

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
 Data File : BF093124.D
 Acq On : 24 Feb 2017 00:29
 Operator : SJ/MA
 Sample : I1954-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CLP-B-01(5-10)

Manual Integrations
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mohammad
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Quant Time: Feb 24 02:59:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	164192	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	624944	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	257123	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	366455	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	299628	20.00	ng	-0.02
86) Perylene-d12	15.43	264	263403	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	933753	97.57	ng	-0.01
7) Phenol-d6	6.49	99	1335385	108.44	ng	0.00
23) Nitrobenzene-d5	7.41	82	796330	70.96	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	183556	98.70	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1156634	81.50	ng	-0.01
78) Terphenyl-d14	12.95	244	678476	53.21	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.60	163	279690	16.15	ng	# 98
51) Acenaphthene	9.92	154	35892	2.39	ng	93
57) Fluorene	10.43	166	35012	2.26	ng	95
70) Phenanthrene	11.39	178	703920	33.53	ng	97
71) Anthracene	11.44	178	153406	7.28	ng	97
74) Fluoranthene	12.58	202	1013206	46.79	ng	94
77) Pyrene	12.81	202	1148981	51.24	ng	99
80) Benzo(a)anthracene	14.00	228	606996	33.12	ng	98
82) Chrysene	14.03	228	518369	30.21	ng	99
85) Indeno(1,2,3-cd)pyrene	16.83	276	181652	13.67	ng	96
87) Benzo(b)fluoranthene	15.03	252	553044m	31.90	ng	
88) Benzo(k)fluoranthene	15.05	252	201473m	13.46	ng	
89) Benzo(a)pyrene	15.37	252	404308	26.96	ng	# 96
90) Dibenzo(a,h)anthracene	16.83	278	57155	4.72	ng	# 76
91) Benzo(a,h,i)perylene	17.25	276	185950	15.19	ng	# 91

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

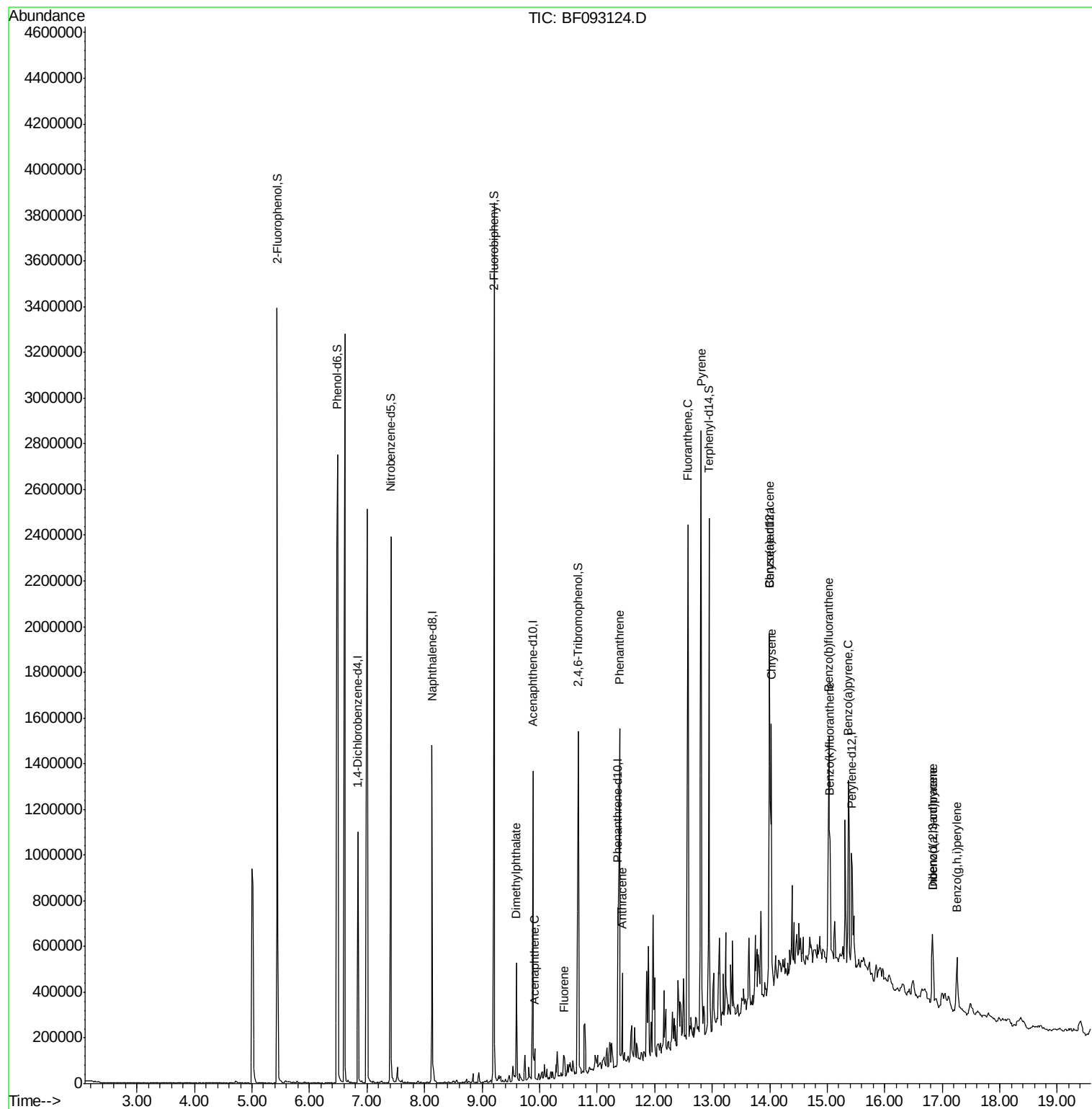
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
Data File : BF093124.D
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ALS Vial : 22 Sample Multiplier: 1

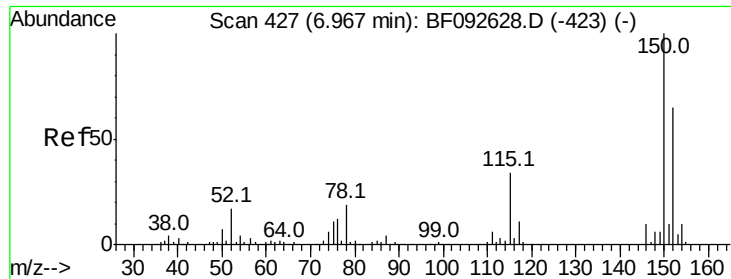
Instrument :
BNA_F
ClientSampleId :
CLP-B-01(5-10)

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

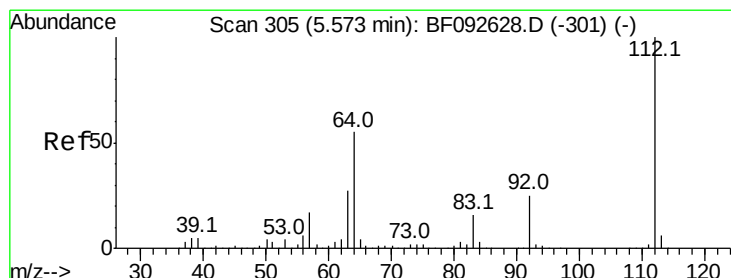
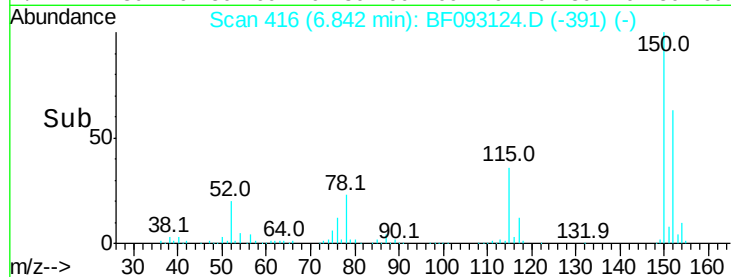
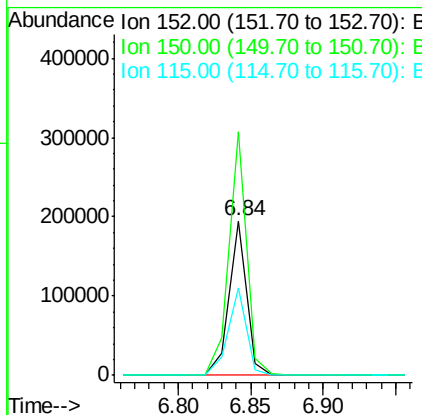
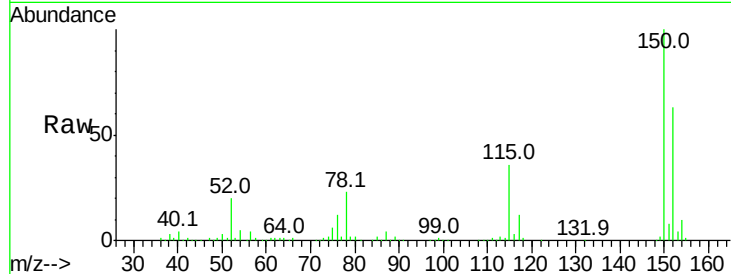
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF093124.D
Acq: 24 Feb 2017 00:29

Instrument :
BNA_F
ClientSampleId :
CLP-B-01(5-10)

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.9	187.3
115	56.9	46.0	69.0

Manual Integrations
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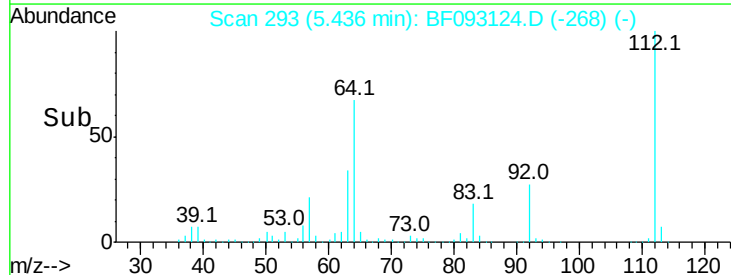
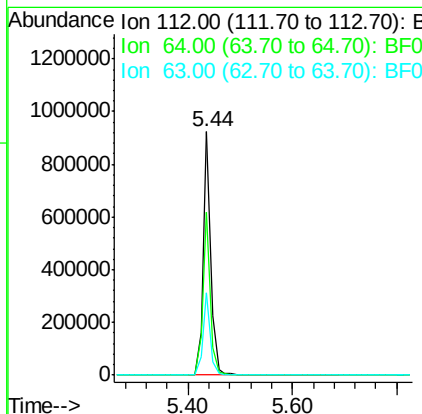
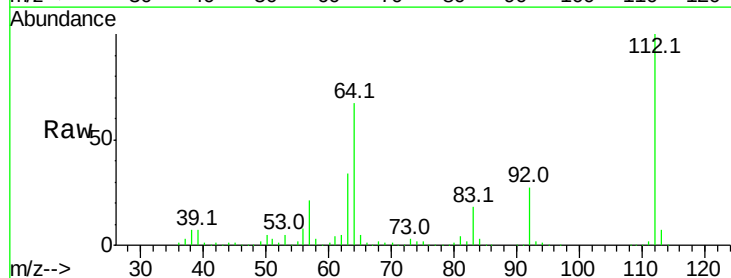
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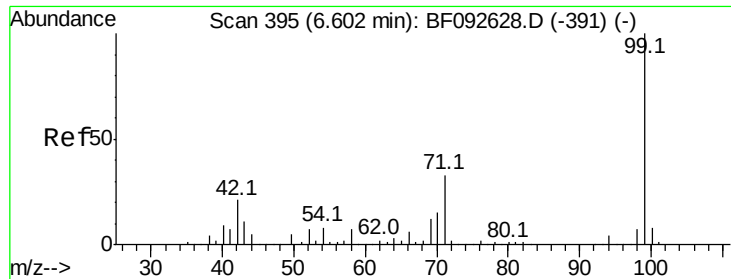


#5

2-Fluorophenol
Concen: 97.57 ng
RT: 5.44 min Scan# 293
Delta R.T. -0.01 min
Lab File: BF093124.D
Acq: 24 Feb 2017 00:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.1	46.1	69.1
63	33.6	23.8	35.6





#7

Phenol-d6

Concen: 108.44 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF093124.D

Acq: 24 Feb 2017 00:29

Instrument :

BNA_F

ClientSampleId :

CLP-B-01(5-10)

Tot Ion: 99 Resp: 1335385

Ion Ratio Lower Upper

99 100

42 16.1 15.6 23.4

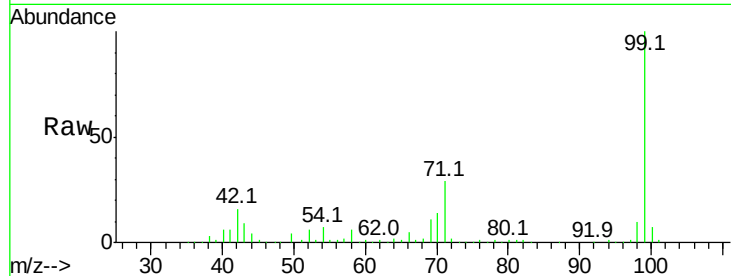
71 29.1 27.5 41.3

Manual Integrations

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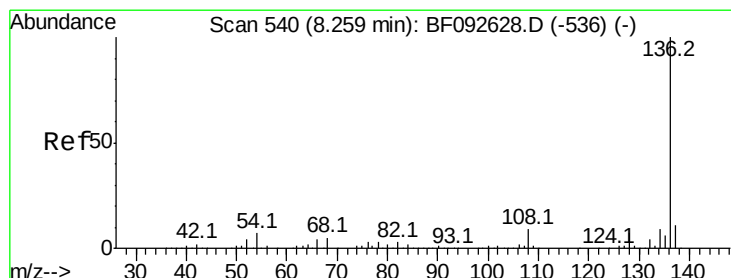
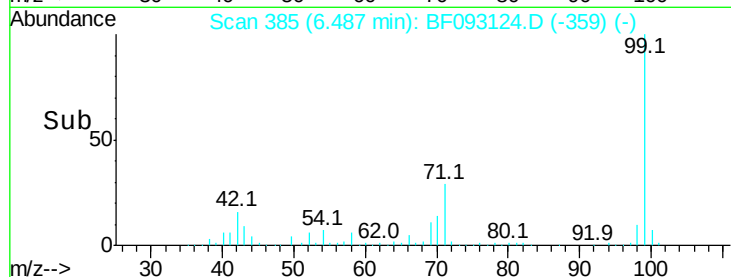
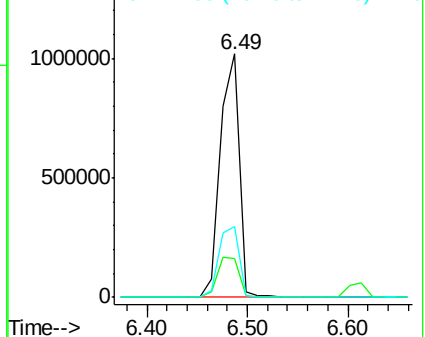
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF093124.D

Acq: 24 Feb 2017 00:29

Tgt Ion:136 Resp: 624944

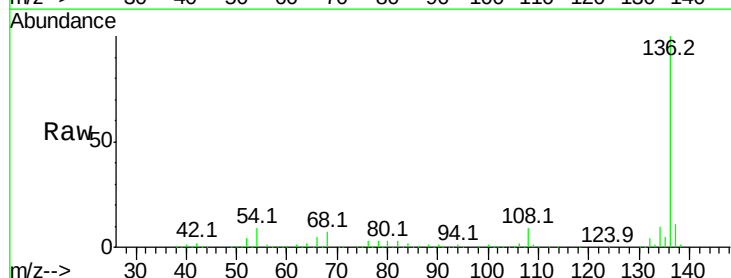
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 9.1 4.5 6.7#

68 6.8 3.6 5.4#

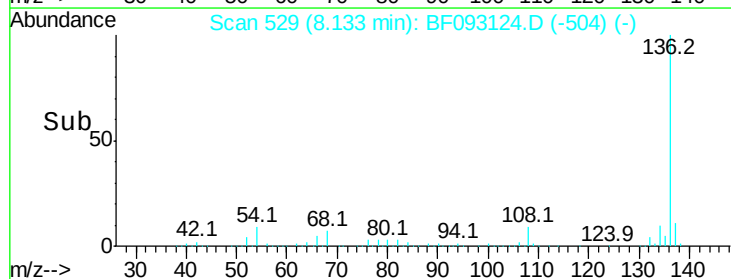
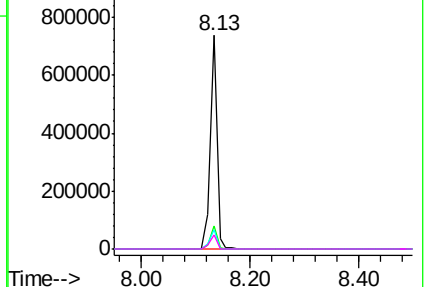


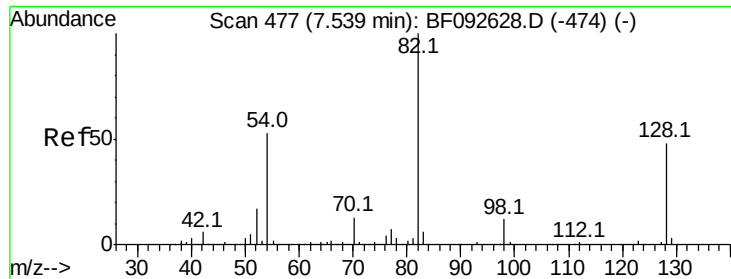
Abundance Ion 136.00 (135.70 to 136.70): E

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





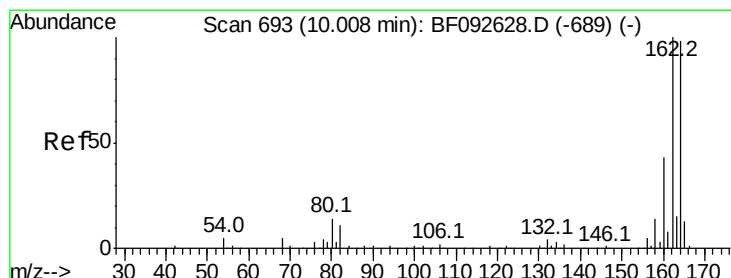
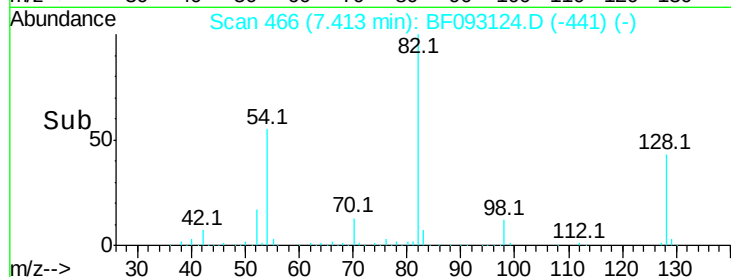
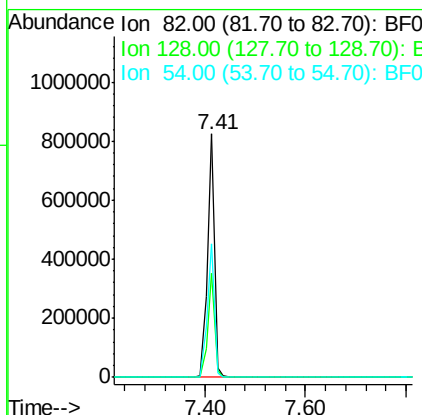
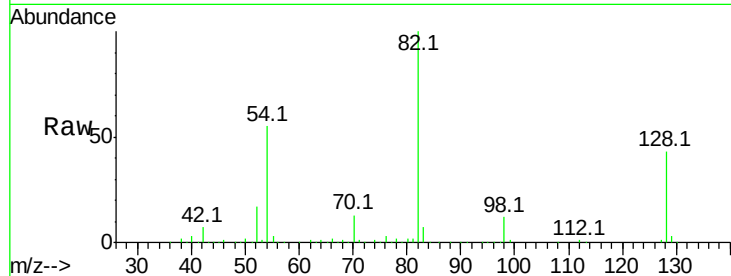
#23
 Nitrobenzene-d5
 Concen: 70.96 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093124.D
 Acq: 24 Feb 2017 00:29

Instrument :
 BNA_F
 ClientSampleId :
 CLP-B-01(5-10)

Tot Ion	Ratio	Resp	Lower	Upper
82	100	796330		
128	42.6		34.6	52.0
54	55.0		39.5	59.3

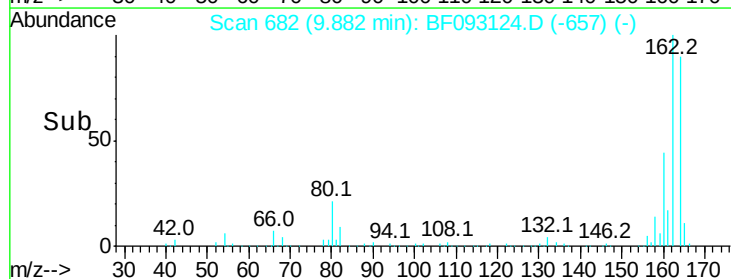
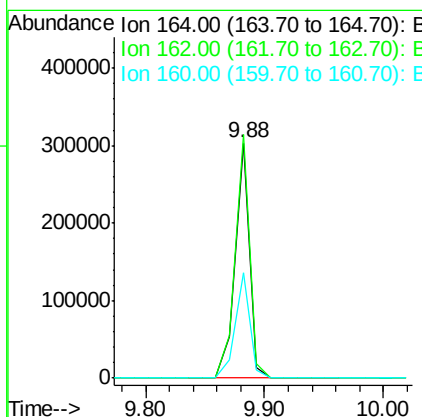
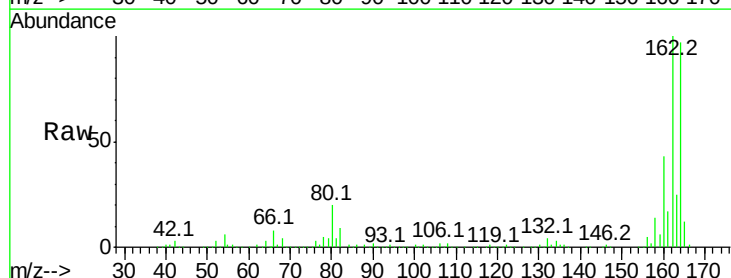
Manual Integrations
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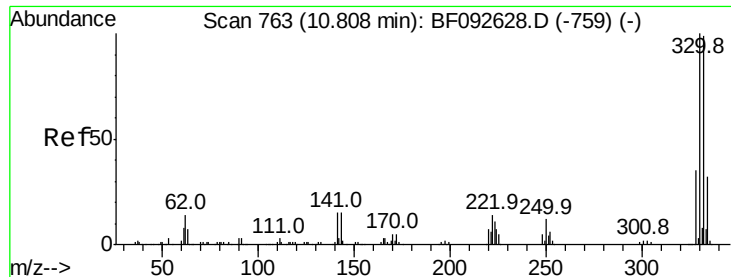
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF093124.D
 Acq: 24 Feb 2017 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	257123		
162	103.6		80.2	120.2
160	44.8		36.9	55.3





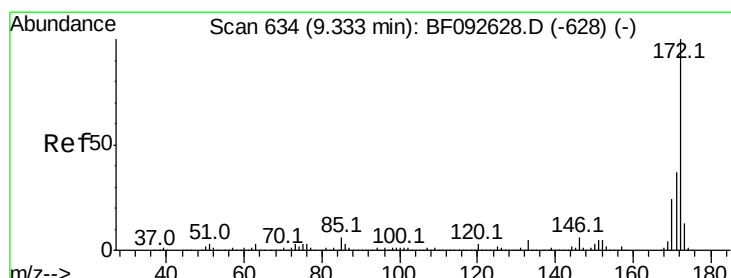
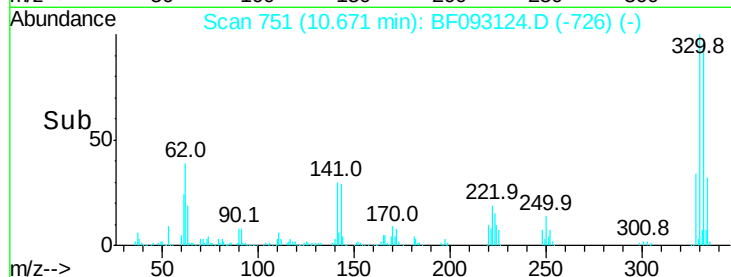
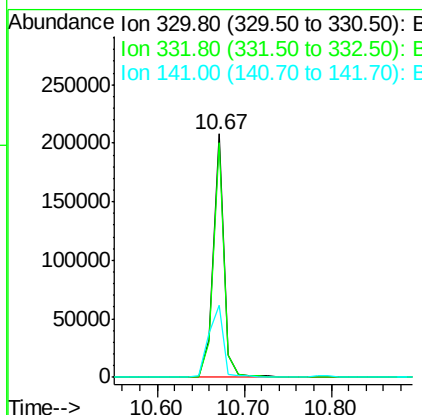
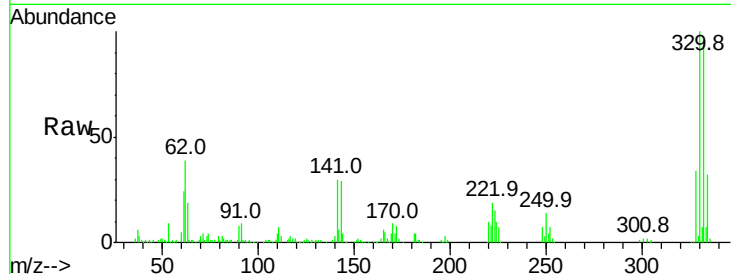
#41
 2,4,6-Tribromophenol
 Concen: 98.70 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093124.D
 Acq: 24 Feb 2017 00:29

Instrument :
 BNA_F
 ClientSampleId :
 CLP-B-01(5-10)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	183556		
332	96.1	77.4	116.2	
141	39.6	34.1	51.1	

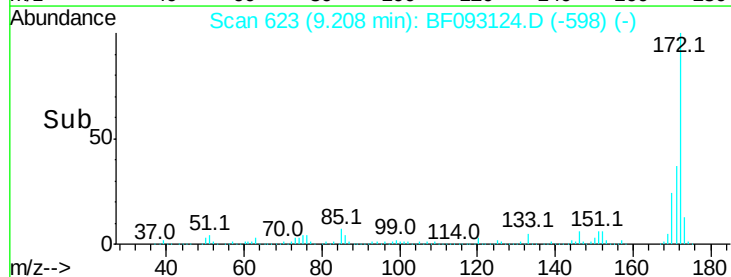
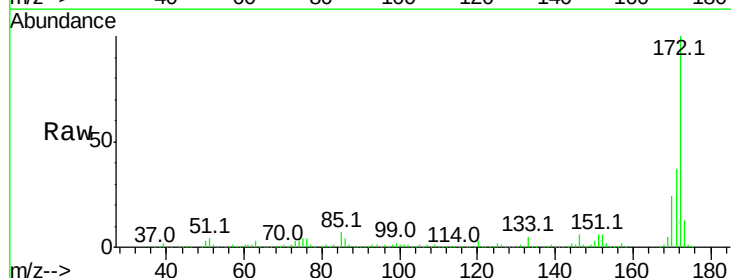
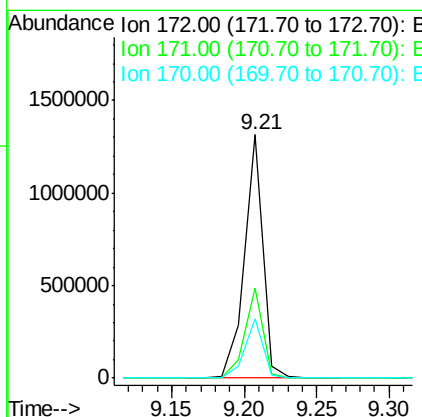
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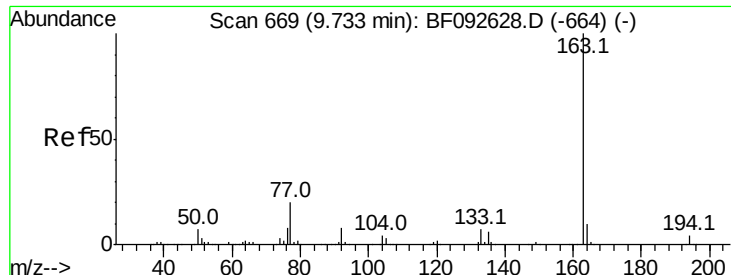
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#44
 2-Fluorobiphenyl
 Concen: 81.50 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093124.D
 Acq: 24 Feb 2017 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1156634		
171	36.7	29.4	44.0	
170	24.3	20.2	30.4	





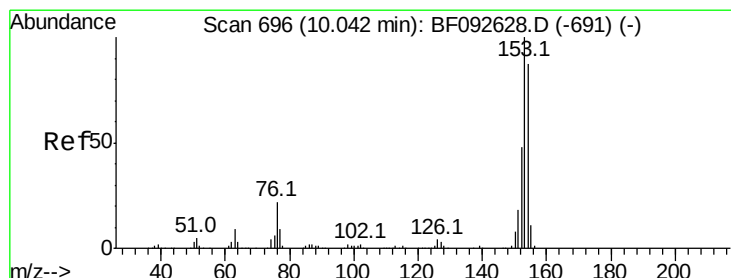
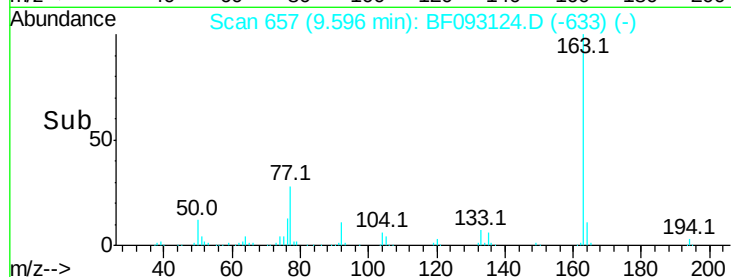
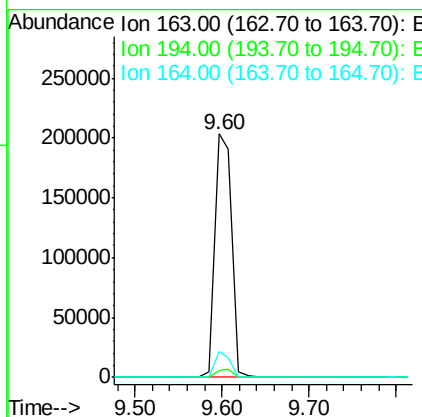
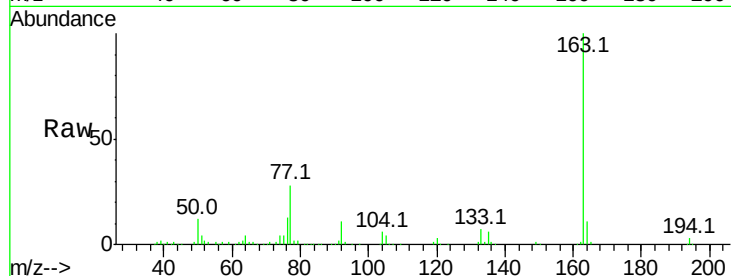
#49
Dimethylphthalate
Concen: 16.15 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF093124.D
Acq: 24 Feb 2017 00:29

Instrument :
BNA_F
ClientSampled :
CLP-B-01(5-10)

Tot Ion	Ratio	Resp	Lower	Upper
163	100	279690		
194	2.9		3.0	4.4#
164	10.8		8.0	12.0

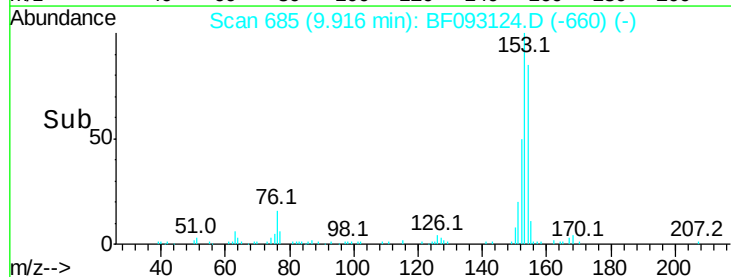
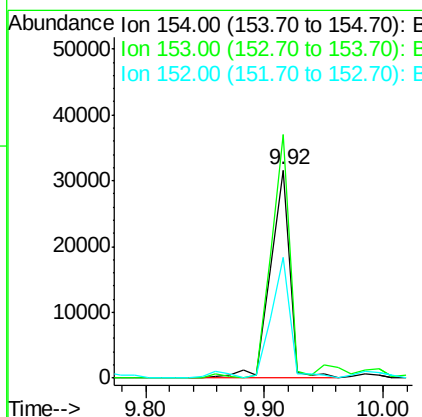
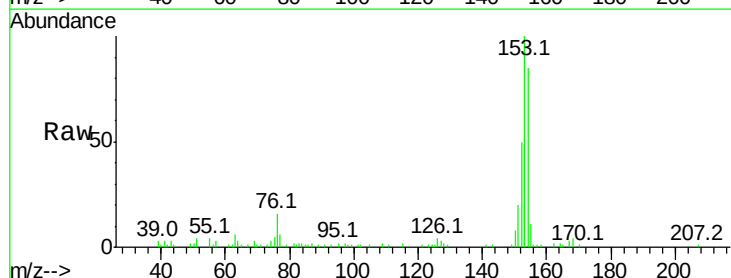
Manual Integrations
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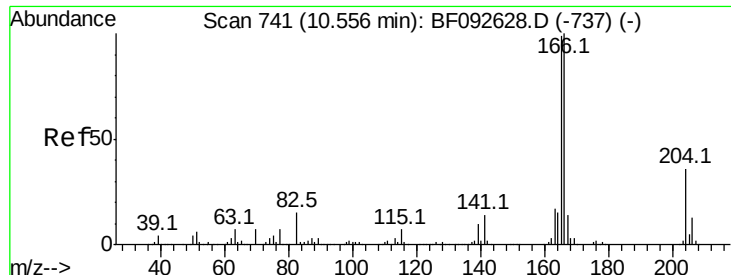
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#51
Acenaphthene
Concen: 2.39 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF093124.D
Acq: 24 Feb 2017 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	35892		
153	117.0		88.6	133.0
152	58.1		41.6	62.4





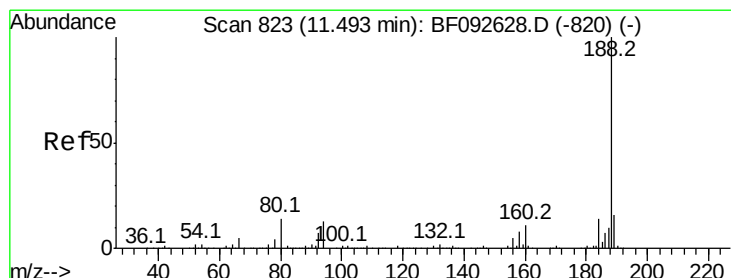
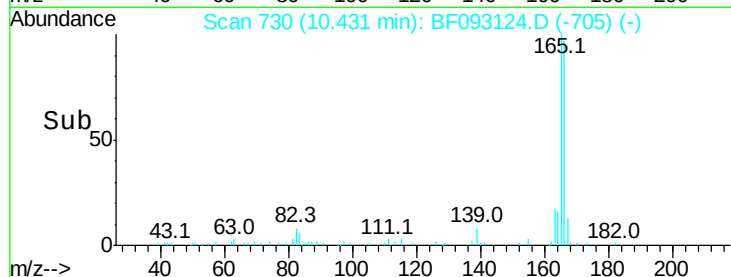
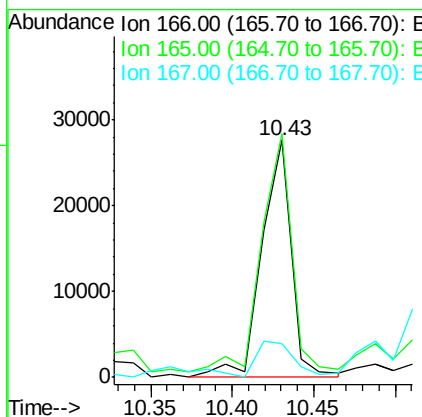
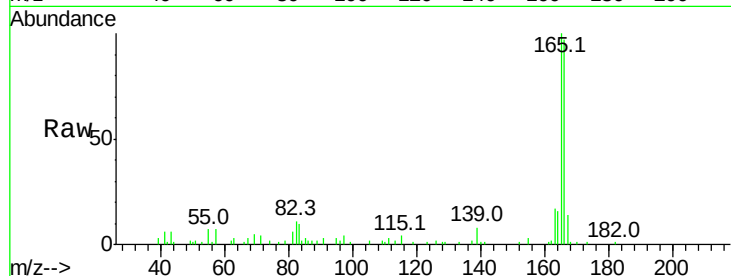
#57
Fluorene
 Concen: 2.26 ng
 RT: 10.43 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BF093124.D
 Acq: 24 Feb 2017 00:29

Instrument :
 BNA_F
 ClientSampleId :
 CLP-B-01(5-10)

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	102.7	77.8	116.8	
167	14.4	10.8	16.2	

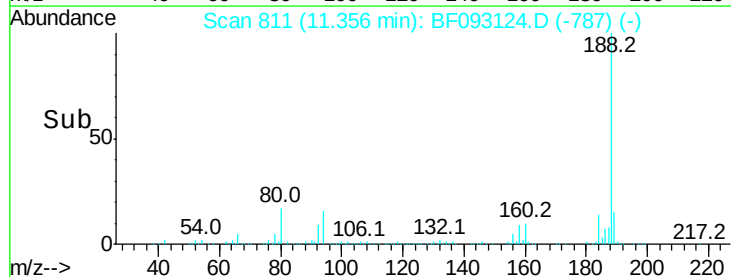
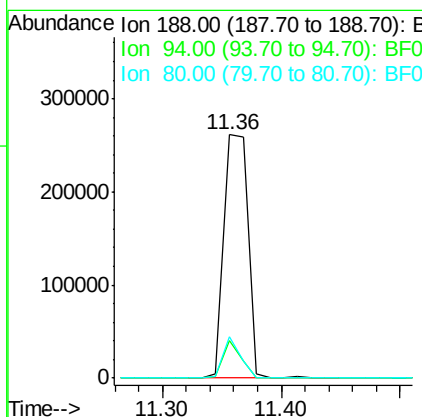
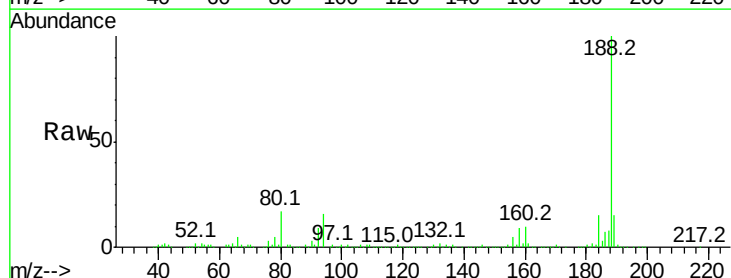
Manual Integrations
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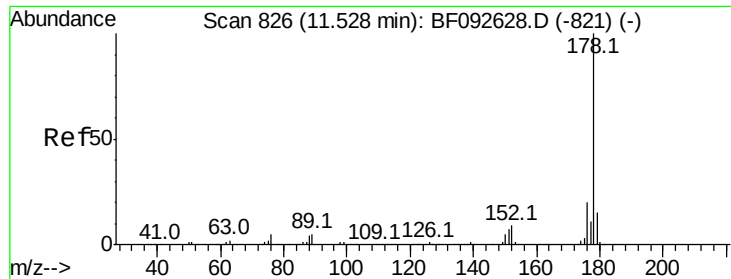
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#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BF093124.D
 Acq: 24 Feb 2017 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	15.6	10.0	15.0#	
80	17.0	11.2	16.8#	





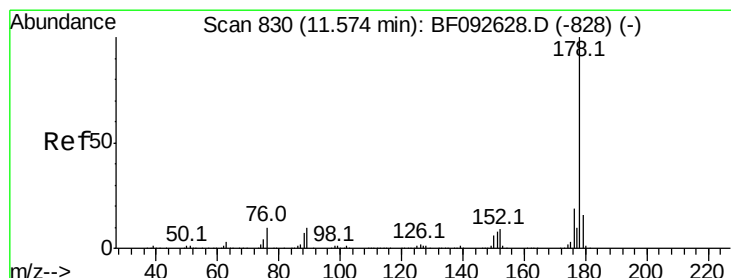
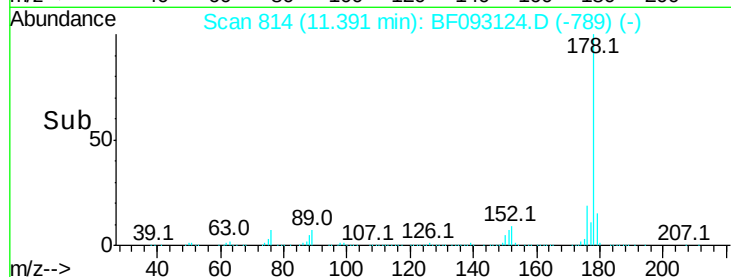
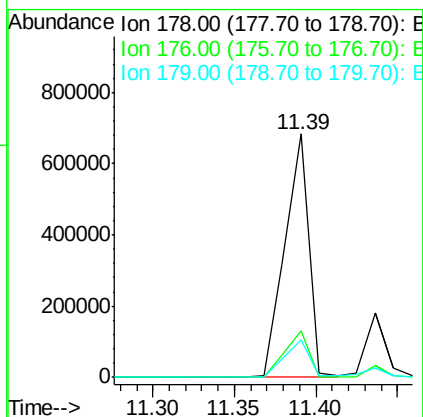
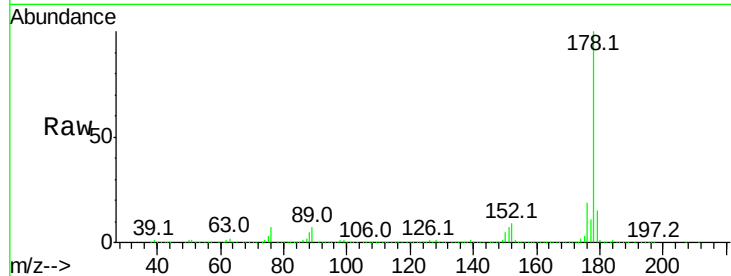
#70
Phenanthrene
Concen: 33.53 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF093124.D
Acq: 24 Feb 2017 00:29

Instrument :
BNA_F
ClientSampleId :
CLP-B-01(5-10)

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.6	25.0
179	15.2	12.8	19.2

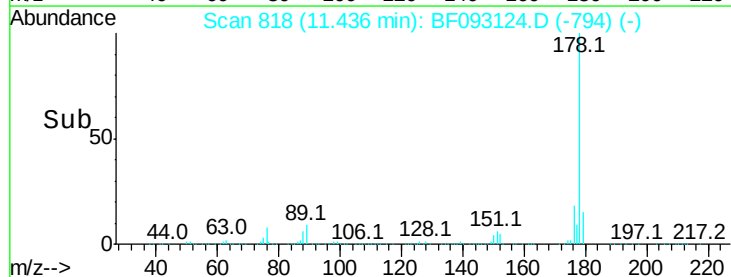
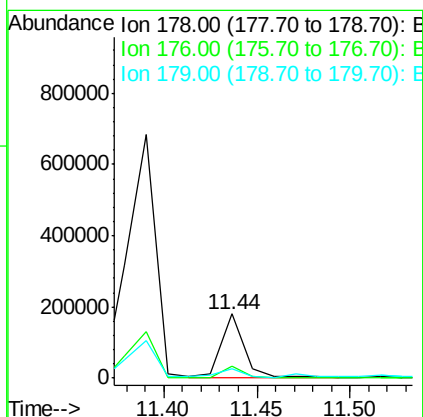
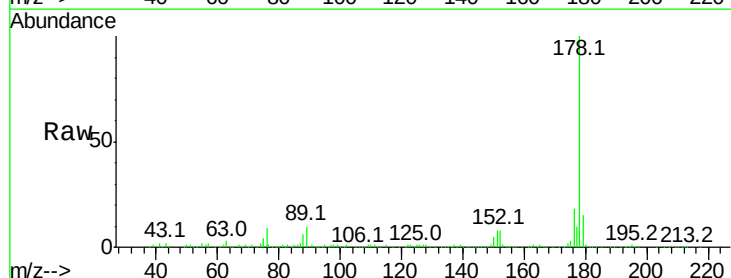
Manual Integrations
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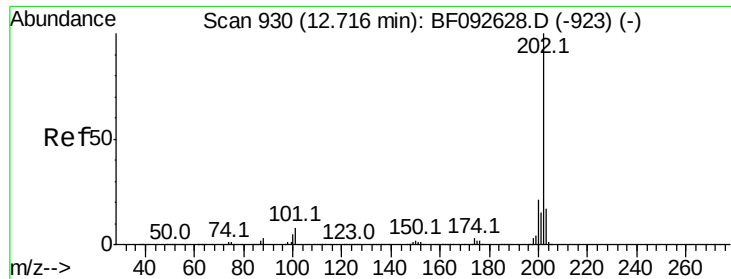
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#71
Anthracene
Concen: 7.28 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.02 min
Lab File: BF093124.D
Acq: 24 Feb 2017 00:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.9	23.9
179	15.1	13.2	19.8





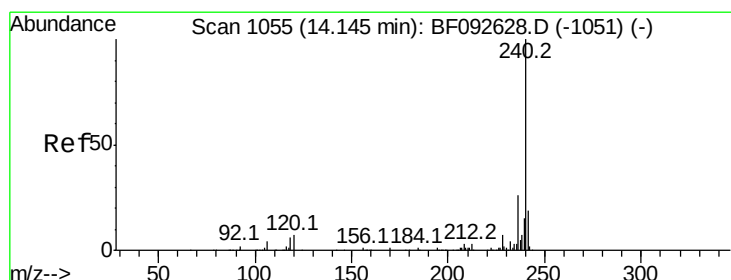
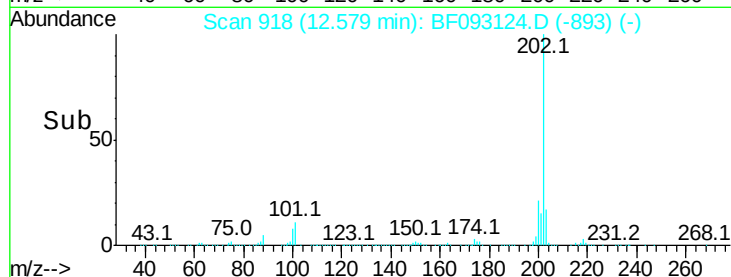
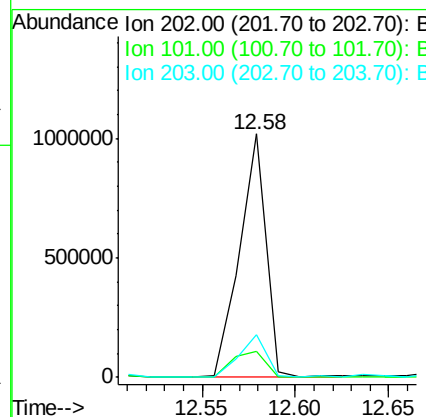
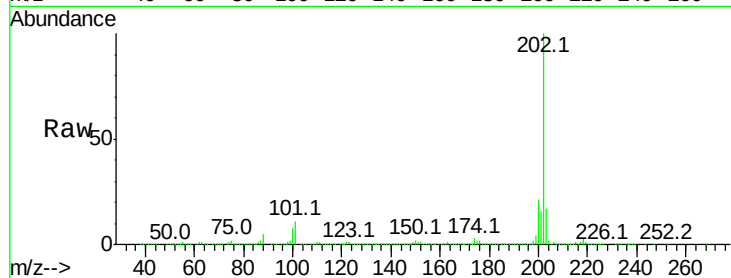
#74
 Fluoranthene
 Concen: 46.79 ng
 RT: 12.58 min Scan# 918
 Delta R.T. -0.01 min
 Lab File: BF093124.D
 Acq: 24 Feb 2017 00:29

Instrument :
 BNA_F
 ClientSampleId :
 CLP-B-01(5-10)

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	34.6
203	17.4	0.0	38.7

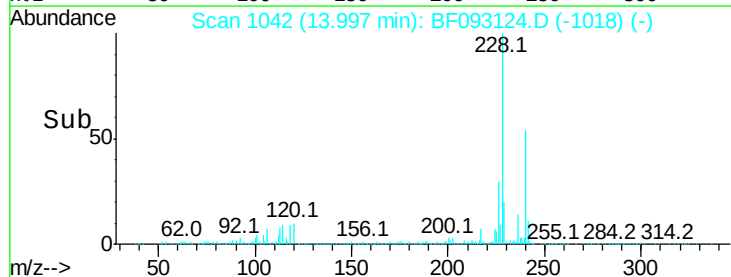
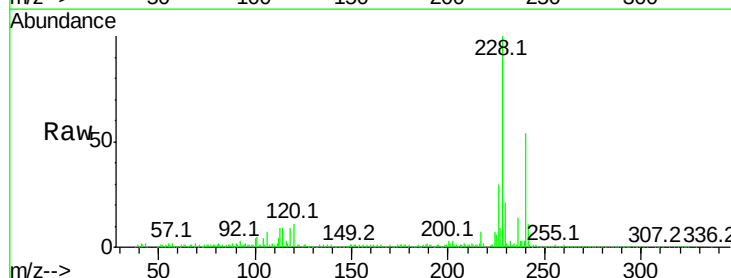
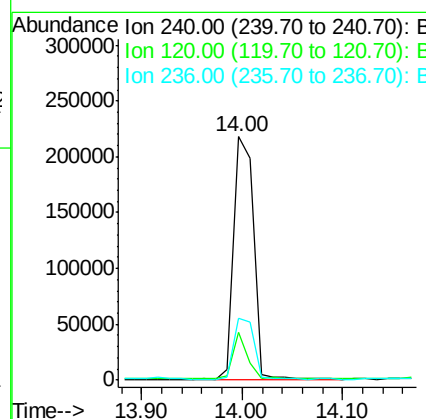
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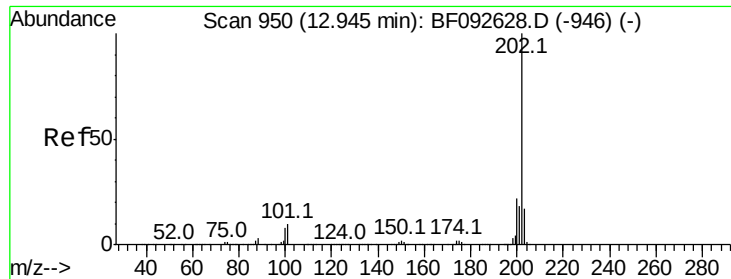
mohammad
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.02 min
 Lab File: BF093124.D
 Acq: 24 Feb 2017 00:29

Tgt Ion	Ratio	Lower	Upper
240	100		
120	19.4	12.9	19.3#
236	25.4	20.9	31.3





#77

Pvrene

Concen: 51.24 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF093124.D

Acq: 24 Feb 2017 00:29

Instrument :

BNA_F

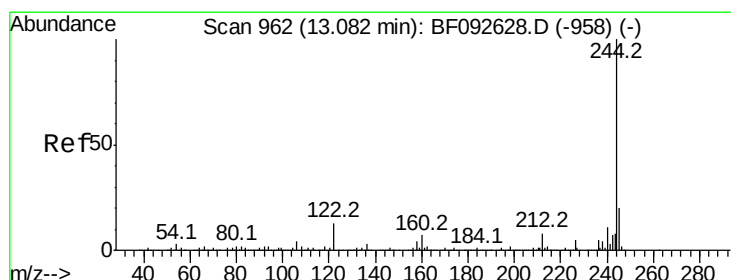
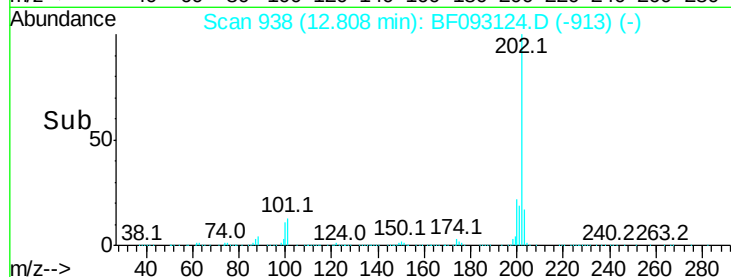
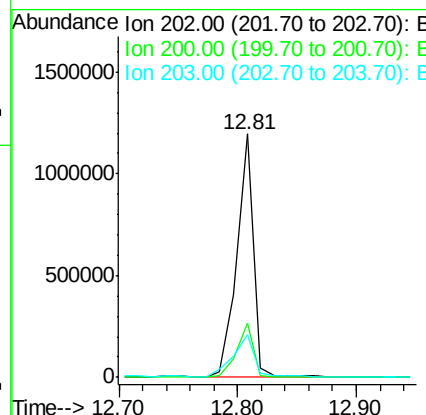
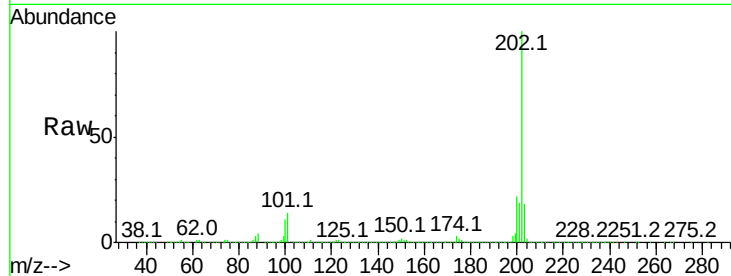
ClientSampleId :

CLP-B-01(5-10)

Tot Ion:	202	Resp:	1148981
Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.7	26.5
203	17.6	14.7	22.1

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#78

Terphenyl-d14

Concen: 53.21 ng

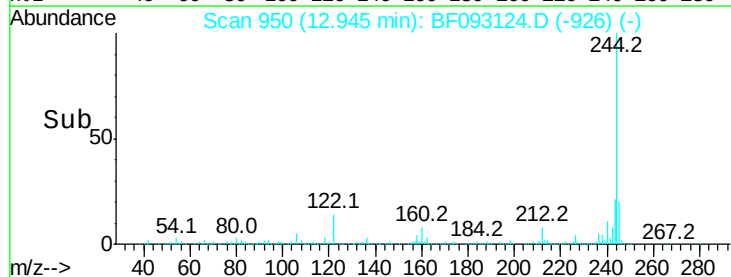
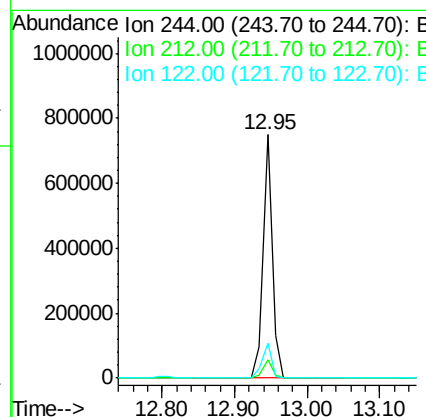
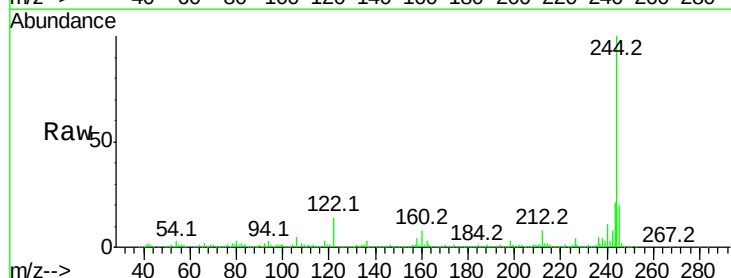
RT: 12.95 min Scan# 950

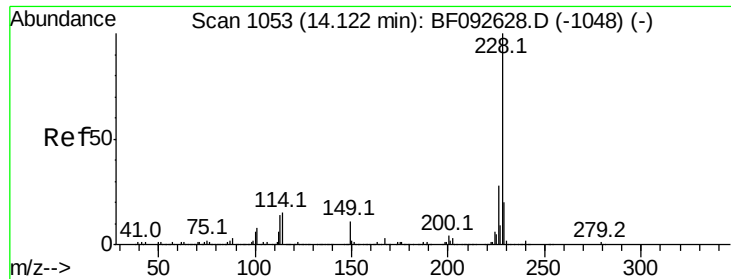
Delta R.T. -0.02 min

Lab File: BF093124.D

Acq: 24 Feb 2017 00:29

Tgt Ion:	244	Resp:	678476
Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	14.3	11.4	17.2





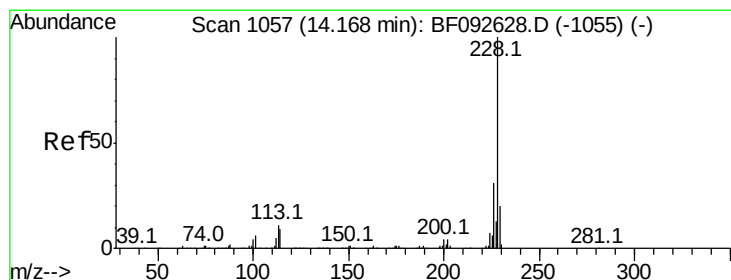
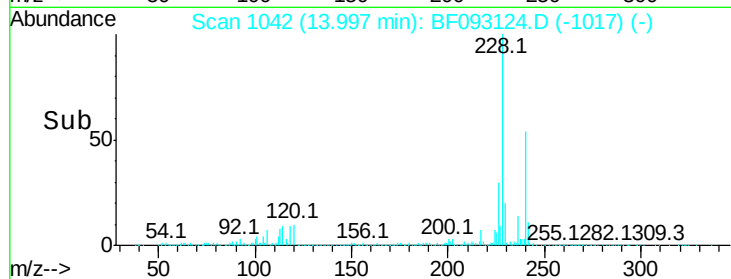
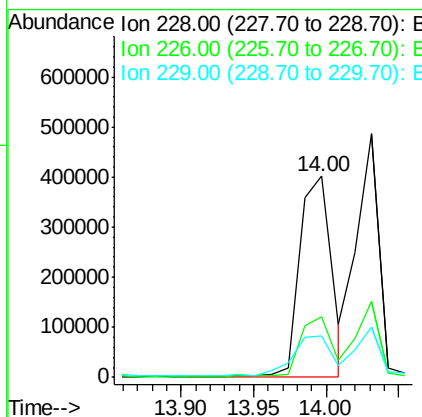
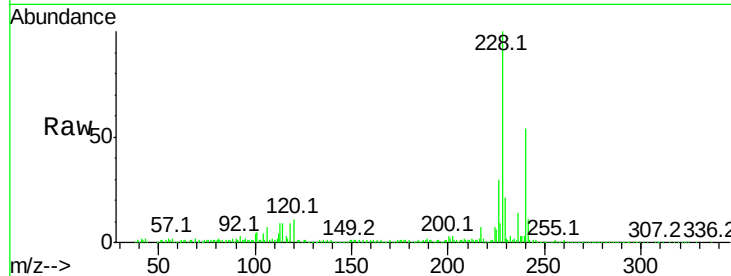
#80
Benzo(a)anthracene
Concen: 33.12 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF093124.D
Acq: 24 Feb 2017 00:29

Instrument :
BNA_F
ClientSampleId :
CLP-B-01(5-10)

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.4	33.6
229	20.6	16.2	24.4

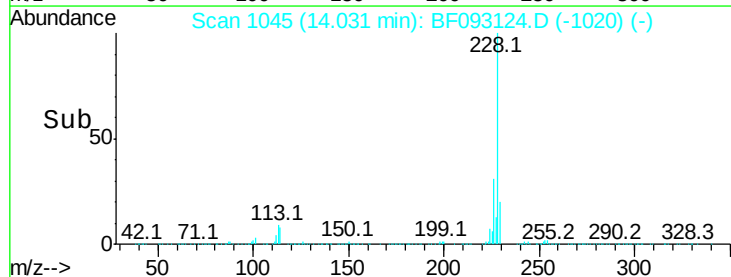
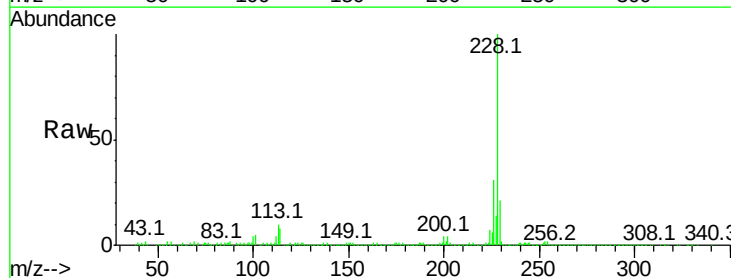
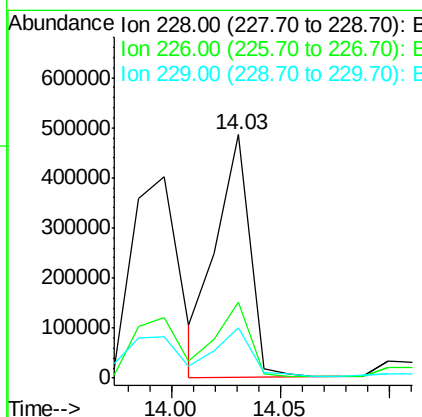
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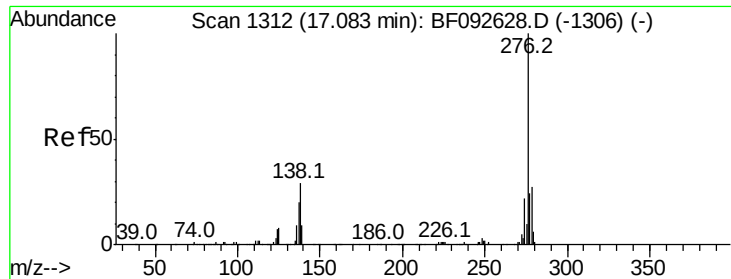
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#82
Chrysene
Concen: 30.21 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF093124.D
Acq: 24 Feb 2017 00:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.4	38.0
229	20.8	16.2	24.2





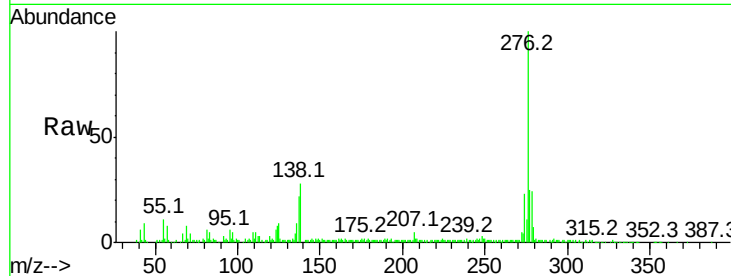
#85
Indeno(1,2,3-cd)pyrene
Concen: 13.67 ng
RT: 16.83 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF093124.D
Acq: 24 Feb 2017 00:29

Instrument :
BNA_F
ClientSampleId :
CLP-B-01(5-10)

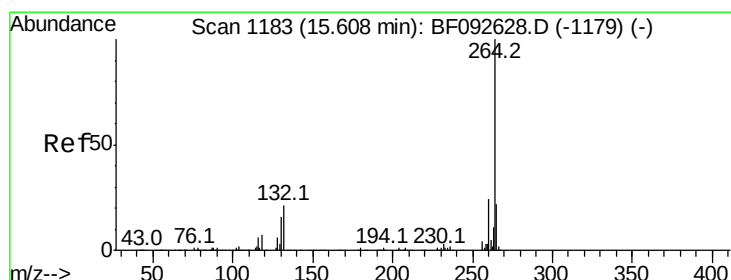
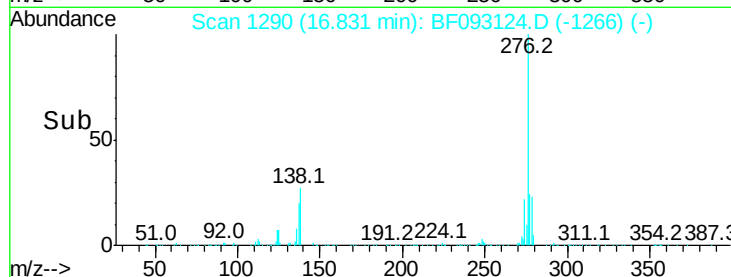
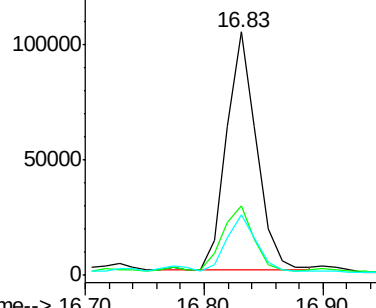
Tot Ion	Ratio	Resp	Lower	Upper
276	100	181652		
138	30.7		21.8	32.6
277	24.4		20.2	30.4

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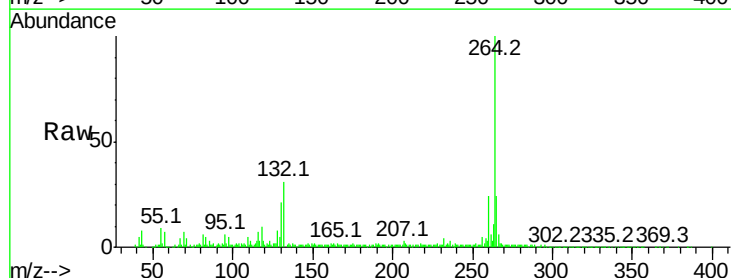


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

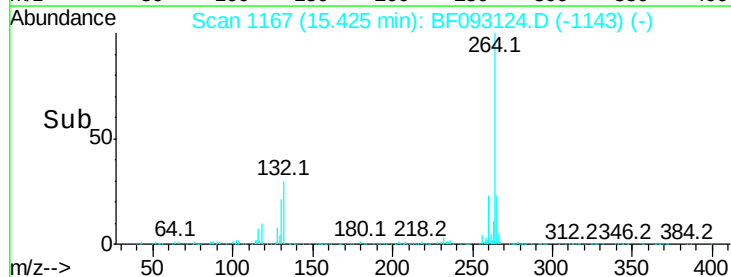
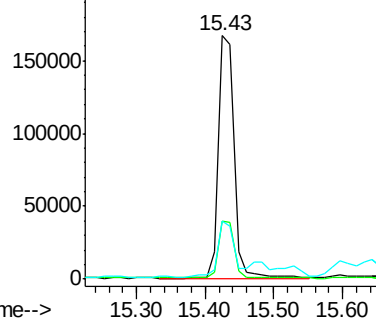


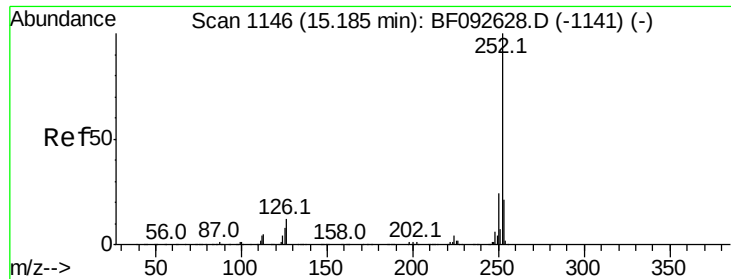
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF093124.D
Acq: 24 Feb 2017 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	263403		
260	24.1		19.2	28.8
265	23.8		17.4	26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





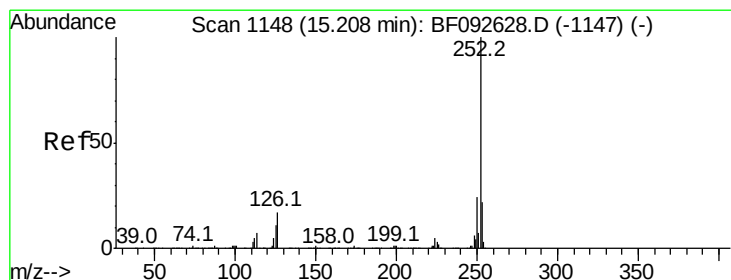
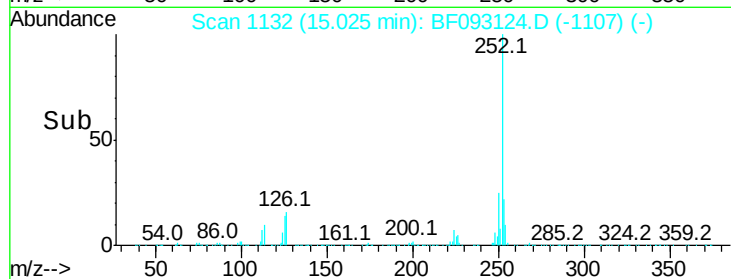
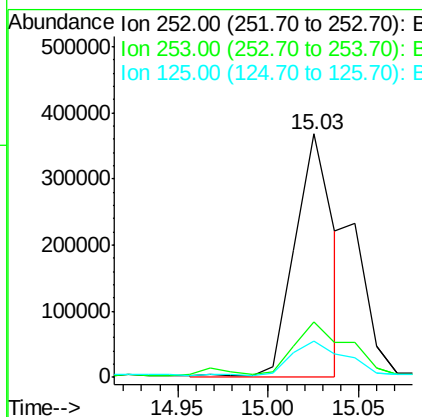
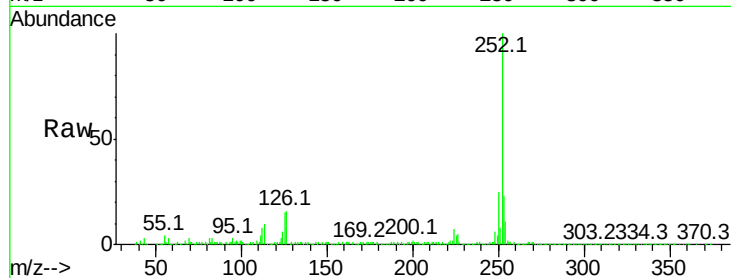
#87
Benzo(b)fluoranthene
Concen: 31.90 ng m
RT: 15.03 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF093124.D
Acq: 24 Feb 2017 00:29

Instrument :
BNA_F
ClientSampleId :
CLP-B-01(5-10)

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	14.7	9.8	14.6

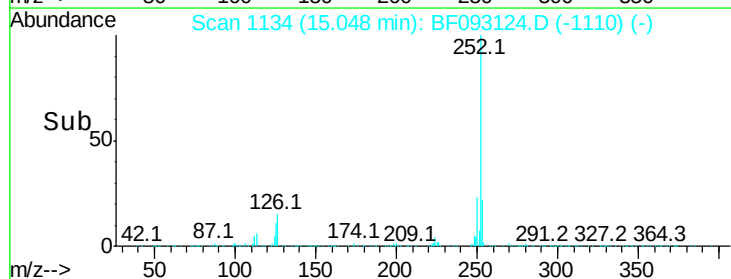
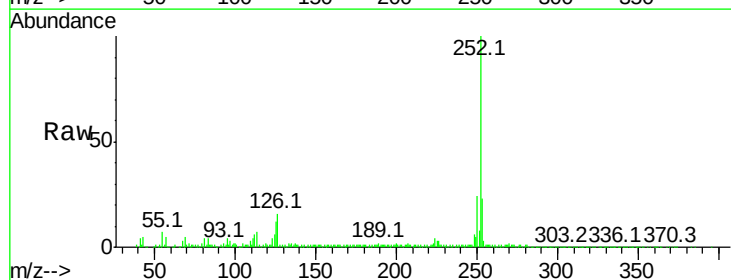
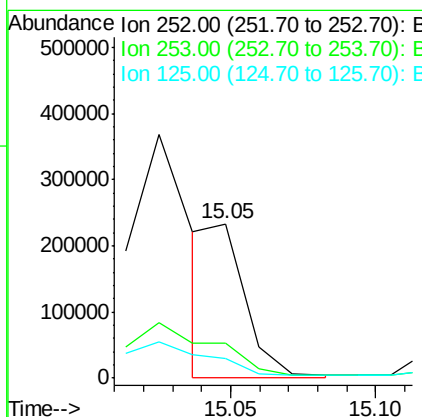
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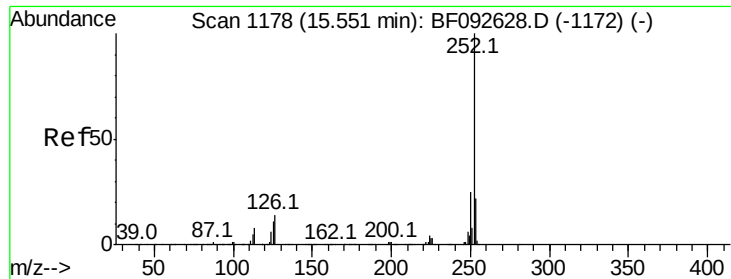
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#88
Benzo(k)fluoranthene
Concen: 13.46 ng m
RT: 15.05 min Scan# 1134
Delta R.T. -0.02 min
Lab File: BF093124.D
Acq: 24 Feb 2017 00:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.5	27.7
125	12.3	8.9	13.3





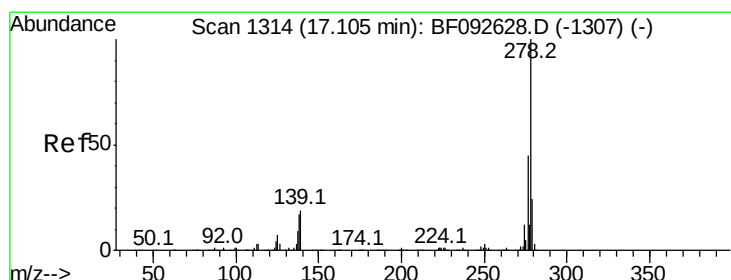
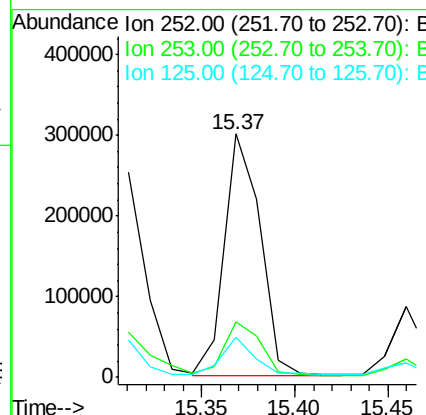
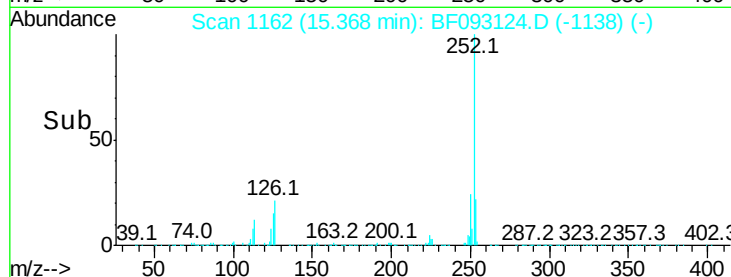
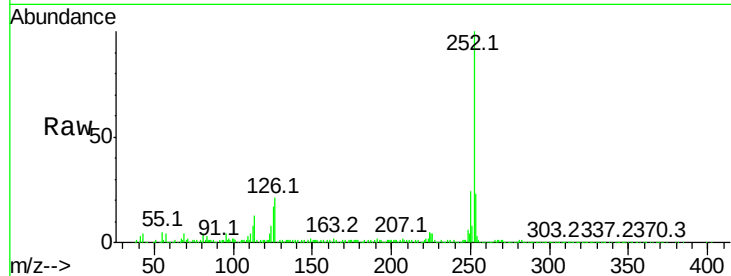
#89
Benzo(a)pyrene
Concen: 26.96 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF093124.D
Acq: 24 Feb 2017 00:29

Instrument :
BNA_F
ClientSampleId :
CLP-B-01(5-10)

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.9	18.2	27.2
125	16.6	10.0	15.0#

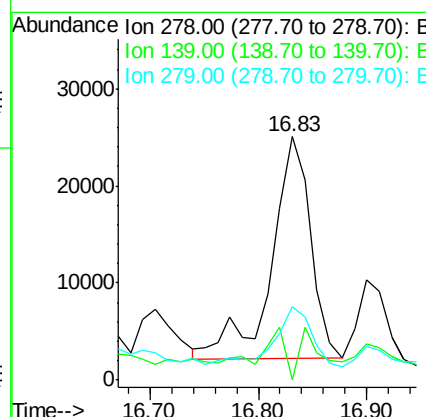
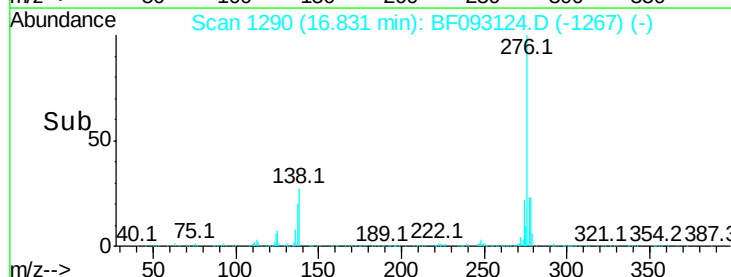
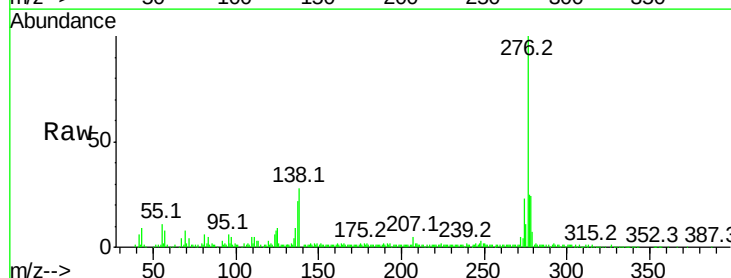
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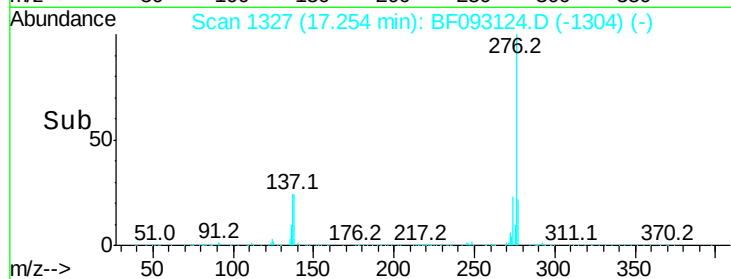
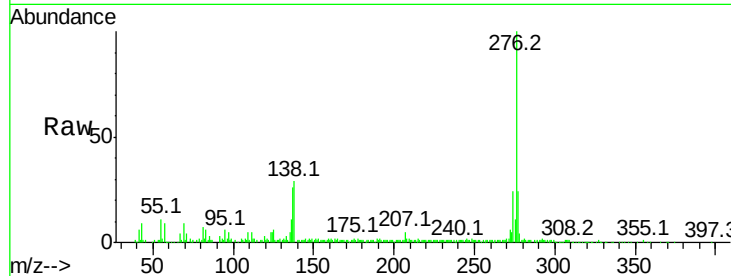
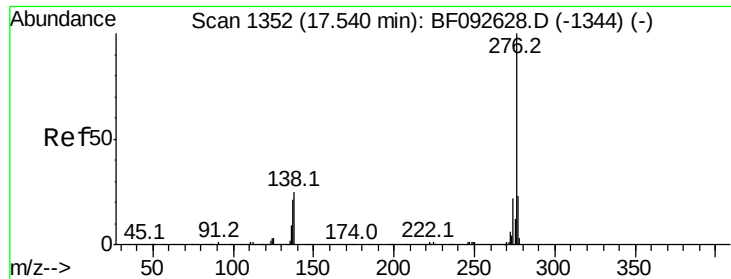
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#90
Dibenzo(a,h)anthracene
Concen: 4.72 ng
RT: 16.83 min Scan# 1290
Delta R.T. -0.03 min
Lab File: BF093124.D
Acq: 24 Feb 2017 00:29

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	0.0	14.8	22.2#
279	29.9	19.8	29.6#





#91
 Benzo(a,h,i)perylene
 Concen: 15.19 ng
 RT: 17.25 min Scan# 1327
 Delta R.T. -0.03 min
 Lab File: BF093124.D
 Acq: 24 Feb 2017 00:29

Instrument :
 BNA_F
 ClientSampleId :
 CLP-B-01(5-10)

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.8	19.2	28.8
138	28.6	16.0	24.0

Manual Integrations
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