

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
 Data File : BF097938.D
 Acq On : 22 Aug 2017 7:06
 Operator : SJ/JU
 Sample : I4872-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMP

Manual Integrations
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Sohil
 8/22/2017 5:45:33 PM

Quant Time: Aug 22 08:18:19 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	119004	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	425004	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	155920	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	272460	20.00	ng	0.00
75) Chrysene-d12	13.90	240	231619	20.00	ng	0.00
86) Perylene-d12	15.32	264	154783	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	631979	80.78	ng	0.00
7) Phenol-d6	6.38	99	833086	78.37	ng	0.00
23) Nitrobenzene-d5	7.31	82	471834	60.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	102707	75.92	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	646084	60.88	ng	0.00
78) Terphenyl-d14	12.85	244	462464	41.64	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.50	163	67806	5.949	ng	100
70) Phenanthrene	11.29	178	41151	2.834	ng	99
74) Fluoranthene	12.47	202	72526	4.786	ng	97
77) Pyrene	12.70	202	66378	3.504	ng	97
80) Benzo(a)anthracene	13.89	228	29186	2.102	ng	94
82) Chrysene	13.92	228	28014	2.029	ng	98
87) Benzo(b)fluoranthene	14.91	252	28439m	2.915	ng	
89) Benzo(a)pyrene	15.26	252	20528	2.377	ng	98

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

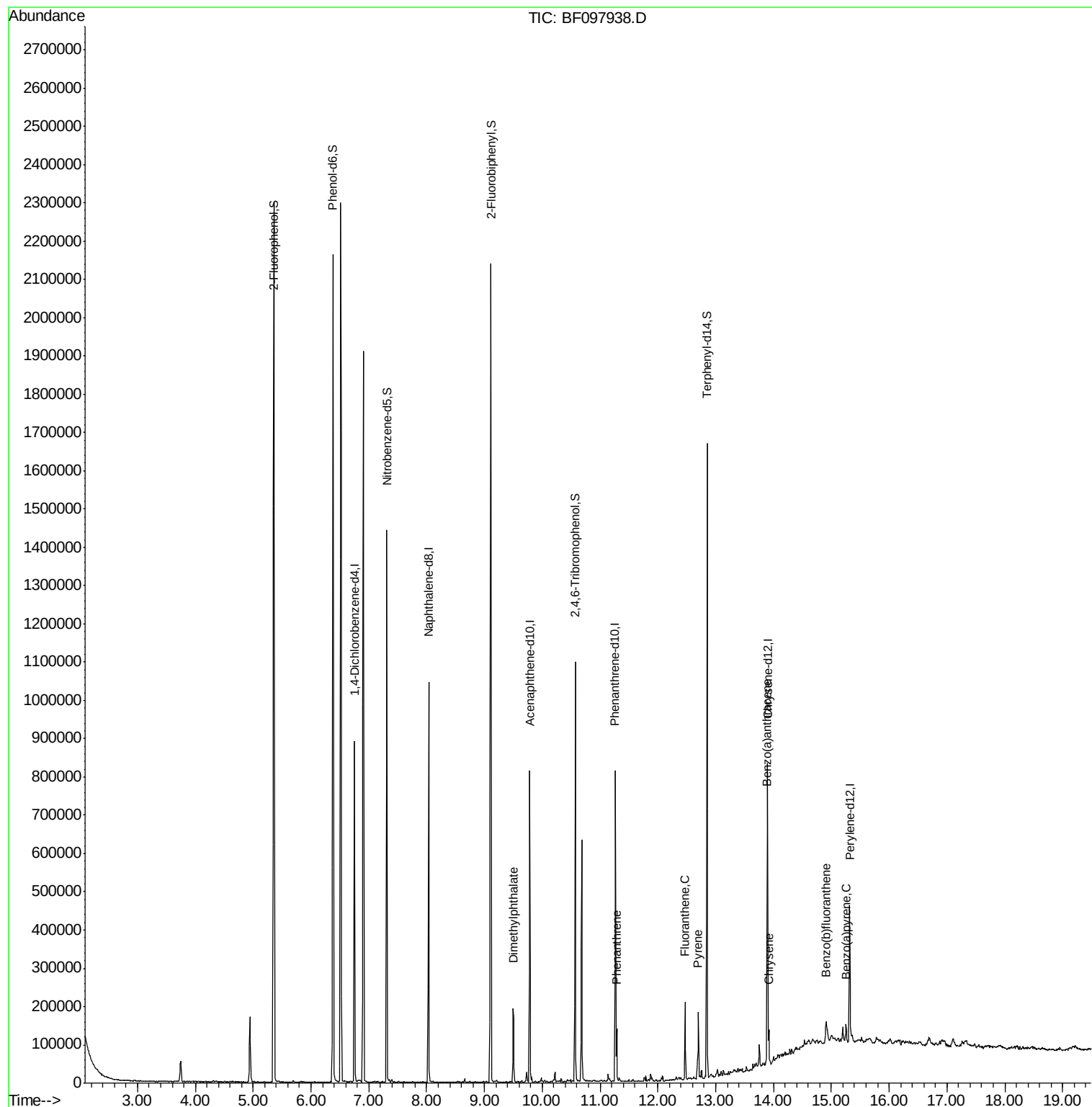
Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097938.D
Acq On : 22 Aug 2017 7:06
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Sample : I4872-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

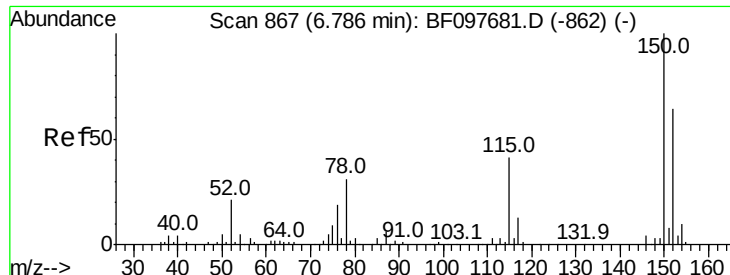
Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

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Quant Time: Aug 22 08:18:19 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





#1

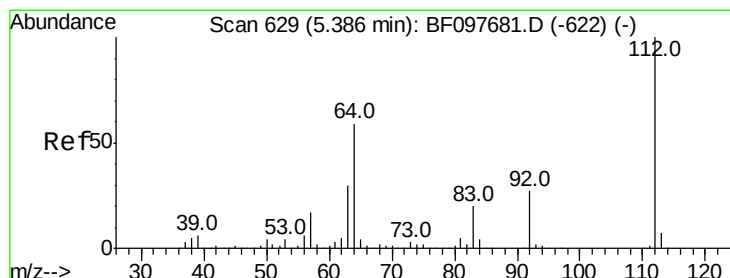
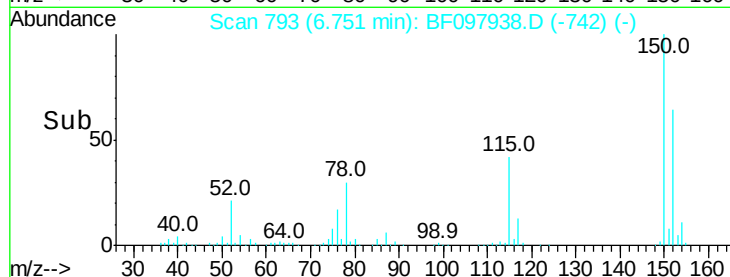
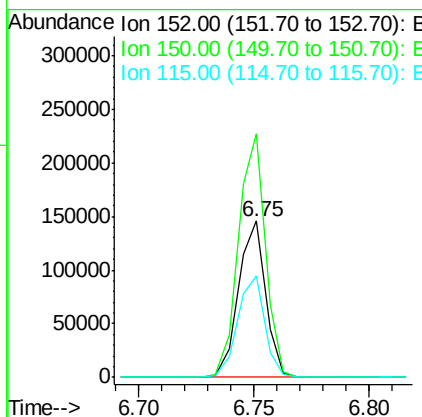
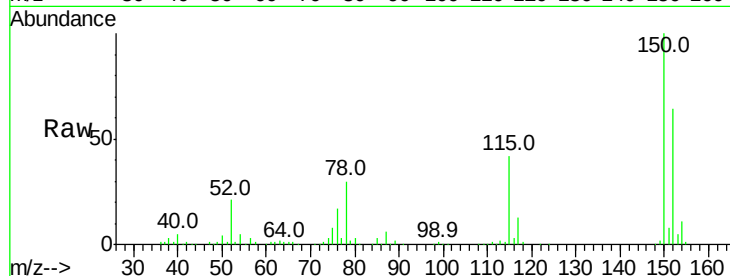
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF097938.D
Acq: 22 Aug 2017 7:06

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	126.2	189.2
115	64.8	52.2	78.2

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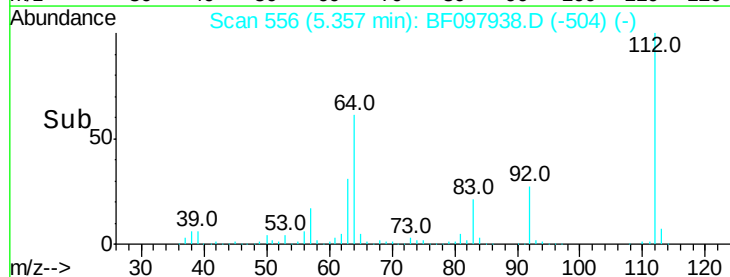
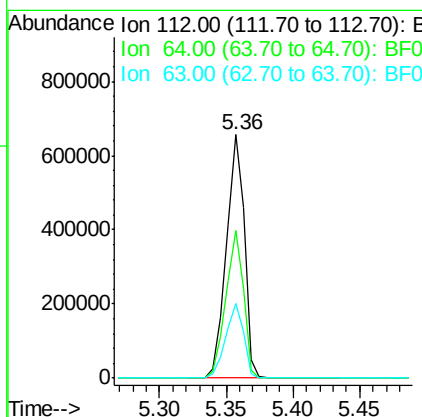
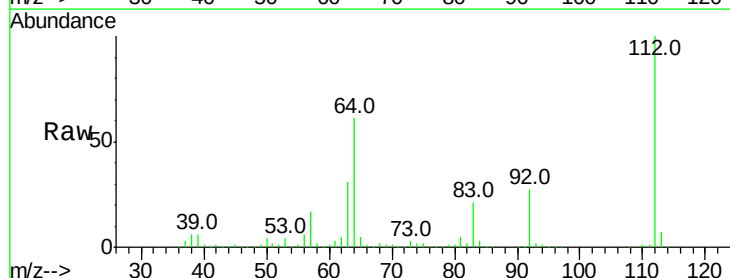
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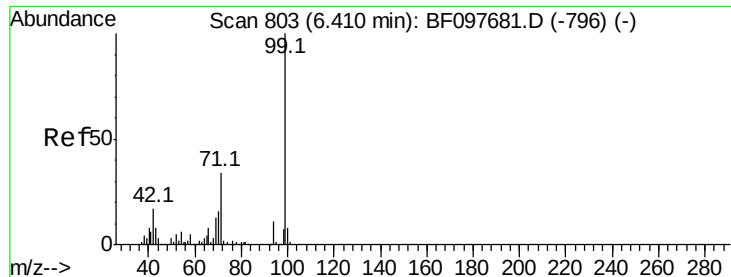


#5

2-Fluorophenol
Concen: 80.778 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF097938.D
Acq: 22 Aug 2017 7:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	46.0	69.0
63	30.7	23.4	35.0





#7

Phenol-d6

Concen: 78.370 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097938.D

Acq: 22 Aug 2017 7:06

Instrument :

BNA_F

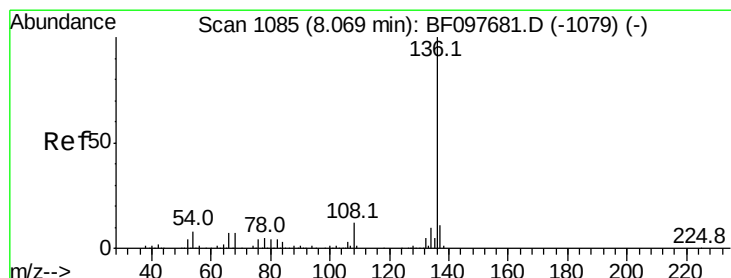
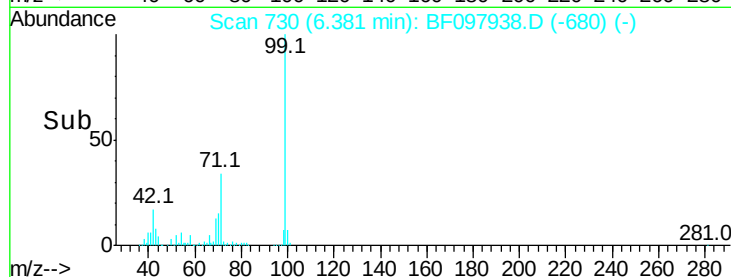
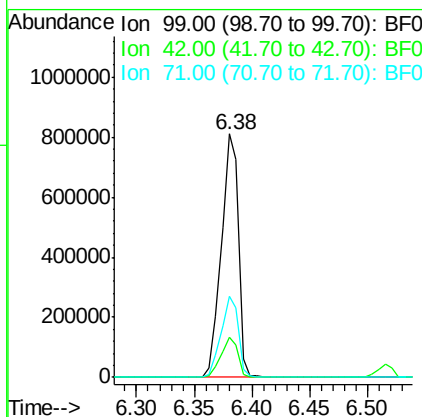
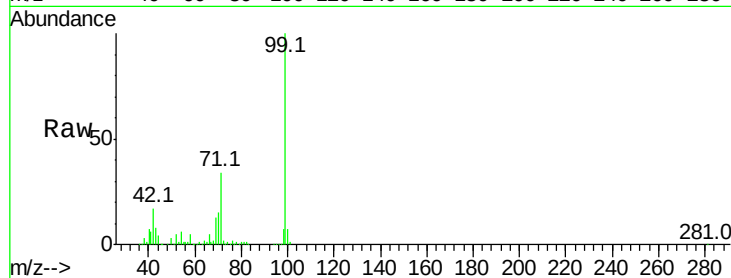
ClientSampled :

SB-08-COMP

Tot Ion:	99	Resp:	833086
Ion Ratio	Lower	Upper	
99	100		
42	16.5	13.5	20.3
71	33.5	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

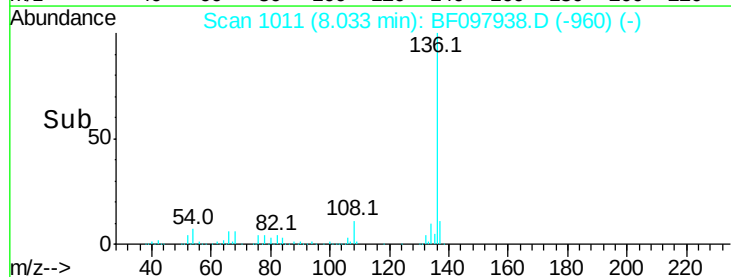
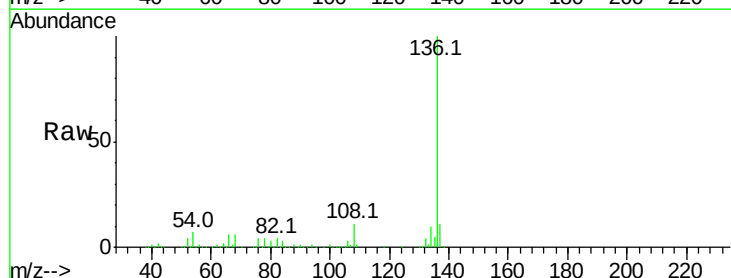
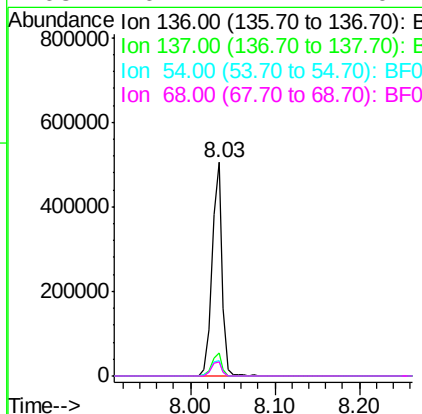
RT: 8.03 min Scan# 1011

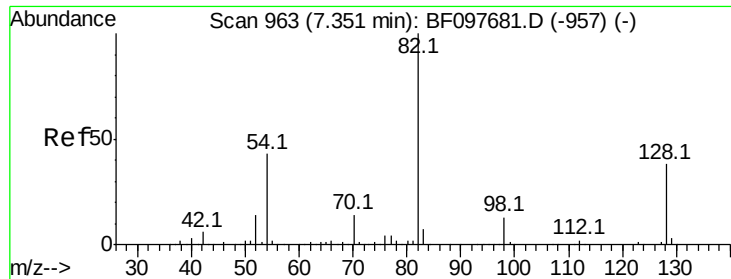
Delta R.T. -0.00 min

Lab File: BF097938.D

Acq: 22 Aug 2017 7:06

Tgt Ion:	136	Resp:	425004
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.5	12.7
54	7.2	4.9	7.3
68	6.4	4.1	6.1#





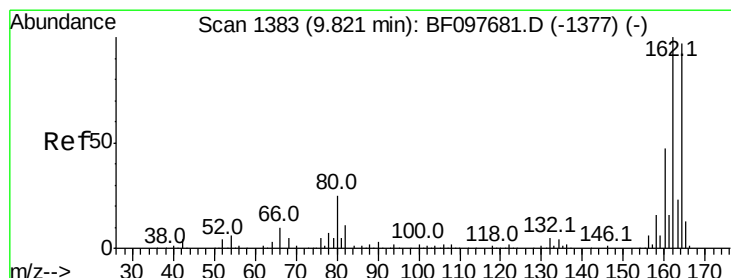
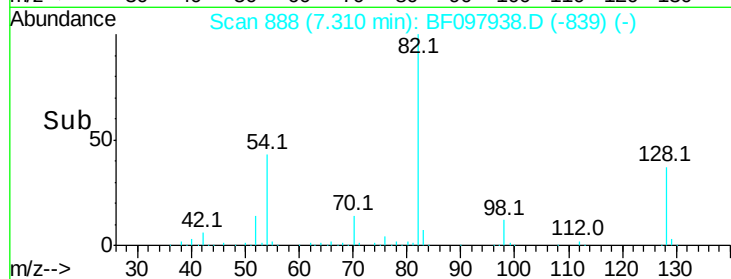
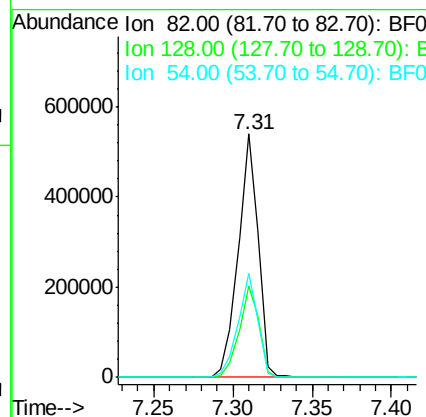
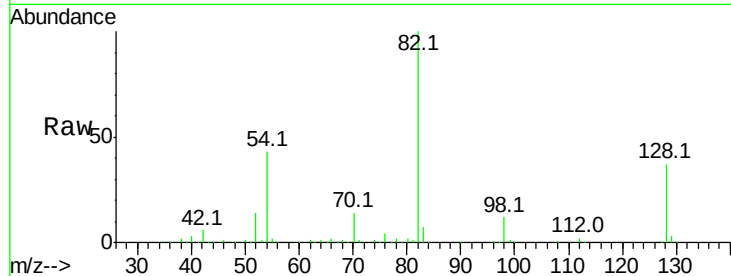
#23
 Nitrobenzene-d5
 Concen: 60.310 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF097938.D
 Acq: 22 Aug 2017 7:06

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.4	34.0	51.0
54	42.7	42.2	63.2

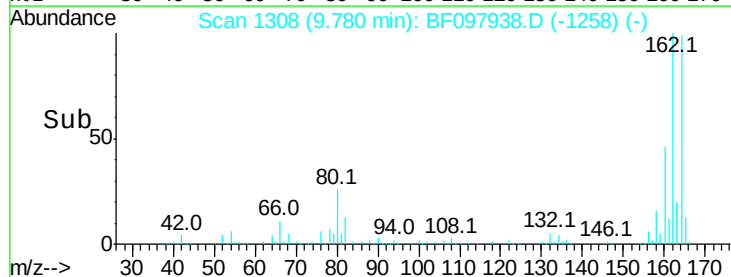
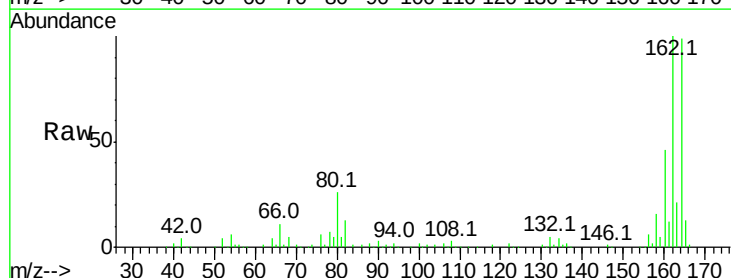
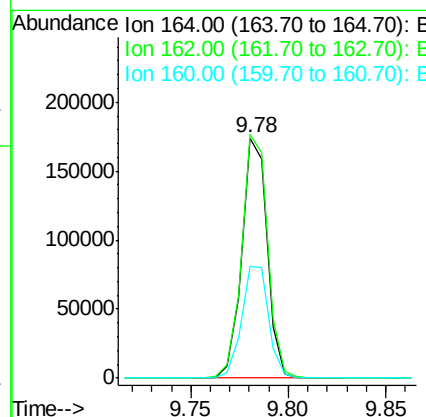
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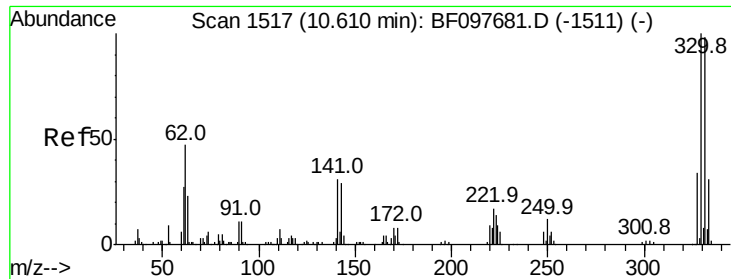
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF097938.D
 Acq: 22 Aug 2017 7:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.6	123.8
160	46.4	36.2	54.2





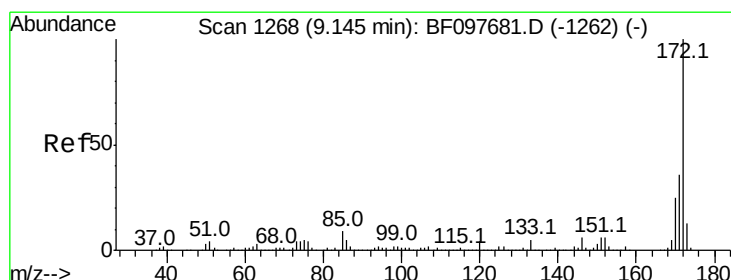
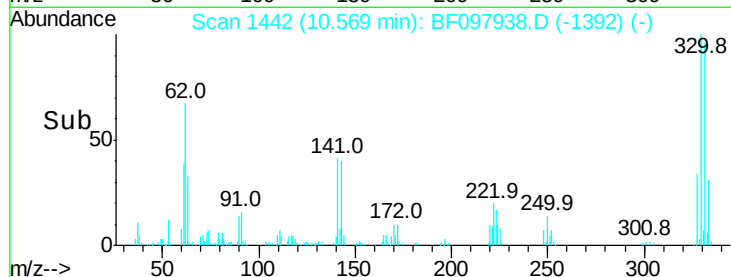
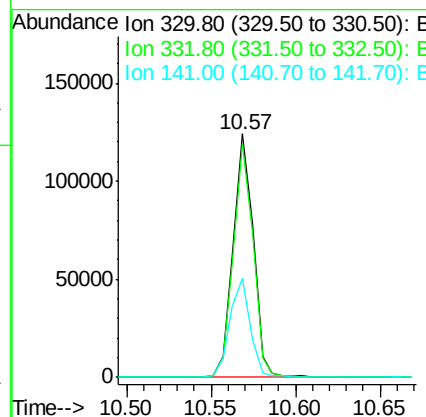
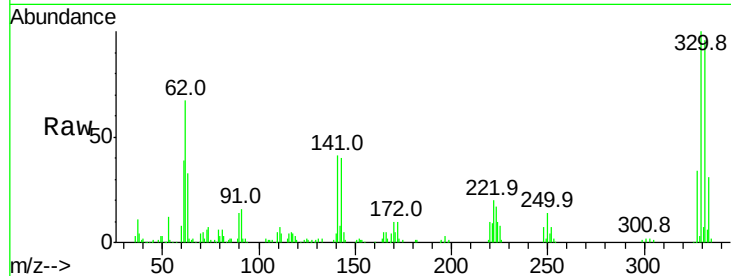
#41
 2,4,6-Tribromophenol
 Concen: 75.918 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF097938.D
 Acq: 22 Aug 2017 7:06

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.4	76.6	115.0	
141	41.5	31.4	47.2	

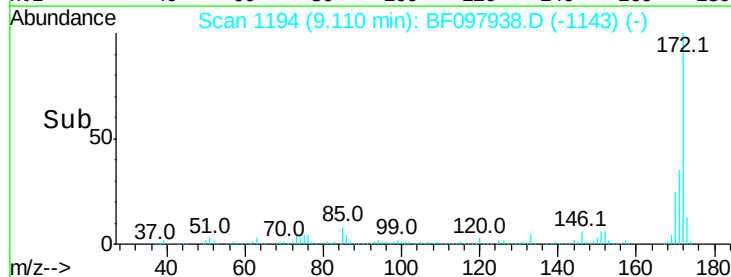
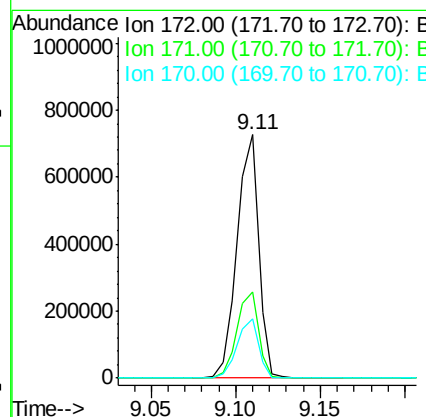
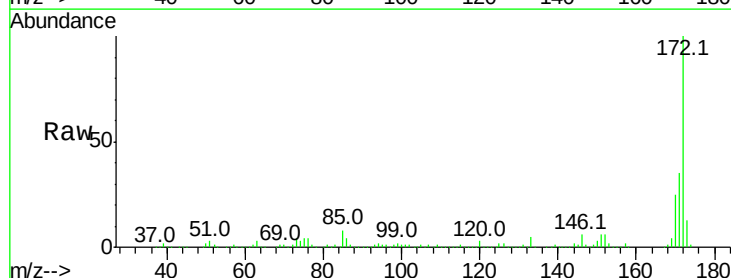
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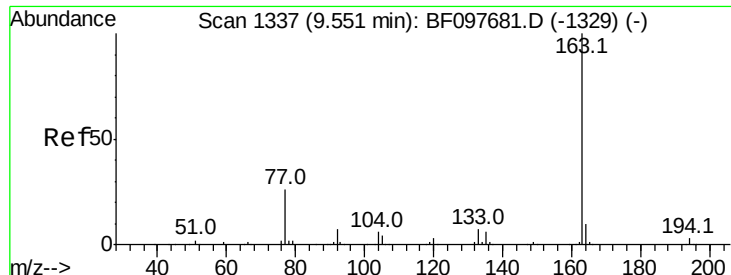
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#44
 2-Fluorobiphenyl
 Concen: 60.879 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BF097938.D
 Acq: 22 Aug 2017 7:06

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.4	29.6	44.4	
170	24.5	19.8	29.8	





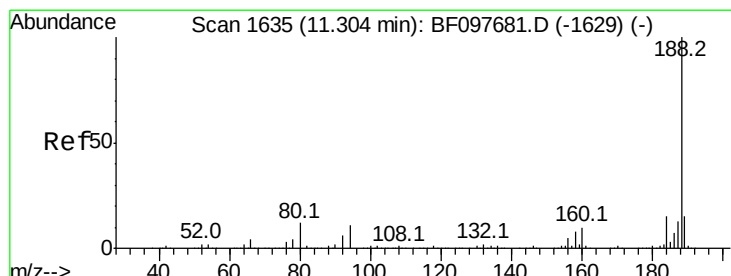
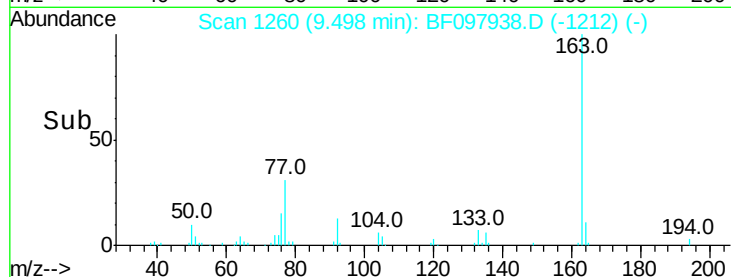
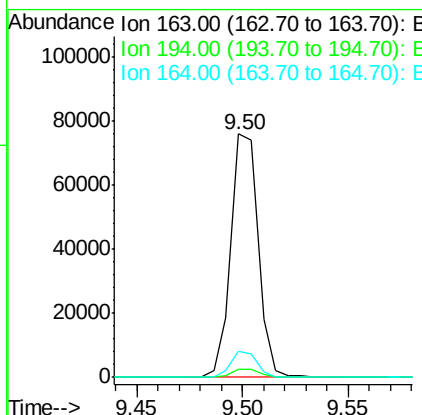
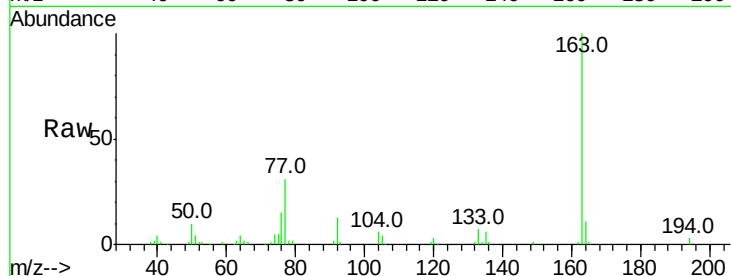
#49
Dimethylphthalate
Concen: 5.949 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF097938.D
Acq: 22 Aug 2017 7:06

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.6	8.4	12.6

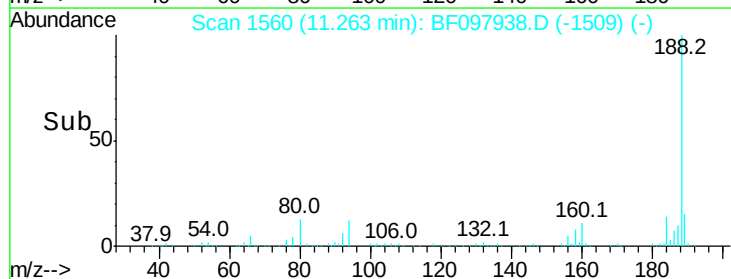
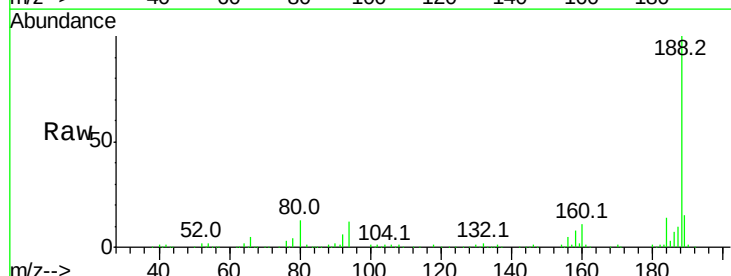
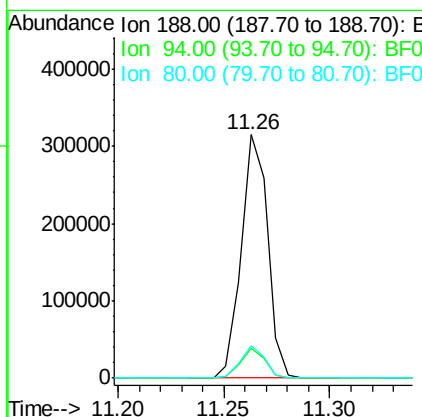
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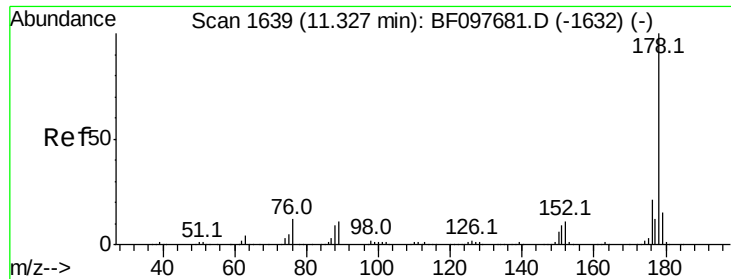
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF097938.D
Acq: 22 Aug 2017 7:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.3	9.4	14.2
80	13.3	10.2	15.2





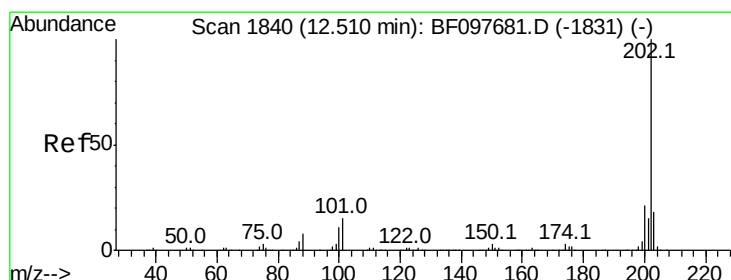
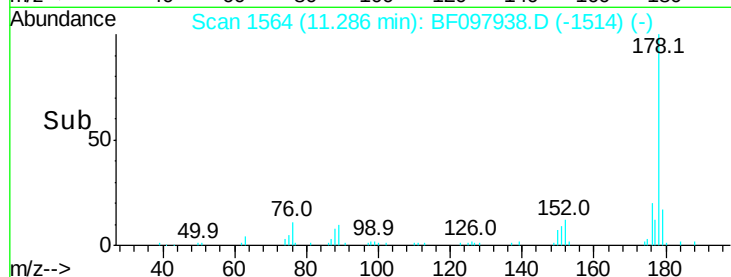
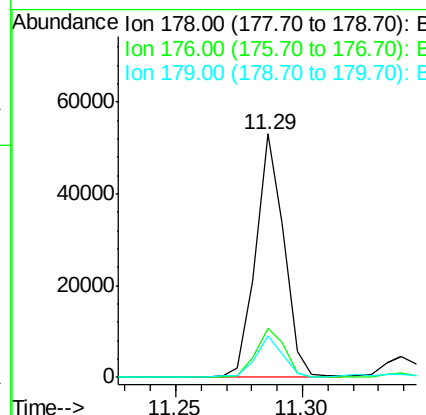
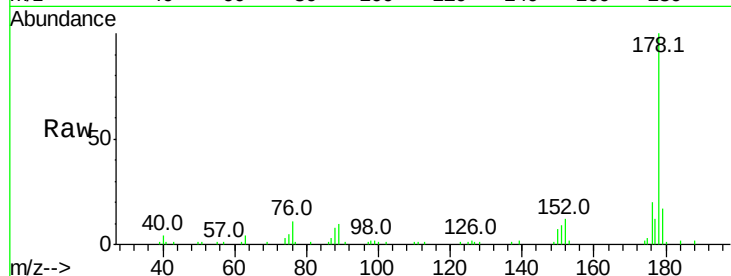
#70
Phenanthrene
Concen: 2.834 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF097938.D
Acq: 22 Aug 2017 7:06

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.2	24.4
179	16.9	12.6	19.0

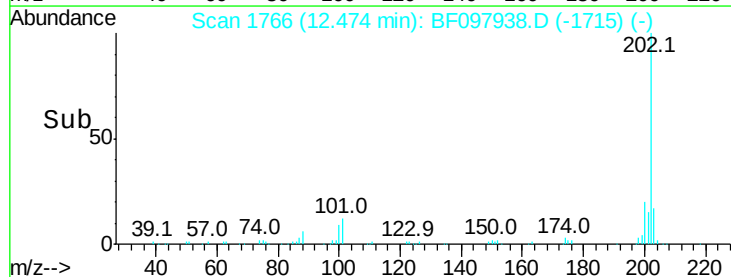
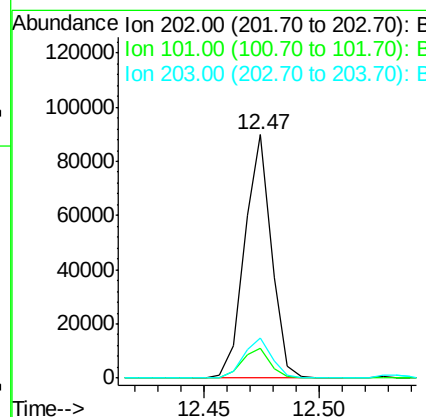
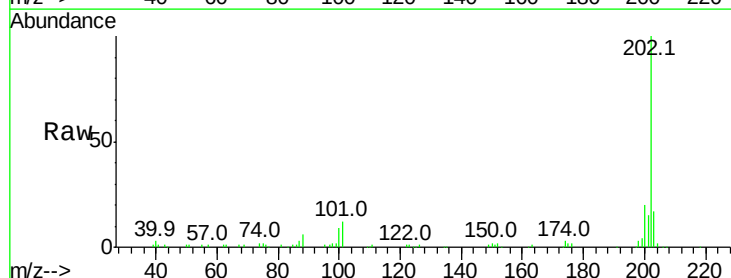
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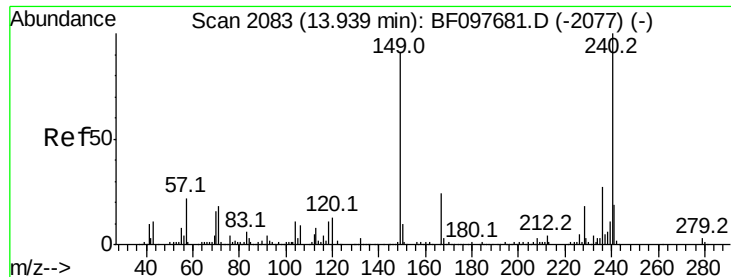
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#74
Fluoranthene
Concen: 4.786 ng
RT: 12.47 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BF097938.D
Acq: 22 Aug 2017 7:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.2
203	16.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF097938.D

Acq: 22 Aug 2017 7:06

Instrument :

BNA_F

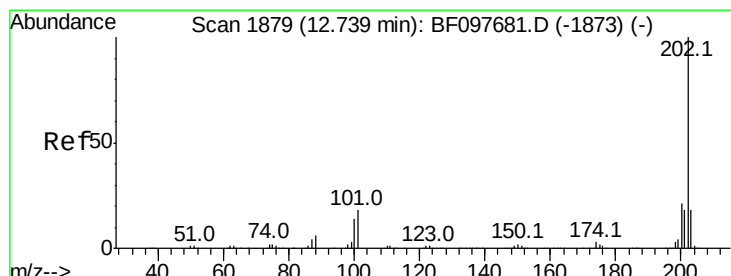
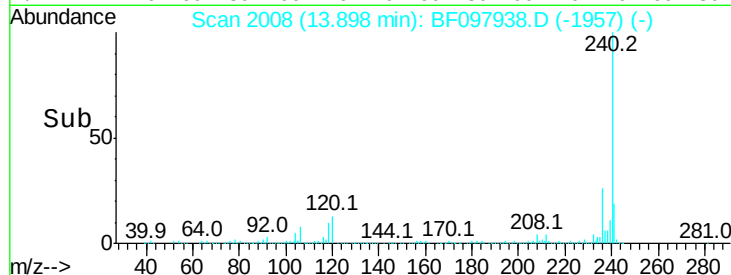
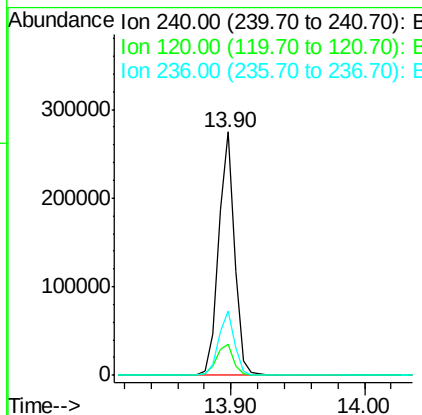
ClientSampleId :

SB-08-COMP

Tot Ion	Ratio	Resp	Lower	Upper
240	100	231619		
120	12.7	5.8	8.8#	
236	26.3	20.5	30.7	

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#77

Pyrene

Concen: 3.504 ng

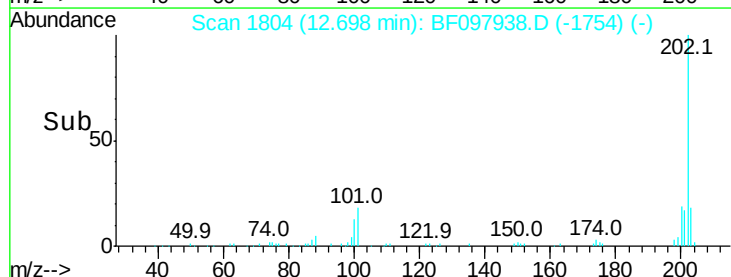
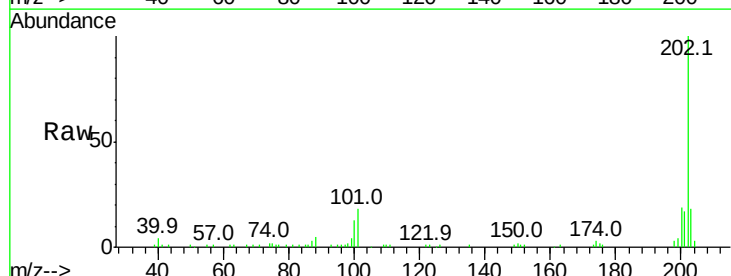
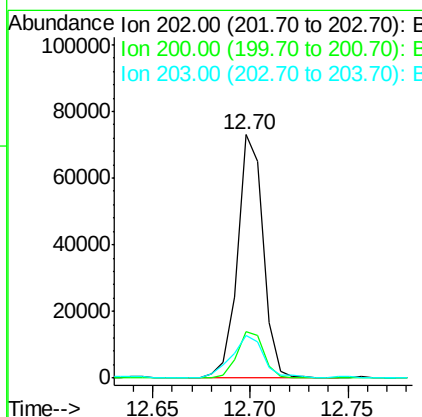
RT: 12.70 min Scan# 1804

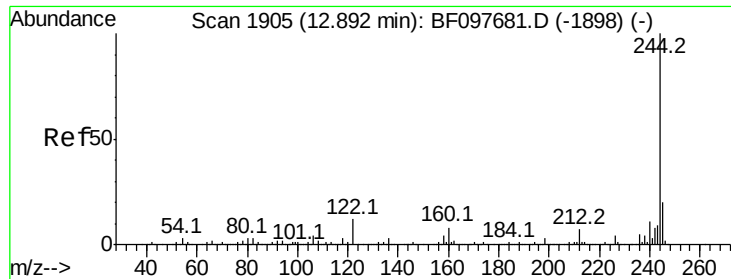
Delta R.T. -0.01 min

Lab File: BF097938.D

Acq: 22 Aug 2017 7:06

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	66378		
200	19.3	17.6	26.4	
203	17.8	14.4	21.6	





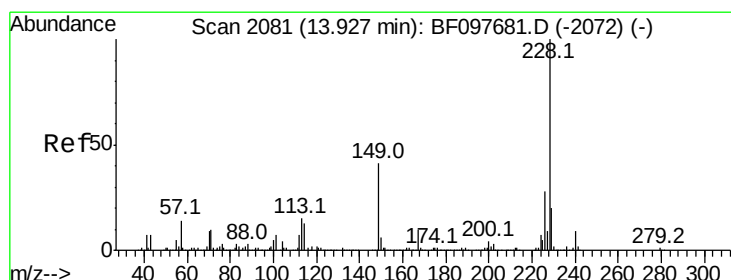
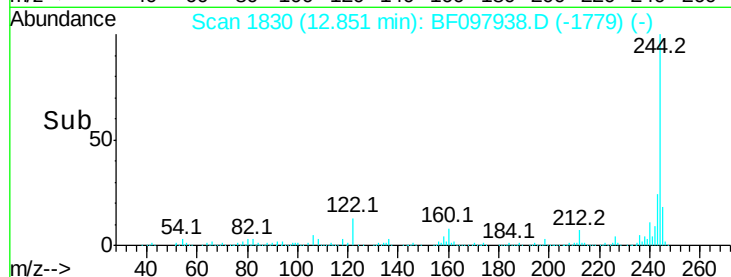
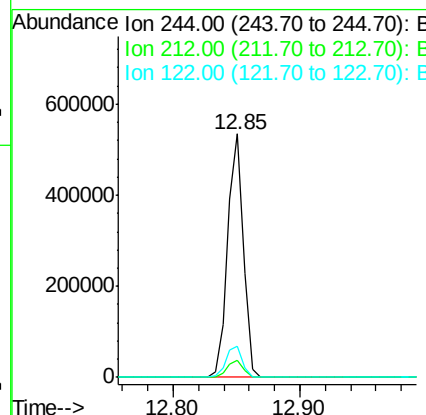
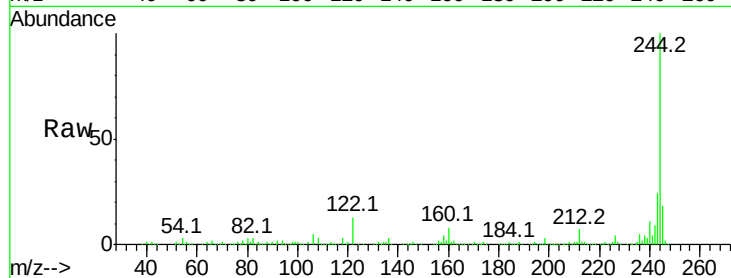
#78
 Terphenyl-d14
 Concen: 41.637 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. -0.00 min
 Lab File: BF097938.D
 Acq: 22 Aug 2017 7:06

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	12.6	10.3	15.5

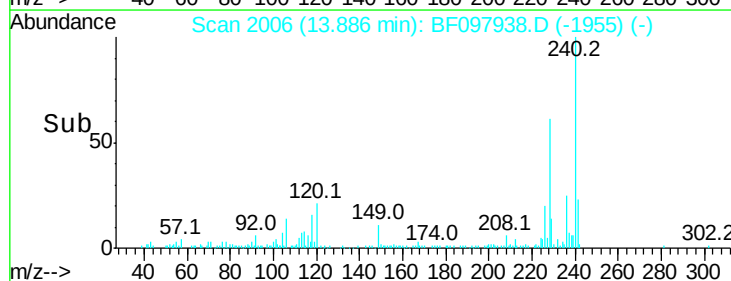
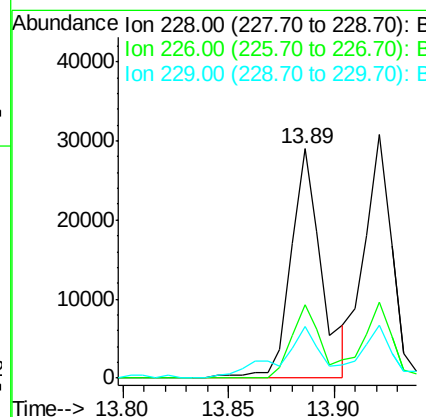
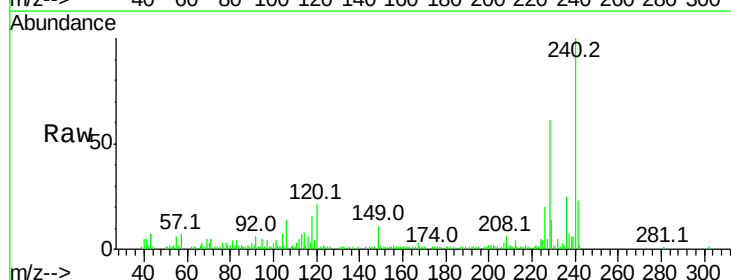
Manual Integrations
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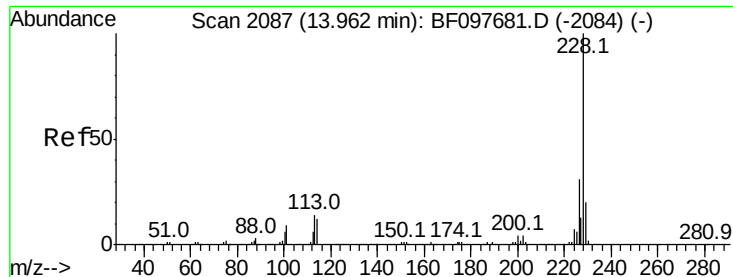
Sohil
 8/22/2017 5:45:33 PM



#80
 Benzo(a)anthracene
 Concen: 2.102 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.00 min
 Lab File: BF097938.D
 Acq: 22 Aug 2017 7:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	22.6	33.8
229	22.3	16.3	24.5





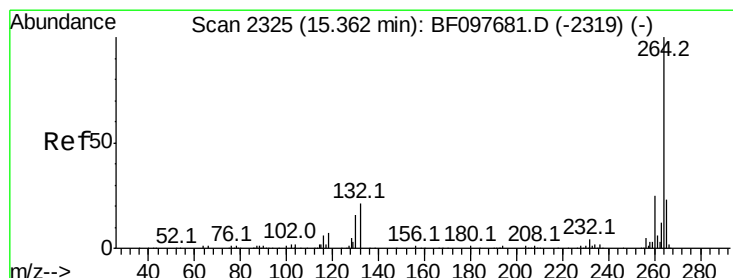
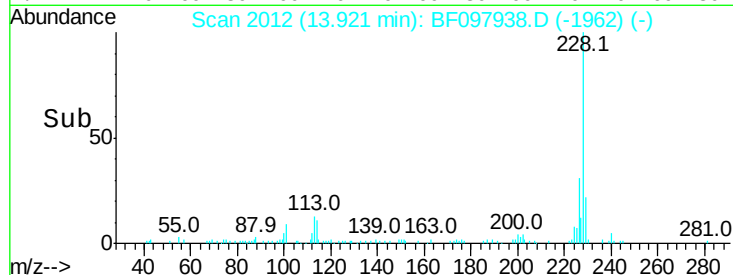
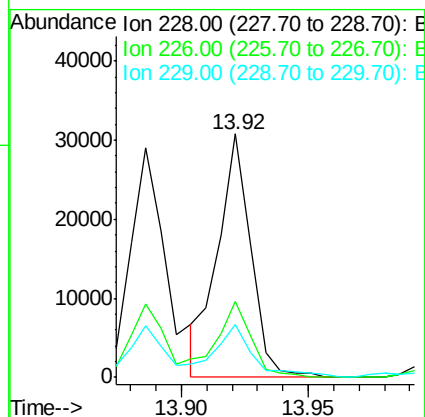
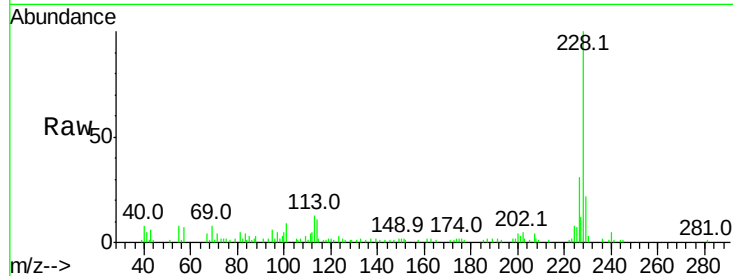
#82
Chrysene
Concen: 2.029 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF097938.D
Acq: 22 Aug 2017 7:06

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tot Ion:	228	Resp:	28014
Ion Ratio		Lower	Upper
228	100		
226	31.3	24.9	37.3
229	21.9	15.8	23.6

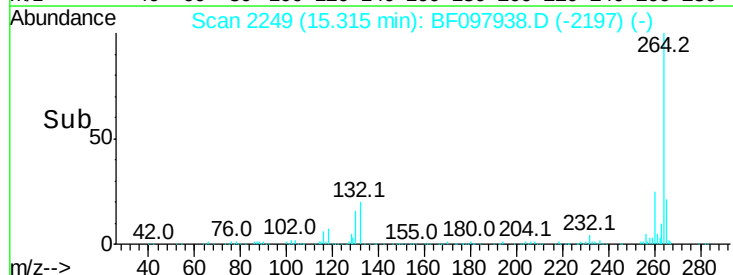
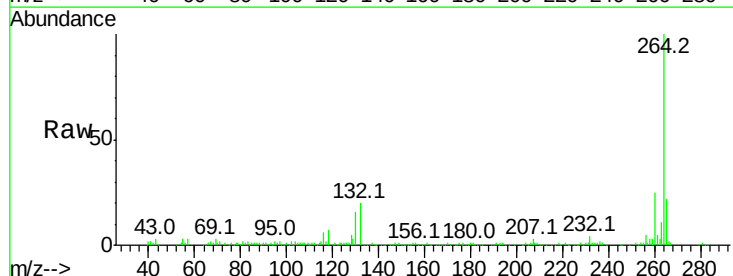
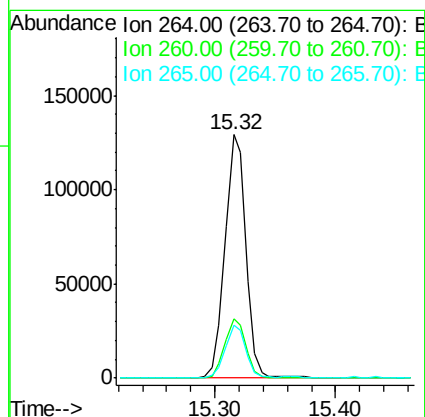
Manual Integrations
APPROVED

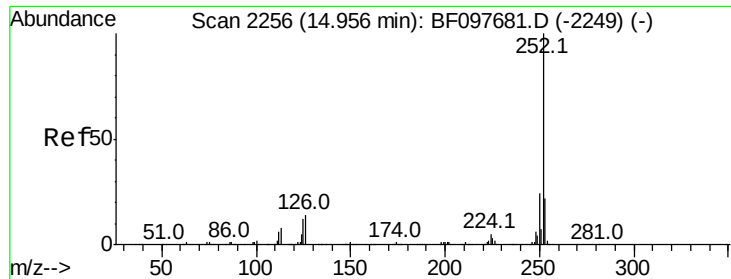
Sohil
8/22/2017 5:45:33 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF097938.D
Acq: 22 Aug 2017 7:06

Tgt Ion:	264	Resp:	154783
Ion Ratio		Lower	Upper
264	100		
260	24.6	19.5	29.3
265	21.7	17.2	25.8





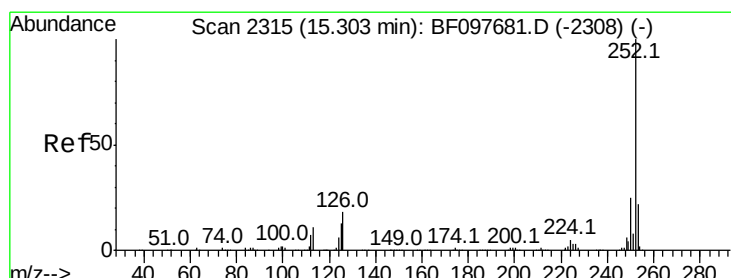
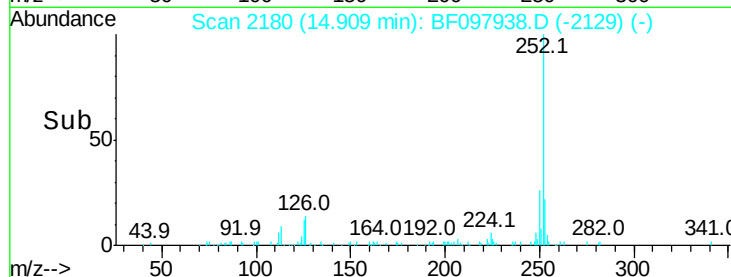
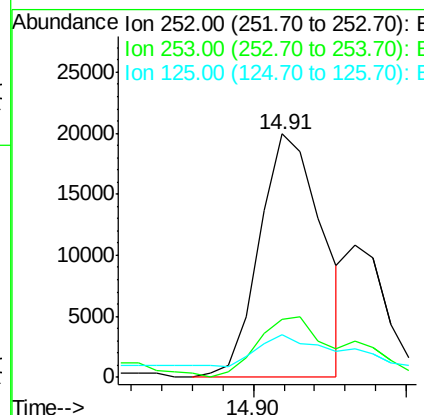
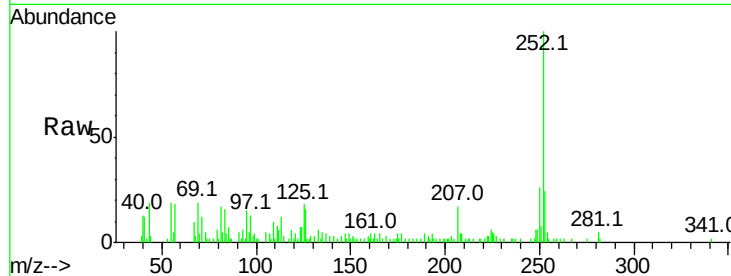
#87
Benzo(b)fluoranthene
Concen: 2.915 ng/mL
RT: 14.91 min Scan# 2180
Delta R.T. -0.00 min
Lab File: BF097938.D
Acq: 22 Aug 2017 7:06

Instrument :
BNA_F
ClientSampled :
SB-08-COMP

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.6	18.1	27.1
125	17.8	9.8	14.8

Manual Integrations
APPROVED

Sohil
8/22/2017 5:45:33 PM



#89
Benzo(a)pyrene
Concen: 2.377 ng/mL
RT: 15.26 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BF097938.D
Acq: 22 Aug 2017 7:06

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.8	17.5	26.3
125	15.2	11.0	16.4

