Benzo(a)pyrene
Concen: 3.037 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF097913.D
Acq: 21 Aug 2017 18:55

Tgt Ion:252	Resp:	45422
Ion Ratio	Lower	Upper
252 100		
253 24.1	17.5	26.3
125 13.7	11.0	16.4





#91
 Benzo(a,h,i)perylene
 Concen: 2.015 ng
 RT: 17.10 min Scan# 2552
 Delta R.T. -0.01 min
 Lab File: BF097913.D
 Acq: 21 Aug 2017 18:55

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-TP-106-F(0-5)COMP

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.3	18.6	28.0
138	26.7	25.4	38.0

Manual Integrations
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