

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
 Data File : BF103987.D
 Acq On : 27 Mar 2018 22:58
 Operator : JU/SJ
 Sample : J2071-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-DB

Manual Integrations
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Quant Time: Mar 28 06:43:28 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	147625	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	587196	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	252072	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	390757	20.00	ng	0.00
75) Chrysene-d12	14.16	240	267075	20.00	ng	-0.01
86) Perylene-d12	15.70	264	231486	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	778846	80.25	ng	0.02
7) Phenol-d6	6.60	99	975454	82.15	ng	0.00
23) Nitrobenzene-d5	7.53	82	591748	70.28	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	179103	82.64	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	913889	57.83	ng	0.00
78) Terphenyl-d14	13.09	244	626628	54.46	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.72	163	145404	7.561	ng	99
70) Phenanthrene	11.53	178	236447	11.062	ng	98
71) Anthracene	11.58	178	53502	2.464	ng	98
74) Fluoranthene	12.73	202	588837	26.739	ng	97
77) Pyrene	12.96	202	532471	27.148	ng	99
80) Benzo(a)anthracene	14.14	228	331929	19.634	ng	99
82) Chrysene	14.19	228	348972	21.654	ng	98
85) Indeno(1,2,3-cd)pyrene	17.28	276	152386	10.828	ng	# 91
87) Benzo(b)fluoranthene	15.24	252	460416m	31.482	ng	
88) Benzo(k)fluoranthene	15.27	252	110432m	7.855	ng	
89) Benzo(a)pyrene	15.63	252	252276	19.019	ng	97
90) Dibenzo(a,h)anthracene	17.29	278	43088m	3.751	ng	
91) Benzo(a,h,i)perylene	17.77	276	140393	12.564	ng	95

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

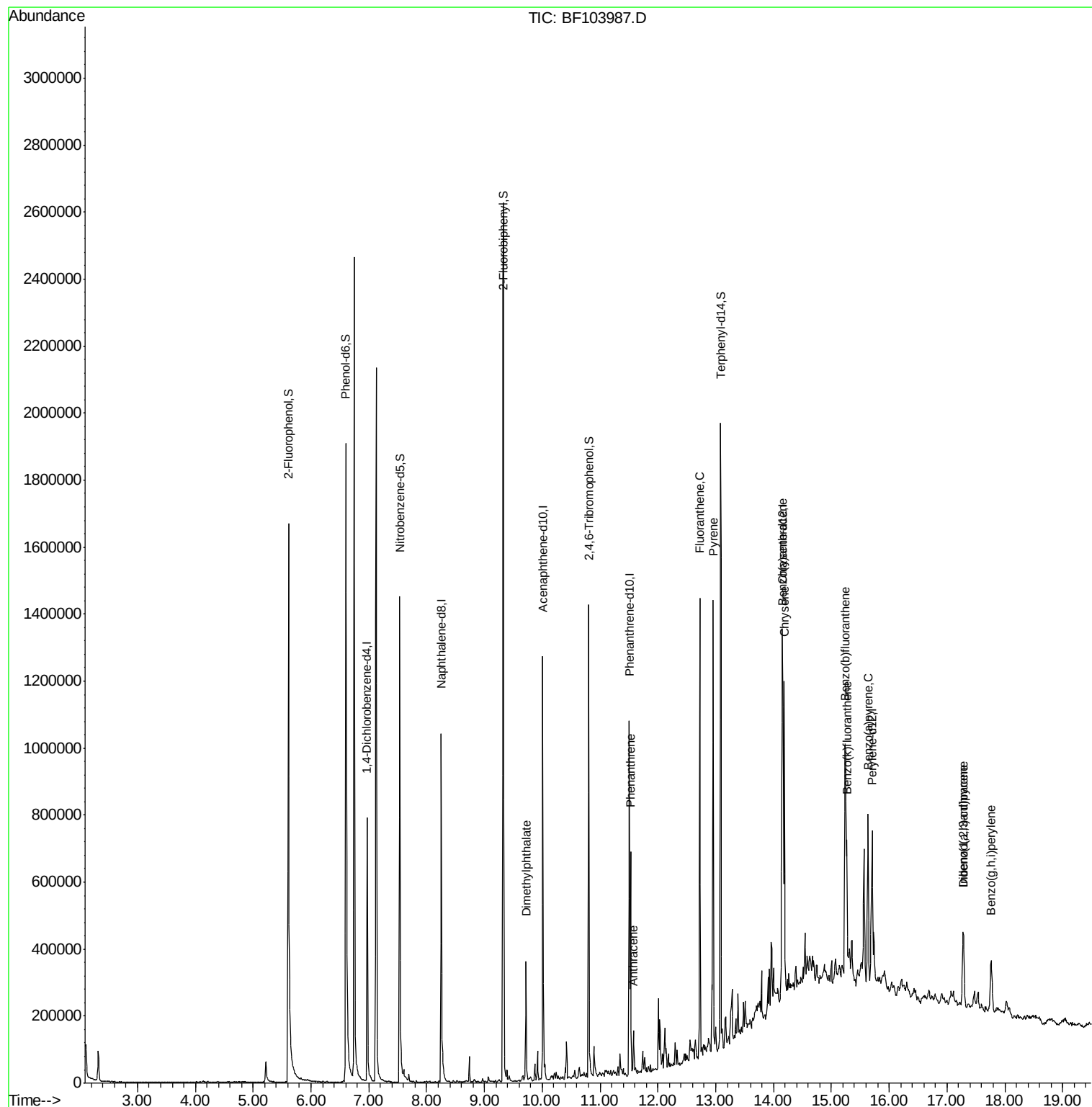
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
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ALS Vial : 19 Sample Multiplier: 1

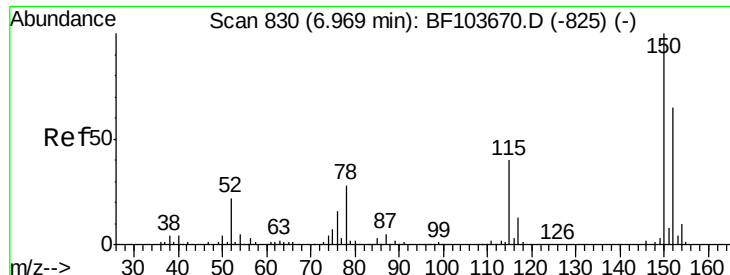
Instrument :
BNA_F
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#1

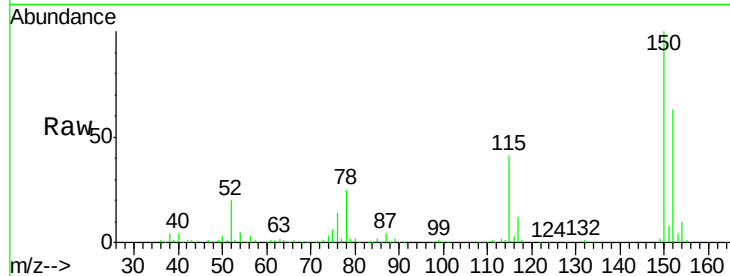
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF103987.D
Acq: 27 Mar 2018 22:58

Instrument :
BNA_F
ClientSampled :
TP-7-DB

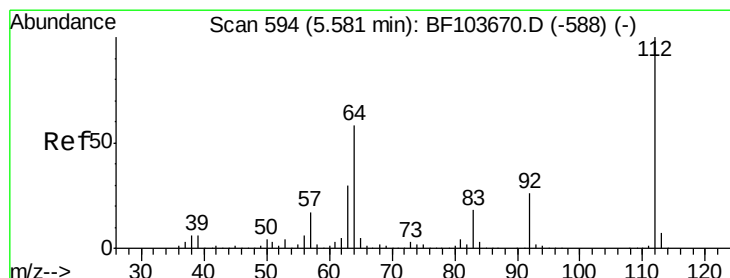
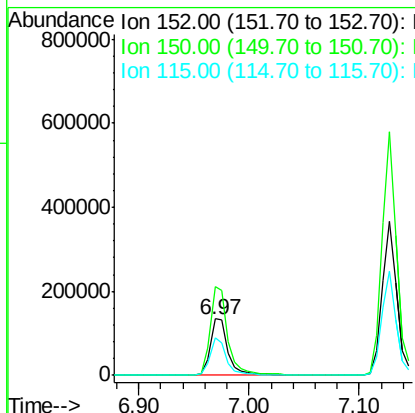
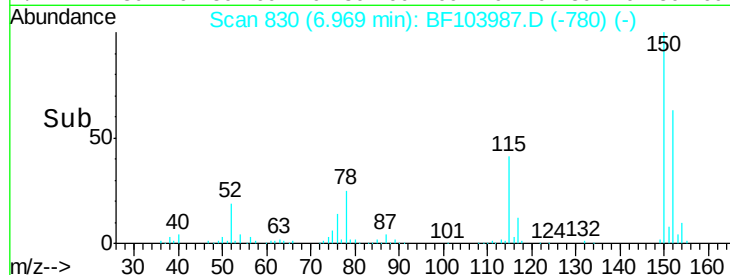
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.6	186.8
115	65.5	50.1	75.1

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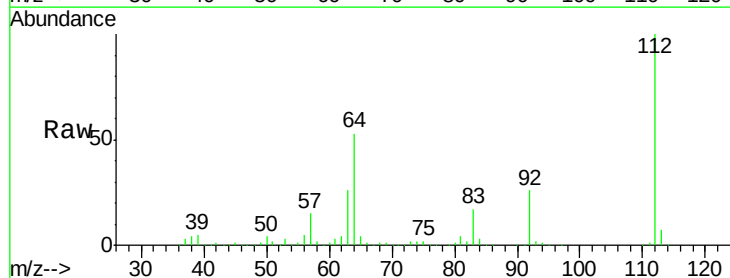
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



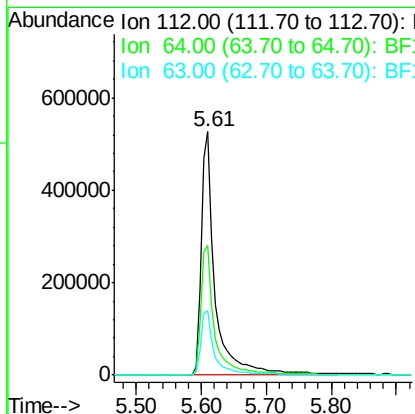
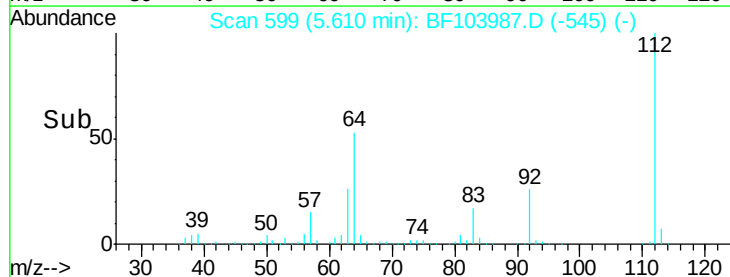
#5

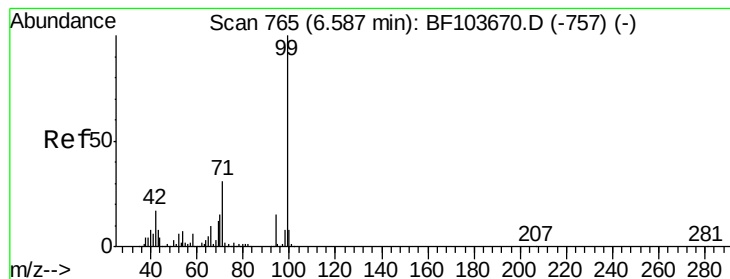
2-Fluorophenol
Concen: 80.245 ng
RT: 5.61 min Scan# 599
Delta R.T. 0.02 min
Lab File: BF103987.D
Acq: 27 Mar 2018 22:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.1	47.9	71.9
63	26.4	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: 82.148 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF103987.D

Acq: 27 Mar 2018 22:58

Instrument :

BNA_F

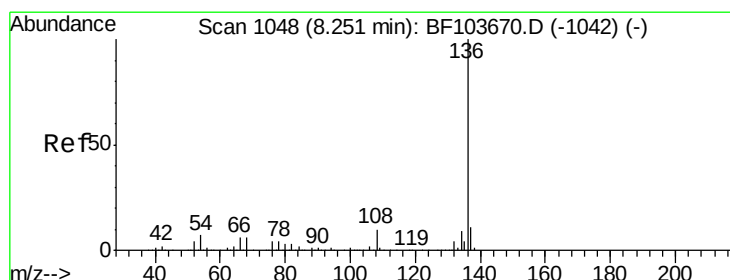
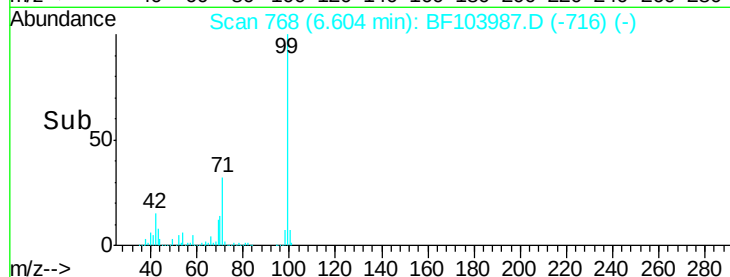
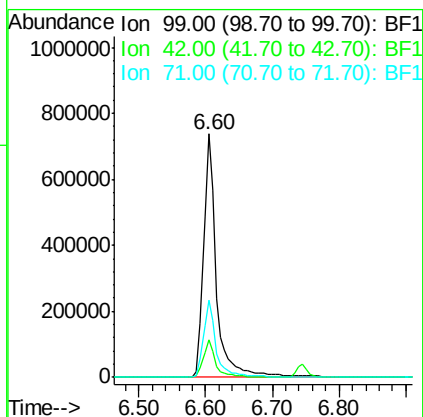
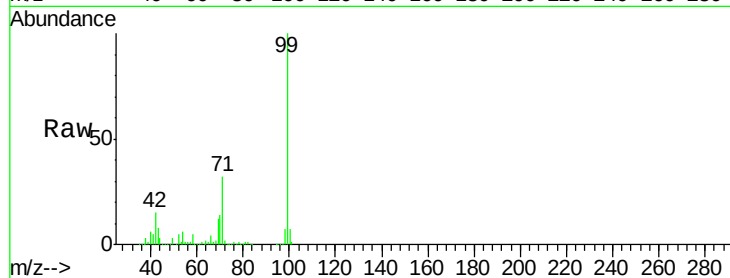
ClientSampled :

TP-7-DB

Tot Ion:	99	Resp:	975454
Ion	Ratio	Lower	Upper
99	100		
42	15.2	14.5	21.7
71	31.6	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

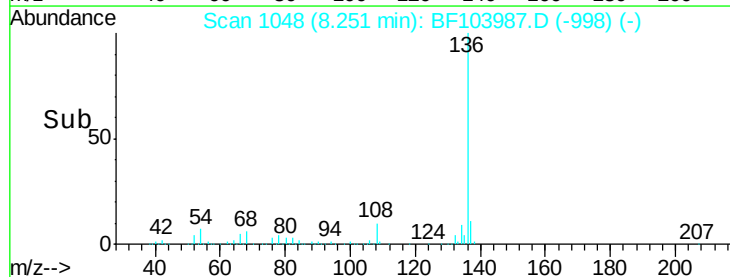
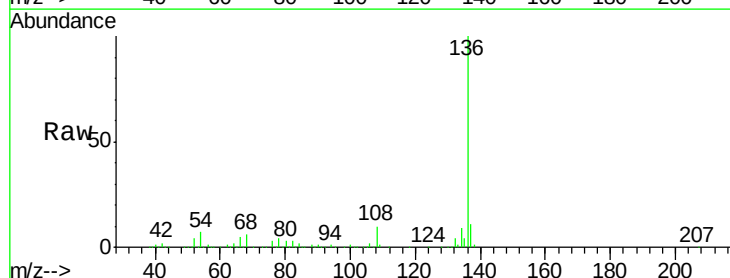
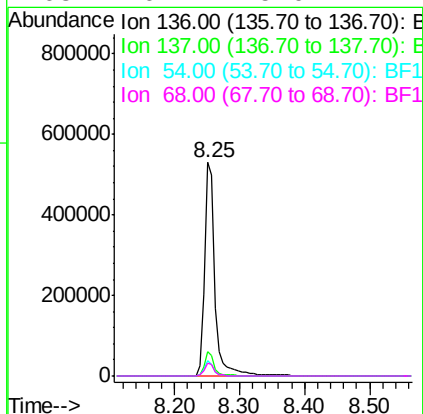
RT: 8.25 min Scan# 1048

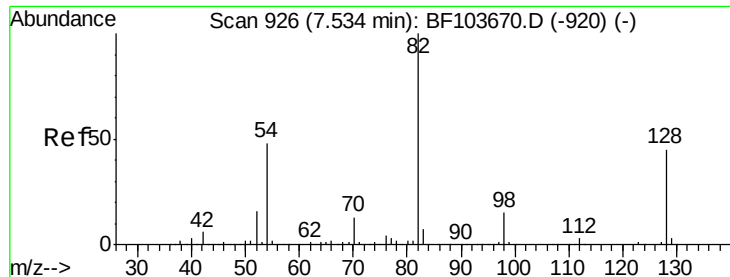
Delta R.T. -0.01 min

Lab File: BF103987.D

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Tgt Ion:	136	Resp:	587196
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.1	6.6	9.8
68	6.1	5.0	7.4





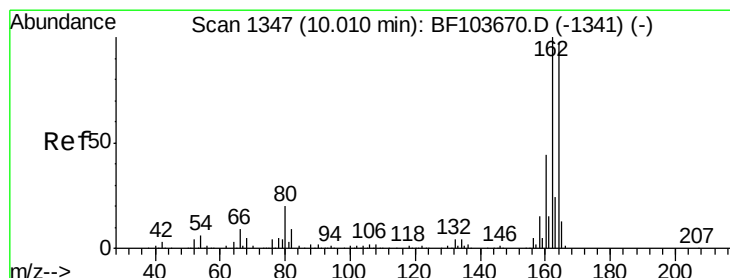
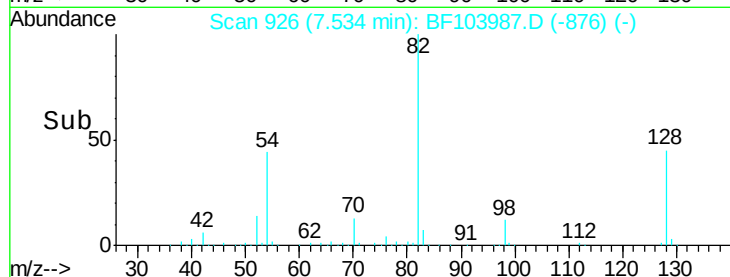
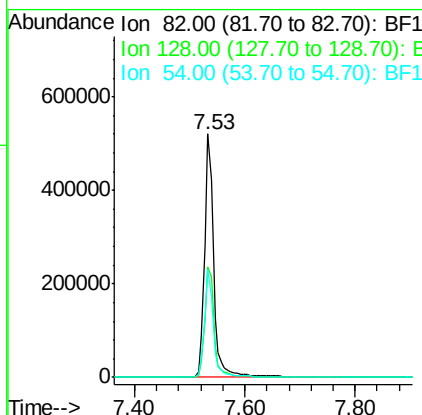
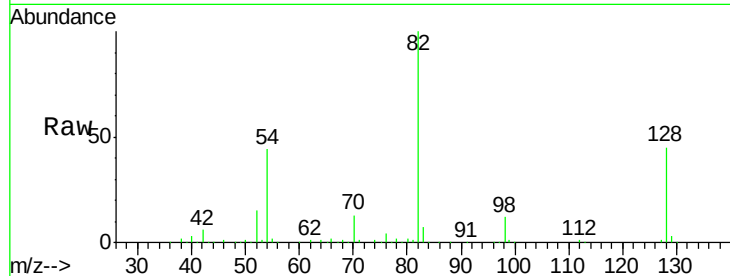
#23
Nitrobenzene-d5
Concen: 70.277 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF103987.D
Acq: 27 Mar 2018 22:58

Instrument :
BNA_F
ClientSampled :
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Tot Ion	82	Resp	591748
Ion Ratio	100	Lower	Upper
128	45.4	36.1	54.1
54	44.4	41.4	62.2

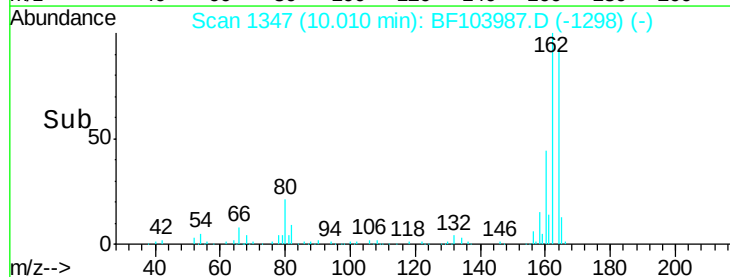
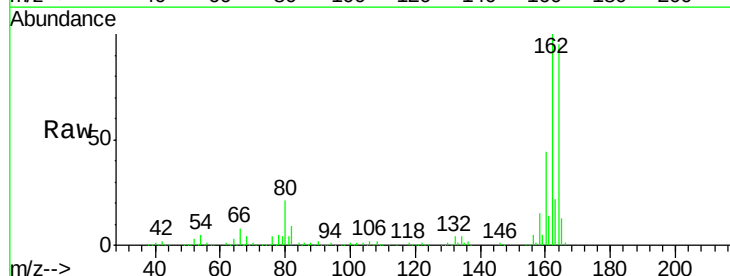
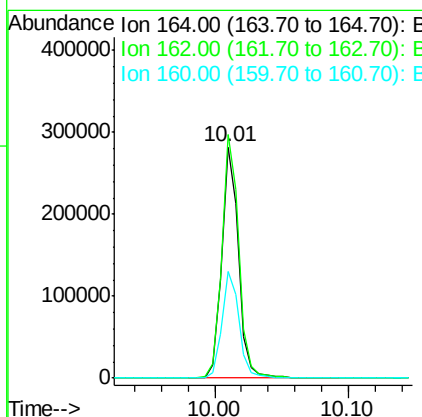
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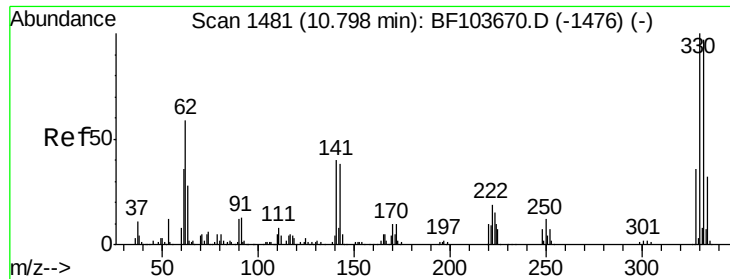
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF103987.D
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Tgt Ion	164	Resp	252072
Ion Ratio	100	Lower	Upper
162	105.2	86.1	129.1
160	46.2	38.3	57.5





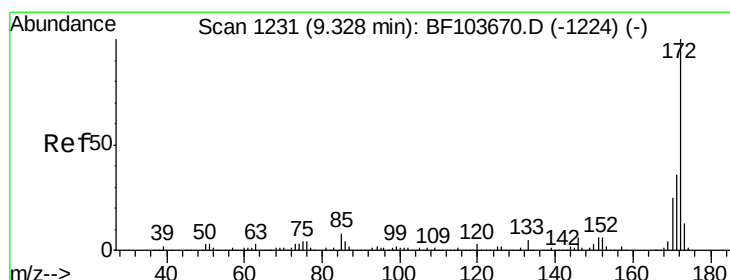
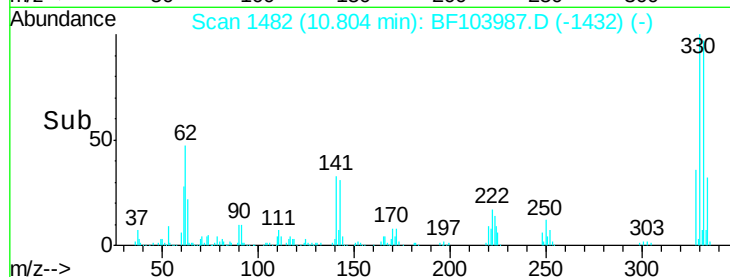
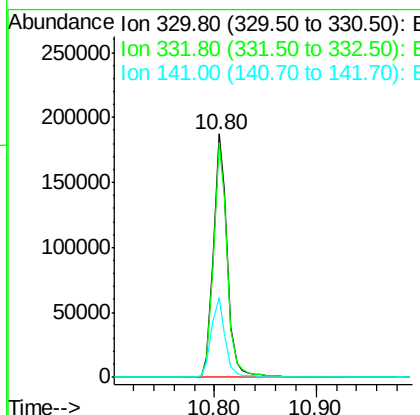
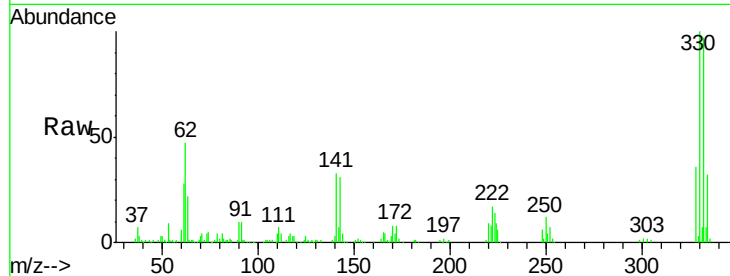
#41
 2,4,6-Tribromophenol
 Concen: 82.638 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF103987.D
 Acq: 27 Mar 2018 22:58

Instrument :
 BNA_F
 ClientSampled :
 TP-7-DB

Tot Ion	Ratio	Resp	Lower	Upper
330	100	179103		
332	96.0	77.0	115.6	
141	32.9	29.9	44.9	

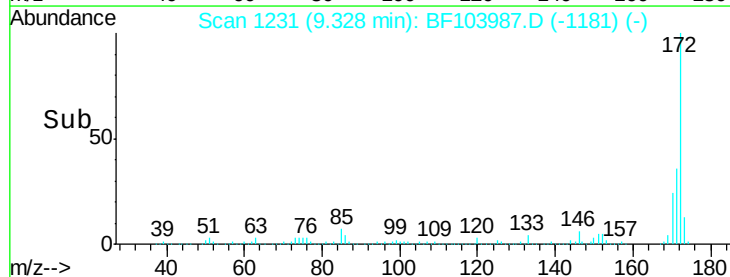
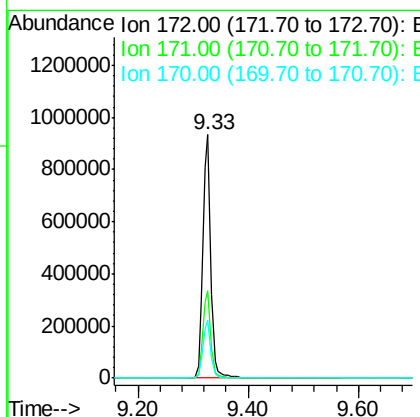
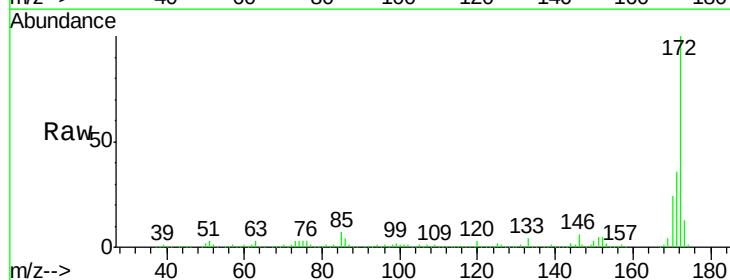
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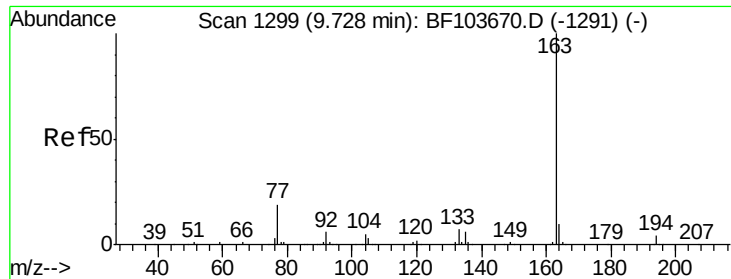
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#44
 2-Fluorobiphenyl
 Concen: 57.832 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103987.D
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Tgt Ion	Ratio	Resp	Lower	Upper
172	100	913889		
171	35.7	29.7	44.5	
170	23.7	19.6	29.4	





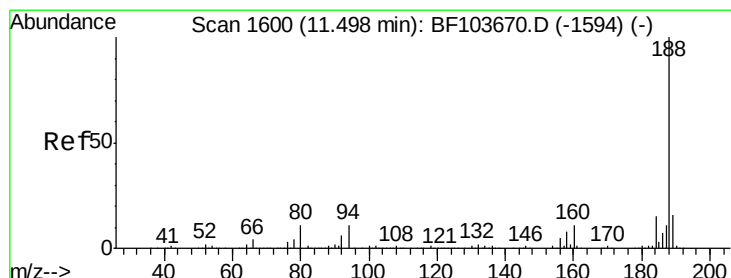
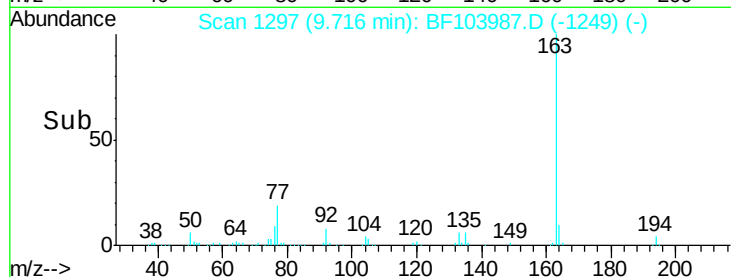
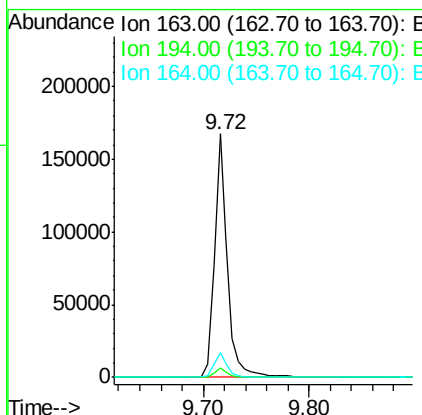
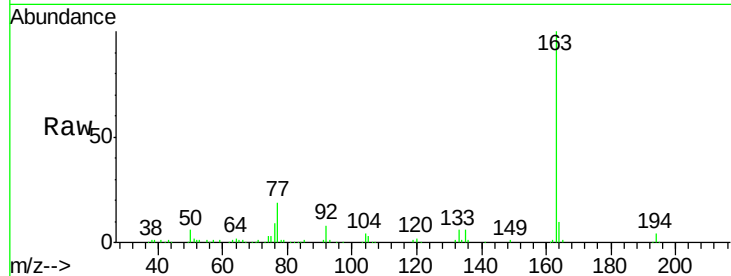
#49
Dimethylphthalate
Concen: 7.561 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF103987.D
Acq: 27 Mar 2018 22:58

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
163	100	145404		
194	3.7		2.7	4.1
164	10.0		8.2	12.2

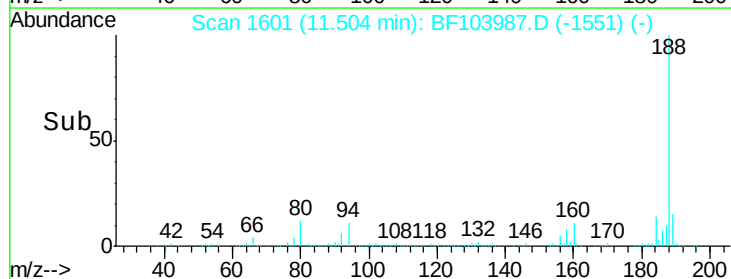
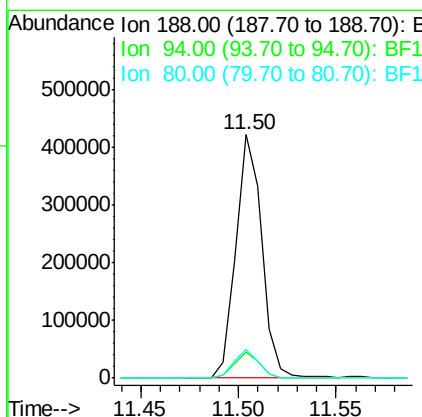
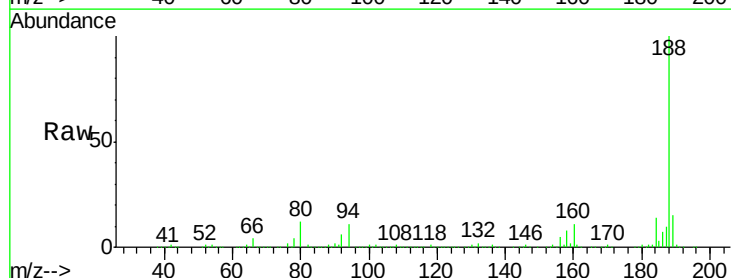
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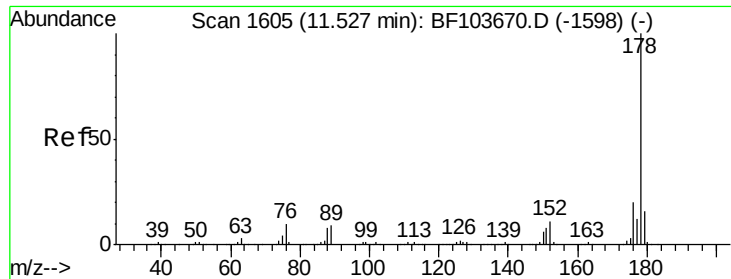
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF103987.D
Acq: 27 Mar 2018 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	390757		
94	10.7		8.5	12.7
80	11.8		9.2	13.8





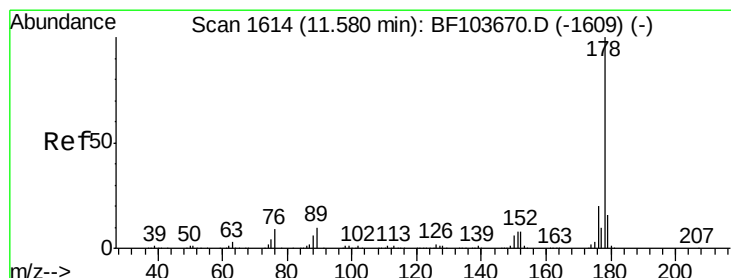
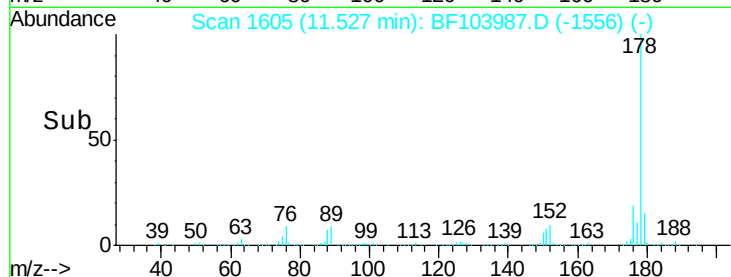
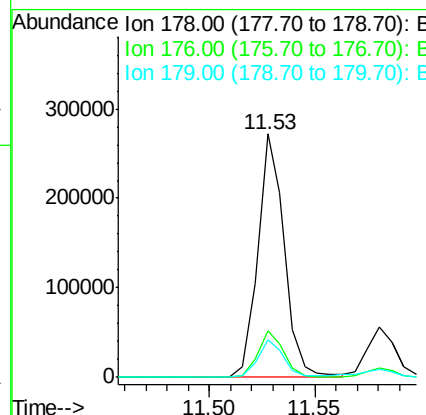
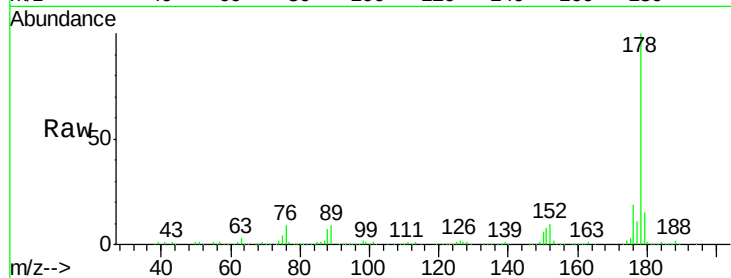
#70
Phenanthrene
Concen: 11.062 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BF103987.D
Acq: 27 Mar 2018 22:58

Instrument :
BNA_F
ClientSampled :
TP-7-DB

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.3	13.0	19.6

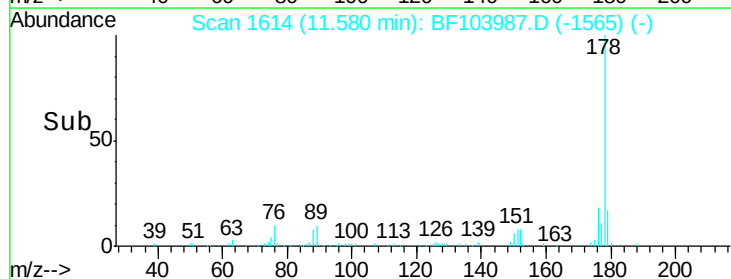
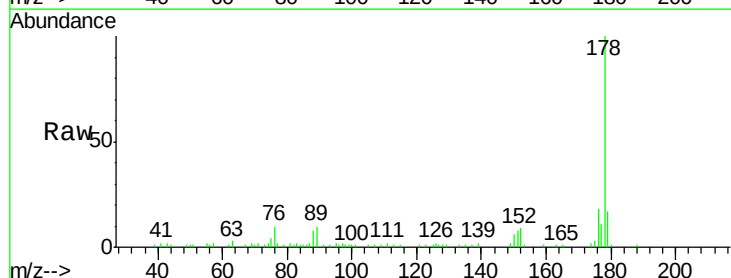
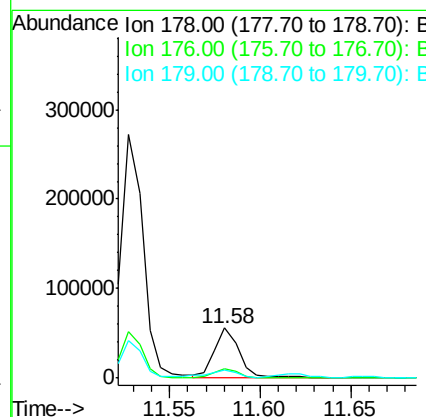
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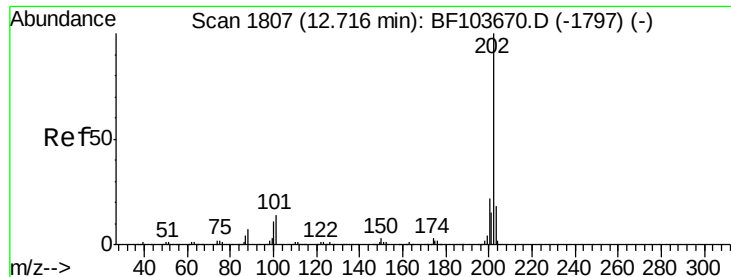
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#71
Anthracene
Concen: 2.464 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF103987.D
Acq: 27 Mar 2018 22:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.4	23.2
179	16.5	12.6	19.0





#74

Fluoranthene

Concen: 26.739 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF103987.D

Acq: 27 Mar 2018 22:58

Instrument :

BNA_F

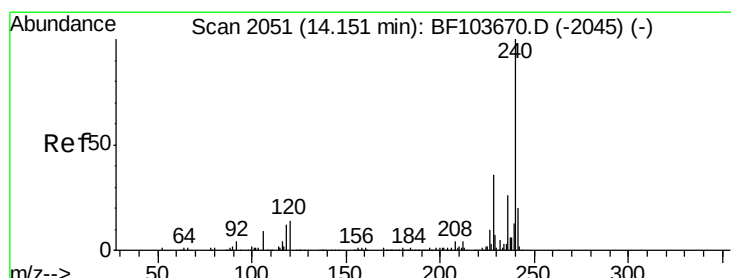
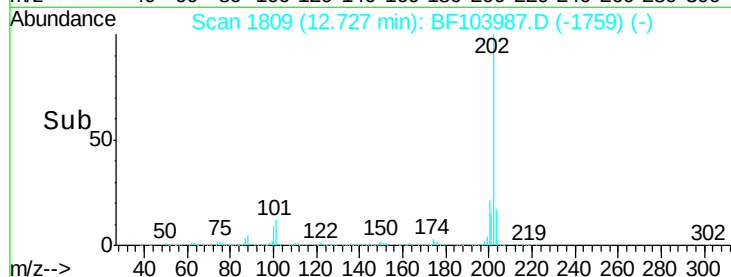
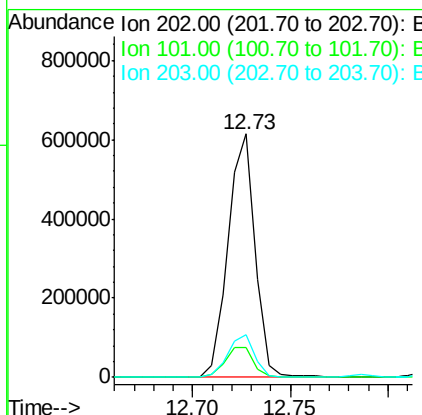
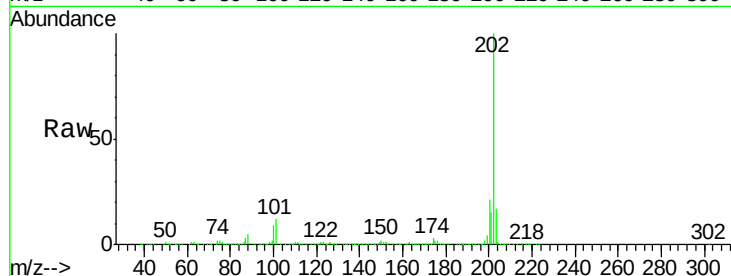
ClientSampleId :

TP-7-DB

Tot Ion:	202	Resp:	588837
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	34.1
203	17.4	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

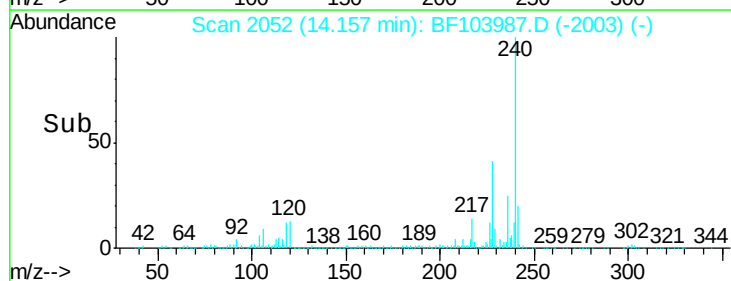
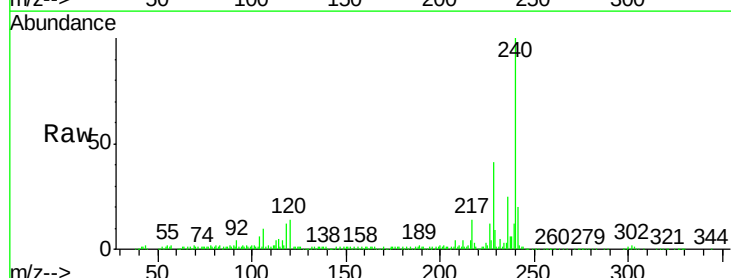
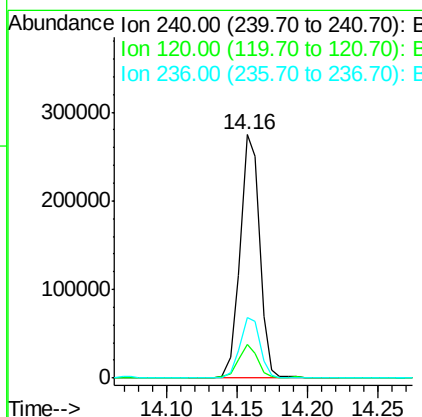
RT: 14.16 min Scan# 2052

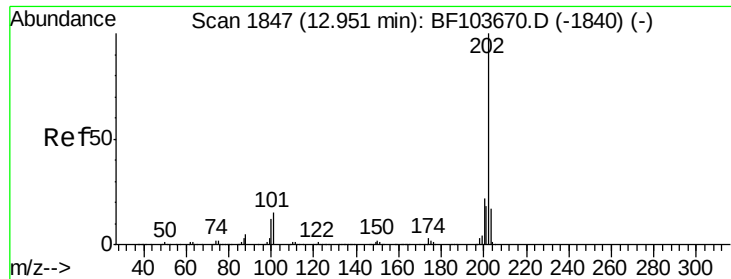
Delta R.T. -0.01 min

Lab File: BF103987.D

Acq: 27 Mar 2018 22:58

Tgt Ion:	240	Resp:	267075
Ion Ratio	Lower	Upper	
240	100		
120	13.6	9.5	14.3
236	25.1	20.7	31.1





#77

Pvrene

Concen: 27.148 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF103987.D

Acq: 27 Mar 2018 22:58

Instrument :

BNA_F

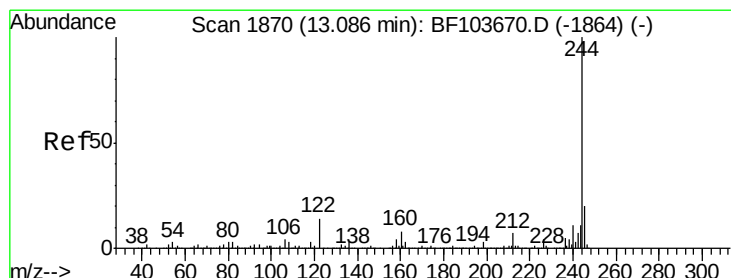
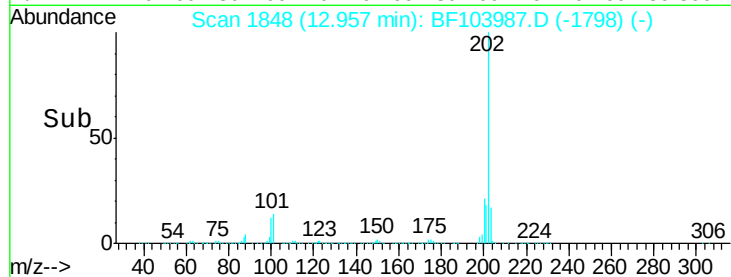
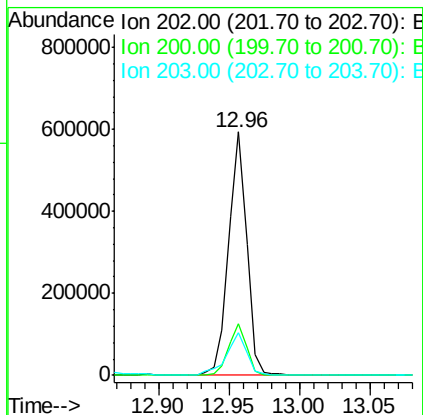
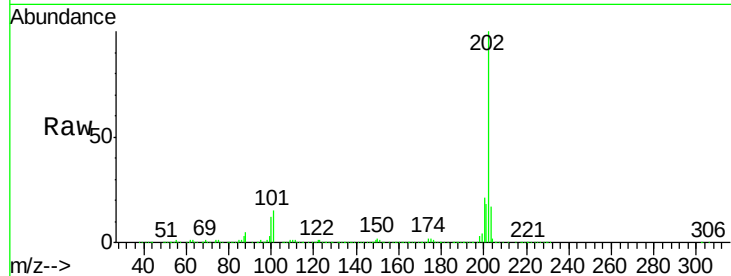
ClientSampled :

TP-7-DB

Tot Ion:	202	Resp:	532471
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.4	26.2
203	17.3	14.3	21.5

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#78

Terphenyl-d14

Concen: 54.460 ng

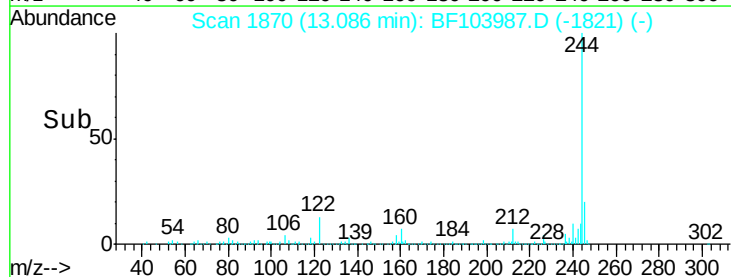
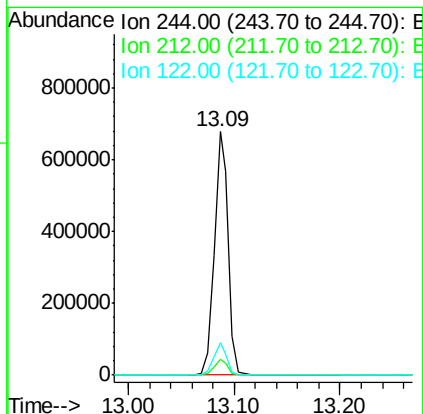
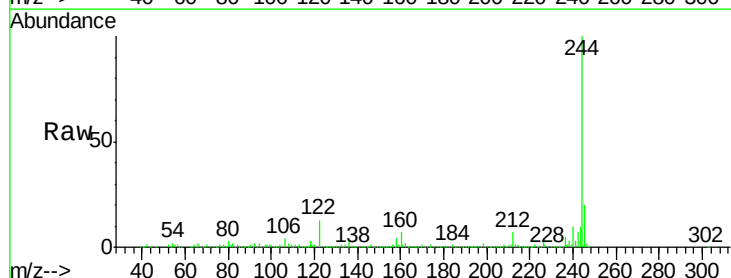
RT: 13.09 min Scan# 1870

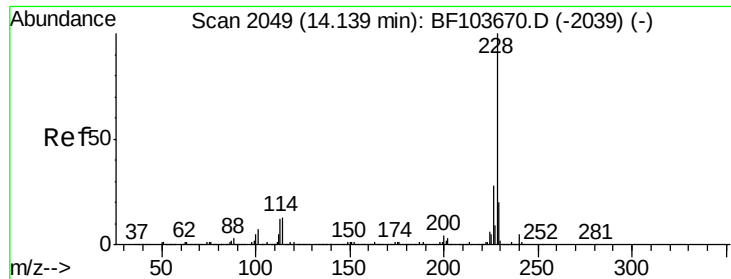
Delta R.T. -0.01 min

Lab File: BF103987.D

Acq: 27 Mar 2018 22:58

Tgt Ion:	244	Resp:	626628
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.4	8.0
122	13.3	11.0	16.4





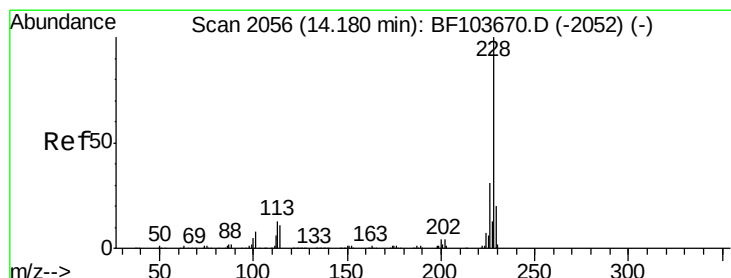
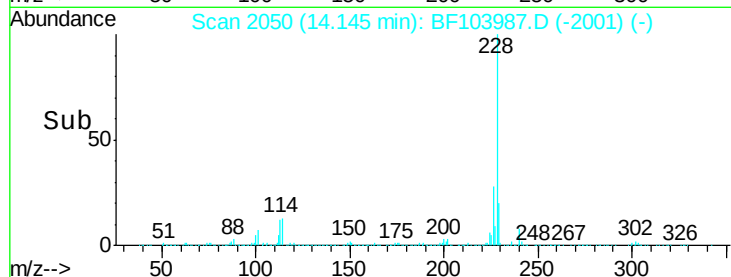
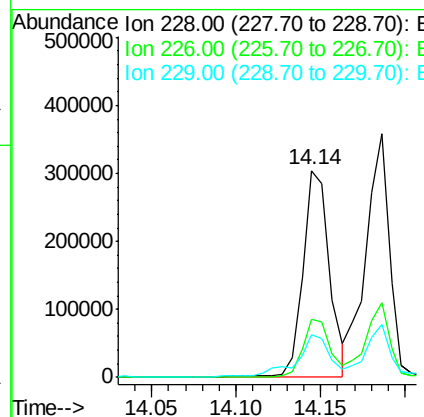
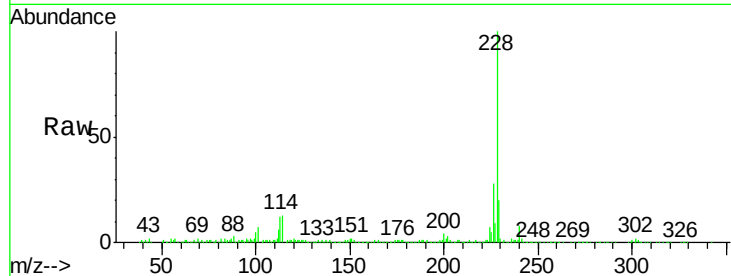
#80
Benzo(a)anthracene
Concen: 19.634 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF103987.D
Acq: 27 Mar 2018 22:58

Instrument :
BNA_F
ClientSampleId :
TP-7-DB

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.4	15.8	23.6

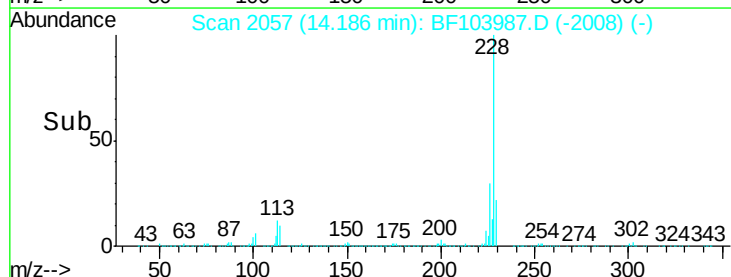
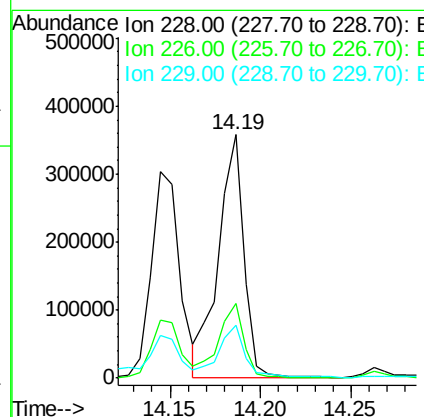
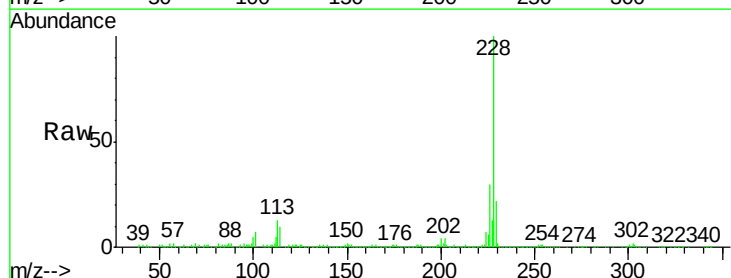
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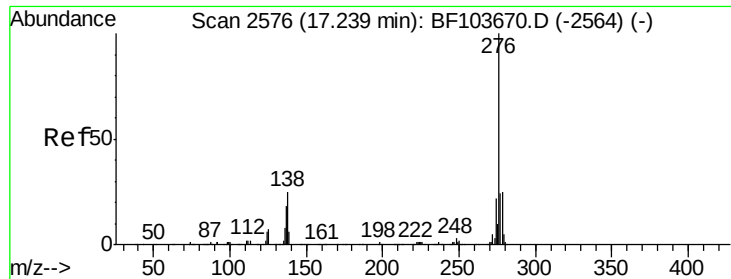
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#82
Chrysene
Concen: 21.654 ng
RT: 14.19 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BF103987.D
Acq: 27 Mar 2018 22:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	21.9	16.2	24.4





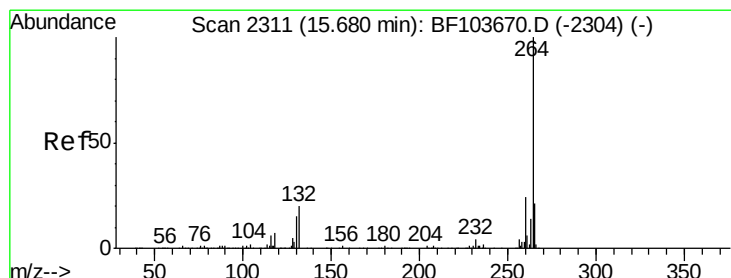
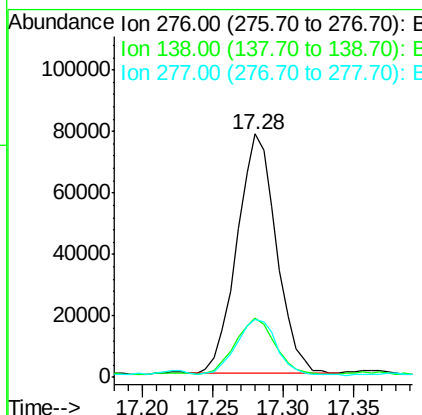
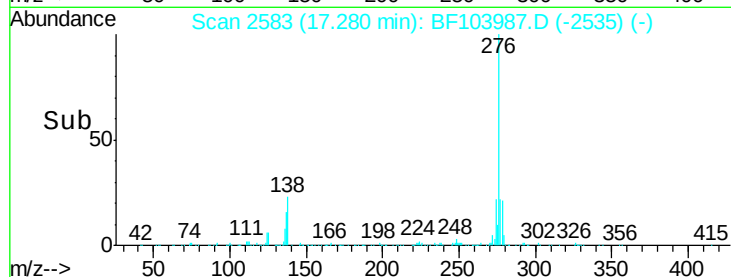
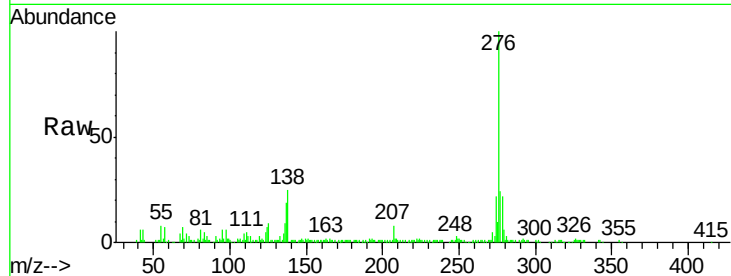
#85
Indeno(1,2,3-cd)pyrene
Concen: 10.828 ng
RT: 17.28 min Scan# 2583
Delta R.T. -0.02 min
Lab File: BF103987.D
Acq: 27 Mar 2018 22:58

Instrument :
BNA_F
ClientSampled :
TP-7-DB

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.7	25.0	37.6#
277	23.9	20.1	30.1

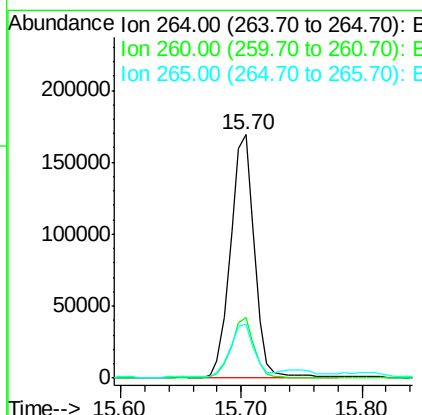
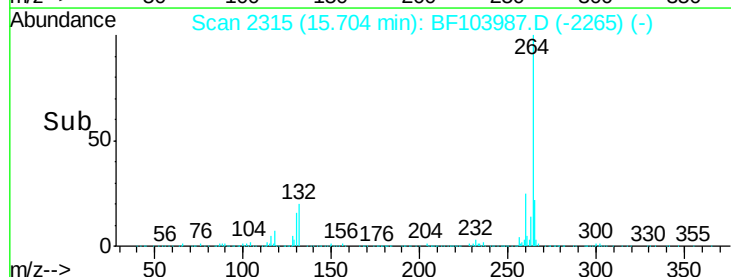
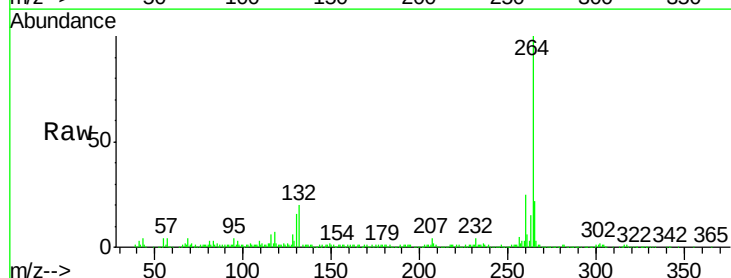
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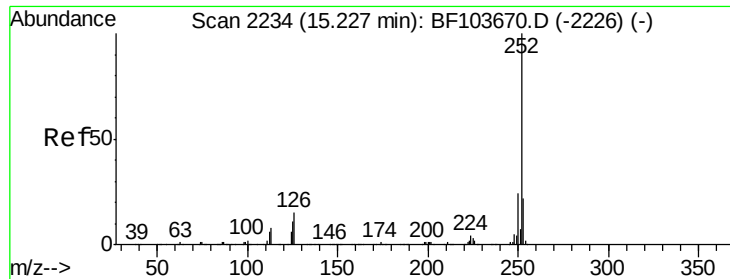
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BF103987.D
Acq: 27 Mar 2018 22:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.1	17.5	26.3





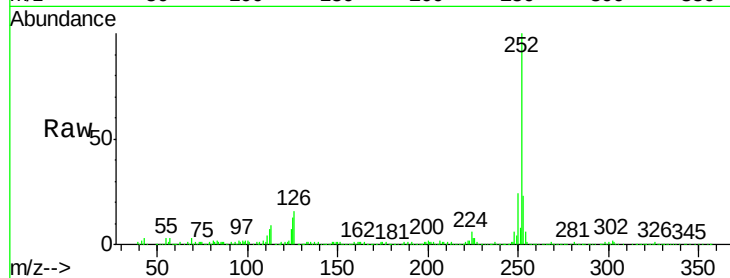
#87
Benzo(b)fluoranthene
Concen: 31.482 ng m
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF103987.D
Acq: 27 Mar 2018 22:58

Instrument :
BNA_F
ClientSampleId :
TP-7-DB

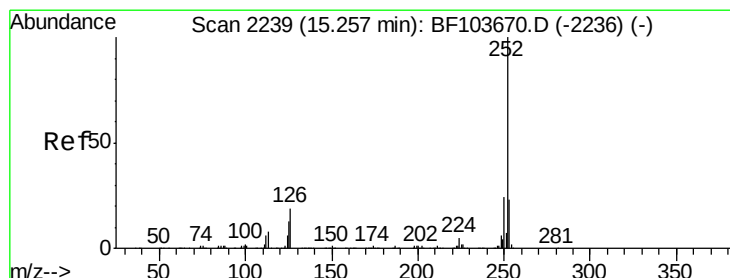
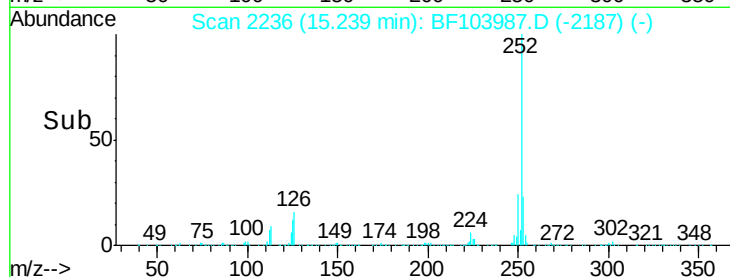
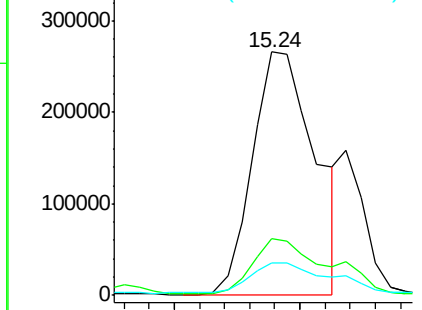
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.6
125	13.3	9.0	13.6

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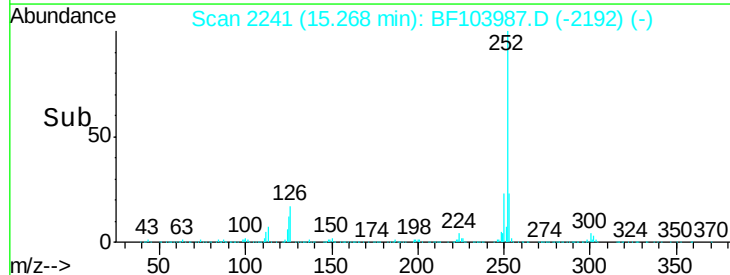
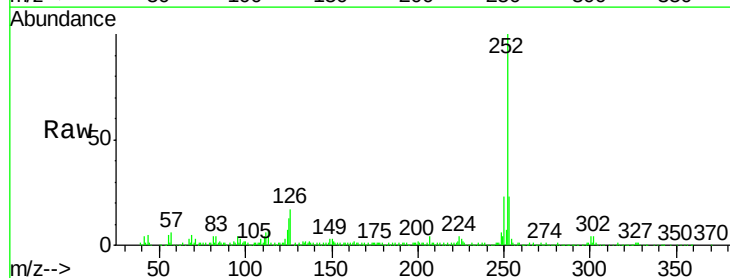
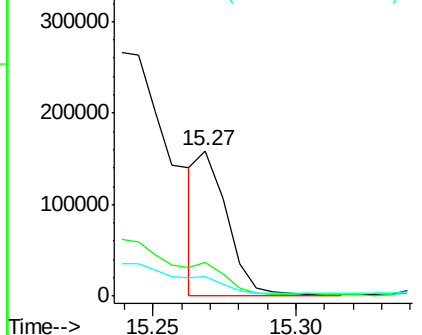
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

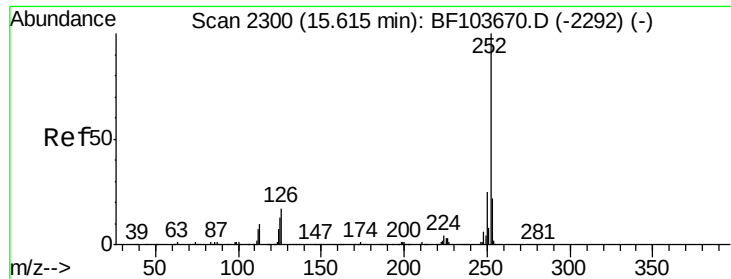


#88
Benzo(k)fluoranthene
Concen: 7.855 ng m
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF103987.D
Acq: 27 Mar 2018 22:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	13.1	10.2	15.2

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: 19.019 ng

RT: 15.63 min Scan# 2303

Delta R.T. -0.01 min

Lab File: BF103987.D

Acq: 27 Mar 2018 22:58

Instrument :

BNA_F

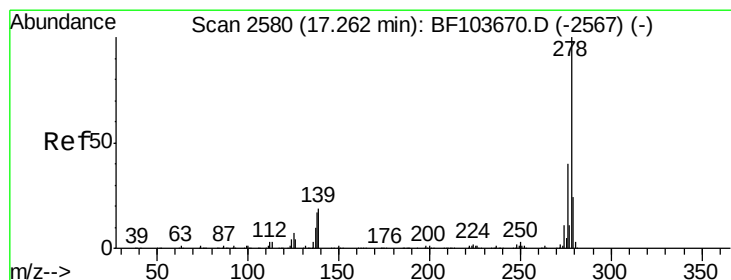
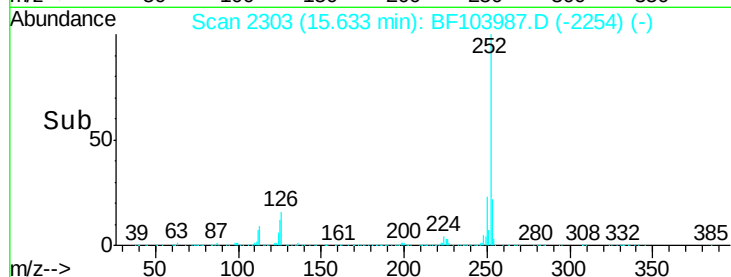
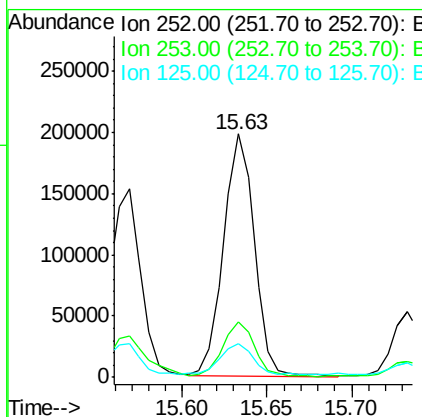
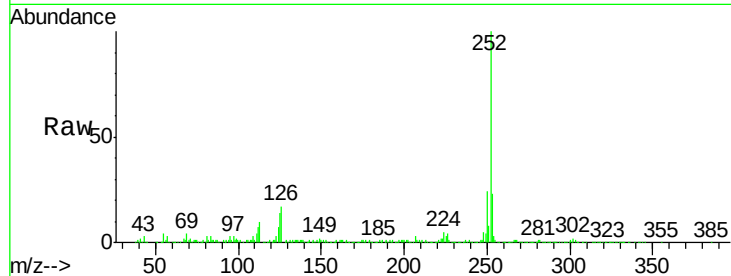
ClientSampled :

TP-7-DB

Tot Ion:	252	Resp:	252276
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.1	25.7
125	13.8	9.8	14.6

Manual Integrations
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#90

Dibenzo(a,h)anthracene

Concen: 3.751 ng m

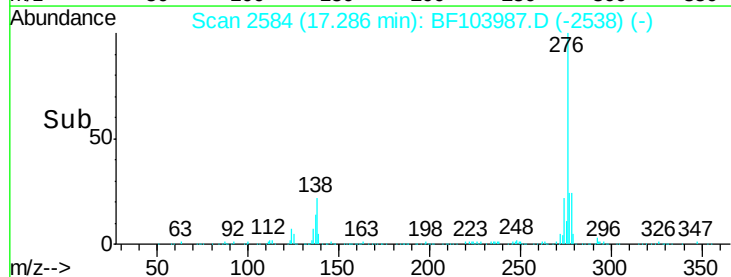
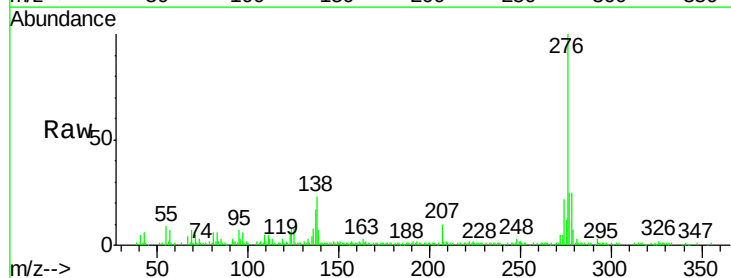
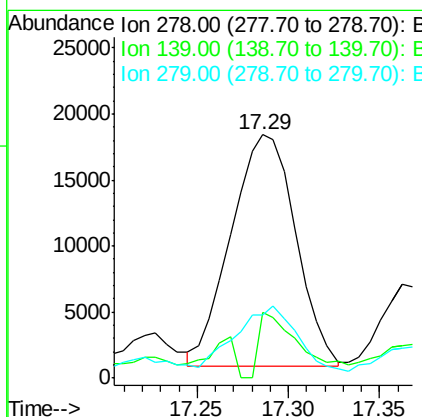
RT: 17.29 min Scan# 2584

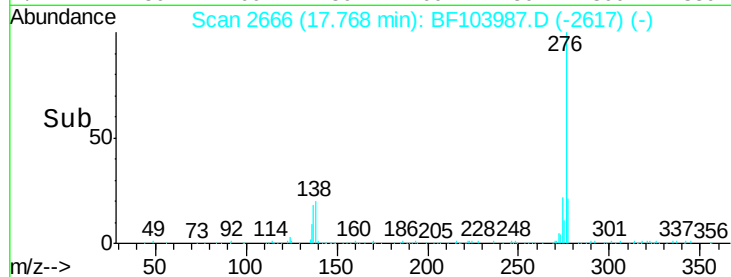
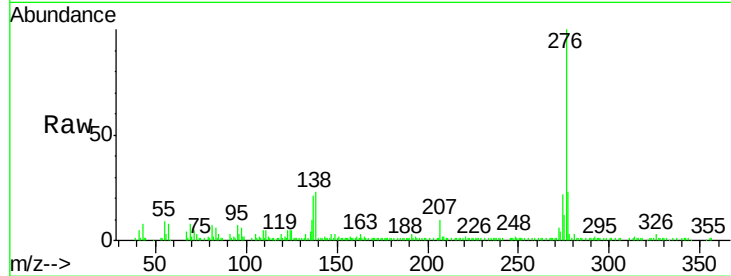
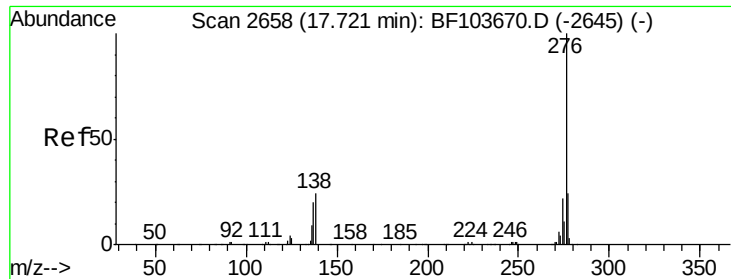
Delta R.T. -0.03 min

Lab File: BF103987.D

Acq: 27 Mar 2018 22:58

Tgt Ion:	278	Resp:	43088
Ion Ratio	Lower	Upper	
278	100		
139	27.0	15.9	23.9#
279	26.1	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 12.564 ng

RT: 17.77 min Scan# 2666

Delta R.T. -0.01 min

Lab File: BF103987.D

Acq: 27 Mar 2018 22:58

Tot Ion:	276	Resp:	140393
Ion Ratio	Lower	Upper	
276	100		
277	23.1	17.9	26.9
138	23.1	21.8	32.8

Instrument :

BNA_F

ClientSampleId :

TP-7-DB

Manual Integrations
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