

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110117\
 Data File : BF100064.D
 Acq On : 2 Nov 2017 00:09
 Operator : SJ/JU
 Sample : I6247-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S13-SP3-C

Manual Integrations
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Quant Time: Nov 02 04:56:26 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	80831	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	313195	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	133004	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	204358	20.00	ng	0.01
75) Chrysene-d12	14.28	240	149033m	20.00	ng	0.31
86) Perylene-d12	16.12	264	142117m	20.00	ng	0.66
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	439505	85.36	ng	0.00
7) Phenol-d6	6.42	99	526273	86.21	ng	0.00
23) Nitrobenzene-d5	7.35	82	285930	58.78	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	93352	77.02	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	422713	49.03	ng	0.00
78) Terphenyl-d14	13.00	244	264011m	38.71	ng	0.10
Target Compounds						
10) Phenol	6.44	94	25736	3.840	ng	89
49) Dimethylphthalate	9.53	163	126309	11.992	ng	99
70) Phenanthrene	11.34	178	94153	8.164	ng	98
74) Fluoranthene	12.60	202	129391	10.796	ng	97
77) Pyrene	12.85	202	114302	10.086	ng	99
80) Benzo(a)anthracene	14.26	228	70183m	7.429	ng	
82) Chrysene	14.31	228	74288m	8.364	ng	
87) Benzo(b)fluoranthene	15.64	252	110890m	12.357	ng	
88) Benzo(k)fluoranthene	15.67	252	42222m	4.989	ng	
89) Benzo(a)pyrene	15.99	252	54759m	6.793	ng	
91) Benzo(g,h,i)perylene	17.70	276	43209m	6.166	ng	

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

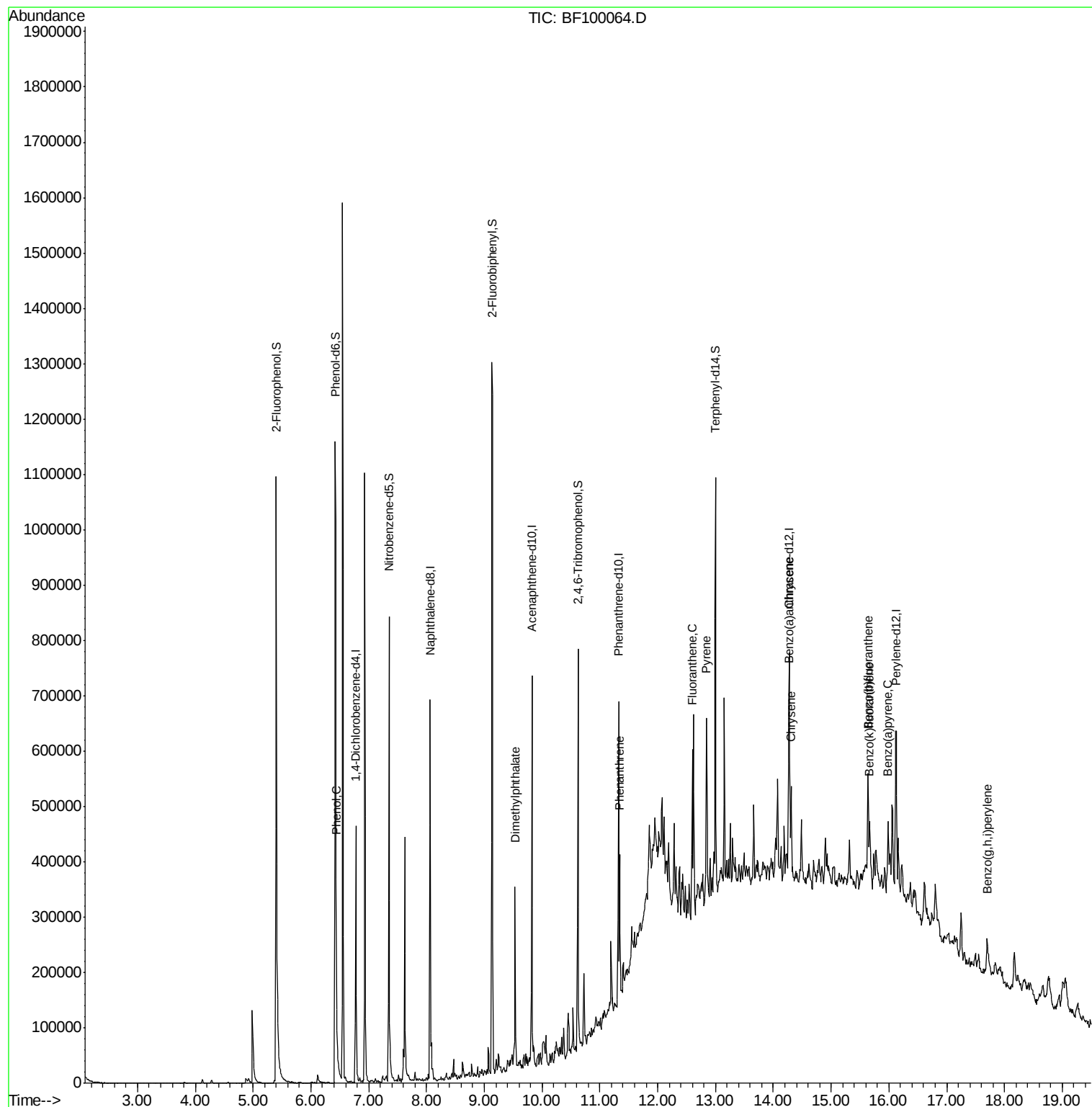
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100064.D
Acq On : 2 Nov 2017 00:09
Operator : SJ/JU
Sample : I6247-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

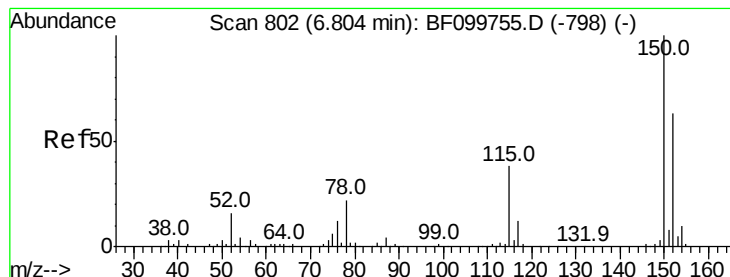
Instrument :
BNA_F
ClientSampleId :
S13-SP3-C

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Quant Time: Nov 02 04:56:26 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# 797

Delta R.T. -0.00 min

Lab File: BF100064.D

Acq: 2 Nov 2017 00:09

Instrument :

BNA_F

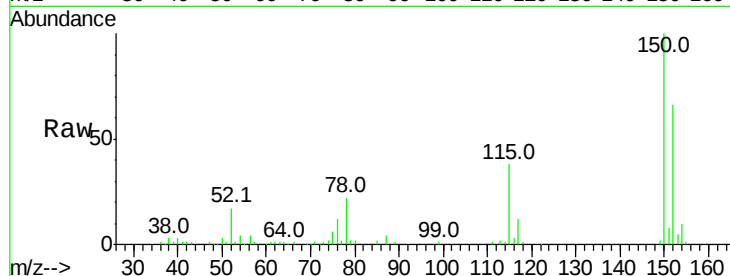
ClientSampleId :

S13-SP3-C

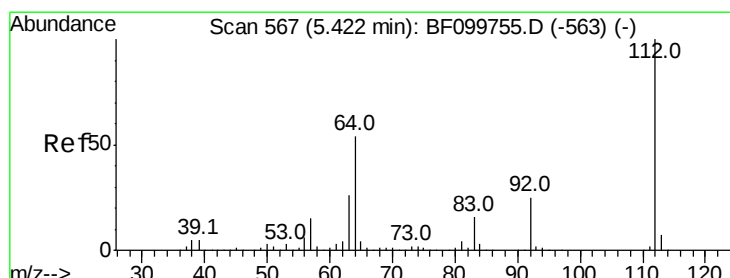
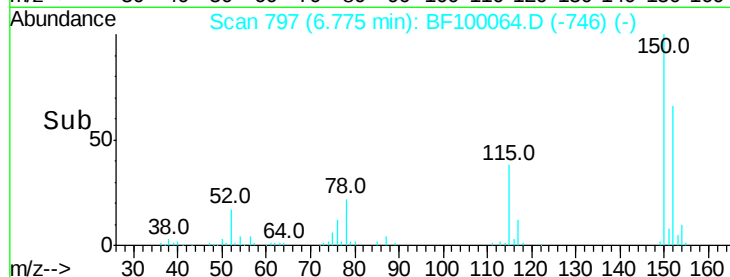
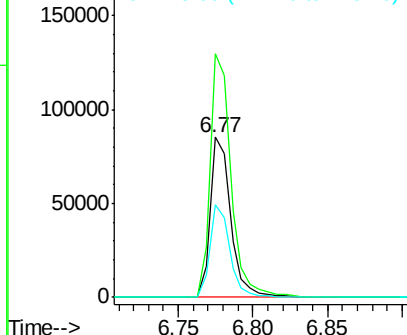
Tot Ion:	152	Resp:	80831
Ion	Ratio	Lower	Upper
152	100		
150	152.3	124.6	186.8
115	58.2	50.1	75.1

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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



#5

2-Fluorophenol

Concen: 85.364 ng

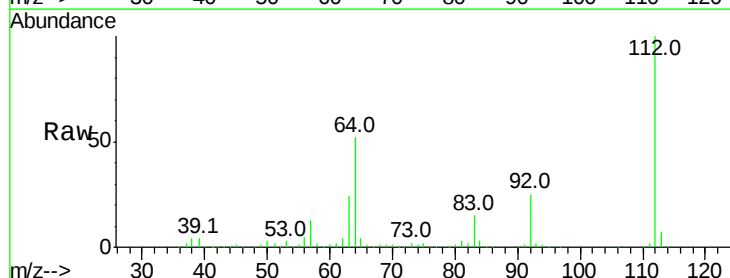
RT: 5.40 min Scan# 563

Delta R.T. 0.01 min

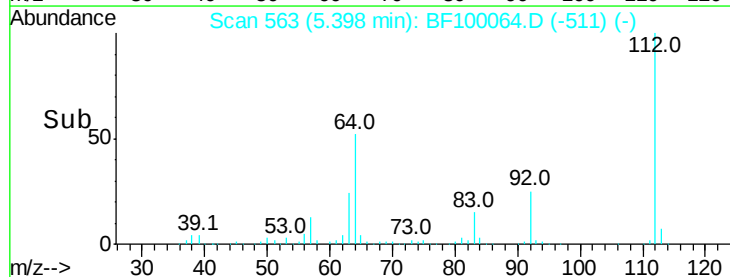
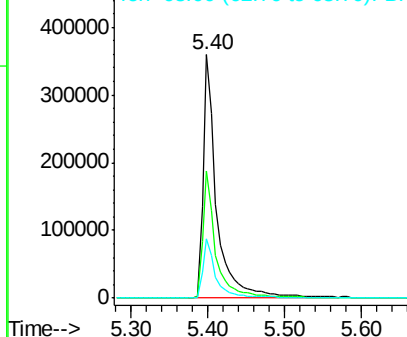
Lab File: BF100064.D

Acq: 2 Nov 2017 00:09

Tgt Ion:	112	Resp:	439505
Ion	Ratio	Lower	Upper
112	100		
64	52.2	47.9	71.9
63	24.3	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 86.207 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100064.D

Acq: 2 Nov 2017 00:09

Instrument :

BNA_F

ClientSampleId :

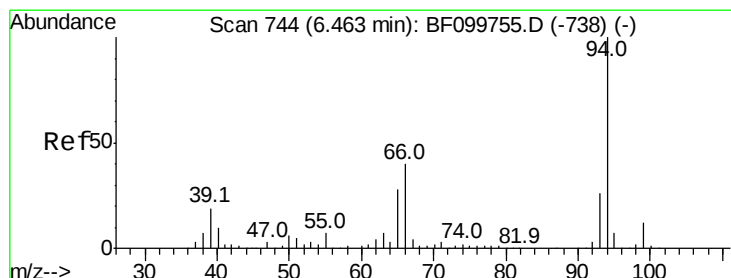
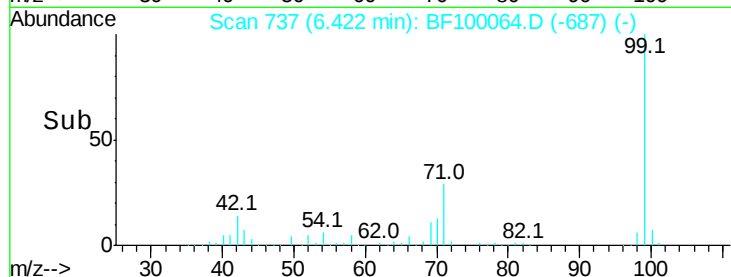
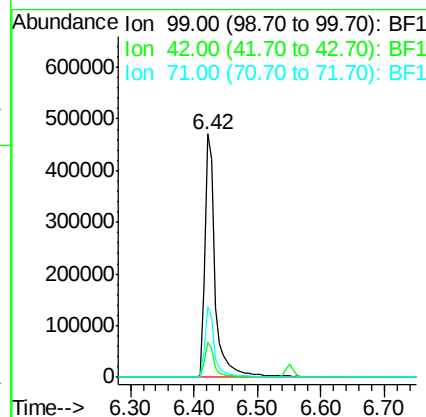
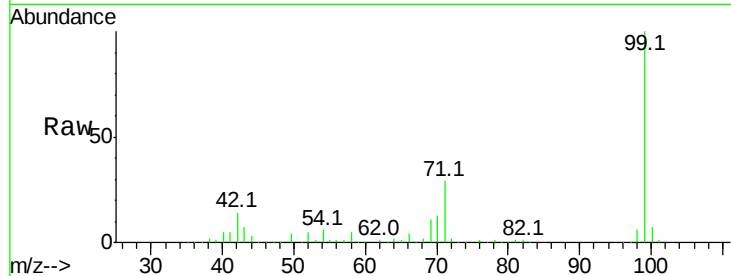
S13-SP3-C

Tot Ion: 99 Resp: 526273

Ion	Ratio	Lower	Upper
99	100		
42	14.3	14.5	21.7#
71	29.2	25.4	38.0

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#10

Phenol

Concen: 3.840 ng

RT: 6.44 min Scan# 740

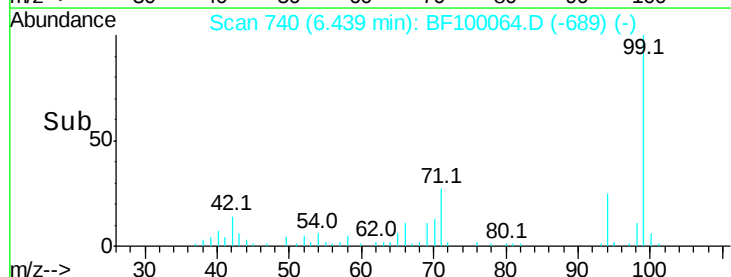
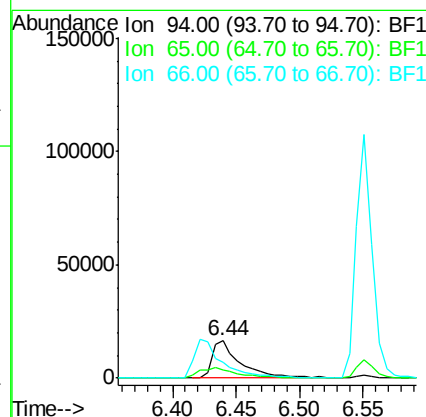
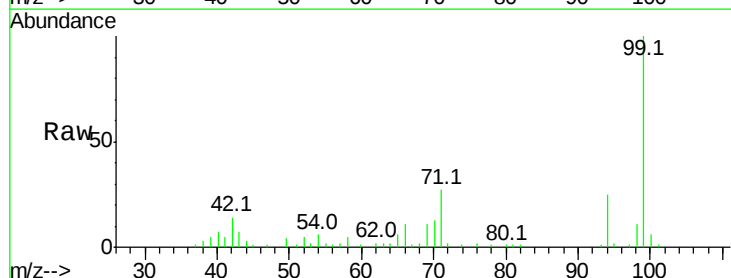
Delta R.T. -0.00 min

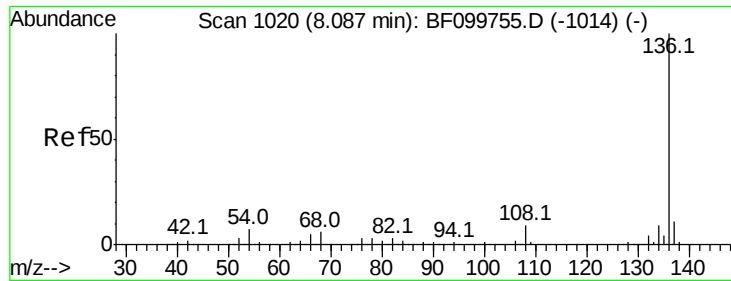
Lab File: BF100064.D

Acq: 2 Nov 2017 00:09

Tgt Ion: 94 Resp: 25736

Ion	Ratio	Lower	Upper
94	100		
65	22.5	7.9	47.9
66	42.9	16.2	56.2





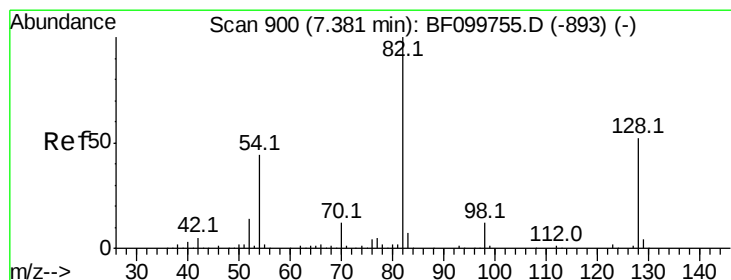
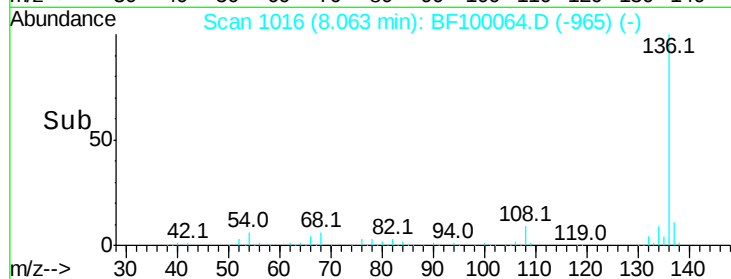
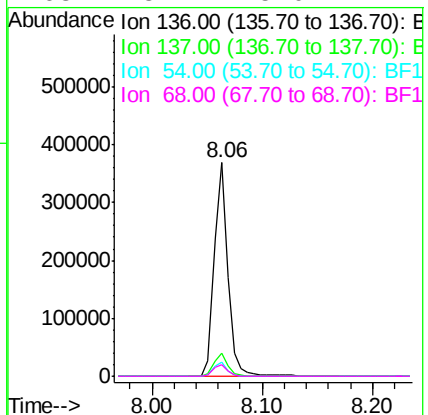
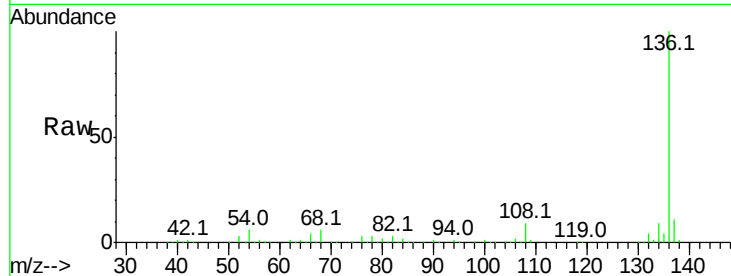
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF100064.D
Acq: 2 Nov 2017 00:09

Instrument :
BNA_F
ClientSampled :
S13-SP3-C

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.9	13.3	
54	6.5	6.6	9.8	
68	5.7	5.0	7.4	

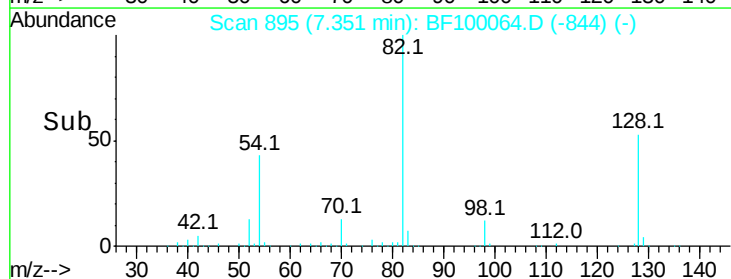
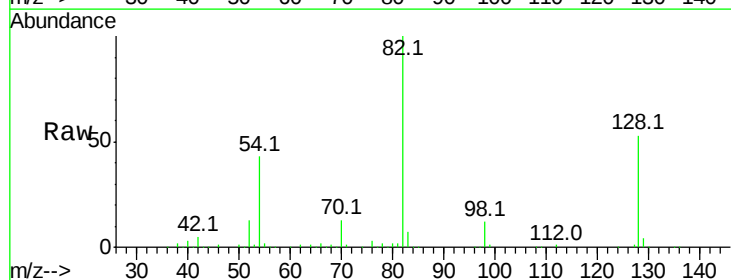
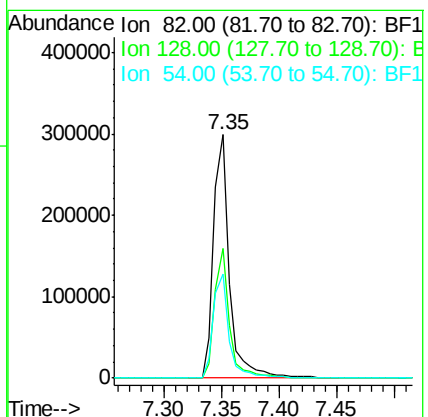
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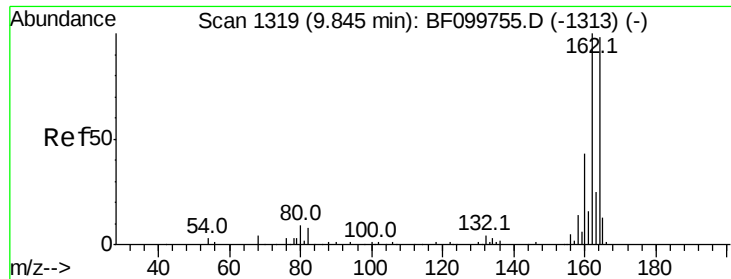
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#23
Nitrobenzene-d5
Concen: 58.776 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BF100064.D
Acq: 2 Nov 2017 00:09

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	53.1	36.1	54.1	
54	43.0	41.4	62.2	





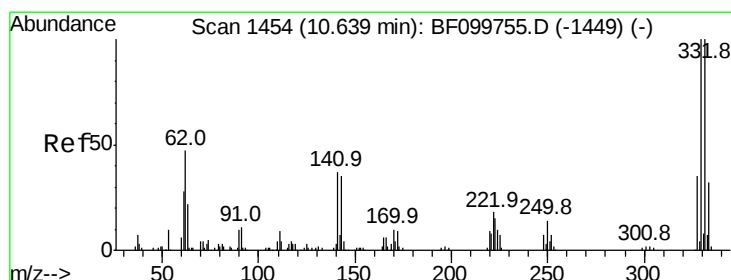
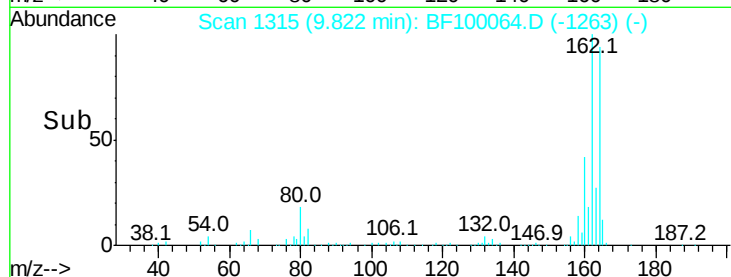
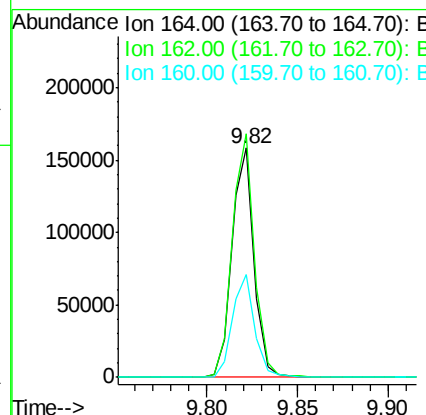
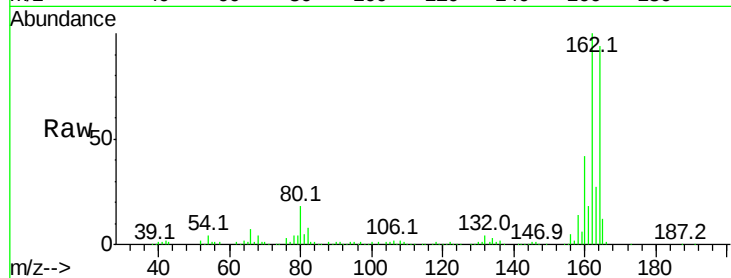
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.01 min
 Lab File: BF100064.D
 Acq: 2 Nov 2017 00:09

Instrument :
 BNA_F
 ClientSampleId :
 S13-SP3-C

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.3	86.1	129.1
160	44.7	38.3	57.5

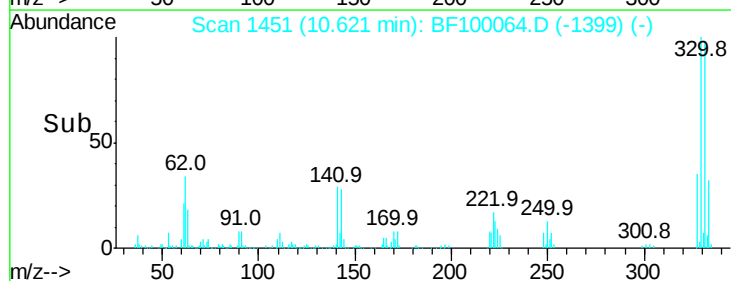
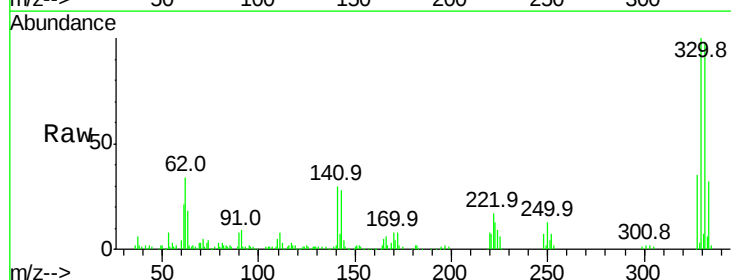
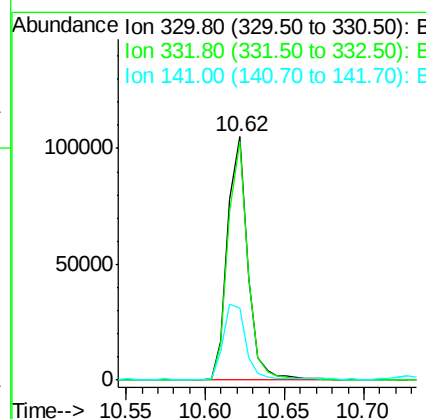
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#41
 2,4,6-Tribromophenol
 Concen: 77.018 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.01 min
 Lab File: BF100064.D
 Acq: 2 Nov 2017 00:09

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	34.5	29.9	44.9





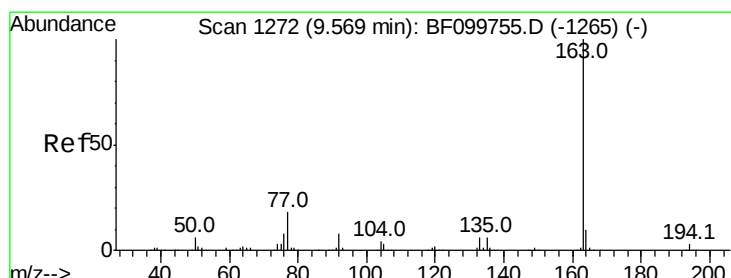
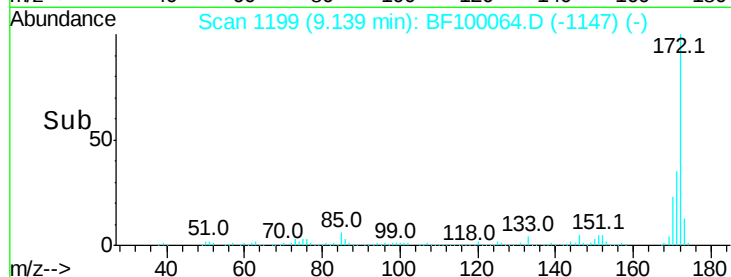
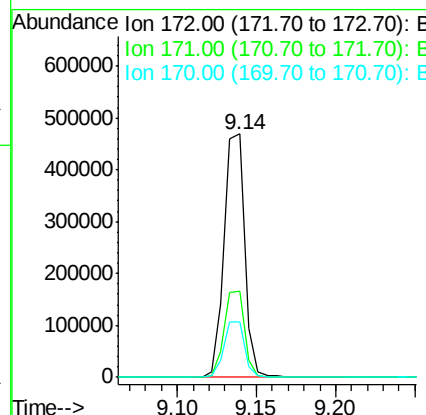
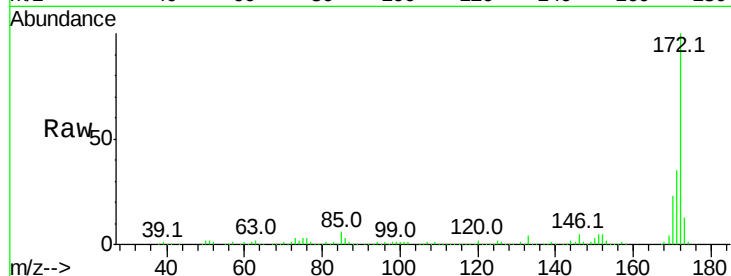
#44
2-Fluorobiphenyl
Concen: 49.034 ng
RT: 9.14 min Scan# 1199
Delta R.T. 0.01 min
Lab File: BF100064.D
Acq: 2 Nov 2017 00:09

Instrument :
BNA_F
ClientSampleId :
S13-SP3-C

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	22.6	19.6	29.4

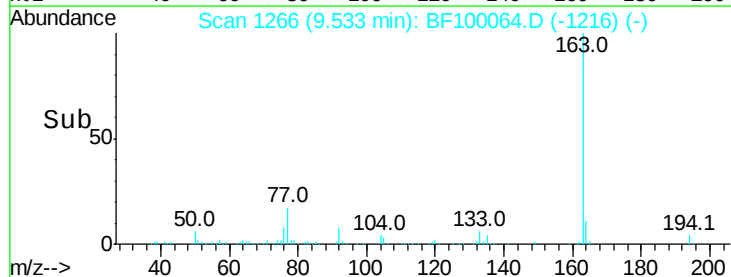
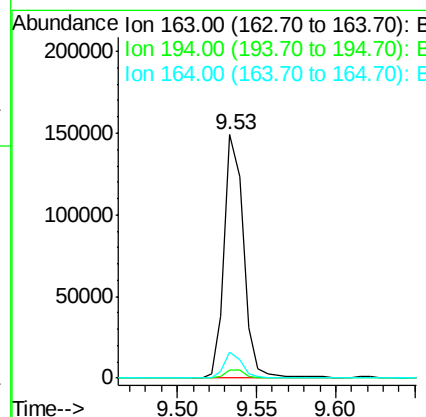
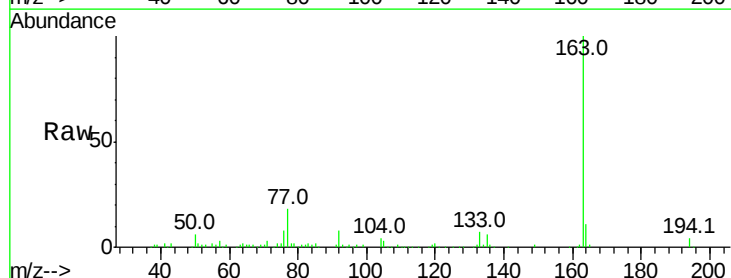
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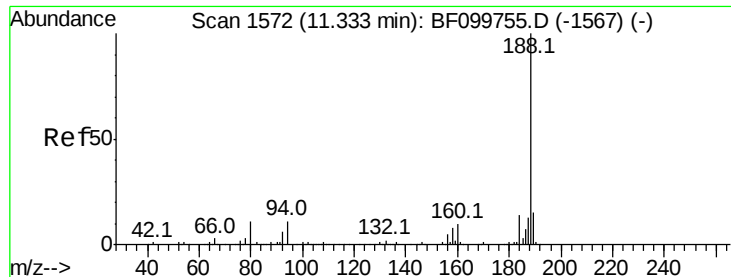
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#49
Dimethylphthalate
Concen: 11.992 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF100064.D
Acq: 2 Nov 2017 00:09

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.7	8.2	12.2





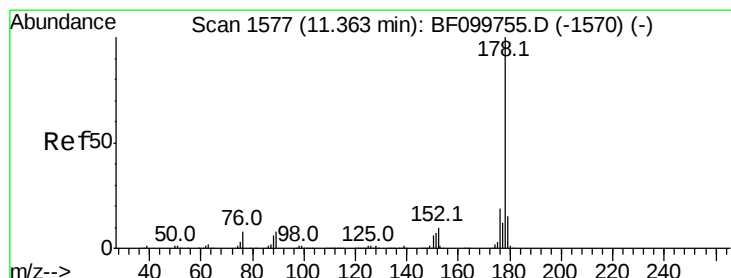
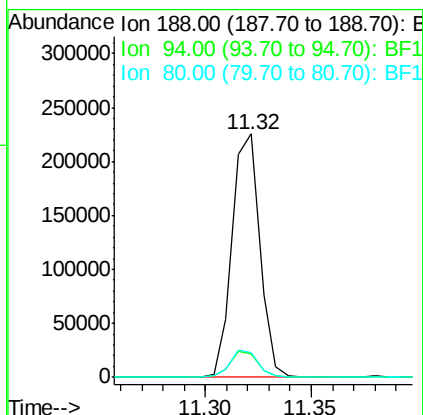
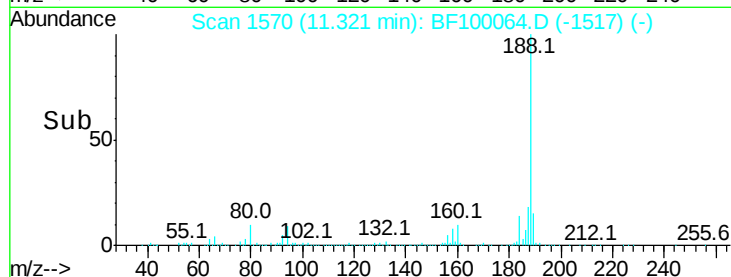
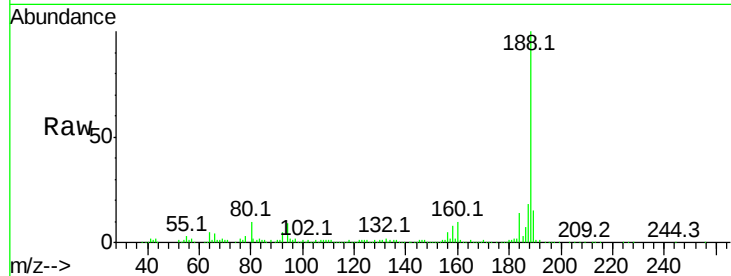
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF100064.D
Acq: 2 Nov 2017 00:09

Instrument :
BNA_F
ClientSampleId :
S13-SP3-C

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.1	9.2	13.8

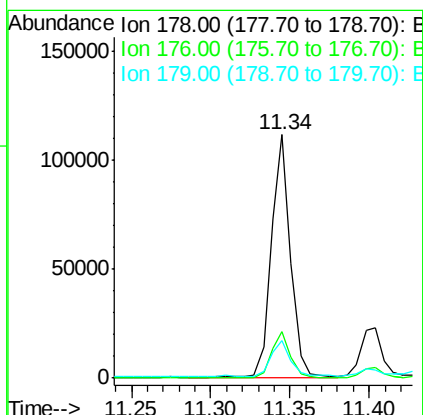
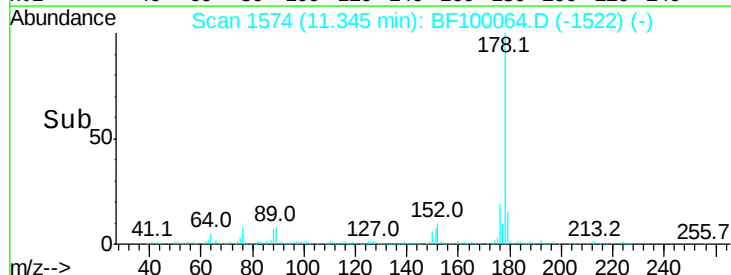
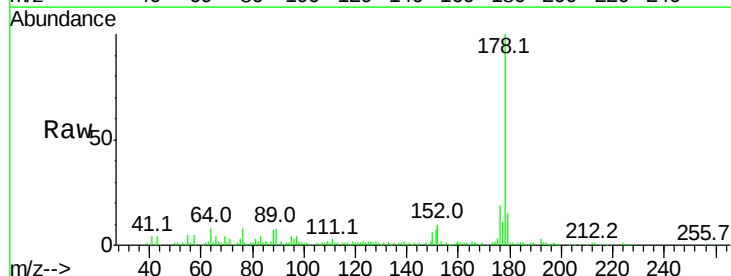
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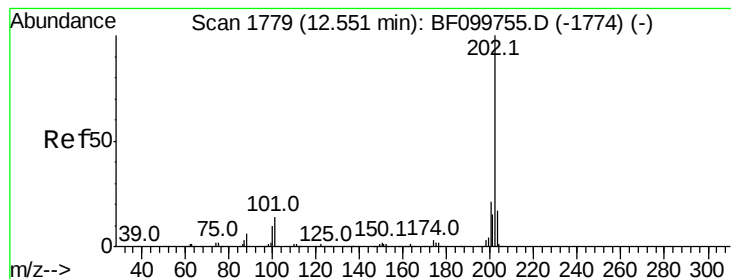
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#70
Phenanthrene
Concen: 8.164 ng
RT: 11.34 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF100064.D
Acq: 2 Nov 2017 00:09

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.5	13.0	19.6





#74

Fluoranthene

Concen: 10.796 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.06 min

Lab File: BF100064.D

Acq: 2 Nov 2017 00:09

Instrument :

BNA_F

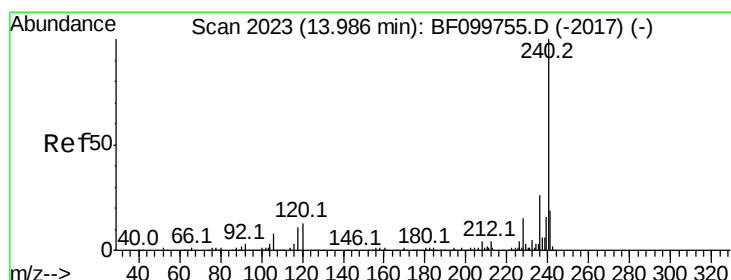
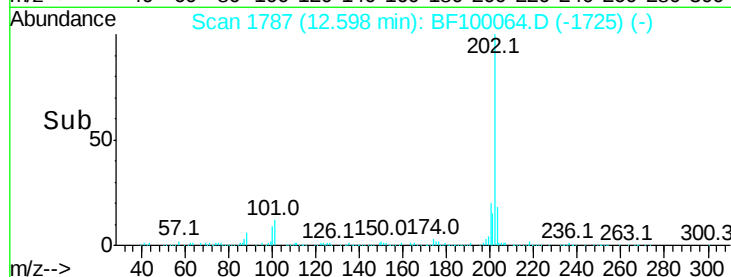
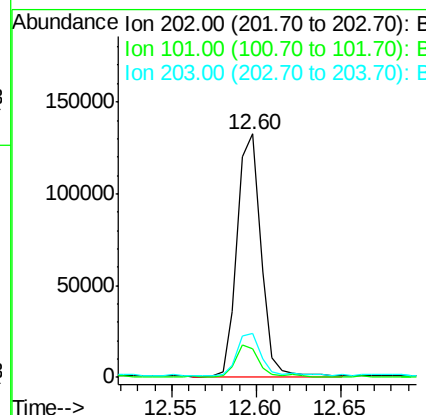
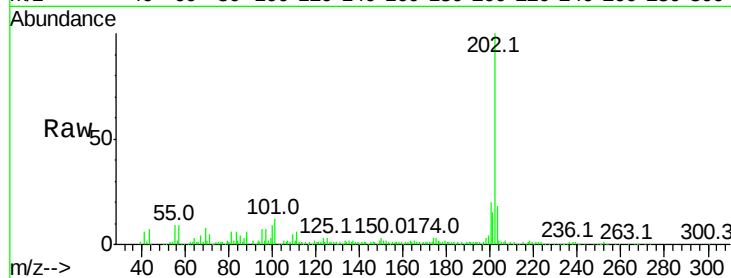
ClientSampleId :

S13-SP3-C

Tot Ion:	202	Resp:	129391
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	34.1
203	18.0	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng m

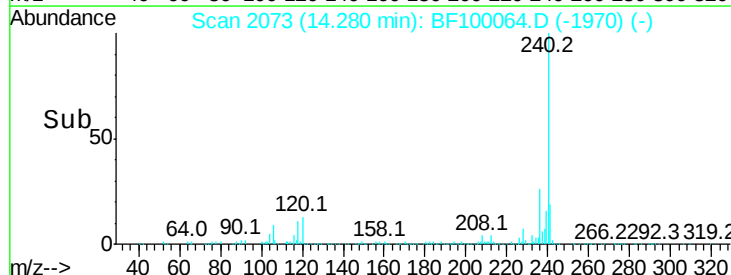
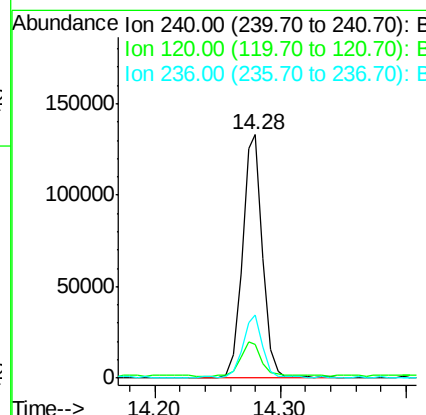
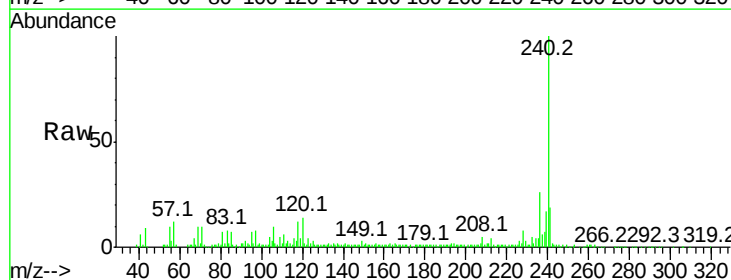
RT: 14.28 min Scan# 2073

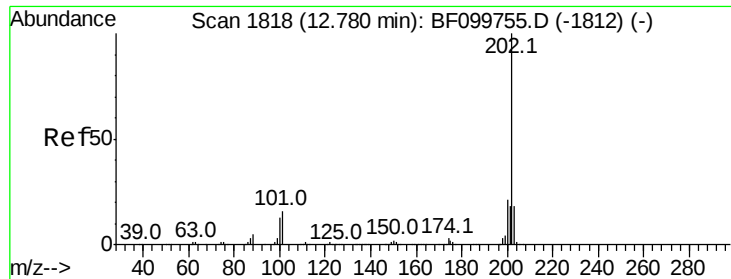
Delta R.T. 0.31 min

Lab File: BF100064.D

Acq: 2 Nov 2017 00:09

Tgt Ion:	240	Resp:	149033
Ion Ratio	Lower	Upper	
240	100		
120	13.8	9.5	14.3
236	26.1	20.7	31.1





#77

Pvrene

Concen: 10.086 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.09 min

Lab File: BF100064.D

Acq: 2 Nov 2017 00:09

Instrument :

BNA_F

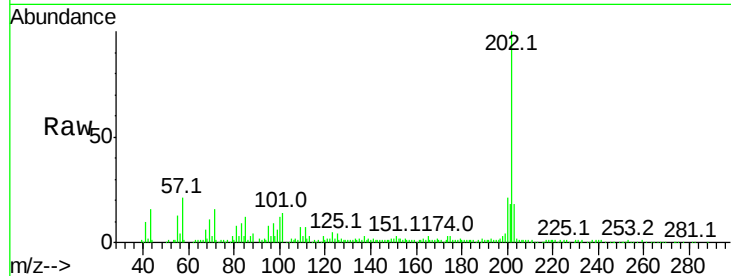
ClientSampleId :

S13-SP3-C

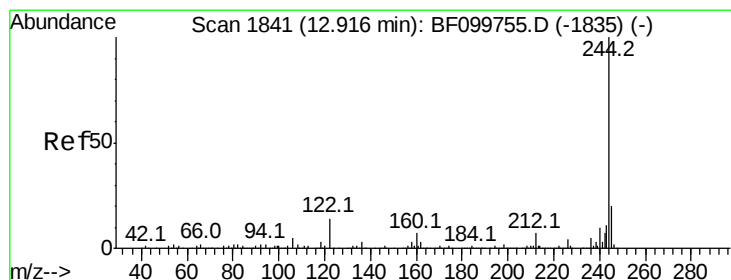
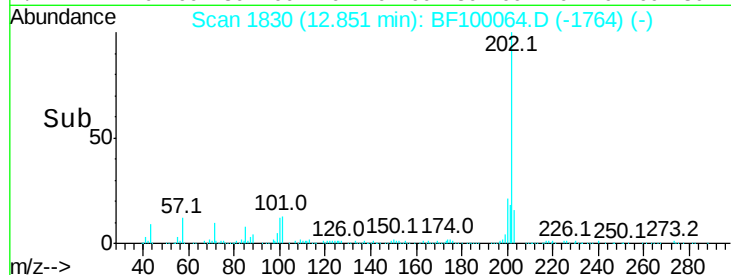
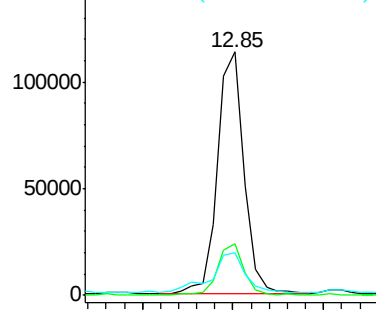
Tot Ion:	202	Resp:	114302
Ion Ratio		Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.5	14.3	21.5

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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: 38.714 ng m

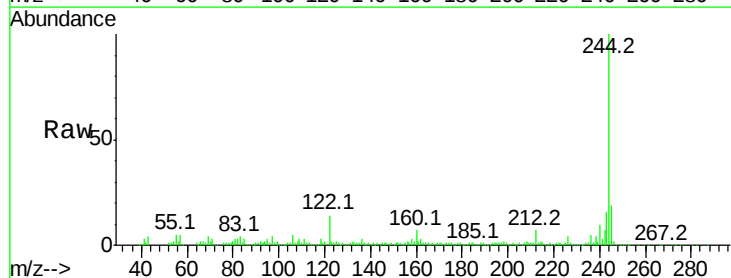
RT: 13.00 min Scan# 1855

Delta R.T. 0.10 min

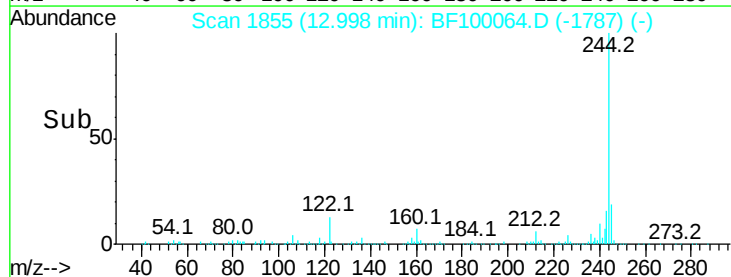
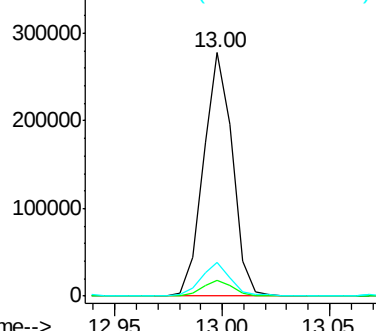
Lab File: BF100064.D

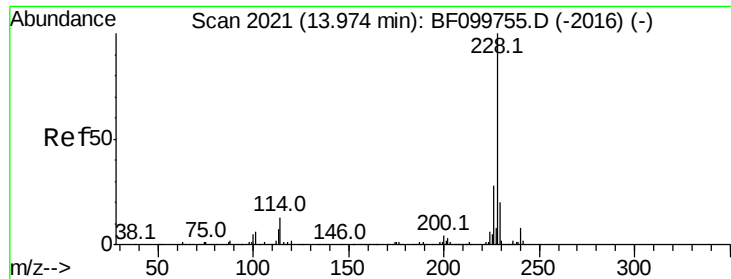
Acq: 2 Nov 2017 00:09

Tgt Ion:	244	Resp:	264011
Ion Ratio		Lower	Upper
244	100		
212	6.6	5.4	8.0
122	13.7	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





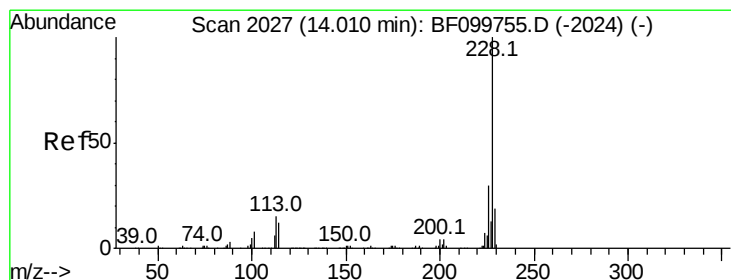
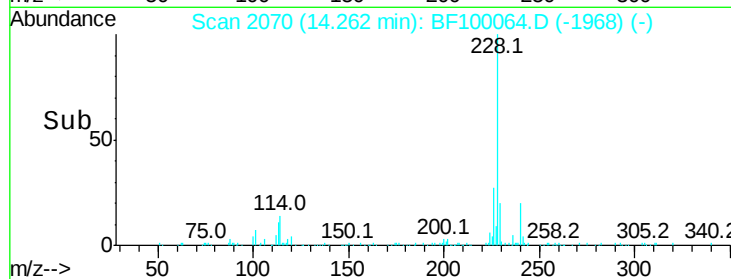
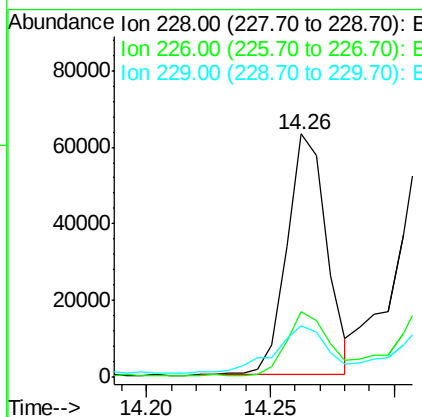
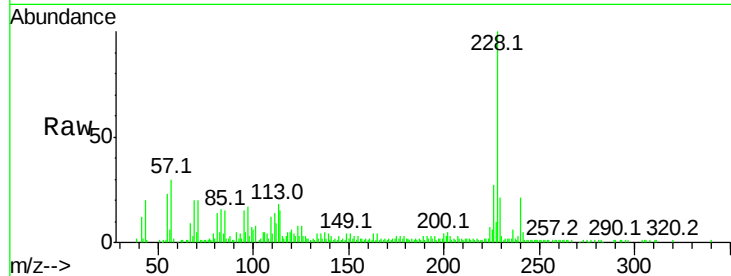
#80
Benzo(a)anthracene
Concen: 7.429 ng m
RT: 14.26 min Scan# 2070
Delta R.T. 0.30 min
Lab File: BF100064.D
Acq: 2 Nov 2017 00:09

Instrument :
BNA_F
ClientSampleId :
S13-SP3-C

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	33.8
229	21.2	15.8	23.6

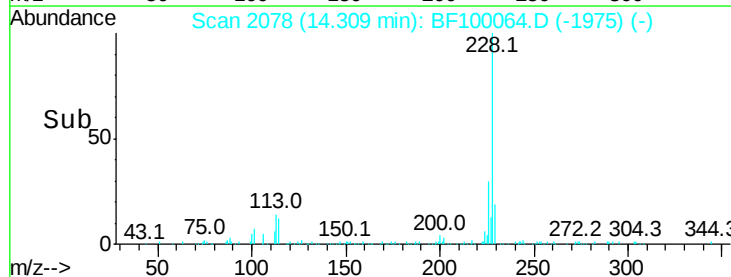
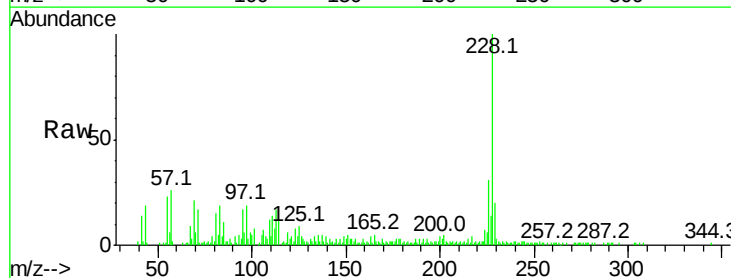
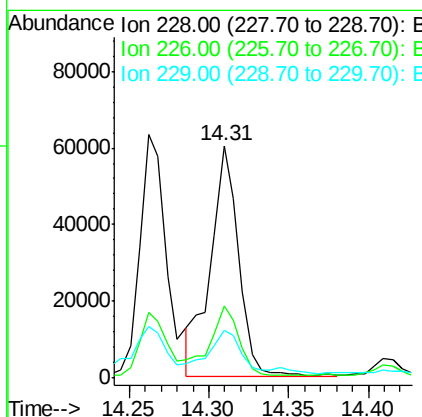
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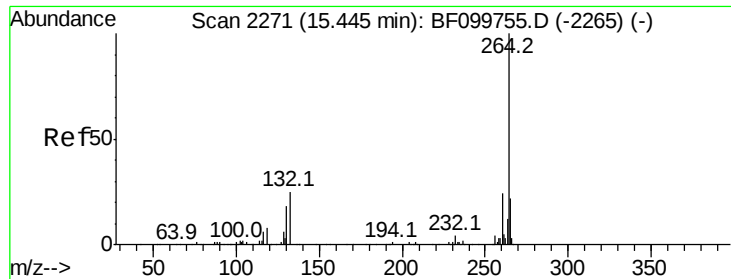
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#82
Chrysene
Concen: 8.364 ng m
RT: 14.31 min Scan# 2078
Delta R.T. 0.31 min
Lab File: BF100064.D
Acq: 2 Nov 2017 00:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	20.3	16.2	24.4





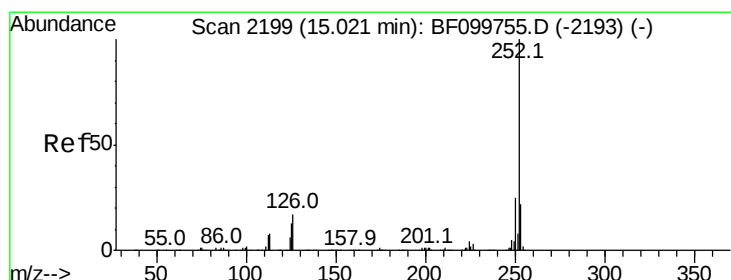
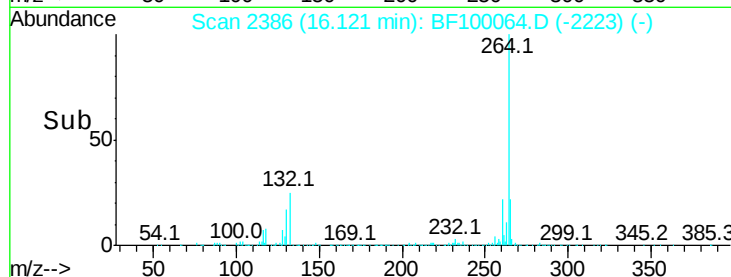
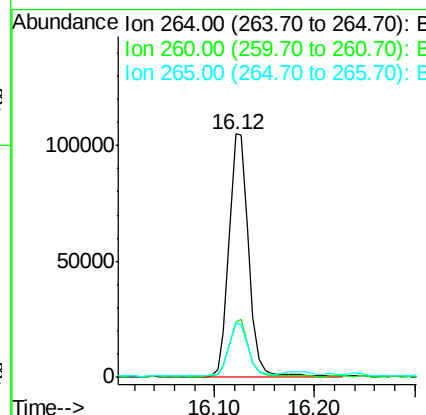
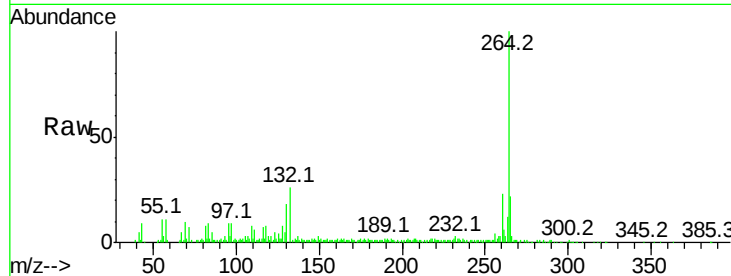
#86
Pervlene-d12
Concen: 20.000 ng m
RT: 16.12 min Scan# 2386
Delta R.T. 0.66 min
Lab File: BF100064.D
Acq: 2 Nov 2017 00:09

Instrument :
BNA_F
ClientSampled :
S13-SP3-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	22.4	17.5	26.3

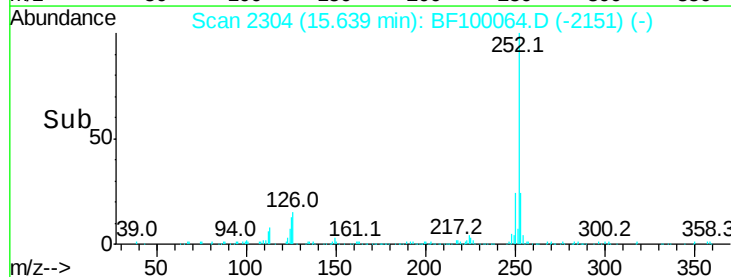
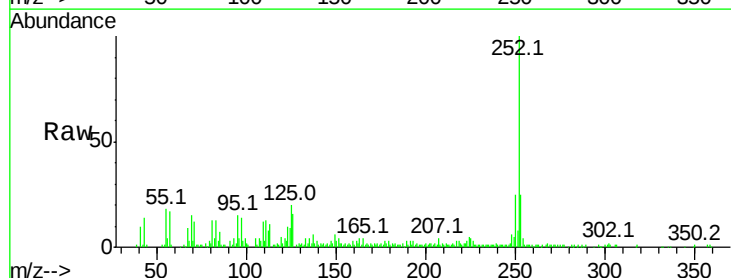
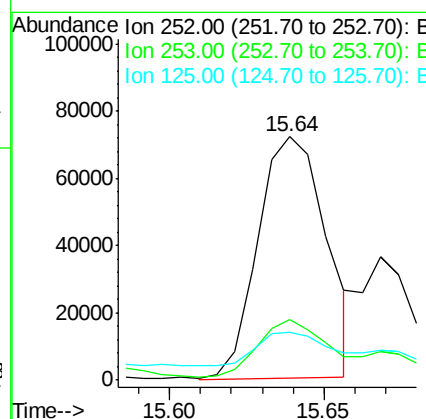
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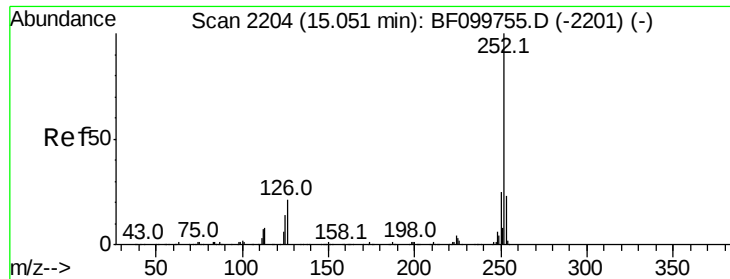
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#87
Benzo(b)fluoranthene
Concen: 12.357 ng m
RT: 15.64 min Scan# 2304
Delta R.T. 0.60 min
Lab File: BF100064.D
Acq: 2 Nov 2017 00:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.0	25.6
125	19.6	9.0	13.6





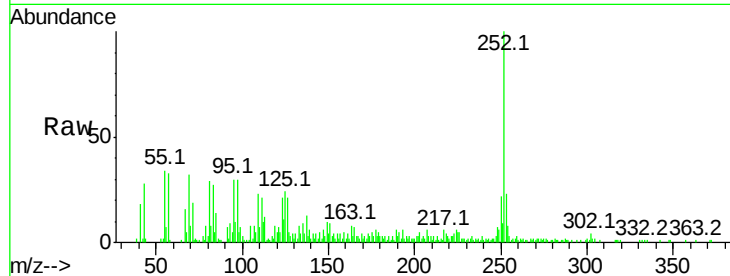
#88
Benzo(k)fluoranthene
Concen: 4.989 ng m
RT: 15.67 min Scan# 2309
Delta R.T. 0.60 min
Lab File: BF100064.D
Acq: 2 Nov 2017 00:09

Instrument :
BNA_F
ClientSampled :
S13-SP3-C

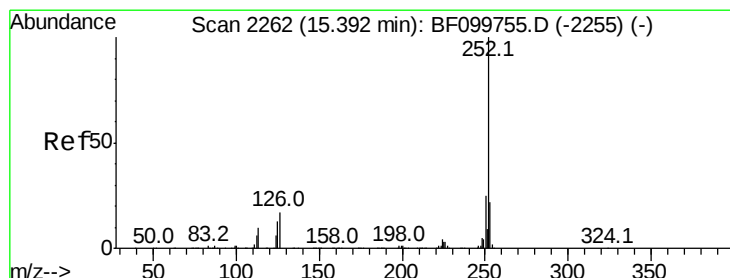
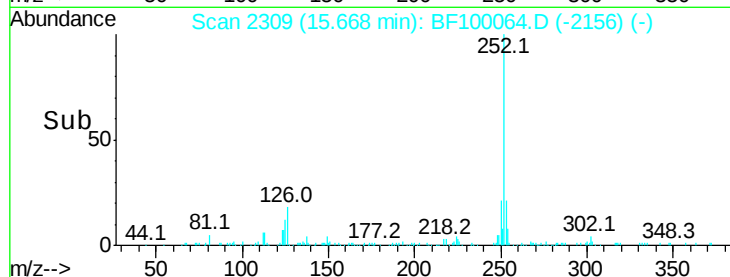
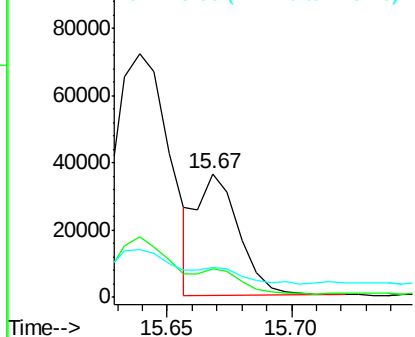
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	24.0	10.2	15.2

Manual Integrations
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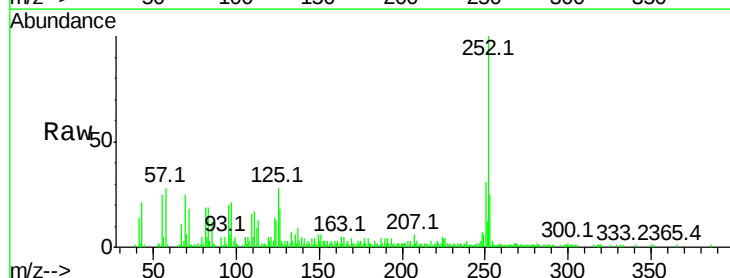


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

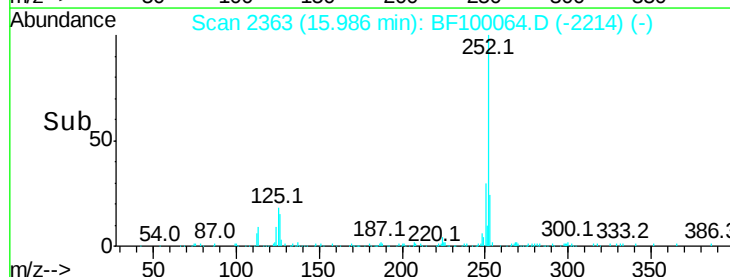
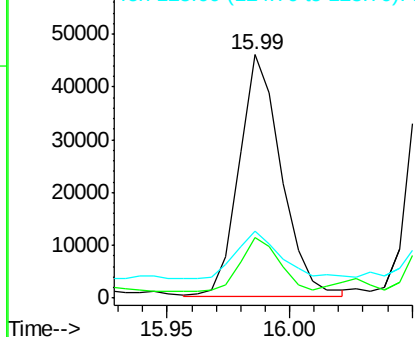


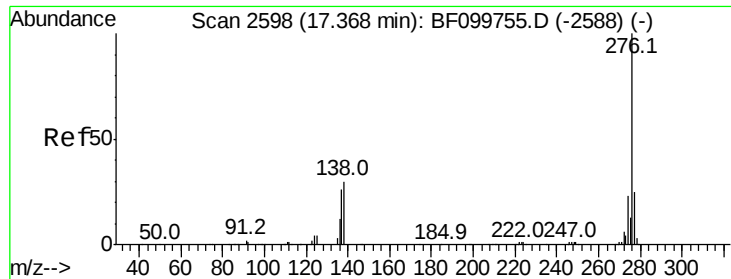
#89
Benzo(a)pyrene
Concen: 6.793 ng m
RT: 15.99 min Scan# 2363
Delta R.T. 0.58 min
Lab File: BF100064.D
Acq: 2 Nov 2017 00:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.1	25.7
125	27.6	9.8	14.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 6.166 ng/ml
 RT: 17.70 min Scan# 2655
 Delta R.T. 0.30 min
 Lab File: BF100064.D
 Acq: 2 Nov 2017 00:09

Instrument :
 BNA_F
 ClientSampleId :
 S13-SP3-C

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.5	17.9	26.9
138	34.3	21.8	32.8

Manual Integrations
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