

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
 Data File : BF097643.D
 Acq On : 12 Aug 2017 19:48
 Operator : SJ/JU
 Sample : I4705-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-B-COMP

Manual Integrations
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Quant Time: Aug 14 06:48:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 15:55:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	114335	20.00	ng	-0.01
21) Naphthalene-d8	9.53	136	481421	20.00	ng	-0.01
38) Acenaphthene-d10	12.35	164	173135	20.00	ng	-0.02
63) Phenanthrene-d10	14.74	188	254589	20.00	ng	-0.02
75) Chrysene-d12	18.44	240	181675	20.00	ng	-0.02
86) Perylene-d12	20.12	264	174680	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	636728	88.52	ng	0.01
7) Phenol-d6	7.06	99	828096	92.80	ng	0.00
23) Nitrobenzene-d5	8.41	82	463596	60.38	ng	-0.01
41) 2,4,6-Tribromophenol	13.64	330	127227	96.67	ng	-0.02
44) 2-Fluorobiphenyl	11.30	172	779662	67.96	ng	-0.02
78) Terphenyl-d14	17.10	244	443094	50.48	ng	-0.02
Target Compounds						
49) Dimethylphthalate	11.99	163	204375	15.317	ng	Qvalue 98
74) Fluoranthene	16.56	202	29651	2.238	ng	95
82) Chrysene	18.46	228	23612	2.237	ng	# 89
85) Indeno(1,2,3-cd)pyrene	21.34	276	24496	2.984	ng	93
87) Benzo(b)fluoranthene	19.71	252	83908m	7.999	ng	
89) Benzo(a)pyrene	20.06	252	46522	4.832	ng	# 96
91) Benzo(g,h,i)perylene	21.69	276	20290	2.683	ng	94

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

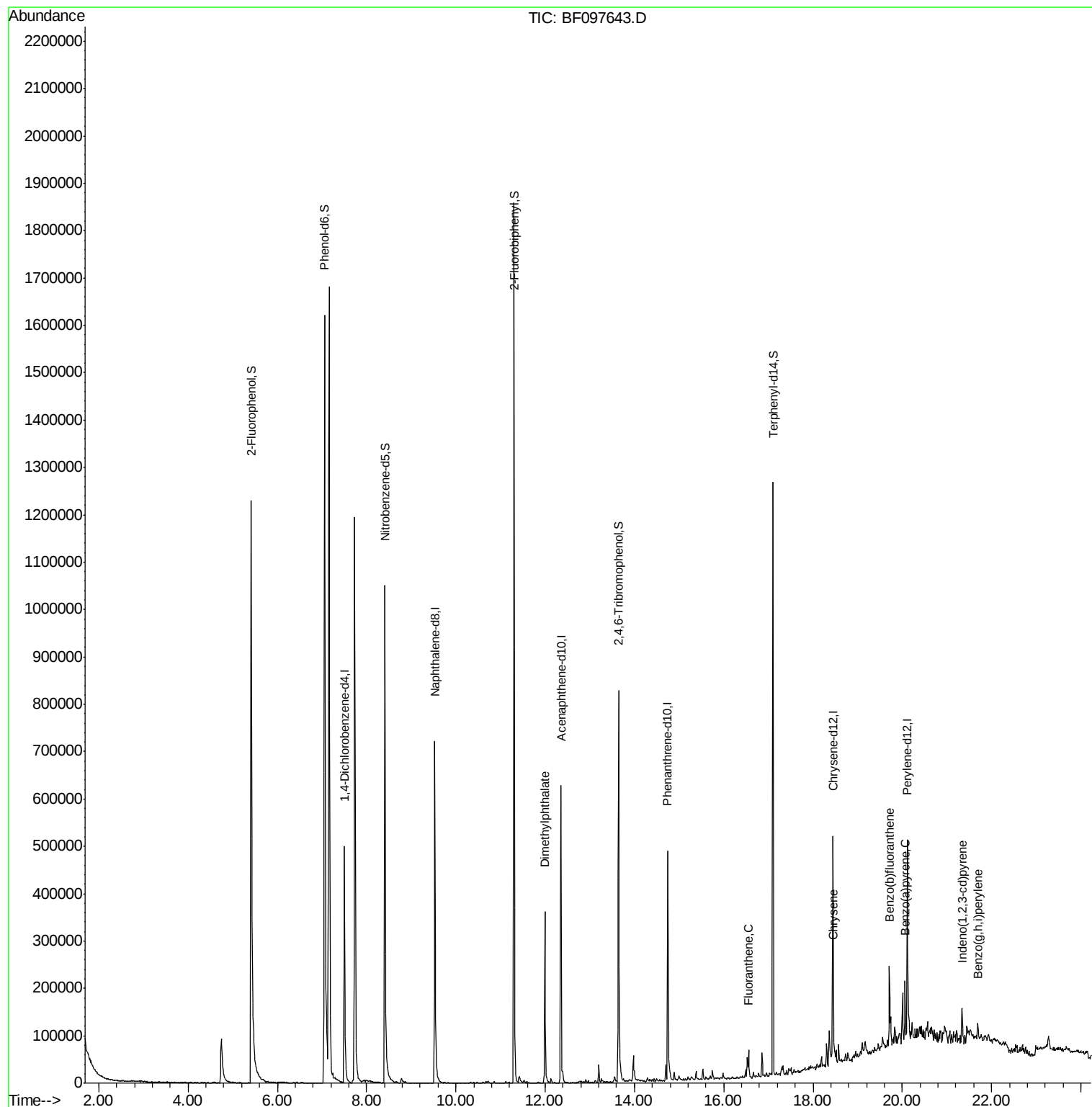
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
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Acq On : 12 Aug 2017 19:48
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ALS Vial : 12 Sample Multiplier: 1

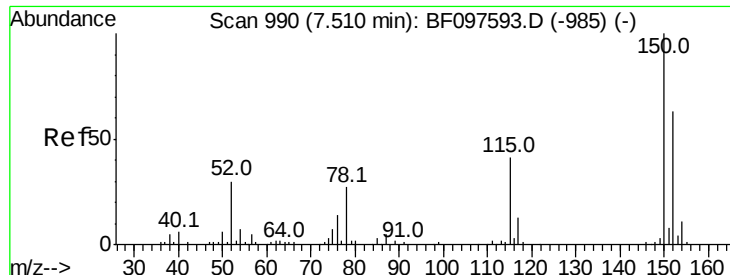
Instrument :
BNA_F
ClientSampleId :
SP-B-COMP

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Quant Time: Aug 14 06:48:01 2017
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#1

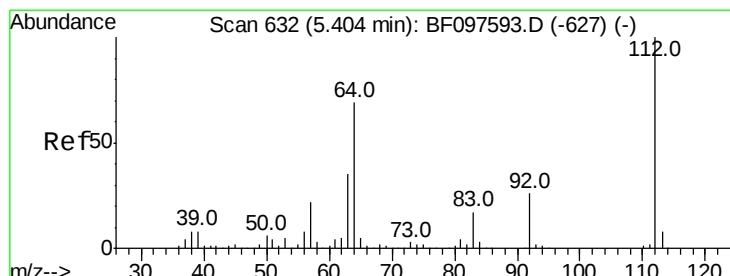
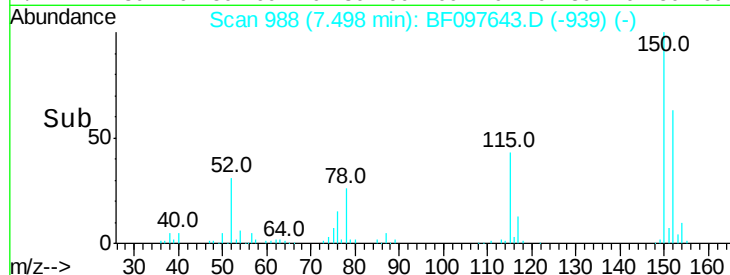
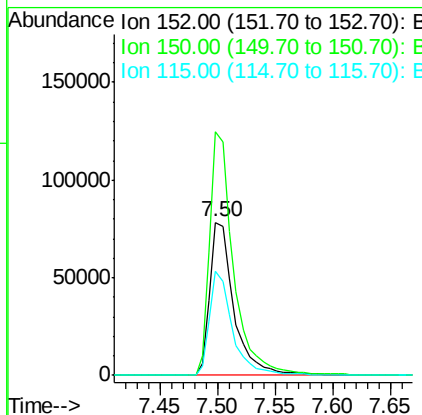
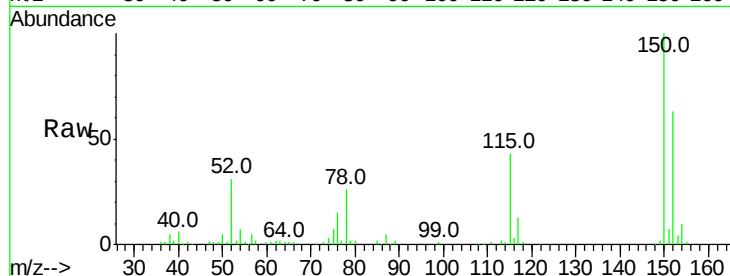
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF097643.D
Acq: 12 Aug 2017 19:48

Instrument :
BNA_F
ClientSampleId :
SP-B-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	126.2	189.2
115	67.6	52.2	78.2

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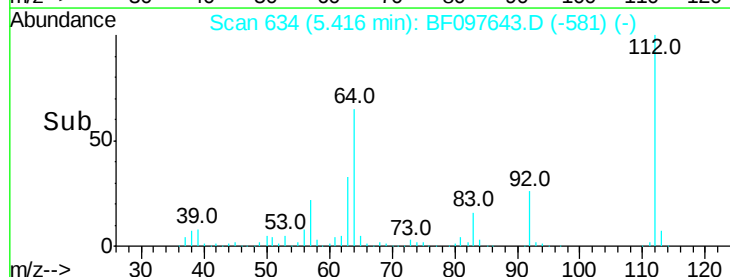
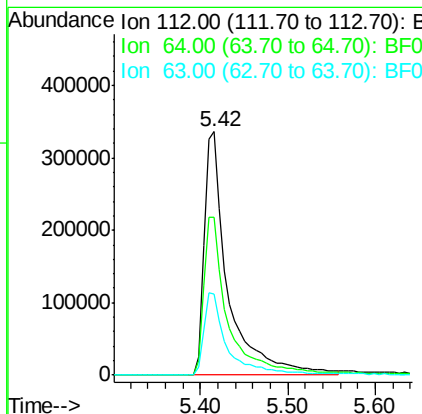
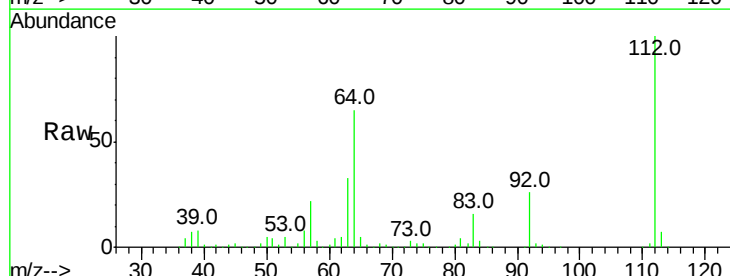
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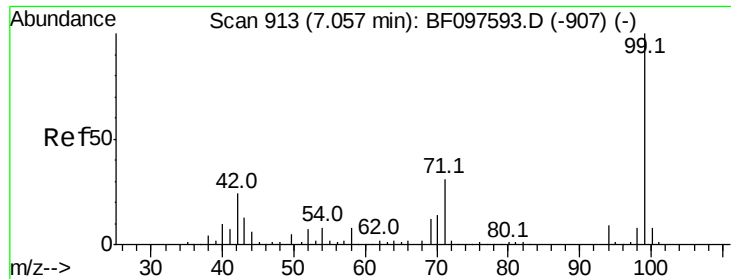


#5

2-Fluorophenol
Concen: 88.519 ng
RT: 5.42 min Scan# 634
Delta R.T. 0.01 min
Lab File: BF097643.D
Acq: 12 Aug 2017 19:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.8	46.0	69.0
63	33.4	23.4	35.0





#7

Phenol-d6

Concen: 92.803 ng

RT: 7.06 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF097643.D

Acq: 12 Aug 2017 19:48

Instrument :

BNA_F

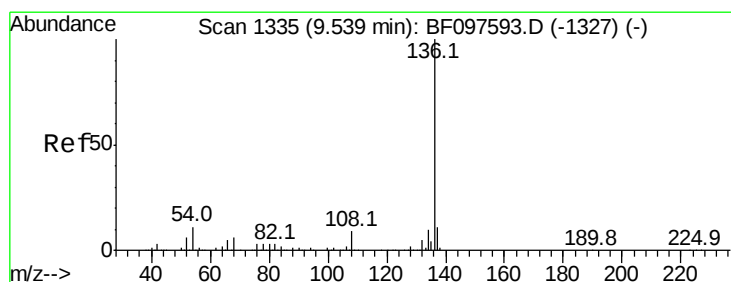
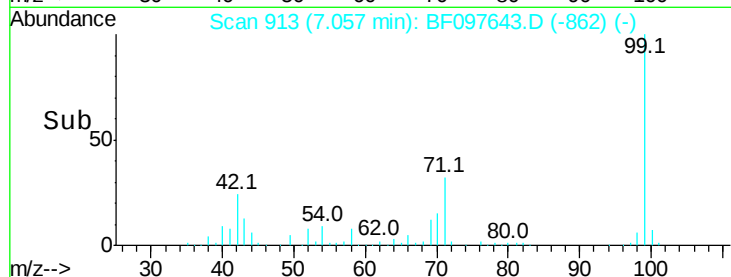
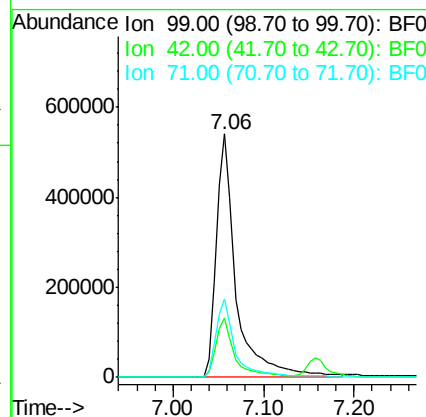
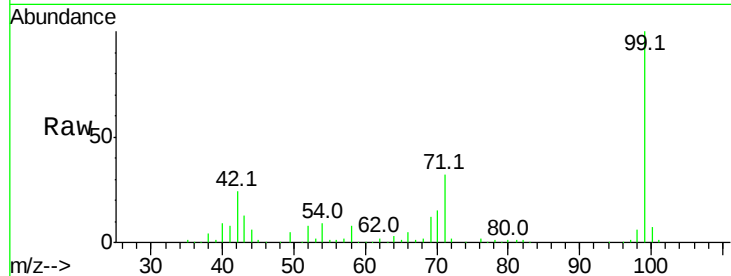
ClientSampleId :

SP-B-COMP

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		828096		
42	24.2	13.5	20.3#		
71	32.5	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.000 ng

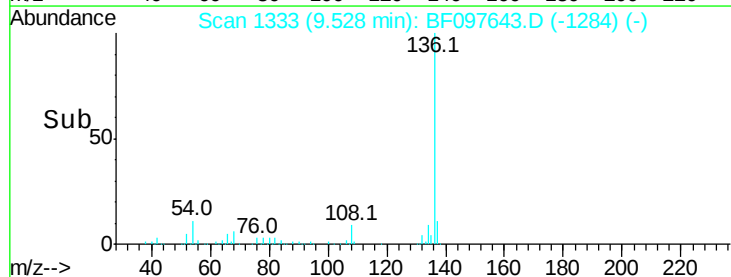
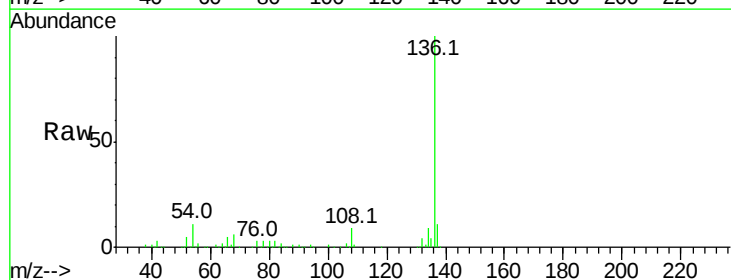
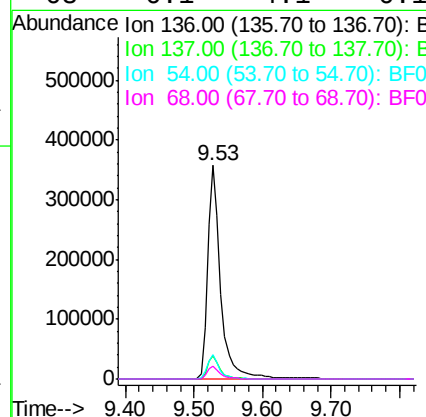
RT: 9.53 min Scan# 1333

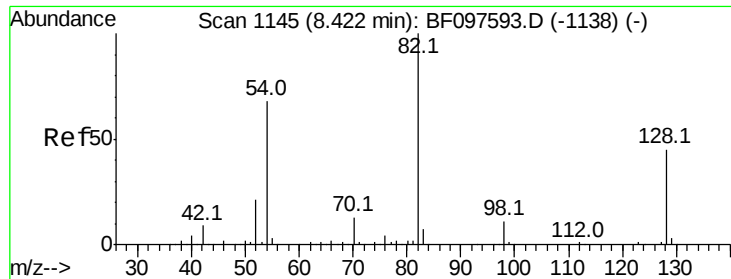
Delta R.T. -0.01 min

Lab File: BF097643.D

Acq: 12 Aug 2017 19:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		481421		
137	10.6	8.5	12.7		
54	11.1	4.9	7.3#		
68	6.1	4.1	6.1		





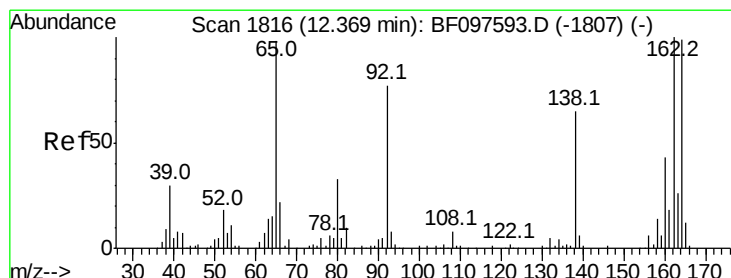
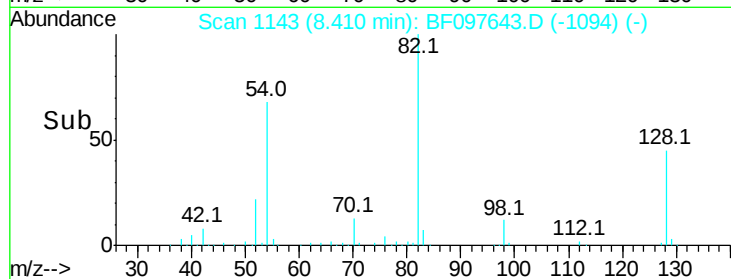
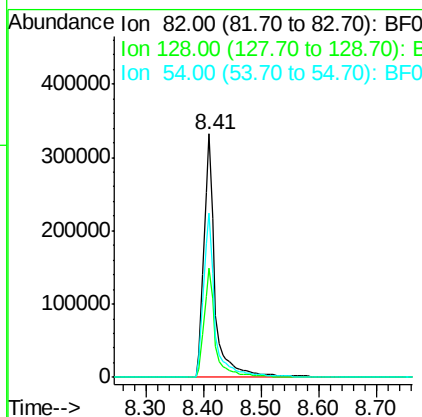
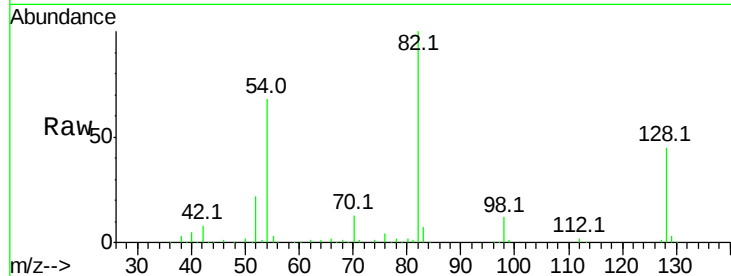
#23
 Nitrobenzene-d5
 Concen: 60.383 ng
 RT: 8.41 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF097643.D
 Acq: 12 Aug 2017 19:48

Instrument :
 BNA_F
 ClientSampleId :
 SP-B-COMP

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.8	34.0	51.0	
54	67.7	42.2	63.2	

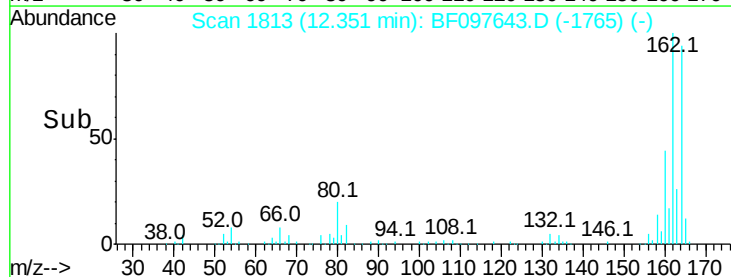
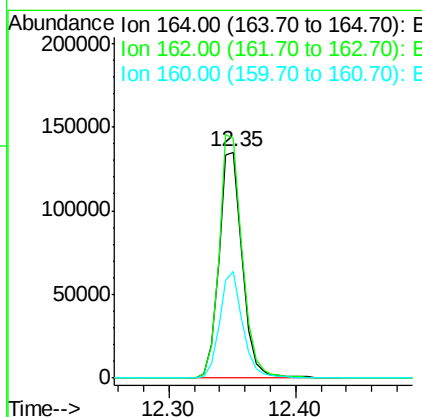
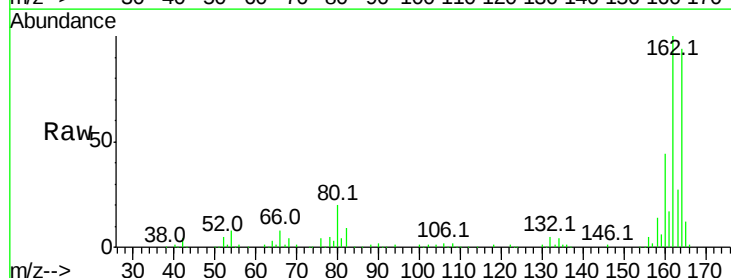
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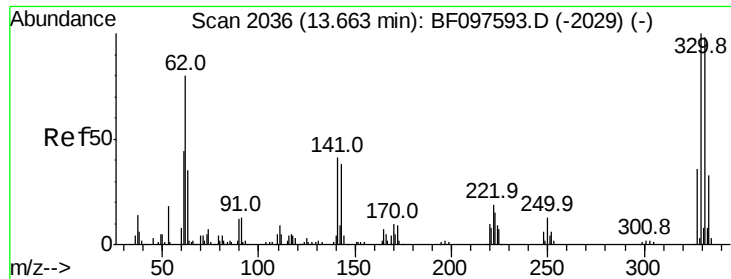
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 12.35 min Scan# 1813
 Delta R.T. -0.02 min
 Lab File: BF097643.D
 Acq: 12 Aug 2017 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	106.0	82.6	123.8	
160	47.1	36.2	54.2	





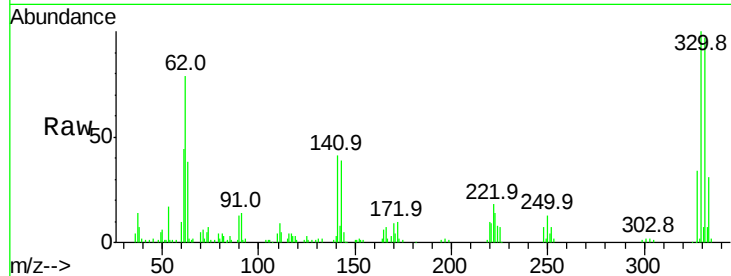
#41
 2,4,6-Tribromophenol
 Concen: 96.666 ng
 RT: 13.64 min Scan# 2033
 Delta R.T. -0.02 min
 Lab File: BF097643.D
 Acq: 12 Aug 2017 19:48

Instrument :
 BNA_F
 ClientSampleId :
 SP-B-COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100	127227		
332	94.6	76.6	115.0	
141	41.3	31.4	47.2	

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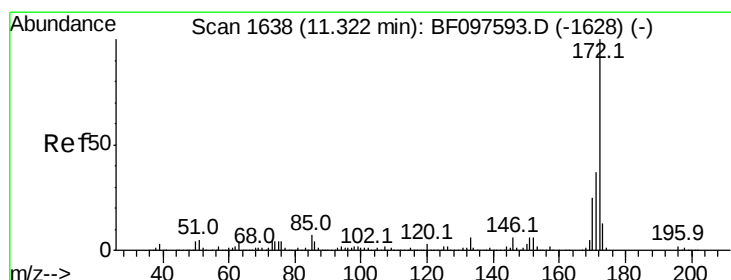
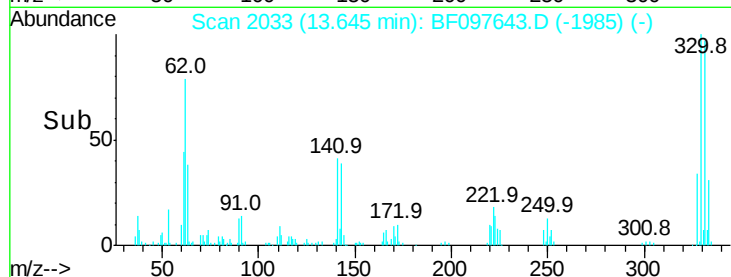
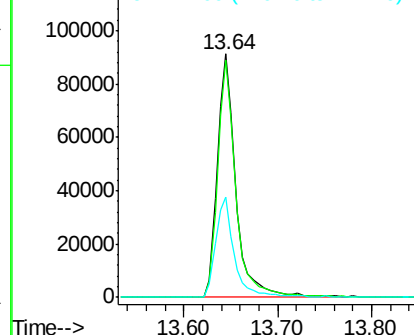


Abundance

Ion 329.80 (329.50 to 330.50): E

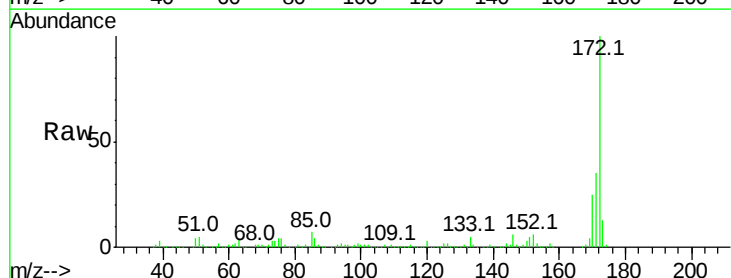
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 67.962 ng
 RT: 11.30 min Scan# 1635
 Delta R.T. -0.02 min
 Lab File: BF097643.D
 Acq: 12 Aug 2017 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	779662		
171	35.4	29.6	44.4	
170	24.6	19.8	29.8	

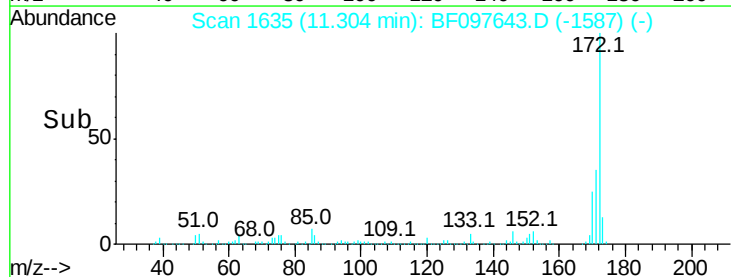
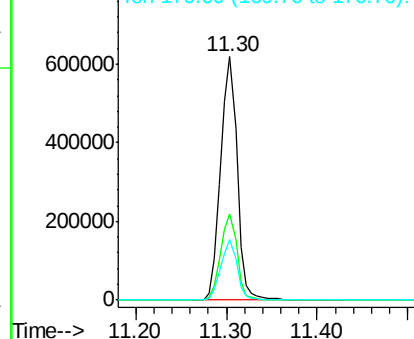


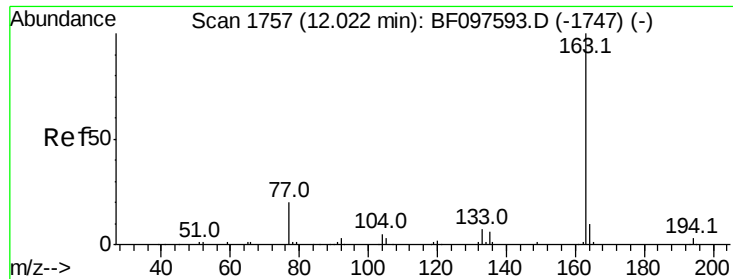
Abundance

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





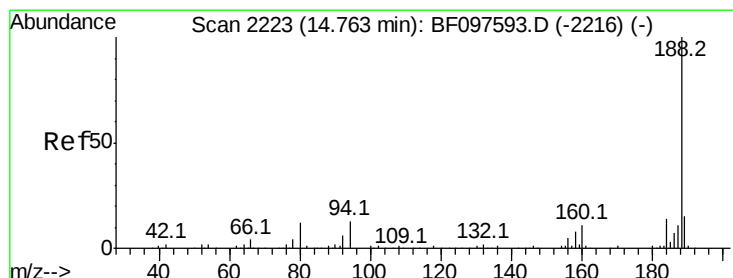
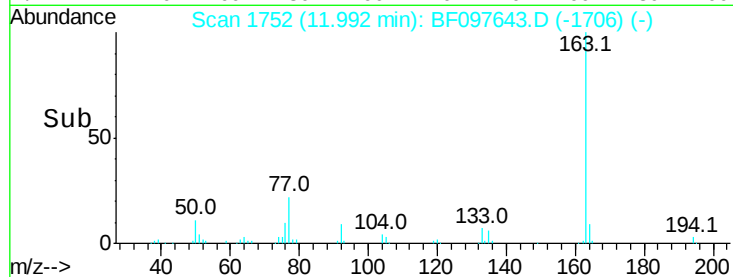
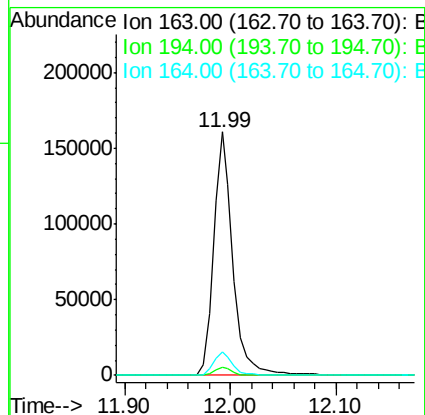
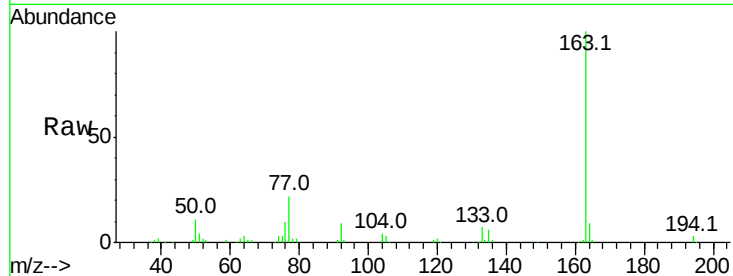
#49
Dimethylphthalate
Concen: 15.317 ng
RT: 11.99 min Scan# 1752
Delta R.T. -0.03 min
Lab File: BF097643.D
Acq: 12 Aug 2017 19:48

Instrument :
BNA_F
ClientSampleId :
SP-B-COMP

Tot Ion	Ratio	Resp	Lower	Upper
163	100	204375		
194	3.2		2.6	4.0
164	9.4		8.4	12.6

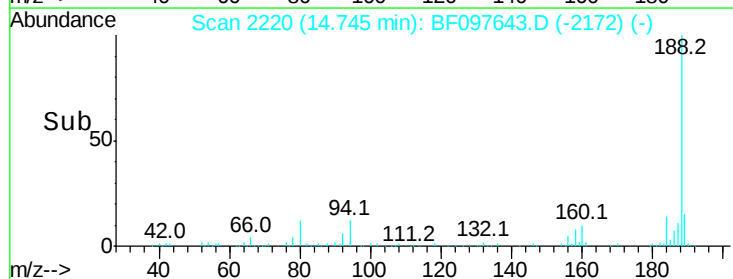
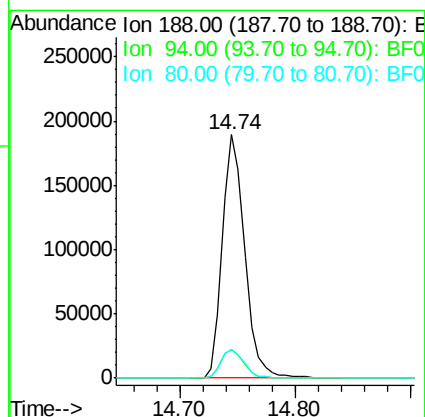
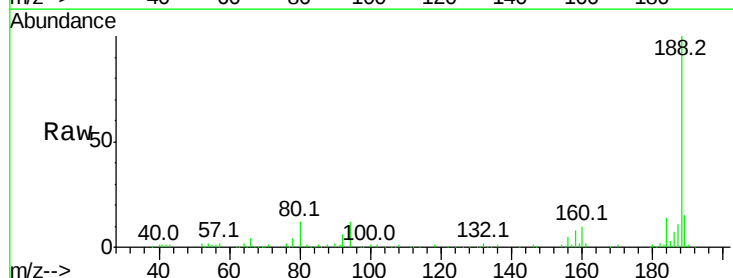
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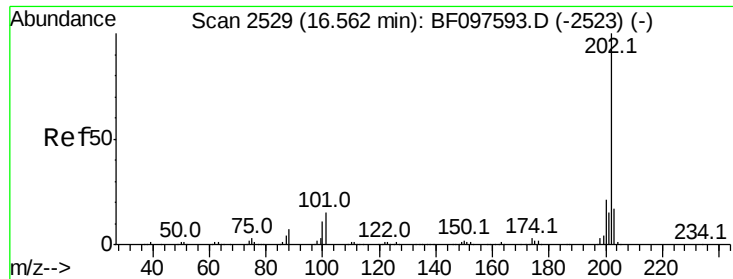
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 2220
Delta R.T. -0.02 min
Lab File: BF097643.D
Acq: 12 Aug 2017 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	254589		
94	12.0		9.4	14.2
80	11.5		10.2	15.2





#74

Fluoranthene

Concen: 2.238 ng

RT: 16.56 min Scan# 2528

Delta R.T. -0.01 min

Lab File: BF097643.D

Acq: 12 Aug 2017 19:48

Instrument :

BNA_F

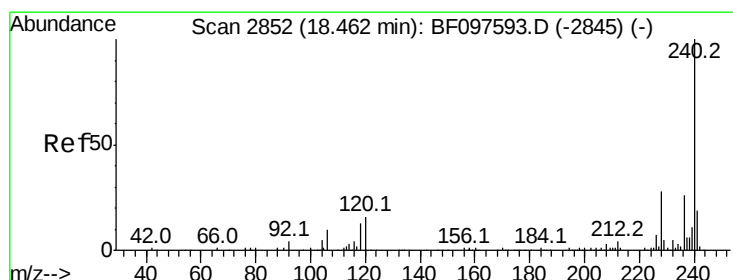
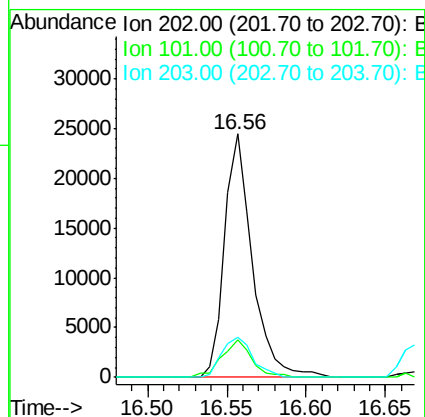
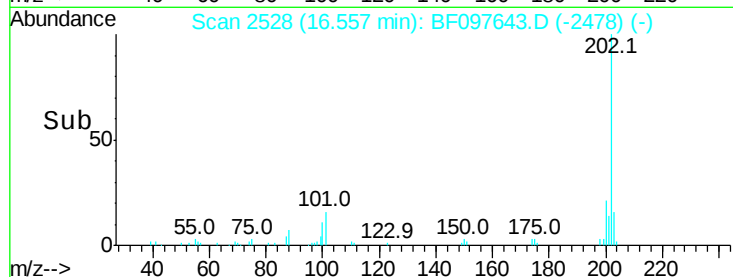
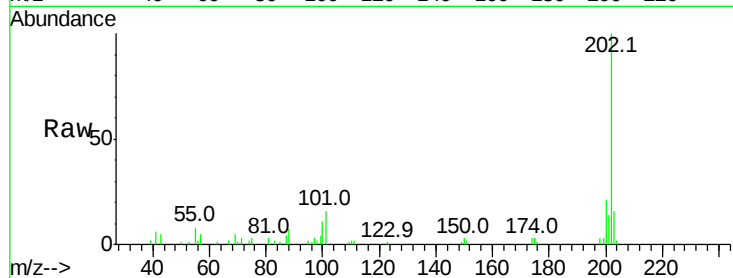
ClientSampleId :

SP-B-COMP

Tot Ion:	202	Resp:	29651
Ion Ratio	Lower	Upper	
202	100		
101	15.6	0.0	33.2
203	16.2	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

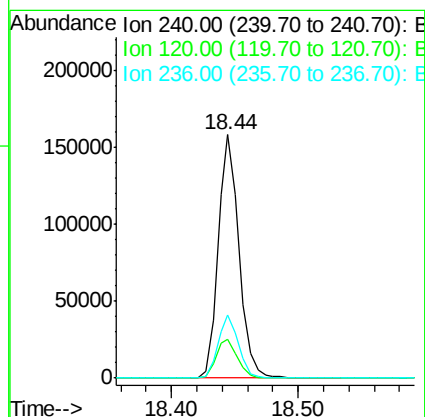
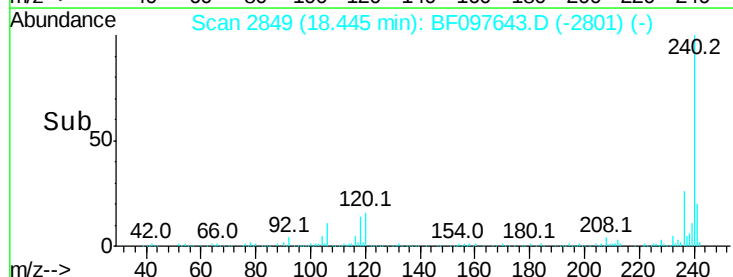
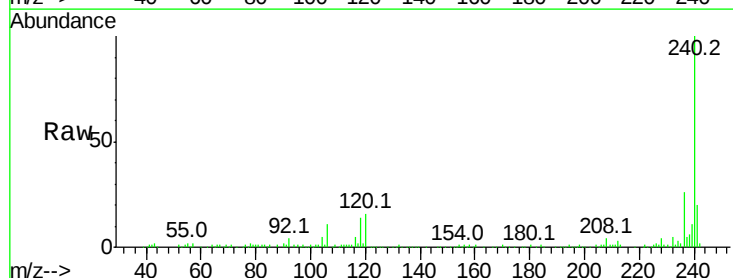
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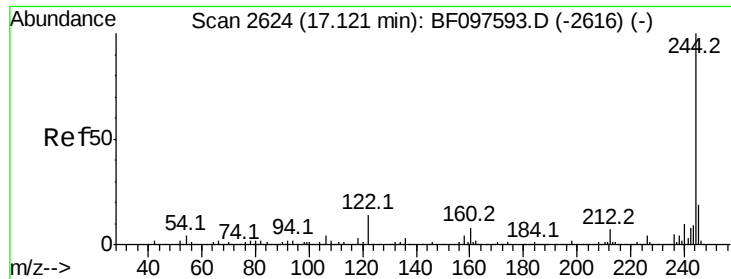
Delta R.T. -0.02 min

Lab File: BF097643.D

Acq: 12 Aug 2017 19:48

Tgt Ion:	240	Resp:	181675
Ion Ratio	Lower	Upper	
240	100		
120	15.7	5.8	8.8#
236	26.2	20.5	30.7





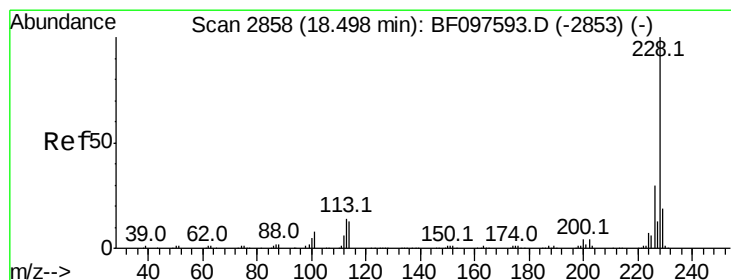
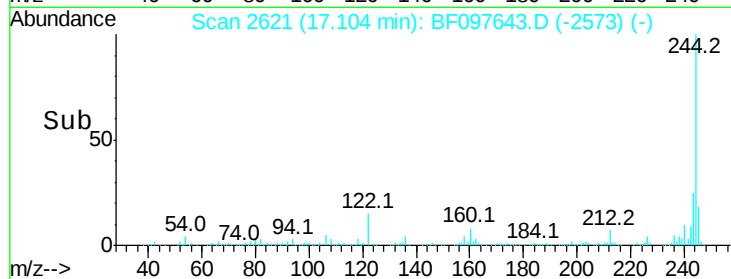
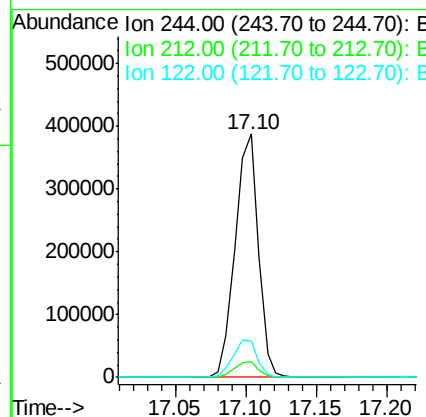
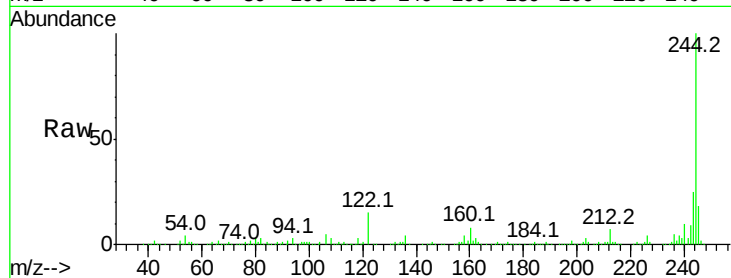
#78
 Terphenyl-d14
 Concen: 50.478 ng
 RT: 17.10 min Scan# 2621
 Delta R.T. -0.02 min
 Lab File: BF097643.D
 Acq: 12 Aug 2017 19:48

Instrument :
 BNA_F
 ClientSampleId :
 SP-B-COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	15.0	10.3	15.5

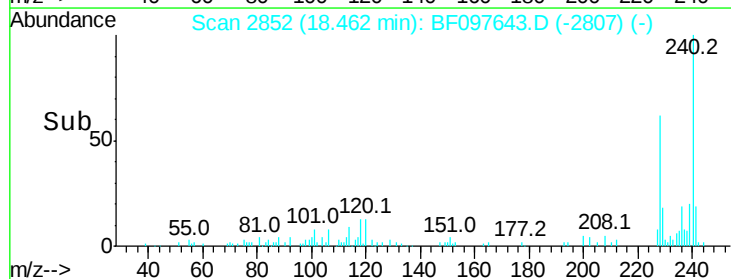
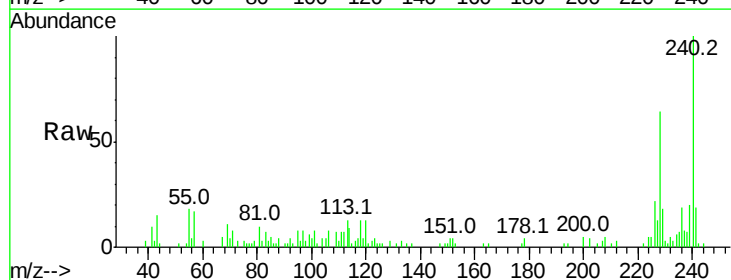
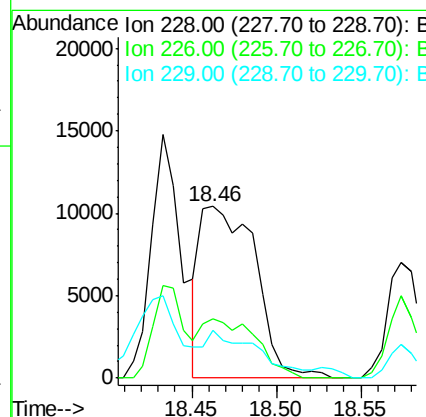
Manual Integrations
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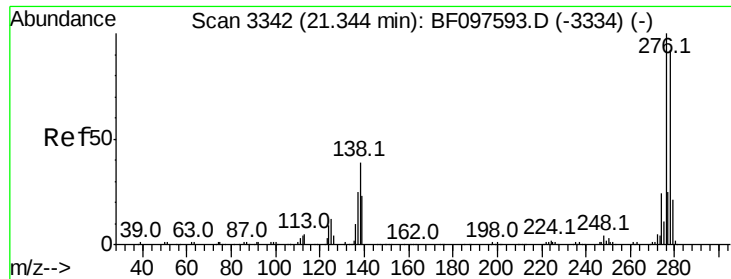
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#82
 Chrysene
 Concen: 2.237 ng
 RT: 18.46 min Scan# 2852
 Delta R.T. -0.04 min
 Lab File: BF097643.D
 Acq: 12 Aug 2017 19:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.5	24.9	37.3
229	28.1	15.8	23.6





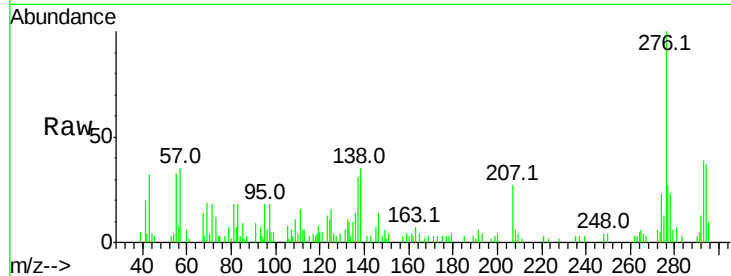
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.984 ng
RT: 21.34 min Scan# 3341
Delta R.T. -0.01 min
Lab File: BF097643.D
Acq: 12 Aug 2017 19:48

Instrument :
BNA_F
ClientSampleId :
SP-B-COMP

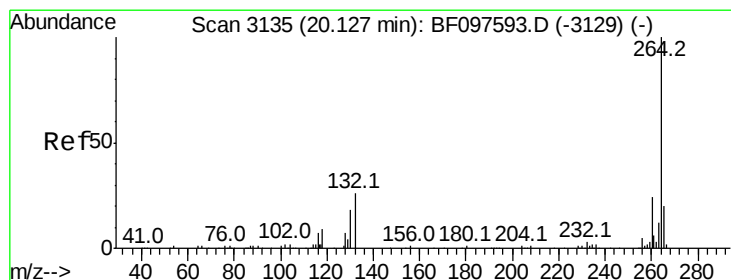
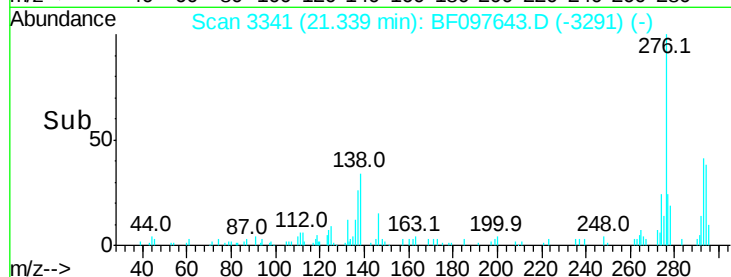
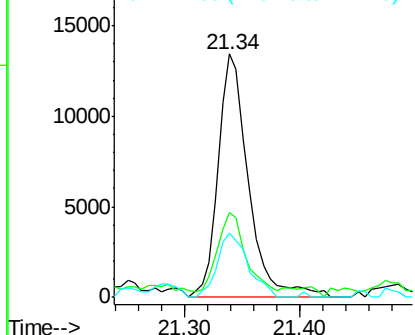
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.2	27.8	41.6
277	26.8	20.2	30.4

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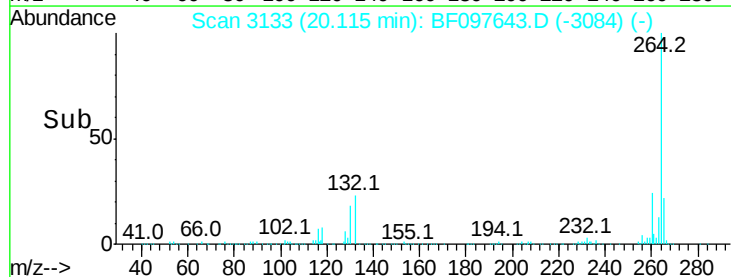
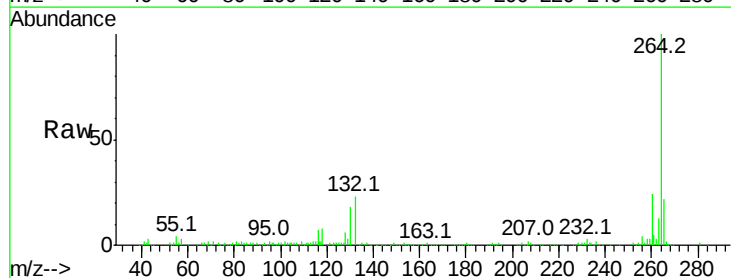
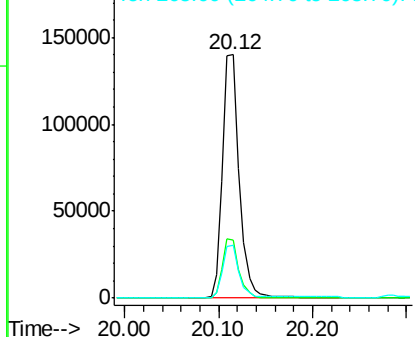
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

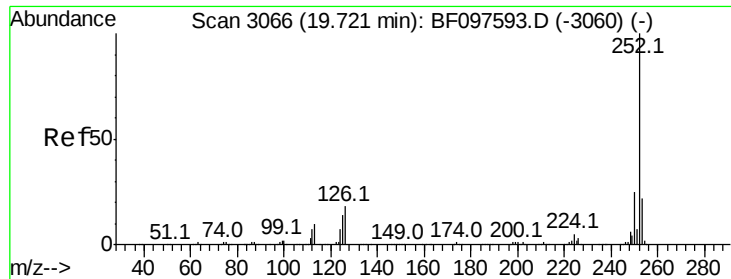


#86
Perylene-d12
Concen: 20.000 ng
RT: 20.12 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BF097643.D
Acq: 12 Aug 2017 19:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.7	17.2	25.8

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





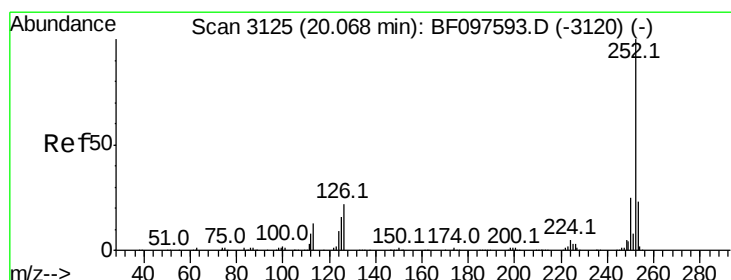
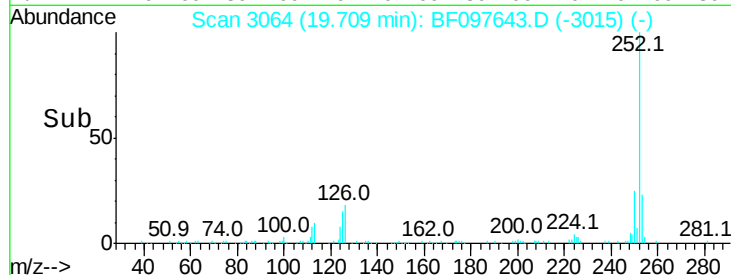
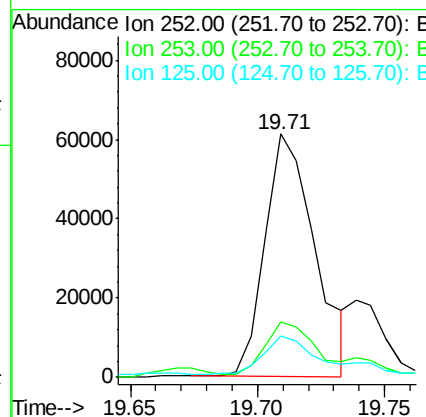
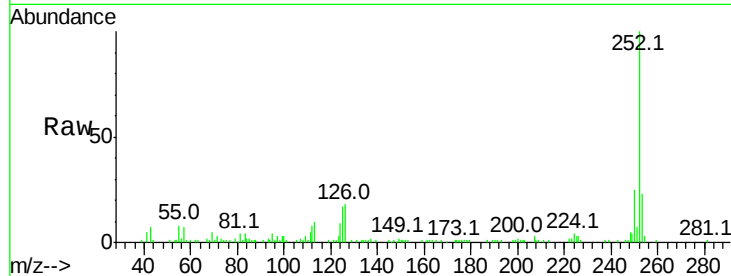
#87
 Benzo(b)fluoranthene
 Concen: 7.999 ng m
 RT: 19.71 min Scan# 3064
 Delta R.T. -0.01 min
 Lab File: BF097643.D
 Acq: 12 Aug 2017 19:48

Instrument :
 BNA_F
 ClientSampleId :
 SP-B-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	16.8	9.8	14.8

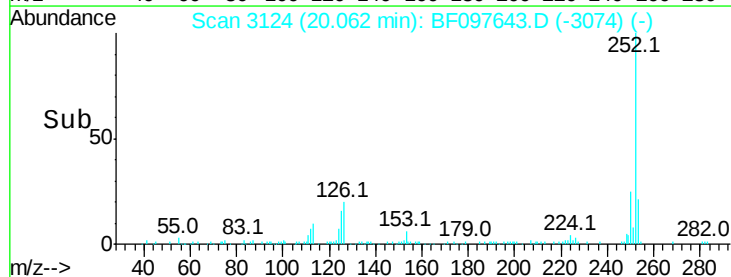
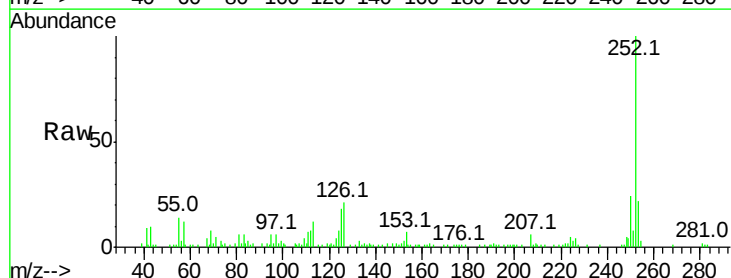
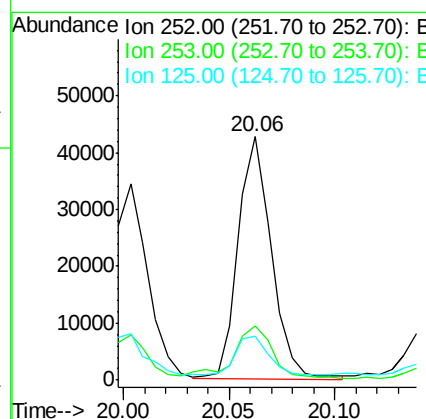
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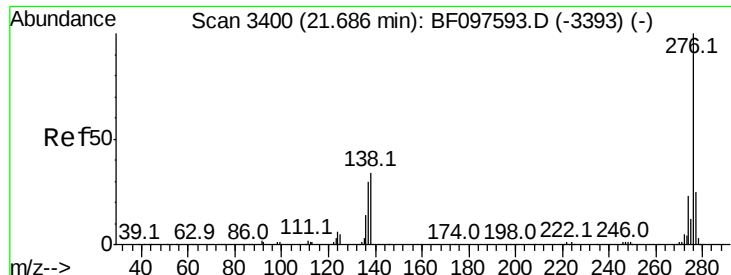
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#89
 Benzo(a)pyrene
 Concen: 4.832 ng
 RT: 20.06 min Scan# 3124
 Delta R.T. -0.01 min
 Lab File: BF097643.D
 Acq: 12 Aug 2017 19:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	17.9	11.0	16.4





#91
 Benzo(a,h,i)perylene
 Concen: 2.683 ng
 RT: 21.69 min Scan# 3400
 Delta R.T. 0.00 min
 Lab File: BF097643.D
 Acq: 12 Aug 2017 19:48

Instrument :
 BNA_F
 ClientSampleId :
 SP-B-COMP

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.3	18.6	28.0
138	35.2	25.4	38.0

Manual Integrations
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