

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
 Data File : BF103787.D
 Acq On : 20 Mar 2018 6:23
 Operator : JU/SJ
 Sample : J1973-01 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Manual Integrations
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 3/20/2018 6:27:48 PM

Quant Time: Mar 20 07:21:08 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	147008	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	587103	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	257997	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	410016	20.00	ng	0.00
75) Chrysene-d12	14.16	240	291528	20.00	ng	0.00
86) Perylene-d12	15.69	264	256879	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	213344	22.07	ng	0.00
7) Phenol-d6	6.58	99	262849	22.23	ng	0.00
23) Nitrobenzene-d5	7.53	82	145086	17.23	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	51899	23.40	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	252111	15.59	ng	0.00
78) Terphenyl-d14	13.09	244	181608	14.46	ng	0.00
Target Compounds						
70) Phenanthrene	11.53	178	83726	3.733	ng	Qvalue 96
74) Fluoranthene	12.72	202	187267	8.104	ng	97
77) Pyrene	12.95	202	169175	7.902	ng	98
80) Benzo(a)anthracene	14.15	228	83686	4.535	ng	93
82) Chrysene	14.18	228	92214m	5.242	ng	
85) Indeno(1,2,3-cd)pyrene	17.26	276	44748	2.913	ng	95
87) Benzo(b)fluoranthene	15.23	252	116935m	7.205	ng	
89) Benzo(a)pyrene	15.63	252	70541	4.792	ng	# 95
91) Benzo(g,h,i)perylene	17.74	276	40819	3.292	ng	99

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

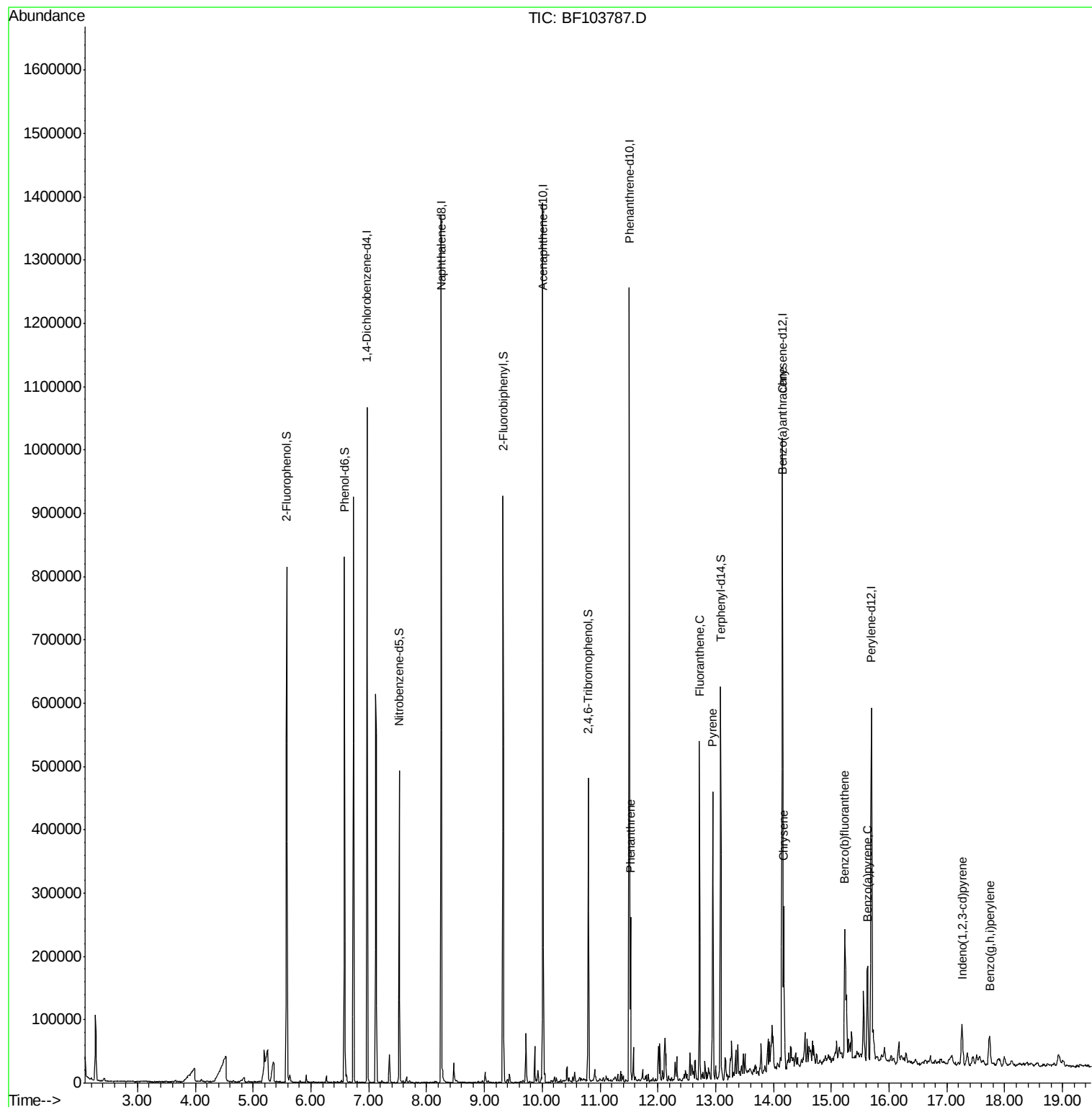
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
Data File : BF103787.D
Acq On : 20 Mar 2018 6:23
Operator : JU/SJ
Sample : J1973-01 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

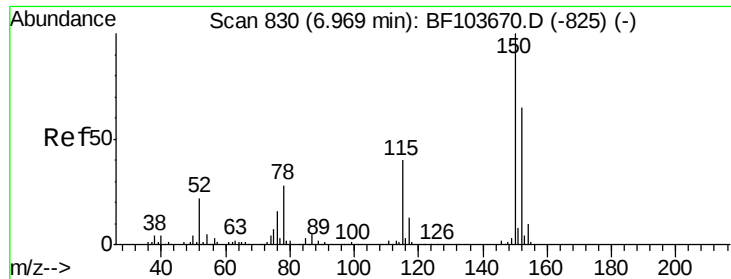
Instrument :
BNA_F
ClientSampleId :
COMP-1

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Quant Time: Mar 20 07:21:08 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

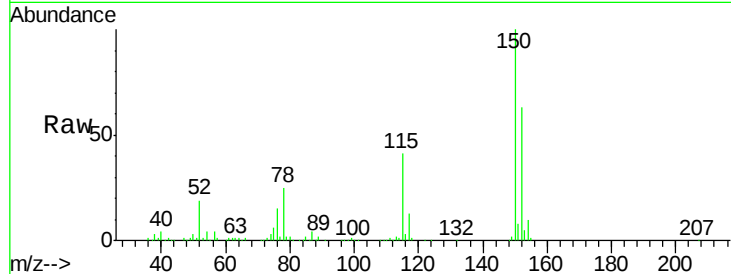
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF103787.D
Acq: 20 Mar 2018 6:23

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	64.6	50.1	75.1

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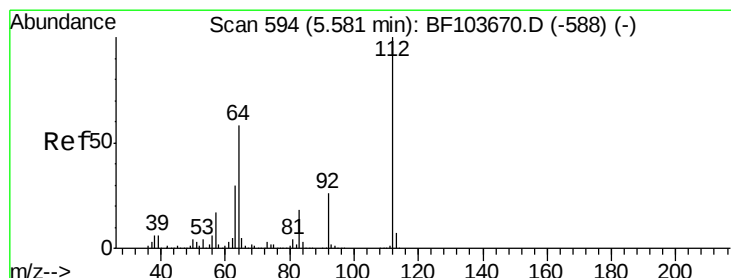
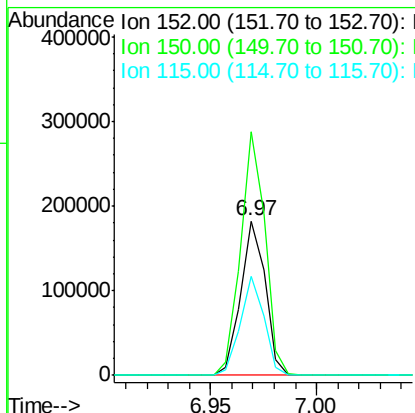
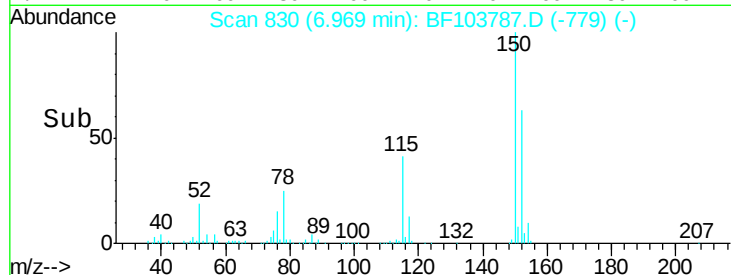


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

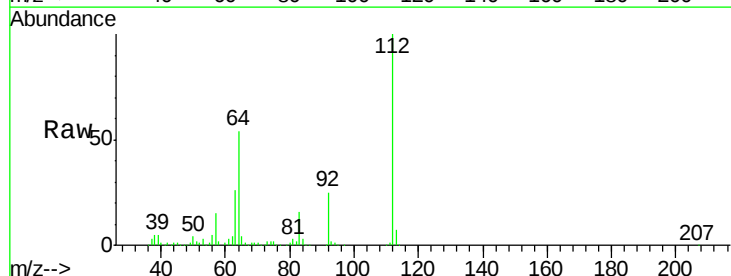
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 22.073 ng
RT: 5.58 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF103787.D
Acq: 20 Mar 2018 6:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.0	47.9	71.9
63	26.4	23.7	35.5

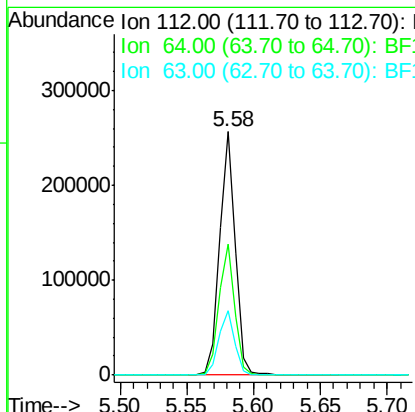
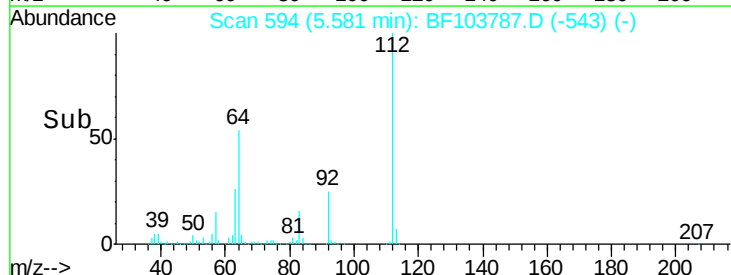


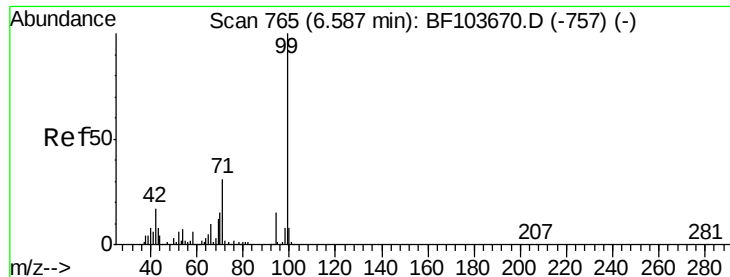
Abundance

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: 22.229 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF103787.D

Acq: 20 Mar 2018 6:23

Instrument :

BNA_F

ClientSampleId :

COMP-1

Tot Ion: 99 Resp: 262849

Ion Ratio Lower Upper

99 100

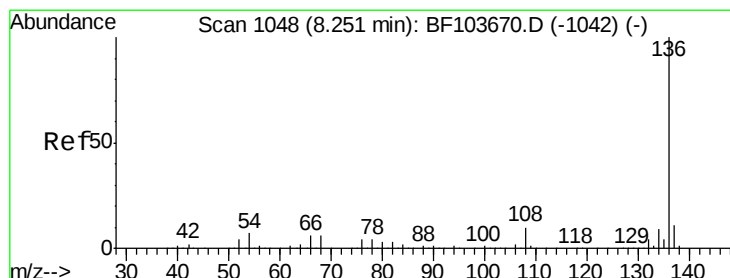
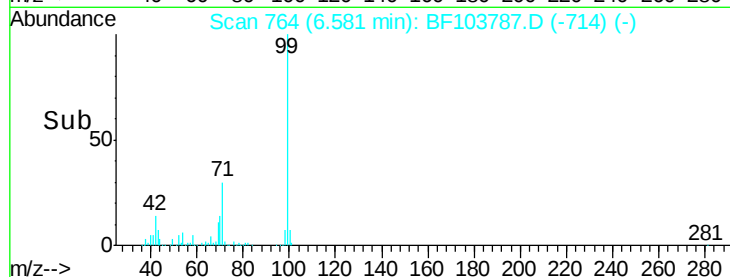
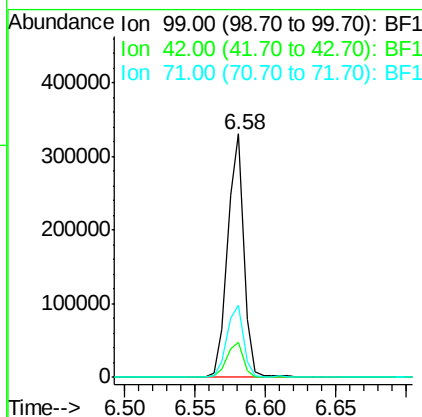
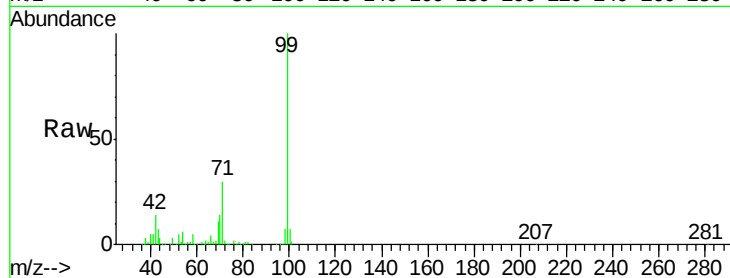
42 14.2 14.5 21.7#

71 29.6 25.4 38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF103787.D

Acq: 20 Mar 2018 6:23

Tgt Ion: 136 Resp: 587103

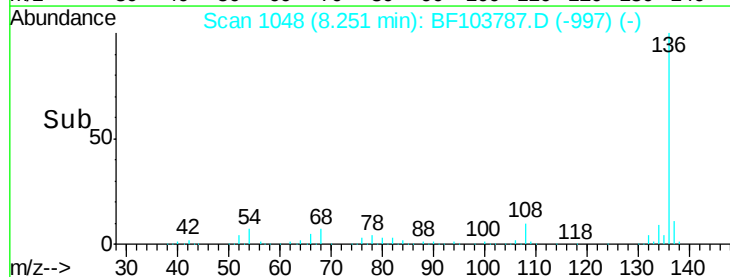
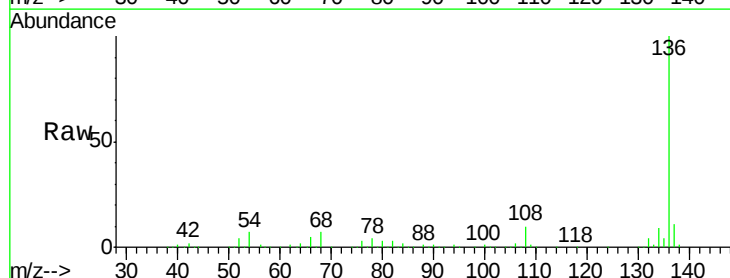
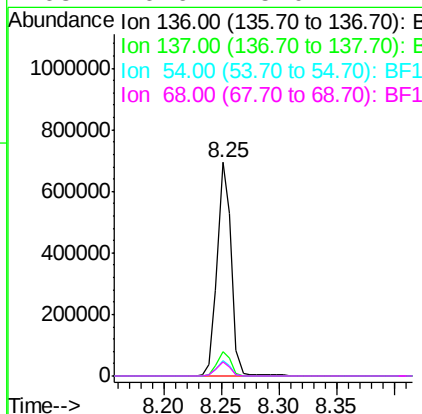
Ion Ratio Lower Upper

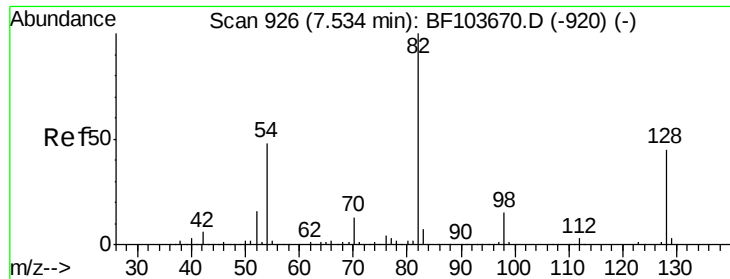
136 100

137 11.3 8.9 13.3

54 7.3 6.6 9.8

68 6.6 5.0 7.4





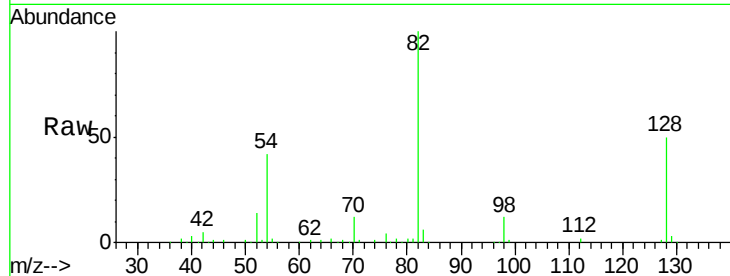
#23
 Nitrobenzene-d5
 Concen: 17.233 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF103787.D
 Acq: 20 Mar 2018 6:23

Instrument :
 BNA_F
 ClientSampled :
 COMP-1

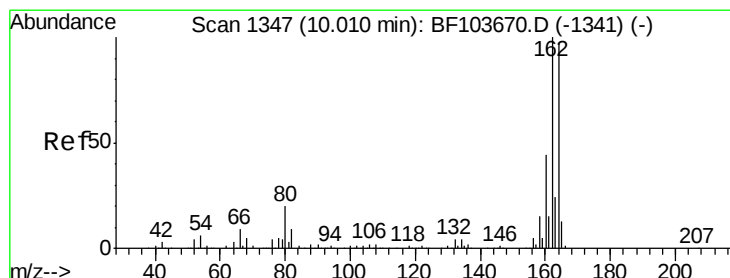
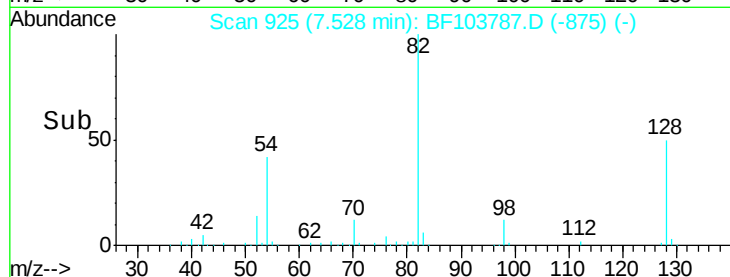
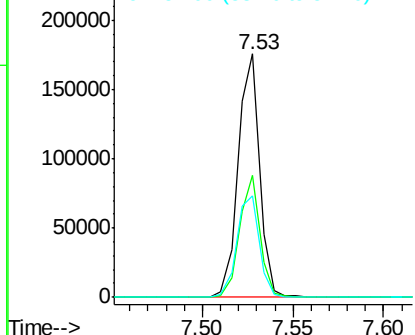
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	50.1	36.1	54.1	
54	41.8	41.4	62.2	

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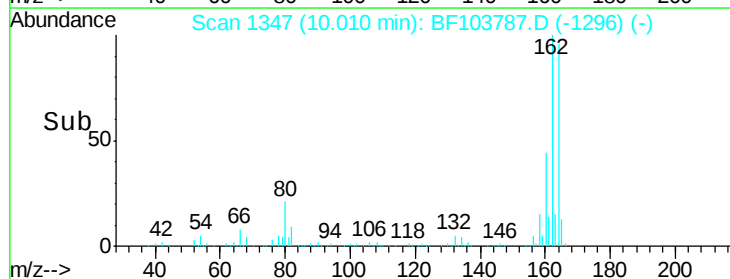
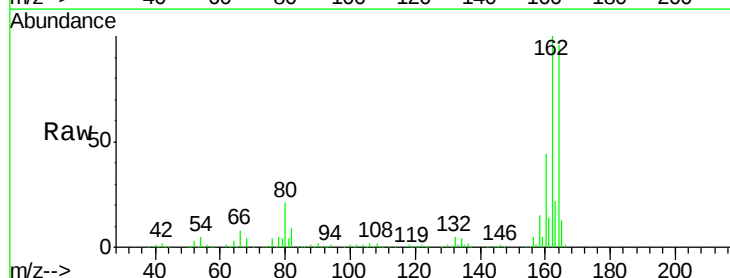
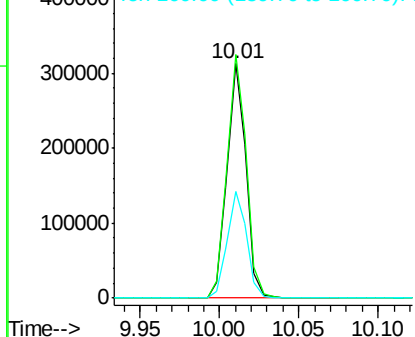
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF1

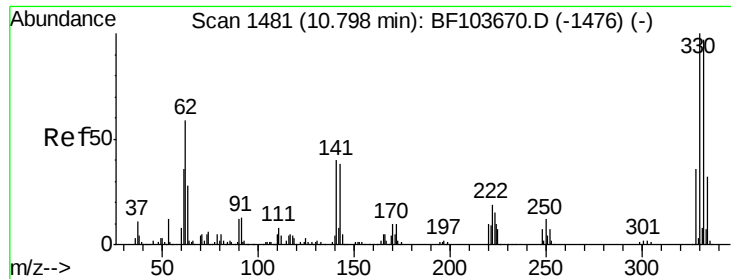


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: BF103787.D
 Acq: 20 Mar 2018 6:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.8	86.1	129.1	
160	45.7	38.3	57.5	

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





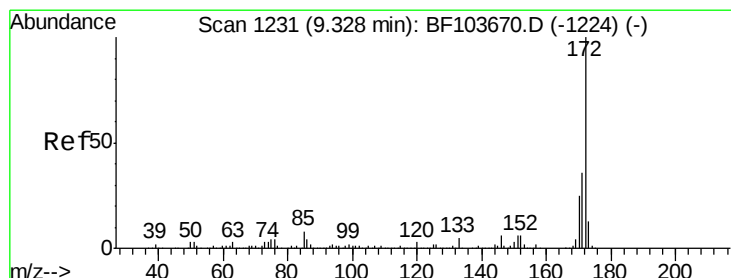
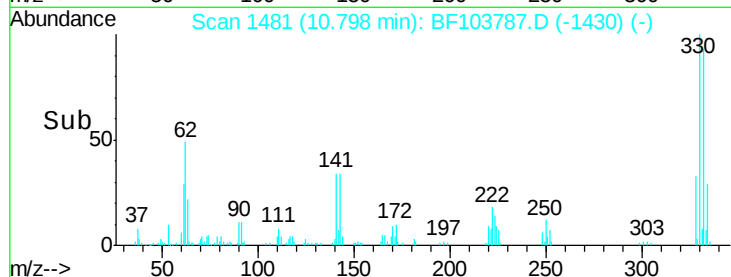
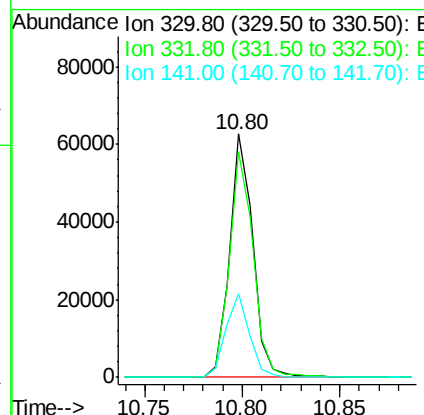
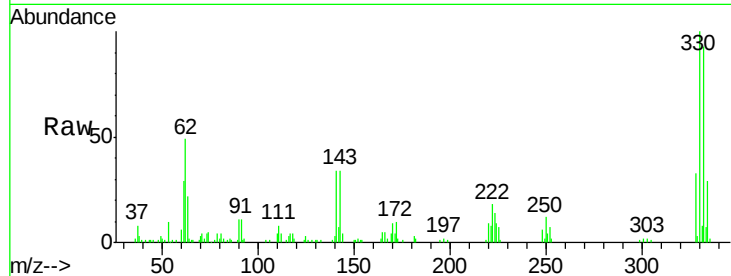
#41
 2,4,6-Tribromophenol
 Concen: 23.396 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: BF103787.D
 Acq: 20 Mar 2018 6:23

Instrument :
 BNA_F
 ClientSampled :
 COMP-1

Tot Ion	Ratio	Resp	Lower	Upper
330	100	51899		
332	95.0		77.0	115.6
141	34.5		29.9	44.9

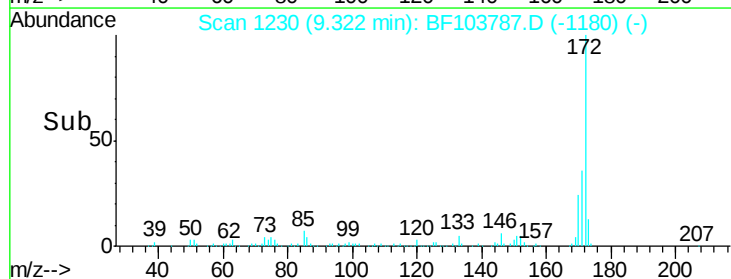
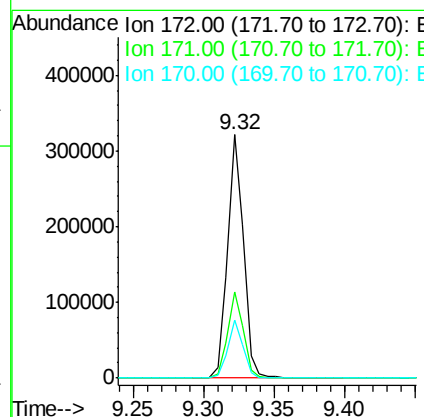
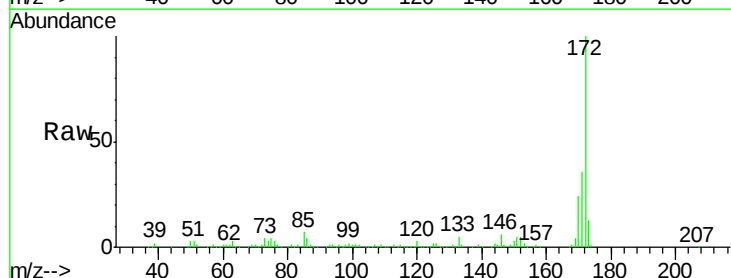
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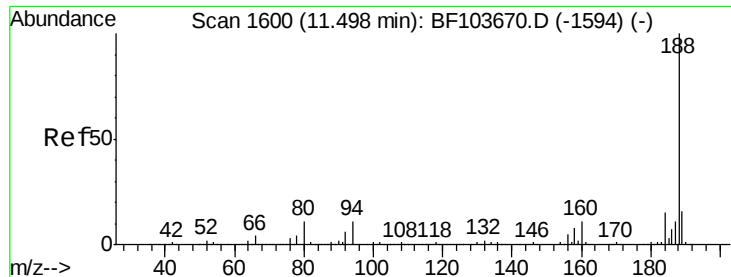
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#44
 2-Fluorobiphenyl
 Concen: 15.588 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF103787.D
 Acq: 20 Mar 2018 6:23

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	252111		
171	35.6		29.7	44.5
170	23.8		19.6	29.4





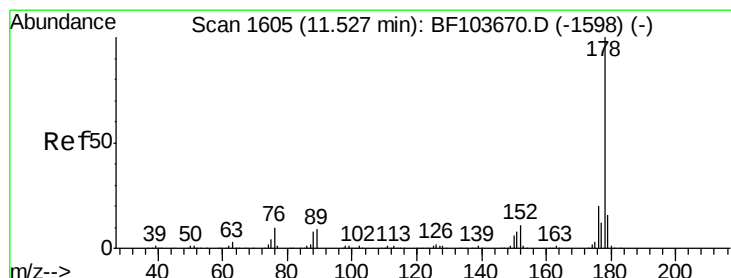
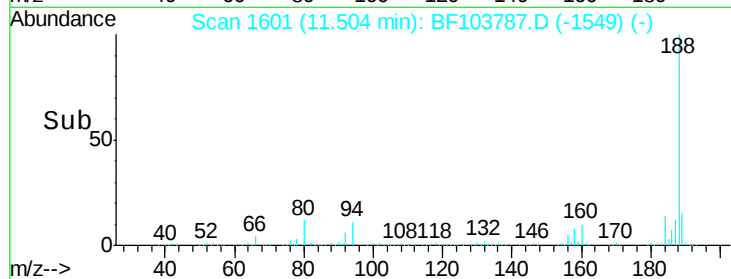
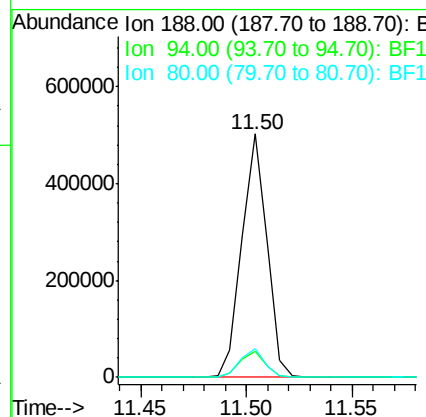
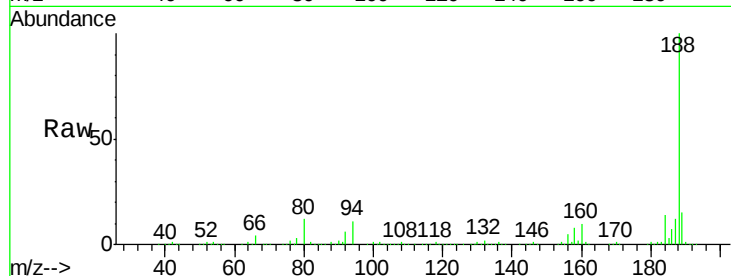
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103787.D
Acq: 20 Mar 2018 6:23

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.6	9.2	13.8

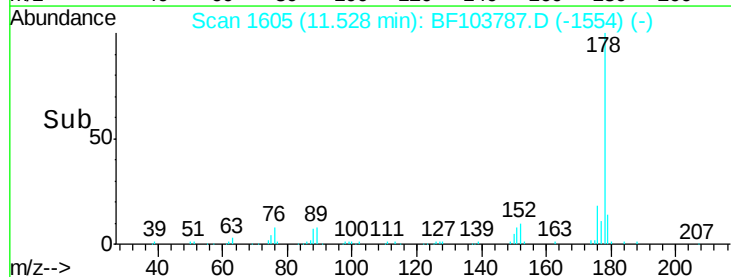
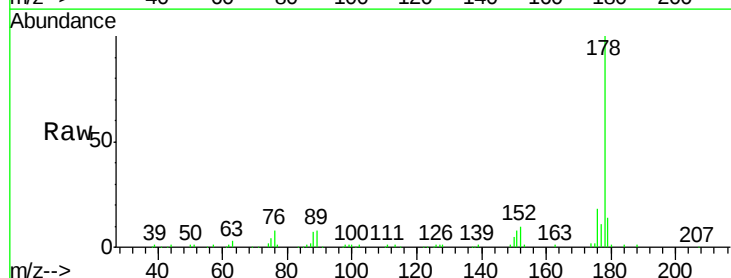
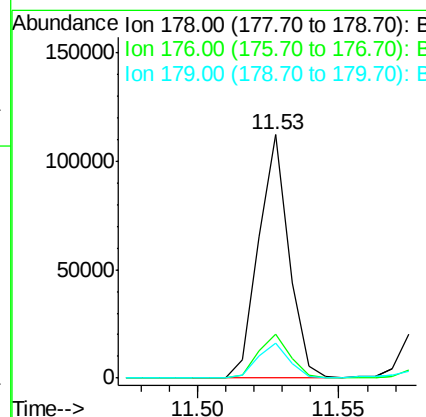
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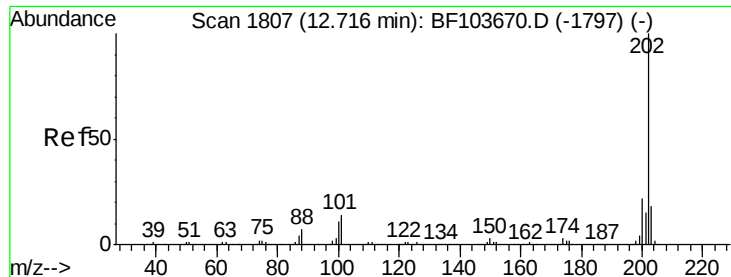
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#70
Phenanthrene
Concen: 3.733 ng
RT: 11.53 min Scan# 1605
Delta R.T. 0.00 min
Lab File: BF103787.D
Acq: 20 Mar 2018 6:23

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	17.9	15.8	23.8
179	14.4	13.0	19.6





#74

Fluoranthene

Concen: 8.104 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.01 min

Lab File: BF103787.D

Acq: 20 Mar 2018 6:23

Instrument :

BNA_F

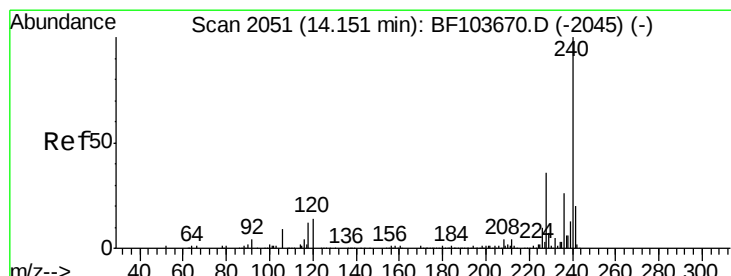
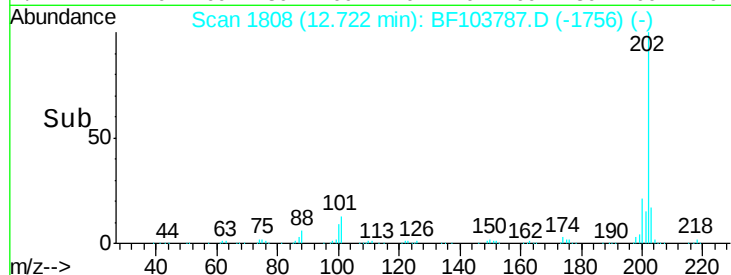
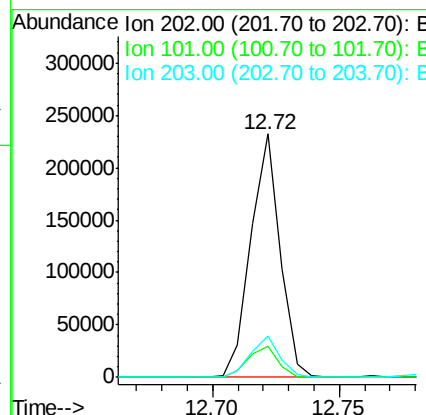
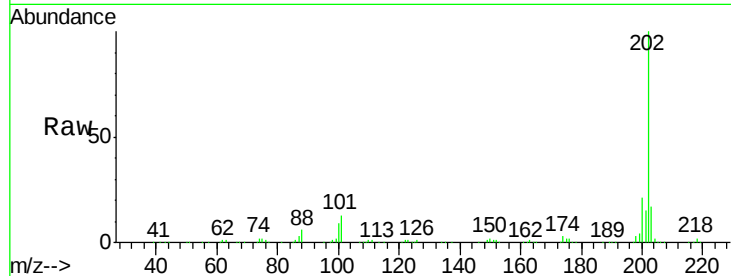
ClientSampleId :

COMP-1

Tot Ion:	202	Resp:	187267
Ion Ratio	Lower	Upper	
202	100		
101	12.9	0.0	34.1
203	17.0	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

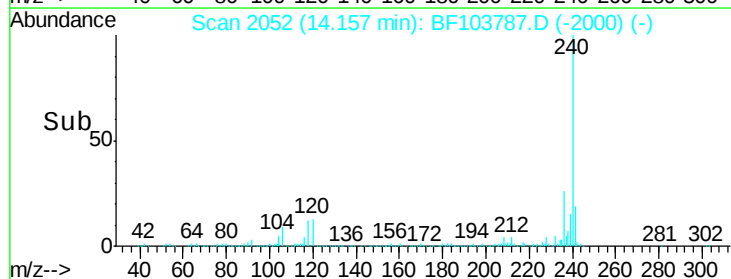
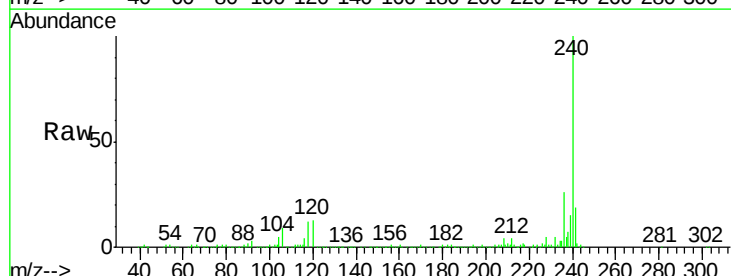
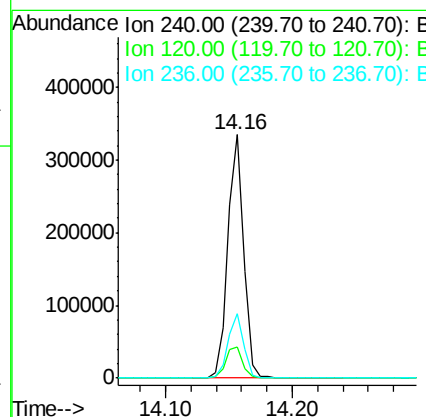
RT: 14.16 min Scan# 2052

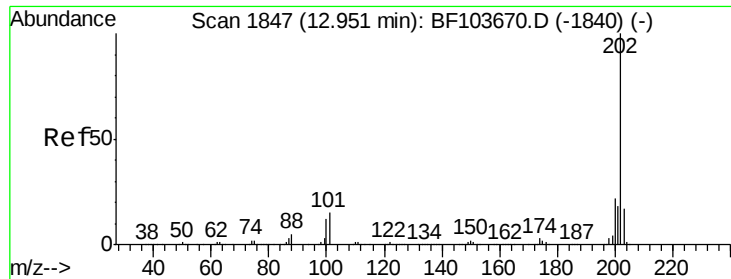
Delta R.T. 0.01 min

Lab File: BF103787.D

Acq: 20 Mar 2018 6:23

Tgt Ion:	240	Resp:	291528
Ion Ratio	Lower	Upper	
240	100		
120	12.6	9.5	14.3
236	26.3	20.7	31.1





#77

Pvrene

Concen: 7.902 ng

RT: 12.95 min Scan# 1847

Delta R.T. 0.00 min

Lab File: BF103787.D

Acq: 20 Mar 2018 6:23

Instrument :

BNA_F

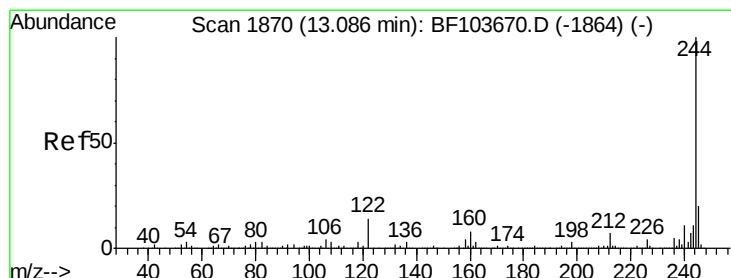
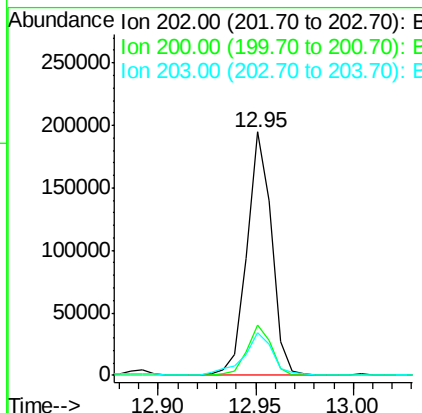
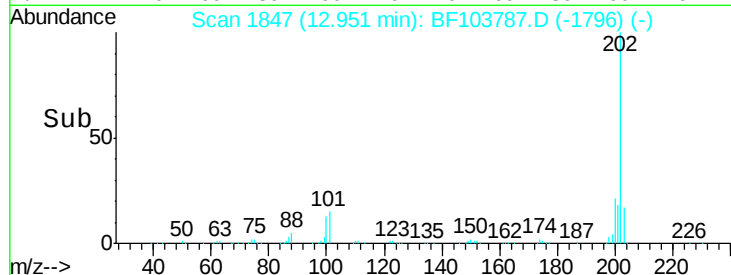
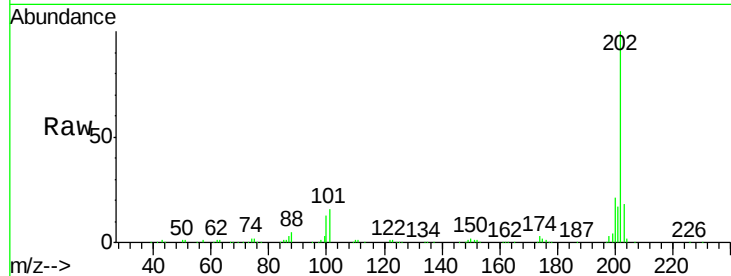
ClientSampled :

COMP-1

Tot Ion:	202	Resp:	169175
Ion Ratio		Lower	Upper
202	100		
200	20.8	17.4	26.2
203	17.6	14.3	21.5

Manual Integrations
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#78

Terphenyl-d14

Concen: 14.460 ng

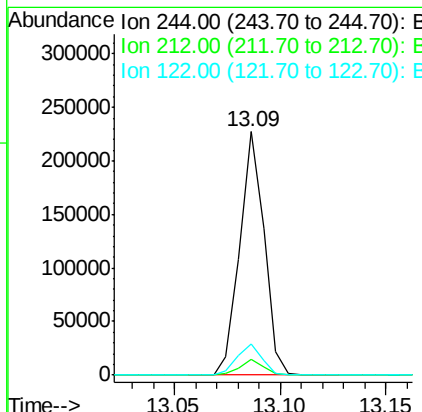
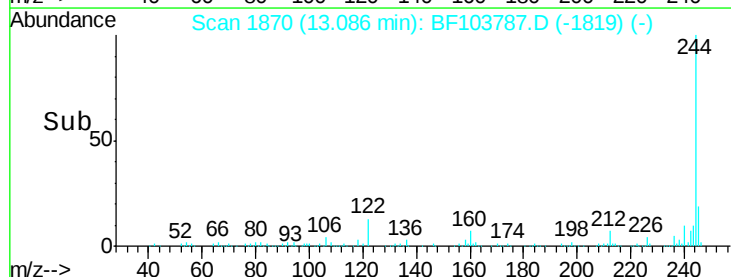
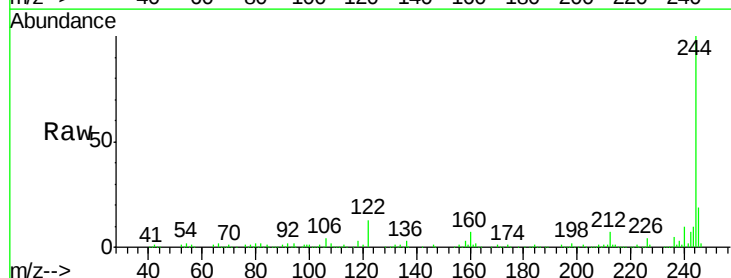
RT: 13.09 min Scan# 1870

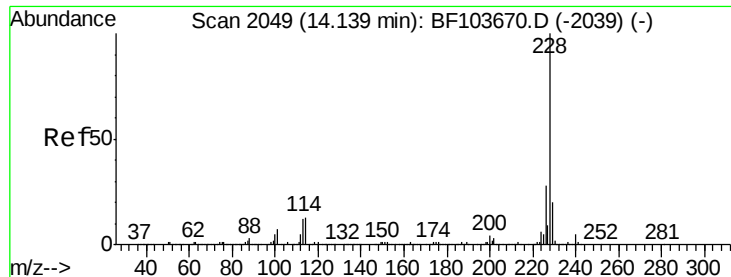
Delta R.T. 0.00 min

Lab File: BF103787.D

Acq: 20 Mar 2018 6:23

Tgt Ion:	244	Resp:	181608
Ion Ratio		Lower	Upper
244	100		
212	6.6	5.4	8.0
122	12.6	11.0	16.4





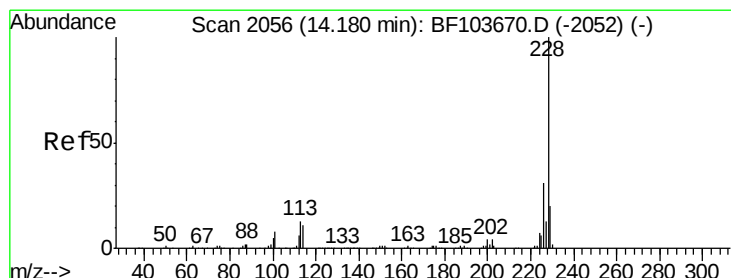
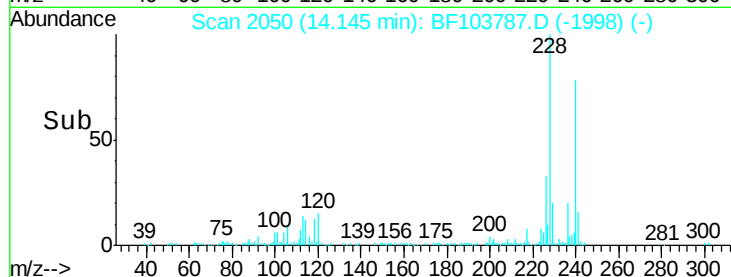
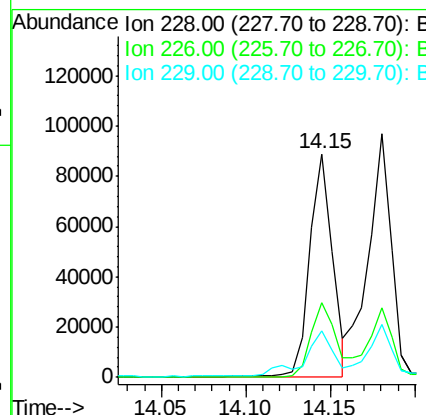
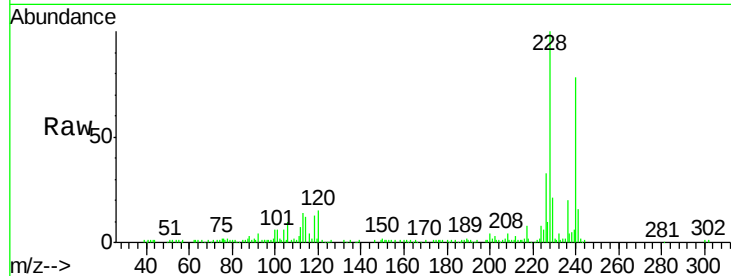
#80
Benzo(a)anthracene
Concen: 4.535 ng
RT: 14.15 min Scan# 2050
Delta R.T. 0.01 min
Lab File: BF103787.D
Acq: 20 Mar 2018 6:23

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.2	22.6	33.8
229	20.9	15.8	23.6

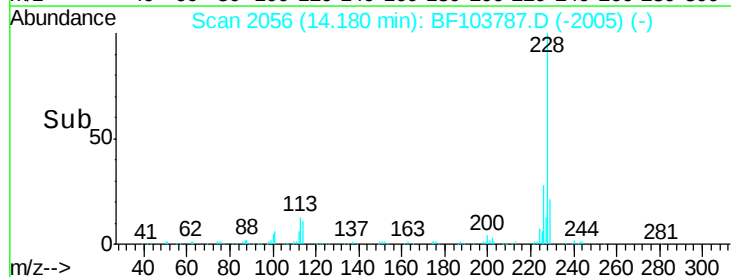
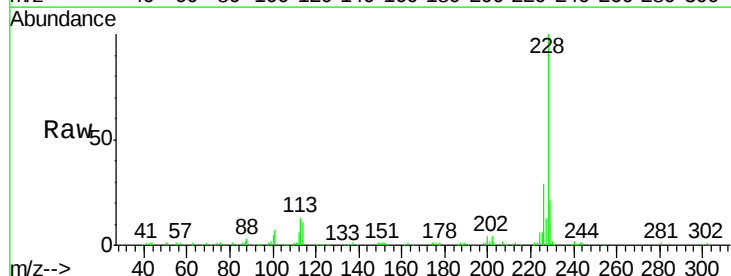
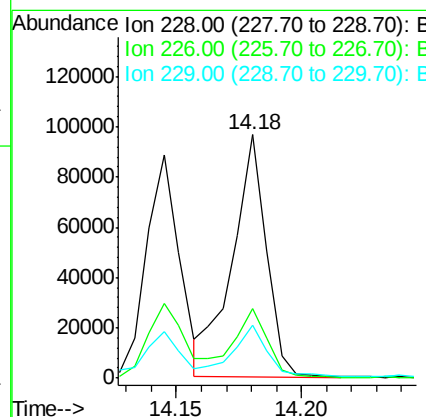
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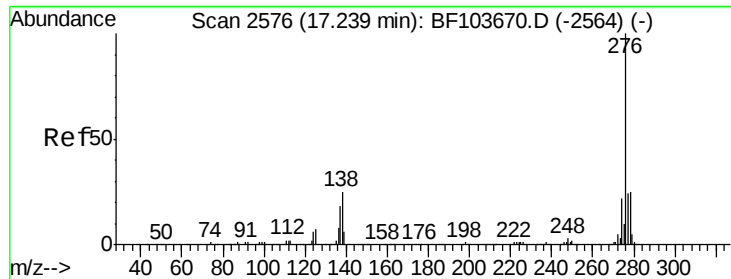
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#82
Chrysene
Concen: 5.242 ng m
RT: 14.18 min Scan# 2056
Delta R.T. 0.00 min
Lab File: BF103787.D
Acq: 20 Mar 2018 6:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	25.0	37.6
229	21.5	16.2	24.4





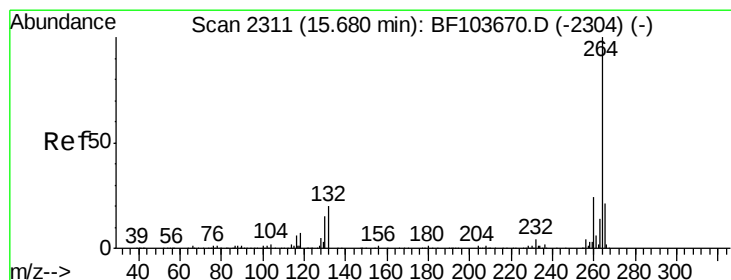
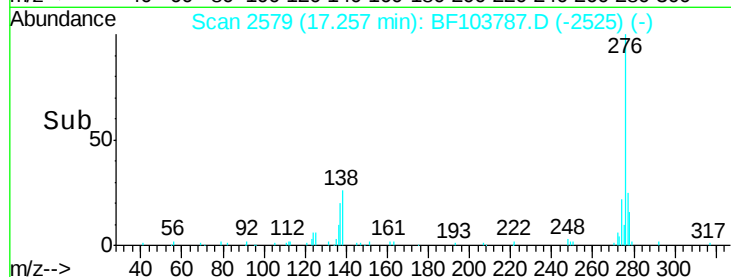
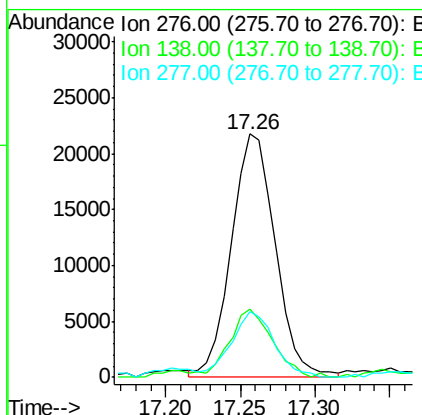
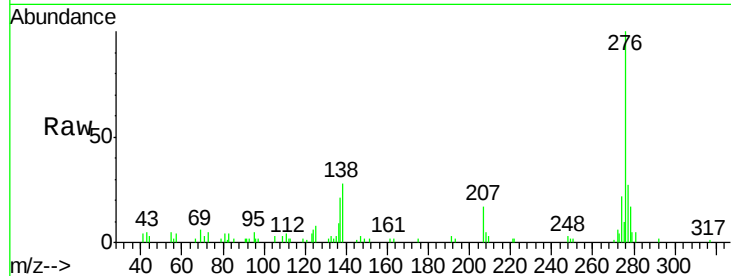
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.913 ng
RT: 17.26 min Scan# 2579
Delta R.T. 0.02 min
Lab File: BF103787.D
Acq: 20 Mar 2018 6:23

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.6	25.0	37.6
277	26.5	20.1	30.1

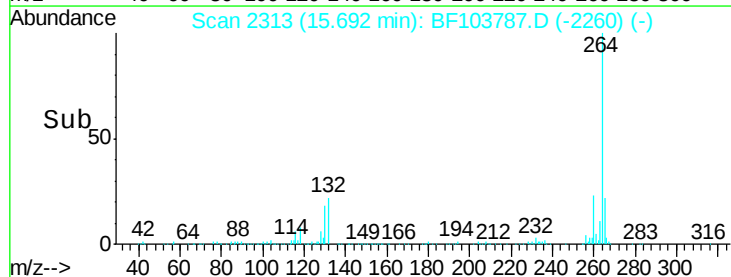
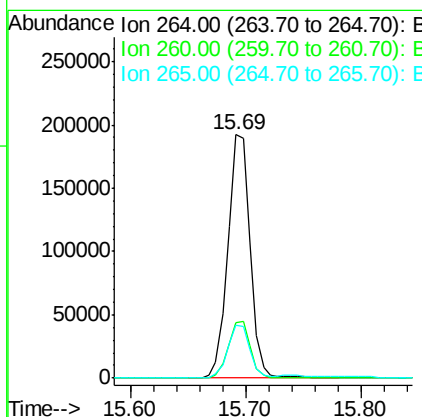
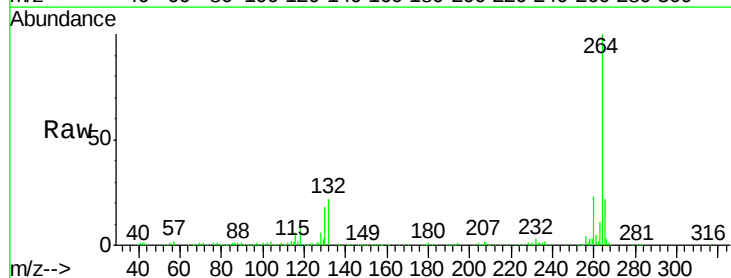
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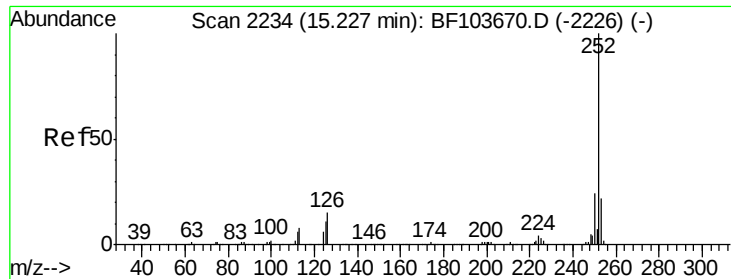
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2313
Delta R.T. 0.01 min
Lab File: BF103787.D
Acq: 20 Mar 2018 6:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.8	17.5	26.3





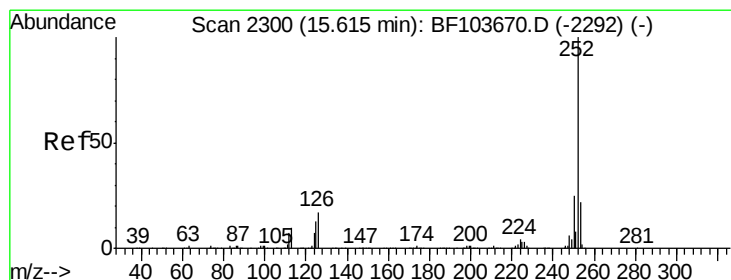
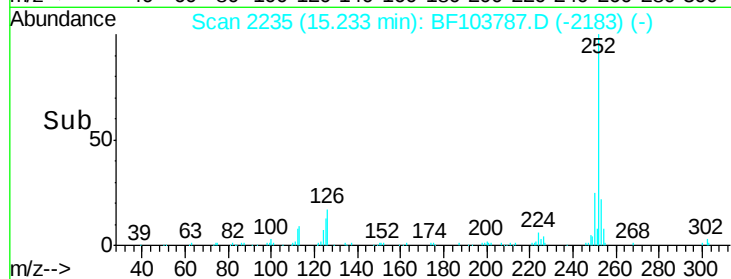
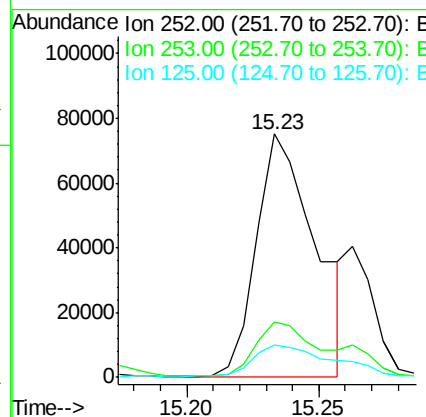
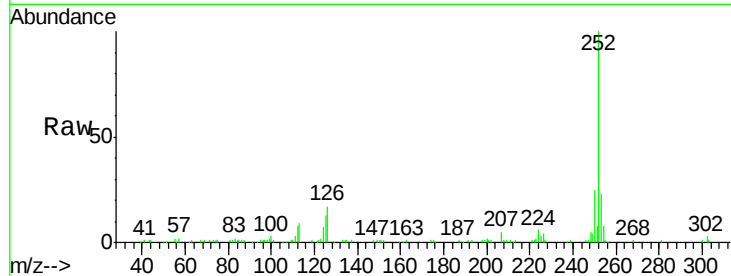
#87
Benzo(b)fluoranthene
Concen: 7.205 ng m
RT: 15.23 min Scan# 2235
Delta R.T. 0.01 min
Lab File: BF103787.D
Acq: 20 Mar 2018 6:23

Instrument :
BNA_F
ClientSampled :
COMP-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	13.4	9.0	13.6

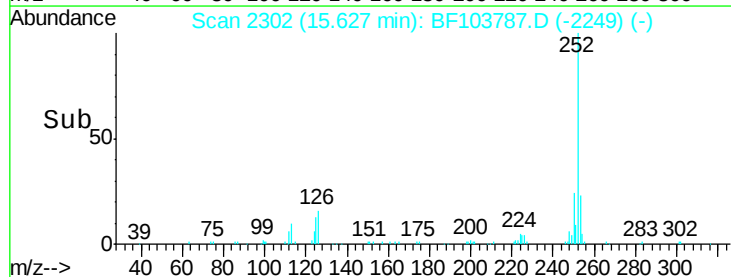
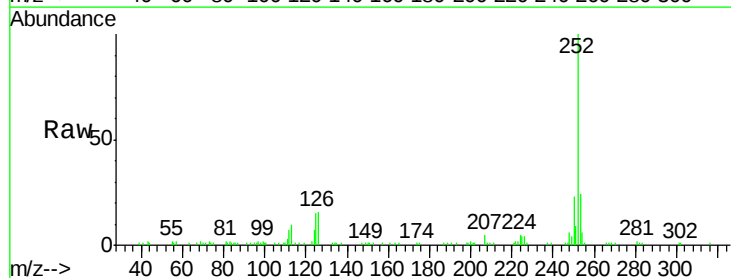
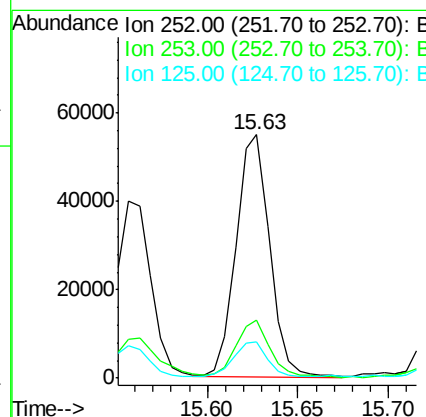
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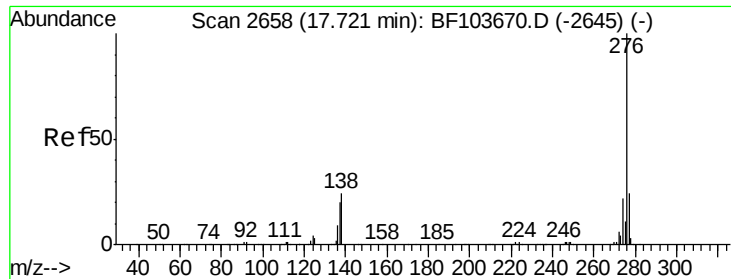
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#89
Benzo(a)pyrene
Concen: 4.792 ng
RT: 15.63 min Scan# 2302
Delta R.T. 0.01 min
Lab File: BF103787.D
Acq: 20 Mar 2018 6:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	14.7	9.8	14.6#





#91
 Benzo(a,h,i)perylene
 Concen: 3.292 ng
 RT: 17.74 min Scan# 2661
 Delta R.T. 0.02 min
 Lab File: BF103787.D
 Acq: 20 Mar 2018 6:23

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Tot Ion:	276	Resp:	40819
Ion Ratio		Lower	Upper
276	100		
277	21.8	17.9	26.9
138	27.3	21.8	32.8

Manual Integrations
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