

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
 Data File : BF100147.D
 Acq On : 3 Nov 2017 20:59
 Operator : SJ/JU
 Sample : I6079-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4-FILL(3-4)

Manual Integrations
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Quant Time: Nov 03 23:50:58 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	95468	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	394954	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	174271	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	283260	20.00	ng	0.00
75) Chrysene-d12	13.95	240	148389	20.00	ng	0.00
86) Perylene-d12	15.41	264	153356	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	475222	78.15	ng	0.00
7) Phenol-d6	6.42	99	594251	82.42	ng	-0.01
23) Nitrobenzene-d5	7.34	82	340951	55.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	111876	70.44	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	645959	57.19	ng	0.00
78) Terphenyl-d14	12.87	244	383063	56.41	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.43	94	40579	5.126	ng	87
49) Dimethylphthalate	9.52	163	214511	15.543	ng	100
70) Phenanthrene	11.32	178	108371	6.779	ng	97
74) Fluoranthene	12.52	202	92207	5.550	ng	98
77) Pyrene	12.74	202	75587	6.699	ng	98
80) Benzo(a)anthracene	13.94	228	29511	3.137	ng	96
82) Chrysene	13.98	228	28673	3.242	ng	97
87) Benzo(b)fluoranthene	14.99	252	33020m	3.410	ng	
89) Benzo(a)pyrene	15.36	252	27397	3.150	ng	# 94

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

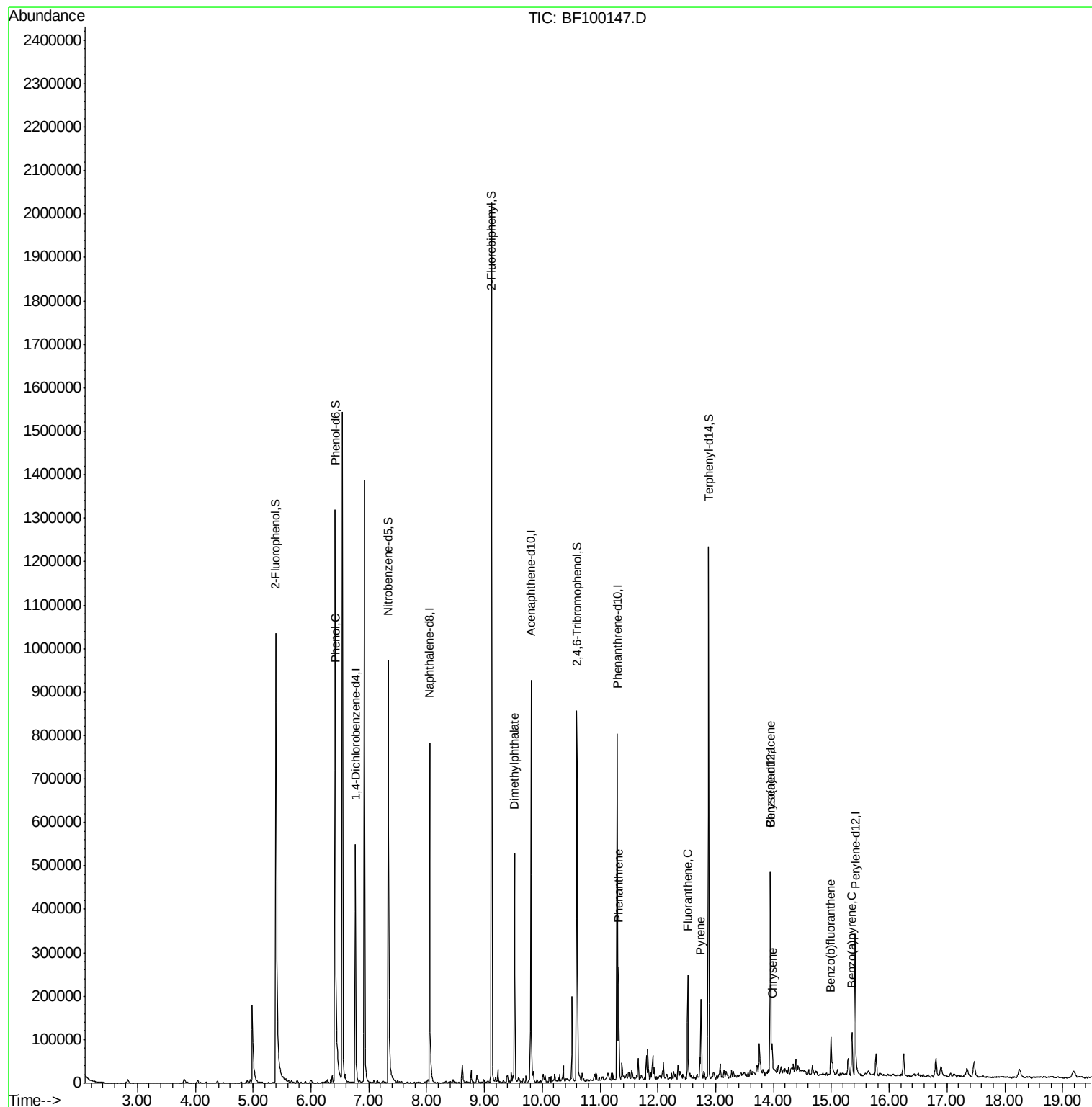
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
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Acq On : 3 Nov 2017 20:59
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Misc :
ALS Vial : 18 Sample Multiplier: 1

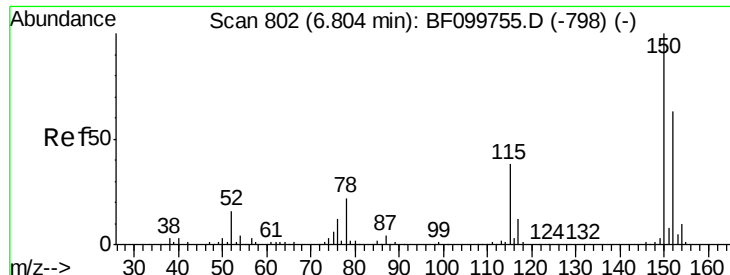
Instrument :
BNA_F
ClientSampleId :
SB-4-FILL(3-4)

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Quant Time: Nov 03 23:50:58 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

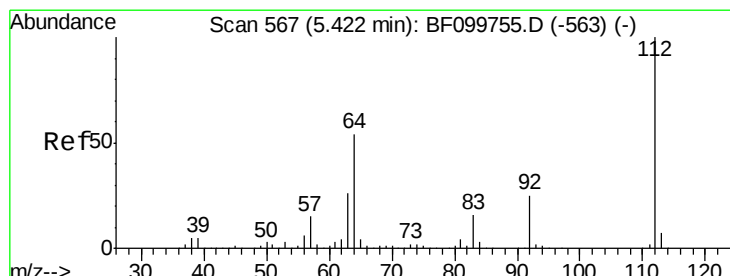
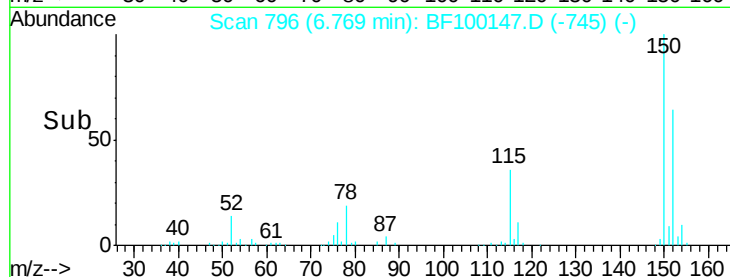
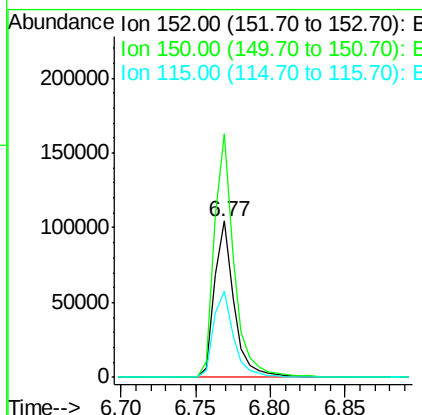
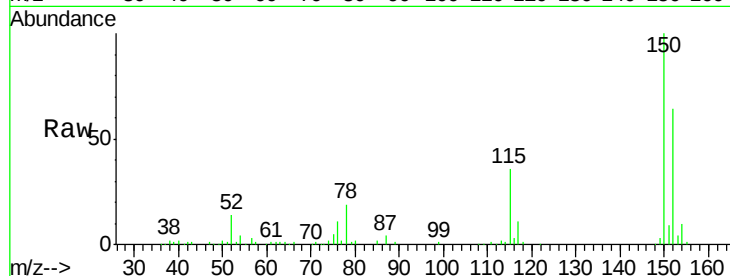
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF100147.D
Acq: 3 Nov 2017 20:59

Instrument :
BNA_F
ClientSampleId :
SB-4-FILL(3-4)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	55.3	50.1	75.1

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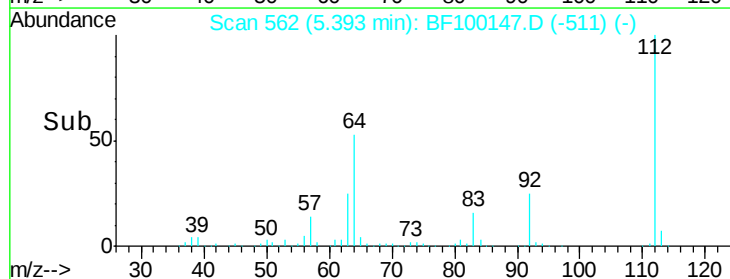
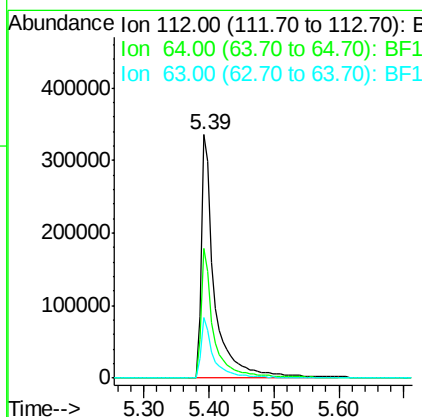
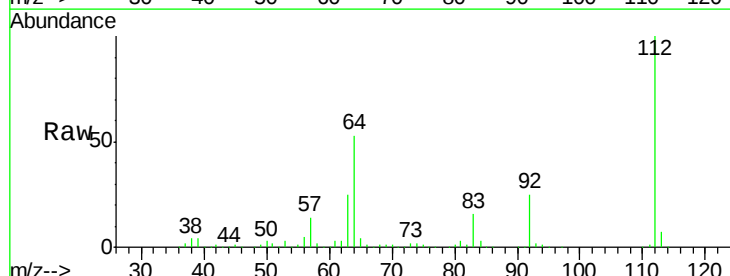
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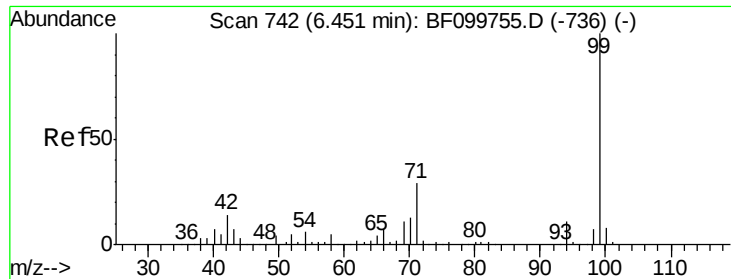


#5

2-Fluorophenol
Concen: 78.150 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF100147.D
Acq: 3 Nov 2017 20:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.0	47.9	71.9
63	24.7	23.7	35.5





#7

Phenol-d6

Concen: 82.418 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF100147.D

Acq: 3 Nov 2017 20:59

Instrument :

BNA_F

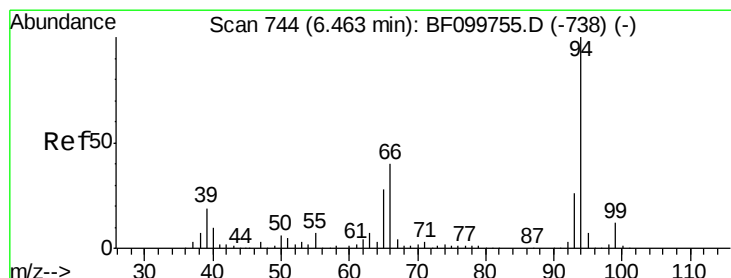
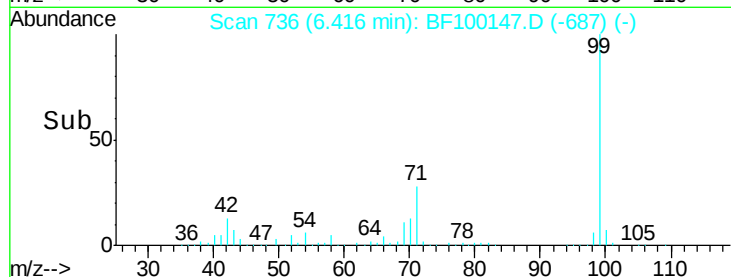
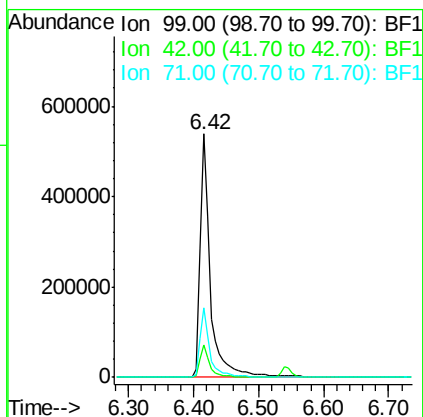
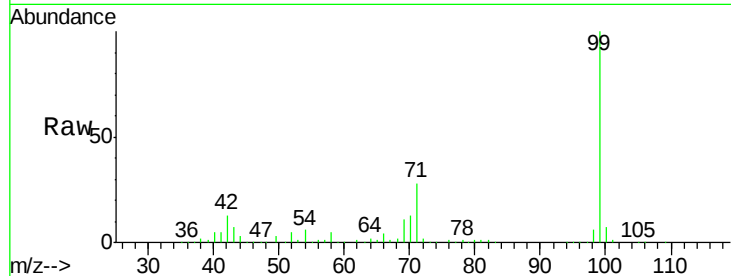
ClientSampleId :

SB-4-FILL(3-4)

Tgt Ion:	99	Resp:	594251
Ion Ratio	Lower	Upper	
99	100		
42	13.5	14.5	21.7#
71	28.4	25.4	38.0

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#10

Phenol

Concen: 5.126 ng

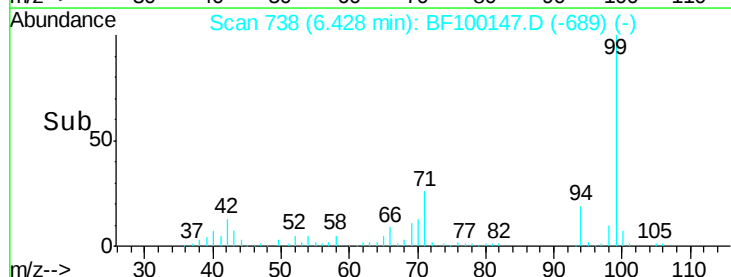
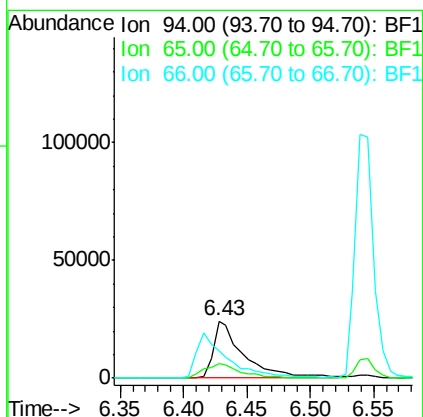
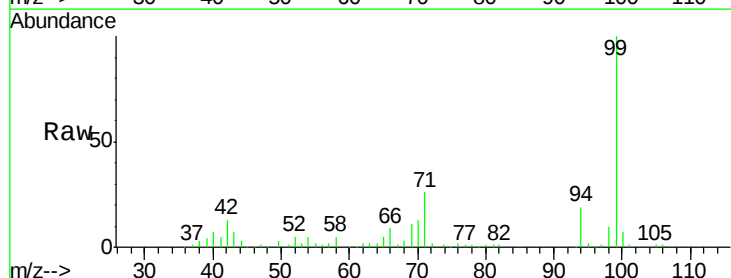
RT: 6.43 min Scan# 738

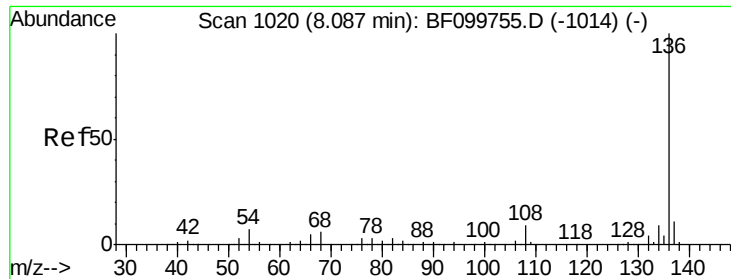
Delta R.T. -0.01 min

Lab File: BF100147.D

Acq: 3 Nov 2017 20:59

Tgt Ion:	94	Resp:	40579
Ion Ratio	Lower	Upper	
94	100		
65	26.2	7.9	47.9
66	47.8	16.2	56.2





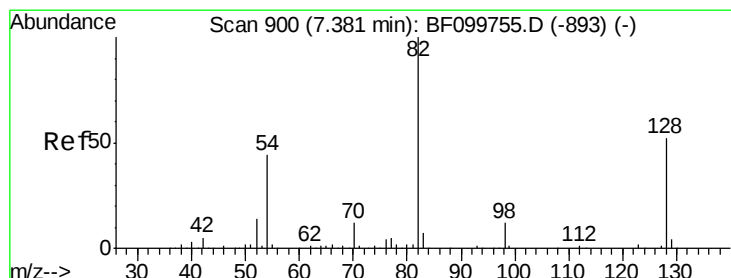
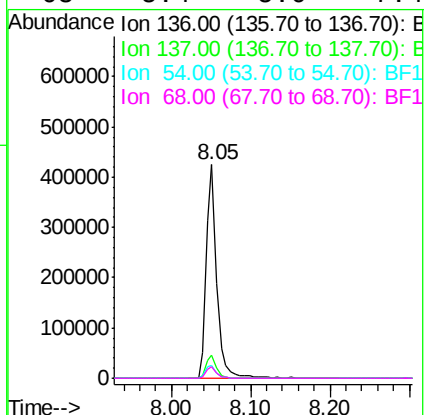
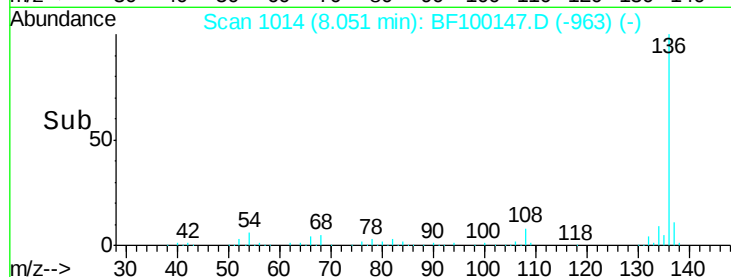
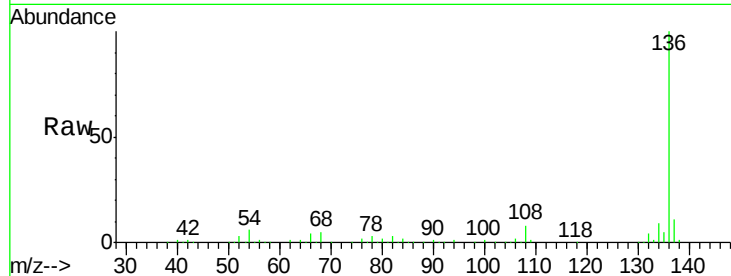
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF100147.D
Acq: 3 Nov 2017 20:59

Instrument :
BNA_F
ClientSampleId :
SB-4-FILL(3-4)

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	394954		
137	10.8	8.9	13.3	
54	6.1	6.6	9.8	
68	5.4	5.0	7.4	

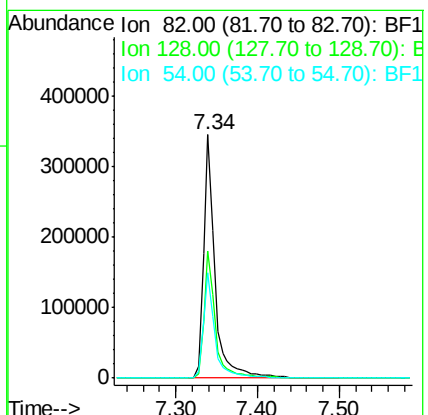
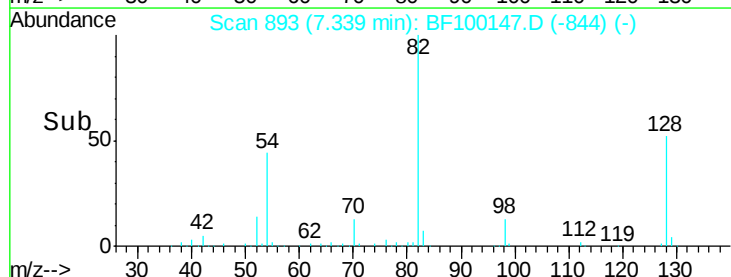
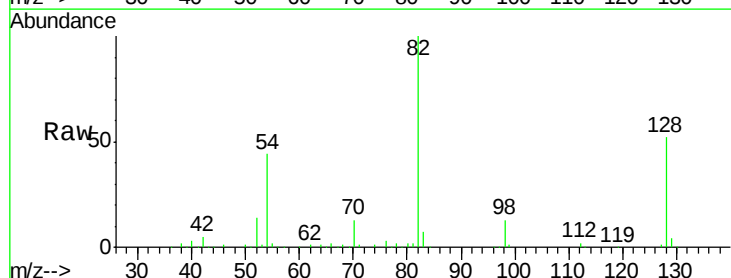
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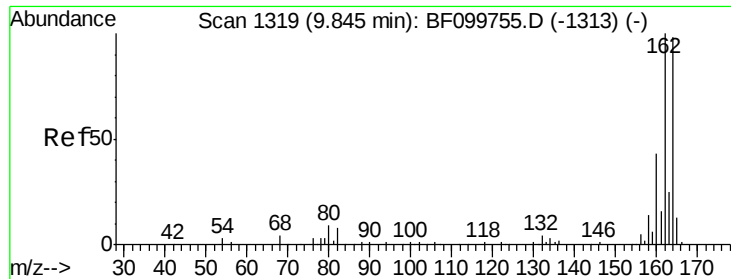
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#23
Nitrobenzene-d5
Concen: 55.578 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100147.D
Acq: 3 Nov 2017 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	340951		
128	52.2	36.1	54.1	
54	43.5	41.4	62.2	





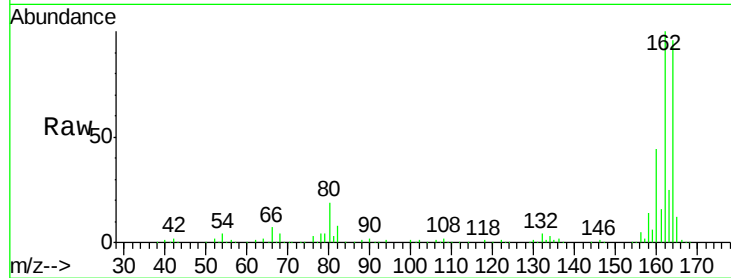
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF100147.D
Acq: 3 Nov 2017 20:59

Instrument :
BNA_F
ClientSampleId :
SB-4-FILL(3-4)

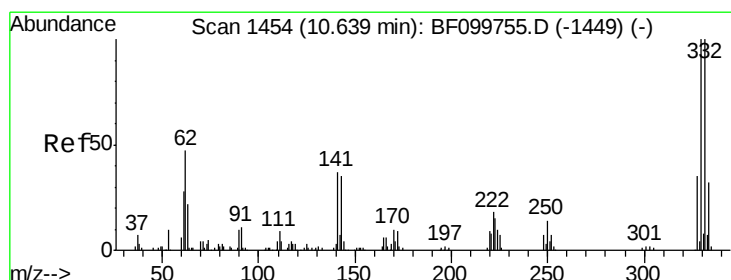
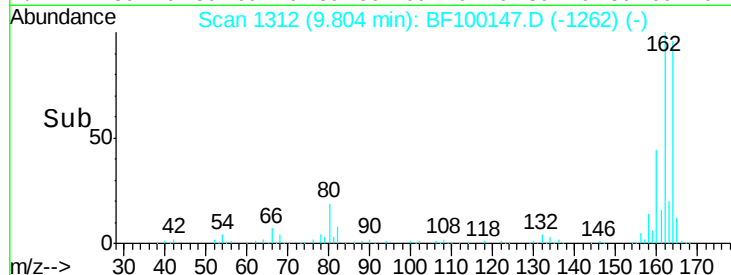
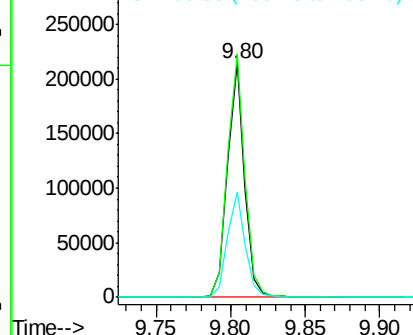
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	174271		
162	103.9	86.1	129.1	
160	45.2	38.3	57.5	

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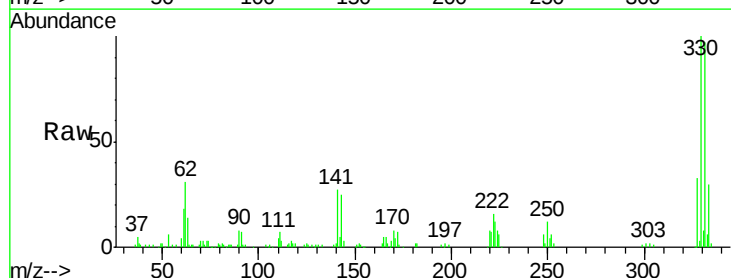


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

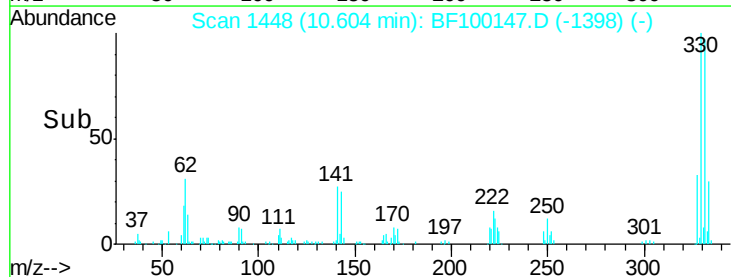
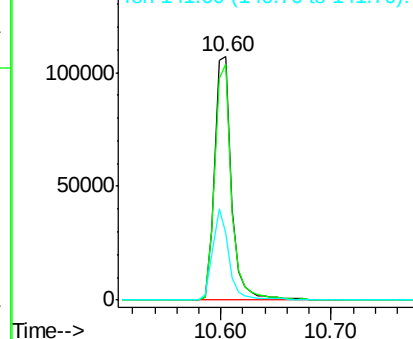


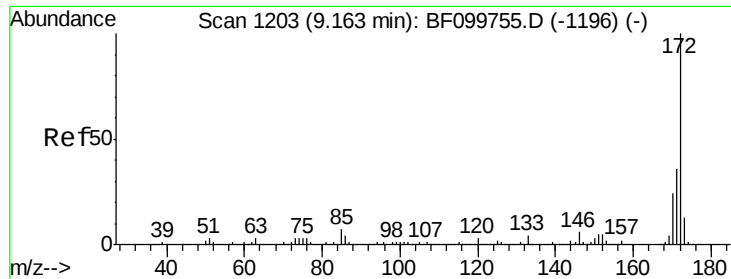
#41
2,4,6-Tribromophenol
Concen: 70.444 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF100147.D
Acq: 3 Nov 2017 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	111876		
332	95.4	77.0	115.6	
141	35.8	29.9	44.9	



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





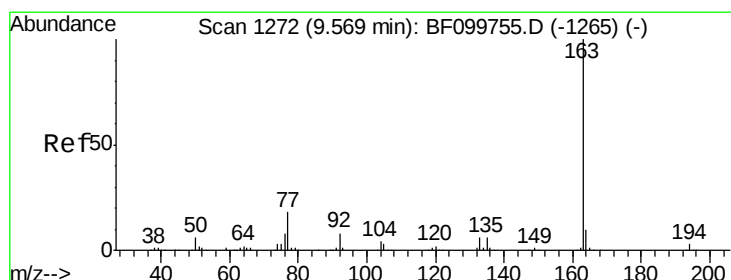
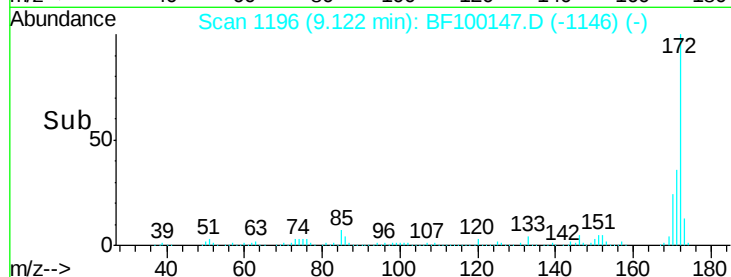
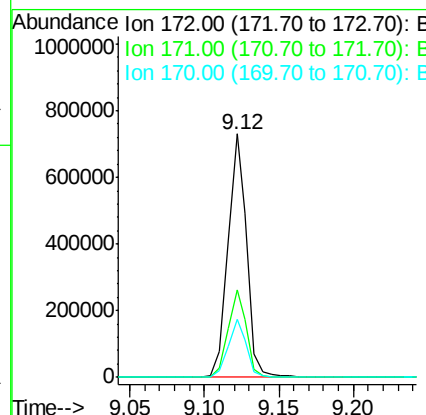
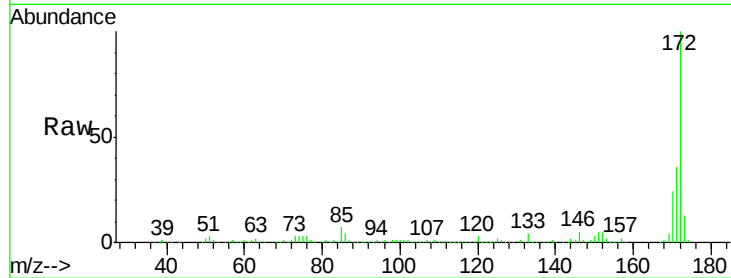
#44
2-Fluorobiphenyl
Concen: 57.187 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF100147.D
Acq: 3 Nov 2017 20:59

Instrument :
BNA_F
ClientSampleId :
SB-4-FILL(3-4)

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	36.0	29.7	44.5
170	23.7	19.6	29.4

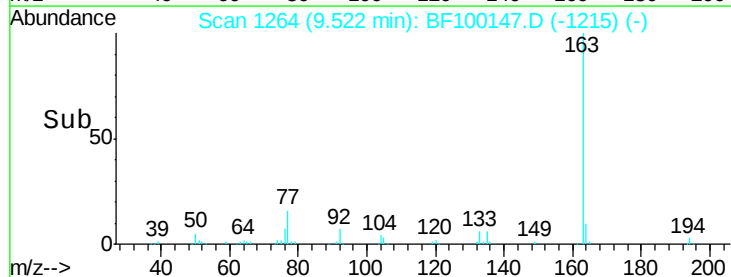
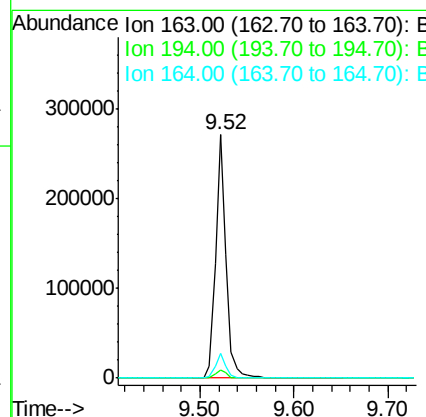
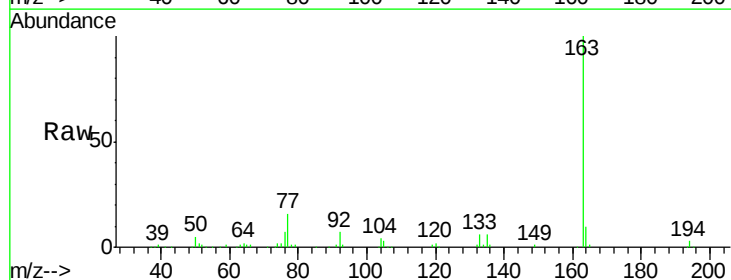
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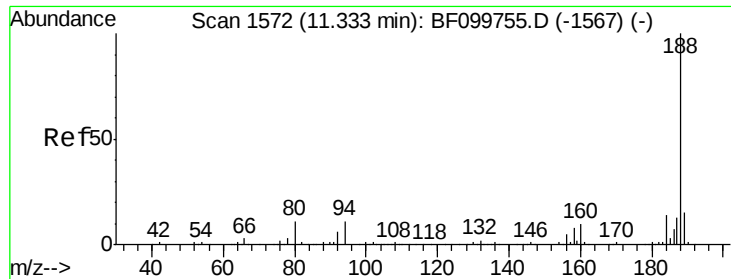
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#49
Dimethylphthalate
Concen: 15.543 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF100147.D
Acq: 3 Nov 2017 20:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.4	2.7	4.1
164	10.0	8.2	12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1566

Delta R.T. 0.00 min

Lab File: BF100147.D

Acq: 3 Nov 2017 20:59

Instrument :

BNA_F

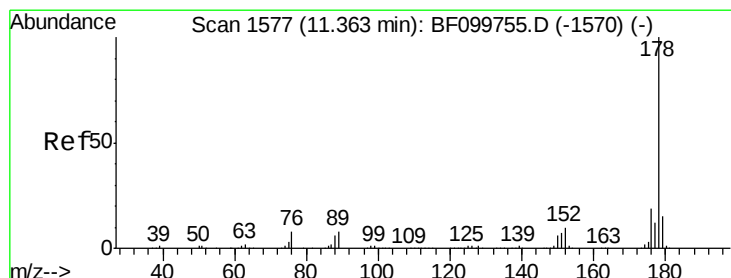
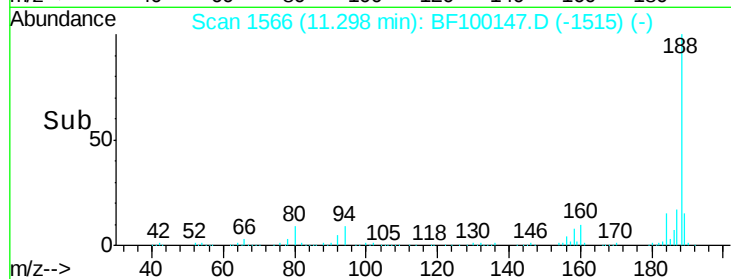
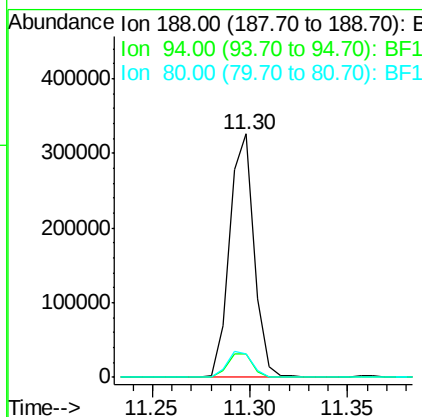
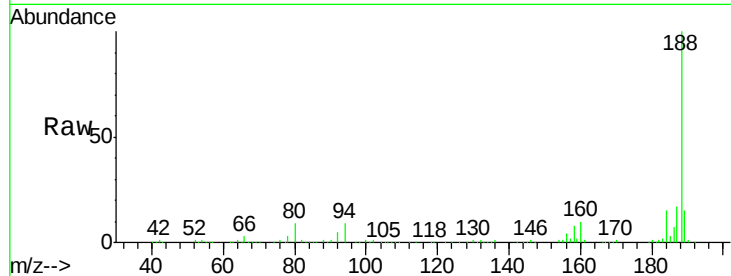
ClientSampleId :

SB-4-FILL(3-4)

Tgt Ion:	188	Resp:	283260
Ion Ratio	Lower	Upper	
188	100		
94	9.5	8.5	12.7
80	9.5	9.2	13.8

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#70

Phenanthrene

Concen: 6.779 ng

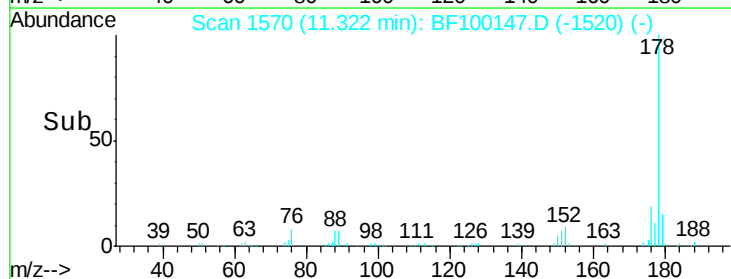
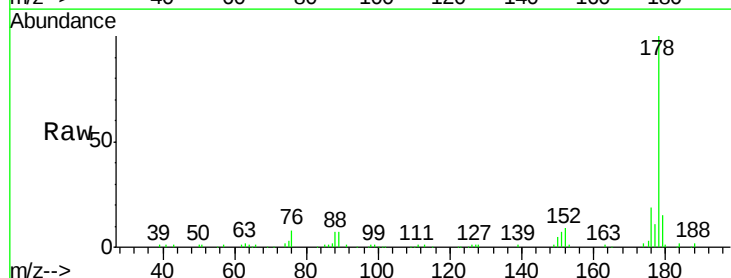
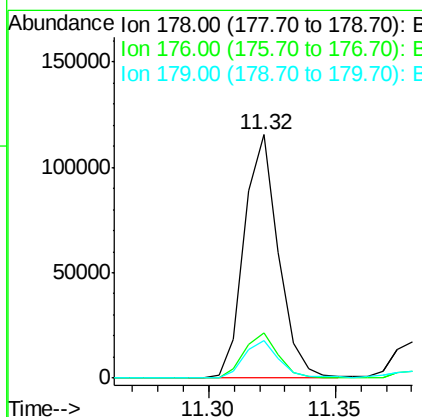
RT: 11.32 min Scan# 1570

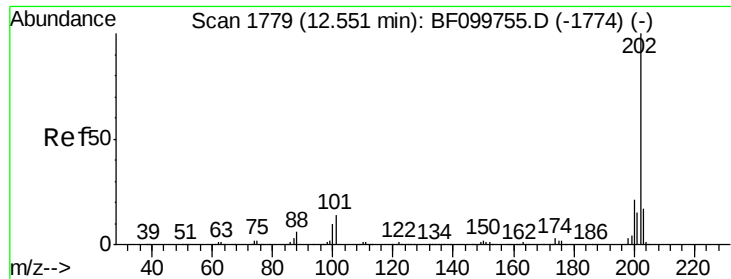
Delta R.T. -0.01 min

Lab File: BF100147.D

Acq: 3 Nov 2017 20:59

Tgt Ion:	178	Resp:	108371
Ion Ratio	Lower	Upper	
178	100		
176	18.7	15.8	23.8
179	15.2	13.0	19.6





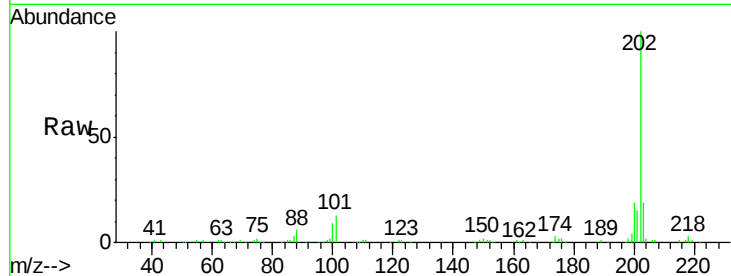
#74
Fluoranthene
Concen: 5.550 ng
RT: 12.52 min Scan# 1773
Delta R.T. 0.00 min
Lab File: BF100147.D
Acq: 3 Nov 2017 20:59

Instrument :
BNA_F
ClientSampled :
SB-4-FILL(3-4)

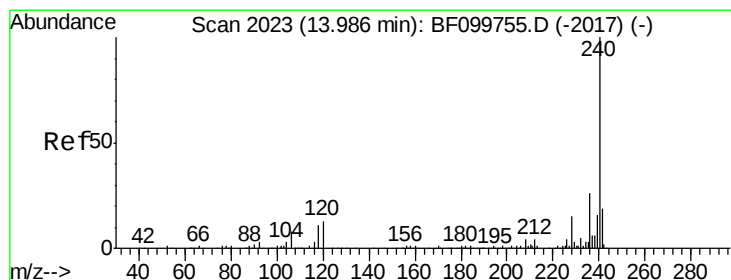
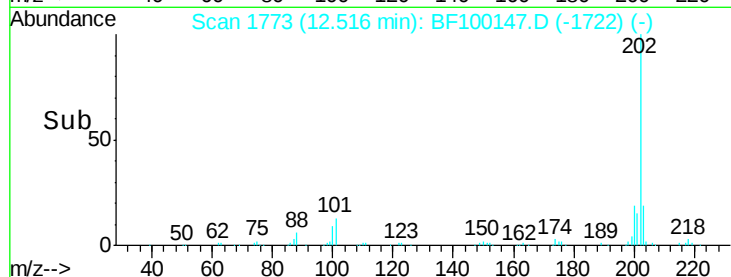
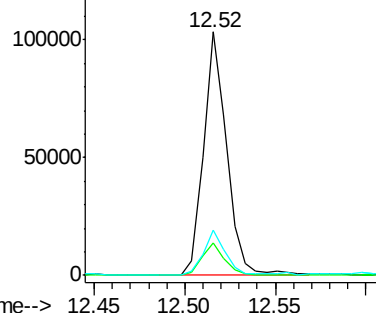
Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	13.2	0.0	34.1
203	18.8	0.0	38.1

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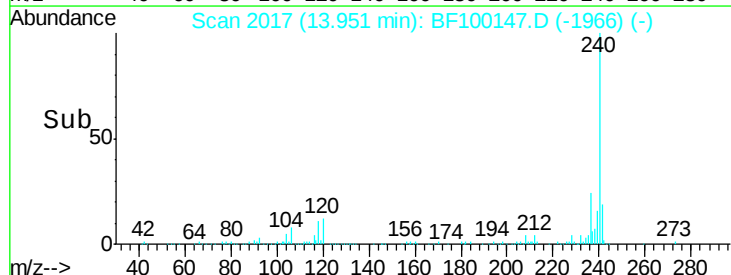
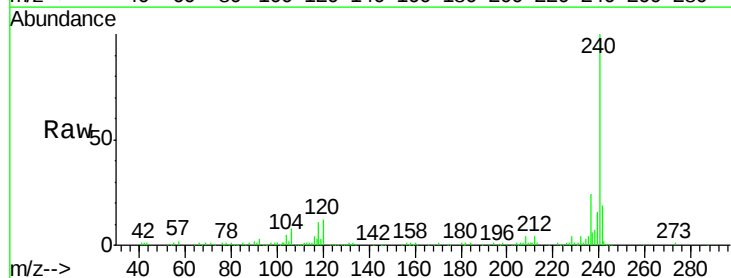
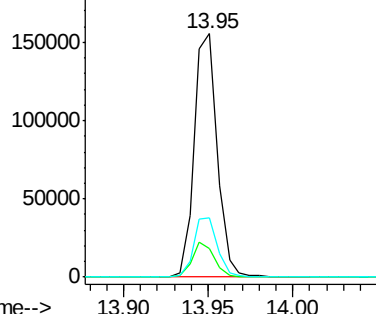
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

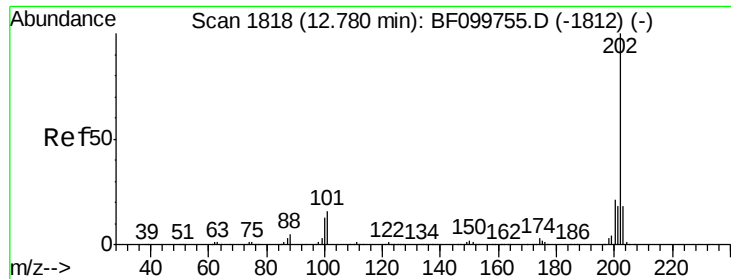


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF100147.D
Acq: 3 Nov 2017 20:59

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.8	9.5	14.3
236	24.3	20.7	31.1

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 6.699 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF100147.D

Acq: 3 Nov 2017 20:59

Instrument :

BNA_F

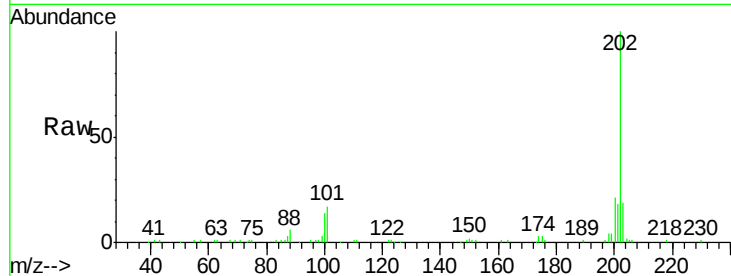
ClientSampleId :

SB-4-FILL(3-4)

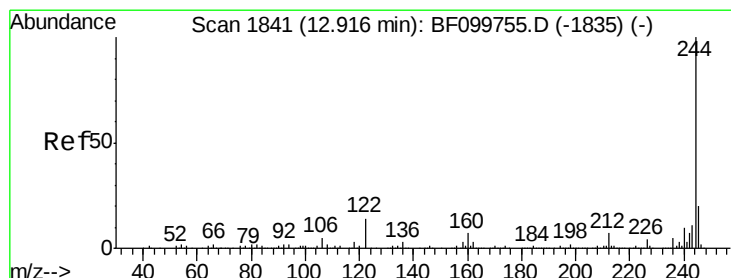
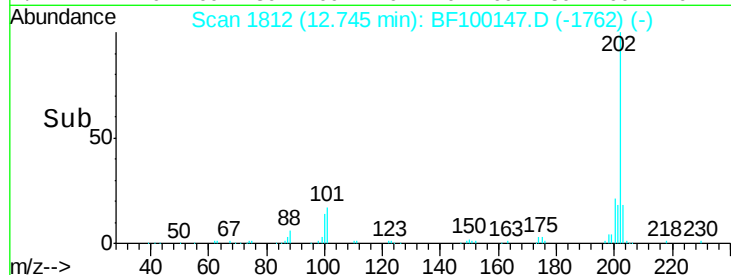
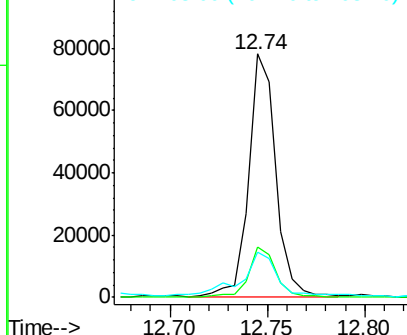
Tgt Ion:	202	Resp:	75587
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.4	26.2
203	18.8	14.3	21.5

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 56.415 ng

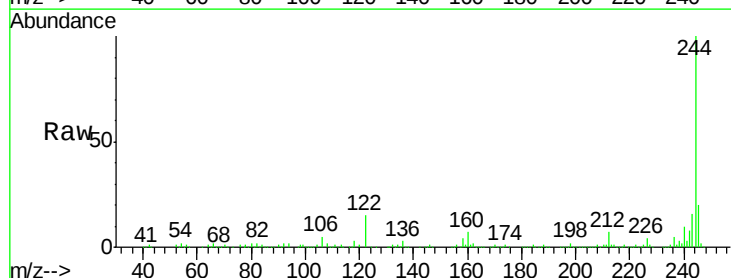
RT: 12.87 min Scan# 1834

Delta R.T. -0.01 min

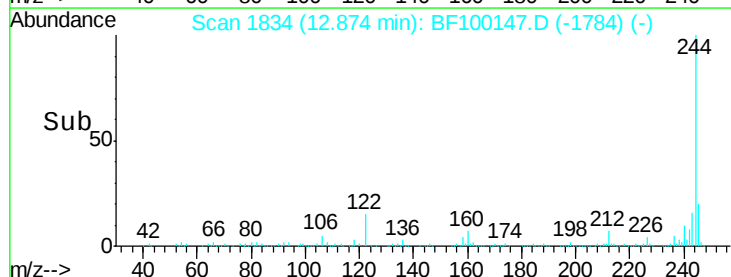
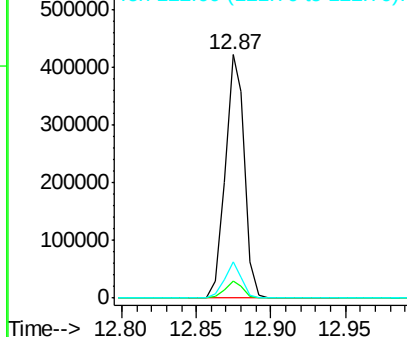
Lab File: BF100147.D

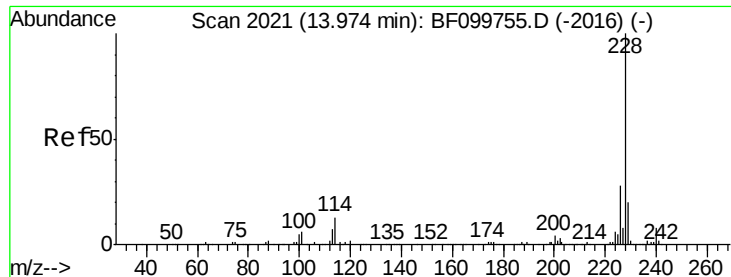
Acq: 3 Nov 2017 20:59

Tgt Ion:	244	Resp:	383063
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.4	8.0
122	14.6	11.0	16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





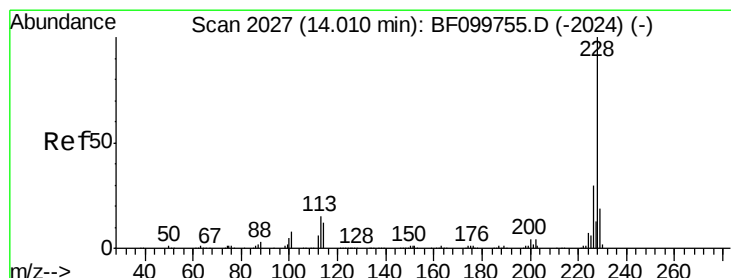
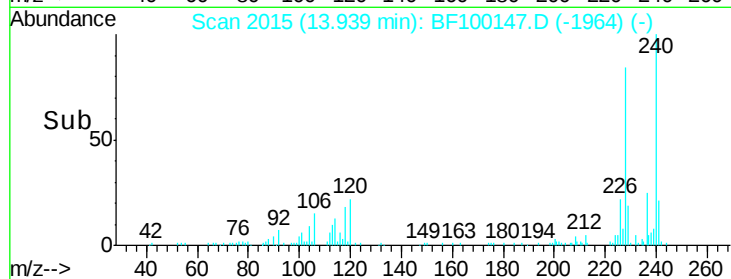
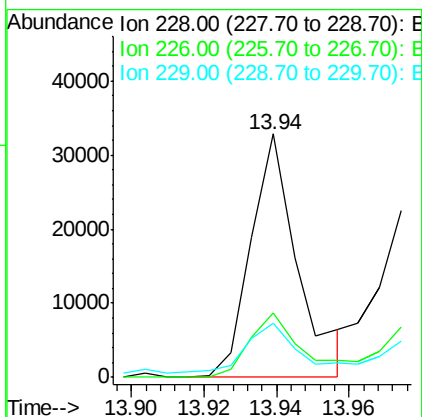
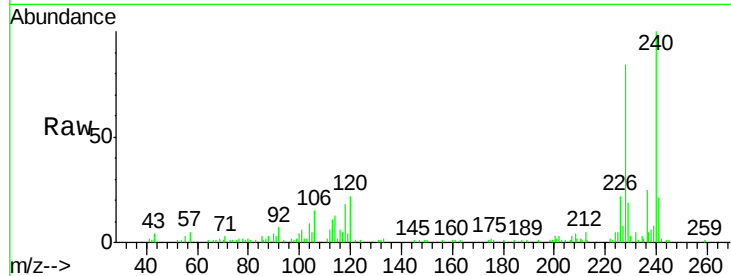
#80
Benzo(a)anthracene
Concen: 3.137 ng
RT: 13.94 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BF100147.D
Acq: 3 Nov 2017 20:59

Instrument :
BNA_F
ClientSampleId :
SB-4-FILL(3-4)

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.5	22.6	33.8
229	22.1	15.8	23.6

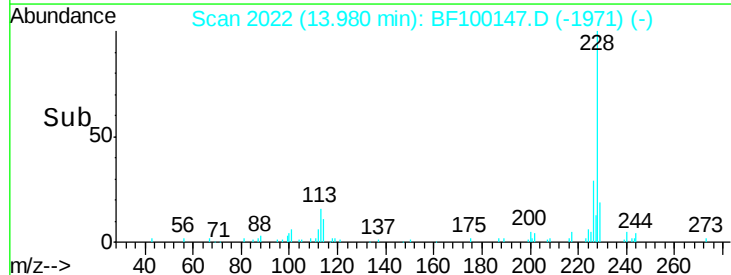
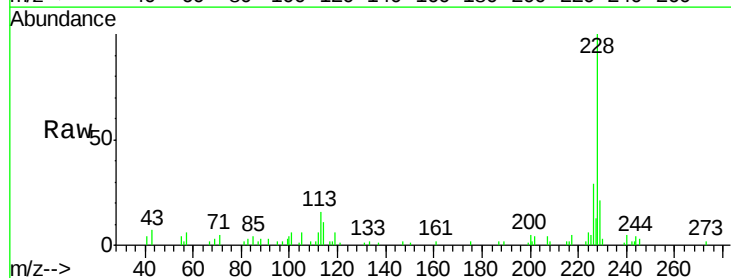
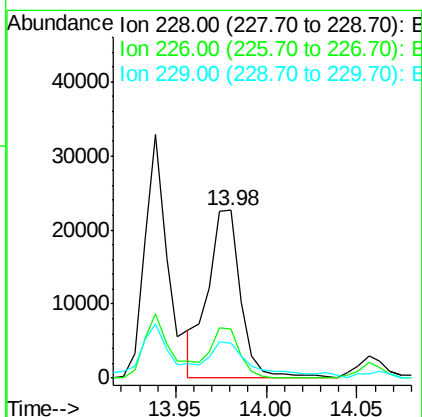
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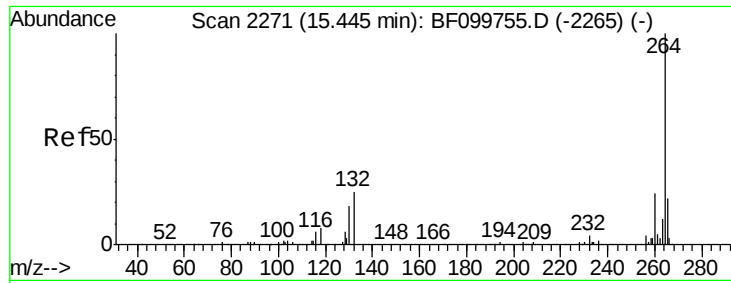
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#82
Chrysene
Concen: 3.242 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF100147.D
Acq: 3 Nov 2017 20:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	25.0	37.6
229	21.0	16.2	24.4





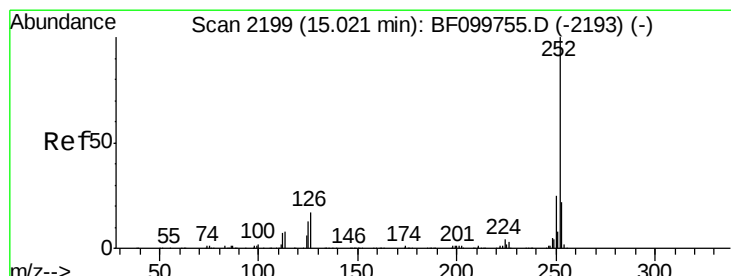
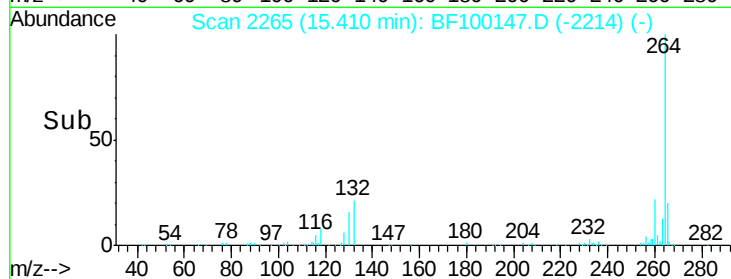
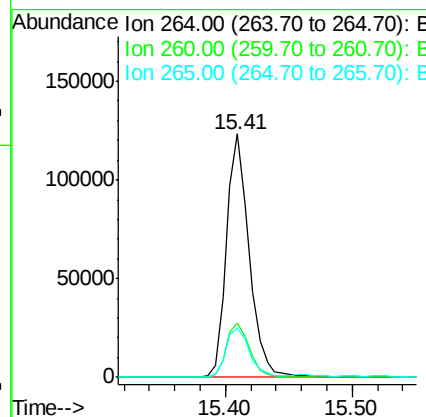
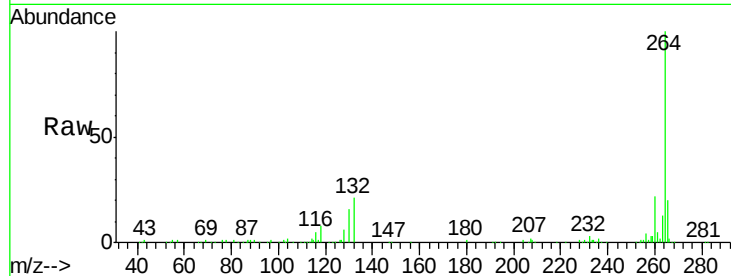
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.00 min
Lab File: BF100147.D
Acq: 3 Nov 2017 20:59

Instrument :
BNA_F
ClientSampleId :
SB-4-FILL(3-4)

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	22.3	19.2	28.8
265	20.2	17.5	26.3

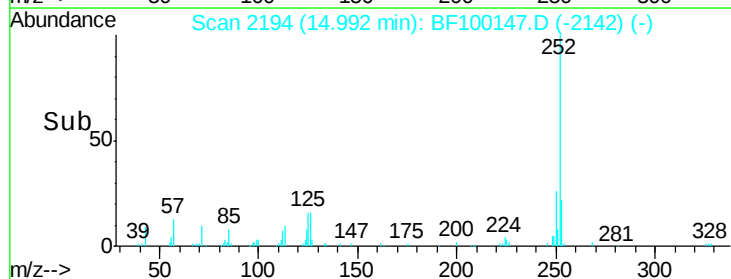
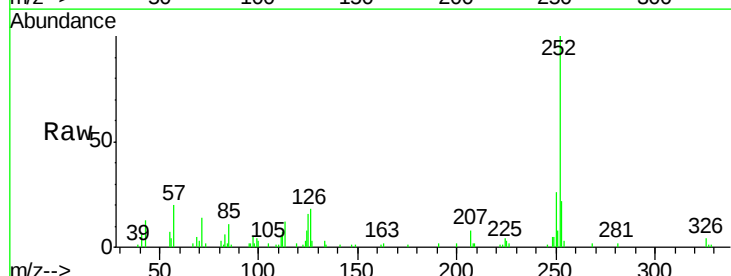
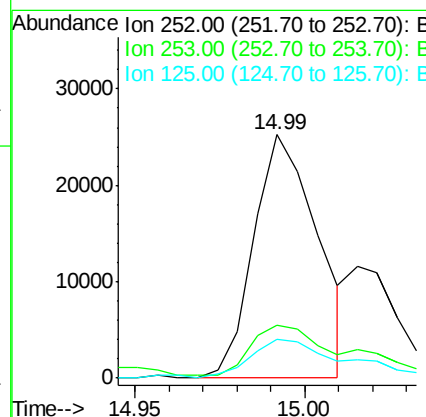
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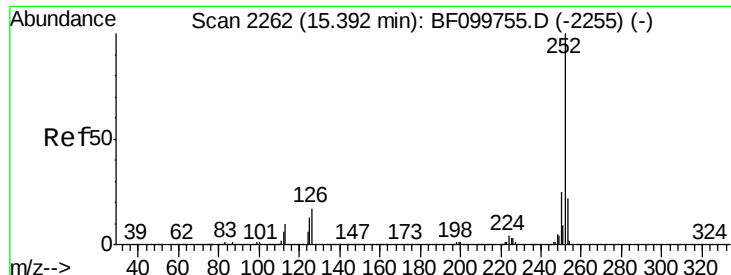
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#87
Benzo(b)fluoranthene
Concen: 3.410 ng m
RT: 14.99 min Scan# 2194
Delta R.T. 0.01 min
Lab File: BF100147.D
Acq: 3 Nov 2017 20:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.8	17.0	25.6
125	16.1	9.0	13.6





#89

Benzo(a)pyrene

Concen: 3.150 ng

RT: 15.36 min Scan# 2256

Delta R.T. 0.01 min

Lab File: BF100147.D

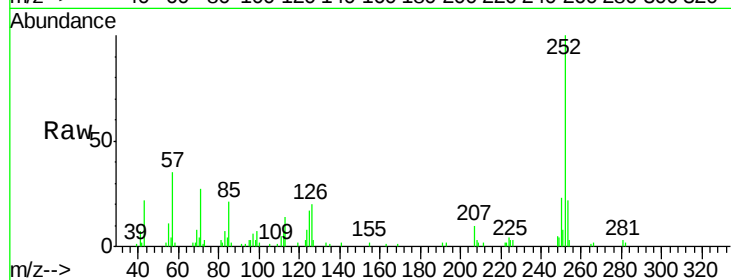
Acq: 3 Nov 2017 20:59

Instrument :

BNA_F

ClientSampleId :

SB-4-FILL(3-4)



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	27397		
253	22.3	17.1	25.7	
125	16.9	9.8	14.6	

Manual Integrations
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