

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104319.D
 Acq On : 6 Apr 2018 21:30
 Operator : JU/SJ
 Sample : J2231-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 42ND-STREET

Manual Integrations
 APPROVED

Sohil
 4/9/2018 11:18:31 AM

Quant Time: Apr 07 00:11:58 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 16:44:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	128103	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	509120	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	211919	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	276554	20.00	ng	0.00
75) Chrysene-d12	13.97	240	264206	20.00	ng	0.00
86) Perylene-d12	15.42	264	267506	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	963356	114.99	ng	0.01
7) Phenol-d6	6.43	99	1188756	115.48	ng	0.00
23) Nitrobenzene-d5	7.37	82	696920	89.38	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	218560	99.42	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1080984	80.58	ng	0.00
78) Terphenyl-d14	12.92	244	677019	58.42	ng	0.00
Target Compounds						
10) Phenol	6.44	94	23885	2.187	ng	97
49) Dimethylphthalate	9.56	163	101706	6.086	ng	# 98
70) Phenanthrene	11.36	178	38260	2.484	ng	# 82
74) Fluoranthene	12.55	202	81858	5.087	ng	94
77) Pyrene	12.77	202	87630	4.475	ng	97
80) Benzo(a)anthracene	13.96	228	41642	2.638	ng	99
82) Chrysene	14.00	228	37227	2.296	ng	99
87) Benzo(b)fluoranthene	15.00	252	43308m	2.563	ng	

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

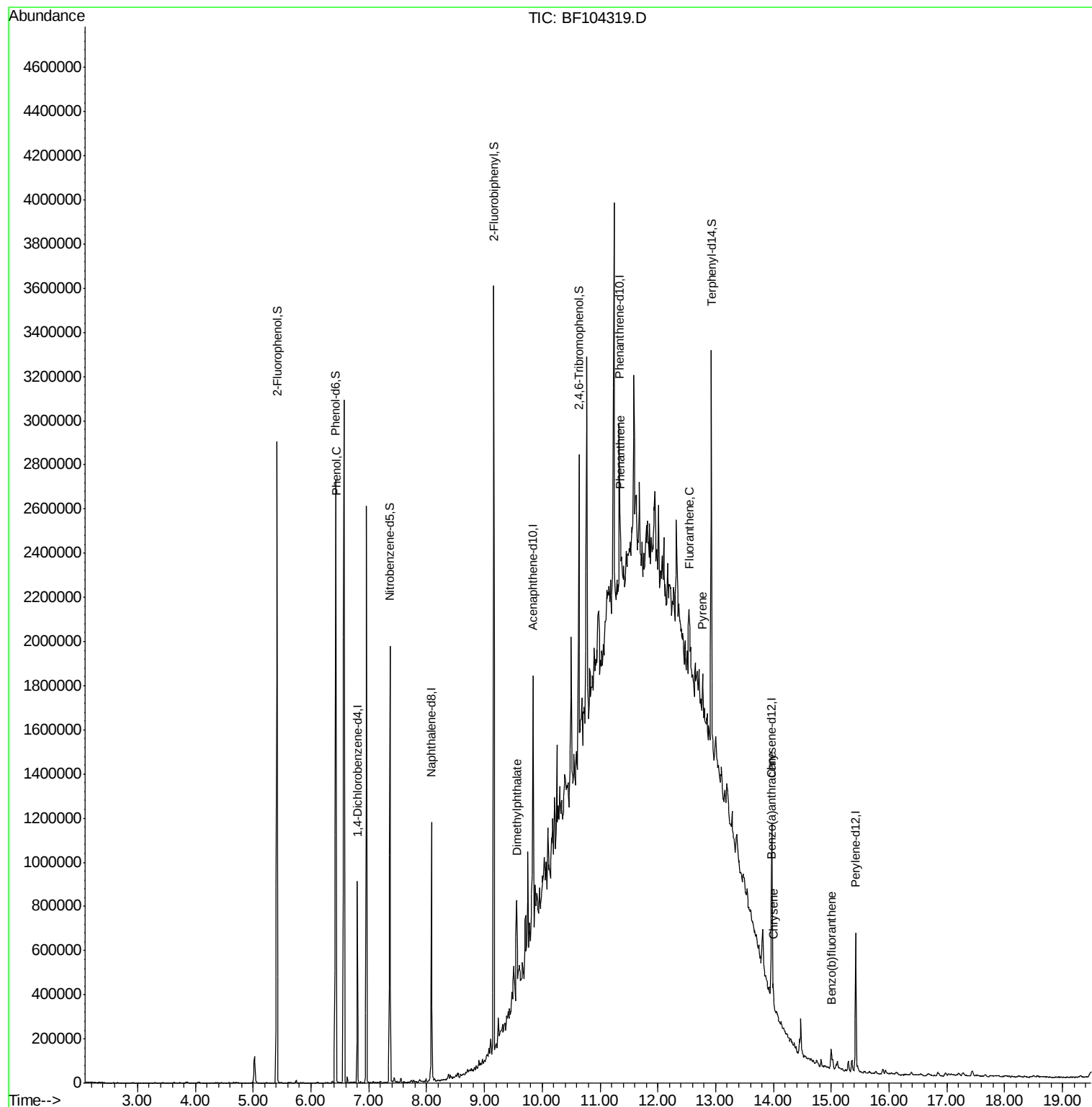
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
Data File : BF104319.D
Acq On : 6 Apr 2018 21:30
Operator : JU/SJ
Sample : J2231-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

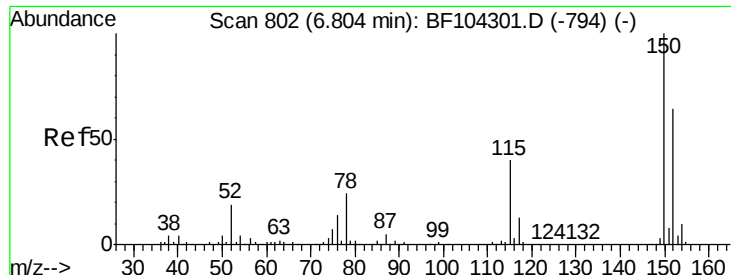
Instrument :
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ClientSampleId :
42ND-STREET

Manual Integrations
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4/9/2018 11:18:31 AM

Quant Time: Apr 07 00:11:58 2018
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#1

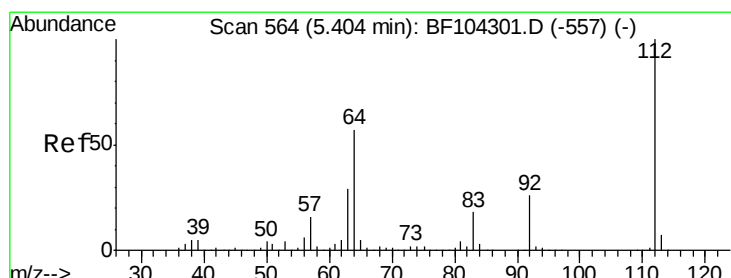
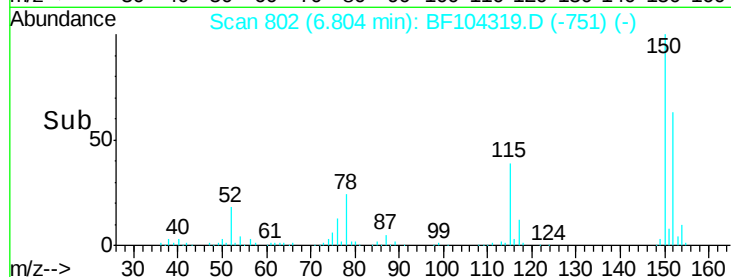
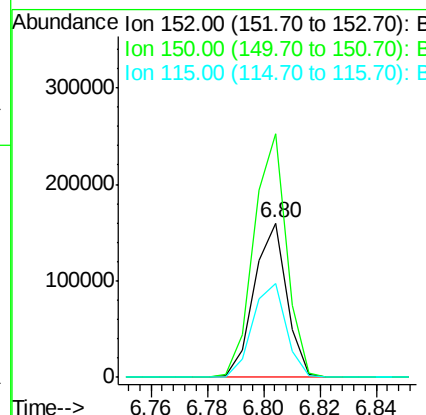
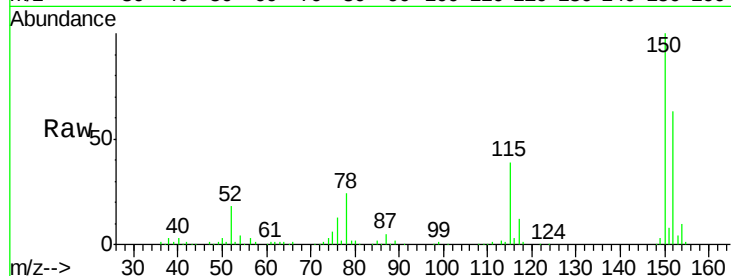
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104319.D
Acq: 6 Apr 2018 21:30

Instrument :
BNA_F
ClientSampleId :
42ND-STREET

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	61.1	50.1	75.1

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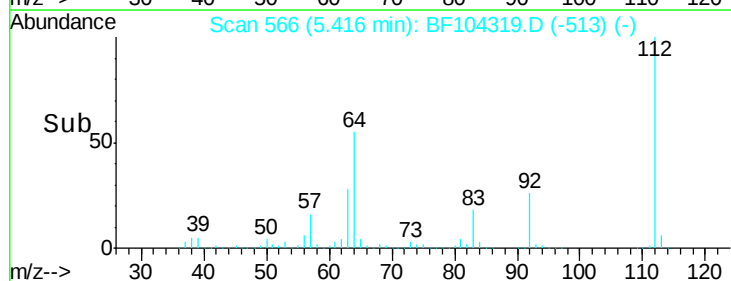
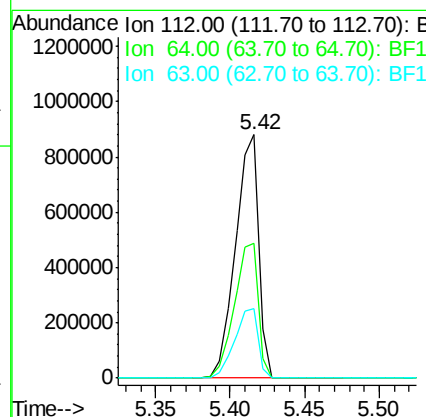
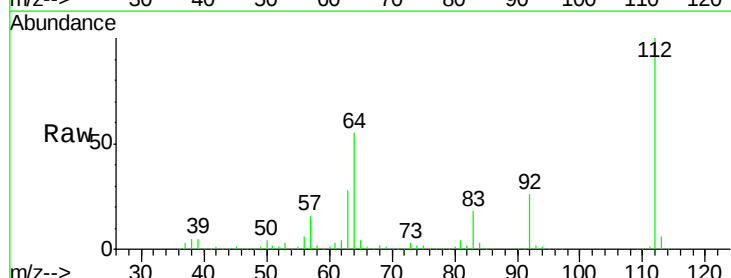
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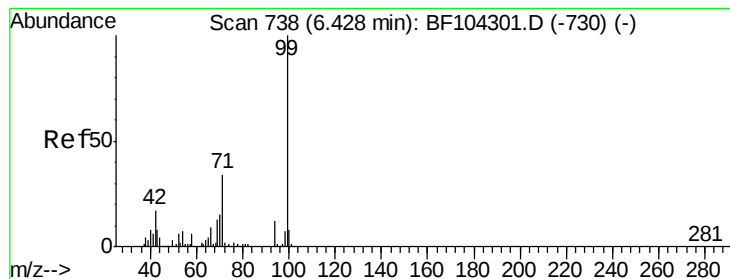


#5

2-Fluorophenol
Concen: 114.988 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF104319.D
Acq: 6 Apr 2018 21:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.1	47.9	71.9
63	28.3	23.7	35.5





#7

Phenol-d6

Concen: 115.483 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF104319.D

Acq: 6 Apr 2018 21:30

Instrument :

BNA_F

ClientSampleId :

42ND-STREET

Tot Ion: 99 Resp: 1188756

Ion Ratio Lower Upper

99 100

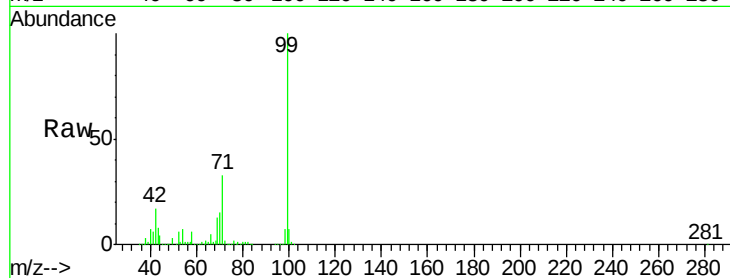
42 17.0 14.5 21.7

71 33.4 25.4 38.0

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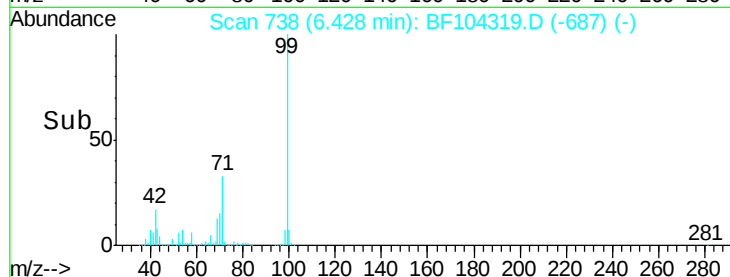
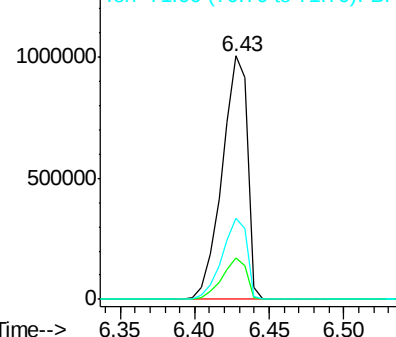
4/9/2018 11:18:31 AM



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



#10

Phenol

Concen: 2.187 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF104319.D

Acq: 6 Apr 2018 21:30

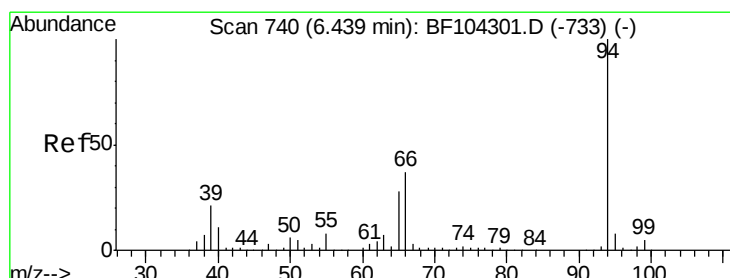
Tgt Ion: 94 Resp: 23885

Ion Ratio Lower Upper

94 100

65 25.5 7.9 47.9

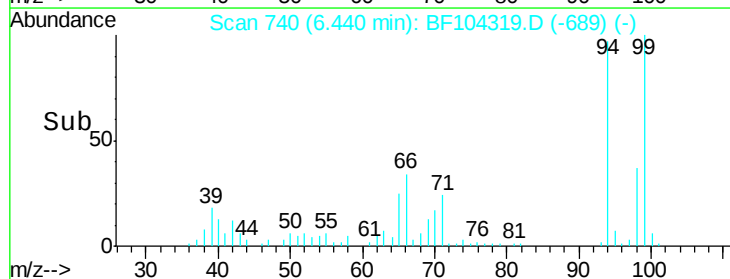
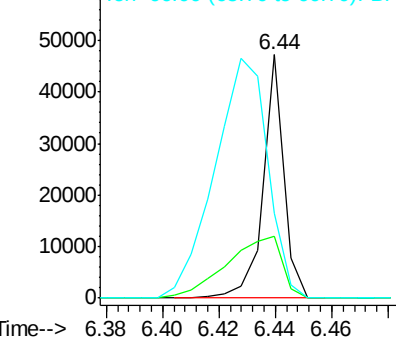
66 35.0 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





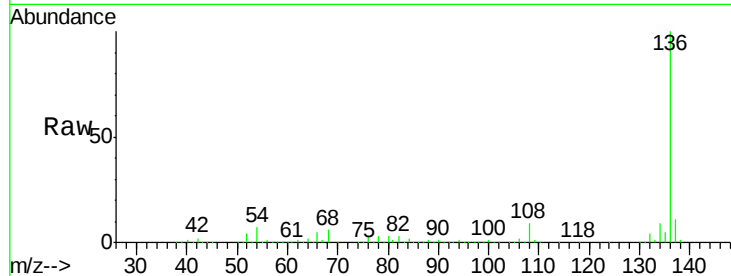
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF104319.D
Acq: 6 Apr 2018 21:30

Instrument :
BNA_F
ClientSampleId :
42ND-STREET

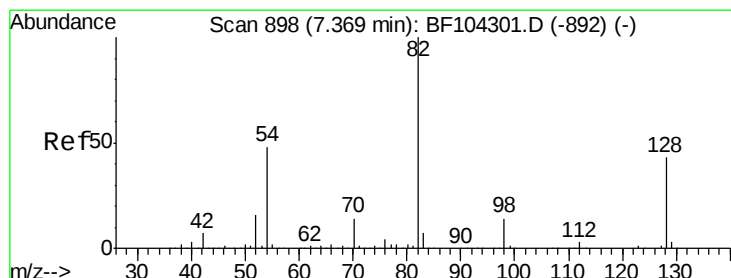
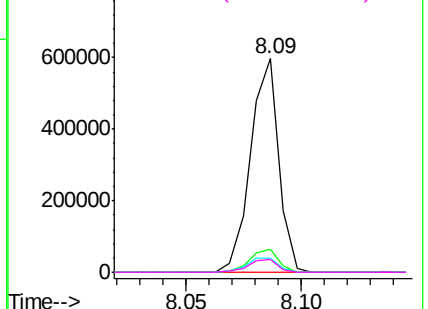
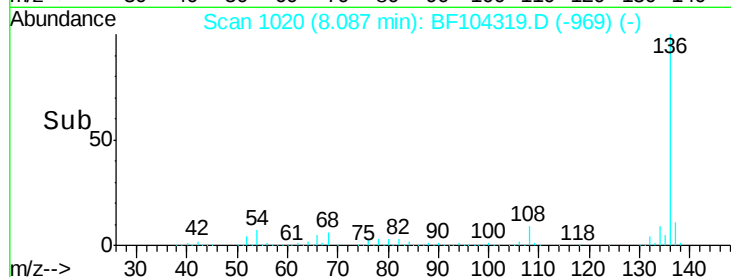
Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.6	6.6	9.8
68	5.9	5.0	7.4

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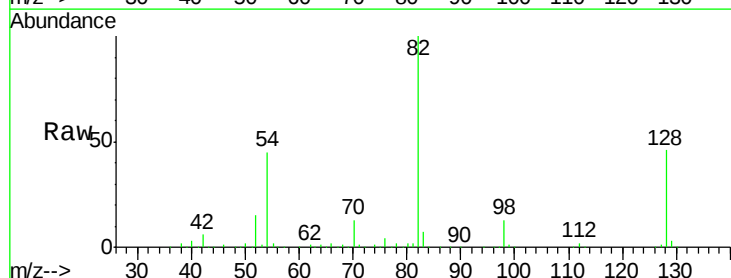


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

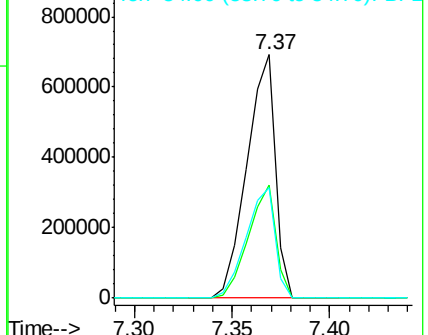
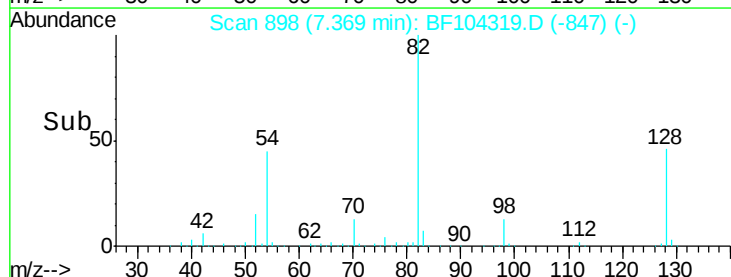


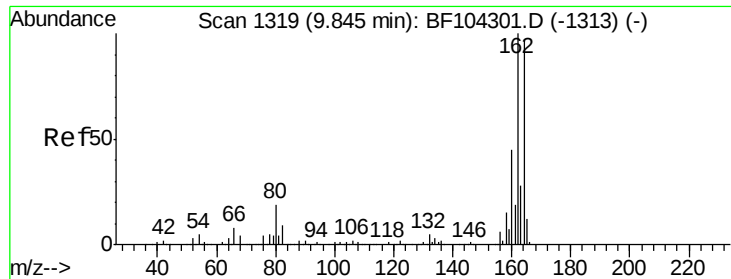
#23
Nitrobenzene-d5
Concen: 89.385 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF104319.D
Acq: 6 Apr 2018 21:30

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	46.4	36.1	54.1
54	45.3	41.4	62.2



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF104319.D

Acq: 6 Apr 2018 21:30

Instrument :

BNA_F

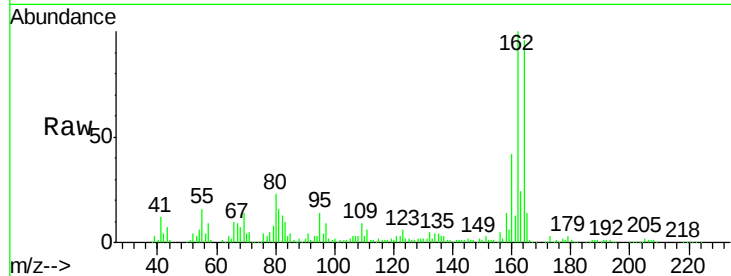
ClientSampleId :

42ND-STREET

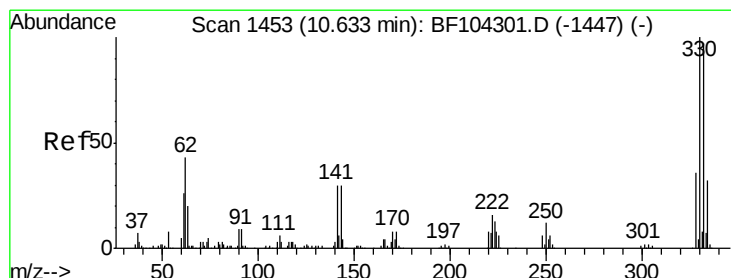
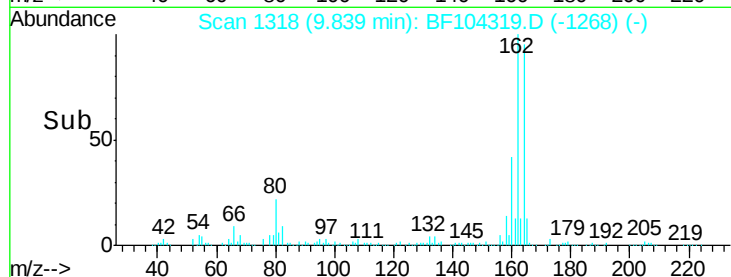
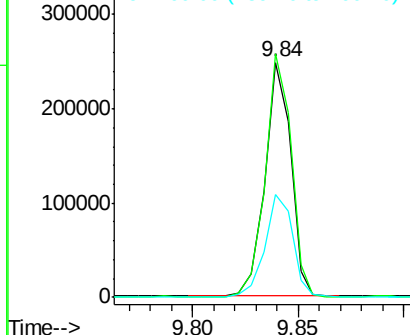
Tot Ion:	164	Resp:	211919
Ion Ratio	Lower	Upper	
164	100		
162	103.8	86.1	129.1
160	43.8	38.3	57.5

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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



#41

2,4,6-Tribromophenol

Concen: 99.423 ng

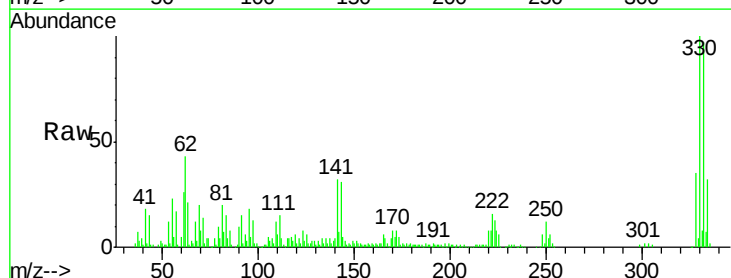
RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

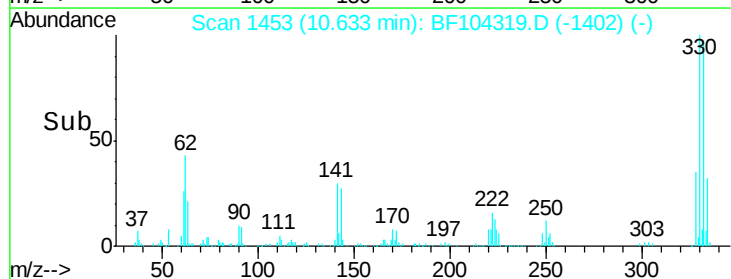
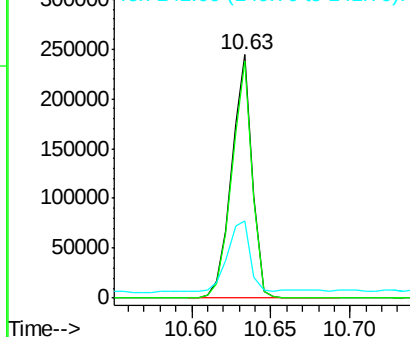
Lab File: BF104319.D

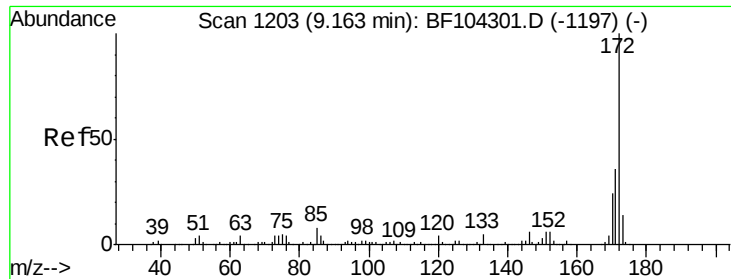
Acq: 6 Apr 2018 21:30

Tgt Ion:	330	Resp:	218560
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.0	115.6
141	33.5	29.9	44.9



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





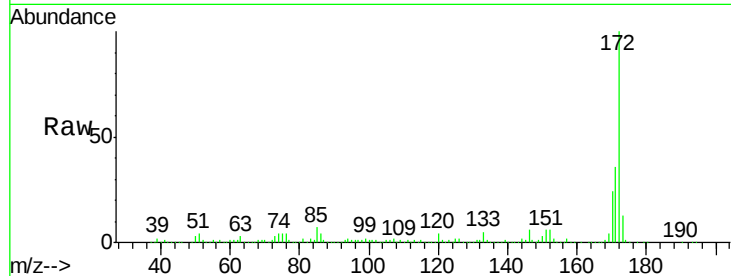
#44
2-Fluorobiphenyl
Concen: 80.582 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF104319.D
Acq: 6 Apr 2018 21:30

Instrument :
BNA_F
ClientSampleId :
42ND-STREET

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.0	19.6	29.4

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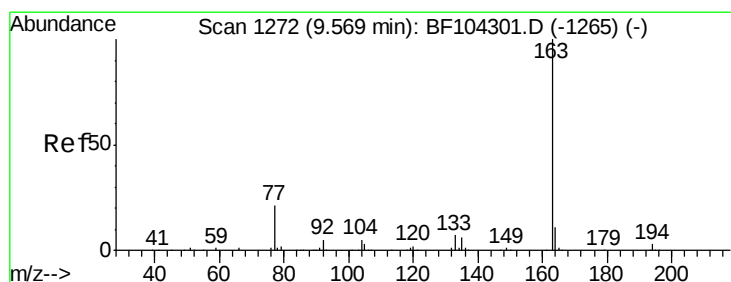
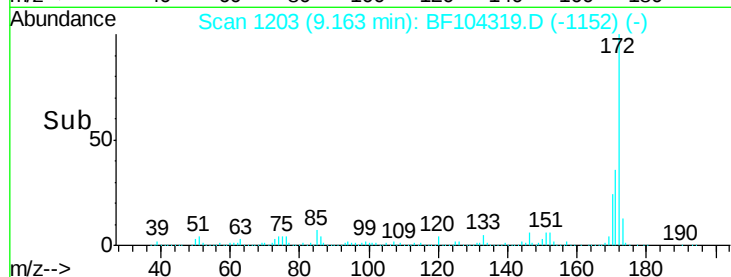
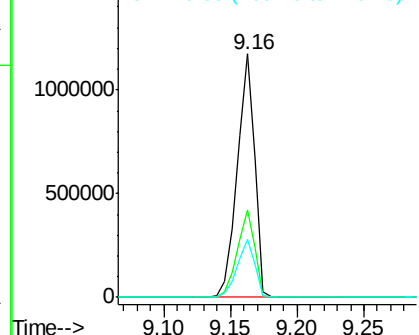


Abundance

Ion 172.00 (171.70 to 172.70): E

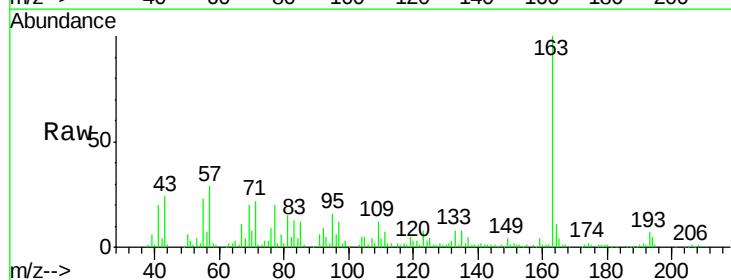
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#49
Dimethylphthalate
Concen: 6.086 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104319.D
Acq: 6 Apr 2018 21:30

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.0	2.7	4.1#
164	10.8	8.2	12.2

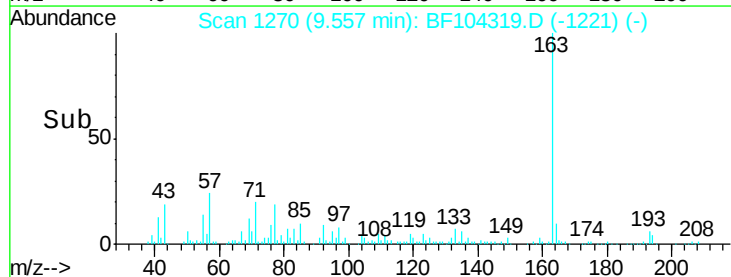
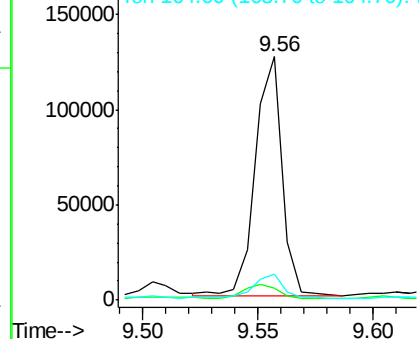


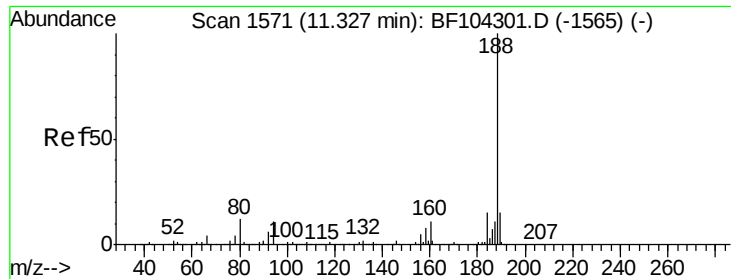
Abundance

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





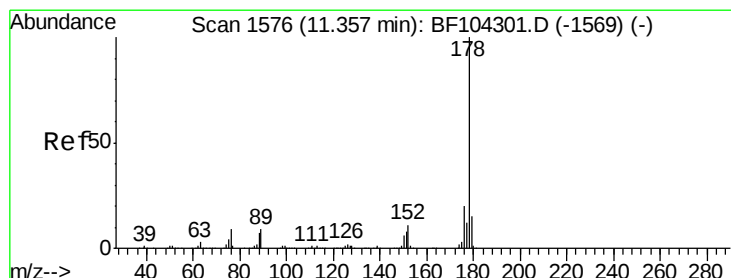
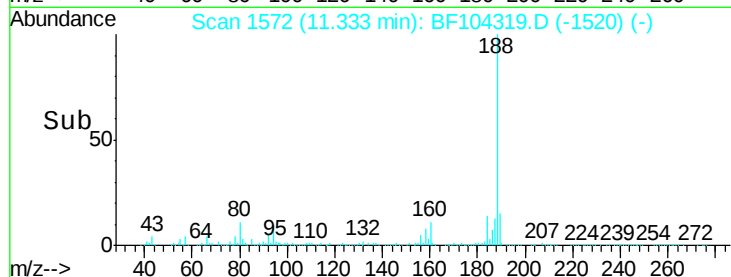
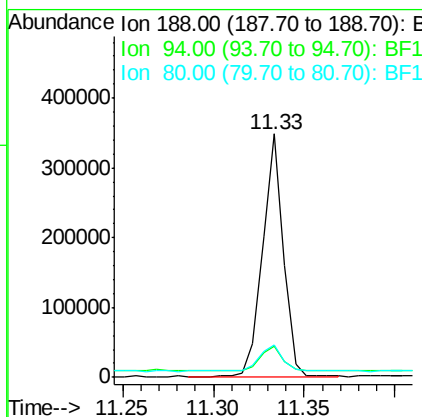
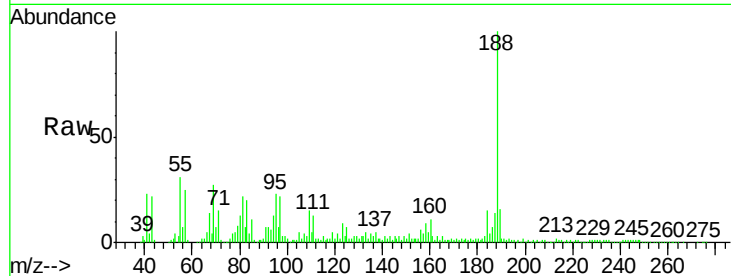
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF104319.D
Acq: 6 Apr 2018 21:30

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	12.8	8.5	12.7#
80	13.3	9.2	13.8

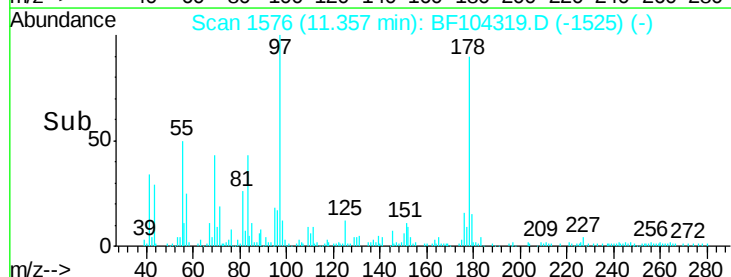
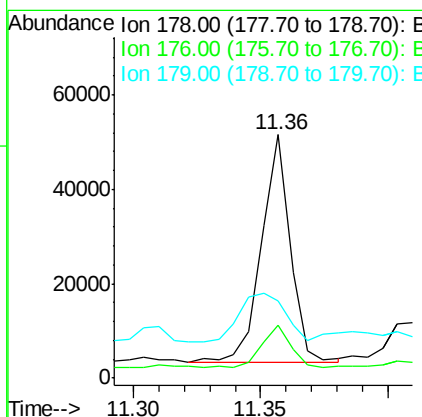
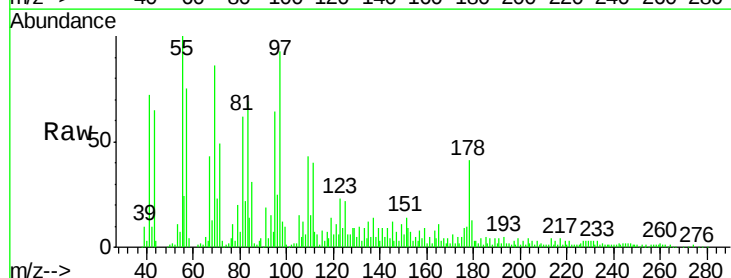
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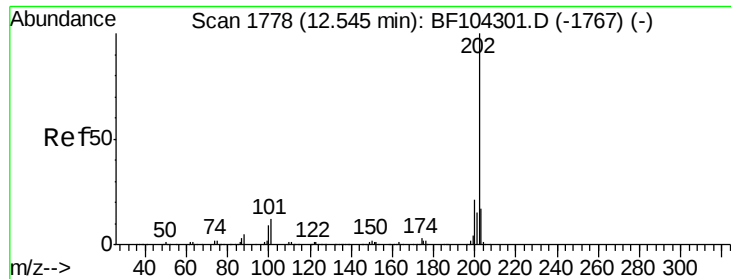
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#70
Phenanthrene
Concen: 2.484 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BF104319.D
Acq: 6 Apr 2018 21:30

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	21.6	15.8	23.8
179	31.6	13.0	19.6#





#74

Fluoranthene

Concen: 5.087 ng

RT: 12.55 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF104319.D

Acq: 6 Apr 2018 21:30

Instrument :

BNA_F

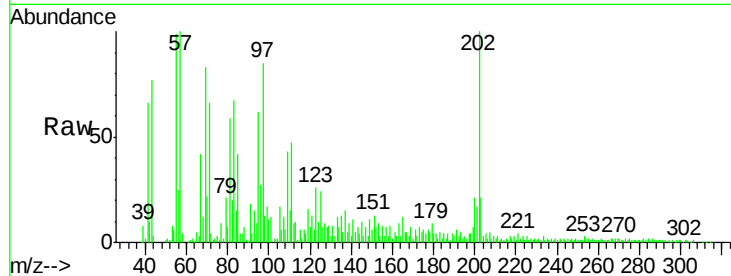
ClientSampleId :

42ND-STREET

Tot Ion:	202	Resp:	81858
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	34.1
203	20.9	0.0	38.1

Manual Integrations
APPROVED

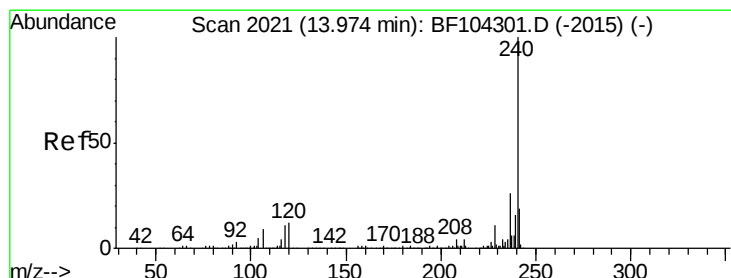
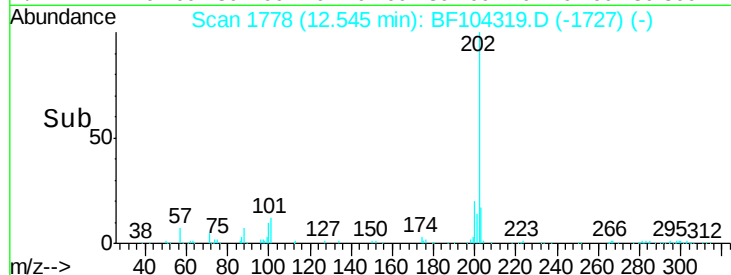
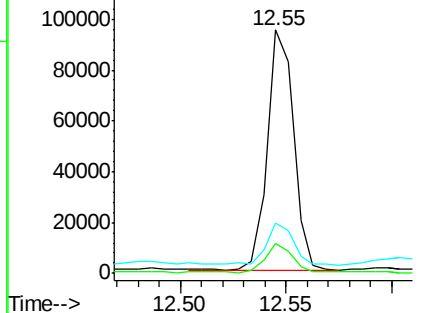
Sohil
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Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF104319.D

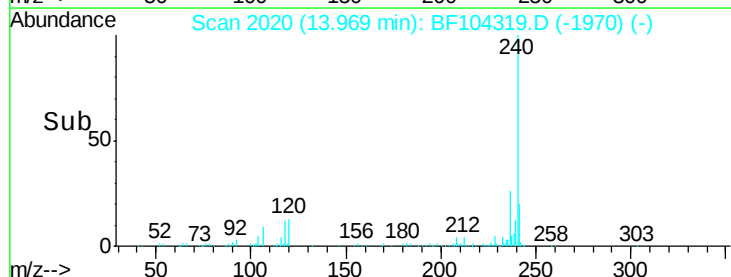
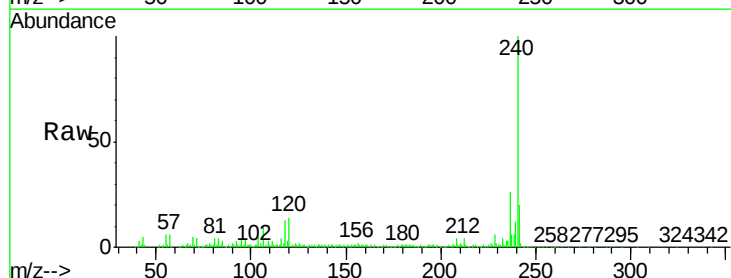
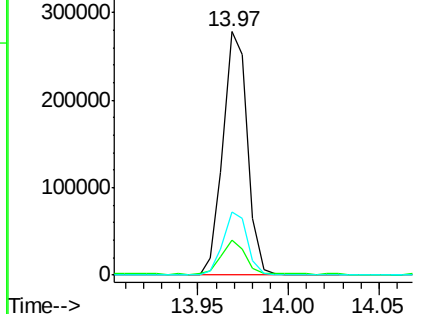
Acq: 6 Apr 2018 21:30

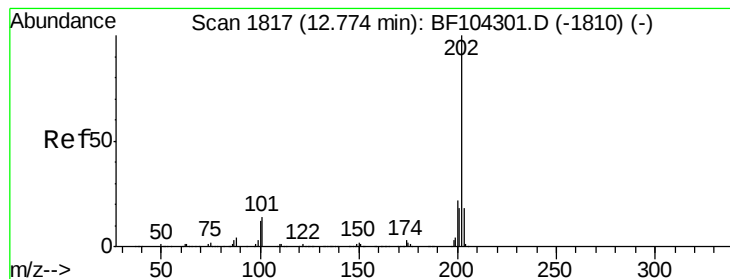
Tgt Ion:	240	Resp:	264206
Ion Ratio	Lower	Upper	
240	100		
120	14.2	9.5	14.3
236	25.8	20.7	31.1

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: 4.475 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF104319.D

Acq: 6 Apr 2018 21:30

Instrument :

BNA_F

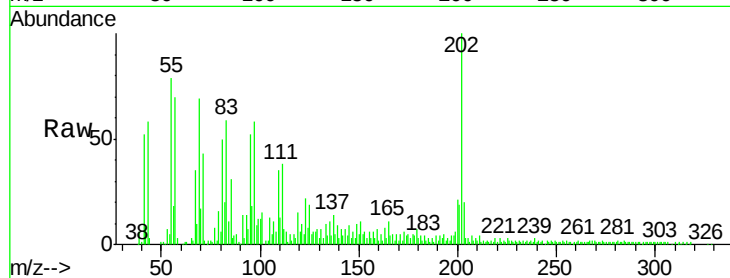
ClientSampleId :

42ND-STREET

Tot Ion:	202	Resp:	87630
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.4	26.2
203	20.2	14.3	21.5

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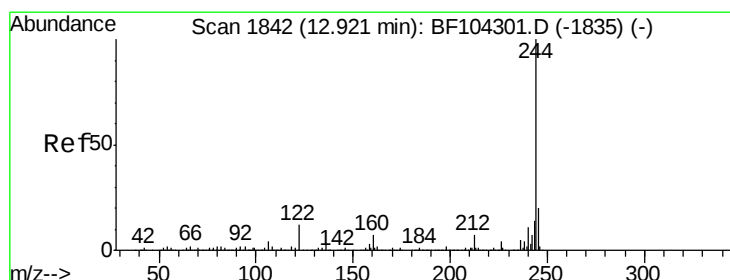
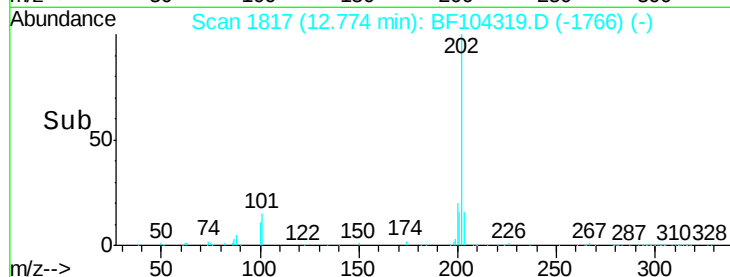
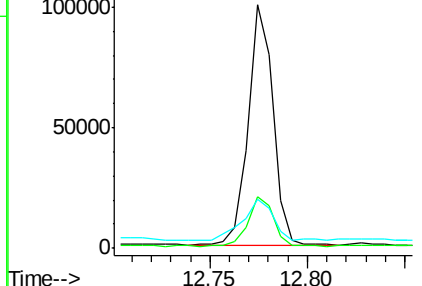
Sohil
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 58.420 ng

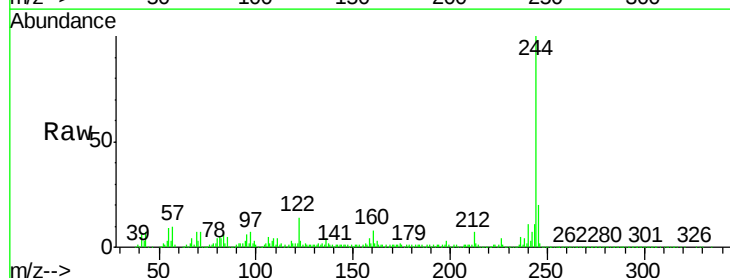
RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF104319.D

Acq: 6 Apr 2018 21:30

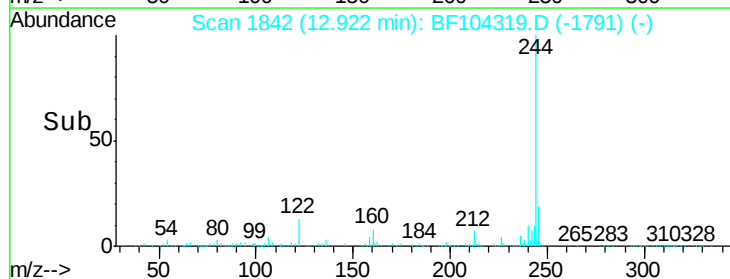
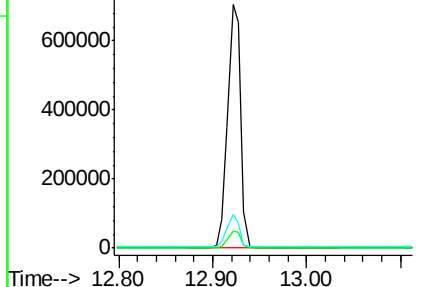
Tgt Ion:	244	Resp:	677019
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.4	8.0
122	13.8	11.0	16.4

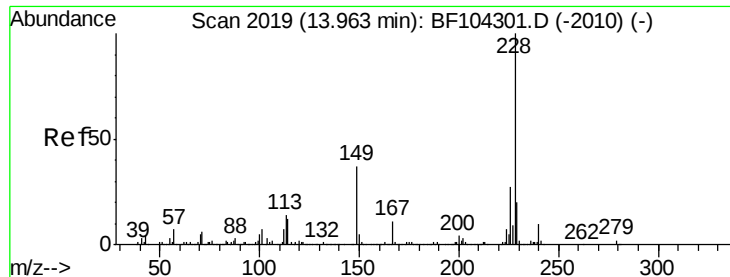


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





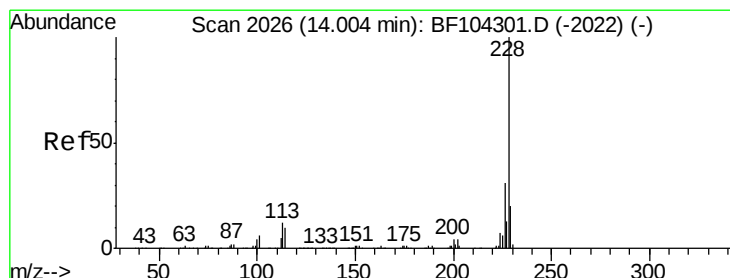
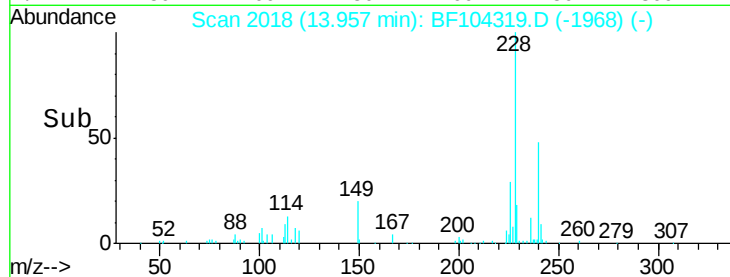
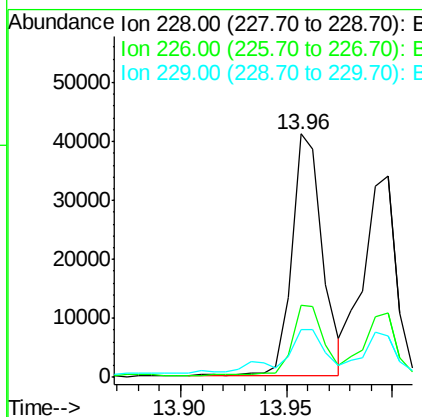
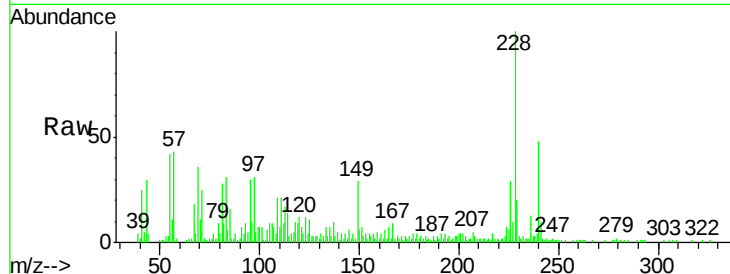
#80
Benzo(a)anthracene
Concen: 2.638 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF104319.D
Acq: 6 Apr 2018 21:30

Instrument :
BNA_F
ClientSampleId :
42ND-STREET

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.6	33.8
229	19.8	15.8	23.6

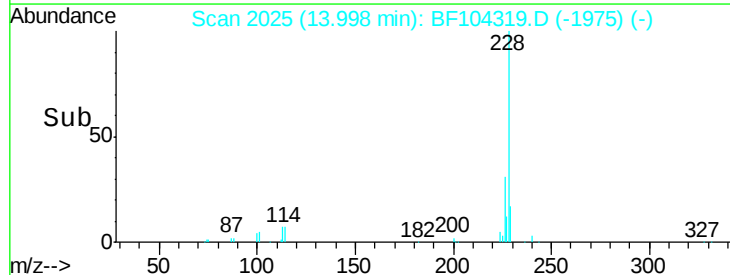
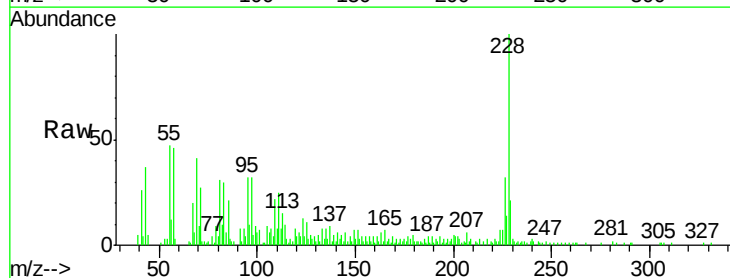
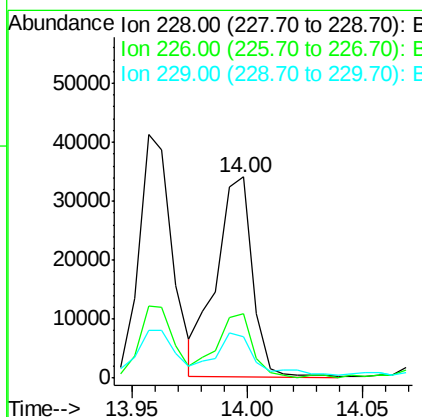
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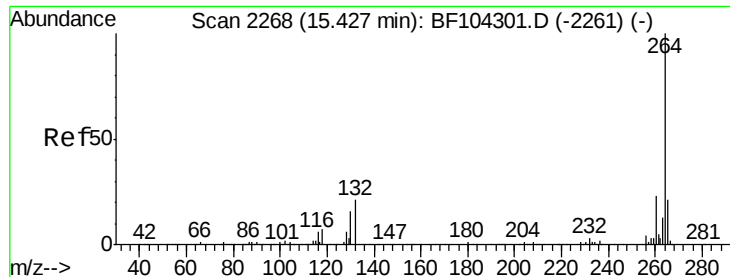
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#82
Chrysene
Concen: 2.296 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF104319.D
Acq: 6 Apr 2018 21:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.0	37.6
229	20.9	16.2	24.4





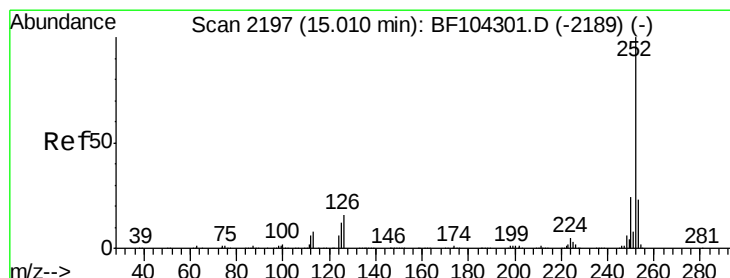
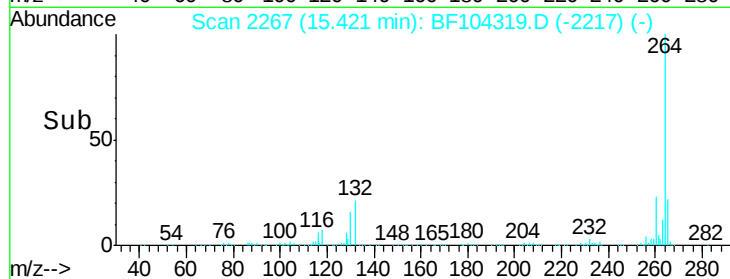
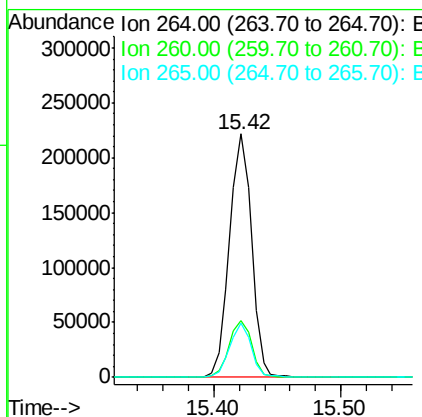
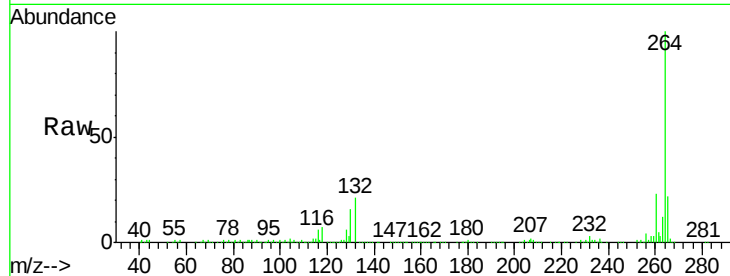
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF104319.D
Acq: 6 Apr 2018 21:30

Instrument :
BNA_F
ClientSampleId :
42ND-STREET

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.1	17.5	26.3

Manual Integrations
APPROVED

Sohil
4/9/2018 11:18:31 AM



#87
Benzo(b)fluoranthene
Concen: 2.563 ng m
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF104319.D
Acq: 6 Apr 2018 21:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.0	25.6
125	15.5	9.0	13.6#

