

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070717\
 Data File : BF096580.D
 Acq On : 8 Jul 2017 1:04
 Operator : SJ/MA
 Sample : I4072-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-070517-B

Manual Integrations
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Quant Time: Jul 10 03:27:51 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	106011	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	417560	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	156639	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	235893	20.00	ng	0.00
75) Chrysene-d12	13.84	240	197272	20.00	ng	0.00
86) Perylene-d12	15.24	264	129797	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	631705	87.95	ng	0.00
7) Phenol-d6	6.34	99	727083	82.34	ng	0.00
23) Nitrobenzene-d5	7.26	82	418267	60.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	115463	94.37	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	652017	71.17	ng	0.00
78) Terphenyl-d14	12.79	244	523657	56.72	ng	0.00
Target Compounds						
10) Phenol	6.35	94	22768	2.263	ng	90
49) Dimethylphthalate	9.45	163	127799	10.929	ng	100
70) Phenanthrene	11.23	178	28709	2.251	ng	96
74) Fluoranthene	12.42	202	48833	3.906	ng	98
77) Pyrene	12.65	202	54772	3.459	ng	98
83) Bis(2-ethylhexyl)phthalate	13.83	149	23797	2.660	ng	# 91
87) Benzo(b)fluoranthene	14.85	252	19361m	2.381	ng	
89) Benzo(a)pyrene	15.19	252	14631m	2.015	ng	
91) Benzo(g,h,i)perylene	17.00	276	11929	2.015	ng	# 72

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

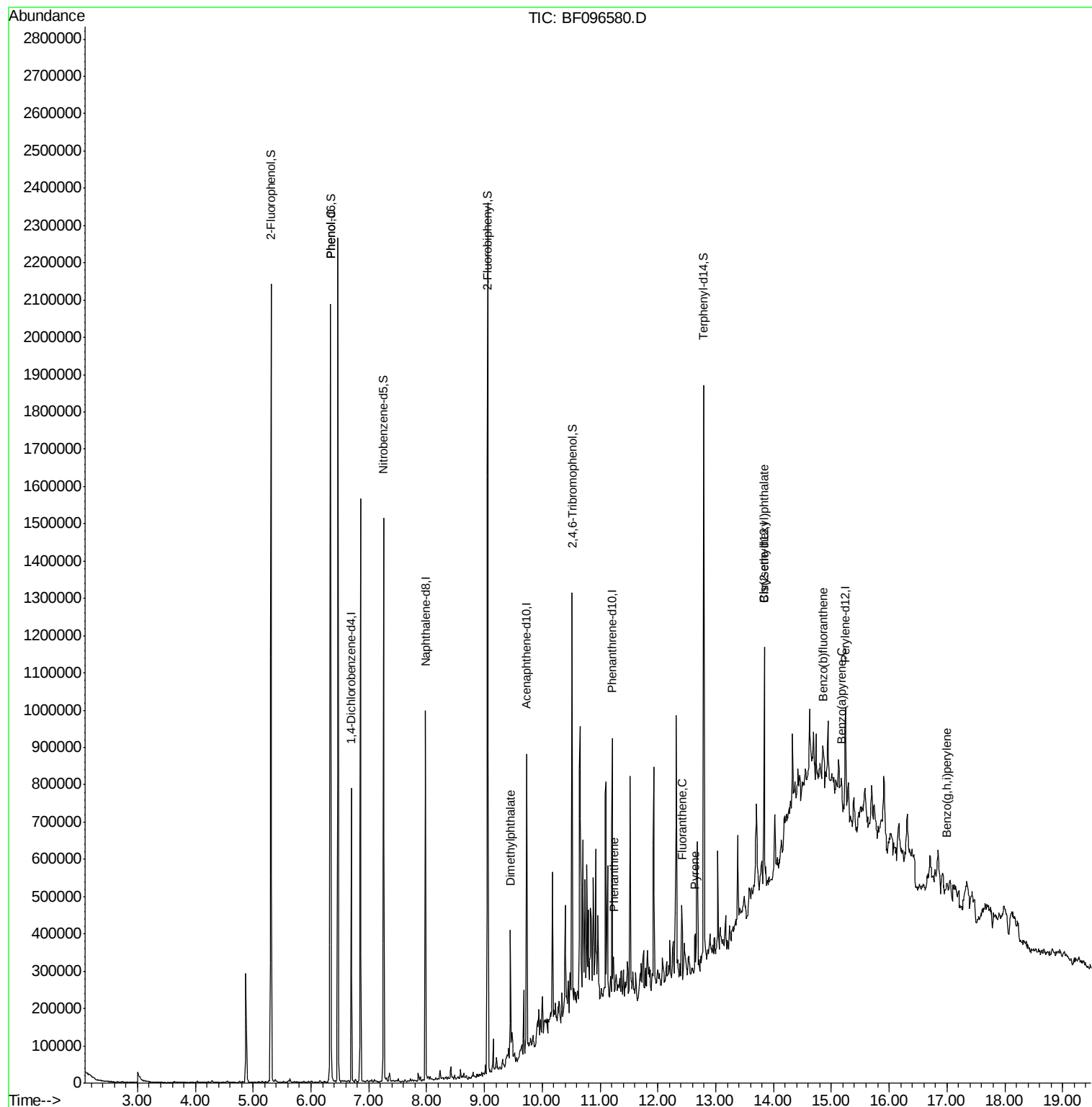
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070717\
Data File : BF096580.D
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Operator : SJ/MA
Sample : I4072-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

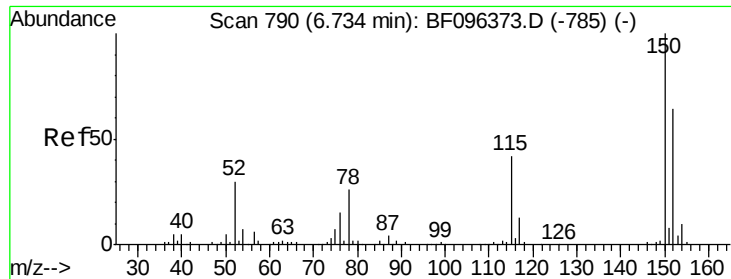
Instrument :
BNA_F
ClientSampleId :
TR-05-070517-B

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#1

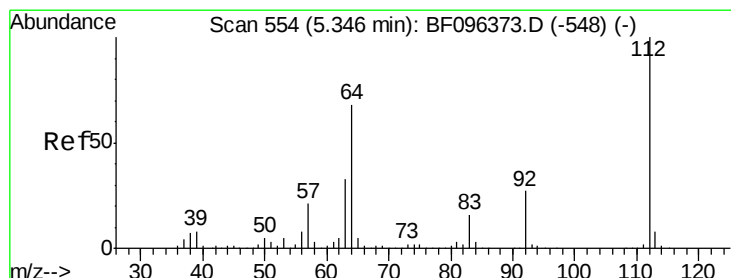
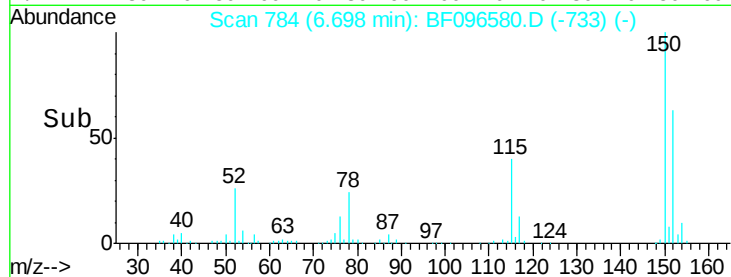
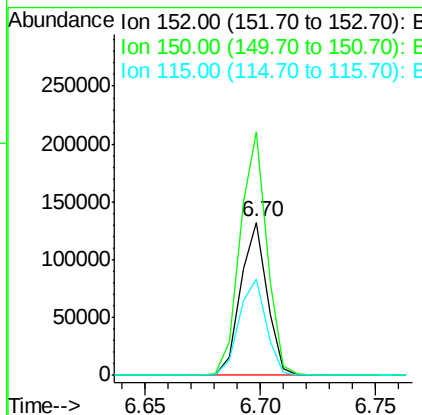
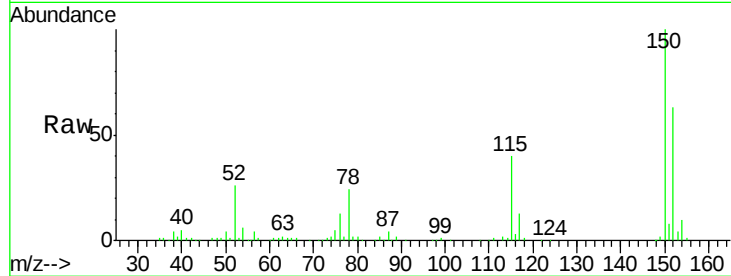
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF096580.D
Acq: 8 Jul 2017 1:04

Instrument :
BNA_F
ClientSampleId :
TR-05-070517-B

Tgt	Ion	Resp	Lower	Upper
152	100			
150	158.8	126.2	189.2	
115	63.1	52.2	78.2	

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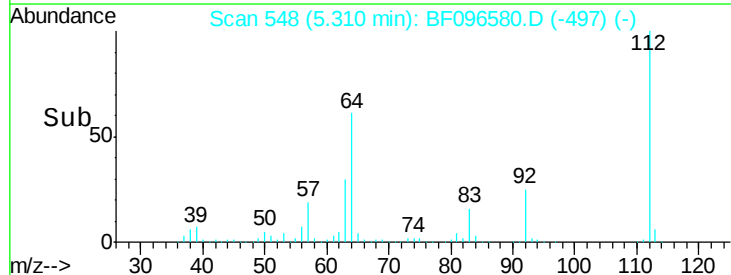
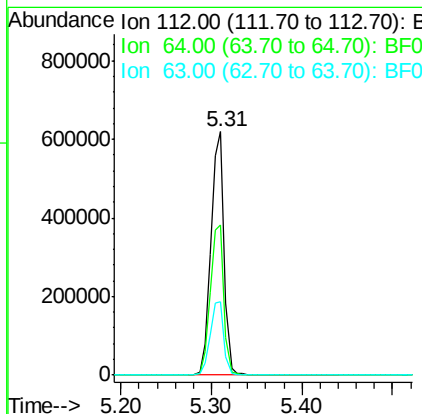
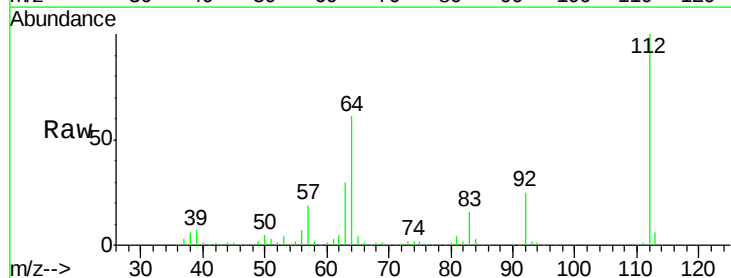
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#5

2-Fluorophenol
Concen: 87.951 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF096580.D
Acq: 8 Jul 2017 1:04

Tgt	Ion	Resp	Lower	Upper
112	100			
64	61.4	46.0	69.0	
63	30.4	23.4	35.0	





#7

Phenol-d6

Concen: 82.343 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF096580.D

Acq: 8 Jul 2017 1:04

Instrument :

BNA_F

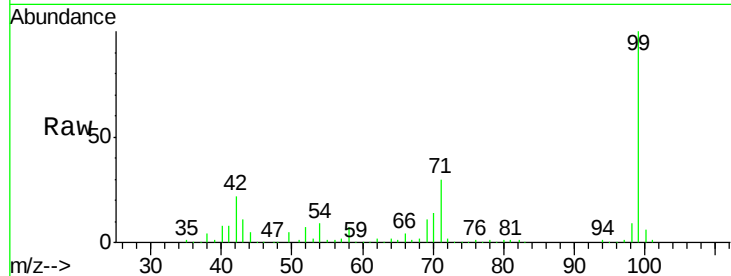
ClientSampleId :

TR-05-070517-B

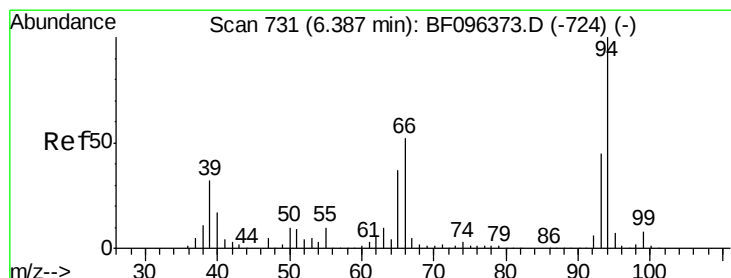
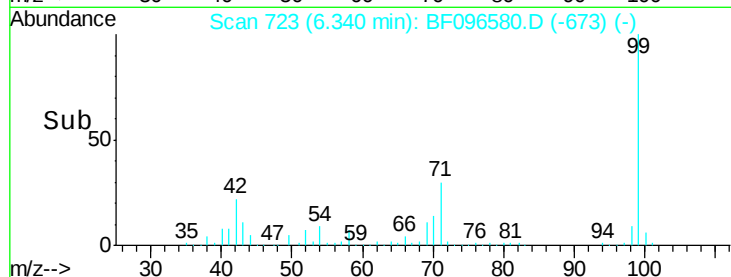
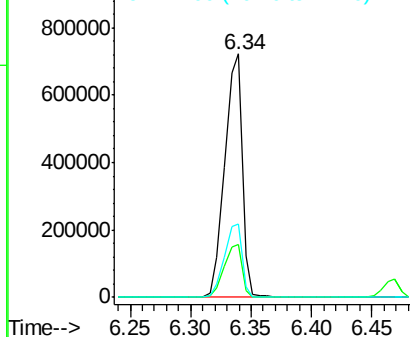
Tgt Ion:	99	Resp:	727083
Ion Ratio	Lower	Upper	
99	100		
42	21.9	13.5	20.3#
71	30.4	24.5	36.7

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.263 ng

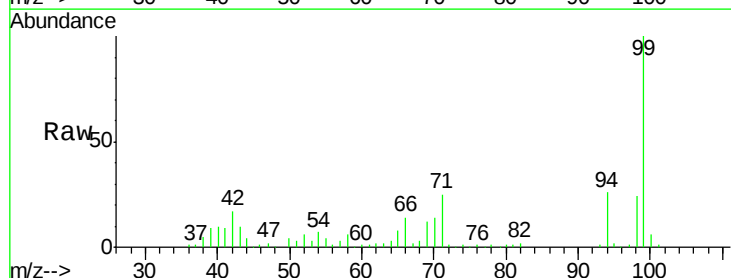
RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

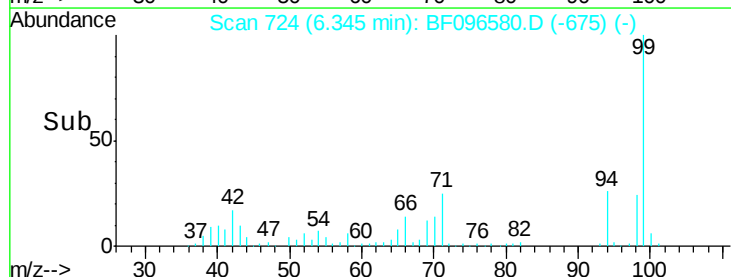
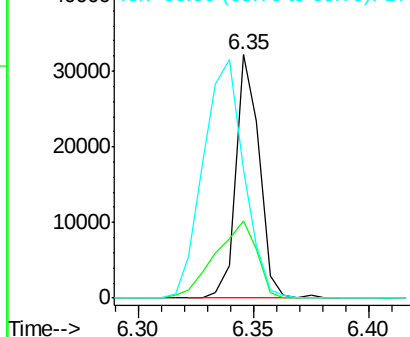
Lab File: BF096580.D

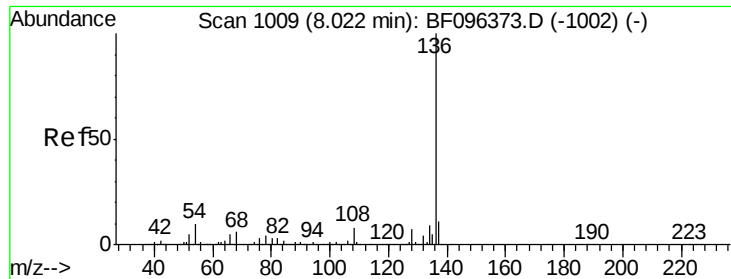
Acq: 8 Jul 2017 1:04

Tgt Ion:	94	Resp:	22768
Ion Ratio	Lower	Upper	
94	100		
65	31.6	9.9	49.9
66	52.7	23.1	63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





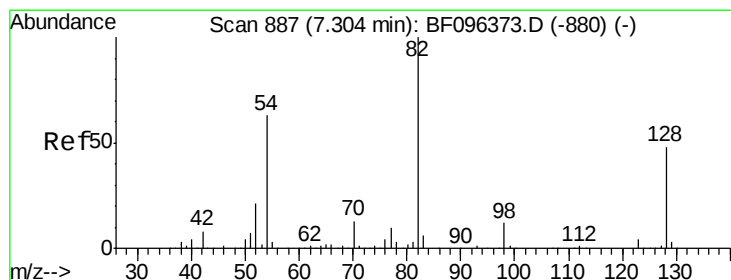
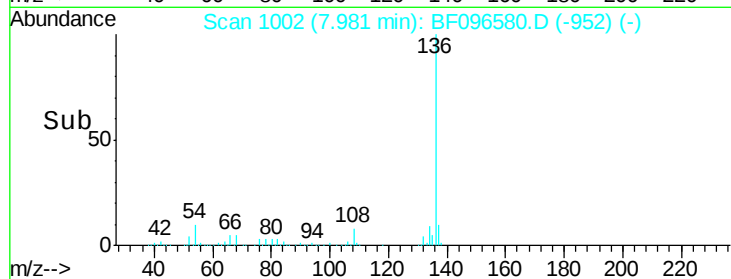
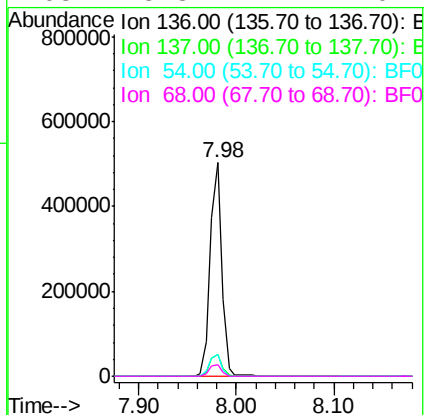
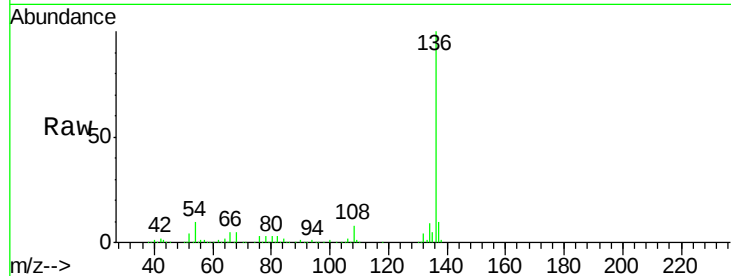
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF096580.D
Acq: 8 Jul 2017 1:04

Instrument :
BNA_F
ClientSampleId :
TR-05-070517-B

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	417560		
137	10.3	8.5	12.7	
54	9.9	4.9	7.3#	
68	5.3	4.1	6.1	

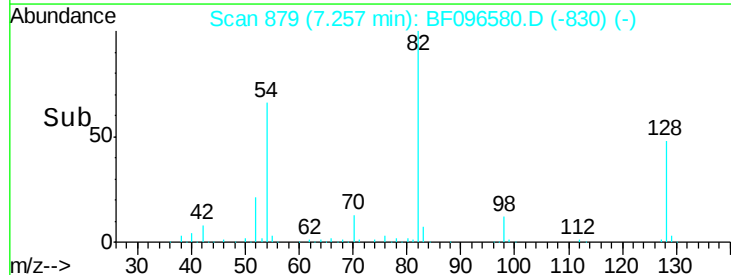
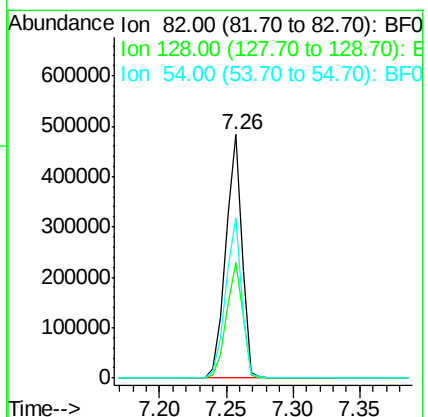
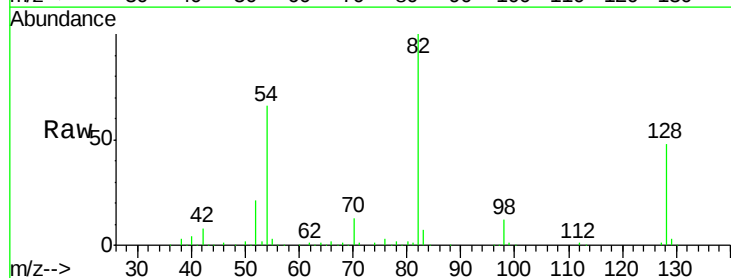
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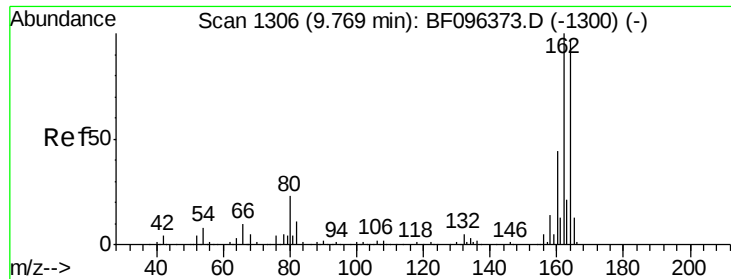
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#23
Nitrobenzene-d5
Concen: 60.193 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF096580.D
Acq: 8 Jul 2017 1:04

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	418267		
128	47.6	34.0	51.0	
54	65.6	42.2	63.2#	





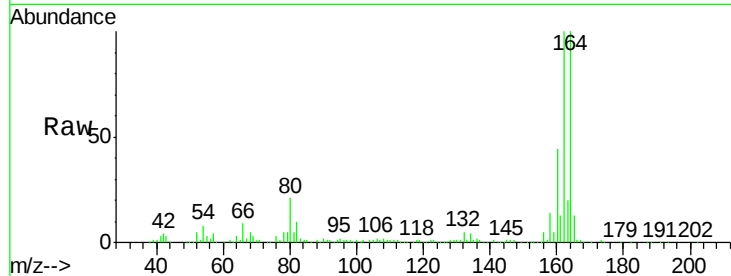
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF096580.D
Acq: 8 Jul 2017 1:04

Instrument :
BNA_F
ClientSampleId :
TR-05-070517-B

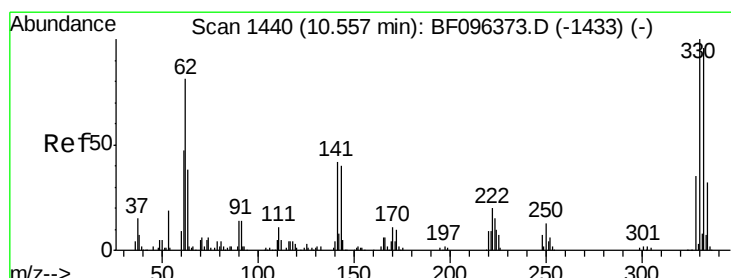
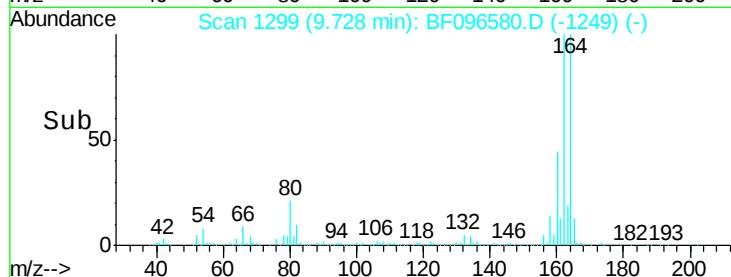
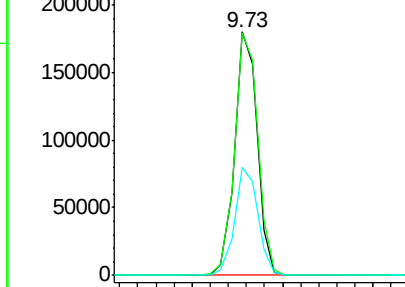
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	156639		
162	99.8	82.6	123.8	
160	44.2	36.2	54.2	

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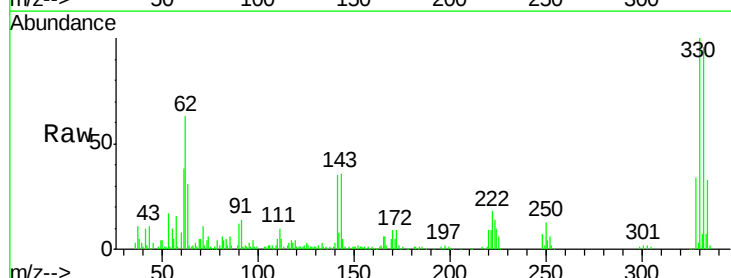


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

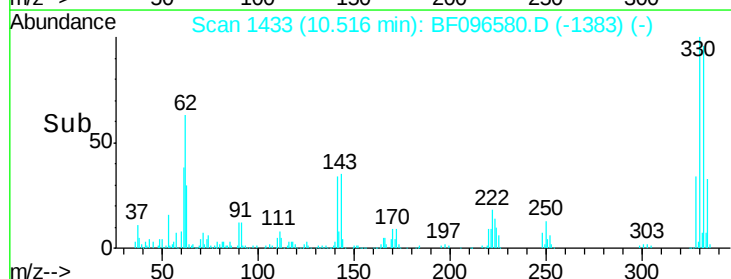
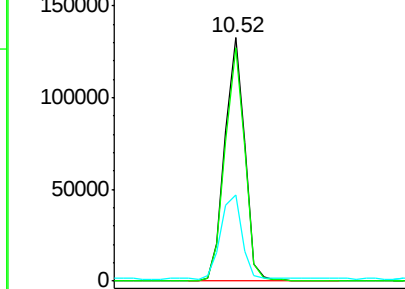


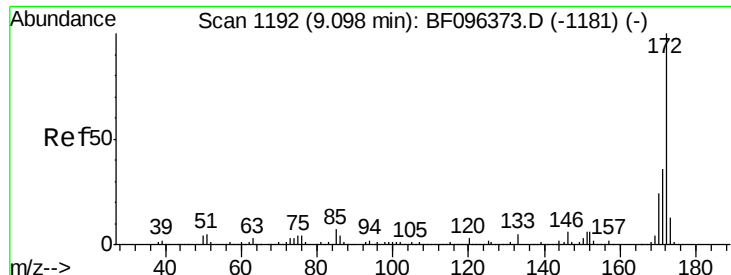
#41
2,4,6-Tribromophenol
Concen: 94.368 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF096580.D
Acq: 8 Jul 2017 1:04

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	115463		
332	95.5	76.6	115.0	
141	39.4	31.4	47.2	



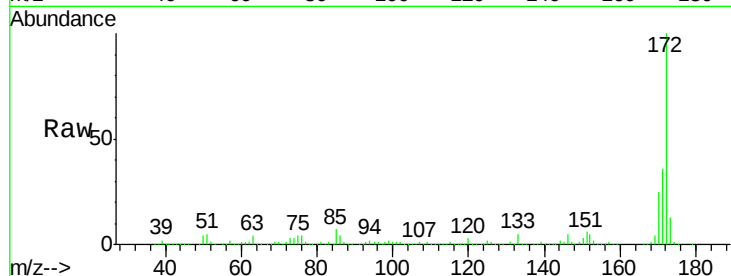
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#44
2-Fluorobiphenyl
Concen: 71.170 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF096580.D
Acq: 8 Jul 2017 1:04

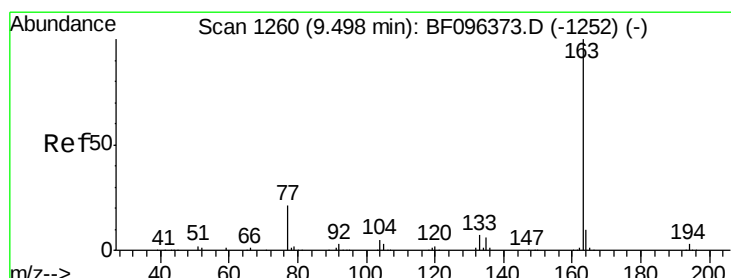
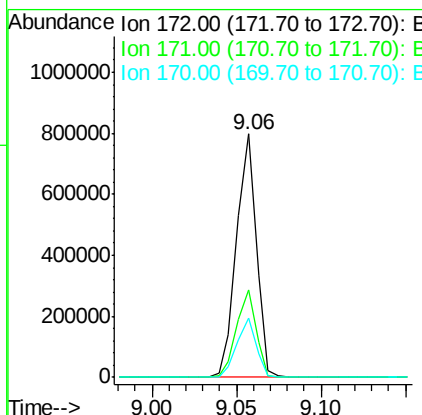
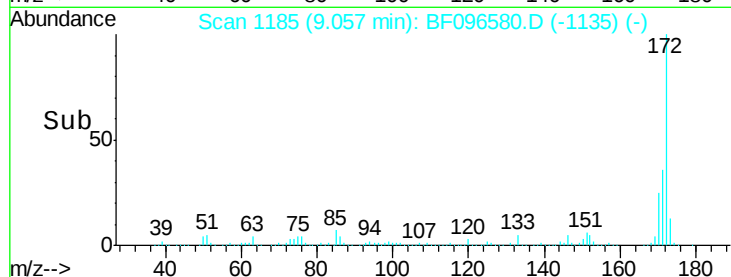
Instrument :
BNA_F
ClientSampleId :
TR-05-070517-B



Tgt Ion:172 Resp: 652017
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 24.6 19.8 29.8

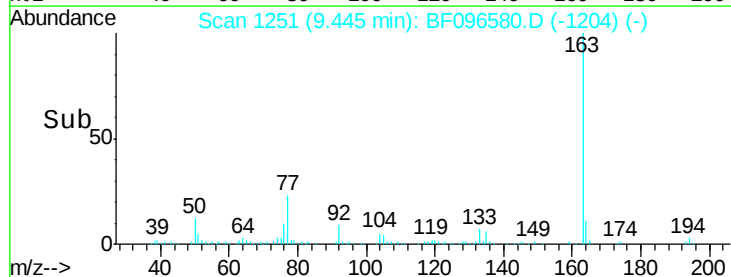
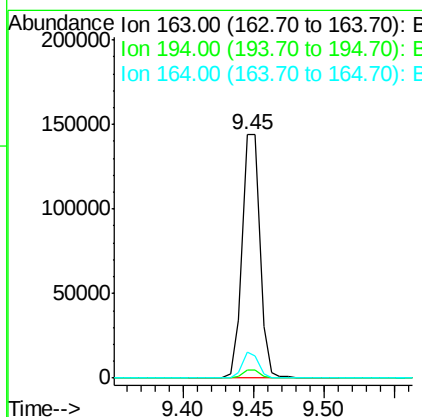
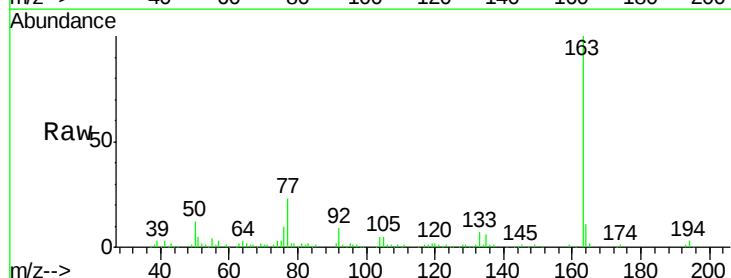
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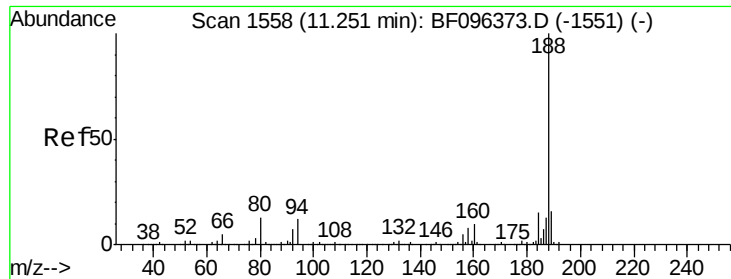
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#49
Dimethylphthalate
Concen: 10.929 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF096580.D
Acq: 8 Jul 2017 1:04

Tgt Ion:163 Resp: 127799
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.6 8.4 12.6





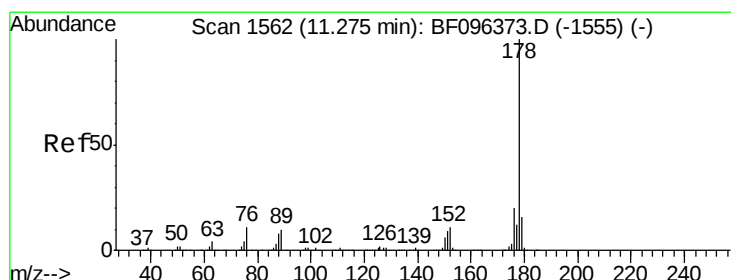
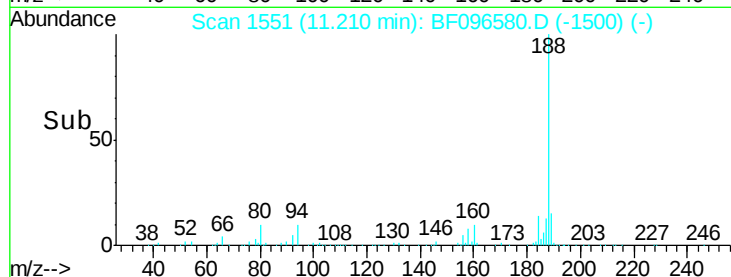
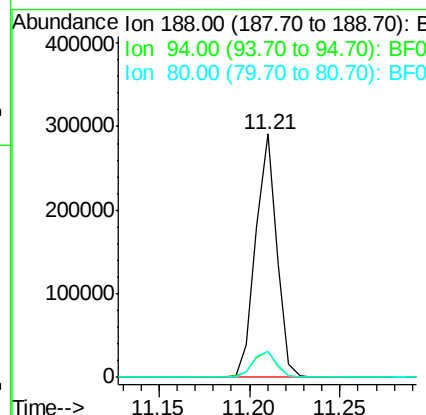
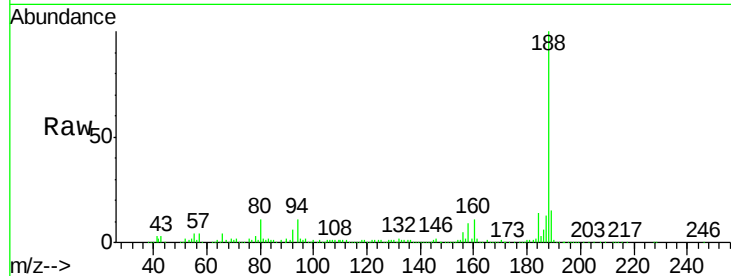
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BF096580.D
Acq: 8 Jul 2017 1:04

Instrument :
BNA_F
ClientSampleId :
TR-05-070517-B

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.7	9.4	14.2
80	10.8	10.2	15.2

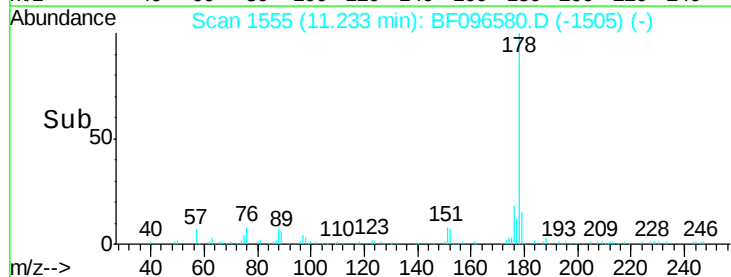
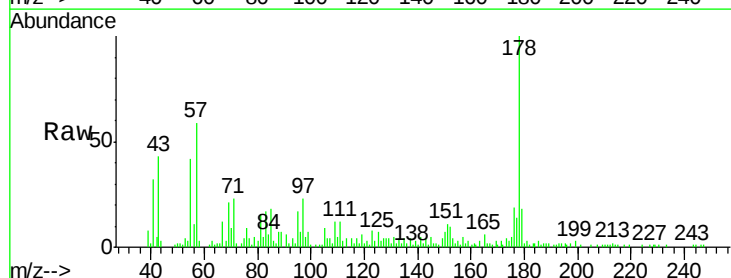
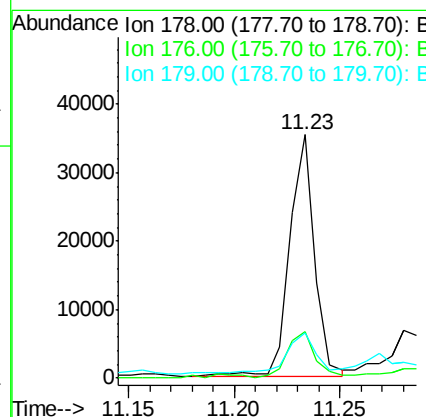
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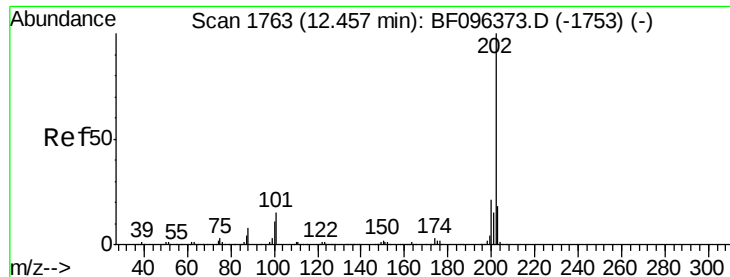
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#70
Phenanthrene
Concen: 2.251 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF096580.D
Acq: 8 Jul 2017 1:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.0	16.2	24.4
179	18.4	12.6	19.0





#74

Fluoranthene

Concen: 3.906 ng

RT: 12.42 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BF096580.D

Acq: 8 Jul 2017 1:04

Instrument :

BNA_F

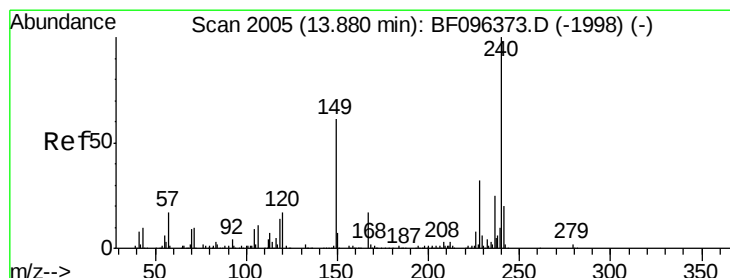
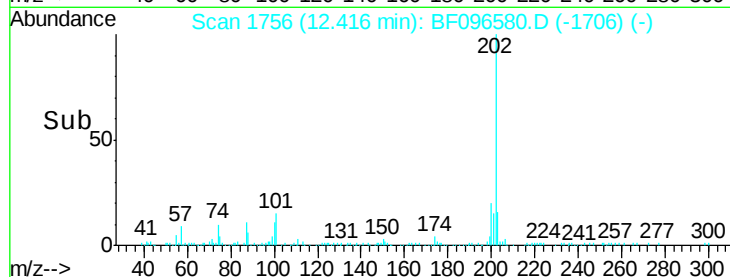
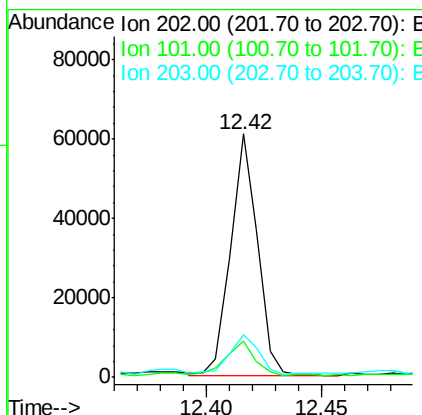
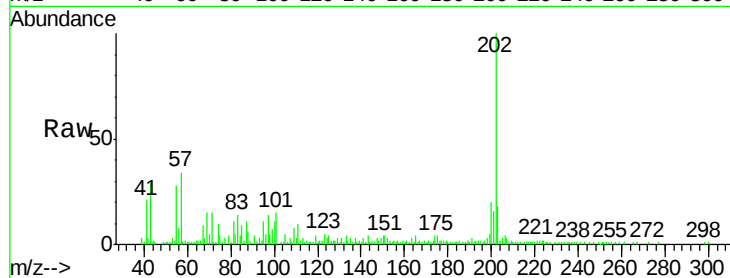
ClientSampleId :

TR-05-070517-B

Tgt Ion:	202	Resp:	48833
Ion Ratio	Lower	Upper	
202	100		
101	14.8	0.0	33.2
203	17.7	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

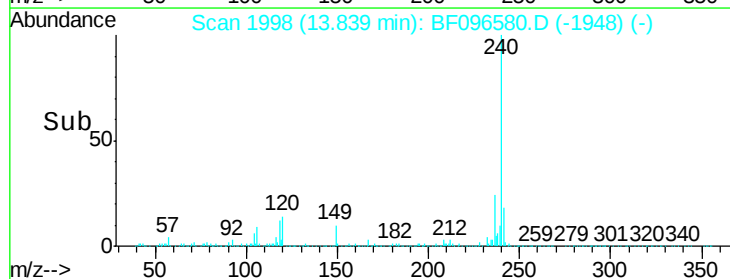
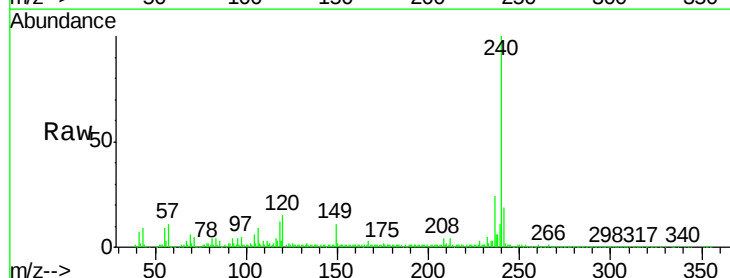
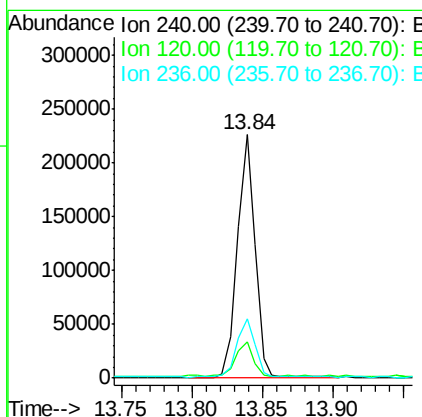
RT: 13.84 min Scan# 1998

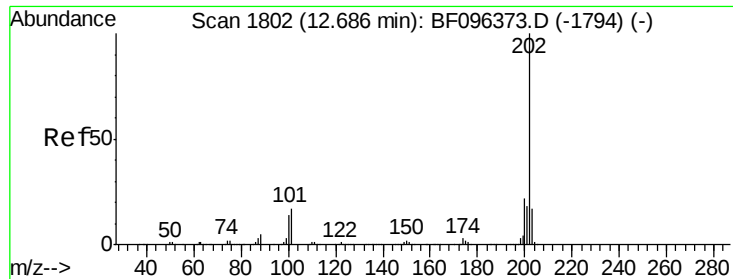
Delta R.T. -0.01 min

Lab File: BF096580.D

Acq: 8 Jul 2017 1:04

Tgt Ion:	240	Resp:	197272
Ion Ratio	Lower	Upper	
240	100		
120	14.7	5.8	8.8#
236	24.1	20.5	30.7





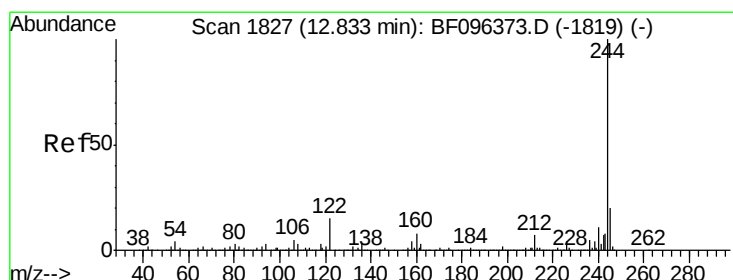
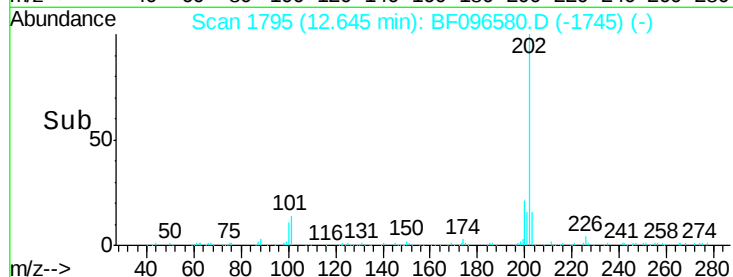
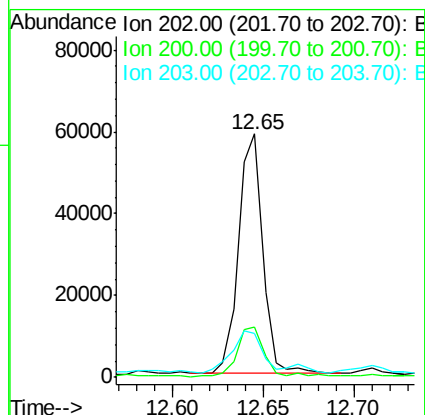
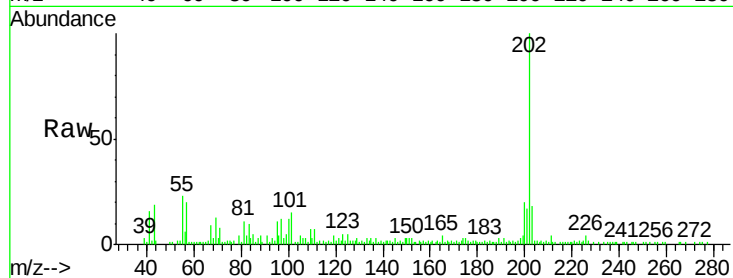
#77
Pyrene
Concen: 3.459 ng
RT: 12.65 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF096580.D
Acq: 8 Jul 2017 1:04

Instrument :
BNA_F
ClientSampleId :
TR-05-070517-B

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	54772		
200	20.5	17.6	26.4	
203	18.2	14.4	21.6	

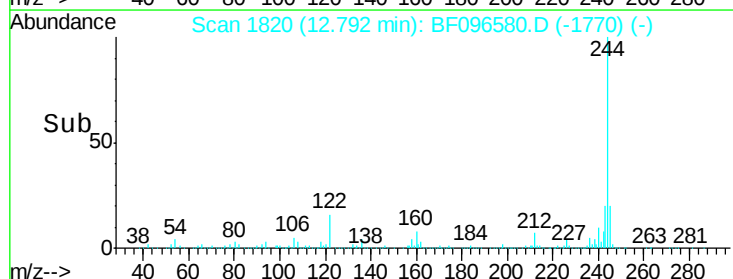
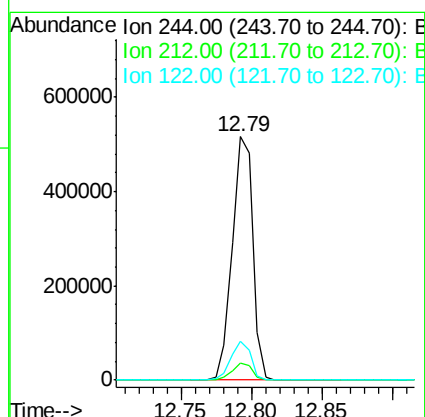
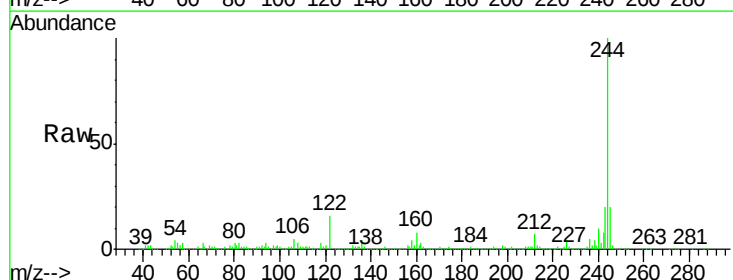
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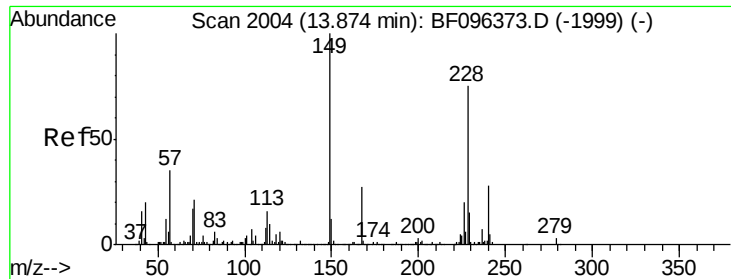
mohammad
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#78
Terphenyl-d14
Concen: 56.722 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF096580.D
Acq: 8 Jul 2017 1:04

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	523657		
212	6.8	6.0	9.0	
122	16.2	10.3	15.5	





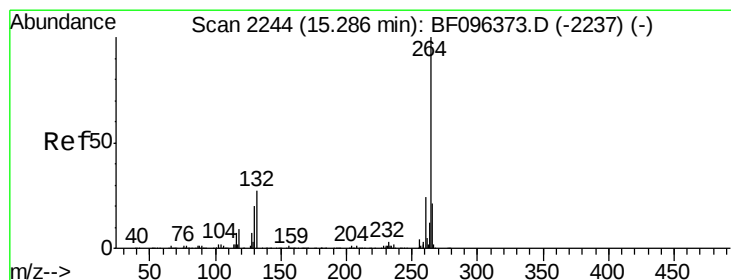
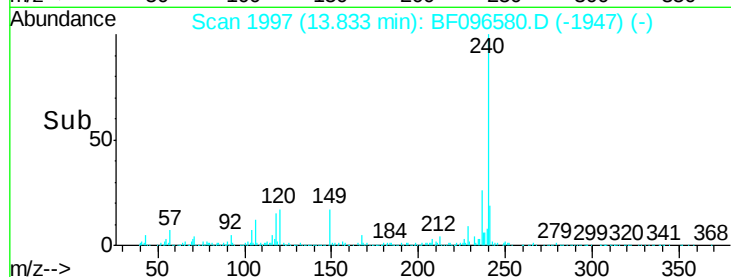
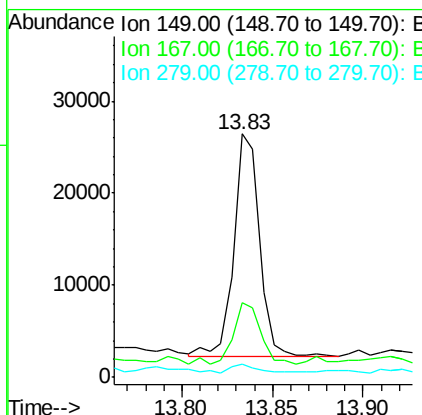
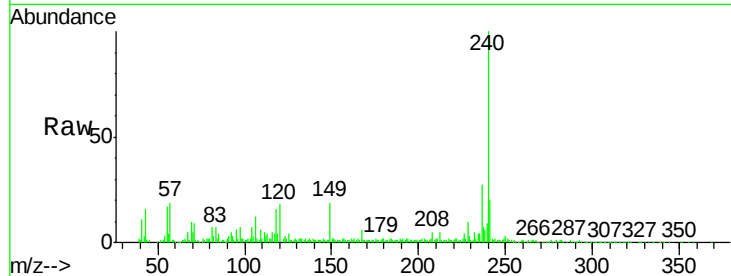
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.660 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF096580.D
 Acq: 8 Jul 2017 1:04

Instrument :
 BNA_F
 ClientSampled :
 TR-05-070517-B

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	30.6	21.0	31.4
279	5.3	1.9	2.9

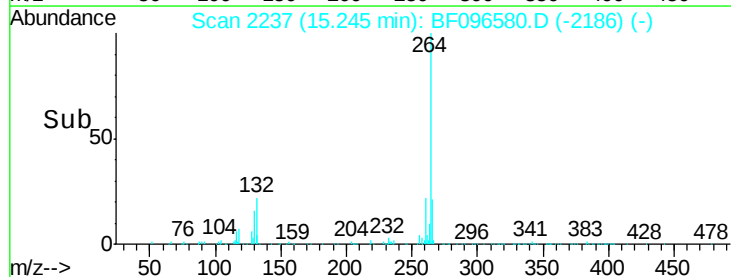
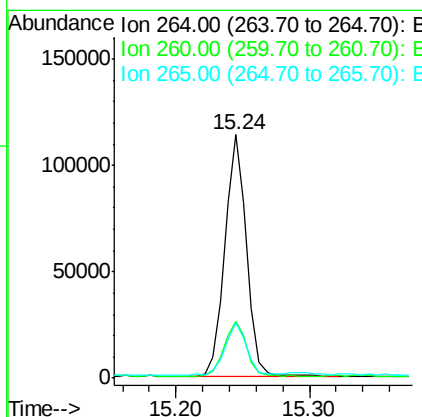
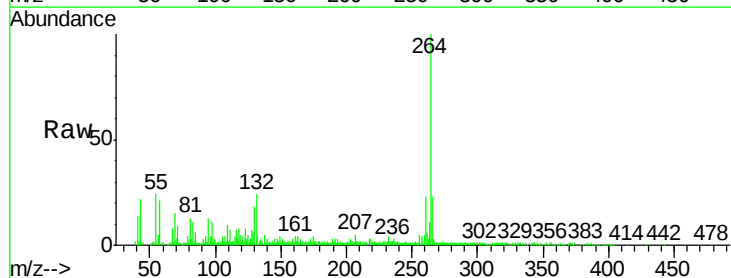
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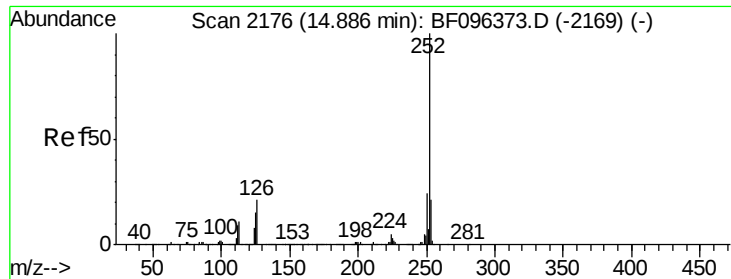
mohammad
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2237
 Delta R.T. 0.00 min
 Lab File: BF096580.D
 Acq: 8 Jul 2017 1:04

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.3	19.5	29.3
265	22.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 2.381 ng m

RT: 14.85 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BF096580.D

Acq: 8 Jul 2017 1:04

Instrument :

BNA_F

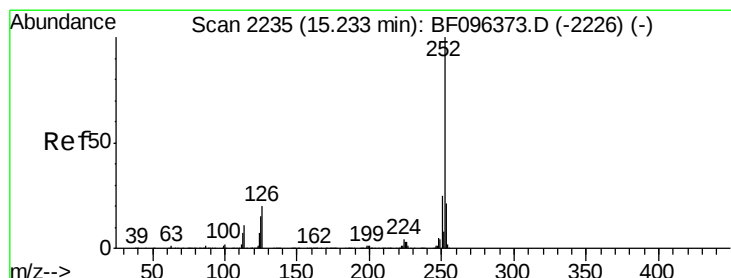
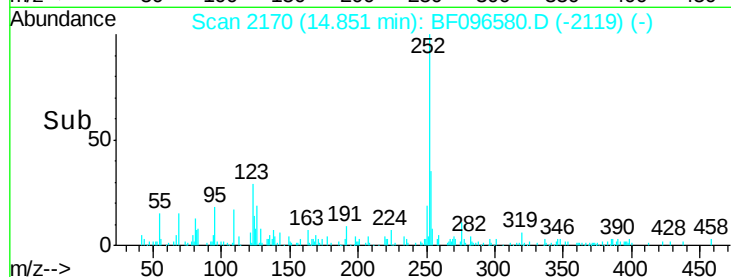
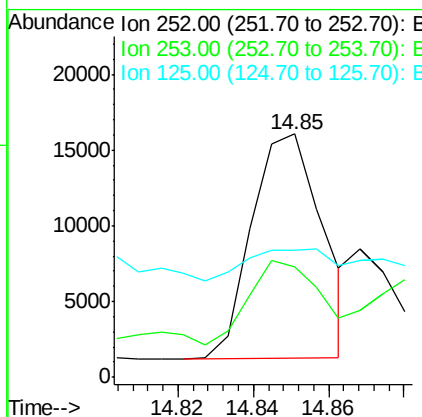
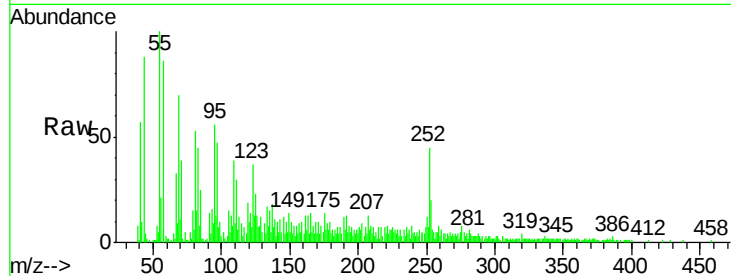
ClientSampleId :

TR-05-070517-B

Tgt Ion:	252	Resp:	19361
Ion Ratio	Lower	Upper	
252	100		
253	45.4	18.1	27.1#
125	52.4	9.8	14.8#

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#89

Benzo(a)pyrene

Concen: 2.015 ng m

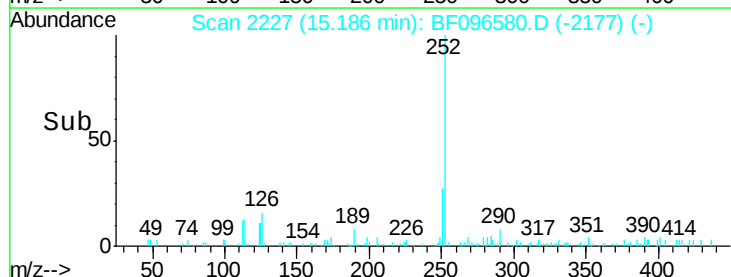
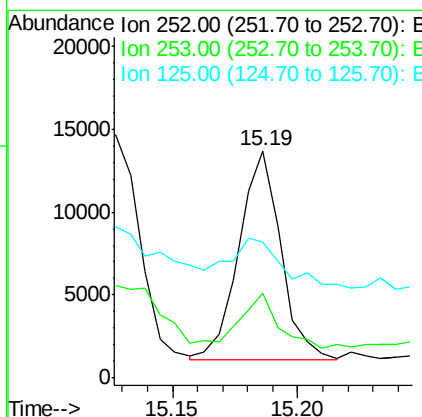
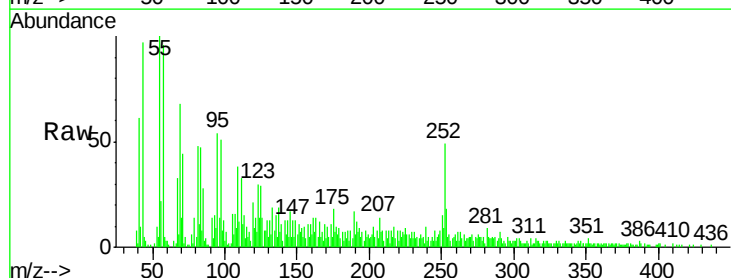
RT: 15.19 min Scan# 2227

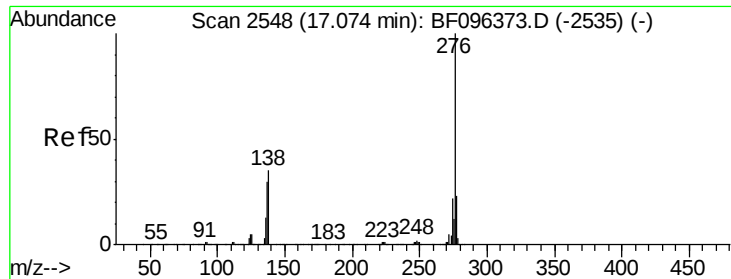
Delta R.T. -0.01 min

Lab File: BF096580.D

Acq: 8 Jul 2017 1:04

Tgt Ion:	252	Resp:	14631
Ion Ratio	Lower	Upper	
252	100		
253	37.1	17.5	26.3#
125	60.1	11.0	16.4#





#91
 Benzo(g,h,i)perylene
 Concen: 2.015 ng
 RT: 17.00 min Scan# 2535
 Delta R.T. -0.01 min
 Lab File: BF096580.D
 Acq: 8 Jul 2017 1:04

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-070517-B

Tgt Ion	Ratio	Lower	Upper
276	100		
277	31.5	18.6	28.0#
138	52.1	25.4	38.0#

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