

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100418\
 Data File : BF109584.D
 Acq On : 4 Oct 2018 14:11
 Operator : JU/SJ
 Sample : J5238-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MT-T-5-8

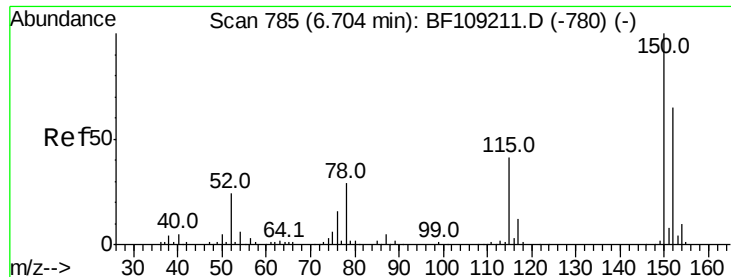
Manual Integrations
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Sohil
 10/5/2018 11:56:24 AM

Quant Time: Oct 04 15:32:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	104024	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	418161	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	188755	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	306255	20.00	ng	0.00
75) Chrysene-d12	13.84	240	231321	20.00	ng	0.00
86) Perylene-d12	15.24	264	269782	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	440051	69.68	ng	0.00
7) Phenol-d6	6.35	99	586480	72.77	ng	-0.01
23) Nitrobenzene-d5	7.26	82	387892	54.76	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	106407	57.19	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	607287	48.52	ng	-0.02
78) Terphenyl-d14	12.79	244	334305	35.47	ng	-0.02
Target Compounds						
10) Phenol	6.36	94	27497	3.013	ng	Qvalue # 75
49) Dimethylphthalate	9.45	163	73270	5.337	ng	97
70) Phenanthrene	11.23	178	33040	2.161	ng	98
74) Fluoranthene	12.42	202	66817	4.089	ng	96
77) Pyrene	12.64	202	56230	3.392	ng	98
80) Benzo(a)anthracene	13.83	228	33408	2.398	ng	98
82) Chrysene	13.86	228	32295	2.339	ng	96
83) Bis(2-ethylhexyl)phthalate	13.83	149	22084	2.483	ng	98
87) Benzo(b)fluoranthene	14.84	252	52707m	3.555	ng	
89) Benzo(a)pyrene	15.18	252	35129	2.630	ng	95

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



#1

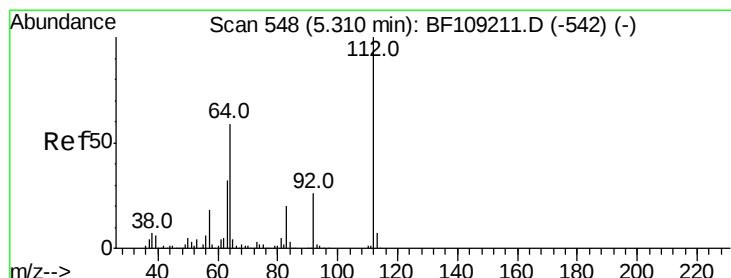
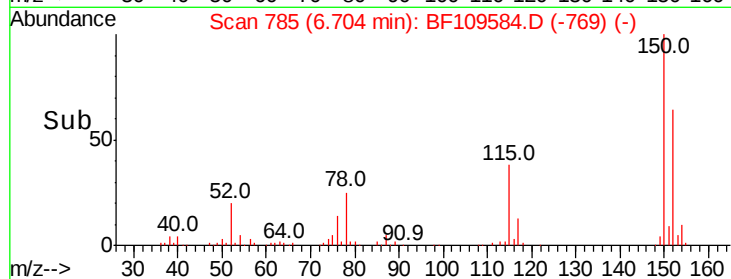
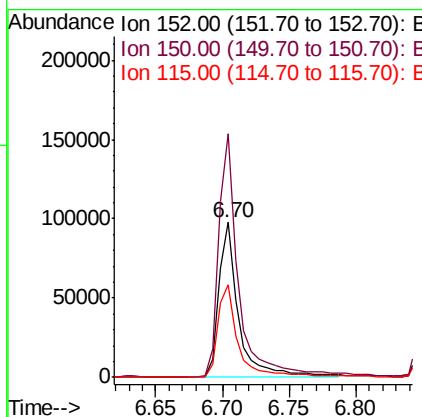
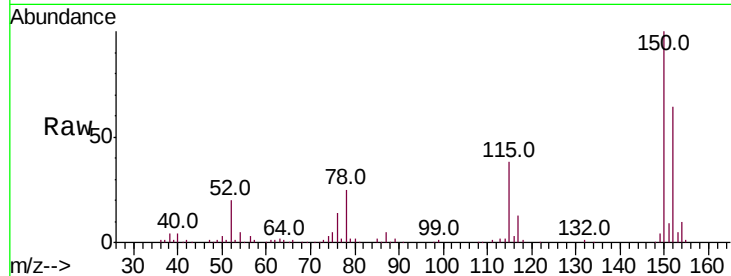
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109584.D
Acq: 4 Oct 2018 14:11

Instrument :
BNA_F
ClientSampleId :
MT-T-5-8

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	59.8	50.1	75.1

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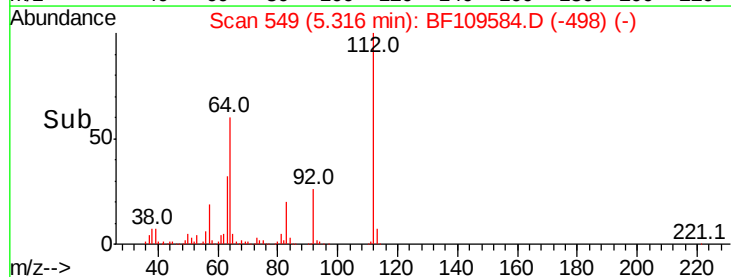
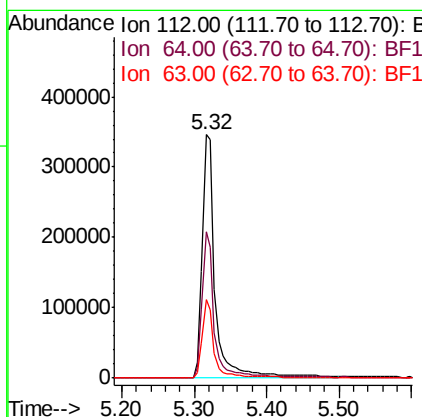
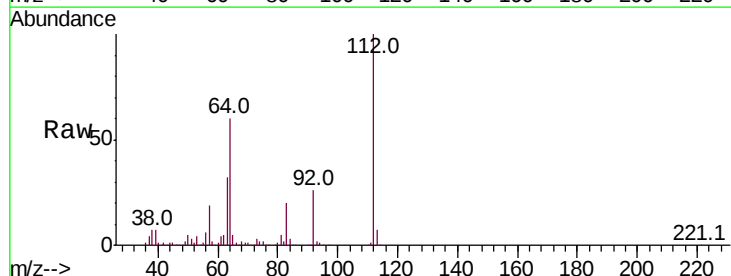
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#5

2-Fluorophenol
Concen: 69.676 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109584.D
Acq: 4 Oct 2018 14:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	47.9	71.9
63	32.4	23.7	35.5





#7

Phenol-d6

Concen: 72.773 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109584.D

Acq: 4 Oct 2018 14:11

Instrument :

BNA_F

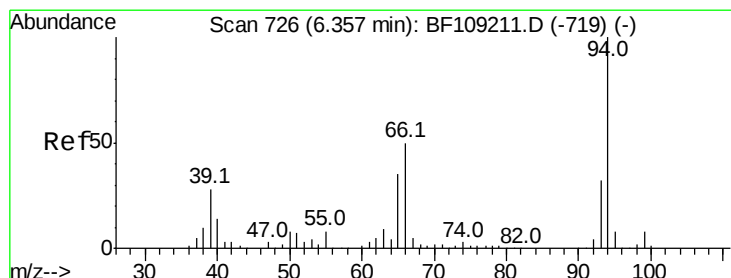
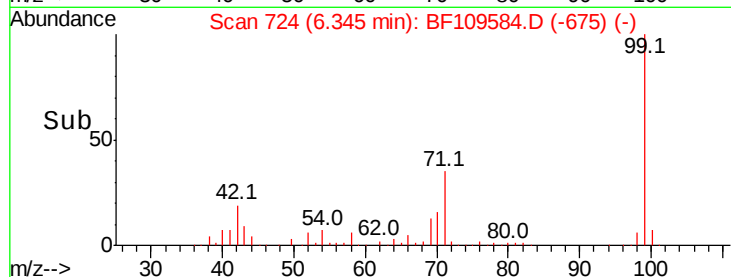
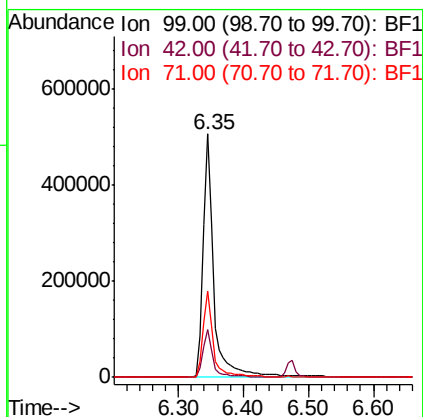
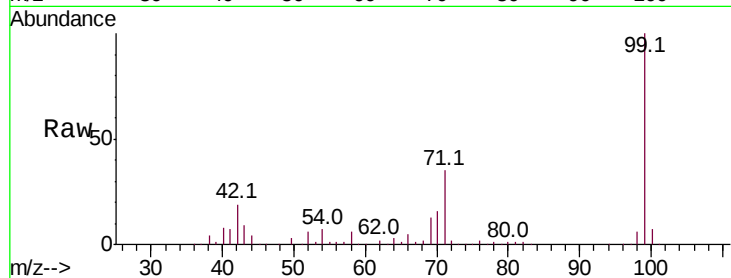
ClientSampleId :

MT-T-5-8

Tot Ion:	99	Resp:	586480
Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.5	21.7
71	35.2	25.4	38.0

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#10

Phenol

Concen: 3.013 ng

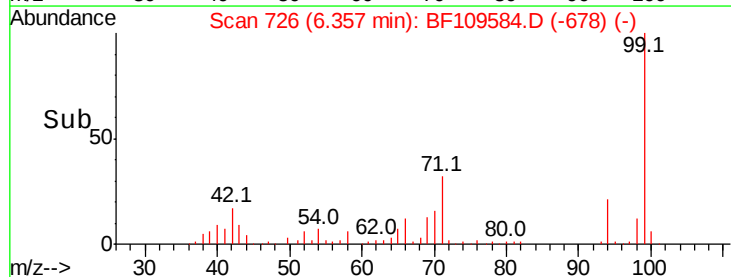
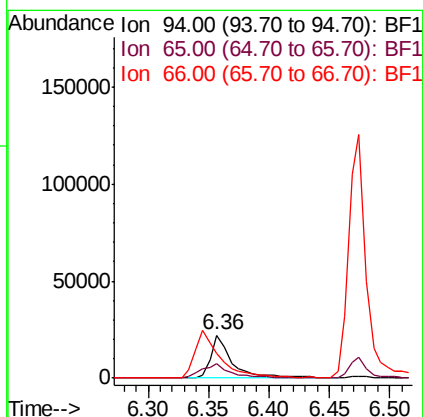
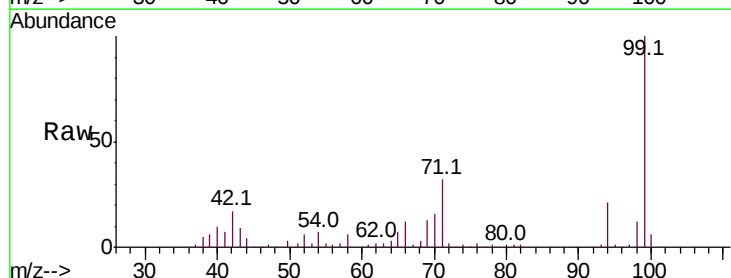
RT: 6.36 min Scan# 726

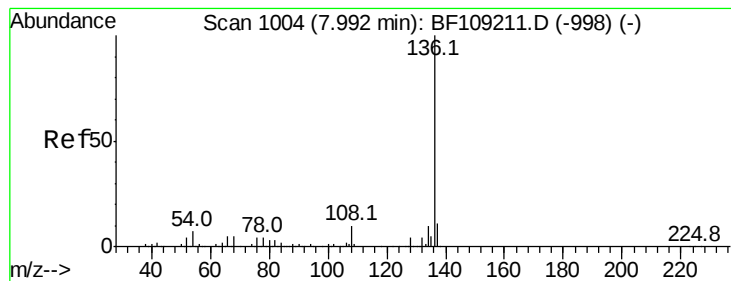
Delta R.T. -0.02 min

Lab File: BF109584.D

Acq: 4 Oct 2018 14:11

Tgt Ion:	94	Resp:	27497
Ion	Ratio	Lower	Upper
94	100		
65	32.7	7.9	47.9
66	58.1	16.2	56.2#





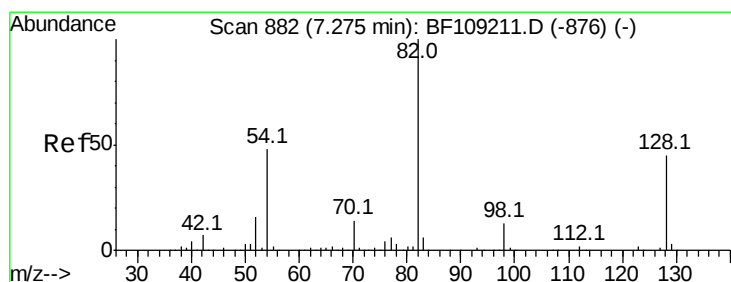
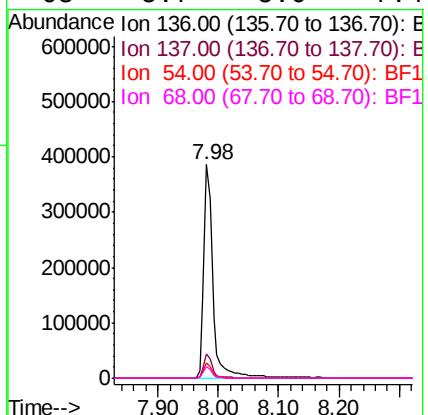
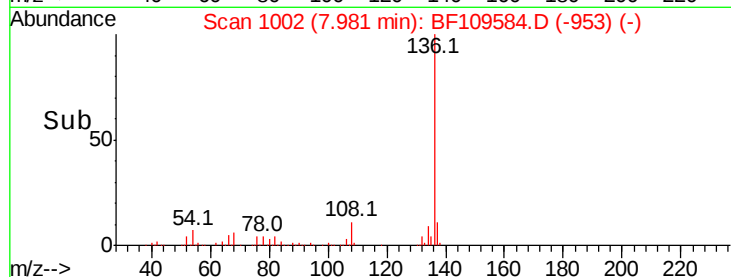
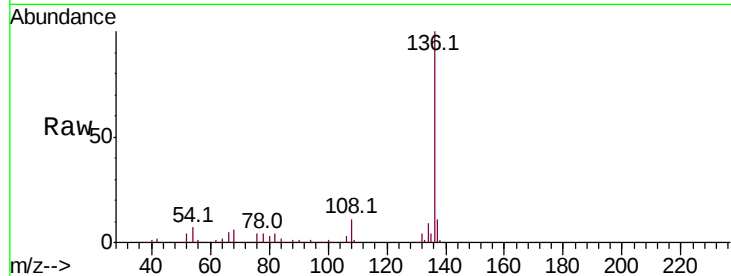
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF109584.D
Acq: 4 Oct 2018 14:11

Instrument :
BNA_F
ClientSampleId :
MT-T-5-8

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		418161		
137	11.3	8.9	13.3		
54	7.1	6.6	9.8		
68	5.7	5.0	7.4		

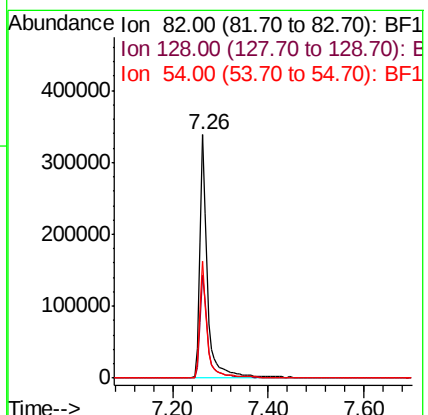
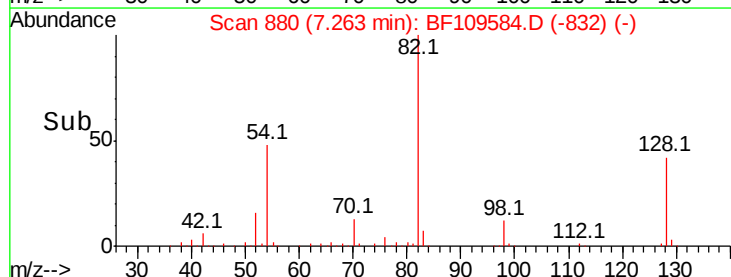
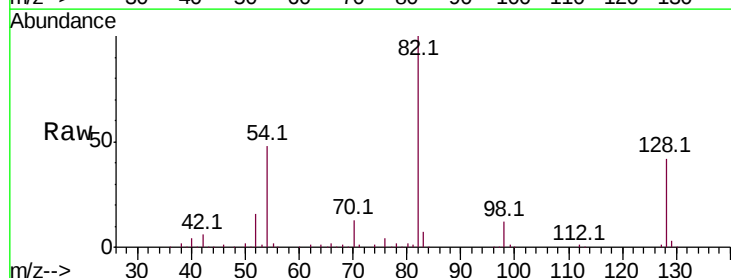
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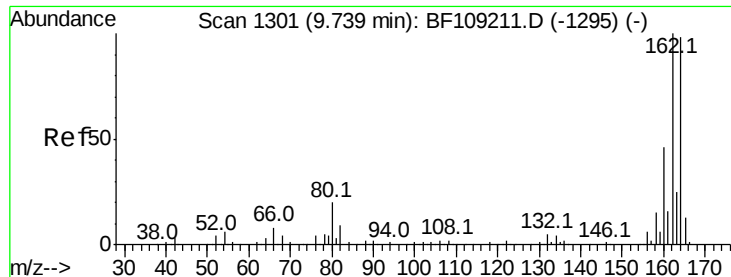
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#23
Nitrobenzene-d5
Concen: 54.758 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109584.D
Acq: 4 Oct 2018 14:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		387892		
128	42.0	36.1	54.1		
54	47.8	41.4	62.2		





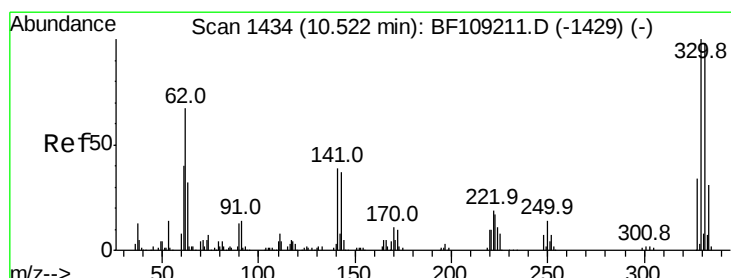
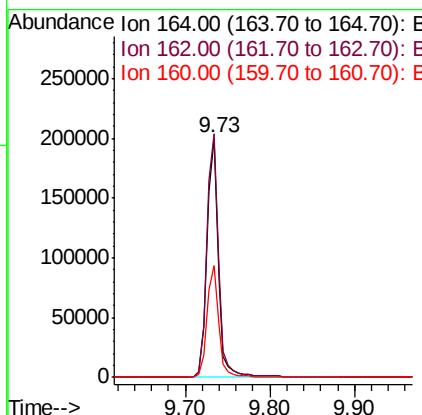
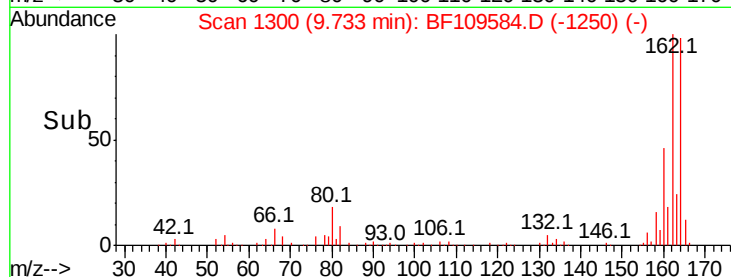
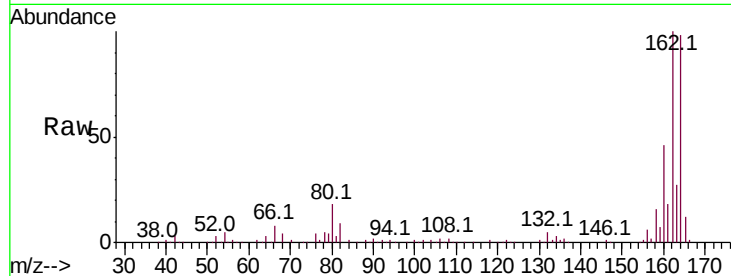
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109584.D
Acq: 4 Oct 2018 14:11

Instrument :
BNA_F
ClientSampled :
MT-T-5-8

Tot Ion	Ratio	Resp	Lower	Upper
164	100	188755		
162	101.9	86.1	129.1	
160	46.9	38.3	57.5	

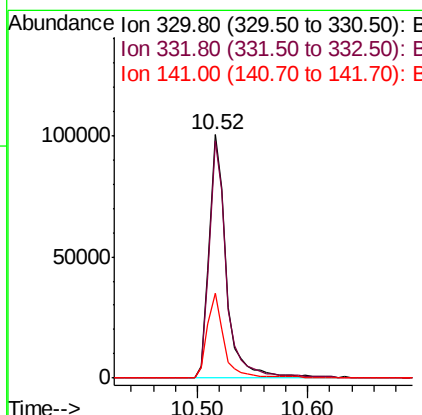
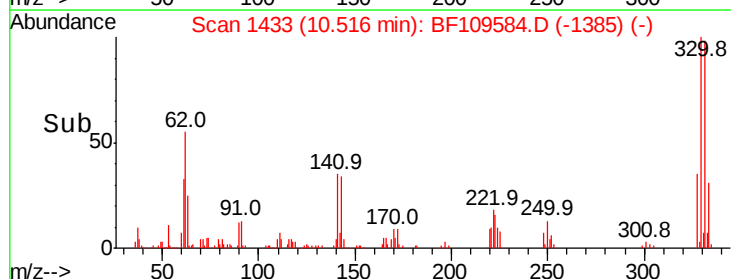
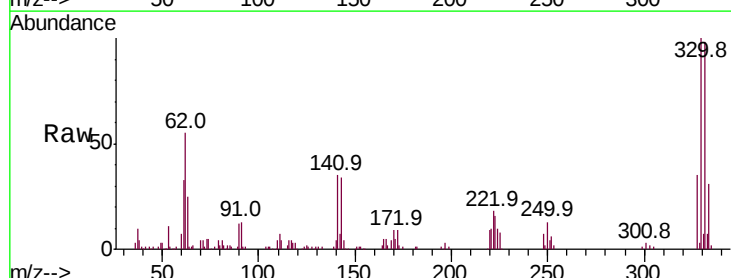
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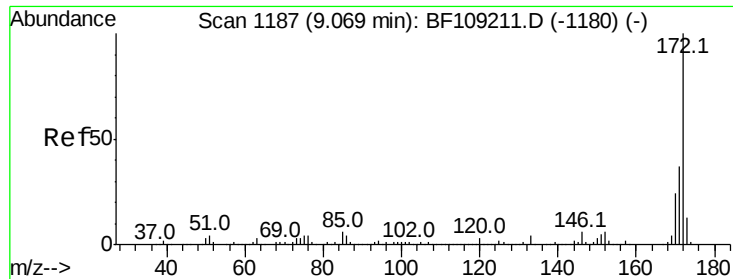
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#41
2,4,6-Tribromophenol
Concen: 57.186 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF109584.D
Acq: 4 Oct 2018 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	106407		
332	98.0	77.0	115.6	
141	34.2	29.9	44.9	





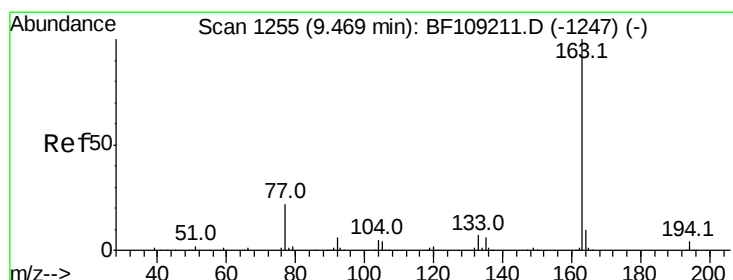
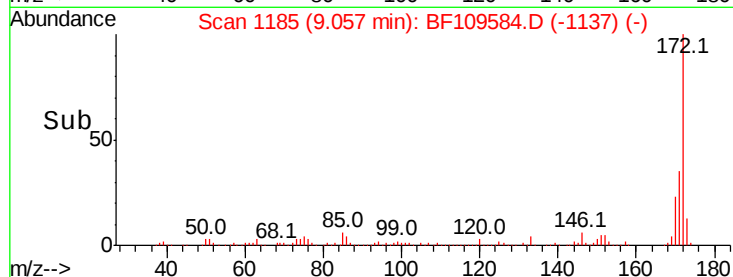
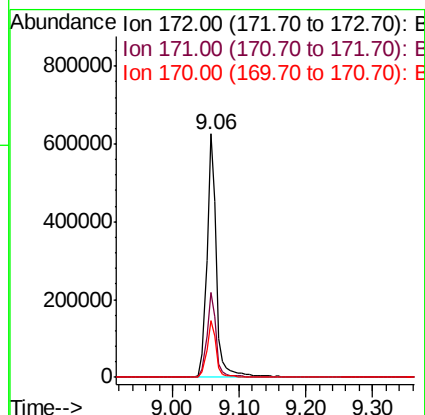
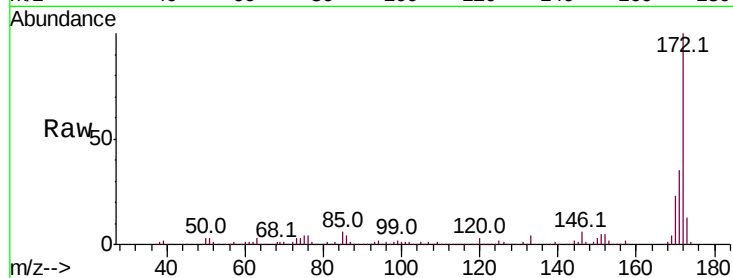
#44
2-Fluorobiphenyl
Concen: 48.524 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF109584.D
Acq: 4 Oct 2018 14:11

Instrument :
BNA_F
ClientSampleId :
MT-T-5-8

Tot Ion	Ratio	Resp	Lower	Upper
172	100	607287		
171	34.7		29.7	44.5
170	23.1		19.6	29.4

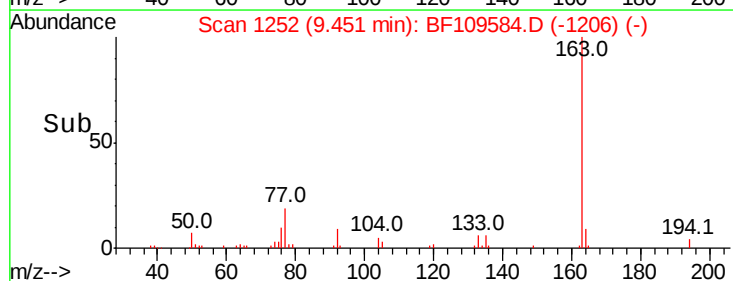
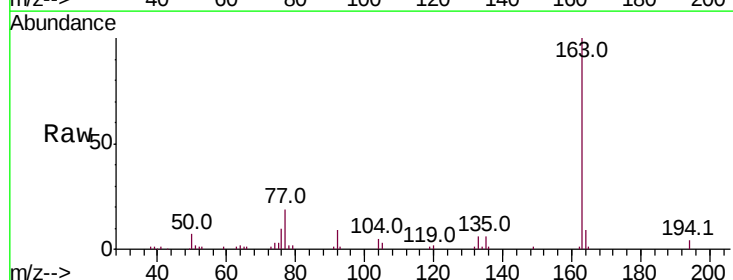
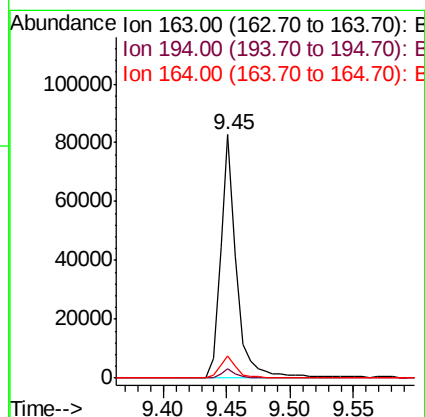
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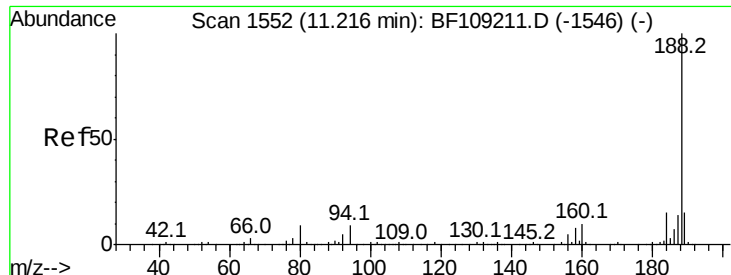
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#49
Dimethylphthalate
Concen: 5.337 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109584.D
Acq: 4 Oct 2018 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	73270		
194	3.7		2.7	4.1
164	9.0		8.2	12.2





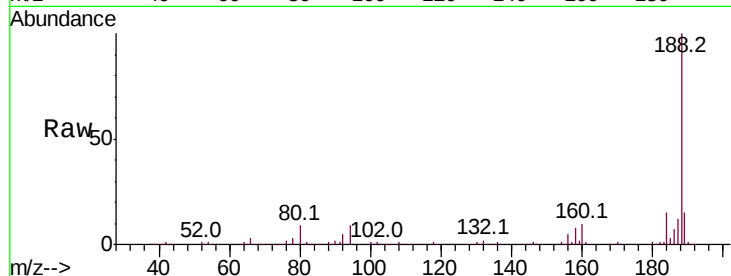
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109584.D
Acq: 4 Oct 2018 14:11

Instrument :
BNA_F
ClientSampleId :
MT-T-5-8

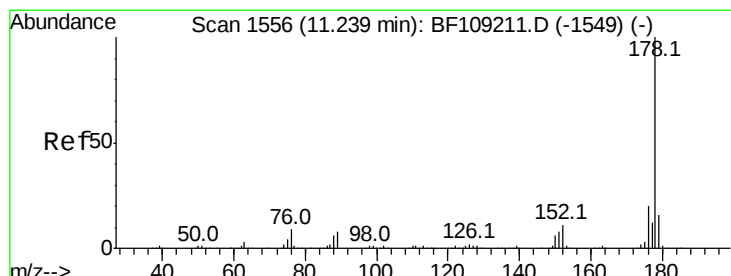
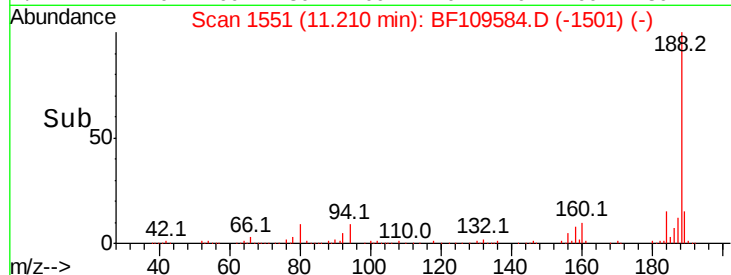
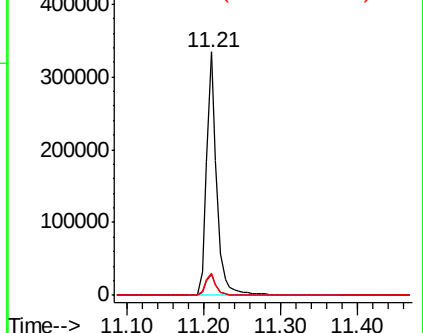
Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.7	8.5	12.7
80	8.9	9.2	13.8

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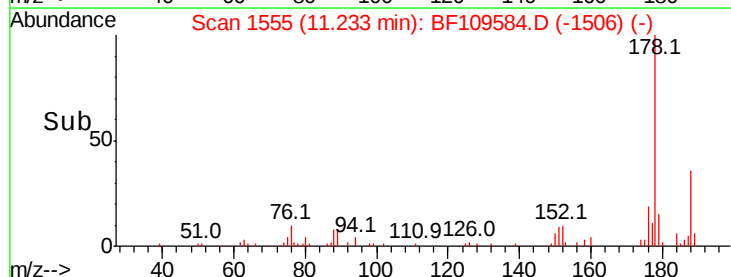
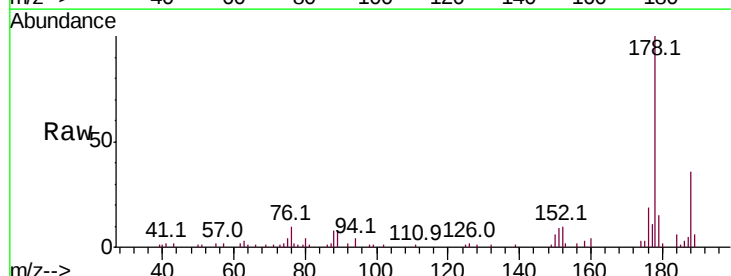
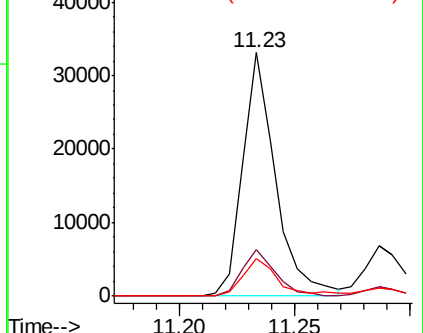
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

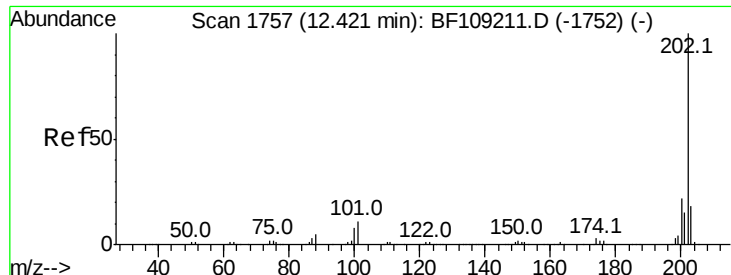


#70
Phenanthrene
Concen: 2.161 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF109584.D
Acq: 4 Oct 2018 14:11

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.3	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





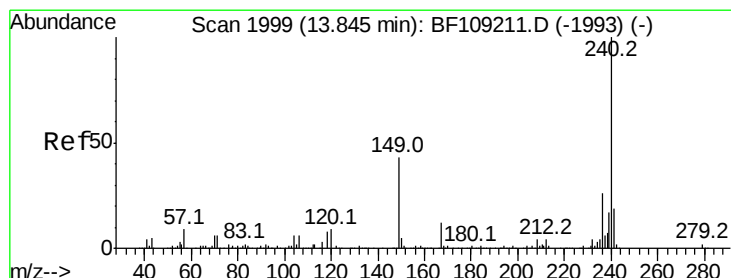
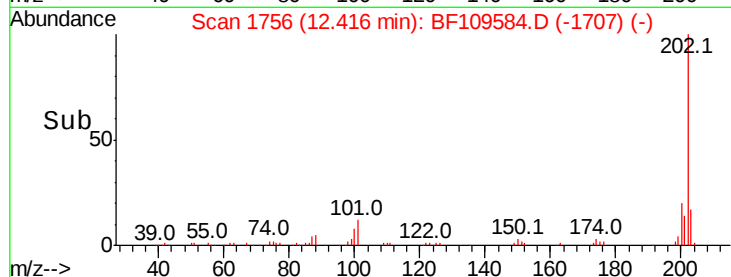
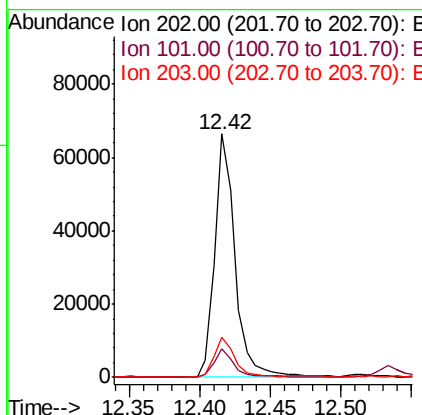
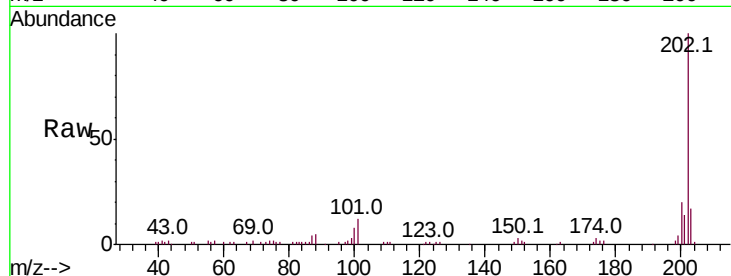
#74
Fluoranthene
 Concen: 4.089 ng
 RT: 12.42 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BF109584.D
 Acq: 4 Oct 2018 14:11

Instrument :
 BNA_F
 ClientSampleId :
 MT-T-5-8

Tot Ion:	202	Resp:	66817
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	34.1
203	16.7	0.0	38.1

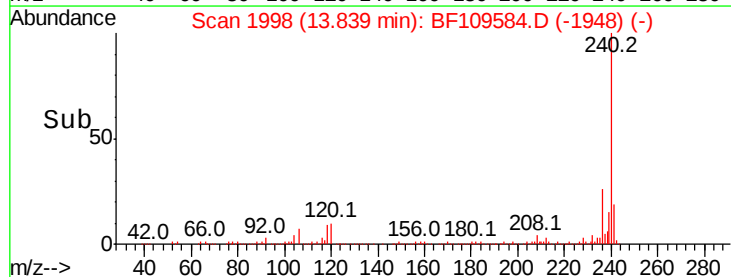
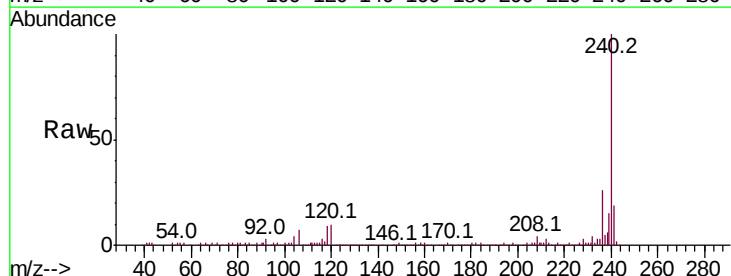
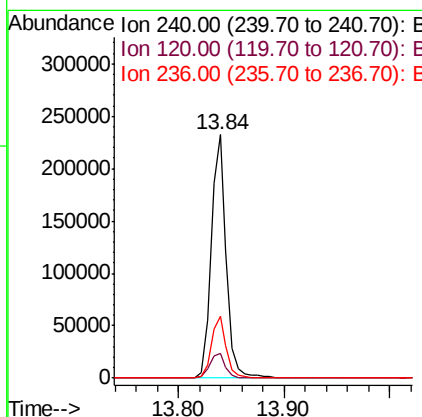
Manual Integrations
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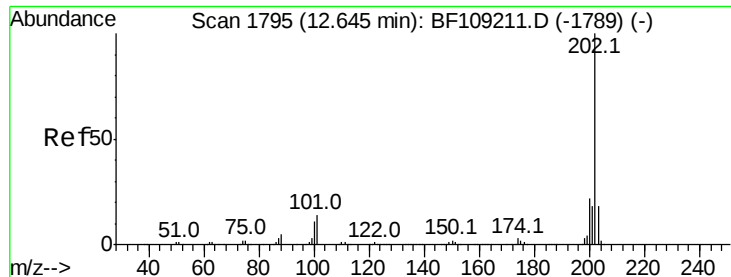
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#75
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF109584.D
 Acq: 4 Oct 2018 14:11

Tgt Ion:	240	Resp:	231321
Ion Ratio	Lower	Upper	
240	100		
120	10.1	9.5	14.3
236	25.6	20.7	31.1





#77

Pvrene

Concen: 3.392 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF109584.D

Acq: 4 Oct 2018 14:11

Instrument :

BNA_F

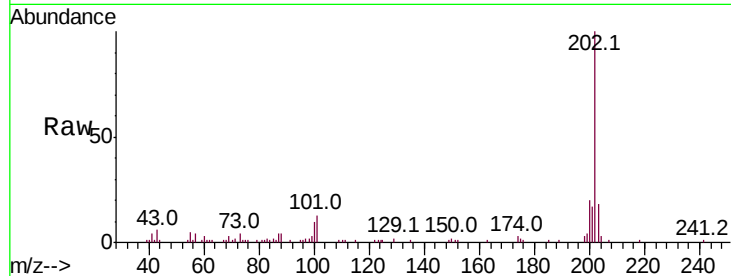
ClientSampleId :

MT-T-5-8

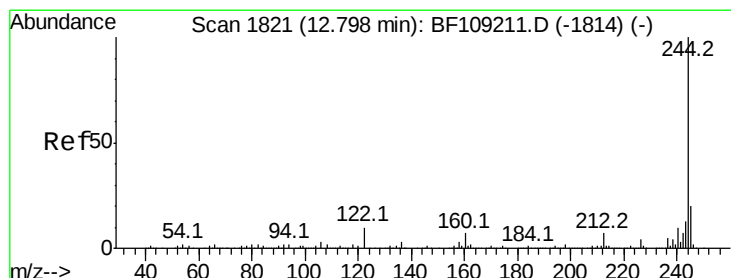
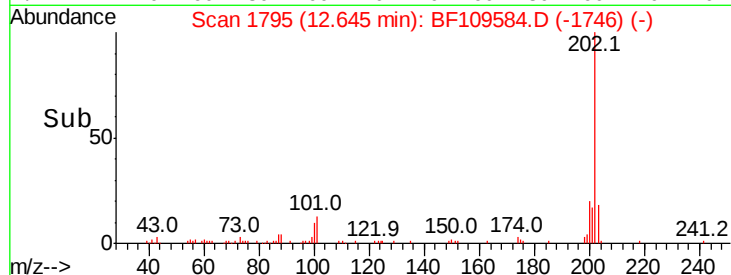
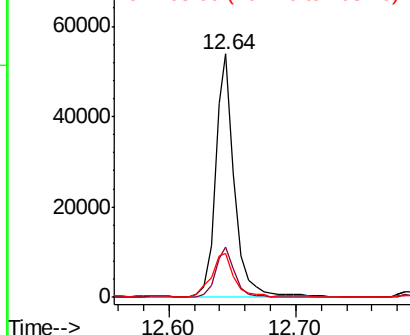
Tot Ion:	202	Resp:	56230
Ion Ratio	Lower	Upper	
202	100		
200	20.4	17.4	26.2
203	18.1	14.3	21.5

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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: 35.468 ng

RT: 12.79 min Scan# 1819

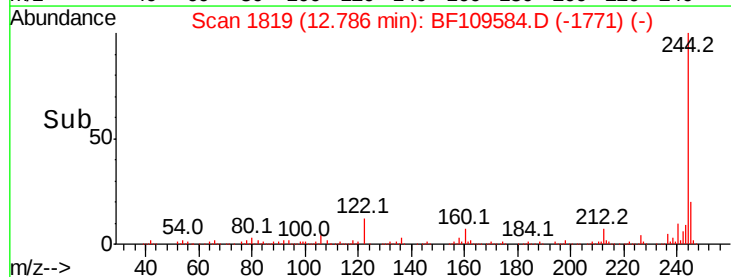
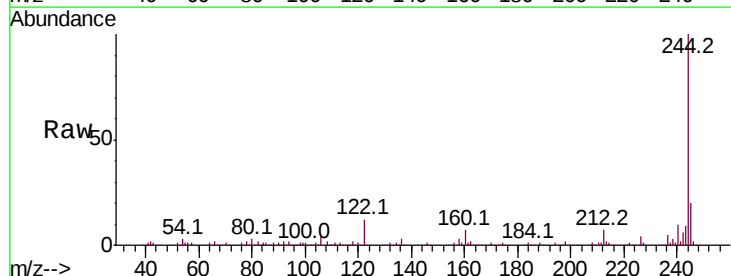
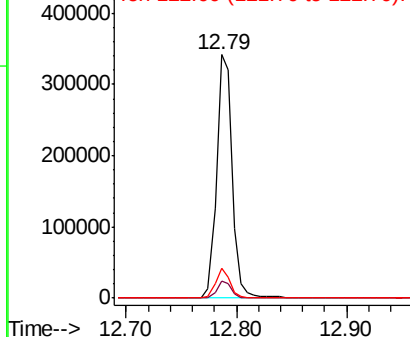
Delta R.T. -0.02 min

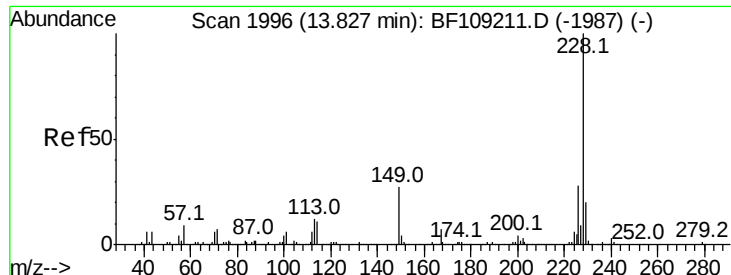
Lab File: BF109584.D

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Tgt Ion:	244	Resp:	334305
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.4	8.0
122	12.1	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





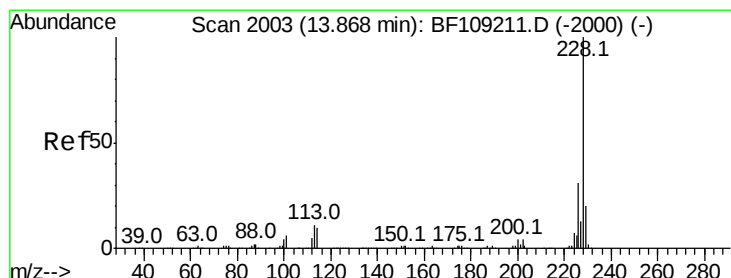
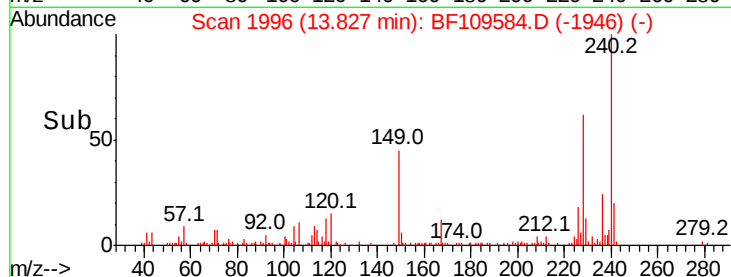
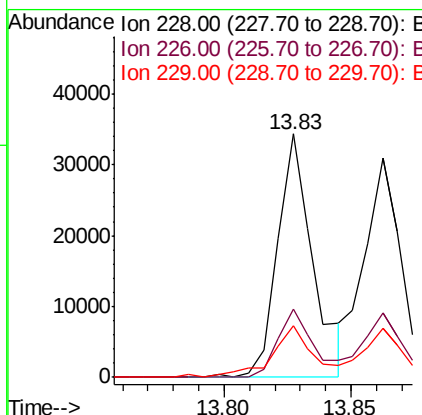
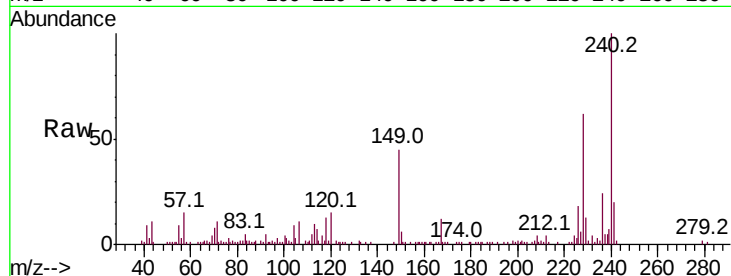
#80
Benzo(a)anthracene
Concen: 2.398 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109584.D
Acq: 4 Oct 2018 14:11

Instrument :
BNA_F
ClientSampleId :
MT-T-5-8

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	21.3	15.8	23.6

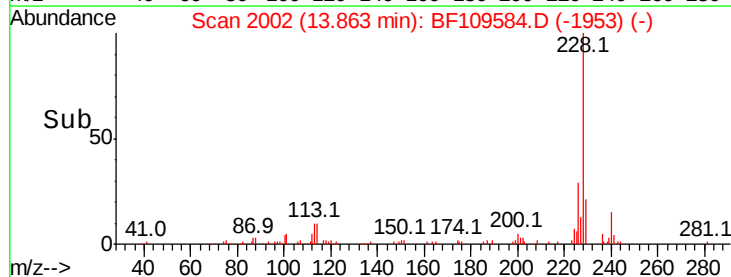
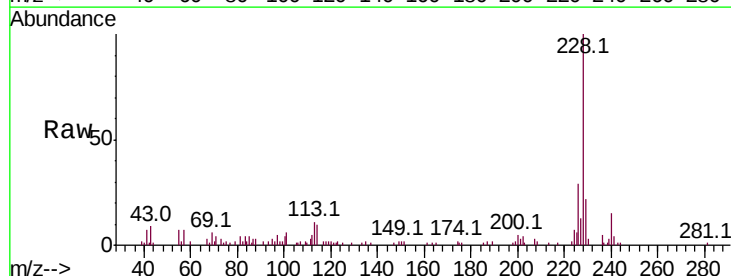
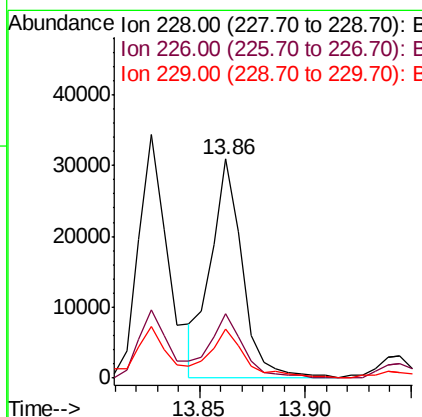
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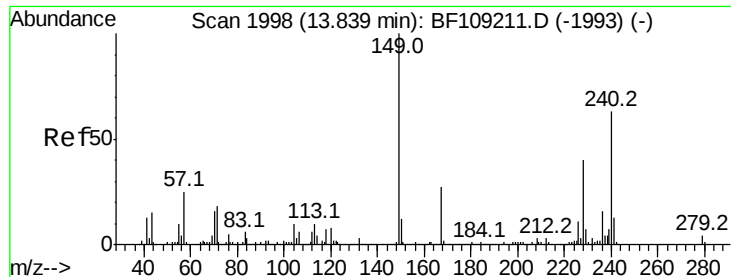
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#82
Chrysene
Concen: 2.339 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF109584.D
Acq: 4 Oct 2018 14:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	25.0	37.6
229	22.4	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.483 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109584.D

Acq: 4 Oct 2018 14:11

Instrument :

BNA_F

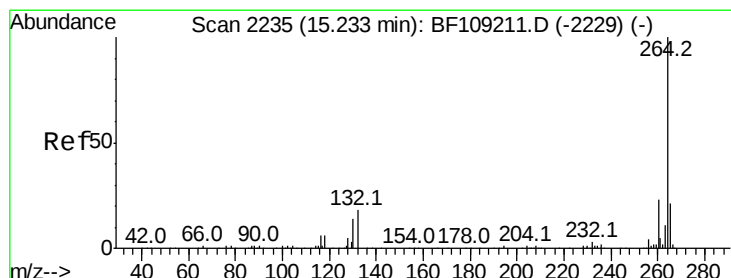
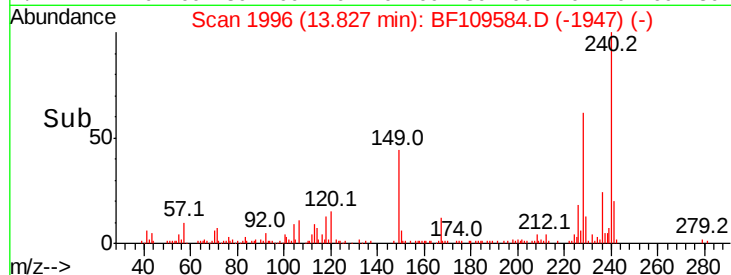
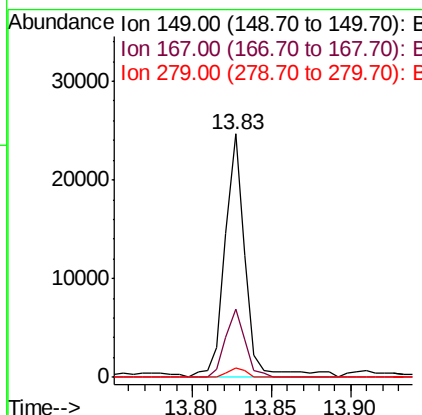
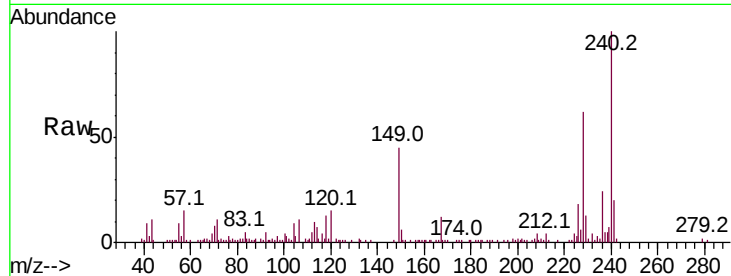
ClientSampleId :

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Tot Ion:	149	Resp:	22084
Ion Ratio	Lower	Upper	
149	100		
167	27.9	21.3	31.9
279	4.1	3.0	4.4

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#86

Perylene-d12

Concen: 20.000 ng

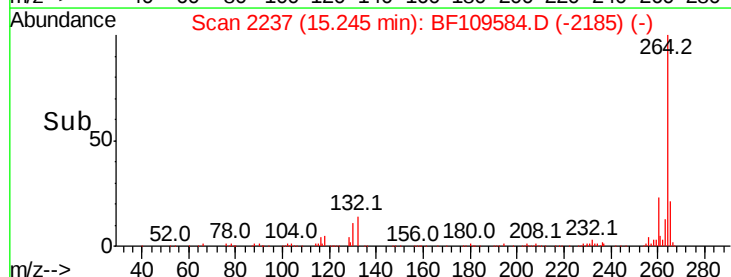
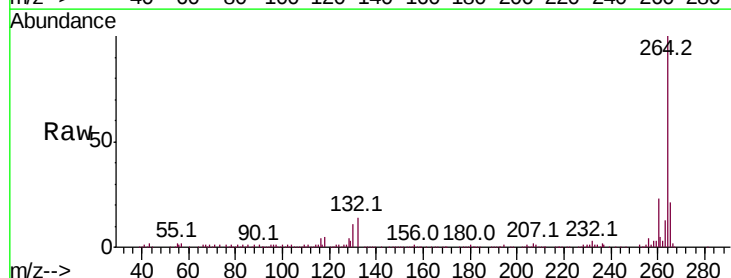
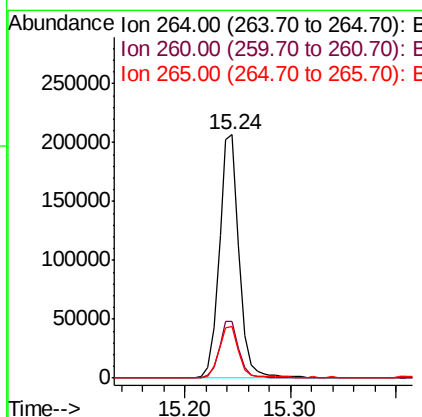
RT: 15.24 min Scan# 2237

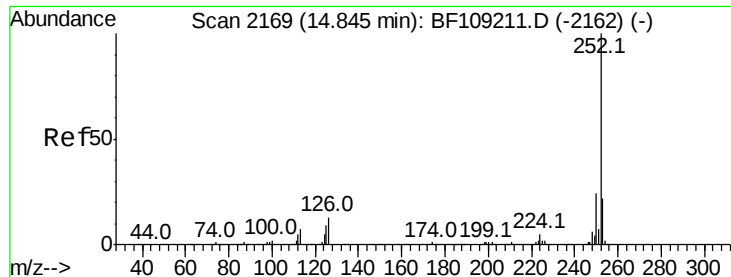
Delta R.T. 0.01 min

Lab File: BF109584.D

Acq: 4 Oct 2018 14:11

Tgt Ion:	264	Resp:	269782
Ion Ratio	Lower	Upper	
264	100		
260	23.3	19.2	28.8
265	21.2	17.5	26.3





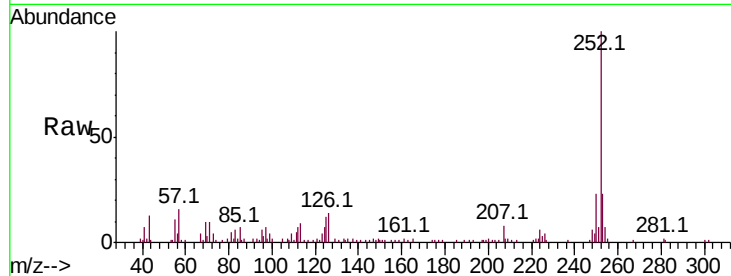
#87
Benzo(b)fluoranthene
Concen: 3.555 ng m
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF109584.D
Acq: 4 Oct 2018 14:11

Instrument :
BNA_F
ClientSampled :
MT-T-5-8

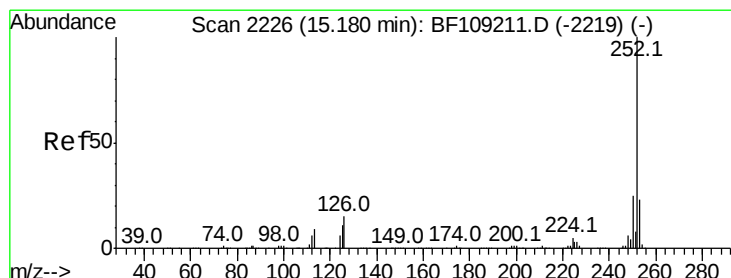
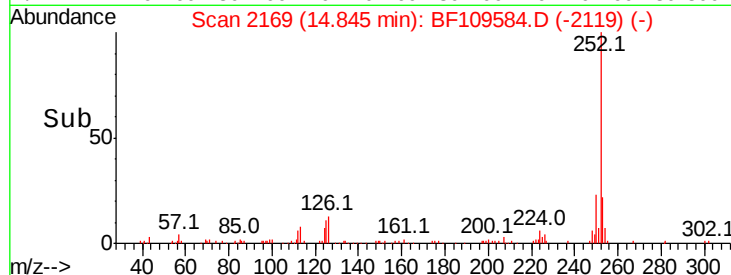
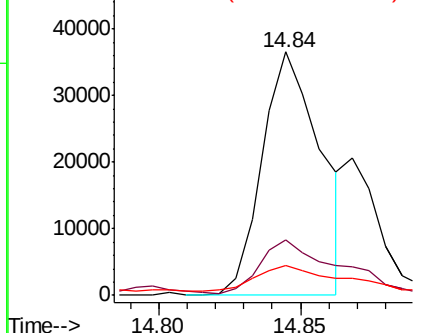
Tot Ion:252	Resp:	52707
Ion Ratio	Lower	Upper
252 100		
253 22.8	17.0	25.6
125 12.2	9.0	13.6

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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: 2.630 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF109584.D
Acq: 4 Oct 2018 14:11

Tgt Ion:252	Resp:	35129
Ion Ratio	Lower	Upper
252 100		
253 24.0	17.1	25.7
125 13.9	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

