

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
 Data File : BF096921.D
 Acq On : 20 Jul 2017 22:29
 Operator : SJ/JU
 Sample : I4317-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-TP-1-2-3-COMP

Manual Integrations
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Quant Time: Jul 21 07:56:01 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	6.57	152	85764	20.00	ng	-0.03
21) Naphthalene-d8	7.85	136	350071	20.00	ng	-0.04
38) Acenaphthene-d10	9.60	164	147726	20.00	ng	-0.04
63) Phenanthrene-d10	11.07	188	212848	20.00	ng	-0.03
75) Chrysene-d12	13.70	240	179349	20.00	ng	-0.04
86) Perylene-d12	15.07	264	182746	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	637442	111.75	ng	-0.02
7) Phenol-d6	6.22	99	681199	99.52	ng	-0.03
23) Nitrobenzene-d5	7.13	82	397713	70.37	ng	-0.04
41) 2,4,6-Tribromophenol	10.39	330	121909	96.68	ng	-0.04
44) 2-Fluorobiphenyl	8.93	172	717844	76.77	ng	-0.04
78) Terphenyl-d14	12.66	244	436706	42.23	ng	-0.03
Target Compounds						
10) Phenol	6.23	94	26057	3.367	ng	98
49) Dimethylphthalate	9.32	163	89399	8.037	ng	99
74) Fluoranthene	12.28	202	51922	4.687	ng	94
77) Pyrene	12.50	202	45891	2.819	ng	97
85) Indeno(1,2,3-cd)pyrene	16.33	276	11533	4.419	ng	96
87) Benzo(b)fluoranthene	14.69	252	33566m	3.045	ng	

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

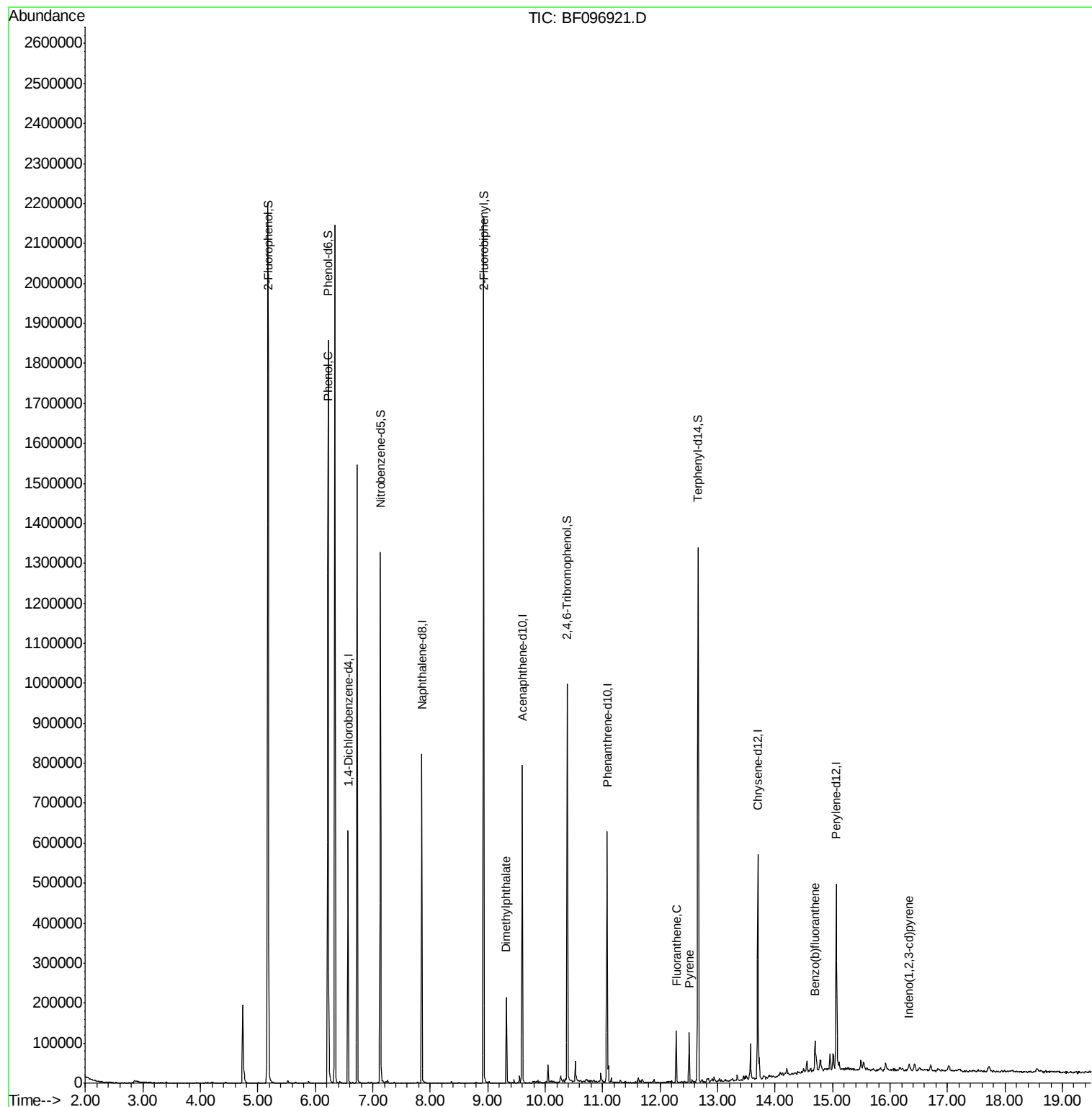
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
Data File : BF096921.D
Acq On : 20 Jul 2017 22:29
Operator : SJ/JU
Sample : I4317-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

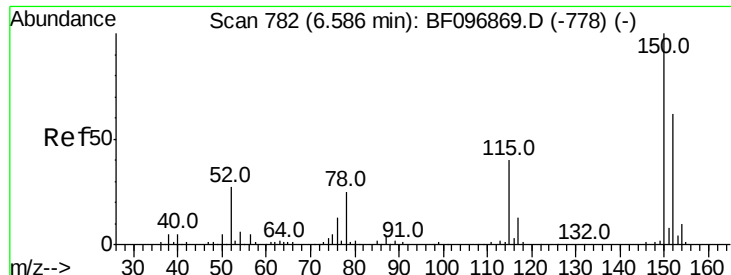
Instrument :
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ClientSampleId :
SP-1-TP-1-2-3-COMP

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Quant Time: Jul 21 07:56:01 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

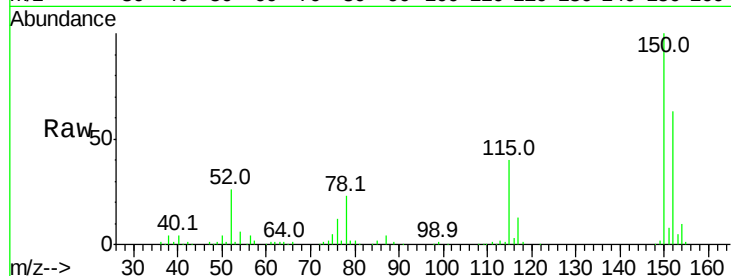
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.57 min Scan# 779
Delta R.T. -0.03 min
Lab File: BF096921.D
Acq: 20 Jul 2017 22:29

Instrument :
BNA_F
ClientSampleId :
SP-1-TP-1-2-3-COMP

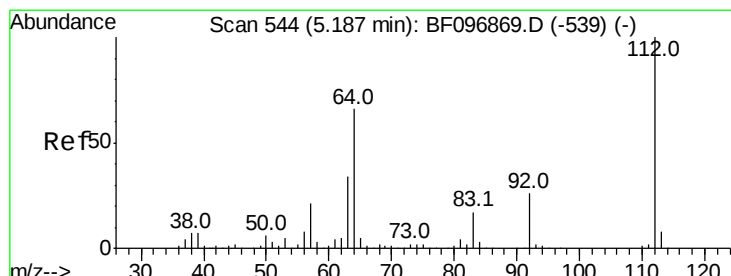
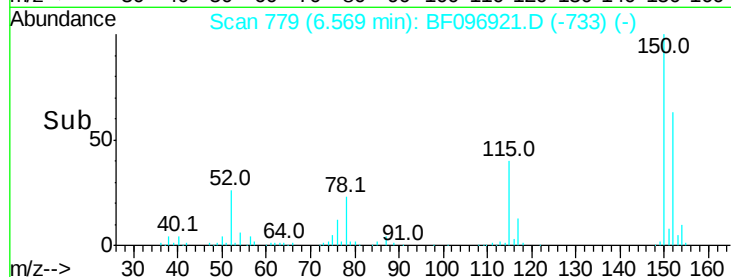
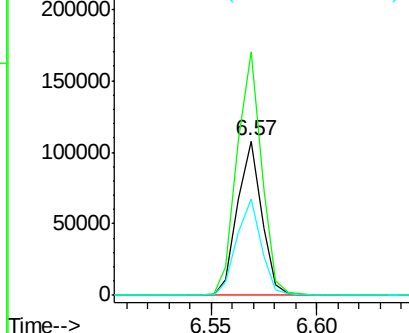
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	126.2	189.2
115	62.5	52.2	78.2

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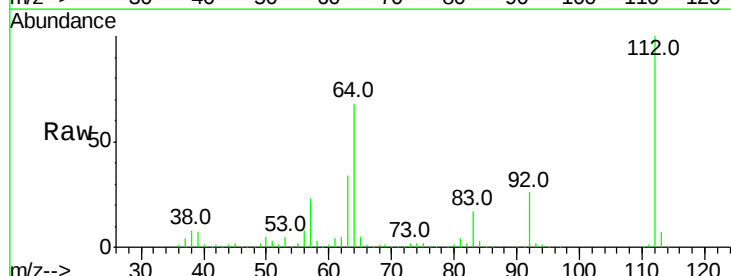
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



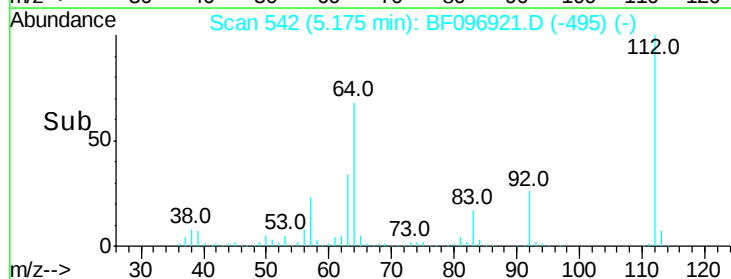
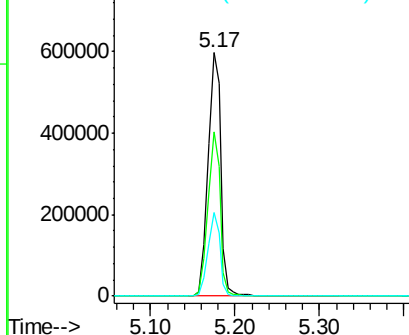
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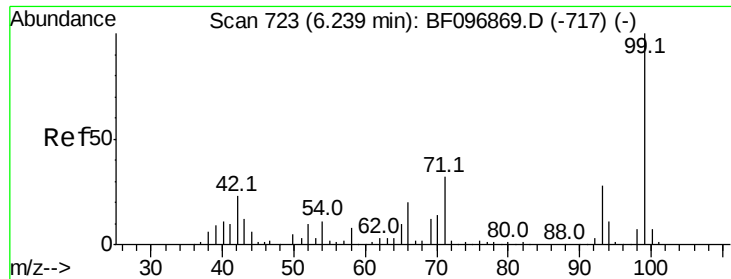
2-Fluorophenol
Concen: 111.754 ng
RT: 5.17 min Scan# 542
Delta R.T. -0.02 min
Lab File: BF096921.D
Acq: 20 Jul 2017 22:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.5	46.0	69.0
63	34.3	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 99.519 ng

RT: 6.22 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF096921.D

Acq: 20 Jul 2017 22:29

Instrument :

BNA_F

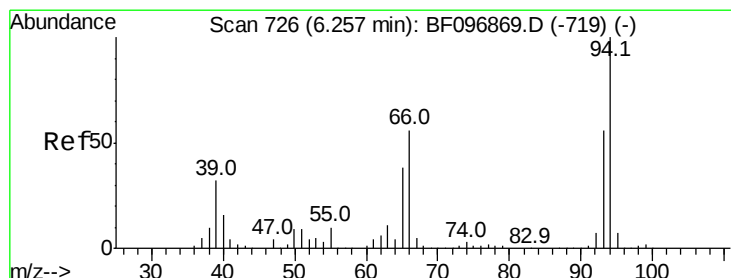
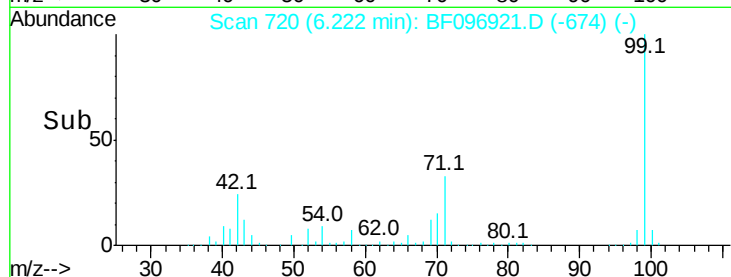
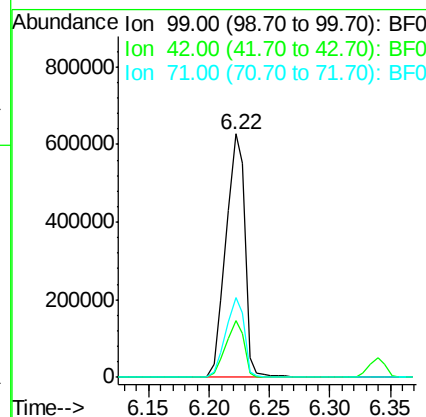
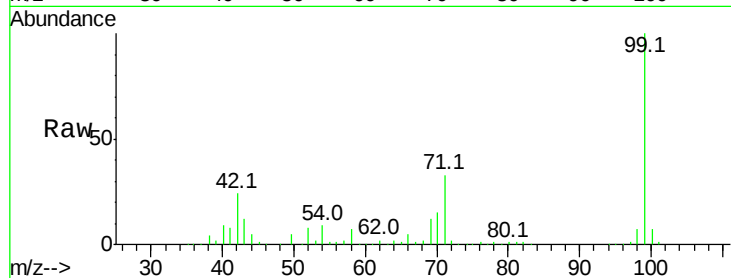
ClientSampleId :

SP-1-TP-1-2-3-COMP

Tot Ion:	99	Resp:	681199
Ion Ratio	Lower	Upper	
99	100		
42	23.5	13.5	20.3#
71	32.8	24.5	36.7

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#10

Phenol

Concen: 3.367 ng

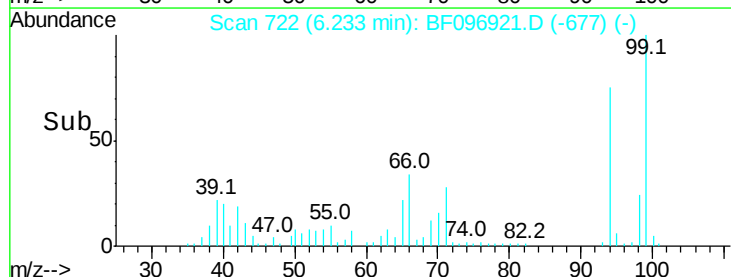
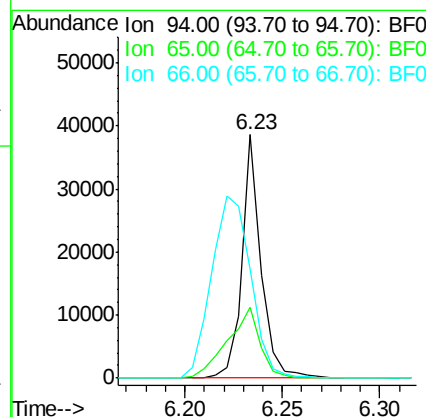
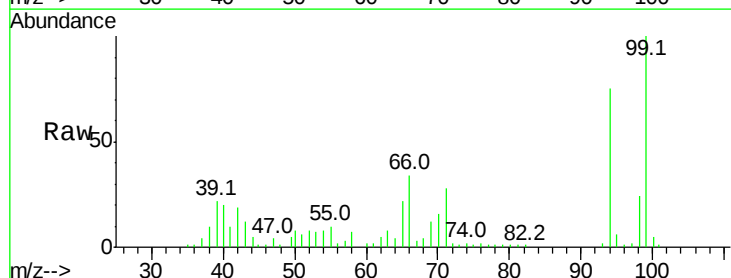
RT: 6.23 min Scan# 722

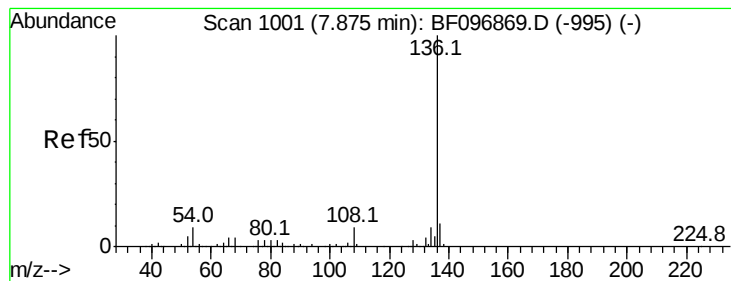
Delta R.T. -0.04 min

Lab File: BF096921.D

Acq: 20 Jul 2017 22:29

Tgt Ion:	94	Resp:	26057
Ion Ratio	Lower	Upper	
94	100		
65	29.2	9.9	49.9
66	44.9	23.1	63.1





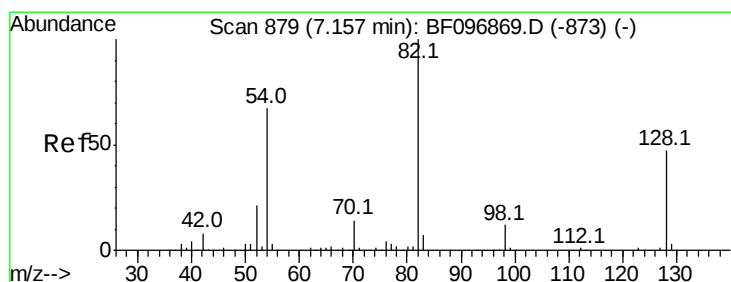
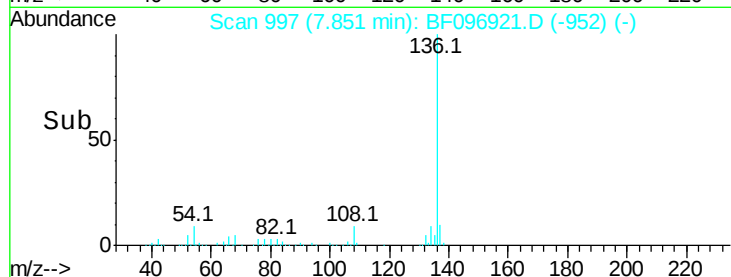
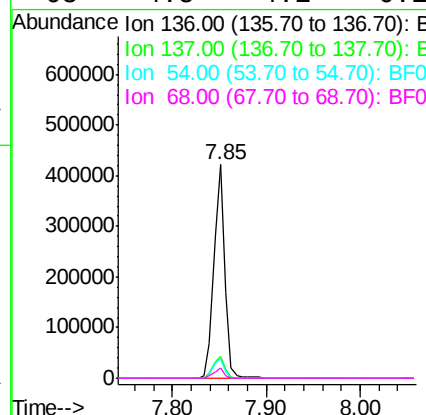
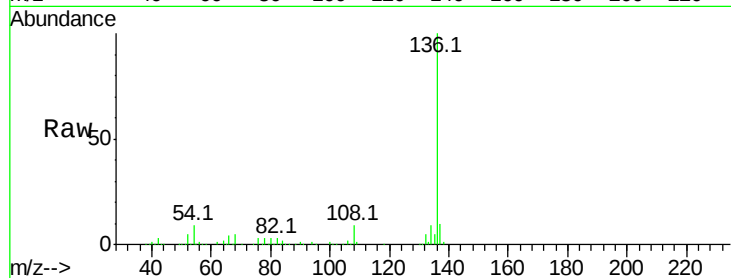
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.85 min Scan# 997
Delta R.T. -0.04 min
Lab File: BF096921.D
Acq: 20 Jul 2017 22:29

Instrument :
BNA_F
ClientSampleId :
SP-1-TP-1-2-3-COMP

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	8.5	12.7	
54	9.0	4.9	7.3#	
68	4.5	4.1	6.1	

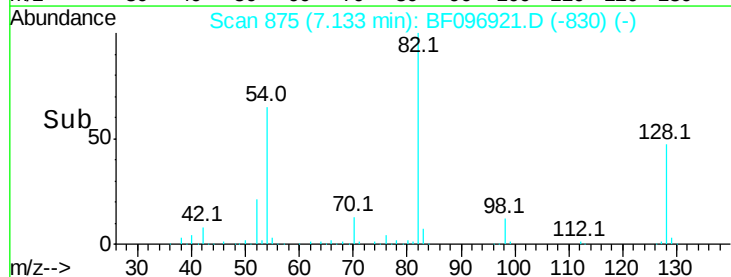
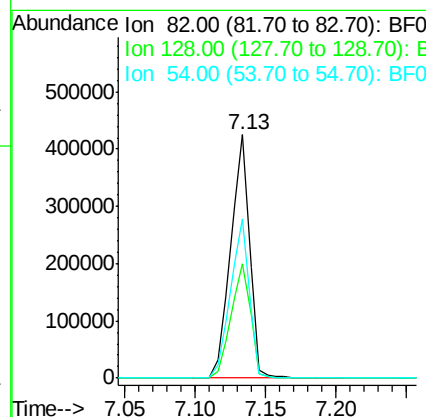
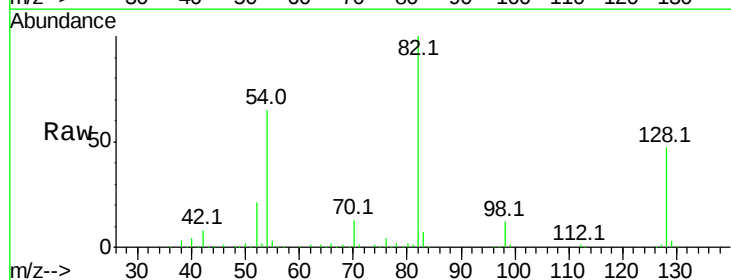
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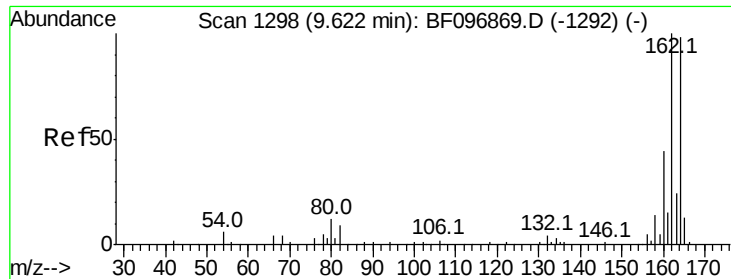
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#23
Nitrobenzene-d5
Concen: 70.370 ng
RT: 7.13 min Scan# 875
Delta R.T. -0.04 min
Lab File: BF096921.D
Acq: 20 Jul 2017 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.0	34.0	51.0	
54	65.5	42.2	63.2#	





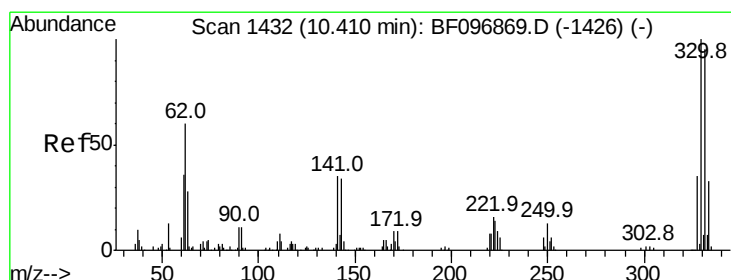
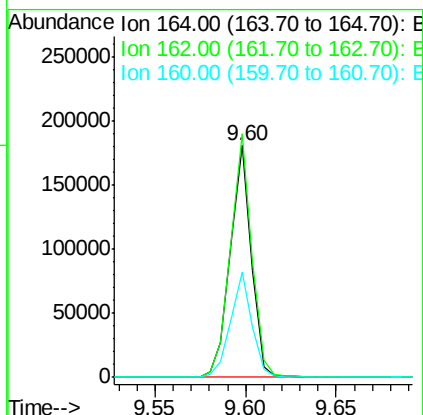
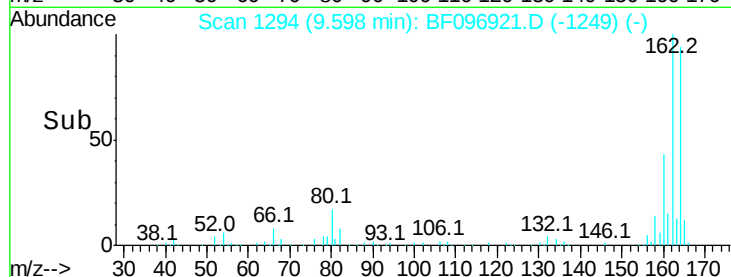
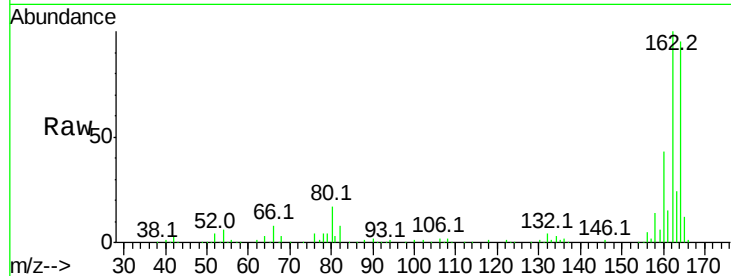
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.60 min Scan# 1294
Delta R.T. -0.04 min
Lab File: BF096921.D
Acq: 20 Jul 2017 22:29

Instrument :
BNA_F
ClientSampleId :
SP-1-TP-1-2-3-COMP

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.1	82.6	123.8
160	45.3	36.2	54.2

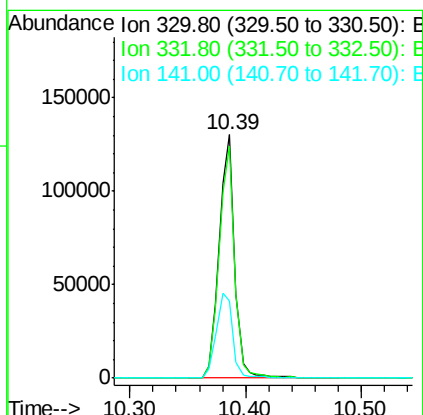
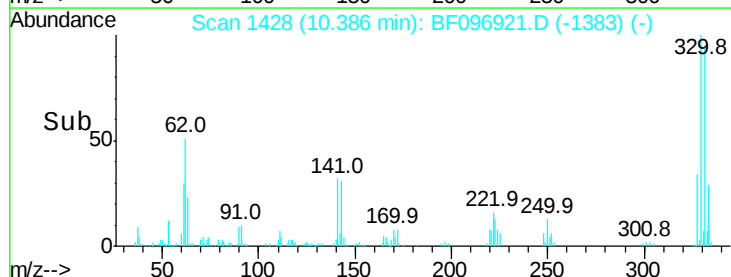
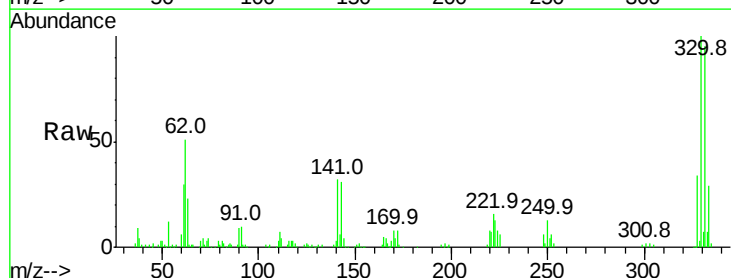
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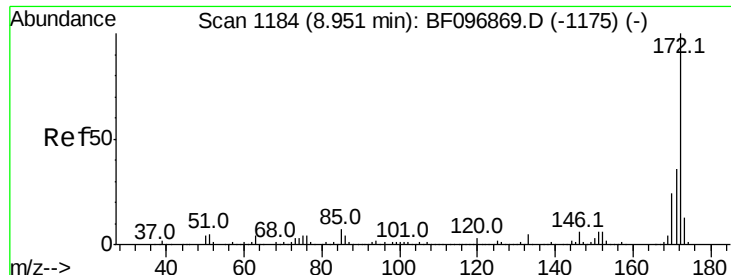
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#41
2,4,6-Tribromophenol
Concen: 96.679 ng
RT: 10.39 min Scan# 1428
Delta R.T. -0.04 min
Lab File: BF096921.D
Acq: 20 Jul 2017 22:29

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	115.0
141	37.3	31.4	47.2





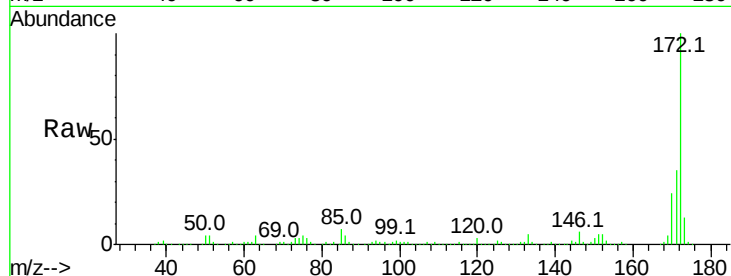
#44
2-Fluorobiphenyl
Concen: 76.773 ng
RT: 8.93 min Scan# 1180
Delta R.T. -0.04 min
Lab File: BF096921.D
Acq: 20 Jul 2017 22:29

Instrument :
BNA_F
ClientSampleId :
SP-1-TP-1-2-3-COMP

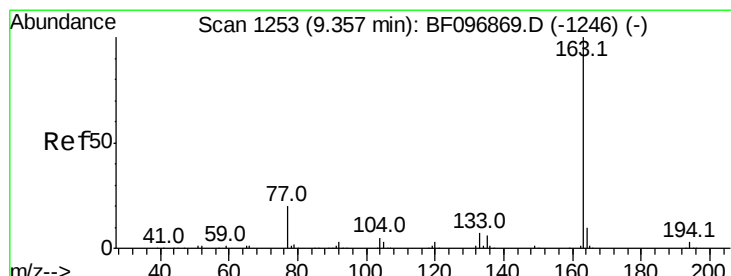
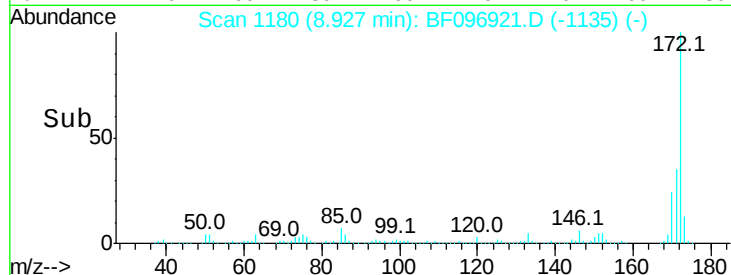
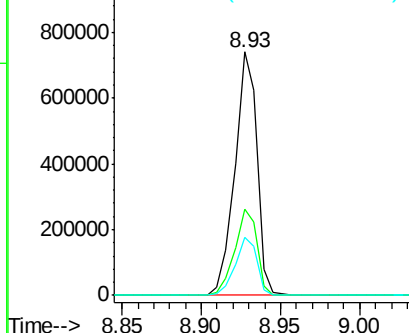
Tot Ion	Ratio	Resp	Lower	Upper
172	100	717844		
171	35.3		29.6	44.4
170	23.9		19.8	29.8

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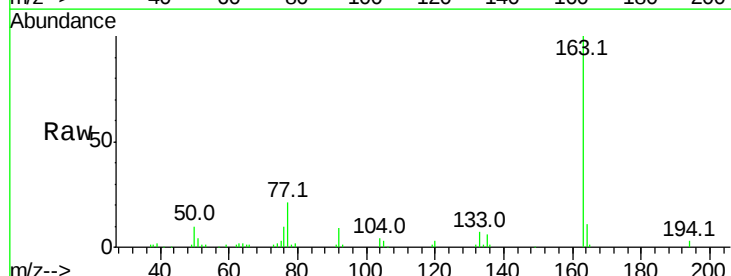


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

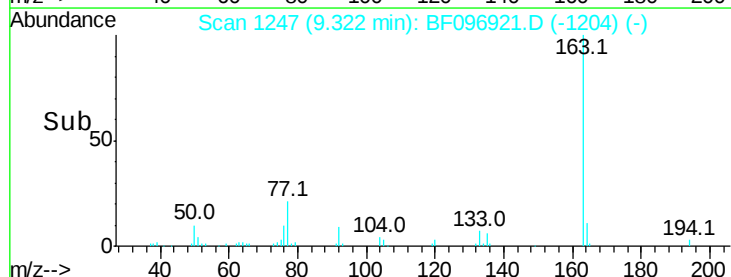
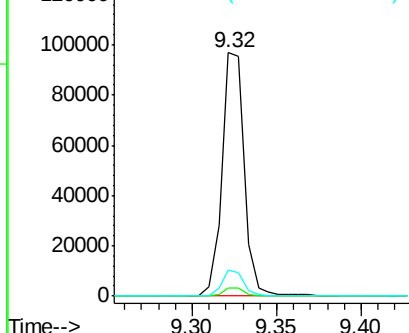


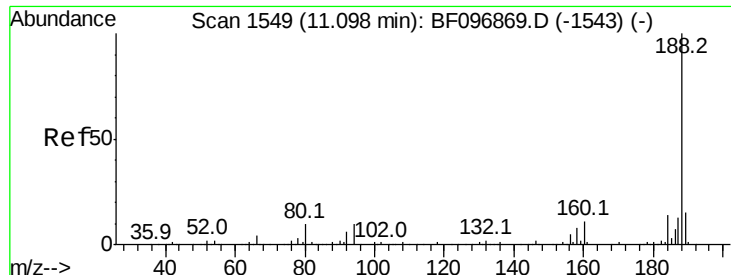
#49
Dimethylphthalate
Concen: 8.037 ng
RT: 9.32 min Scan# 1247
Delta R.T. -0.05 min
Lab File: BF096921.D
Acq: 20 Jul 2017 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	89399		
194	3.3		2.6	4.0
164	10.8		8.4	12.6



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





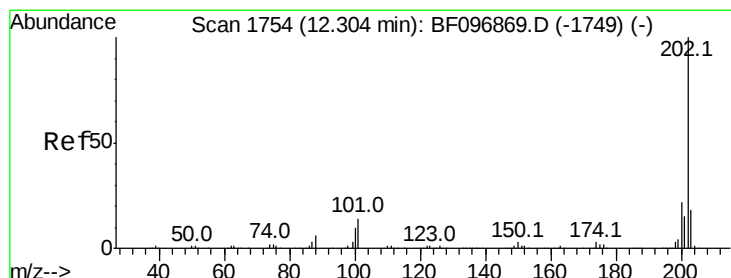
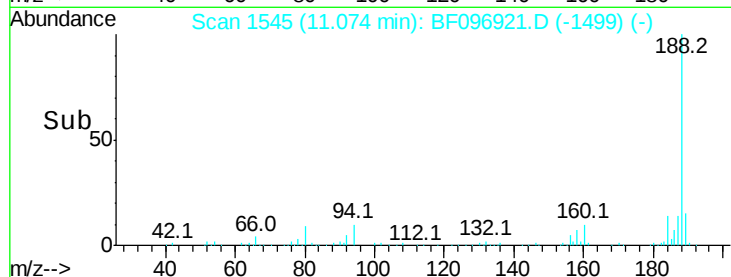
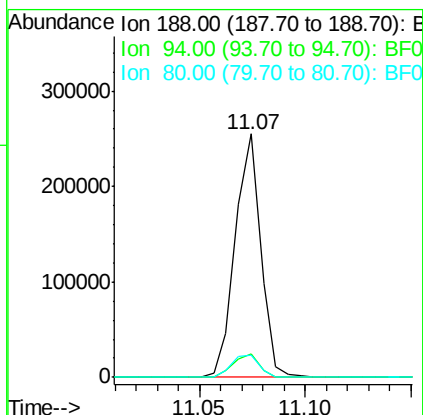
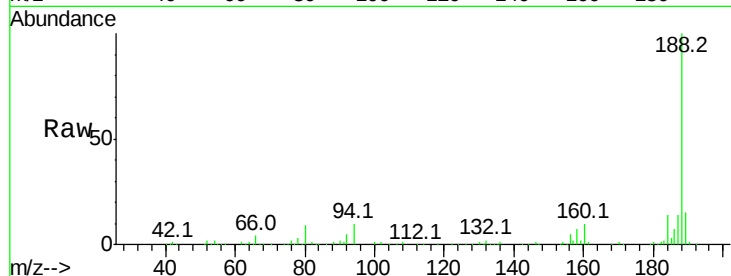
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.07 min Scan# 1545
Delta R.T. -0.03 min
Lab File: BF096921.D
Acq: 20 Jul 2017 22:29

Instrument :
BNA_F
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SP-1-TP-1-2-3-COMP

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.7	9.4	14.2
80	9.3	10.2	15.2#

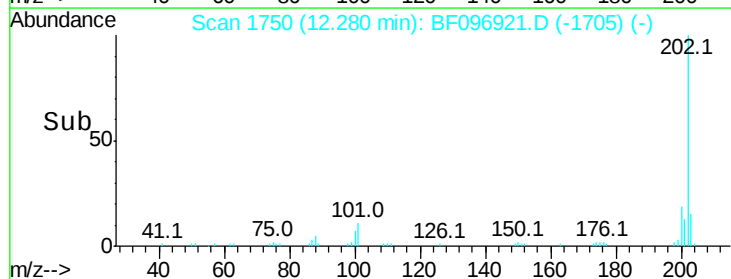
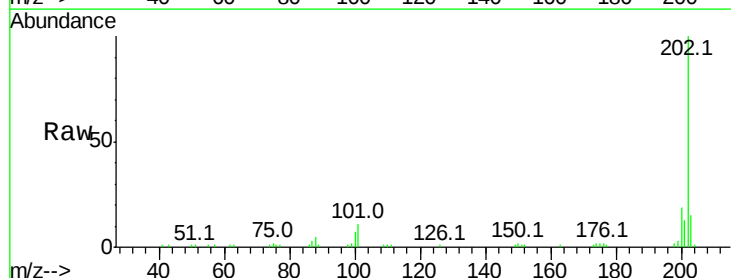
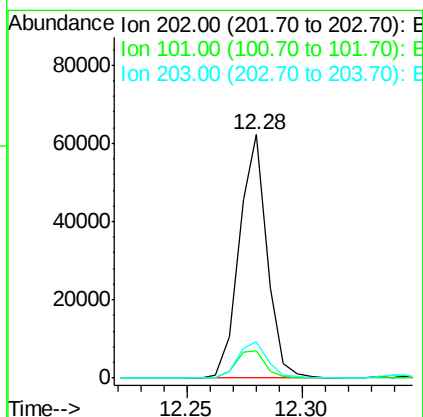
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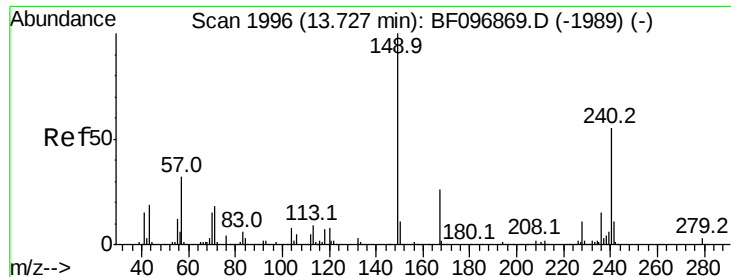
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#74
Fluoranthene
Concen: 4.687 ng
RT: 12.28 min Scan# 1750
Delta R.T. -0.04 min
Lab File: BF096921.D
Acq: 20 Jul 2017 22:29

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.4	0.0	33.2
203	14.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.70 min Scan# 1991

Delta R.T. -0.04 min

Lab File: BF096921.D

Acq: 20 Jul 2017 22:29

Instrument :

BNA_F

ClientSampleId :

SP-1-TP-1-2-3-COMP

Tot Ion:240 Resp: 179349

Ion Ratio Lower Upper

240 100

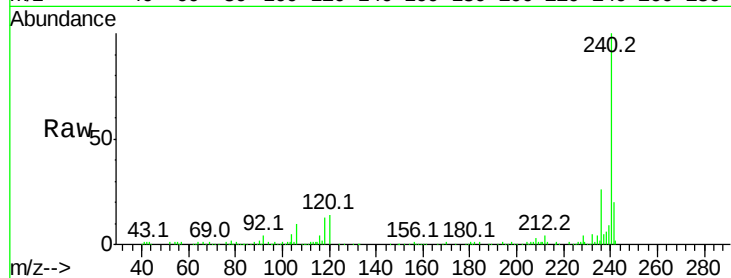
120 14.0 5.8 8.8#

236 26.4 20.5 30.7

Manual Integrations
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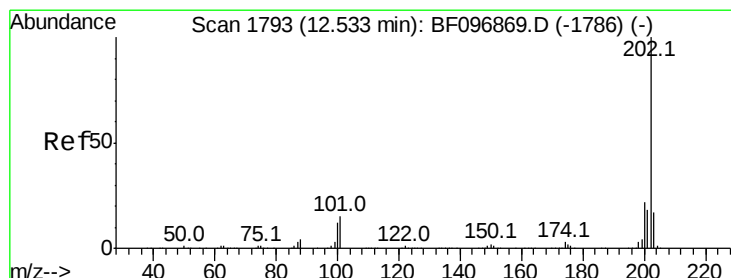
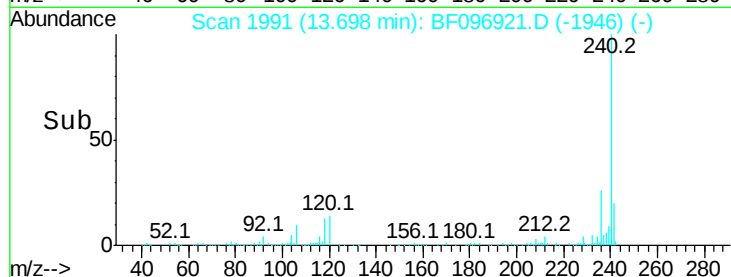
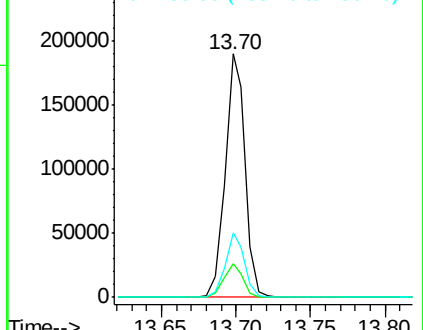
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 2.819 ng

RT: 12.50 min Scan# 1788

Delta R.T. -0.04 min

Lab File: BF096921.D

Acq: 20 Jul 2017 22:29

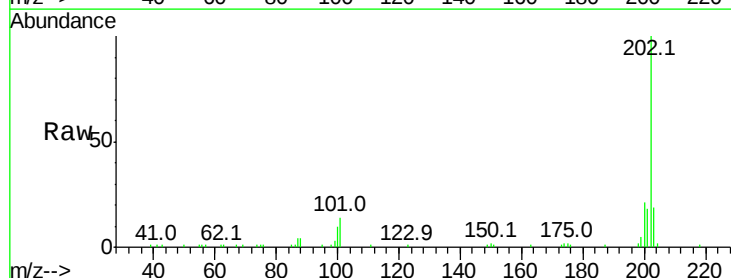
Tgt Ion:202 Resp: 45891

Ion Ratio Lower Upper

202 100

200 20.5 17.6 26.4

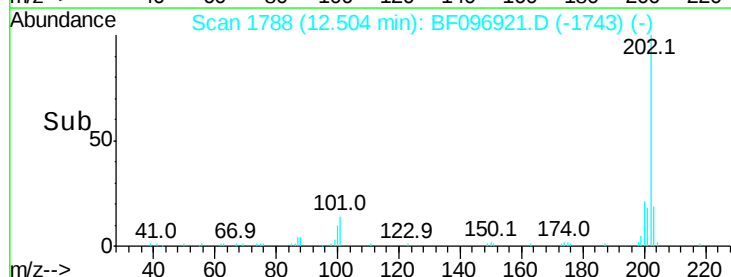
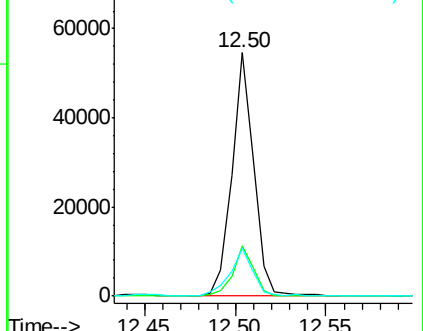
203 19.5 14.4 21.6

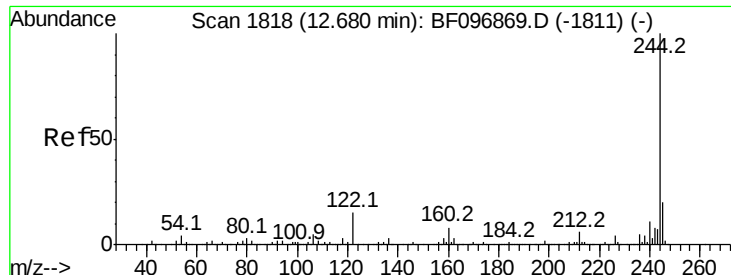


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 42.228 ng

RT: 12.66 min Scan# 1815

Delta R.T. -0.03 min

Lab File: BF096921.D

Acq: 20 Jul 2017 22:29

Instrument :

BNA_F

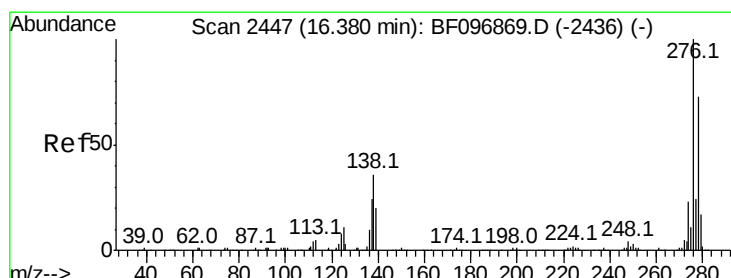
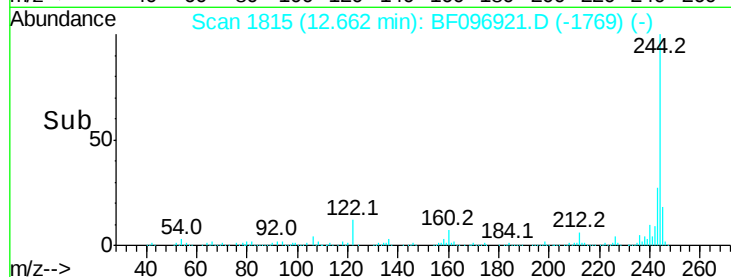
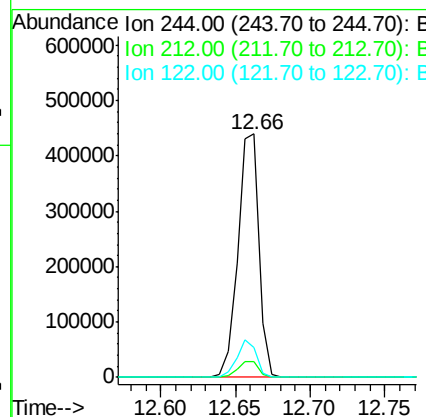
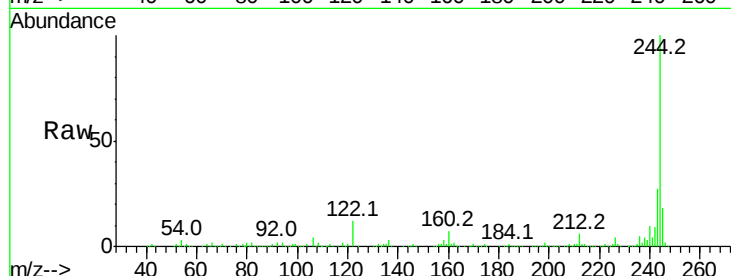
ClientSampleId :

SP-1-TP-1-2-3-COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	12.3	10.3	15.5

Manual Integrations
APPROVED

Sohil
7/21/2017 1:05:55 PM



#85

Indeno(1,2,3-cd)pyrene

Concen: 4.419 ng

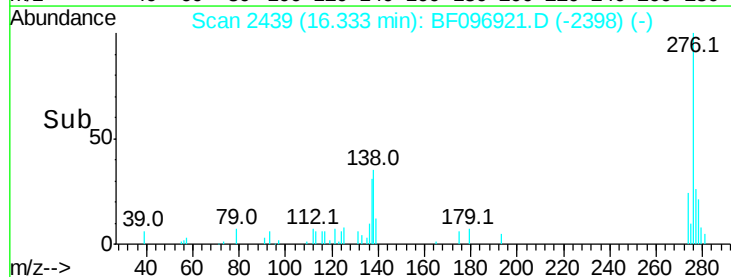
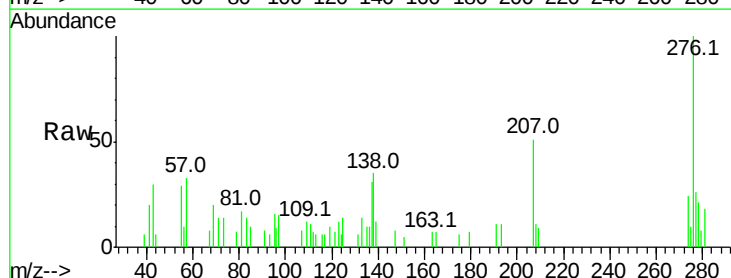
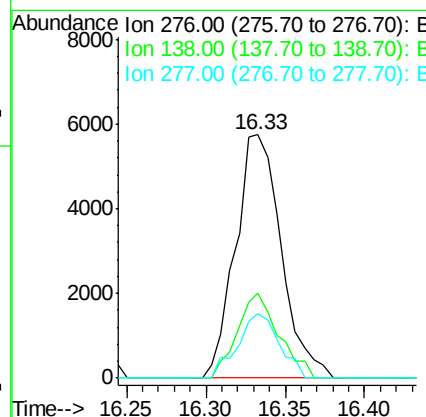
RT: 16.33 min Scan# 2439

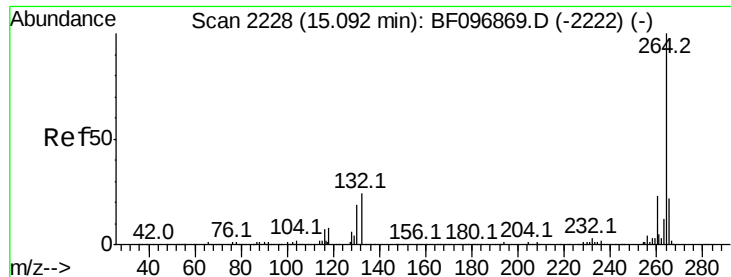
Delta R.T. -0.06 min

Lab File: BF096921.D

Acq: 20 Jul 2017 22:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.6	27.8	41.6
277	24.2	20.2	30.4





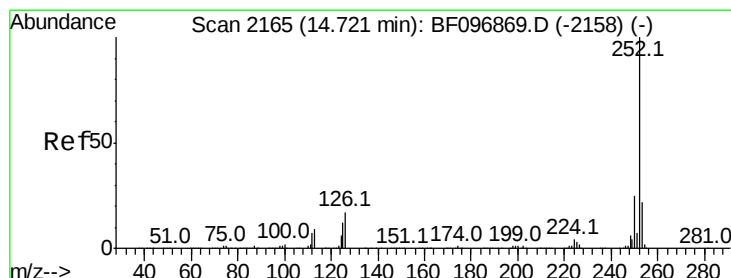
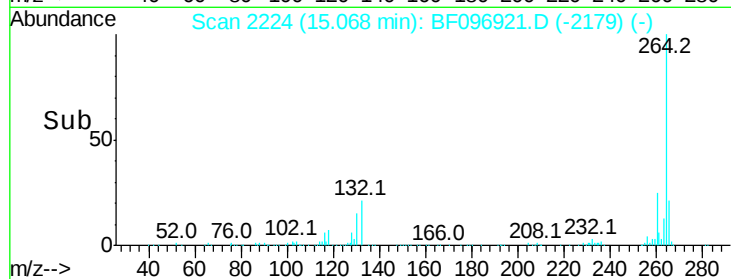
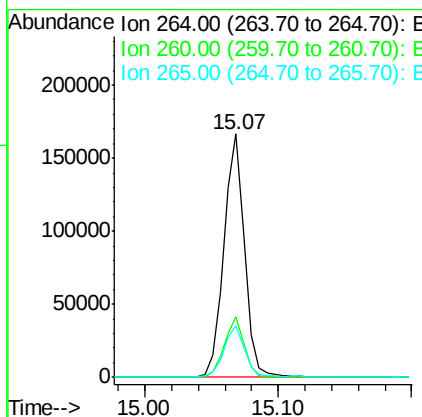
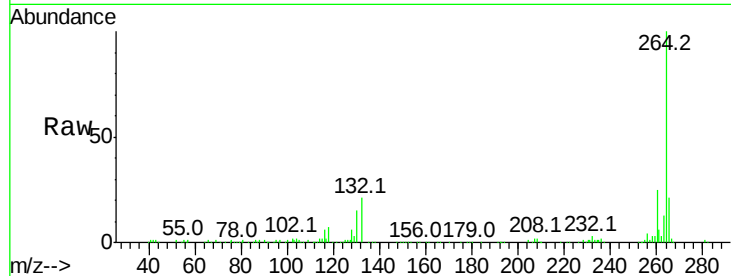
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.07 min Scan# 2224
Delta R.T. -0.04 min
Lab File: BF096921.D
Acq: 20 Jul 2017 22:29

Instrument :
BNA_F
ClientSampleId :
SP-1-TP-1-2-3-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	21.0	17.2	25.8

Manual Integrations
APPROVED

Sohil
7/21/2017 1:05:55 PM



#87
Benzo(b)fluoranthene
Concen: 3.045 ng m
RT: 14.69 min Scan# 2160
Delta R.T. -0.04 min
Lab File: BF096921.D
Acq: 20 Jul 2017 22:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	14.6	9.8	14.8

