

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
 Data File : BF096961.D
 Acq On : 21 Jul 2017 23:15
 Operator : SJ/JU
 Sample : I4290-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-2

Manual Integrations
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Sohil
 7/24/2017 3:05:29 PM

Quant Time: Jul 22 03:45:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	109842	20.00	ng	-0.04
21) Naphthalene-d8	7.83	136	432793	20.00	ng	-0.05
38) Acenaphthene-d10	9.58	164	160417	20.00	ng	-0.05
63) Phenanthrene-d10	11.06	188	233393	20.00	ng	-0.05
75) Chrysene-d12	13.69	240	226454	20.00	ng	-0.05
86) Perylene-d12	15.05	264	188199	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	658490	90.14	ng	-0.04
7) Phenol-d6	6.22	99	766090	87.39	ng	-0.04
23) Nitrobenzene-d5	7.12	82	447030	63.98	ng	-0.05
41) 2,4,6-Tribromophenol	10.37	330	110846	80.95	ng	-0.05
44) 2-Fluorobiphenyl	8.92	172	683862	67.35	ng	-0.05
78) Terphenyl-d14	12.65	244	424913	32.54	ng	-0.05
Target Compounds						
10) Phenol	6.22	94	30663	3.094	ng	Qvalue 92
49) Dimethylphthalate	9.31	163	59538	4.929	ng	97
74) Fluoranthene	12.26	202	47335	3.897	ng	98
77) Pyrene	12.49	202	49984	2.432	ng	97
85) Indeno(1,2,3-cd)pyrene	16.31	276	11328m	4.177	ng	
87) Benzo(b)fluoranthene	14.68	252	28616m	2.521	ng	
89) Benzo(a)pyrene	14.99	252	21346	2.050	ng	# 95

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

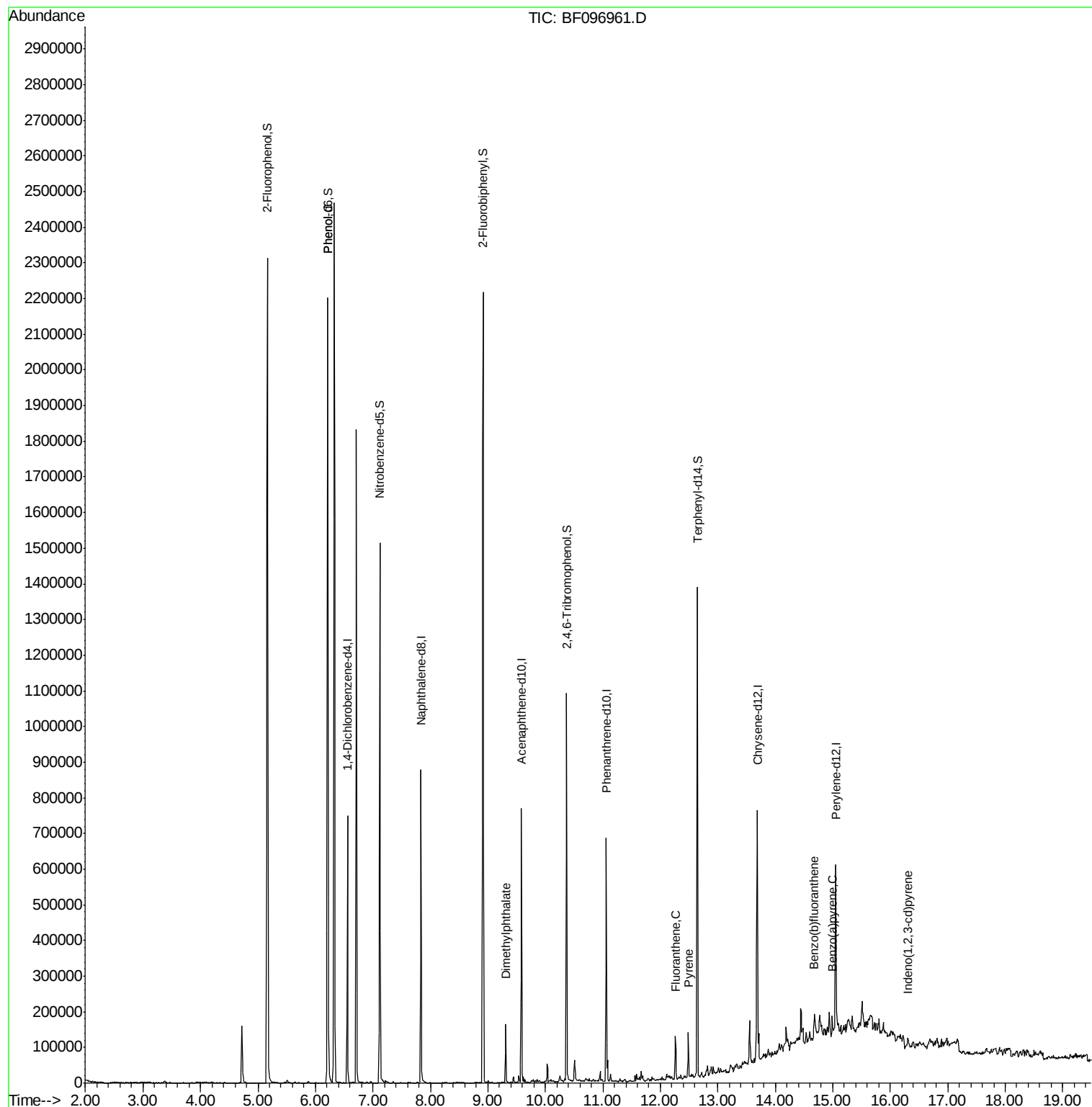
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
Data File : BF096961.D
Acq On : 21 Jul 2017 23:15
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Sample : I4290-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

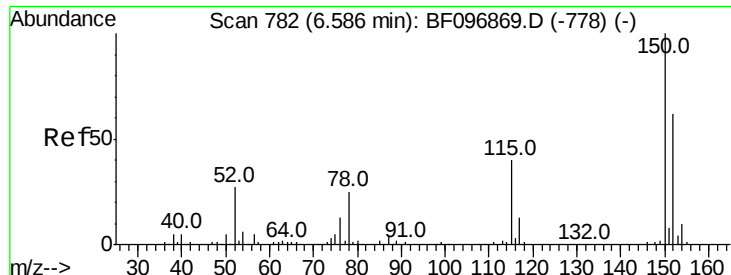
Instrument :
BNA_F
ClientSampleId :
S-2

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Quant Time: Jul 22 03:45:32 2017
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#1

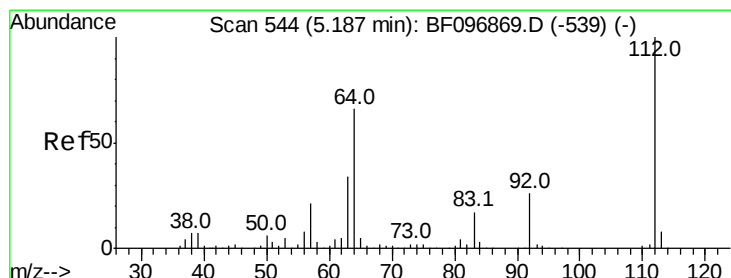
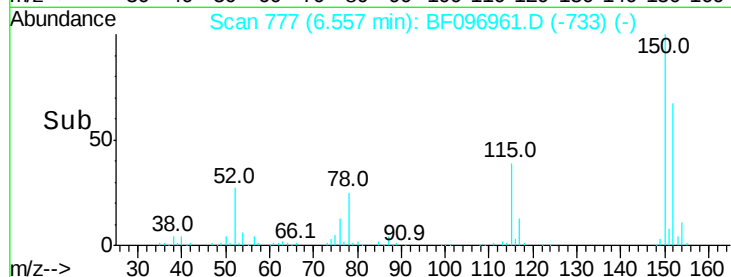
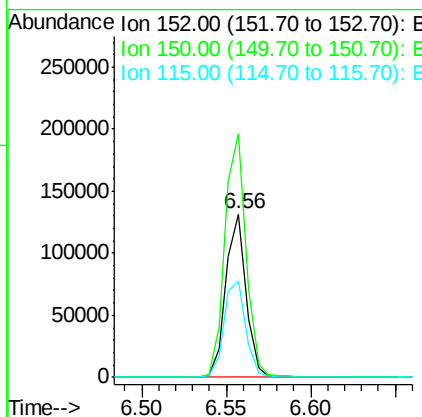
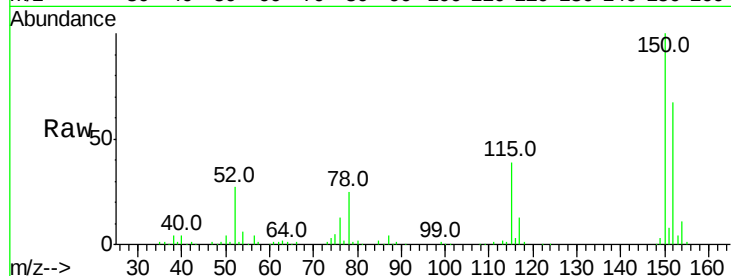
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.56 min Scan# 777
Delta R.T. -0.04 min
Lab File: BF096961.D
Acq: 21 Jul 2017 23:15

Instrument :
BNA_F
ClientSampled :
S-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.8	126.2	189.2
115	58.7	52.2	78.2

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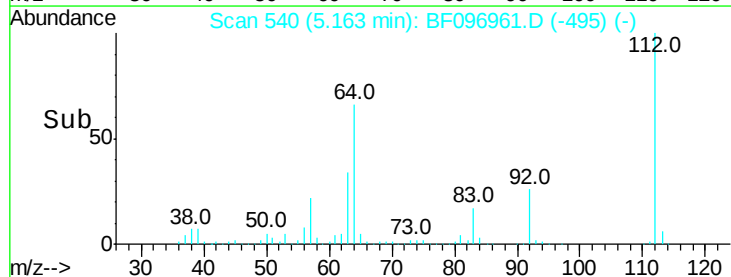
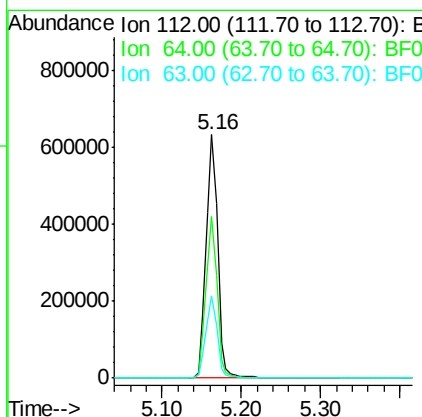
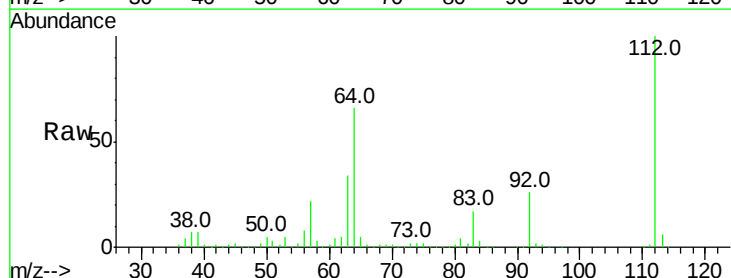
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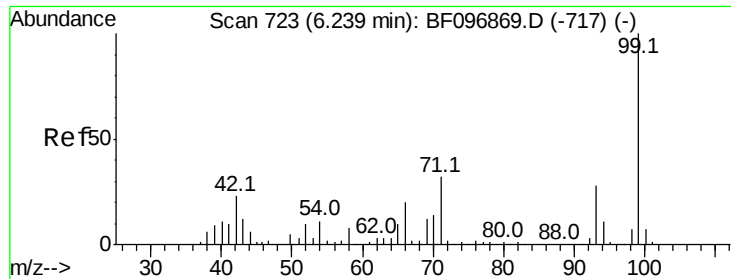


#5

2-Fluorophenol
Concen: 90.138 ng
RT: 5.16 min Scan# 540
Delta R.T. -0.04 min
Lab File: BF096961.D
Acq: 21 Jul 2017 23:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.2	46.0	69.0
63	33.9	23.4	35.0





#7

Phenol-d6

Concen: 87.387 ng

RT: 6.22 min Scan# 719

Delta R.T. -0.04 min

Lab File: BF096961.D

Acq: 21 Jul 2017 23:15

Instrument :

BNA_F

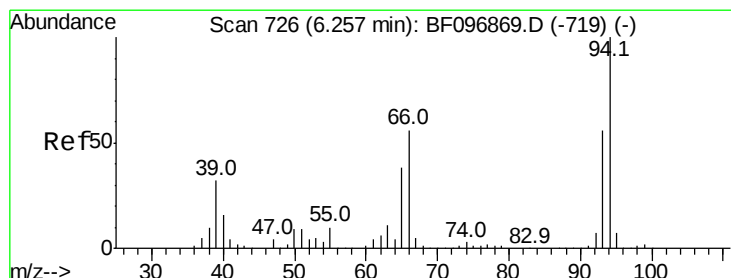
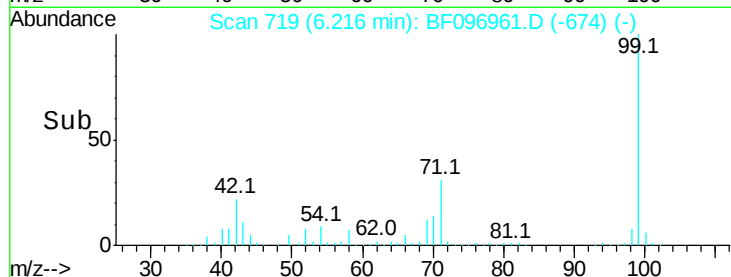
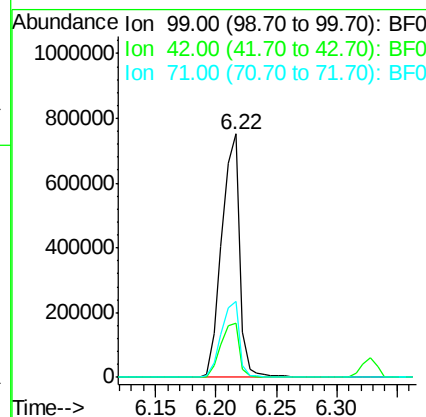
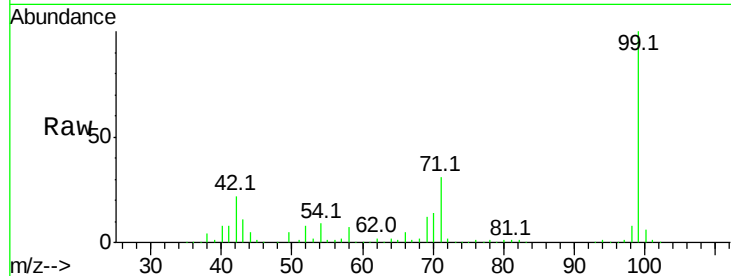
ClientSampled :

S-2

Tot Ion:	99	Resp:	766090
Ion Ratio	Lower	Upper	
99	100		
42	22.1	13.5	20.3#
71	31.2	24.5	36.7

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#10

Phenol

Concen: 3.094 ng

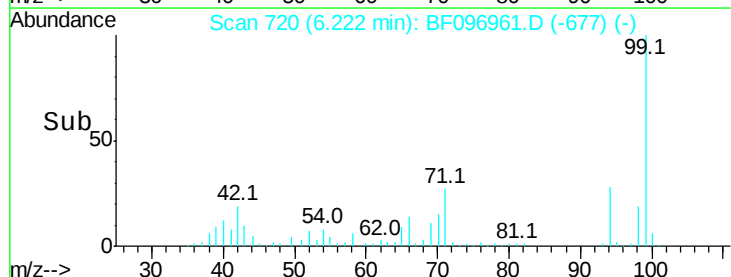
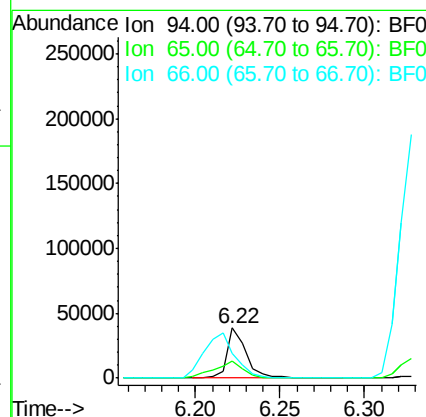
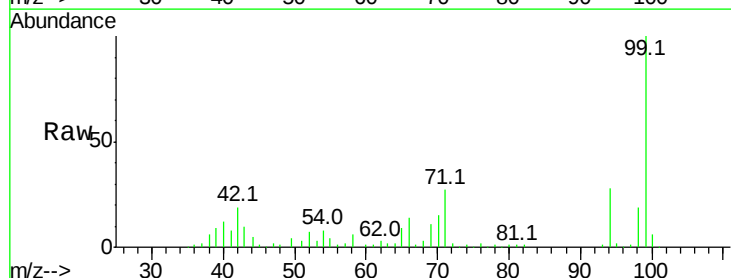
RT: 6.22 min Scan# 720

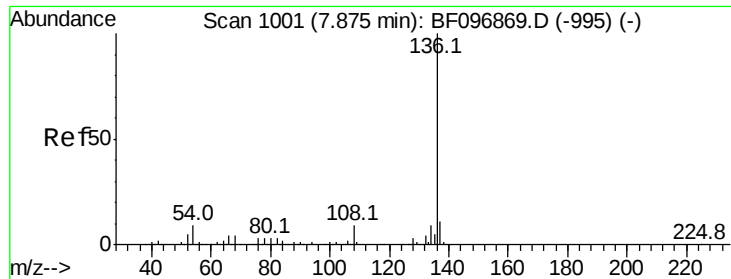
Delta R.T. -0.05 min

Lab File: BF096961.D

Acq: 21 Jul 2017 23:15

Tgt Ion:	94	Resp:	30663
Ion Ratio	Lower	Upper	
94	100		
65	32.8	9.9	49.9
66	49.6	23.1	63.1





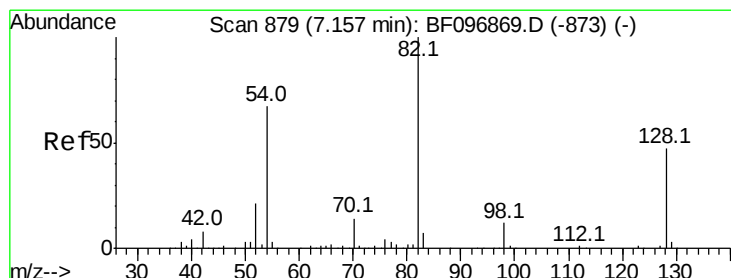
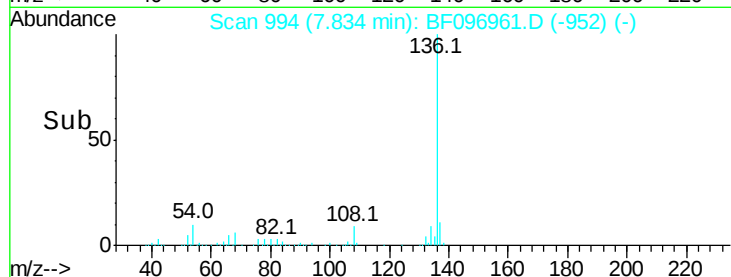
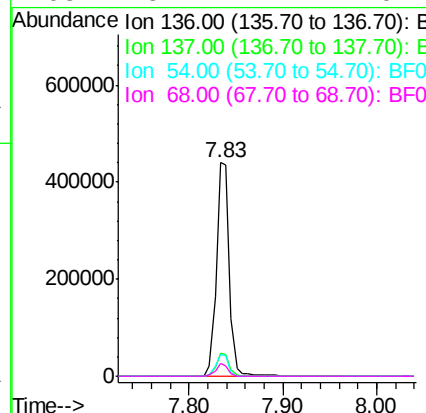
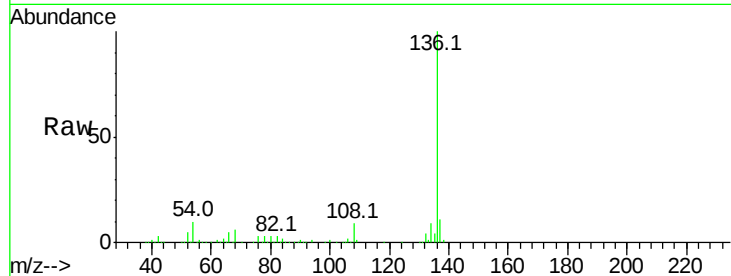
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.83 min Scan# 994
Delta R.T. -0.05 min
Lab File: BF096961.D
Acq: 21 Jul 2017 23:15

Instrument :
BNA_F
ClientSampleId :
S-2

Tot Ion	Ratio	Resp	Lower	Upper
136	100	432793		
137	10.7		8.5	12.7
54	10.4		4.9	7.3#
68	5.7		4.1	6.1

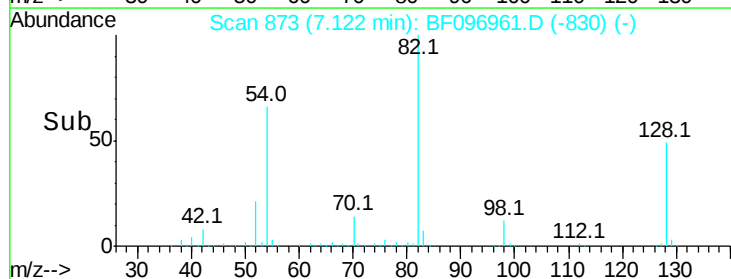
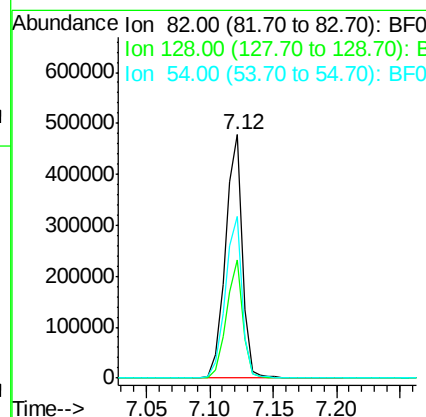
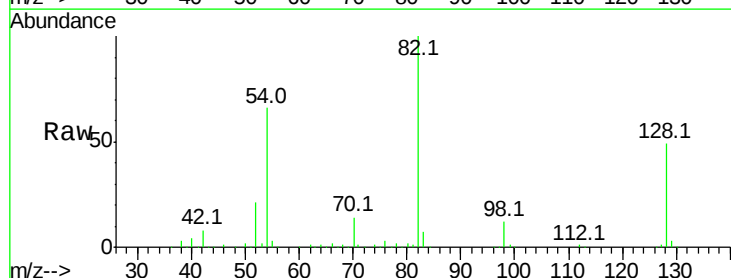
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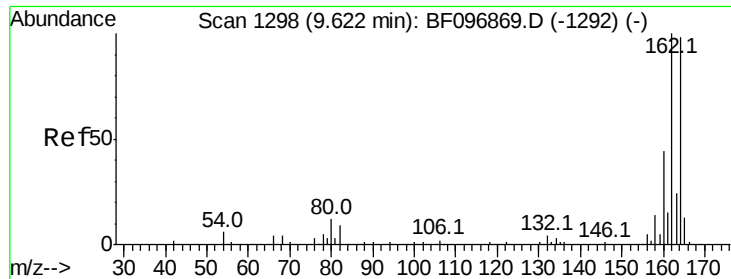
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#23
Nitrobenzene-d5
Concen: 63.978 ng
RT: 7.12 min Scan# 873
Delta R.T. -0.05 min
Lab File: BF096961.D
Acq: 21 Jul 2017 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	447030		
128	48.6		34.0	51.0
54	66.3		42.2	63.2#





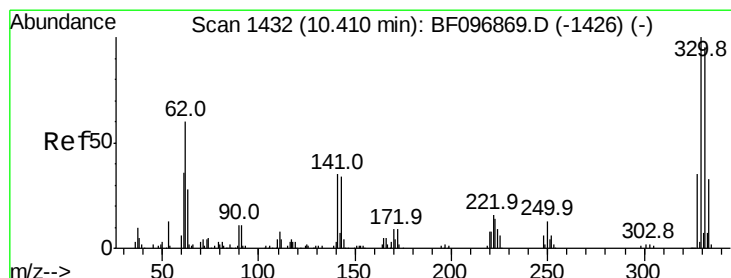
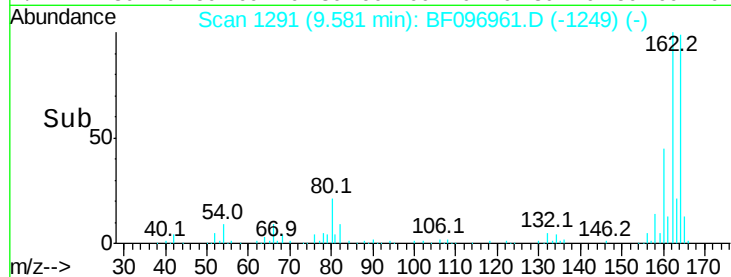
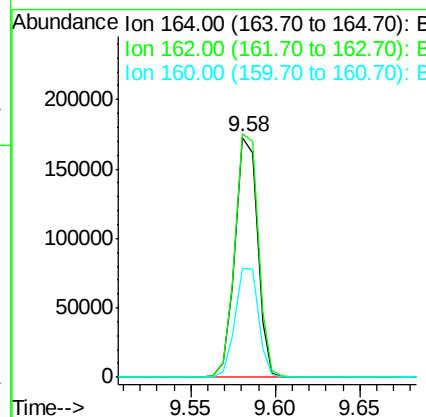
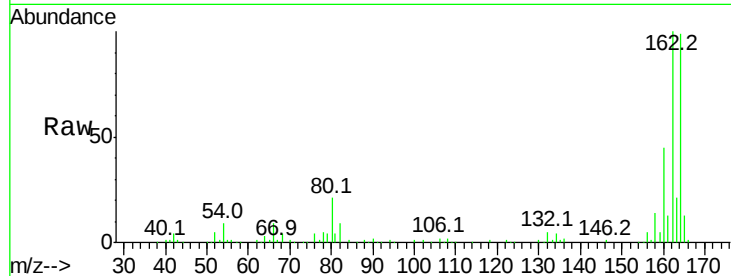
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.58 min Scan# 1291
Delta R.T. -0.05 min
Lab File: BF096961.D
Acq: 21 Jul 2017 23:15

Instrument :
BNA_F
ClientSampleId :
S-2

Tot Ion	Ratio	Resp	Lower	Upper
164	100	160417		
162	101.5	82.6	123.8	
160	45.7	36.2	54.2	

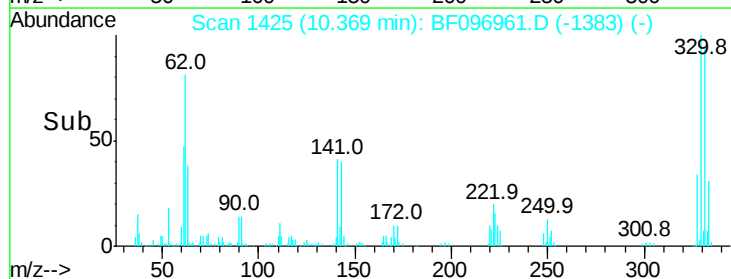
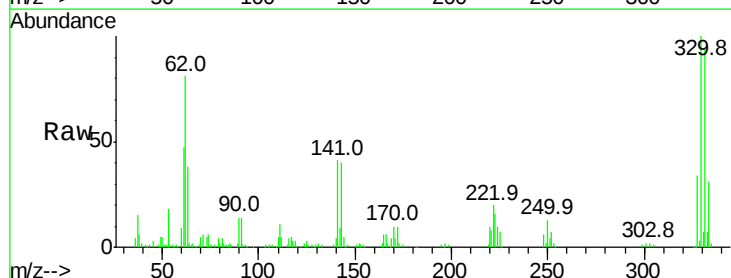
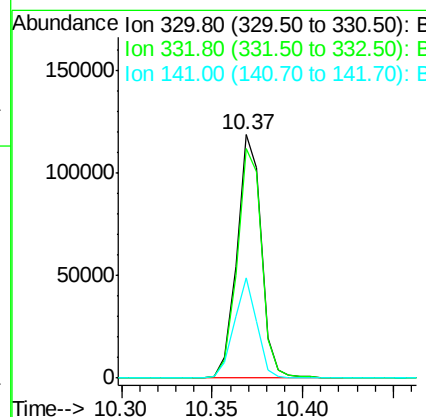
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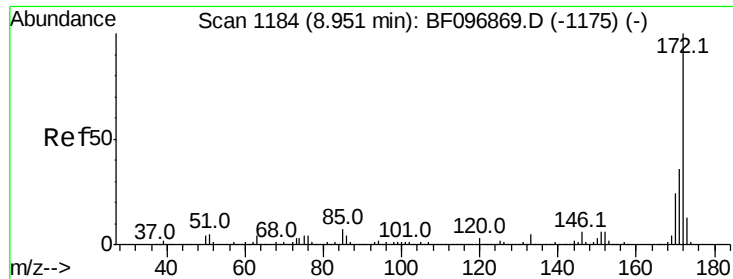
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#41
2,4,6-Tribromophenol
Concen: 80.951 ng
RT: 10.37 min Scan# 1425
Delta R.T. -0.05 min
Lab File: BF096961.D
Acq: 21 Jul 2017 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	110846		
332	95.2	76.6	115.0	
141	38.5	31.4	47.2	





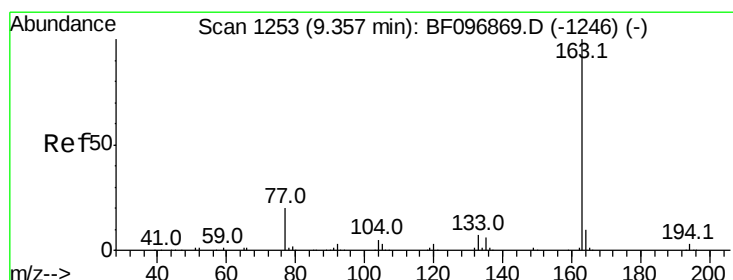
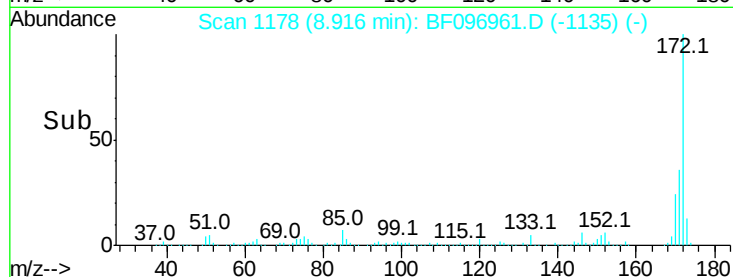
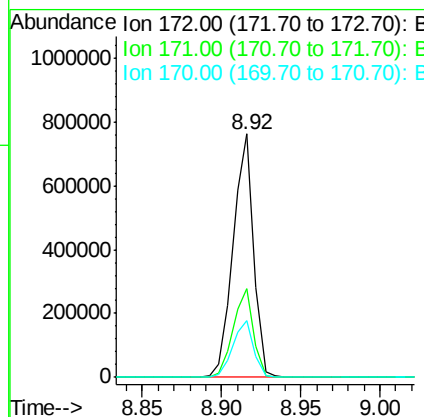
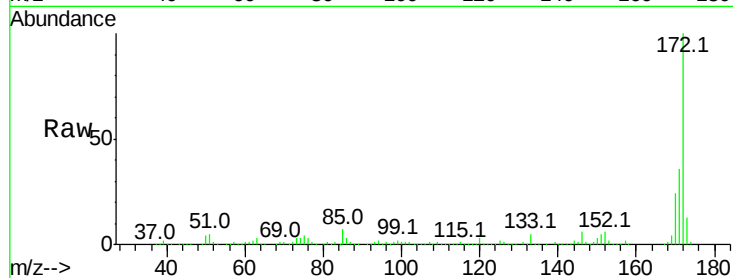
#44
2-Fluorobiphenyl
Concen: 67.352 ng
RT: 8.92 min Scan# 1178
Delta R.T. -0.05 min
Lab File: BF096961.D
Acq: 21 Jul 2017 23:15

Instrument :
BNA_F
ClientSampleId :
S-2

Tot Ion	Ratio	Resp	Lower	Upper
172	100	683862		
171	36.2		29.6	44.4
170	23.5		19.8	29.8

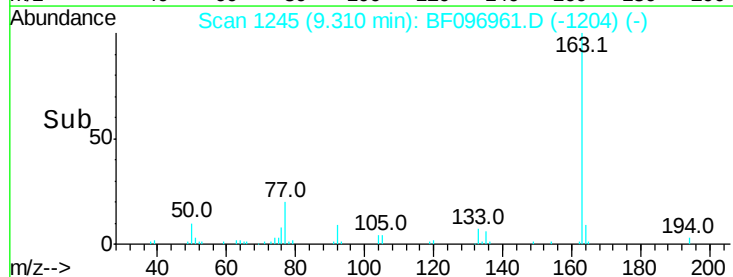
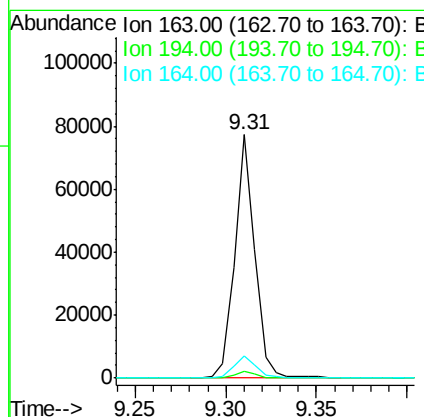
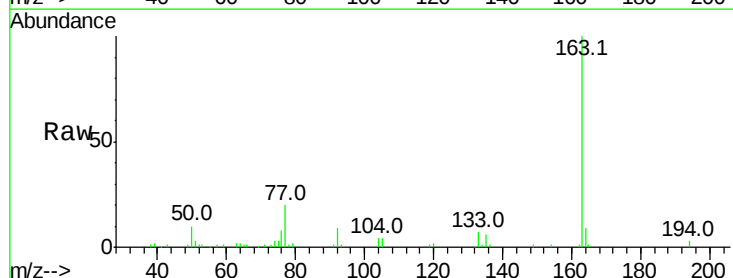
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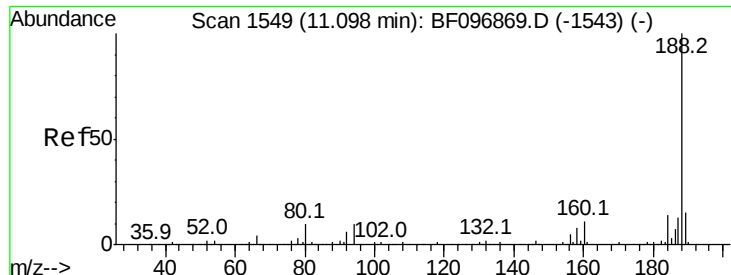
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#49
Dimethylphthalate
Concen: 4.929 ng
RT: 9.31 min Scan# 1245
Delta R.T. -0.06 min
Lab File: BF096961.D
Acq: 21 Jul 2017 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	59538		
194	3.0		2.6	4.0
164	9.2		8.4	12.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.06 min Scan# 1542

Delta R.T. -0.05 min

Lab File: BF096961.D

Acq: 21 Jul 2017 23:15

Instrument :

BNA_F

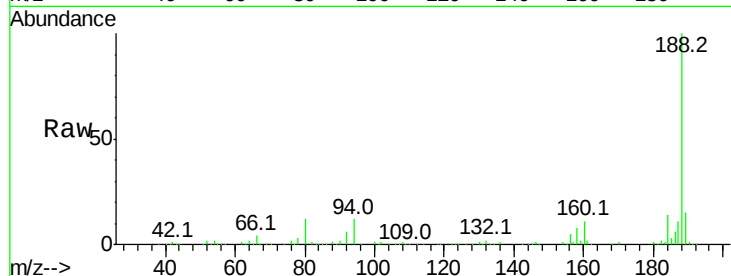
ClientSampleId :

S-2

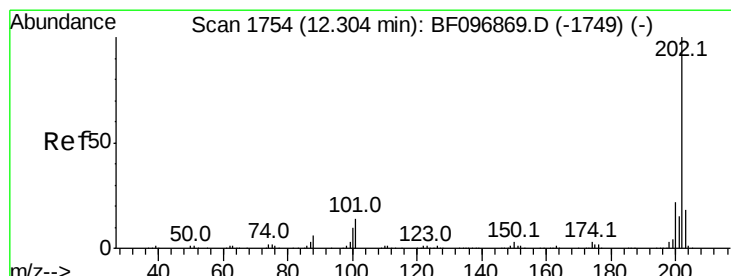
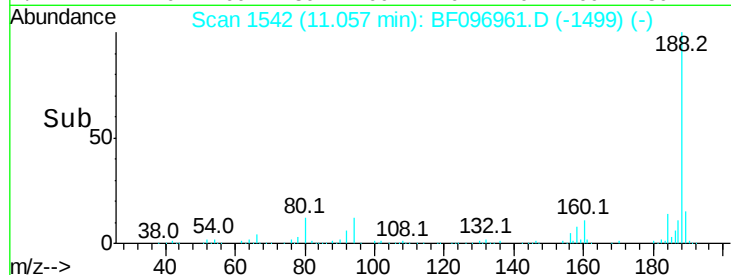
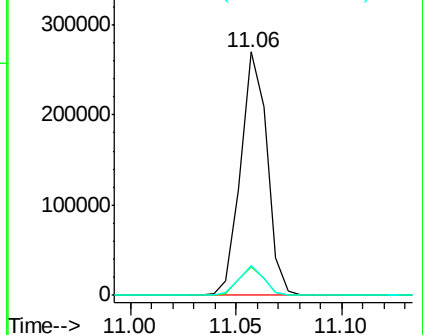
Tot Ion:	188	Resp:	233393
Ion Ratio	Lower	Upper	
188	100		
94	11.6	9.4	14.2
80	12.1	10.2	15.2

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Abundance Ion 188.00 (187.70 to 188.70): E



#74

Fluoranthene

Concen: 3.897 ng

RT: 12.26 min Scan# 1747

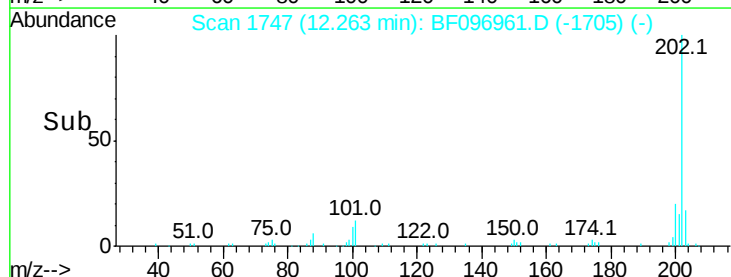
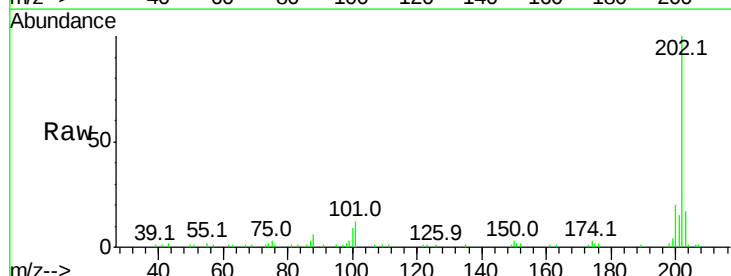
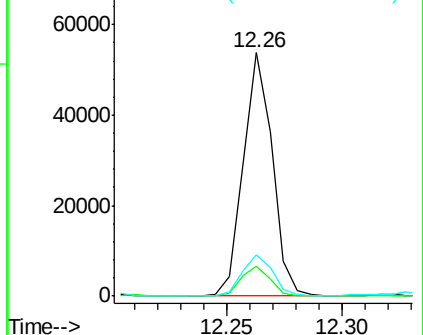
Delta R.T. -0.05 min

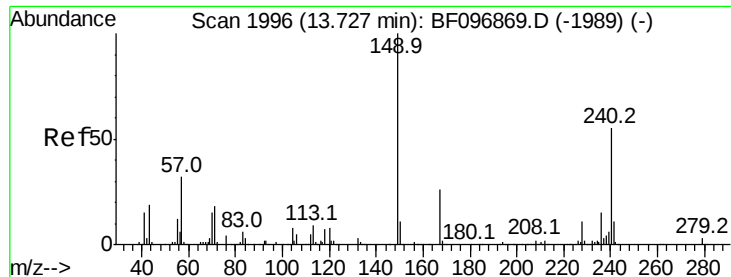
Lab File: BF096961.D

Acq: 21 Jul 2017 23:15

Tgt Ion:	202	Resp:	47335
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	33.2
203	17.0	0.0	38.1

Abundance Ion 202.00 (201.70 to 202.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.69 min Scan# 1989

Delta R.T. -0.05 min

Lab File: BF096961.D

Acq: 21 Jul 2017 23:15

Instrument :

BNA_F

ClientSampled :

S-2

Tot Ion:240 Resp: 226454
Ion Ratio Lower Upper

240 100

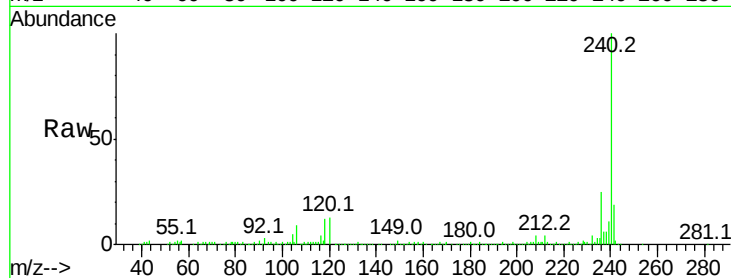
120 13.4 5.8 8.8#

236 25.1 20.5 30.7

Manual Integrations
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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

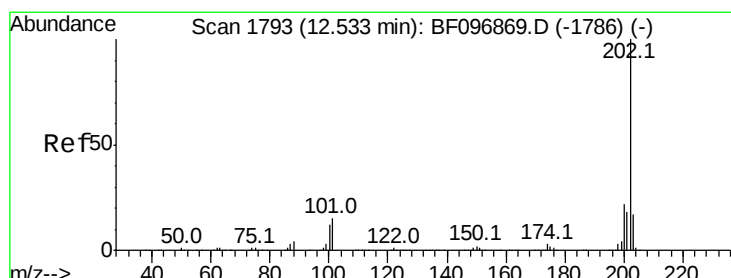
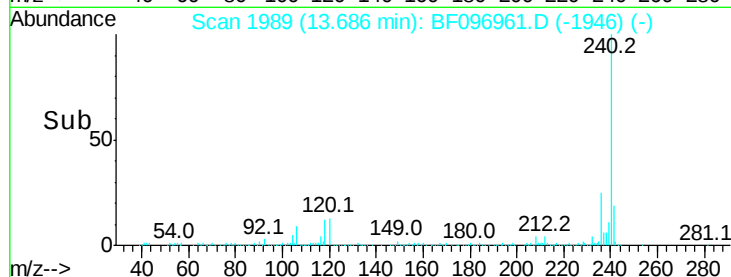
13.69

200000

100000

0

Time-->



#77

Pyrene

Concen: 2.432 ng

RT: 12.49 min Scan# 1785

Delta R.T. -0.05 min

Lab File: BF096961.D

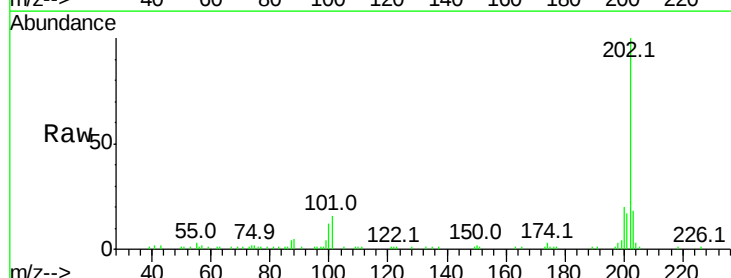
Acq: 21 Jul 2017 23:15

Tgt Ion:202 Resp: 49984
Ion Ratio Lower Upper

202 100

200 19.7 17.6 26.4

203 17.6 14.4 21.6



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

12.49

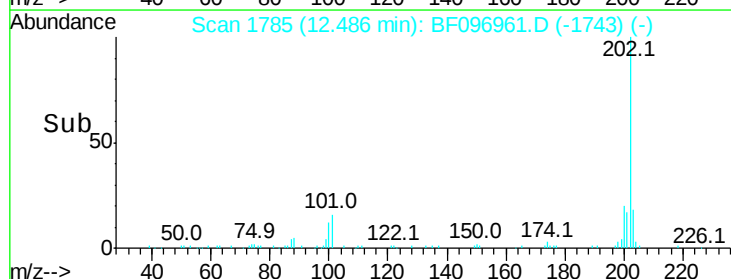
60000

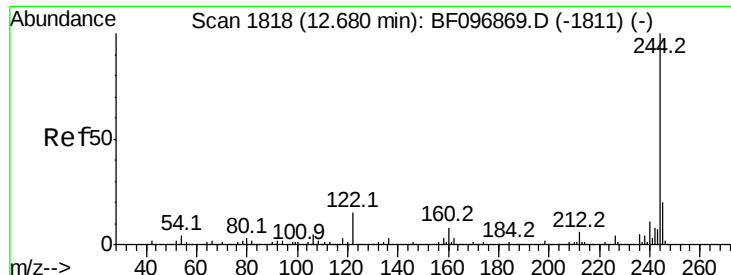
40000

20000

0

Time-->





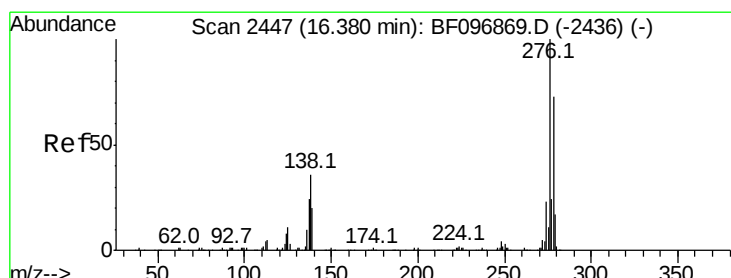
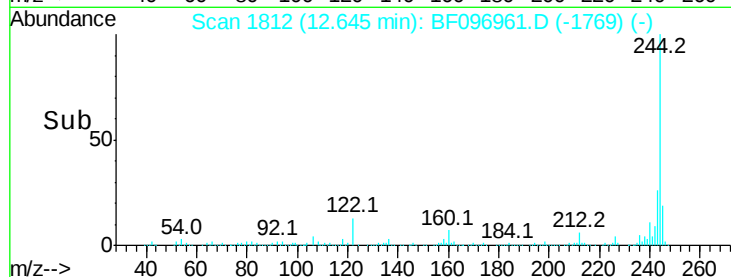
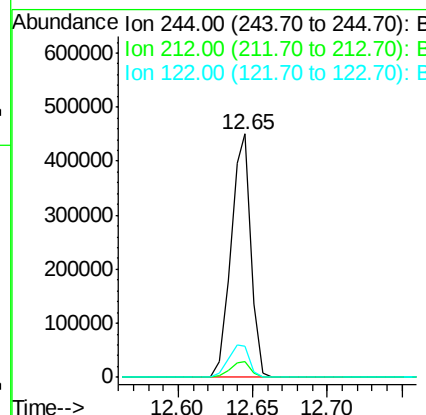
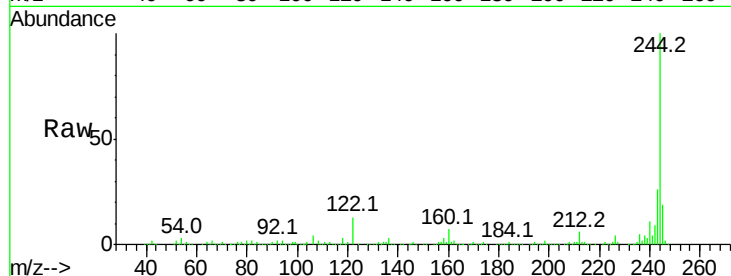
#78
 Terphenyl-d14
 Concen: 32.541 ng
 RT: 12.65 min Scan# 1812
 Delta R.T. -0.05 min
 Lab File: BF096961.D
 Acq: 21 Jul 2017 23:15

Instrument :
 BNA_F
 ClientSampleId :
 S-2

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	12.8	10.3	15.5

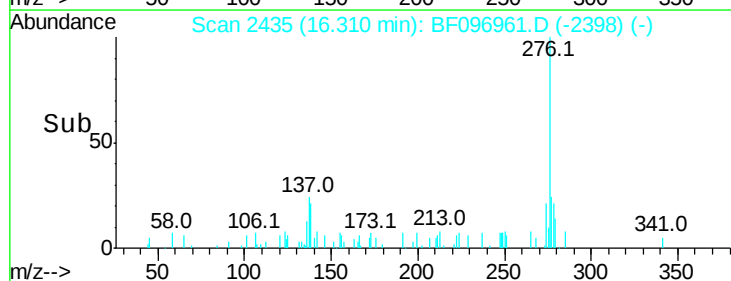
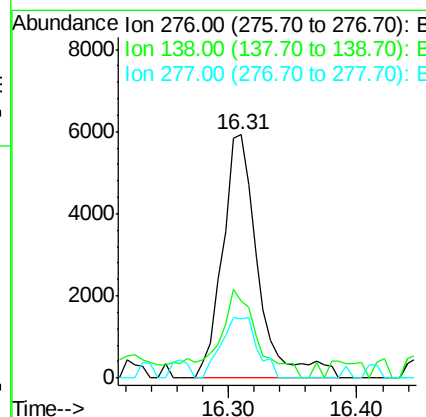
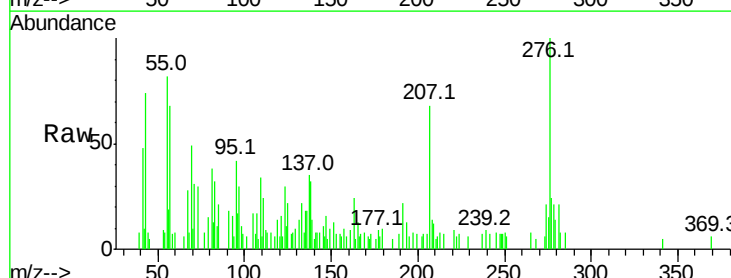
Manual Integrations
 APPROVED

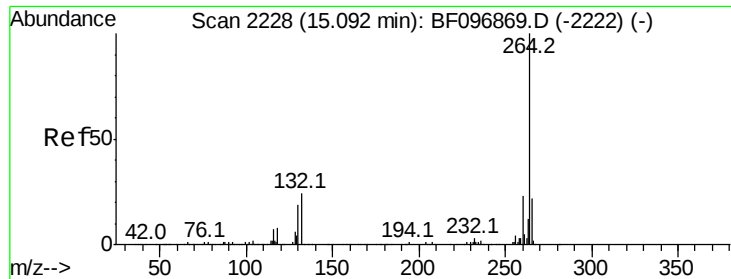
Sohil
 7/24/2017 3:05:29 PM



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.177 ng m
 RT: 16.31 min Scan# 2435
 Delta R.T. -0.08 min
 Lab File: BF096961.D
 Acq: 21 Jul 2017 23:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	7.3	27.8	41.6#
277	7.2	20.2	30.4#





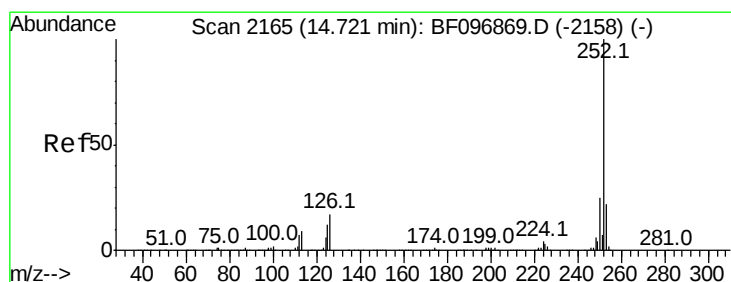
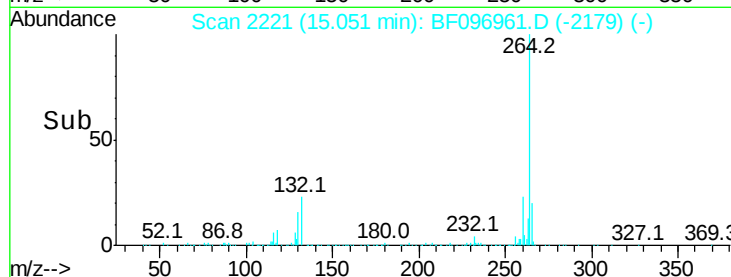
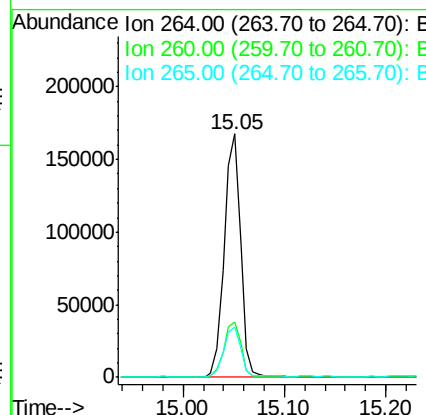
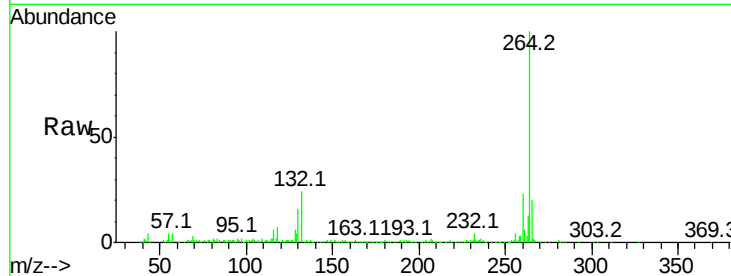
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.05 min Scan# 2221
Delta R.T. -0.05 min
Lab File: BF096961.D
Acq: 21 Jul 2017 23:15

Instrument :
BNA_F
ClientSampled :
S-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	20.5	17.2	25.8

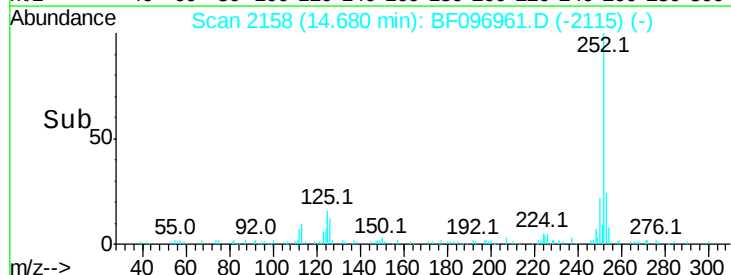
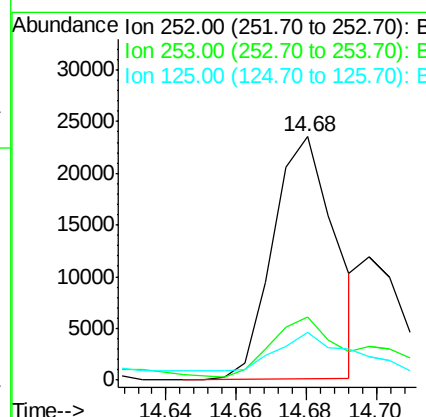
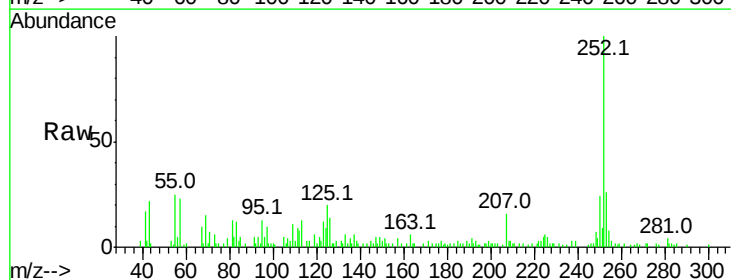
Manual Integrations
APPROVED

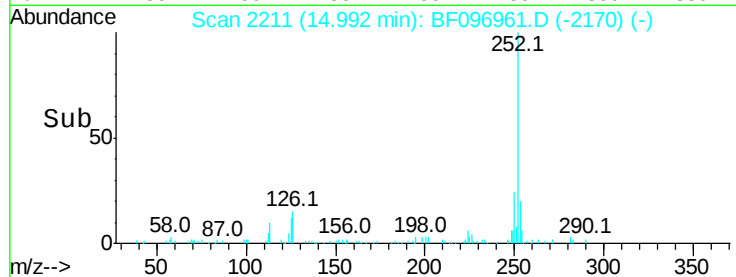
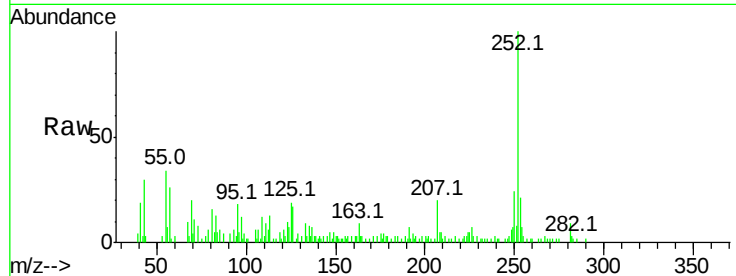
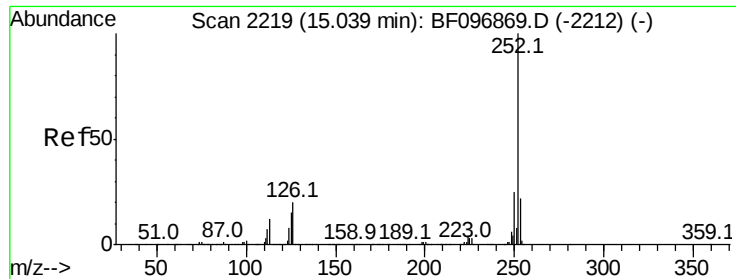
Sohil
7/24/2017 3:05:29 PM



#87
Benzo(b)fluoranthene
Concen: 2.521 ng m
RT: 14.68 min Scan# 2158
Delta R.T. -0.05 min
Lab File: BF096961.D
Acq: 21 Jul 2017 23:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.1	27.1
125	19.7	9.8	14.8#





#89

Benzo(a)pyrene

Concen: 2.050 ng

RT: 14.99 min Scan# 2211

Delta R.T. -0.06 min

Lab File: BF096961.D

Acq: 21 Jul 2017 23:15

Instrument :

BNA_F

ClientSampleId :

S-2

Tot Ion:	252	Resp:	21346
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.5	26.3
125	18.6	11.0	16.4

Manual Integrations
APPROVED

Sohil
7/24/2017 3:05:29 PM

