

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
 Data File : BF100094.D
 Acq On : 2 Nov 2017 19:28
 Operator : SJ/JU
 Sample : I6249-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Manual Integrations
 APPROVED

Sohil
 11/3/2017 11:19:40 AM

Quant Time: Nov 02 20:29:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 18:13:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	81903	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	331908	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	150859	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	232359	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	151918	20.00	ng	-0.02
86) Perylene-d12	15.41	264	148981	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	493312	94.56	ng	0.00
7) Phenol-d6	6.42	99	586257	94.78	ng	-0.01
23) Nitrobenzene-d5	7.34	82	326704	63.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	118061	85.87	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	608794	62.26	ng	-0.01
78) Terphenyl-d14	12.88	244	391520	56.32	ng	-0.02
Target Compounds						
10) Phenol	6.43	94	16142	2.377	ng	Qvalue # 67
49) Dimethylphthalate	9.52	163	109935	9.202	ng	99
70) Phenanthrene	11.32	178	35085	2.676	ng	97
74) Fluoranthene	12.52	202	66045	4.846	ng	99
77) Pyrene	12.75	202	57616	4.988	ng	96
80) Benzo(a)anthracene	13.94	228	23888	2.480	ng	97
82) Chrysene	13.97	228	19988	2.208	ng	98
87) Benzo(b)fluoranthene	14.99	252	26646m	2.832	ng	
89) Benzo(a)pyrene	15.36	252	20285	2.400	ng	# 90

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

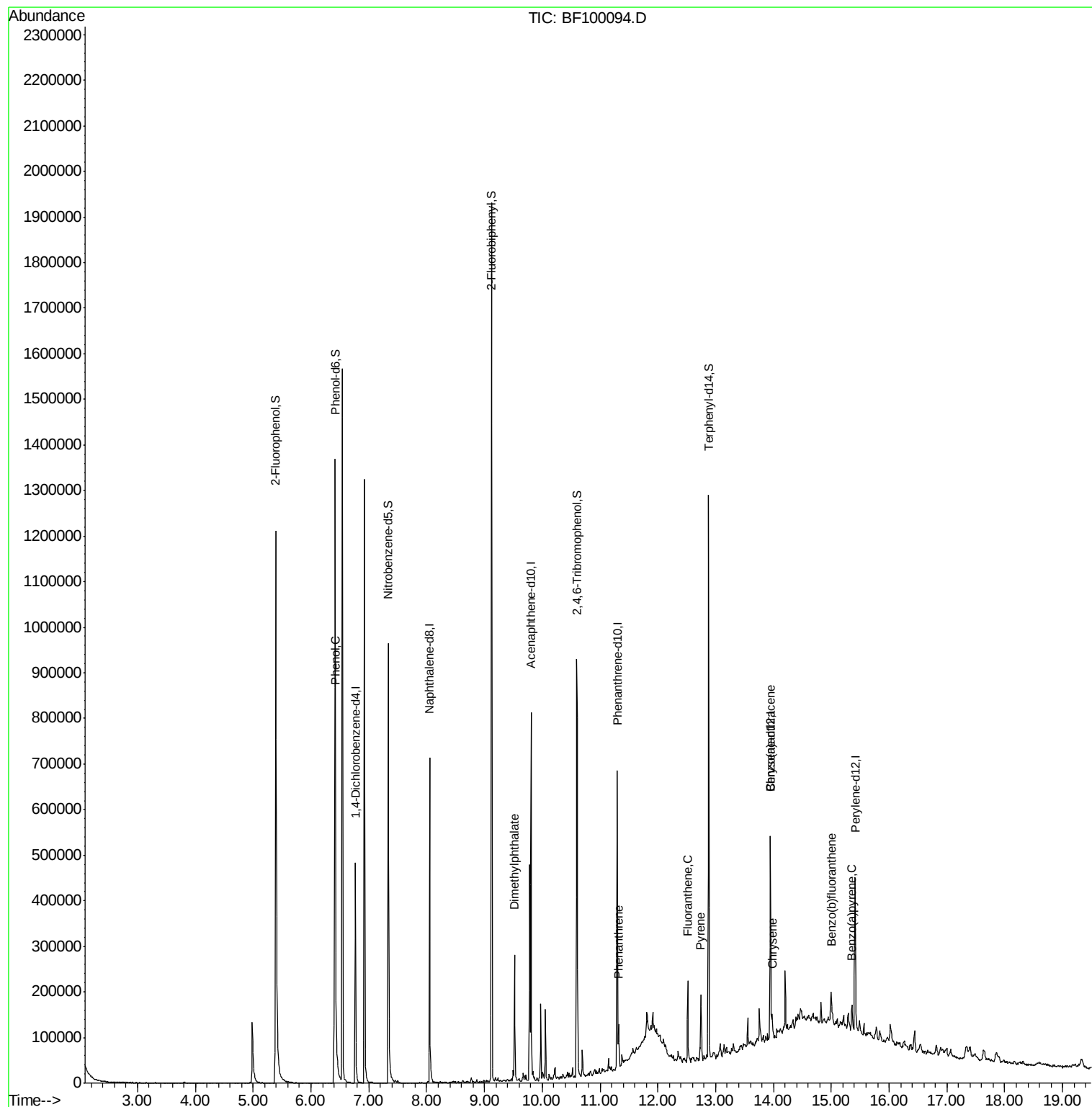
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100094.D
Acq On : 2 Nov 2017 19:28
Operator : SJ/JU
Sample : I6249-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

Manual Integrations
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Quant Time: Nov 02 20:29:27 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 01 18:13:08 2017
Response via : Initial Calibration





#1

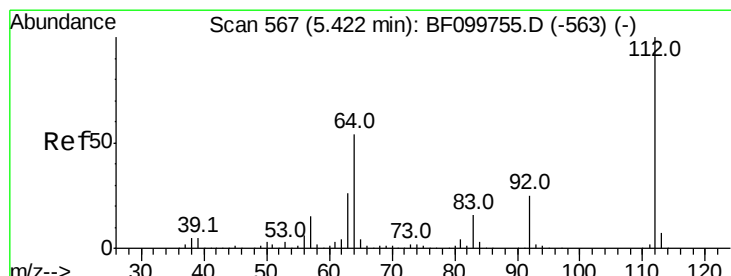
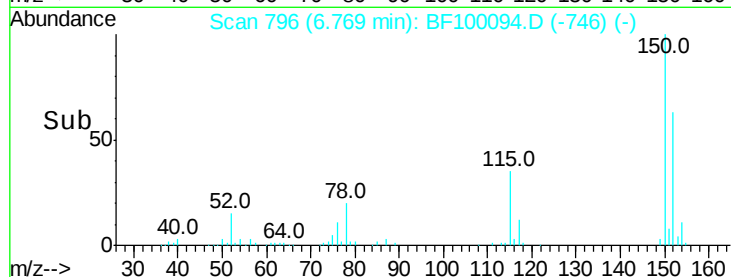
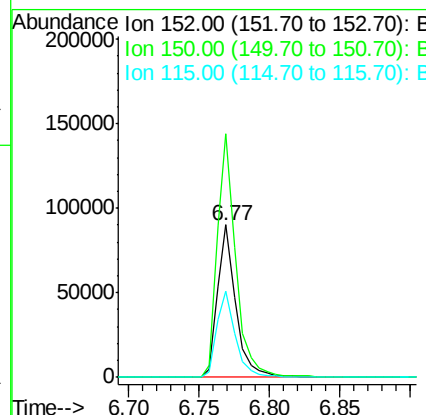
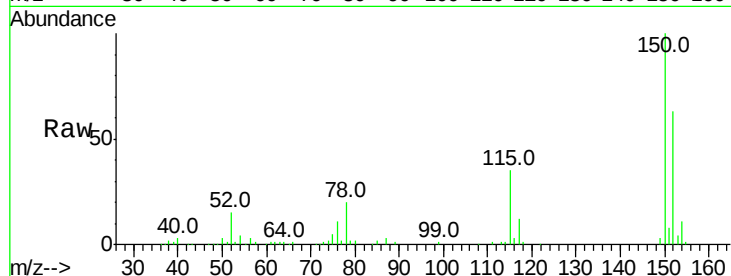
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF100094.D
Acq: 2 Nov 2017 19:28

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	124.6	186.8
115	56.3	50.1	75.1

Manual Integrations
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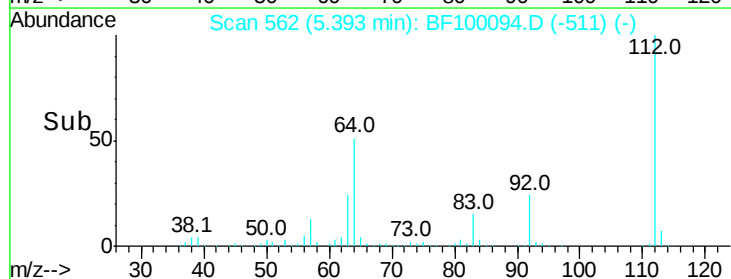
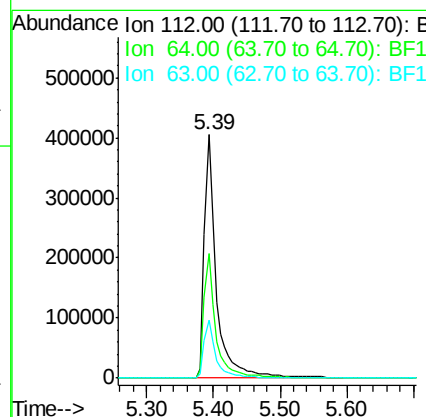
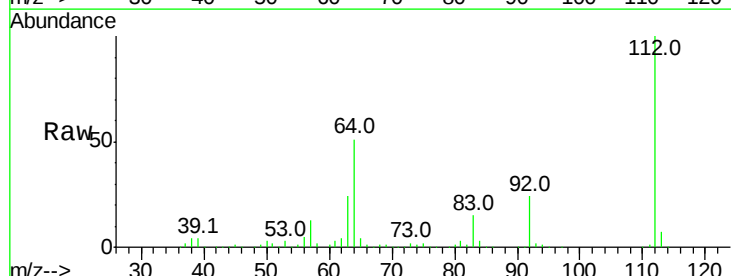
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#5

2-Fluorophenol
Concen: 94.561 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF100094.D
Acq: 2 Nov 2017 19:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.1	47.9	71.9
63	23.9	23.7	35.5





#7

Phenol-d6

Concen: 94.776 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF100094.D

Acq: 2 Nov 2017 19:28

Instrument :

BNA_F

ClientSampleId :

COMP-1

Tot Ion: 99 Resp: 586257

Ion Ratio Lower Upper

99 100

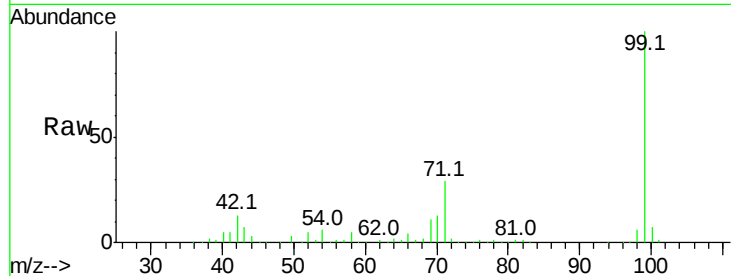
42 13.3 14.5 21.7#

71 28.9 25.4 38.0

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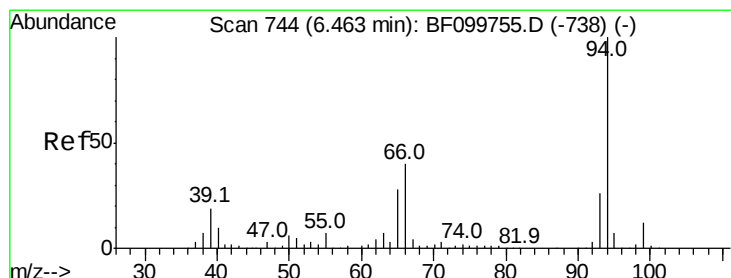
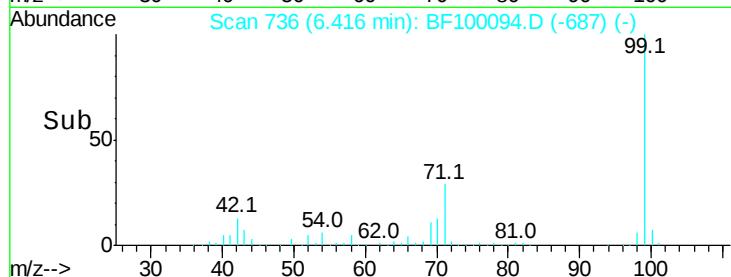
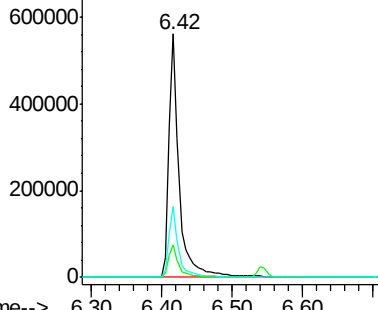
11/3/2017 11:19:40 AM



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.377 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF100094.D

Acq: 2 Nov 2017 19:28

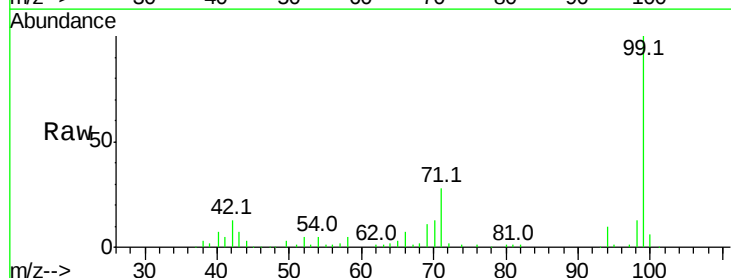
Tgt Ion: 94 Resp: 16142

Ion Ratio Lower Upper

94 100

65 28.6 7.9 47.9

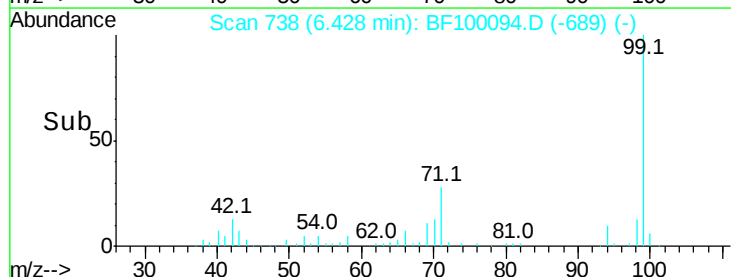
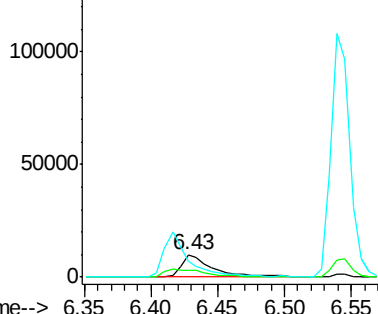
66 70.4 16.2 56.2#

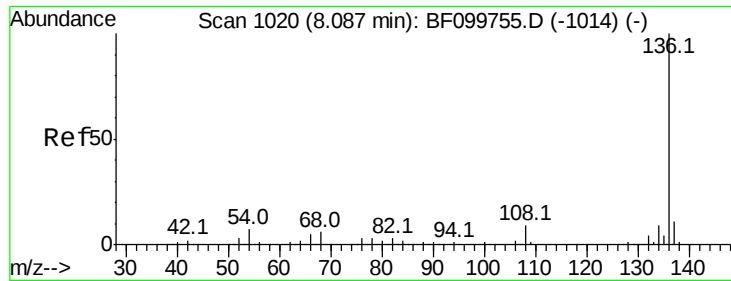


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





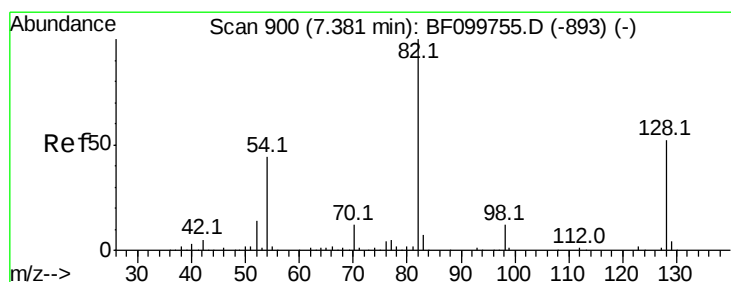
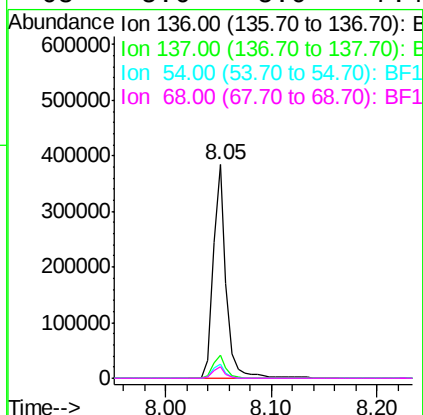
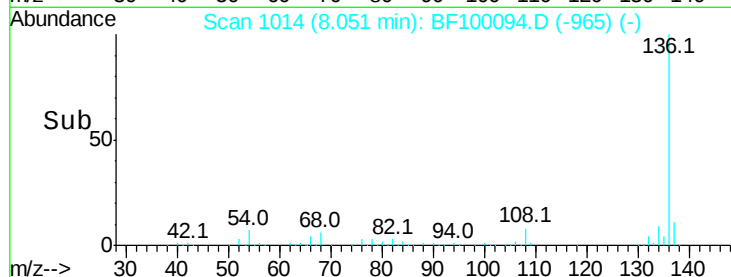
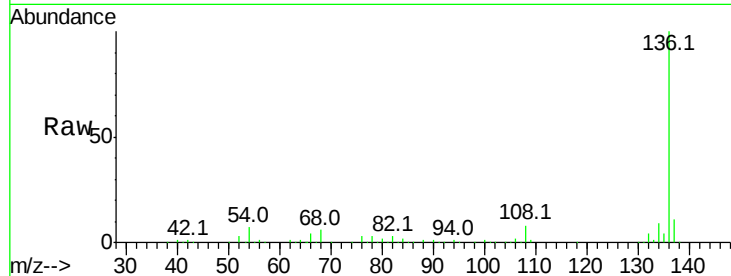
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF100094.D
Acq: 2 Nov 2017 19:28

Instrument :
BNA_F
ClientSampled :
COMP-1

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.5	6.6	9.8
68	5.6	5.0	7.4

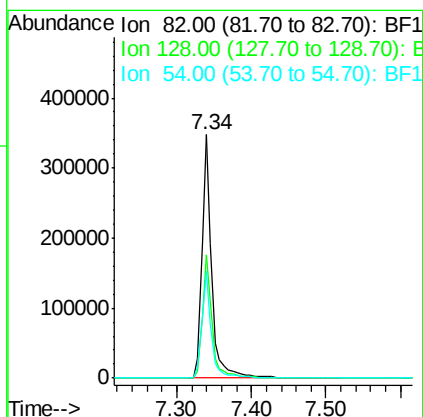
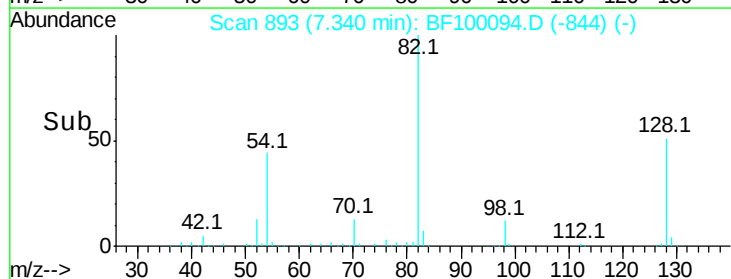
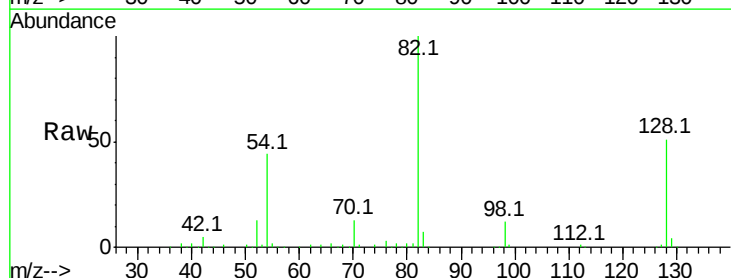
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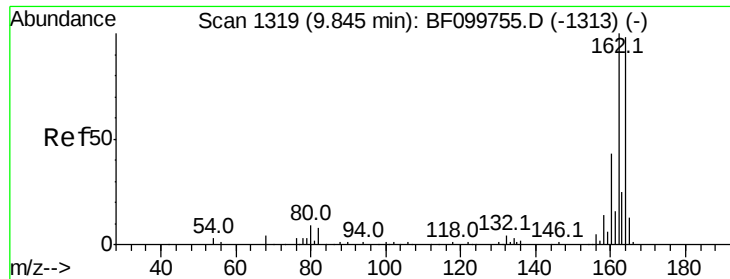
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#23
Nitrobenzene-d5
Concen: 63.371 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100094.D
Acq: 2 Nov 2017 19:28

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	50.7	36.1	54.1
54	43.7	41.4	62.2





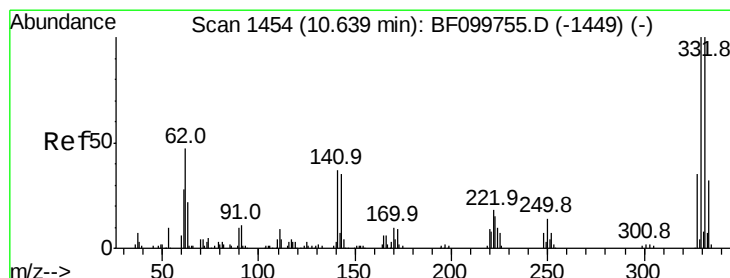
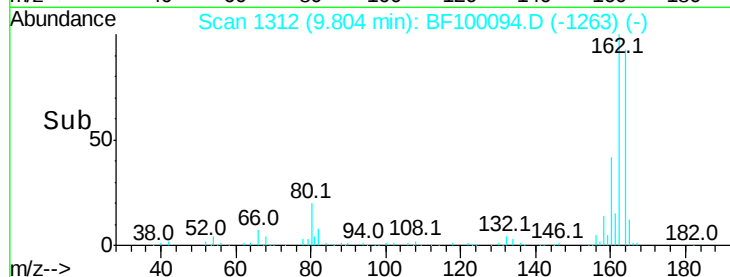
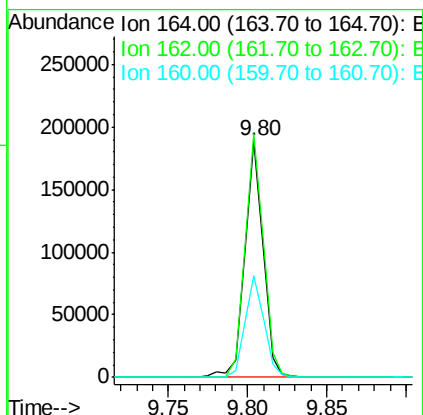
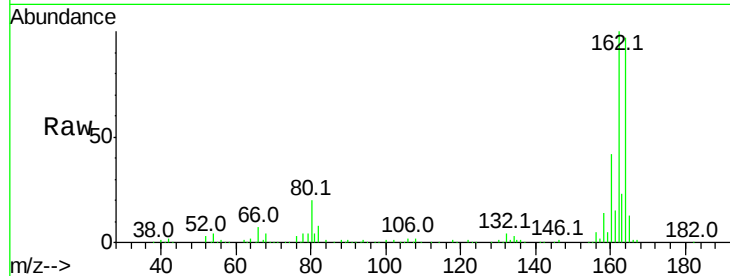
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF100094.D
Acq: 2 Nov 2017 19:28

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.1	86.1	129.1	
160	43.1	38.3	57.5	

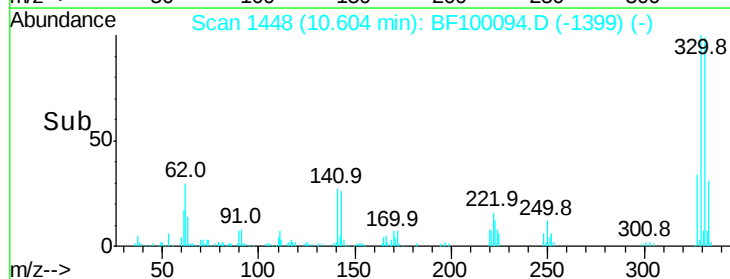
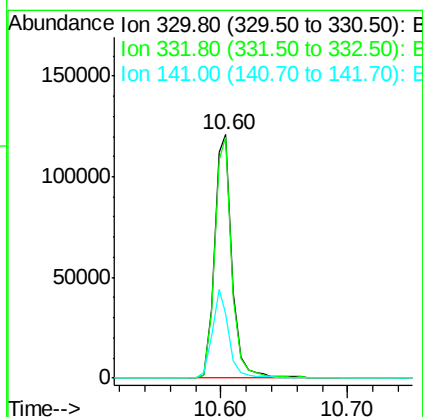
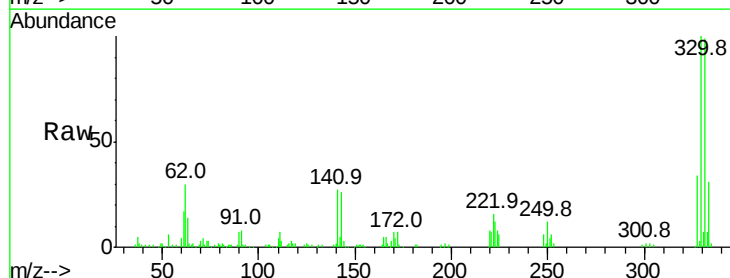
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#41
2,4,6-Tribromophenol
Concen: 85.875 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF100094.D
Acq: 2 Nov 2017 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.0	77.0	115.6	
141	34.7	29.9	44.9	





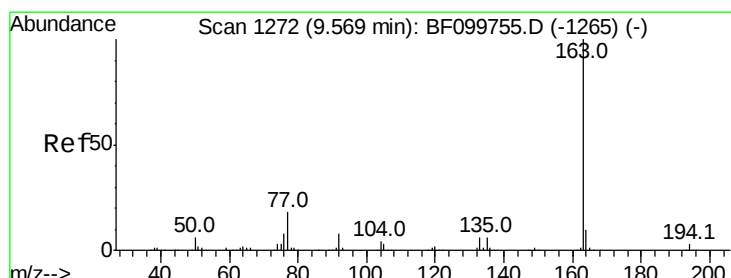
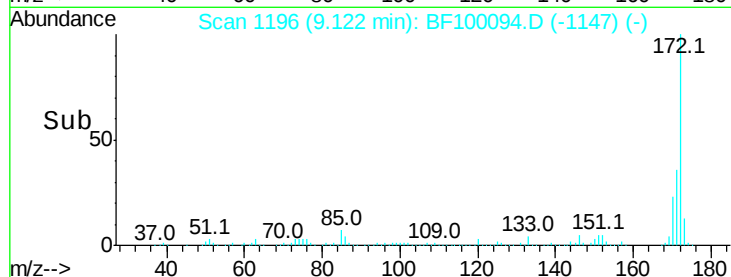
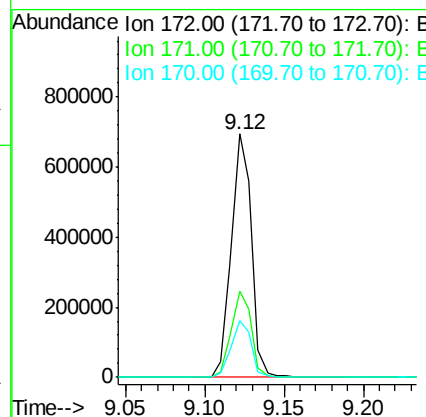
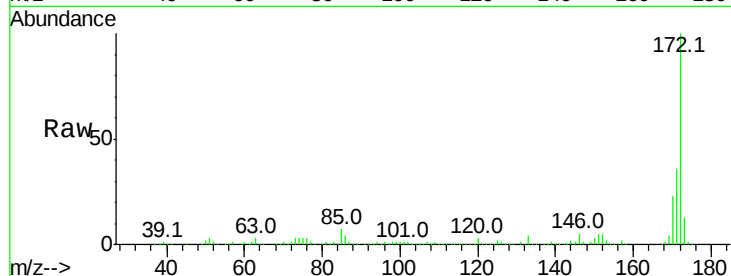
#44
2-Fluorobiphenyl
Concen: 62.262 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF100094.D
Acq: 2 Nov 2017 19:28

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tot Ion	Ratio	Resp	Lower	Upper
172	100	608794		
171	35.6		29.7	44.5
170	23.2		19.6	29.4

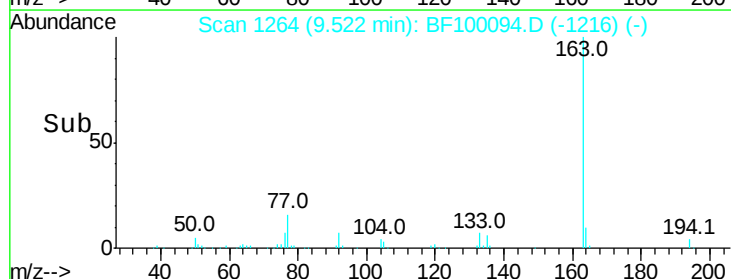
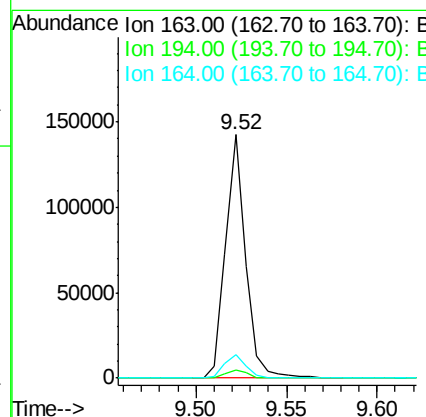
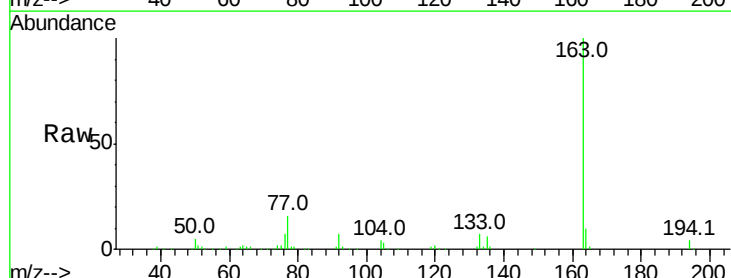
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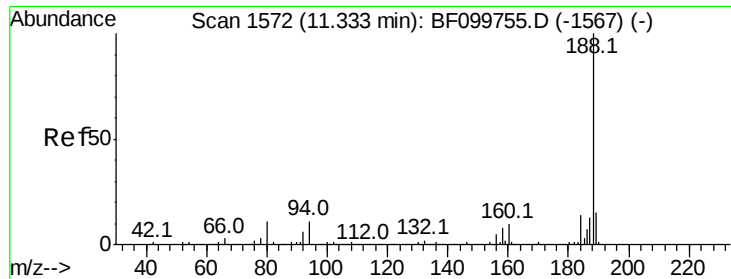
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#49
Dimethylphthalate
Concen: 9.202 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BF100094.D
Acq: 2 Nov 2017 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	109935		
194	3.5		2.7	4.1
164	9.9		8.2	12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BF100094.D

Acq: 2 Nov 2017 19:28

Instrument :

BNA_F

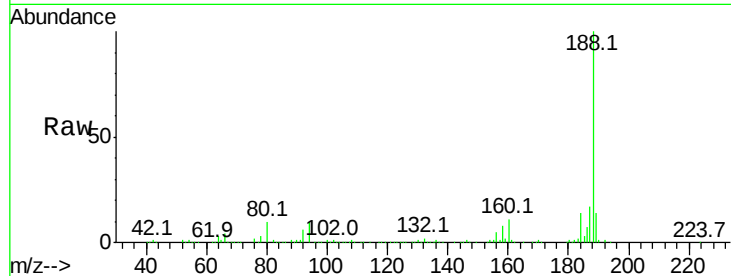
ClientSampleId :

COMP-1

Tot Ion:	188	Resp:	232359
Ion Ratio	Lower	Upper	
188	100		
94	9.8	8.5	12.7
80	10.3	9.2	13.8

Manual Integrations
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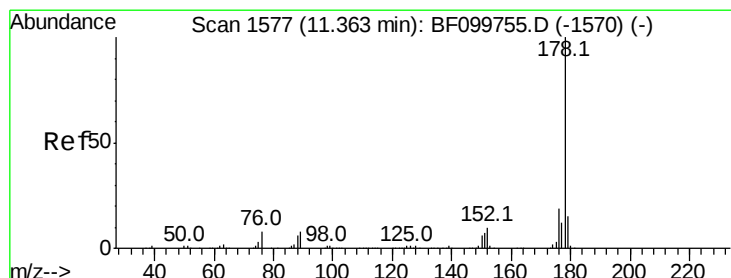
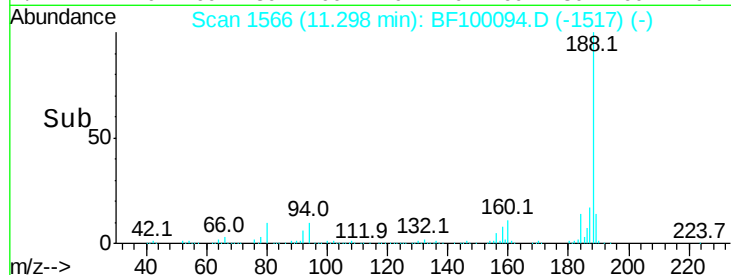
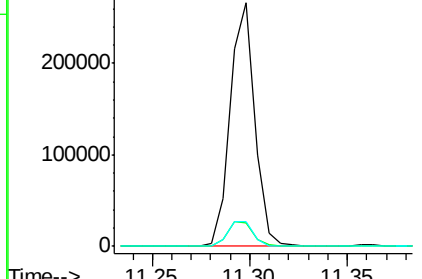
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#70

Phenanthrene

Concen: 2.676 ng

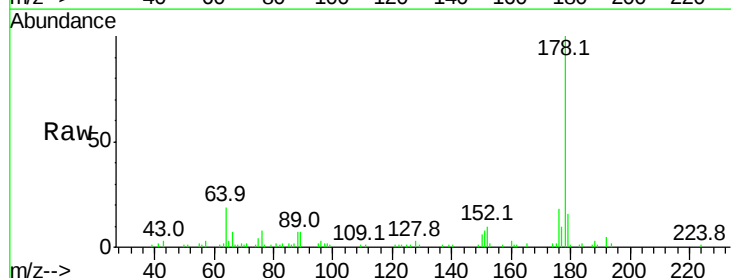
RT: 11.32 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BF100094.D

Acq: 2 Nov 2017 19:28

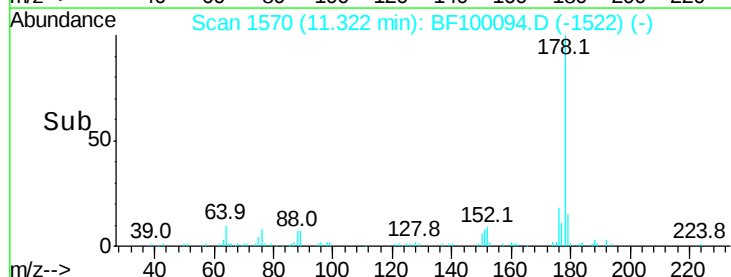
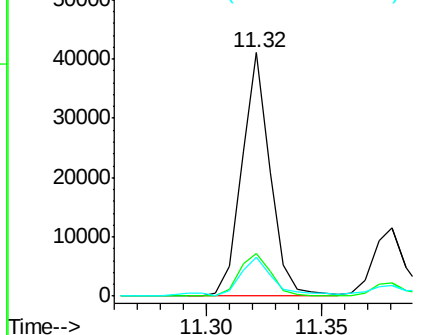
Tgt Ion:	178	Resp:	35085
Ion Ratio	Lower	Upper	
178	100		
176	17.5	15.8	23.8
179	15.8	13.0	19.6

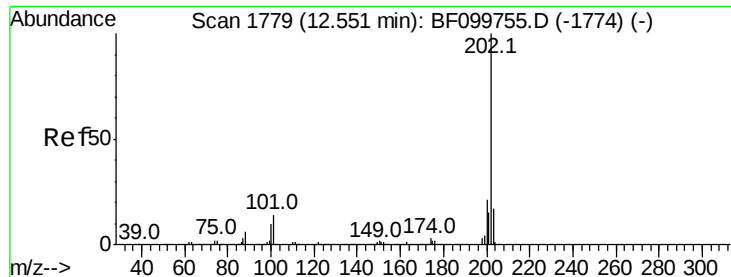


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 4.846 ng

RT: 12.52 min Scan# 1773

Delta R.T. -0.02 min

Lab File: BF100094.D

Acq: 2 Nov 2017 19:28

Instrument :

BNA_F

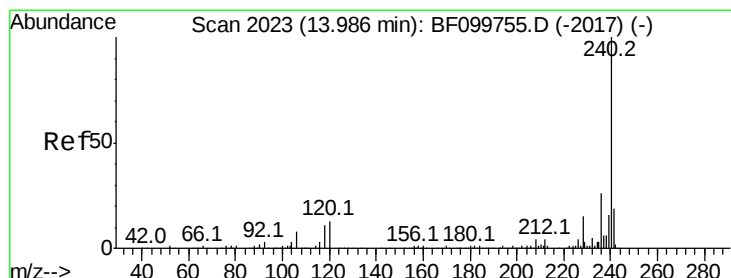
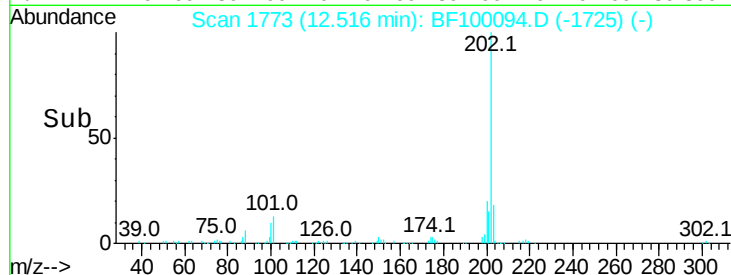
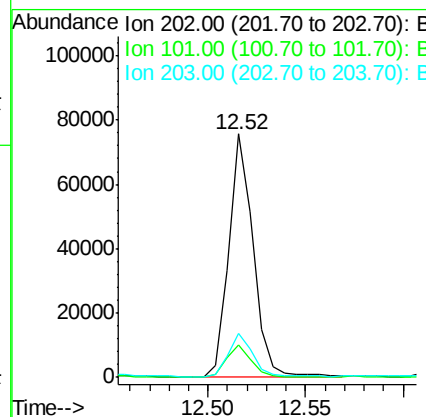
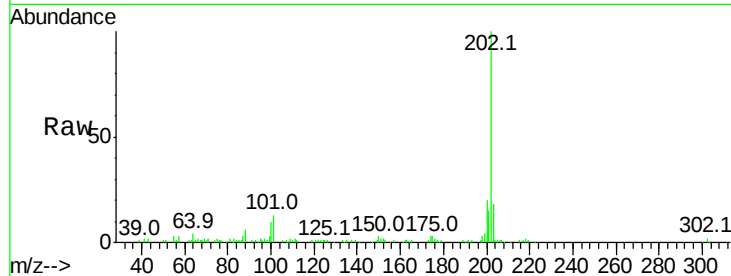
ClientSampled :

COMP-1

Tot Ion:	202	Resp:	66045
Ion Ratio	Lower	Upper	
202	100		
101	13.2	0.0	34.1
203	18.1	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

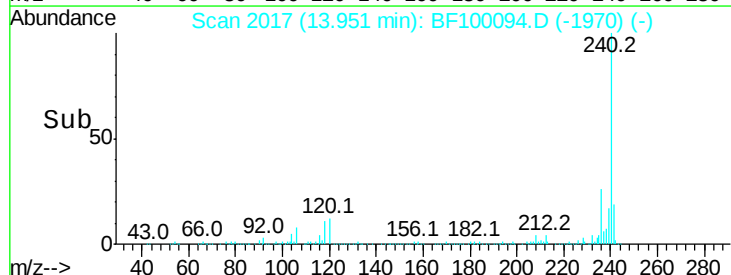
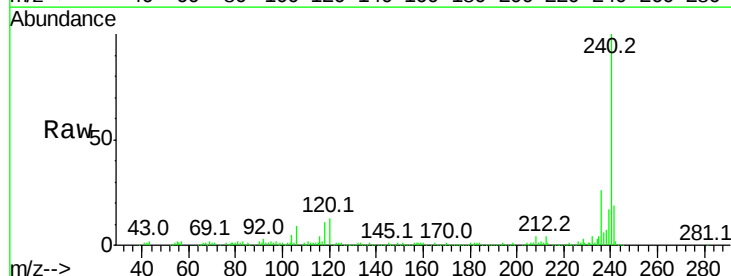
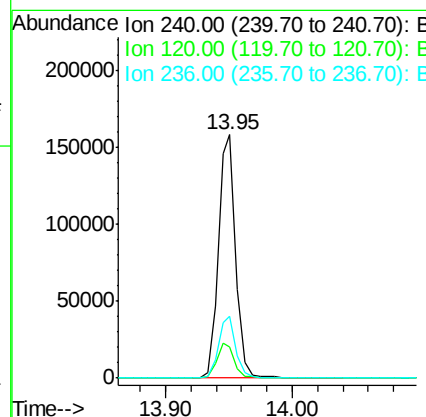
RT: 13.95 min Scan# 2017

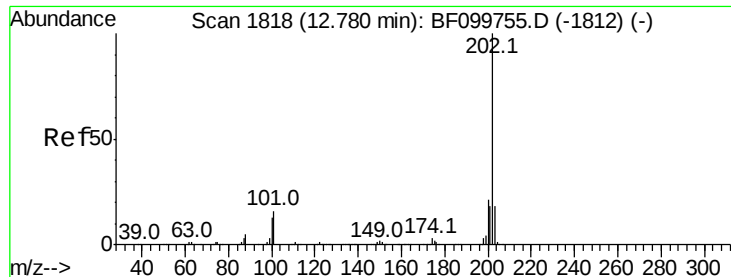
Delta R.T. -0.02 min

Lab File: BF100094.D

Acq: 2 Nov 2017 19:28

Tgt Ion:	240	Resp:	151918
Ion Ratio	Lower	Upper	
240	100		
120	12.8	9.5	14.3
236	25.5	20.7	31.1





#77

Pvrene

Concen: 4.988 ng

RT: 12.75 min Scan# 1812

Delta R.T. -0.02 min

Lab File: BF100094.D

Acq: 2 Nov 2017 19:28

Instrument :

BNA_F

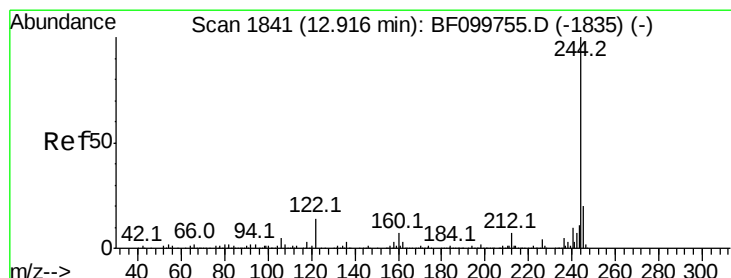
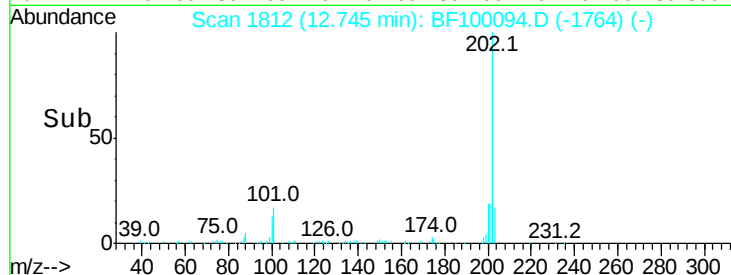
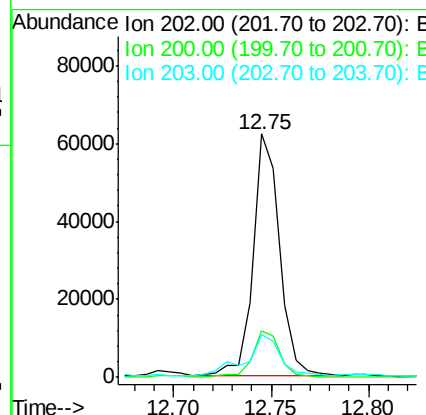
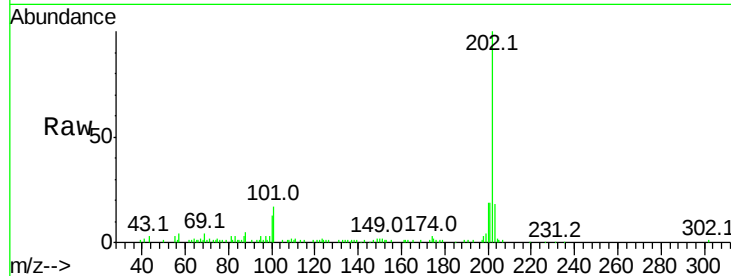
ClientSampleId :

COMP-1

Tot Ion:	202	Resp:	57616
Ion Ratio	Lower	Upper	
202	100		
200	18.9	17.4	26.2
203	17.7	14.3	21.5

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#78

Terphenyl-d14

Concen: 56.321 ng

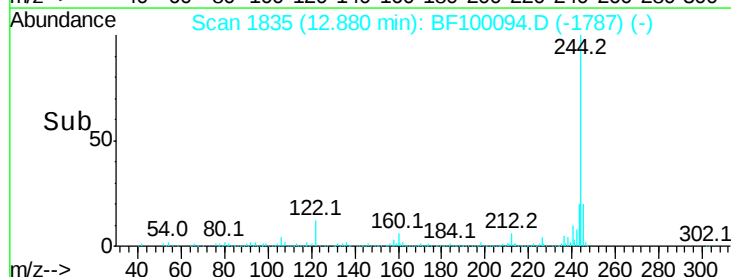
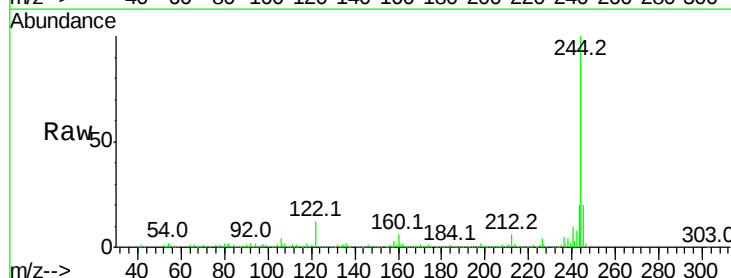
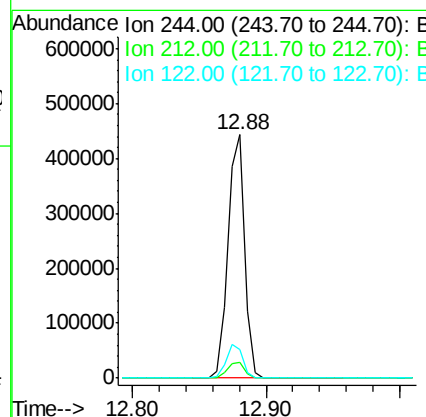
RT: 12.88 min Scan# 1835

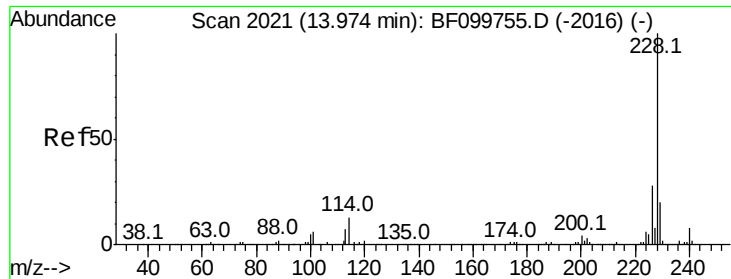
Delta R.T. -0.02 min

Lab File: BF100094.D

Acq: 2 Nov 2017 19:28

Tgt Ion:	244	Resp:	391520
Ion Ratio	Lower	Upper	
244	100		
212	6.5	5.4	8.0
122	11.9	11.0	16.4





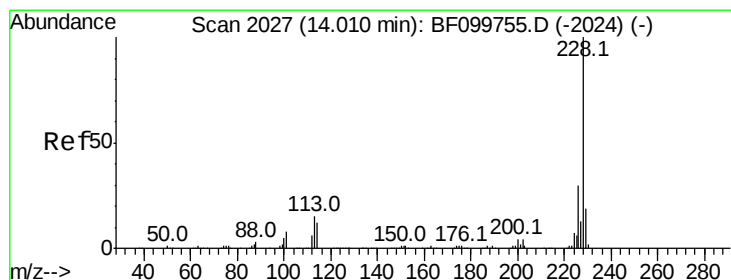
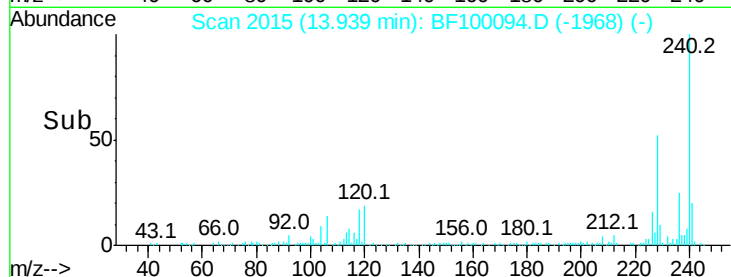
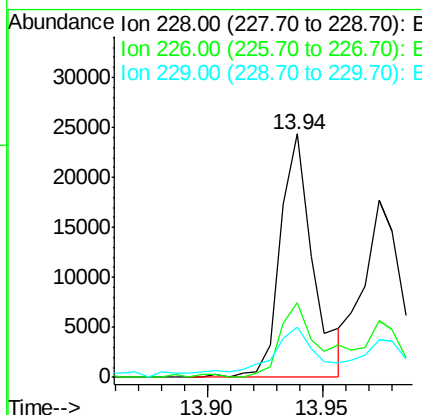
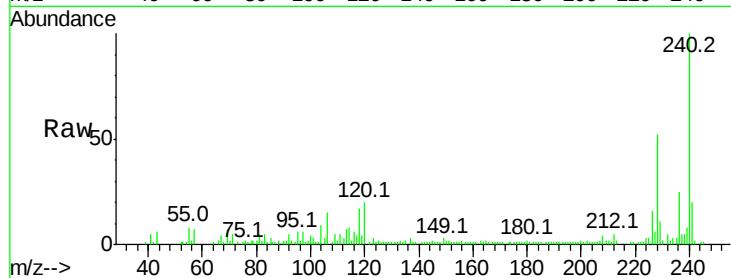
#80
Benzo(a)anthracene
Concen: 2.480 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BF100094.D
Acq: 2 Nov 2017 19:28

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.6	33.8
229	20.6	15.8	23.6

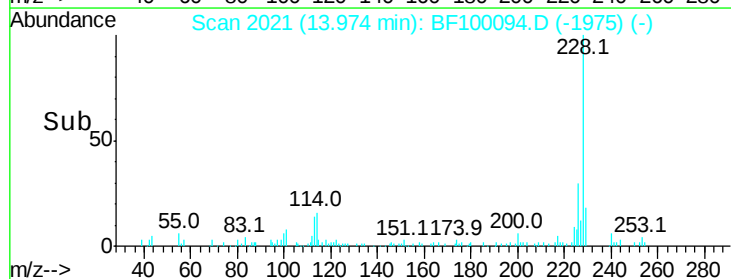
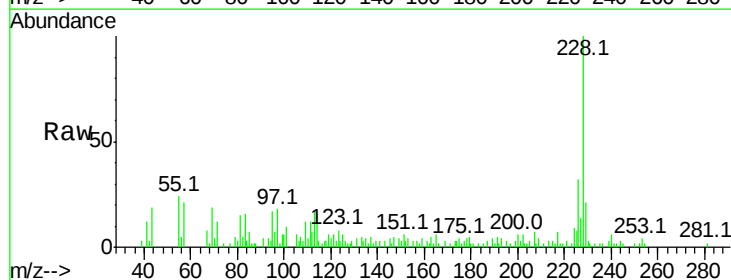
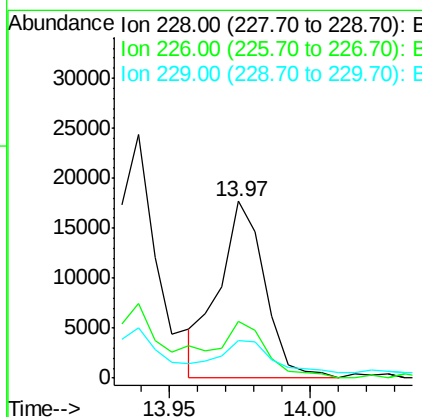
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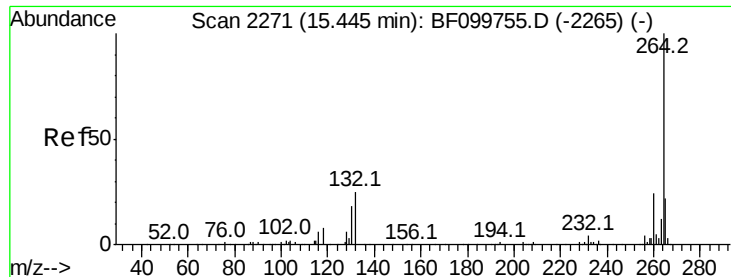
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#82
Chrysene
Concen: 2.208 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.03 min
Lab File: BF100094.D
Acq: 2 Nov 2017 19:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.0	37.6
229	21.0	16.2	24.4





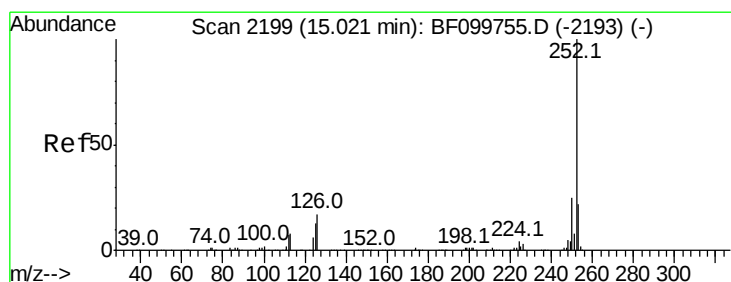
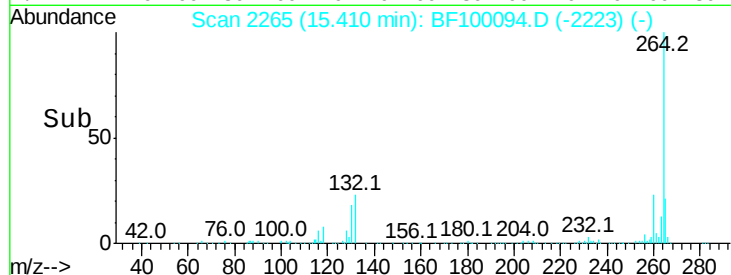
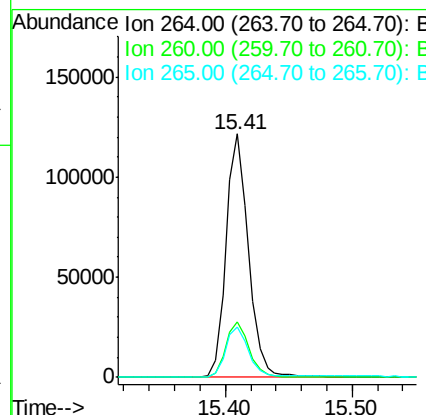
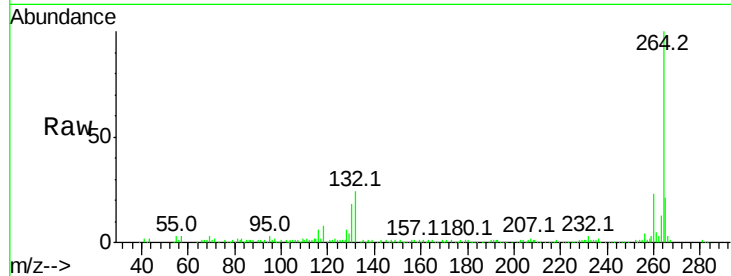
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.05 min
Lab File: BF100094.D
Acq: 2 Nov 2017 19:28

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.0	19.2	28.8	
265	20.9	17.5	26.3	

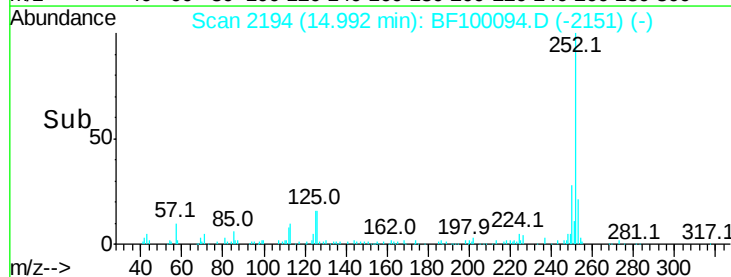
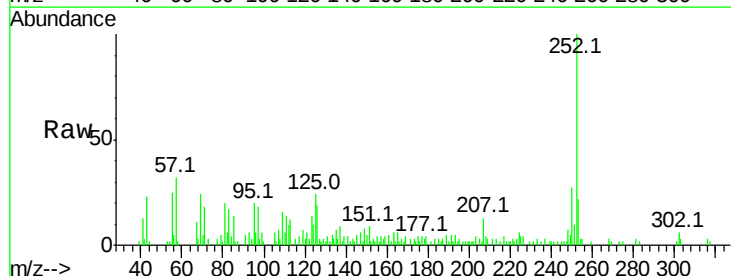
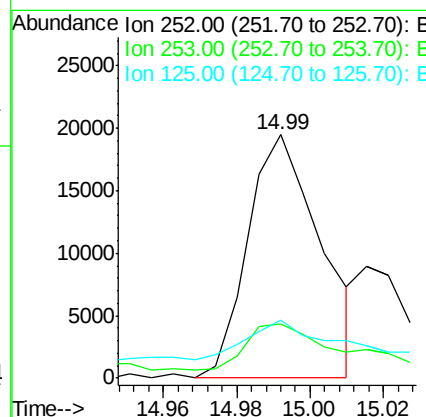
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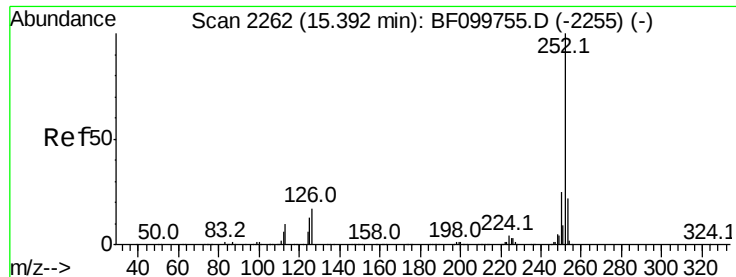
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#87
Benzo(b)fluoranthene
Concen: 2.832 ng m
RT: 14.99 min Scan# 2194
Delta R.T. -0.05 min
Lab File: BF100094.D
Acq: 2 Nov 2017 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.1	17.0	25.6	
125	23.6	9.0	13.6	





#89

Benzo(a)pyrene

Concen: 2.400 ng

RT: 15.36 min Scan# 2256

Delta R.T. -0.05 min

Lab File: BF100094.D

Acq: 2 Nov 2017 19:28

Instrument :

BNA_F

ClientSampleId :

COMP-1

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.9	17.1	25.7
125	20.5	9.8	14.6

Manual Integrations
APPROVED

Sohil
11/3/2017 11:19:40 AM

