

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
 Data File : BF104450.D
 Acq On : 12 Apr 2018 14:55
 Operator : JU/SJ
 Sample : J2165-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-041118

Manual Integrations
 APPROVED

Sohil
 4/13/2018 4:43:57 PM

Quant Time: Apr 13 10:03:51 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 12 17:07:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	145719	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	577917	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	248018	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	372981	20.00	ng	0.00
75) Chrysene-d12	13.98	240	280965	20.00	ng	-0.01
86) Perylene-d12	15.45	264	227859	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	931640	97.76	ng	0.01
7) Phenol-d6	6.45	99	1119719	95.63	ng	0.00
23) Nitrobenzene-d5	7.37	82	719120	81.25	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	234499	91.15	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1105341	70.40	ng	0.00
78) Terphenyl-d14	12.93	244	799300	64.86	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	78634	4.021	ng	99
70) Phenanthrene	11.36	178	64628	3.111	ng	98
74) Fluoranthene	12.55	202	112569	5.187	ng	97
77) Pyrene	12.78	202	107835	5.178	ng	98
80) Benzo(a)anthracene	13.97	228	55143	3.285	ng	97
82) Chrysene	14.00	228	57380	3.328	ng	96
87) Benzo(b)fluoranthene	15.02	252	71442m	4.964	ng	
89) Benzo(a)pyrene	15.39	252	42013	3.263	ng	# 86
91) Benzo(g,h,i)perylene	17.34	276	24391	2.381	ng	# 93

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

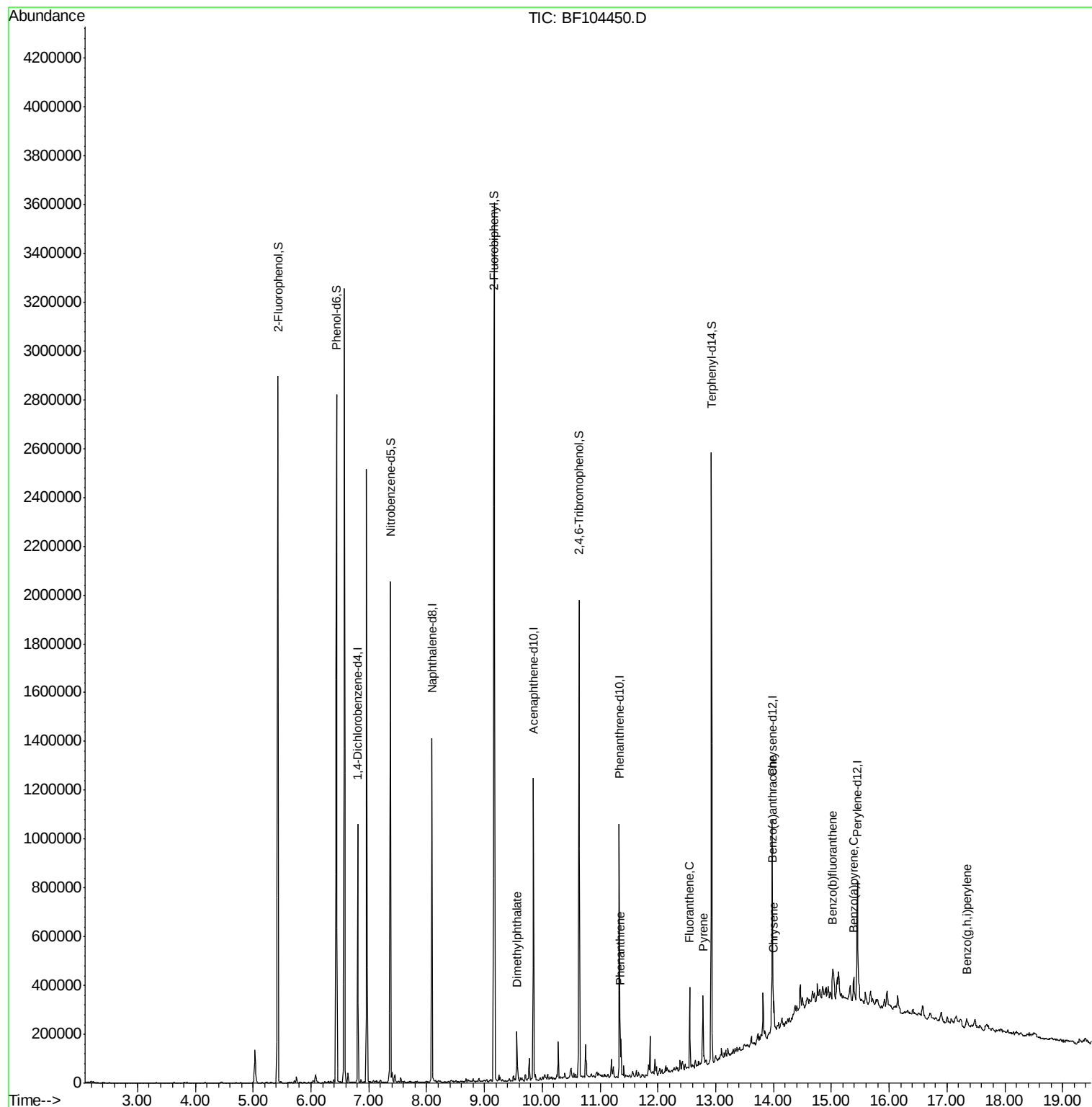
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
Data File : BF104450.D
Acq On : 12 Apr 2018 14:55
Operator : JU/SJ
Sample : J2165-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

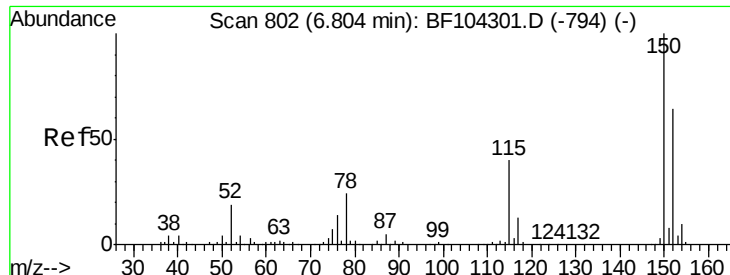
Instrument :
BNA_F
ClientSampleId :
SU-03-041118

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Quant Time: Apr 13 10:03:51 2018
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Response via : Initial Calibration





#1

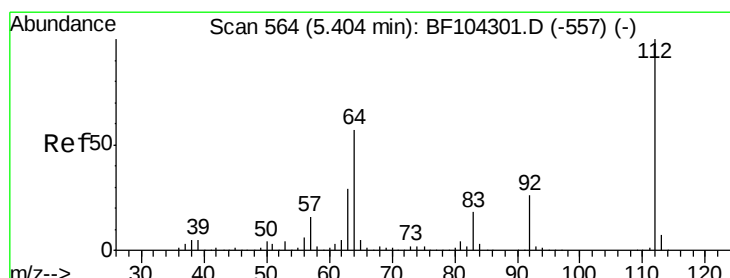
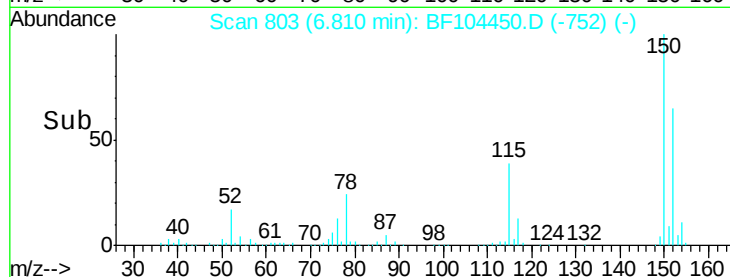
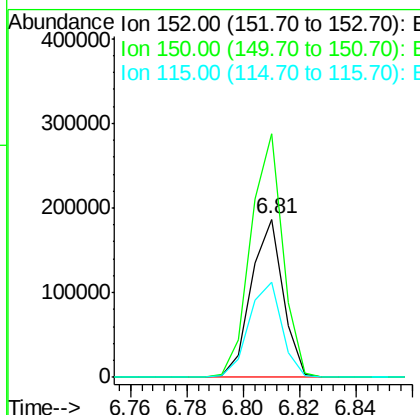
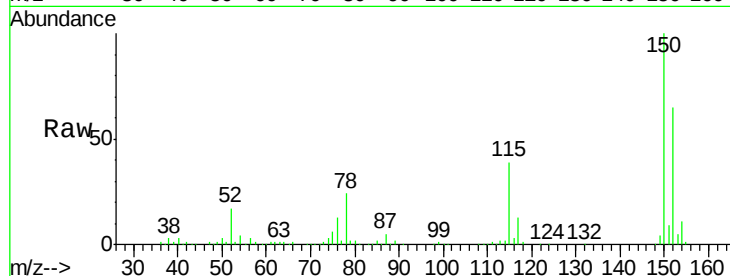
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104450.D
Acq: 12 Apr 2018 14:55

Instrument :
BNA_F
ClientSampleId :
SU-03-041118

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.6	186.8
115	60.4	50.1	75.1

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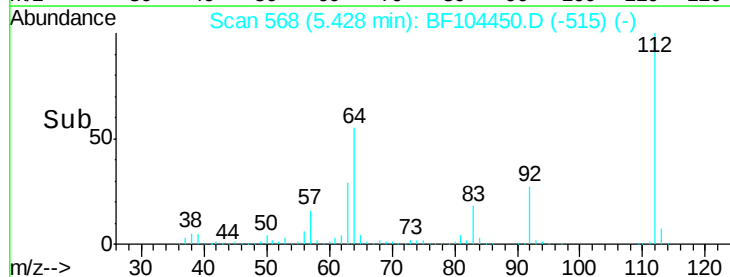
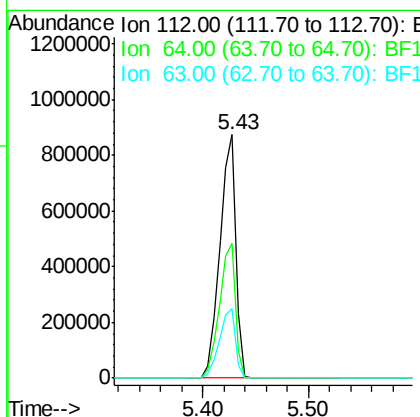
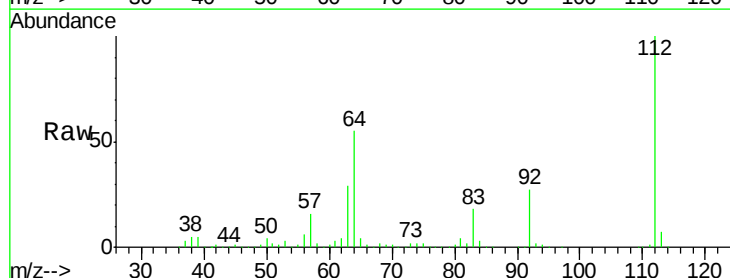
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#5

2-Fluorophenol
Concen: 97.759 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104450.D
Acq: 12 Apr 2018 14:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	47.9	71.9
63	28.6	23.7	35.5





#7

Phenol-d6

Concen: 95.627 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF104450.D

Acq: 12 Apr 2018 14:55

Instrument :

BNA_F

ClientSampled :

SU-03-041118

Tot Ion: 99 Resp: 1119719

Ion Ratio Lower Upper

99 100

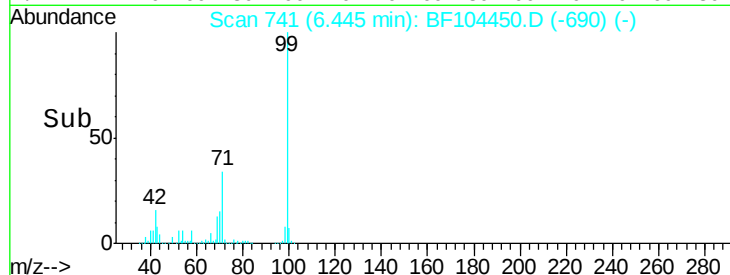
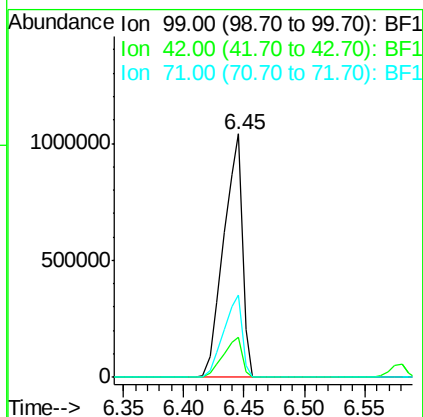
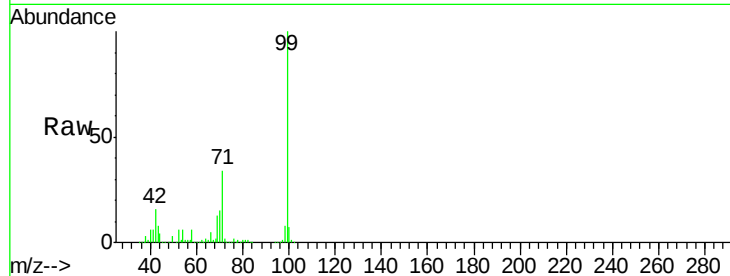
42 16.4 14.5 21.7

71 34.1 25.4 38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF104450.D

Acq: 12 Apr 2018 14:55

Tgt Ion: 136 Resp: 577917

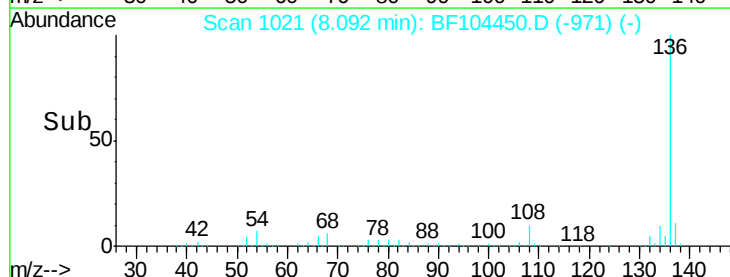
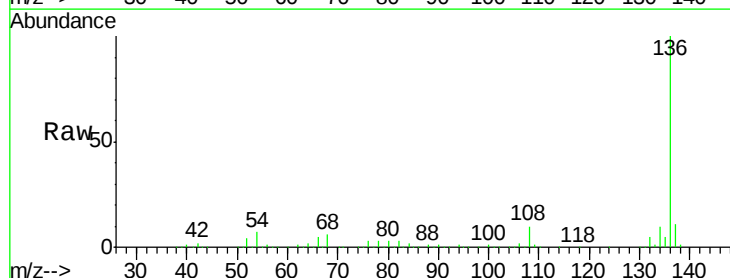
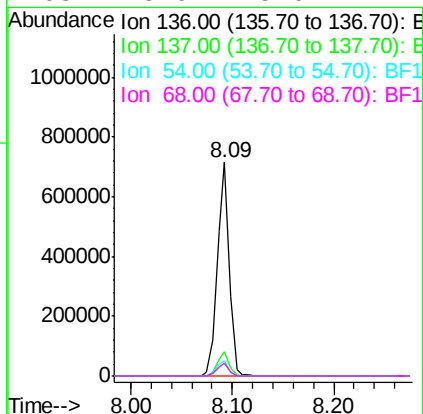
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.0 6.6 9.8

68 5.9 5.0 7.4





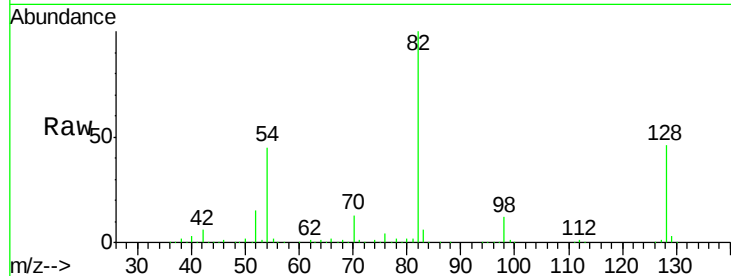
#23
 Nitrobenzene-d5
 Concen: 81.252 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF104450.D
 Acq: 12 Apr 2018 14:55

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-041118

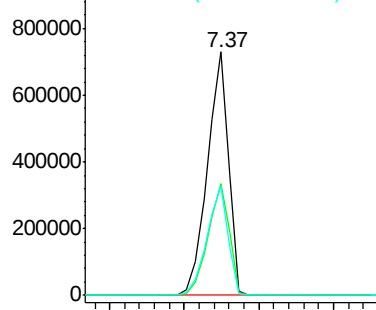
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	45.0	41.4	62.2

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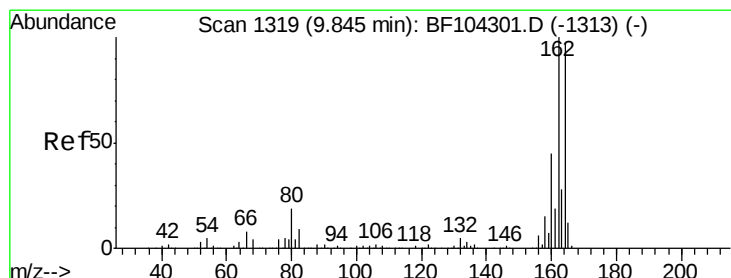
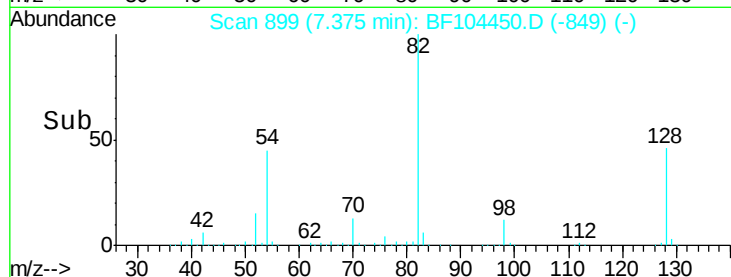
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Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



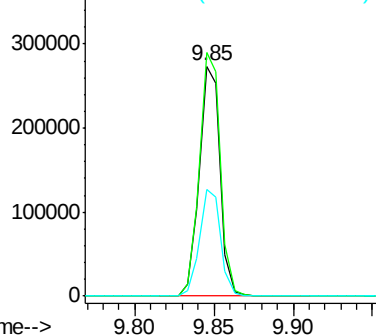
Time-->



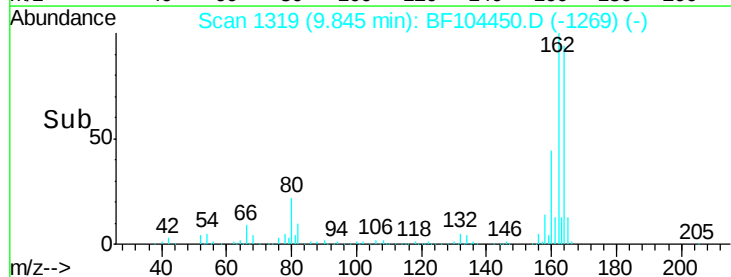
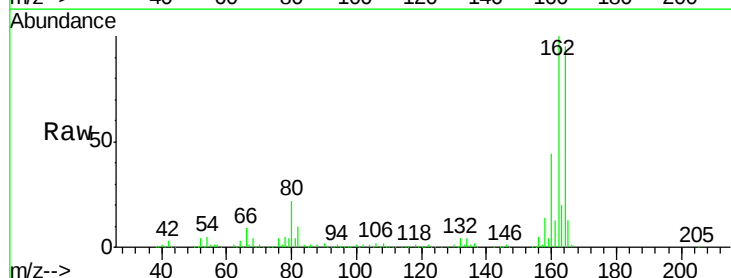
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF104450.D
 Acq: 12 Apr 2018 14:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.8	86.1	129.1
160	46.6	38.3	57.5

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



Time-->





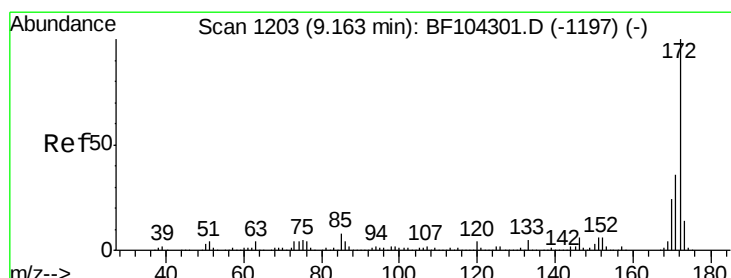
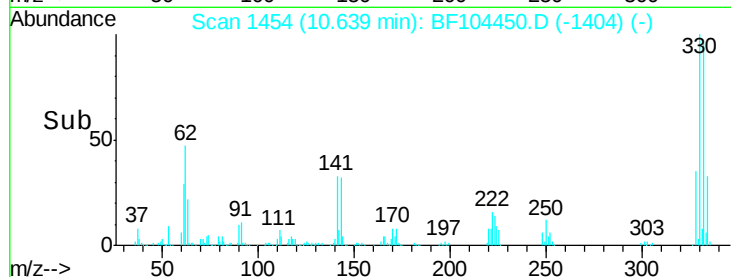
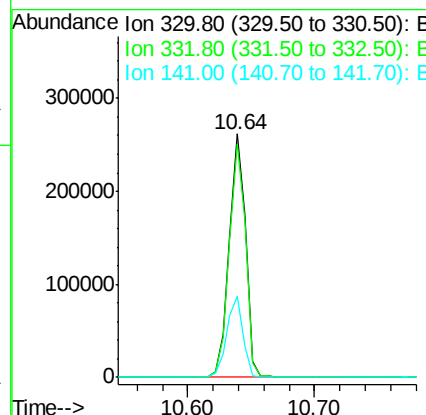
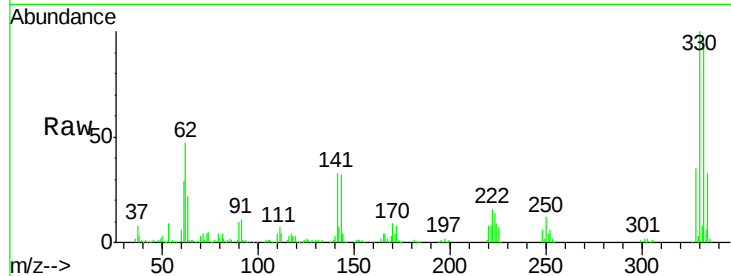
#41
 2,4,6-Tribromophenol
 Concen: 91.147 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF104450.D
 Acq: 12 Apr 2018 14:55

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-041118

Tot Ion	Ratio	Resp	Lower	Upper
330	100	234499		
332	96.3	77.0	115.6	
141	33.5	29.9	44.9	

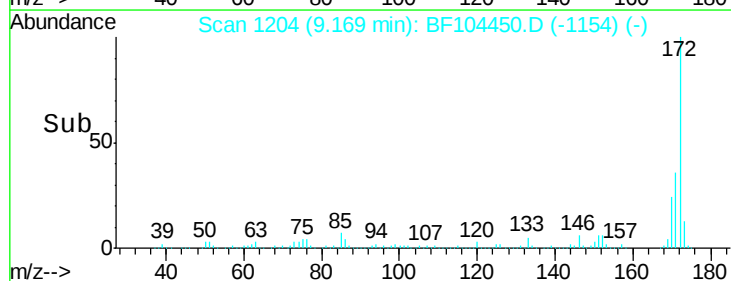
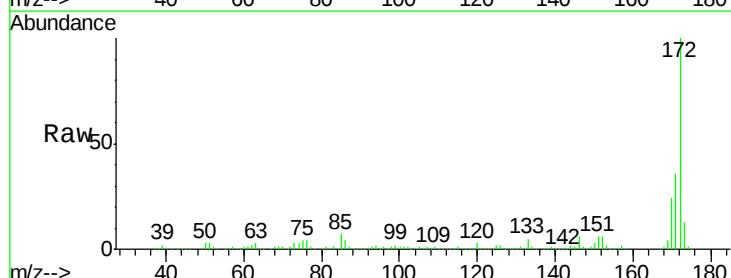
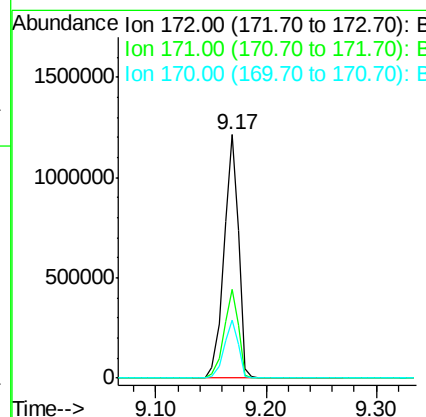
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#44
 2-Fluorobiphenyl
 Concen: 70.405 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF104450.D
 Acq: 12 Apr 2018 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1105341		
171	36.3	29.7	44.5	
170	23.8	19.6	29.4	





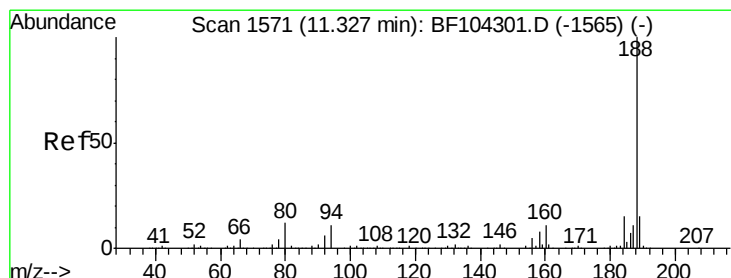
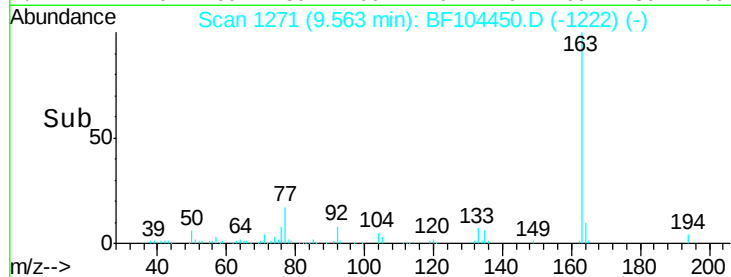
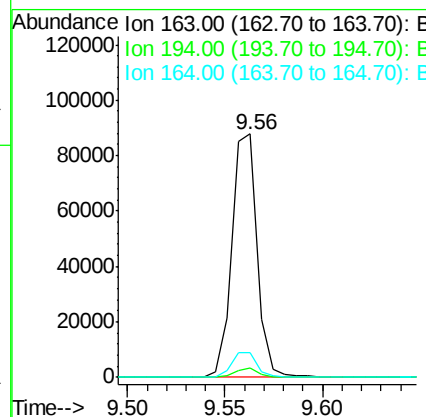
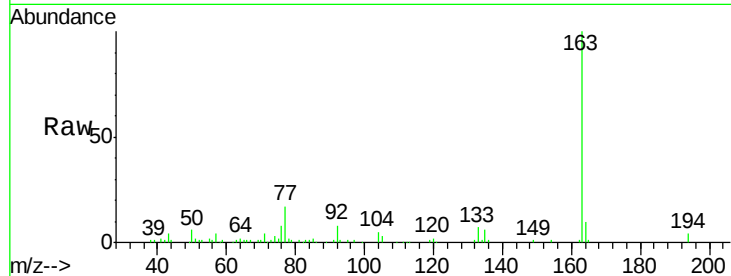
#49
Dimethylphthalate
Concen: 4.021 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF104450.D
Acq: 12 Apr 2018 14:55

Instrument :
BNA_F
ClientSampleId :
SU-03-041118

Tot Ion:	163	Resp:	78634
Ion Ratio	Lower	Upper	
163	100		
194	3.8	2.7	4.1
164	10.0	8.2	12.2

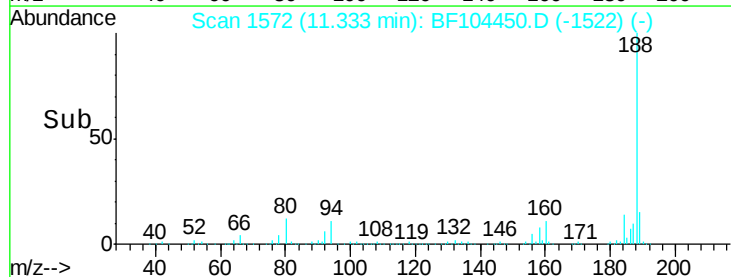
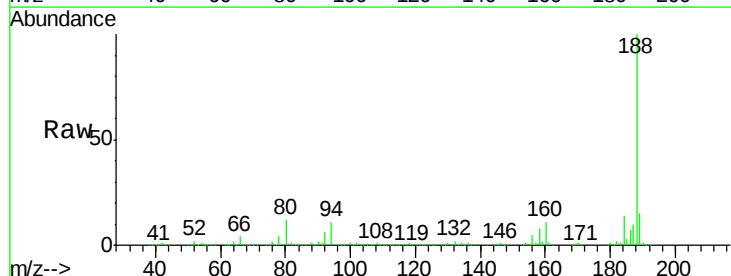
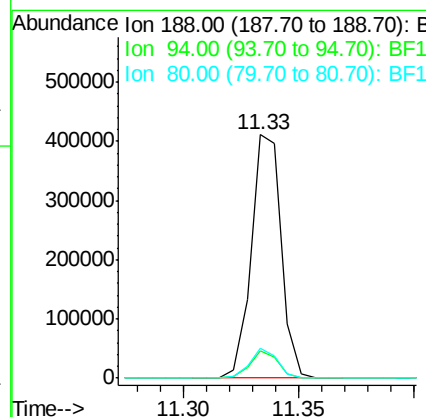
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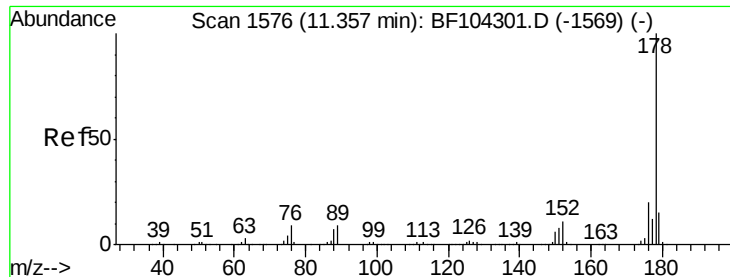
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF104450.D
Acq: 12 Apr 2018 14:55

Tgt Ion:	188	Resp:	372981
Ion Ratio	Lower	Upper	
188	100		
94	11.1	8.5	12.7
80	12.1	9.2	13.8





#70

Phenanthrene

Concen: 3.111 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF104450.D

Acq: 12 Apr 2018 14:55

Instrument :

BNA_F

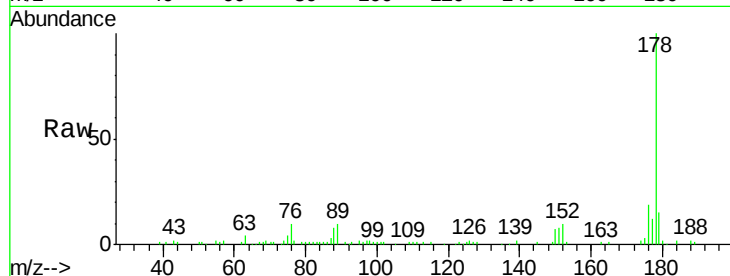
ClientSampled :

SU-03-041118

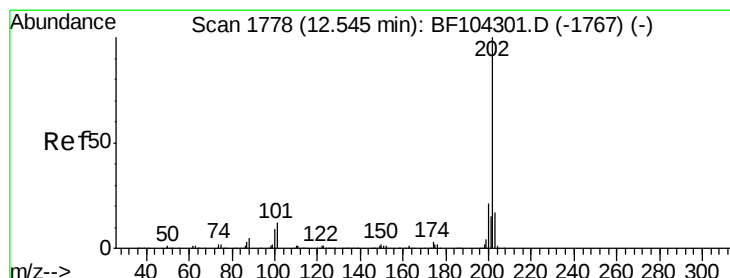
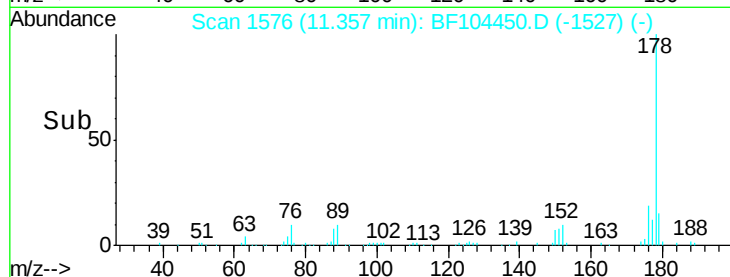
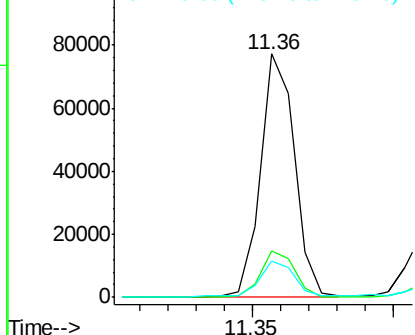
Tot Ion:	178	Resp:	64628
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.0	13.0	19.6

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 5.187 ng

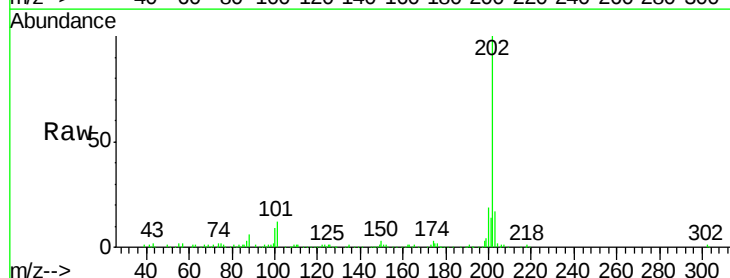
RT: 12.55 min Scan# 1779

Delta R.T. -0.01 min

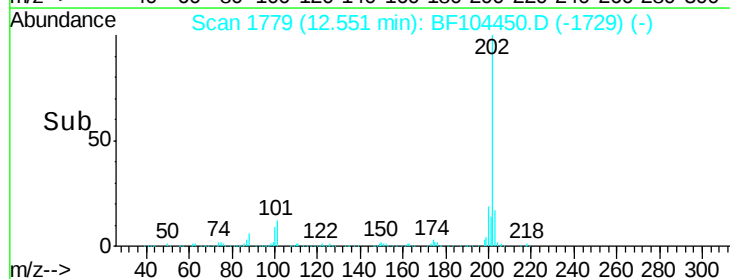
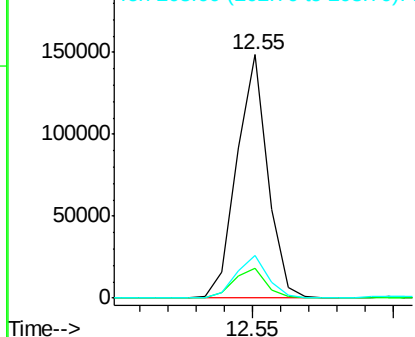
Lab File: BF104450.D

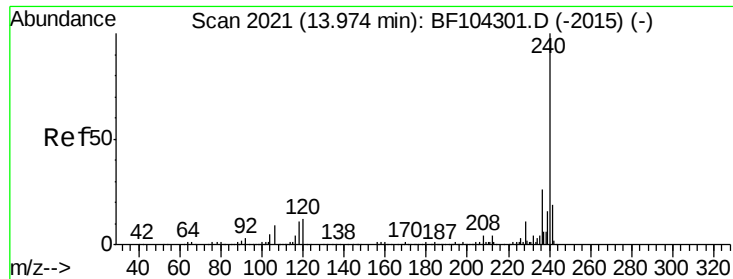
Acq: 12 Apr 2018 14:55

Tgt Ion:	202	Resp:	112569
Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	34.1
203	17.5	0.0	38.1



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: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF104450.D

Acq: 12 Apr 2018 14:55

Instrument :

BNA_F

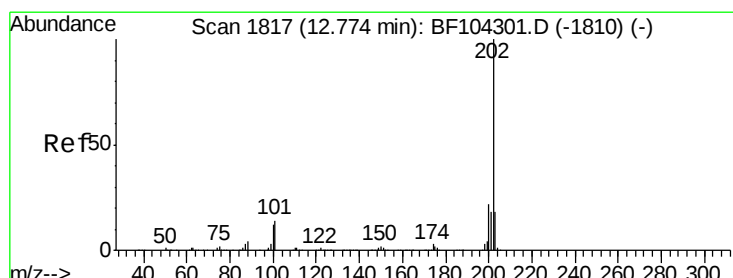
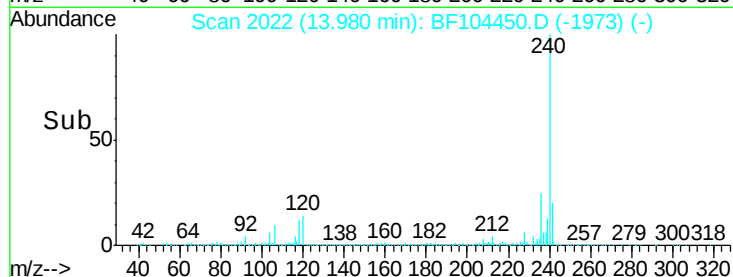
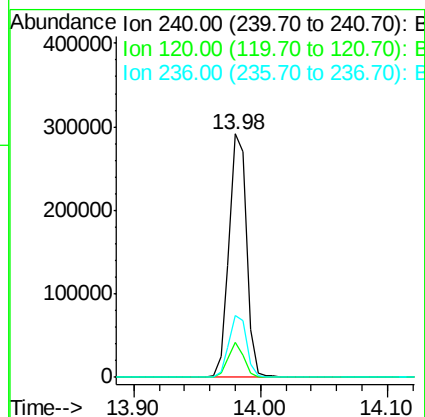
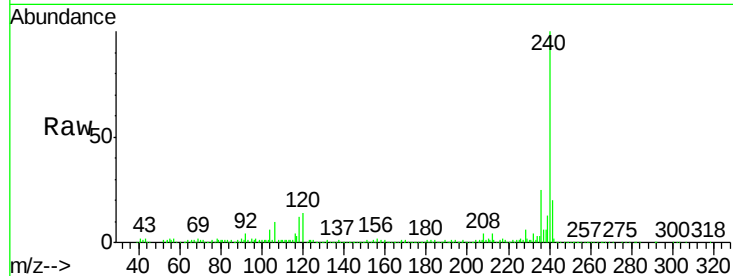
ClientSampleId :

SU-03-041118

Tot Ion:	240	Resp:	280965
Ion Ratio	Lower	Upper	
240	100		
120	14.1	9.5	14.3
236	25.3	20.7	31.1

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#77

Pyrene

Concen: 5.178 ng

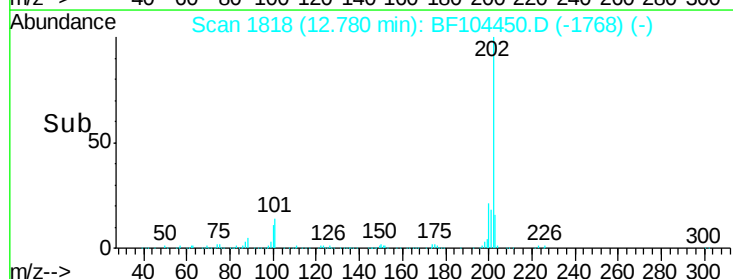
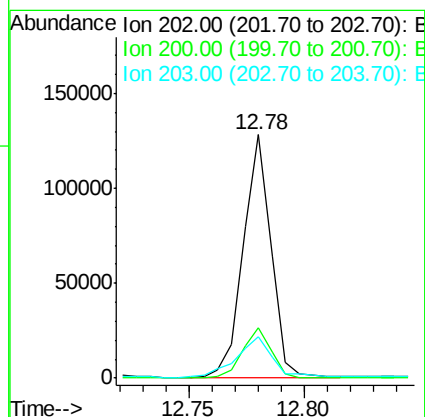
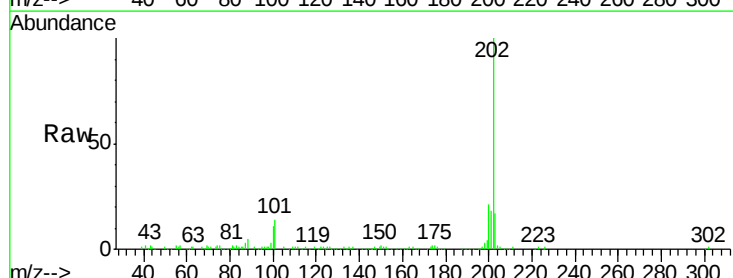
RT: 12.78 min Scan# 1818

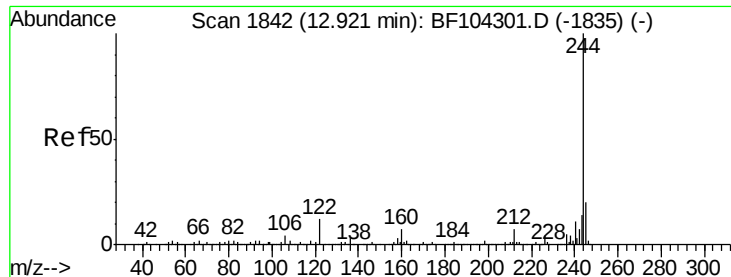
Delta R.T. -0.01 min

Lab File: BF104450.D

Acq: 12 Apr 2018 14:55

Tgt Ion:	202	Resp:	107835
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.4	26.2
203	17.2	14.3	21.5





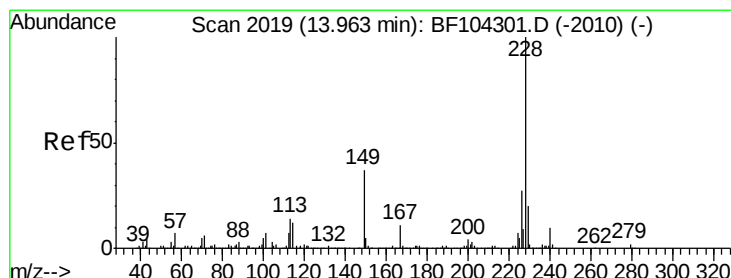
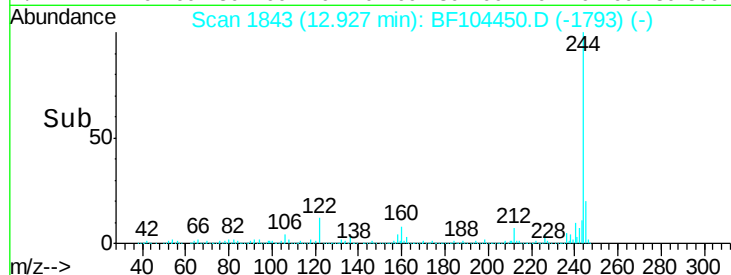
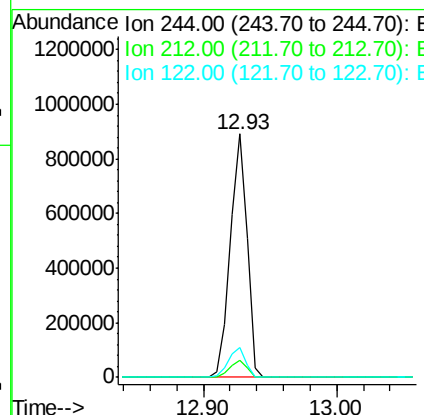
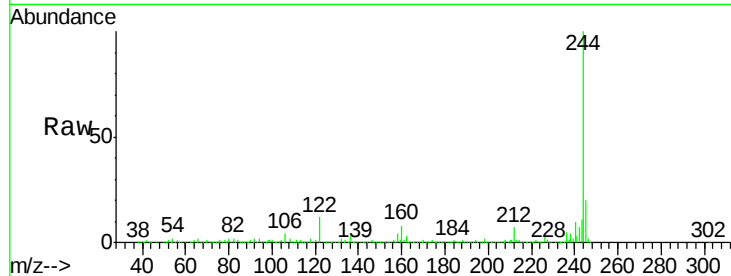
#78
 Terphenyl-d14
 Concen: 64.857 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BF104450.D
 Acq: 12 Apr 2018 14:55

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-041118

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.5	11.0	16.4

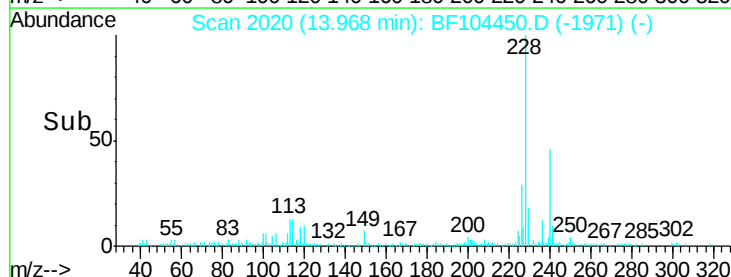
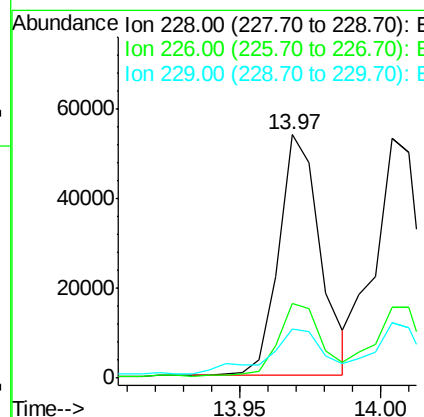
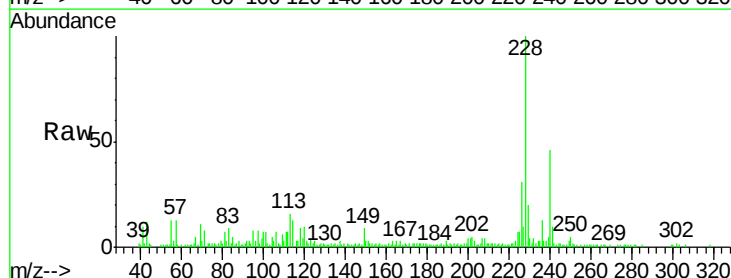
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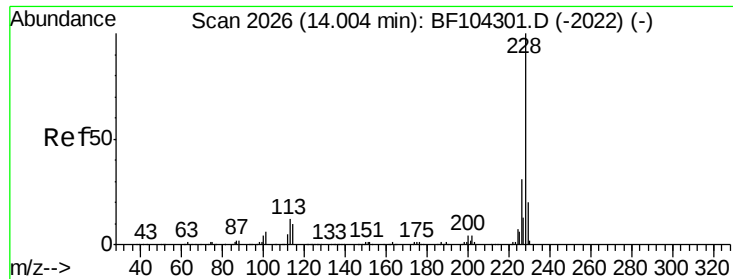
Sohil
 4/13/2018 4:43:57 PM



#80
 Benzo(a)anthracene
 Concen: 3.285 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF104450.D
 Acq: 12 Apr 2018 14:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	22.6	33.8
229	20.4	15.8	23.6





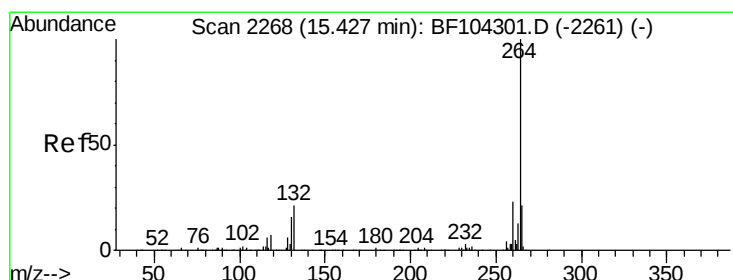
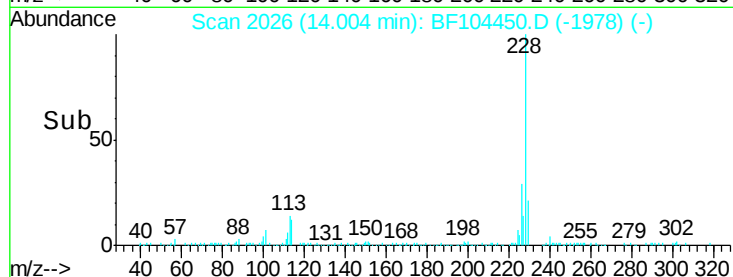
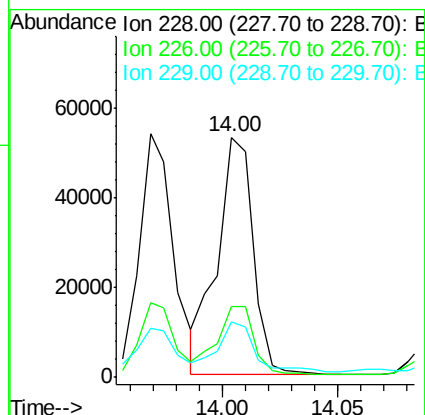
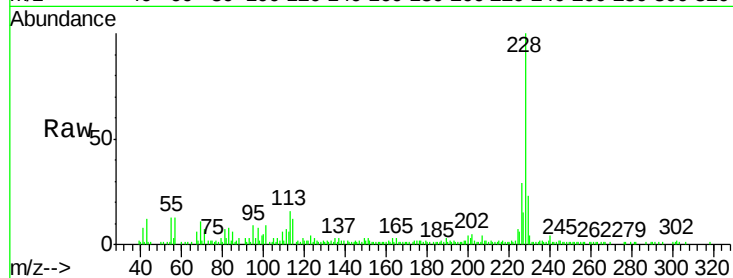
#82
Chrysene
Concen: 3.328 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF104450.D
Acq: 12 Apr 2018 14:55

Instrument :
BNA_F
ClientSampleId :
SU-03-041118

Tot Ion:	228	Resp:	57380
Ion Ratio	Lower	Upper	
228	100		
226	29.3	25.0	37.6
229	22.9	16.2	24.4

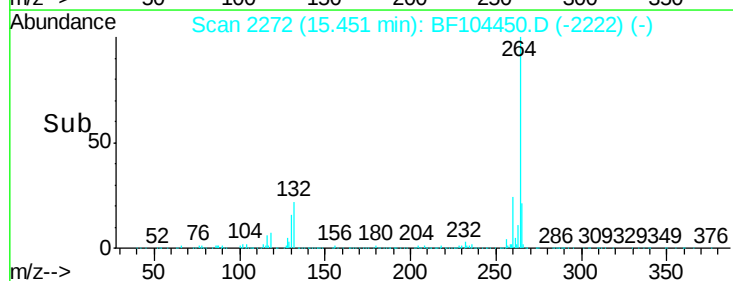
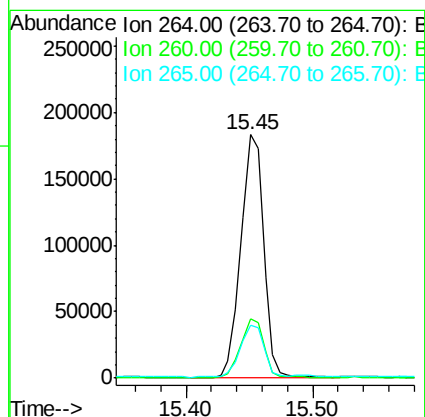
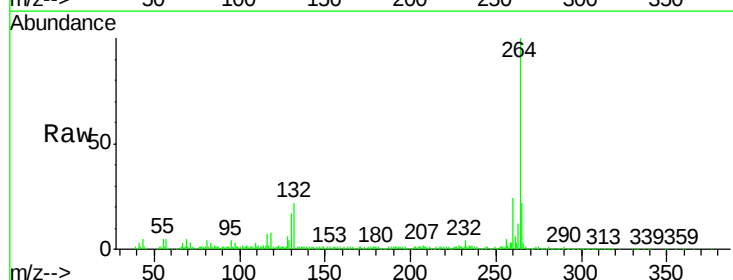
Manual Integrations
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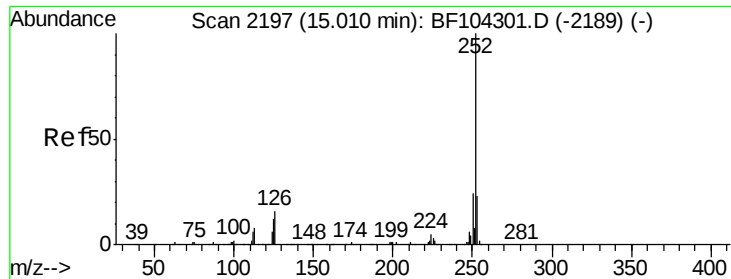
Sohil
4/13/2018 4:43:57 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF104450.D
Acq: 12 Apr 2018 14:55

Tgt Ion:	264	Resp:	227859
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.2	28.8
265	21.6	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 4.964 ng/mL

RT: 15.02 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BF104450.D

Acq: 12 Apr 2018 14:55

Instrument :

BNA_F

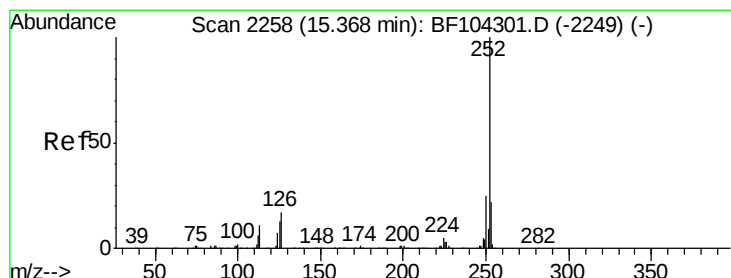
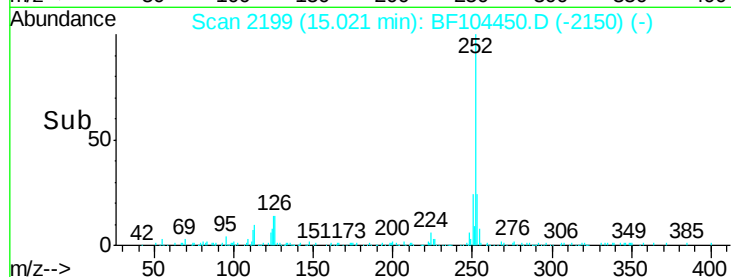
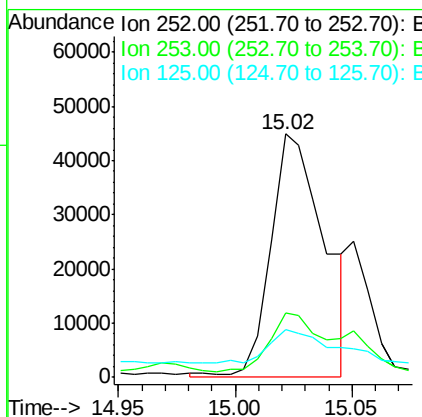
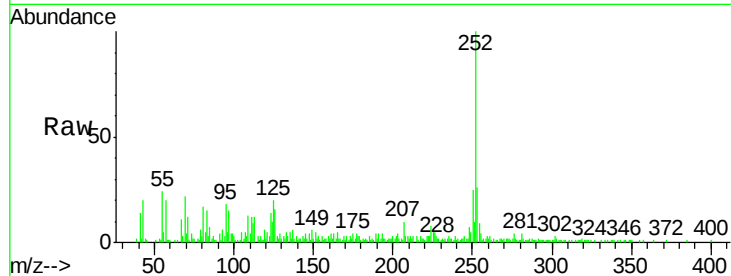
ClientSampleId :

SU-03-041118

Tot Ion:	252	Resp:	71442
Ion Ratio	Lower	Upper	
252	100		
253	26.3	17.0	25.6#
125	19.6	9.0	13.6#

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 3.263 ng/mL

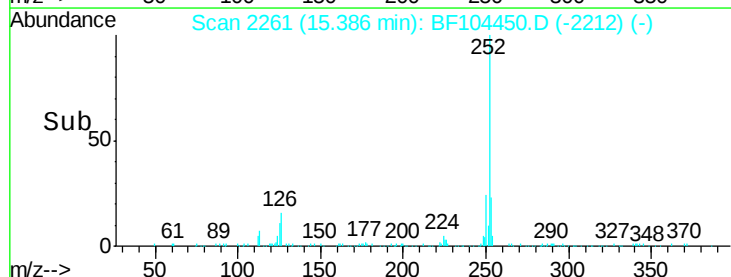
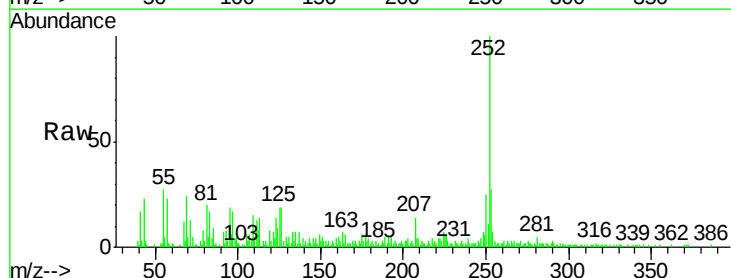
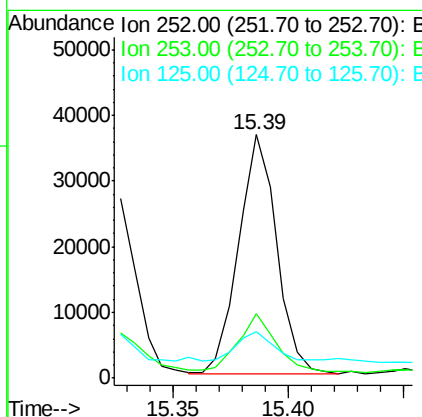
RT: 15.39 min Scan# 2261

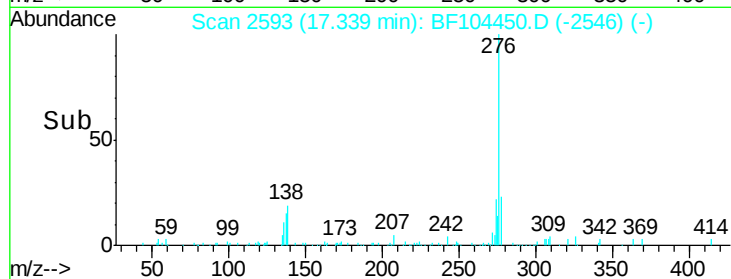
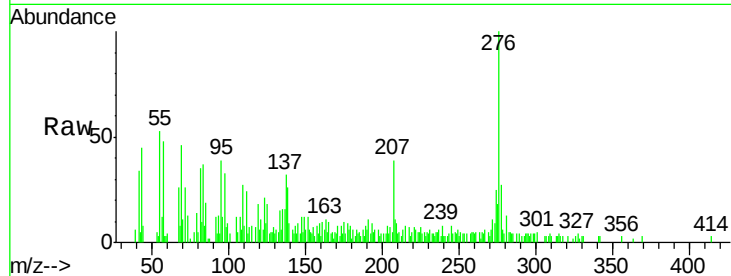
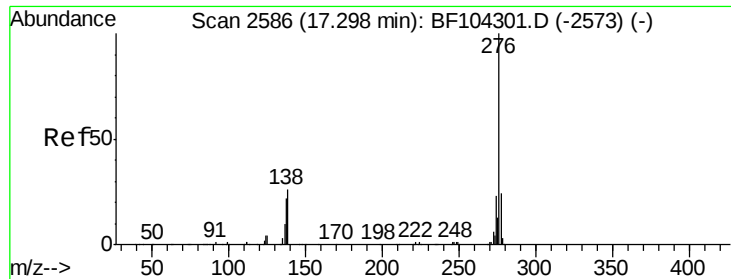
Delta R.T. -0.01 min

Lab File: BF104450.D

Acq: 12 Apr 2018 14:55

Tgt Ion:	252	Resp:	42013
Ion Ratio	Lower	Upper	
252	100		
253	26.7	17.1	25.7#
125	19.3	9.8	14.6#





#91

Benzo(a,h,i)perylene

Concen: 2.381 ng

RT: 17.34 min Scan# 2593

Delta R.T. -0.02 min

Lab File: BF104450.D

Acq: 12 Apr 2018 14:55

Instrument :

BNA_F

ClientSampleId :

SU-03-041118

Tot Ion:	276	Resp:	24391
Ion Ratio	Lower	Upper	
276	100		
277	27.4	17.9	26.9#
138	25.5	21.8	32.8

Manual Integrations
APPROVED

Sohil
4/13/2018 4:43:57 PM

