

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
 Data File : BF096831.D
 Acq On : 17 Jul 2017 20:42
 Operator : SJ/JU
 Sample : I4203-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-SB01A

Manual Integrations
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mohammad
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Quant Time: Jul 18 04:03:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	99693	20.00	ng	-0.02
21) Naphthalene-d8	7.89	136	393082	20.00	ng	-0.03
38) Acenaphthene-d10	9.64	164	141989	20.00	ng	-0.03
63) Phenanthrene-d10	11.11	188	194956	20.00	ng	-0.04
75) Chrysene-d12	13.74	240	199320	20.00	ng	-0.04
86) Perylene-d12	15.11	264	171216	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	608677	91.80	ng	0.00
7) Phenol-d6	6.27	99	714047	89.74	ng	-0.01
23) Nitrobenzene-d5	7.17	82	410165	64.63	ng	-0.03
41) 2,4,6-Tribromophenol	10.42	330	100171	82.65	ng	-0.04
44) 2-Fluorobiphenyl	8.97	172	692996	77.11	ng	-0.03
78) Terphenyl-d14	12.70	244	422379	36.75	ng	-0.04
Target Compounds						
10) Phenol	6.28	94	31244	3.474	ng	94
49) Dimethylphthalate	9.36	163	68489	6.406	ng	100
85) Indeno(1,2,3-cd)pyrene	16.40	276	5559	3.801	ng	# 65

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

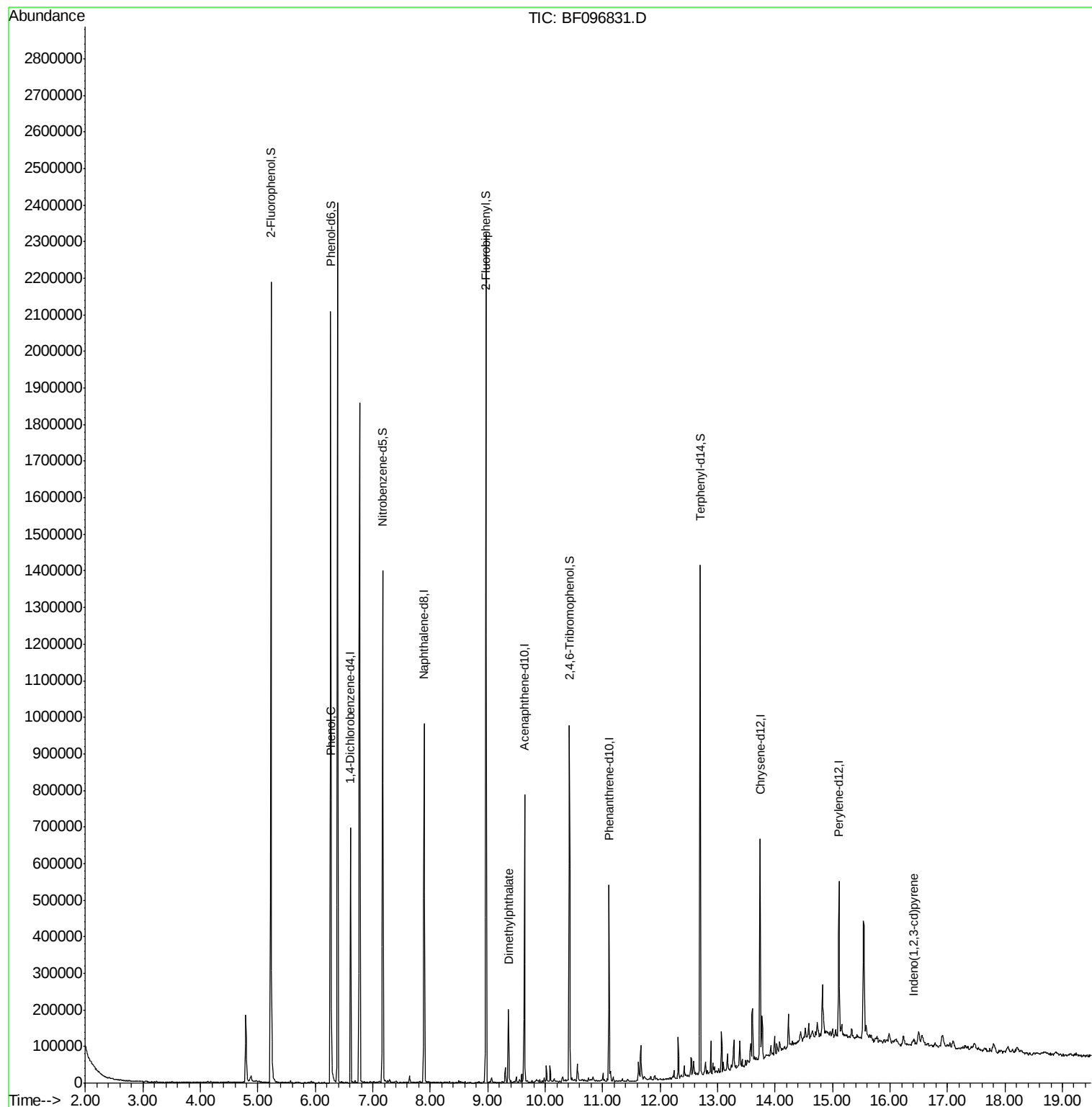
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
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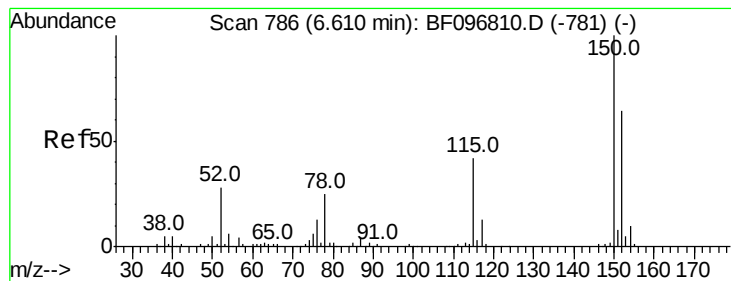
Instrument :
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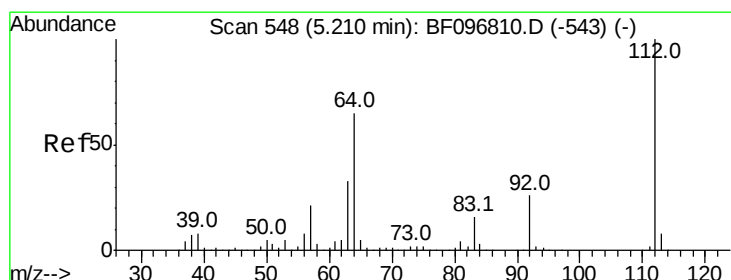
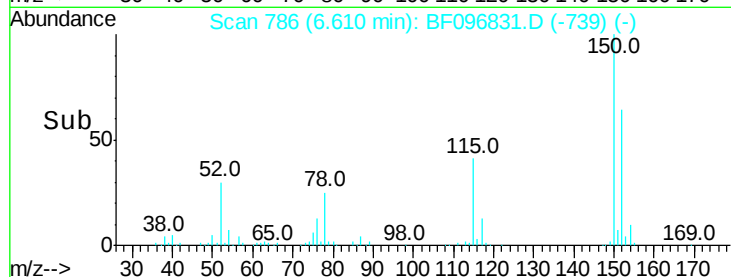
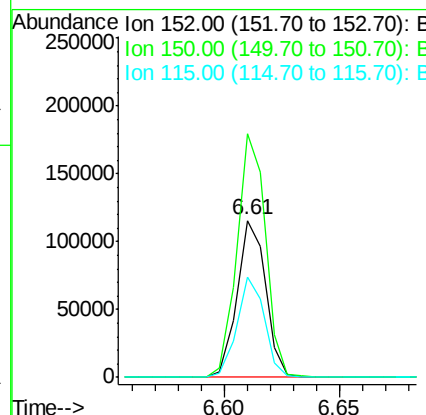
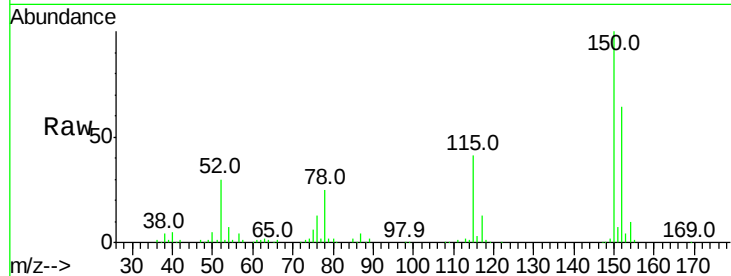
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.61 min Scan# 786
 Delta R.T. -0.02 min
 Lab File: BF096831.D
 Acq: 17 Jul 2017 20:42

Instrument :
 BNA_F
 ClientSampleId :
 NB-SB01A

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.2	189.2
115	64.4	52.2	78.2

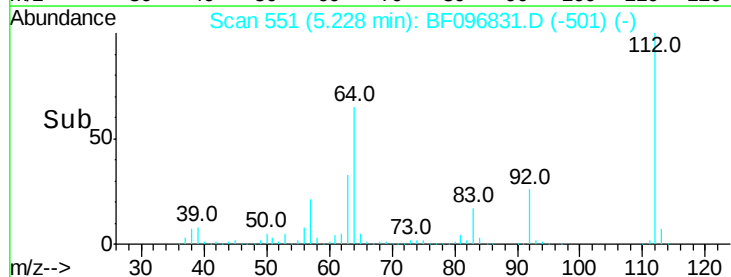
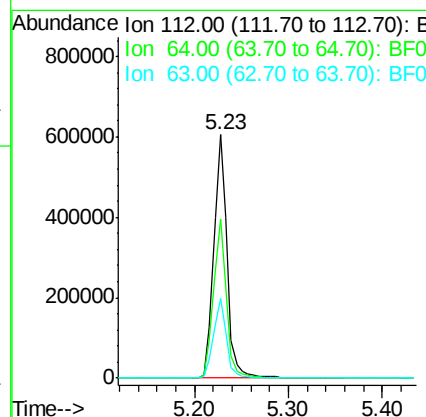
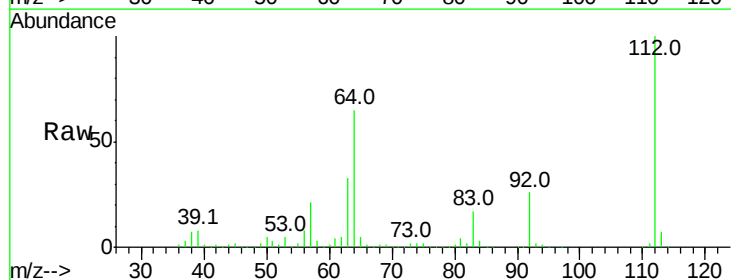
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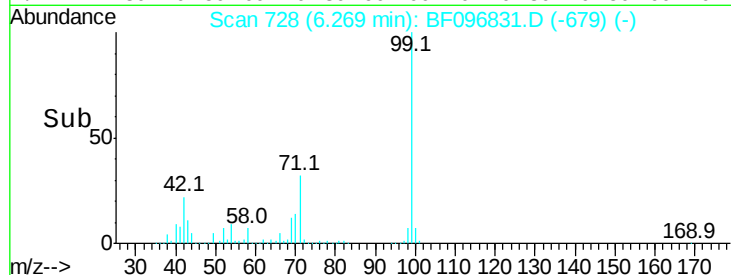
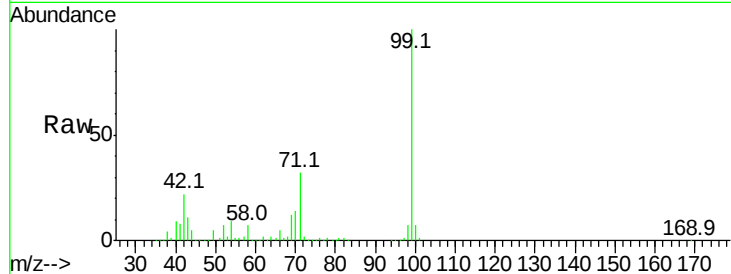
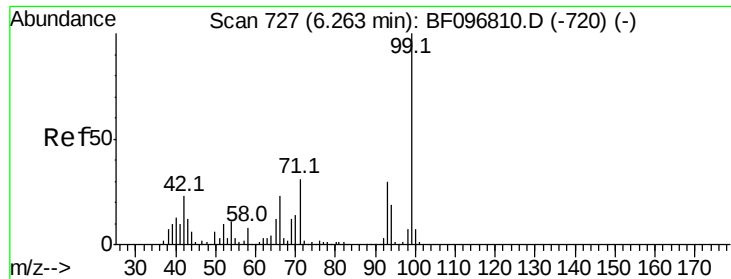
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#5
 2-Fluorophenol
 Concen: 91.802 ng
 RT: 5.23 min Scan# 551
 Delta R.T. -0.01 min
 Lab File: BF096831.D
 Acq: 17 Jul 2017 20:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.4	46.0	69.0
63	32.7	23.4	35.0





#7

Phenol-d6

Concen: 89.742 ng

RT: 6.27 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF096831.D

Acq: 17 Jul 2017 20:42

Tot Ion:	99	Resp:	714047
Ion Ratio	Lower	Upper	
99	100		
42	21.7	13.5	20.3#
71	31.6	24.5	36.7

Instrument :

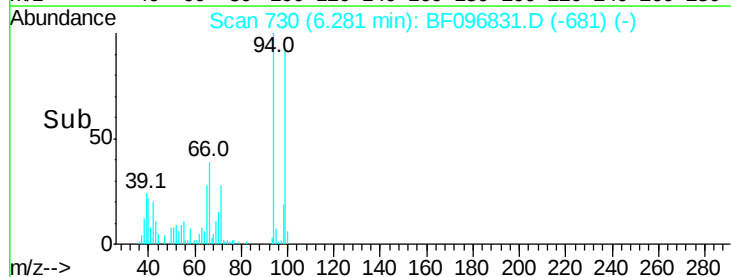
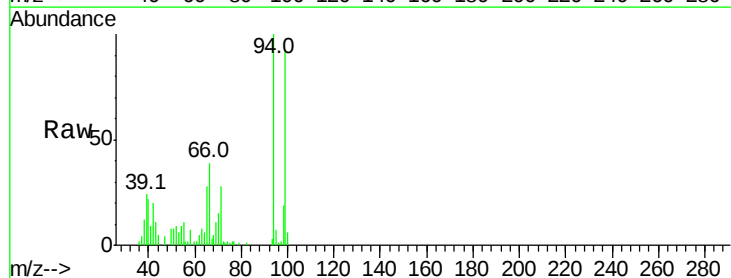
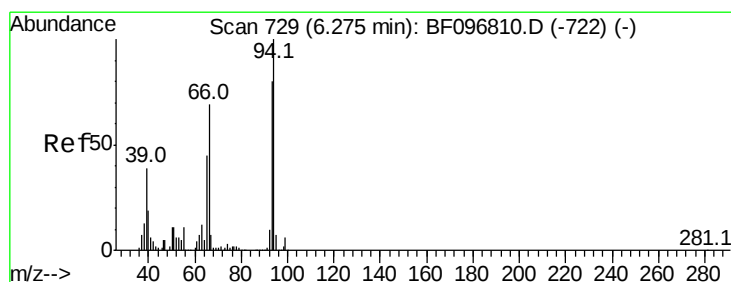
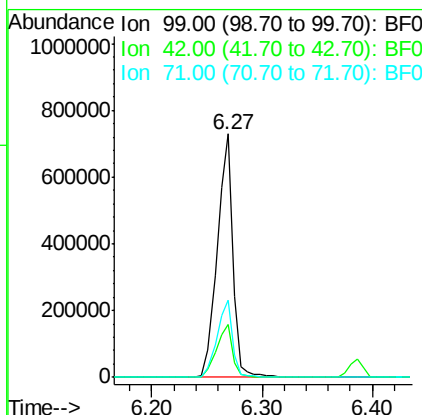
BNA_F

ClientSampleId :

NB-SB01A

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#10

Phenol

Concen: 3.474 ng

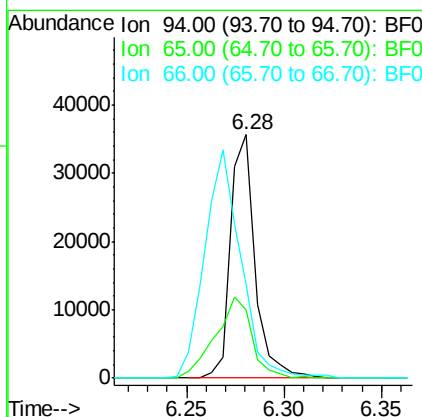
RT: 6.28 min Scan# 730

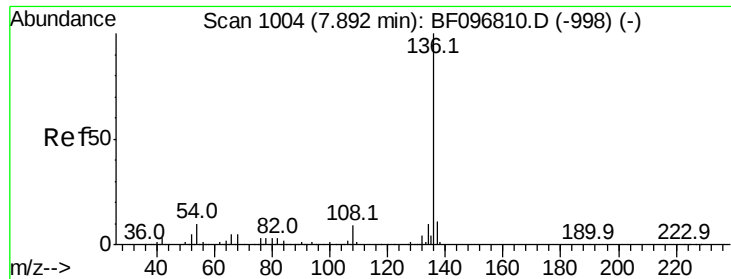
Delta R.T. -0.01 min

Lab File: BF096831.D

Acq: 17 Jul 2017 20:42

Tgt Ion:	94	Resp:	31244
Ion Ratio	Lower	Upper	
94	100		
65	27.8	9.9	49.9
66	38.7	23.1	63.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.89 min Scan# 1004

Delta R.T. -0.03 min

Lab File: BF096831.D

Acq: 17 Jul 2017 20:42

Instrument :

BNA_F

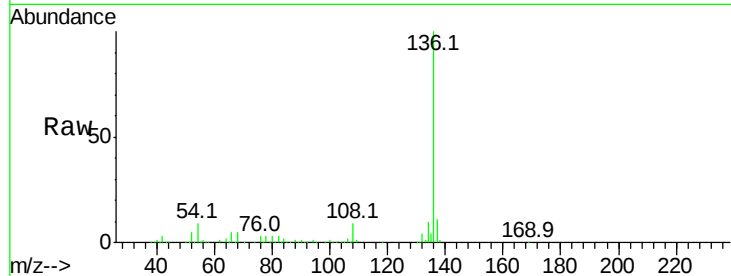
ClientSampleId :

NB-SB01A

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.5	12.7	
54	9.4	4.9	7.3	
68	4.7	4.1	6.1	

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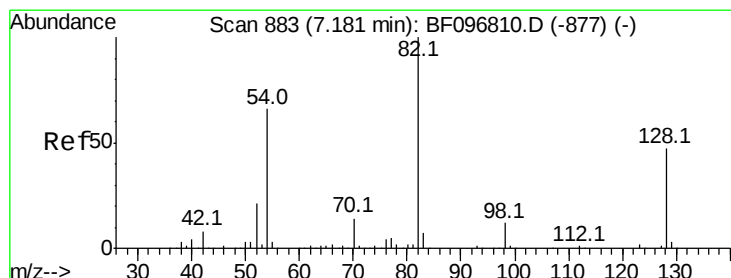
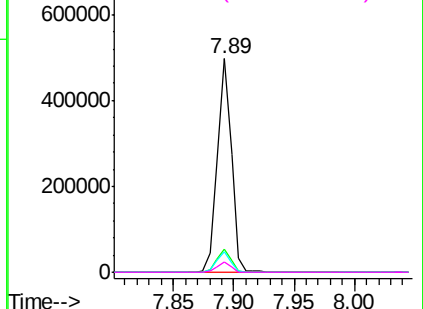
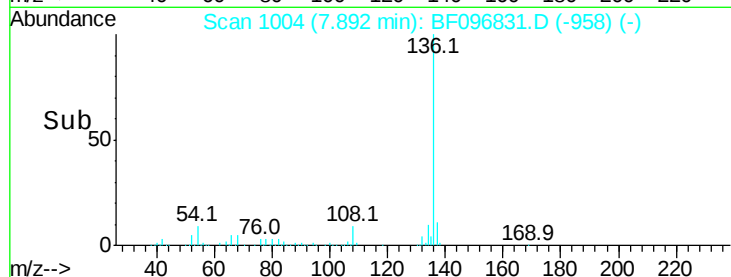


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 64.633 ng

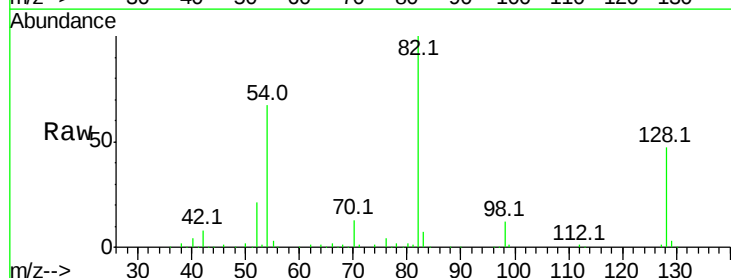
RT: 7.17 min Scan# 882

Delta R.T. -0.03 min

Lab File: BF096831.D

Acq: 17 Jul 2017 20:42

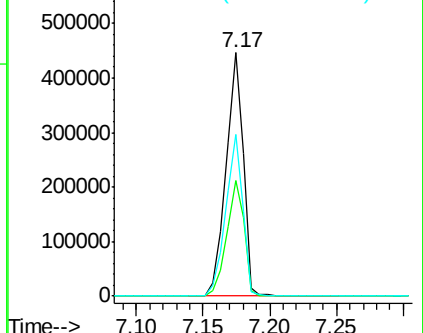
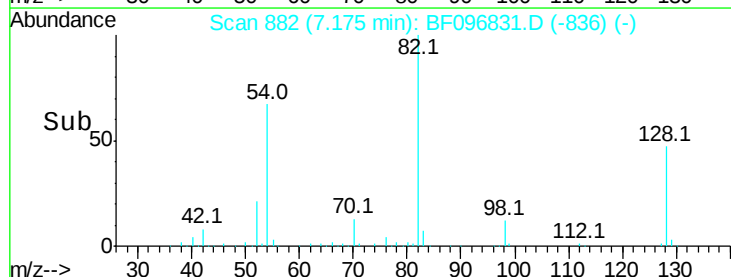
Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.4	34.0	51.0	
54	66.6	42.2	63.2	

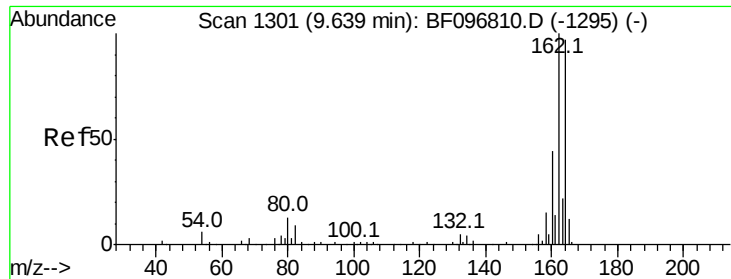


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.64 min Scan# 1301

Delta R.T. -0.03 min

Lab File: BF096831.D

Acq: 17 Jul 2017 20:42

Instrument :

BNA_F

ClientSampleId :

NB-SB01A

Tot Ion:164 Resp: 141989

Ion Ratio Lower Upper

164 100

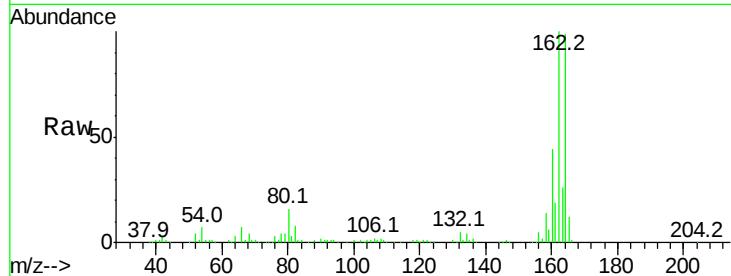
162 100.5 82.6 123.8

160 43.9 36.2 54.2

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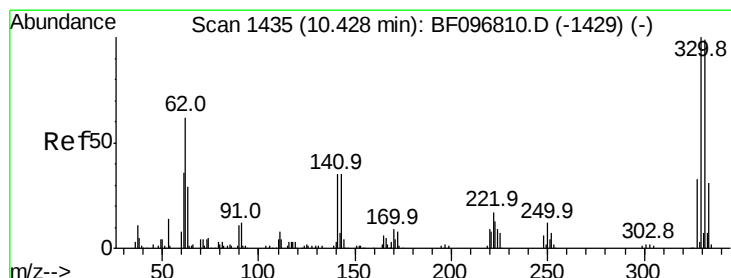
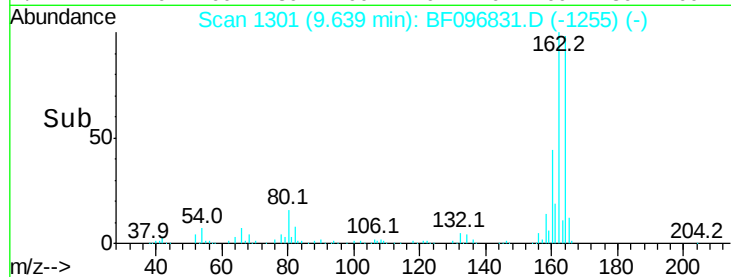
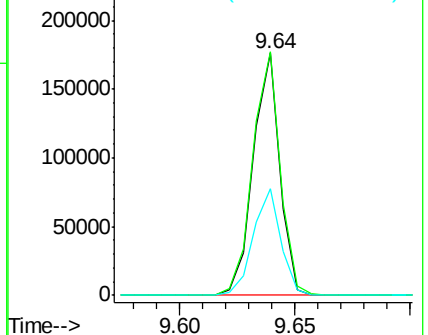
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 82.650 ng

RT: 10.42 min Scan# 1434

Delta R.T. -0.04 min

Lab File: BF096831.D

Acq: 17 Jul 2017 20:42

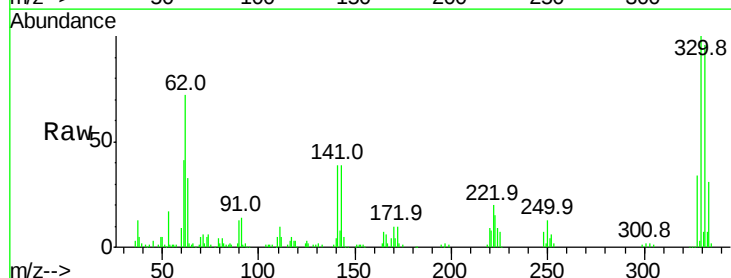
Tgt Ion:330 Resp: 100171

Ion Ratio Lower Upper

330 100

332 97.3 76.6 115.0

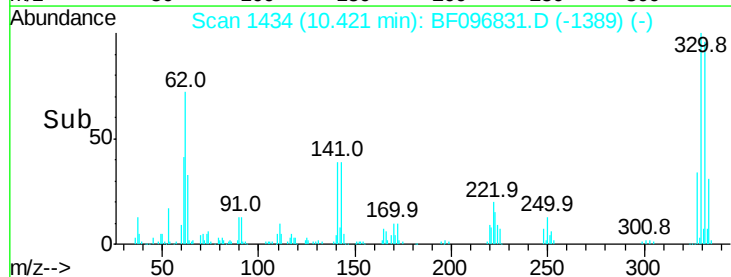
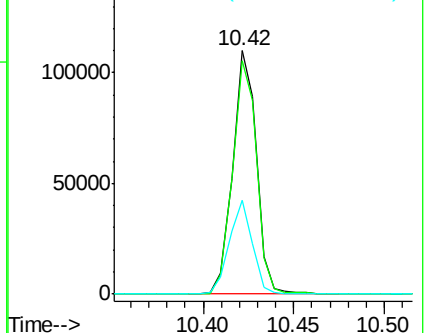
141 37.5 31.4 47.2

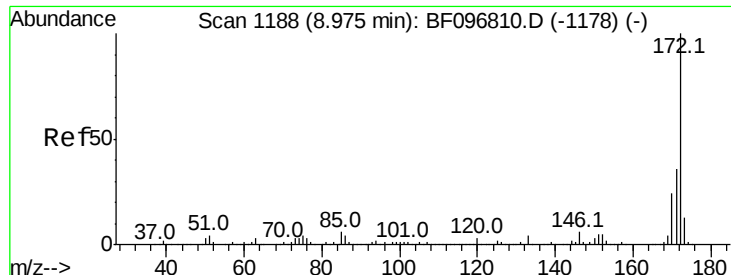


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 77.110 ng

RT: 8.97 min Scan# 1187

Delta R.T. -0.03 min

Lab File: BF096831.D

Acq: 17 Jul 2017 20:42

Instrument :

BNA_F

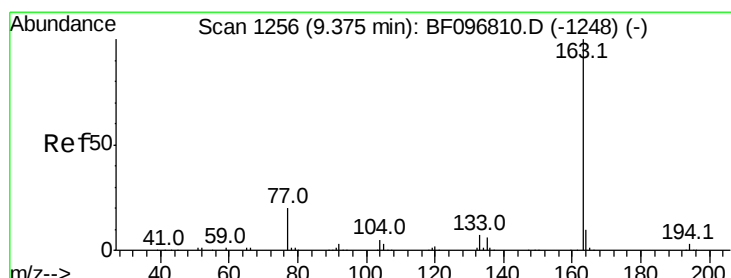
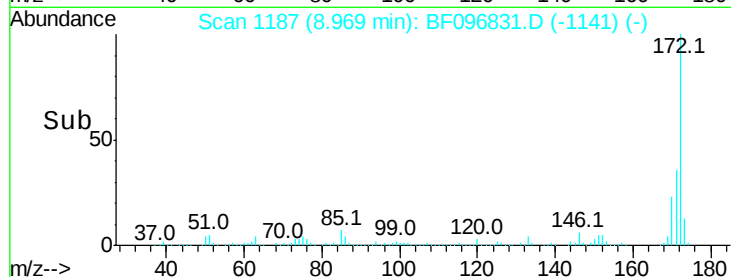
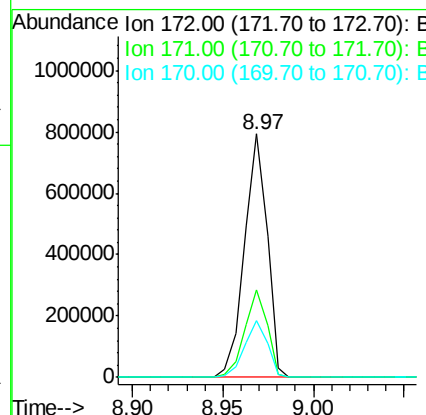
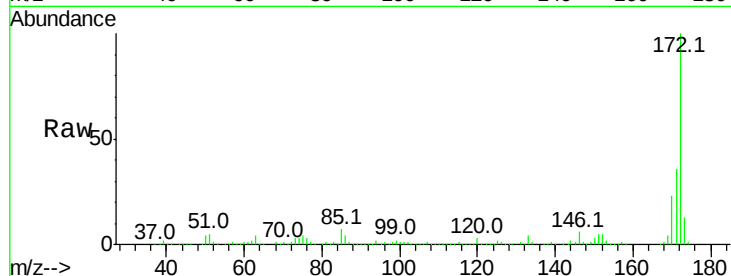
ClientSampleId :

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Tot Ion:	172	Resp:	692996
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.6	44.4
170	23.4	19.8	29.8

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#49

Dimethylphthalate

Concen: 6.406 ng

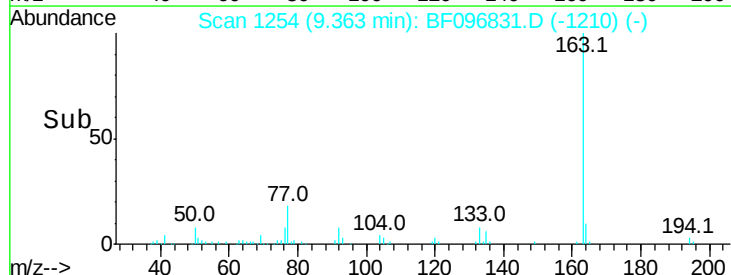
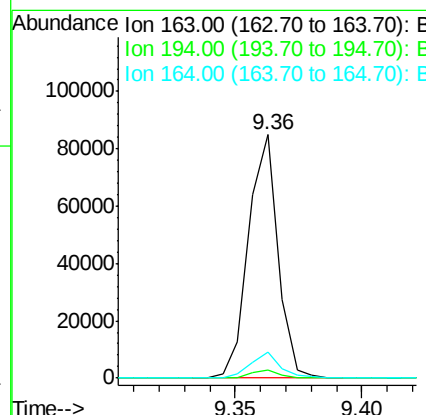
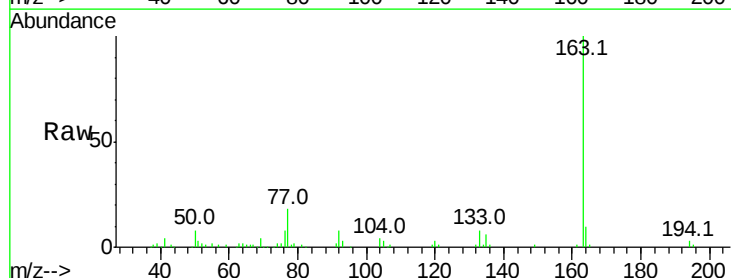
RT: 9.36 min Scan# 1254

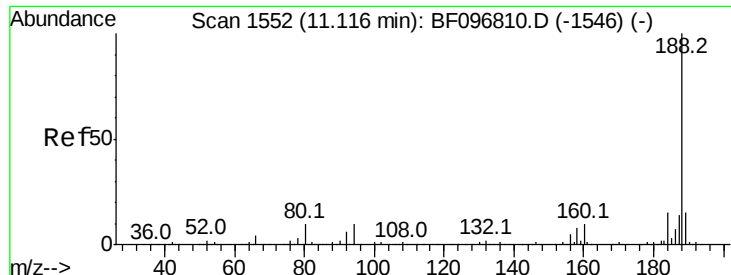
Delta R.T. -0.04 min

Lab File: BF096831.D

Acq: 17 Jul 2017 20:42

Tgt Ion:	163	Resp:	68489
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.6	4.0
164	10.5	8.4	12.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.11 min Scan# 1551

Delta R.T. -0.04 min

Lab File: BF096831.D

Acq: 17 Jul 2017 20:42

Instrument :

BNA_F

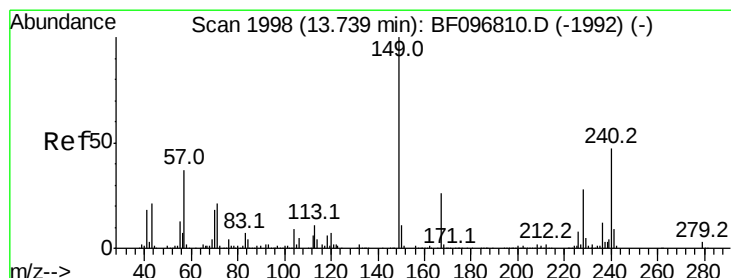
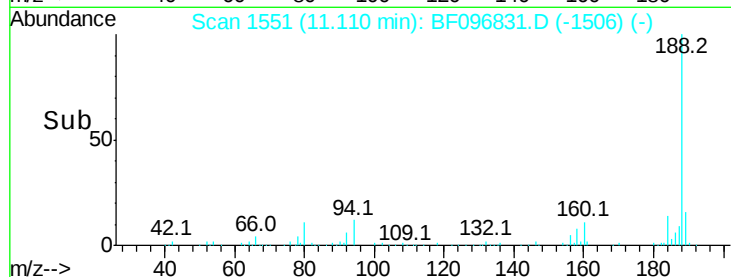
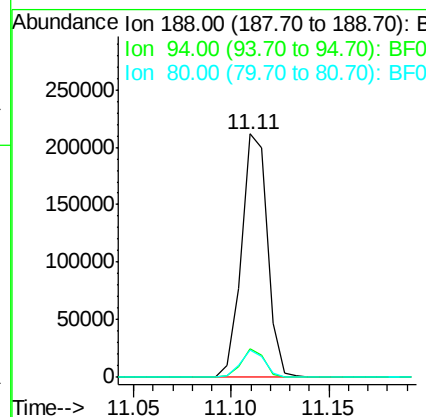
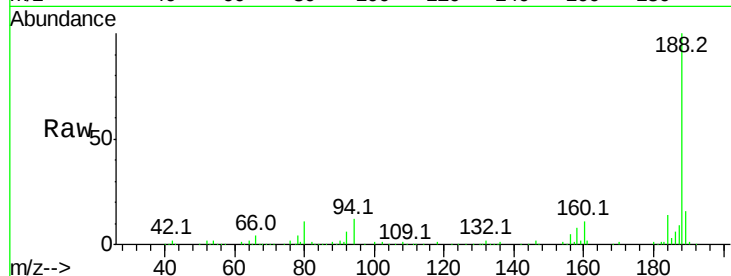
ClientSampleId :

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Tot Ion:	188	Resp:	194956
Ion Ratio	Lower	Upper	
188	100		
94	11.9	9.4	14.2
80	11.4	10.2	15.2

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#75

Chrysene-d12

Concen: 20.000 ng

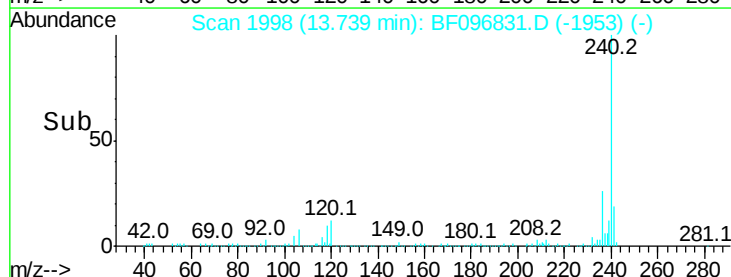
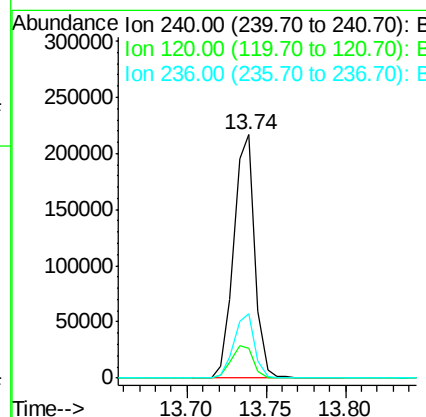
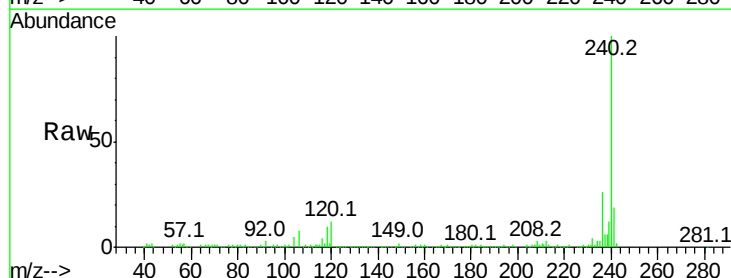
RT: 13.74 min Scan# 1998

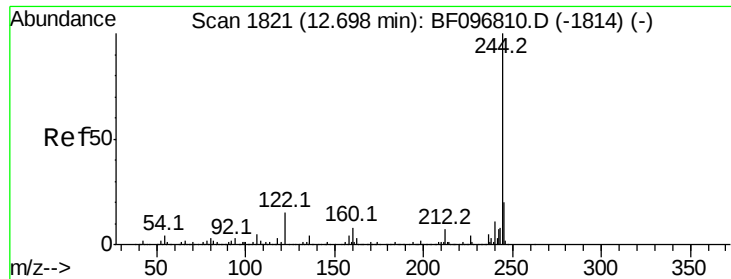
Delta R.T. -0.04 min

Lab File: BF096831.D

Acq: 17 Jul 2017 20:42

Tgt Ion:	240	Resp:	199320
Ion Ratio	Lower	Upper	
240	100		
120	12.4	5.8	8.8#
236	26.3	20.5	30.7





#78

Terphenyl-d14

Concen: 36.751 ng

RT: 12.70 min Scan# 1821

Delta R.T. -0.04 min

Lab File: BF096831.D

Acq: 17 Jul 2017 20:42

Instrument :

BNA_F

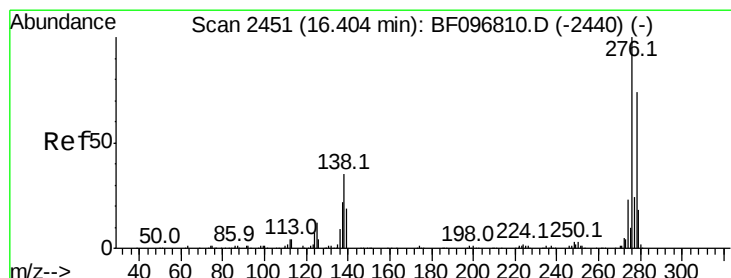
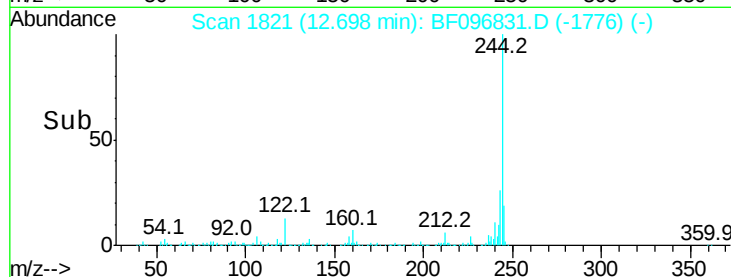
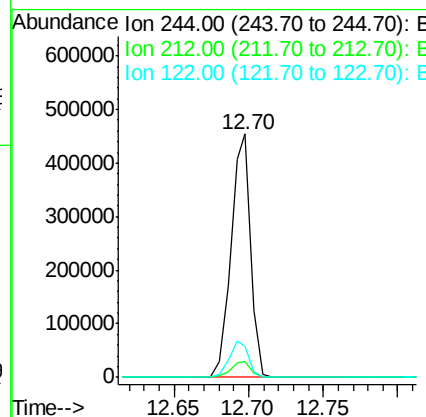
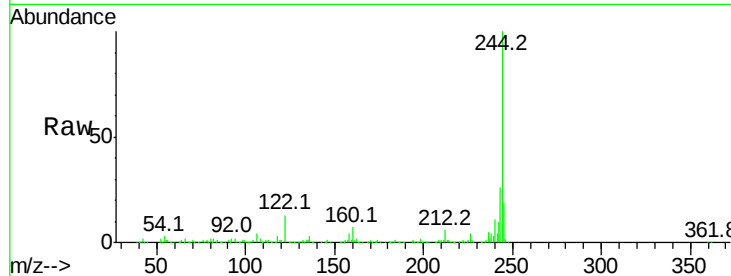
ClientSampleId :

NB-SB01A

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.0	9.0
122	12.5	10.3	15.5

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#85

Indeno(1,2,3-cd)pyrene

Concen: 3.801 ng

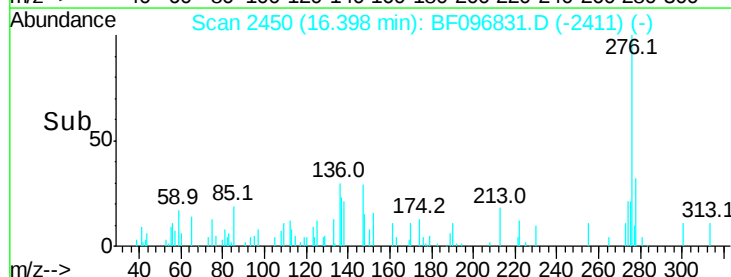
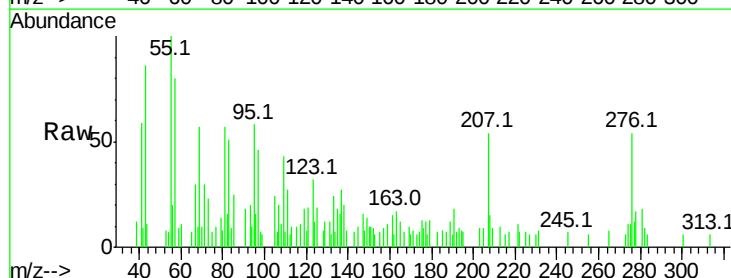
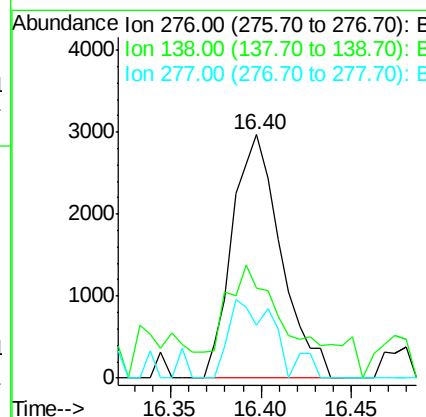
RT: 16.40 min Scan# 2450

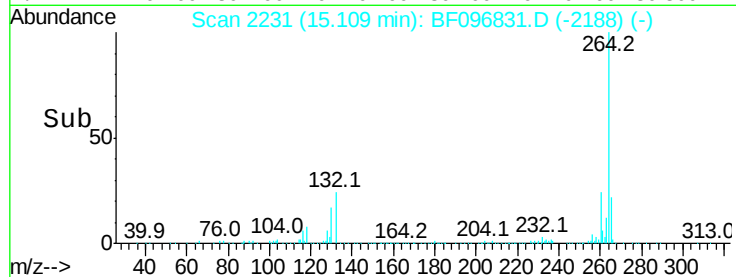
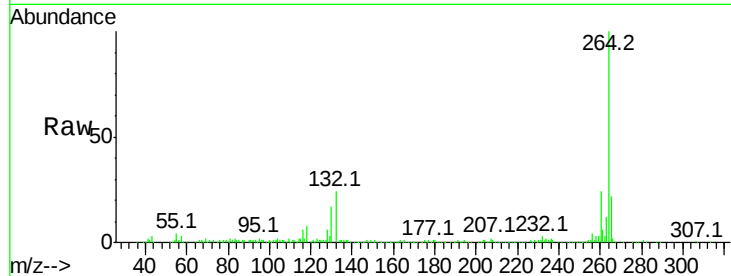
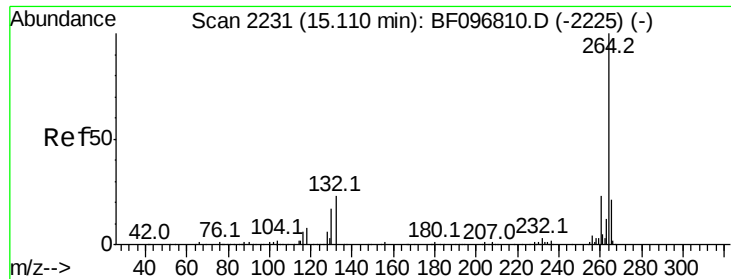
Delta R.T. -0.07 min

Lab File: BF096831.D

Acq: 17 Jul 2017 20:42

Tgt Ion	Ratio	Lower	Upper
276	100		
138	64.9	27.8	41.6#
277	31.2	20.2	30.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.11 min Scan# 2231
Delta R.T. -0.05 min
Lab File: BF096831.D
Acq: 17 Jul 2017 20:42

Instrument :
BNA_F
ClientSampleId :
NB-SB01A

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.8	17.2	25.8

Manual Integrations
APPROVED

mohammad
7/20/2017 8:38:41 AM

