

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041718\
 Data File : BF104570.D
 Acq On : 17 Apr 2018 19:17
 Operator : JU/SJ
 Sample : J2411-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-3

Manual Integrations
 APPROVED

Sohil
 4/18/2018 3:00:47 PM

Quant Time: Apr 18 15:57:46 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 17 17:08:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	126919	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	506338	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	186707	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	305329	20.00	ng	0.00
75) Chrysene-d12	14.00	240	116377	20.00	ng	0.02
86) Perylene-d12	15.49	264	118034	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	834918	100.59	ng	0.00
7) Phenol-d6	6.45	99	1103096	108.16	ng	0.00
23) Nitrobenzene-d5	7.37	82	593022	76.48	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	186070	96.07	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	912576	77.21	ng	0.00
78) Terphenyl-d14	12.93	244	583425	114.29	ng	0.00
Target Compounds						
25) Isophorone	7.62	82	205704	12.545	ng	97
49) Dimethylphthalate	9.56	163	110637	7.514	ng	100
70) Phenanthrene	11.36	178	123971	7.291	ng	98
73) Di-n-butylphthalate	11.89	149	94541	4.582	ng	98
74) Fluoranthene	12.55	202	133390	7.508	ng	98
77) Pyrene	12.78	202	103026	11.943	ng	97
80) Benzo(a)anthracene	13.99	228	23502	3.380	ng	# 89
82) Chrysene	14.03	228	23295	3.262	ng	# 89
83) Bis(2-ethylhexyl)phthalate	13.97	149	72138	13.800	ng	# 88
85) Indeno(1,2,3-cd)pyrene	16.96	276	15671	2.583	ng	# 83

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

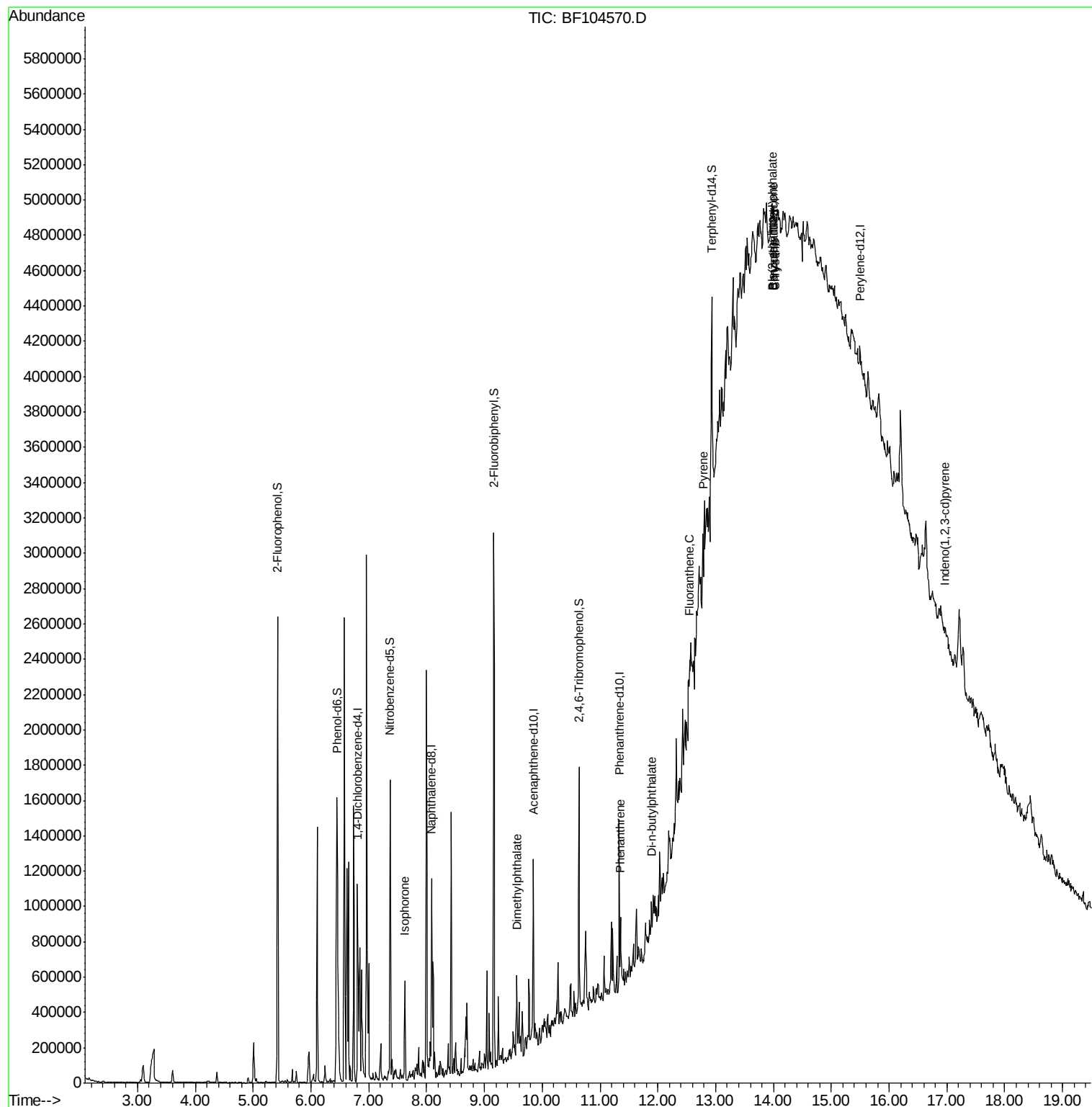
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041718\
Data File : BF104570.D
Acq On : 17 Apr 2018 19:17
Operator : JU/SJ
Sample : J2411-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

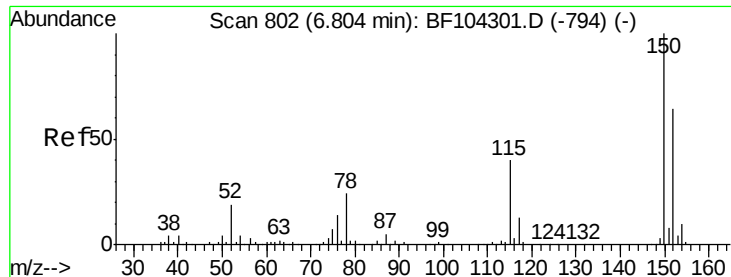
Instrument :
BNA_F
ClientSampleId :
DRUM-1-3

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#1

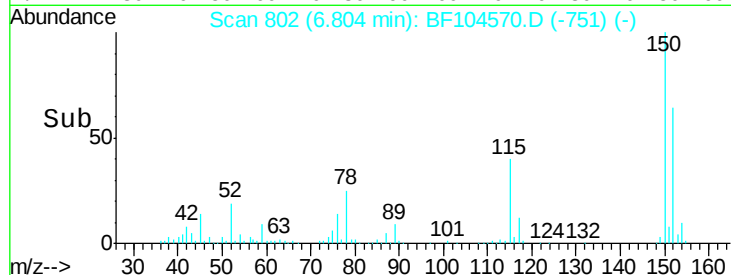
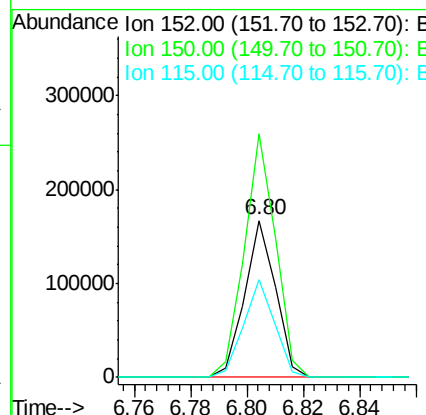
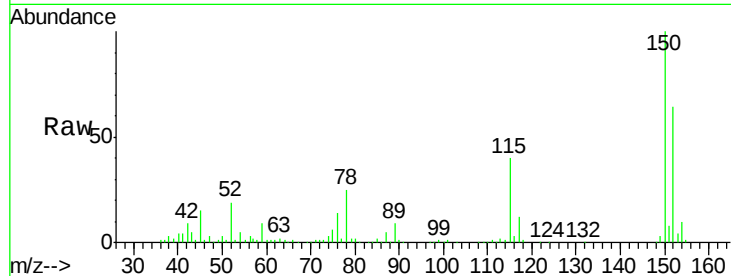
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104570.D
Acq: 17 Apr 2018 19:17

Instrument :
BNA_F
ClientSampleId :
DRUM-1-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	62.3	50.1	75.1

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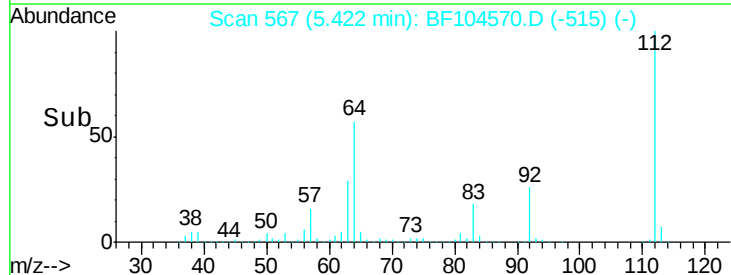
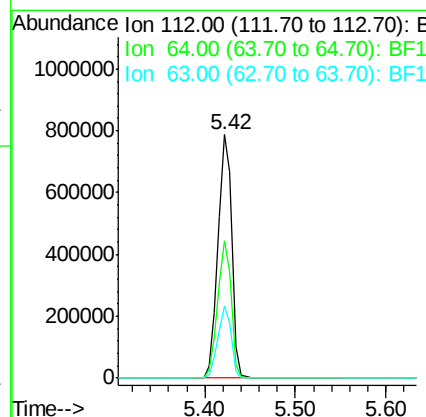
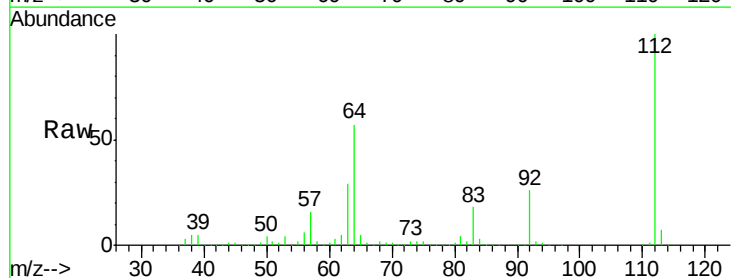
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#5

2-Fluorophenol
Concen: 100.587 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104570.D
Acq: 17 Apr 2018 19:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	47.9	71.9
63	29.5	23.7	35.5





#7

Phenol-d6

Concen: 108.162 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104570.D

Acq: 17 Apr 2018 19:17

Instrument :

BNA_F

ClientSampleId :

DRUM-1-3

Tot Ion: 99 Resp: 1103096

Ion Ratio Lower Upper

99 100

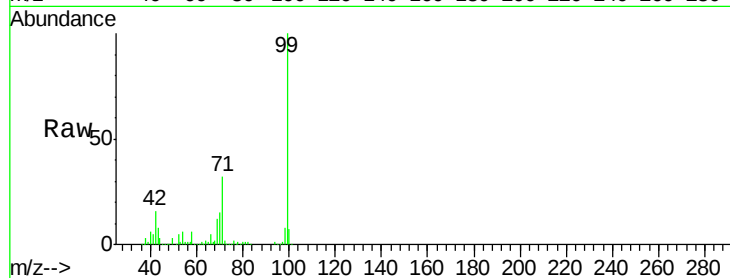
42 15.6 14.5 21.7

71 32.0 25.4 38.0

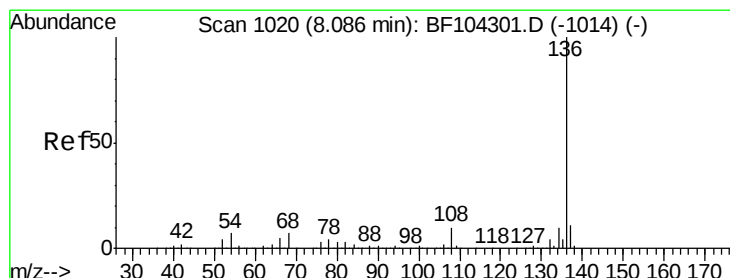
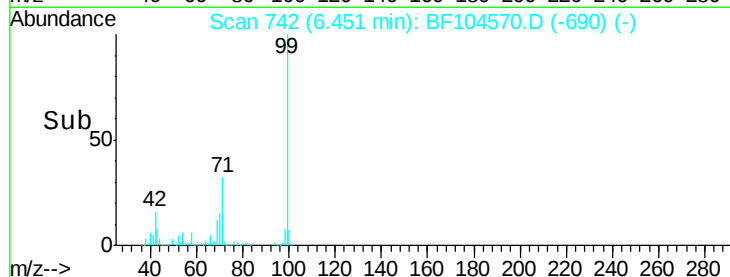
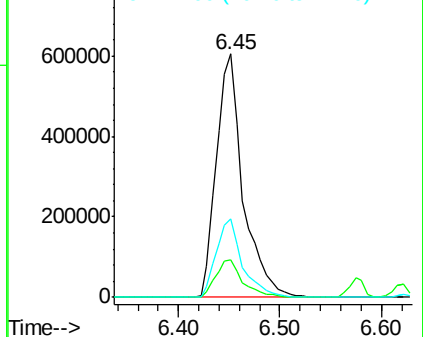
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF104570.D

Acq: 17 Apr 2018 19:17

Tgt Ion: 136 Resp: 506338

Ion Ratio Lower Upper

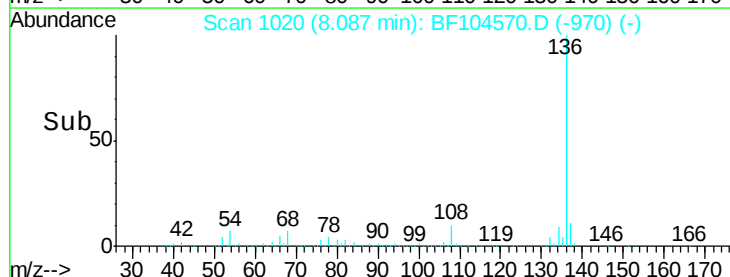
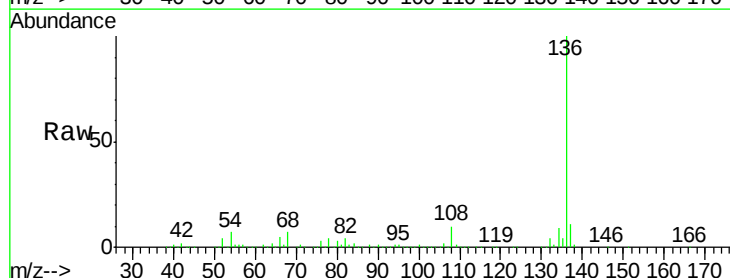
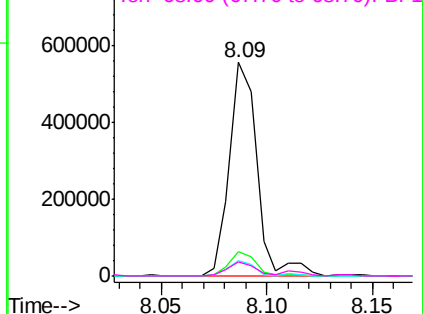
136 100

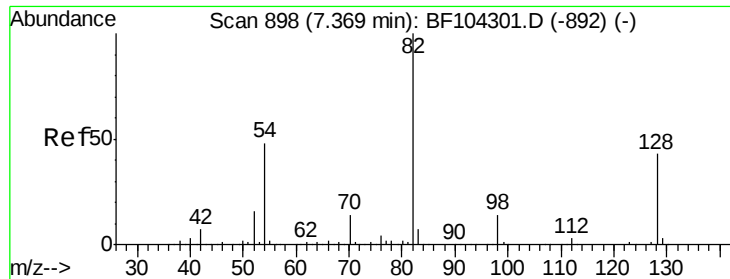
137 11.3 8.9 13.3

54 7.5 6.6 9.8

68 6.9 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





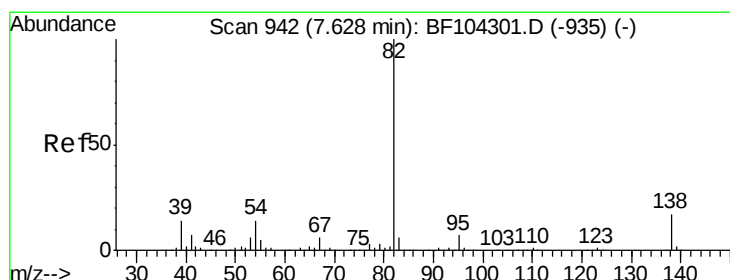
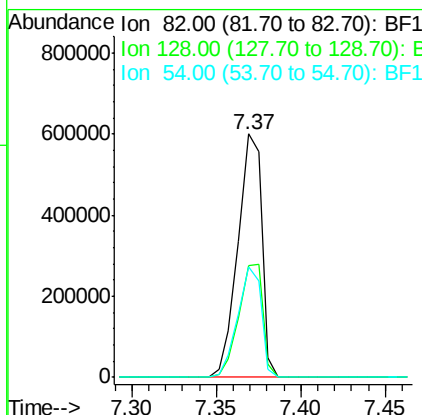
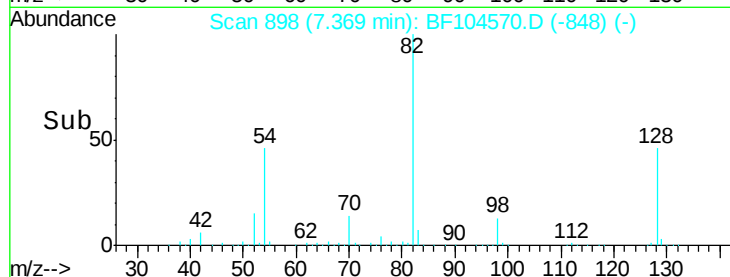
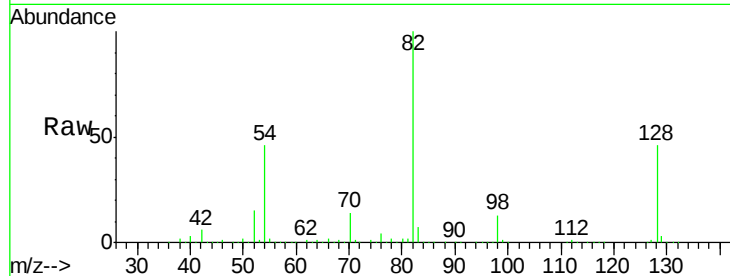
#23
Nitrobenzene-d5
Concen: 76.477 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104570.D
Acq: 17 Apr 2018 19:17

Instrument :
BNA_F
ClientSampled :
DRUM-1-3

Tot Ion	Ratio	Resp	Lower	Upper
82	100	593022		
128	45.7	36.1	54.1	
54	45.5	41.4	62.2	

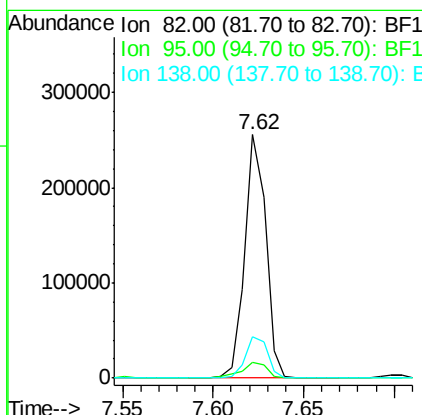
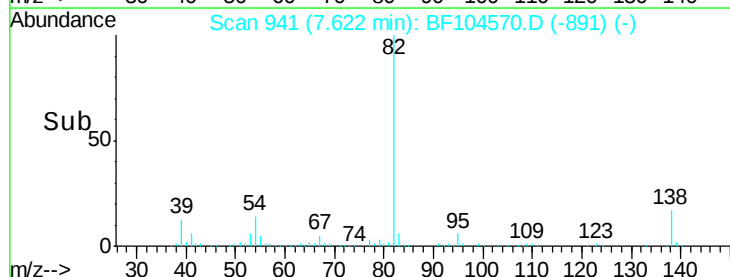
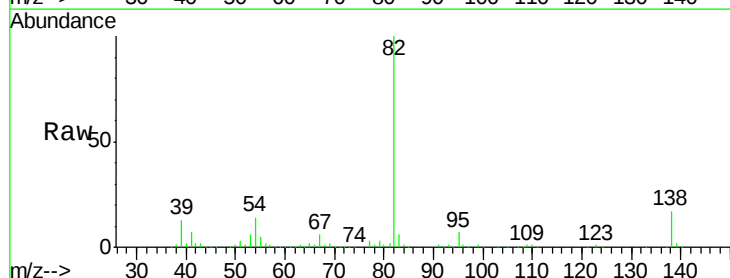
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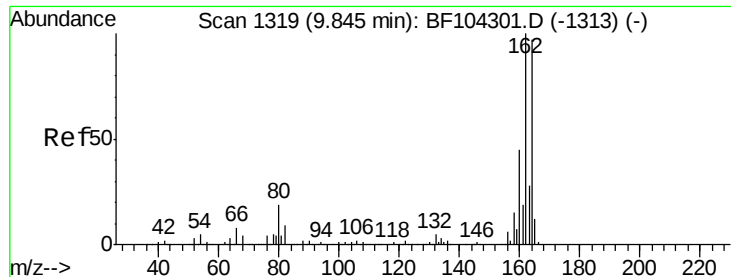
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#25
Isophorone
Concen: 12.545 ng
RT: 7.62 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF104570.D
Acq: 17 Apr 2018 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	205704		
95	6.7	5.2	7.8	
138	17.0	14.9	22.3	





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF104570.D

Acq: 17 Apr 2018 19:17

Instrument :

BNA_F

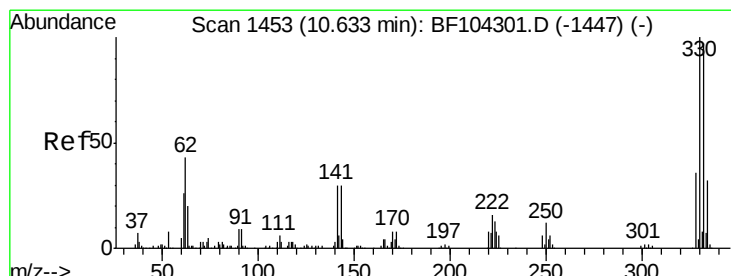
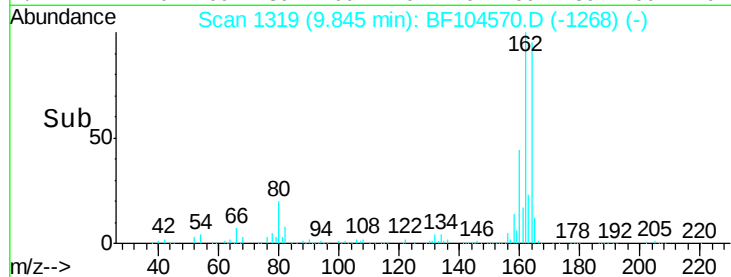
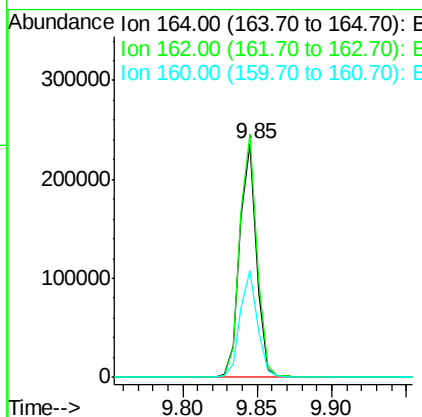
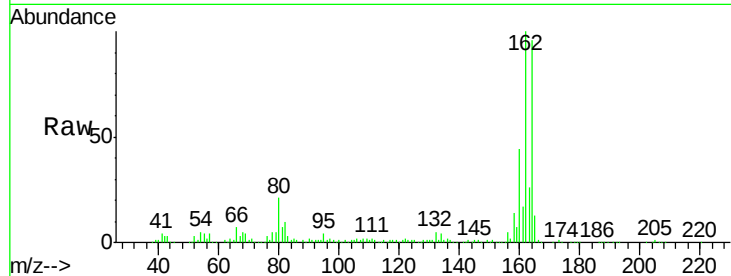
ClientSampleId :

DRUM-1-3

Tot Ion:	164	Resp:	186707
Ion Ratio	Lower	Upper	
164	100		
162	104.3	86.1	129.1
160	45.6	38.3	57.5

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#41

2,4,6-Tribromophenol

Concen: 96.073 ng

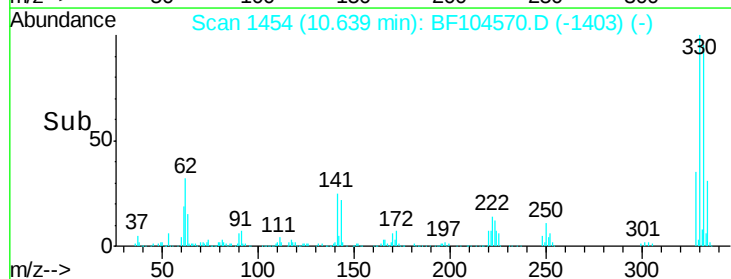
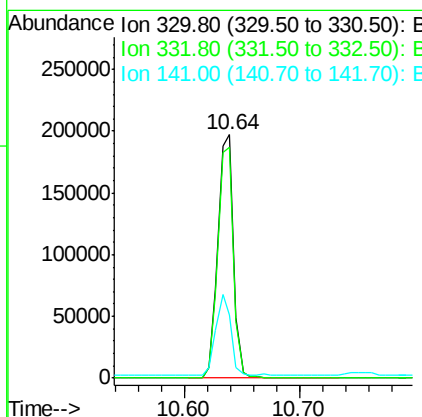
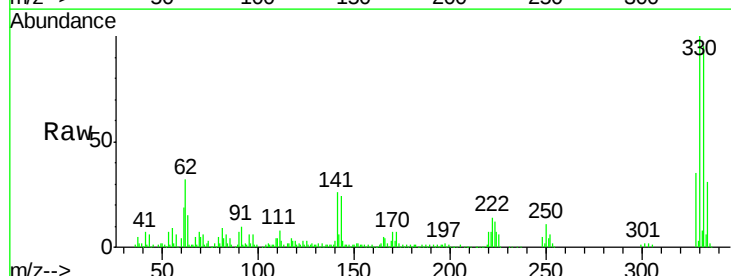
RT: 10.64 min Scan# 1454

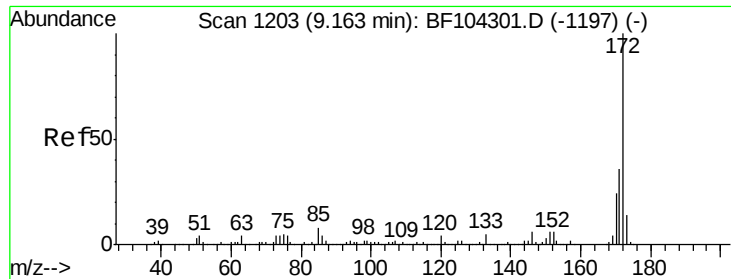
Delta R.T. 0.00 min

Lab File: BF104570.D

Acq: 17 Apr 2018 19:17

Tgt Ion:	330	Resp:	186070
Ion Ratio	Lower	Upper	
330	100		
332	95.5	77.0	115.6
141	32.8	29.9	44.9





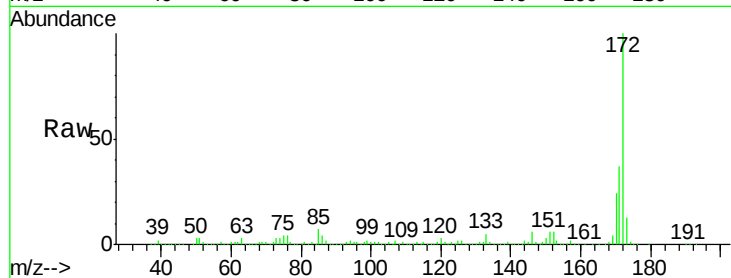
#44
2-Fluorobiphenyl
Concen: 77.214 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF104570.D
Acq: 17 Apr 2018 19:17

Instrument :
BNA_F
ClientSampled :
DRUM-1-3

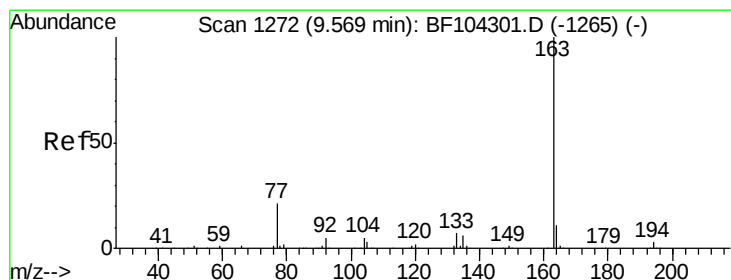
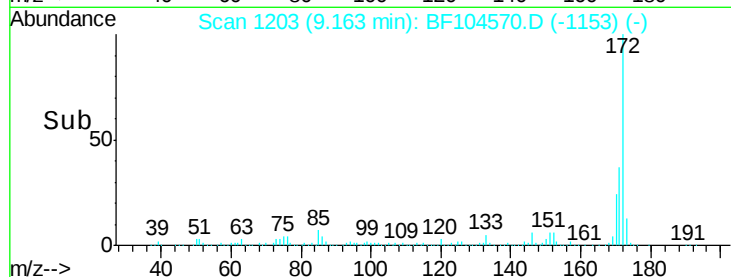
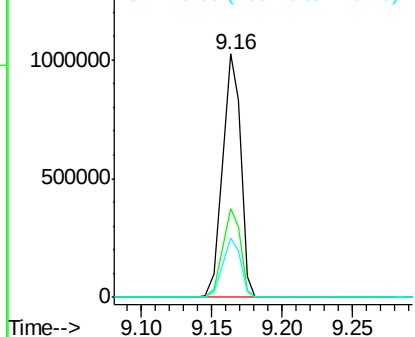
Tot Ion	Ratio	Resp	Lower	Upper
172	100	912576		
171	36.6		29.7	44.5
170	24.3		19.6	29.4

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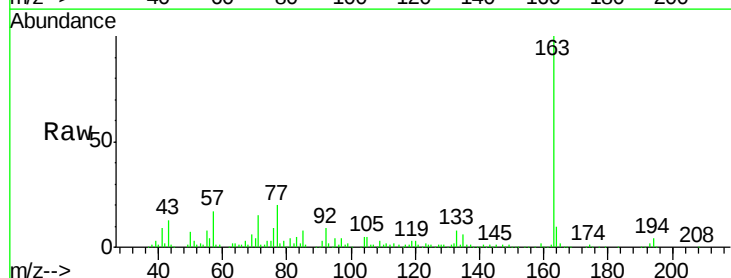


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

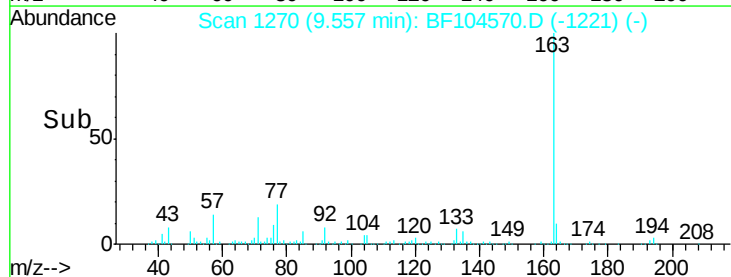
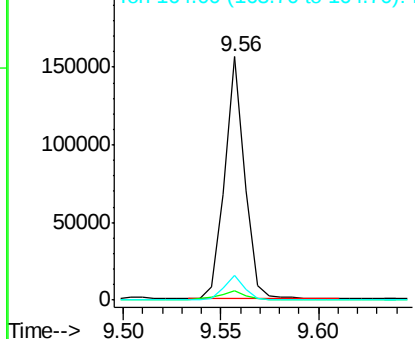


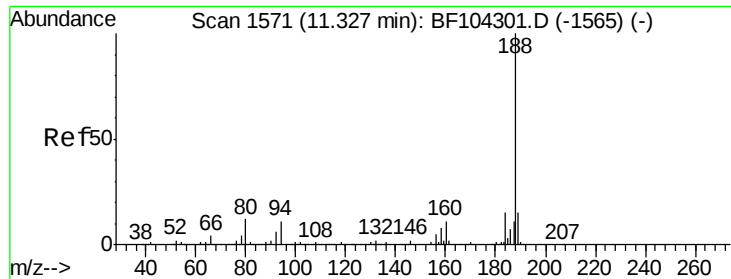
#49
Dimethylphthalate
Concen: 7.514 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104570.D
Acq: 17 Apr 2018 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	110637		
194	3.8		2.7	4.1
164	10.1		8.2	12.2



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: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF104570.D

Acq: 17 Apr 2018 19:17

Instrument :

BNA_F

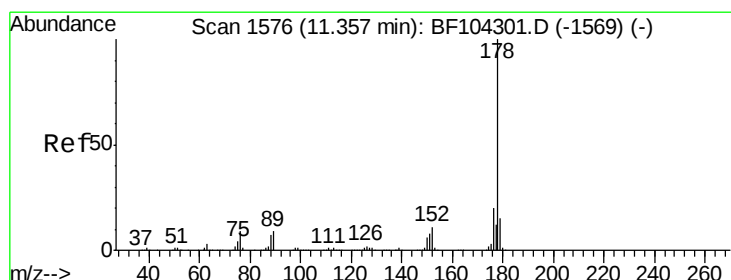
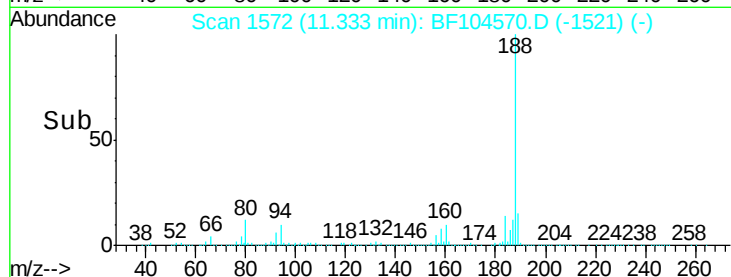
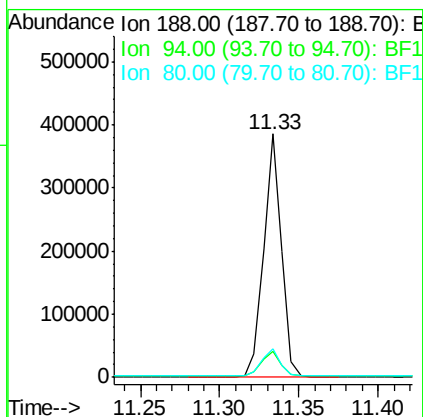
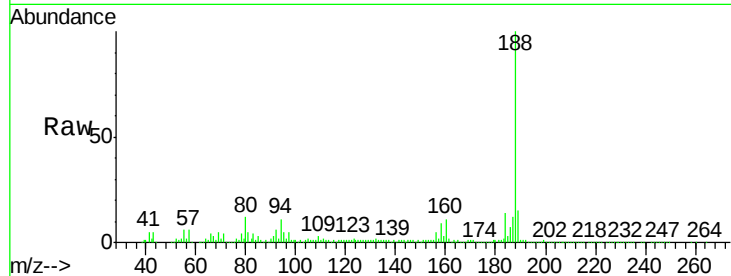
ClientSampleId :

DRUM-1-3

Tot Ion:	188	Resp:	305329
Ion Ratio	Lower	Upper	
188	100		
94	10.8	8.5	12.7
80	12.0	9.2	13.8

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#70

Phenanthrene

Concen: 7.291 ng

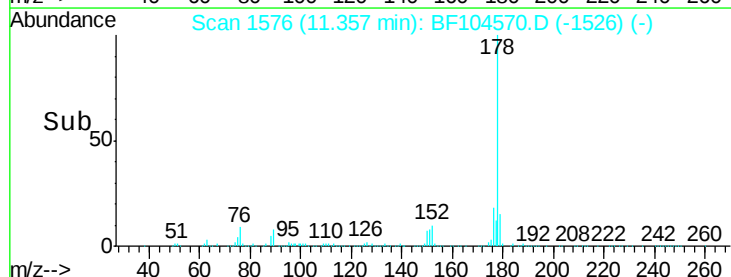
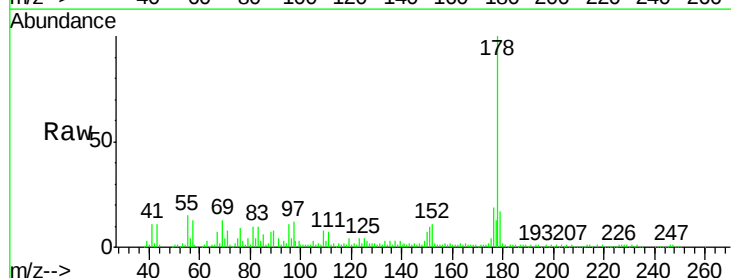
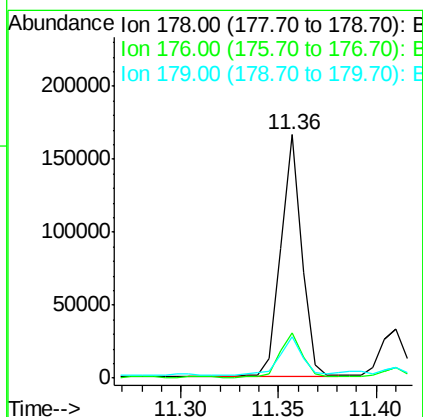
RT: 11.36 min Scan# 1576

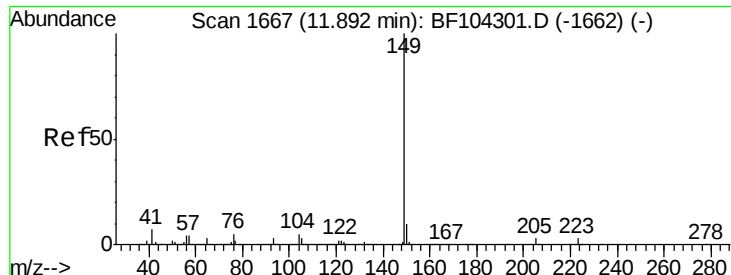
Delta R.T. -0.01 min

Lab File: BF104570.D

Acq: 17 Apr 2018 19:17

Tgt Ion:	178	Resp:	123971
Ion Ratio	Lower	Upper	
178	100		
176	18.8	15.8	23.8
179	16.8	13.0	19.6





#73

Di-n-butylphthalate

Concen: 4.582 ng

RT: 11.89 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BF104570.D

Acq: 17 Apr 2018 19:17

Instrument :

BNA_F

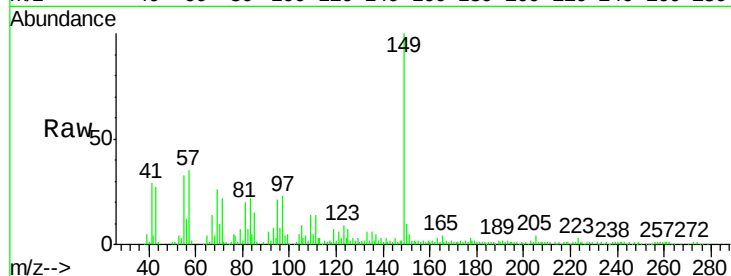
ClientSampleId :

DRUM-1-3

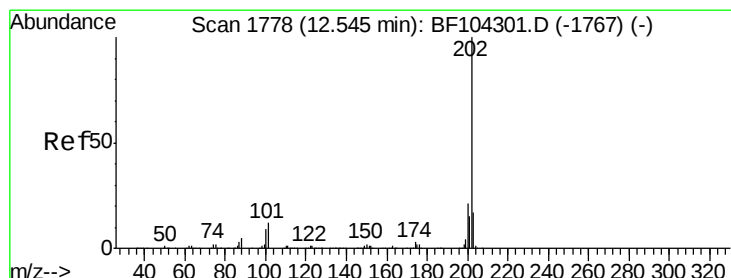
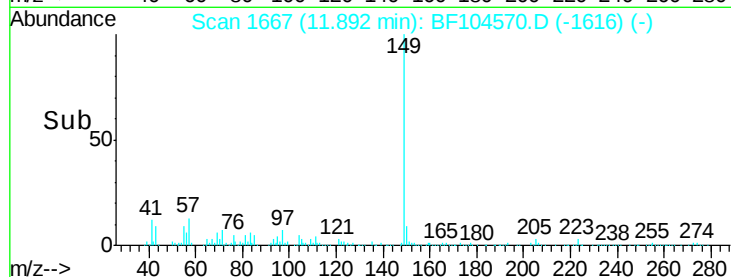
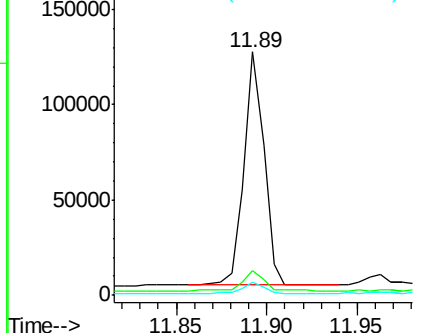
Tot Ion:	149	Resp:	94541
Ion Ratio	Lower	Upper	
149	100		
150	10.2	7.8	11.6
104	5.3	3.8	5.8

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 7.508 ng

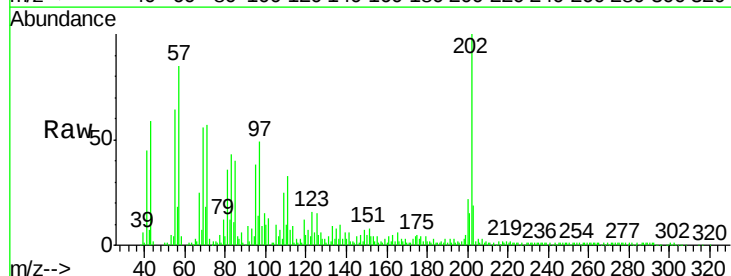
RT: 12.55 min Scan# 1779

Delta R.T. 0.00 min

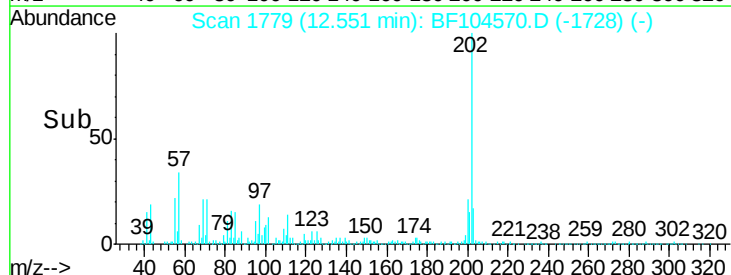
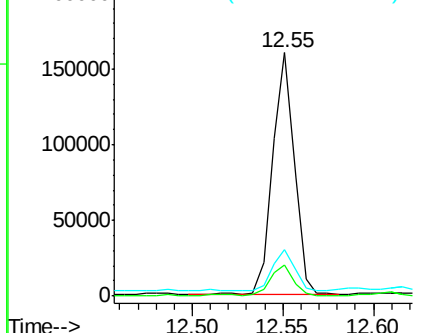
Lab File: BF104570.D

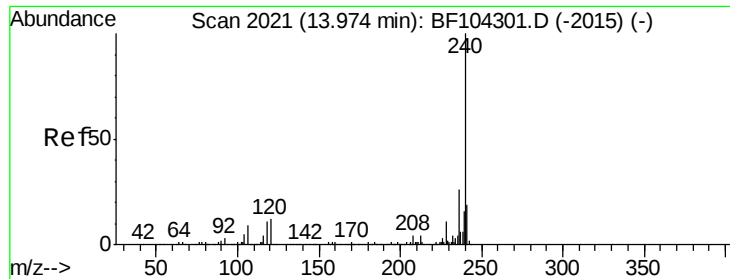
Acq: 17 Apr 2018 19:17

Tgt Ion:	202	Resp:	133390
Ion Ratio	Lower	Upper	
202	100		
101	12.9	0.0	34.1
203	18.9	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: 14.00 min Scan# 2026

Delta R.T. 0.02 min

Lab File: BF104570.D

Acq: 17 Apr 2018 19:17

Instrument :

BNA_F

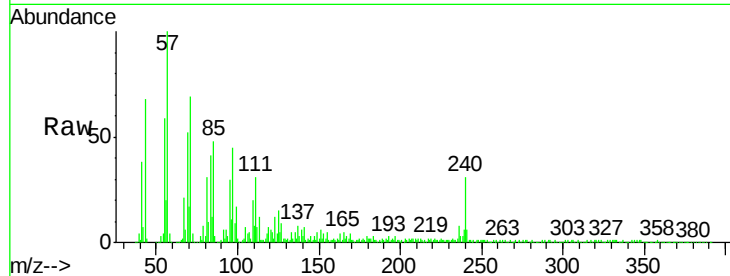
ClientSampleId :

DRUM-1-3

Tot Ion	Ratio	Lower	Upper
240	100		
120	18.1	9.5	14.3
236	26.9	20.7	31.1

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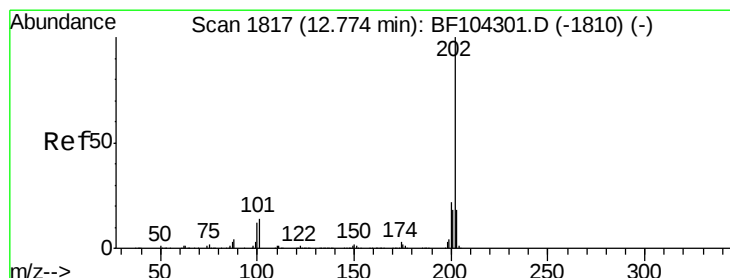
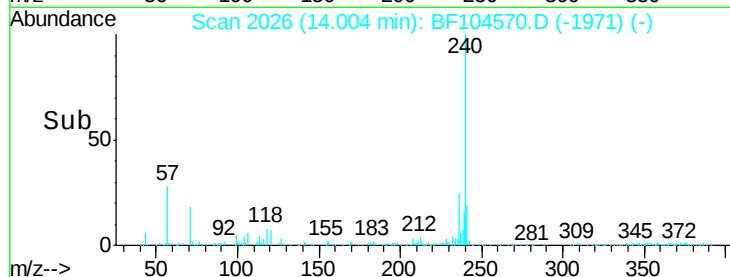
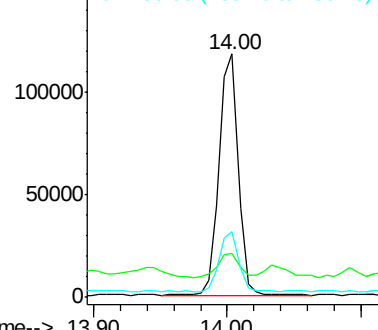


Abundance

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

Pyrene

Concen: 11.943 ng

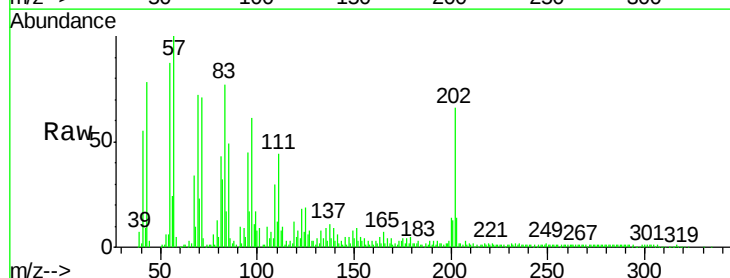
RT: 12.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF104570.D

Acq: 17 Apr 2018 19:17

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	20.5	14.3	21.5

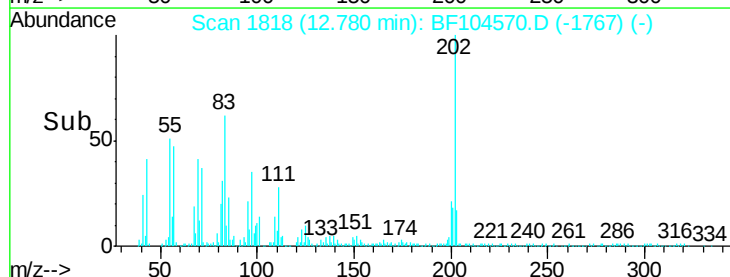
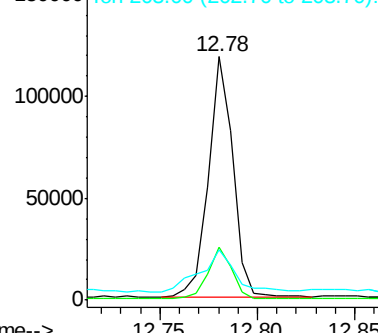


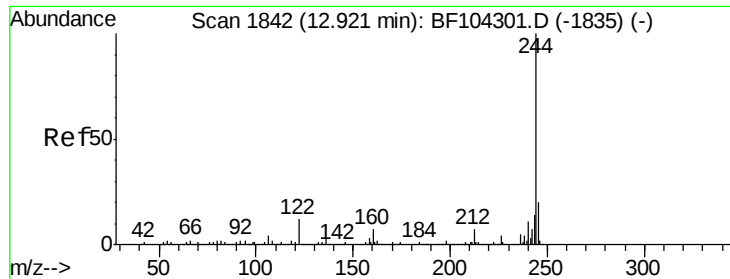
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





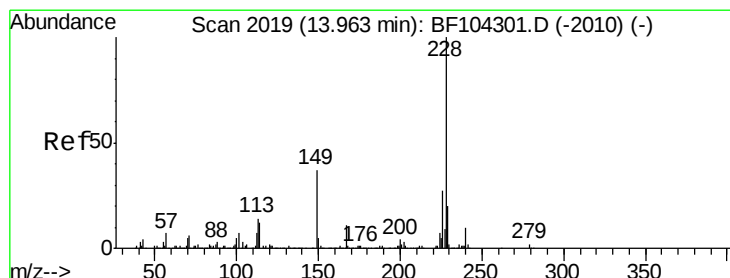
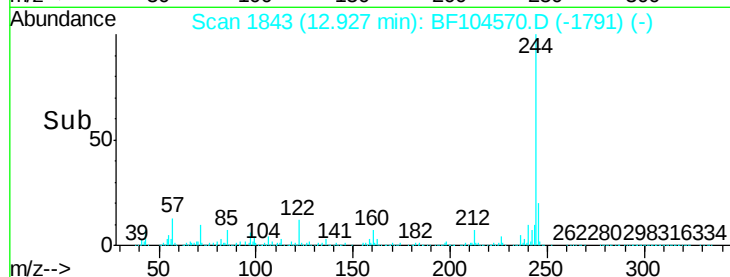
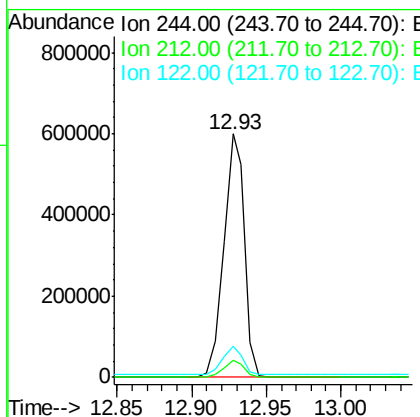
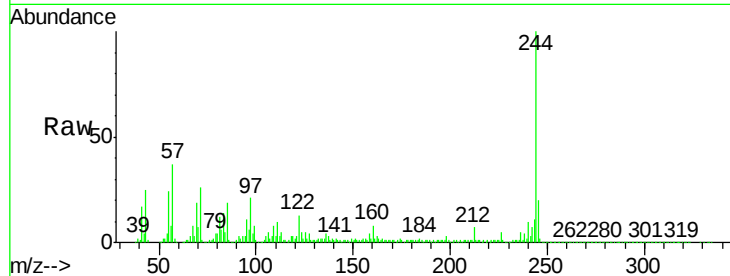
#78
 Terphenyl-d14
 Concen: 114.293 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF104570.D
 Acq: 17 Apr 2018 19:17

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-3

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.8	11.0	16.4

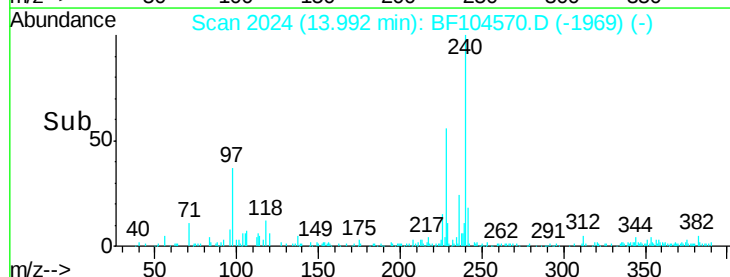
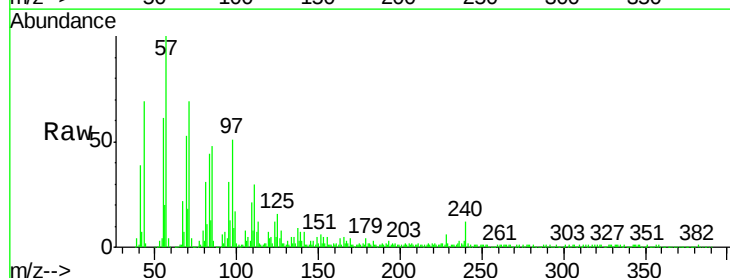
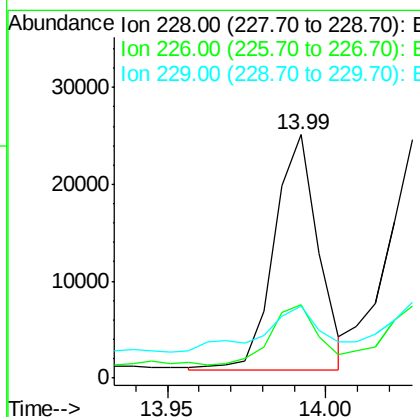
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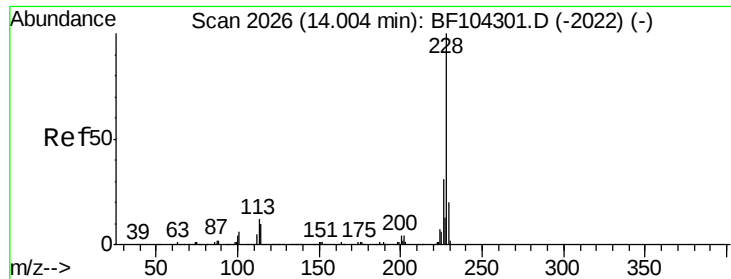
Sohil
 4/18/2018 3:00:47 PM



#80
 Benzo(a)anthracene
 Concen: 3.380 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.02 min
 Lab File: BF104570.D
 Acq: 17 Apr 2018 19:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.6	33.8
229	29.8	15.8	23.6





#82

Chrysene

Concen: 3.262 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.02 min

Lab File: BF104570.D

Acq: 17 Apr 2018 19:17

Instrument :

BNA_F

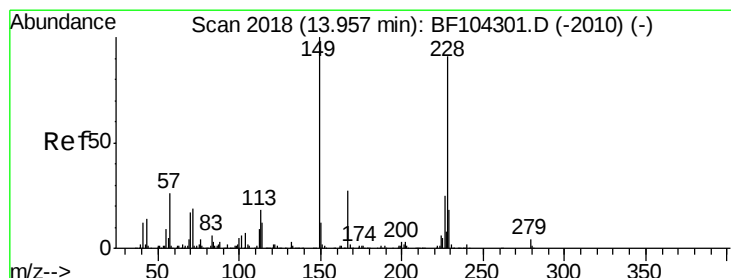
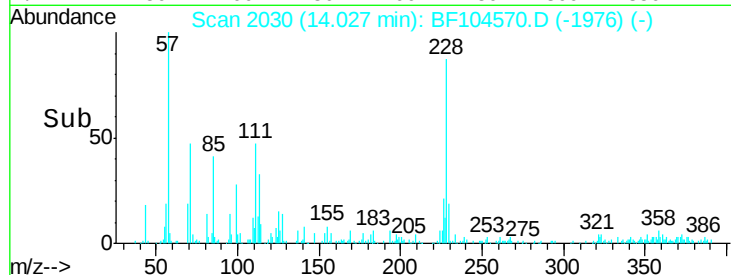
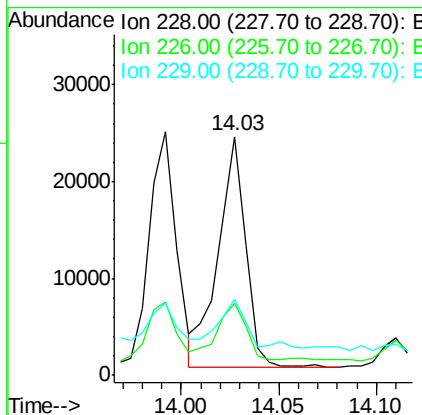
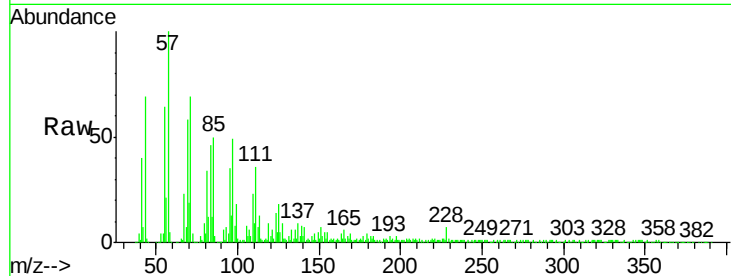
ClientSampleId :

DRUM-1-3

Tot Ion:	228	Resp:	23295
Ion Ratio	Lower	Upper	
228	100		
226	29.9	25.0	37.6
229	31.7	16.2	24.4#

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#83

Bis(2-ethylhexyl)phthalate

Concen: 13.800 ng

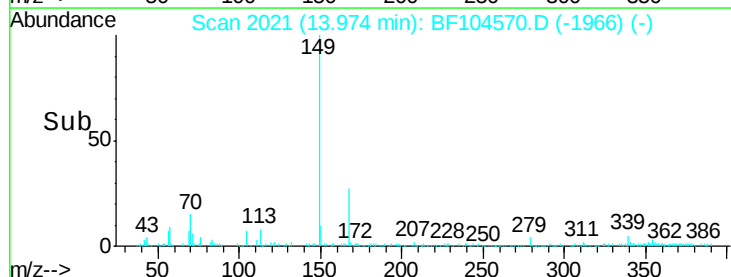
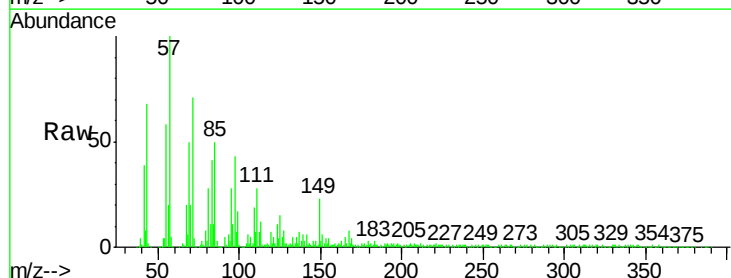
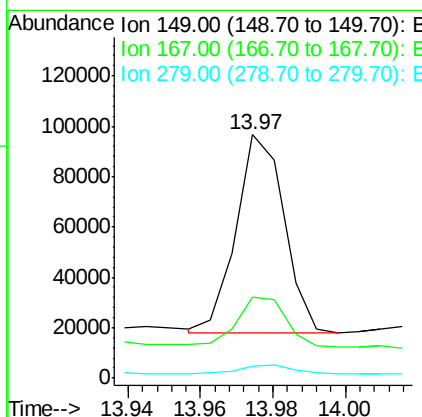
RT: 13.97 min Scan# 2021

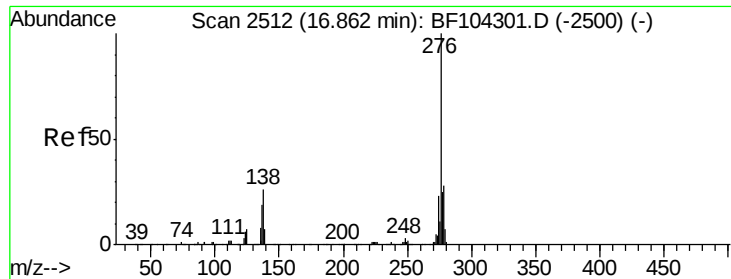
Delta R.T. 0.02 min

Lab File: BF104570.D

Acq: 17 Apr 2018 19:17

Tgt Ion:	149	Resp:	72138
Ion Ratio	Lower	Upper	
149	100		
167	33.3	21.3	31.9#
279	5.1	3.0	4.4#





#85

Indeno(1,2,3-cd)pyrene

Concen: 2.583 ng

RT: 16.96 min Scan# 2529

Delta R.T. 0.07 min

Lab File: BF104570.D

Acq: 17 Apr 2018 19:17

Instrument :

BNA_F

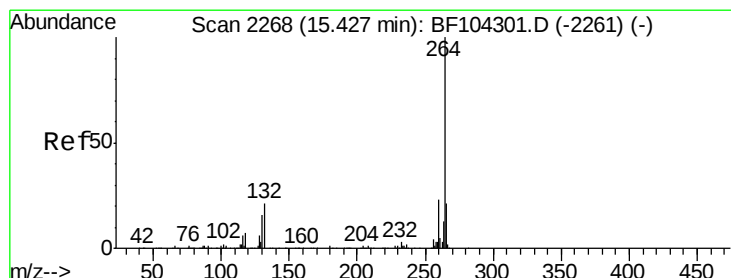
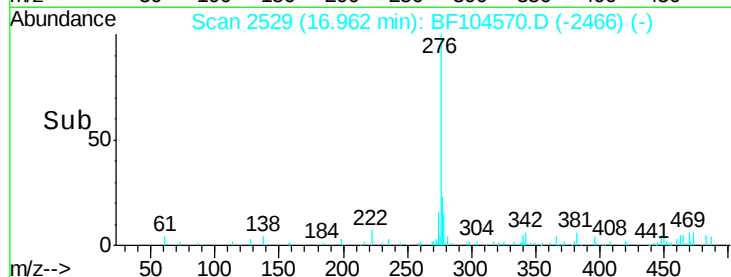
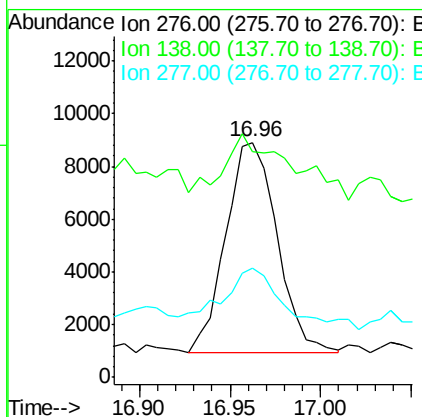
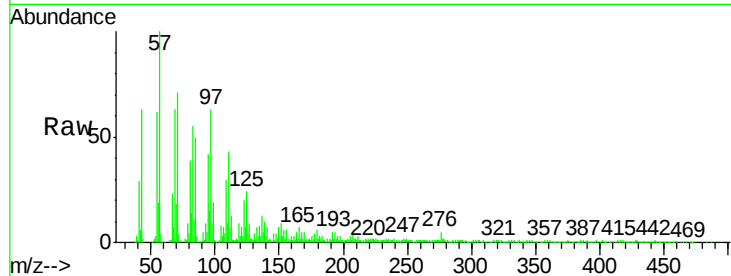
ClientSampled :

DRUM-1-3

Tot Ion:	276	Resp:	15671
Ion Ratio	Lower	Upper	
276	100		
138	38.6	25.0	37.6#
277	35.9	20.1	30.1#

Manual Integrations
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#86

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. 0.05 min

Lab File: BF104570.D

Acq: 17 Apr 2018 19:17

Tgt Ion:	264	Resp:	118034
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.2	28.8
265	23.3	17.5	26.3

