

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
 Data File : BF101610.D
 Acq On : 21 Dec 2017 16:45
 Operator : SJ/JU
 Sample : I6990-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-CONCRETE

Manual Integrations
 APPROVED

Sohil
 12/22/2017 12:42:03 PM

Quant Time: Dec 22 11:38:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	151476m	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	603286	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	233579	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	365690	20.00	ng	0.00
75) Chrysene-d12	13.97	240	305510	20.00	ng	0.00
86) Perylene-d12	15.44	264	265940	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	482841	47.48	ng	0.01
7) Phenol-d6	6.44	99	1082759	85.55	ng	0.00
23) Nitrobenzene-d5	7.37	82	976248	90.08	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	78747	34.99	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1458575	96.87	ng	0.00
78) Terphenyl-d14	12.91	244	1071896	84.58	ng	0.00
Target Compounds						
10) Phenol	6.45	94	44124	3.059	ng	Qvalue # 76
49) Dimethylphthalate	9.55	163	141904	7.553	ng	100

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

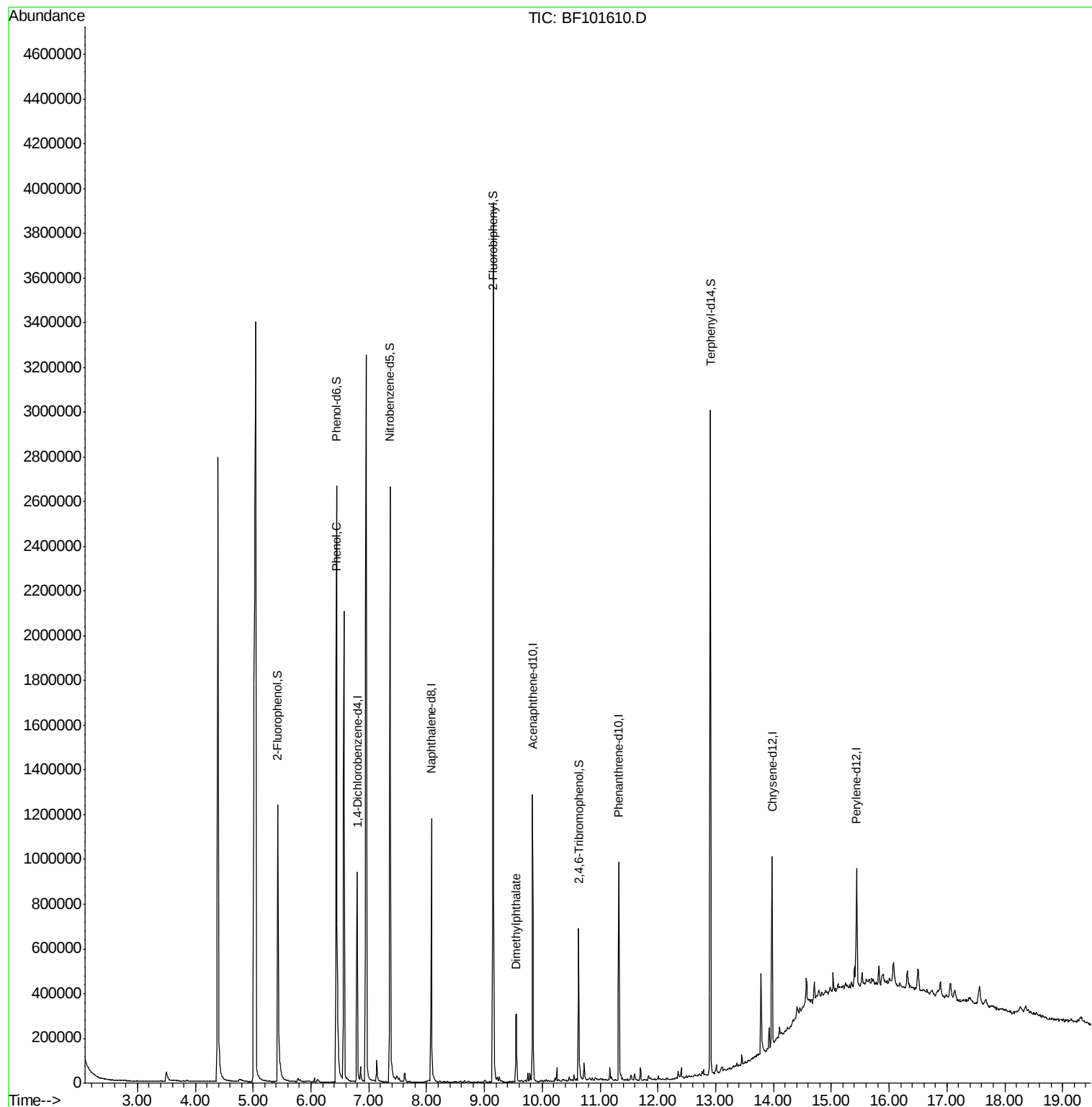
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
Data File : BF101610.D
Acq On : 21 Dec 2017 16:45
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Instrument :
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#1

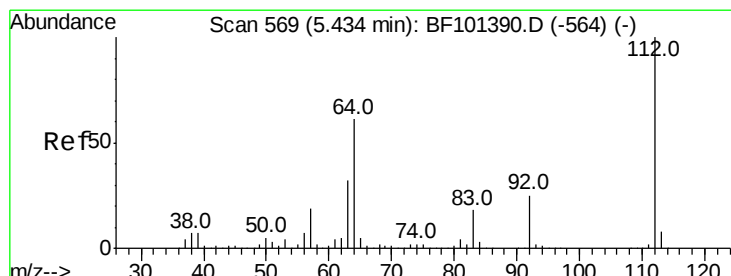
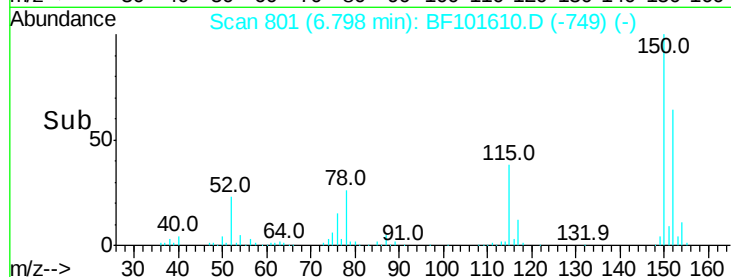
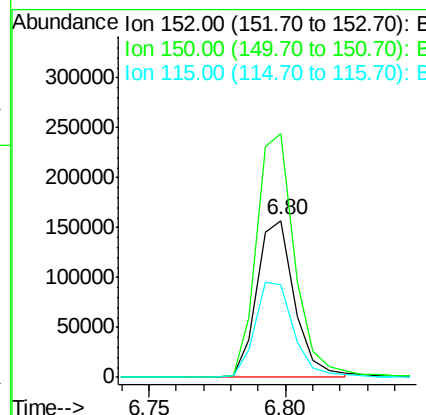
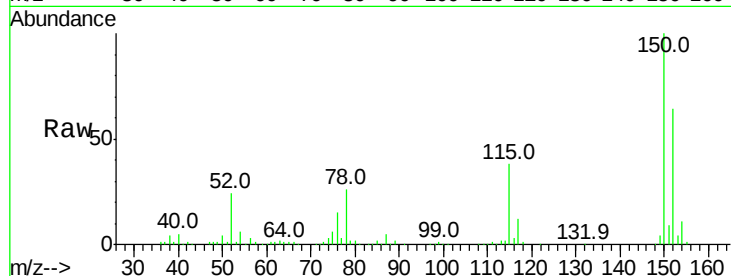
1,4-Dichlorobenzene-d4
Concen: 20.000 ng/ml
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF101610.D
Acq: 21 Dec 2017 16:45

Instrument :
BNA_F
ClientSampleId :
MH-CONCRETE

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	59.4	50.1	75.1

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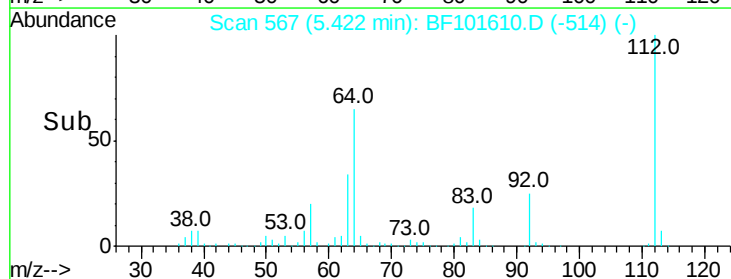
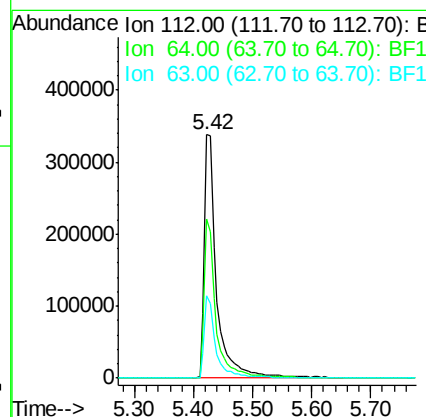
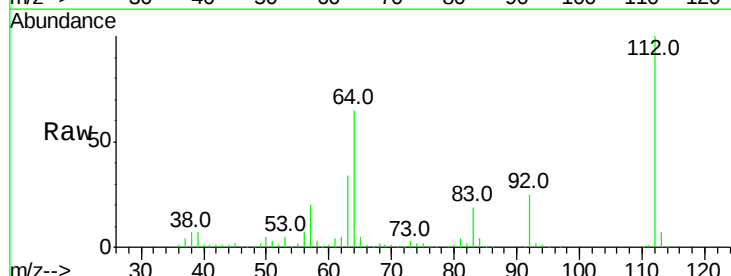
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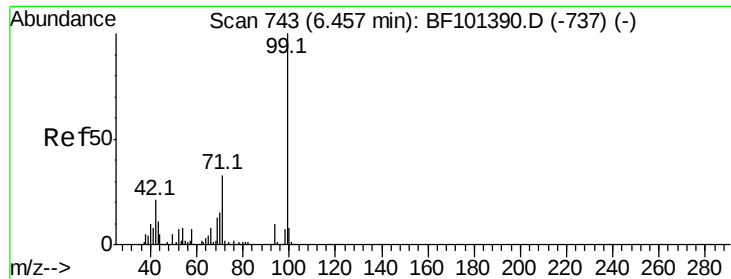


#5

2-Fluorophenol
Concen: 47.481 ng/ml
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF101610.D
Acq: 21 Dec 2017 16:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.4	47.9	71.9
63	33.6	23.7	35.5





#7

Phenol-d6

Concen: 85.555 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF101610.D

Acq: 21 Dec 2017 16:45

Instrument :

BNA_F

ClientSampleId :

MH-CONCRETE

Tot Ion: 99 Resp: 1082759

Ion Ratio Lower Upper

99 100

42 20.9 14.5 21.7

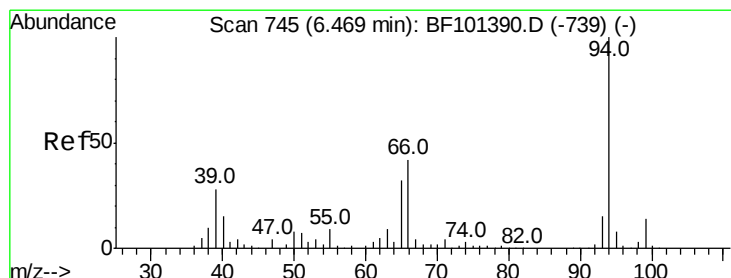
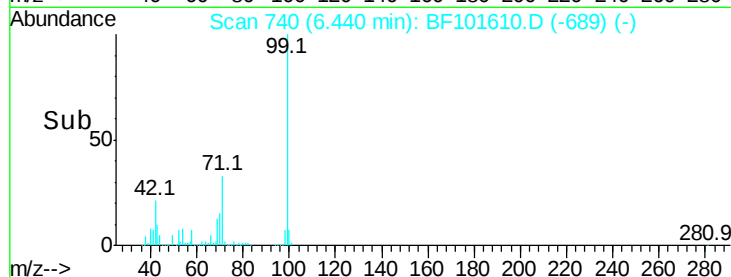
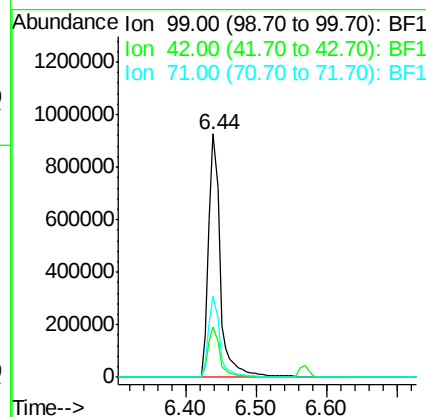
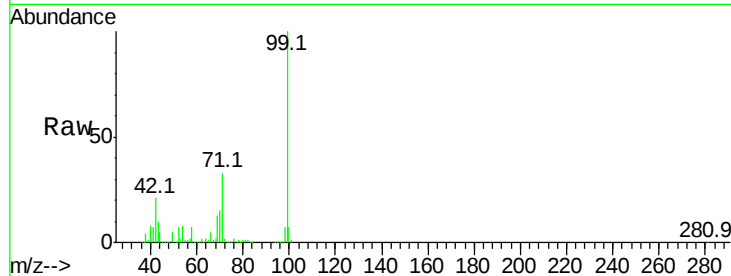
71 33.2 25.4 38.0

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#10

Phenol

Concen: 3.059 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF101610.D

Acq: 21 Dec 2017 16:45

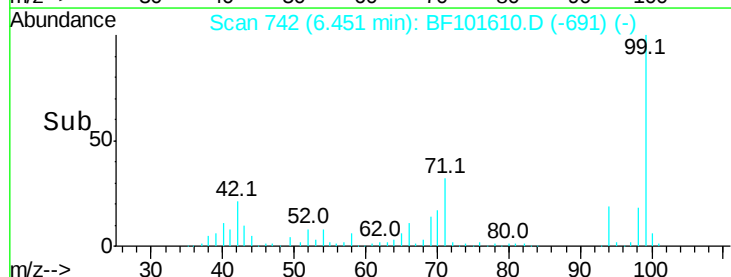
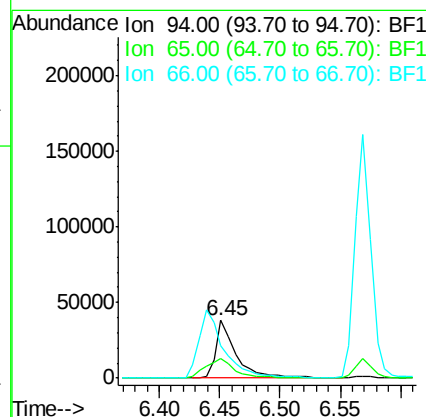
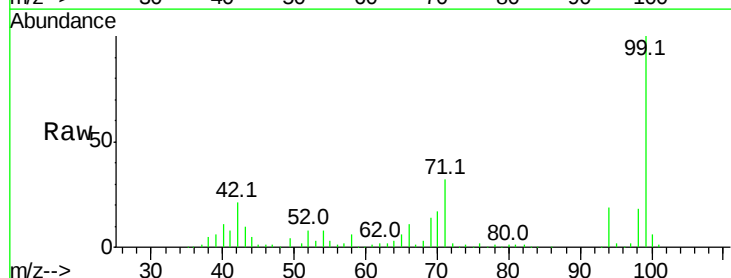
Tgt Ion: 94 Resp: 44124

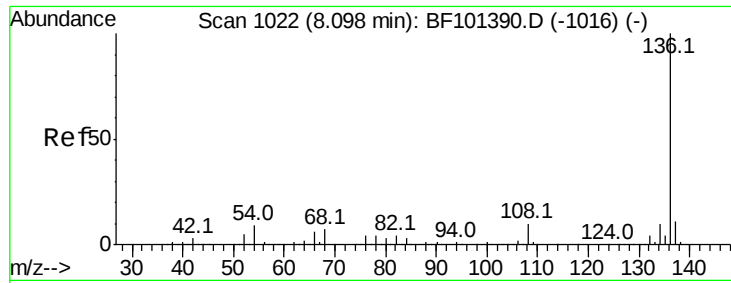
Ion Ratio Lower Upper

94 100

65 33.9 7.9 47.9

66 56.4 16.2 56.2#





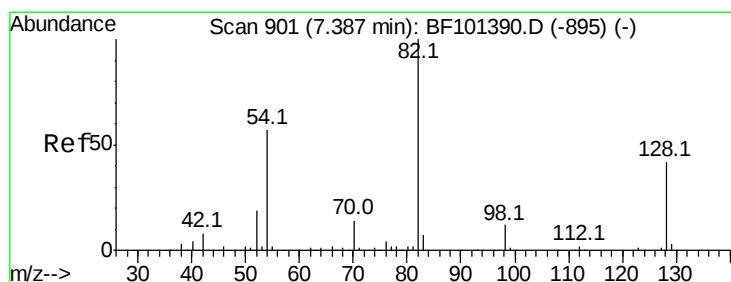
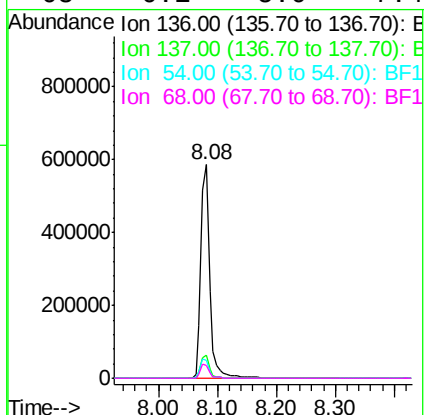
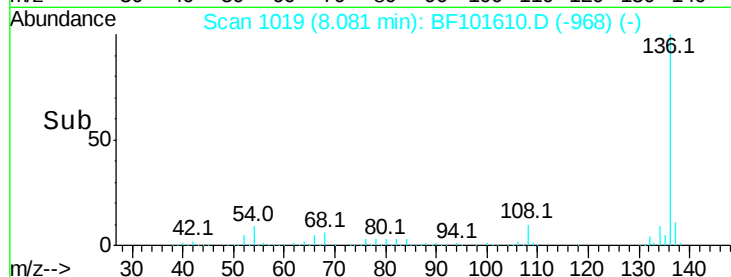
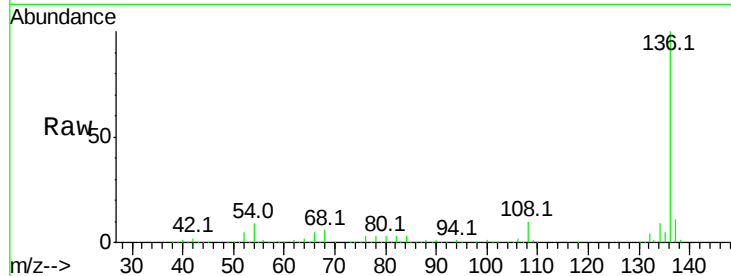
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF101610.D
Acq: 21 Dec 2017 16:45

Instrument :
BNA_F
ClientSampleId :
MH-CONCRETE

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.9	13.3	
54	8.6	6.6	9.8	
68	6.1	5.0	7.4	

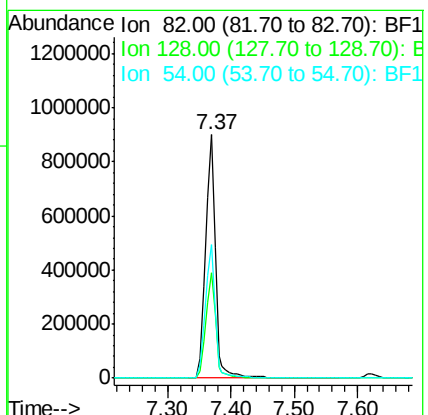
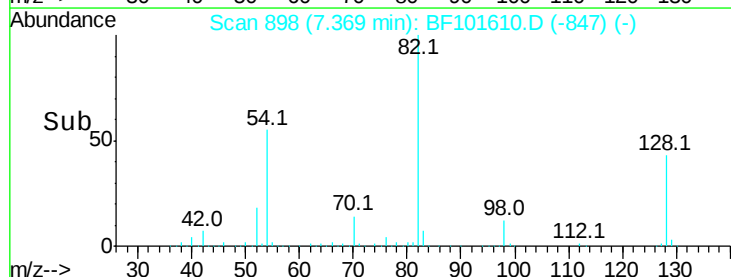
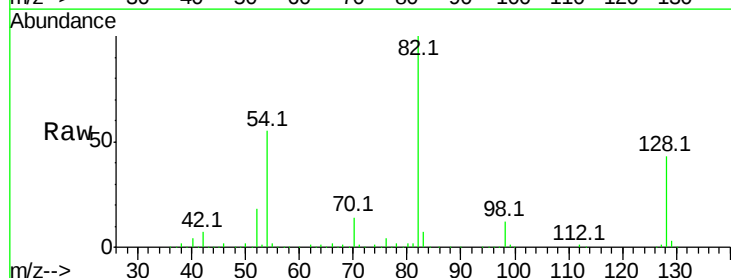
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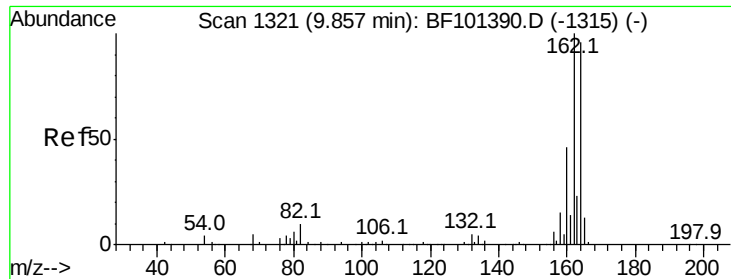
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#23
Nitrobenzene-d5
Concen: 90.079 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF101610.D
Acq: 21 Dec 2017 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.0	36.1	54.1	
54	55.0	41.4	62.2	





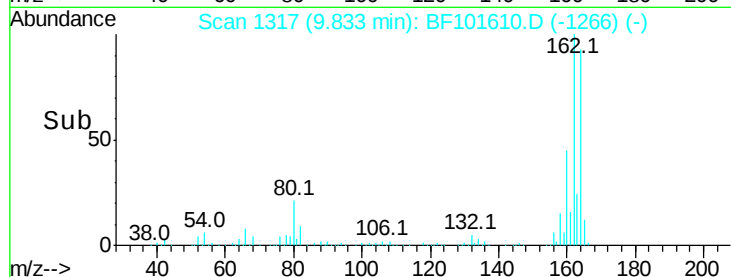
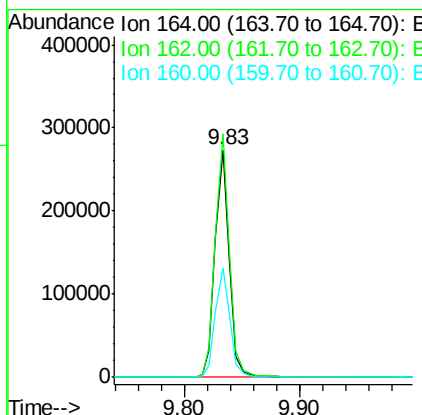
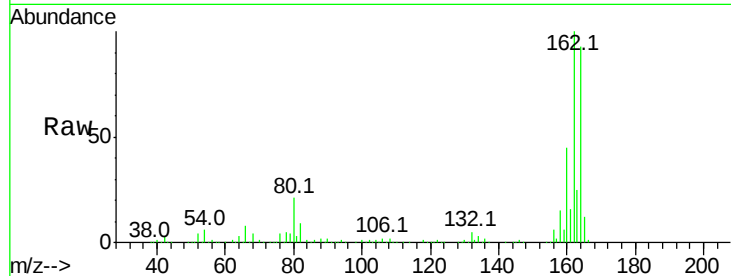
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF101610.D
 Acq: 21 Dec 2017 16:45

Instrument :
 BNA_F
 ClientSampleId :
 MH-CONCRETE

Tot Ion	Ratio	Resp	Lower	Upper
164	100	233579		
162	107.0		86.1	129.1
160	48.2		38.3	57.5

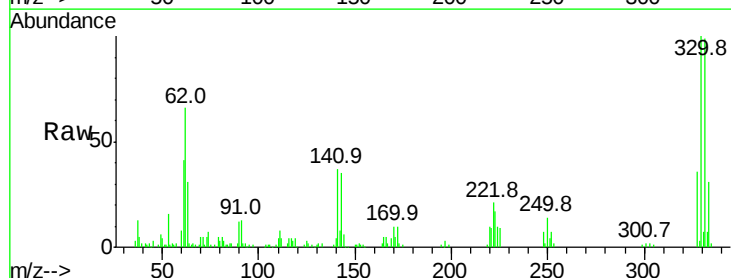
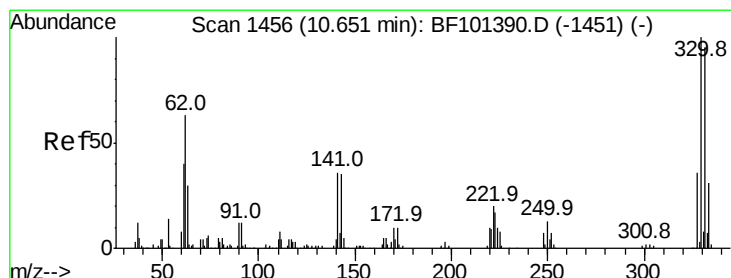
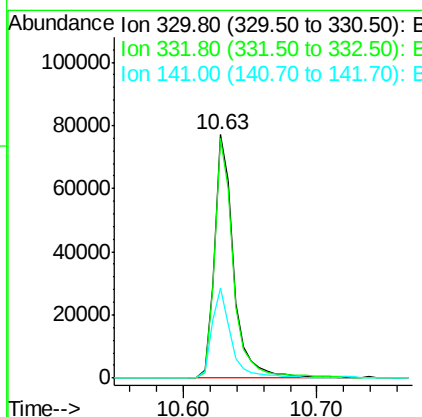
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#41
 2,4,6-Tribromophenol
 Concen: 34.988 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101610.D
 Acq: 21 Dec 2017 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	78747		
332	96.6		77.0	115.6
141	37.1		29.9	44.9





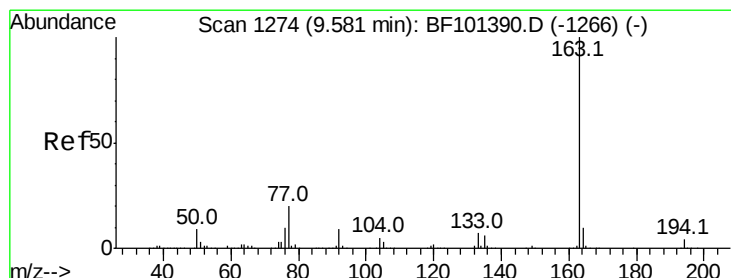
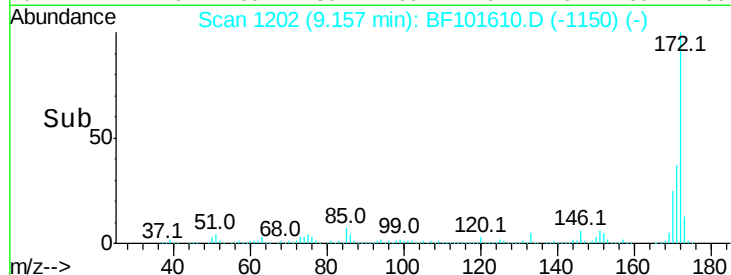
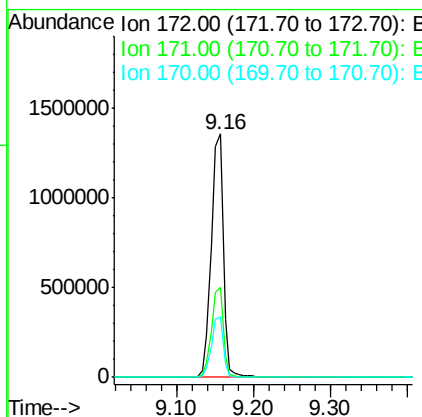
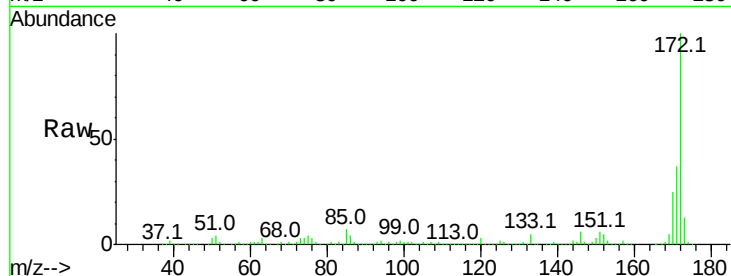
#44
 2-Fluorobiphenyl
 Concen: 96.867 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF101610.D
 Acq: 21 Dec 2017 16:45

Instrument :
 BNA_F
 ClientSampleId :
 MH-CONCRETE

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	25.0	19.6	29.4

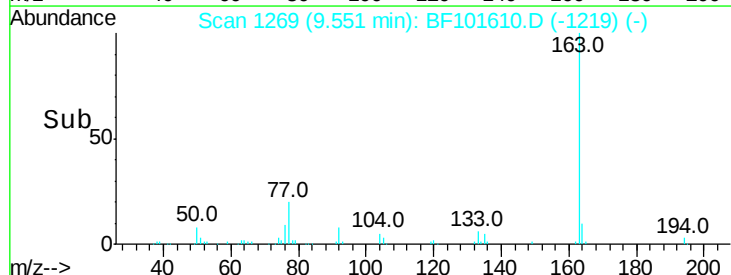
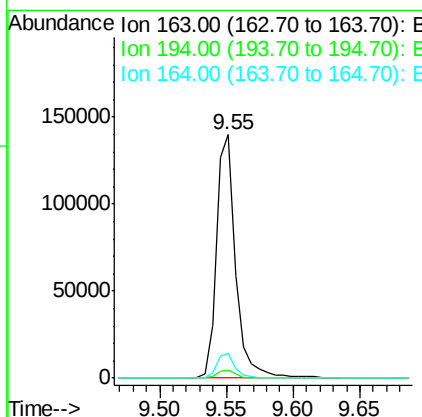
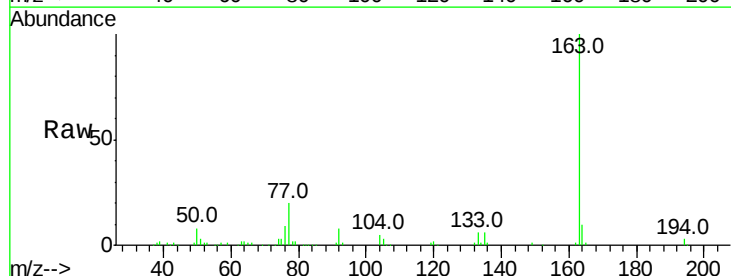
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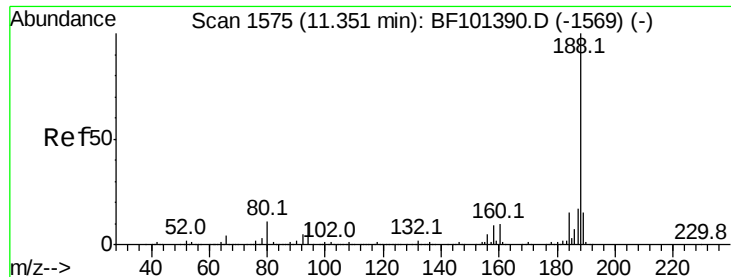
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#49
 Dimethylphthalate
 Concen: 7.553 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BF101610.D
 Acq: 21 Dec 2017 16:45

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.0	8.2	12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BF101610.D

Acq: 21 Dec 2017 16:45

Instrument :

BNA_F

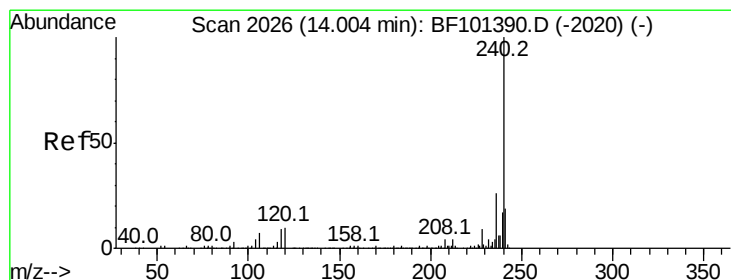
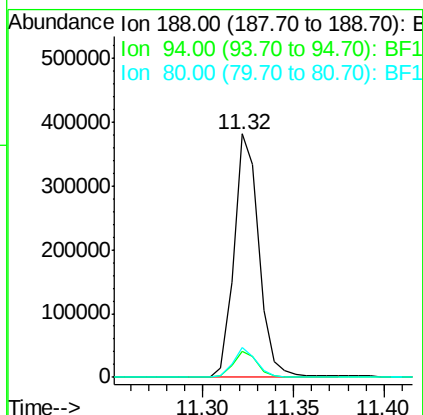
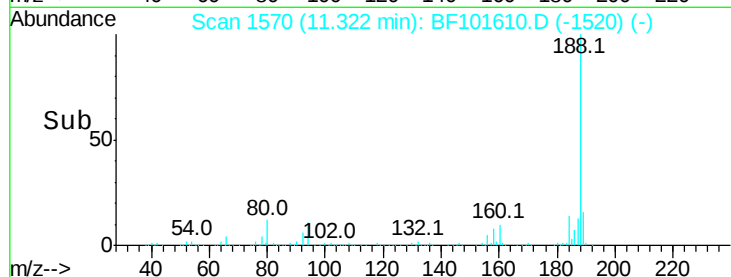
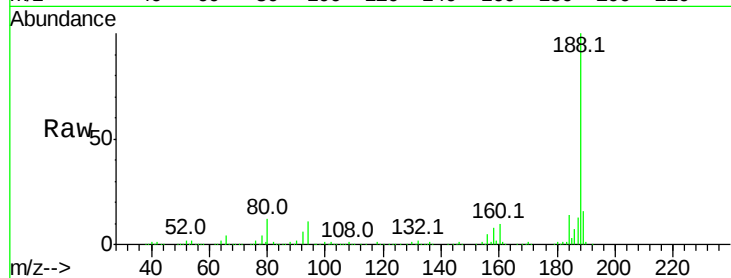
ClientSampleId :

MH-CONCRETE

Tot Ion:	188	Resp:	365690
Ion Ratio	Lower	Upper	
188	100		
94	10.8	8.5	12.7
80	12.1	9.2	13.8

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#75

Chrysene-d12

Concen: 20.000 ng

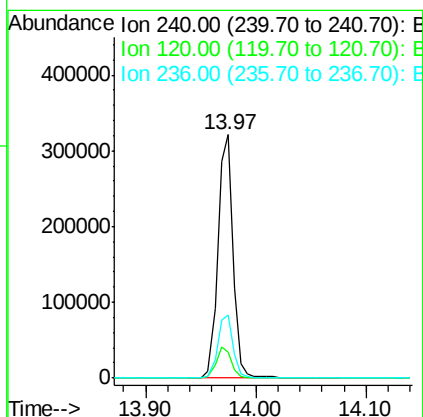
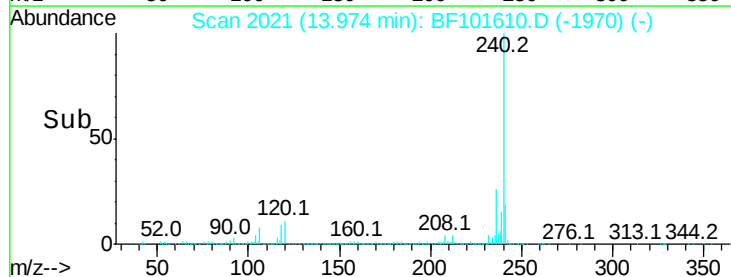
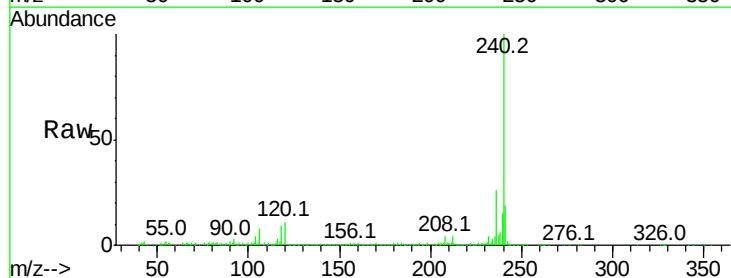
RT: 13.97 min Scan# 2021

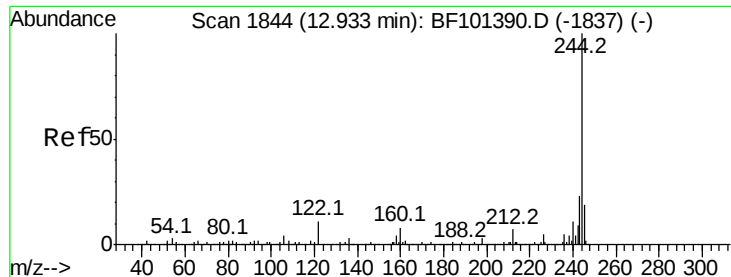
Delta R.T. 0.00 min

Lab File: BF101610.D

Acq: 21 Dec 2017 16:45

Tgt Ion:	240	Resp:	305510
Ion Ratio	Lower	Upper	
240	100		
120	10.9	9.5	14.3
236	25.7	20.7	31.1





#78

Terphenyl-d14

Concen: 84.583 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF101610.D

Acq: 21 Dec 2017 16:45

Instrument :

BNA_F

ClientSampleId :

MH-CONCRETE

Tot Ion:244 Resp: 1071896

Ion Ratio Lower Upper

244 100

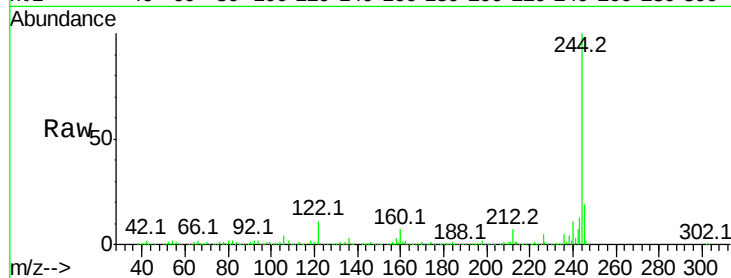
212 6.9 5.4 8.0

122 10.8 11.0 16.4#

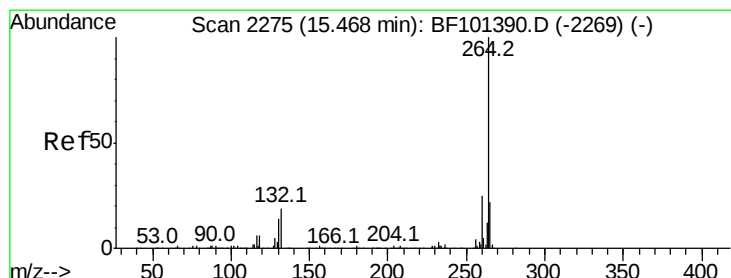
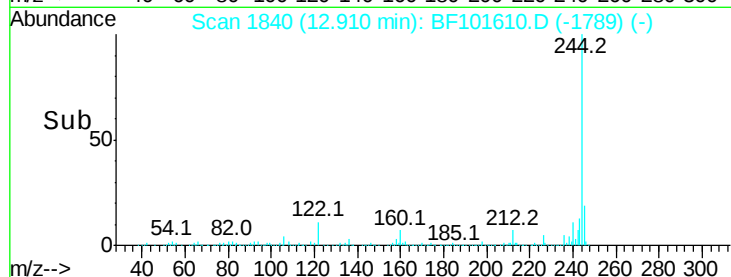
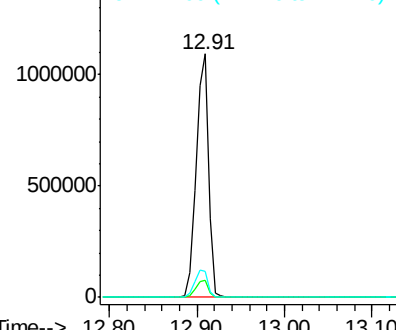
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. 0.01 min

Lab File: BF101610.D

Acq: 21 Dec 2017 16:45

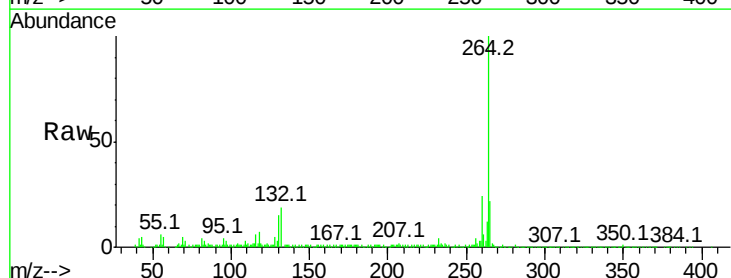
Tgt Ion:264 Resp: 265940

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 22.2 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

