

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
 Data File : BF101122.D
 Acq On : 5 Dec 2017 14:15
 Operator : SJ/JU
 Sample : I6718-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-4651

Manual Integrations
 APPROVED

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 12/6/2017 5:12:22 PM

Quant Time: Dec 05 15:51:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	59246	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	229023	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	107375	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	204945	20.00	ng	0.00
75) Chrysene-d12	14.02	240	138274	20.00	ng	0.00
86) Perylene-d12	15.49	264	125143	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	454012	126.63	ng	0.01
7) Phenol-d6	6.49	99	541451	124.39	ng	0.00
23) Nitrobenzene-d5	7.42	82	335751	87.45	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	155159	120.29	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	708432	90.27	ng	0.00
78) Terphenyl-d14	12.96	244	670228	106.02	ng	0.00
Target Compounds						
10) Phenol	6.50	94	12413	2.565	ng	97
49) Dimethylphthalate	9.60	163	86426	9.980	ng	99
70) Phenanthrene	11.40	178	52310	4.635	ng	96
74) Fluoranthene	12.59	202	72622	5.805	ng	95
77) Pyrene	12.82	202	81689	8.562	ng	99
80) Benzo(a)anthracene	14.01	228	31849	3.648	ng	98
82) Chrysene	14.04	228	34358	4.237	ng	96
87) Benzo(b)fluoranthene	15.06	252	25848m	3.448	ng	
89) Benzo(a)pyrene	15.43	252	21782	3.196	ng	98
91) Benzo(g,h,i)perylene	17.42	276	14173	2.503	ng	96

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

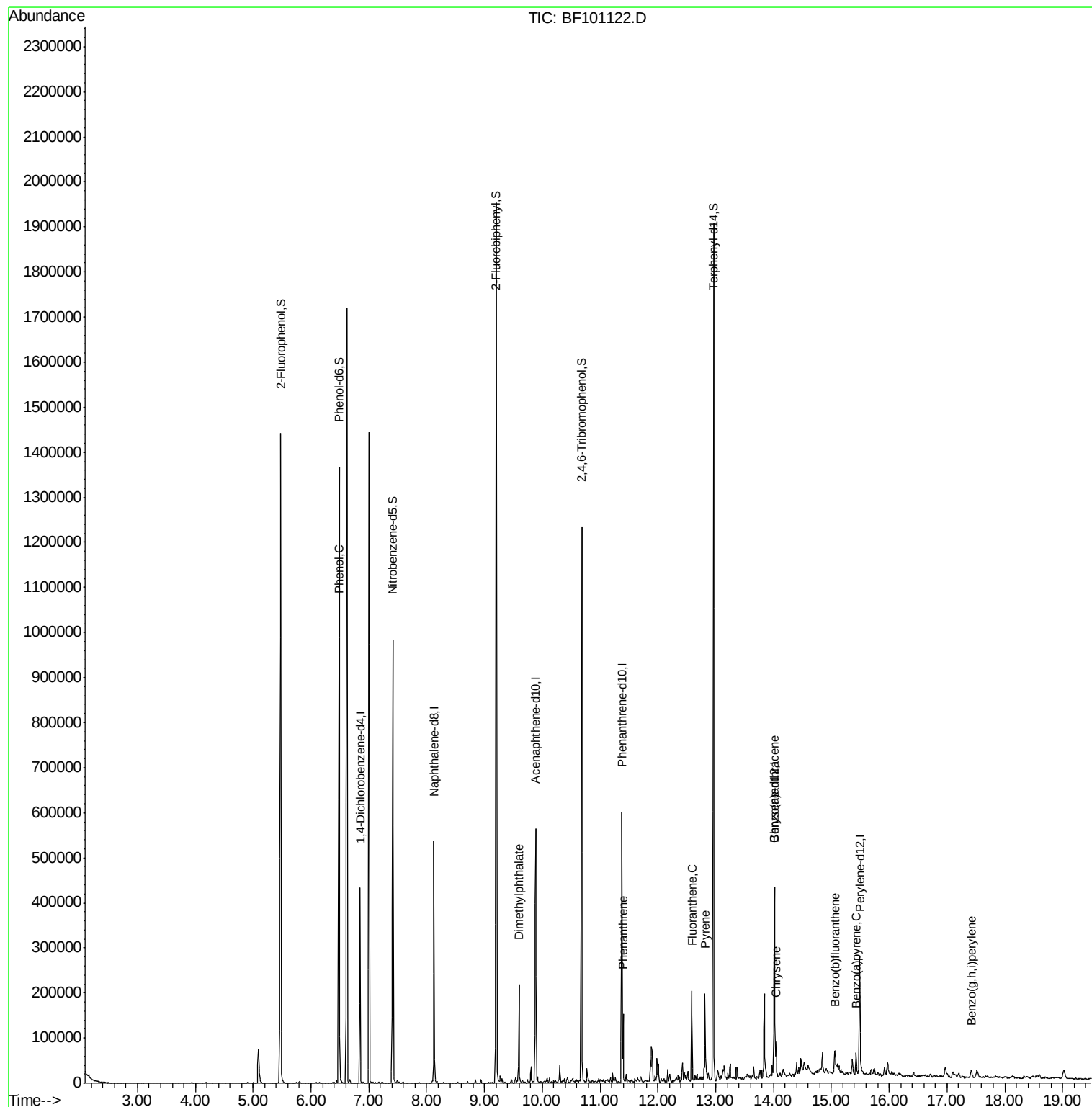
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
Data File : BF101122.D
Acq On : 5 Dec 2017 14:15
Operator : SJ/JU
Sample : I6718-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

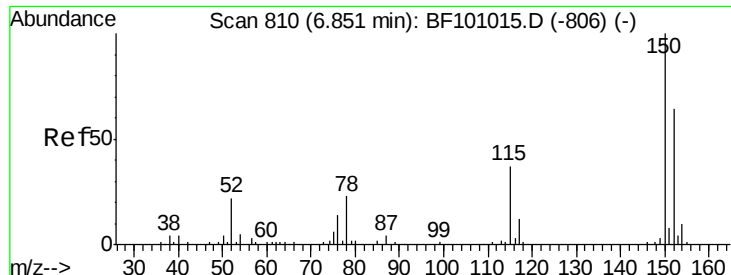
Instrument :
BNA_F
ClientSampleId :
RT-4651

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Quant Time: Dec 05 15:51:10 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:07:49 2017
Response via : Initial Calibration





#1

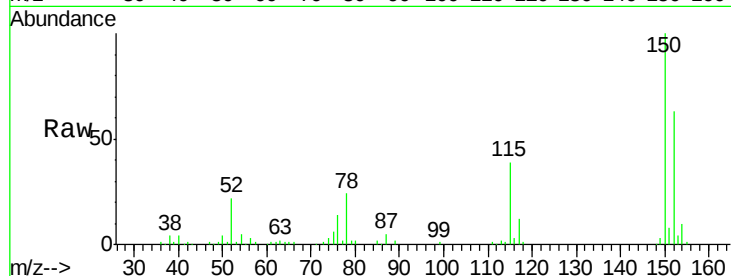
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101122.D
Acq: 5 Dec 2017 14:15

Instrument :
BNA_F
ClientSampleId :
RT-4651

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	61.9	50.1	75.1

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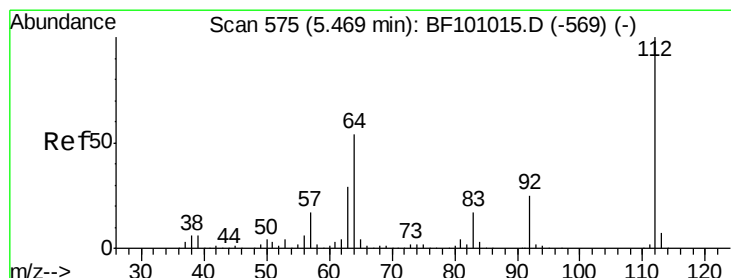
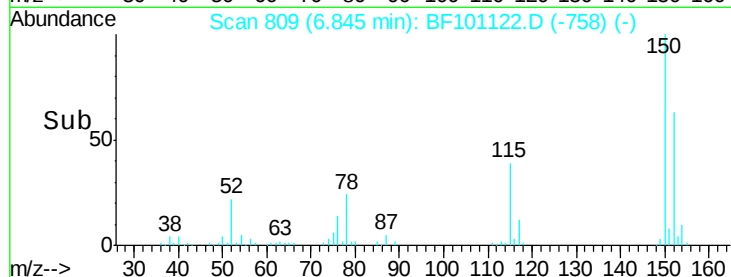
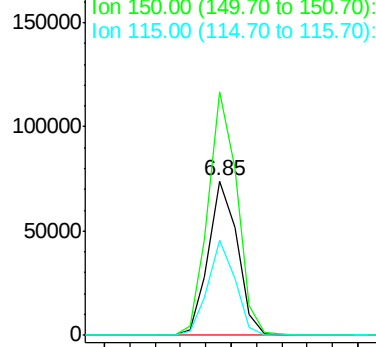


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

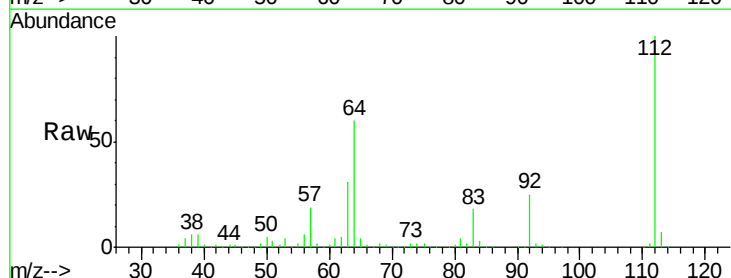
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 126.630 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF101122.D
Acq: 5 Dec 2017 14:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	47.9	71.9
63	31.5	23.7	35.5

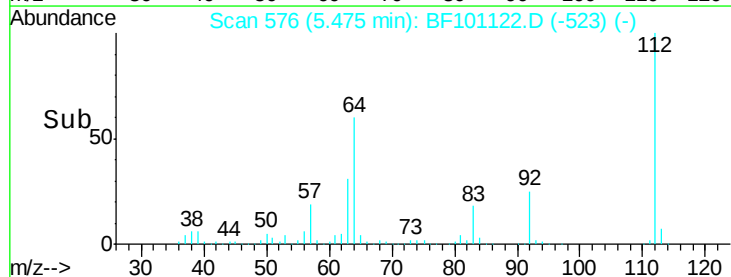
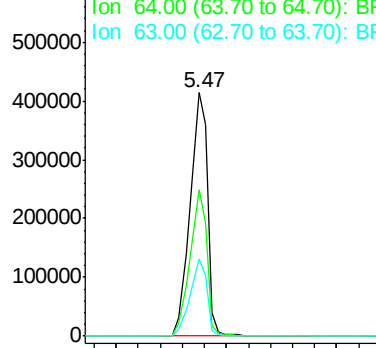


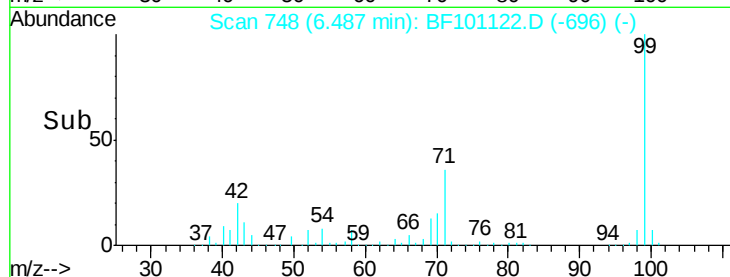
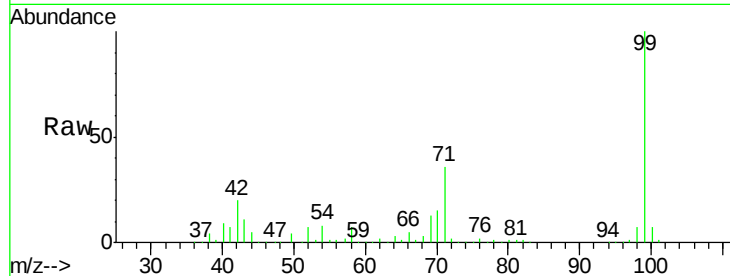
Abundance

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: 124.387 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101122.D

Acq: 5 Dec 2017 14:15

Tot Ion:	99	Resp:	541451
Ion Ratio	Lower	Upper	
99	100		
42	20.1	14.5	21.7
71	35.5	25.4	38.0

Instrument :

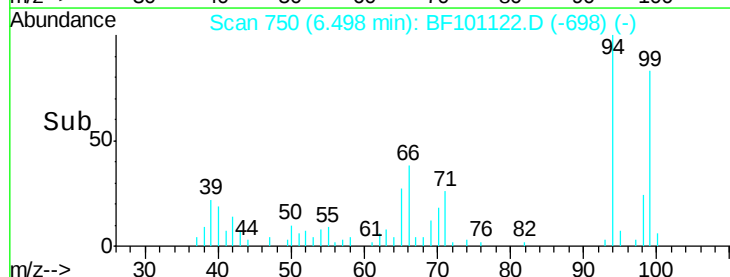
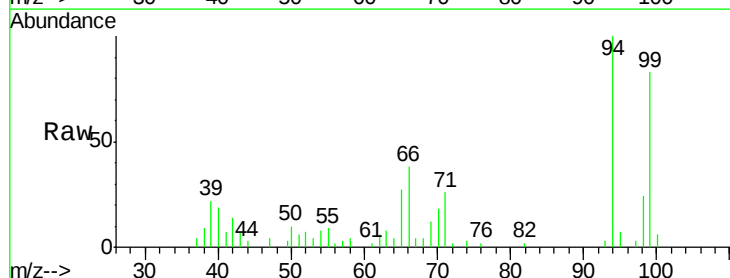
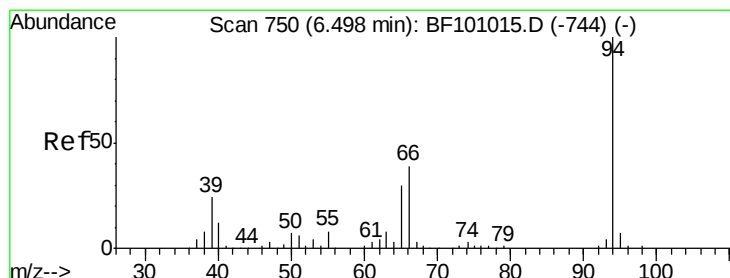
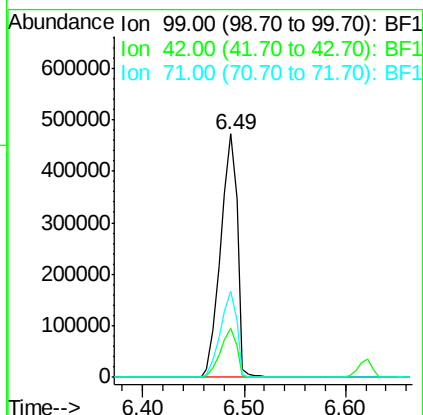
BNA_F

ClientSampled :

RT-4651

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#10

Phenol

Concen: 2.565 ng

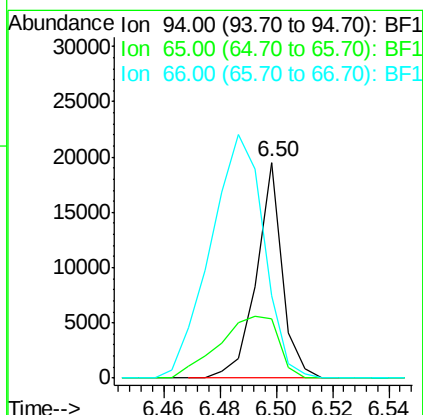
RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF101122.D

Acq: 5 Dec 2017 14:15

Tgt Ion:	94	Resp:	12413
Ion Ratio	Lower	Upper	
94	100		
65	27.3	7.9	47.9
66	38.3	16.2	56.2





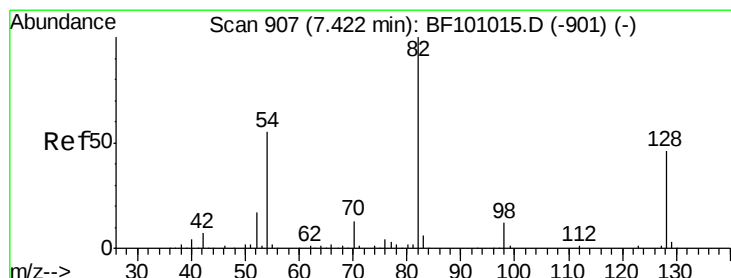
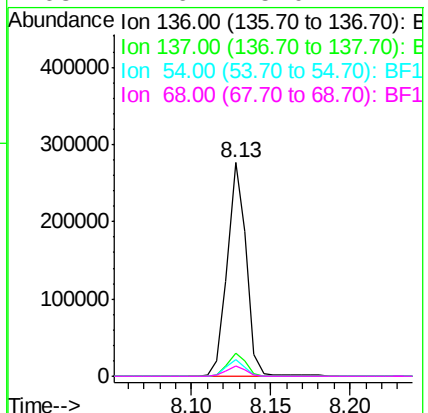
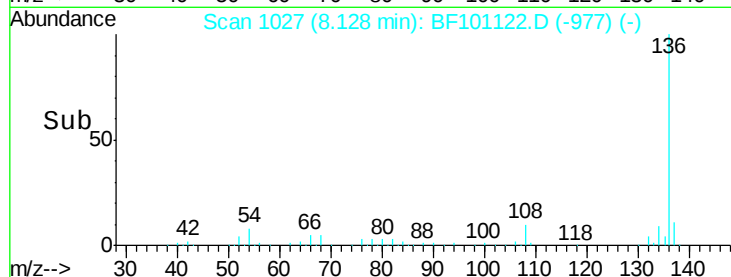
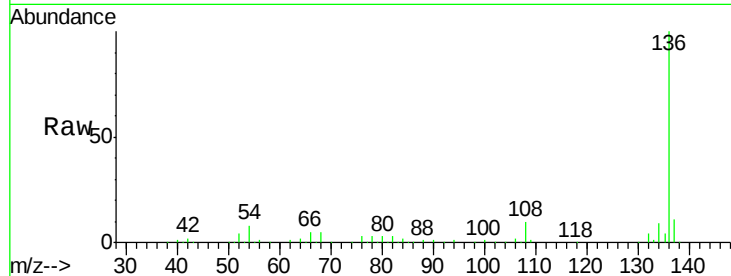
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101122.D
Acq: 5 Dec 2017 14:15

Instrument :
BNA_F
ClientSampleId :
RT-4651

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		229023		
137	10.8		8.9	13.3	
54	7.8		6.6	9.8	
68	4.6		5.0	7.4	

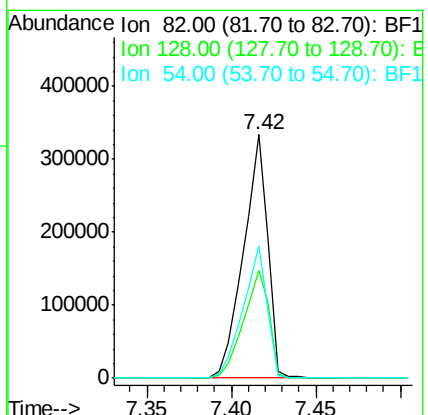
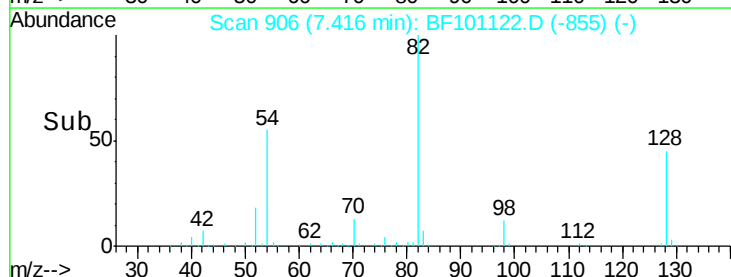
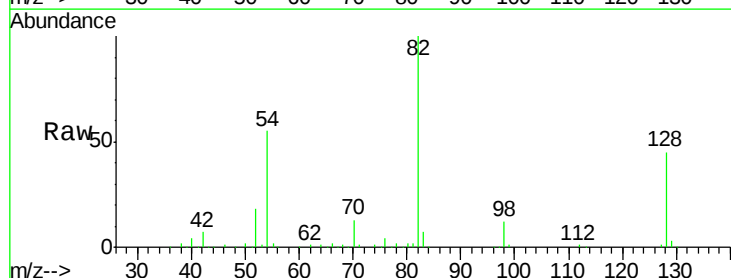
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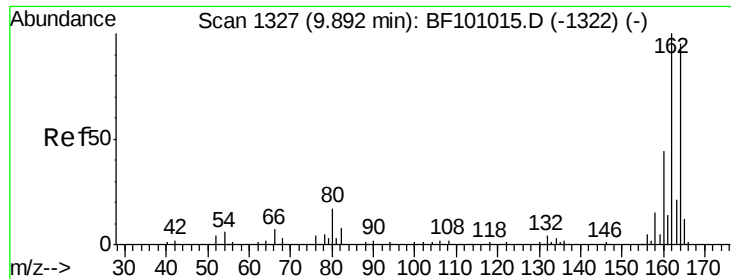
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#23
Nitrobenzene-d5
Concen: 87.452 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF101122.D
Acq: 5 Dec 2017 14:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		335751		
128	44.6		36.1	54.1	
54	54.5		41.4	62.2	





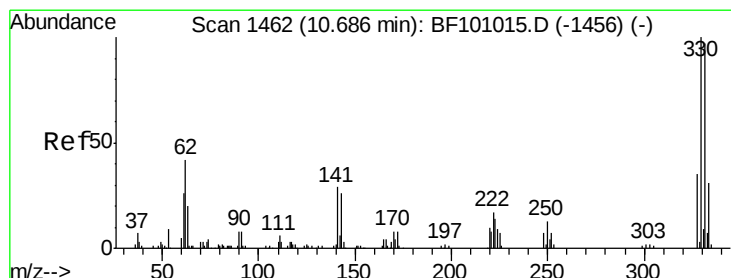
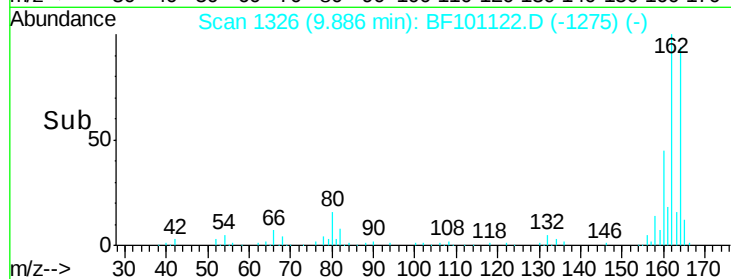
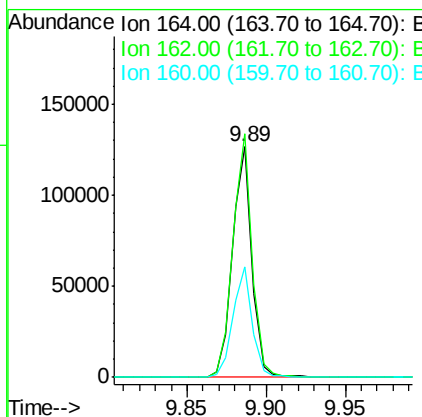
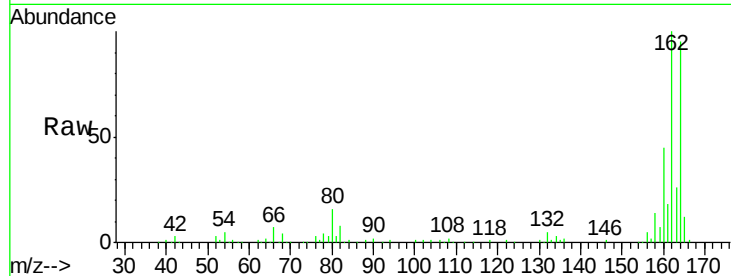
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF101122.D
 Acq: 5 Dec 2017 14:15

Instrument :
 BNA_F
 ClientSampleId :
 RT-4651

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.5	86.1	129.1	
160	47.6	38.3	57.5	

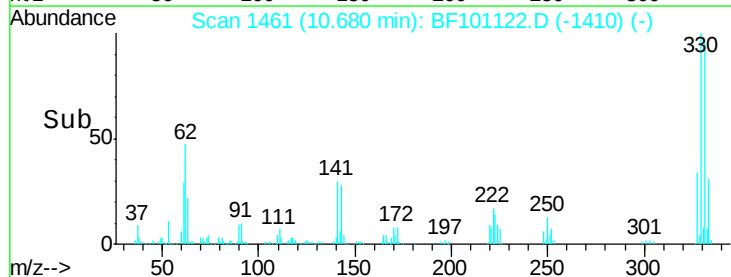
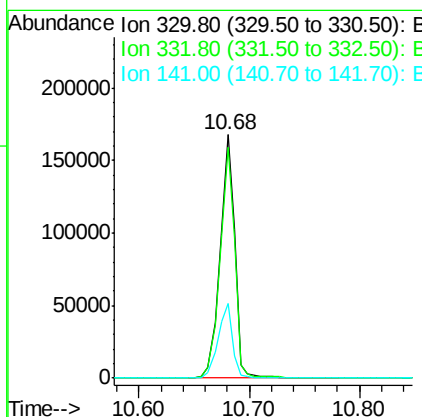
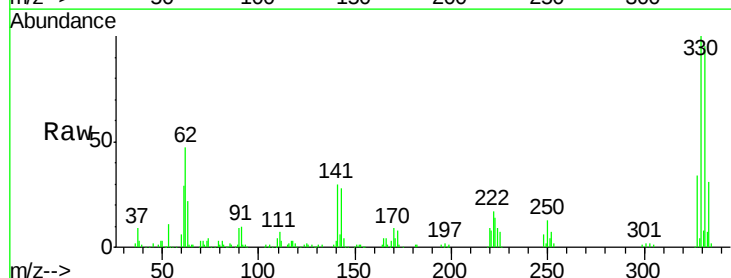
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#41
 2,4,6-Tribromophenol
 Concen: 120.290 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BF101122.D
 Acq: 5 Dec 2017 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.0	77.0	115.6	
141	30.2	29.9	44.9	





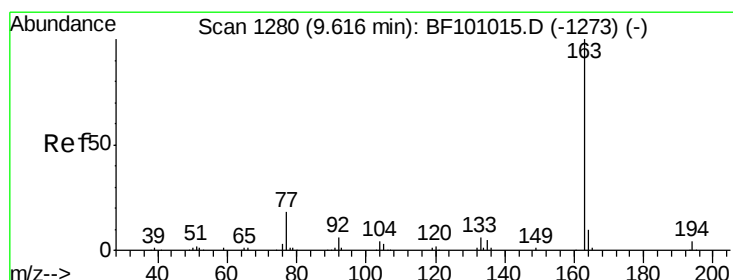
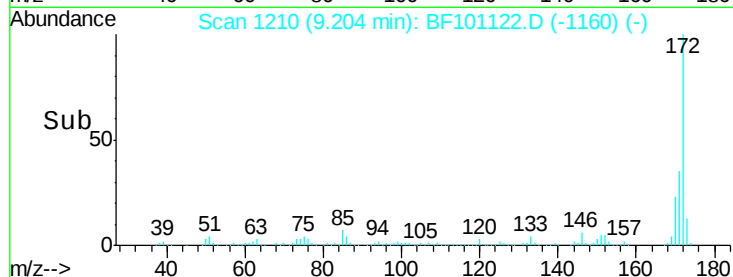
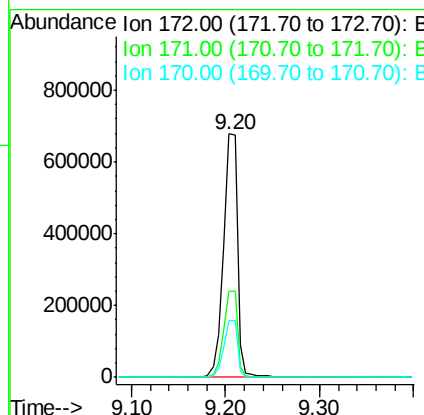
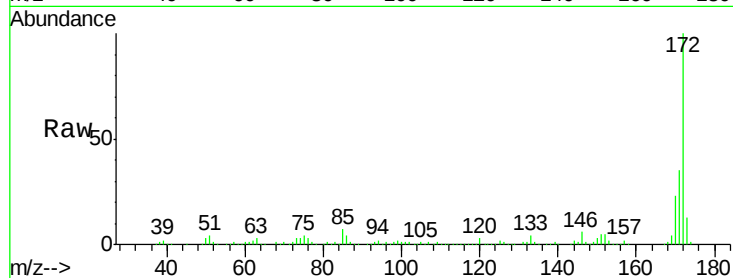
#44
2-Fluorobiphenyl
Concen: 90.270 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101122.D
Acq: 5 Dec 2017 14:15

Instrument :
BNA_F
ClientSampleId :
RT-4651

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.4	29.7	44.5	
170	23.3	19.6	29.4	

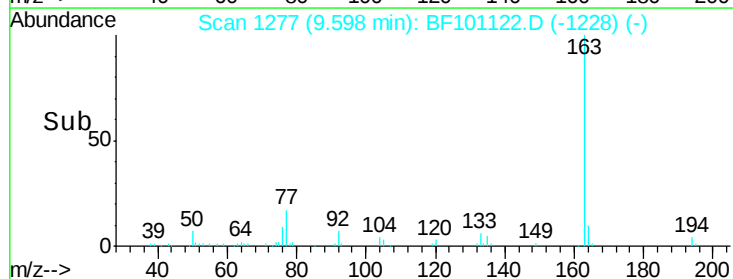
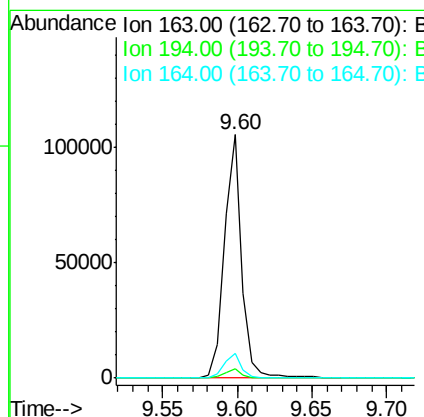
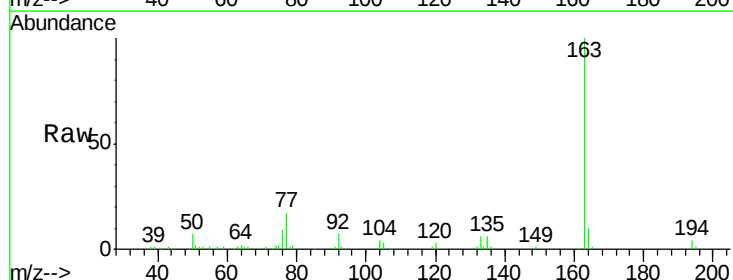
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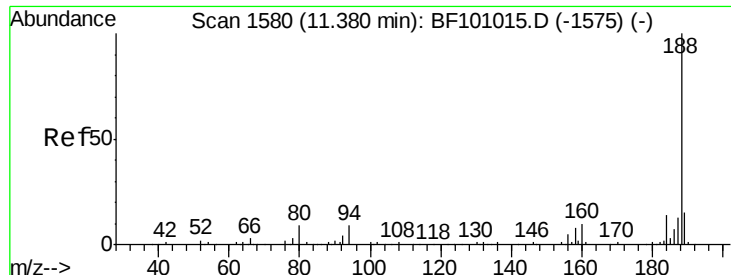
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#49
Dimethylphthalate
Concen: 9.980 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101122.D
Acq: 5 Dec 2017 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.0	2.7	4.1	
164	10.3	8.2	12.2	





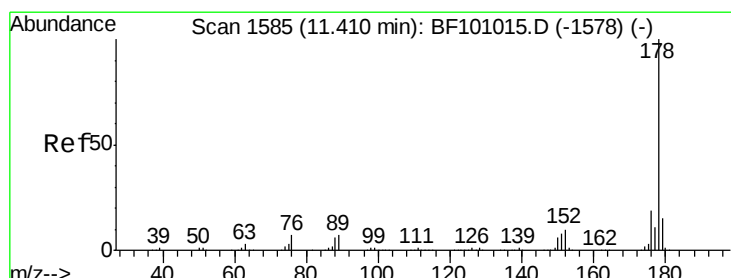
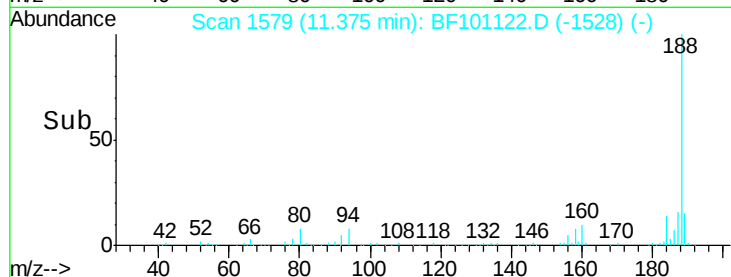
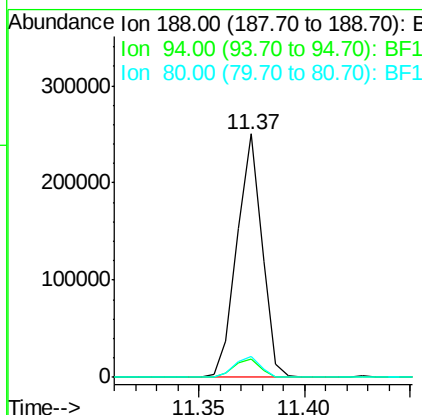
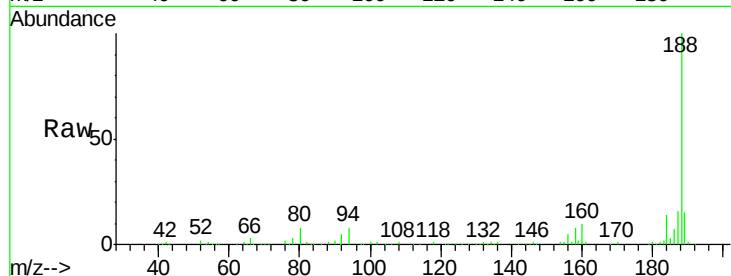
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101122.D
Acq: 5 Dec 2017 14:15

Instrument :
BNA_F
ClientSampleId :
RT-4651

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.5	8.5	12.7#
80	8.4	9.2	13.8#

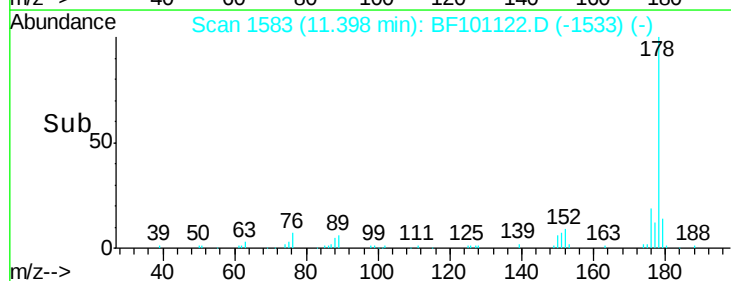
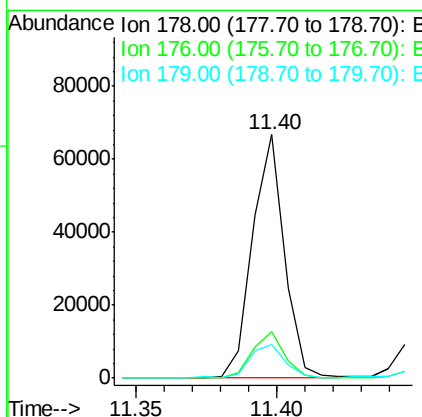
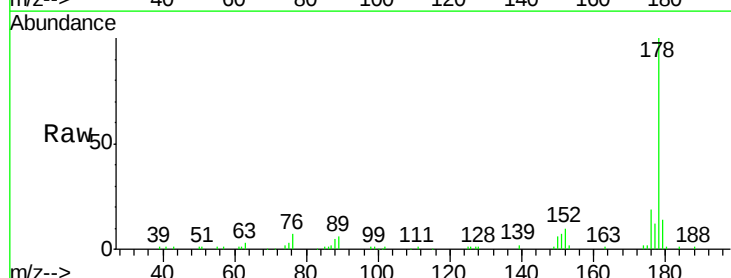
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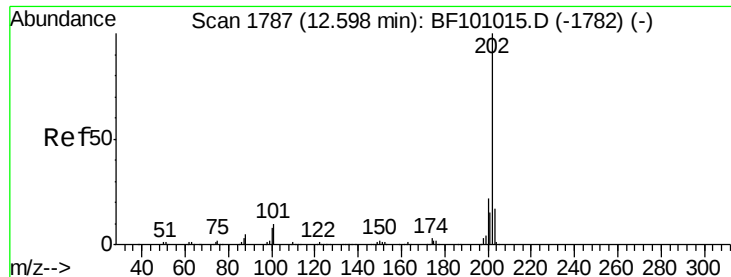
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#70
Phenanthrene
Concen: 4.635 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF101122.D
Acq: 5 Dec 2017 14:15

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.9	15.8	23.8
179	13.9	13.0	19.6





#74

Fluoranthene

Concen: 5.805 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BF101122.D

Acq: 5 Dec 2017 14:15

Instrument :

BNA_F

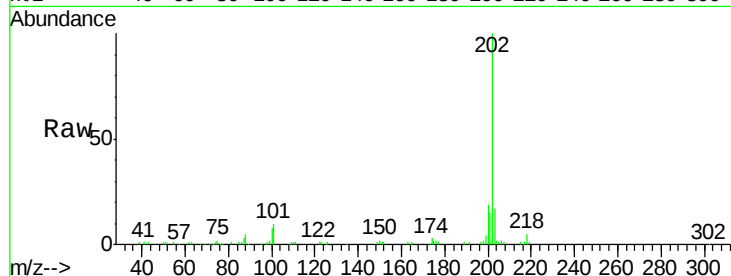
ClientSampled :

RT-4651

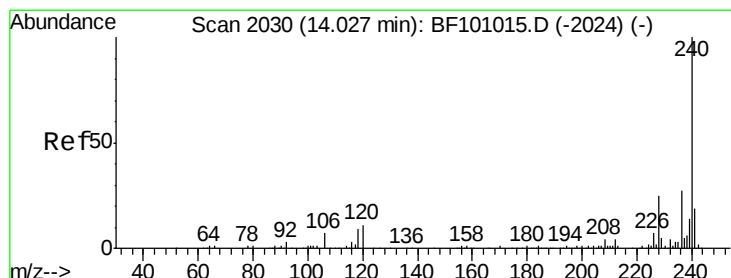
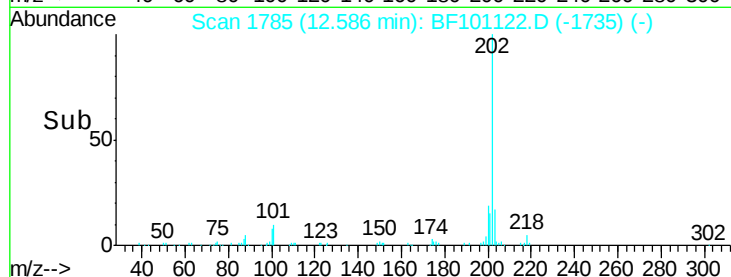
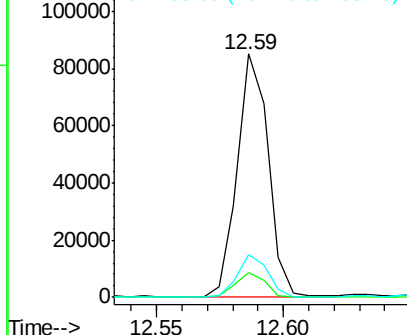
Tot Ion:	202	Resp:	72622
Ion Ratio	Lower	Upper	
202	100		
101	10.3	0.0	34.1
203	17.3	0.0	38.1

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

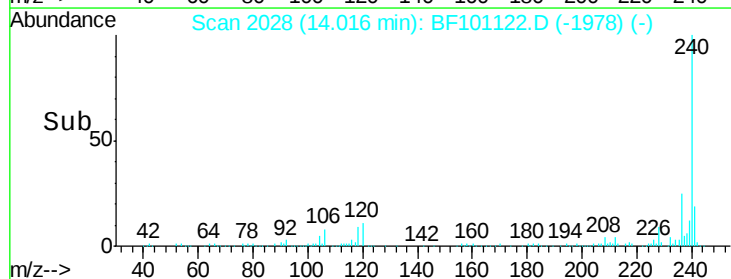
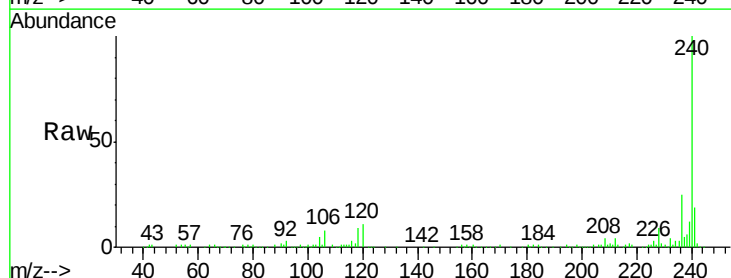
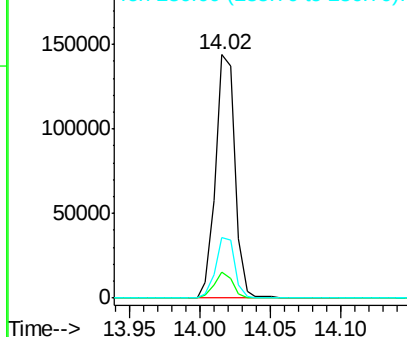
Delta R.T. -0.01 min

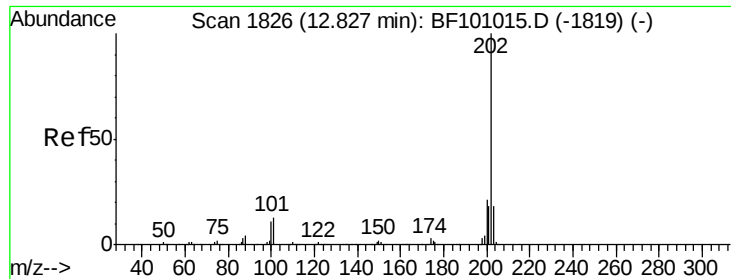
Lab File: BF101122.D

Acq: 5 Dec 2017 14:15

Tgt Ion:	240	Resp:	138274
Ion Ratio	Lower	Upper	
240	100		
120	10.9	9.5	14.3
236	24.9	20.7	31.1

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





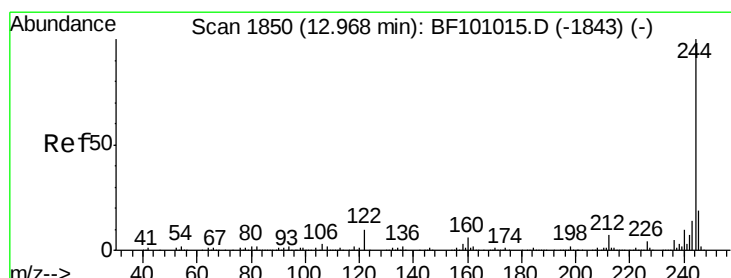
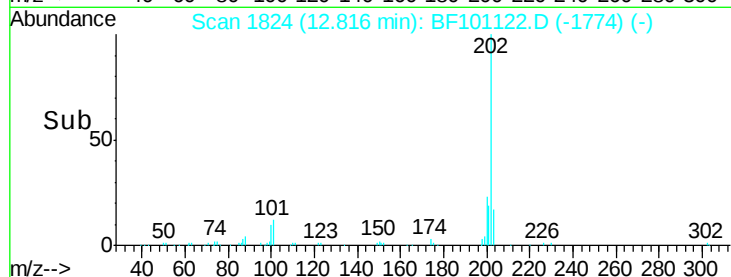
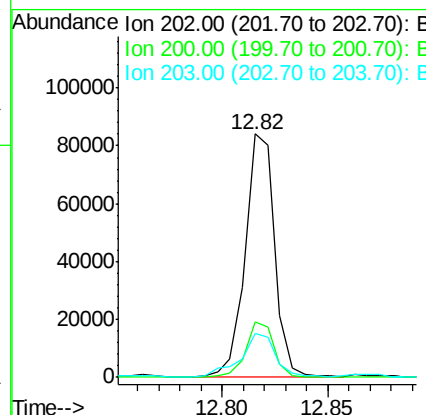
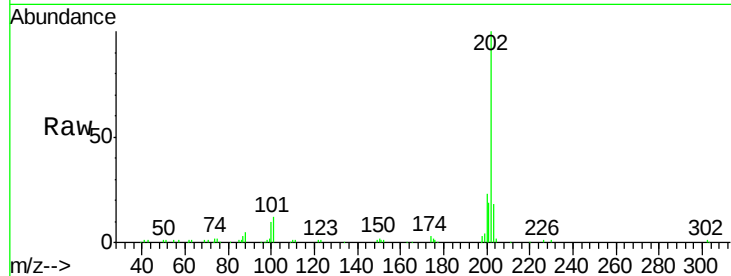
#77
Pvrene
Concen: 8.562 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF101122.D
Acq: 5 Dec 2017 14:15

Instrument :
BNA_F
ClientSampled :
RT-4651

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.4	26.2
203	18.2	14.3	21.5

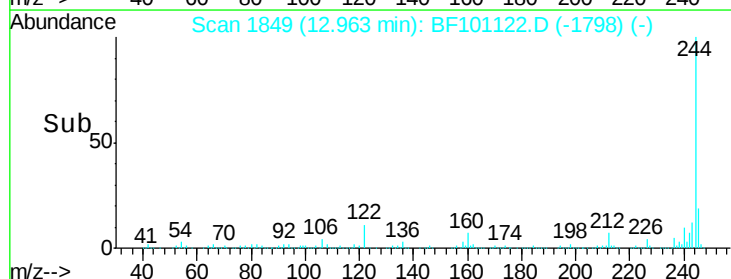
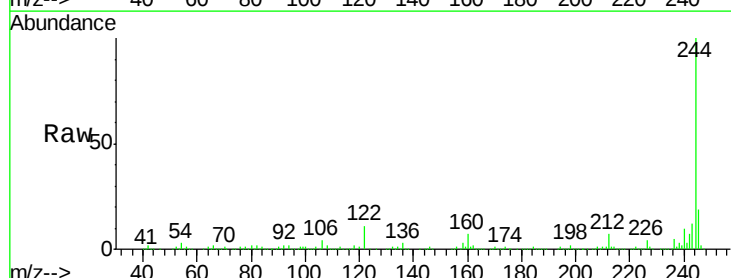
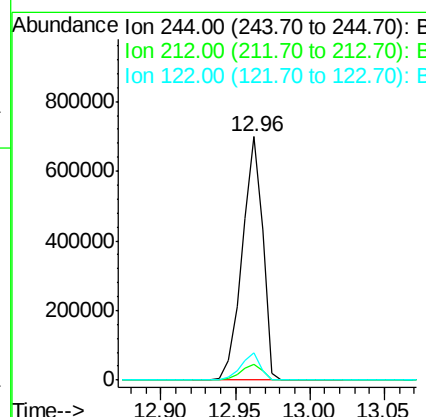
Manual Integrations
APPROVED

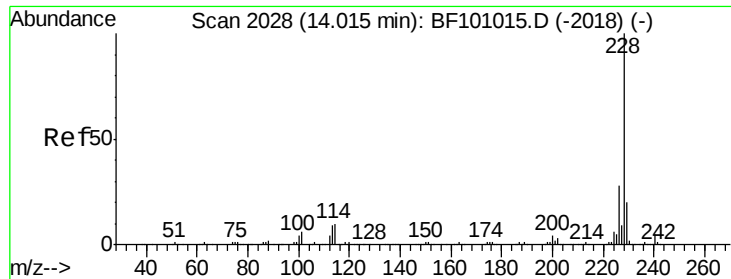
Sohil
12/6/2017 5:12:22 PM



#78
Terphenyl-d14
Concen: 106.019 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.00 min
Lab File: BF101122.D
Acq: 5 Dec 2017 14:15

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.1	11.0	16.4





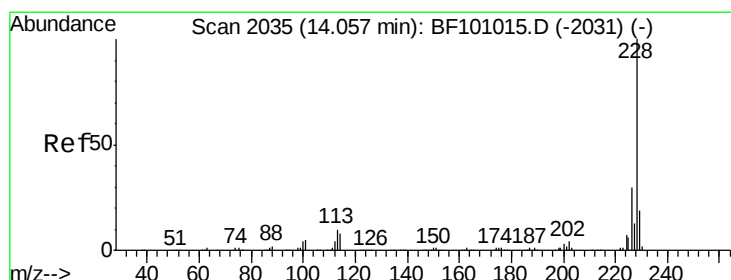
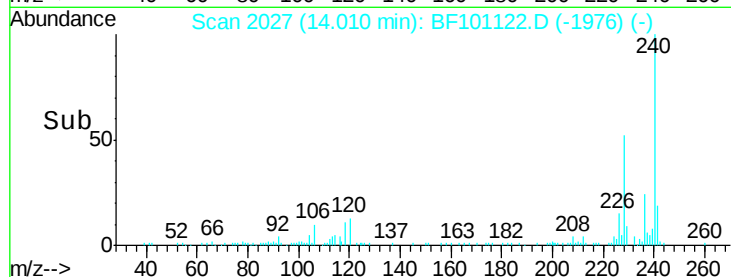
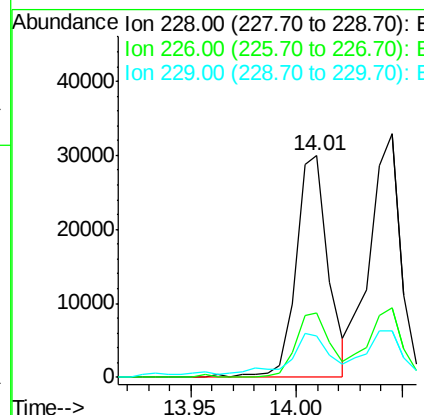
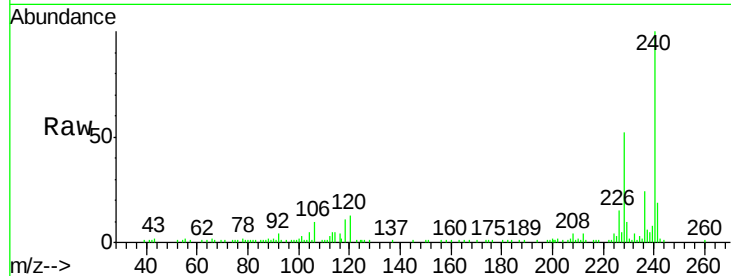
#80
Benzo(a)anthracene
Concen: 3.648 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF101122.D
Acq: 5 Dec 2017 14:15

Instrument :
BNA_F
ClientSampleId :
RT-4651

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	33.8
229	18.9	15.8	23.6

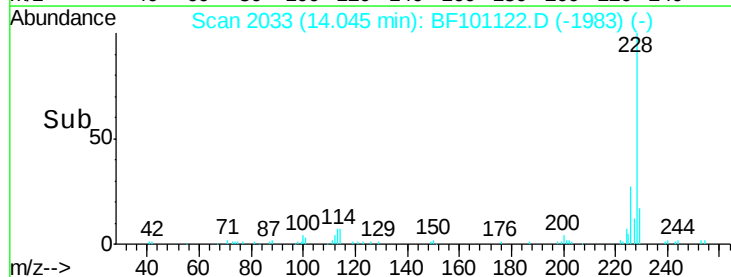
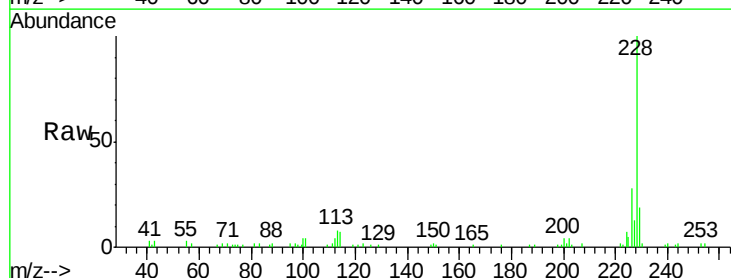
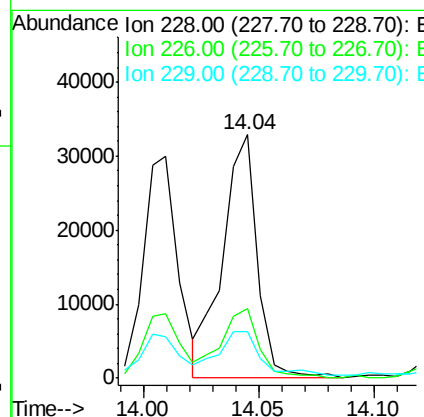
Manual Integrations
APPROVED

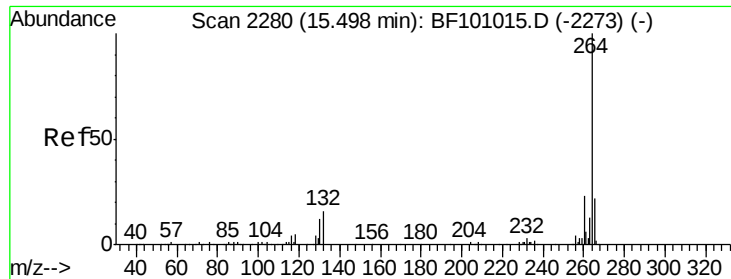
Sohil
12/6/2017 5:12:22 PM



#82
Chrysene
Concen: 4.237 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF101122.D
Acq: 5 Dec 2017 14:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	25.0	37.6
229	19.2	16.2	24.4





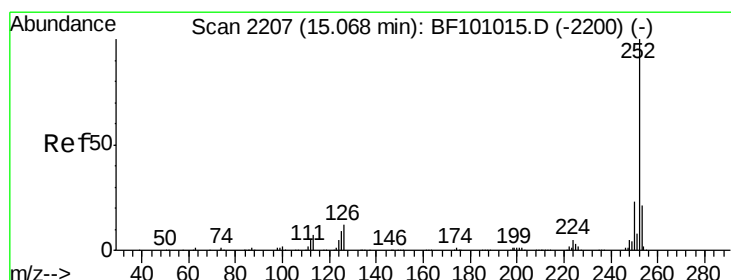
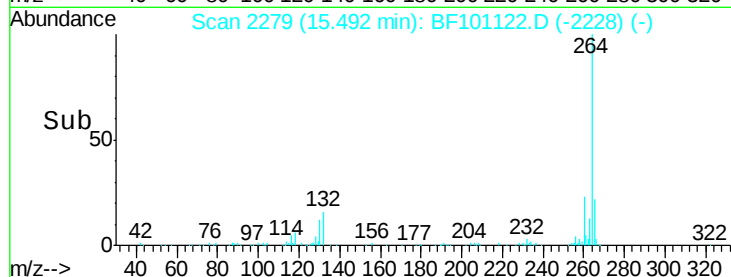
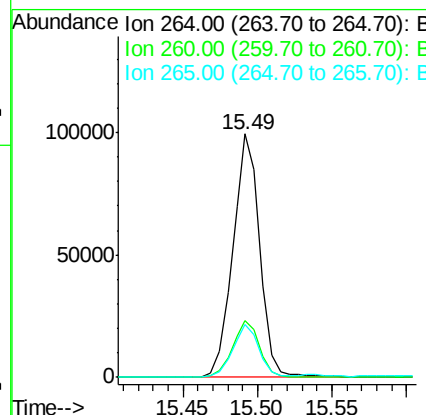
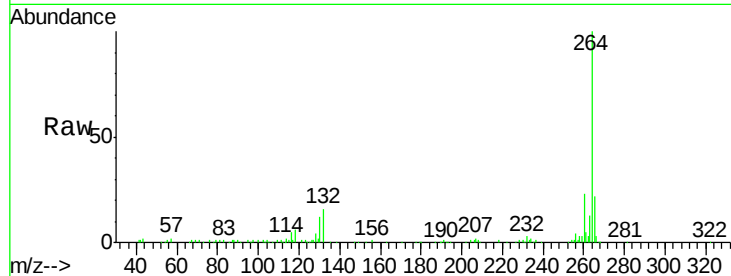
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF101122.D
Acq: 5 Dec 2017 14:15

Instrument :
BNA_F
ClientSampled :
RT-4651

Tot Ion:	264	Resp:	125143
Ion Ratio		Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.9	17.5	26.3

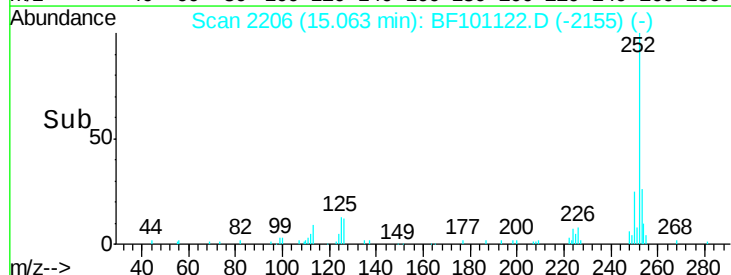
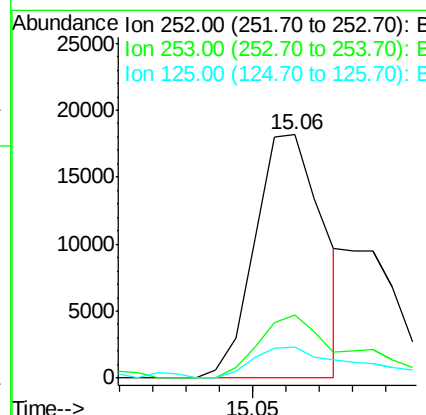
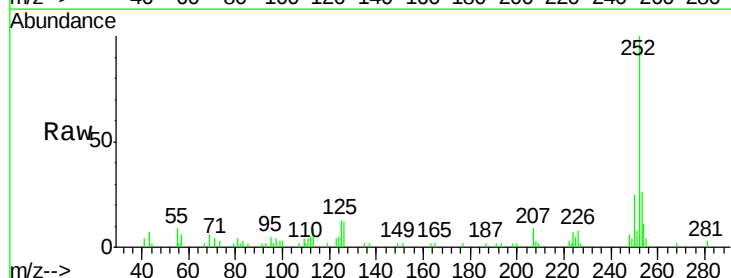
Manual Integrations
APPROVED

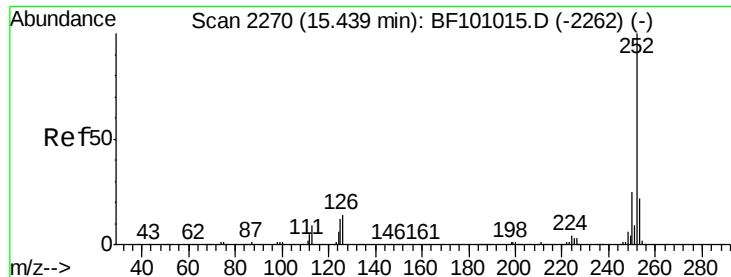
Sohil
12/6/2017 5:12:22 PM



#87
Benzo(b)fluoranthene
Concen: 3.448 ng m
RT: 15.06 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BF101122.D
Acq: 5 Dec 2017 14:15

Tgt Ion:	252	Resp:	25848
Ion Ratio		Lower	Upper
252	100		
253	25.9	17.0	25.6#
125	12.8	9.0	13.6





#89

Benzo(a)pyrene

Concen: 3.196 ng

RT: 15.43 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BF101122.D

Acq: 5 Dec 2017 14:15

Instrument :

BNA_F

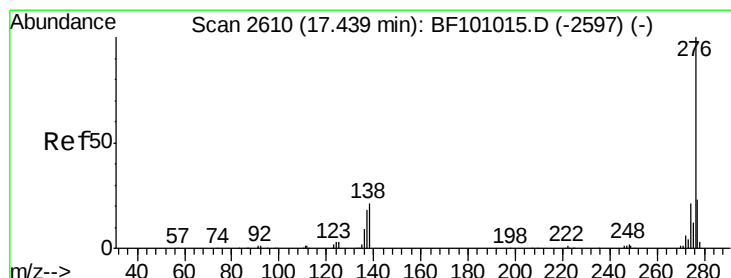
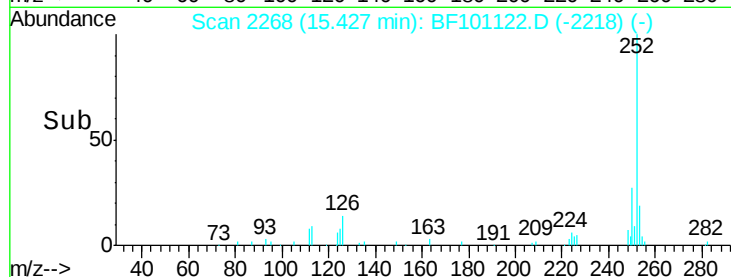
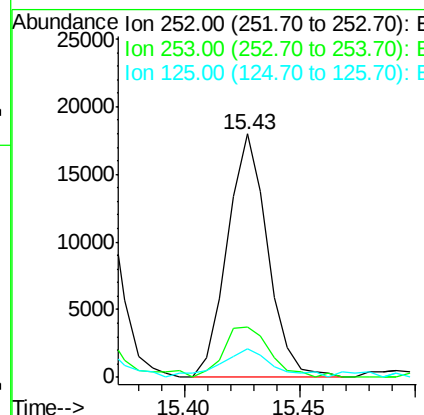
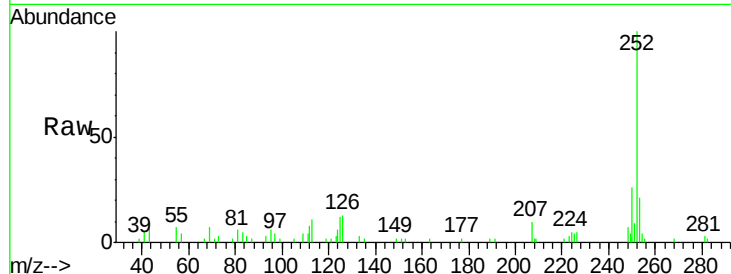
ClientSampled :

RT-4651

Tot Ion:	252	Resp:	21782
Ion Ratio	Lower	Upper	
252	100		
253	20.6	17.1	25.7
125	11.6	9.8	14.6

Manual Integrations
APPROVED

Sohil
12/6/2017 5:12:22 PM



#91

Benzo(g,h,i)perylene

Concen: 2.503 ng

RT: 17.42 min Scan# 2607

Delta R.T. -0.01 min

Lab File: BF101122.D

Acq: 5 Dec 2017 14:15

Tgt Ion:	276	Resp:	14173
Ion Ratio	Lower	Upper	
276	100		
277	22.1	17.9	26.9
138	24.2	21.8	32.8

