

Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
 Data File : BF097987.D
 Acq On : 23 Aug 2017 7:29
 Operator : SJ/JU
 Sample : I4901-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-BE1-3-12-COMP

Manual Integrations
 APPROVED

Sohil
 8/23/2017 3:04:10 PM

Quant Time: Aug 23 12:50:14 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	133842	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	502368	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	197426	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	318198	20.00	ng	0.00
75) Chrysene-d12	13.90	240	301267	20.00	ng	0.00
86) Perylene-d12	15.32	264	218593	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	708195	80.48	ng	0.01
7) Phenol-d6	6.39	99	918251	76.81	ng	0.00
23) Nitrobenzene-d5	7.31	82	557036	60.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	107113	62.53	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	823415	61.28	ng	0.00
78) Terphenyl-d14	12.85	244	555602	38.46	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.50	163	99003	6.860	ng	98
70) Phenanthrene	11.29	178	46965	2.770	ng	98
74) Fluoranthene	12.47	202	82634	4.669	ng	99
77) Pyrene	12.70	202	72565	2.945	ng	96
80) Benzo(a)anthracene	13.89	228	44594	2.470	ng	97
82) Chrysene	13.92	228	44149	2.458	ng	98
83) Bis(2-ethylhexyl)phthalate	13.89	149	67890	6.485	ng	98
87) Benzo(b)fluoranthene	14.92	252	43140m	3.131	ng	
89) Benzo(a)pyrene	15.26	252	29516	2.420	ng	96

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

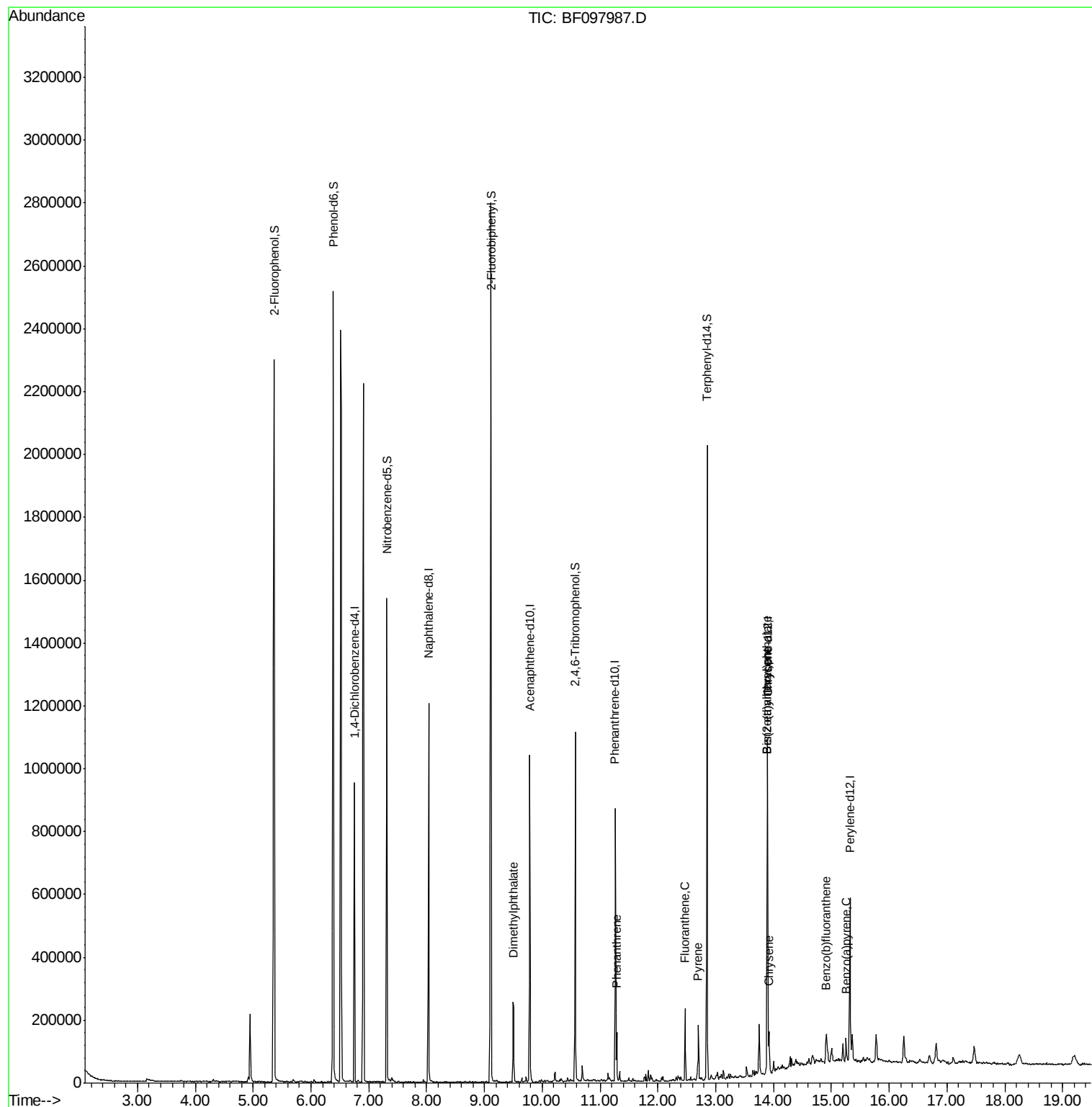
Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
Data File : BF097987.D
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ALS Vial : 29 Sample Multiplier: 1

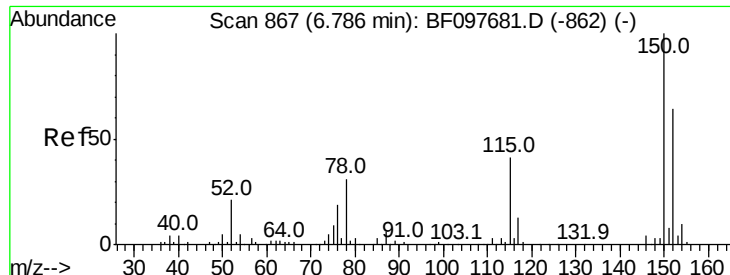
Instrument :
BNA_F
ClientSampleId :
TEC-BE1-3-12-COMP

Manual Integrations
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Quant Time: Aug 23 12:50:14 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

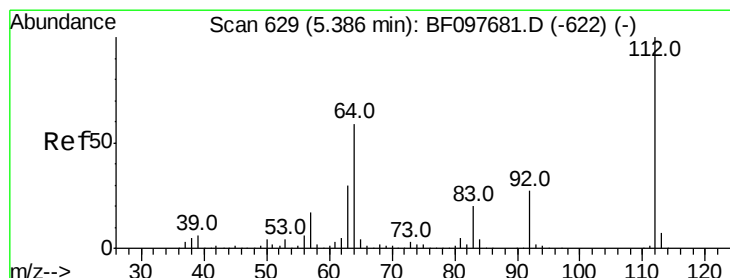
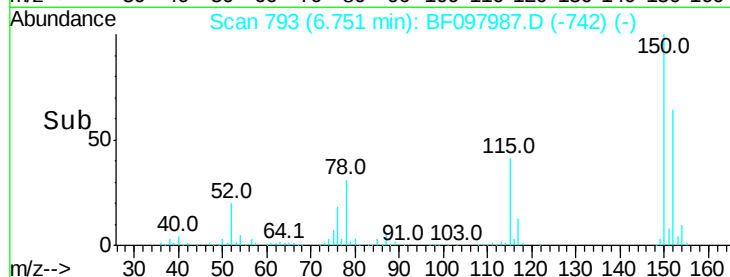
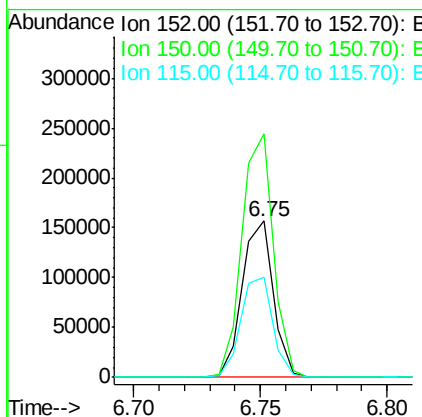
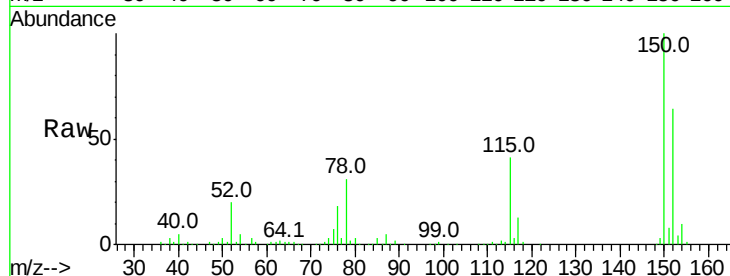
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF097987.D
Acq: 23 Aug 2017 7:29

Instrument :
BNA_F
ClientSampleId :
TEC-BE1-3-12-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.2	189.2
115	64.3	52.2	78.2

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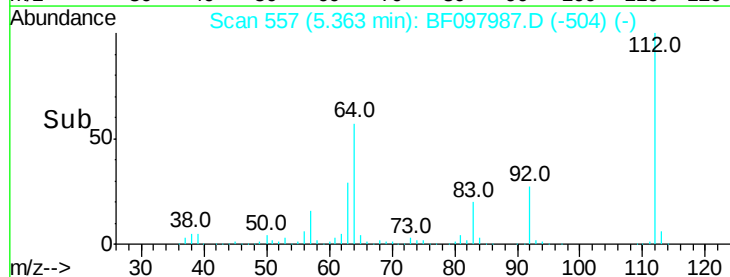
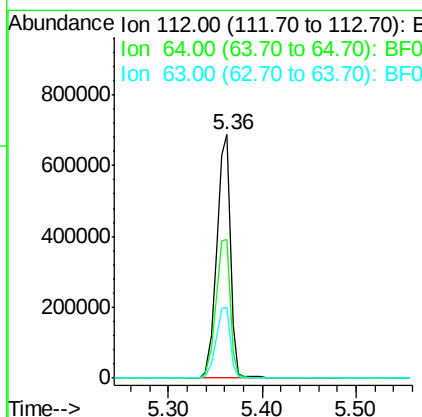
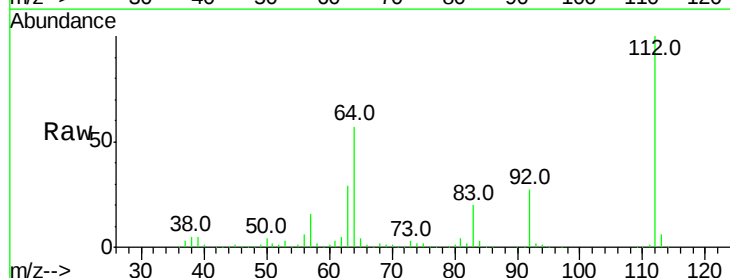
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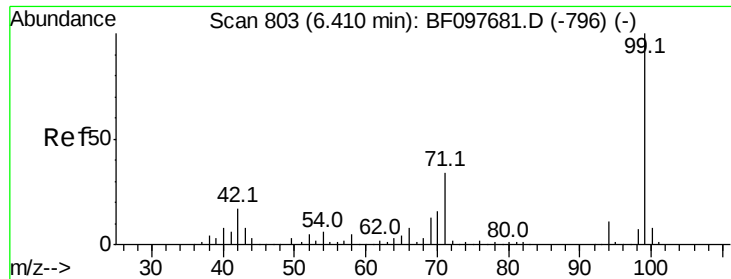


#5

2-Fluorophenol
Concen: 80.484 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF097987.D
Acq: 23 Aug 2017 7:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	46.0	69.0
63	29.1	23.4	35.0





#7

Phenol-d6

Concen: 76.805 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF097987.D

Acq: 23 Aug 2017 7:29

Instrument :

BNA_F

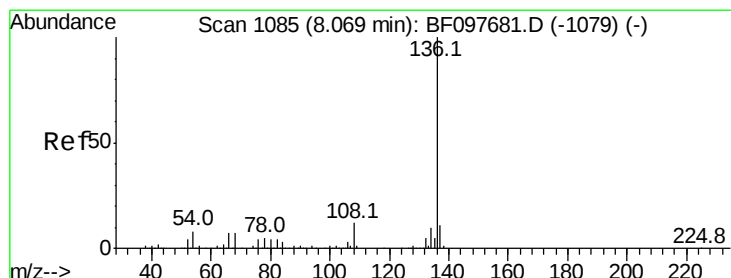
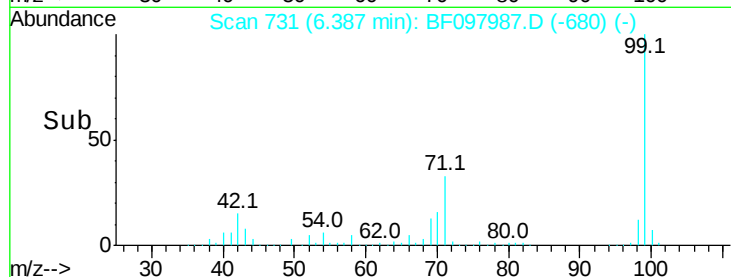
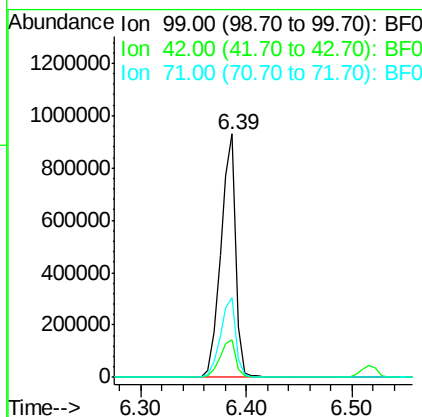
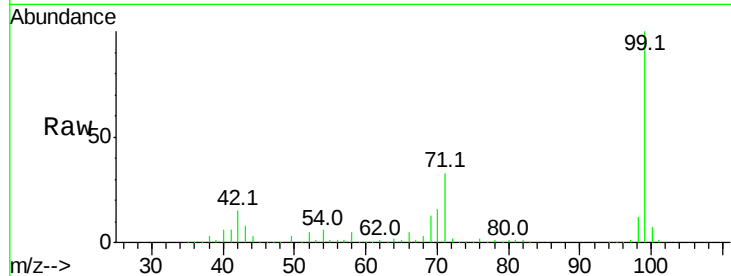
ClientSampleId :

TEC-BE1-3-12-COMP

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		918251		
42	15.3	13.5	20.3		
71	32.9	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.000 ng

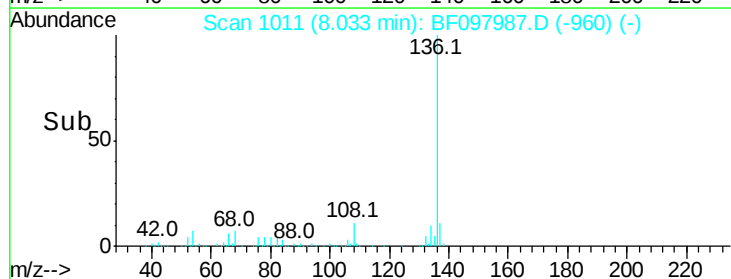
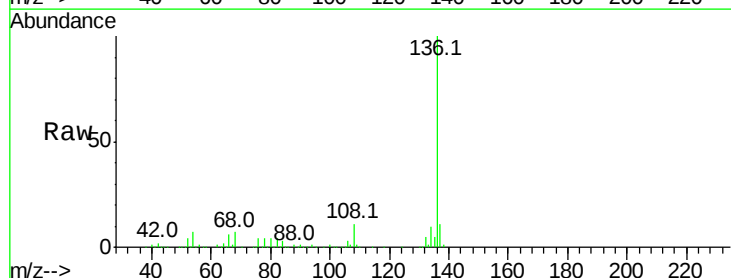
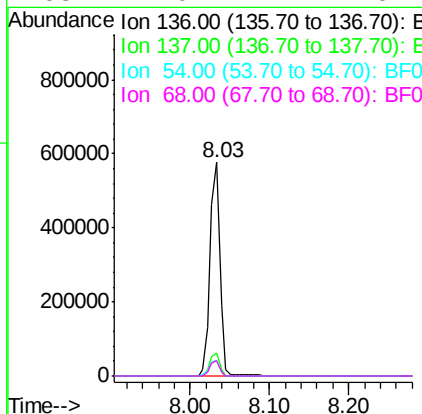
RT: 8.03 min Scan# 1011

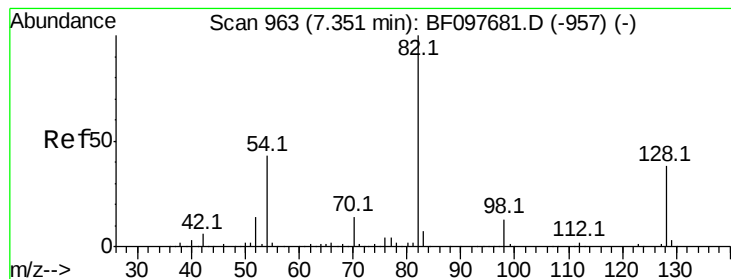
Delta R.T. 0.00 min

Lab File: BF097987.D

Acq: 23 Aug 2017 7:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		502368		
137	11.0	8.5	12.7		
54	7.4	4.9	7.3#		
68	7.0	4.1	6.1#		





#23

Nitrobenzene-d5

Concen: 60.236 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF097987.D

Acq: 23 Aug 2017 7:29

Instrument :

BNA_F

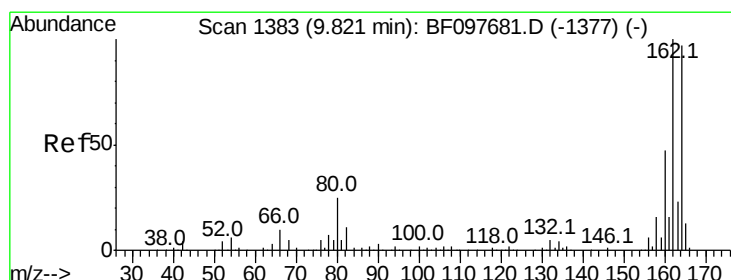
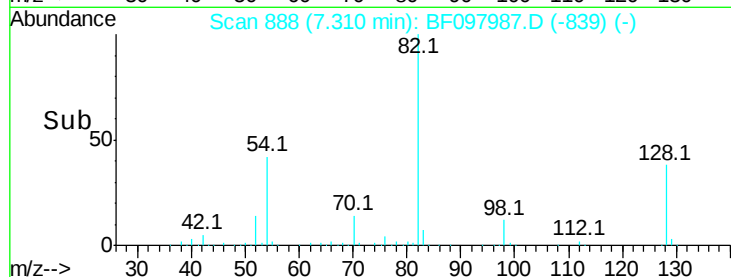
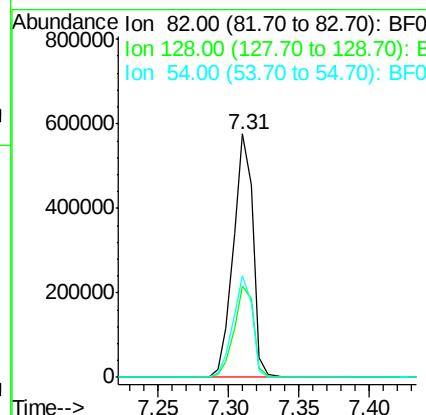
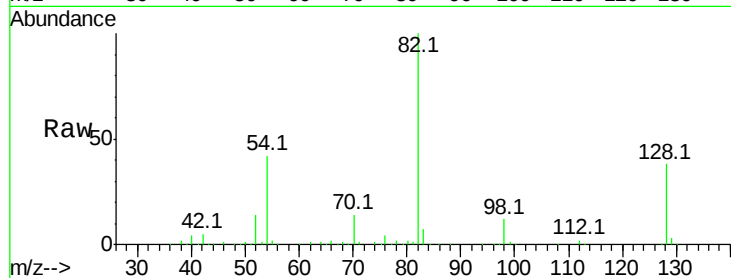
ClientSampleId :

TEC-BE1-3-12-COMP

Tot Ion:	82	Resp:	557036
Ion Ratio	Lower	Upper	
82	100		
128	37.6	34.0	51.0
54	41.5	42.2	63.2#

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#38

Acenaphthene-d10

Concen: 20.000 ng

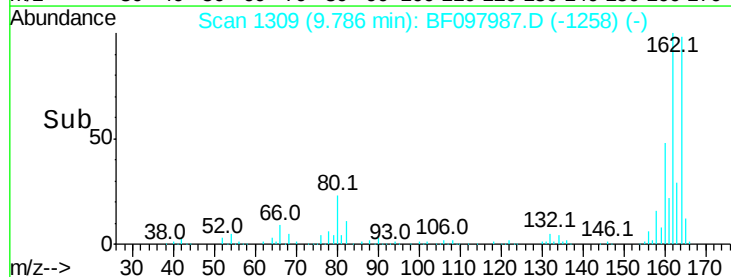
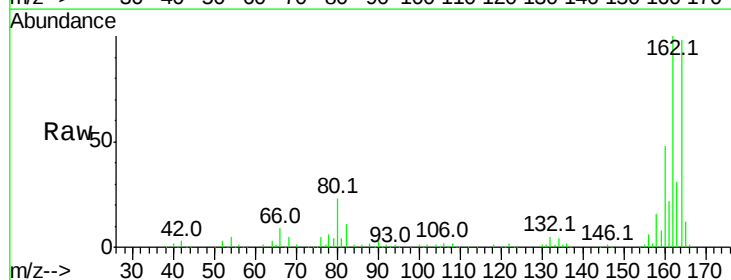
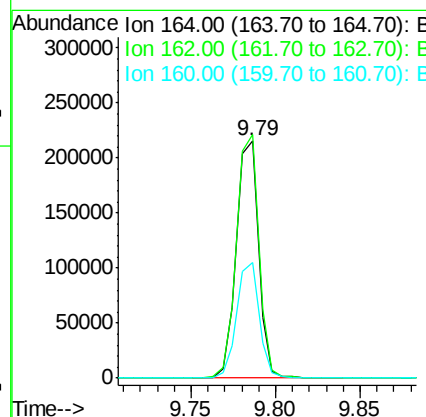
RT: 9.79 min Scan# 1309

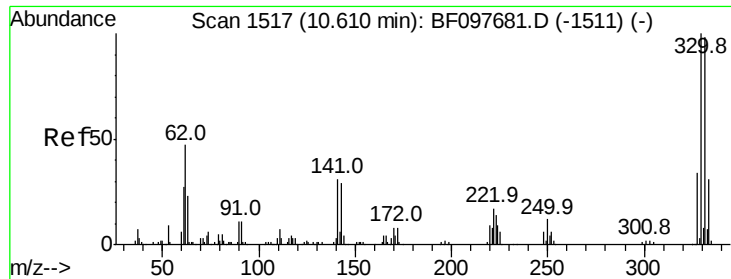
Delta R.T. -0.00 min

Lab File: BF097987.D

Acq: 23 Aug 2017 7:29

Tgt Ion:	164	Resp:	197426
Ion Ratio	Lower	Upper	
164	100		
162	102.5	82.6	123.8
160	48.8	36.2	54.2





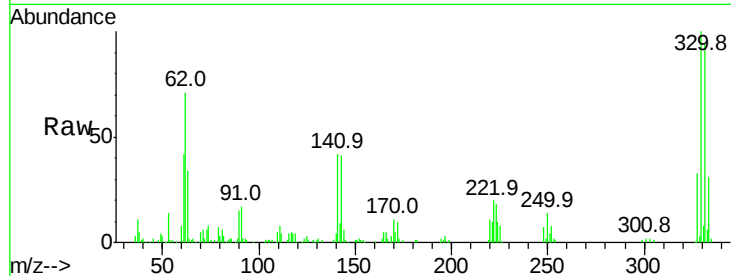
#41
 2,4,6-Tribromophenol
 Concen: 62.530 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF097987.D
 Acq: 23 Aug 2017 7:29

Instrument :
 BNA_F
 ClientSampleId :
 TEC-BE1-3-12-COMP

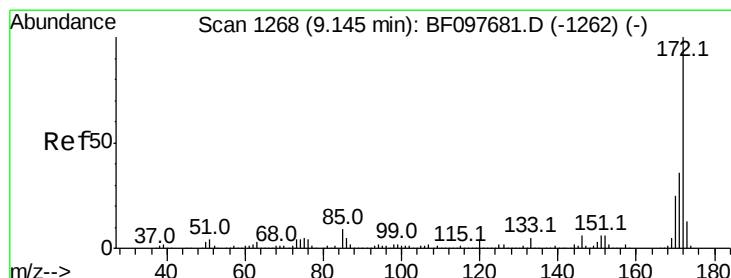
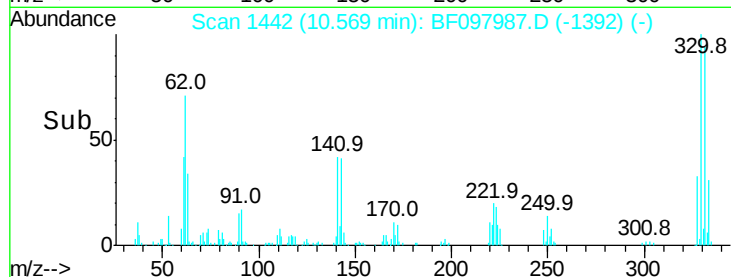
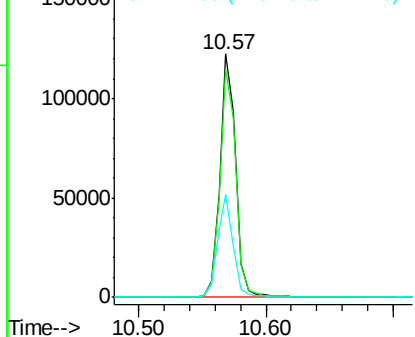
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.1	76.6	115.0	
141	41.7	31.4	47.2	

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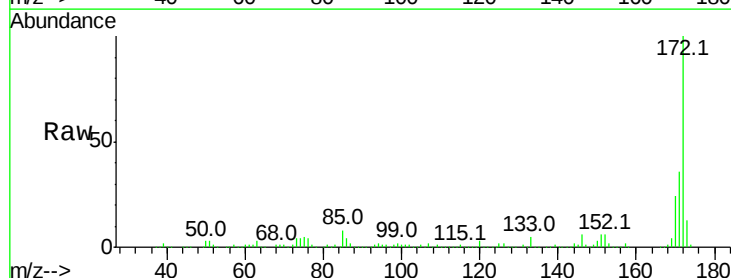


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

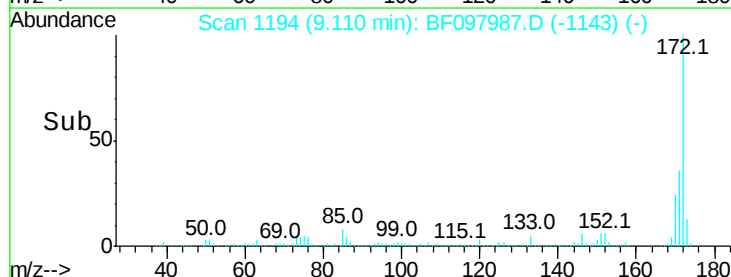
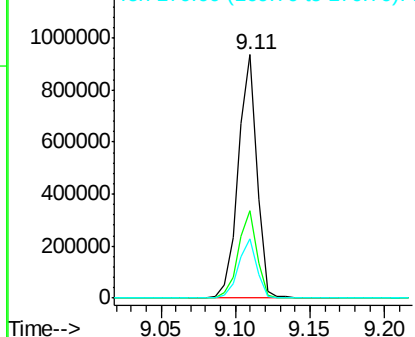


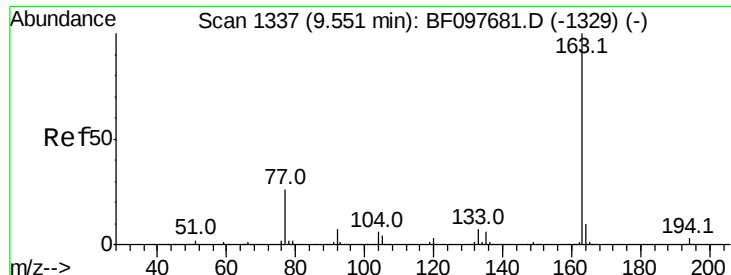
#44
 2-Fluorobiphenyl
 Concen: 61.277 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF097987.D
 Acq: 23 Aug 2017 7:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.1	29.6	44.4	
170	24.1	19.8	29.8	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





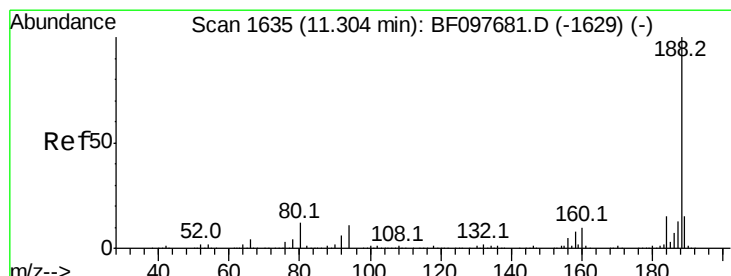
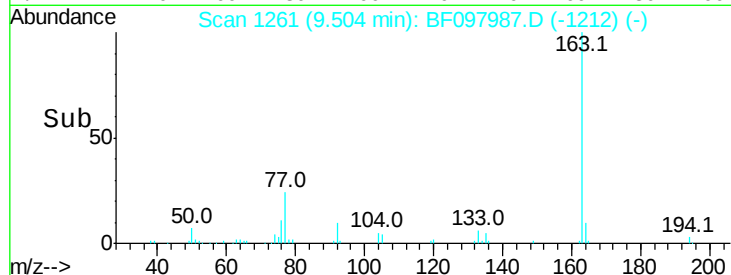
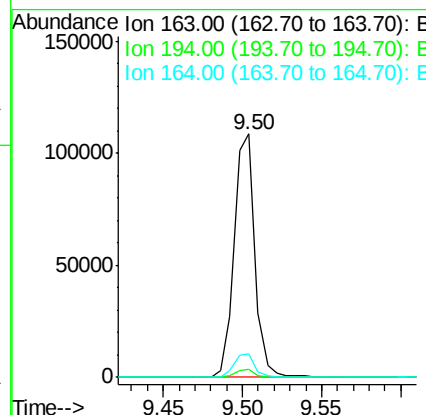
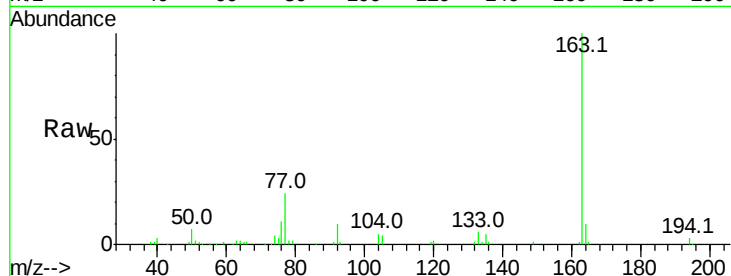
#49
Dimethylphthalate
Concen: 6.860 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF097987.D
Acq: 23 Aug 2017 7:29

Instrument :
BNA_F
ClientSampleId :
TEC-BE1-3-12-COMP

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.7	8.4	12.6

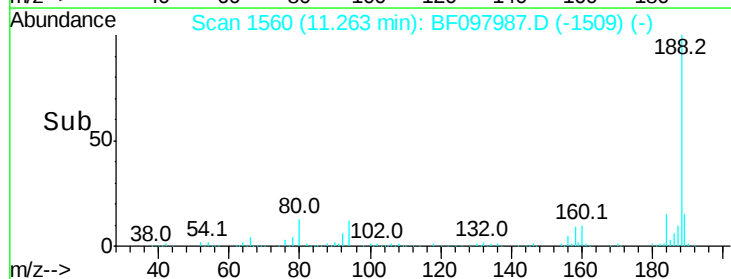
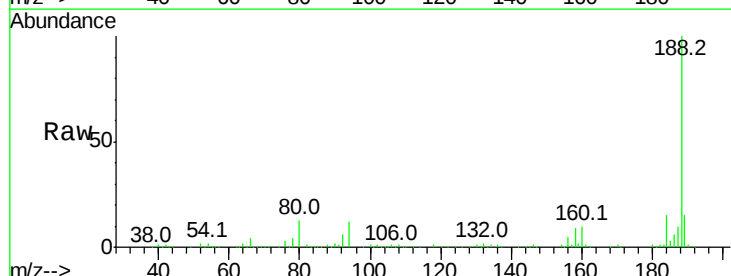
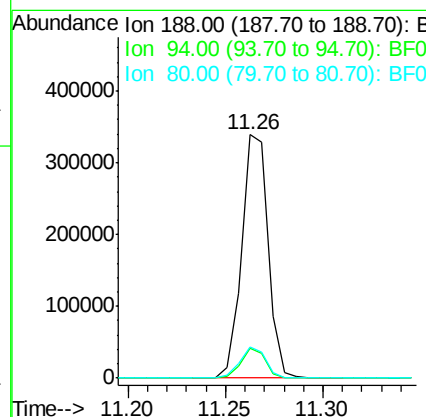
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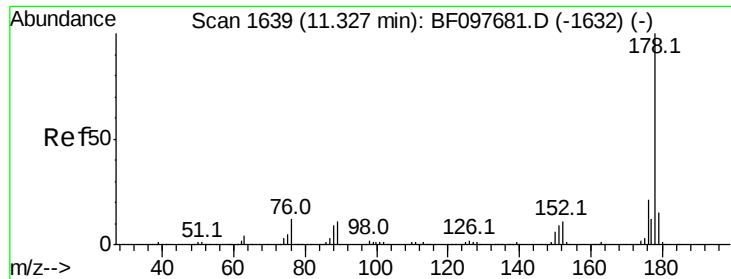
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF097987.D
Acq: 23 Aug 2017 7:29

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	12.1	9.4	14.2
80	12.8	10.2	15.2





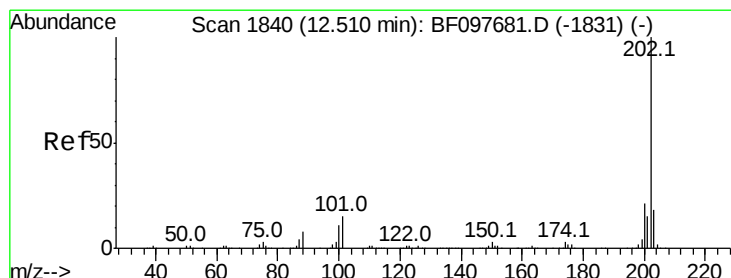
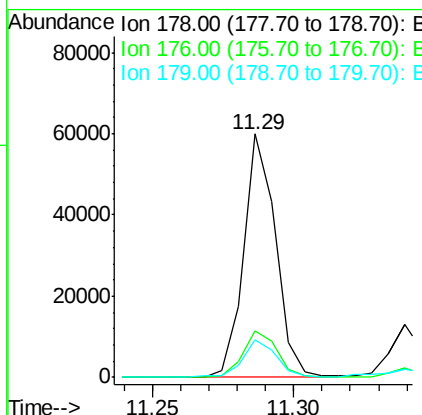
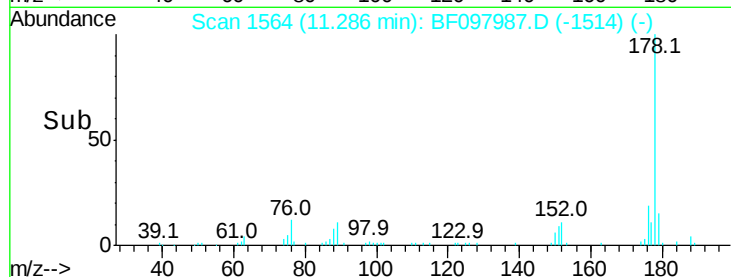
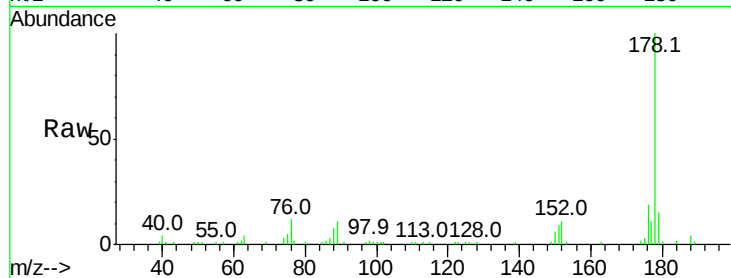
#70
Phenanthrene
Concen: 2.770 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF097987.D
Acq: 23 Aug 2017 7:29

Instrument :
BNA_F
ClientSampleId :
TEC-BE1-3-12-COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.2	24.4
179	15.2	12.6	19.0

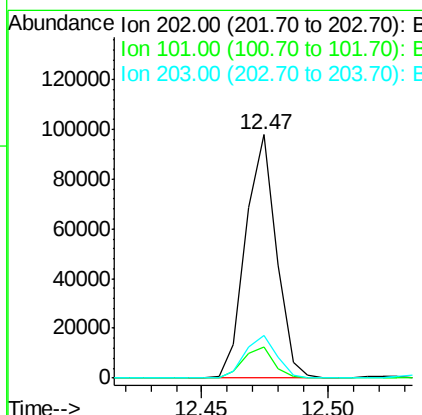
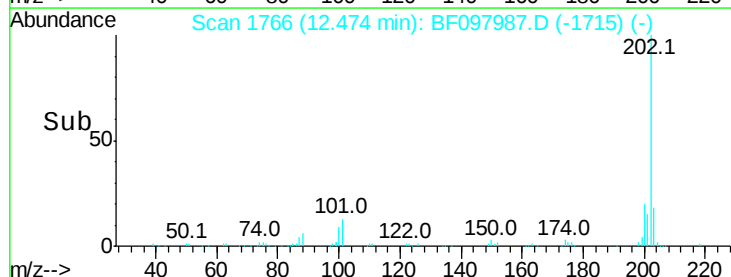
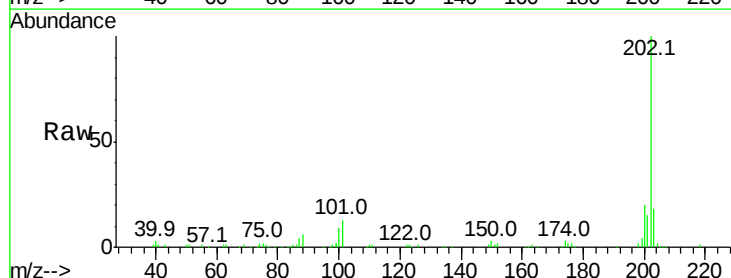
Manual Integrations
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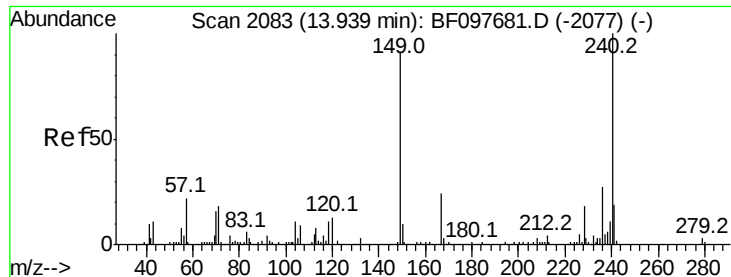
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#74
Fluoranthene
Concen: 4.669 ng
RT: 12.47 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BF097987.D
Acq: 23 Aug 2017 7:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	33.2
203	17.6	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: BF097987.D

Acq: 23 Aug 2017 7:29

Instrument :

BNA_F

ClientSampleId :

TEC-BE1-3-12-COMP

Tot Ion:240 Resp: 301267

Ion Ratio Lower Upper

240 100

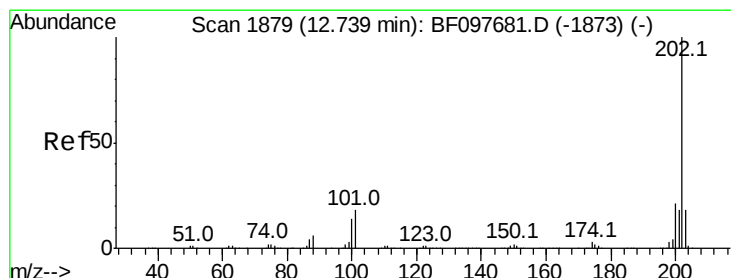
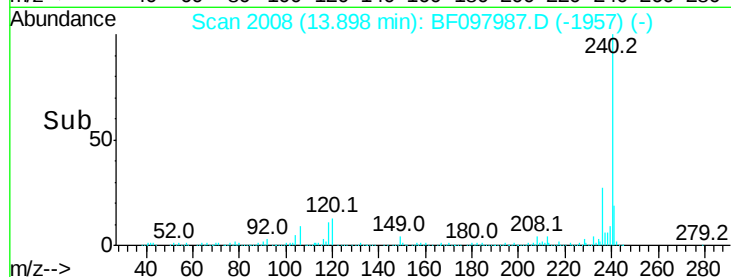
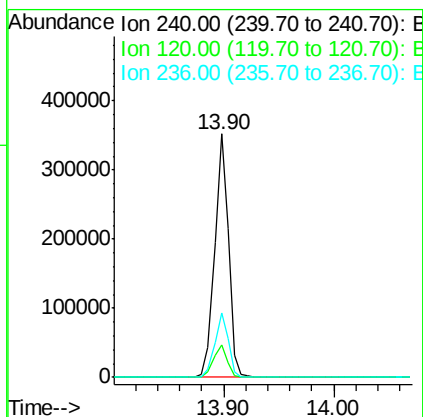
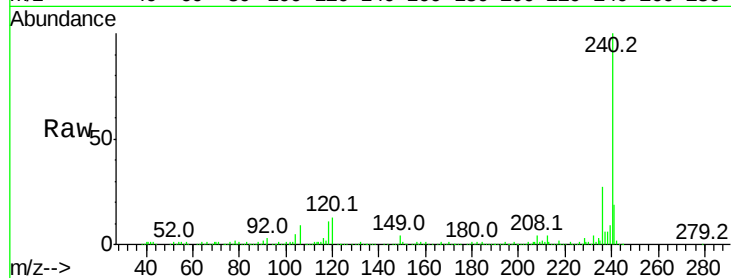
120 13.5 5.8 8.8#

236 26.7 20.5 30.7

Manual Integrations
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#77

Pyrene

Concen: 2.945 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF097987.D

Acq: 23 Aug 2017 7:29

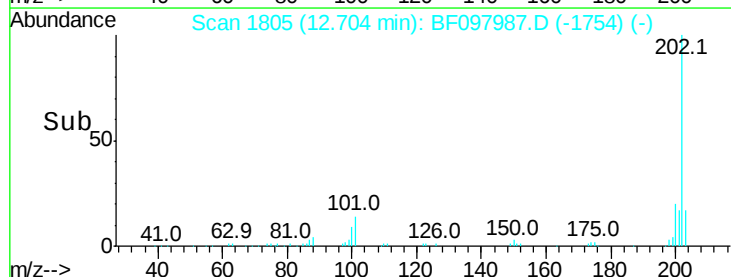
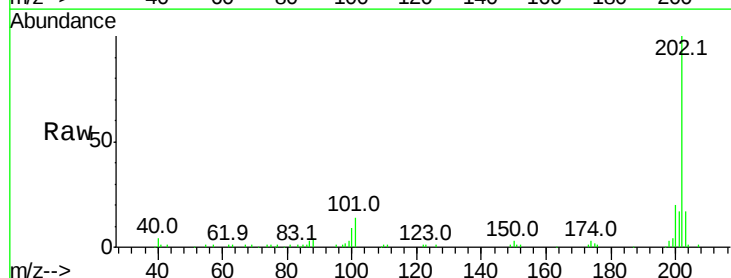
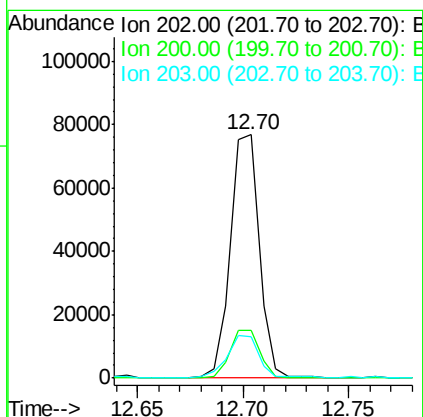
Tgt Ion:202 Resp: 72565

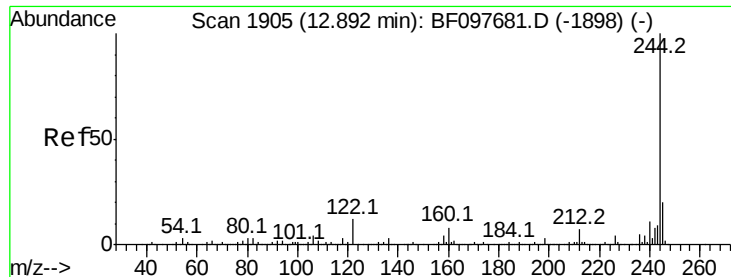
Ion Ratio Lower Upper

202 100

200 19.6 17.6 26.4

203 17.0 14.4 21.6





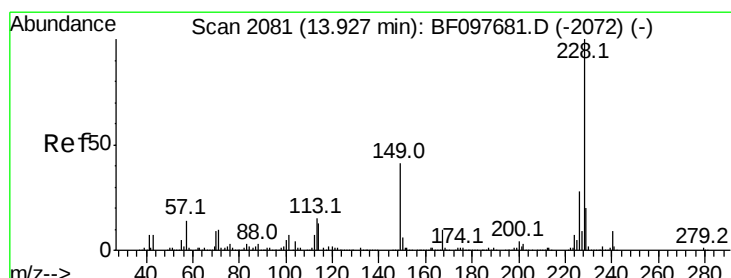
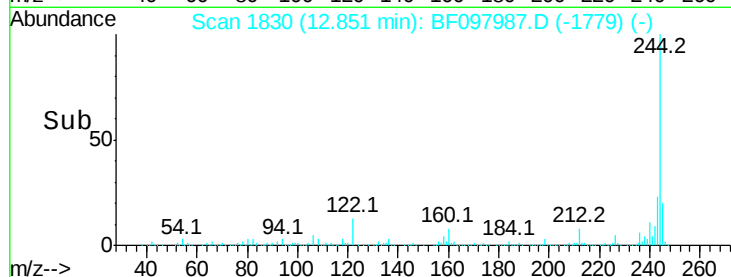
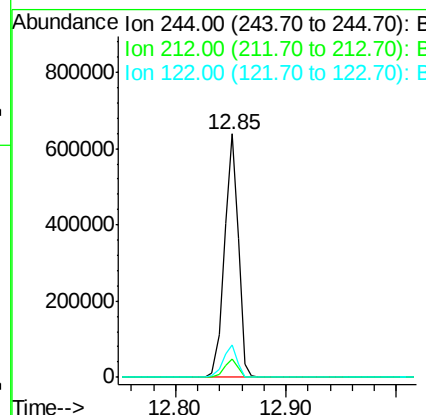
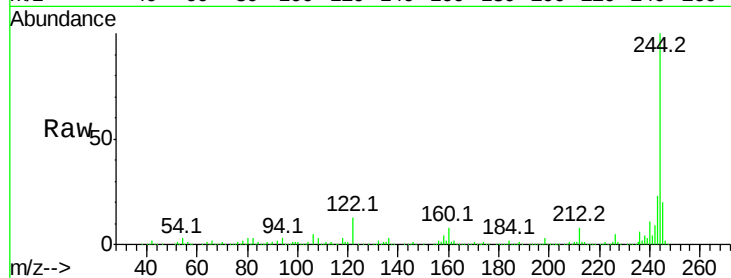
#78
 Terphenyl-d14
 Concen: 38.458 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. 0.00 min
 Lab File: BF097987.D
 Acq: 23 Aug 2017 7:29

Instrument :
 BNA_F
 ClientSampleId :
 TEC-BE1-3-12-COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	13.2	10.3	15.5

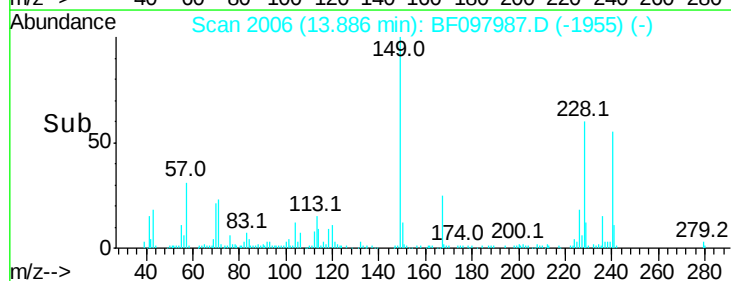
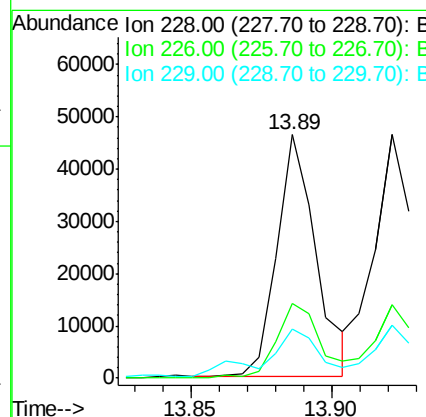
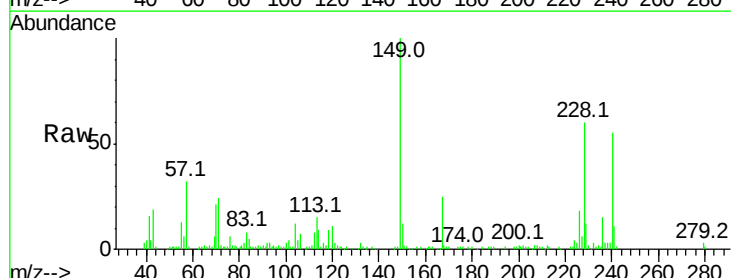
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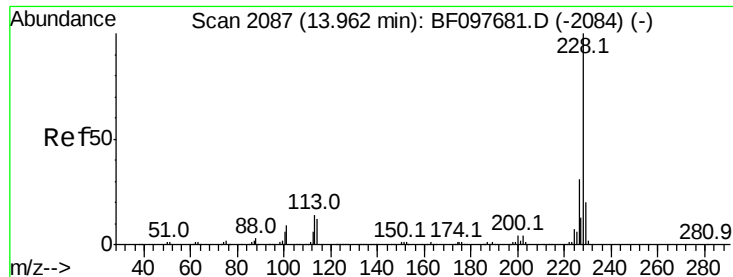
Sohil
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#80
 Benzo(a)anthracene
 Concen: 2.470 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.00 min
 Lab File: BF097987.D
 Acq: 23 Aug 2017 7:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	22.6	33.8
229	19.9	16.3	24.5





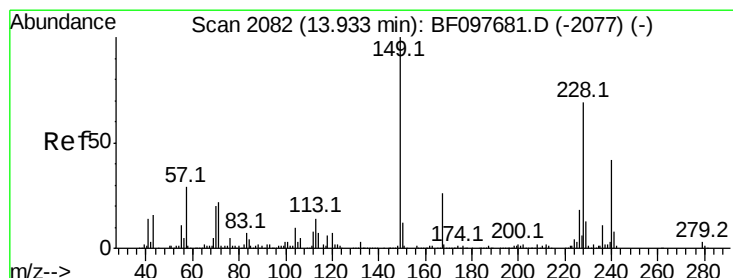
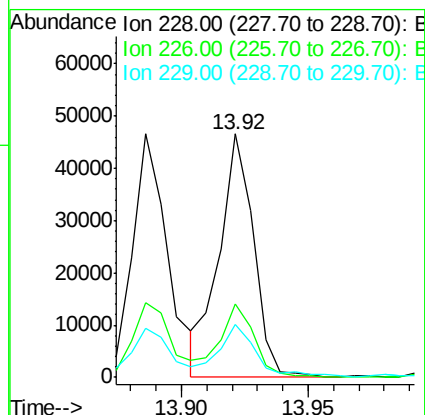
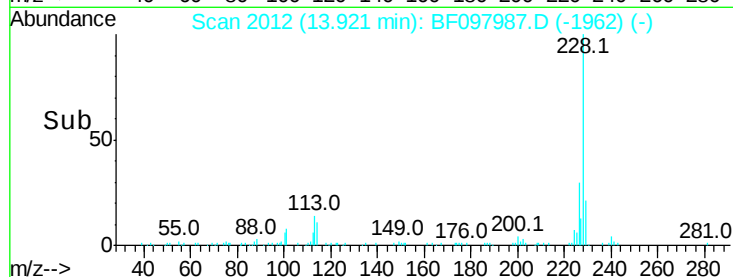
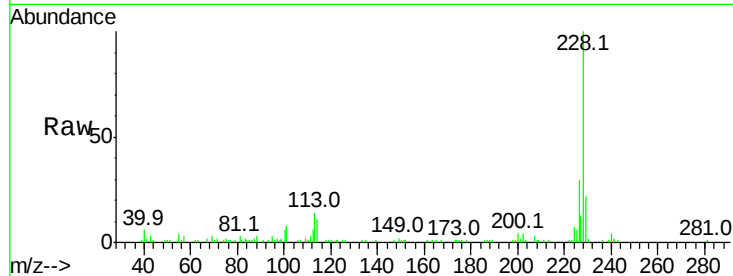
#82
Chrysene
Concen: 2.458 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF097987.D
Acq: 23 Aug 2017 7:29

Instrument :
BNA_F
ClientSampleId :
TEC-BE1-3-12-COMP

Tot Ion:	228	Resp:	44149
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.9	37.3
229	21.6	15.8	23.6

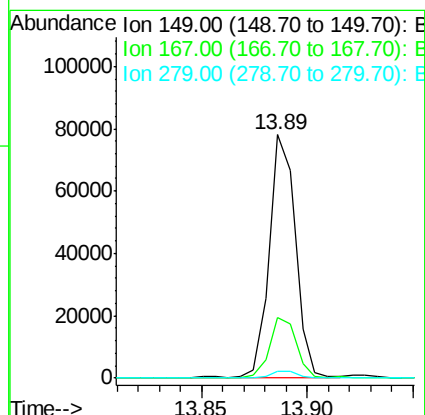
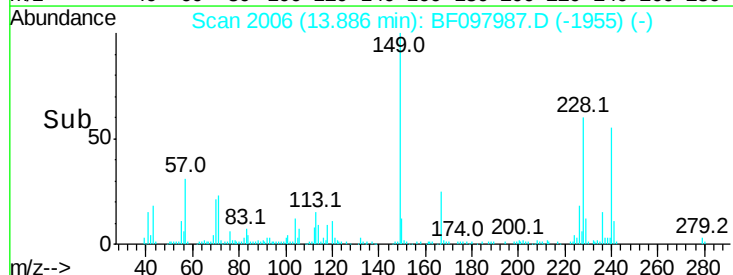
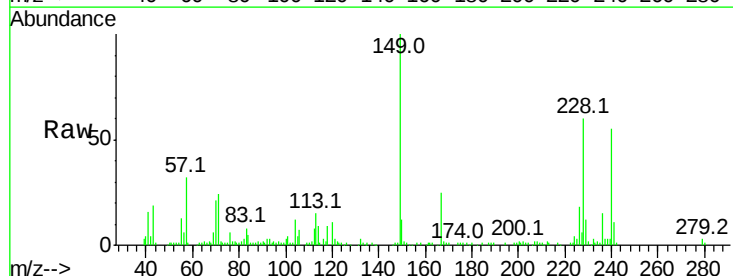
Manual Integrations
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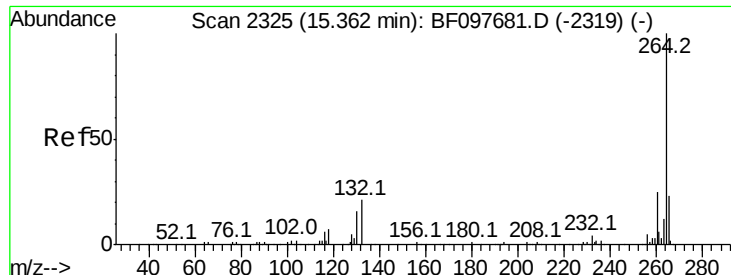
Sohil
8/23/2017 3:04:10 PM



#83
Bis(2-ethylhexyl)phthalate
Concen: 6.485 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BF097987.D
Acq: 23 Aug 2017 7:29

Tgt Ion:	149	Resp:	67890
Ion Ratio	Lower	Upper	
149	100		
167	25.1	21.0	31.4
279	2.6	1.9	2.9





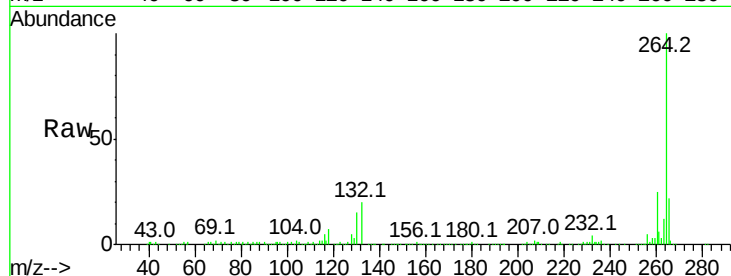
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.01 min
Lab File: BF097987.D
Acq: 23 Aug 2017 7:29

Instrument :
BNA_F
ClientSampleId :
TEC-BE1-3-12-COMP

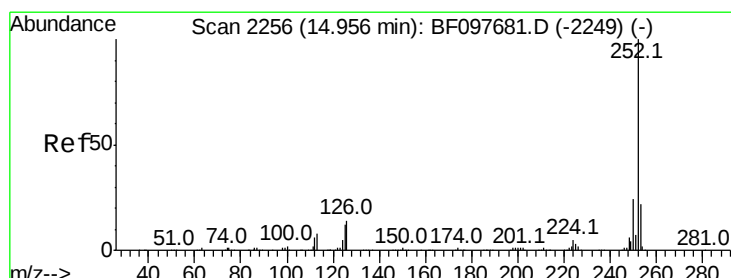
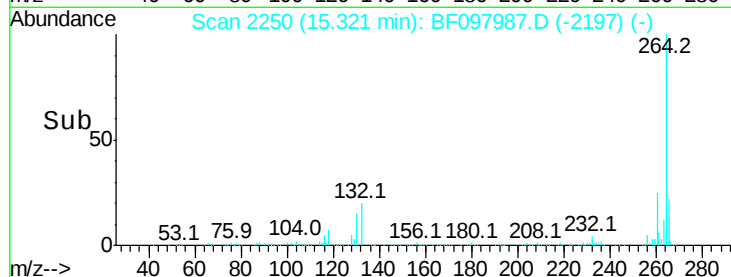
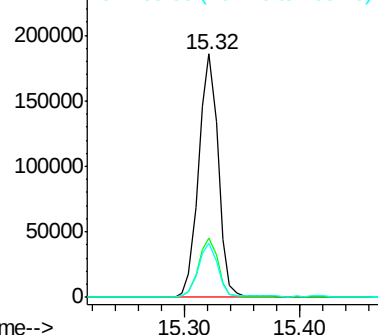
Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	24.5	19.5	29.3	
265	22.3	17.2	25.8	

Manual Integrations
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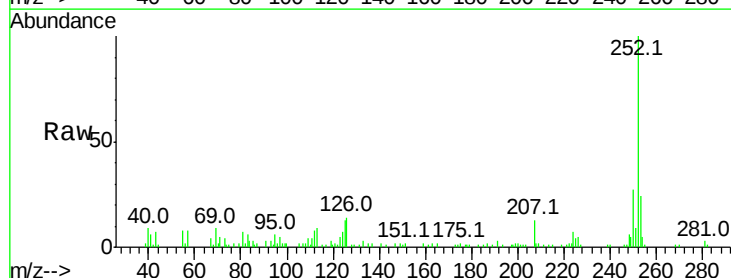


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

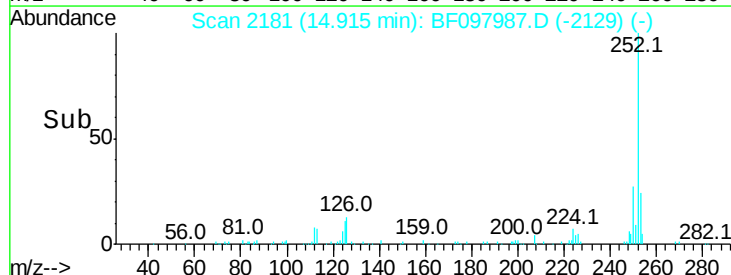
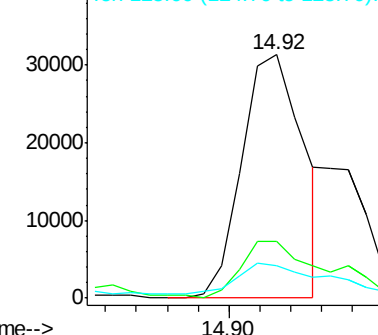


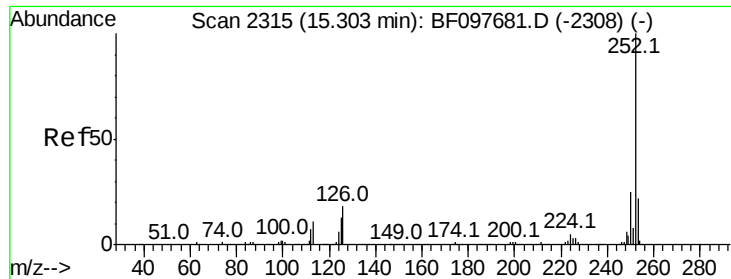
#87
Benzo(b)fluoranthene
Concen: 3.131 ng m
RT: 14.92 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BF097987.D
Acq: 23 Aug 2017 7:29

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	23.5	18.1	27.1	
125	13.1	9.8	14.8	



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 2.420 ng

RT: 15.26 min Scan# 2239

Delta R.T. -0.00 min

Lab File: BF097987.D

Acq: 23 Aug 2017 7:29

Instrument :

BNA_F

ClientSampleId :

TEC-BE1-3-12-COMP

Tot Ion:	252	Resp:	29516
Ion Ratio		Lower	Upper
252	100		
253	24.6	17.5	26.3
125	14.4	11.0	16.4

Manual Integrations
APPROVED

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