

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
 Data File : BF100144.D
 Acq On : 3 Nov 2017 19:37
 Operator : SJ/JU
 Sample : I6079-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-FILL(1-2)

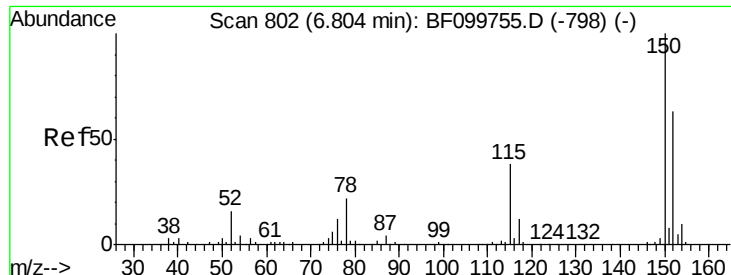
Manual Integrations
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Quant Time: Nov 03 23:28:08 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	92322	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	387679	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	173977	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	289510	20.00	ng	0.00
75) Chrysene-d12	13.95	240	153197	20.00	ng	0.00
86) Perylene-d12	15.41	264	151680	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	576239	97.99	ng	0.00
7) Phenol-d6	6.42	99	703881	100.95	ng	0.00
23) Nitrobenzene-d5	7.34	82	402765	66.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	147925	93.30	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	773014	68.55	ng	0.00
78) Terphenyl-d14	12.88	244	514935	73.46	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.43	94	47350	6.185	ng	86
49) Dimethylphthalate	9.52	163	241540	17.531	ng	100
70) Phenanthrene	11.32	178	189970	11.627	ng	97
71) Anthracene	11.38	178	68364	4.122	ng	97
74) Fluoranthene	12.52	202	312276	18.391	ng	97
77) Pyrene	12.74	202	259218	22.252	ng	98
80) Benzo(a)anthracene	13.94	228	123915	12.759	ng	99
82) Chrysene	13.97	228	107321	11.754	ng	99
83) Bis(2-ethylhexyl)phthalate	13.90	149	17104	2.123	ng	99
85) Indeno(1,2,3-cd)pyrene	16.89	276	62230	7.424	ng	93
87) Benzo(b)fluoranthene	14.99	252	129893m	13.562	ng	
88) Benzo(k)fluoranthene	15.02	252	39562m	4.380	ng	
89) Benzo(a)pyrene	15.36	252	99618	11.579	ng	97
90) Dibenzo(a,h)anthracene	16.87	278	16902m	2.211	ng	
91) Benzo(g,h,i)perylene	17.34	276	55497	7.420	ng	97

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



#1

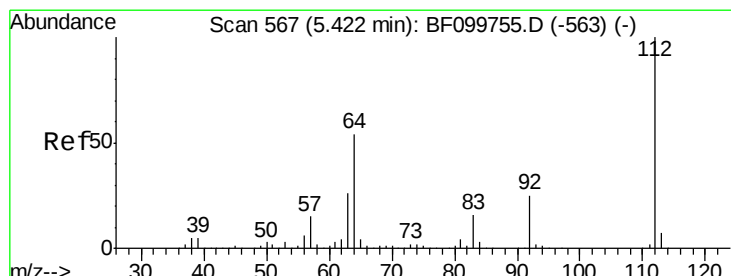
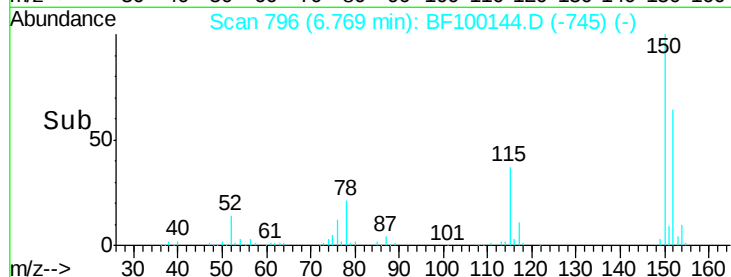
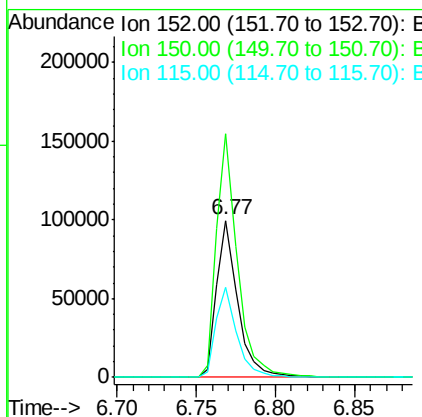
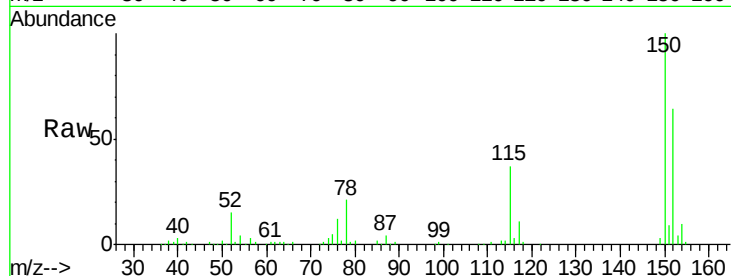
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF100144.D
Acq: 3 Nov 2017 19:37

Instrument :
BNA_F
ClientSampleId :
SB-12-FILL(1-2)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.6	186.8
115	57.0	50.1	75.1

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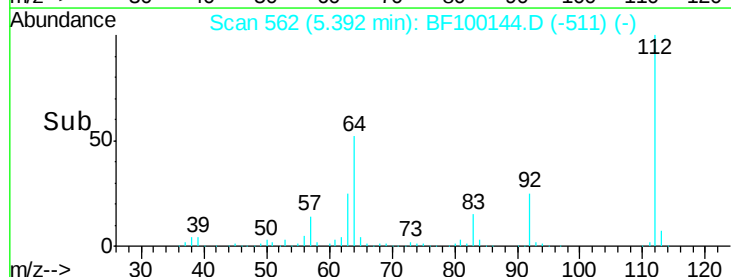
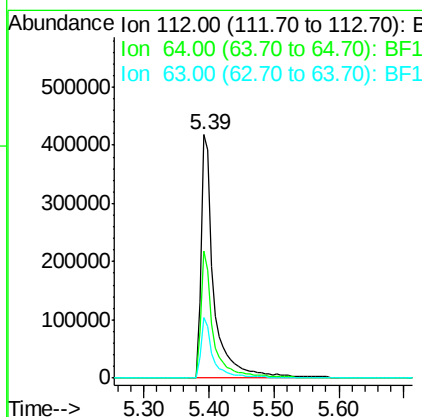
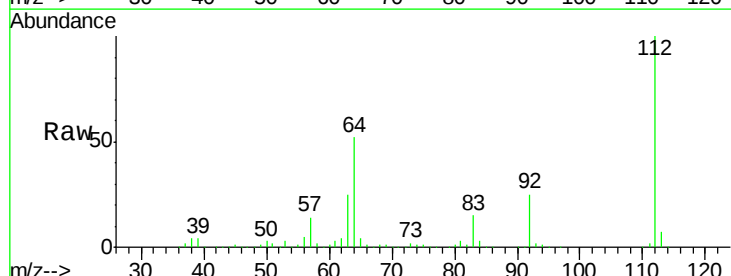
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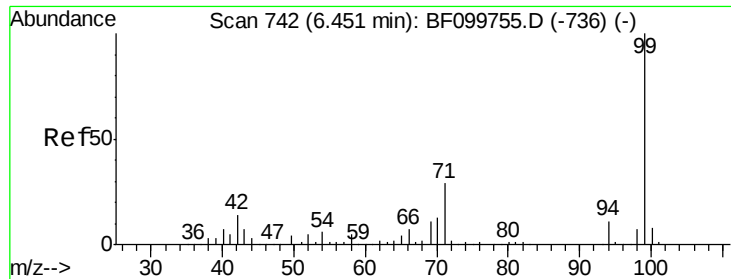


#5

2-Fluorophenol
Concen: 97.991 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF100144.D
Acq: 3 Nov 2017 19:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.1	47.9	71.9
63	24.7	23.7	35.5





#7

Phenol-d6

Concen: 100.949 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100144.D

Acq: 3 Nov 2017 19:37

Instrument :

BNA_F

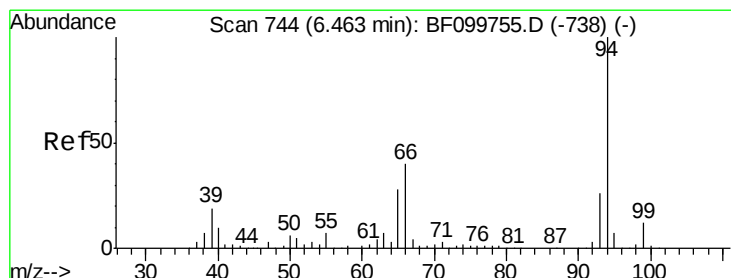
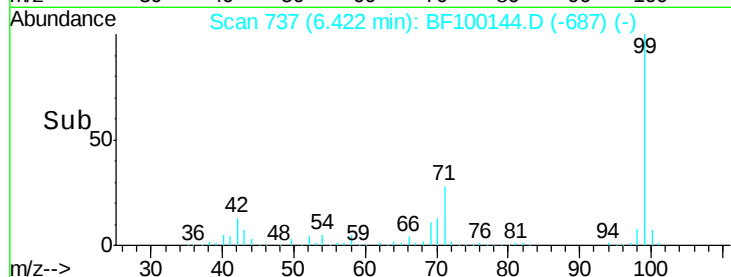
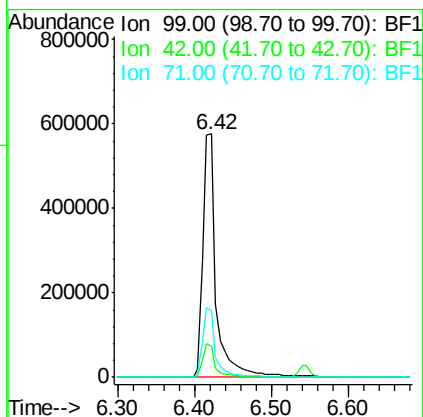
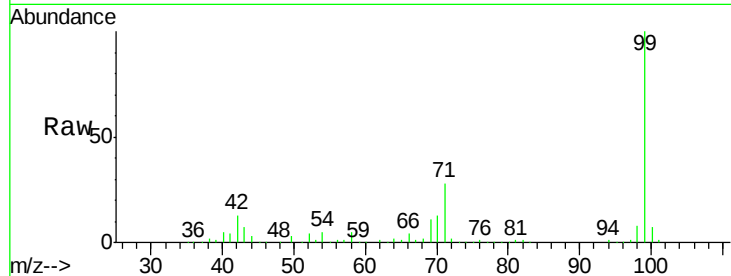
ClientSampleId :

SB-12-FILL(1-2)

Tgt Ion:	99	Resp:	703881
Ion	Ratio	Lower	Upper
99	100		
42	12.6	14.5	21.7#
71	27.6	25.4	38.0

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#10

Phenol

Concen: 6.185 ng

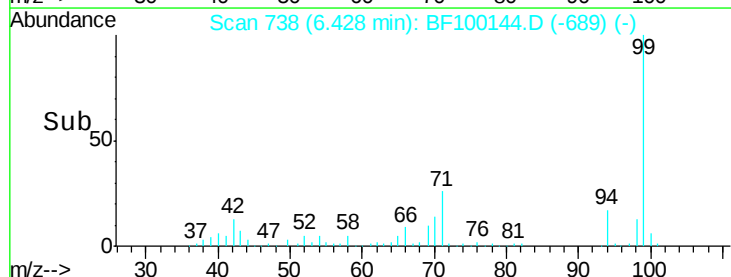
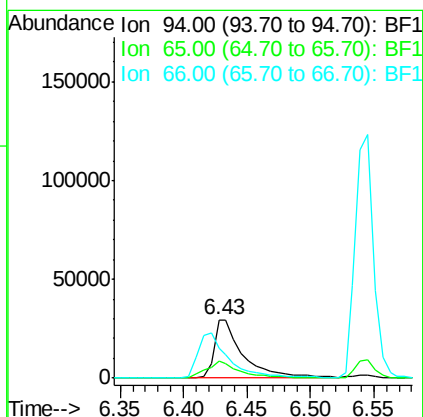
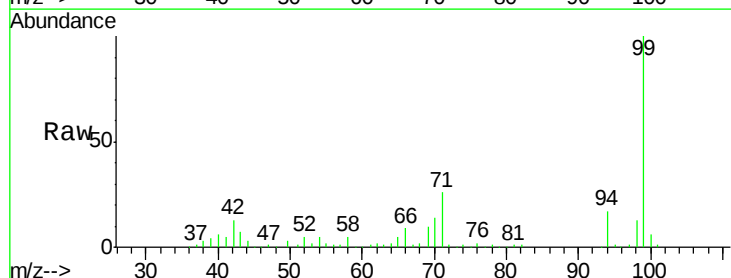
RT: 6.43 min Scan# 738

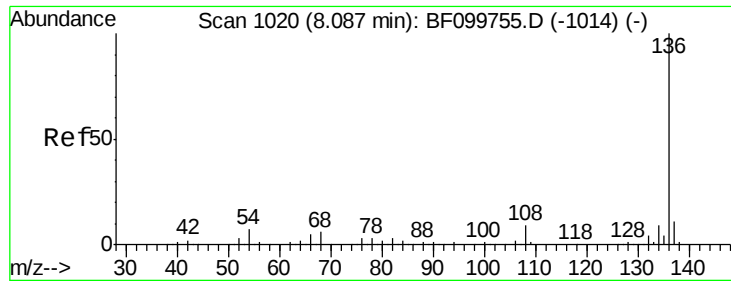
Delta R.T. -0.01 min

Lab File: BF100144.D

Acq: 3 Nov 2017 19:37

Tgt Ion:	94	Resp:	47350
Ion	Ratio	Lower	Upper
94	100		
65	29.0	7.9	47.9
66	50.2	16.2	56.2





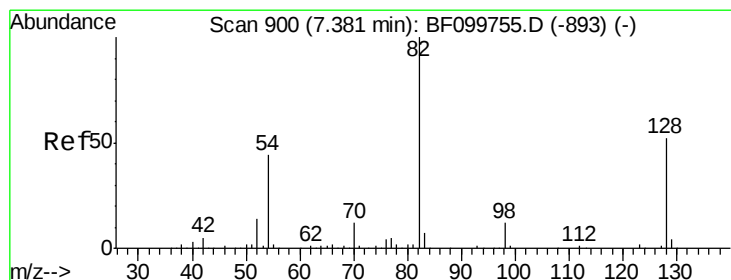
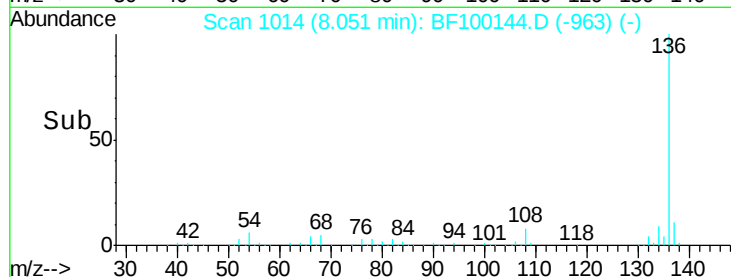
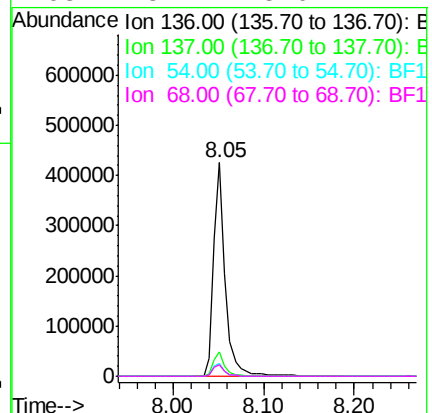
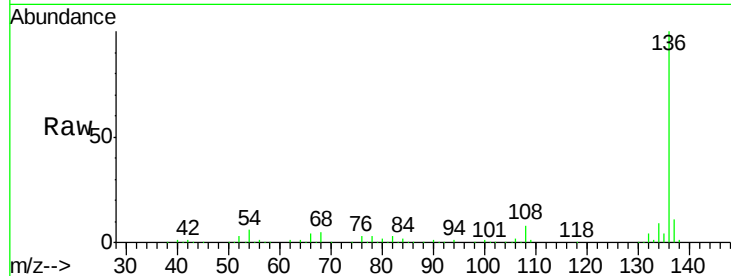
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF100144.D
Acq: 3 Nov 2017 19:37

Instrument :
BNA_F
ClientSampleId :
SB-12-FILL(1-2)

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	387679		
137	11.1	8.9	13.3	
54	6.3	6.6	9.8#	
68	5.2	5.0	7.4	

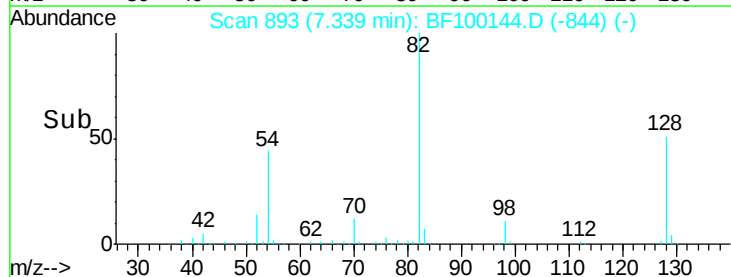
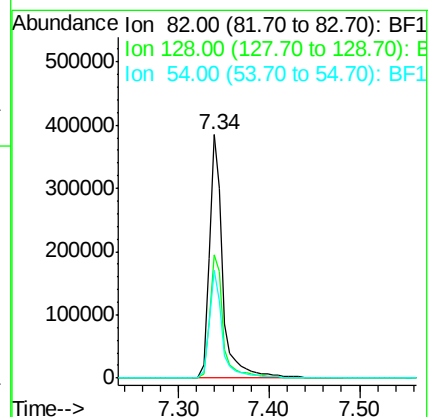
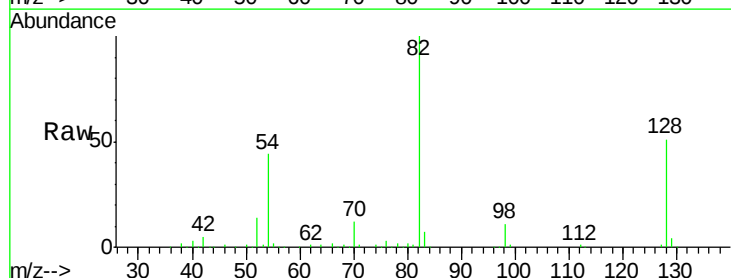
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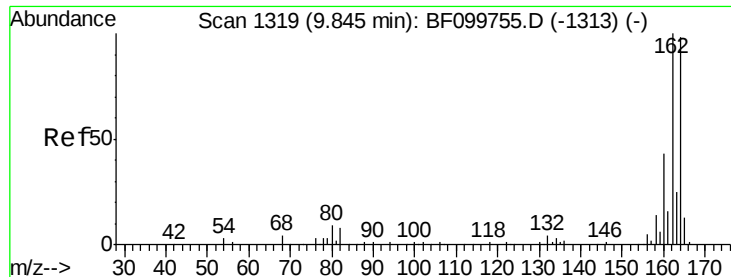
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#23
Nitrobenzene-d5
Concen: 66.886 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100144.D
Acq: 3 Nov 2017 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	402765		
128	50.5	36.1	54.1	
54	44.3	41.4	62.2	





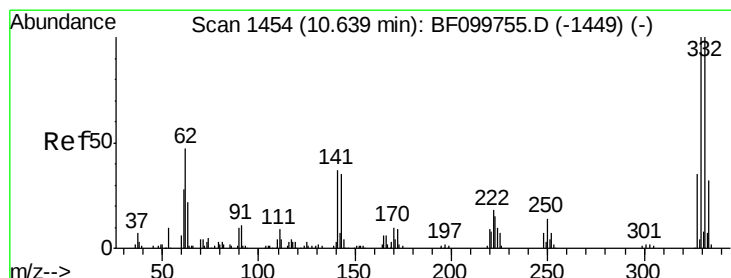
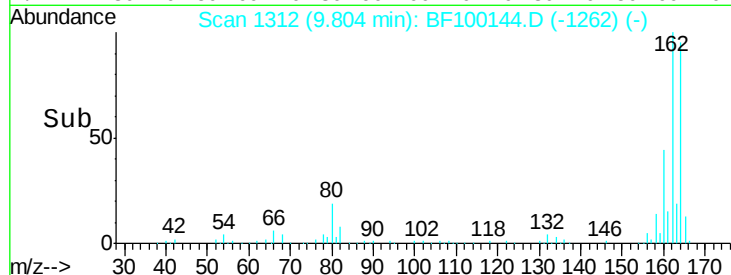
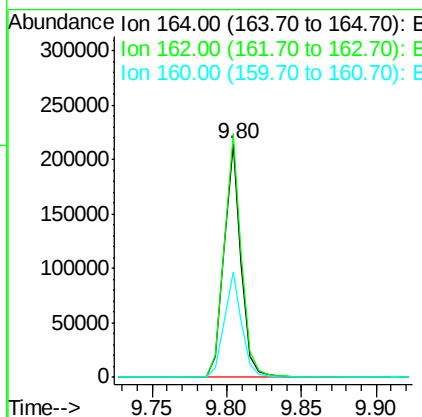
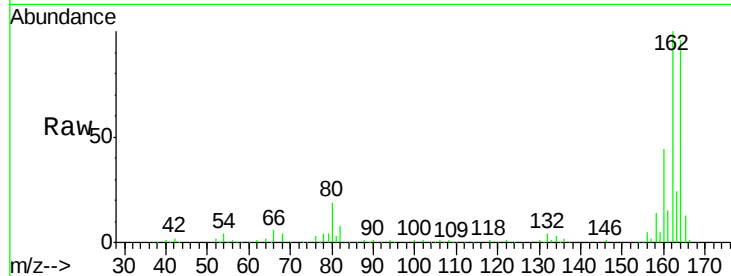
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF100144.D
Acq: 3 Nov 2017 19:37

Instrument :
BNA_F
ClientSampleId :
SB-12-FILL(1-2)

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	173977		
162	104.3	86.1	129.1	
160	45.4	38.3	57.5	

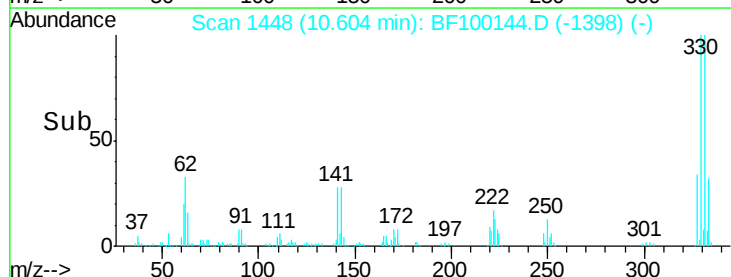
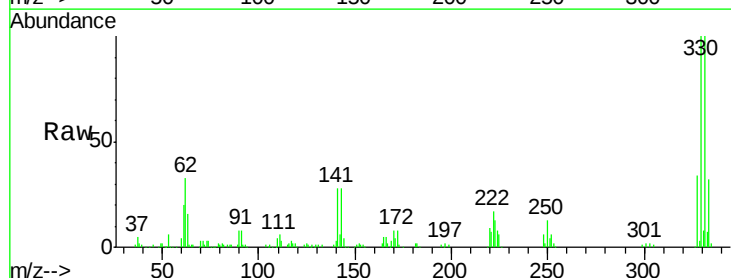
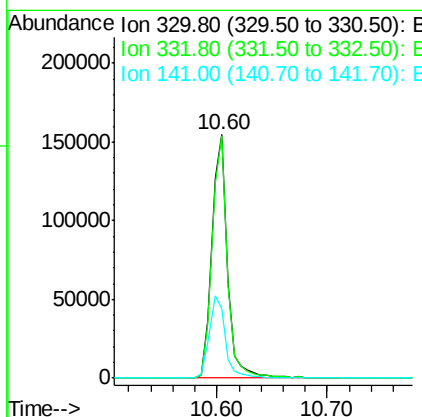
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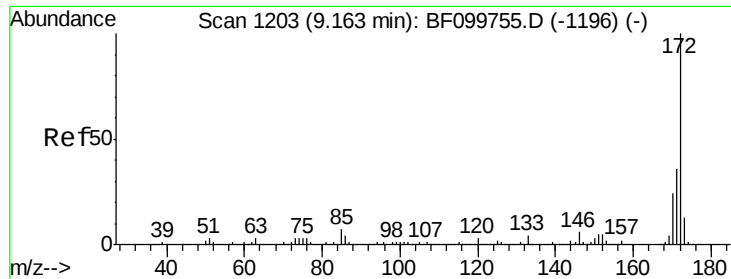
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#41
2,4,6-Tribromophenol
Concen: 93.300 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF100144.D
Acq: 3 Nov 2017 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	147925		
332	98.0	77.0	115.6	
141	34.6	29.9	44.9	





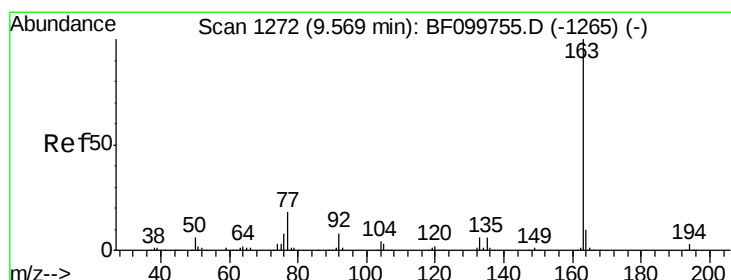
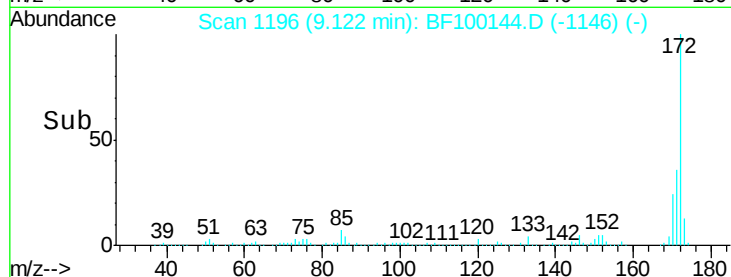
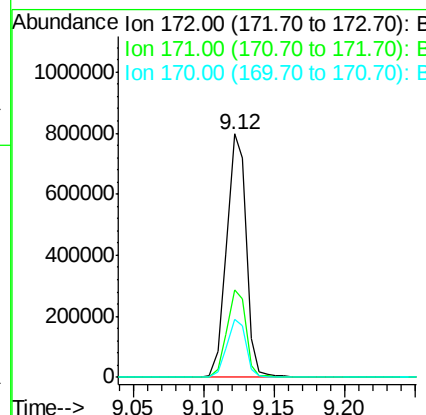
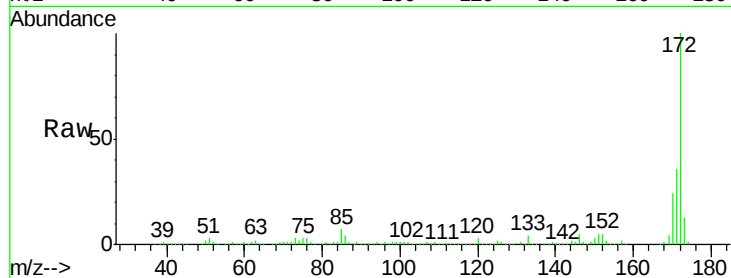
#44
2-Fluorobiphenyl
Concen: 68.551 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF100144.D
Acq: 3 Nov 2017 19:37

Instrument :
BNA_F
ClientSampleId :
SB-12-FILL(1-2)

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.9	19.6	29.4

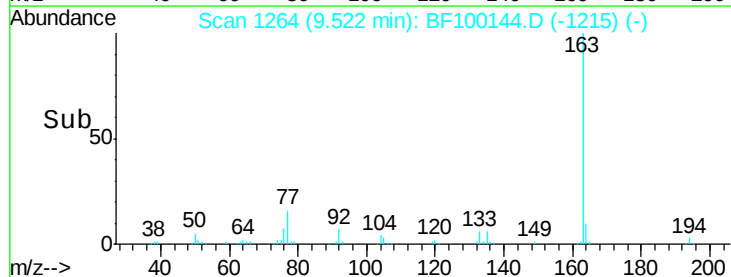
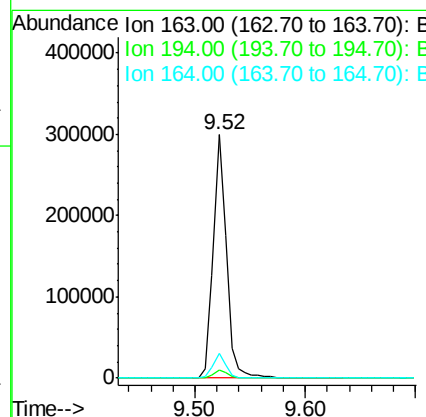
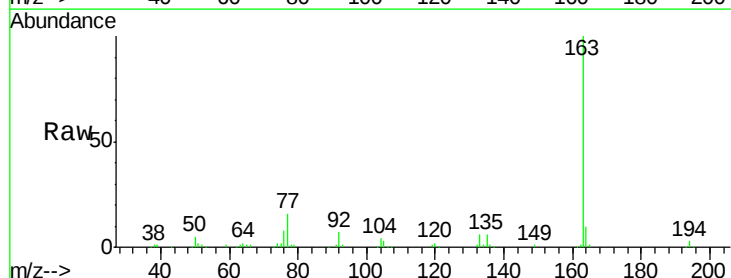
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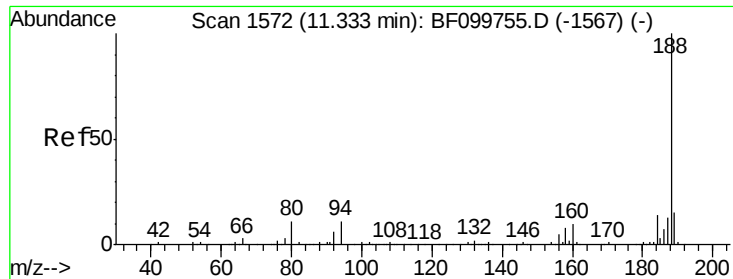
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#49
Dimethylphthalate
Concen: 17.531 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF100144.D
Acq: 3 Nov 2017 19:37

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.2	8.2	12.2





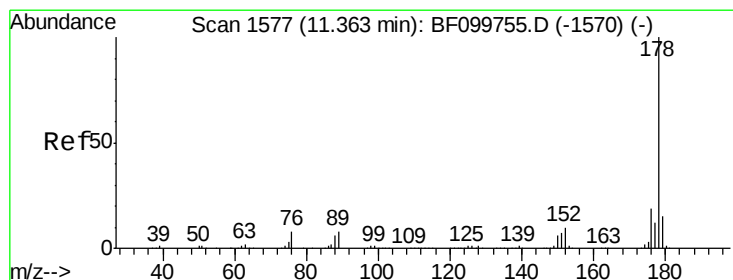
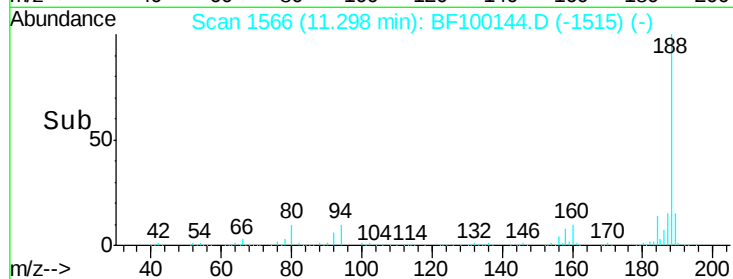
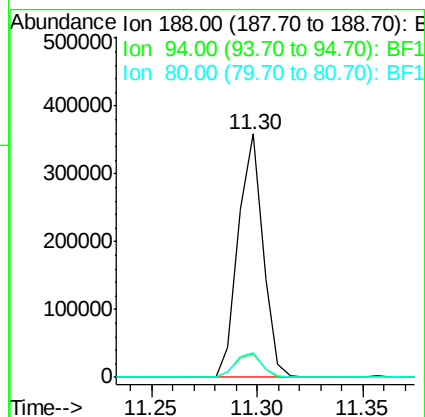
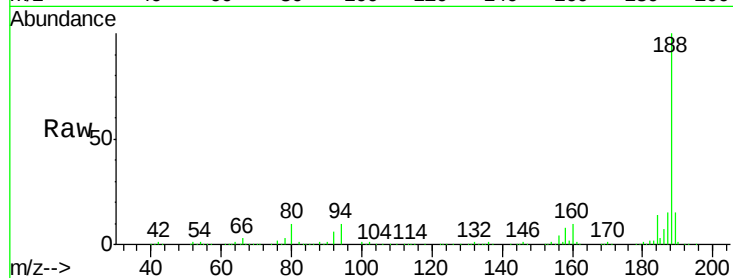
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BF100144.D
Acq: 3 Nov 2017 19:37

Instrument :
BNA_F
ClientSampleId :
SB-12-FILL(1-2)

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.8	8.5	12.7
80	10.2	9.2	13.8

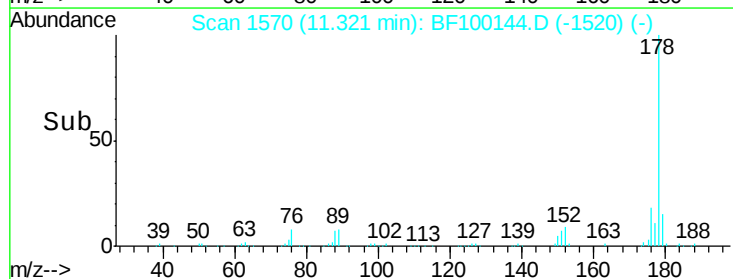
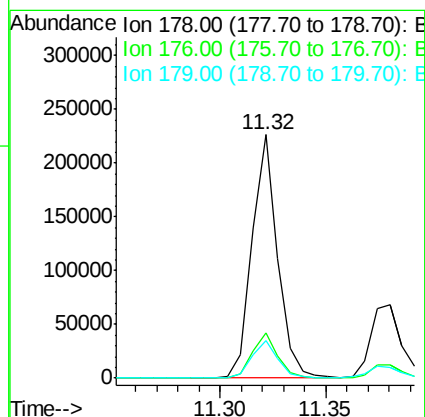
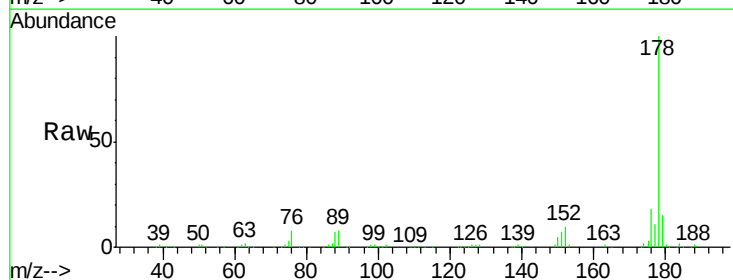
Manual Integrations
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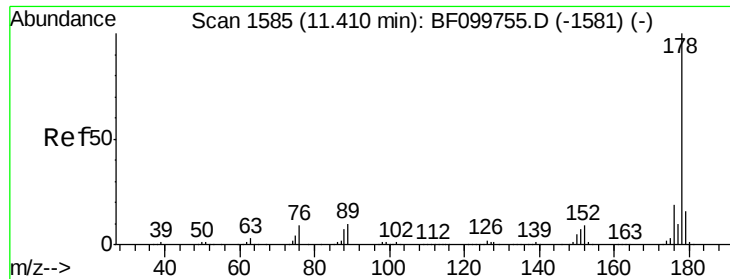
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#70
Phenanthrene
Concen: 11.627 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF100144.D
Acq: 3 Nov 2017 19:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.5	15.8	23.8
179	15.2	13.0	19.6





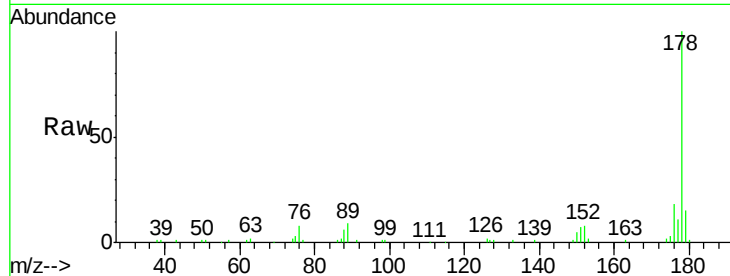
#71
 Anthracene
 Concen: 4.122 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF100144.D
 Acq: 3 Nov 2017 19:37

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-FILL(1-2)

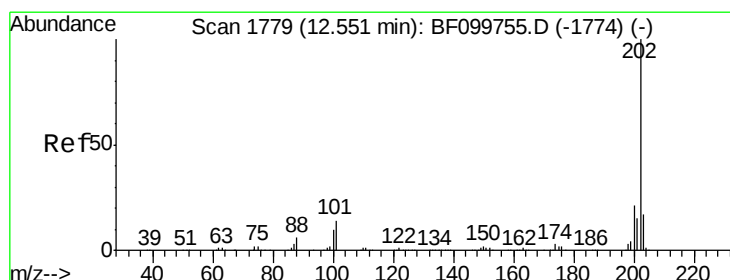
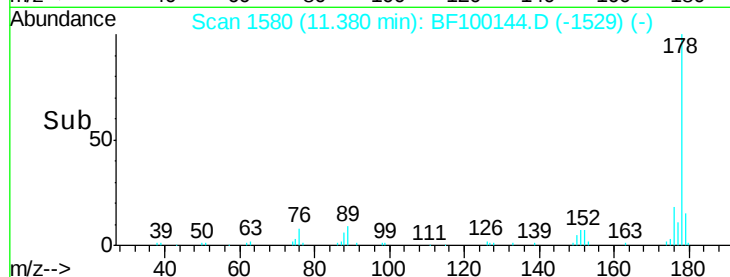
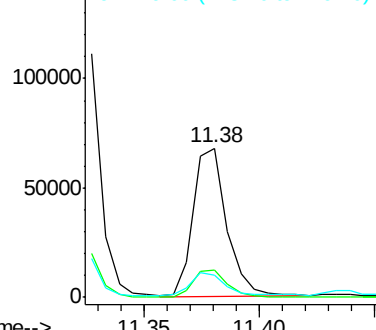
Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.4	23.2
179	14.6	12.6	19.0

Manual Integrations
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 11/4/2017 2:19:00 PM



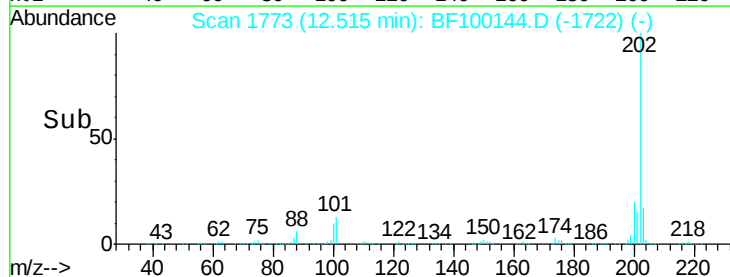
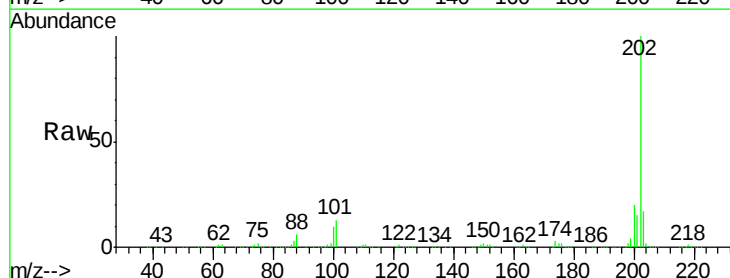
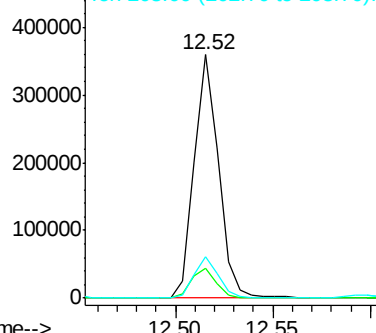
Abundance Ion 178.00 (177.70 to 178.70): E
 150000 Ion 176.00 (175.70 to 176.70): E
 100000 Ion 179.00 (178.70 to 179.70): E

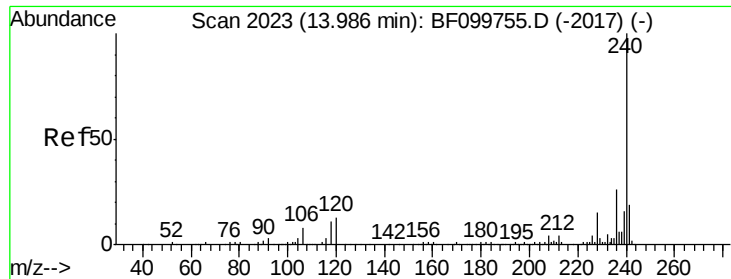


#74
 Fluoranthene
 Concen: 18.391 ng
 RT: 12.52 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: BF100144.D
 Acq: 3 Nov 2017 19:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	34.1
203	17.1	0.0	38.1

Abundance Ion 202.00 (201.70 to 202.70): E
 500000 Ion 101.00 (100.70 to 101.70): E
 400000 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: BF100144.D

Acq: 3 Nov 2017 19:37

Instrument :

BNA_F

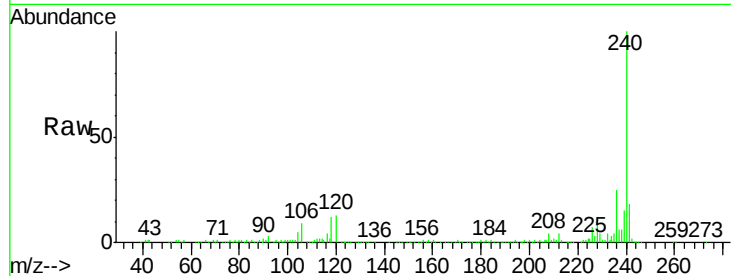
ClientSampleId :

SB-12-FILL(1-2)

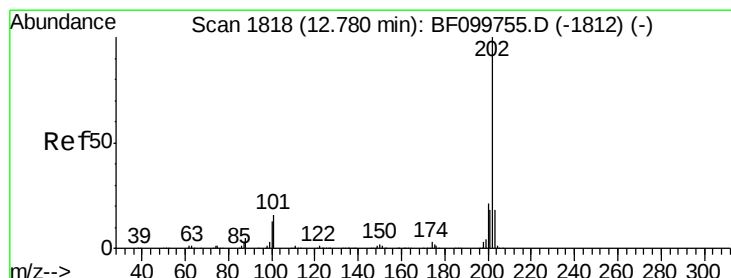
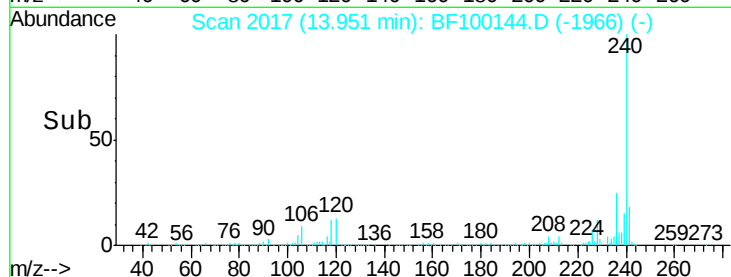
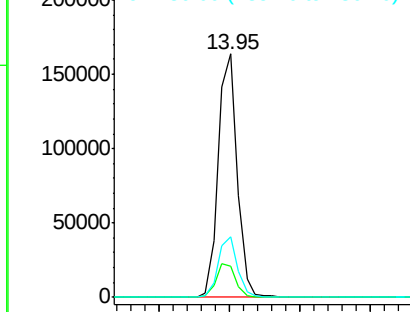
Tgt Ion:	240	Resp:	153197
Ion Ratio		Lower	Upper
240	100		
120	12.5	9.5	14.3
236	24.7	20.7	31.1

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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: 22.252 ng

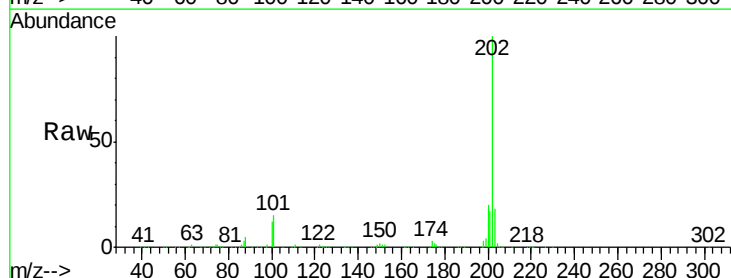
RT: 12.74 min Scan# 1812

Delta R.T. -0.01 min

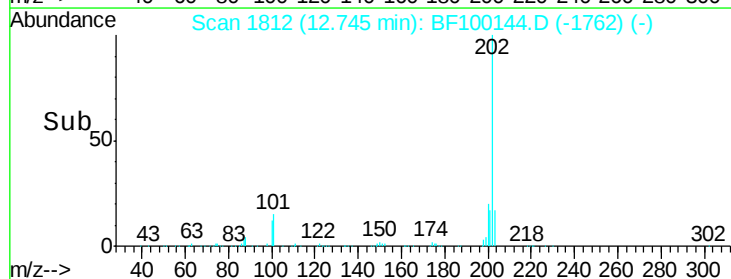
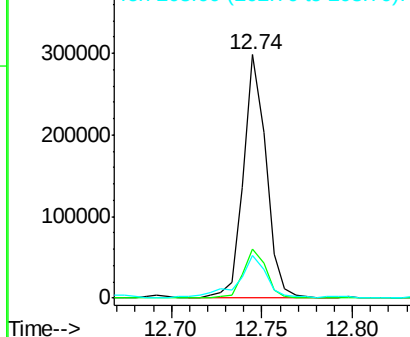
Lab File: BF100144.D

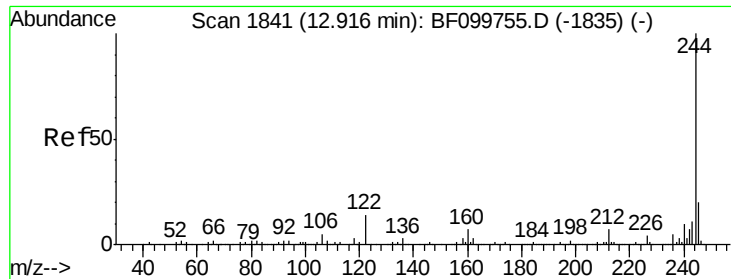
Acq: 3 Nov 2017 19:37

Tgt Ion:	202	Resp:	259218
Ion Ratio		Lower	Upper
202	100		
200	20.4	17.4	26.2
203	17.5	14.3	21.5



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





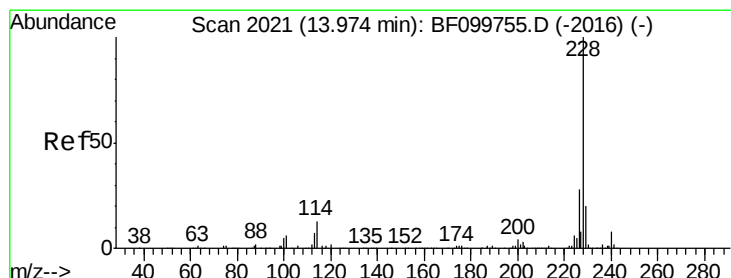
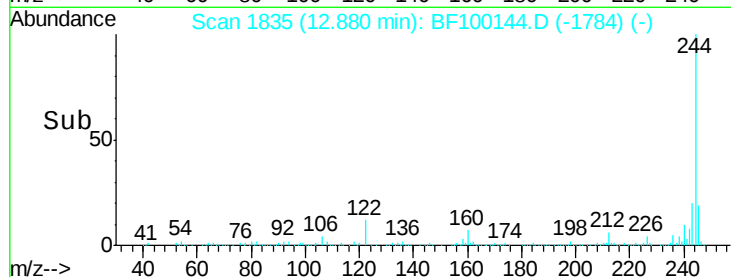
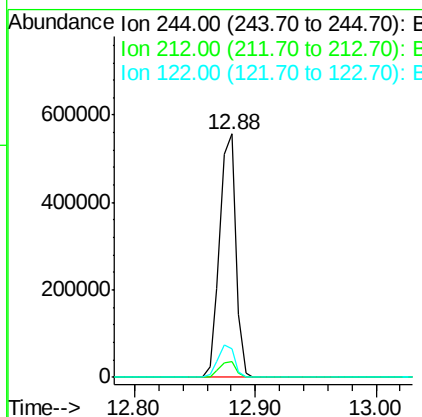
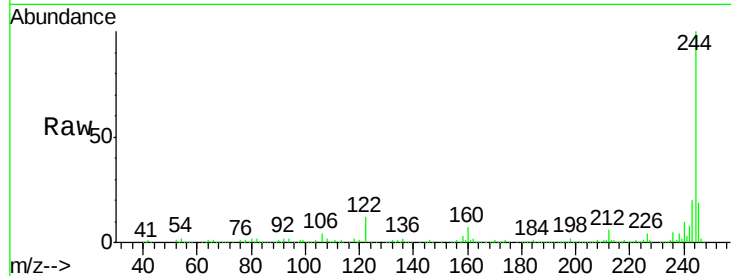
#78
 Terphenyl-d14
 Concen: 73.456 ng
 RT: 12.88 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: BF100144.D
 Acq: 3 Nov 2017 19:37

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-FILL(1-2)

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	514935		
212	6.5		5.4	8.0
122	12.0		11.0	16.4

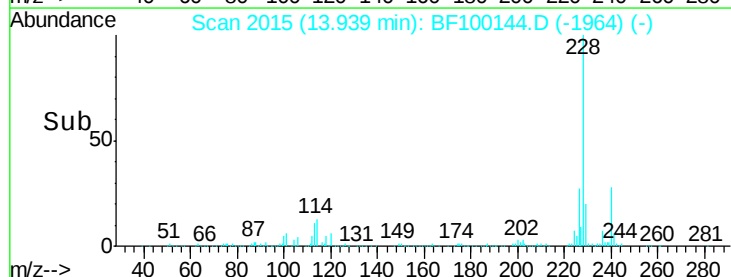
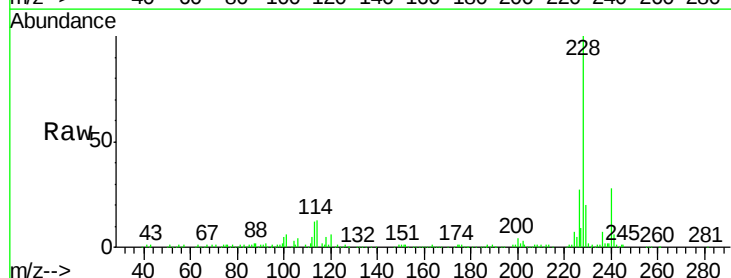
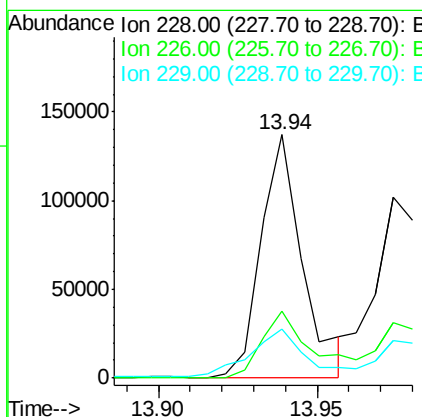
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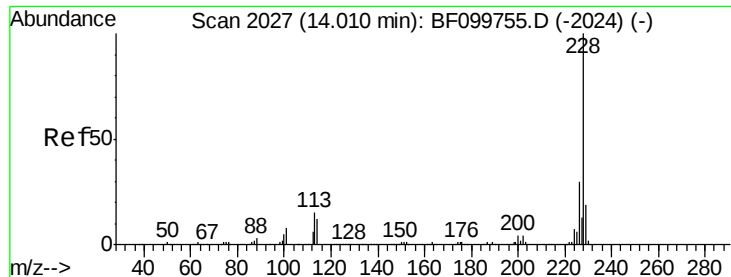
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#80
 Benzo(a)anthracene
 Concen: 12.759 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. 0.00 min
 Lab File: BF100144.D
 Acq: 3 Nov 2017 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	123915		
226	27.5		22.6	33.8
229	20.4		15.8	23.6





#82

Chrysene

Concen: 11.754 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF100144.D

Acq: 3 Nov 2017 19:37

Instrument :

BNA_F

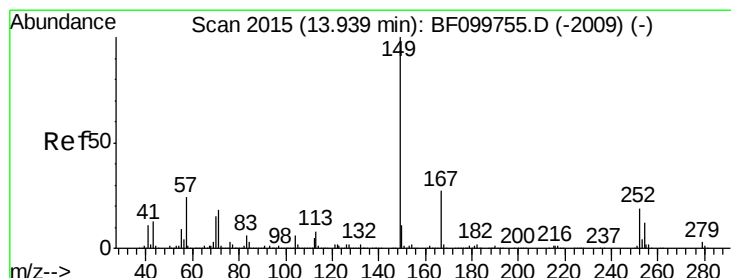
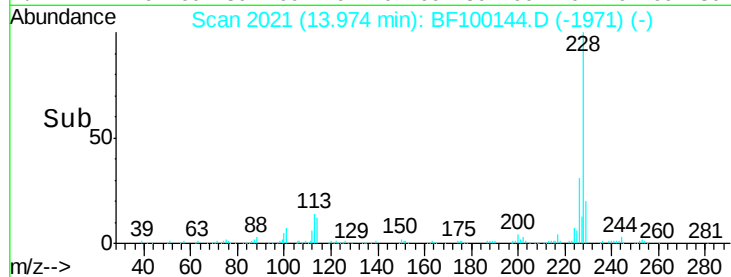
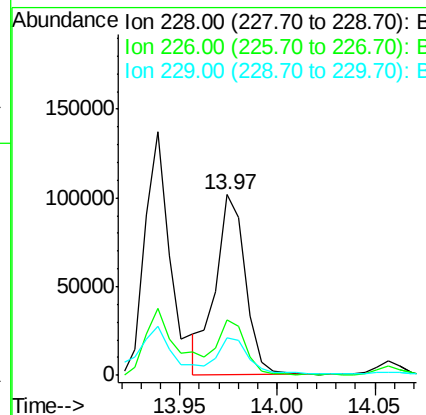
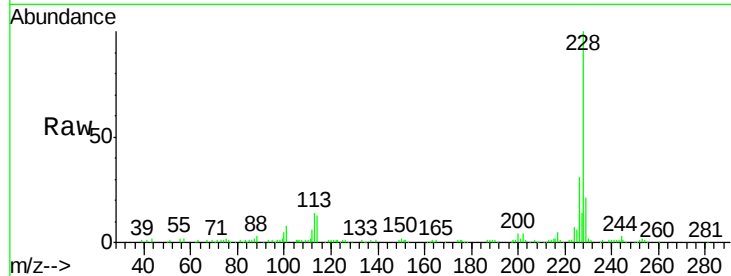
ClientSampleId :

SB-12-FILL(1-2)

Tgt Ion:	228	Resp:	107321
Ion Ratio	Lower	Upper	
228	100		
226	31.1	25.0	37.6
229	21.1	16.2	24.4

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#83

Bis(2-ethylhexyl)phthalate

Concen: 2.123 ng

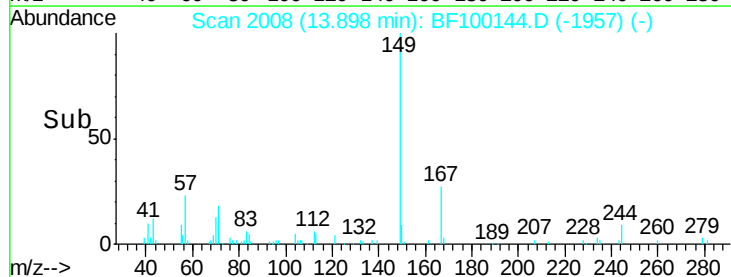
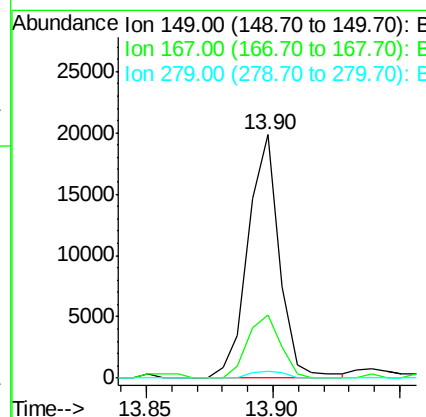
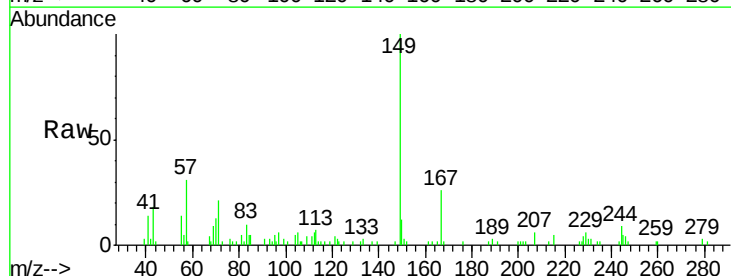
RT: 13.90 min Scan# 2008

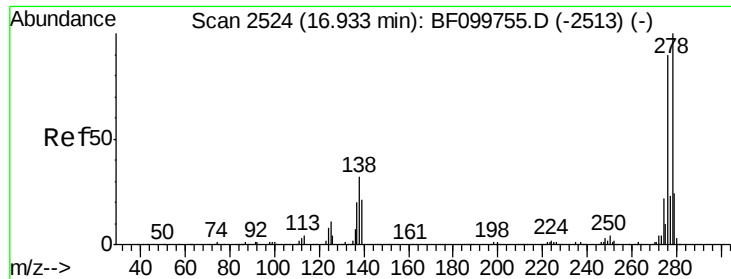
Delta R.T. 0.00 min

Lab File: BF100144.D

Acq: 3 Nov 2017 19:37

Tgt Ion:	149	Resp:	17104
Ion Ratio	Lower	Upper	
149	100		
167	26.1	21.3	31.9
279	3.0	3.0	4.4





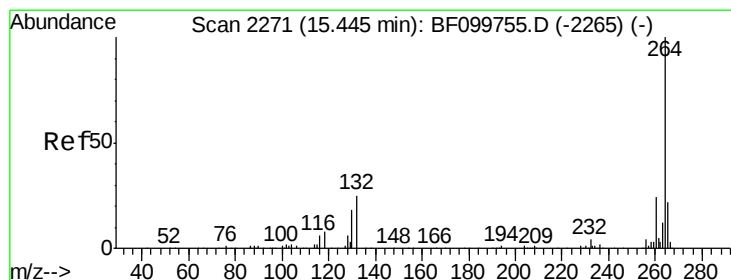
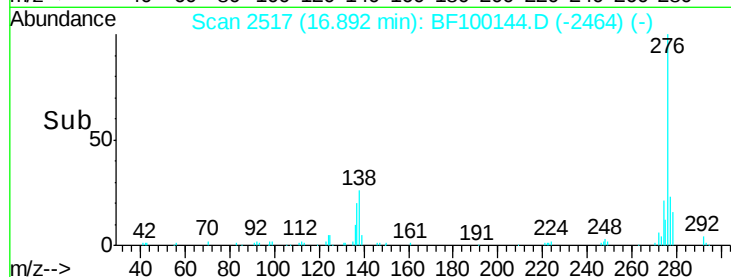
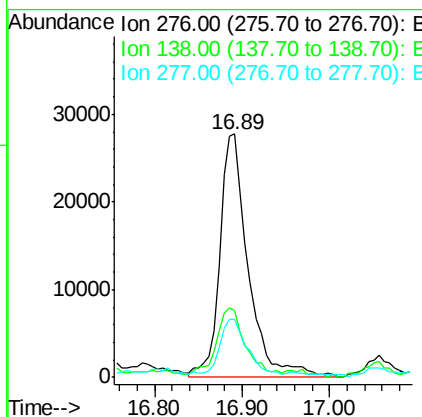
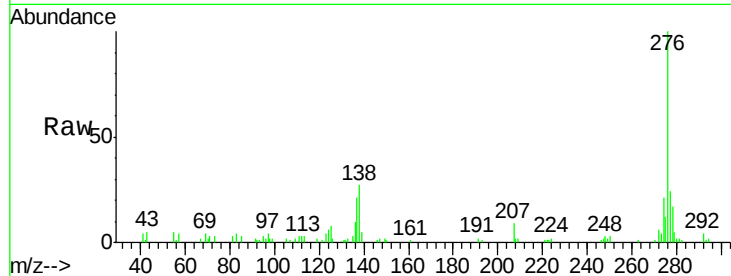
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 7.424 ng
 RT: 16.89 min Scan# 2517
 Delta R.T. 0.01 min
 Lab File: BF100144.D
 Acq: 3 Nov 2017 19:37

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-FILL(1-2)

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.9	25.0	37.6
277	22.1	20.1	30.1

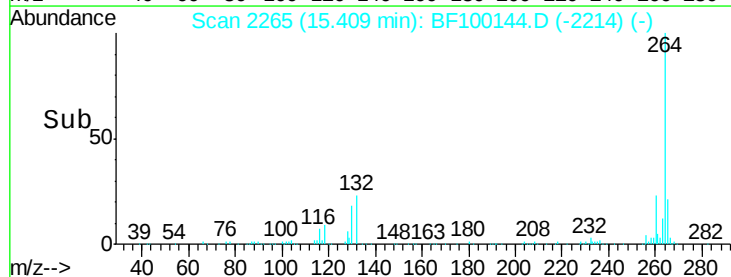
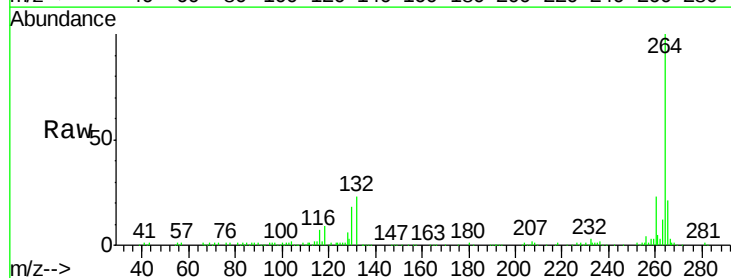
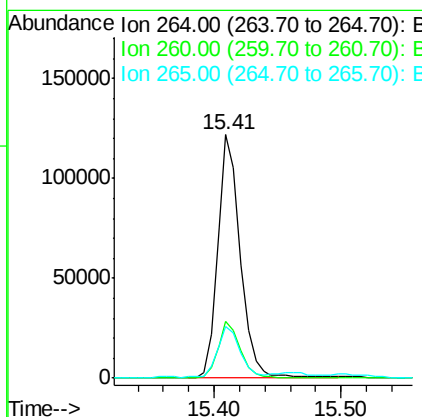
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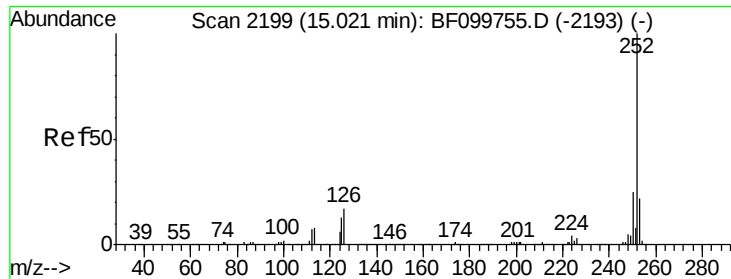
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. 0.00 min
 Lab File: BF100144.D
 Acq: 3 Nov 2017 19:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.5	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 13.562 ng m

RT: 14.99 min Scan# 2194

Delta R.T. 0.01 min

Lab File: BF100144.D

Acq: 3 Nov 2017 19:37

Instrument :

BNA_F

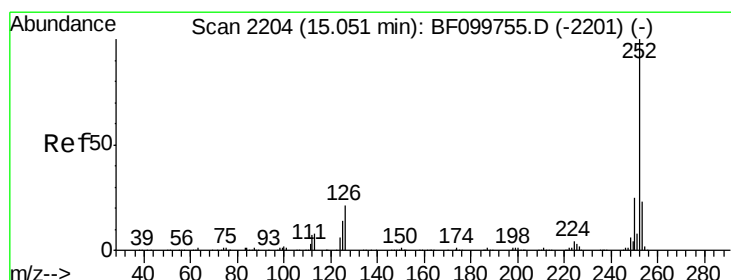
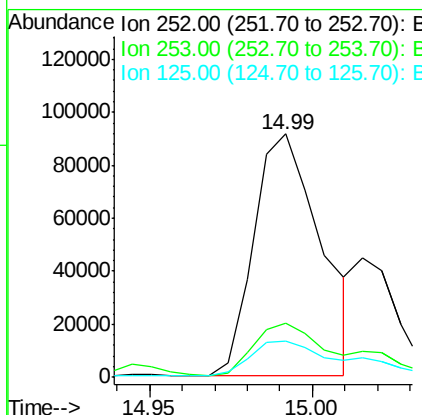
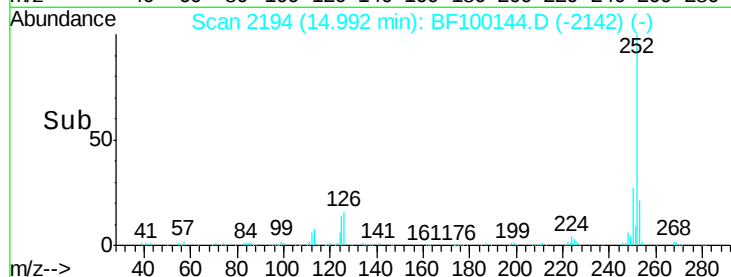
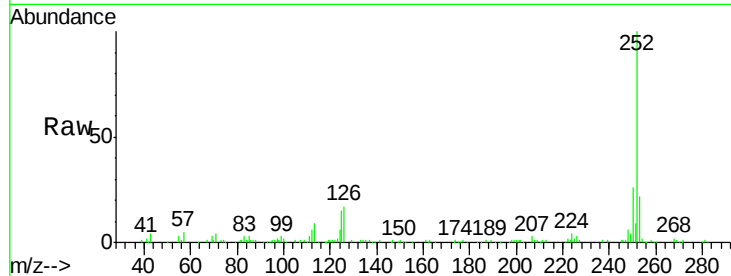
ClientSampleId :

SB-12-FILL(1-2)

Tgt Ion:	252	Resp:	129893
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.0	25.6
125	14.7	9.0	13.6#

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#88

Benzo(k)fluoranthene

Concen: 4.380 ng m

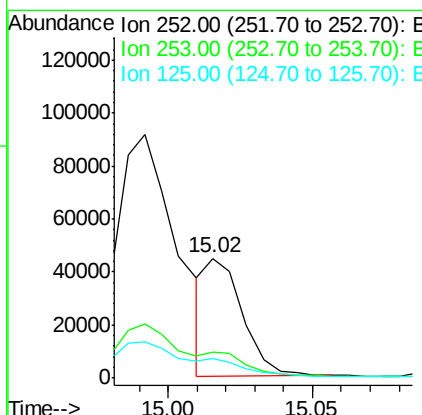
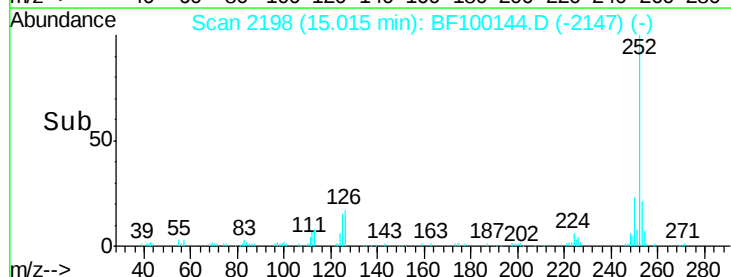
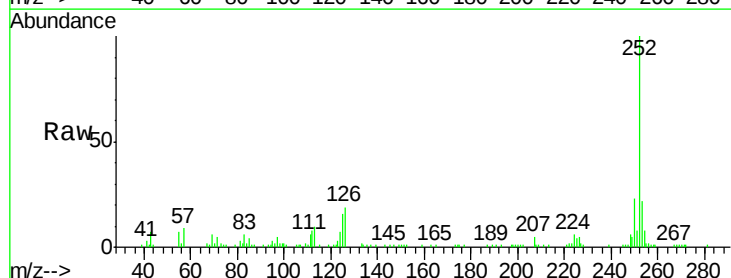
RT: 15.02 min Scan# 2198

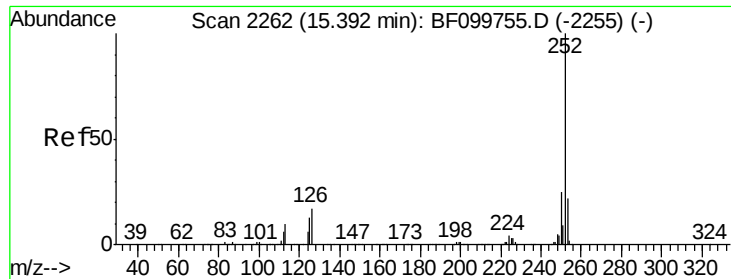
Delta R.T. 0.00 min

Lab File: BF100144.D

Acq: 3 Nov 2017 19:37

Tgt Ion:	252	Resp:	39562
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.9	26.9
125	16.5	10.2	15.2#





#89

Benzo(a)pyrene

Concen: 11.579 ng

RT: 15.36 min Scan# 2256

Delta R.T. 0.01 min

Lab File: BF100144.D

Acq: 3 Nov 2017 19:37

Instrument :

BNA_F

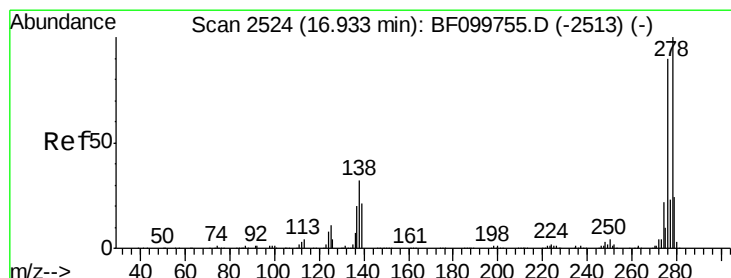
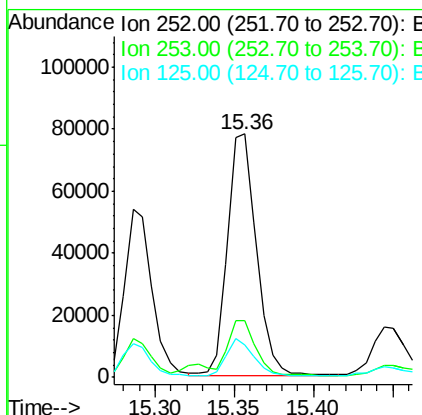
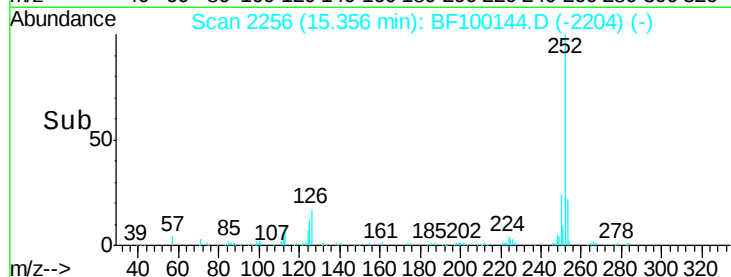
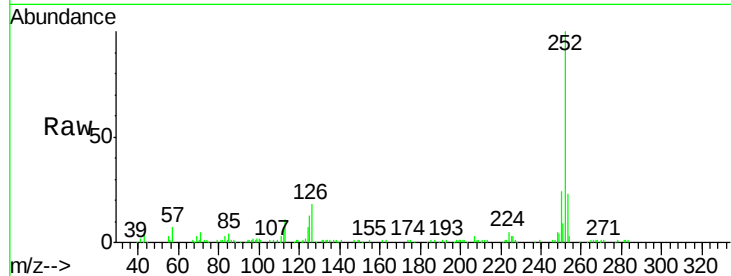
ClientSampleId :

SB-12-FILL(1-2)

Tgt Ion:	252	Resp:	99618
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.1	25.7
125	13.2	9.8	14.6

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#90

Dibenzo(a,h)anthracene

Concen: 2.211 ng m

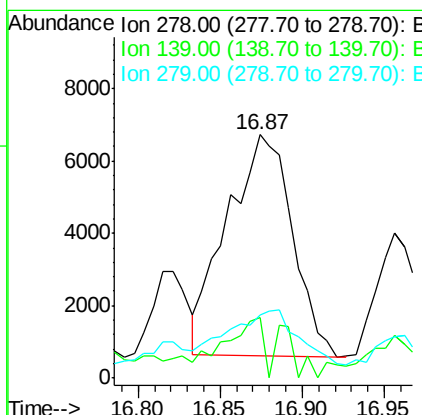
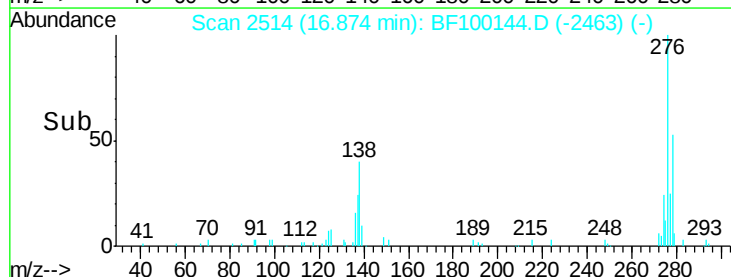
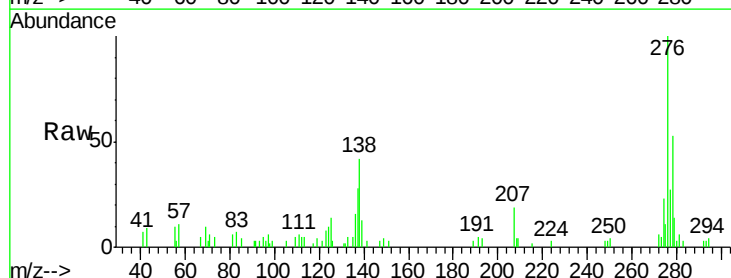
RT: 16.87 min Scan# 2514

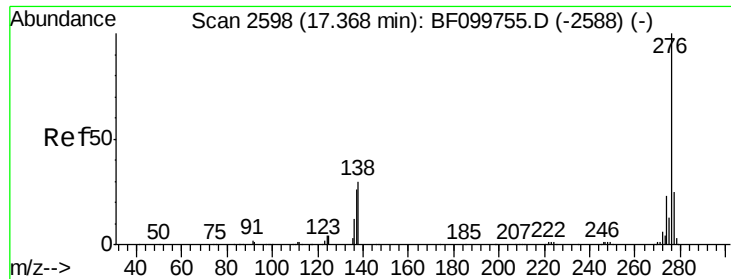
Delta R.T. 0.00 min

Lab File: BF100144.D

Acq: 3 Nov 2017 19:37

Tgt Ion:	278	Resp:	16902
Ion Ratio	Lower	Upper	
278	100		
139	25.0	15.9	23.9#
279	25.8	19.0	28.4





#91
 Benzo(g,h,i)perylene
 Concen: 7.420 ng
 RT: 17.34 min Scan# 2593
 Delta R.T. 0.02 min
 Lab File: BF100144.D
 Acq: 3 Nov 2017 19:37

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-FILL(1-2)

Tgt Ion:	276	Resp:	55497
Ion Ratio		Lower	Upper
276	100		
277	24.0	17.9	26.9
138	28.5	21.8	32.8

Manual Integrations
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 11/4/2017 2:19:00 PM

