

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012018\
 Data File : BF102271.D
 Acq On : 20 Jan 2018 17:41
 Operator : SJ/JU
 Sample : J1228-26
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-5

Manual Integrations
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Sohil
 1/22/2018 5:25:53 PM

Quant Time: Jan 22 03:17:14 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 19 13:31:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	154493	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	625974	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	260336	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	380653	20.00	ng	0.00
75) Chrysene-d12	13.87	240	288839	20.00	ng	0.00
86) Perylene-d12	15.30	264	244381	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1014219	92.70	ng	0.00
7) Phenol-d6	6.36	99	1194757	91.53	ng	0.00
23) Nitrobenzene-d5	7.29	82	739507	69.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	214364	94.35	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1224259	73.47	ng	0.00
78) Terphenyl-d14	12.83	244	841865	60.52	ng	0.00
Target Compounds						
10) Phenol	6.37	94	57507	3.90	ng	95
48) Acenaphthylene	9.62	152	83029	2.93	ng	99
49) Dimethylphthalate	9.47	163	118418	5.67	ng	99
74) Fluoranthene	12.45	202	75332	3.44	ng	100
77) Pyrene	12.67	202	143756	5.63	ng	98
80) Benzo(a)anthracene	13.86	228	67543m	3.67	ng	
82) Chrysene	13.90	228	84312m	4.39	ng	
85) Indeno(1,2,3-cd)pyrene	16.67	276	32430	2.32	ng	95
87) Benzo(b)fluoranthene	14.89	252	75196m	4.72	ng	
89) Benzo(a)pyrene	15.23	252	64660	4.51	ng	# 93
91) Benzo(g,h,i)perylene	17.09	276	42663	3.70	ng	# 91

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

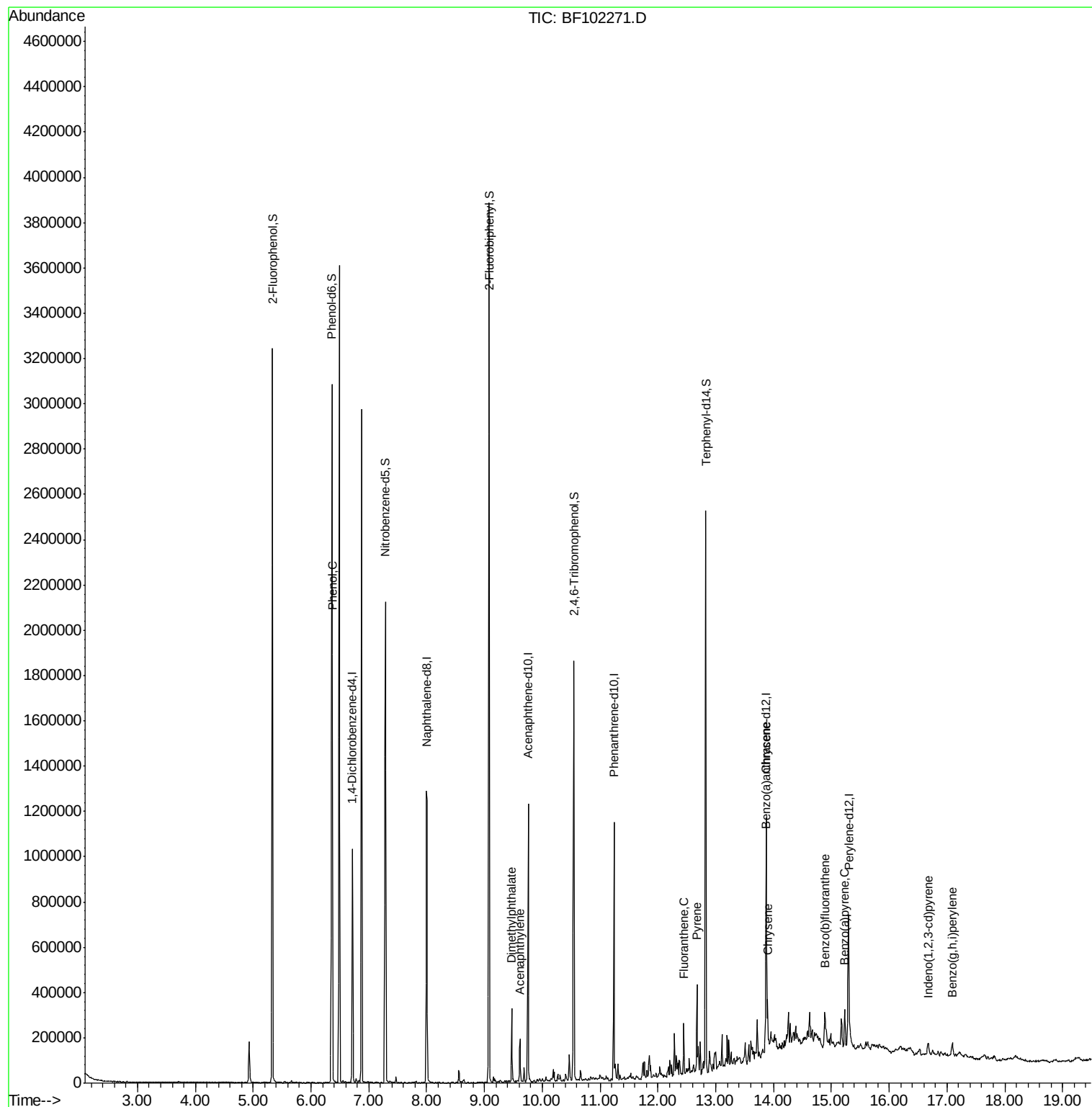
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012018\
Data File : BF102271.D
Acq On : 20 Jan 2018 17:41
Operator : SJ/JU
Sample : J1228-26
Misc :
ALS Vial : 21 Sample Multiplier: 1

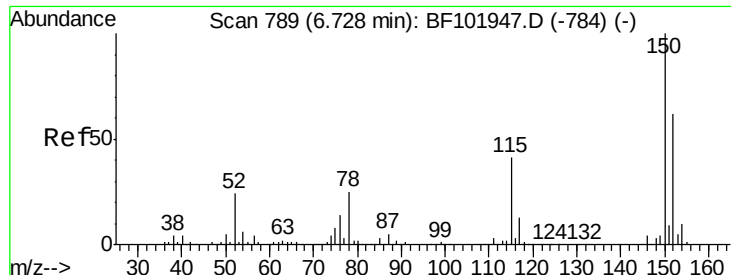
Instrument :
BNA_F
ClientSampleId :
COMP-5

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#1

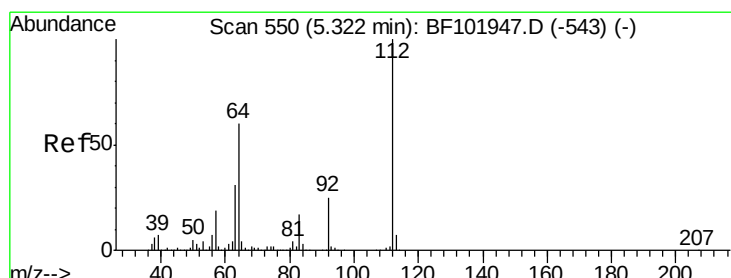
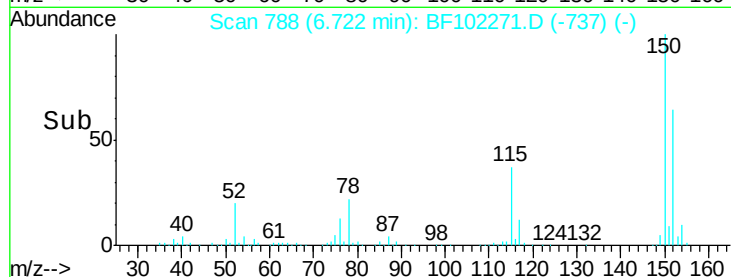
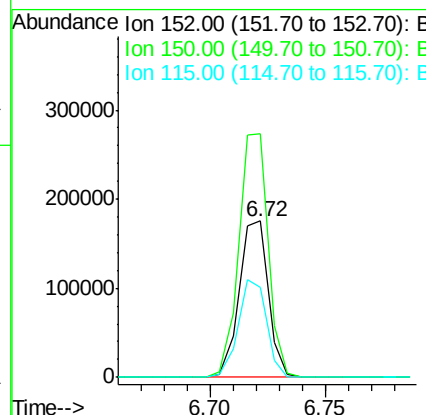
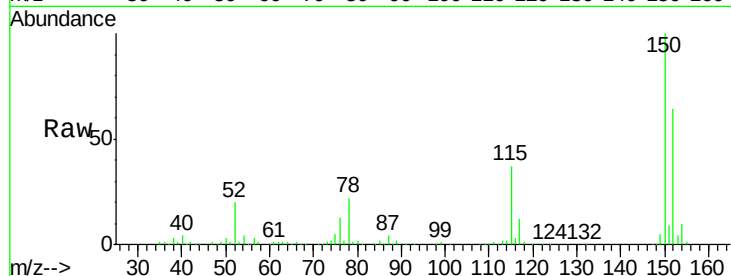
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF102271.D
Acq: 20 Jan 2018 17:41

Instrument :
BNA_F
ClientSampleId :
COMP-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	57.9	50.1	75.1

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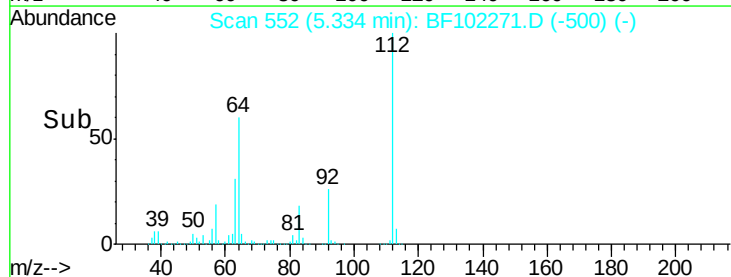
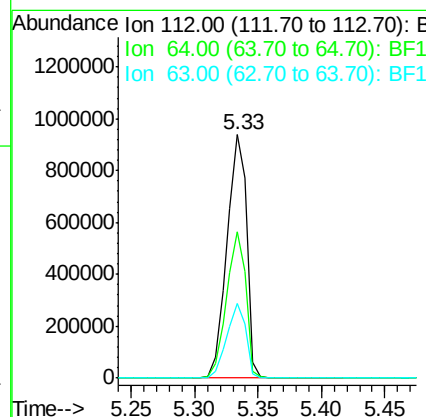
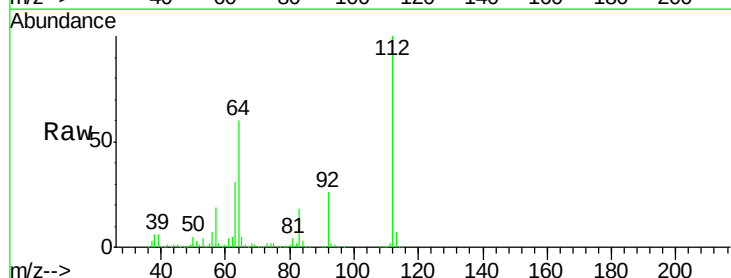
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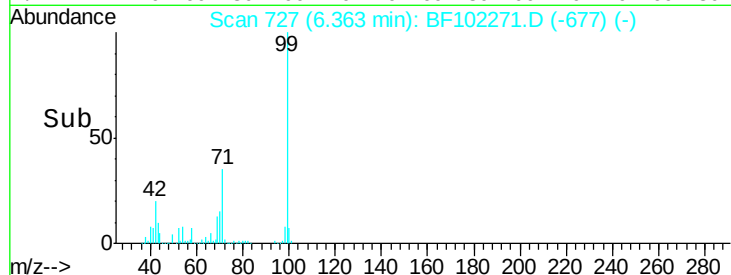
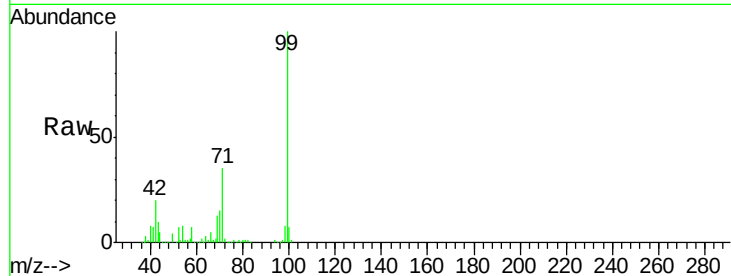
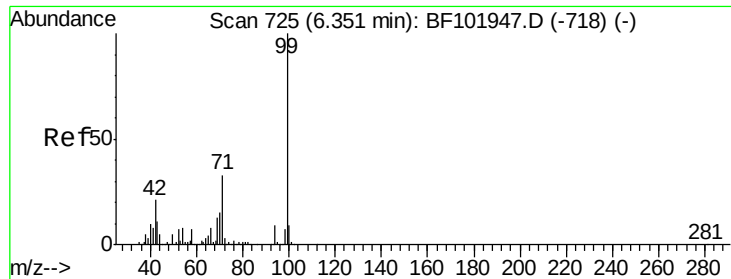


#5

2-Fluorophenol
Concen: 92.70 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102271.D
Acq: 20 Jan 2018 17:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.9	47.9	71.9
63	30.7	23.7	35.5





#7

Phenol-d6

Concen: 91.53 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102271.D

Acq: 20 Jan 2018 17:41

Tot Ion:	99	Resp:	1194757
Ion	Ratio	Lower	Upper
99	100		
42	20.0	14.5	21.7
71	34.7	25.4	38.0

Instrument :

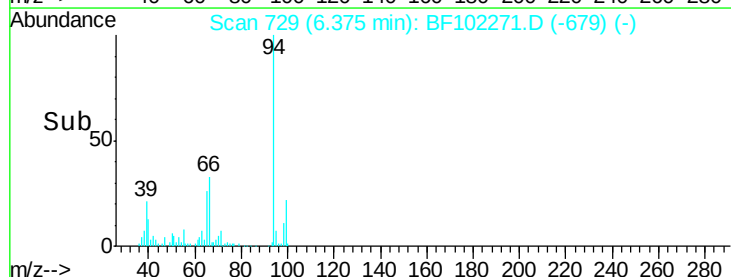
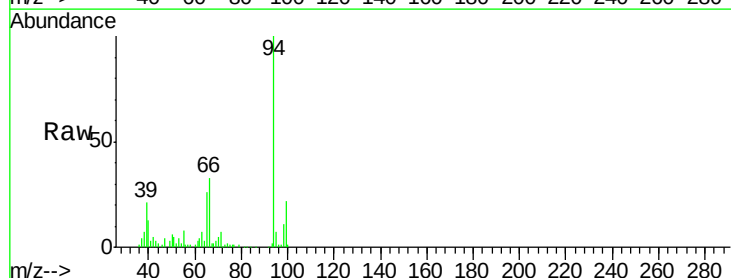
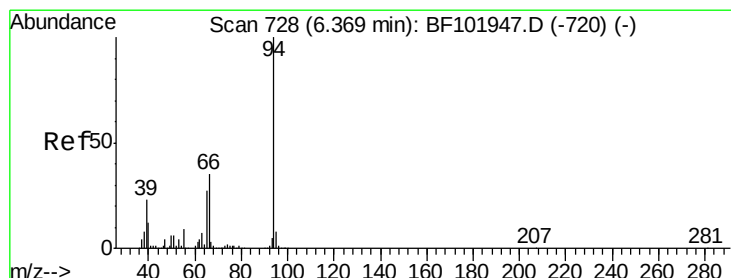
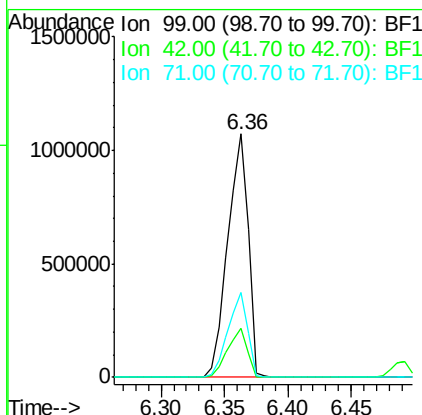
BNA_F

ClientSampled :

COMP-5

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#10

Phenol

Concen: 3.90 ng

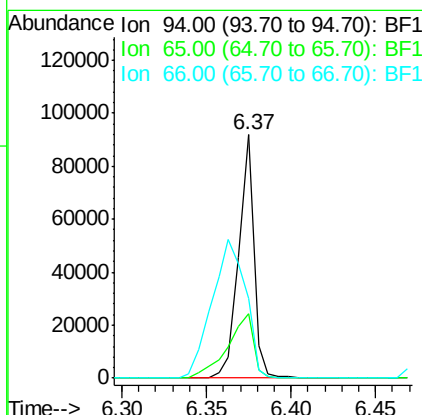
RT: 6.37 min Scan# 729

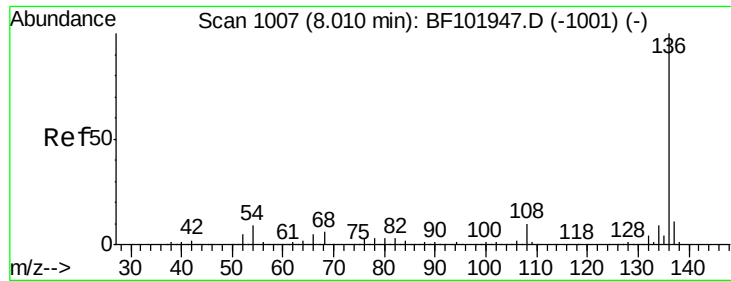
Delta R.T. -0.01 min

Lab File: BF102271.D

Acq: 20 Jan 2018 17:41

Tgt Ion:	94	Resp:	57507
Ion	Ratio	Lower	Upper
94	100		
65	26.2	7.9	47.9
66	32.8	16.2	56.2





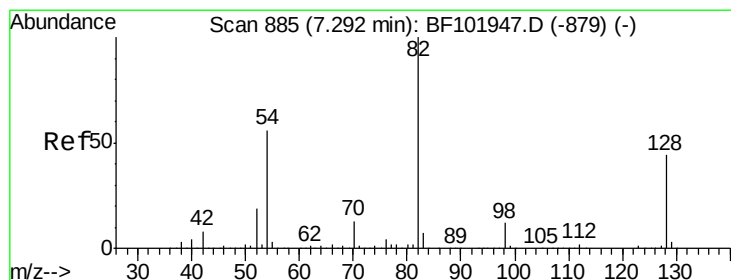
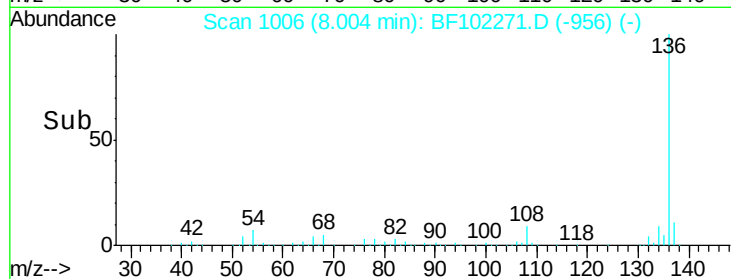
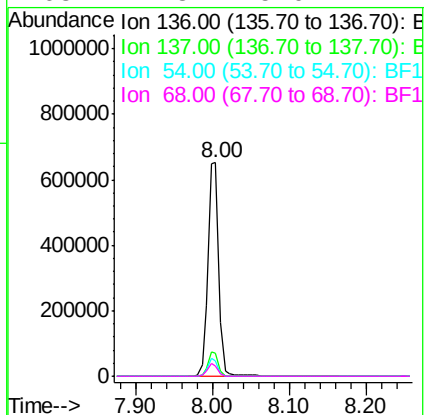
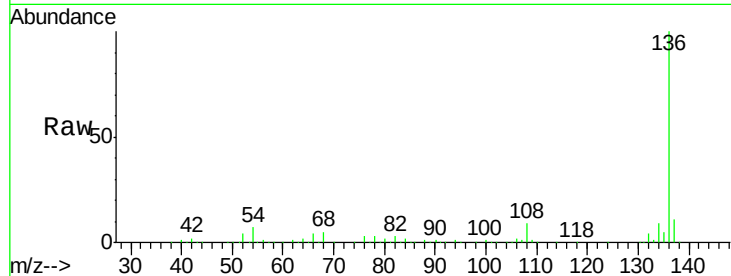
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102271.D
Acq: 20 Jan 2018 17:41

Instrument :
BNA_F
ClientSampled :
COMP-5

Tot Ion	Ratio	Resp	Lower	Upper
136	100	625974		
137	10.6		8.9	13.3
54	7.1		6.6	9.8
68	4.8		5.0	7.4

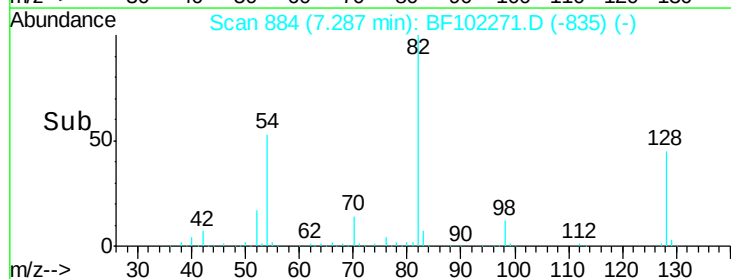
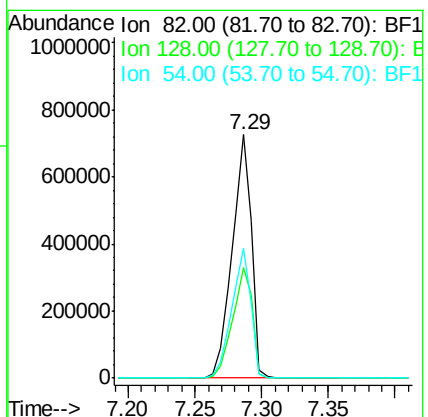
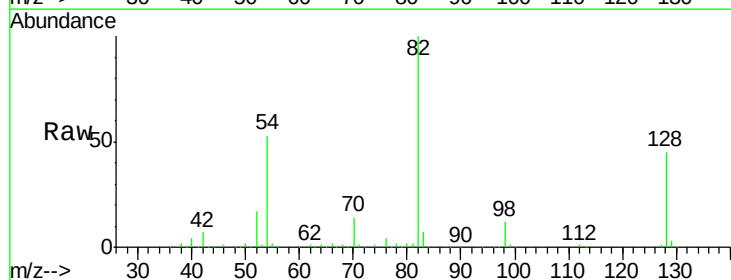
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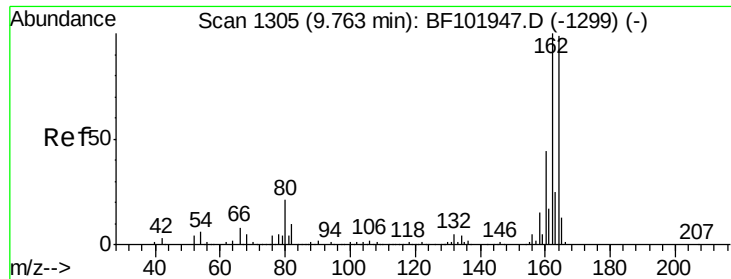
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#23
Nitrobenzene-d5
Concen: 69.42 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102271.D
Acq: 20 Jan 2018 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	739507		
128	45.2		36.1	54.1
54	53.2		41.4	62.2





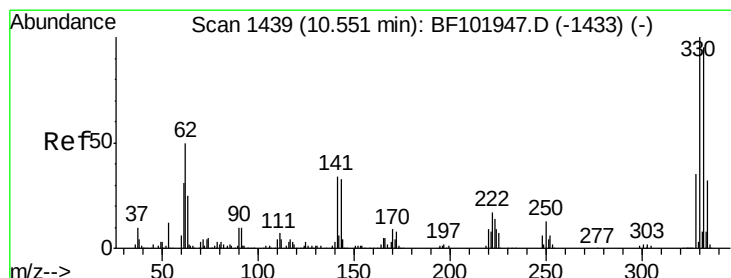
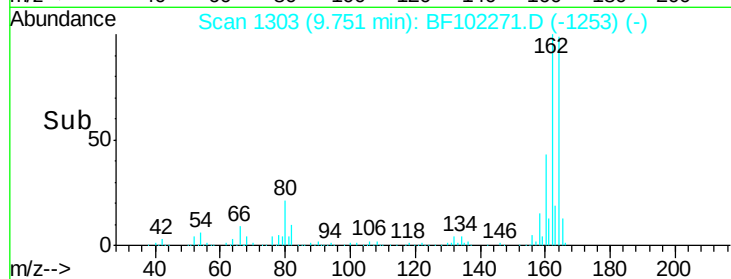
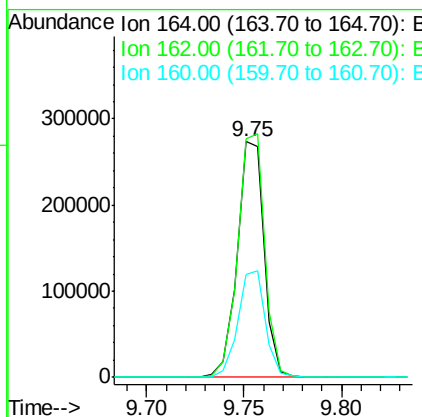
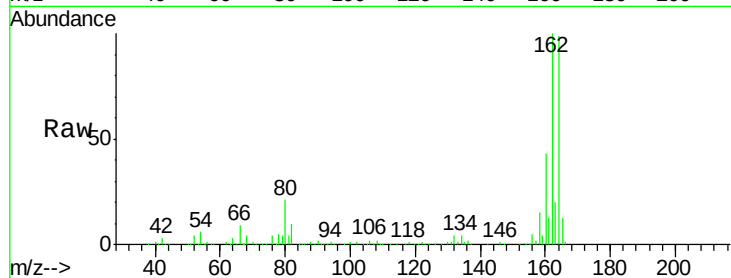
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102271.D
Acq: 20 Jan 2018 17:41

Instrument :
BNA_F
ClientSampled :
COMP-5

Tot Ion	Ratio	Resp	Lower	Upper
164	100	260336		
162	101.2		86.1	129.1
160	43.5		38.3	57.5

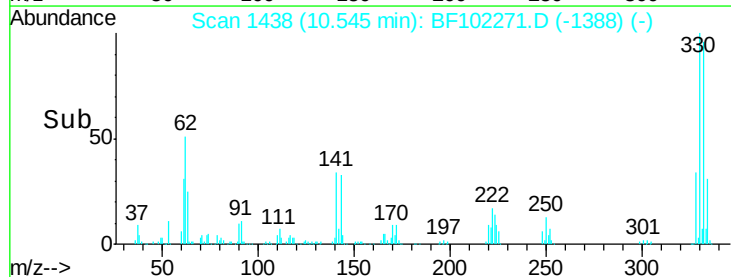
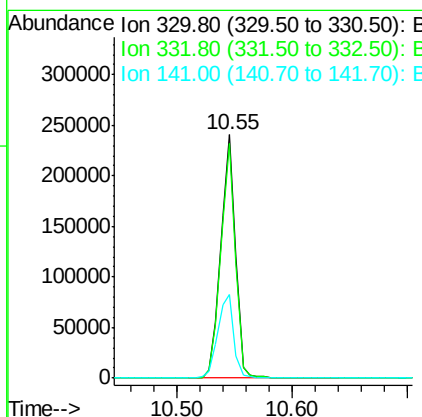
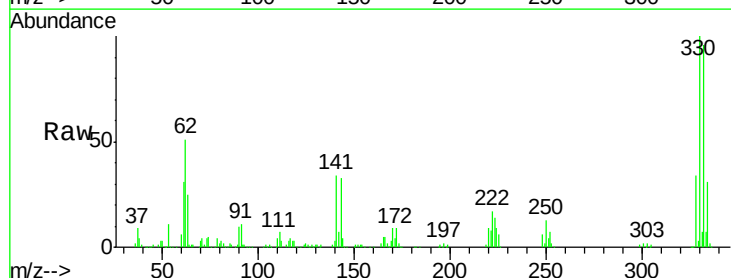
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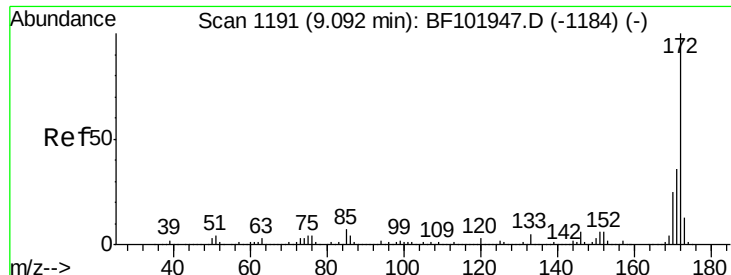
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#41
2,4,6-Tribromophenol
Concen: 94.35 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF102271.D
Acq: 20 Jan 2018 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	214364		
332	95.5		77.0	115.6
141	37.3		29.9	44.9





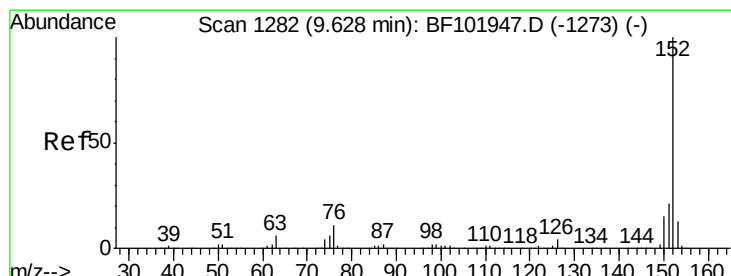
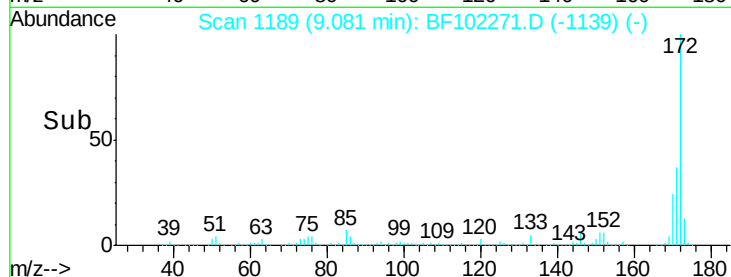
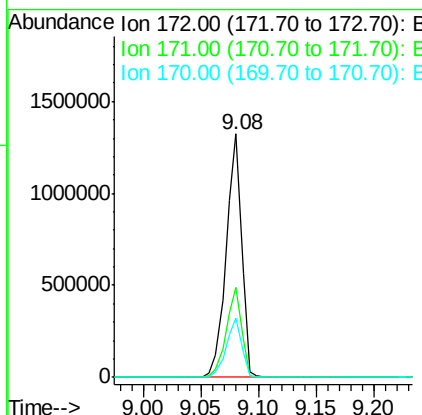
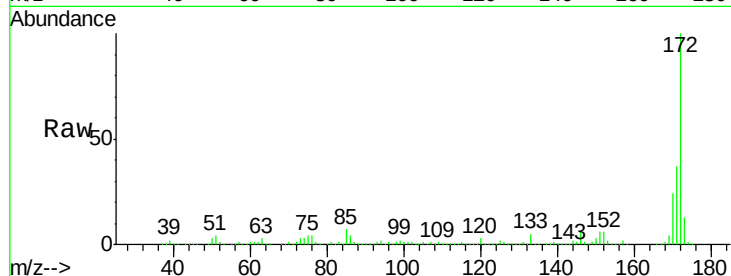
#44
2-Fluorobiphenyl
Concen: 73.47 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102271.D
Acq: 20 Jan 2018 17:41

Instrument :
BNA_F
ClientSampleId :
COMP-5

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.4	19.6	29.4

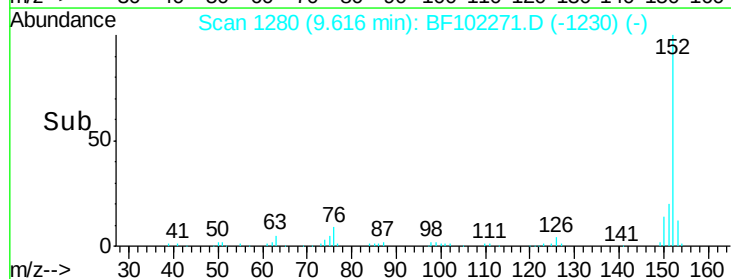
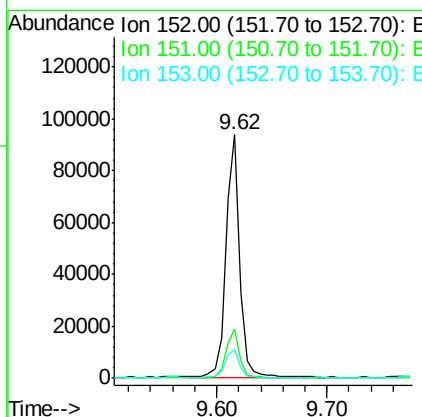
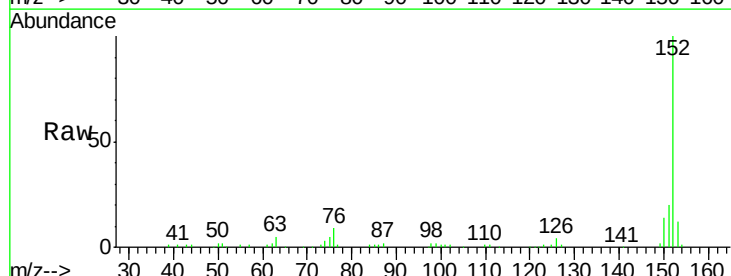
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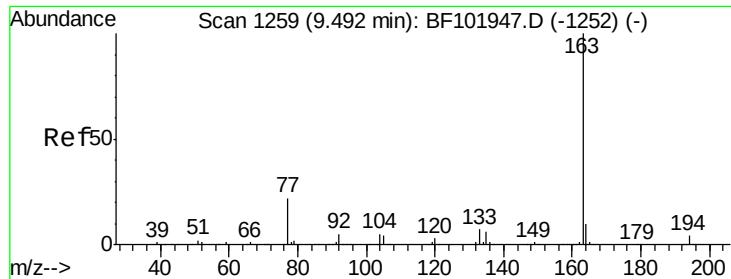
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#48
Acenaphthylene
Concen: 2.93 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF102271.D
Acq: 20 Jan 2018 17:41

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	12.0	10.7	16.1





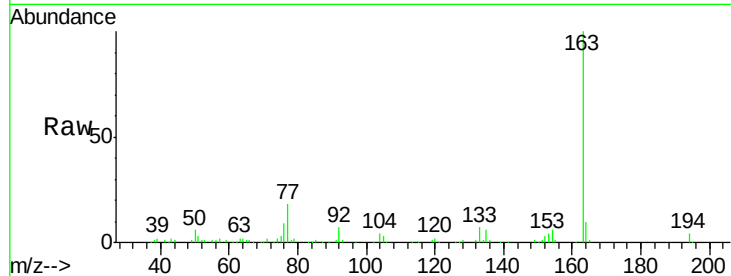
#49
Dimethylphthalate
Concen: 5.67 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102271.D
Acq: 20 Jan 2018 17:41

Instrument :
BNA_F
ClientSampled :
COMP-5

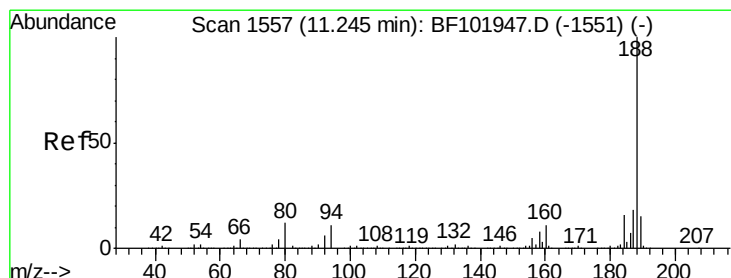
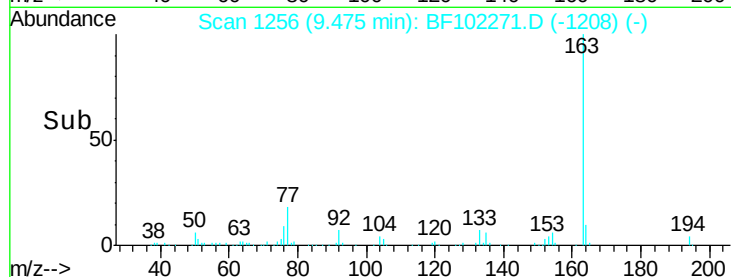
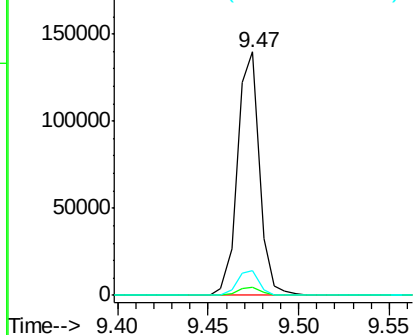
Tot Ion	Ratio	Resp	Lower	Upper
163	100	118418		
194	3.5	2.7	4.1	
164	10.0	8.2	12.2	

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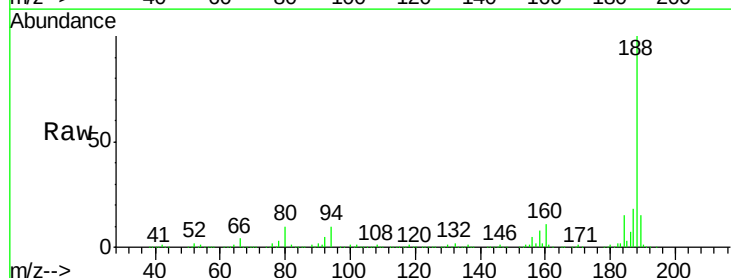


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

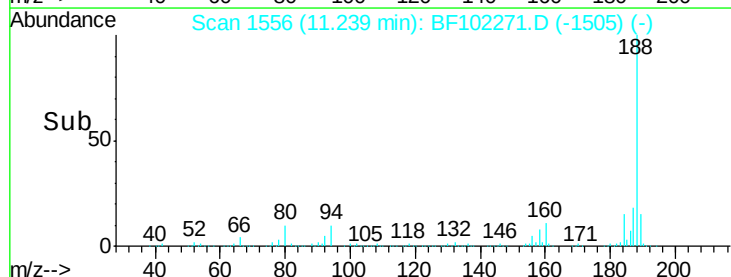
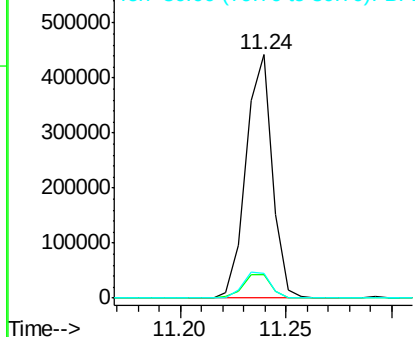


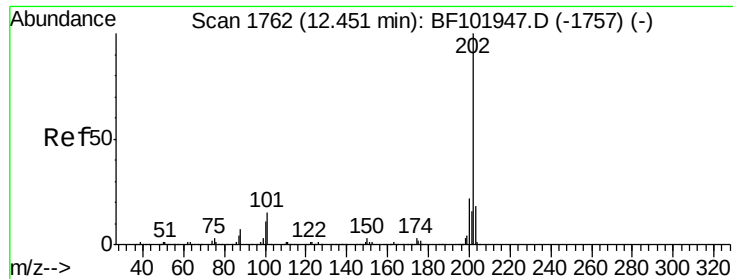
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102271.D
Acq: 20 Jan 2018 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	380653		
94	9.7	8.5	12.7	
80	10.3	9.2	13.8	



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





#74

Fluoranthene

Concen: 3.44 ng

RT: 12.45 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF102271.D

Acq: 20 Jan 2018 17:41

Instrument :

BNA_F

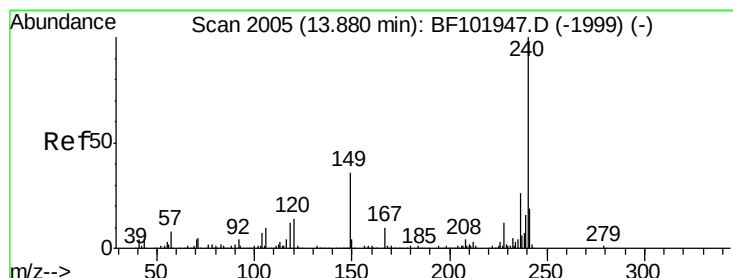
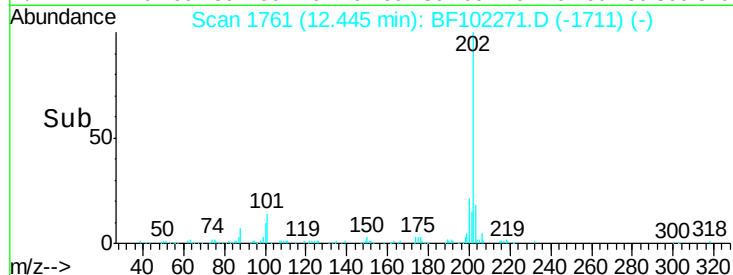
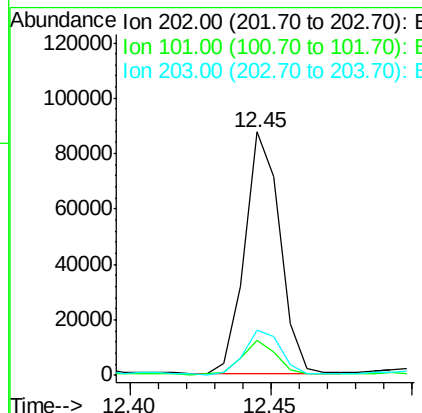
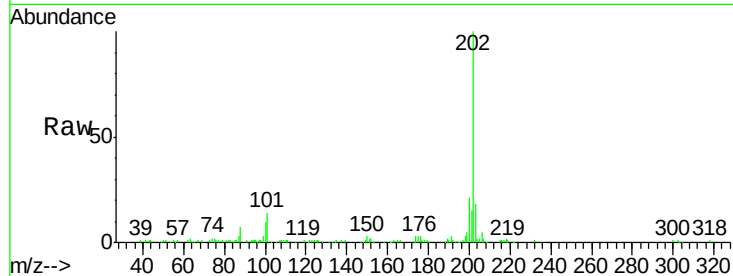
ClientSampleId :

COMP-5

Tot Ion:	202	Resp:	75332
Ion Ratio	Lower	Upper	
202	100		
101	14.1	0.0	34.1
203	18.5	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

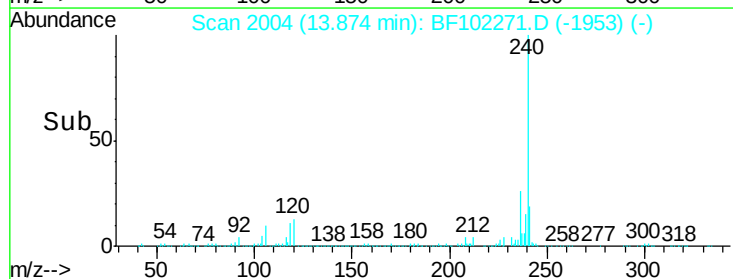
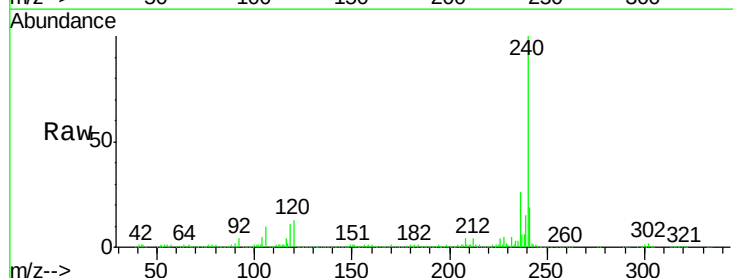
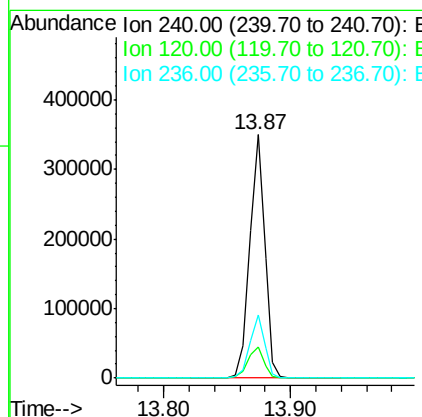
RT: 13.87 min Scan# 2004

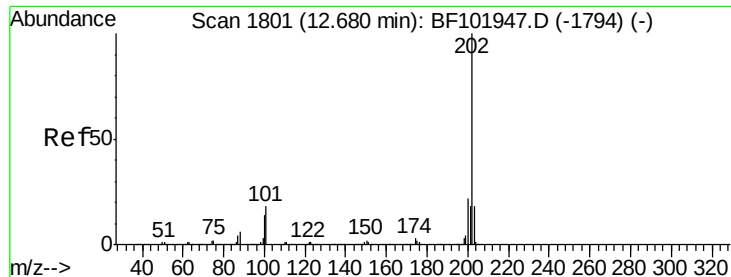
Delta R.T. 0.00 min

Lab File: BF102271.D

Acq: 20 Jan 2018 17:41

Tgt Ion:	240	Resp:	288839
Ion Ratio	Lower	Upper	
240	100		
120	13.0	9.5	14.3
236	26.0	20.7	31.1





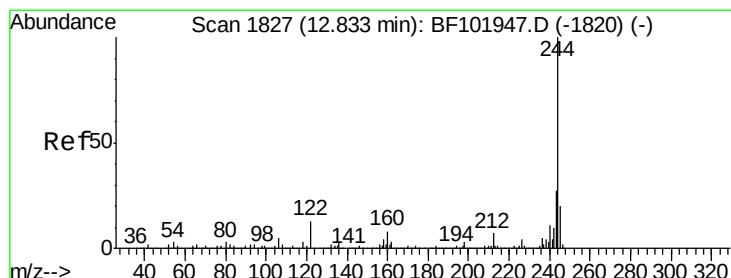
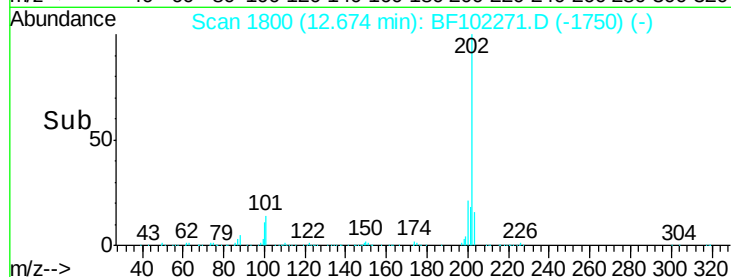
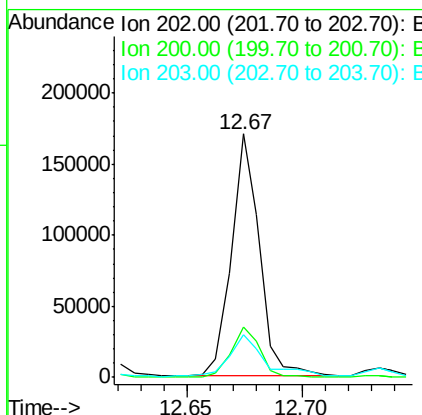
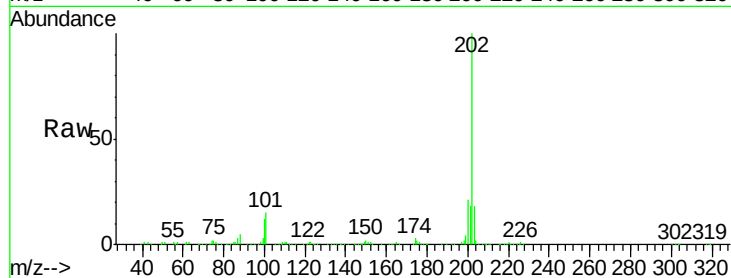
#77
Pvrene
Concen: 5.63 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF102271.D
Acq: 20 Jan 2018 17:41

Instrument :
BNA_F
ClientSampleId :
COMP-5

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	17.5	14.3	21.5

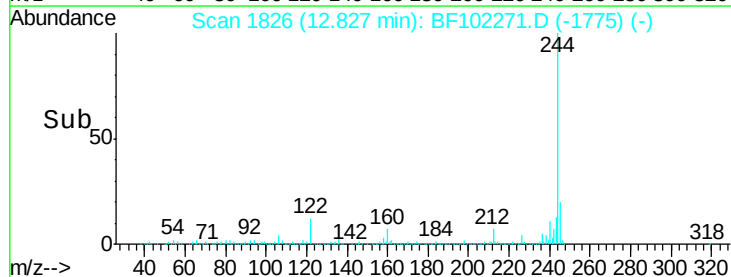
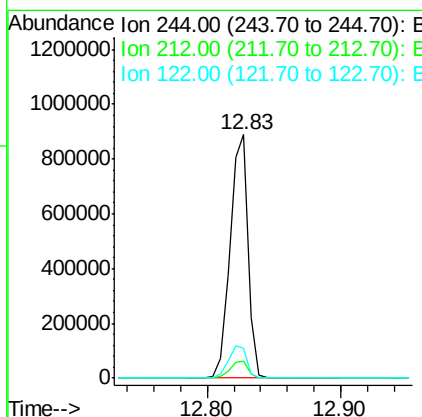
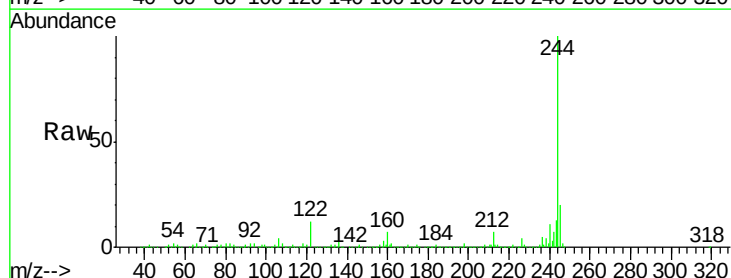
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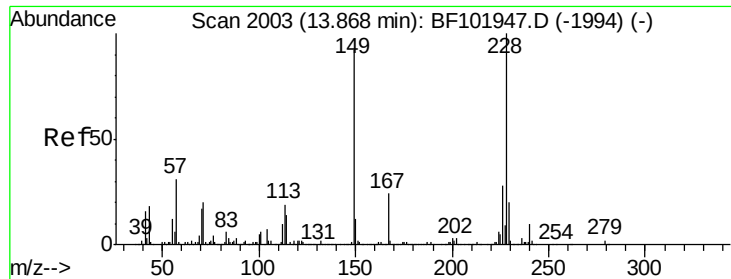
Sohil
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#78
Terphenyl-d14
Concen: 60.52 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF102271.D
Acq: 20 Jan 2018 17:41

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.3	11.0	16.4





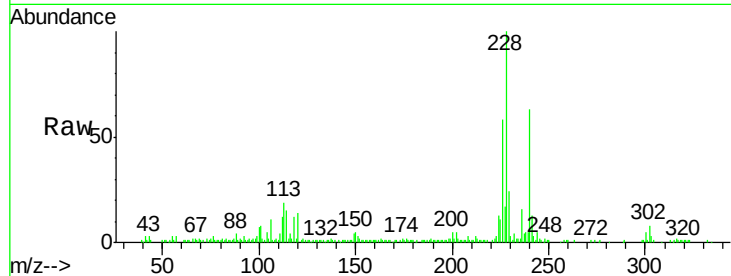
#80
Benzo(a)anthracene
Concen: 3.67 ng m
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF102271.D
Acq: 20 Jan 2018 17:41

Instrument :
BNA_F
ClientSampled :
COMP-5

Tot Ion	Ratio	Lower	Upper
228	100		
226	58.4	22.6	33.8#
229	23.8	15.8	23.6#

Manual Integrations
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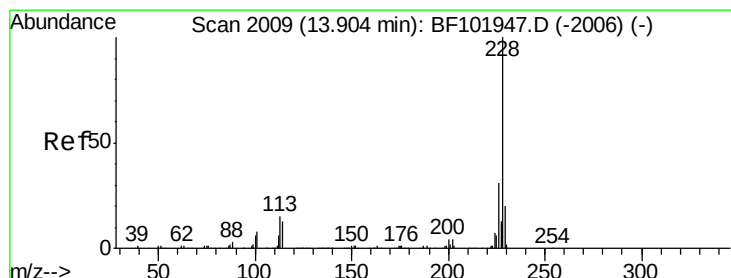
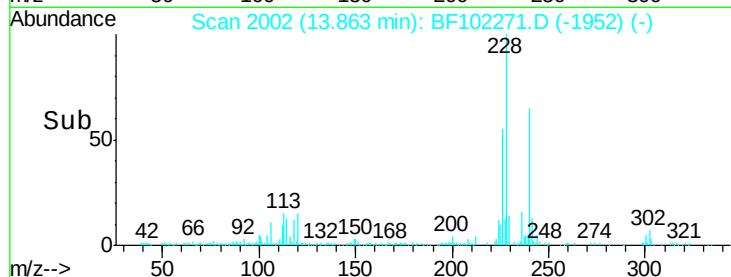
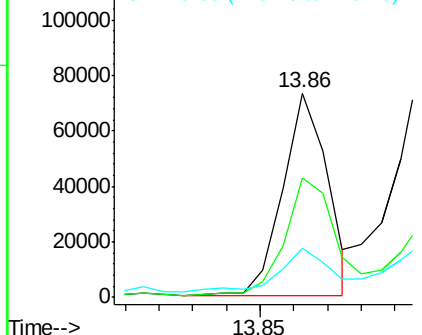


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
Chrysene
Concen: 4.39 ng m
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF102271.D
Acq: 20 Jan 2018 17:41

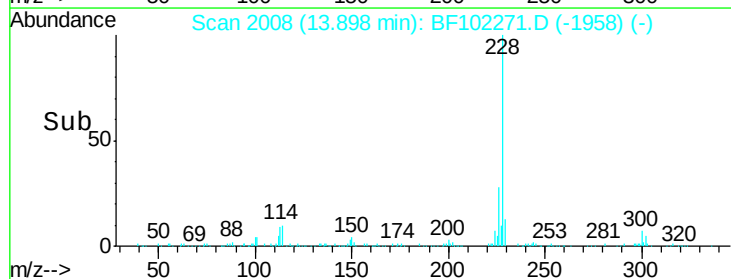
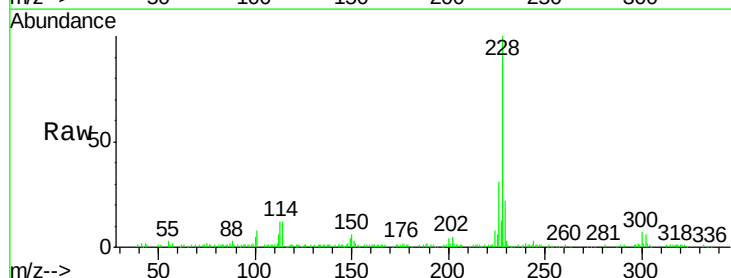
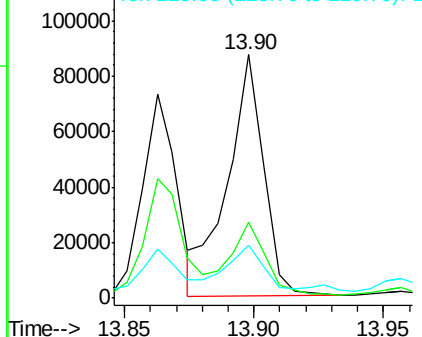
Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	21.8	16.2	24.4

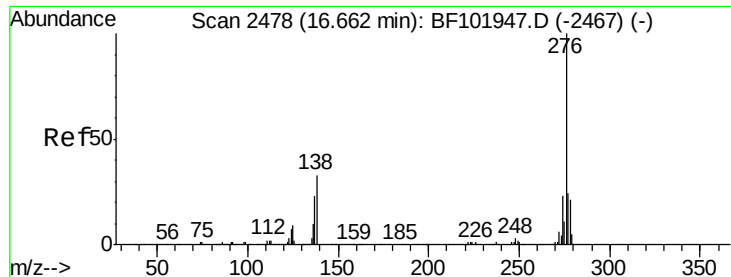
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





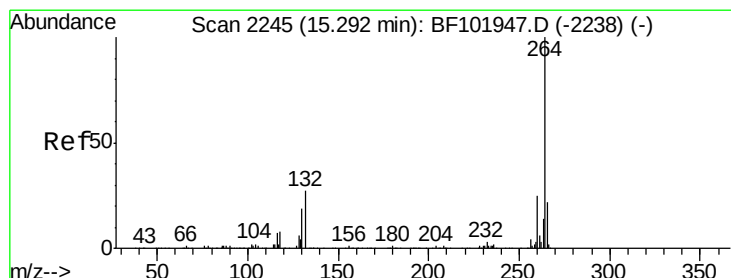
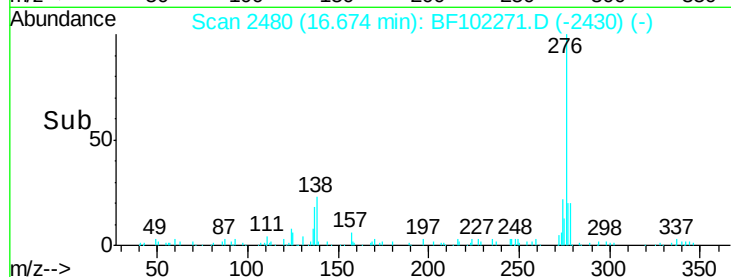
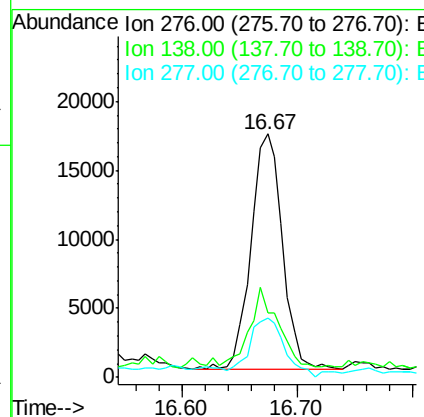
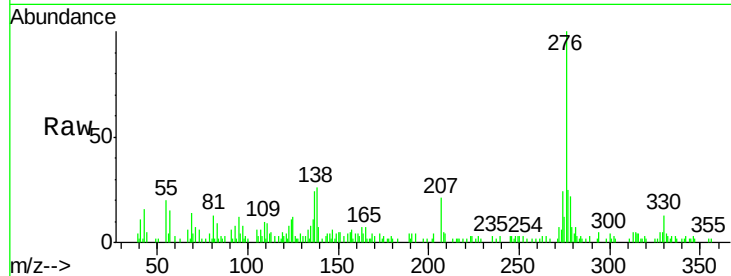
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.32 ng
RT: 16.67 min Scan# 2480
Delta R.T. -0.01 min
Lab File: BF102271.D
Acq: 20 Jan 2018 17:41

Instrument :
BNA_F
ClientSampleId :
COMP-5

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.2	25.0	37.6
277	28.5	20.1	30.1

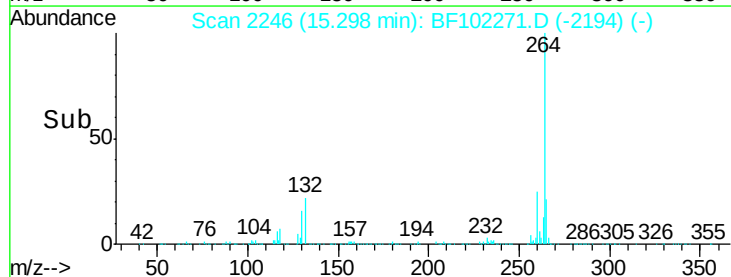
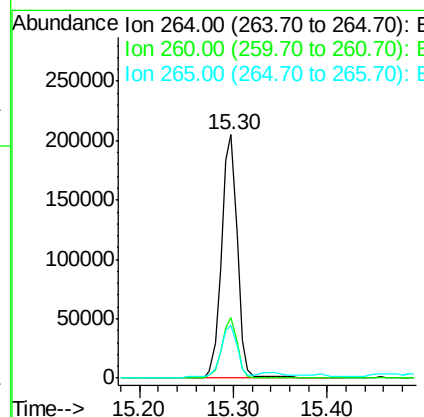
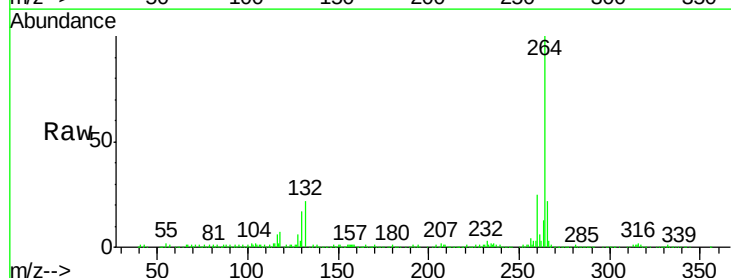
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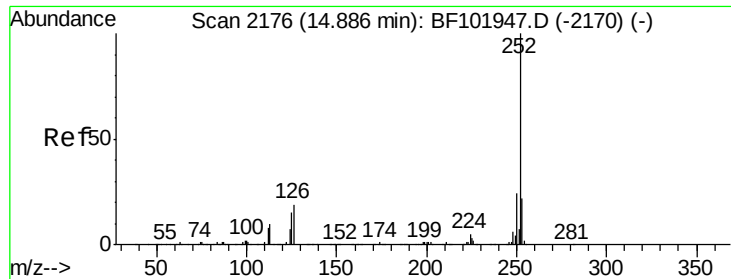
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.01 min
Lab File: BF102271.D
Acq: 20 Jan 2018 17:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.6	17.5	26.3





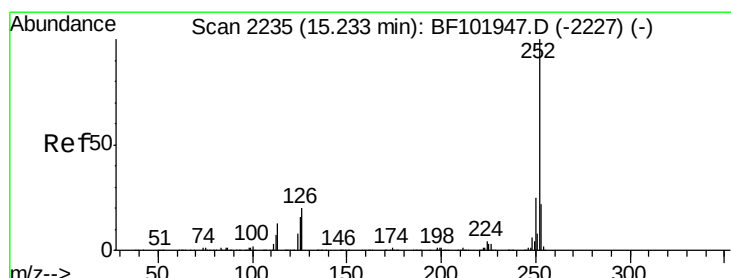
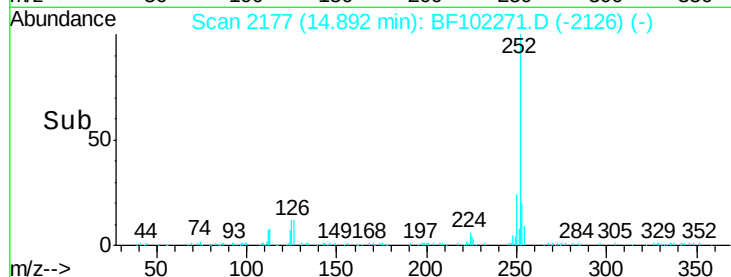
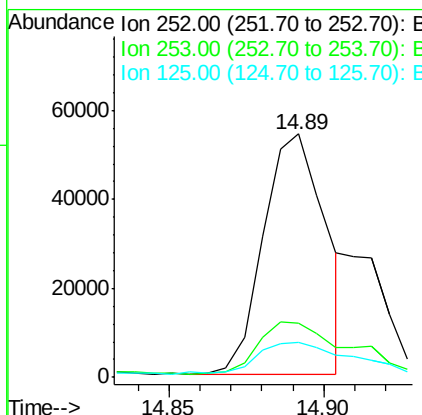
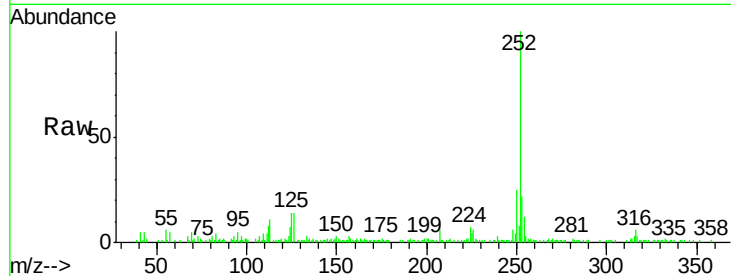
#87
Benzo(b)fluoranthene
Concen: 4.72 ng/ml
RT: 14.89 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BF102271.D
Acq: 20 Jan 2018 17:41

Instrument :
BNA_F
ClientSampleId :
COMP-5

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	14.1	9.0	13.6

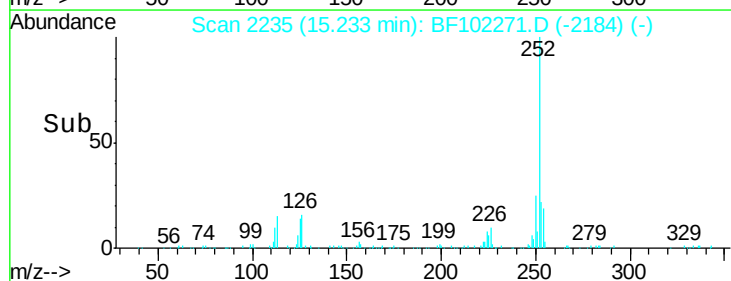
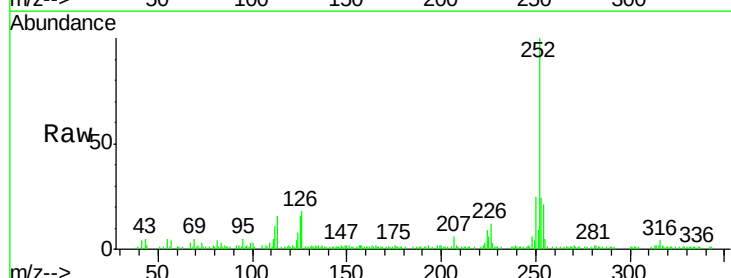
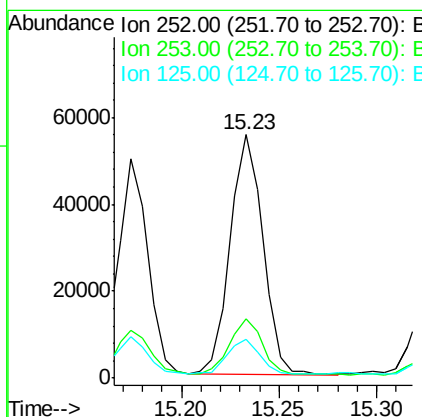
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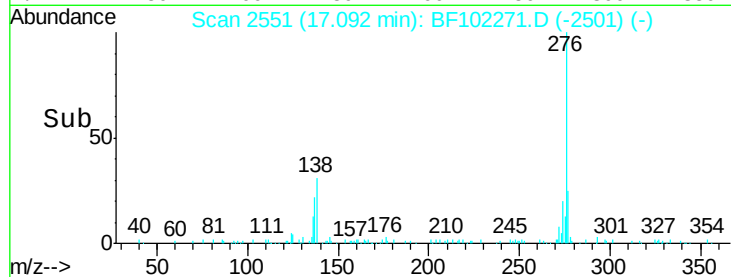
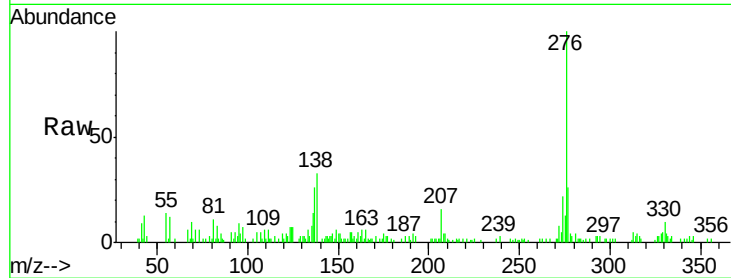
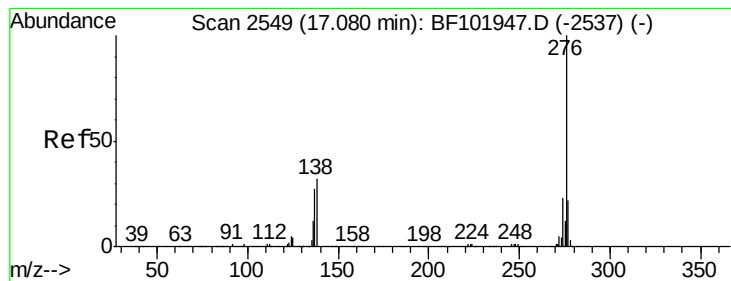
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#89
Benzo(a)pyrene
Concen: 4.51 ng/ml
RT: 15.23 min Scan# 2235
Delta R.T. 0.00 min
Lab File: BF102271.D
Acq: 20 Jan 2018 17:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.1	25.7
125	15.8	9.8	14.6





#91

Benzo(a,h,i)perylene

Concen: 3.70 ng

RT: 17.09 min Scan# 2551

Delta R.T. -0.01 min

Lab File: BF102271.D

Acq: 20 Jan 2018 17:41

Tot Ion:	276	Resp:	42663
Ion Ratio		Lower	Upper
276	100		
277	26.0	17.9	26.9
138	32.8	21.8	32.8#

Instrument :

BNA_F

ClientSampleId :

COMP-5

Manual Integrations
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