

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
 Data File : BF099940.D
 Acq On : 29 Oct 2017 3:45
 Operator : SJ/JU
 Sample : I6023-10
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP

Manual Integrations
 APPROVED

Sohil
 10/30/2017 6:20:43 PM

Quant Time: Oct 30 05:12:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	108918	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	436336	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	179833	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	254515	20.00	ng	-0.02
75) Chrysene-d12	13.96	240	202179	20.00	ng	-0.03
86) Perylene-d12	15.43	264	198169	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	563106	81.17	ng	0.00
7) Phenol-d6	6.43	99	668053	81.21	ng	0.00
23) Nitrobenzene-d5	7.36	82	383606	56.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	104732	63.91	ng	-0.02
44) 2-Fluorobiphenyl	9.14	172	793863	68.11	ng	-0.02
78) Terphenyl-d14	12.90	244	513402	55.49	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.54	163	29085	2.042	ng	98
70) Phenanthrene	11.34	178	33747	2.349	ng	99
74) Fluoranthene	12.53	202	98185	6.578	ng	95
77) Pyrene	12.76	202	85143	5.538	ng	97
80) Benzo(a)anthracene	13.95	228	42426	3.310	ng	98
82) Chrysene	13.99	228	46798	3.884	ng	100
85) Indeno(1,2,3-cd)pyrene	16.90	276	24693	2.232	ng	98
87) Benzo(b)fluoranthene	15.00	252	67987m	5.433	ng	
89) Benzo(a)pyrene	15.37	252	39684	3.530	ng	# 93
91) Benzo(g,h,i)perylene	17.35	276	22513	2.304	ng	97

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

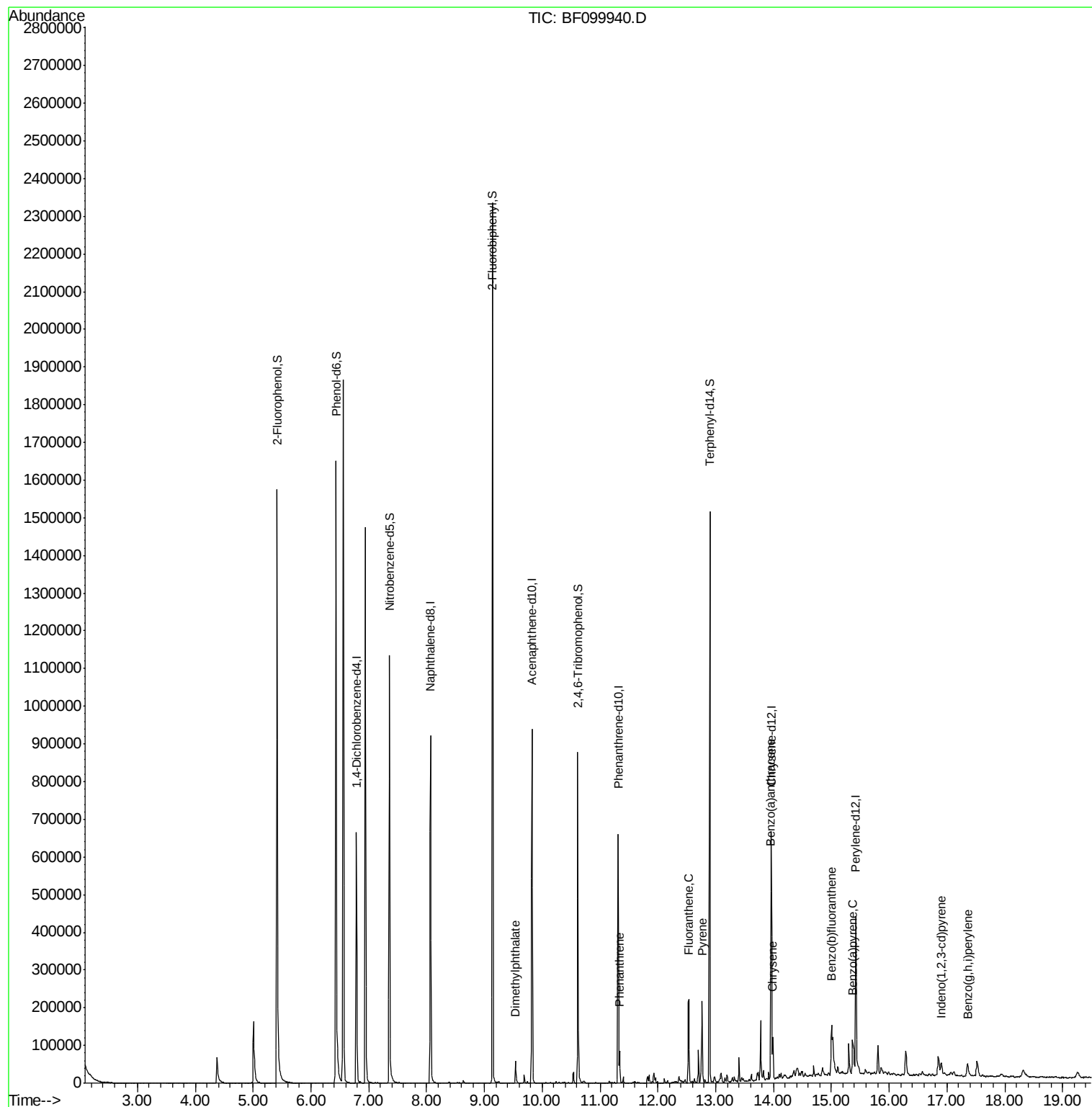
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
Data File : BF099940.D
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Operator : SJ/JU
Sample : I6023-10
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#1

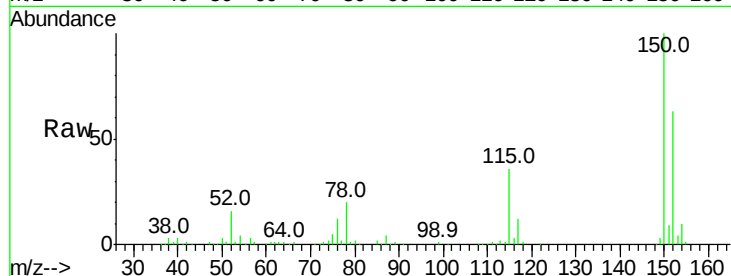
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099940.D
Acq: 29 Oct 2017 3:45

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.6	186.8
115	56.7	50.1	75.1

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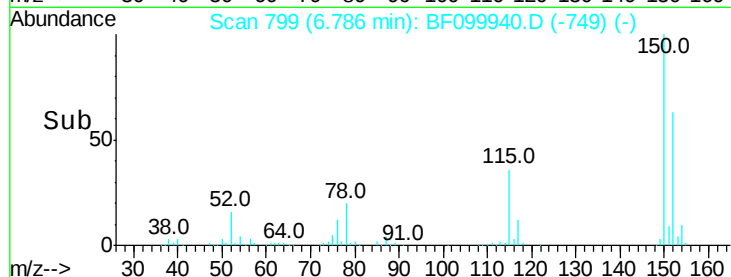
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

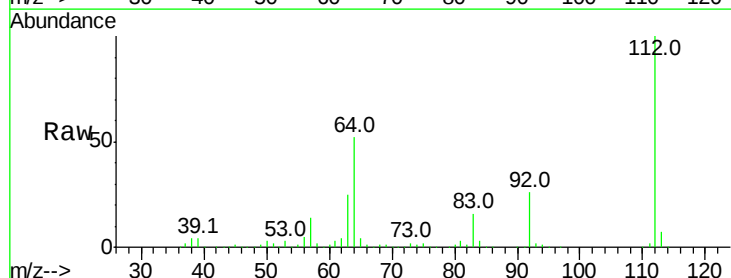
Time-->



#5

2-Fluorophenol
Concen: 81.167 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF099940.D
Acq: 29 Oct 2017 3:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.5	47.9	71.9
63	25.0	23.7	35.5



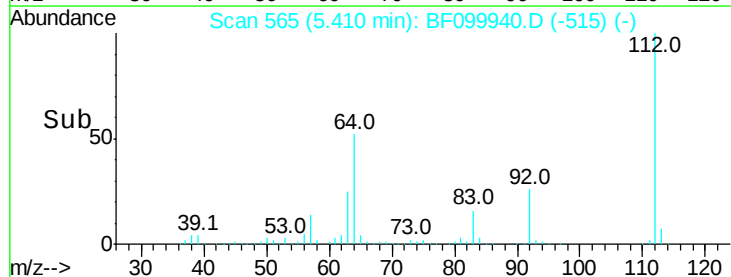
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time-->





#7

Phenol-d6

Concen: 81.212 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099940.D

Acq: 29 Oct 2017 3:45

Instrument :

BNA_F

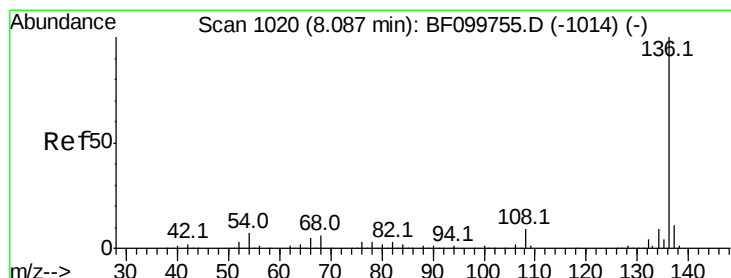
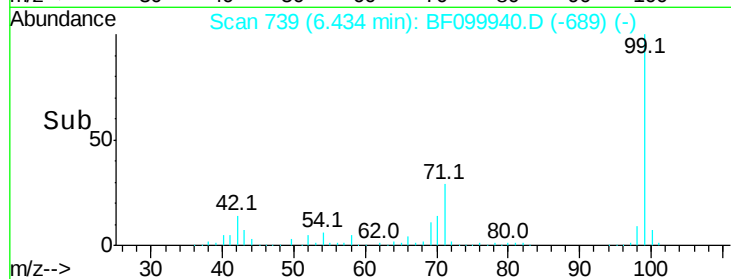
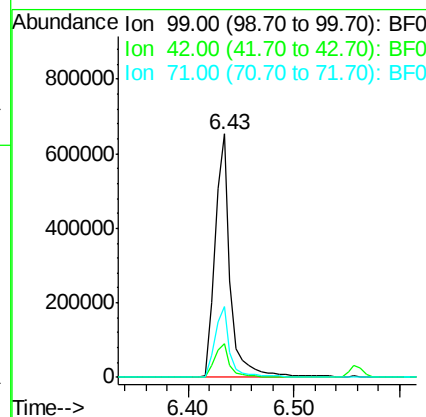
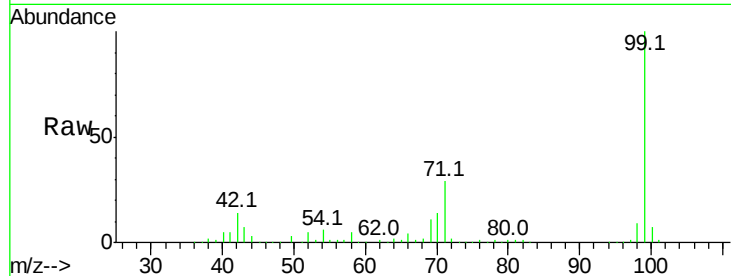
ClientSampleId :

SB-05-COMP

Tot Ion:	99	Resp:	668053
Ion Ratio	Lower	Upper	
99	100		
42	13.9	14.5	21.7#
71	29.3	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

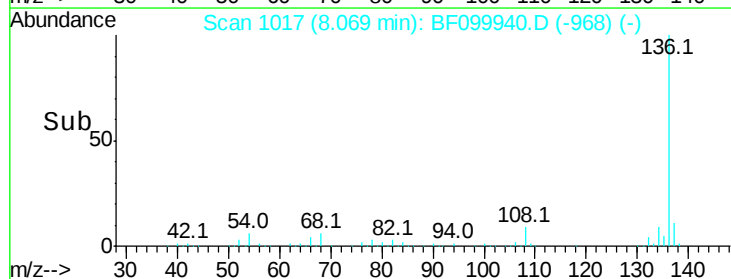
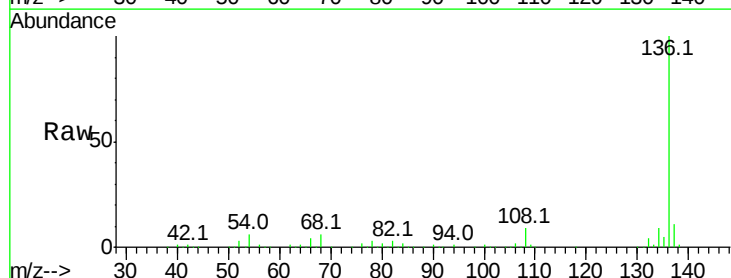
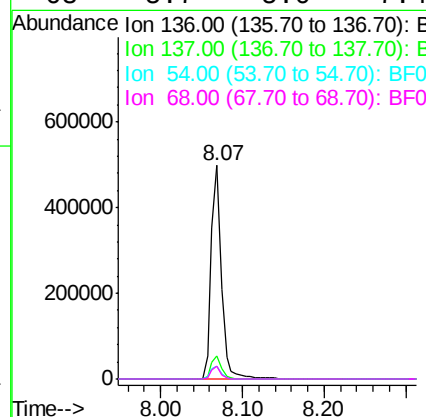
RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF099940.D

Acq: 29 Oct 2017 3:45

Tgt Ion:	136	Resp:	436336
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.9	13.3
54	6.1	6.6	9.8#
68	5.7	5.0	7.4





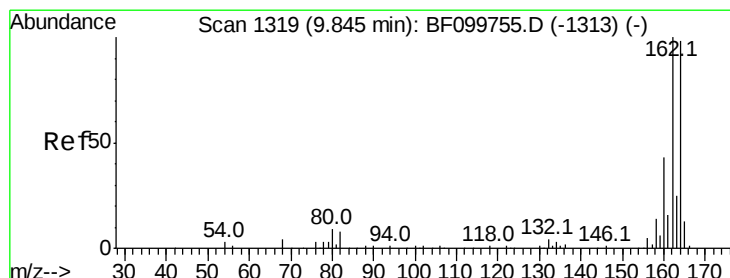
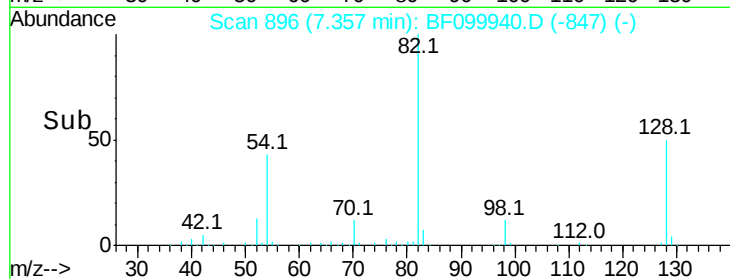
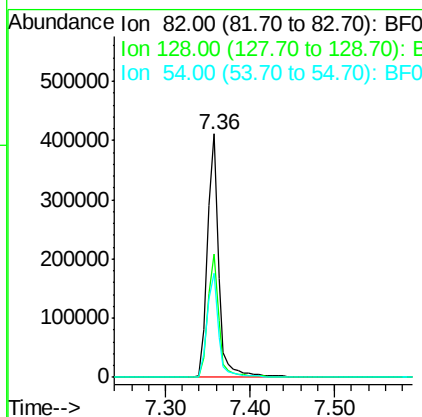
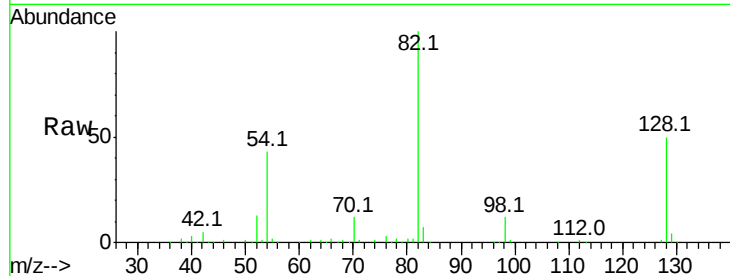
#23
Nitrobenzene-d5
Concen: 56.600 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF099940.D
Acq: 29 Oct 2017 3:45

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.4	36.1	54.1
54	42.9	41.4	62.2

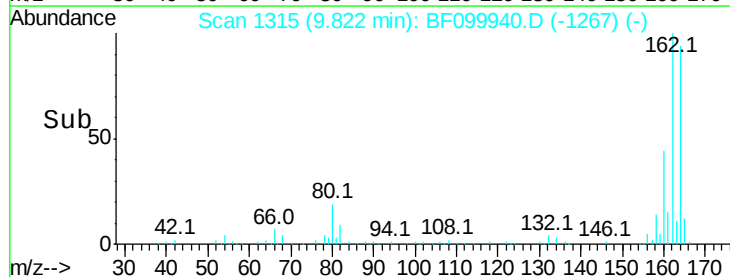
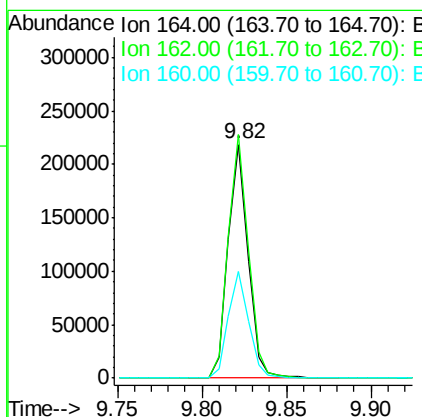
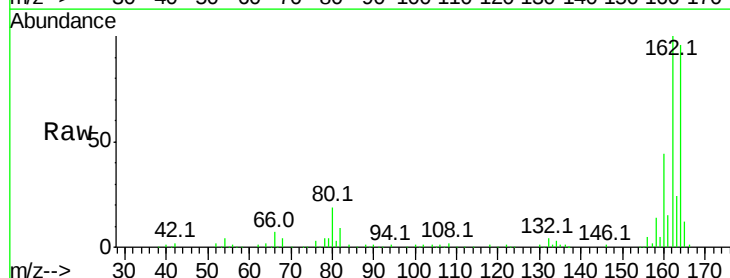
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF099940.D
Acq: 29 Oct 2017 3:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	45.8	38.3	57.5





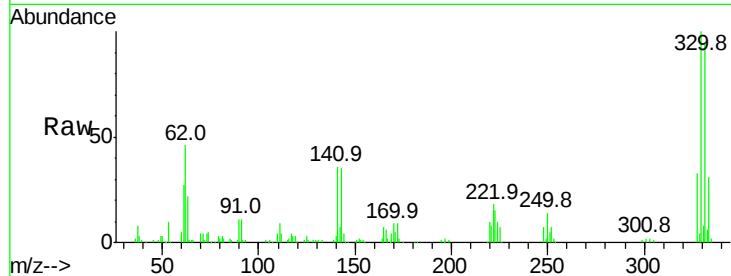
#41
 2,4,6-Tribromophenol
 Concen: 63.906 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.02 min
 Lab File: BF099940.D
 Acq: 29 Oct 2017 3:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.5	77.0	115.6	
141	34.7	29.9	44.9	

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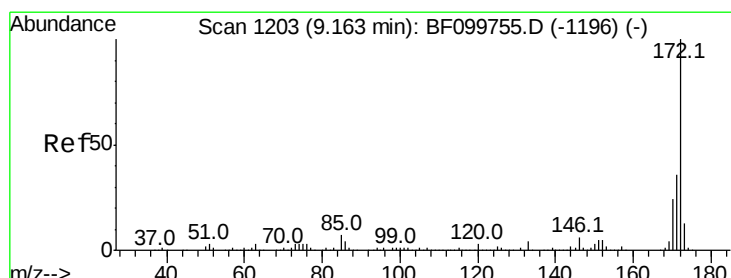
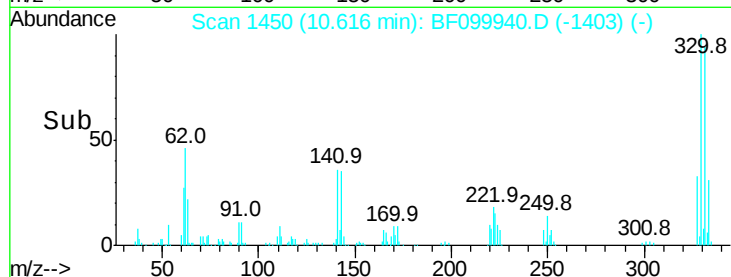
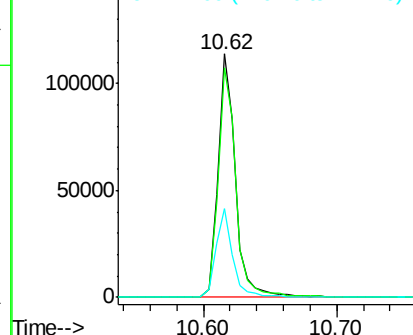


Abundance

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: 68.108 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.02 min
 Lab File: BF099940.D
 Acq: 29 Oct 2017 3:45

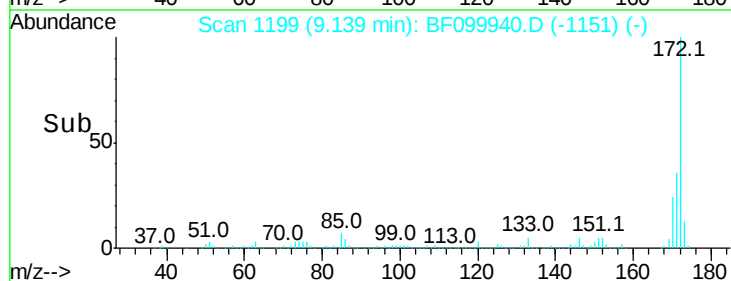
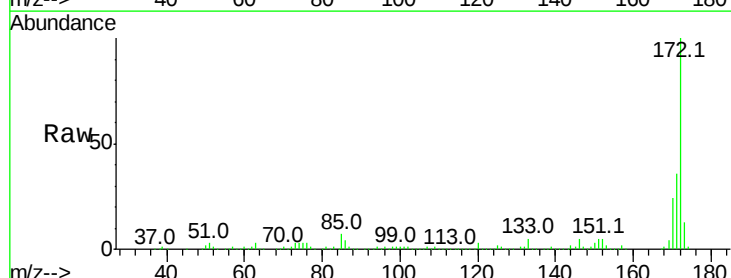
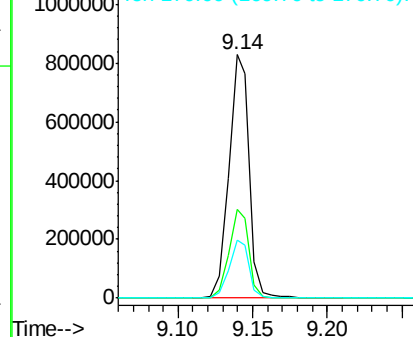
Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.4	29.7	44.5	
170	23.9	19.6	29.4	

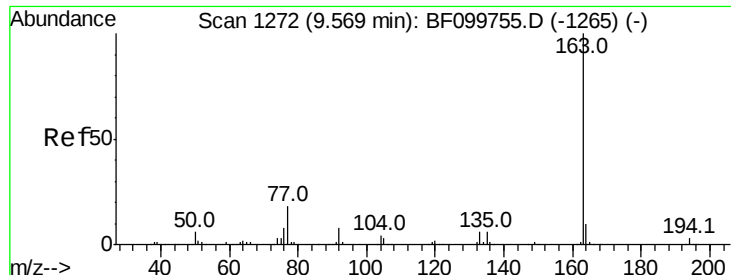
Abundance

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





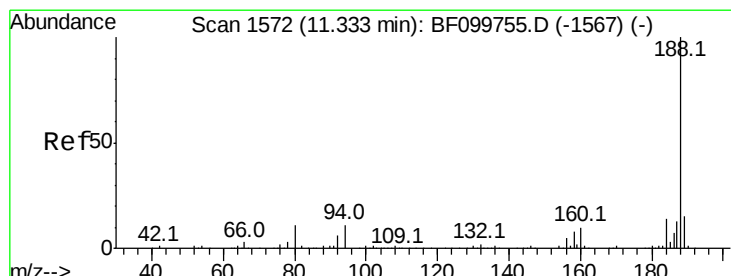
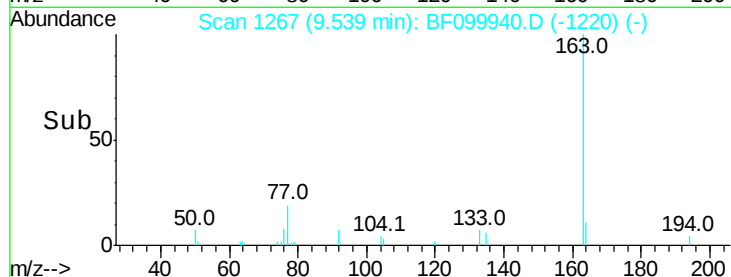
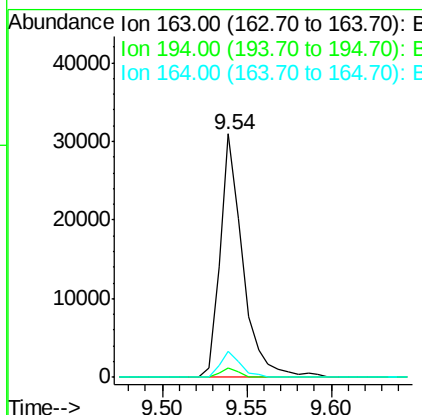
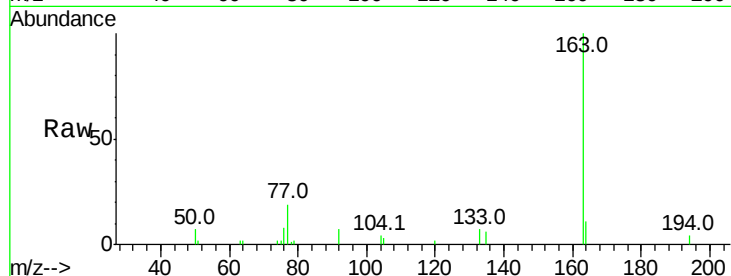
#49
Dimethylphthalate
Concen: 2.042 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF099940.D
Acq: 29 Oct 2017 3:45

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.0	2.7	4.1	
164	10.9	8.2	12.2	

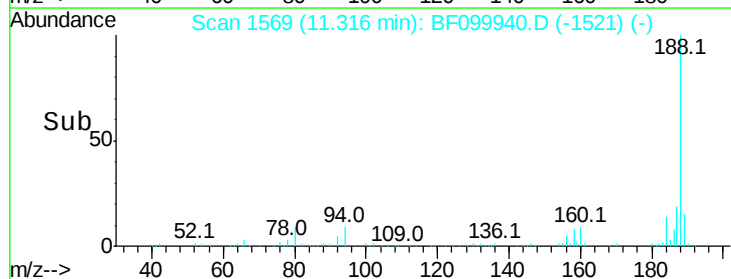
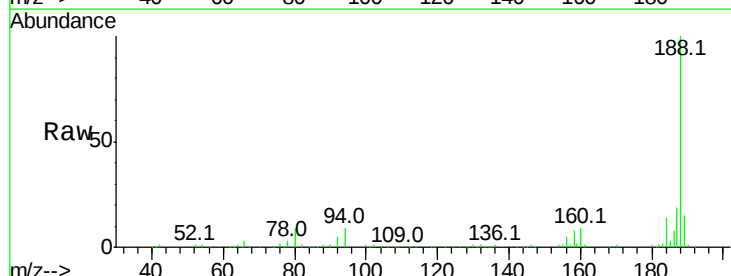
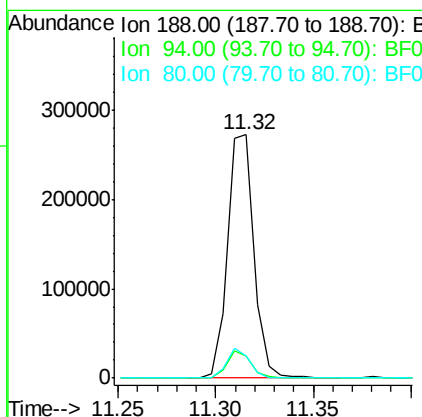
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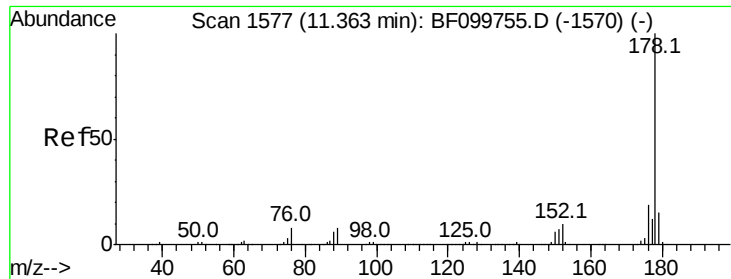
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BF099940.D
Acq: 29 Oct 2017 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.0	8.5	12.7	
80	9.2	9.2	13.8	





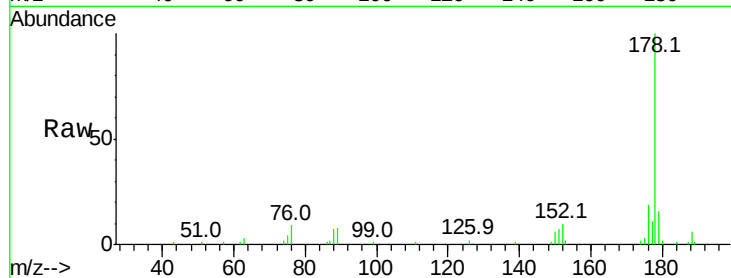
#70
Phenanthrene
Concen: 2.349 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.02 min
Lab File: BF099940.D
Acq: 29 Oct 2017 3:45

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

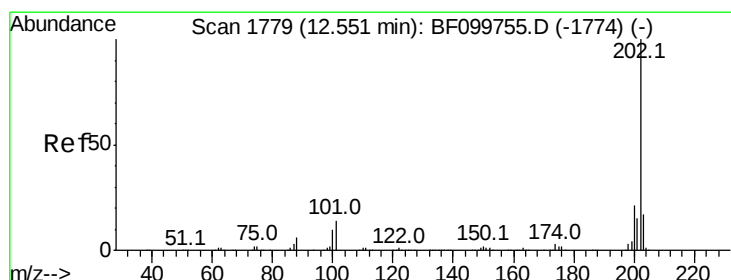
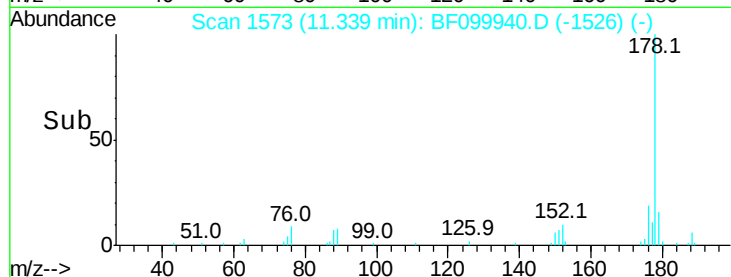
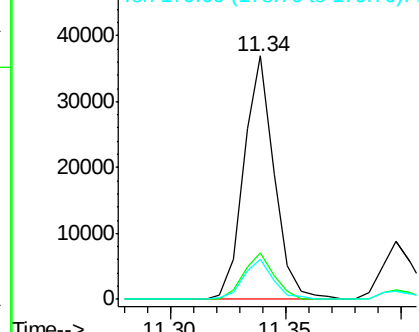
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	16.2	13.0	19.6

Manual Integrations
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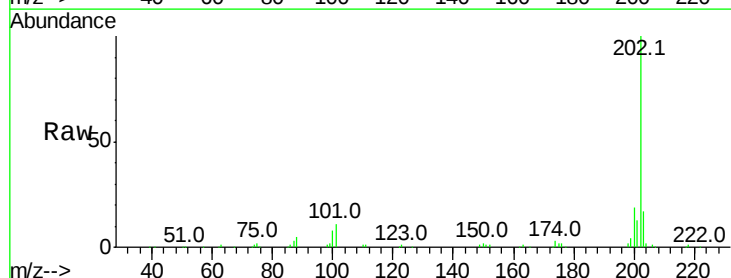


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

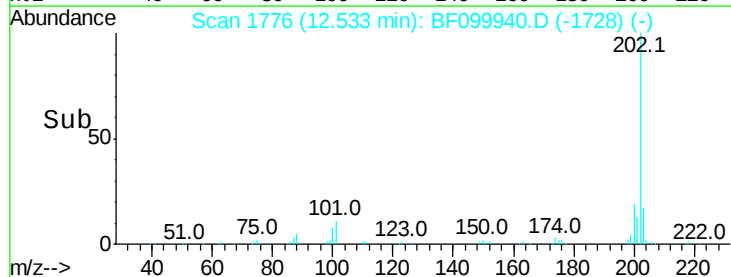
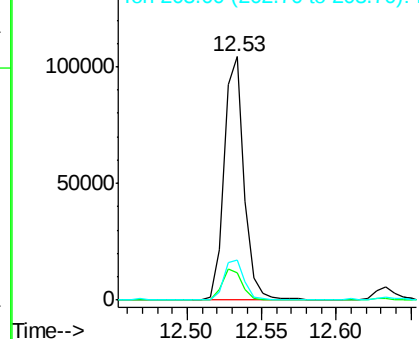


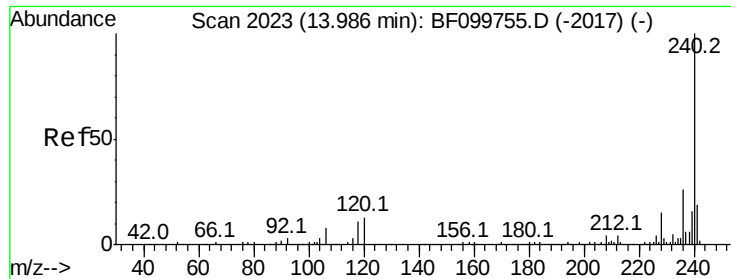
#74
Fluoranthene
Concen: 6.578 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.02 min
Lab File: BF099940.D
Acq: 29 Oct 2017 3:45

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	34.1
203	16.7	0.0	38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





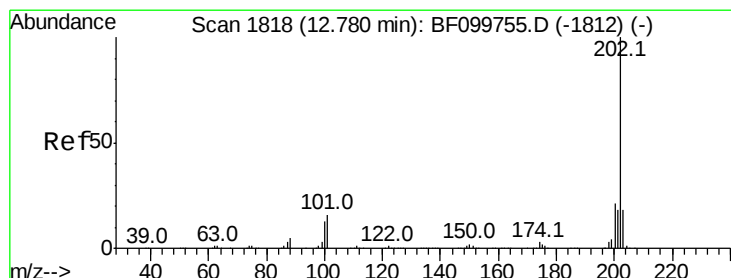
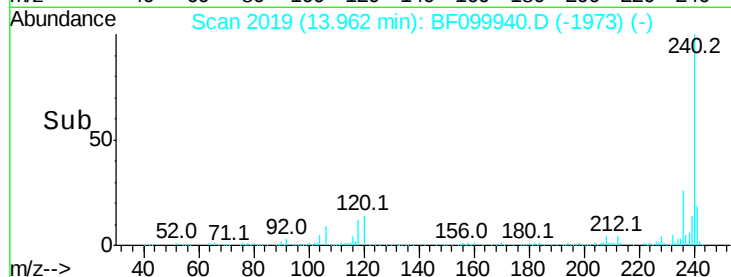
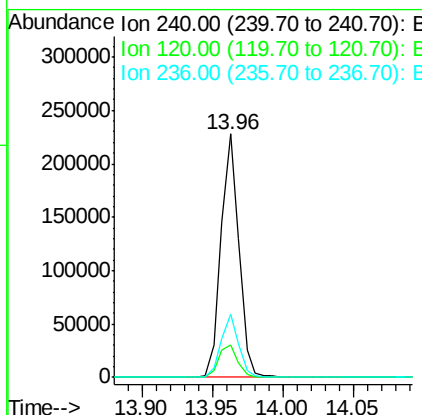
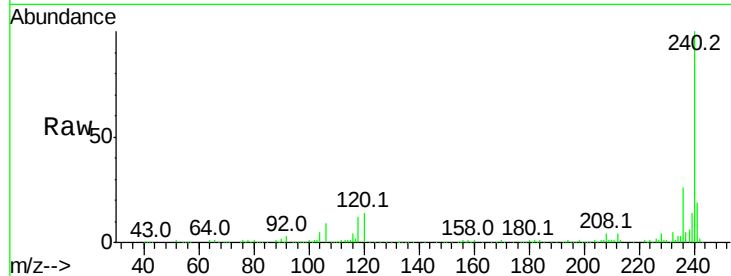
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.03 min
Lab File: BF099940.D
Acq: 29 Oct 2017 3:45

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.5	9.5	14.3
236	26.0	20.7	31.1

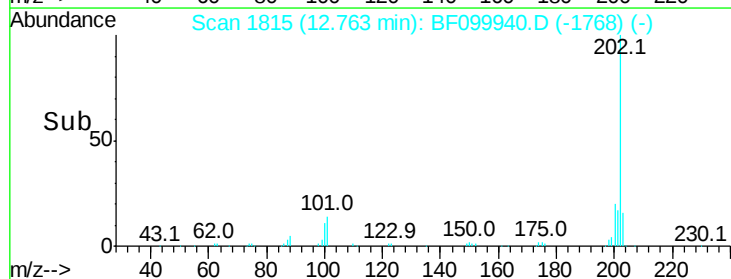
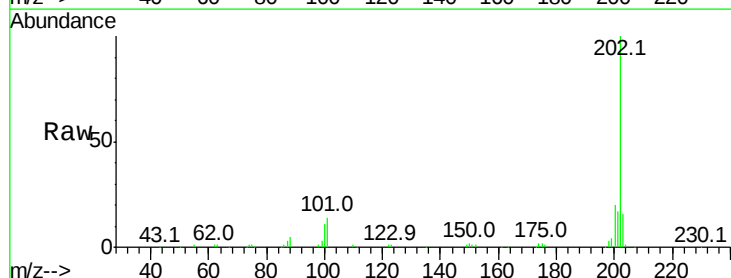
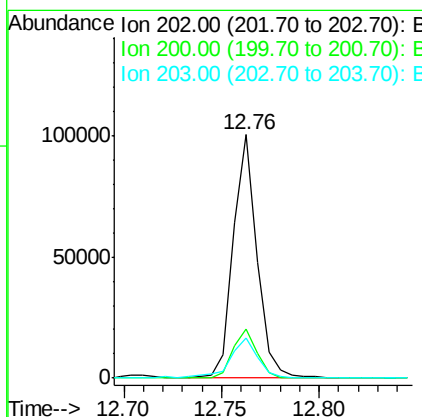
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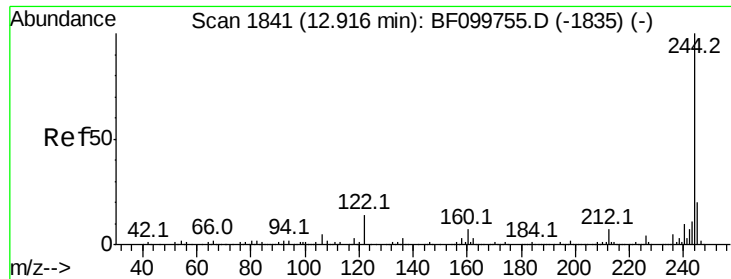
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#77
Pyrene
Concen: 5.538 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.02 min
Lab File: BF099940.D
Acq: 29 Oct 2017 3:45

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.4	26.2
203	16.5	14.3	21.5





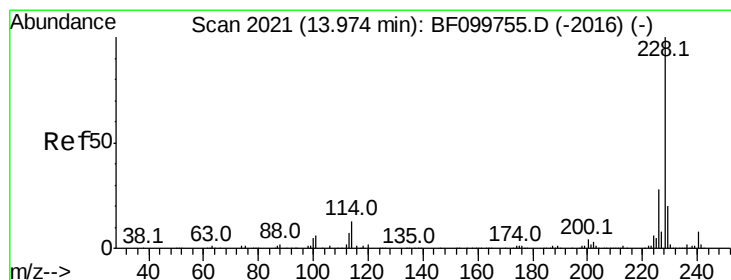
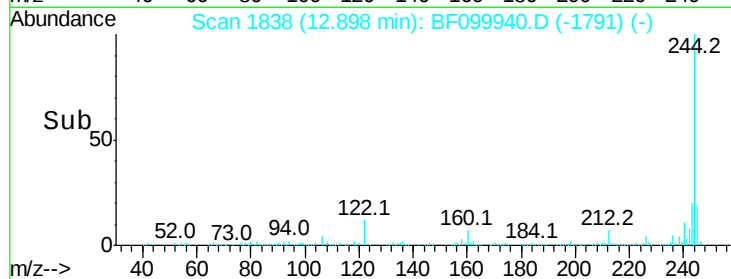
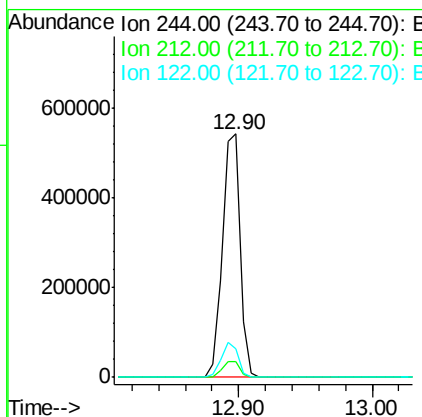
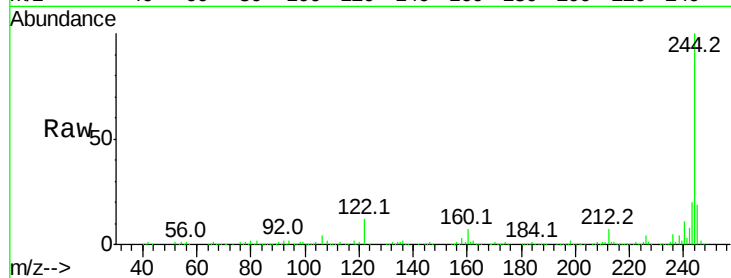
#78
 Terphenyl-d14
 Concen: 55.494 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.02 min
 Lab File: BF099940.D
 Acq: 29 Oct 2017 3:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.8	11.0	16.4

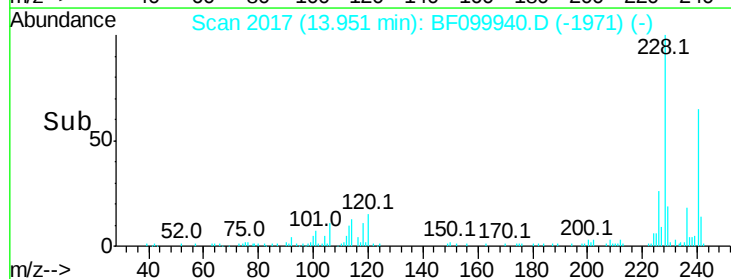
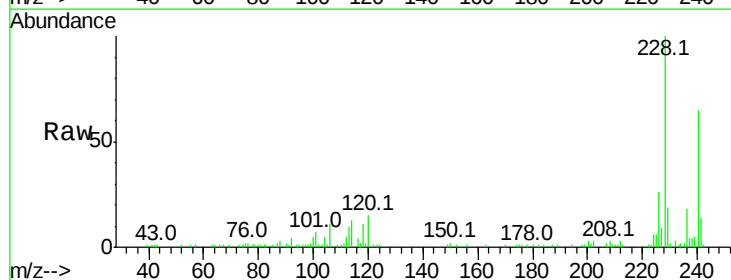
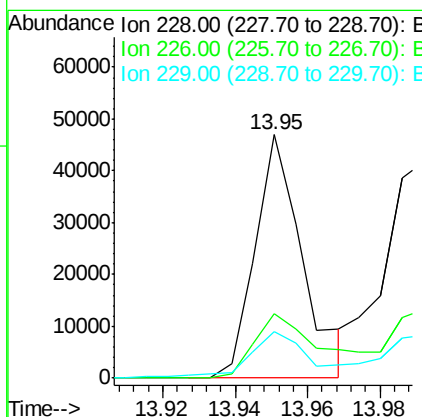
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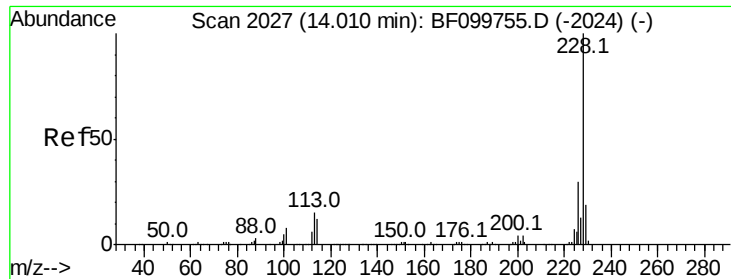
Sohil
 10/30/2017 6:20:43 PM



#80
 Benzo(a)anthracene
 Concen: 3.310 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.03 min
 Lab File: BF099940.D
 Acq: 29 Oct 2017 3:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.5	22.6	33.8
229	19.1	15.8	23.6





#82

Chrysene

Concen: 3.884 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.02 min

Lab File: BF099940.D

Acq: 29 Oct 2017 3:45

Instrument :

BNA_F

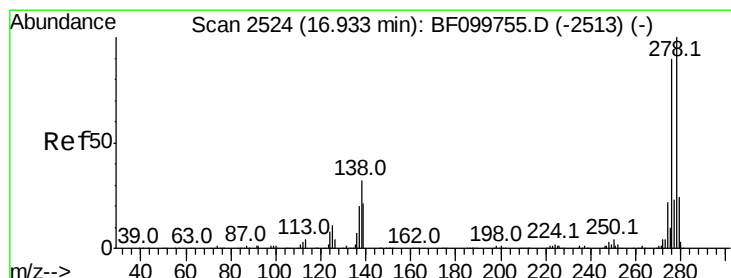
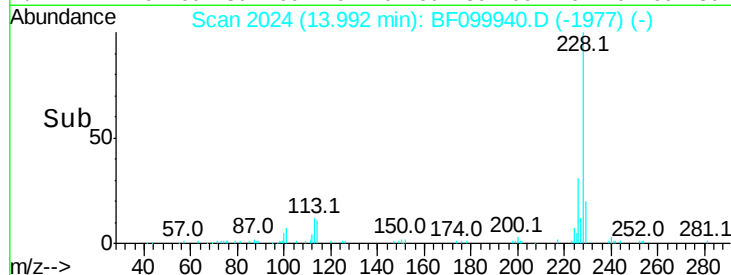
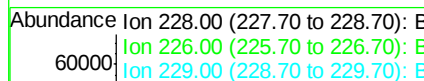
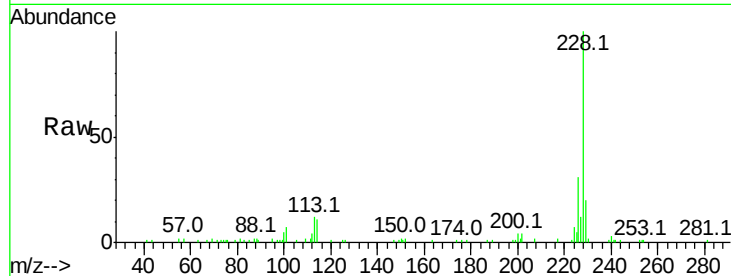
ClientSampleId :

SB-05-COMP

Tot Ion:	228	Resp:	46798
Ion Ratio	Lower	Upper	
228	100		
226	31.0	25.0	37.6
229	20.3	16.2	24.4

Manual Integrations
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#85

Indeno(1,2,3-cd)pyrene

Concen: 2.232 ng

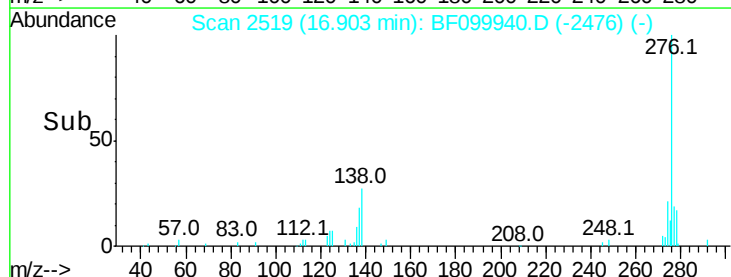
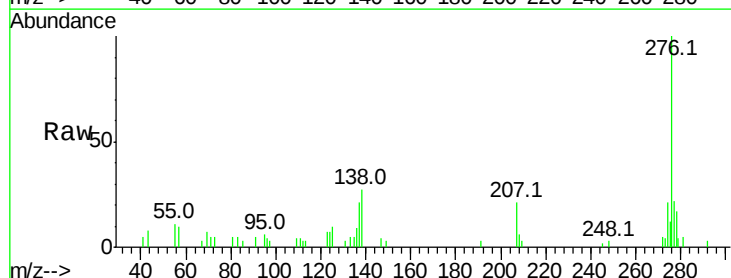
RT: 16.90 min Scan# 2519

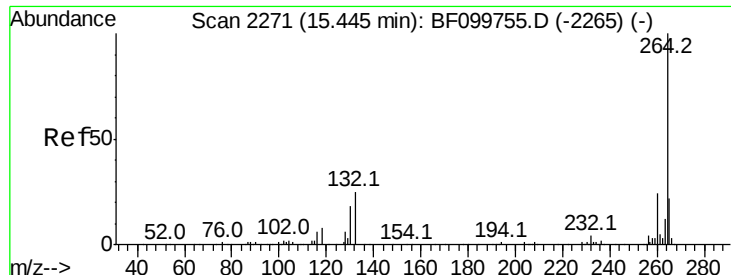
Delta R.T. -0.05 min

Lab File: BF099940.D

Acq: 29 Oct 2017 3:45

Tgt Ion:	276	Resp:	24693
Ion Ratio	Lower	Upper	
276	100		
138	30.0	25.0	37.6
277	24.6	20.1	30.1





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2268

Delta R.T. -0.03 min

Lab File: BF099940.D

Acq: 29 Oct 2017 3:45

Instrument :

BNA_F

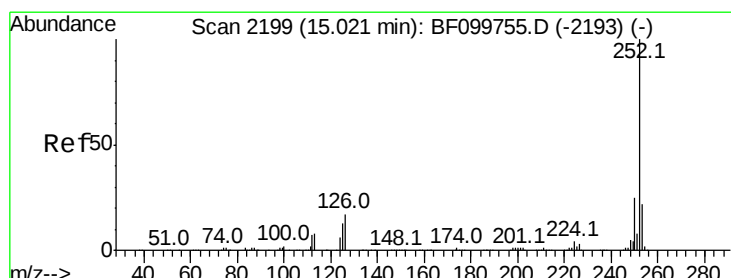
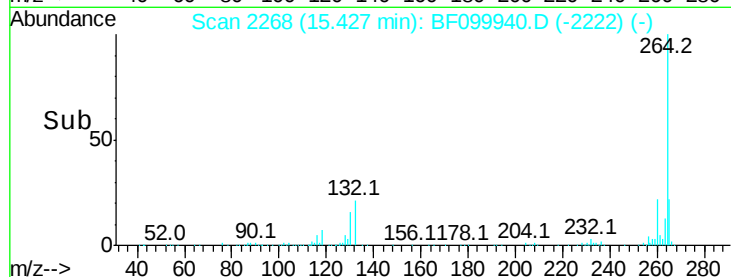
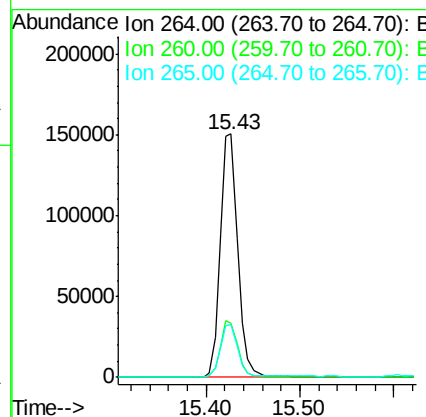
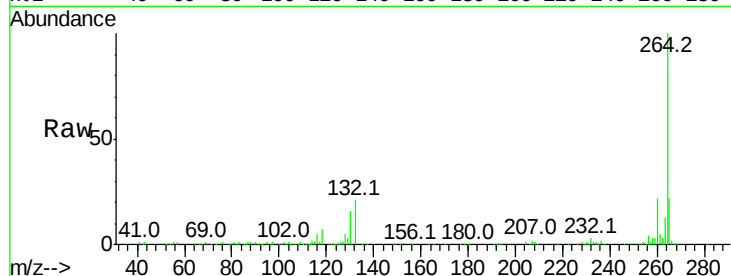
ClientSampleId :

SB-05-COMP

Tot Ion:	264	Resp:	198169
Ion Ratio	Lower	Upper	
264	100		
260	22.2	19.2	28.8
265	21.7	17.5	26.3

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#87

Benzo(b)fluoranthene

Concen: 5.433 ng m

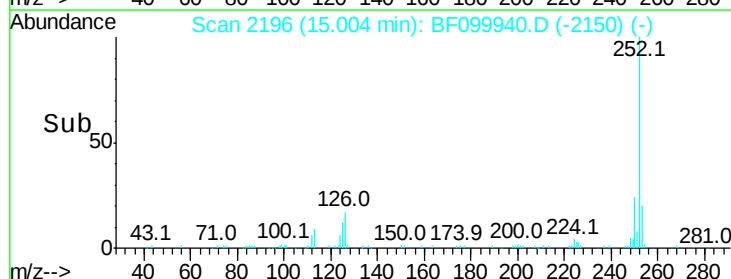
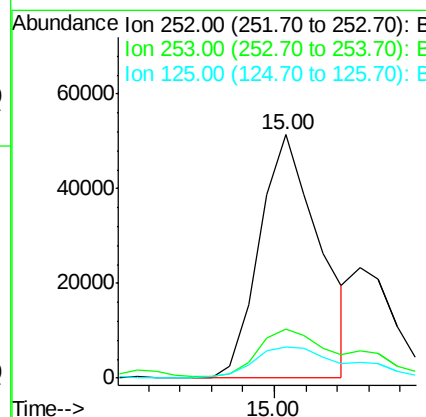
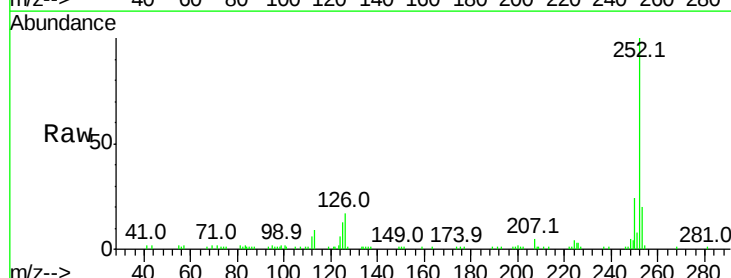
RT: 15.00 min Scan# 2196

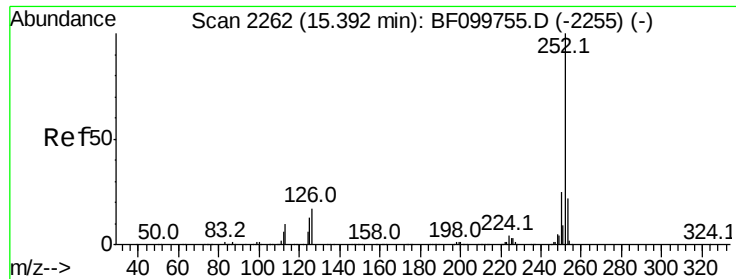
Delta R.T. -0.03 min

Lab File: BF099940.D

Acq: 29 Oct 2017 3:45

Tgt Ion:	252	Resp:	67987
Ion Ratio	Lower	Upper	
252	100		
253	20.1	17.0	25.6
125	12.7	9.0	13.6





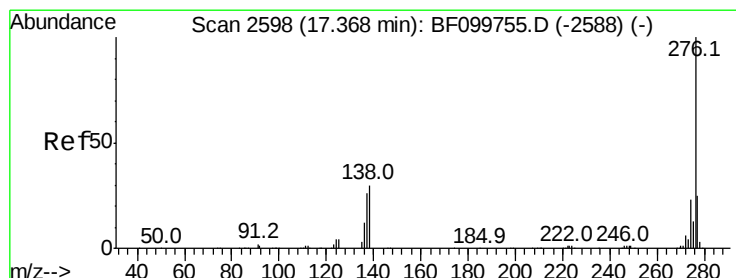
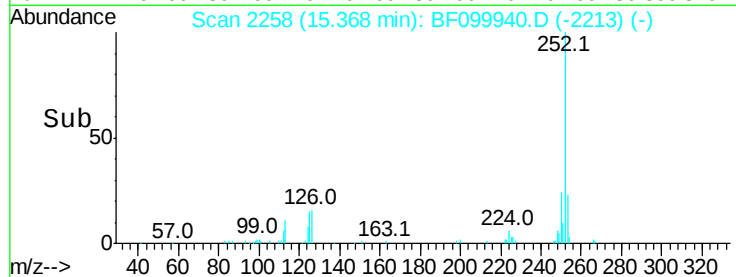
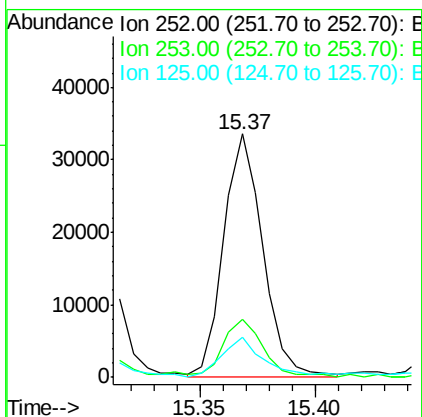
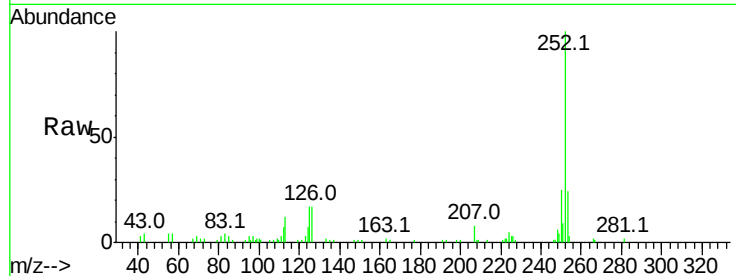
#89
Benzo(a)pyrene
Concen: 3.530 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.04 min
Lab File: BF099940.D
Acq: 29 Oct 2017 3:45

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	16.6	9.8	14.6

Manual Integrations
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Sohil
10/30/2017 6:20:43 PM



#91
Benzo(g,h,i)perylene
Concen: 2.304 ng
RT: 17.35 min Scan# 2595
Delta R.T. -0.05 min
Lab File: BF099940.D
Acq: 29 Oct 2017 3:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.5	17.9	26.9
138	27.7	21.8	32.8

