

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
 Data File : BF103431.D
 Acq On : 6 Mar 2018 1:20
 Operator : SJ/JU
 Sample : J1767-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-72-11998

Manual Integrations
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 3/6/2018 4:23:52 PM

Quant Time: Mar 06 09:03:19 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 05 13:40:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	129443	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	512983	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	200357	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	300700	20.00	ng	0.00
75) Chrysene-d12	14.07	240	189315	20.00	ng	0.00
86) Perylene-d12	15.59	264	143671	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	823141	96.18	ng	0.00
7) Phenol-d6	6.52	99	1321005	126.14	ng	0.00
23) Nitrobenzene-d5	7.44	82	797626	88.80	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	65790	38.79	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1076844	95.25	ng	0.00
78) Terphenyl-d14	13.00	244	754775	95.84	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.62	163	223422	13.900	ng	Qvalue 100
74) Fluoranthene	12.63	202	63642	3.827	ng	97
77) Pyrene	12.86	202	50019	3.389	ng	98
82) Chrysene	14.09	228	25471	2.136	ng	# 95
87) Benzo(b)fluoranthene	15.14	252	27659m	2.928	ng	

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

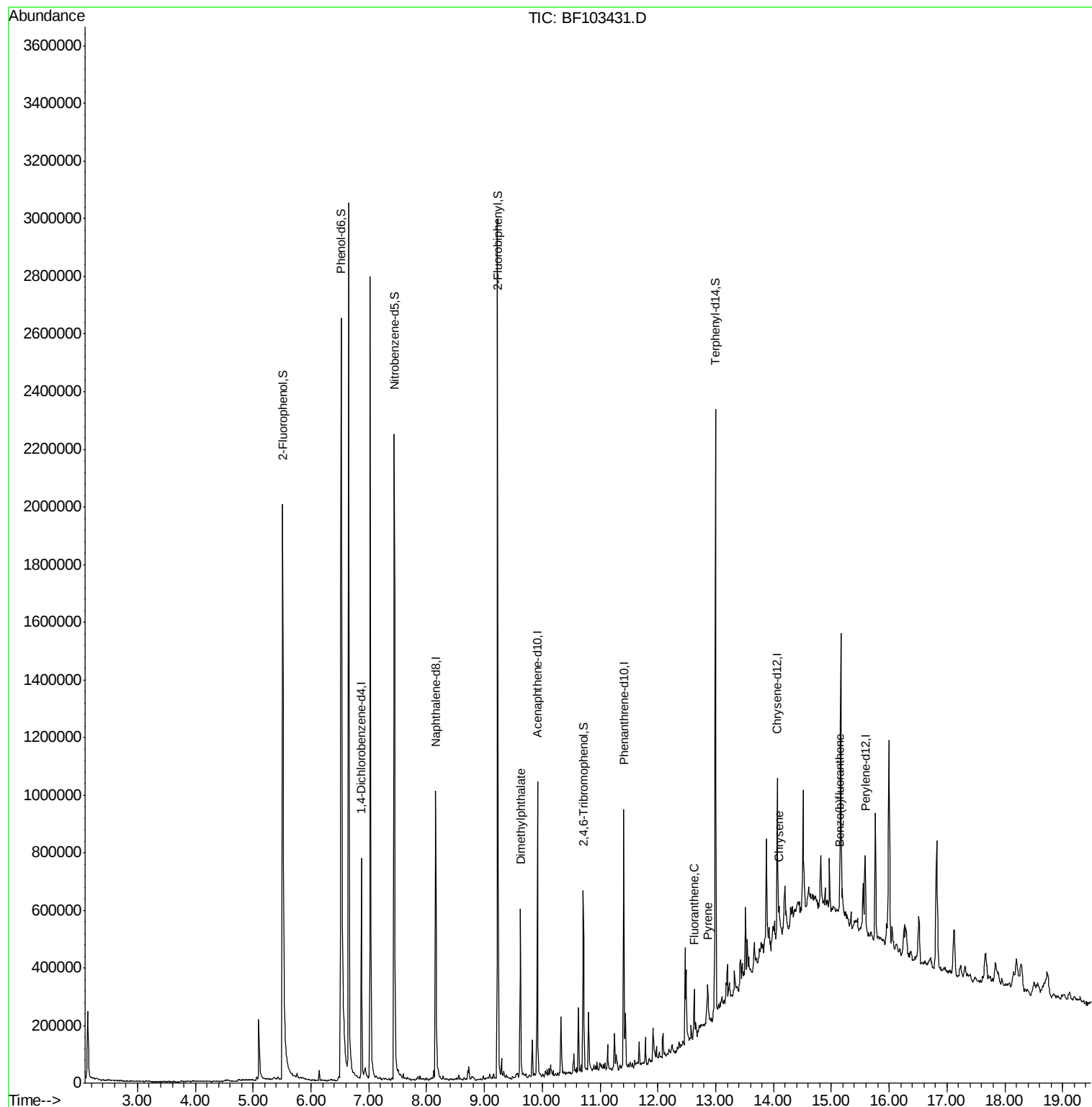
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103431.D
Acq On : 6 Mar 2018 1:20
Operator : SJ/JU
Sample : J1767-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

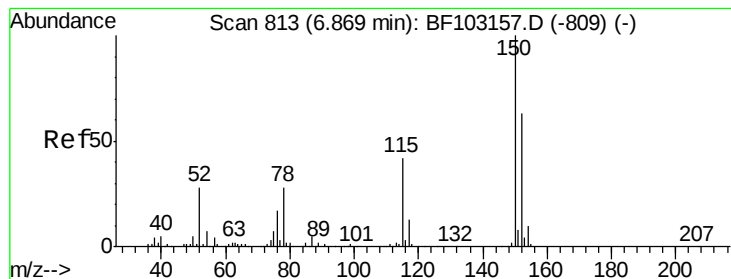
Instrument :
BNA_F
ClientSampleId :
RO-72-11998

Manual Integrations
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3/6/2018 4:23:52 PM

Quant Time: Mar 06 09:03:19 2018
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Response via : Initial Calibration





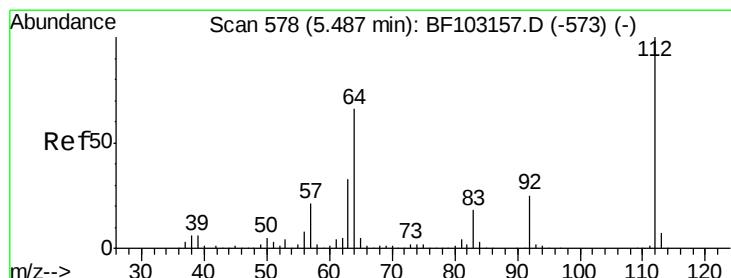
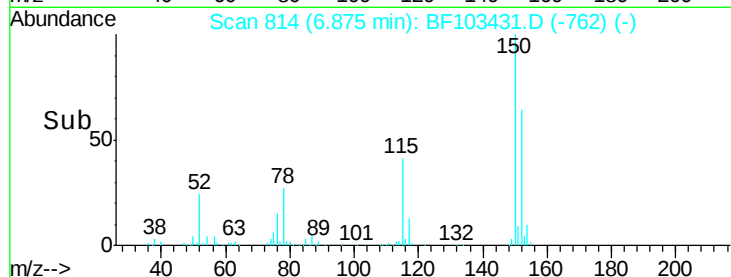
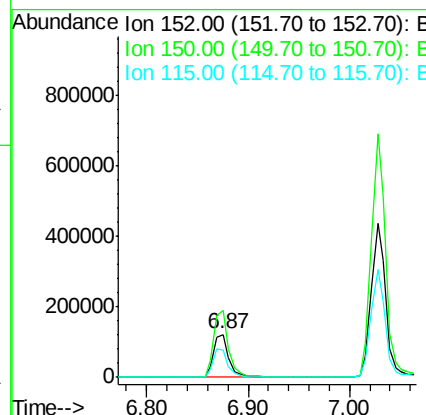
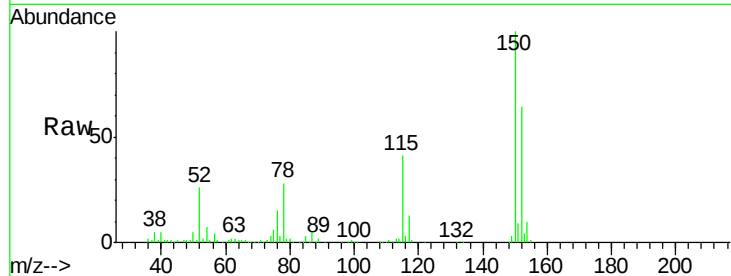
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF103431.D
 Acq: 6 Mar 2018 1:20

Instrument :
 BNA_F
 ClientSampleId :
 RO-72-11998

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.6	186.8
115	64.6	50.1	75.1

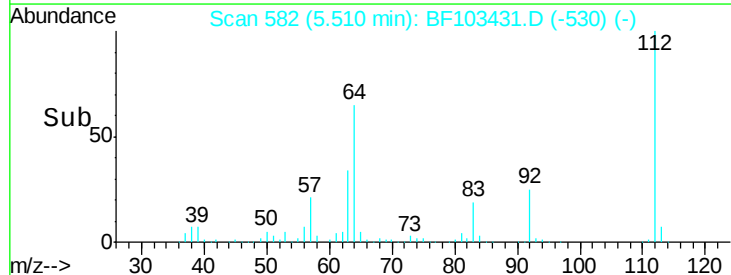
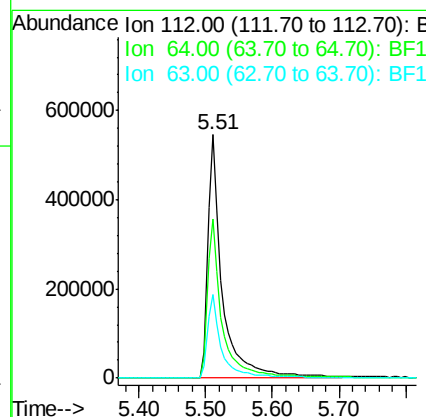
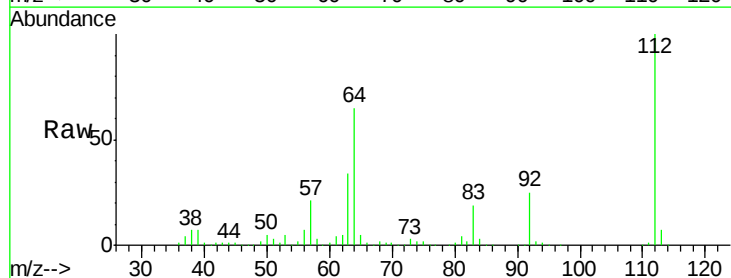
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#5
 2-Fluorophenol
 Concen: 96.177 ng
 RT: 5.51 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: BF103431.D
 Acq: 6 Mar 2018 1:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.5	47.9	71.9
63	34.4	23.7	35.5





#7

Phenol-d6

Concen: 126.137 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF103431.D

Acq: 6 Mar 2018 1:20

Instrument :

BNA_F

ClientSampleId :

RO-72-11998

Tot Ion: 99 Resp: 1321005

Ion Ratio Lower Upper

99 100

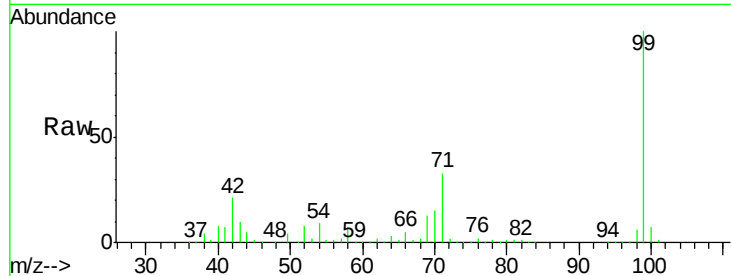
42 20.8 14.5 21.7

71 32.6 25.4 38.0

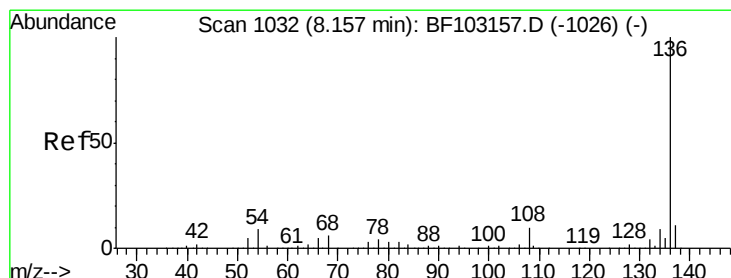
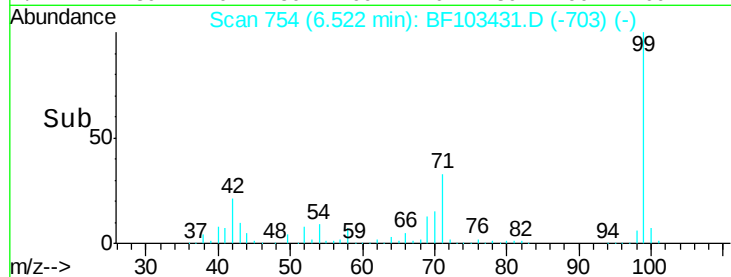
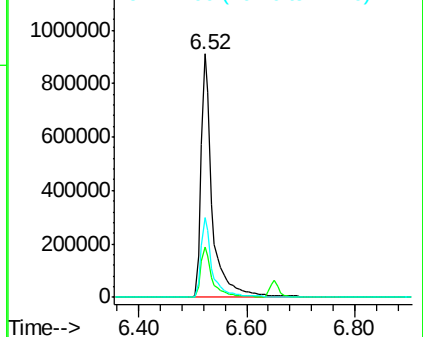
Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF103431.D

Acq: 6 Mar 2018 1:20

Tgt Ion: 136 Resp: 512983

Ion Ratio Lower Upper

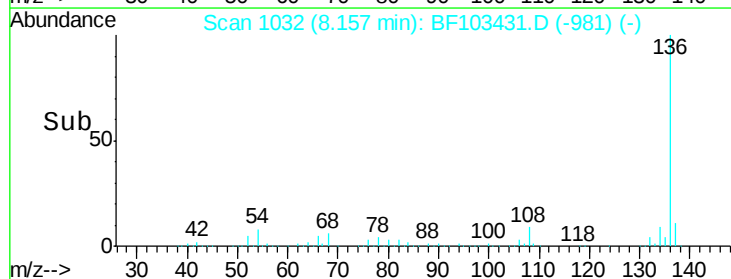
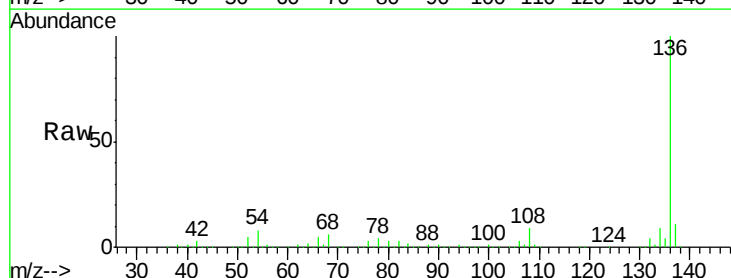
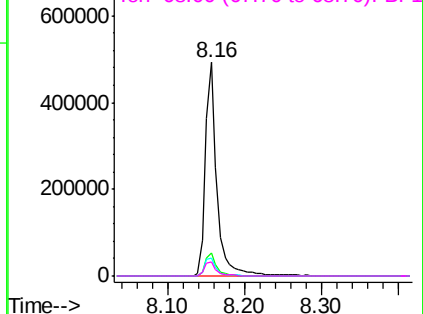
136 100

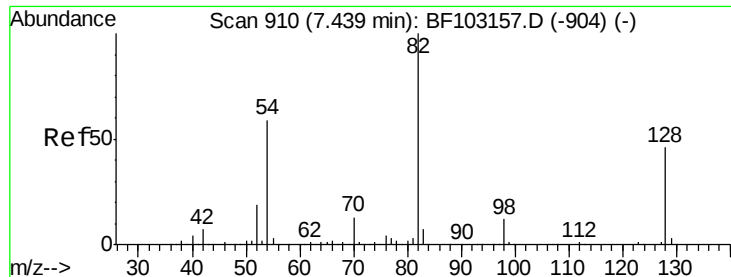
137 10.7 8.9 13.3

54 8.5 6.6 9.8

68 6.4 5.0 7.4

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 88.797 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: BF103431.D

Acq: 6 Mar 2018 1:20

Instrument :

BNA_F

ClientSampleId :

RO-72-11998

Tot Ion: 82 Resp: 797626

Ion Ratio Lower Upper

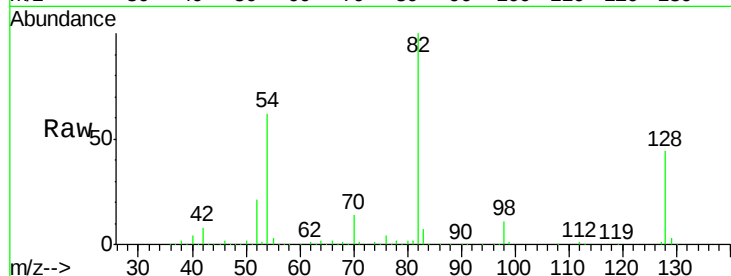
82 100

128 43.7 36.1 54.1

54 62.4 41.4 62.2#

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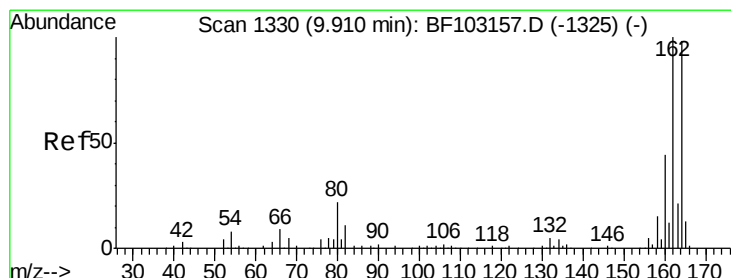
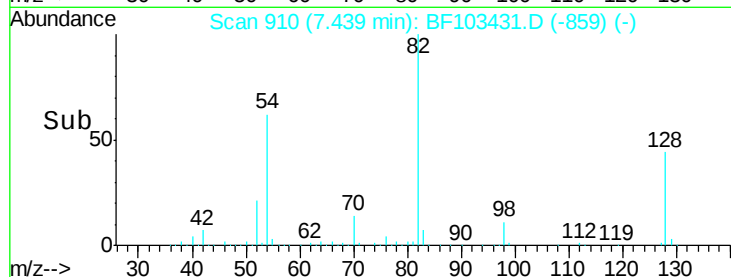
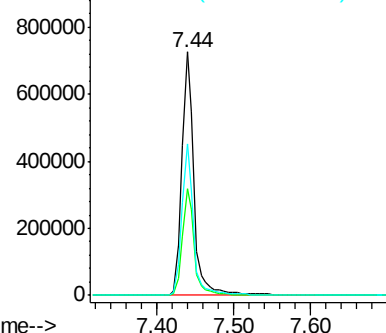
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.00 min

Lab File: BF103431.D

Acq: 6 Mar 2018 1:20

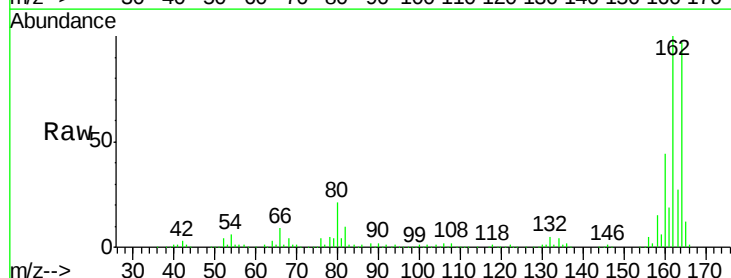
Tgt Ion:164 Resp: 200357

Ion Ratio Lower Upper

164 100

162 103.3 86.1 129.1

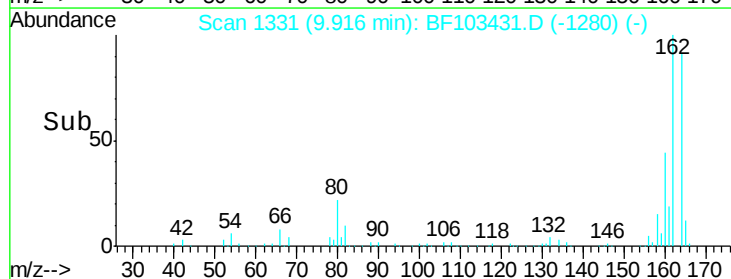
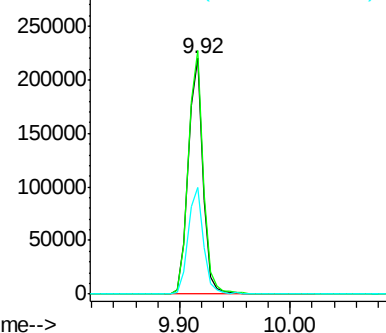
160 45.1 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#41

2,4,6-Tribromophenol

Concen: 38.793 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF103431.D

Acq: 6 Mar 2018 1:20

Instrument :

BNA_F

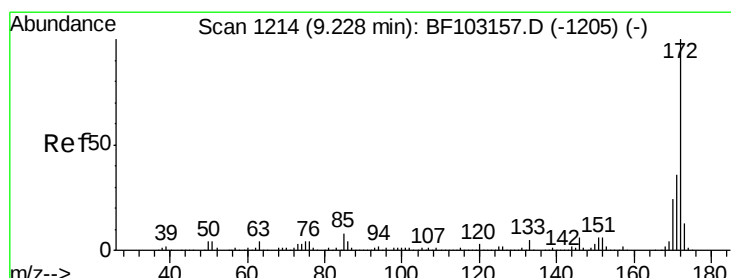
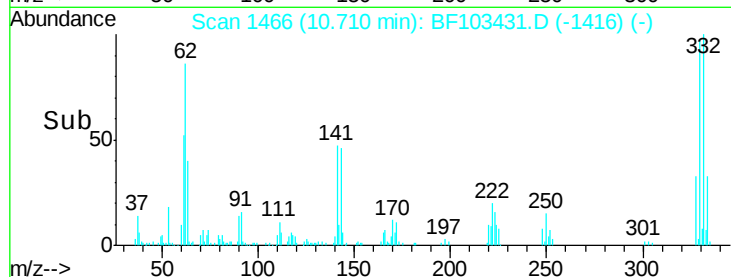
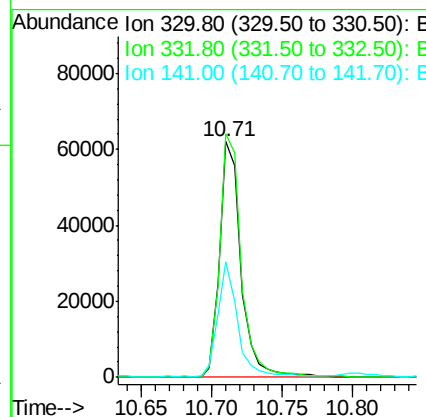
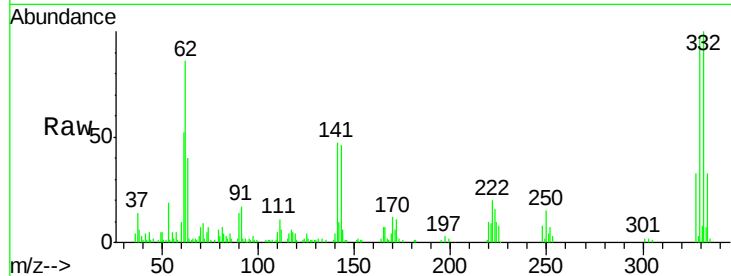
ClientSampleId :

RO-72-11998

Tot Ion	Ratio	Lower	Upper
330	100		
332	104.0	77.0	115.6
141	46.9	29.9	44.9

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#44

2-Fluorobiphenyl

Concen: 95.247 ng

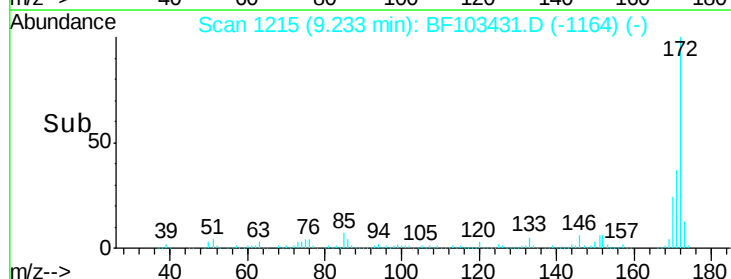
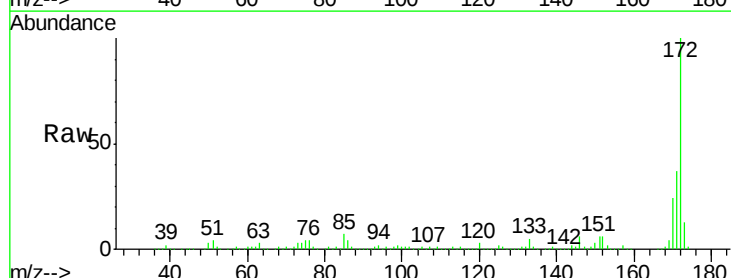
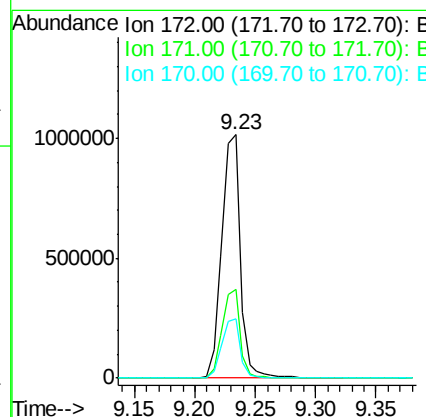
RT: 9.23 min Scan# 1215

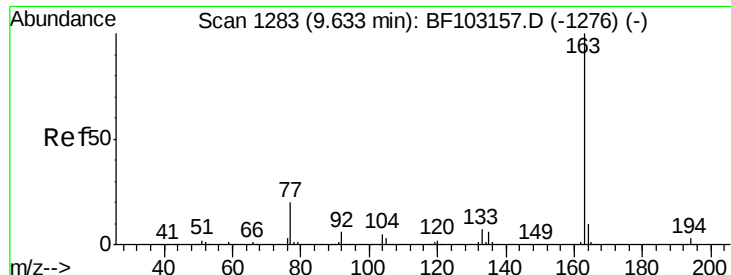
Delta R.T. 0.00 min

Lab File: BF103431.D

Acq: 6 Mar 2018 1:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.3	19.6	29.4





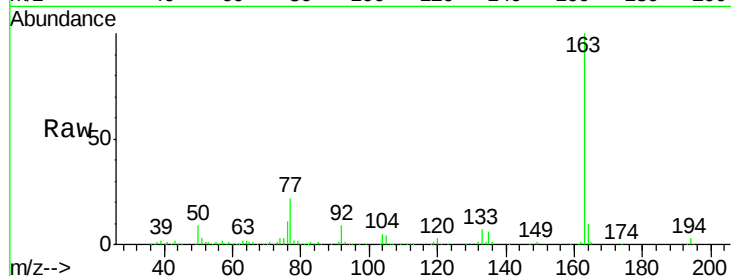
#49
Dimethylphthalate
Concen: 13.900 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103431.D
Acq: 6 Mar 2018 1:20

Instrument :
BNA_F
ClientSampleId :
RO-72-11998

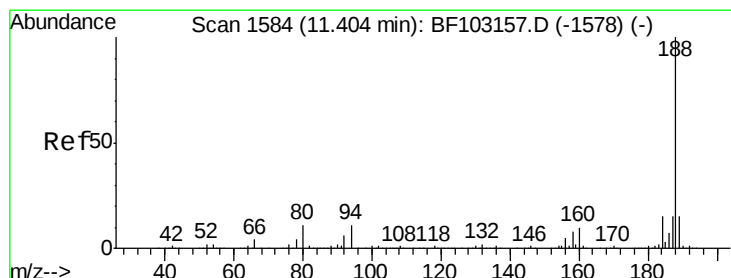
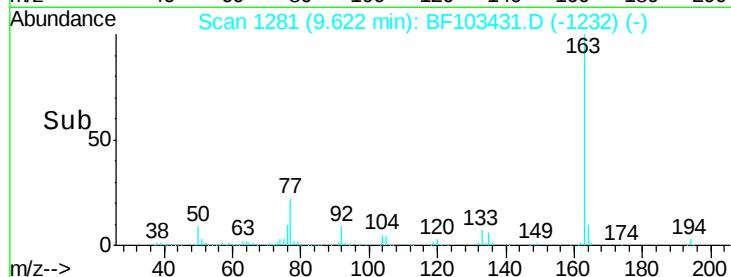
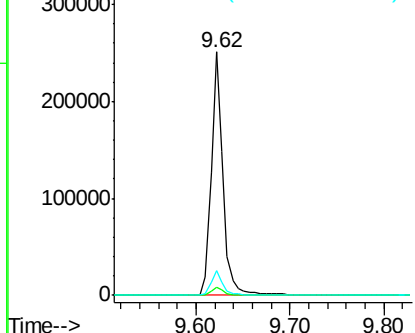
Tot Ion	Ratio	Resp	Lower	Upper
163	100	223422		
194	3.1	2.7	4.1	
164	10.1	8.2	12.2	

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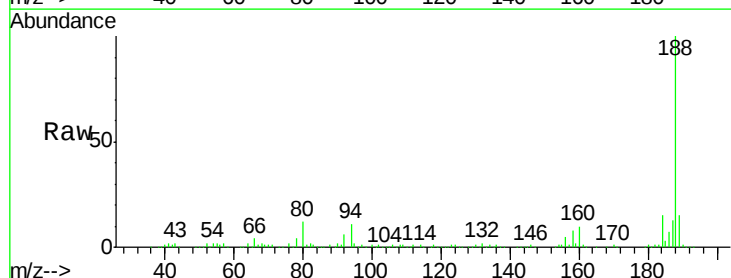


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

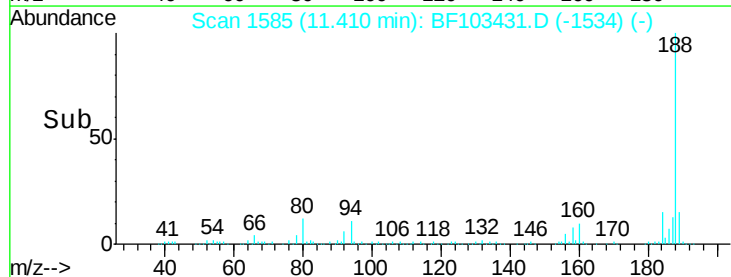
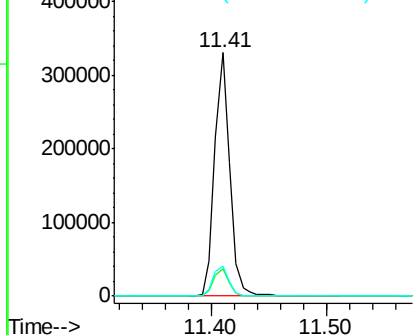


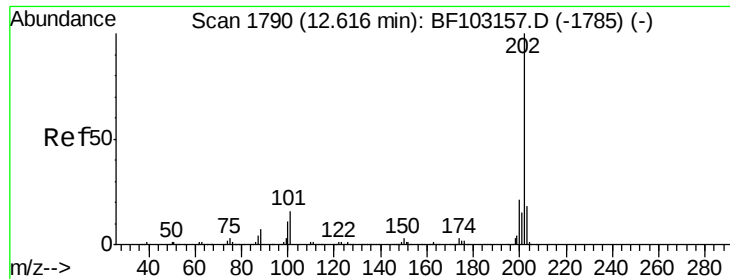
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF103431.D
Acq: 6 Mar 2018 1:20

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	300700		
94	11.3	8.5	12.7	
80	12.3	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: 3.827 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF103431.D

Acq: 6 Mar 2018 1:20

Instrument :

BNA_F

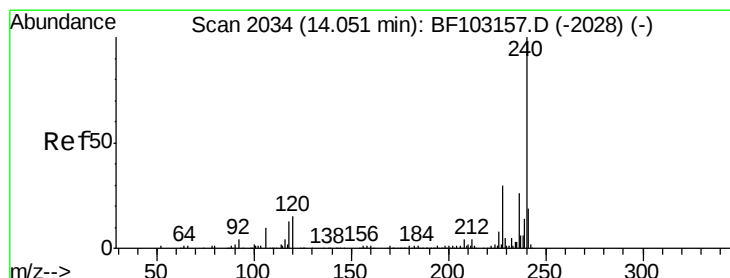
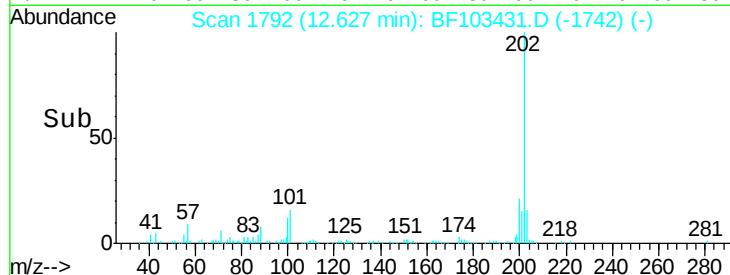
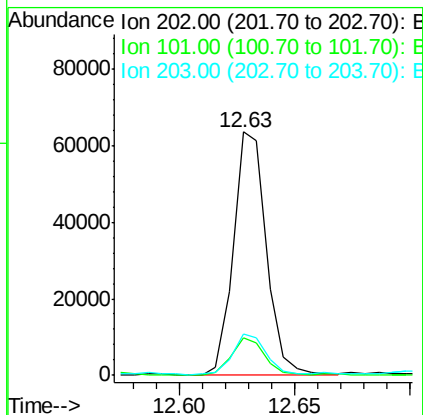
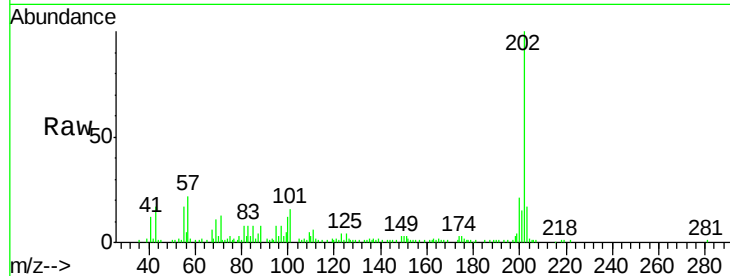
ClientSampleId :

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Tot Ion:	202	Resp:	63642
Ion Ratio		Lower	Upper
202	100		
101	15.5	0.0	34.1
203	17.1	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

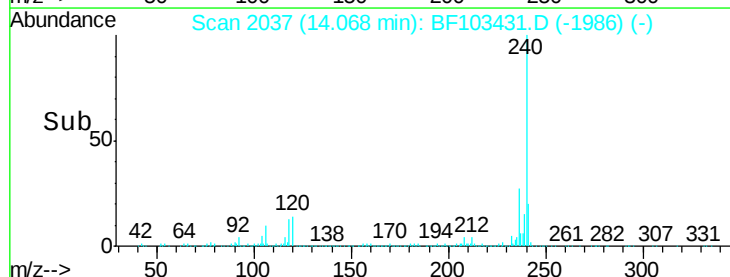
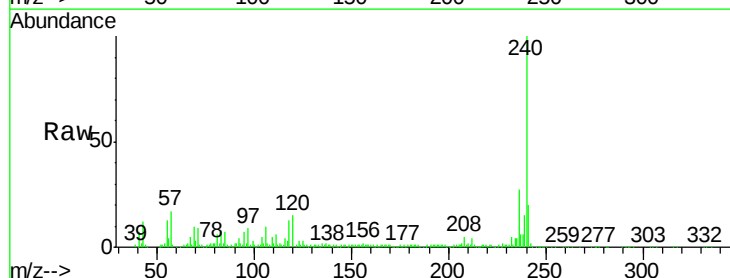
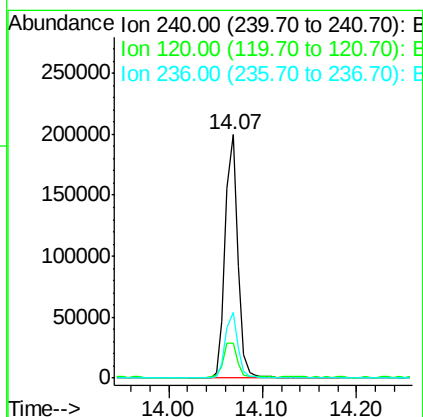
RT: 14.07 min Scan# 2037

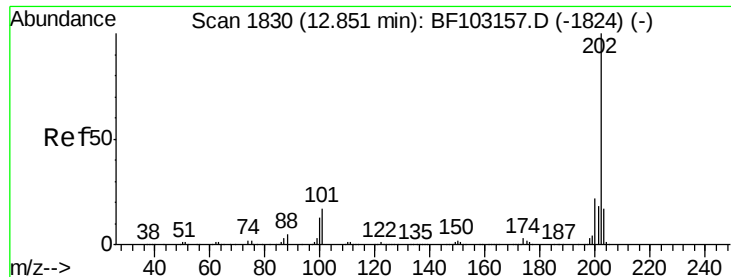
Delta R.T. 0.00 min

Lab File: BF103431.D

Acq: 6 Mar 2018 1:20

Tgt Ion:	240	Resp:	189315
Ion Ratio		Lower	Upper
240	100		
120	14.6	9.5	14.3#
236	27.0	20.7	31.1





#77

Pvrene

Concen: 3.389 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BF103431.D

Acq: 6 Mar 2018 1:20

Instrument :

BNA_F

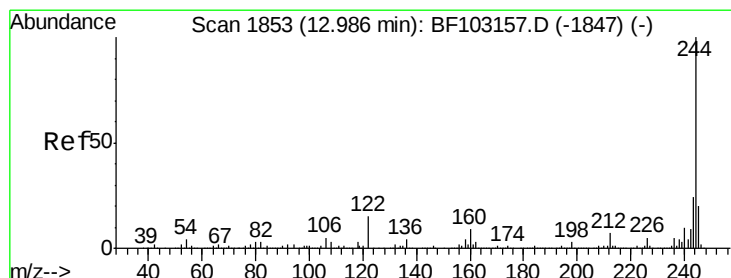
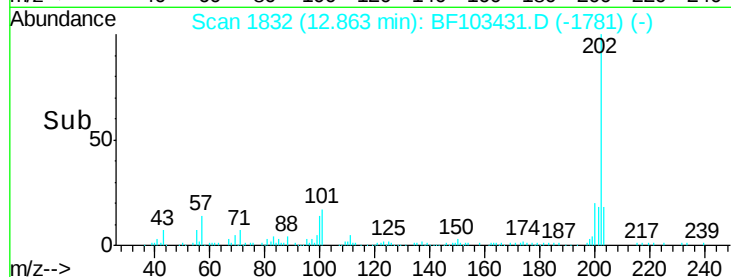
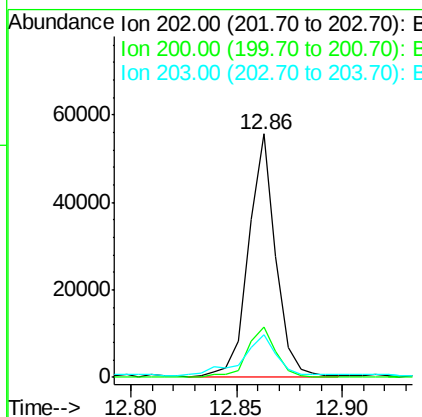
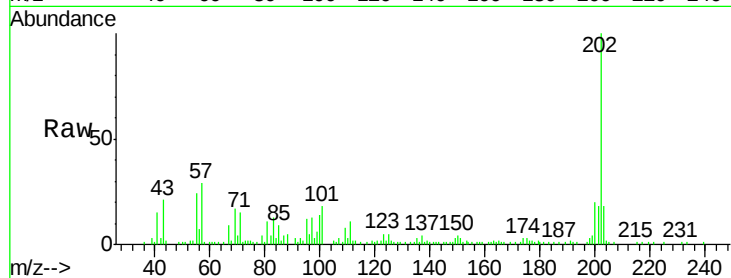
ClientSampleId :

RO-72-11998

Tot Ion:	202	Resp:	50019
Ion Ratio		Lower	Upper
202	100		
200	20.5	17.4	26.2
203	17.7	14.3	21.5

Manual Integrations
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#78

Terphenyl-d14

Concen: 95.839 ng

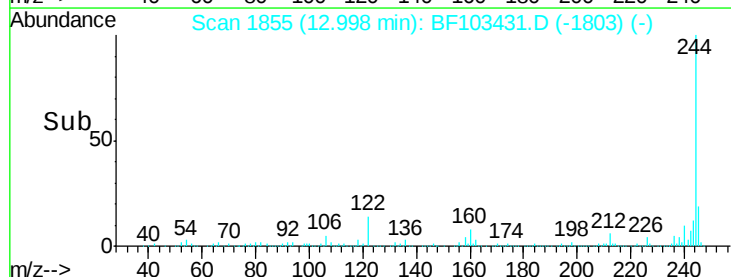
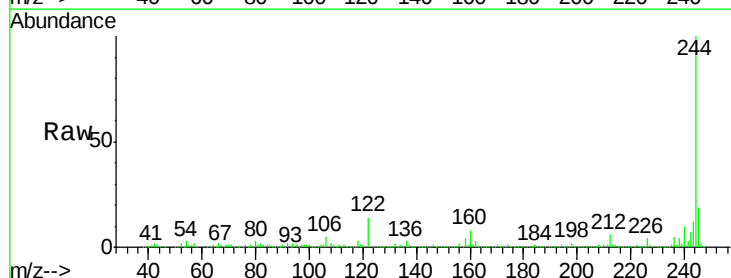
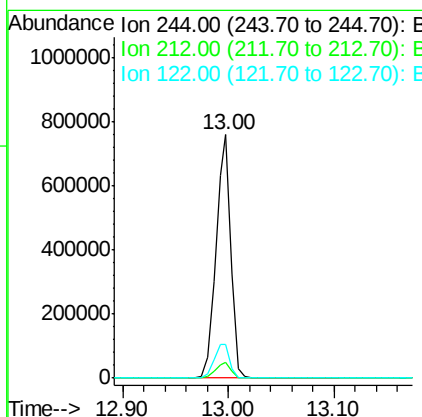
RT: 13.00 min Scan# 1855

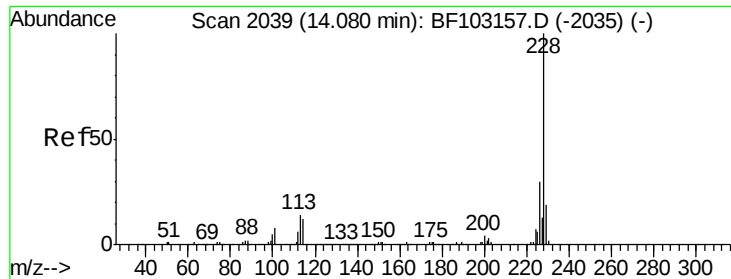
Delta R.T. 0.01 min

Lab File: BF103431.D

Acq: 6 Mar 2018 1:20

Tgt Ion:	244	Resp:	754775
Ion Ratio		Lower	Upper
244	100		
212	6.4	5.4	8.0
122	13.9	11.0	16.4





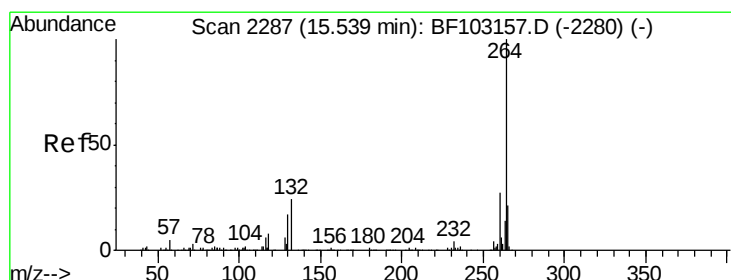
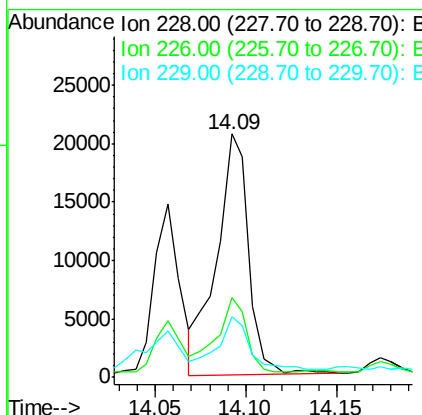
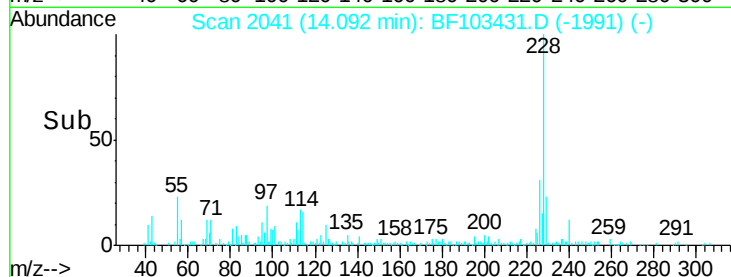
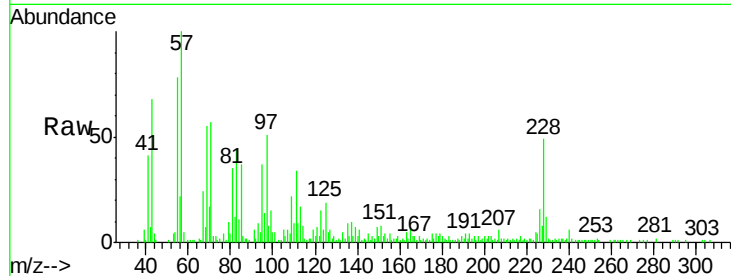
#82
Chrysene
Concen: 2.136 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF103431.D
Acq: 6 Mar 2018 1:20

Instrument :
BNA_F
ClientSampleId :
RO-72-11998

Tot Ion:	228	Resp:	25471
Ion Ratio	Lower	Upper	
228	100		
226	32.9	25.0	37.6
229	24.6	16.2	24.4

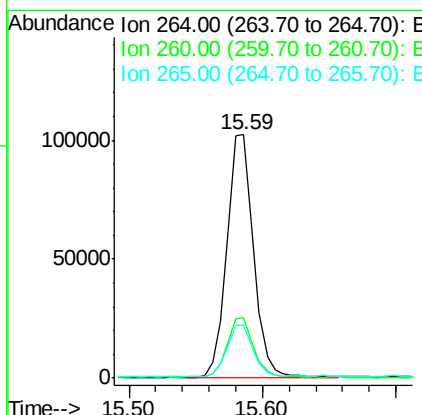
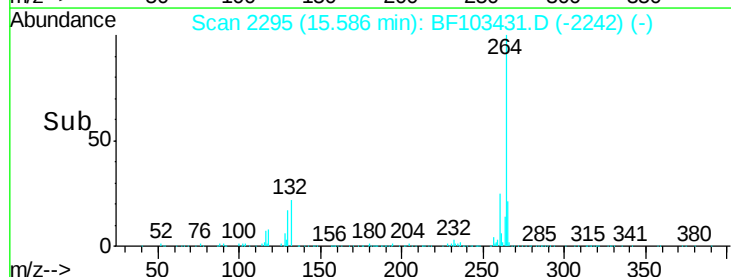
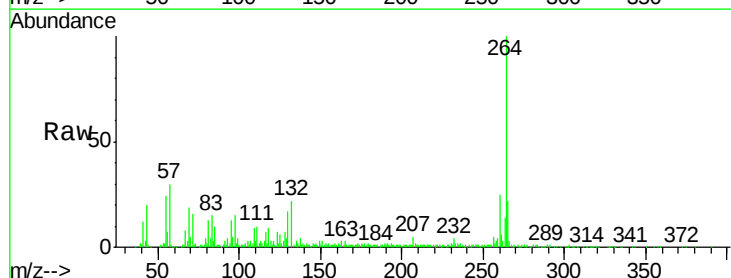
Manual Integrations
APPROVED

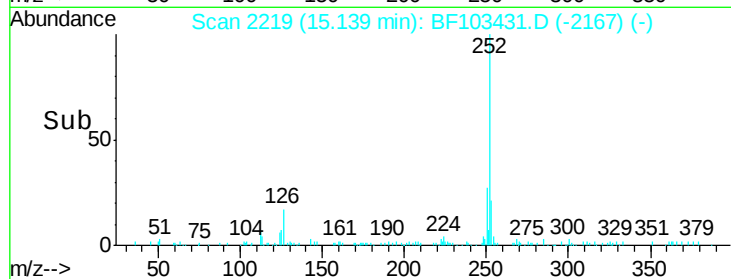
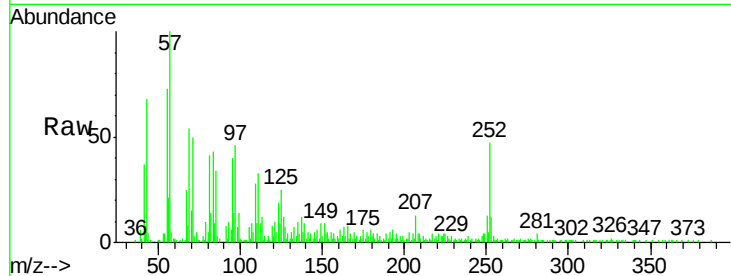
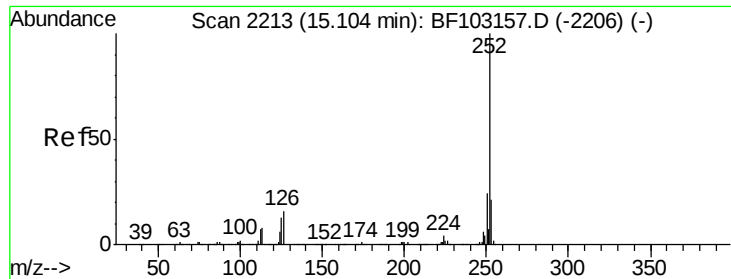
Sohil
3/6/2018 4:23:52 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.59 min Scan# 2295
Delta R.T. 0.01 min
Lab File: BF103431.D
Acq: 6 Mar 2018 1:20

Tgt Ion:	264	Resp:	143671
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.2	28.8
265	21.7	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 2.928 ng/mL

RT: 15.14 min Scan# 2219

Delta R.T. 0.01 min

Lab File: BF103431.D

Acq: 6 Mar 2018 1:20

Instrument :

BNA_F

ClientSampleId :

RO-72-11998

Tot Ion:	252	Resp:	27659
Ion Ratio	Lower	Upper	
252	100		
253	25.9	17.0	25.6#
125	52.4	9.0	13.6#

Manual Integrations
APPROVED

Sohil
3/6/2018 4:23:52 PM

