

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
 Data File : BF091638.D
 Acq On : 15 Dec 2016 19:47
 Operator : UM/SJ
 Sample : H6057-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6

Manual Integrations
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Quant Time: Dec 16 01:01:41 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 00:35:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	328536	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	1225057	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	647013	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	887139	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	645006	20.00	ng	0.00
86) Perylene-d12	15.35	264	616917	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	2793963	143.28	ng	0.02
7) Phenol-d6	6.43	99	3016617	124.08	ng	0.00
23) Nitrobenzene-d5	7.36	82	2376780	108.28	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	618302	115.05	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	2914258	77.83	ng	0.00
78) Terphenyl-d14	12.89	244	2322980	81.72	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.44	94	190041	6.69	ng	86
31) Naphthalene	8.09	128	151248	2.65	ng	98
49) Dimethylphthalate	9.54	163	241284	5.89	ng	# 99
70) Phenanthrene	11.32	178	455446	10.37	ng	99
71) Anthracene	11.38	178	126524	2.67	ng	96
74) Fluoranthene	12.51	202	552031	12.00	ng	96
77) Pyrene	12.74	202	537554	10.50	ng	98
80) Benzo(a)anthracene	13.93	228	237385	6.34	ng	99
82) Chrysene	13.96	228	210762m	5.38	ng	
85) Indeno(1,2,3-cd)pyrene	16.69	276	105925	3.00	ng	98
87) Benzo(b)fluoranthene	14.95	252	253957m	6.91	ng	
88) Benzo(k)fluoranthene	14.96	252	104615m	3.24	ng	
89) Benzo(a)pyrene	15.29	252	211955	6.40	ng	97
91) Benzo(a,h,i)perylene	17.09	276	104871	3.47	ng	# 89

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

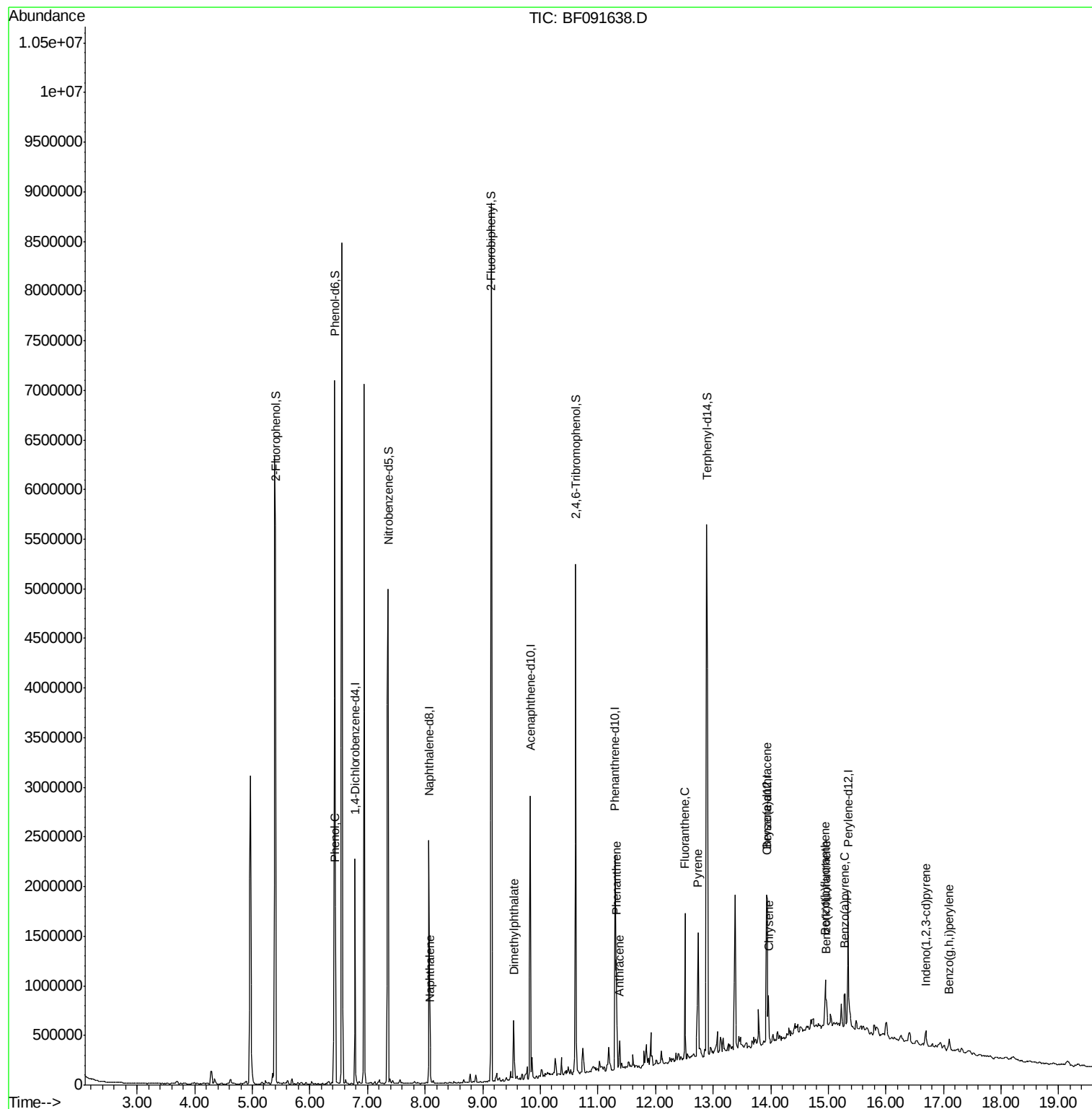
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
Data File : BF091638.D
Acq On : 15 Dec 2016 19:47
Operator : UM/SJ
Sample : H6057-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

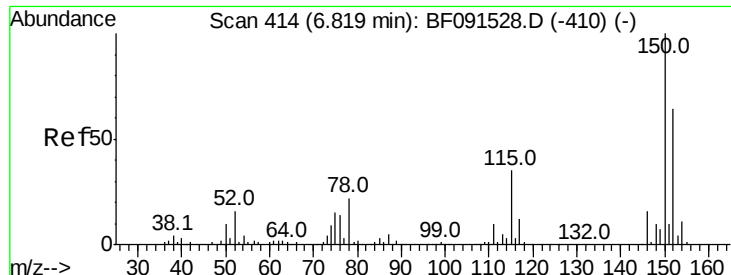
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

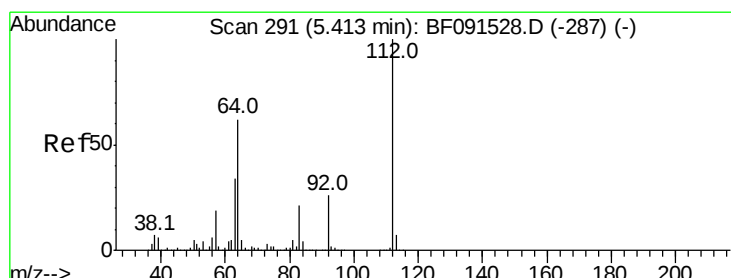
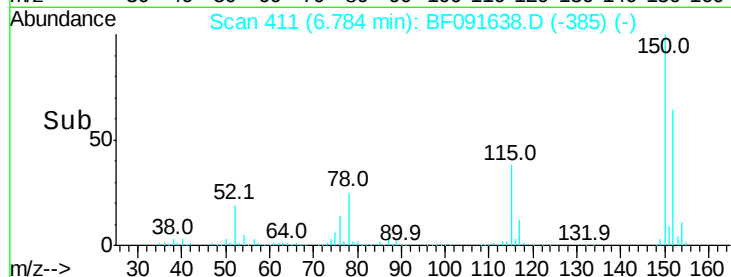
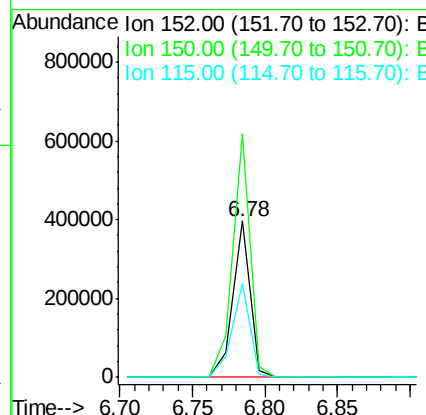
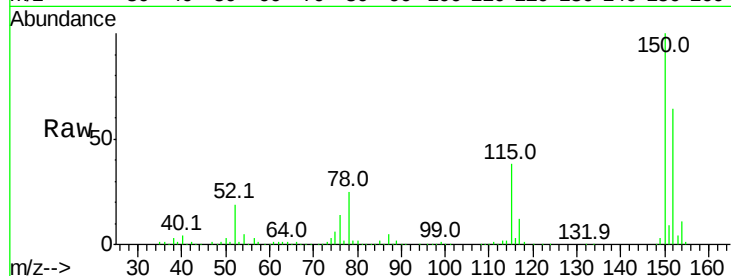
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF091638.D
Acq: 15 Dec 2016 19:47

Instrument :
BNA_F
ClientSampleId :
TP20-COMP6

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	122.5	183.7
115	59.7	51.8	77.8

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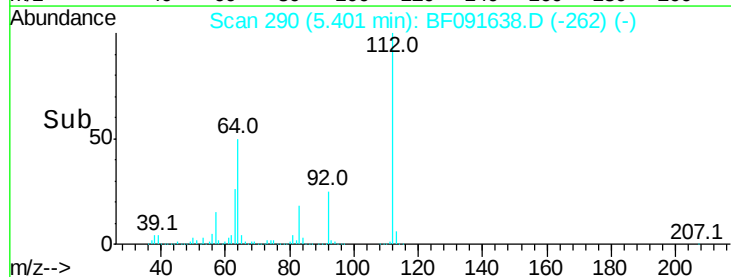
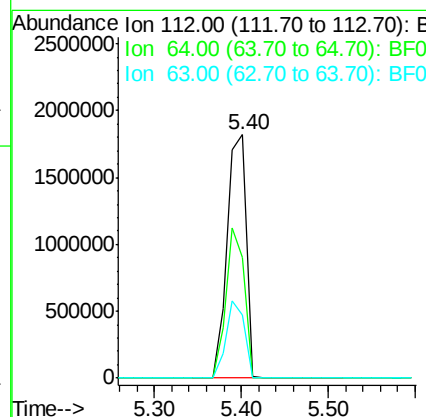
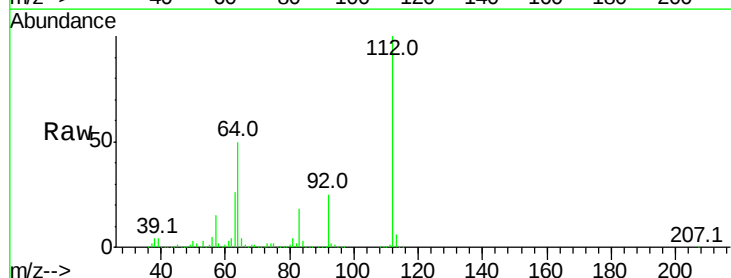
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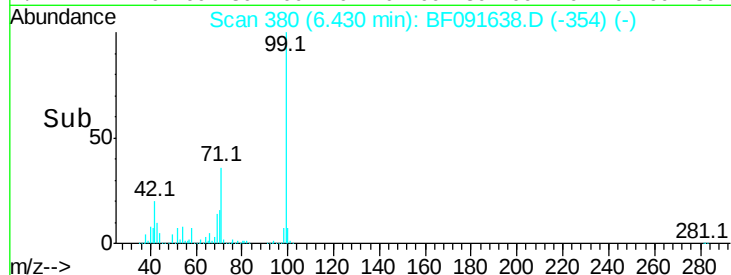
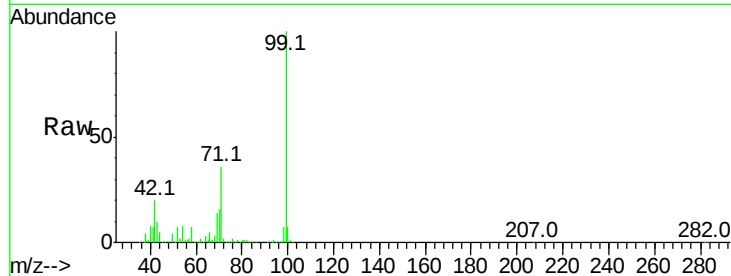
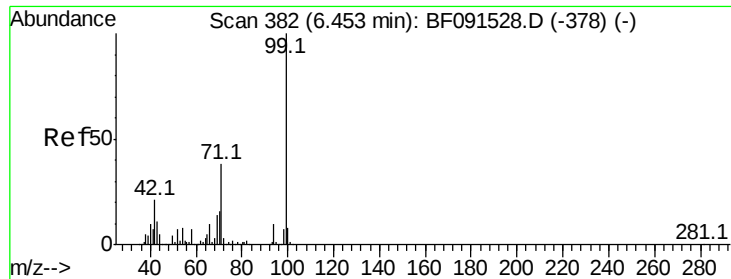


#5

2-Fluorophenol
Concen: 143.28 ng
RT: 5.40 min Scan# 290
Delta R.T. 0.02 min
Lab File: BF091638.D
Acq: 15 Dec 2016 19:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.8	61.5	92.3#
63	26.0	33.3	49.9#





#7

Phenol-d6

Concen: 124.08 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091638.D

Acq: 15 Dec 2016 19:47

Tot Ion	99	Resp	3016617
Ion	Ratio	Lower	Upper
99	100		
42	20.1	20.6	31.0#
71	35.8	29.9	44.9

Instrument :

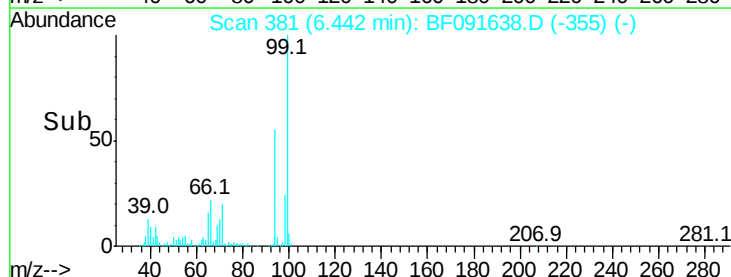
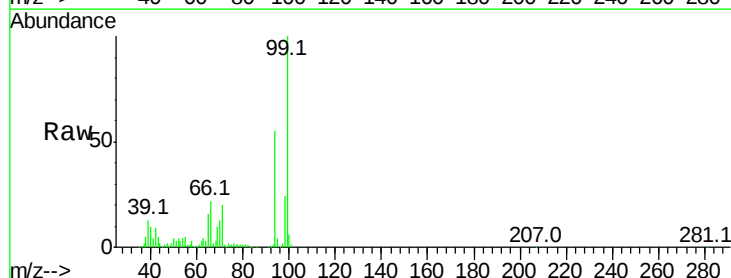
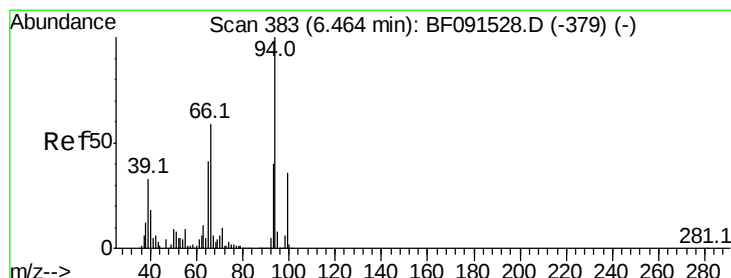
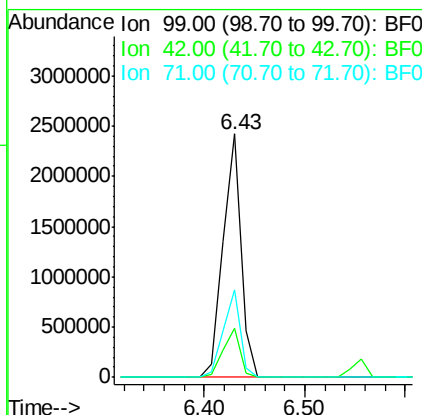
BNA_F

ClientSampleId :

TP20-COMP6

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#10

Phenol

Concen: 6.69 ng

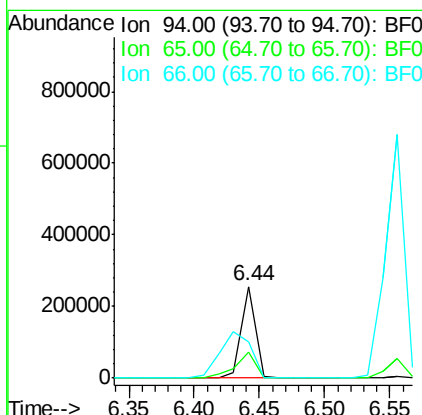
RT: 6.44 min Scan# 381

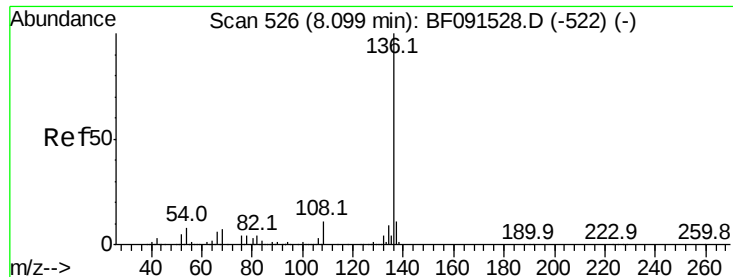
Delta R.T. 0.00 min

Lab File: BF091638.D

Acq: 15 Dec 2016 19:47

Tgt Ion	94	Resp	190041
Ion	Ratio	Lower	Upper
94	100		
65	28.7	16.9	56.9
66	40.3	30.6	70.6





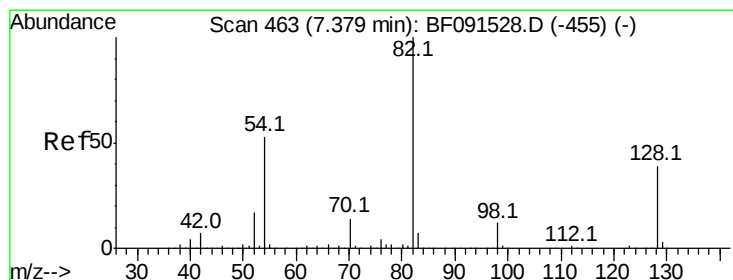
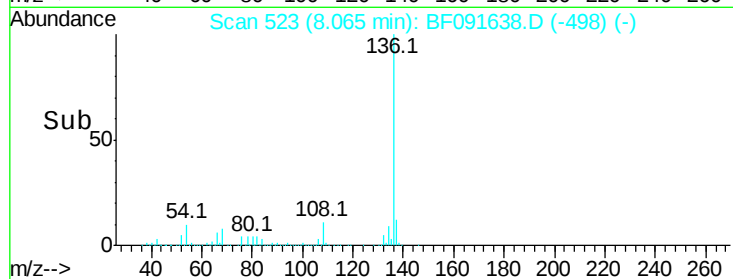
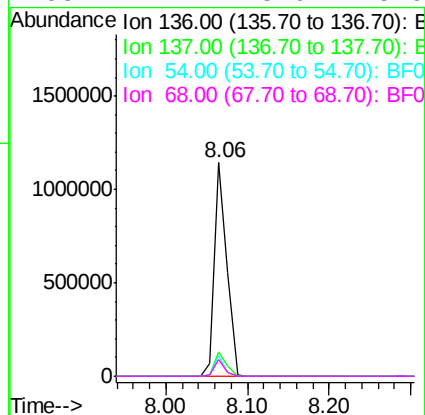
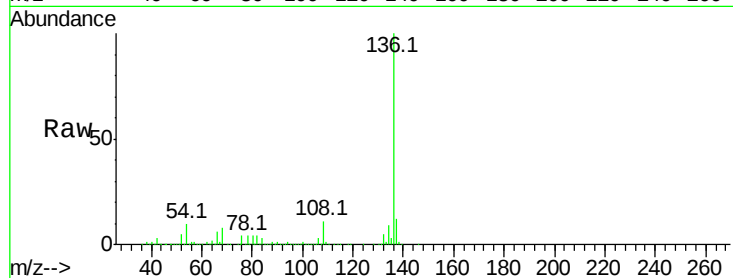
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF091638.D
Acq: 15 Dec 2016 19:47

Instrument :
BNA_F
ClientSampleId :
TP20-COMP6

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	9.7	9.1	13.7
68	7.7	5.9	8.9

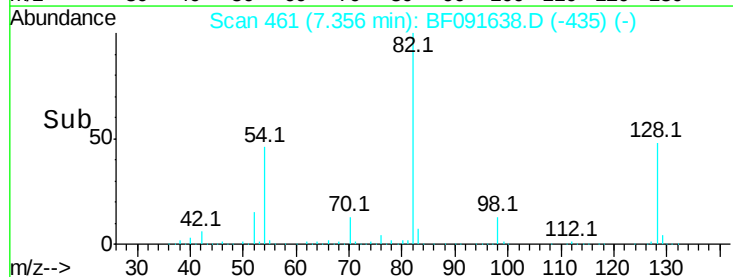
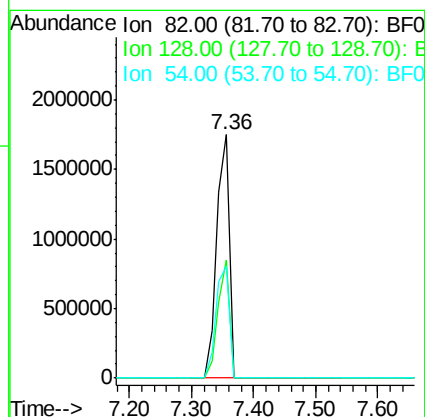
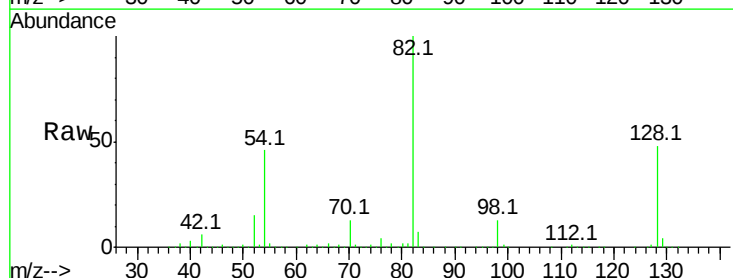
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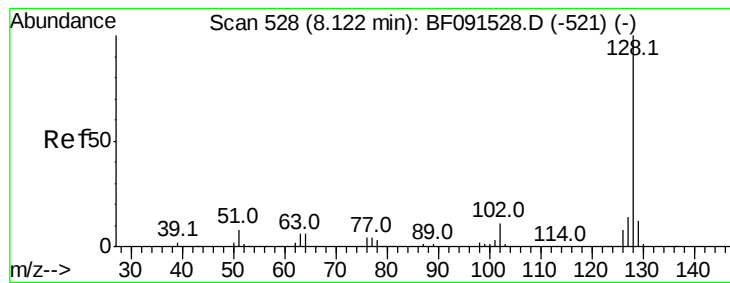
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#23
Nitrobenzene-d5
Concen: 108.28 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF091638.D
Acq: 15 Dec 2016 19:47

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.4	31.8	47.6#
54	45.7	49.1	73.7#





#31

Naphthalene

Concen: 2.65 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF091638.D

Acq: 15 Dec 2016 19:47

Instrument :

BNA_F

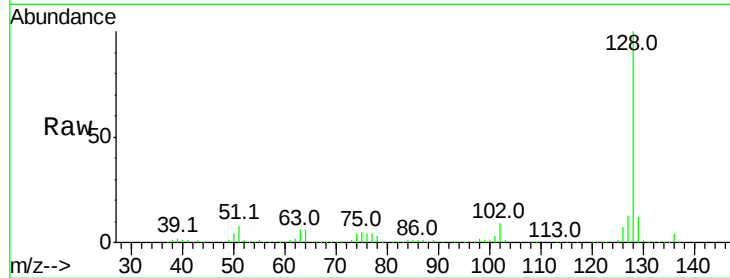
ClientSampleId :

TP20-COMP6

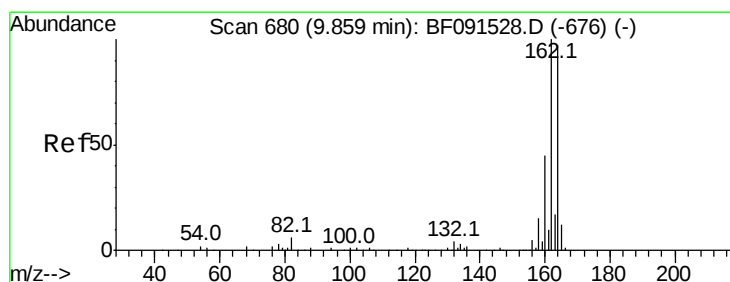
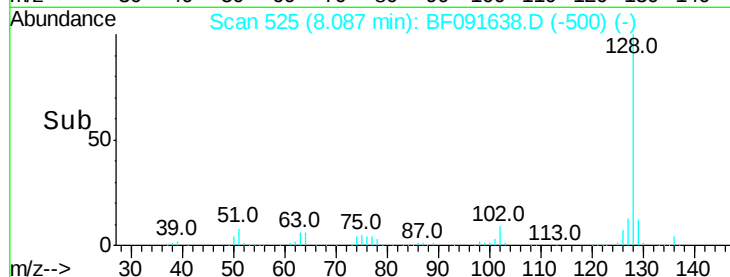
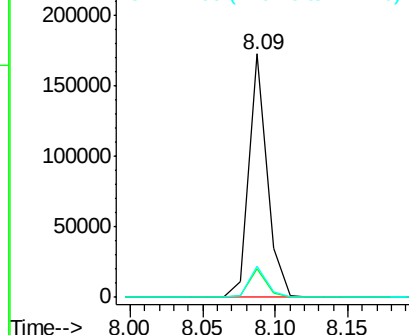
Tot Ion:128	Resp:	151248
Ion Ratio	Lower	Upper
128	100	
129	11.8	9.1 13.7
127	12.7	11.0 16.4

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

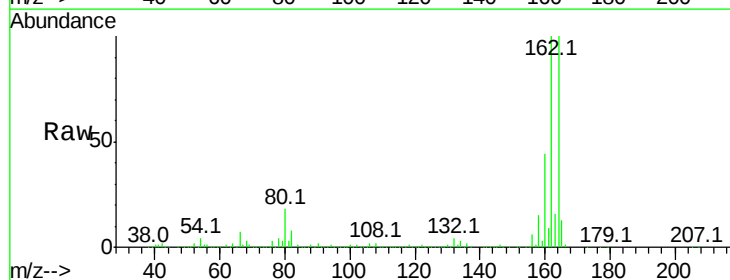
RT: 9.82 min Scan# 677

Delta R.T. 0.00 min

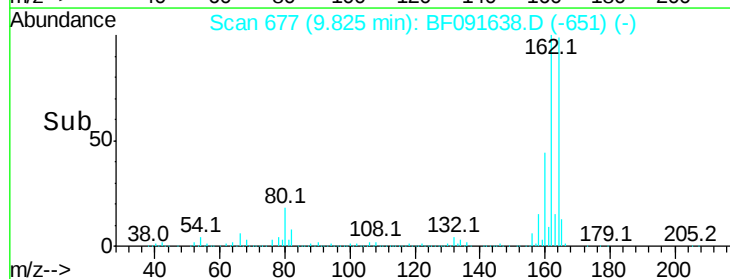
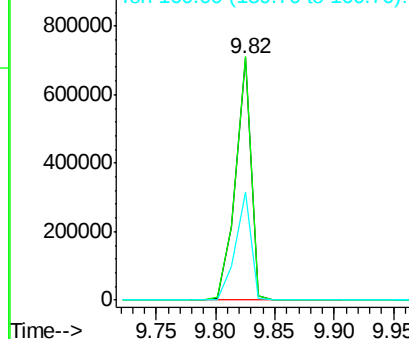
Lab File: BF091638.D

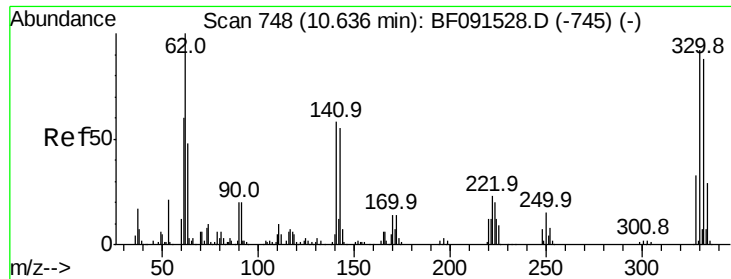
Acq: 15 Dec 2016 19:47

Tgt Ion:164	Resp:	647013
Ion Ratio	Lower	Upper
164	100	
162	100.5	82.6 124.0
160	44.5	36.7 55.1



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





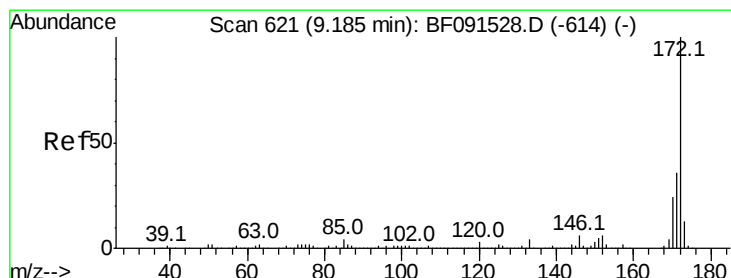
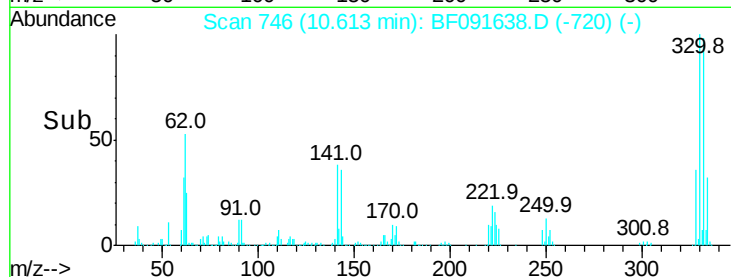
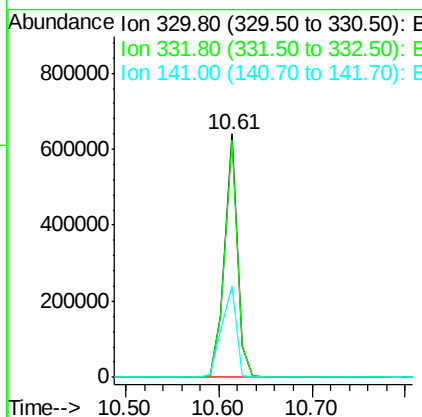
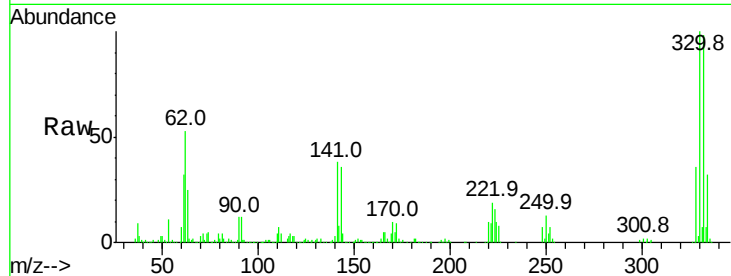
#41
 2,4,6-Tribromophenol
 Concen: 115.05 ng
 RT: 10.61 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF091638.D
 Acq: 15 Dec 2016 19:47

Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.8	76.2	114.4	
141	42.0	33.6	50.4	

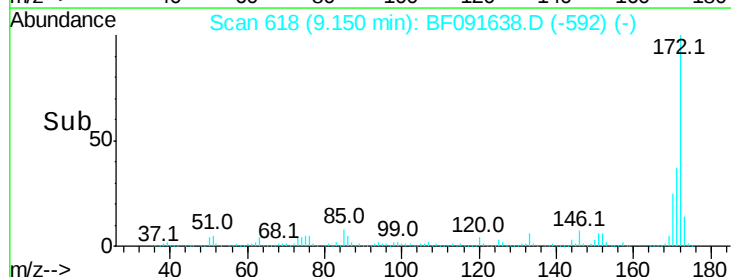
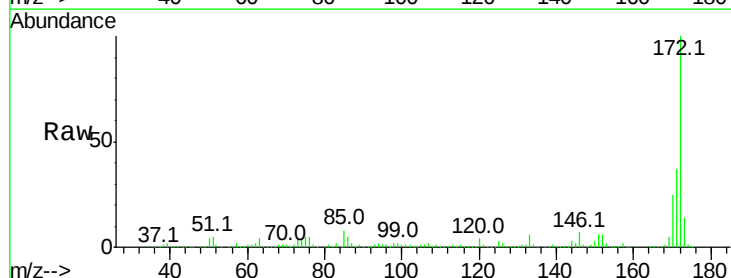
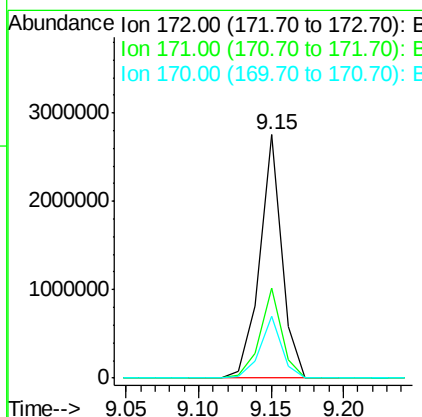
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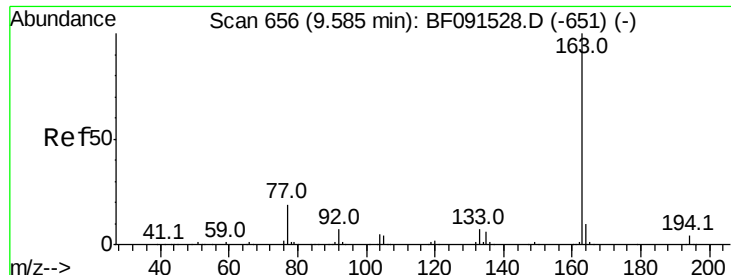
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#44
 2-Fluorobiphenyl
 Concen: 77.83 ng
 RT: 9.15 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF091638.D
 Acq: 15 Dec 2016 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.9	29.4	44.0	
170	25.4	19.7	29.5	





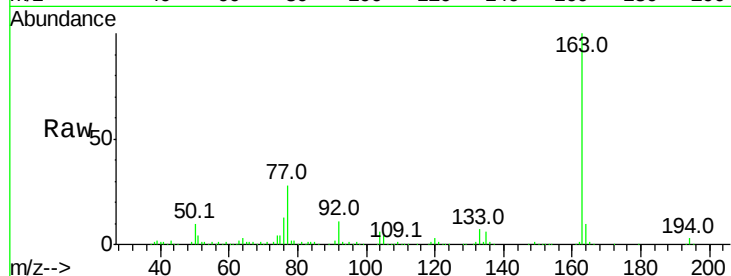
#49
Dimethylphthalate
Concen: 5.89 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF091638.D
Acq: 15 Dec 2016 19:47

Instrument :
BNA_F
ClientSampleId :
TP20-COMP6

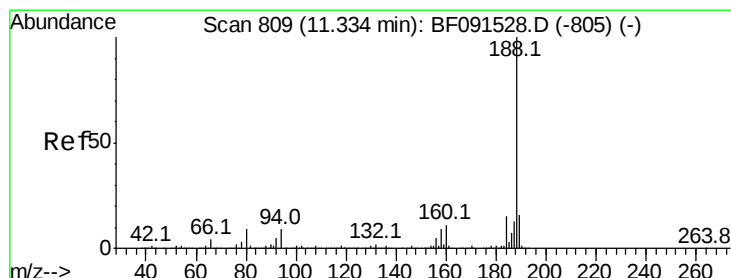
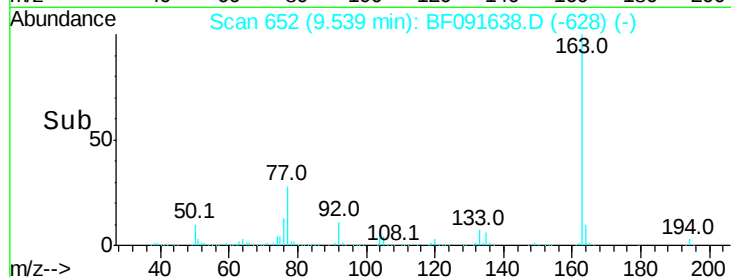
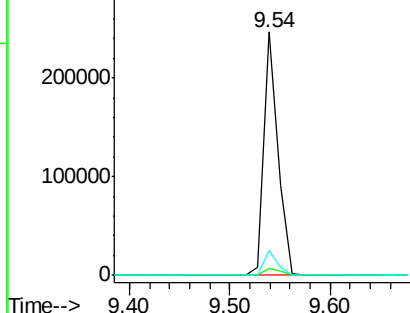
Tot Ion	Ratio	Lower	Upper
163	100		
194	2.8	3.0	4.4#
164	10.2	7.8	11.8

Manual Integrations
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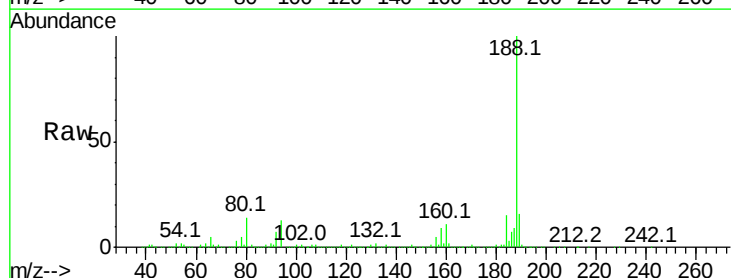


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

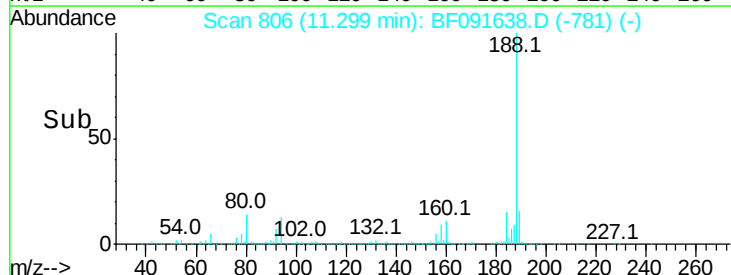
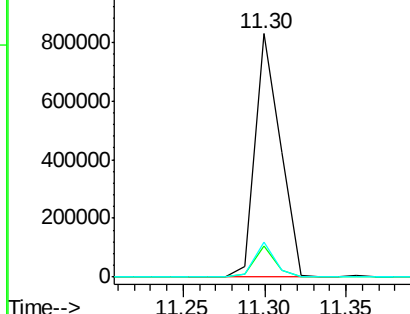


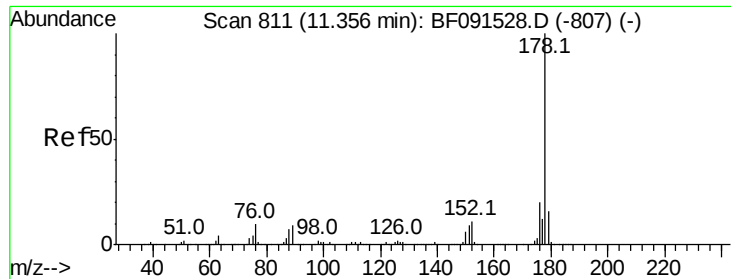
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF091638.D
Acq: 15 Dec 2016 19:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.0	9.2	13.8
80	14.4	10.5	15.7



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





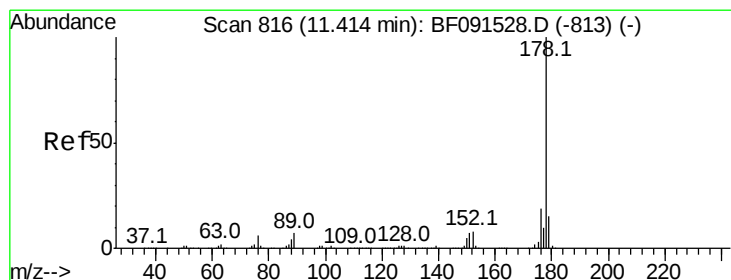
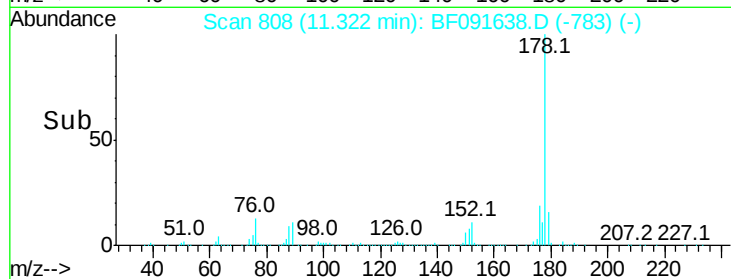
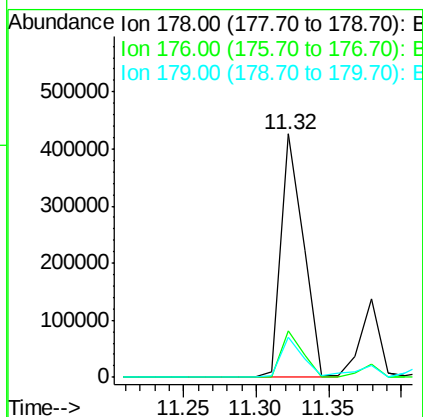
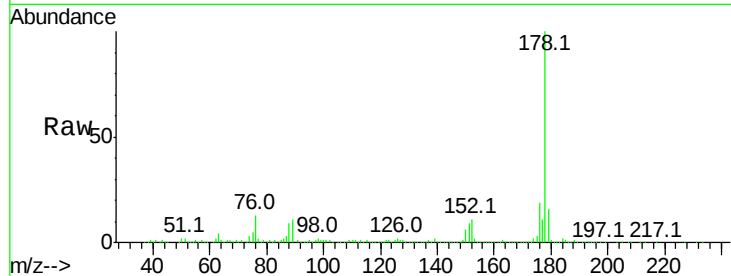
#70
Phenanthrene
Concen: 10.37 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF091638.D
Acq: 15 Dec 2016 19:47

Instrument :
BNA_F
ClientSampleId :
TP20-COMP6

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.9	23.9
179	16.3	12.6	18.8

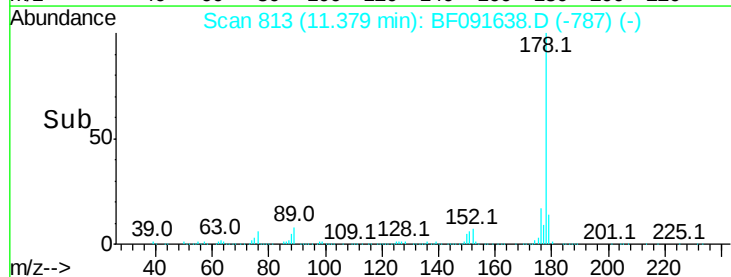
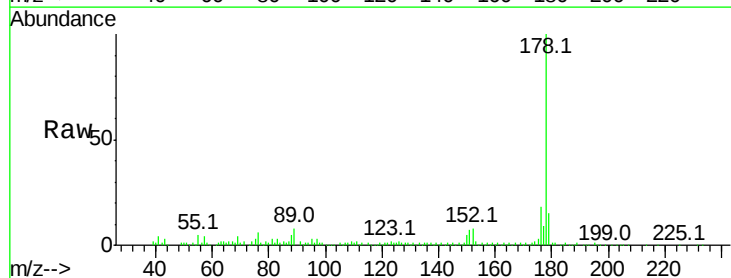
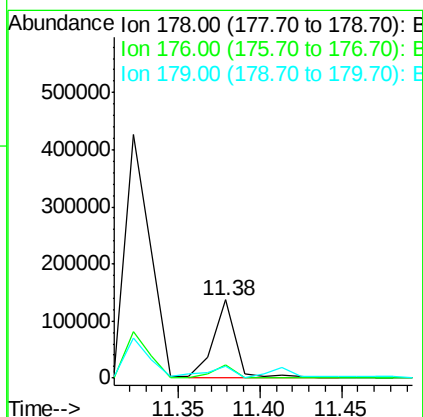
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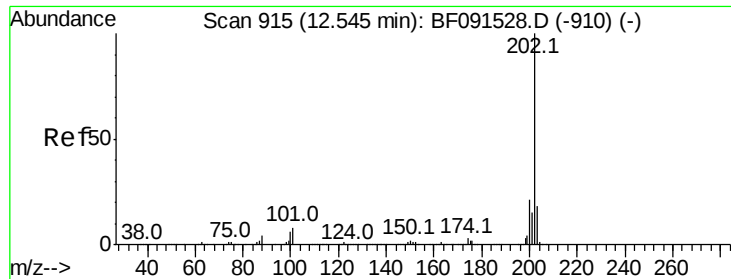
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#71
Anthracene
Concen: 2.67 ng
RT: 11.38 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF091638.D
Acq: 15 Dec 2016 19:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.8	23.6
179	14.8	12.7	19.1





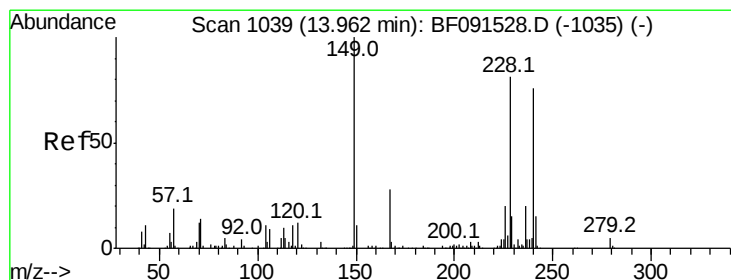
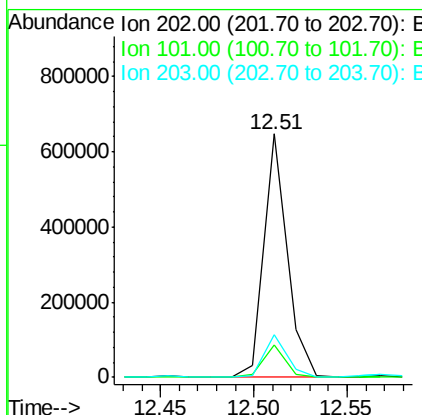
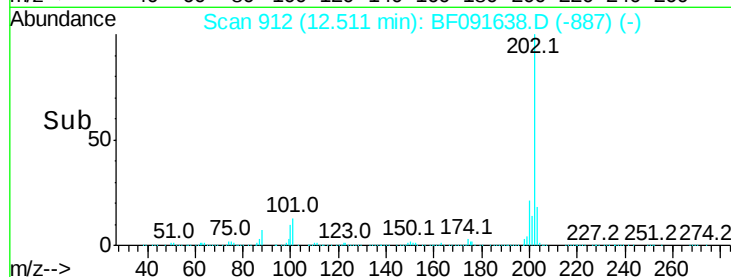
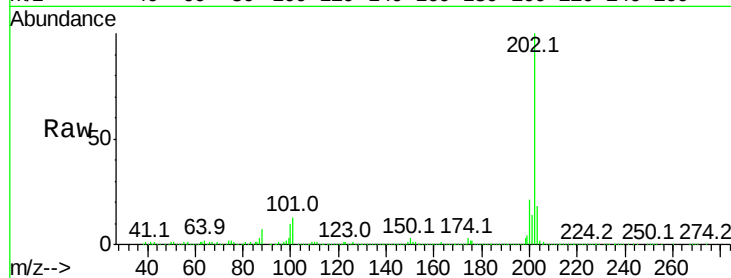
#74
 Fluoranthene
 Concen: 12.00 ng
 RT: 12.51 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF091638.D
 Acq: 15 Dec 2016 19:47

Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.4	0.0	29.5
203	17.8	0.0	37.8

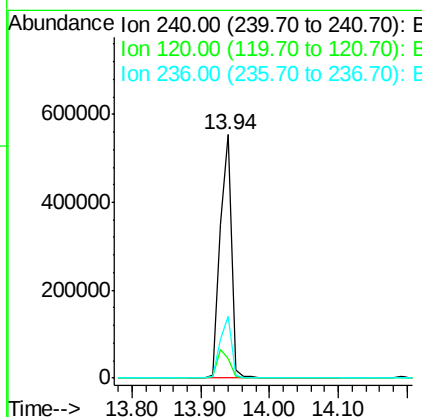
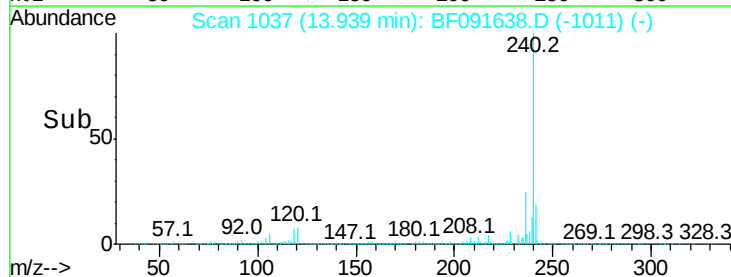
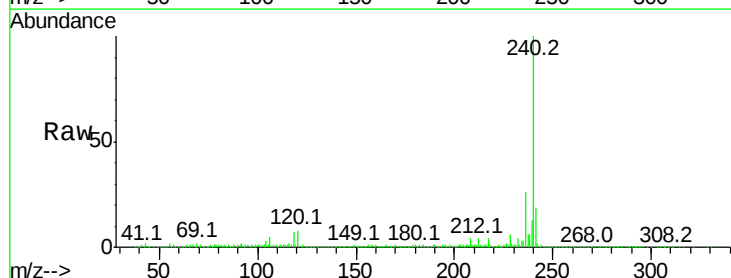
Manual Integrations
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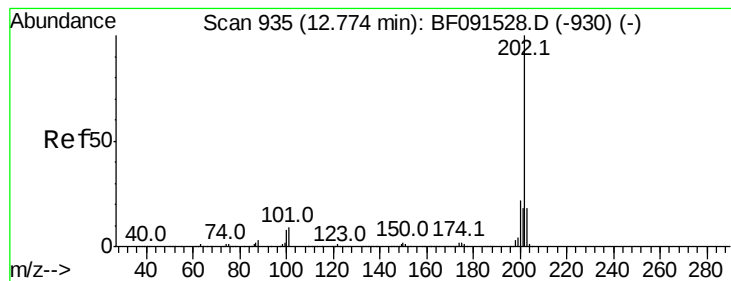
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BF091638.D
 Acq: 15 Dec 2016 19:47

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.3	12.1	18.1#
236	25.5	21.0	31.6





#77

Pvrene

Concen: 10.50 ng

RT: 12.74 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF091638.D

Acq: 15 Dec 2016 19:47

Instrument :

BNA_F

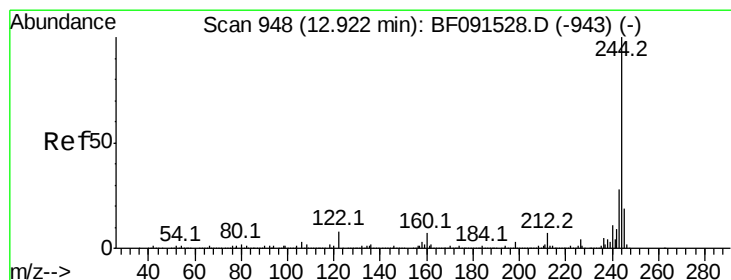
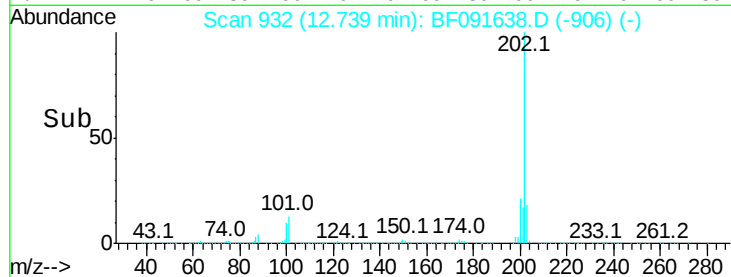
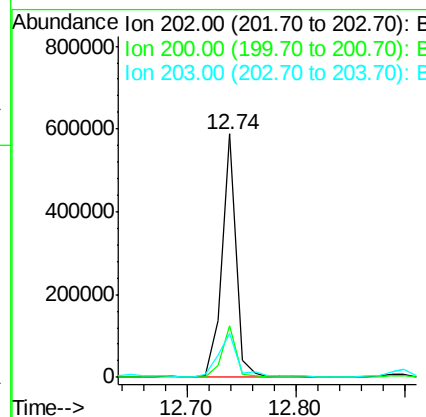
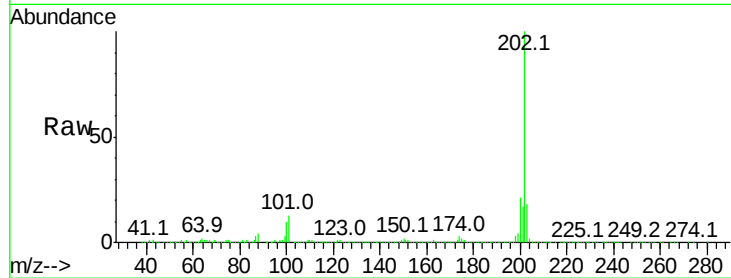
ClientSampleId :

TP20-COMP6

Tot Ion:	202	Resp:	537554
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.6	26.4
203	18.1	14.0	21.0

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#78

Terphenyl-d14

Concen: 81.72 ng

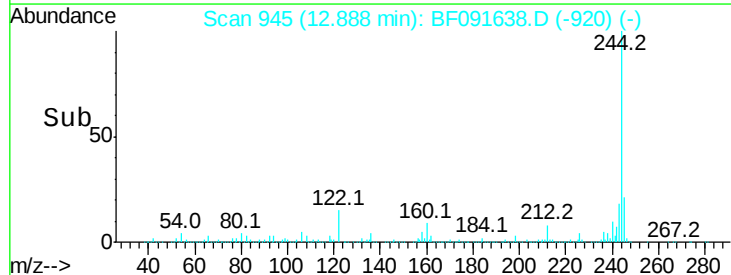
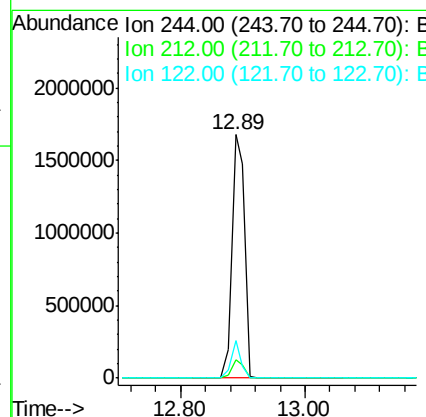
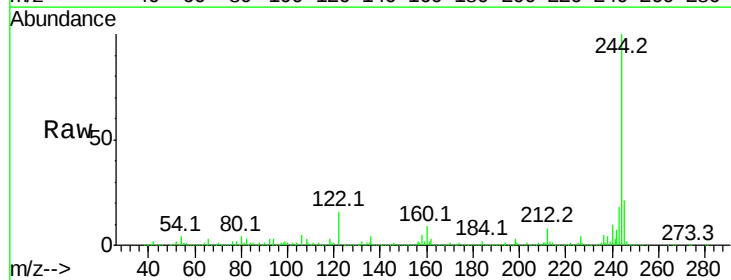
RT: 12.89 min Scan# 945

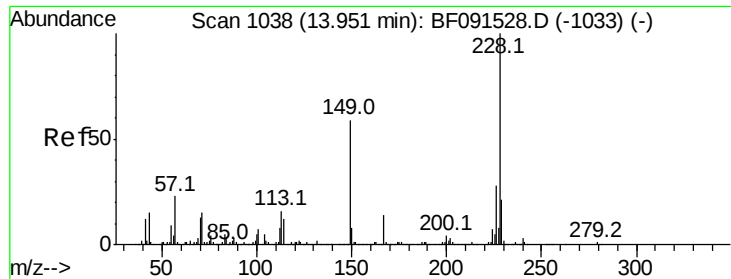
Delta R.T. -0.01 min

Lab File: BF091638.D

Acq: 15 Dec 2016 19:47

Tgt Ion:	244	Resp:	2322980
Ion Ratio	Lower	Upper	
244	100		
212	7.6	6.5	9.7
122	15.5	9.5	14.3#





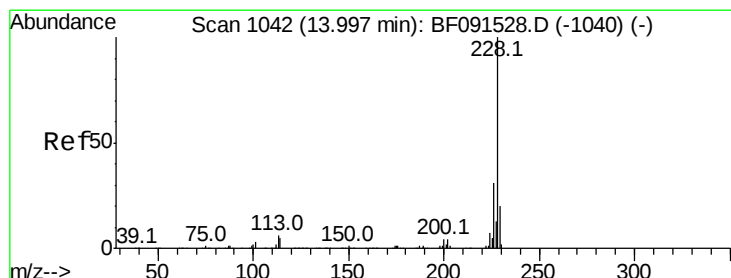
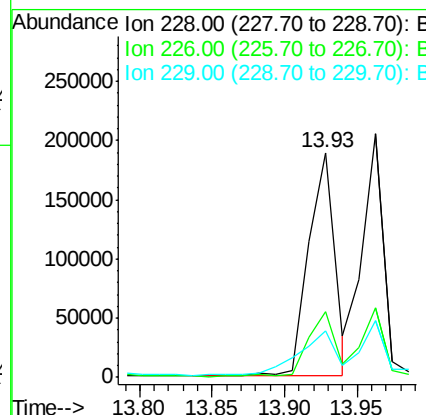
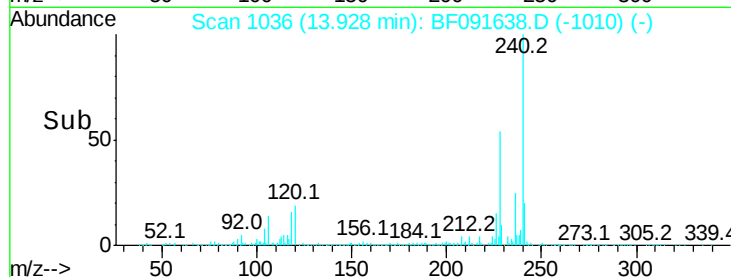
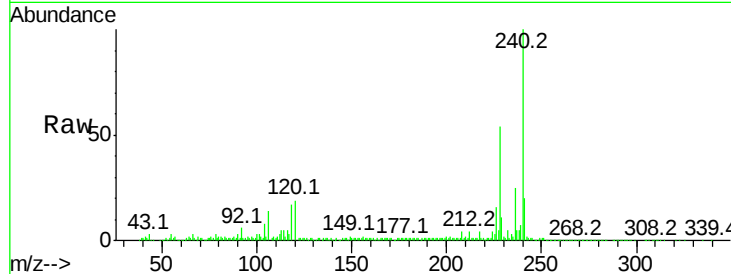
#80
Benzo(a)anthracene
Concen: 6.34 ng
RT: 13.93 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF091638.D
Acq: 15 Dec 2016 19:47

Instrument :
BNA_F
ClientSampled :
TP20-COMP6

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.5	33.7
229	20.7	16.4	24.6

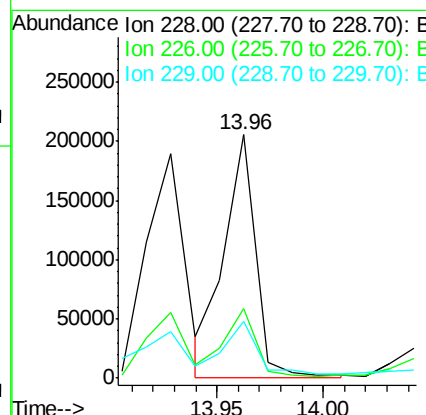
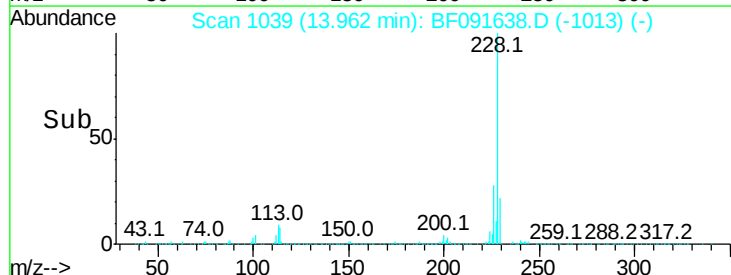
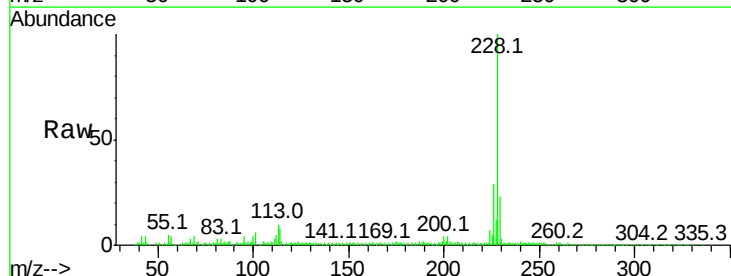
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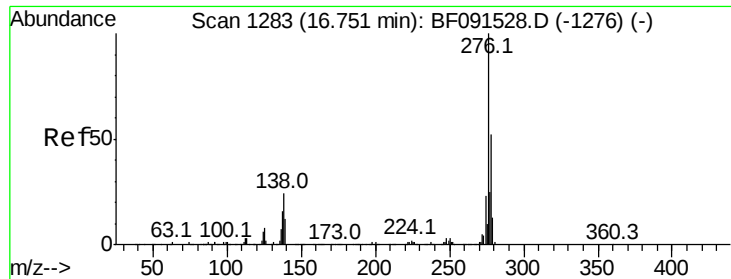
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#82
Chrysene
Concen: 5.38 ng m
RT: 13.96 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF091638.D
Acq: 15 Dec 2016 19:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	25.0	37.4
229	23.2	16.0	24.0





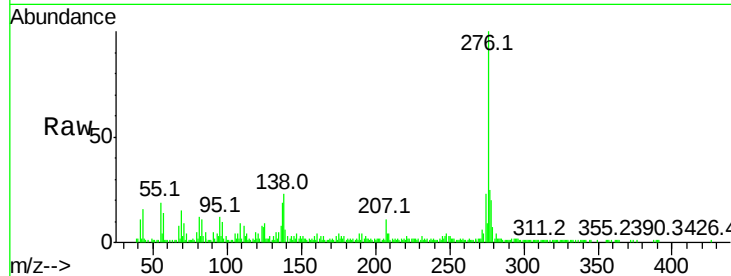
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.00 ng
RT: 16.69 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF091638.D
Acq: 15 Dec 2016 19:47

Instrument :
BNA_F
ClientSampleId :
TP20-COMP6

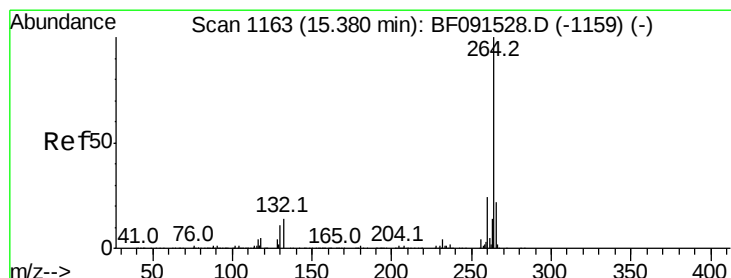
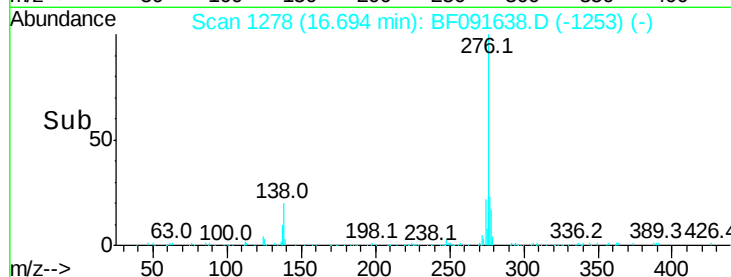
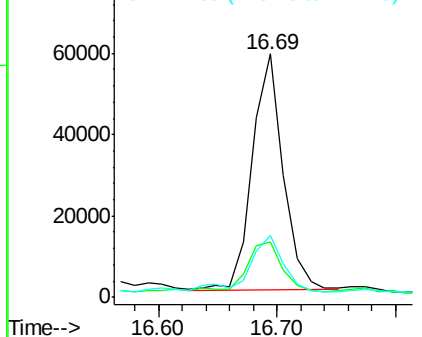
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.2	21.0	31.4
277	26.3	20.2	30.2

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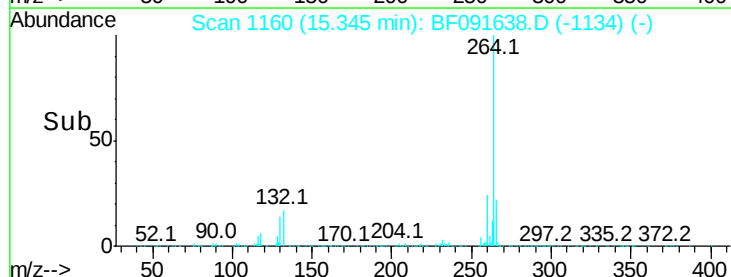
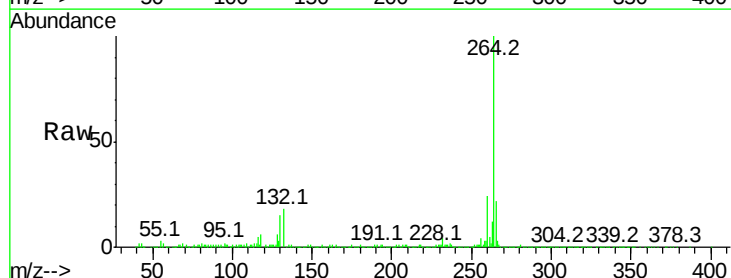
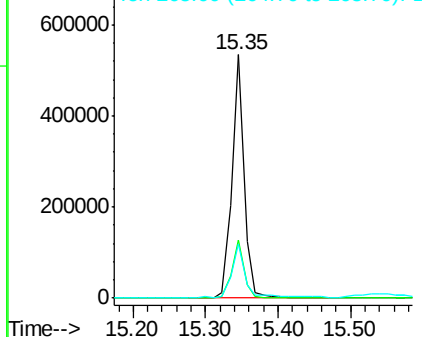
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

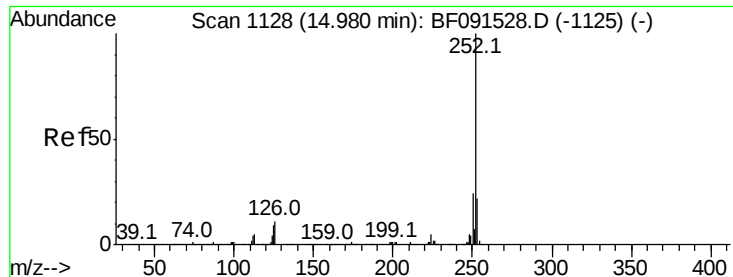


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF091638.D
Acq: 15 Dec 2016 19:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.8	28.2
265	22.3	17.0	25.6

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





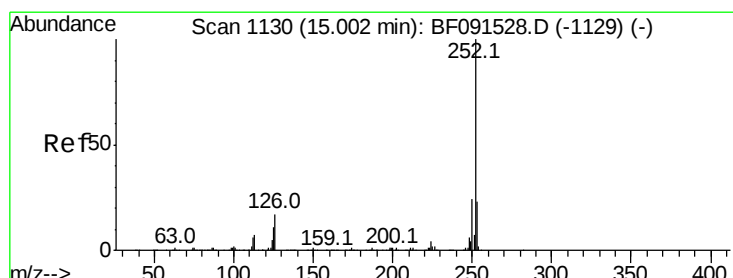
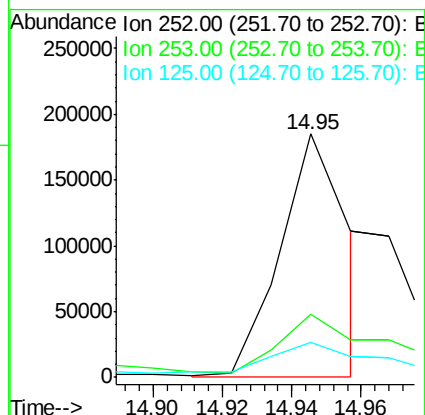
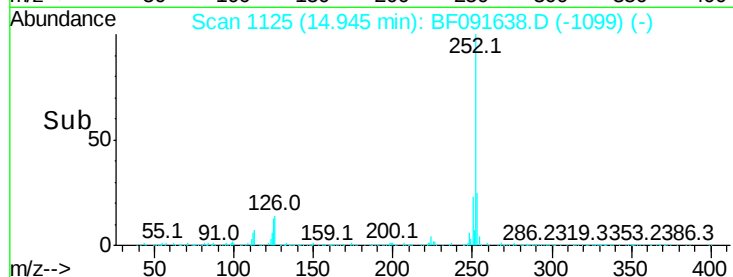
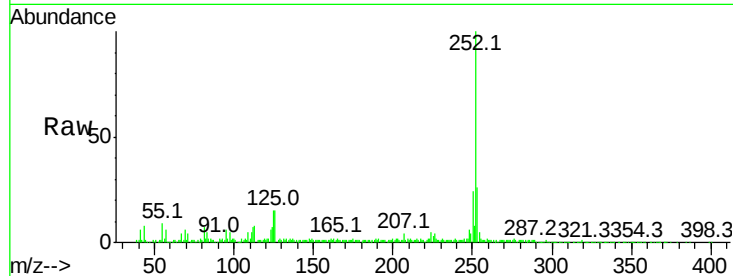
#87
Benzo(b)fluoranthene
Concen: 6.91 ng m
RT: 14.95 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF091638.D
Acq: 15 Dec 2016 19:47

Instrument :
BNA_F
ClientSampleId :
TP20-COMP6

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.1	18.2	27.2
125	14.6	8.6	13.0

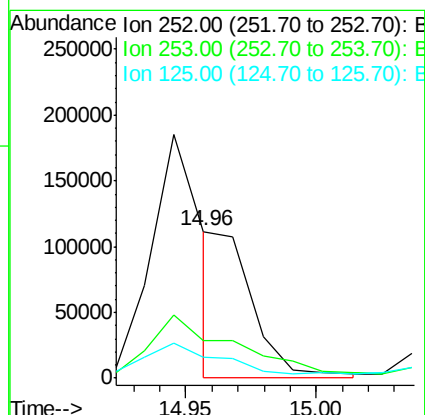
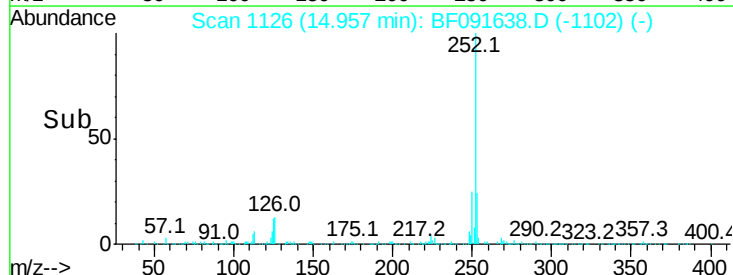
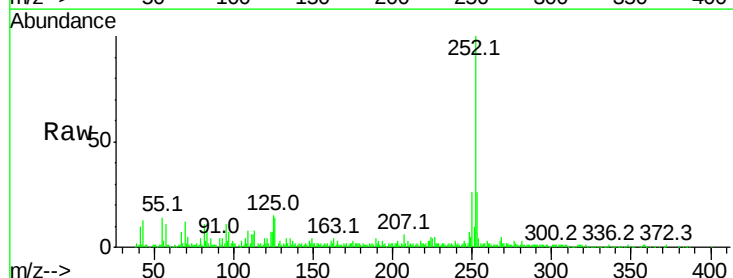
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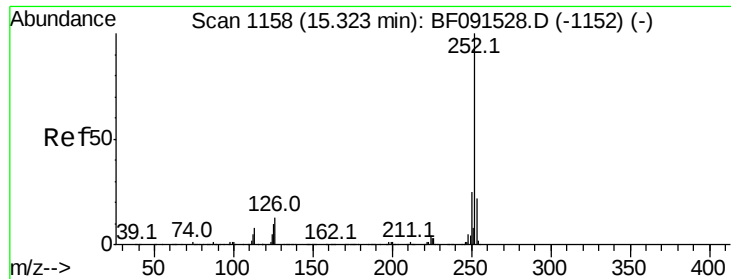
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#88
Benzo(k)fluoranthene
Concen: 3.24 ng m
RT: 14.96 min Scan# 1126
Delta R.T. -0.02 min
Lab File: BF091638.D
Acq: 15 Dec 2016 19:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.8	26.8
125	14.6	9.6	14.4





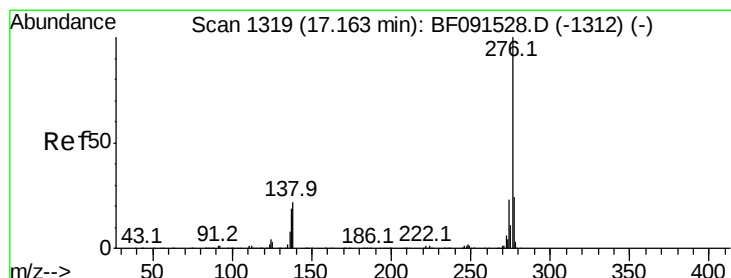
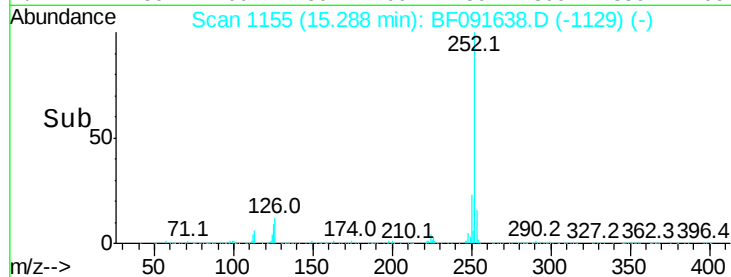
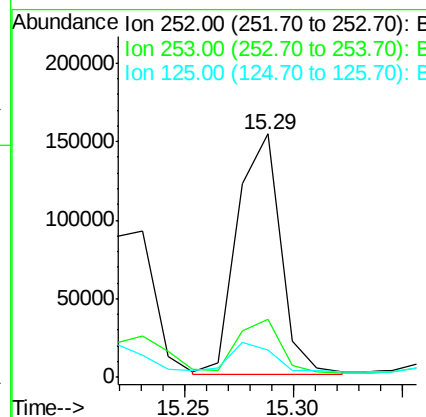
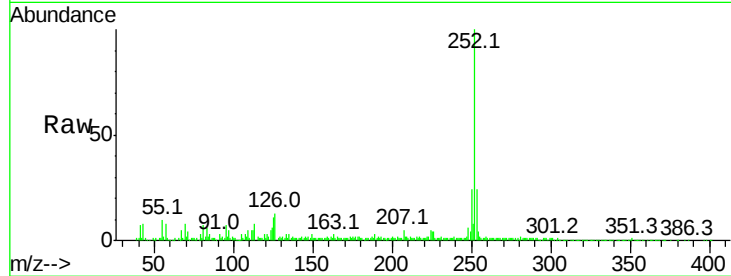
#89
Benzo(a)pyrene
Concen: 6.40 ng
RT: 15.29 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF091638.D
Acq: 15 Dec 2016 19:47

Instrument :
BNA_F
ClientSampleId :
TP20-COMP6

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.6	18.2	27.4
125	11.0	10.4	15.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 3.47 ng
RT: 17.09 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BF091638.D
Acq: 15 Dec 2016 19:47

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	25.2	19.0	28.4
138	28.6	15.4	23.0

