

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
 Data File : BF096926.D
 Acq On : 21 Jul 2017 00:48
 Operator : SJ/JU
 Sample : I4319-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-2(0-6)COMP

Manual Integrations
 APPROVED

Sohil
 7/21/2017 1:06:02 PM

Quant Time: Jul 21 08:11:45 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	102510	20.00	ng	-0.03
21) Naphthalene-d8	7.85	136	493861	20.00	ng	-0.04
38) Acenaphthene-d10	9.60	164	195200	20.00	ng	-0.04
63) Phenanthrene-d10	11.07	188	311748	20.00	ng	-0.03
75) Chrysene-d12	13.70	240	233862	20.00	ng	-0.03
86) Perylene-d12	15.07	264	210695	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	775630	113.77	ng	-0.02
7) Phenol-d6	6.23	99	958918	117.21	ng	-0.02
23) Nitrobenzene-d5	7.13	82	536149	67.24	ng	-0.04
41) 2,4,6-Tribromophenol	10.39	330	182071	109.27	ng	-0.04
44) 2-Fluorobiphenyl	8.93	172	896047	72.52	ng	-0.03
78) Terphenyl-d14	12.66	244	603392	44.75	ng	-0.03
Target Compounds						
10) Phenol	6.23	94	39027	4.220	ng	85
49) Dimethylphthalate	9.32	163	126733	8.623	ng	98
70) Phenanthrene	11.10	178	42872	2.529	ng	98
74) Fluoranthene	12.28	202	46655	2.876	ng	99
77) Pyrene	12.50	202	57064	2.689	ng	97
85) Indeno(1,2,3-cd)pyrene	16.34	276	10491	4.089	ng	95

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

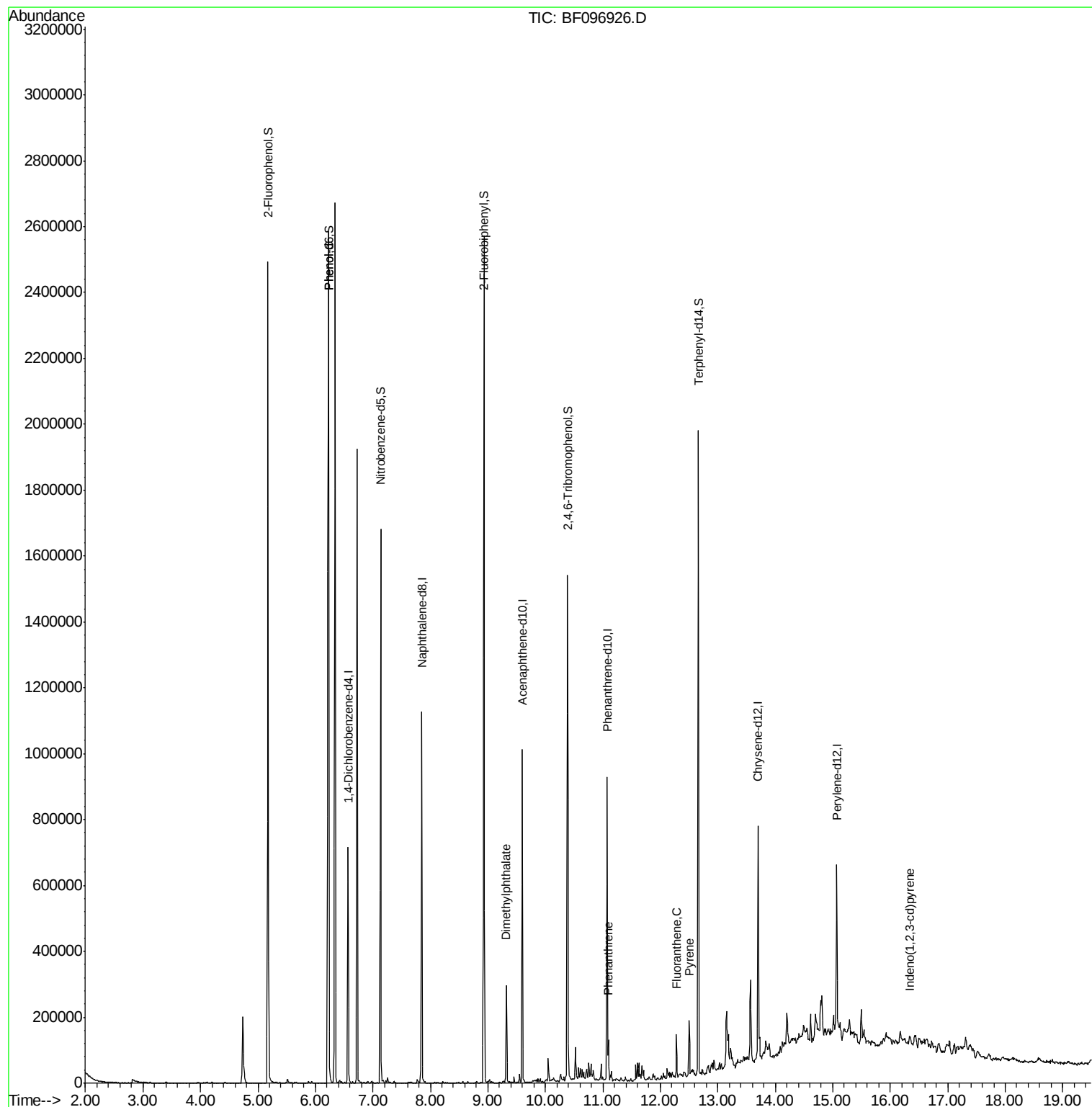
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
Data File : BF096926.D
Acq On : 21 Jul 2017 00:48
Operator : SJ/JU
Sample : I4319-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

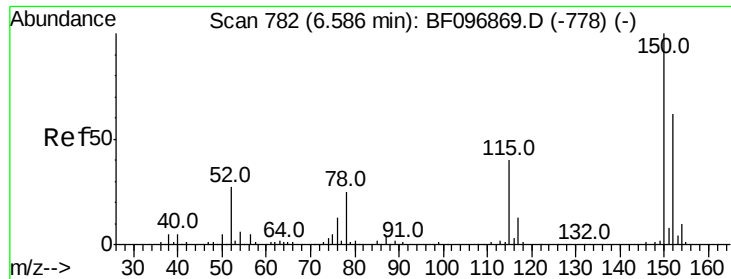
Instrument :
BNA_F
ClientSampleId :
B-2(0-6)COMP

Manual Integrations
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Quant Time: Jul 21 08:11:45 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

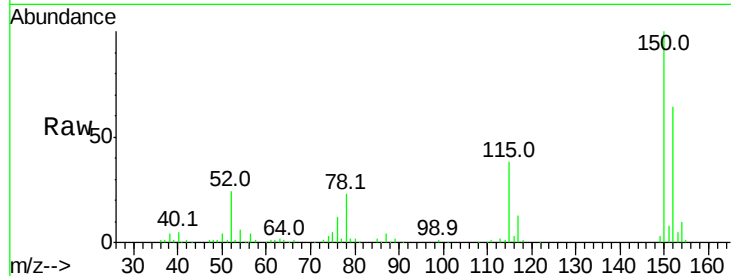
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.57 min Scan# 779
Delta R.T. -0.03 min
Lab File: BF096926.D
Acq: 21 Jul 2017 00:48

Instrument :
BNA_F
ClientSampled :
B-2(0-6)COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	126.2	189.2
115	60.1	52.2	78.2

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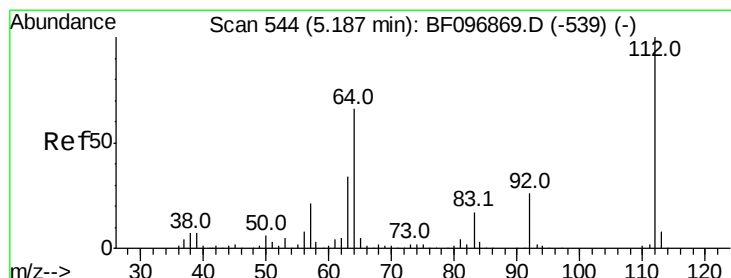
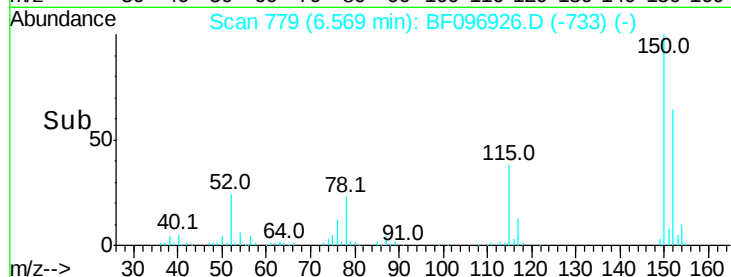
Abundance

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

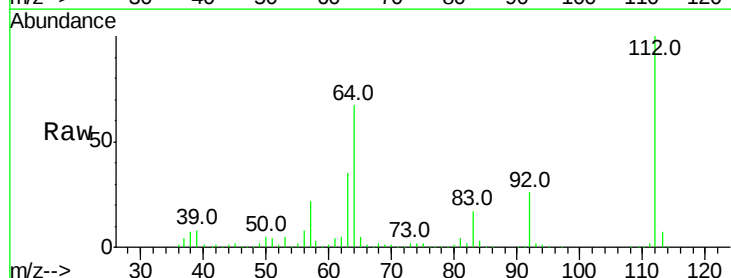
Time-->



#5

2-Fluorophenol
Concen: 113.767 ng
RT: 5.17 min Scan# 542
Delta R.T. -0.02 min
Lab File: BF096926.D
Acq: 21 Jul 2017 00:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.8	46.0	69.0
63	34.6	23.4	35.0



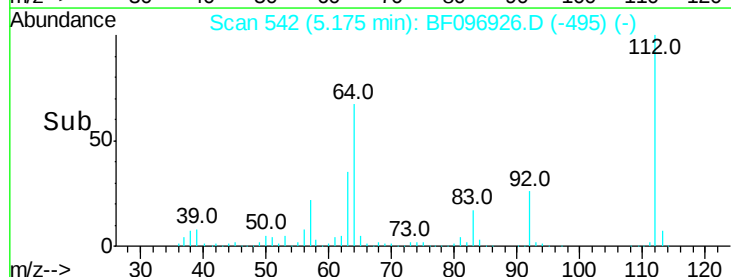
Abundance

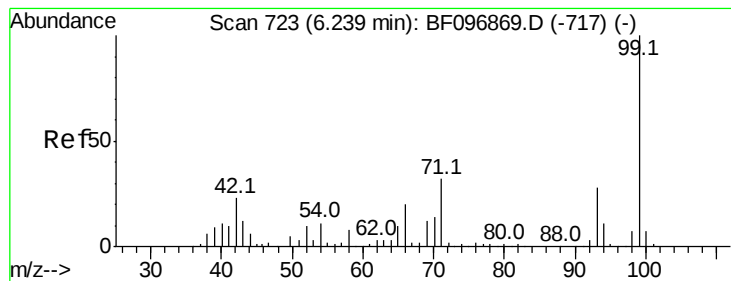
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time-->





#7

Phenol-d6

Concen: 117.206 ng

RT: 6.23 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096926.D

Acq: 21 Jul 2017 00:48

Instrument :

BNA_F

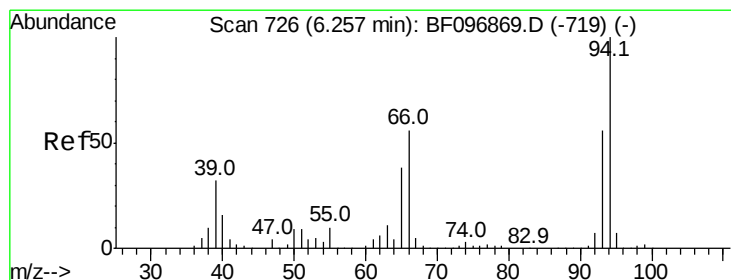
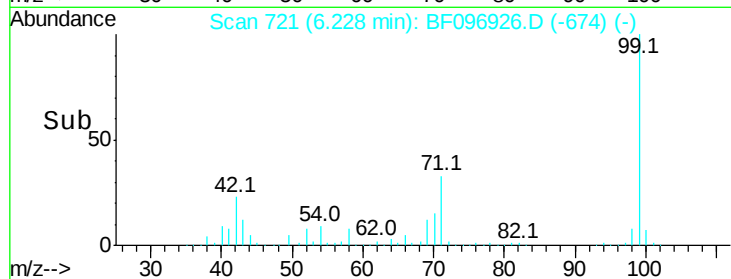
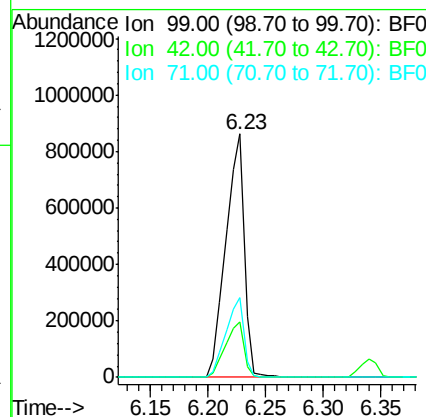
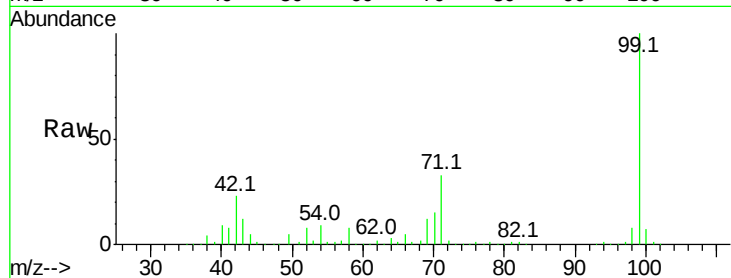
ClientSampleId :

B-2(0-6)COMP

Tot Ion:	99	Resp:	958918
Ion Ratio	Lower	Upper	
99	100		
42	23.0	13.5	20.3#
71	32.6	24.5	36.7

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#10

Phenol

Concen: 4.220 ng

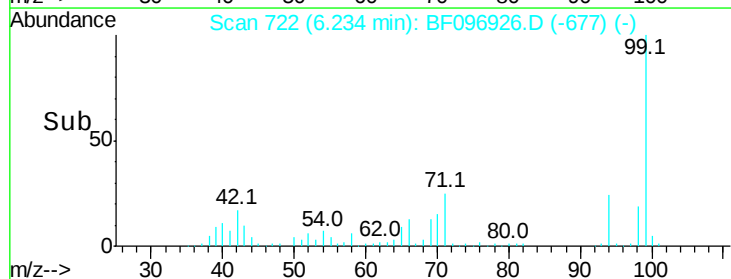
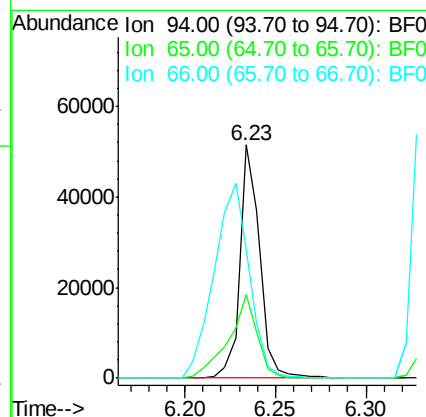
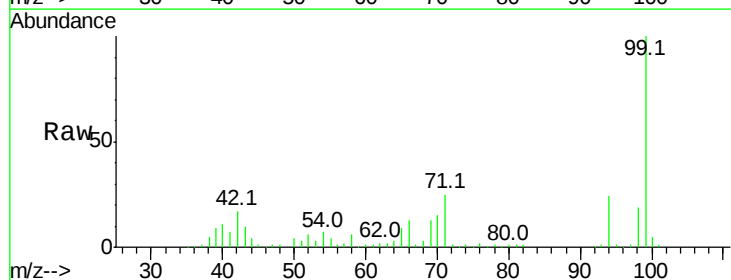
RT: 6.23 min Scan# 722

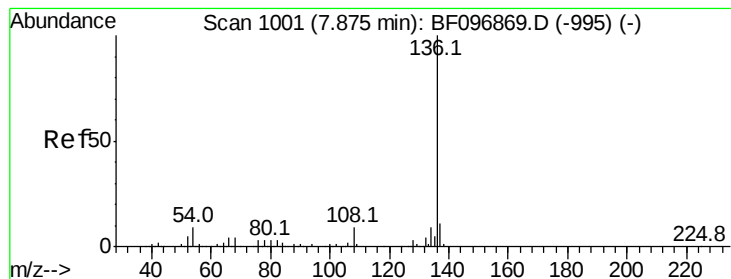
Delta R.T. -0.04 min

Lab File: BF096926.D

Acq: 21 Jul 2017 00:48

Tgt Ion:	94	Resp:	39027
Ion Ratio	Lower	Upper	
94	100		
65	35.7	9.9	49.9
66	54.9	23.1	63.1





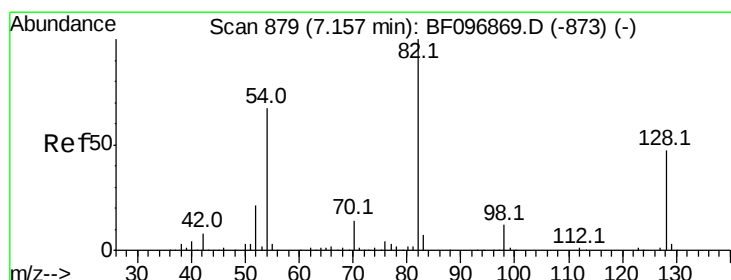
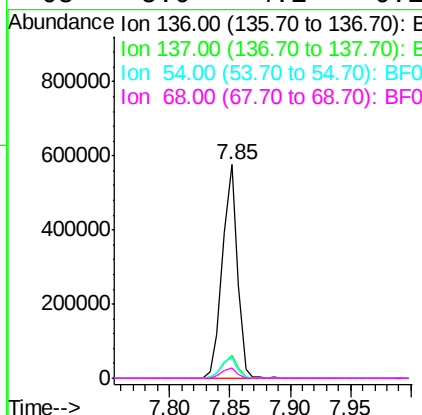
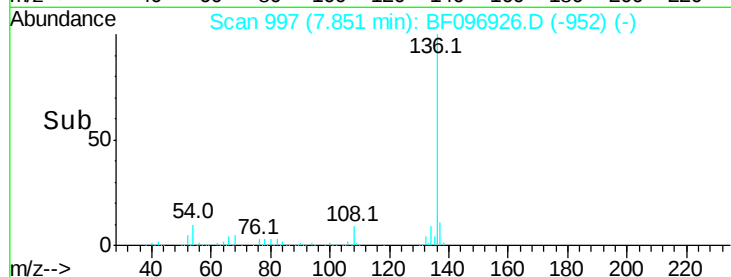
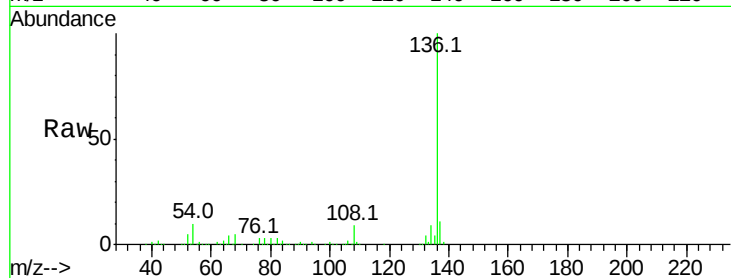
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.85 min Scan# 997
Delta R.T. -0.04 min
Lab File: BF096926.D
Acq: 21 Jul 2017 00:48

Instrument :
BNA_F
ClientSampleId :
B-2(0-6)COMP

Tot Ion	Ratio	Resp	Lower	Upper
136	100	493861		
137	10.5	8.5	12.7	
54	9.8	4.9	7.3#	
68	5.0	4.1	6.1	

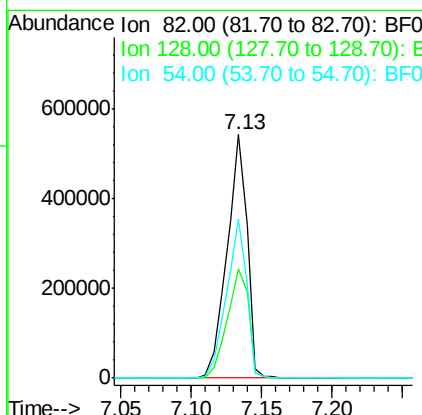
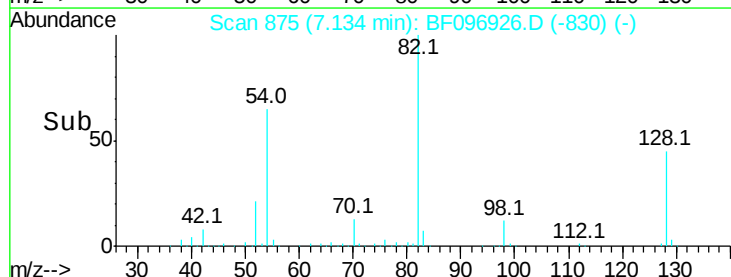
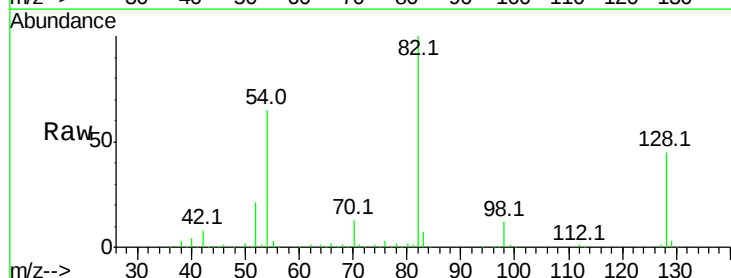
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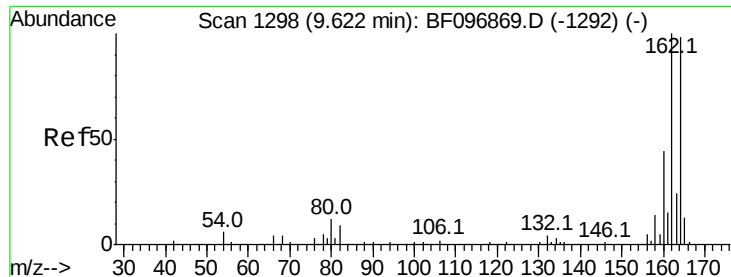
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#23
Nitrobenzene-d5
Concen: 67.245 ng
RT: 7.13 min Scan# 875
Delta R.T. -0.04 min
Lab File: BF096926.D
Acq: 21 Jul 2017 00:48

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	536149		
128	45.1	34.0	51.0	
54	65.2	42.2	63.2#	





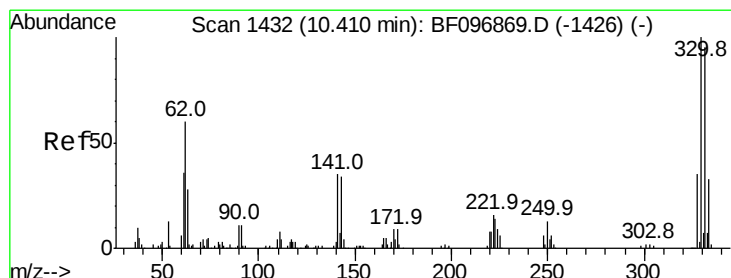
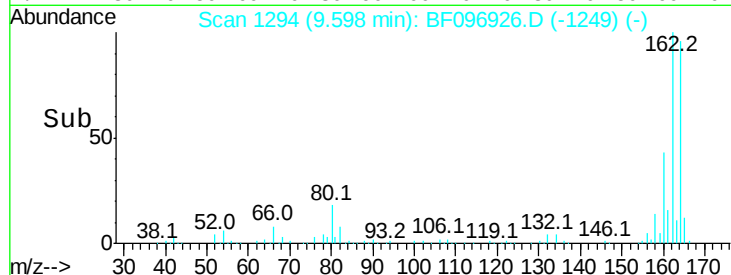
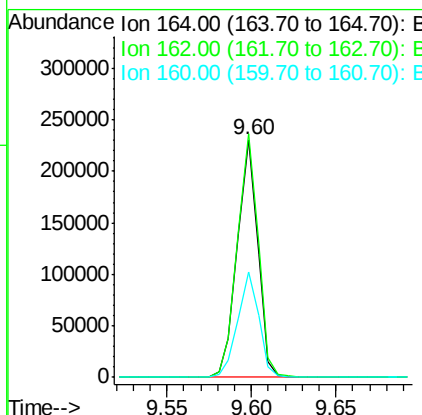
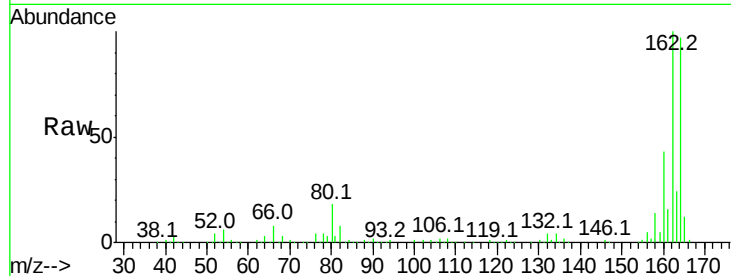
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.60 min Scan# 1294
Delta R.T. -0.04 min
Lab File: BF096926.D
Acq: 21 Jul 2017 00:48

Instrument :
BNA_F
ClientSampleId :
B-2(0-6)COMP

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.6	123.8
160	44.2	36.2	54.2

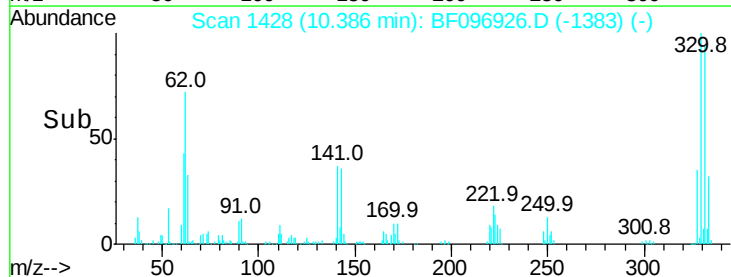
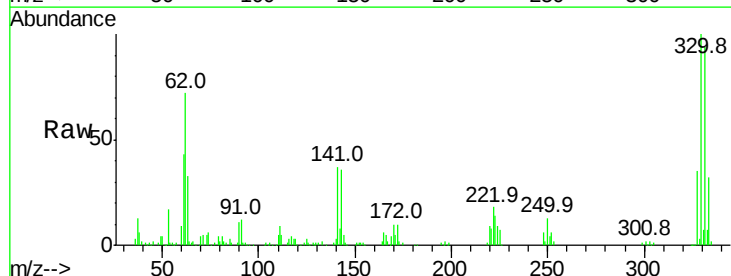
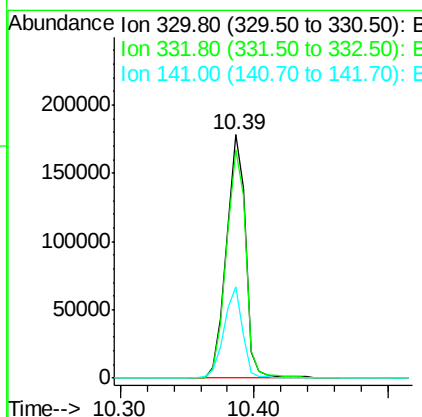
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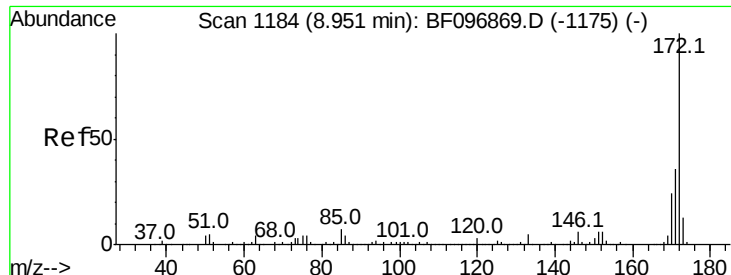
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#41
2,4,6-Tribromophenol
Concen: 109.273 ng
RT: 10.39 min Scan# 1428
Delta R.T. -0.04 min
Lab File: BF096926.D
Acq: 21 Jul 2017 00:48

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	36.3	31.4	47.2





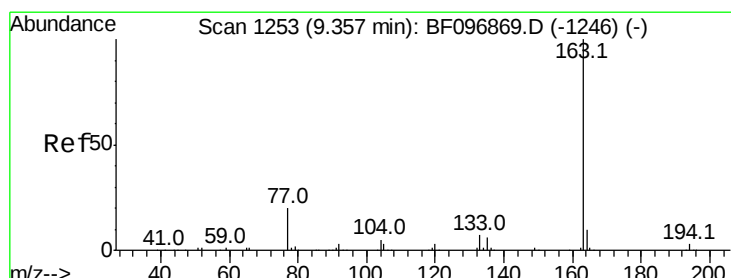
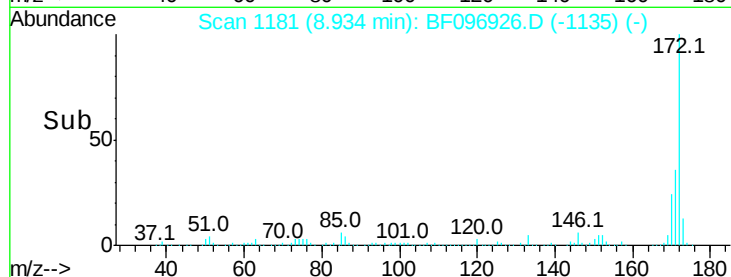
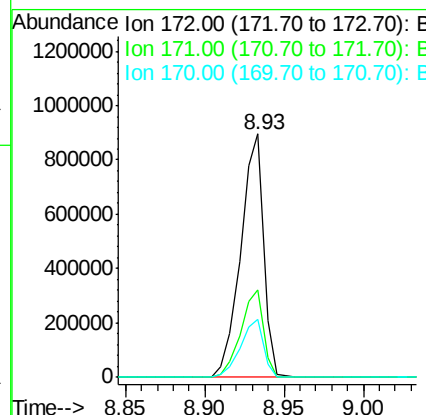
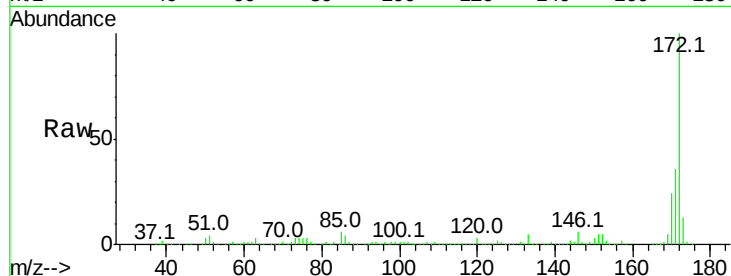
#44
2-Fluorobiphenyl
Concen: 72.525 ng
RT: 8.93 min Scan# 1181
Delta R.T. -0.03 min
Lab File: BF096926.D
Acq: 21 Jul 2017 00:48

Instrument :
BNA_F
ClientSampleId :
B-2(0-6)COMP

Tot Ion	Ratio	Resp	Lower	Upper
172	100	896047		
171	36.1		29.6	44.4
170	23.7		19.8	29.8

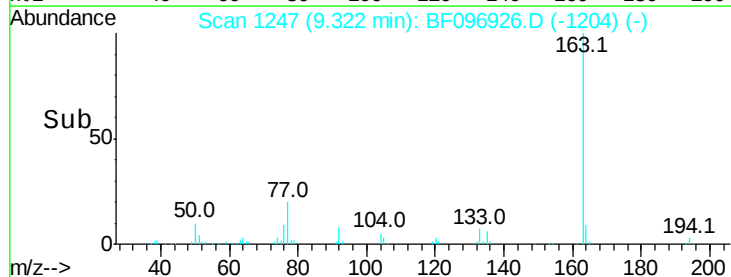
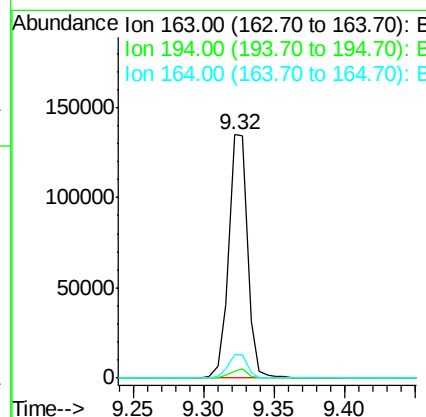
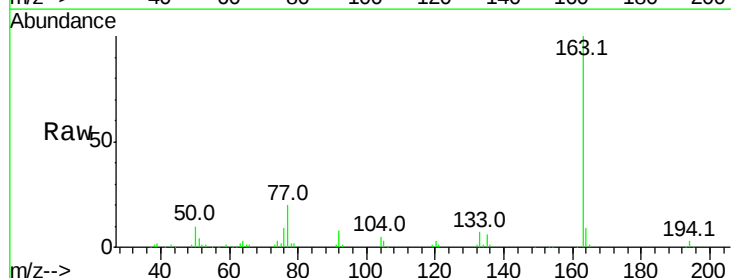
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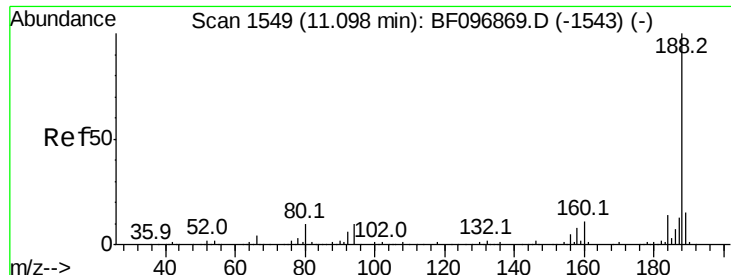
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#49
Dimethylphthalate
Concen: 8.623 ng
RT: 9.32 min Scan# 1247
Delta R.T. -0.05 min
Lab File: BF096926.D
Acq: 21 Jul 2017 00:48

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	126733		
194	2.9		2.6	4.0
164	9.5		8.4	12.6





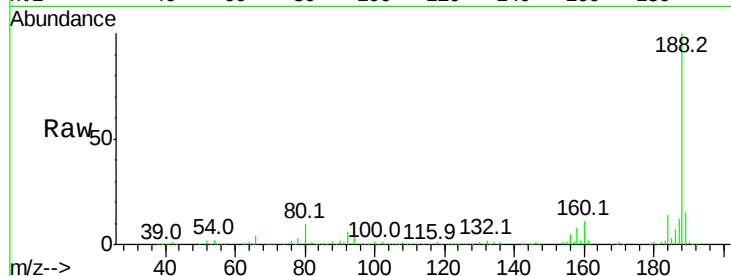
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.07 min Scan# 1545
Delta R.T. -0.03 min
Lab File: BF096926.D
Acq: 21 Jul 2017 00:48

Instrument :
BNA_F
ClientSampleId :
B-2(0-6)COMP

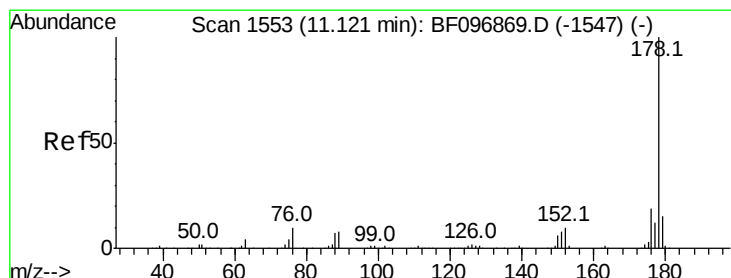
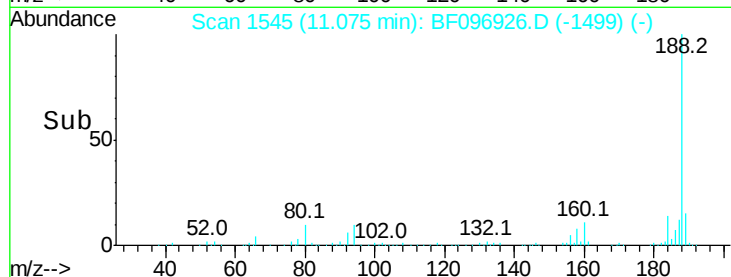
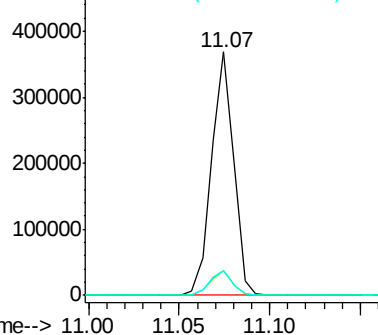
Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.1	9.4	14.2	
80	10.2	10.2	15.2	

Manual Integrations
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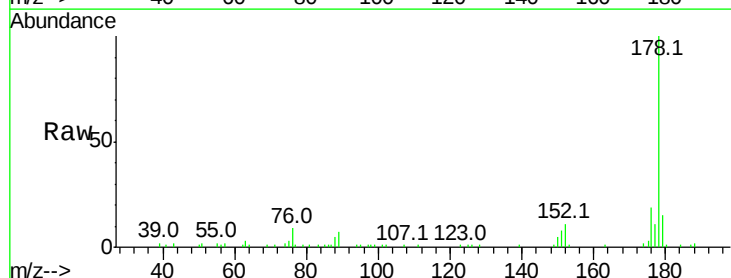


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

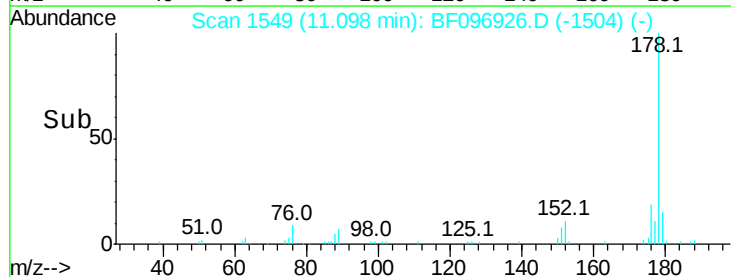
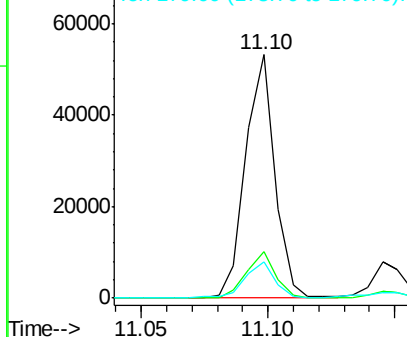


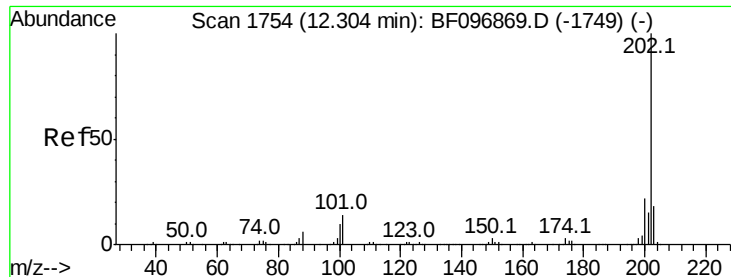
#70
Phenanthrene
Concen: 2.529 ng
RT: 11.10 min Scan# 1549
Delta R.T. -0.04 min
Lab File: BF096926.D
Acq: 21 Jul 2017 00:48

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.2	16.2	24.4	
179	15.1	12.6	19.0	



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 2.876 ng

RT: 12.28 min Scan# 1750

Delta R.T. -0.04 min

Lab File: BF096926.D

Acq: 21 Jul 2017 00:48

Instrument :

BNA_F

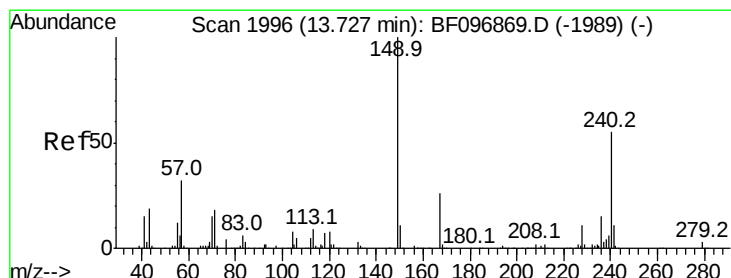
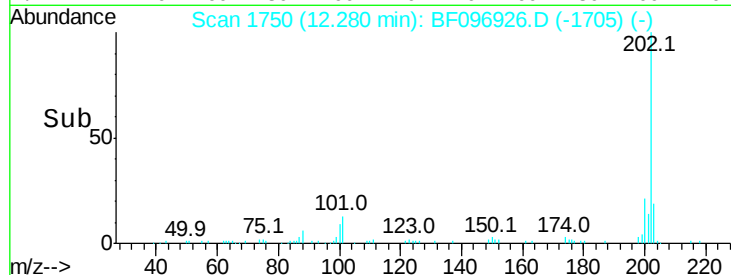
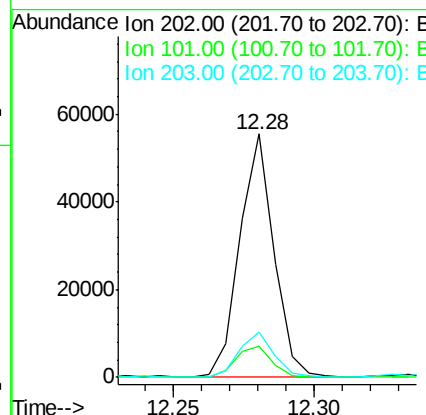
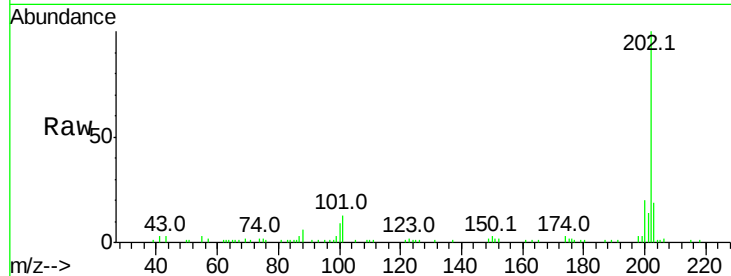
ClientSampleId :

B-2(0-6)COMP

Tot Ion:	202	Resp:	46655
Ion Ratio	Lower	Upper	
202	100		
101	13.0	0.0	33.2
203	18.6	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

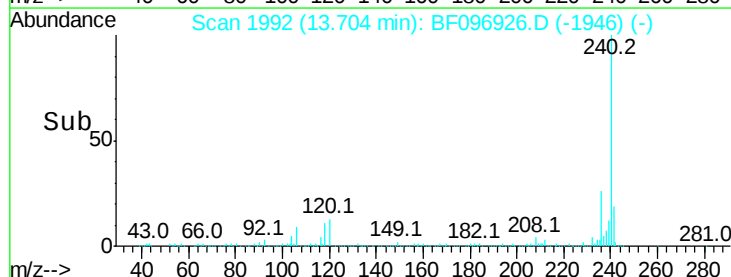
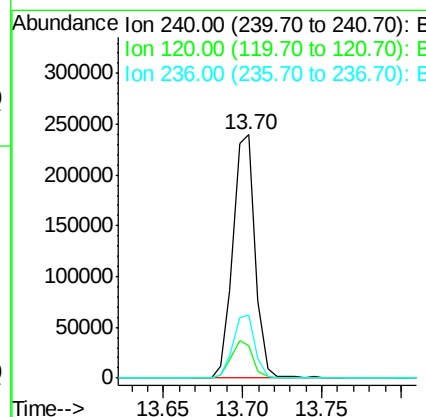
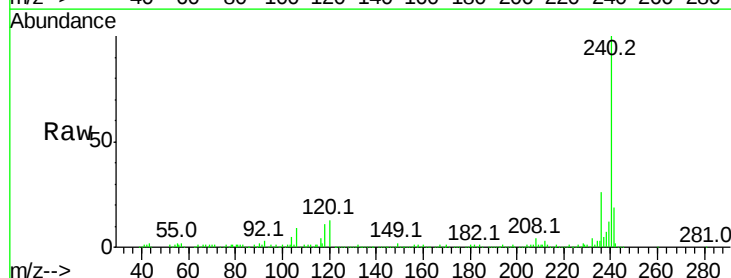
RT: 13.70 min Scan# 1992

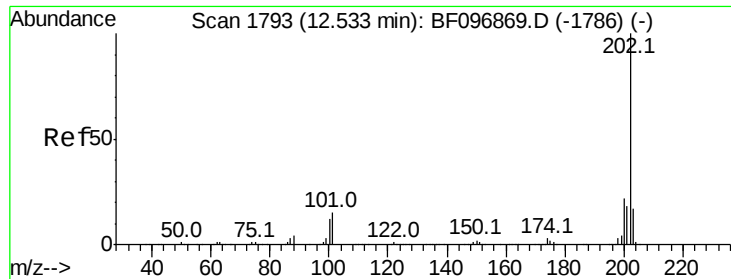
Delta R.T. -0.03 min

Lab File: BF096926.D

Acq: 21 Jul 2017 00:48

Tgt Ion:	240	Resp:	233862
Ion Ratio	Lower	Upper	
240	100		
120	13.1	5.8	8.8#
236	25.7	20.5	30.7





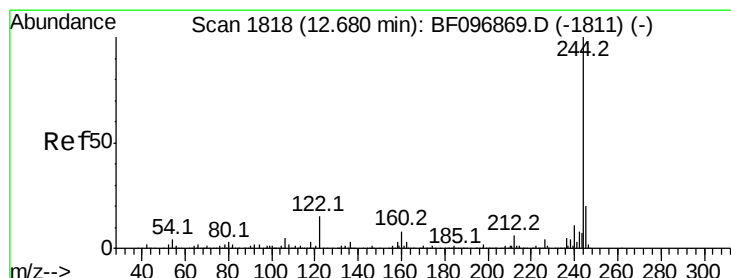
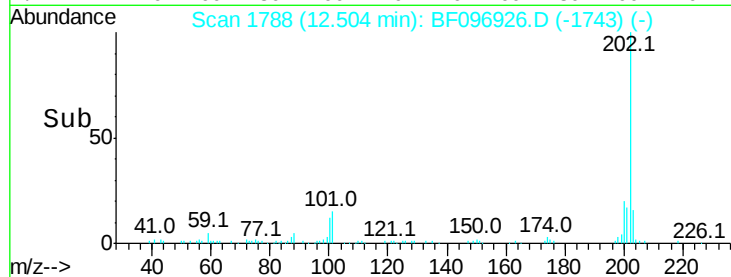
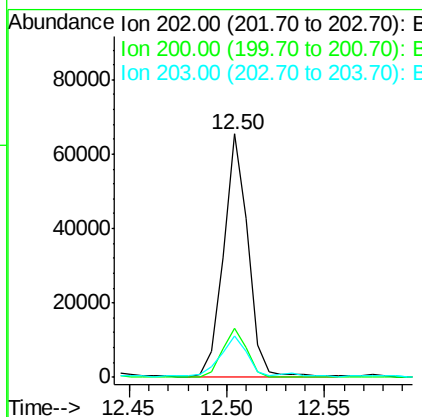
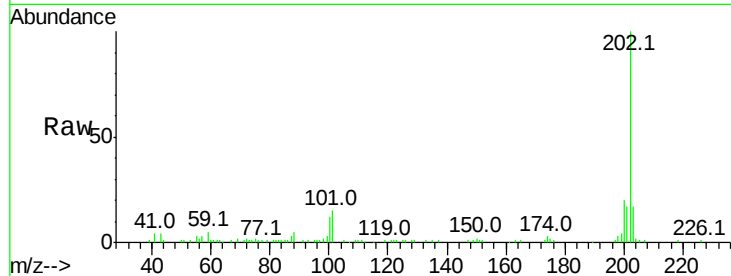
#77
Pvrene
Concen: 2.689 ng
RT: 12.50 min Scan# 1788
Delta R.T. -0.04 min
Lab File: BF096926.D
Acq: 21 Jul 2017 00:48

Instrument :
BNA_F
ClientSampleId :
B-2(0-6)COMP

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.6	26.4
203	17.0	14.4	21.6

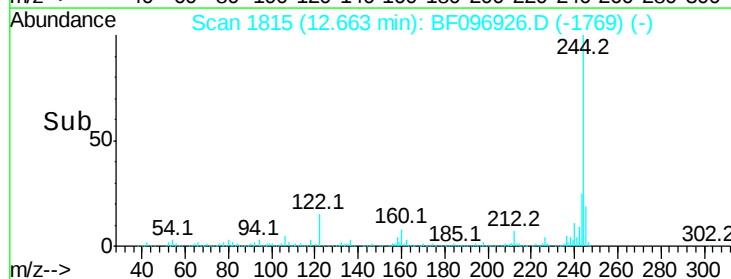
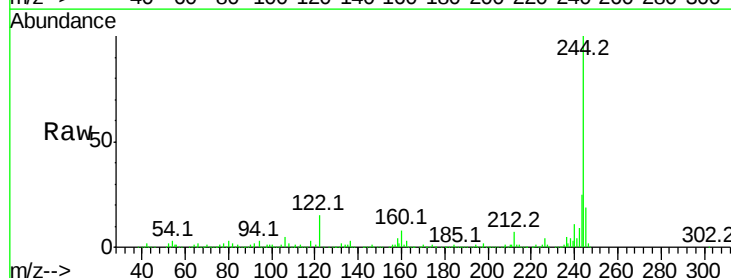
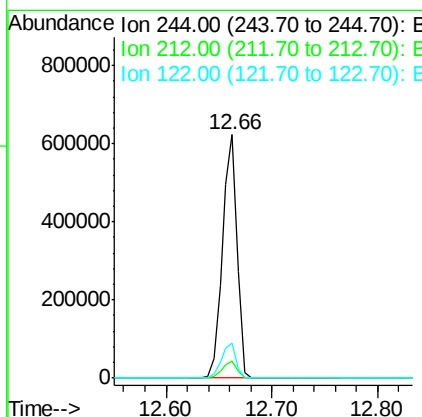
Manual Integrations
APPROVED

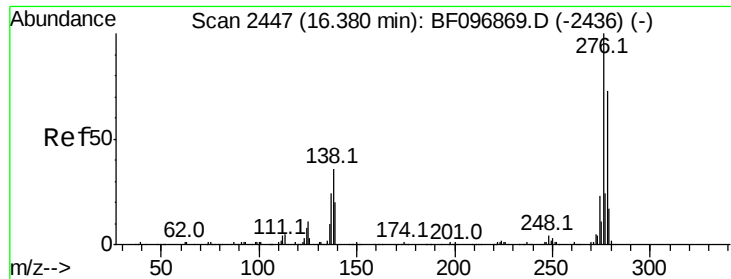
Sohil
7/21/2017 1:06:02 PM



#78
Terphenyl-d14
Concen: 44.746 ng
RT: 12.66 min Scan# 1815
Delta R.T. -0.03 min
Lab File: BF096926.D
Acq: 21 Jul 2017 00:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	14.5	10.3	15.5





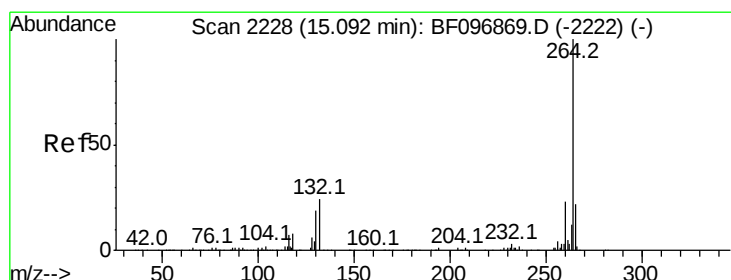
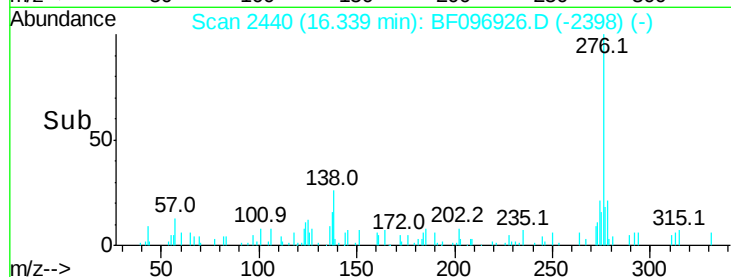
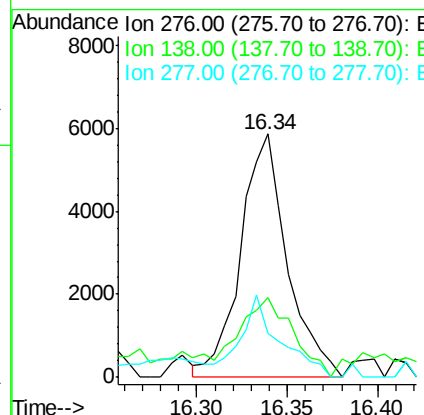
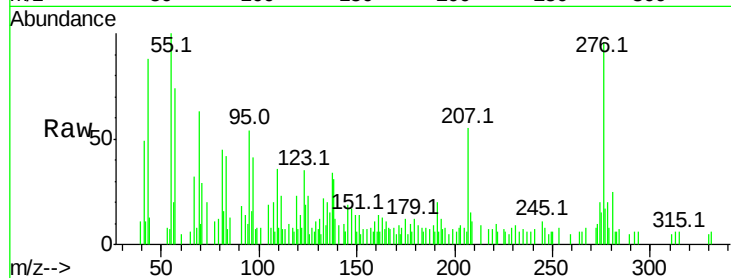
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.089 ng
RT: 16.34 min Scan# 2440
Delta R.T. -0.05 min
Lab File: BF096926.D
Acq: 21 Jul 2017 00:48

Instrument :
BNA_F
ClientSampleId :
B-2(0-6)COMP

Tot Ion	Ratio	Lower	Upper
276	100		
138	37.6	27.8	41.6
277	28.1	20.2	30.4

Manual Integrations
APPROVED

Sohil
7/21/2017 1:06:02 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.07 min Scan# 2224
Delta R.T. -0.04 min
Lab File: BF096926.D
Acq: 21 Jul 2017 00:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.5	29.3
265	20.9	17.2	25.8

