

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082317\
 Data File : BF097996.D
 Acq On : 23 Aug 2017 14:20
 Operator : SJ/JU
 Sample : I4901-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
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 8/24/2017 4:59:50 PM

Quant Time: Aug 23 18:06:26 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	6.74	152	134167	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	541323	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	246408	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	469520	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	288101	20.00	ng	-0.01
86) Perylene-d12	15.30	264	244763	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	763435	86.55	ng	0.00
7) Phenol-d6	6.37	99	1016710	84.83	ng	-0.01
23) Nitrobenzene-d5	7.30	82	627331	62.96	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	130949	61.25	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	923314	55.05	ng	-0.01
78) Terphenyl-d14	12.84	244	705054	51.03	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.49	163	113277	6.289	ng	98
70) Phenanthrene	11.27	178	72252	2.888	ng	99
74) Fluoranthene	12.46	202	119010	4.557	ng	95
77) Pyrene	12.69	202	99113	4.206	ng	98
80) Benzo(a)anthracene	13.87	228	42663m	2.471	ng	
82) Chrysene	13.91	228	43272	2.519	ng	98
83) Bis(2-ethylhexyl)phthalate	13.87	149	63118	6.305	ng	97
87) Benzo(b)fluoranthene	14.89	252	42921m	2.782	ng	
89) Benzo(a)pyrene	15.24	252	31470	2.304	ng	97

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

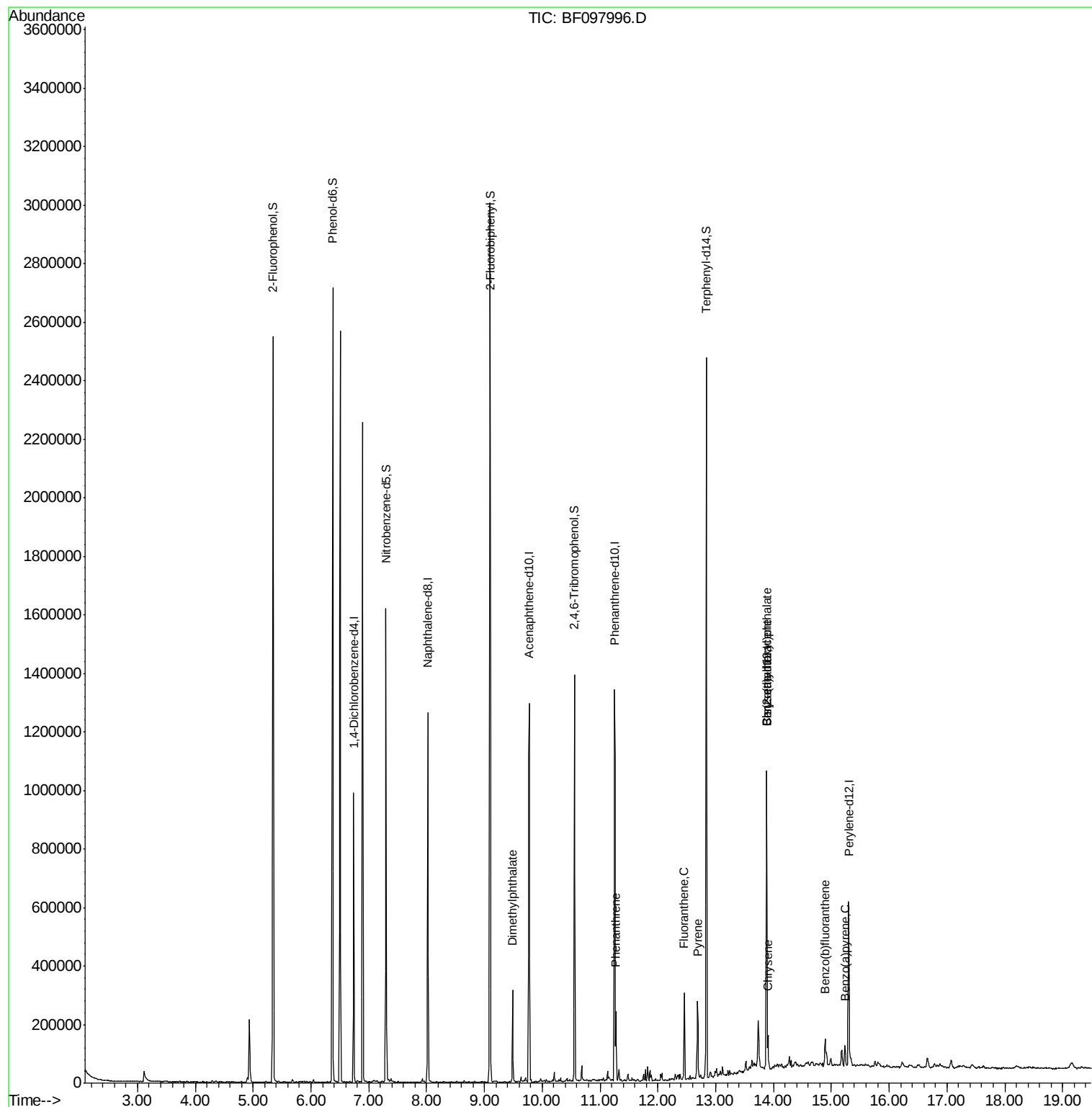
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082317\
Data File : BF097996.D
Acq On : 23 Aug 2017 14:20
Operator : SJ/JU
Sample : I4901-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

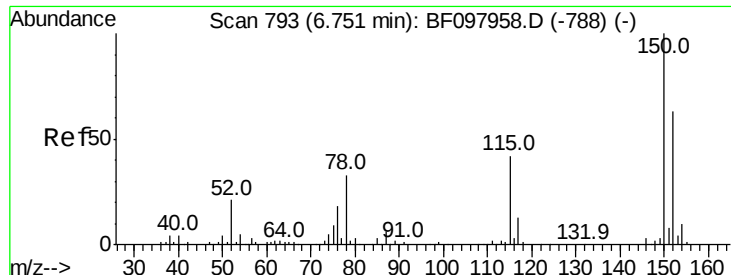
Instrument :
BNA_F
ClientSampleId :
TEC-BE1-3-12-COMP

Manual Integrations
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Quant Time: Aug 23 18:06:26 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

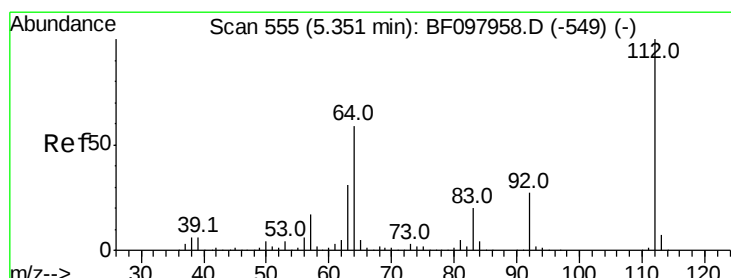
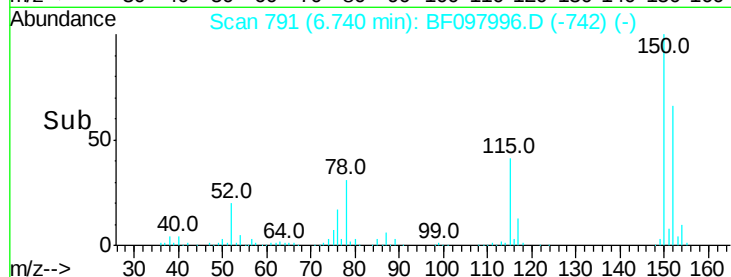
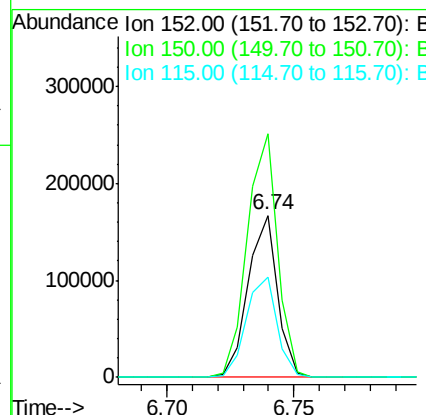
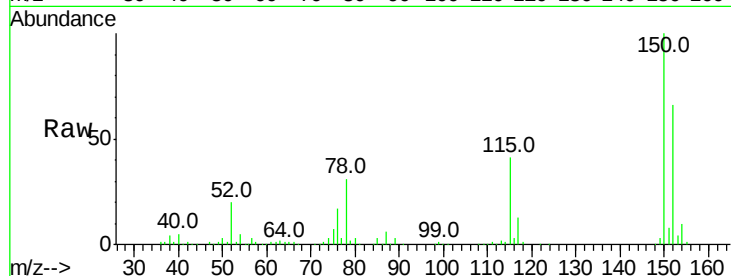
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF097996.D
Acq: 23 Aug 2017 14:20

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.6	126.2	189.2
115	61.8	52.2	78.2

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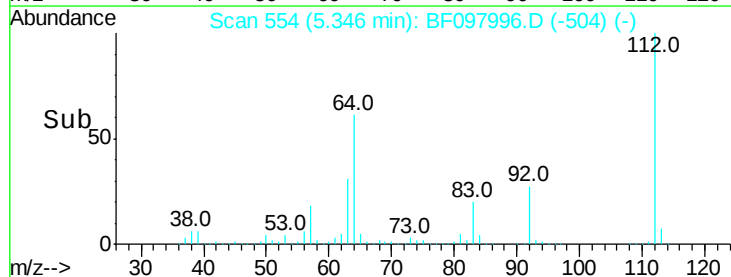
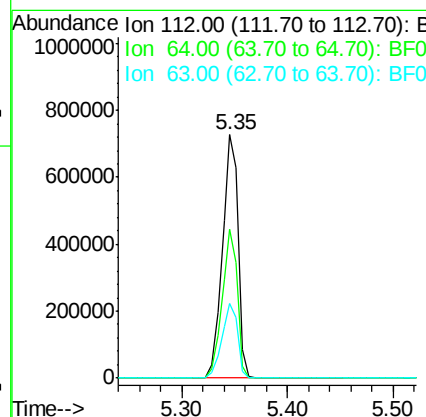
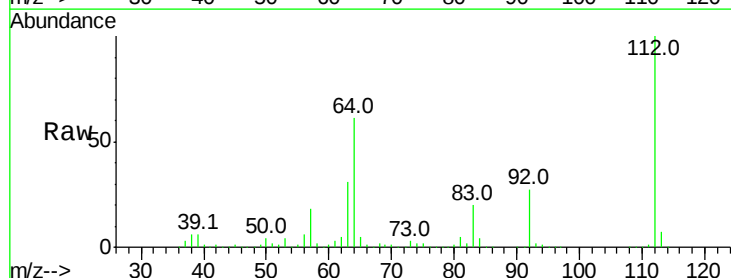
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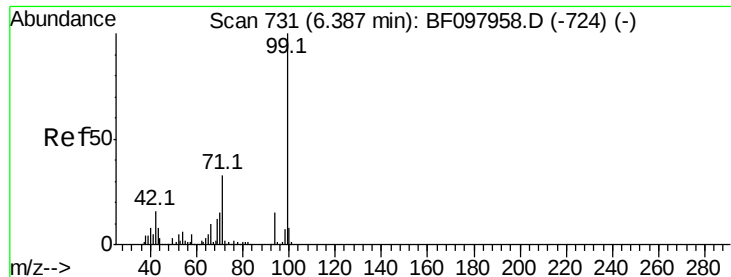


#5

2-Fluorophenol
Concen: 86.552 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF097996.D
Acq: 23 Aug 2017 14:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.3	46.0	69.0
63	30.6	23.4	35.0





#7

Phenol-d6

Concen: 84.835 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF097996.D

Acq: 23 Aug 2017 14:20

Instrument :

BNA_F

ClientSampleId :

TEC-BE1-3-12-COMP

Tot Ion: 99 Resp: 1016710

Ion Ratio Lower Upper

99 100

42 15.2 13.5 20.3

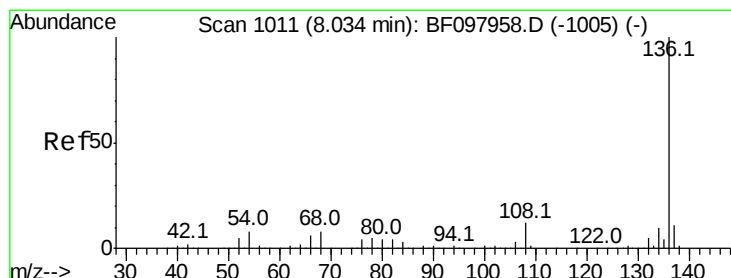
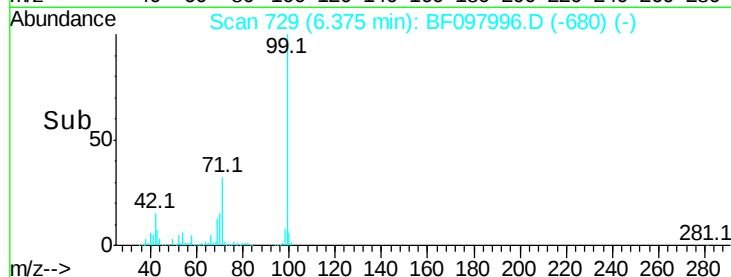
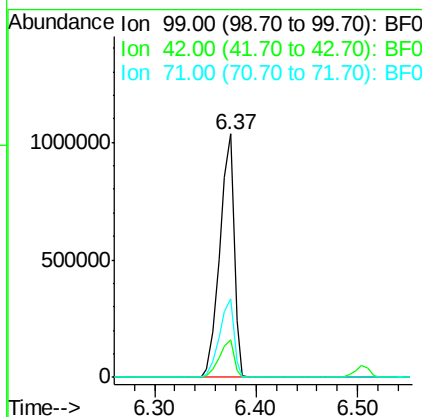
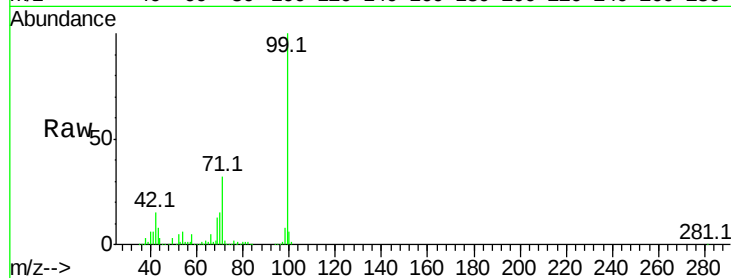
71 32.1 24.5 36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF097996.D

Acq: 23 Aug 2017 14:20

Tgt Ion: 136 Resp: 541323

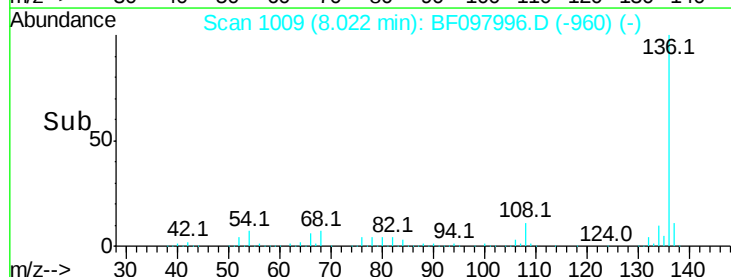
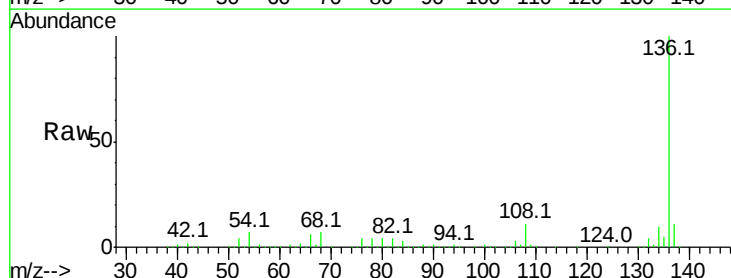
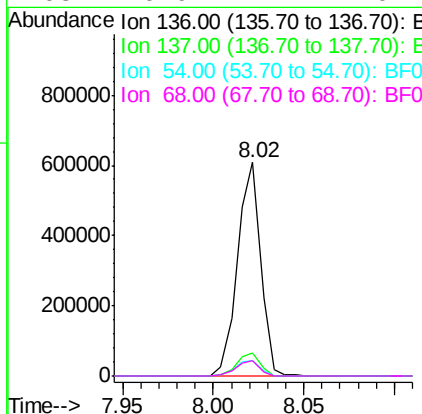
Ion Ratio Lower Upper

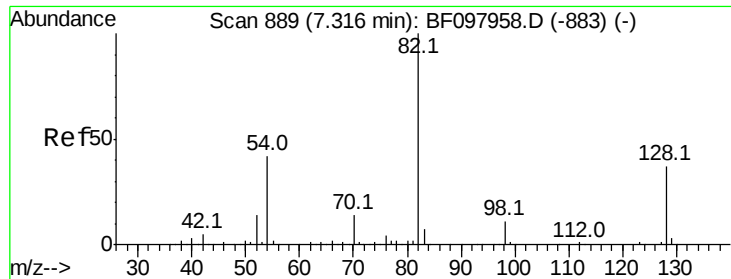
136 100

137 10.8 8.5 12.7

54 7.2 4.9 7.3

68 6.9 4.1 6.1#





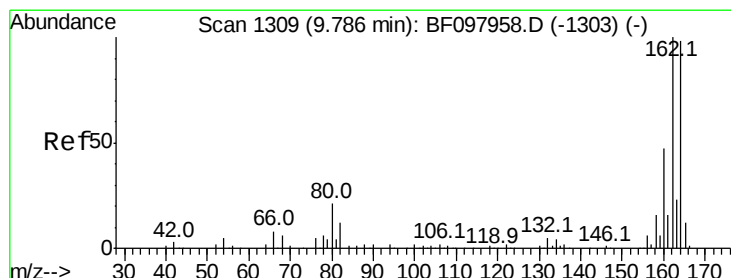
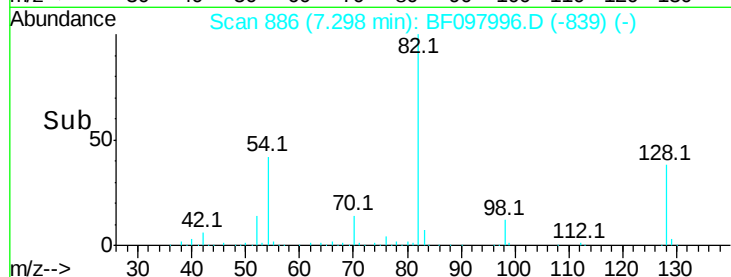
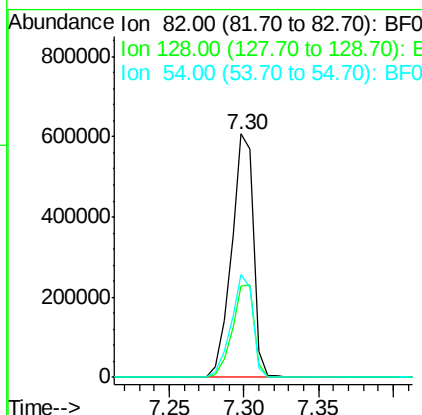
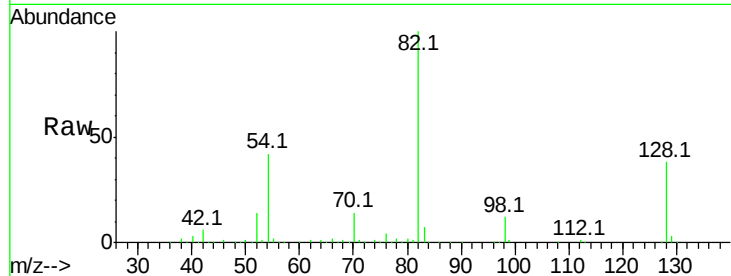
#23
 Nitrobenzene-d5
 Concen: 62.956 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: BF097996.D
 Acq: 23 Aug 2017 14:20

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.6	34.0	51.0
54	42.1	42.2	63.2#

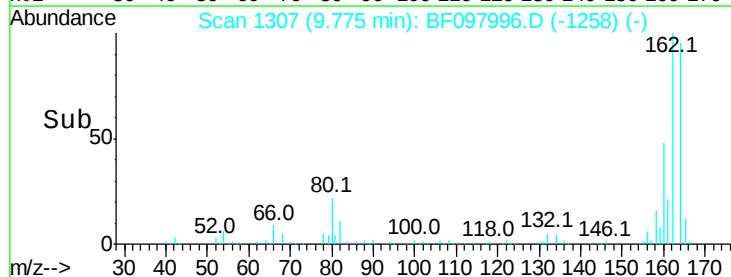
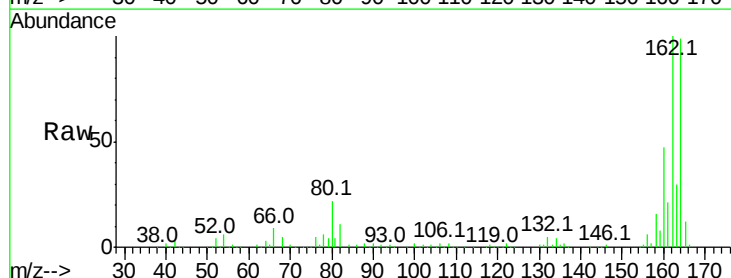
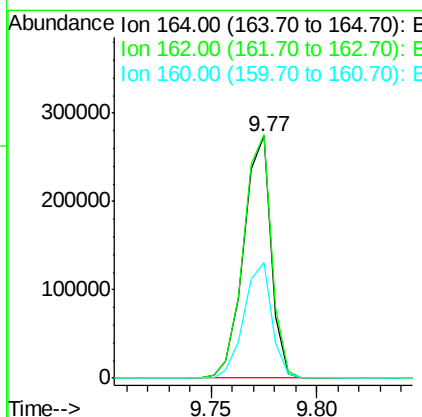
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF097996.D
 Acq: 23 Aug 2017 14:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	82.6	123.8
160	47.7	36.2	54.2





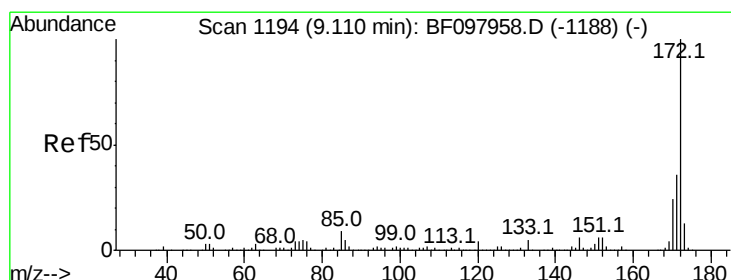
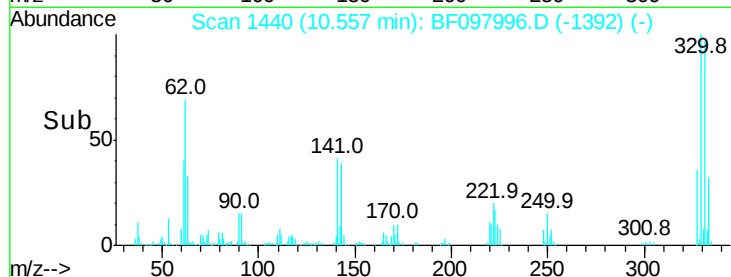
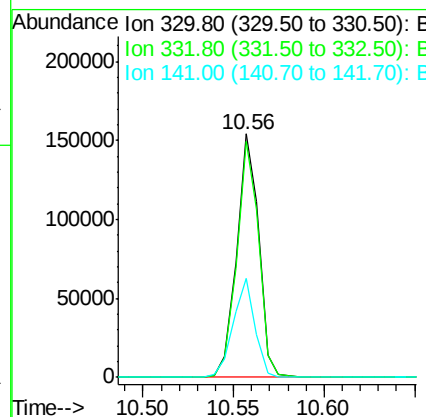
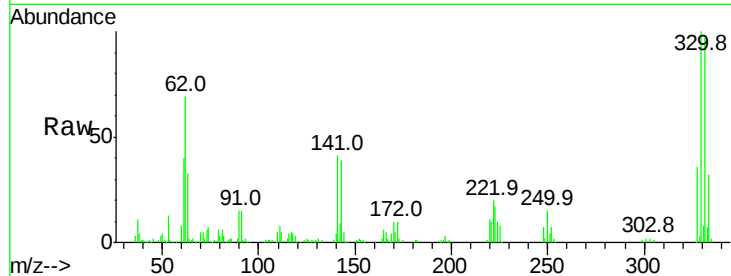
#41
 2,4,6-Tribromophenol
 Concen: 61.249 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF097996.D
 Acq: 23 Aug 2017 14:20

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

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.3		76.6	115.0
141	40.0		31.4	47.2

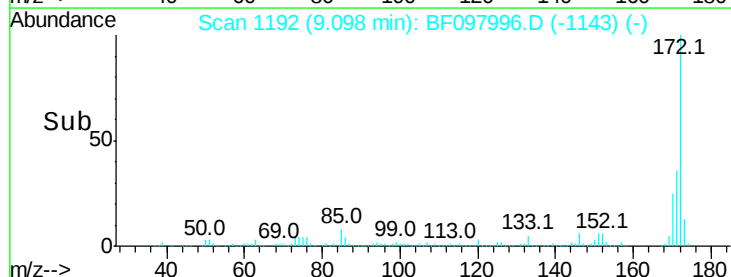
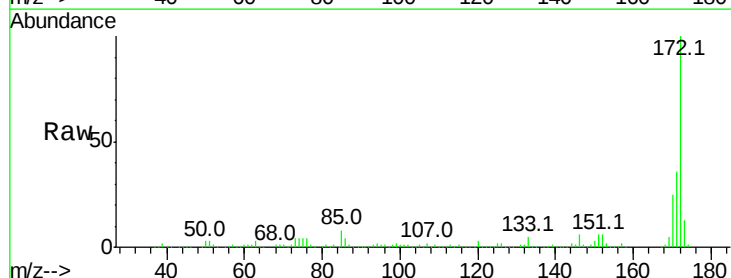
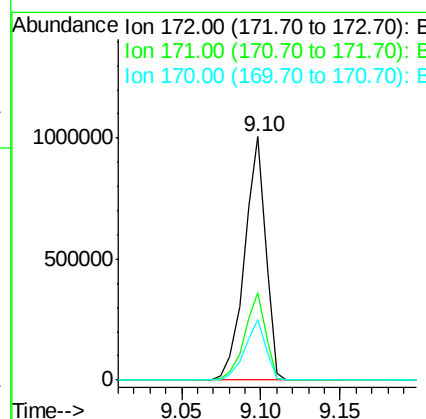
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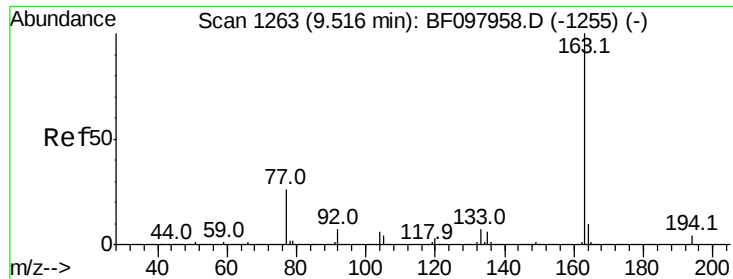
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#44
 2-Fluorobiphenyl
 Concen: 55.053 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF097996.D
 Acq: 23 Aug 2017 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.2		29.6	44.4
170	24.7		19.8	29.8





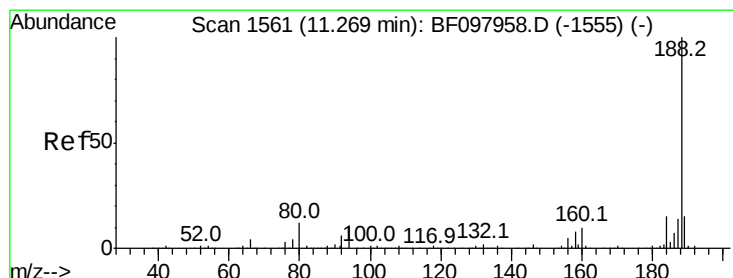
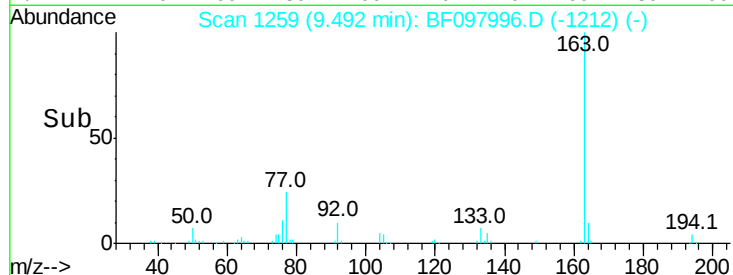
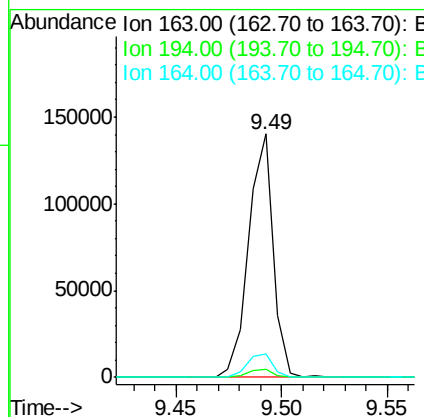
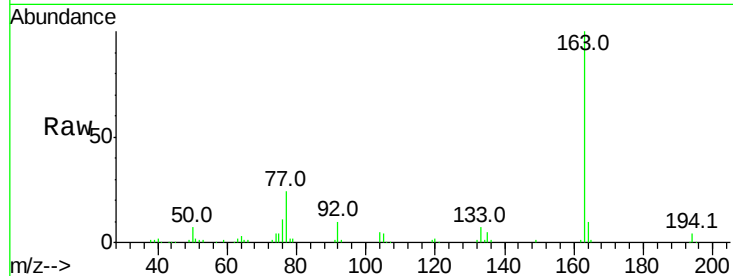
#49
Dimethylphthalate
Concen: 6.289 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF097996.D
Acq: 23 Aug 2017 14:20

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

Tot Ion	Ratio	Resp	Lower	Upper
163	100	113277		
194	3.5	2.6	4.0	
164	9.6	8.4	12.6	

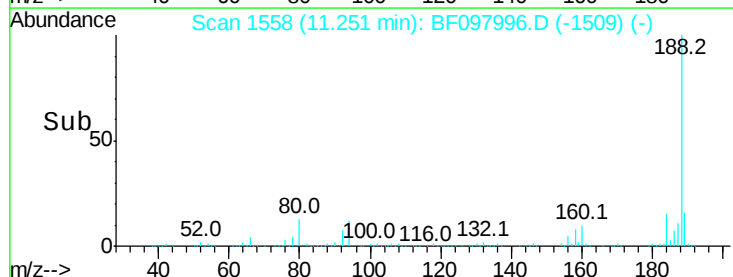
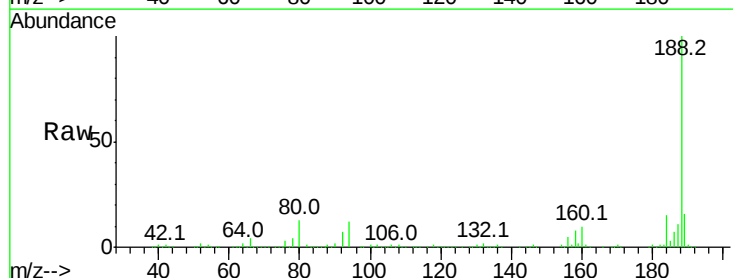
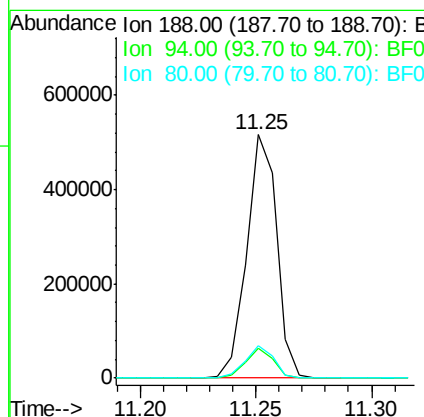
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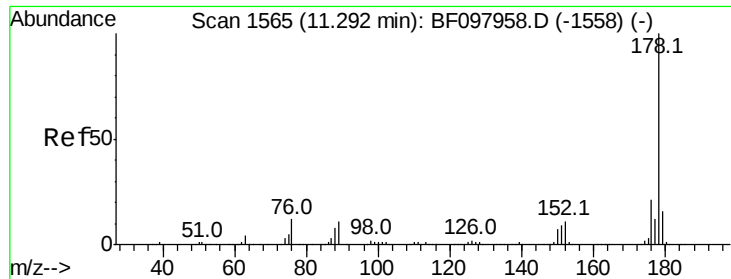
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF097996.D
Acq: 23 Aug 2017 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	469520		
94	12.5	9.4	14.2	
80	13.1	10.2	15.2	





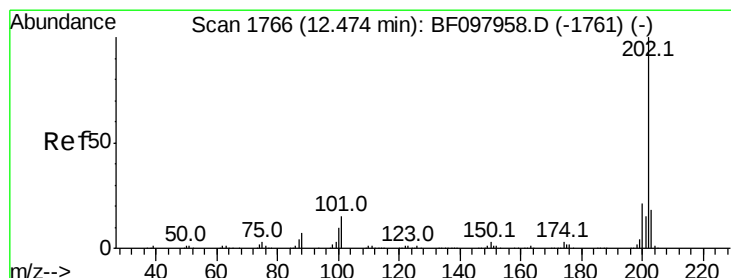
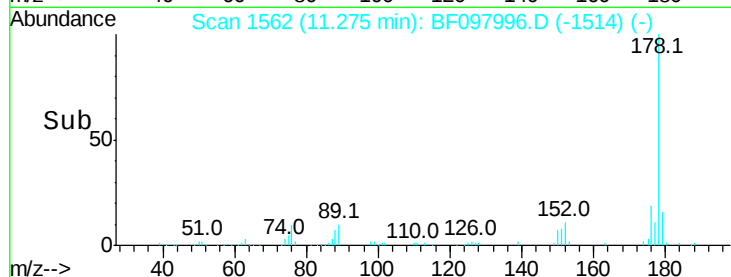
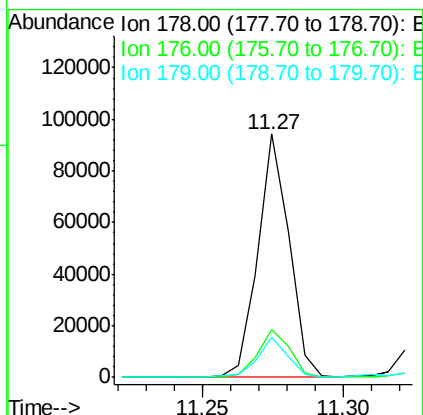
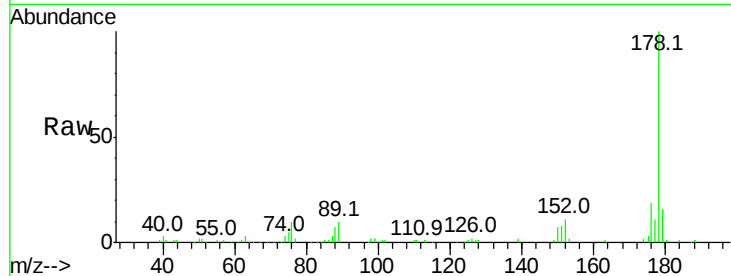
#70
Phenanthrene
Concen: 2.888 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BF097996.D
Acq: 23 Aug 2017 14:20

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.4
179	16.2	12.6	19.0

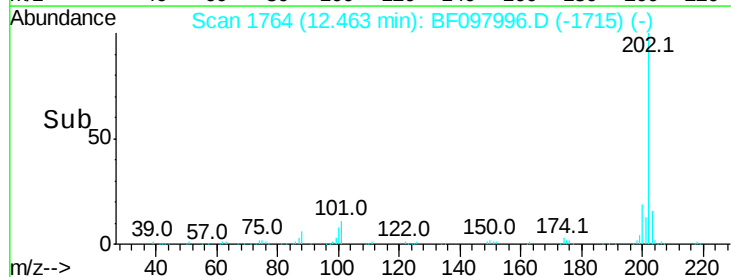
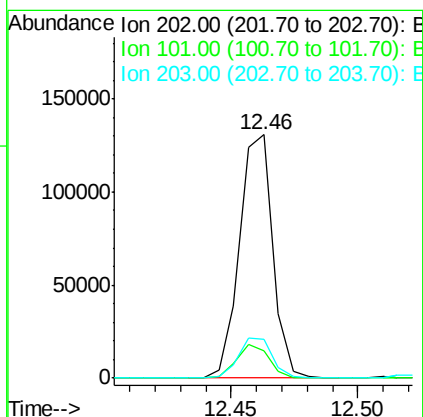
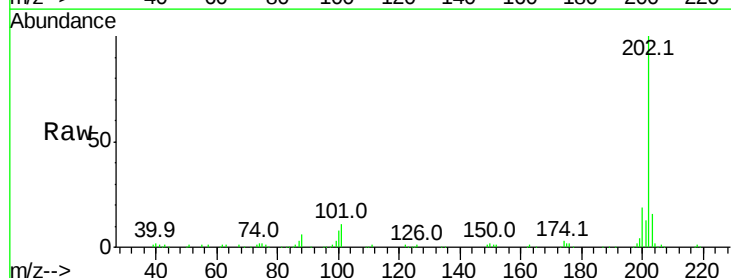
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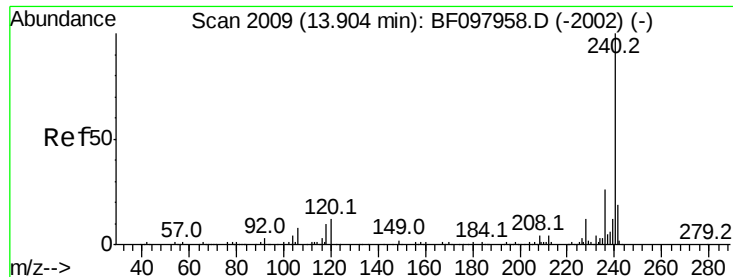
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#74
Fluoranthene
Concen: 4.557 ng
RT: 12.46 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF097996.D
Acq: 23 Aug 2017 14:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	33.2
203	15.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF097996.D

Acq: 23 Aug 2017 14:20

Instrument :

BNA_F

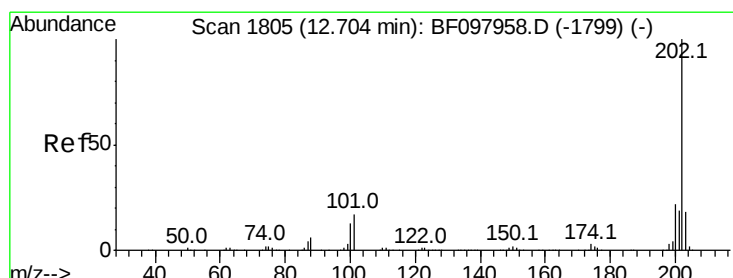
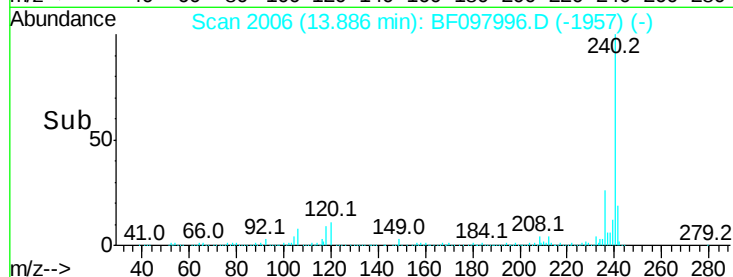
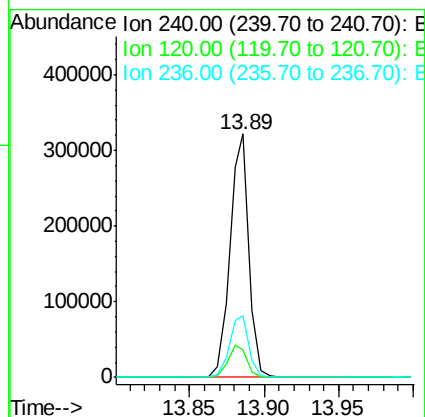
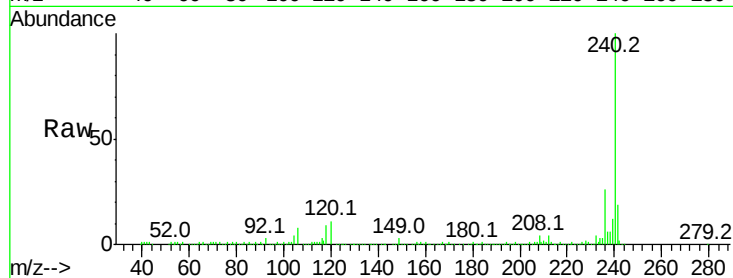
ClientSampleId :

TEC-BE1-3-12-COMP

Tot Ion:	240	Resp:	288101
Ion Ratio	Lower	Upper	
240	100		
120	11.0	5.8	8.8#
236	25.6	20.5	30.7

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#77

Pyrene

Concen: 4.206 ng

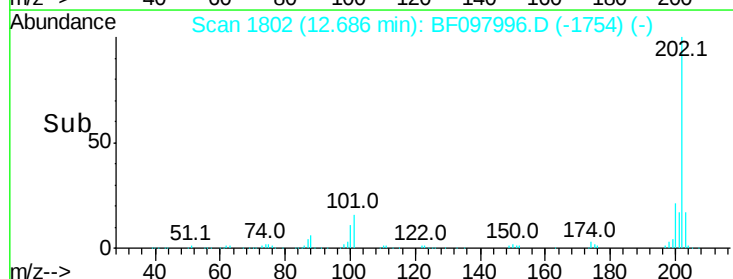
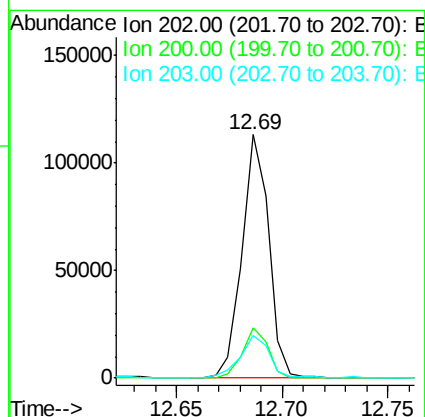
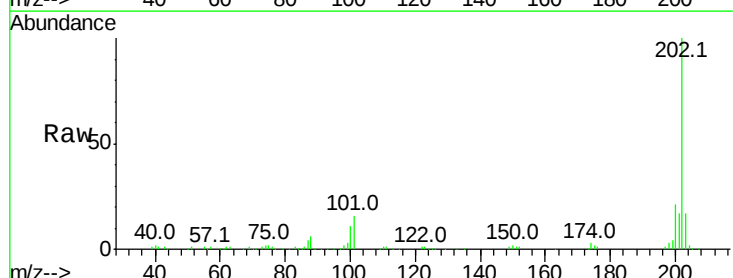
RT: 12.69 min Scan# 1802

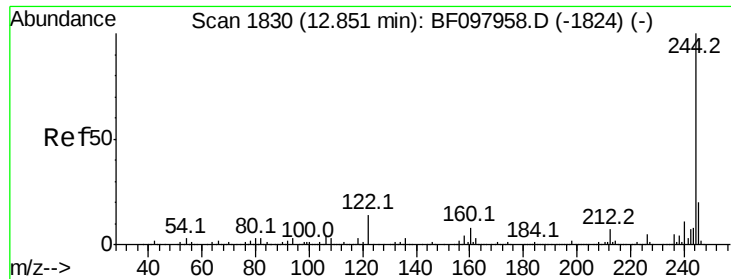
Delta R.T. -0.02 min

Lab File: BF097996.D

Acq: 23 Aug 2017 14:20

Tgt Ion:	202	Resp:	99113
Ion Ratio	Lower	Upper	
202	100		
200	20.7	17.6	26.4
203	17.4	14.4	21.6





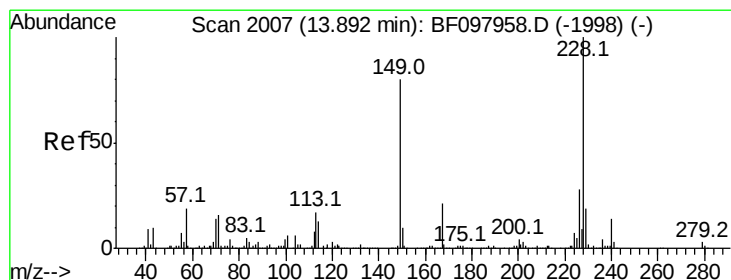
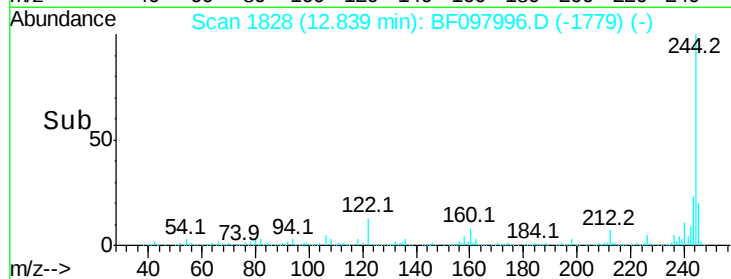
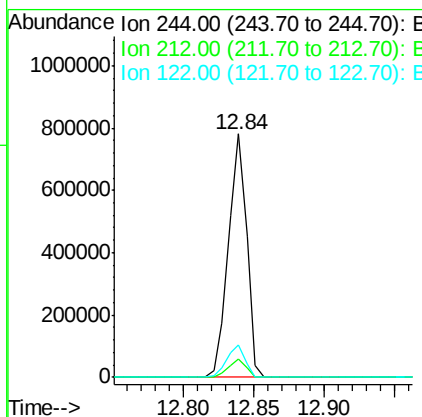
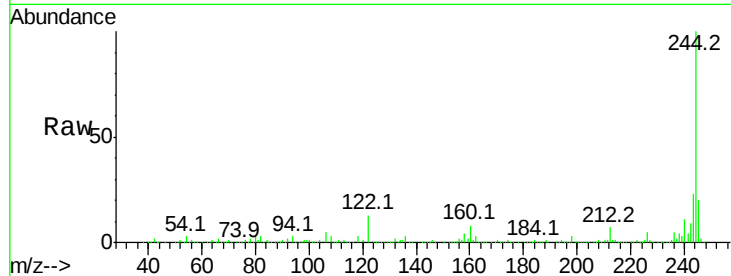
#78
 Terphenyl-d14
 Concen: 51.033 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF097996.D
 Acq: 23 Aug 2017 14:20

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	13.4	10.3	15.5

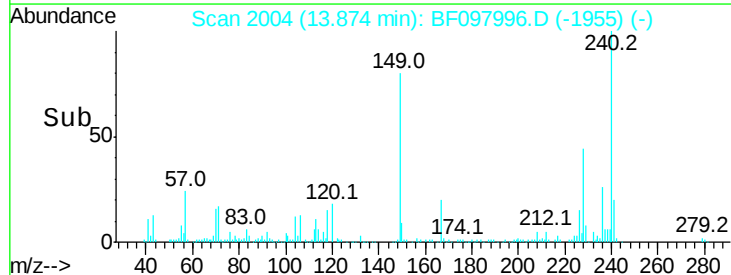
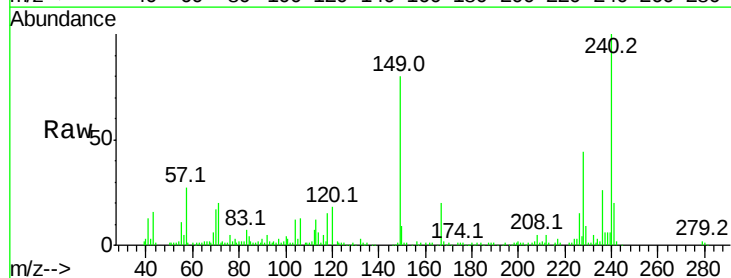
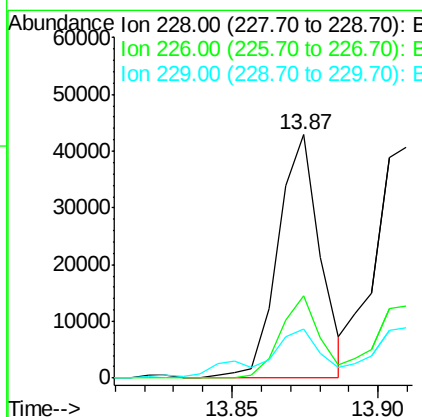
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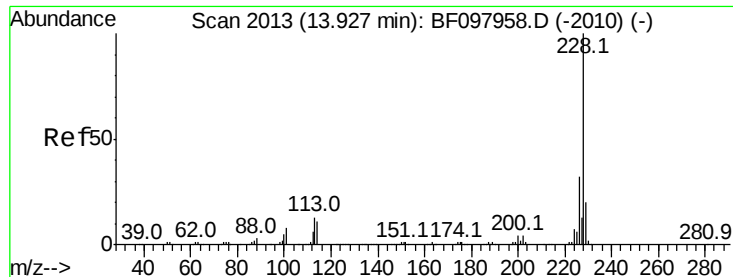
Sohil
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#80
 Benzo(a)anthracene
 Concen: 2.471 ng m
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BF097996.D
 Acq: 23 Aug 2017 14:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.0	22.6	33.8#
229	20.2	16.3	24.5





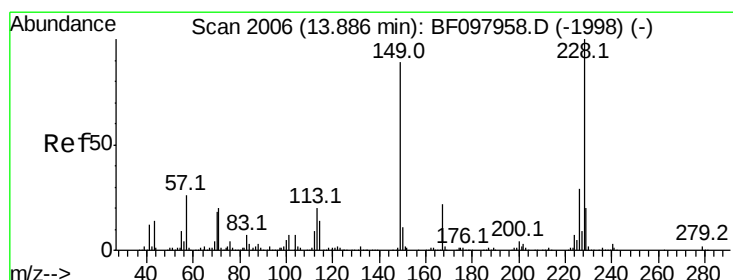
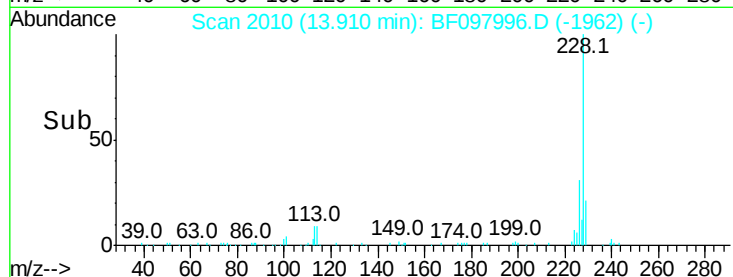
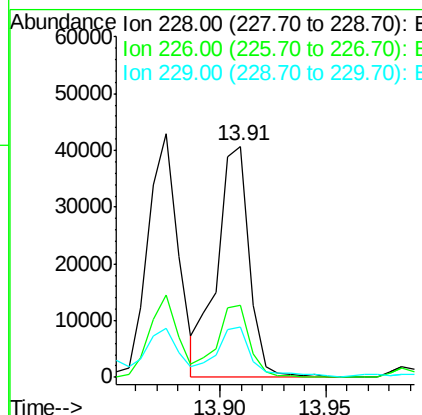
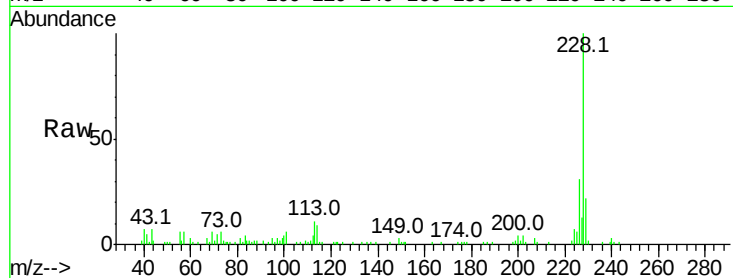
#82
 Chrvsene
 Concen: 2.519 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.02 min
 Lab File: BF097996.D
 Acq: 23 Aug 2017 14:20

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	21.9	15.8	23.6

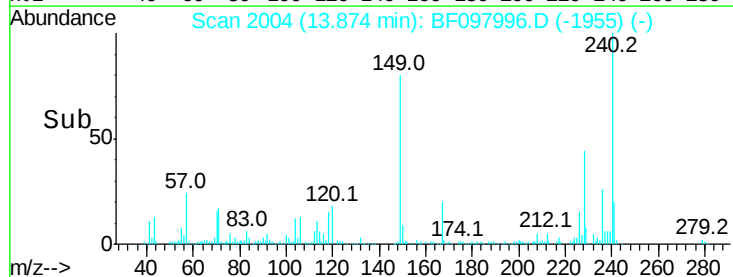
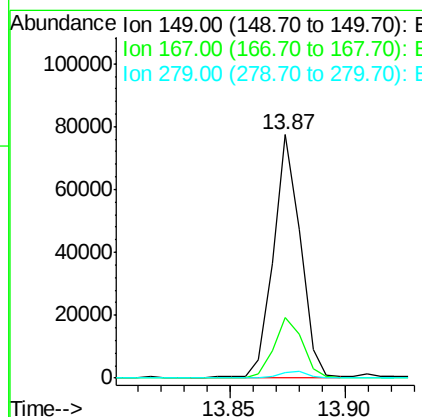
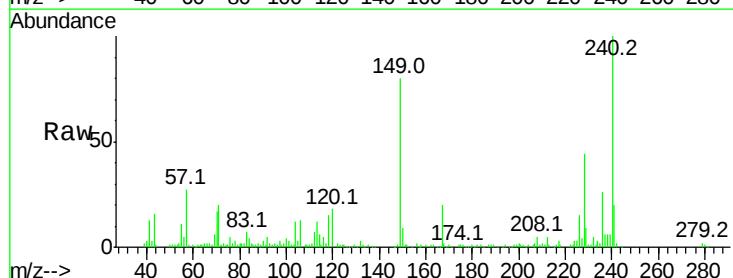
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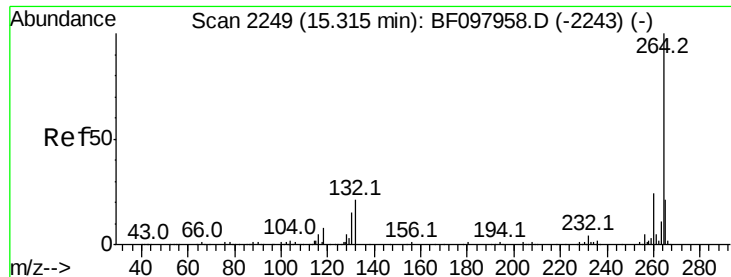
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 8/24/2017 4:59:50 PM



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 6.305 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BF097996.D
 Acq: 23 Aug 2017 14:20

Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.7	21.0	31.4
279	2.5	1.9	2.9





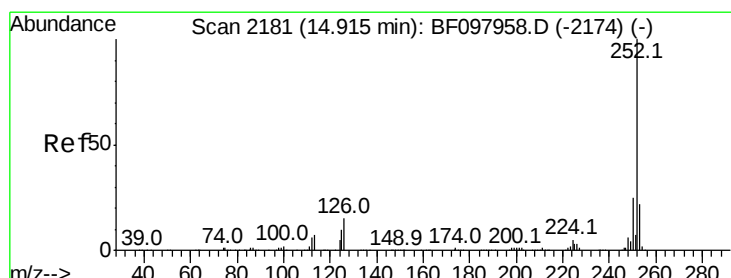
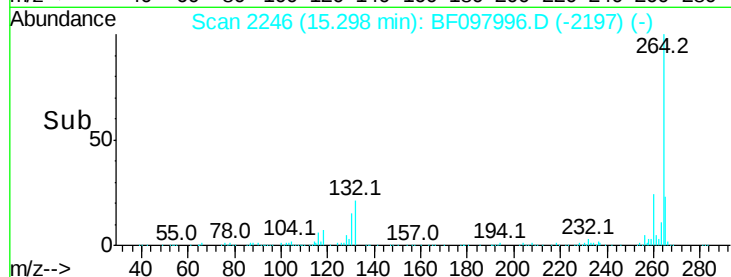
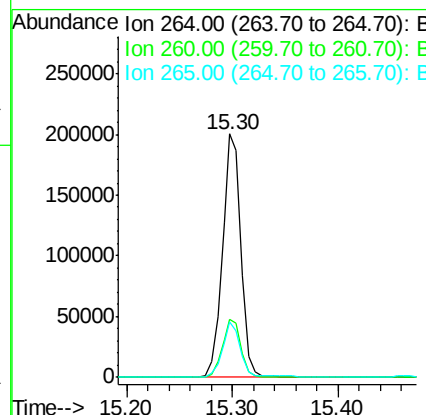
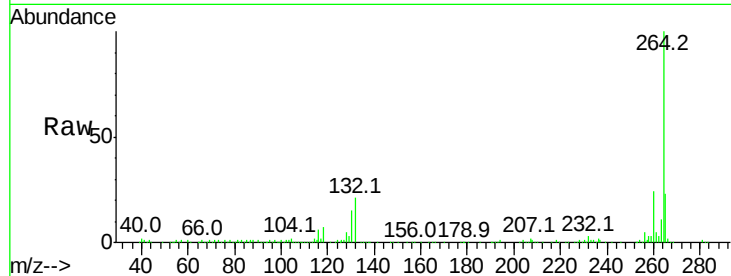
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BF097996.D
Acq: 23 Aug 2017 14:20

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	22.6	17.2	25.8

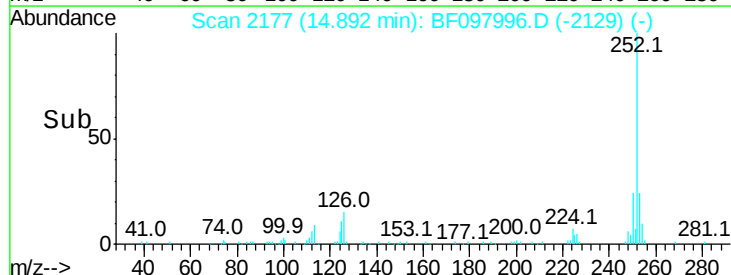
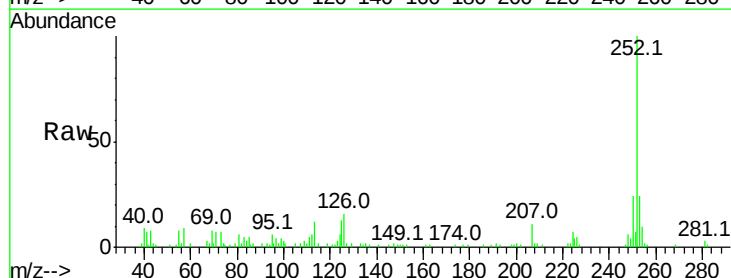
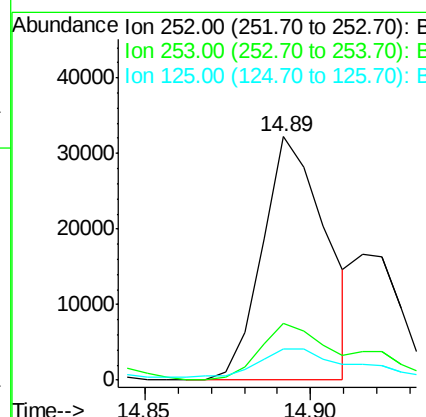
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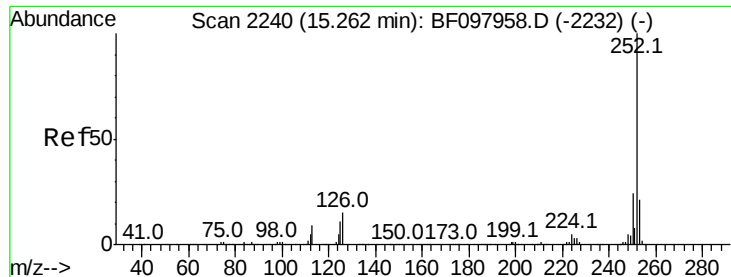
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#87
Benzo(b)fluoranthene
Concen: 2.782 ng m
RT: 14.89 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BF097996.D
Acq: 23 Aug 2017 14:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	12.7	9.8	14.8





#89

Benzo(a)pyrene

Concen: 2.304 ng

RT: 15.24 min Scan# 2236

Delta R.T. -0.02 min

Lab File: BF097996.D

Acq: 23 Aug 2017 14:20

Instrument :

BNA_F

ClientSampleId :

TEC-BE1-3-12-COMP

Tot Ion:	252	Resp:	31470
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.5	26.3
125	13.8	11.0	16.4

Manual Integrations
APPROVED

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