

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
 Data File : BF097722.D
 Acq On : 16 Aug 2017 6:23
 Operator : SJ/JU
 Sample : I4751-12
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-25-COMP

Manual Integrations
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Sohil
 8/16/2017 6:45:41 PM

Quant Time: Aug 16 08:15:54 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	6.79	152	129747	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	495625	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	195317	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	301662	20.00	ng	0.00
75) Chrysene-d12	13.94	240	280370	20.00	ng	0.00
86) Perylene-d12	15.37	264	224840	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	589647	69.13	ng	0.00
7) Phenol-d6	6.41	99	795044	68.60	ng	0.00
23) Nitrobenzene-d5	7.35	82	472195	51.76	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	96010	56.65	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	631818	47.53	ng	0.00
78) Terphenyl-d14	12.89	244	390495	29.04	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.54	163	109766	7.688	ng	97
70) Phenanthrene	11.33	178	46816	2.912	ng	98
74) Fluoranthene	12.51	202	58835	3.507	ng	98
77) Pyrene	12.74	202	59245	2.584	ng	96
80) Benzo(a)anthracene	13.93	228	34932m	2.079	ng	
82) Chrysene	13.96	228	38633	2.311	ng	98
85) Indeno(1,2,3-cd)pyrene	16.76	276	24691	2.008	ng	94
87) Benzo(b)fluoranthene	14.96	252	58871m	4.154	ng	
89) Benzo(a)pyrene	15.30	252	35466	2.827	ng	# 93
91) Benzo(g,h,i)perylene	17.17	276	26170	2.455	ng	93

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

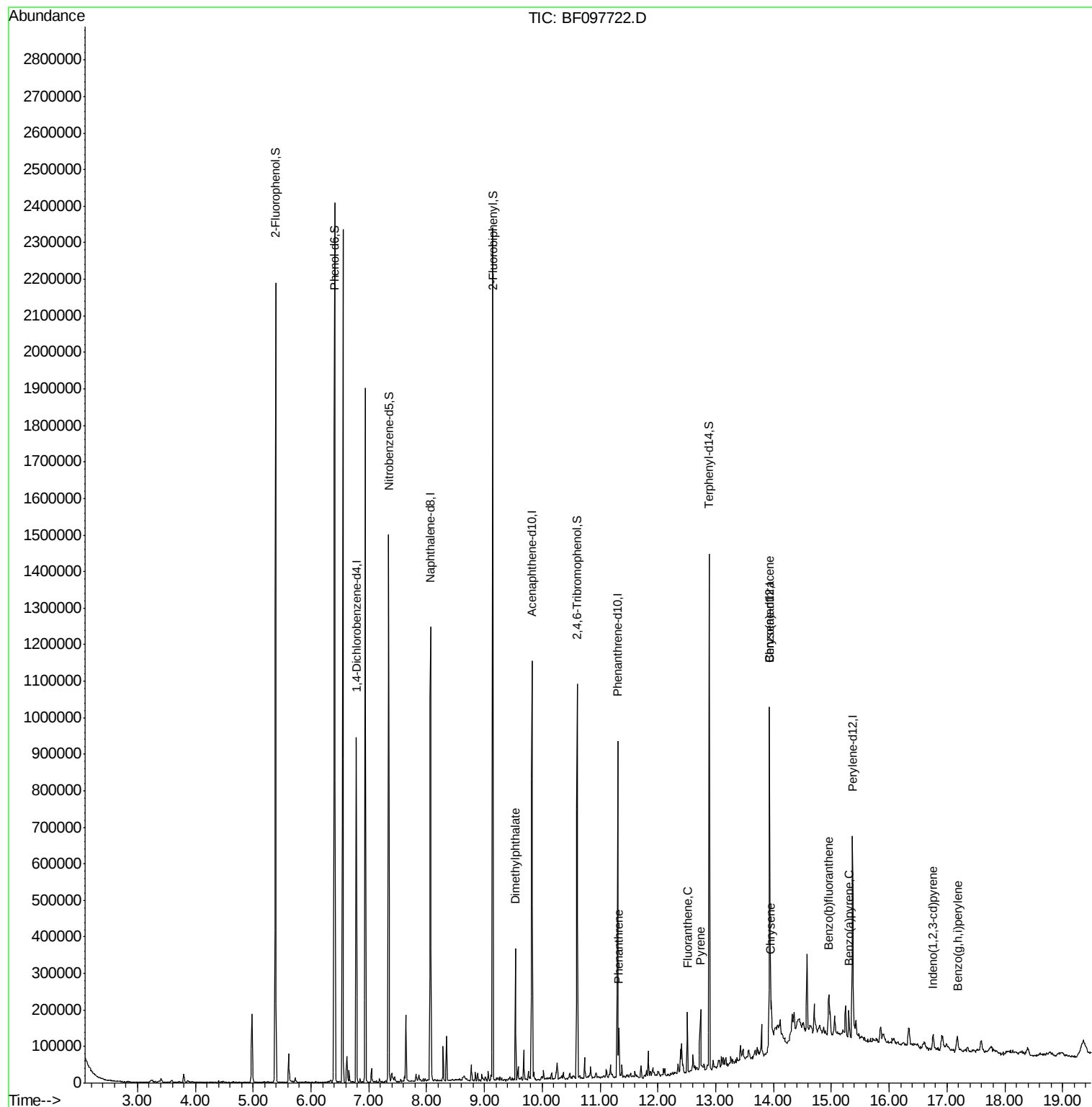
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
Data File : BF097722.D
Acq On : 16 Aug 2017 6:23
Operator : SJ/JU
Sample : I4751-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

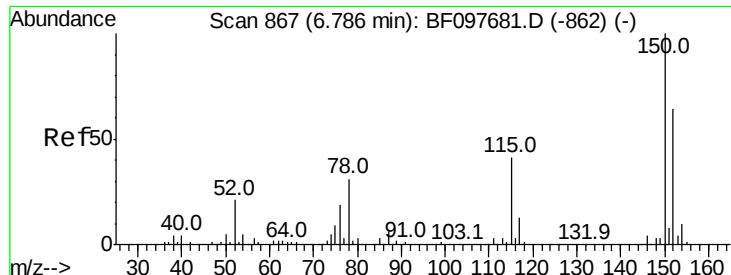
Instrument :
BNA_F
ClientSampleID :
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#1

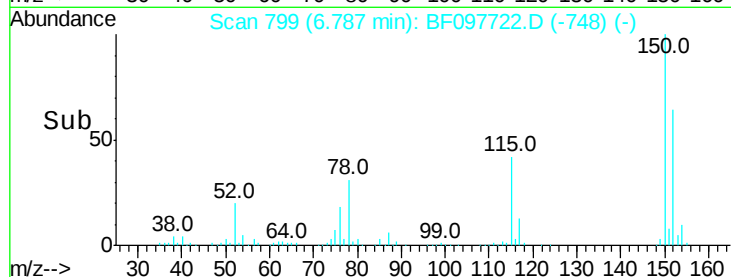
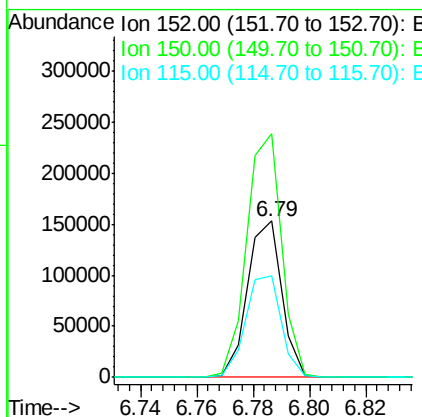
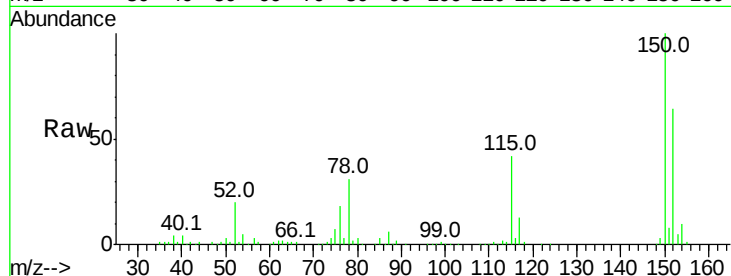
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF097722.D
Acq: 16 Aug 2017 6:23

Instrument :
BNA_F
ClientSampleId :
SB-25-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.2	189.2
115	65.4	52.2	78.2

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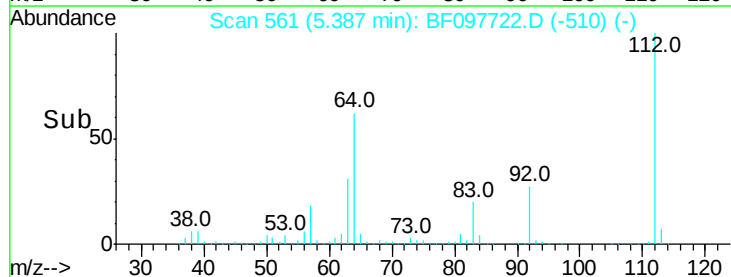
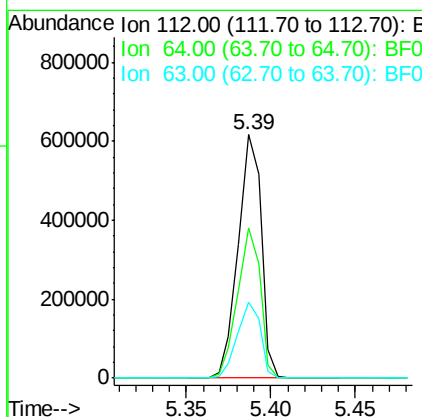
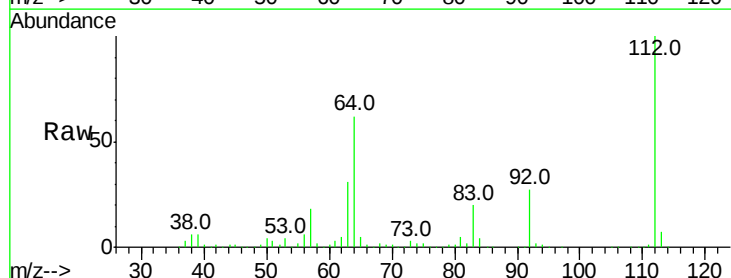
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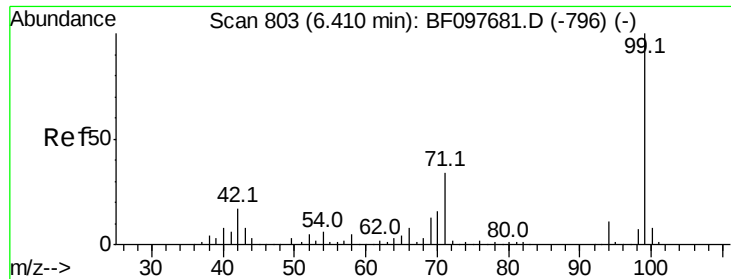


#5

2-Fluorophenol
Concen: 69.127 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF097722.D
Acq: 16 Aug 2017 6:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.8	46.0	69.0
63	31.2	23.4	35.0





#7

Phenol-d6

Concen: 68.599 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097722.D

Acq: 16 Aug 2017 6:23

Instrument :

BNA_F

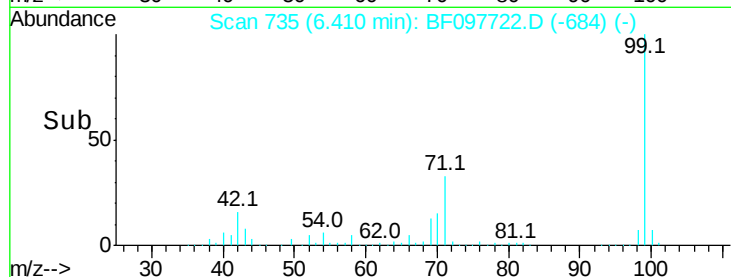
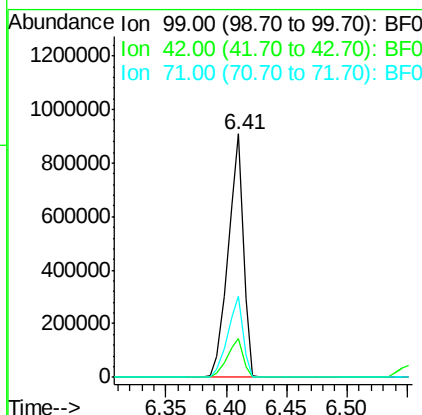
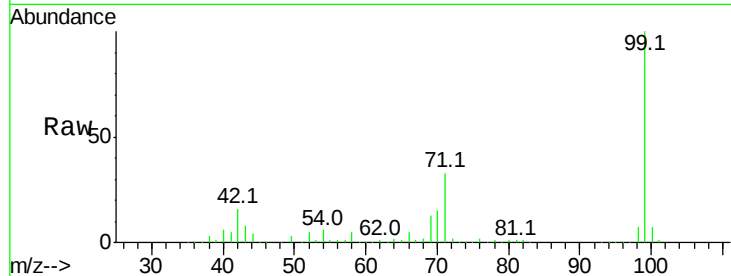
ClientSampleId :

SB-25-COMP

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		795044		
42	15.8	13.5	20.3		
71	33.1	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.000 ng

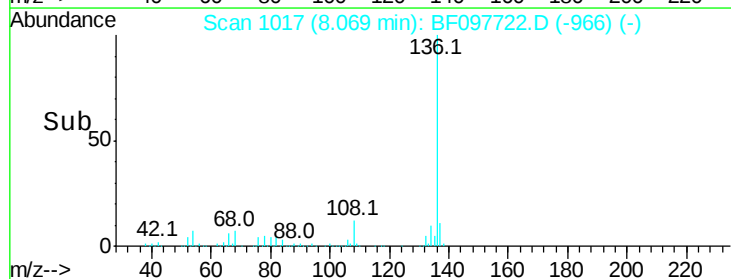
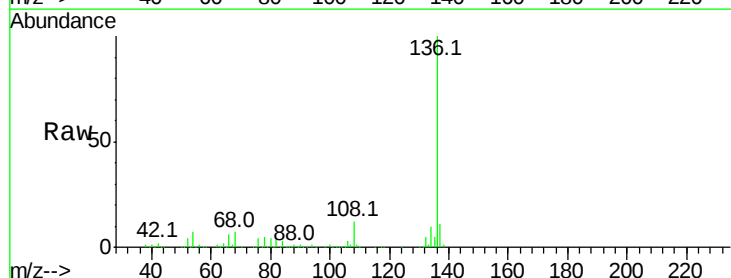
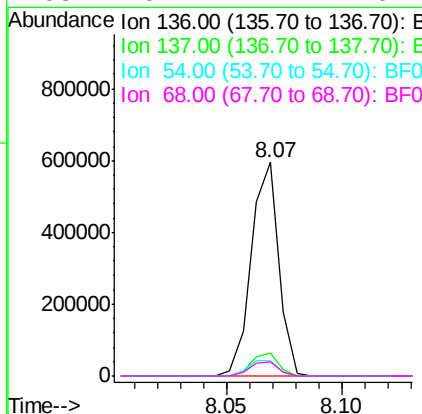
RT: 8.07 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF097722.D

Acq: 16 Aug 2017 6:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		495625		
137	10.9	8.5	12.7		
54	7.3	4.9	7.3		
68	6.7	4.1	6.1#		





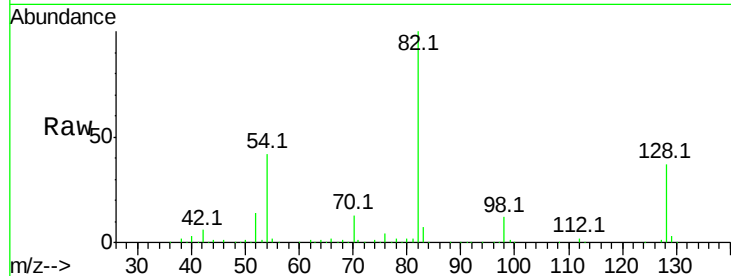
#23
Nitrobenzene-d5
Concen: 51.756 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF097722.D
Acq: 16 Aug 2017 6:23

Instrument :
BNA_F
ClientSampleId :
SB-25-COMP

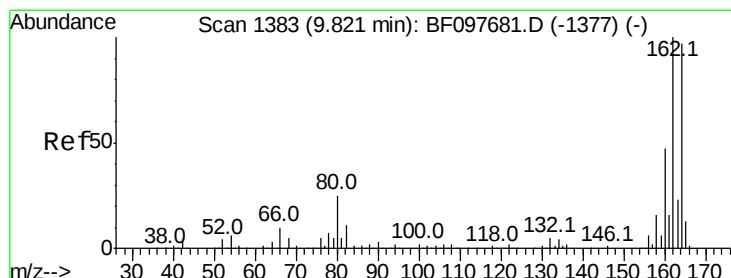
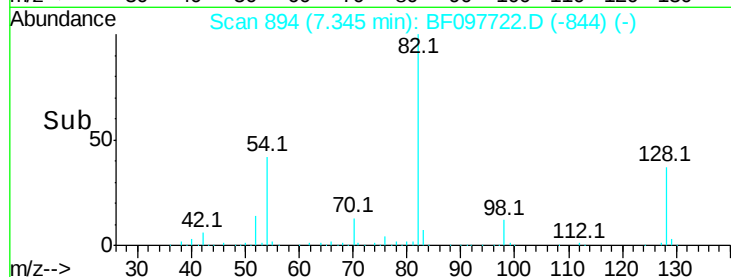
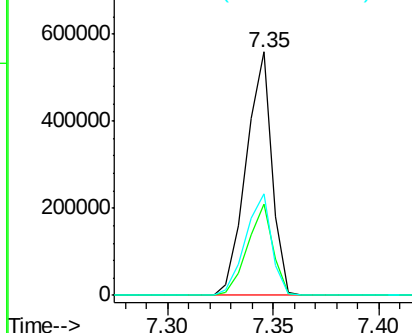
Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	37.2	34.0	51.0
54	41.6	42.2	63.2#

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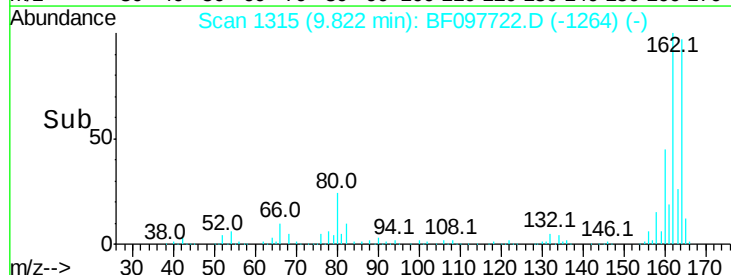
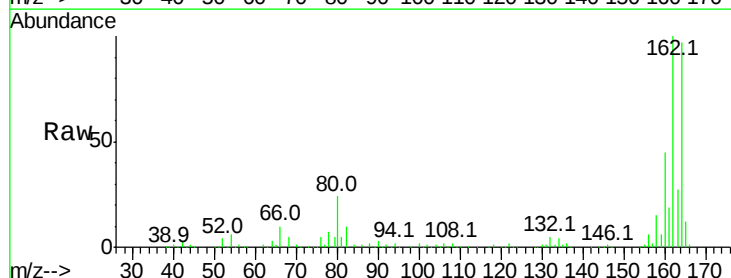
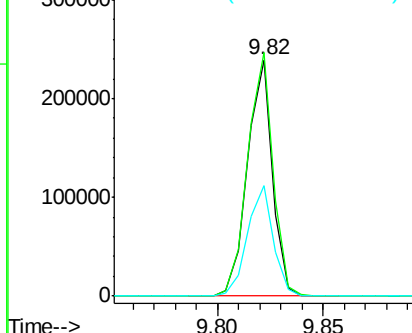
Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF097722.D
Acq: 16 Aug 2017 6:23

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
162	103.1	82.6	123.8
160	46.9	36.2	54.2

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





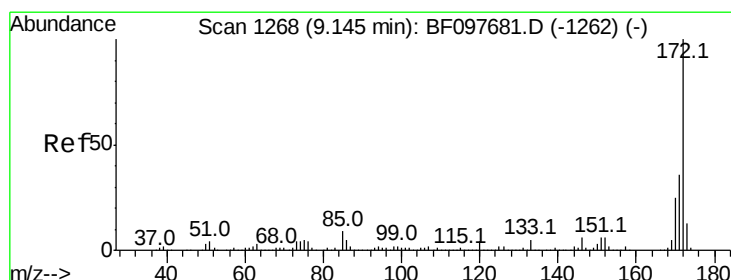
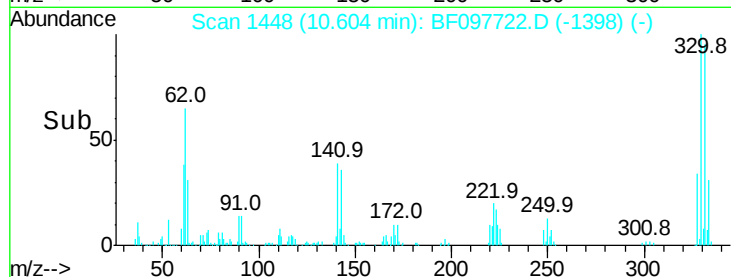
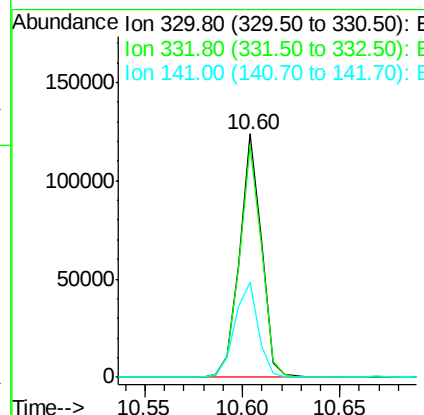
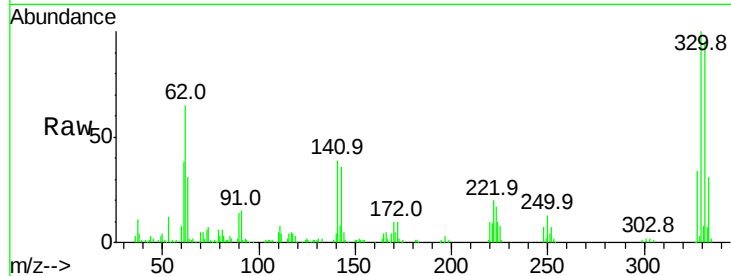
#41
 2,4,6-Tribromophenol
 Concen: 56.653 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF097722.D
 Acq: 16 Aug 2017 6:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-25-COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.6	76.6	115.0	
141	41.8	31.4	47.2	

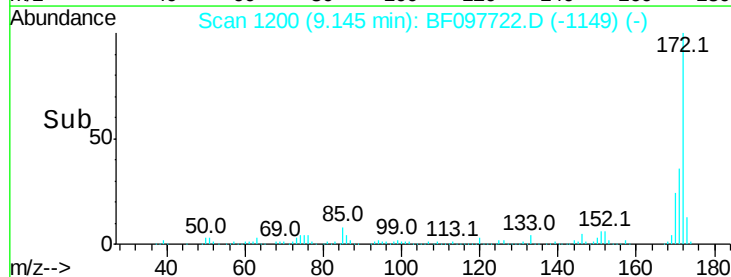
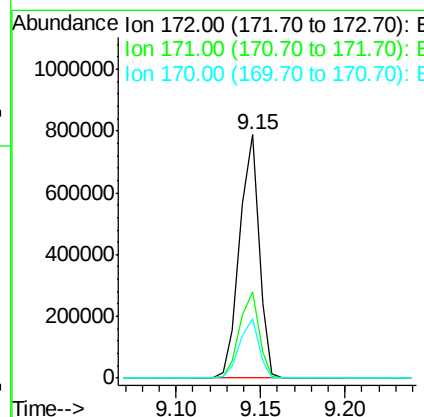
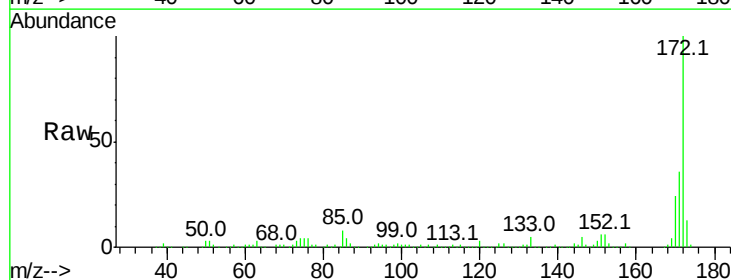
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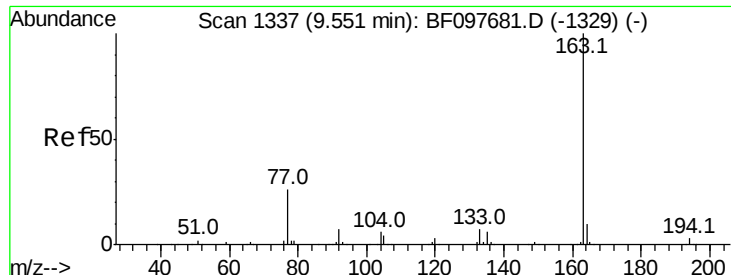
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#44
 2-Fluorobiphenyl
 Concen: 47.526 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF097722.D
 Acq: 16 Aug 2017 6:23

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.6	29.6	44.4	
170	24.1	19.8	29.8	





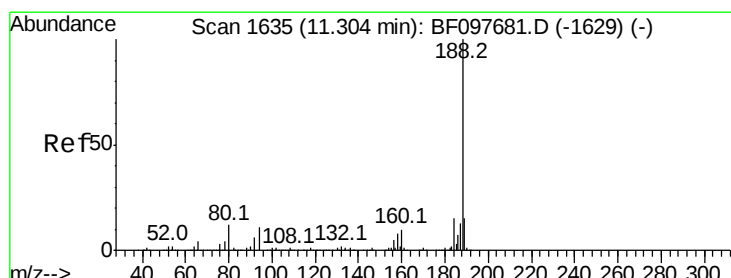
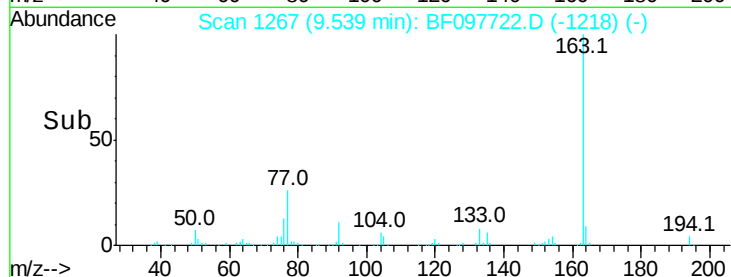
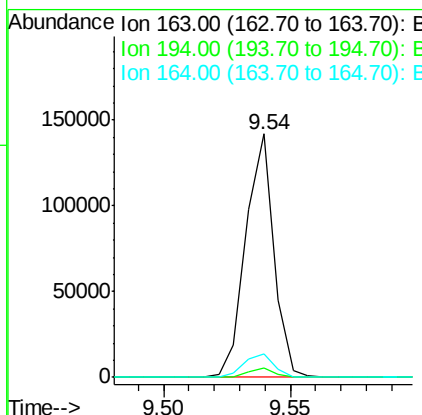
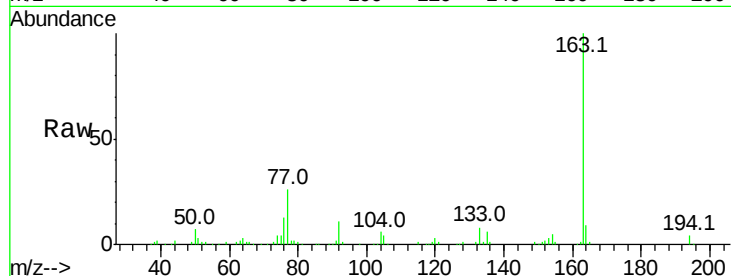
#49
 Dimethylphthalate
 Concen: 7.688 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF097722.D
 Acq: 16 Aug 2017 6:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-25-COMP

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.9	2.6	4.0
164	9.5	8.4	12.6

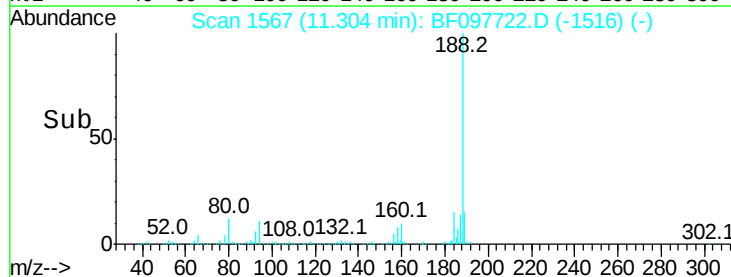
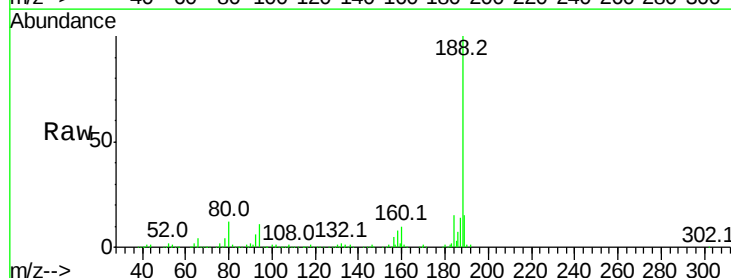
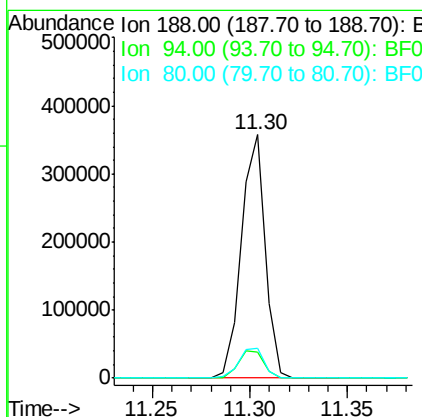
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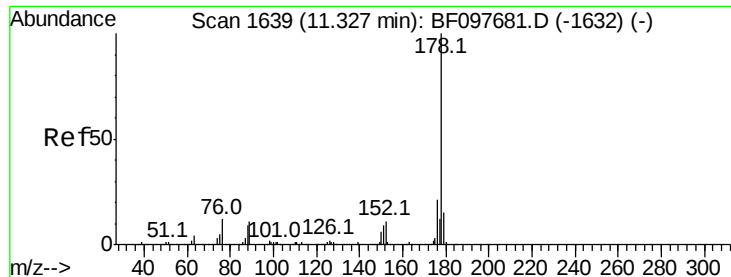
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: BF097722.D
 Acq: 16 Aug 2017 6:23

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	10.7	9.4	14.2
80	12.0	10.2	15.2





#70

Phenanthrene

Concen: 2.912 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BF097722.D

Acq: 16 Aug 2017 6:23

Instrument :

BNA_F

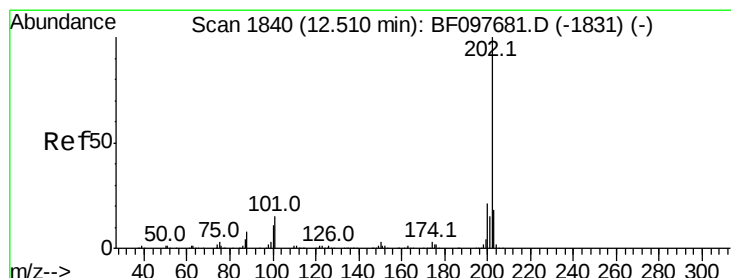
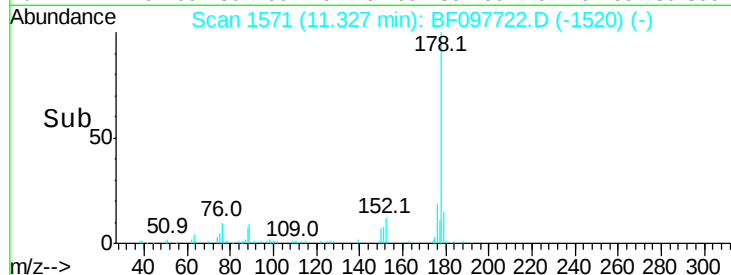
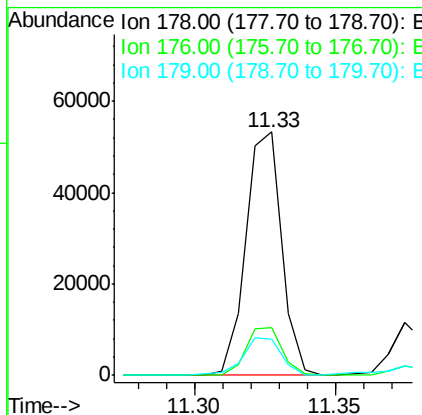
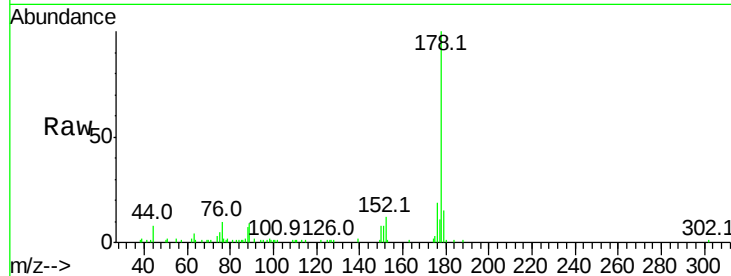
ClientSampleId :

SB-25-COMP

Tot Ion:	178	Resp:	46816
Ion Ratio	Lower	Upper	
178	100		
176	19.4	16.2	24.4
179	15.0	12.6	19.0

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#74

Fluoranthene

Concen: 3.507 ng

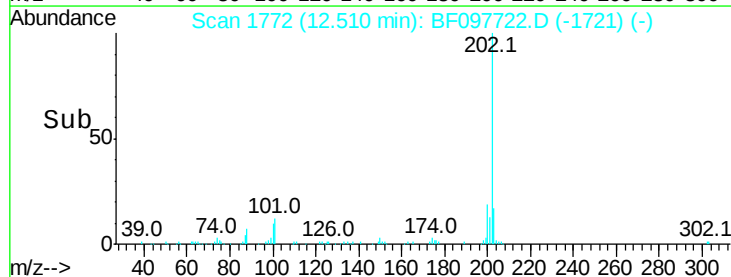
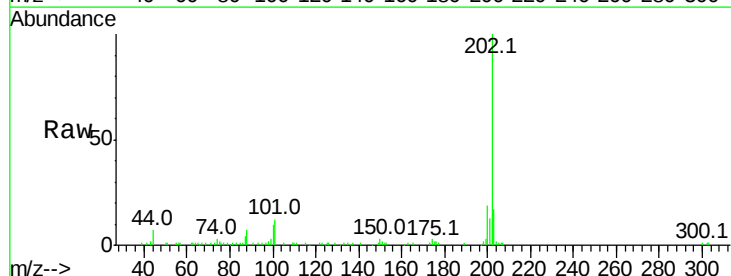
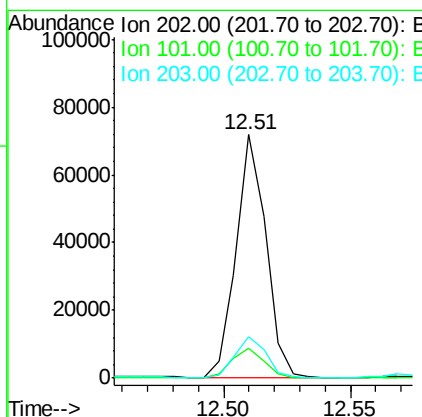
RT: 12.51 min Scan# 1772

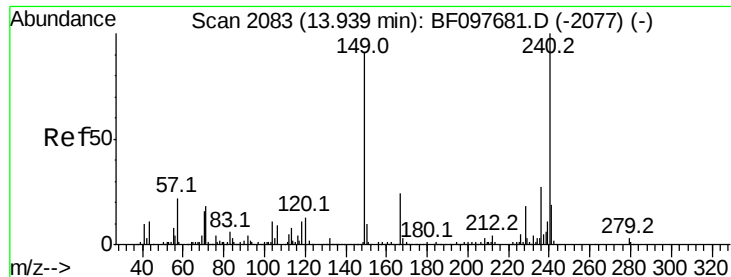
Delta R.T. 0.00 min

Lab File: BF097722.D

Acq: 16 Aug 2017 6:23

Tgt Ion:	202	Resp:	58835
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	33.2
203	17.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BF097722.D

Acq: 16 Aug 2017 6:23

Instrument :

BNA_F

ClientSampleId :

SB-25-COMP

Tot Ion:240 Resp: 280370
Ion Ratio Lower Upper

240 100

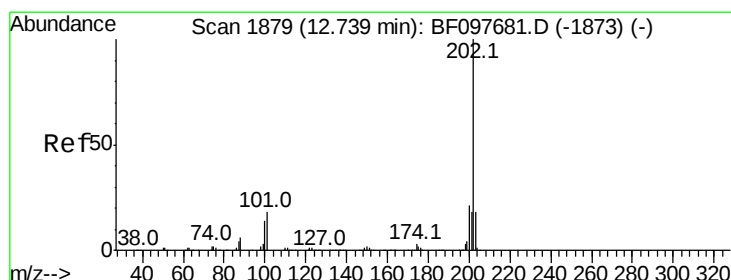
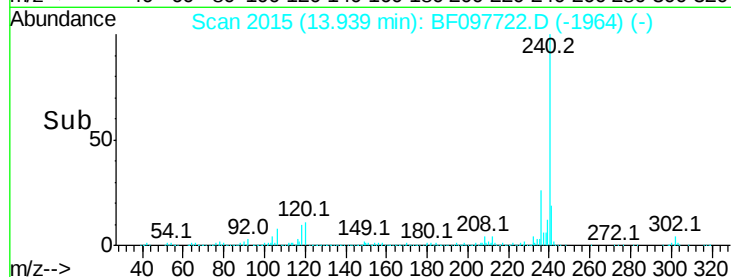
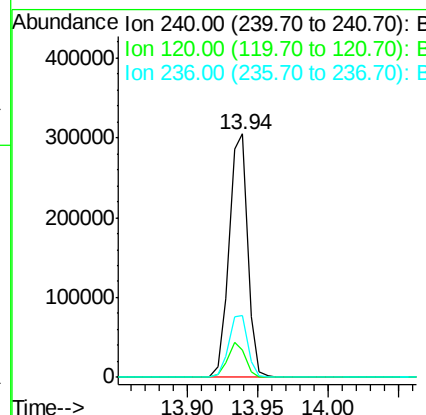
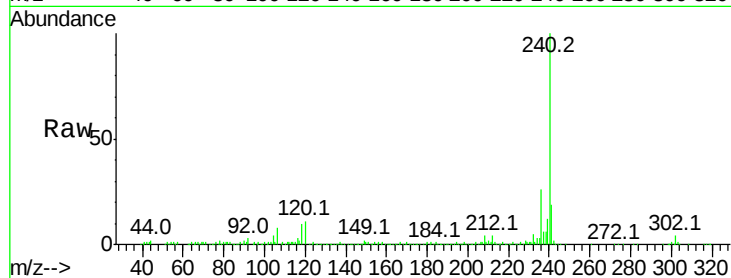
120 11.3 5.8 8.8#

236 25.6 20.5 30.7

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#77

Pyrene

Concen: 2.584 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BF097722.D

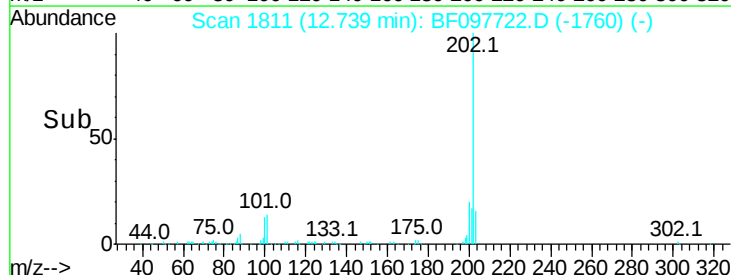
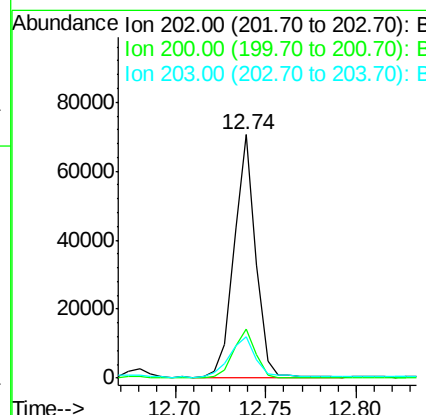
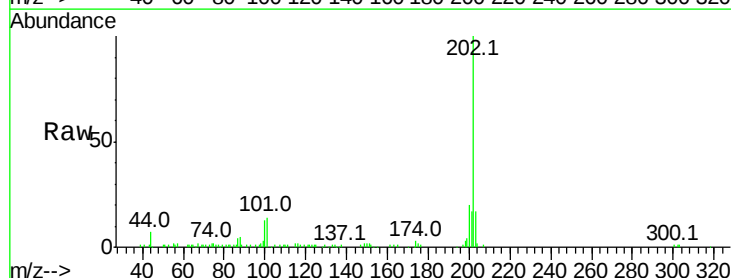
Acq: 16 Aug 2017 6:23

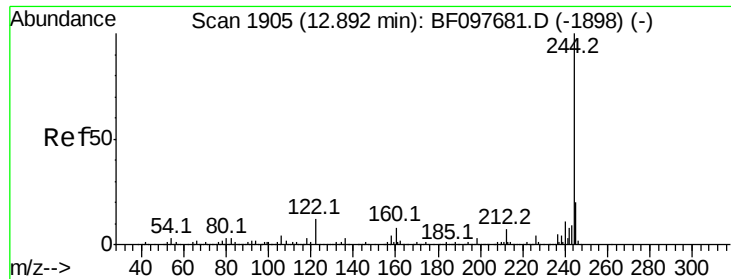
Tgt Ion:202 Resp: 59245
Ion Ratio Lower Upper

202 100

200 19.9 17.6 26.4

203 16.8 14.4 21.6





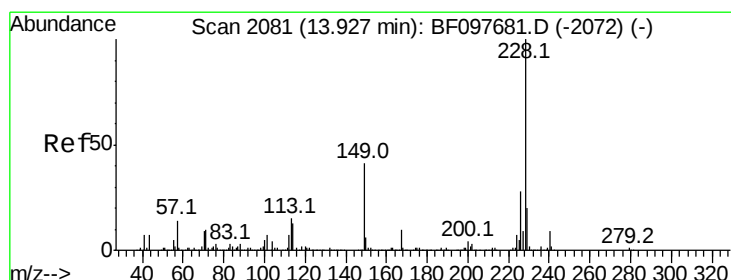
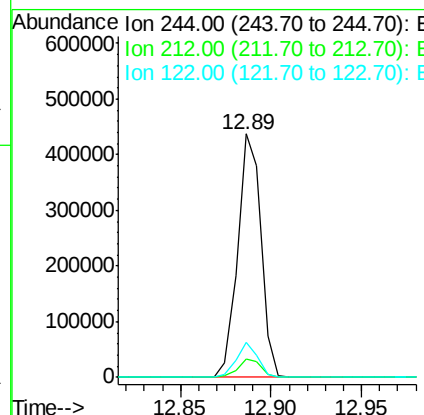
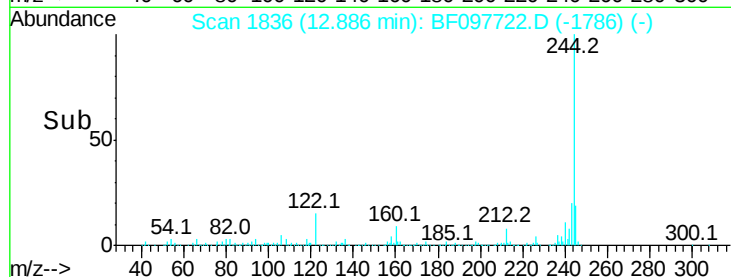
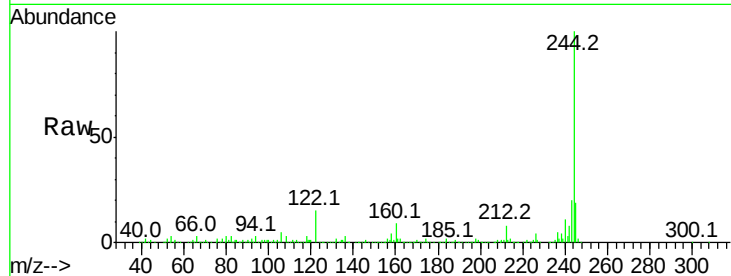
#78
 Terphenyl-d14
 Concen: 29.044 ng
 RT: 12.89 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BF097722.D
 Acq: 16 Aug 2017 6:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-25-COMP

Tot Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.7	6.0	9.0
122	14.6	10.3	15.5

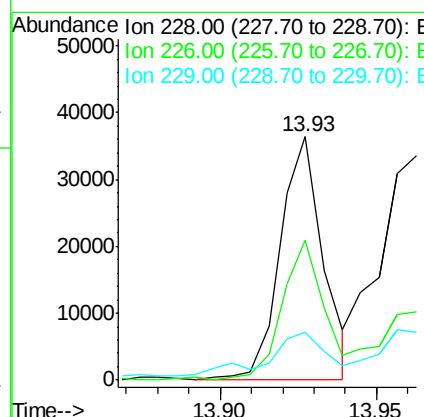
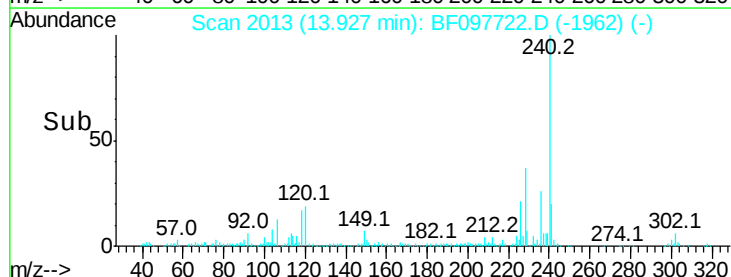
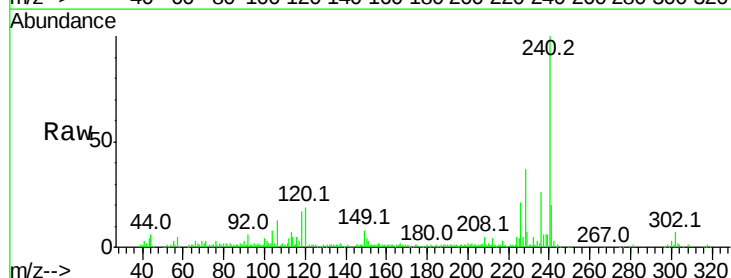
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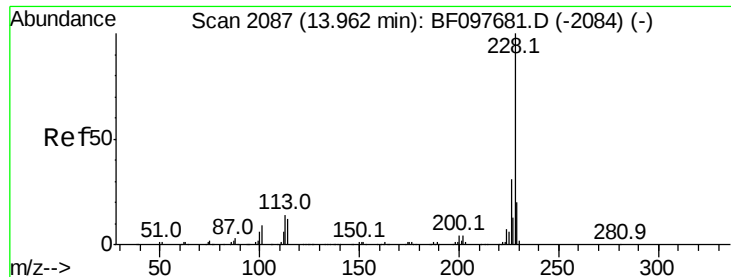
Sohil
 8/16/2017 6:45:41 PM



#80
 Benzo(a)anthracene
 Concen: 2.079 ng m
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.00 min
 Lab File: BF097722.D
 Acq: 16 Aug 2017 6:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	57.4	22.6	33.8#
229	19.6	16.3	24.5





#82

Chrysene

Concen: 2.311 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF097722.D

Acq: 16 Aug 2017 6:23

Instrument :

BNA_F

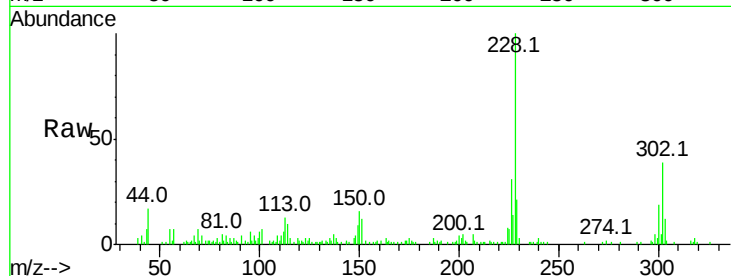
ClientSampleId :

SB-25-COMP

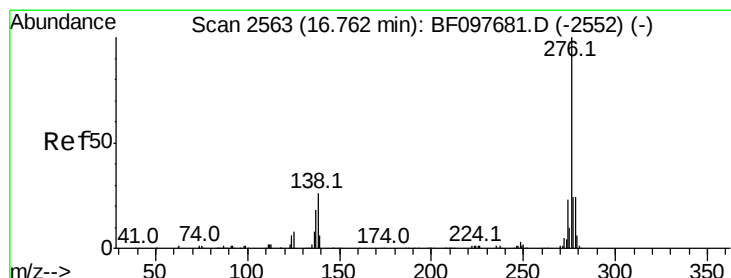
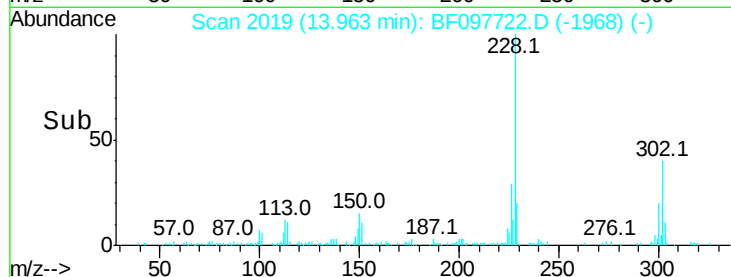
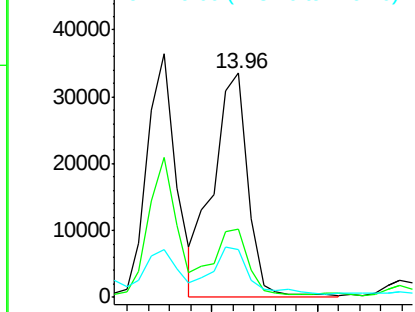
Tot Ion:	228	Resp:	38633
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.9	37.3
229	21.3	15.8	23.6

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 2.008 ng

RT: 16.76 min Scan# 2495

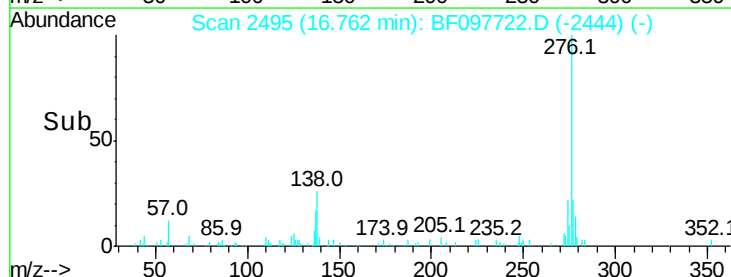
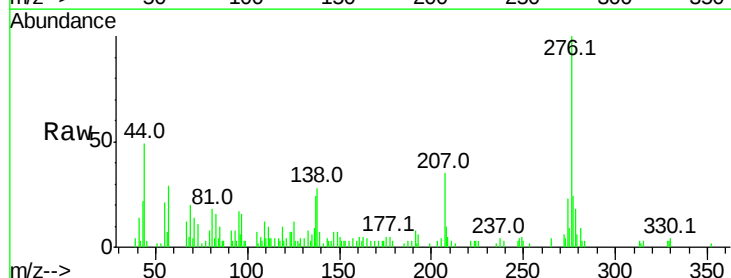
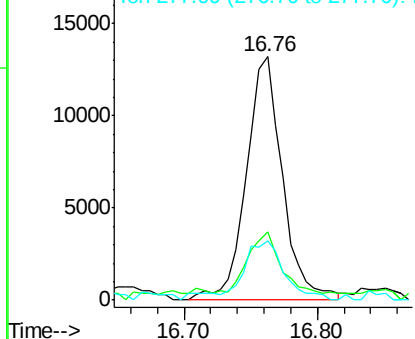
Delta R.T. 0.00 min

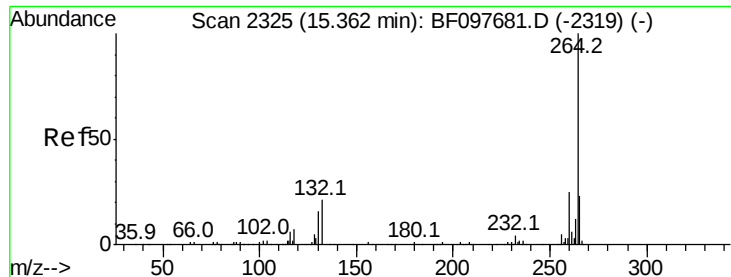
Lab File: BF097722.D

Acq: 16 Aug 2017 6:23

Tgt Ion:	276	Resp:	24691
Ion Ratio	Lower	Upper	
276	100		
138	31.7	27.8	41.6
277	29.0	20.2	30.4

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





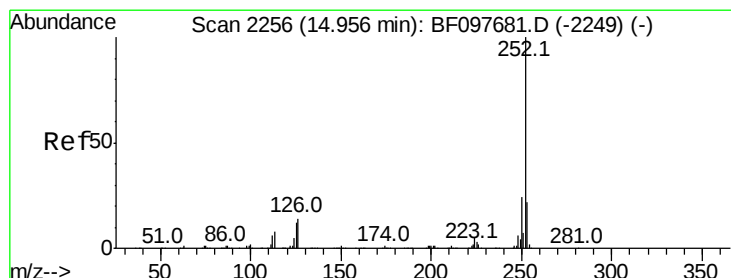
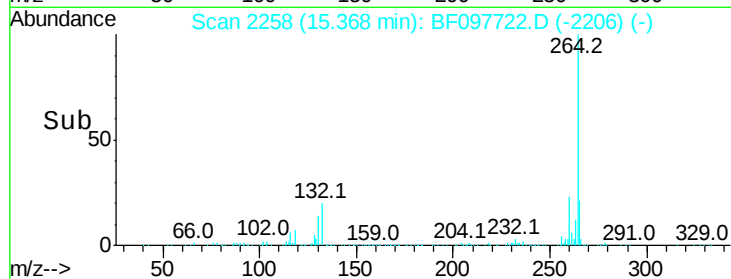
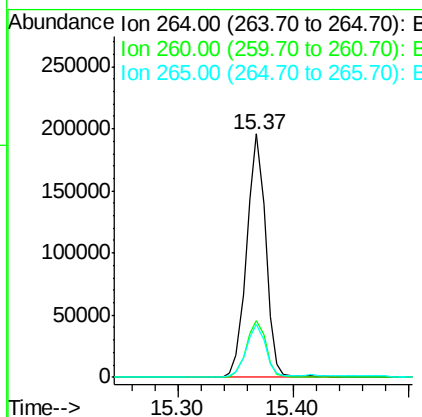
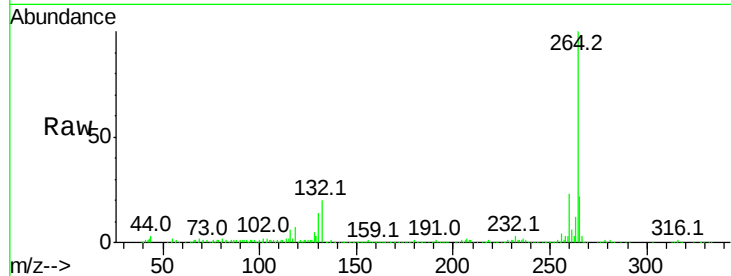
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF097722.D
Acq: 16 Aug 2017 6:23

Instrument :
BNA_F
ClientSampleId :
SB-25-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.6	17.2	25.8

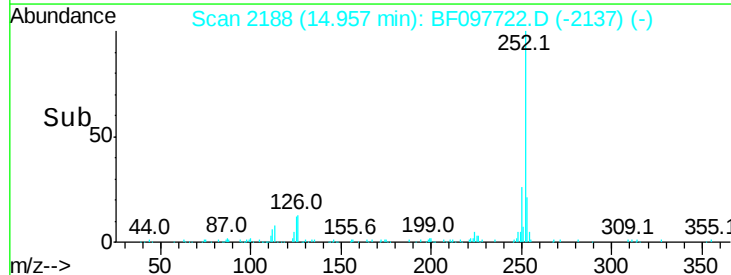
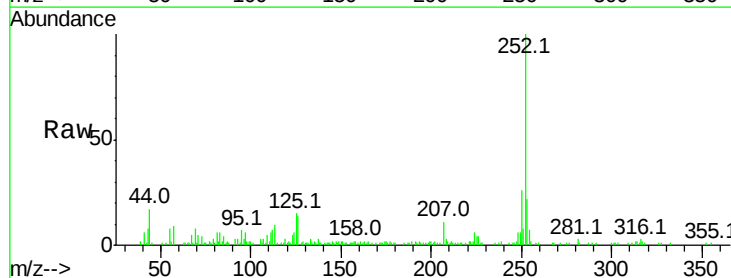
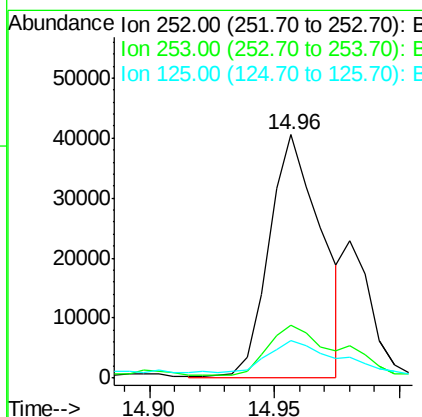
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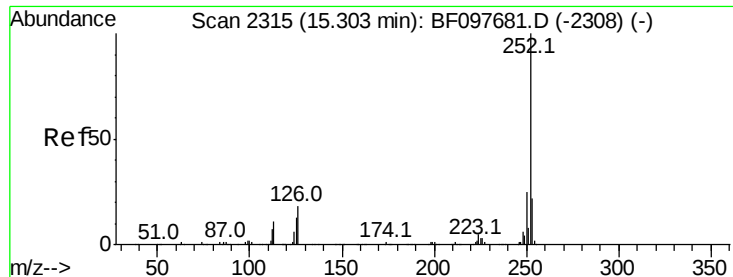
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#87
Benzo(b)fluoranthene
Concen: 4.154 ng m
RT: 14.96 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BF097722.D
Acq: 16 Aug 2017 6:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	15.3	9.8	14.8#





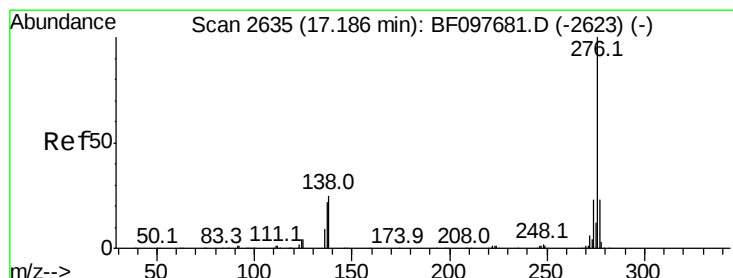
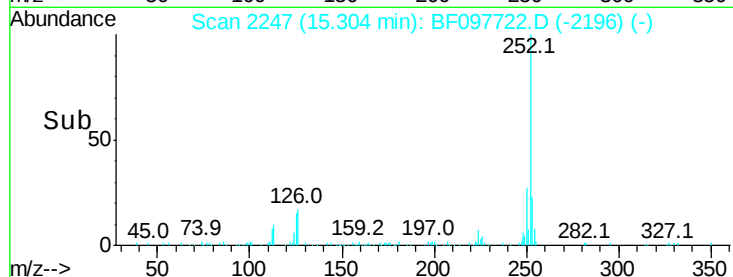
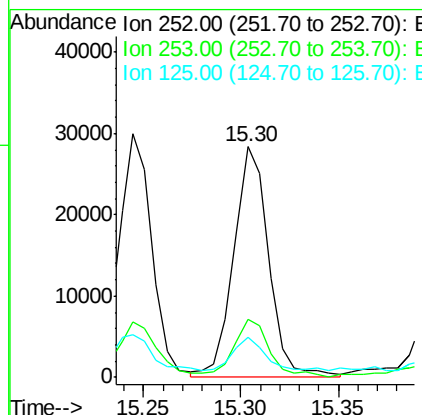
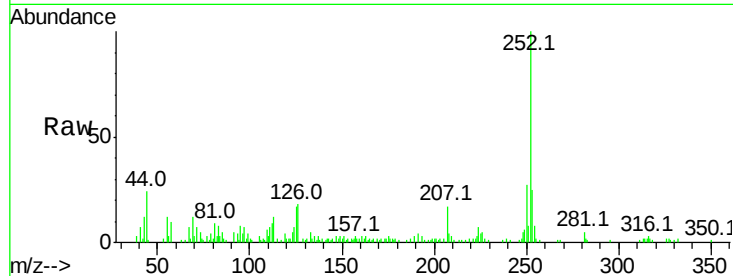
#89
Benzo(a)pyrene
Concen: 2.827 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.00 min
Lab File: BF097722.D
Acq: 16 Aug 2017 6:23

Instrument :
BNA_F
ClientSampleId :
SB-25-COMP

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.9	17.5	26.3
125	17.3	11.0	16.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.455 ng
RT: 17.17 min Scan# 2565
Delta R.T. -0.01 min
Lab File: BF097722.D
Acq: 16 Aug 2017 6:23

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	25.9	18.6	28.0
138	27.1	25.4	38.0

