

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112916\
 Data File : BF091334.D
 Acq On : 29 Nov 2016 18:37
 Operator : UM/SJ
 Sample : H5718-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-BPMMS

Manual Integrations
 APPROVED

Quant Time: Nov 30 00:56:55 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	190666	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	736491	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	429812	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	672238	20.00	ng	-0.02
75) Chrysene-d12	14.03	240	385292	20.00	ng	-0.02
86) Perylene-d12	15.44	264	373544	20.00	ng	-0.03

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System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1451368	124.35	ng	0.00
7) Phenol-d6	6.50	99	1924523	133.95	ng	0.00
23) Nitrobenzene-d5	7.43	82	1244718	94.71	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	527427	129.62	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	2143974	90.32	ng	0.00
78) Terphenyl-d14	12.97	244	1689828	95.33	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.54	88	200641	38.00	ng	# 85
3) Pyridine	3.26	79	360776	24.15	ng	# 81
4) n-Nitrosodimethylamine	3.21	42	383334	48.89	ng	96
6) Aniline	6.54	93	454637	23.82	ng	# 69
8) 2-Chlorophenol	6.65	128	575797	45.00	ng	83
9) Benzaldehyde	6.41	77	42486m	4.60	ng	
10) Phenol	6.52	94	780470	46.17	ng	100
11) bis(2-Chloroethyl)ether	6.61	93	601237	49.77	ng	99
12) 1,3-Dichlorobenzene	6.81	146	642329m	45.12	ng	
13) 1,4-Dichlorobenzene	6.88	146	604832	42.72	ng	96
14) 1,2-Dichlorobenzene	7.04	146	628839	47.68	ng	95
15) Benzyl Alcohol	7.01	79	507054	44.10	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1241437	47.80	ng	73
17) 2-Methylphenol	7.12	107	467561	46.22	ng	# 76
18) Hexachloroethane	7.38	117	238153	47.37	ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	471057	52.04	ng	# 89
20) 3+4-Methylphenols	7.28	107	607528	49.20	ng	# 60
22) Acetophenone	7.28	105	780325	44.70	ng	# 81
24) Nitrobenzene	7.45	77	703761	52.31	ng	# 88
25) Isophorone	7.69	82	1168021	50.17	ng	99
26) 2-Nitrophenol	7.77	139	313820	51.18	ng	# 72
27) 2,4-Dimethylphenol	7.81	122	529180	46.13	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	747139	53.31	ng	# 97
29) 2,4-Dichlorophenol	8.01	162	532953	52.82	ng	93
30) 1,2,4-Trichlorobenzene	8.09	180	539252	47.67	ng	98
31) Naphthalene	8.17	128	1560876	44.59	ng	100
32) Benzoic acid	7.93	122	320790	37.94	ng	92
33) 4-Chloroaniline	8.23	127	105445	7.05	ng	98
34) Hexachlorobutadiene	8.30	225	338813	48.71	ng	98
35) Caprolactam	8.60	113	149135m	51.42	ng	
36) 4-Chloro-3-methylphenol	8.71	107	547215	50.23	ng	92
37) 2-Methylnaphthalene	8.87	142	1190860	50.08	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	469768	38.77	ng	99
40) Hexachlorocyclopentadiene	9.03	237	618778	110.17	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
42) 2,4,6-Trichlorophenol	9.14	196	381983	48.51	ng	97	
43) 2,4,5-Trichlorophenol	9.19	196	349230	44.25	ng	#	91
45) 1,1'-Biphenyl	9.33	154	1275004	41.25	ng		98
46) 2-Chloronaphthalene	9.35	162	1007309	43.76	ng		98
47) 2-Nitroaniline	9.45	65	383665	46.41	ng		95
48) Acenaphthylene	9.77	152	1647410	45.47	ng		99
49) Dimethylphthalate	9.64	163	1335685	51.32	ng		97
50) 2,6-Dinitrotoluene	9.69	165	278852	47.94	ng		92
51) Acenaphthene	9.94	154	1252622	51.25	ng		96
52) 3-Nitroaniline	9.85	138	121179	18.00	ng		90
53) 2,4-Dinitrophenol	9.97	184	332441	130.69	ng		89
54) Dibenzofuran	10.12	168	1487934	45.47	ng		96
55) 4-Nitrophenol	10.02	139	461591	94.92	ng		95
56) 2,4-Dinitrotoluene	10.09	165	326705	43.30	ng	#	58
57) Fluorene	10.46	166	1192290	47.46	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	325126	48.25	ng		97
59) Diethylphthalate	10.33	149	1105055	43.01	ng		98
60) 4-Chlorophenyl-phenylether	10.45	204	492511	39.09	ng	#	86
61) 4-Nitroaniline	10.47	138	223972	35.43	ng		86
62) Azobenzene	10.61	77	1243961	47.45	ng		89
64) 4,6-Dinitro-2-methylphenol	10.50	198	215686	58.24	ng	#	41
65) n-Nitrosodiphenylamine	10.57	169	987341	48.44	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	372722	51.58	ng	#	84
67) Hexachlorobenzene	11.01	284	373283	47.81	ng	#	90
68) Atrazine	11.10	200	340845	51.64	ng		96
69) Pentachlorophenol	11.19	266	410280	89.26	ng		94
70) Phenanthrene	11.42	178	1608332	46.04	ng		99
71) Anthracene	11.46	178	1523007	43.93	ng		100
72) Carbazole	11.61	167	1274565	40.52	ng		99
73) Di-n-butylphthalate	11.96	149	1721995	48.30	ng		100
74) Fluoranthene	12.60	202	1528038	46.18	ng		99
77) Pyrene	12.82	202	1506964	51.54	ng		100
79) Butylbenzylphthalate	13.45	149	595919	54.43	ng	#	80
80) Benzo(a)anthracene	14.00	228	1069746	47.48	ng		100
81) 3,3'-Dichlorobenzidine	13.97	252	237896	29.97	ng	#	98
82) Chrysene	14.05	228	1119276	50.20	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	761752	54.89	ng	#	93
84) Di-n-octyl phthalate	14.62	149	1149351	54.73	ng		98
85) Indeno(1,2,3-cd)pyrene	16.86	276	1226854	60.09	ng		95
87) Benzo(b)fluoranthene	15.03	252	1113297	47.95	ng		99
88) Benzo(k)fluoranthene	15.07	252	796865m	40.81	ng		
89) Benzo(a)pyrene	15.39	252	949750	45.55	ng		97
90) Dibenzo(a,h)anthracene	16.87	278	1016501	52.71	ng	#	95
91) Benzo(g,h,i)perylene	17.28	276	1035036	52.05	ng		97

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

```
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ALS Vial  : 17      Sample Multiplier: 1
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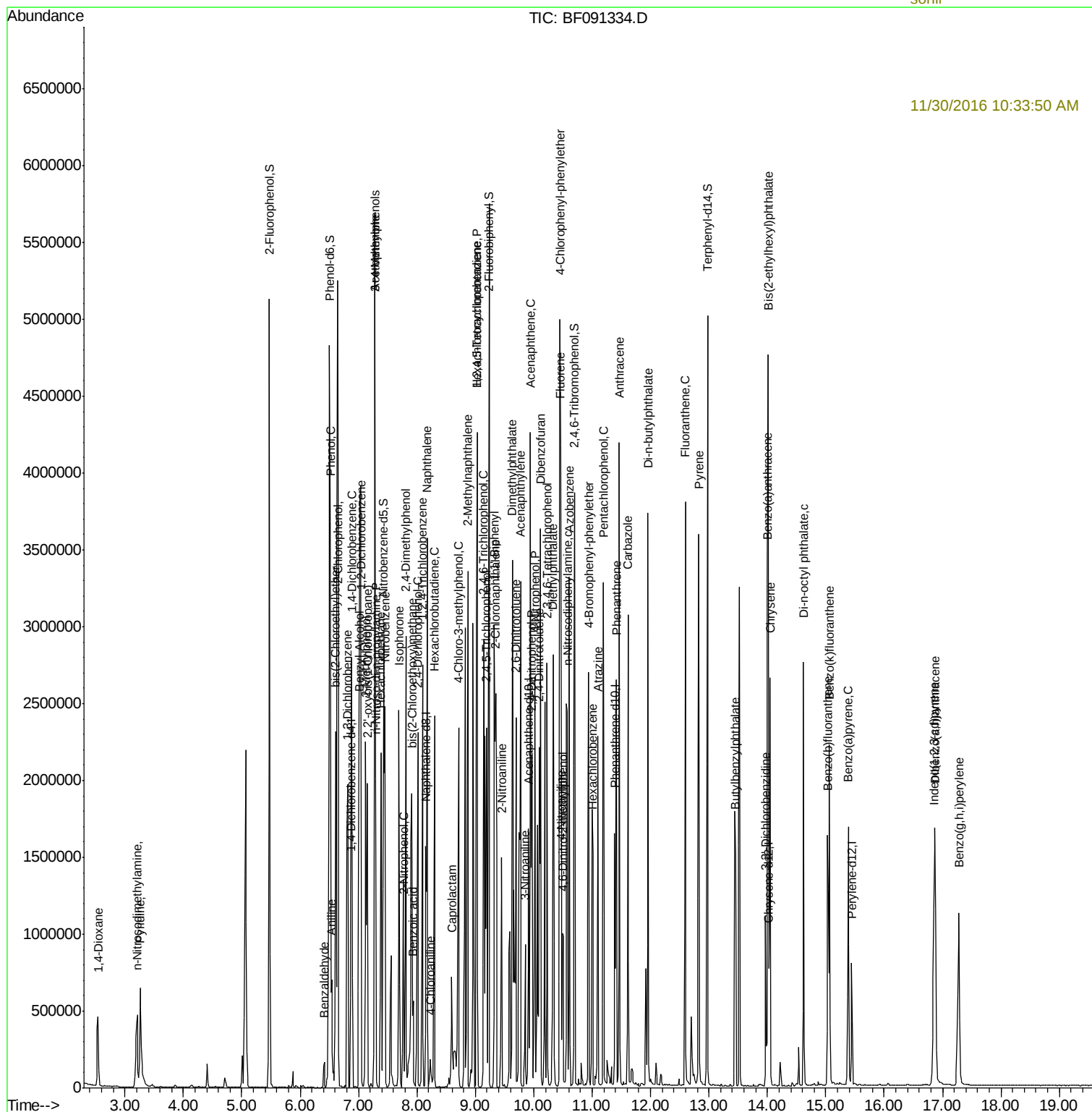
Instrument :
BNA_F
ClientSampleId :
PHOENIX-BPMMS

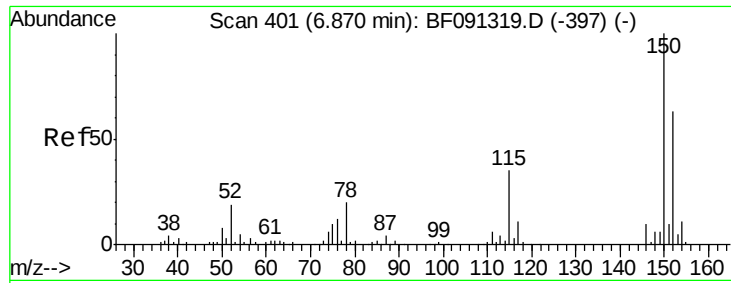
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.87 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF091334.D

Acq: 29 Nov 2016 18:37

Instrument :

BNA_F

ClientSampleId :

PHOENIX-BPMMS

Tgt Ion:152 Resp: 190666

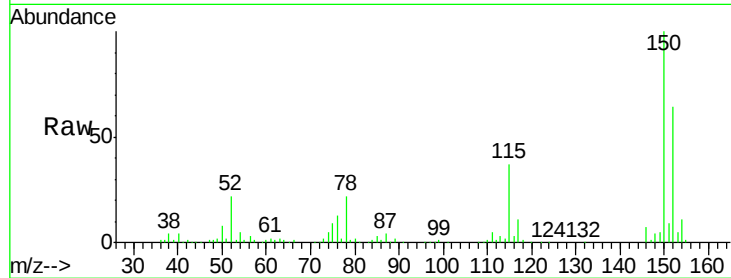
Ion Ratio Lower Upper

152 100

150 155.1 122.5 183.7

115 57.0 51.8 77.8

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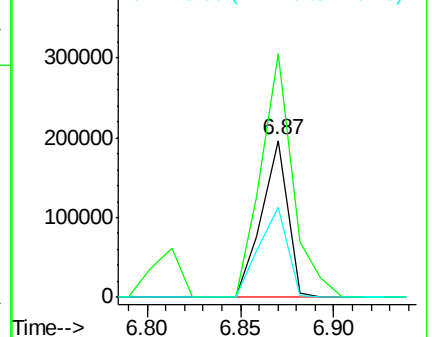


Abundance

Ion 152.00 (151.70 to 152.70): E

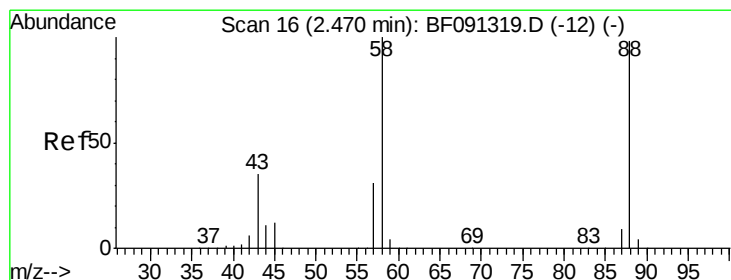
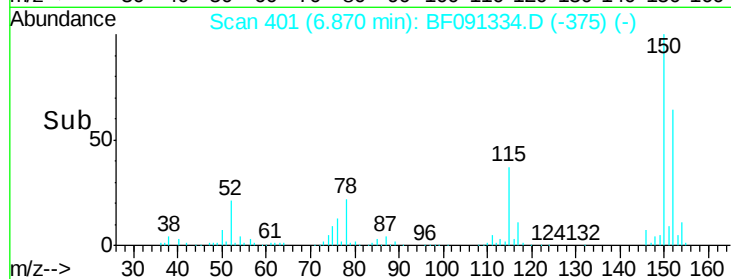
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



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#2

1,4-Dioxane

Concen: 38.00 ng

RT: 2.54 min Scan# 22

Delta R.T. 0.04 min

Lab File: BF091334.D

Acq: 29 Nov 2016 18:37

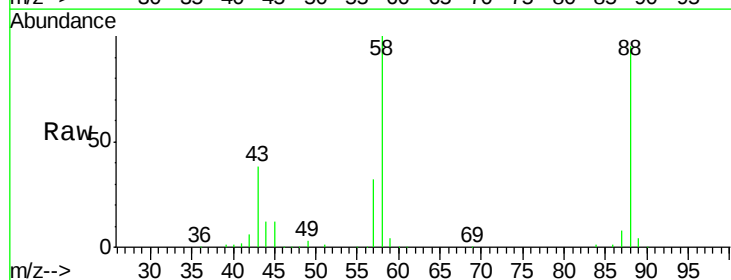
Tgt Ion: 88 Resp: 200641

Ion Ratio Lower Upper

88 100

58 106.7 70.3 105.5#

43 41.8 31.3 46.9

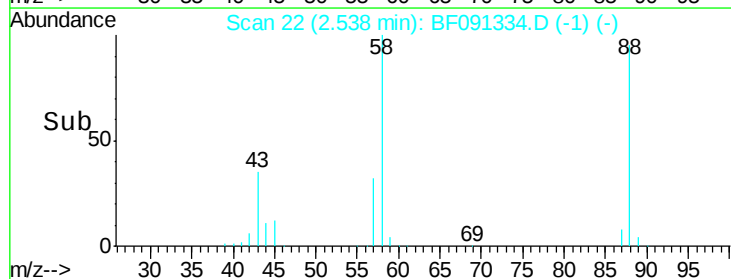
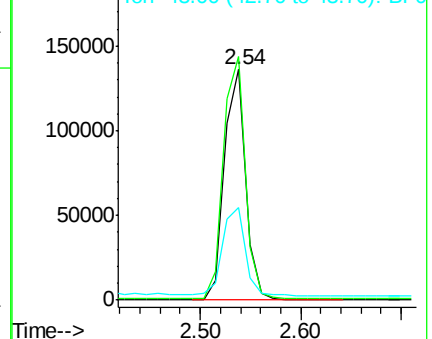


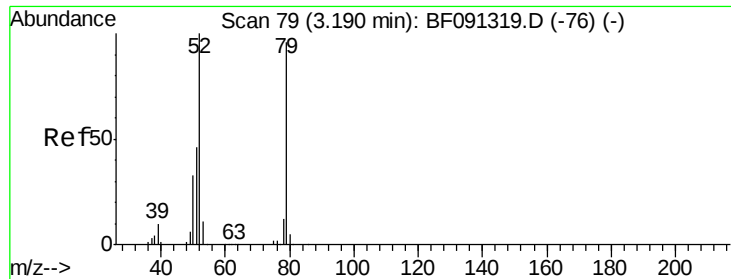
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 24.15 ng

RT: 3.26 min Scan# 85

Delta R.T. 0.04 min

Lab File: BF091334.D

Acq: 29 Nov 2016 18:37

Instrument :

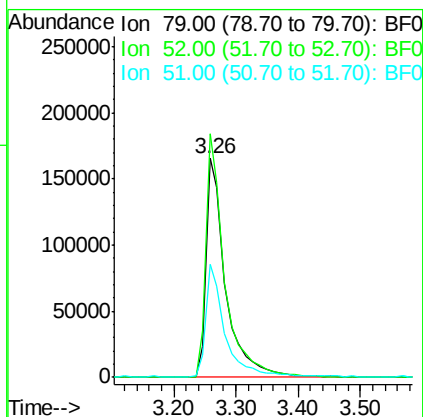
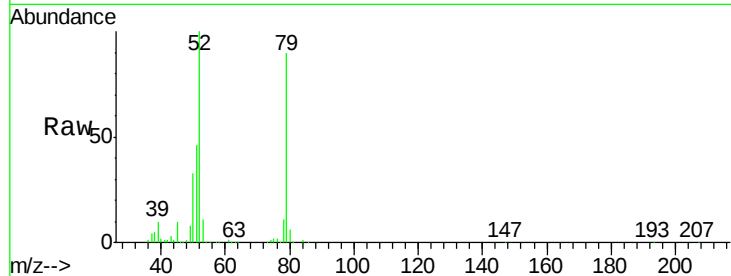
BNA_F

ClientSampleId :

PHOENIX-BPMMS

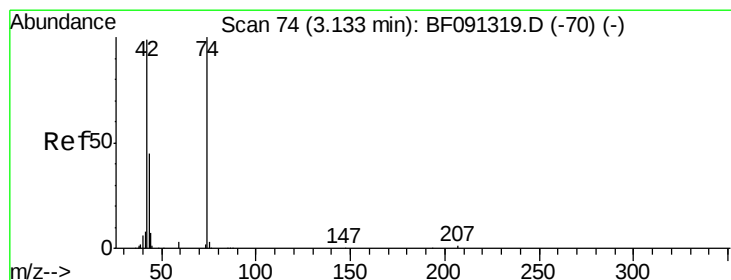
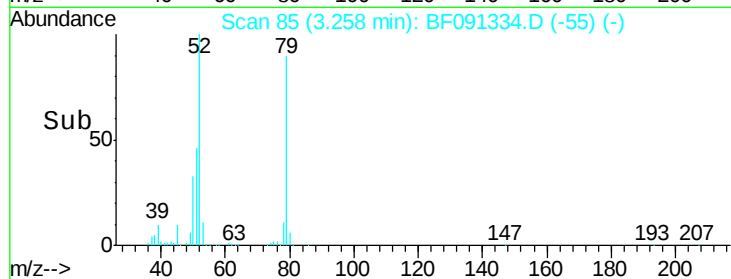
Tgt Ion:	79	Resp:	360776
Ion	Ratio	Lower	Upper
79	100		
52	111.2	71.0	106.4#
51	51.6	37.0	55.4

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#4

n-Nitrosodimethylamine

Concen: 48.89 ng

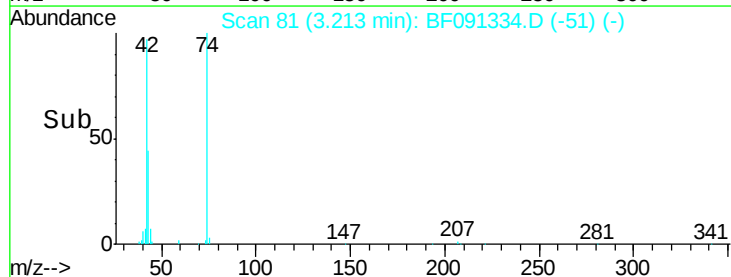
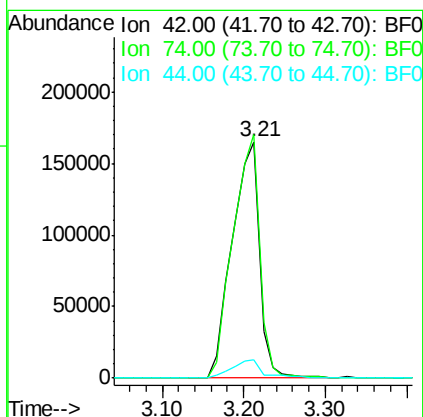
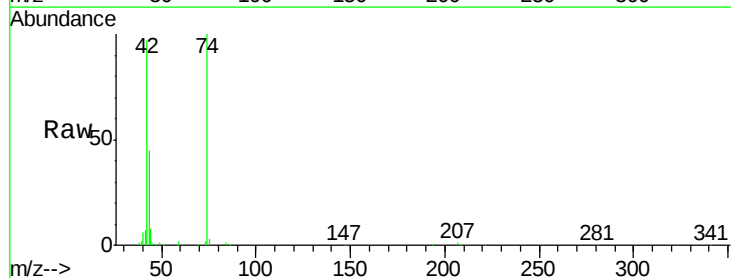
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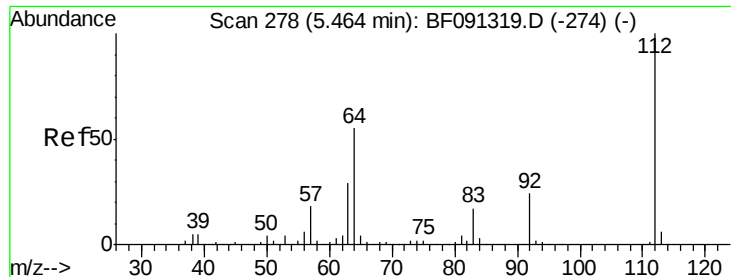
Delta R.T. 0.04 min

Lab File: BF091334.D

Acq: 29 Nov 2016 18:37

Tgt Ion:	42	Resp:	383334
Ion	Ratio	Lower	Upper
42	100		
74	103.1	78.9	118.3
44	7.7	5.8	8.6



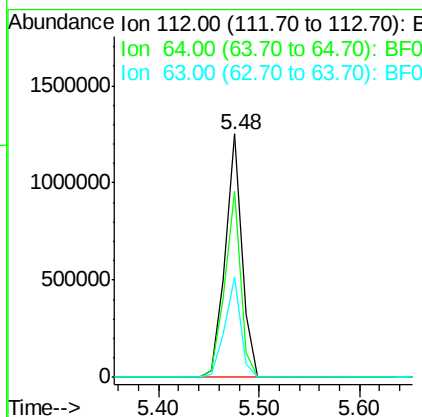
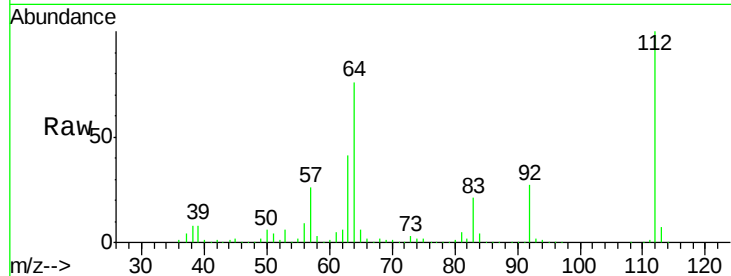


#5
 2-Fluorophenol
 Concen: 124.35 ng
 RT: 5.48 min Scan# 279
 Delta R.T. 0.01 min
 Lab File: BF091334.D
 Acq: 29 Nov 2016 18:37

Instrument :
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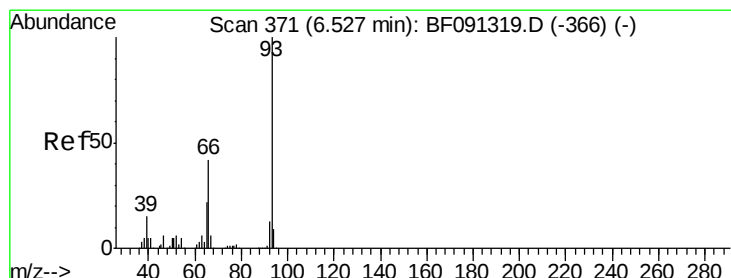
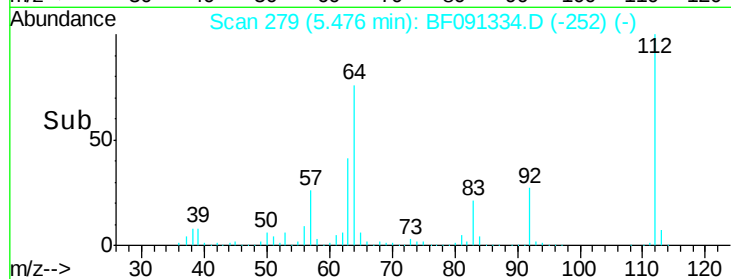
Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.1	61.5	92.3
63	41.1	33.3	49.9

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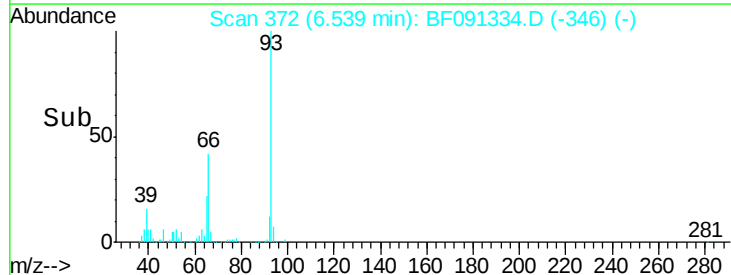
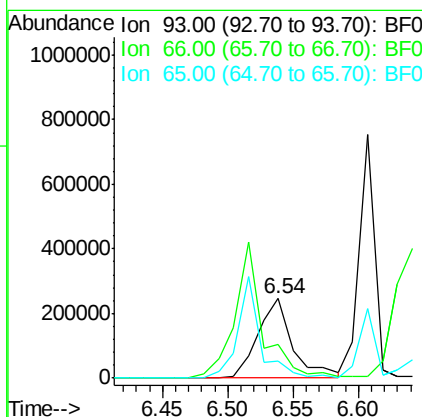
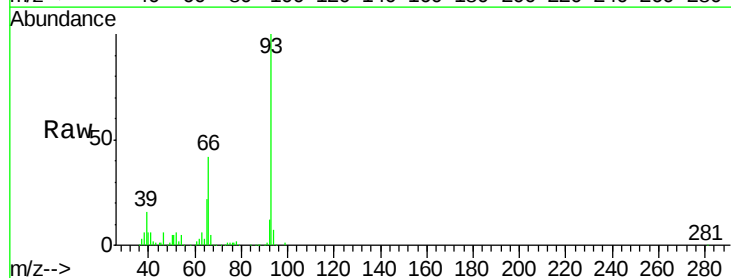
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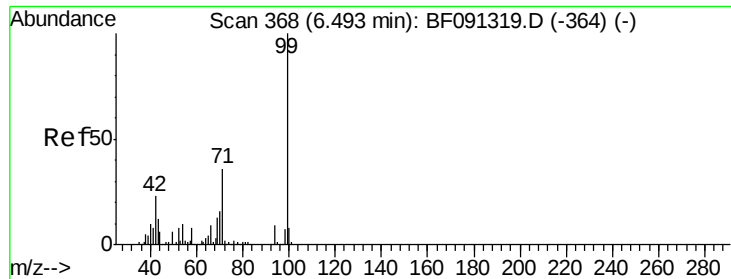
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#6
 Aniline
 Concen: 23.82 ng
 RT: 6.54 min Scan# 372
 Delta R.T. -0.01 min
 Lab File: BF091334.D
 Acq: 29 Nov 2016 18:37

Tgt Ion	Ratio	Lower	Upper
93	100		
66	42.4	55.8	83.6#
65	21.8	29.9	44.9#





#7

Phenol-d6

Concen: 133.95 ng

RT: 6.50 min Scan# 369

Delta R.T. 0.01 min

Lab File: BF091334.D

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Tgt Ion: 99 Resp: 1924523

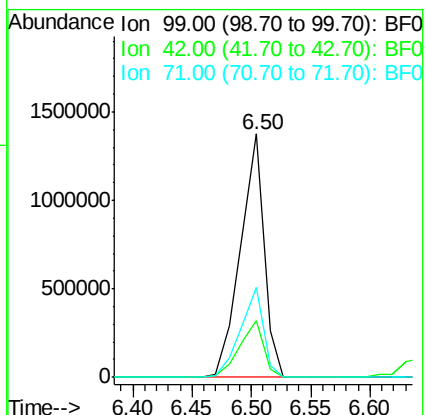
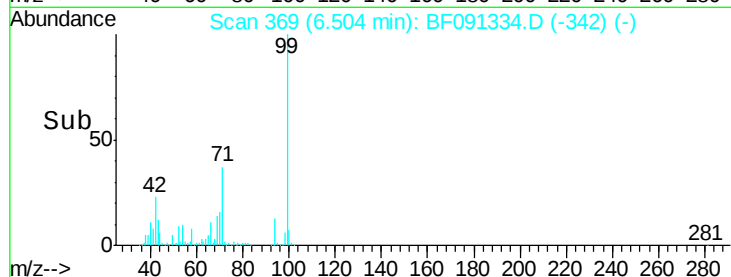
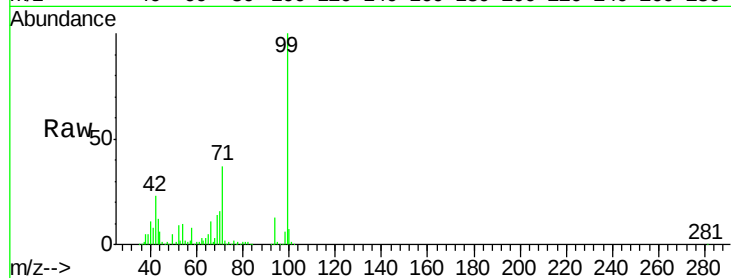
Ion Ratio Lower Upper

99 100

42 23.3 20.6 31.0

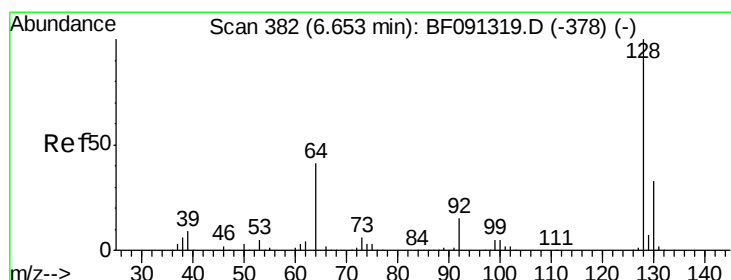
71 37.2 29.9 44.9

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#8

2-Chlorophenol

Concen: 45.00 ng

RT: 6.65 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF091334.D

Acq: 29 Nov 2016 18:37

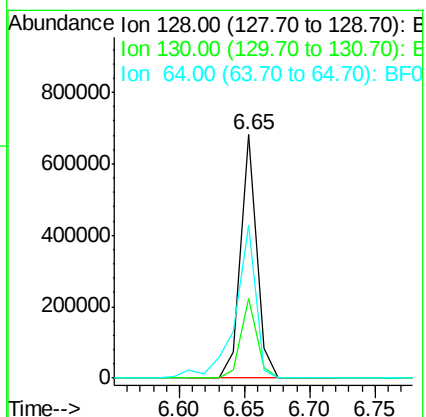
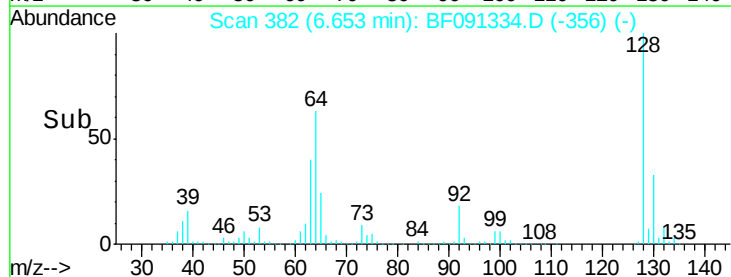
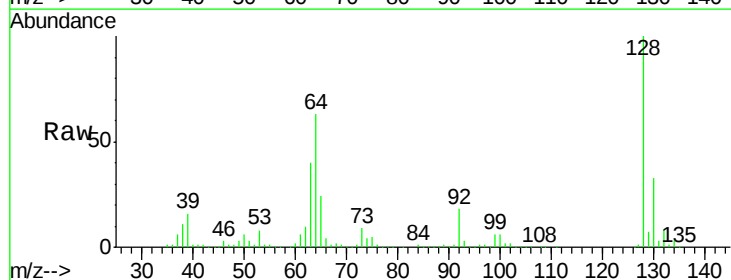
Tgt Ion: 128 Resp: 575797

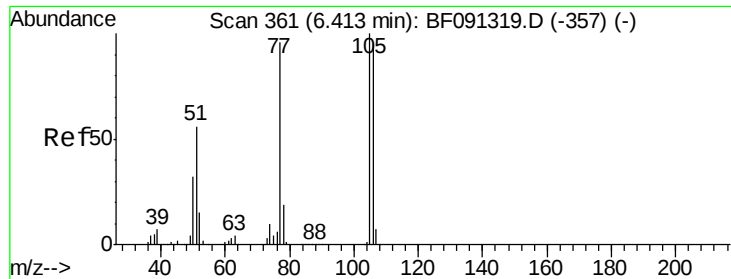
Ion Ratio Lower Upper

128 100

130 32.7 13.1 53.1

64 62.7 24.1 64.1





#9

Benzaldehyde

Concen: 4.60 ng m

RT: 6.41 min Scan# 361

Delta R.T. -0.01 min

Lab File: BF091334.D

Acq: 29 Nov 2016 18:37

Instrument :

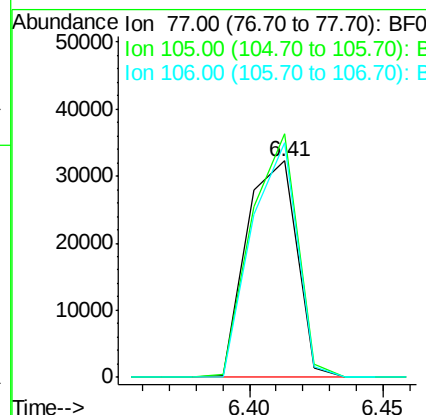
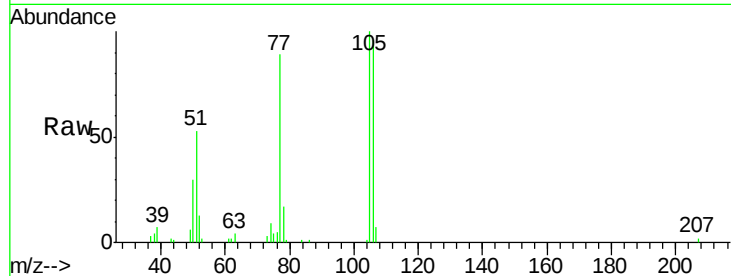
BNA_F

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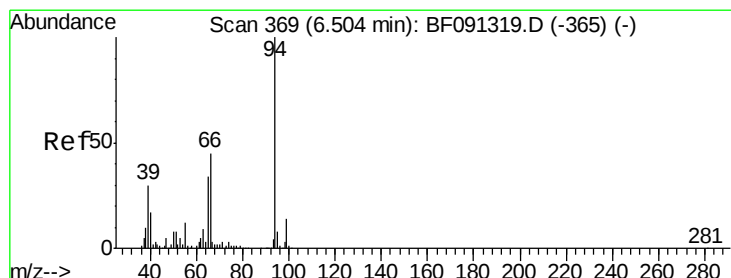
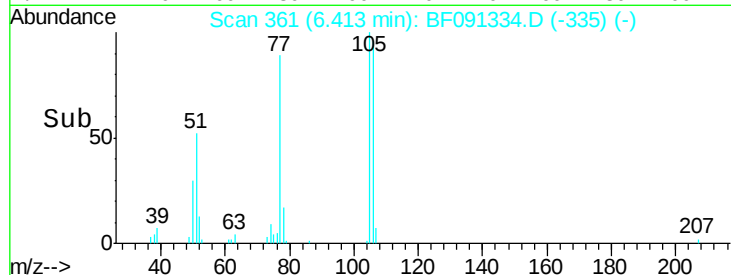
Tgt Ion	Ratio	Lower	Upper
77	100		
105	112.4	66.4	106.4#
106	108.3	60.9	100.9#

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#10

Phenol

Concen: 46.17 ng

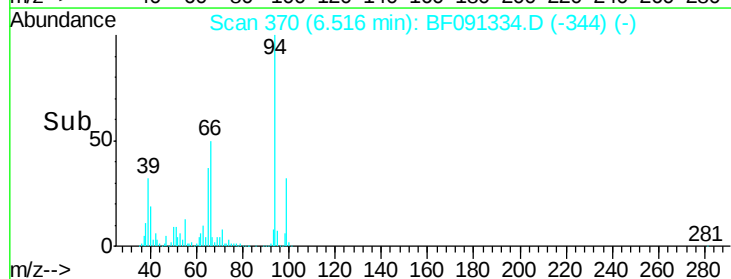
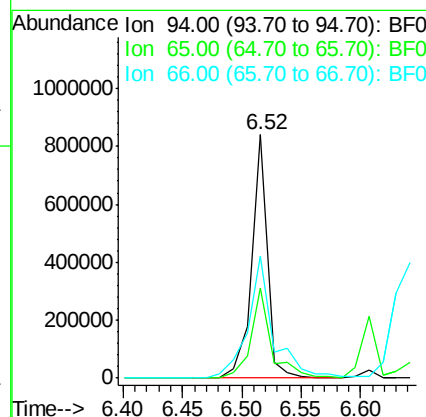
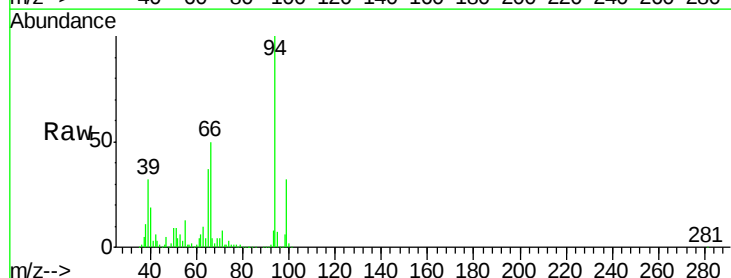
RT: 6.52 min Scan# 370

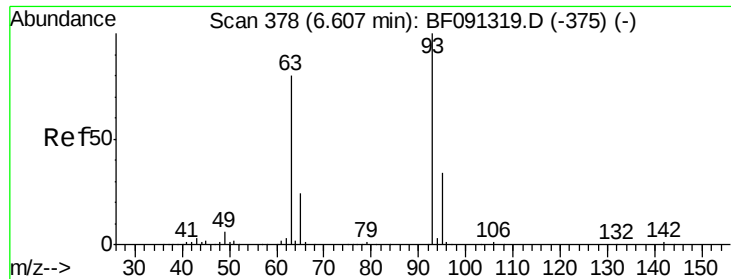
Delta R.T. -0.01 min

Lab File: BF091334.D

Acq: 29 Nov 2016 18:37

Tgt Ion	Ratio	Lower	Upper
94	100		
65	37.2	16.9	56.9
66	50.3	30.6	70.6



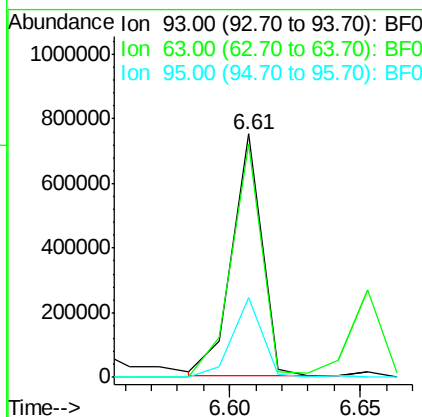
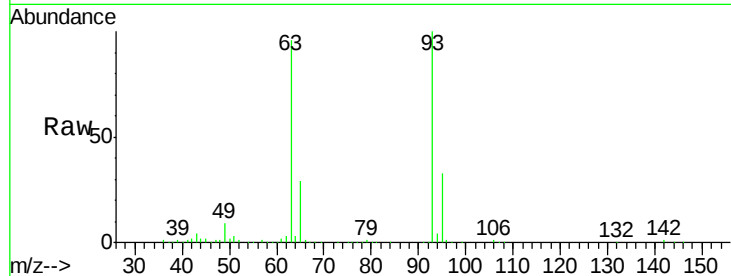


#11
bis(2-Chloroethyl)ether
Concen: 49.77 ng
RT: 6.61 min Scan# 378
Delta R.T. -0.01 min
Lab File: BF091334.D
Acq: 29 Nov 2016 18:37

Instrument :
BNA_F
ClientSampleId :
PHOENIX-BPMMS

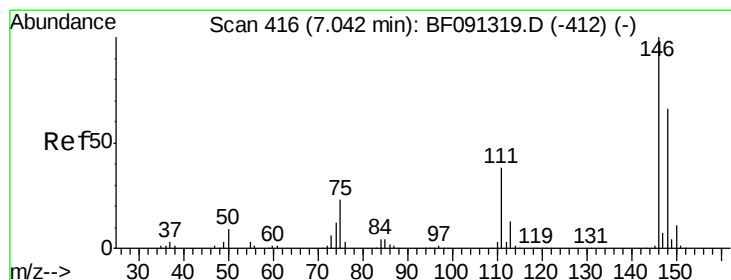
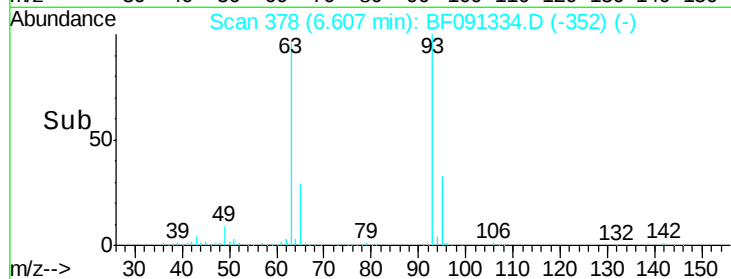
Tgt Ion:	93	Resp:	601237
Ion Ratio	Lower	Upper	
93	100		
63	96.1	74.8	114.8
95	32.8	12.4	52.4

Manual Integrations
APPROVED



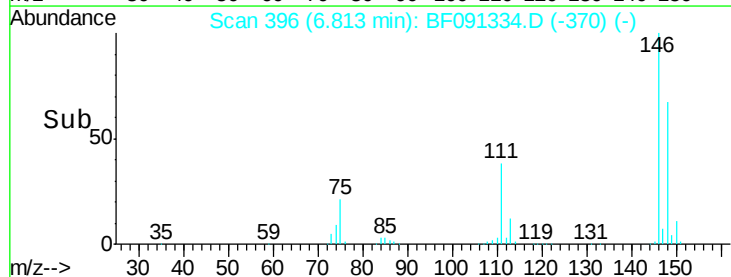
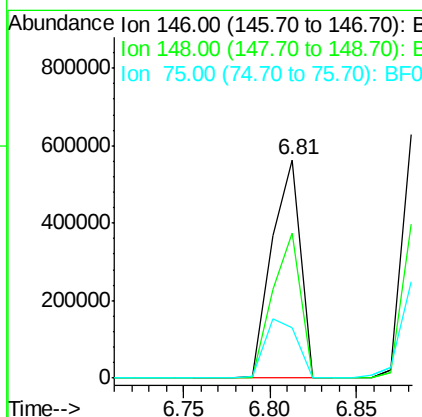
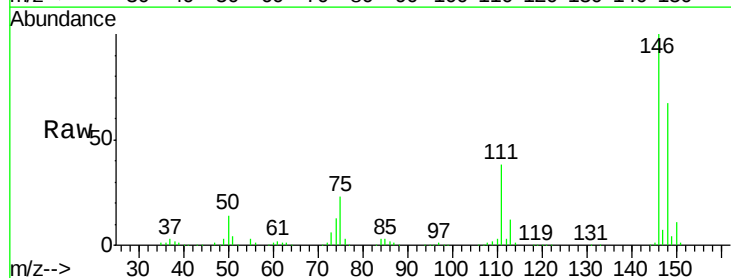
sohil

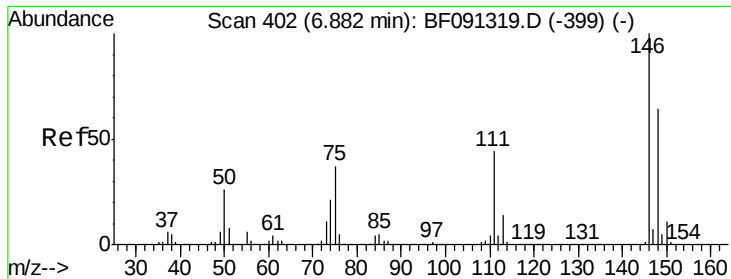
11/30/2016 10:33:50 AM



#12
1,3-Dichlorobenzene
Concen: 45.12 ng m
RT: 6.81 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF091334.D
Acq: 29 Nov 2016 18:37

Tgt Ion:	146	Resp:	642329
Ion Ratio	Lower	Upper	
146	100		
148	66.7	51.4	77.0
75	23.3	23.6	35.4#



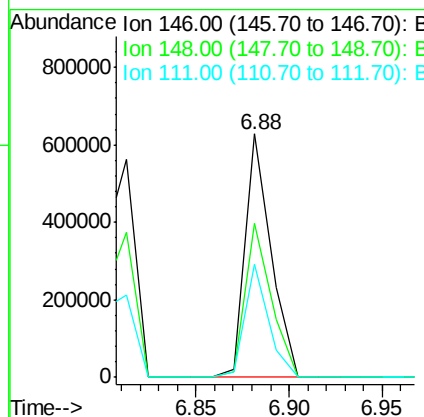
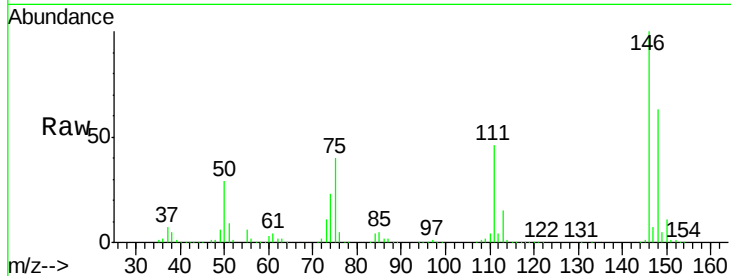


#13
 1,4-Dichlorobenzene
 Concen: 42.72 ng
 RT: 6.88 min Scan# 402
 Delta R.T. -0.02 min
 Lab File: BF091334.D
 Acq: 29 Nov 2016 18:37

Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-BPMMS

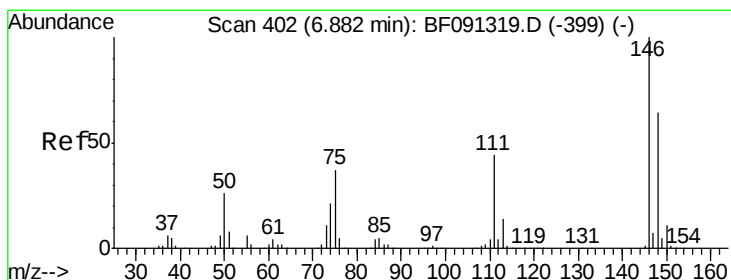
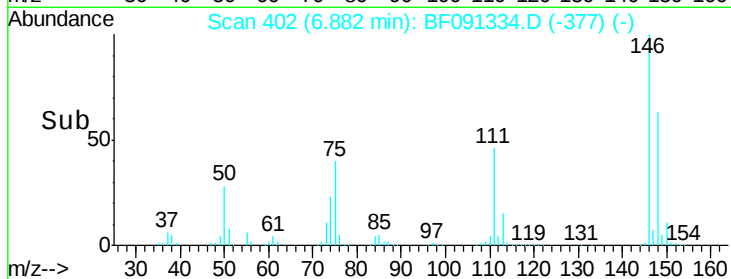
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.4	77.0
111	46.3	32.2	48.2

Manual Integrations
 APPROVED



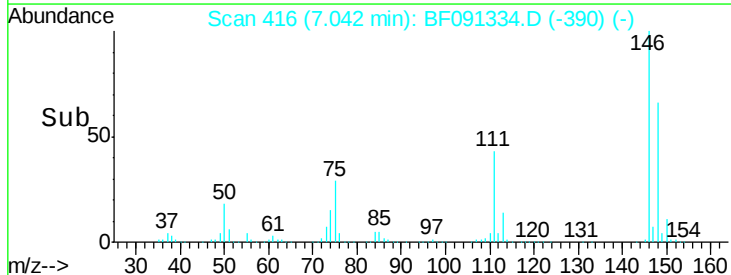
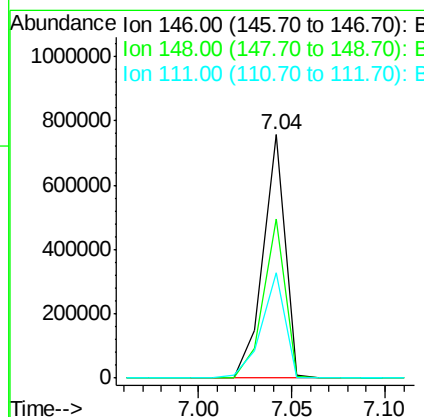
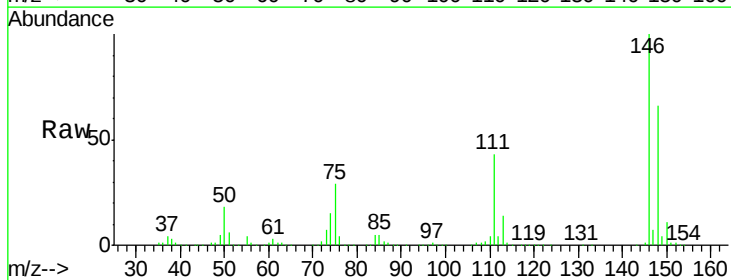
sohil

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#14
 1,2-Dichlorobenzene
 Concen: 47.68 ng
 RT: 7.04 min Scan# 416
 Delta R.T. -0.01 min
 Lab File: BF091334.D
 Acq: 29 Nov 2016 18:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.0	76.6
111	43.0	38.9	58.3





#15

Benzyl Alcohol

Concen: 44.10 ng

RT: 7.01 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF091334.D

Acq: 29 Nov 2016 18:37

Instrument :

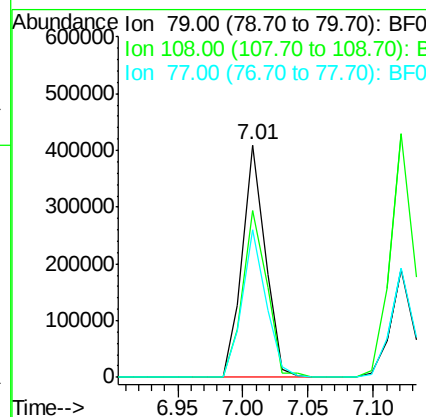
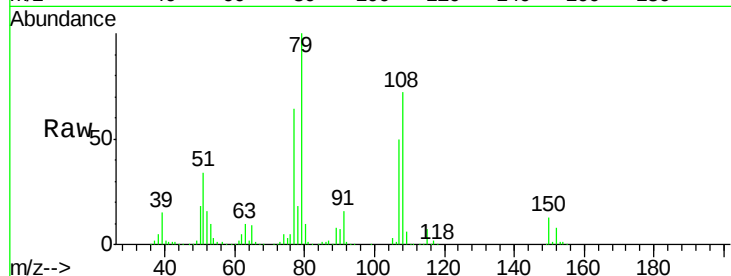
BNA_F

ClientSampleId :

PHOENIX-BPMMS

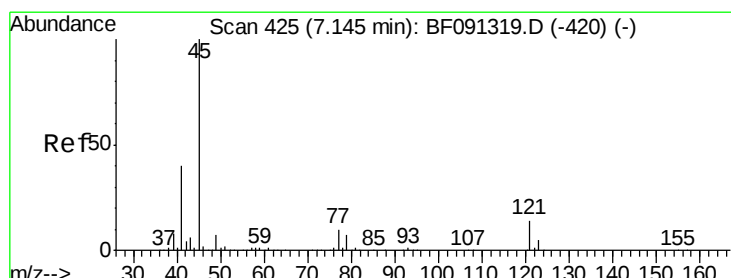
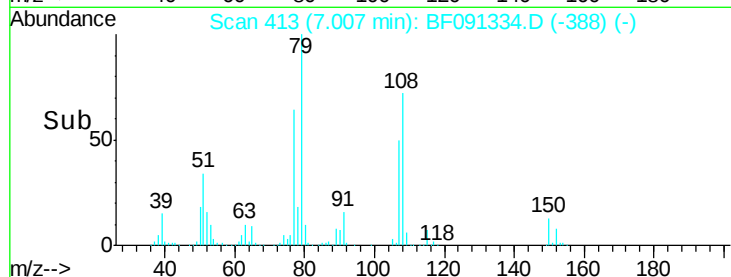
Tgt Ion:	79	Resp:	507054
Ion Ratio	Lower	Upper	
79	100		
108	71.7	62.7	94.1
77	63.5	51.7	77.5

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.80 ng

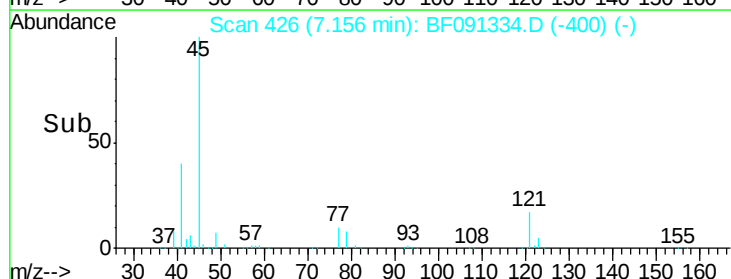
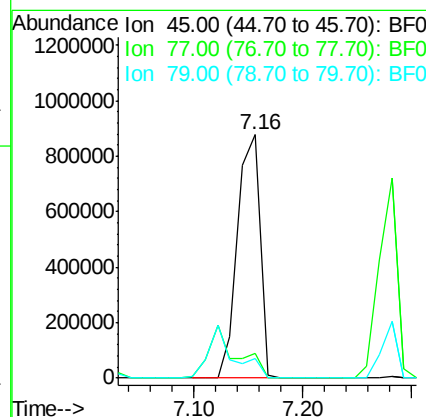
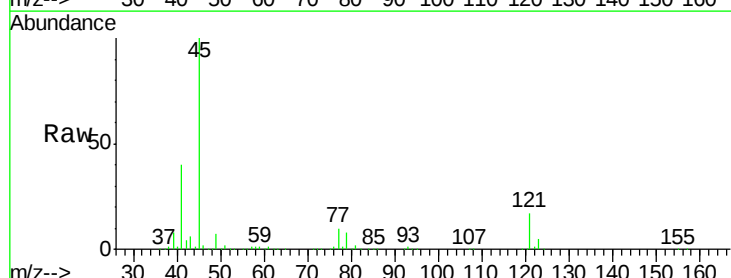
RT: 7.16 min Scan# 426

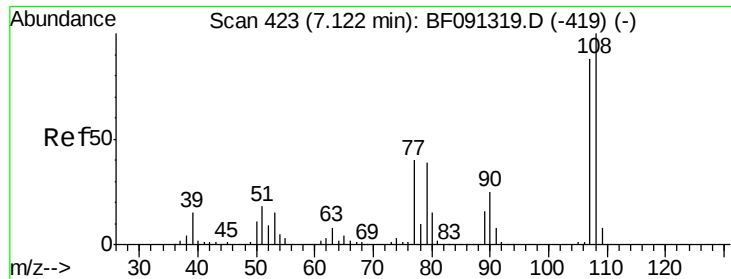
Delta R.T. -0.01 min

Lab File: BF091334.D

Acq: 29 Nov 2016 18:37

Tgt Ion:	45	Resp:	1241437
Ion Ratio	Lower	Upper	
45	100		
77	10.4	3.8	43.8
79	8.0	0.2	40.2



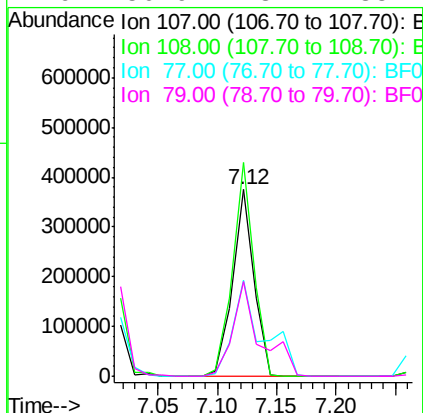
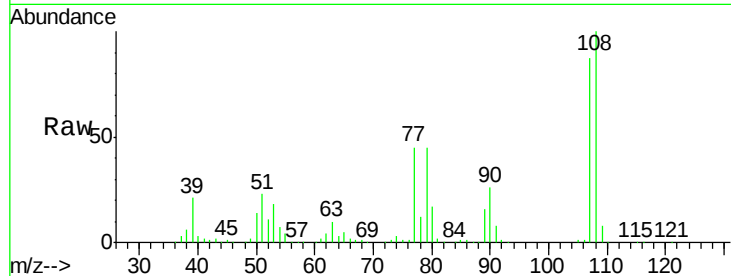


#17
2-Methylphenol
Concen: 46.22 ng
RT: 7.12 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF091334.D
Acq: 29 Nov 2016 18:37

Instrument :
BNA_F
ClientSampleId :
PHOENIX-BPMMS

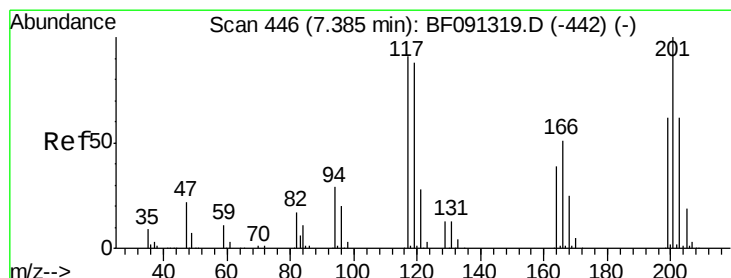
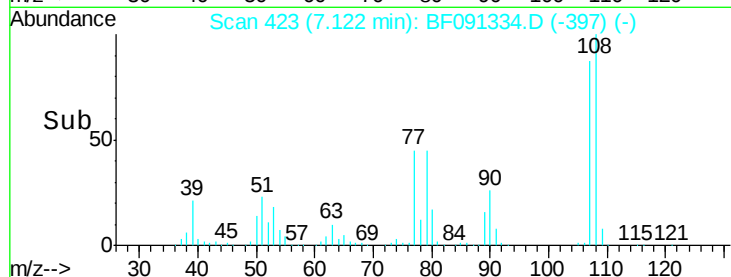
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	467561		
108	114.4	67.7	101.5#	
77	51.1	40.7	61.1	
79	50.9	23.4	35.2#	

Manual Integrations
APPROVED



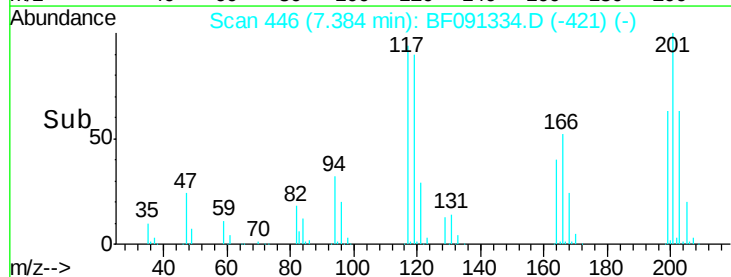
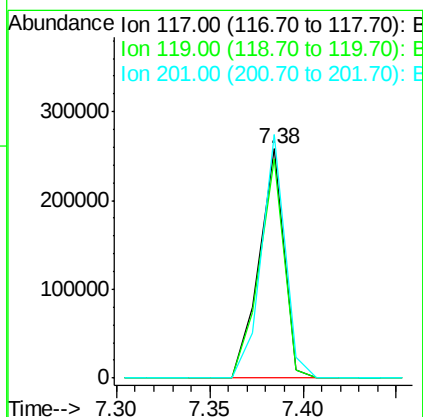
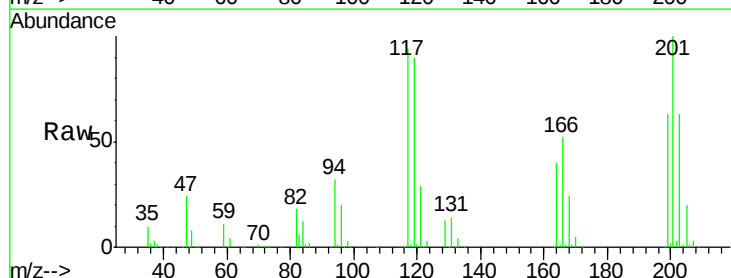
sohil

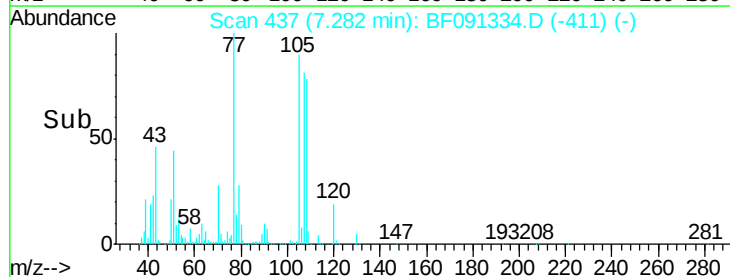
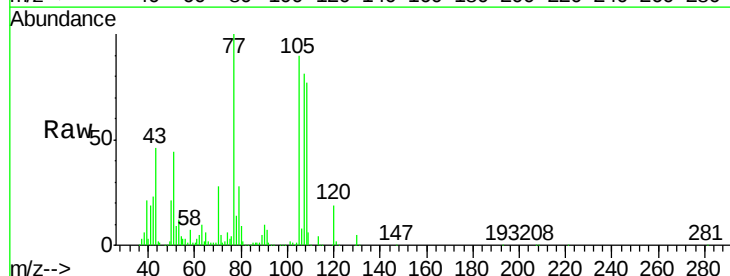
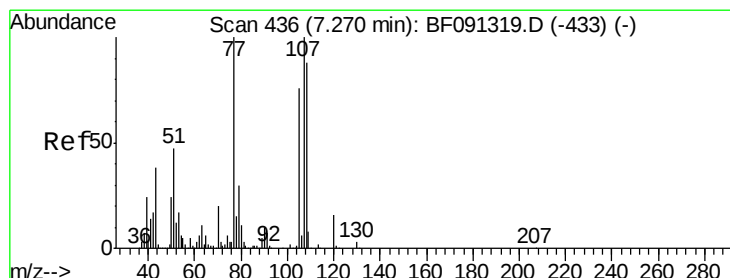
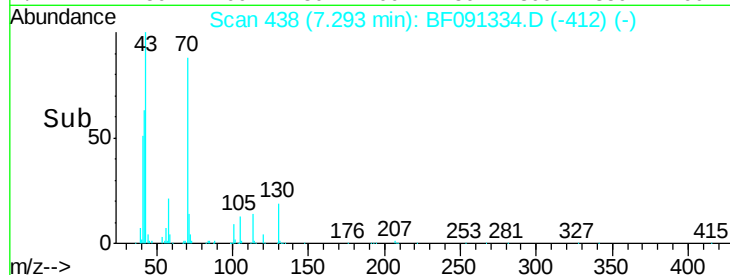
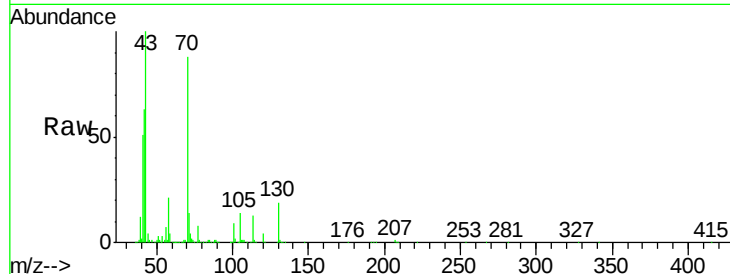
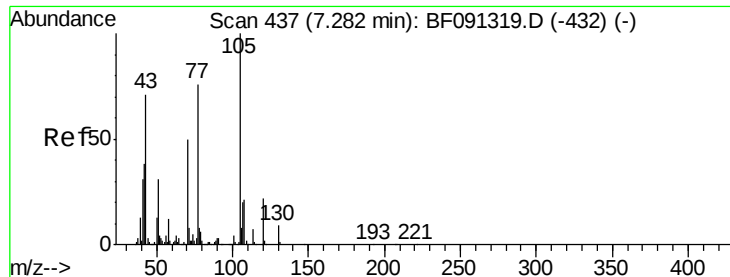
11/30/2016 10:33:50 AM



#18
Hexachloroethane
Concen: 47.37 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF091334.D
Acq: 29 Nov 2016 18:37

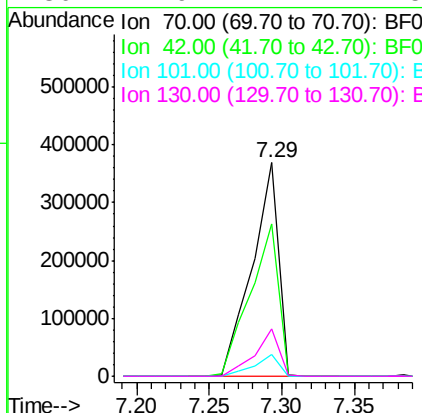
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	238153		
119	95.7	78.6	118.0	
201	106.2	86.7	130.1	





#19
n-Nitroso-di-n-propylamine
Concen: 52.04 ng
RT: 7.29 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF091334.D
Acq: 29 Nov 2016 18:37

Tgt Ion	Ratio	Lower	Upper
70	100		
42	71.5	64.8	97.2
101	10.0	6.2	9.4#
130	21.9	11.7	17.5#



Instrument :
BNA_F
ClientSampleId :
PHOENIX-BPMMS

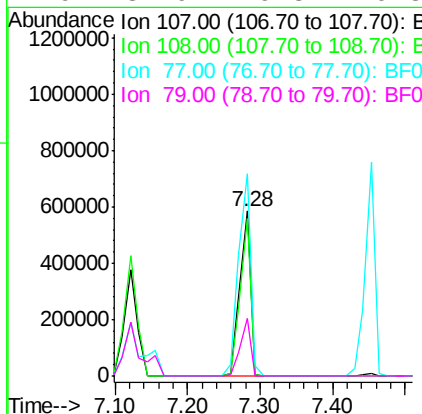
Manual Integrations
APPROVED

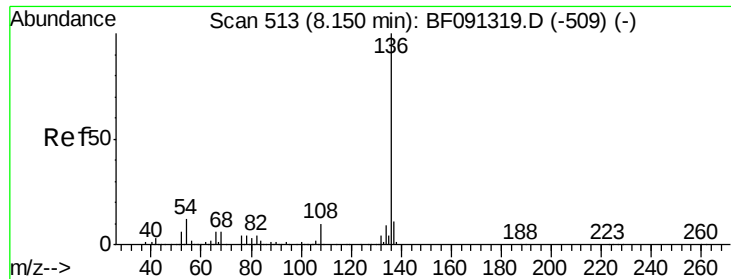
sohil

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#20
3+4-Methylphenols
Concen: 49.20 ng
RT: 7.28 min Scan# 437
Delta R.T. -0.01 min
Lab File: BF091334.D
Acq: 29 Nov 2016 18:37

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.5	64.6	104.6
77	123.2	30.9	70.9#
79	34.9	9.3	49.3



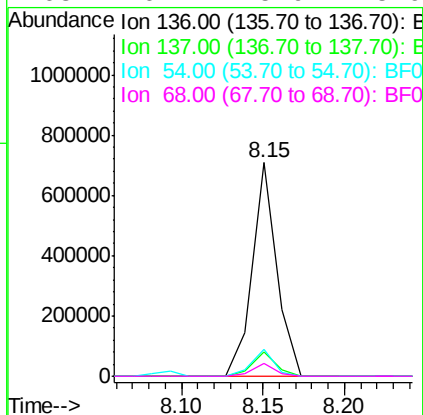
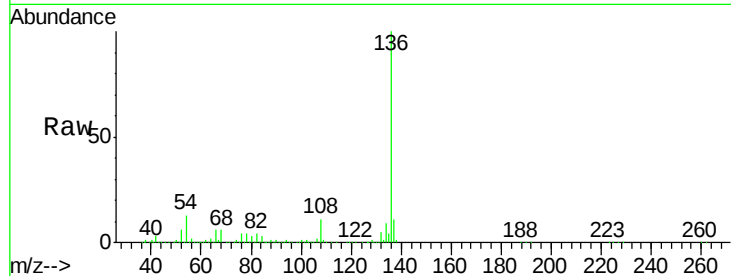


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF091334.D
Acq: 29 Nov 2016 18:37

Instrument :
BNA_F
ClientSampleId :
PHOENIX-BPMMS

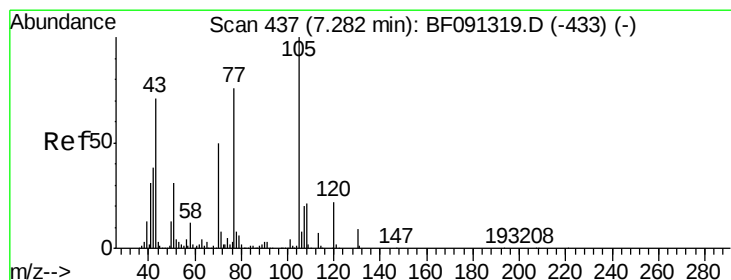
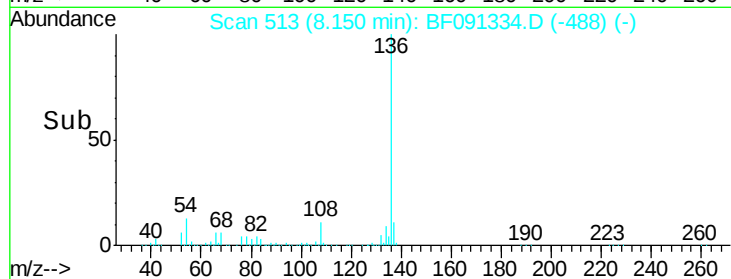
Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.3	9.1	13.7
54	12.9	9.1	13.7
68	6.1	5.9	8.9

Manual Integrations
APPROVED



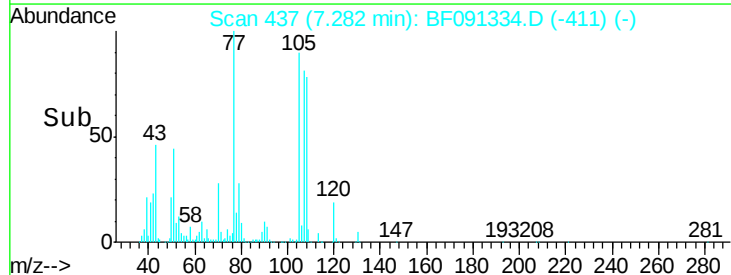
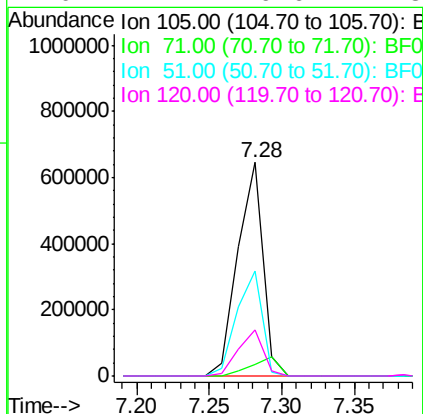
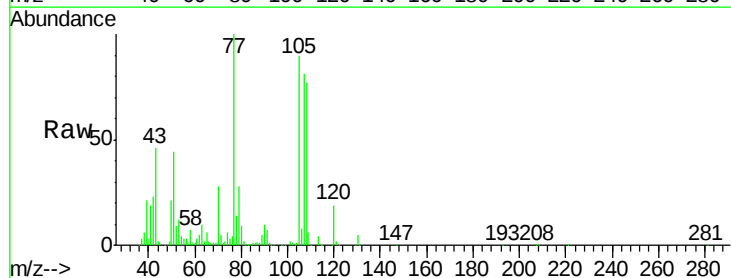
sohil

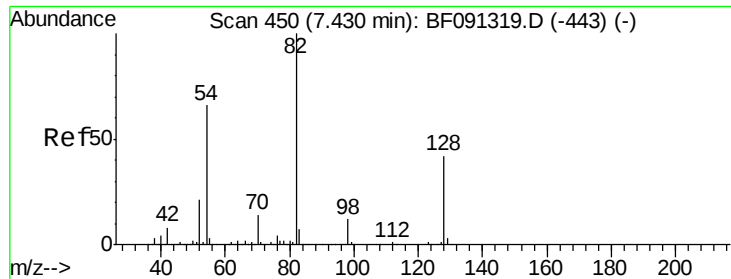
11/30/2016 10:33:50 AM



#22
Acetophenone
Concen: 44.70 ng
RT: 7.28 min Scan# 437
Delta R.T. -0.01 min
Lab File: BF091334.D
Acq: 29 Nov 2016 18:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	5.2	7.9	11.9#
51	48.9	24.5	36.7#
120	21.7	16.6	24.8



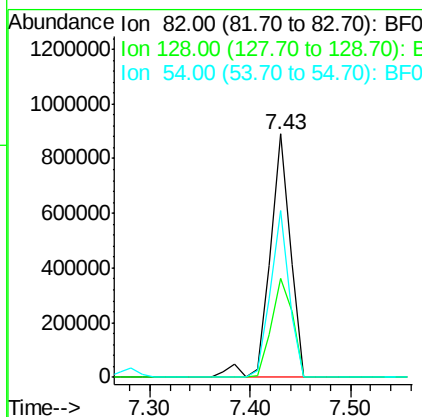
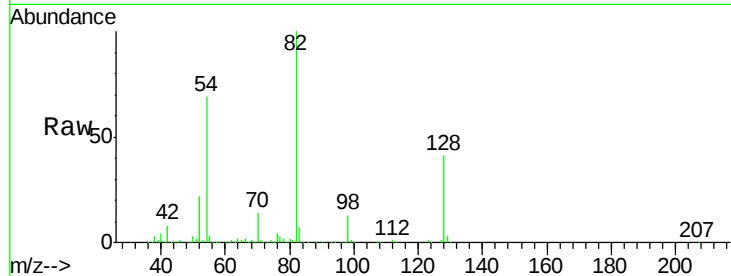


#23
 Nitrobenzene-d5
 Concen: 94.71 ng
 RT: 7.43 min Scan# 450
 Delta R.T. -0.02 min
 Lab File: BF091334.D
 Acq: 29 Nov 2016 18:37

Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-BPMMS

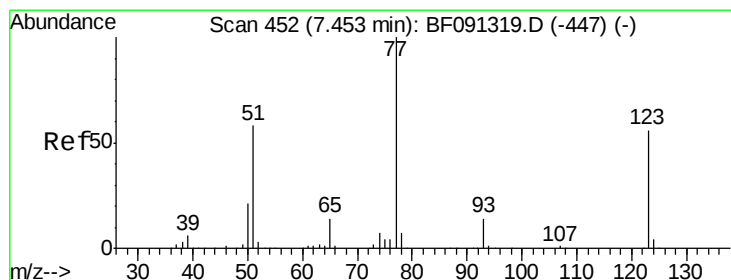
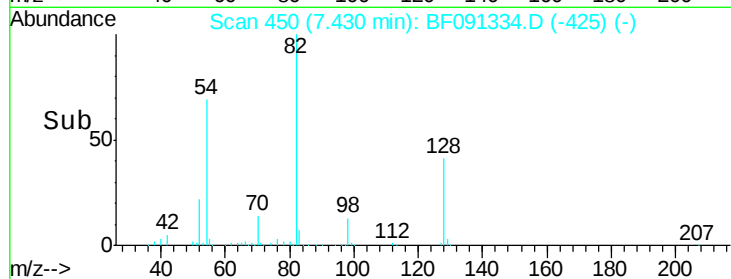
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.8	31.8	47.6
54	68.6	49.1	73.7

Manual Integrations
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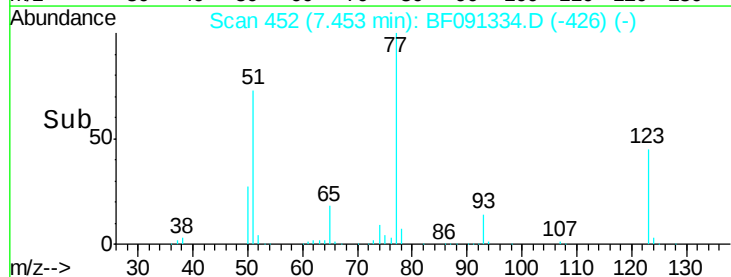
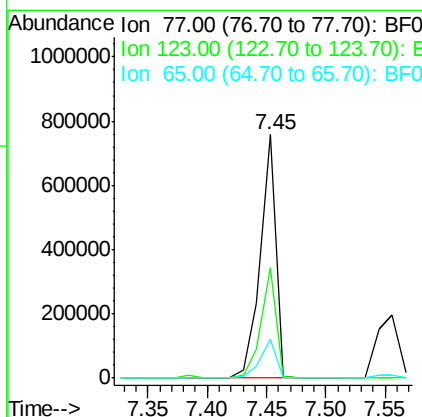
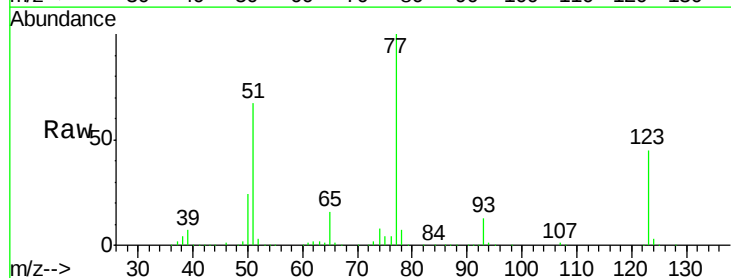
sohil

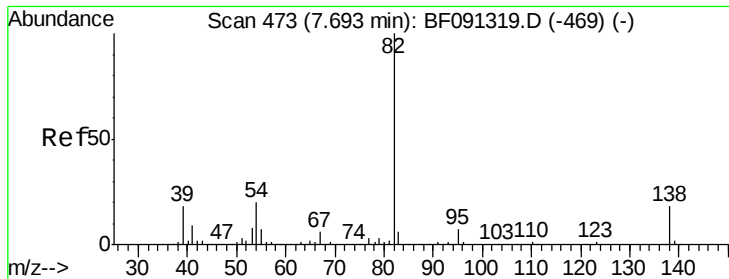
11/30/2016 10:33:50 AM



#24
 Nitrobenzene
 Concen: 52.31 ng
 RT: 7.45 min Scan# 452
 Delta R.T. -0.01 min
 Lab File: BF091334.D
 Acq: 29 Nov 2016 18:37

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.5	28.5	42.7#
65	15.9	12.5	18.7





#25

Isophorone

Concen: 50.17 ng

RT: 7.69 min Scan# 473

Delta R.T. -0.02 min

Lab File: BF091334.D

Acq: 29 Nov 2016 18:37

Instrument :

BNA_F

ClientSampleId :

PHOENIX-BPMMS

Tgt Ion: 82 Resp: 1168021

Ion Ratio Lower Upper

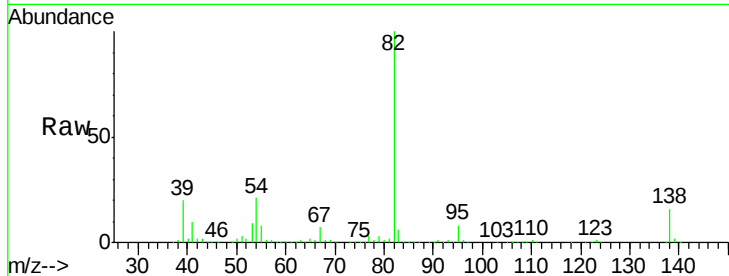
82 100

95 7.6 5.7 8.5

138 16.5 13.4 20.0

Manual Integrations

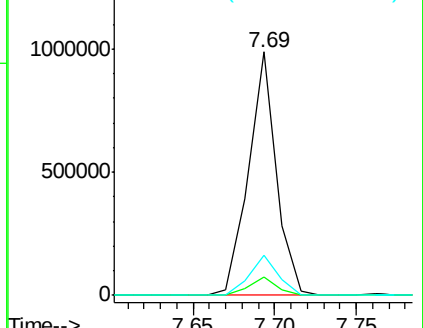
APPROVED



Abundance Ion 82.00 (81.70 to 82.70): BF091334.D (-469) (-)

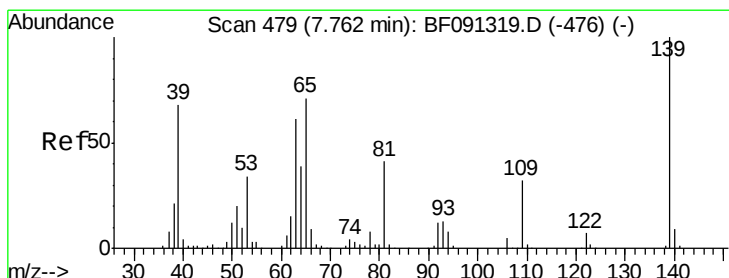
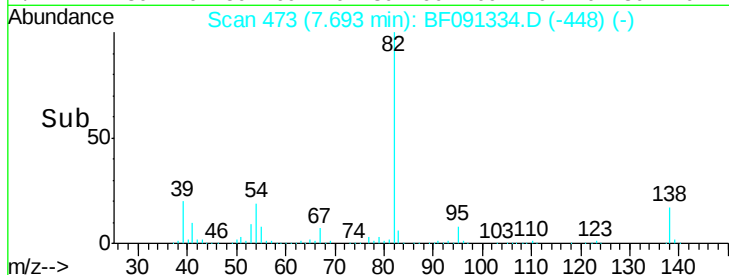
Ion 95.00 (94.70 to 95.70): BF091334.D (-469) (-)

Ion 138.00 (137.70 to 138.70): BF091334.D (-469) (-)



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11/30/2016 10:33:50 AM



#26

2-Nitrophenol

Concen: 51.18 ng

RT: 7.77 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF091334.D

Acq: 29 Nov 2016 18:37

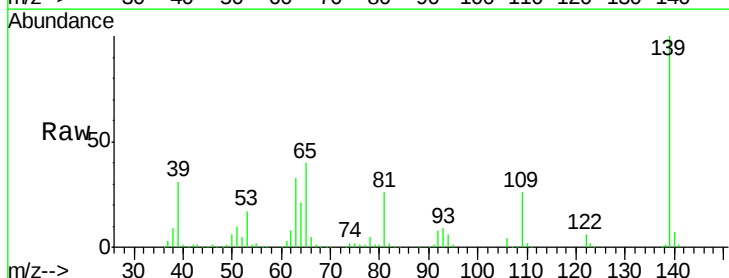
Tgt Ion: 139 Resp: 313820

Ion Ratio Lower Upper

139 100

109 26.0 25.3 37.9

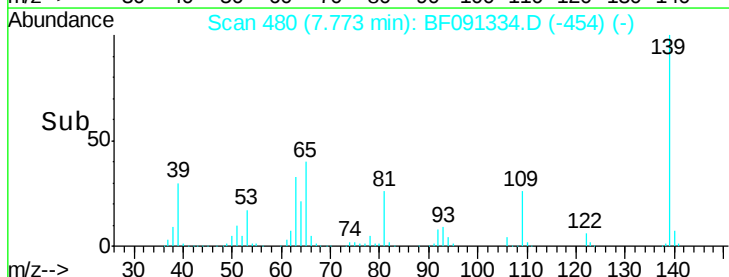
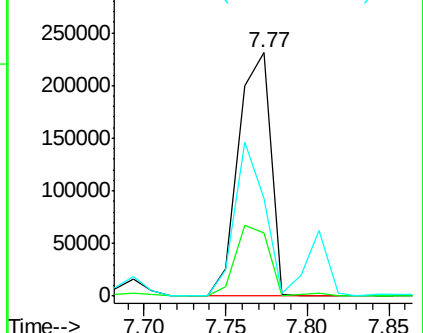
65 39.9 55.4 83.2#

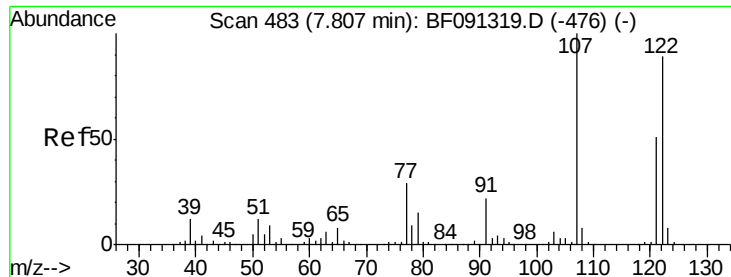


Abundance Ion 139.00 (138.70 to 139.70): BF091334.D (-454) (-)

Ion 109.00 (108.70 to 109.70): BF091334.D (-454) (-)

Ion 65.00 (64.70 to 65.70): BF091334.D (-454) (-)



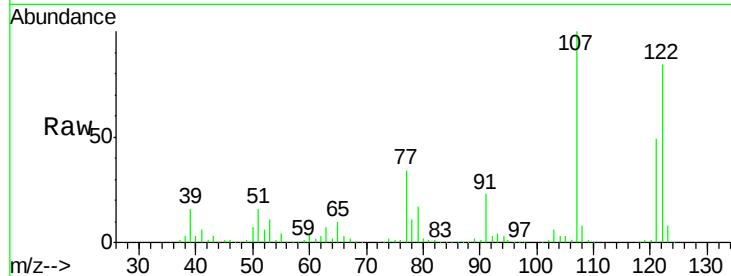


#27
2,4-Dimethylphenol
Concen: 46.13 ng
RT: 7.81 min Scan# 483
Delta R.T. -0.01 min
Lab File: BF091334.D
Acq: 29 Nov 2016 18:37

Instrument :
BNA_F
ClientSampleId :
PHOENIX-BPMMS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	529180		
107	118.8	96.8	145.2	
121	57.8	47.7	71.5	

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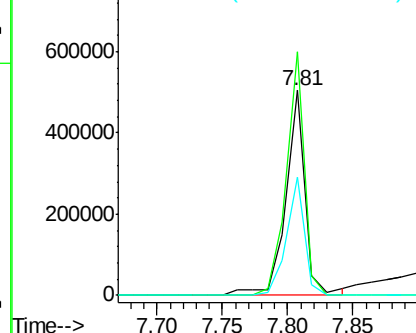


Abundance

Ion 122.00 (121.70 to 122.70): E

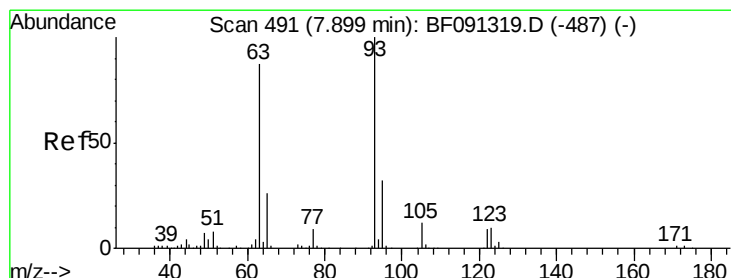
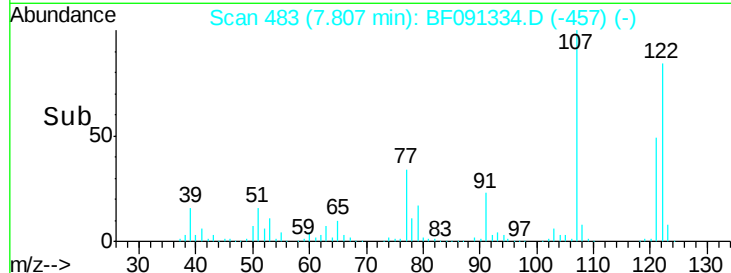
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



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#28
bis(2-Chloroethoxy)methane
Concen: 53.31 ng
RT: 7.91 min Scan# 492
Delta R.T. -0.01 min
Lab File: BF091334.D
Acq: 29 Nov 2016 18:37

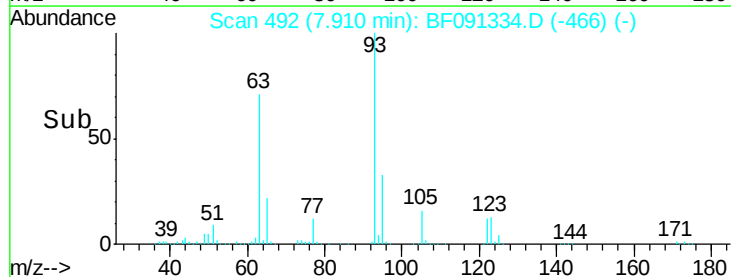
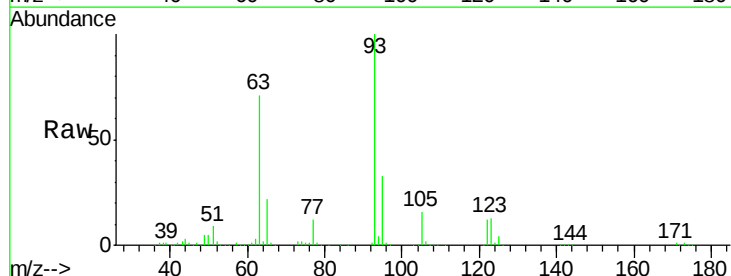
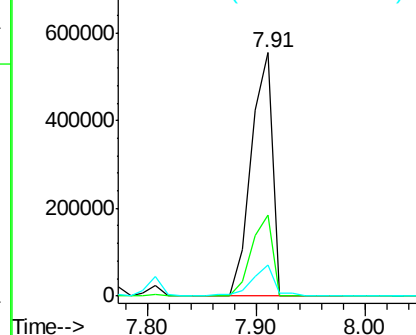
Tgt Ion	Ratio	Resp	Lower	Upper
93	100	747139		
95	33.4	26.0	39.0	
123	12.9	8.6	12.8#	

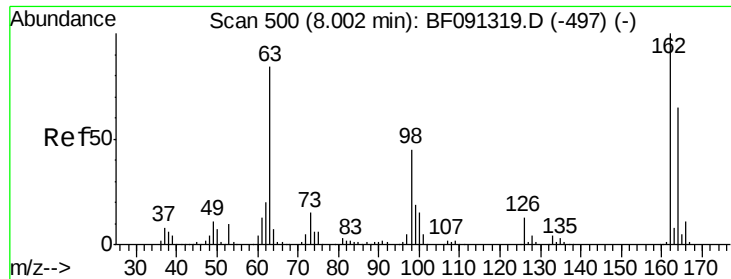
Abundance

Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E



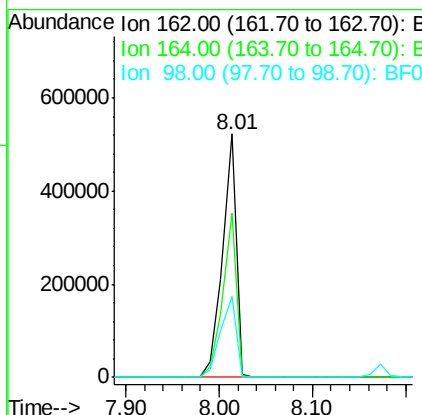
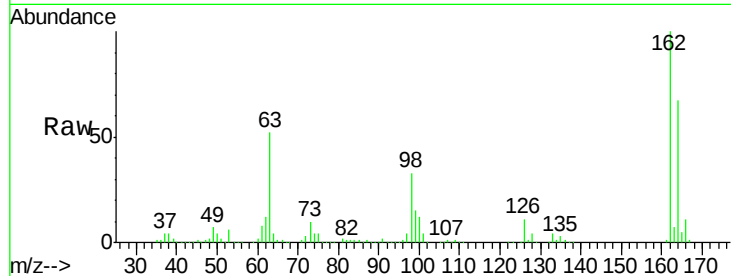


#29
 2,4-Dichlorophenol
 Concen: 52.82 ng
 RT: 8.01 min Scan# 501
 Delta R.T. -0.01 min
 Lab File: BF091334.D
 Acq: 29 Nov 2016 18:37

Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-BPMMS

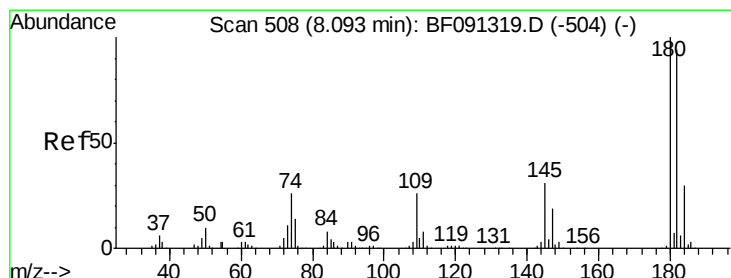
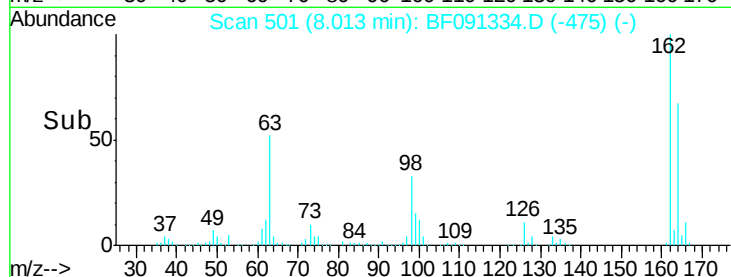
Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	67.4	45.0	85.0
98	33.3	21.3	61.3

Manual Integrations
 APPROVED



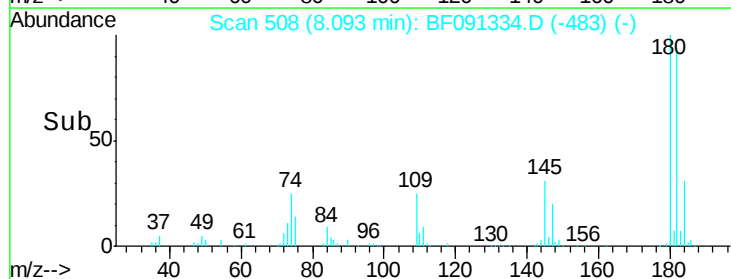
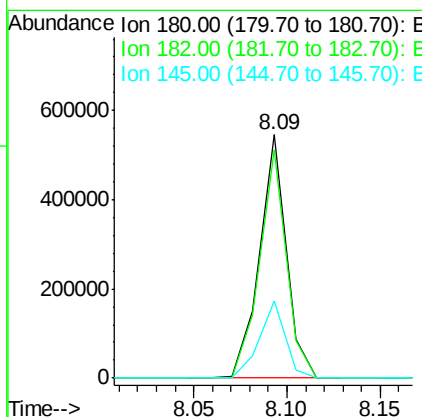
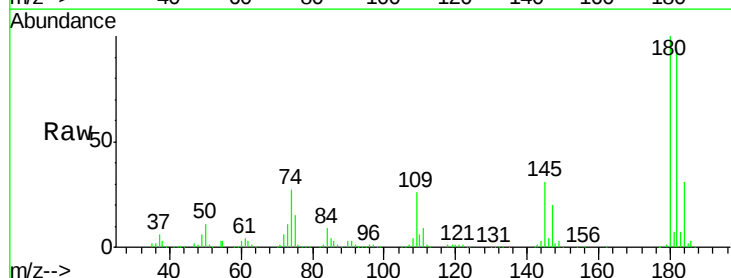
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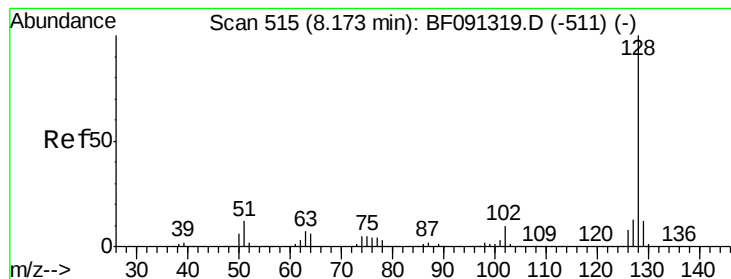
11/30/2016 10:33:50 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 47.67 ng
 RT: 8.09 min Scan# 508
 Delta R.T. -0.02 min
 Lab File: BF091334.D
 Acq: 29 Nov 2016 18:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.6	75.8	113.8
145	31.5	27.0	40.4





#31

Naphthalene

Concen: 44.59 ng

RT: 8.17 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF091334.D

Acq: 29 Nov 2016 18:37

Instrument :

BNA_F

ClientSampleId :

PHOENIX-BPMMS

Tgt Ion:128 Resp: 1560876

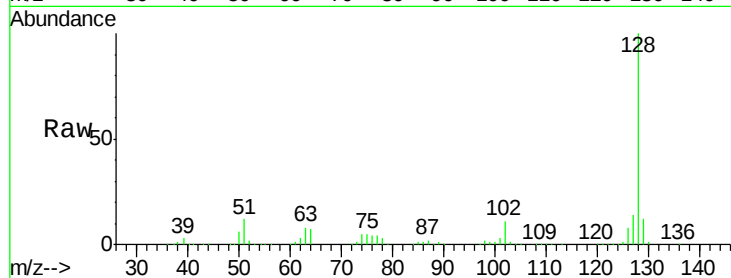
Ion Ratio Lower Upper

128 100

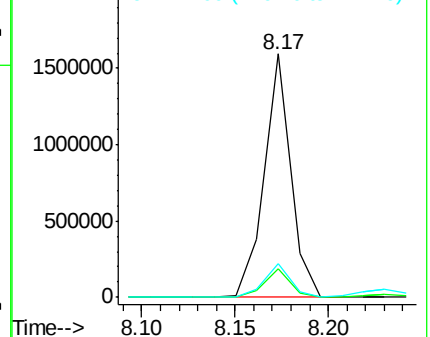
129 11.7 9.1 13.7

127 13.7 11.0 16.4

Manual Integrations
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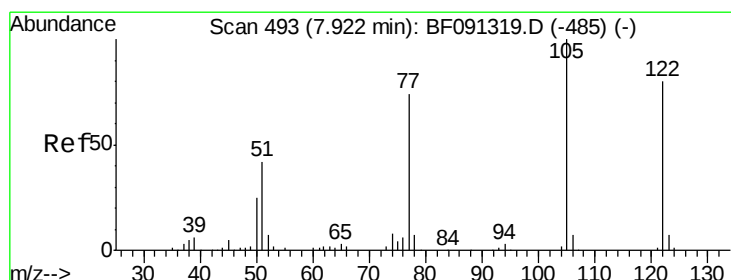
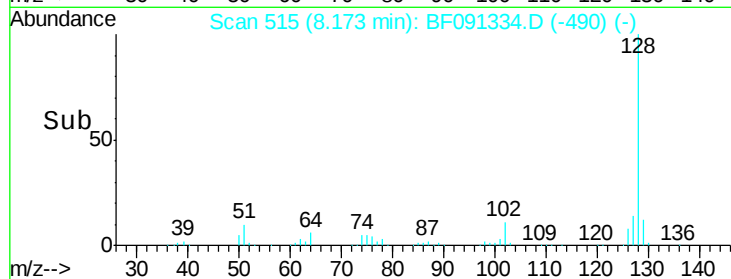


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



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#32

Benzoic acid

Concen: 37.94 ng

RT: 7.93 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF091334.D

Acq: 29 Nov 2016 18:37

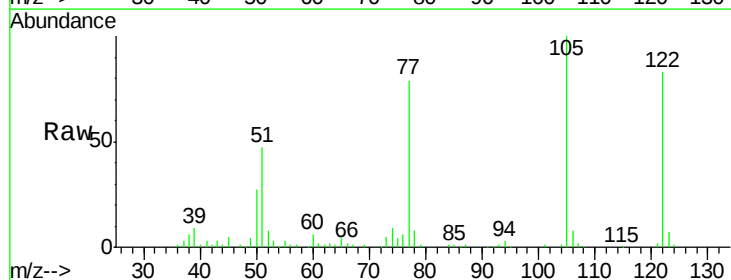
Tgt Ion:122 Resp: 320790

Ion Ratio Lower Upper

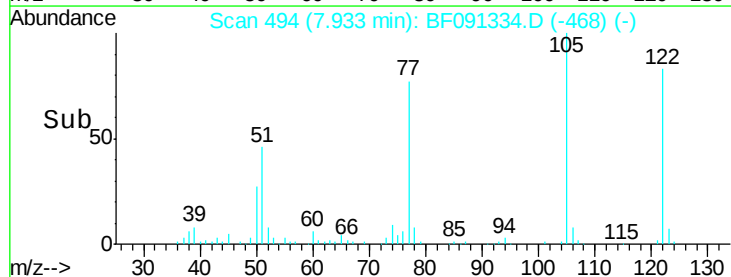
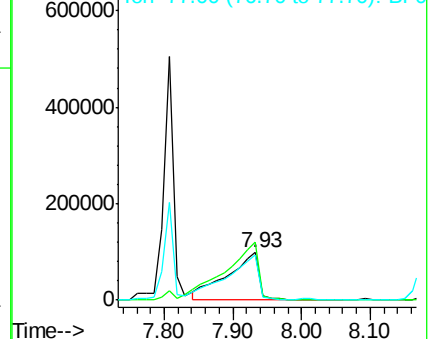
122 100

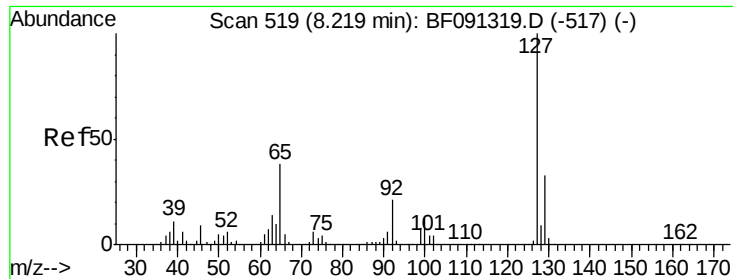
105 121.2 113.0 153.0

77 95.4 82.0 122.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0



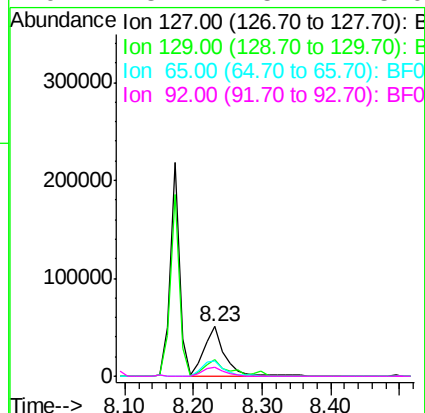
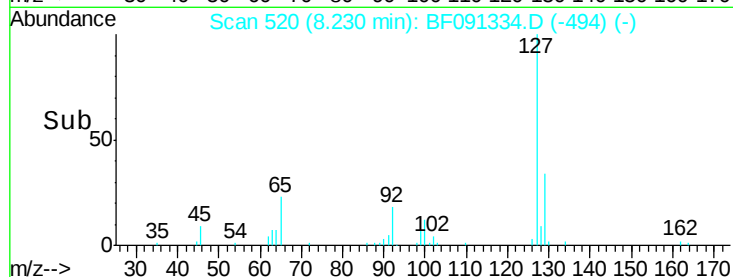
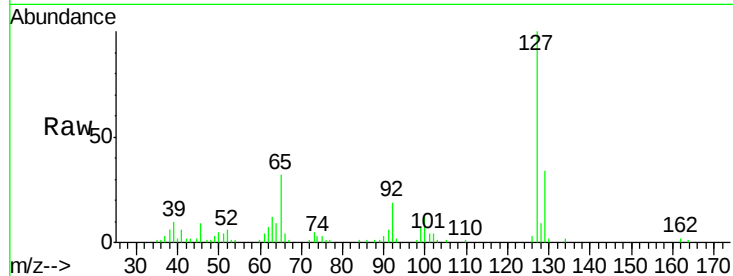


#33
4-Chloroaniline
Concen: 7.05 ng
RT: 8.23 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF091334.D
Acq: 29 Nov 2016 18:37

Instrument :
BNA_F
ClientSampleId :
PHOENIX-BPMMS

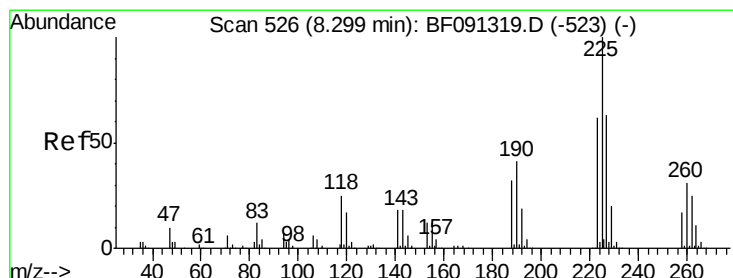
Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.9	26.2	39.4	
65	31.8	26.6	39.8	
92	18.7	15.4	23.0	

Manual Integrations
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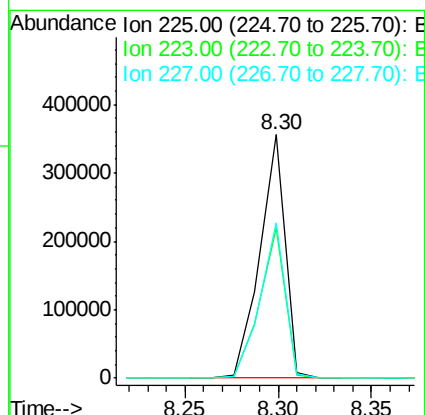
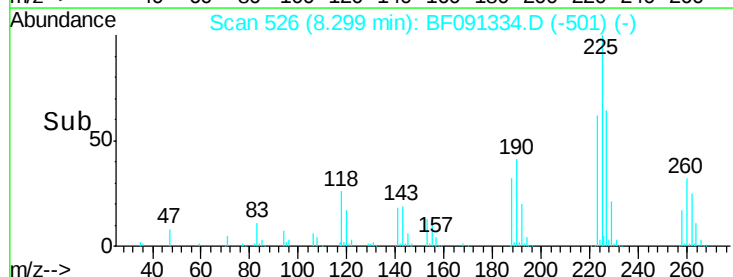
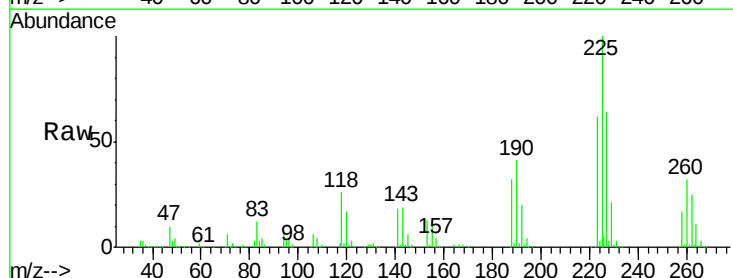
sohil

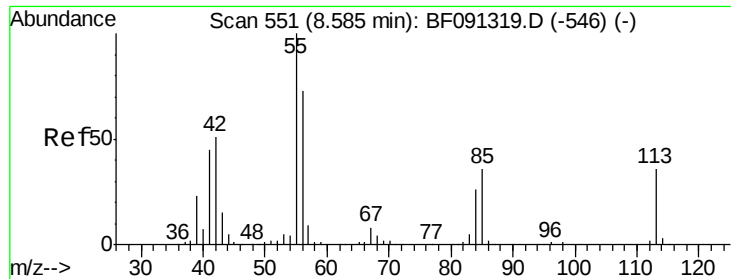
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#34
Hexachlorobutadiene
Concen: 48.71 ng
RT: 8.30 min Scan# 526
Delta R.T. -0.02 min
Lab File: BF091334.D
Acq: 29 Nov 2016 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.6	49.8	74.6	
227	63.9	52.6	79.0	



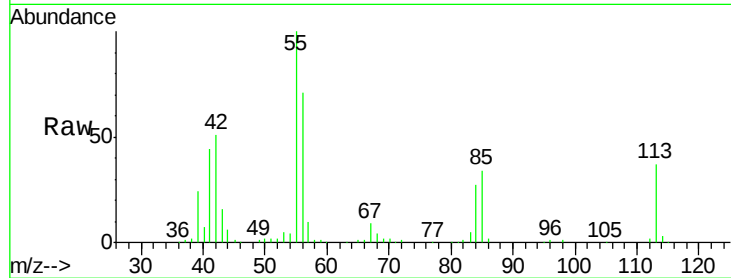


#35
 Caprolactam
 Concen: 51.42 ng m
 RT: 8.60 min Scan# 552
 Delta R.T. -0.02 min
 Lab File: BF091334.D
 Acq: 29 Nov 2016 18:37

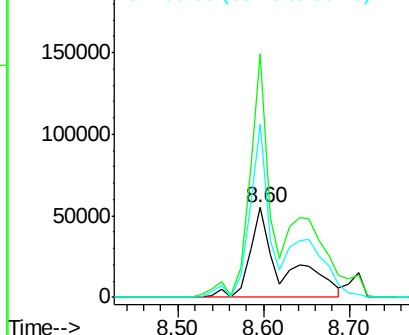
Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-BPMMS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	271.4	239.8	279.8
56	193.2	165.6	205.6

Manual Integrations
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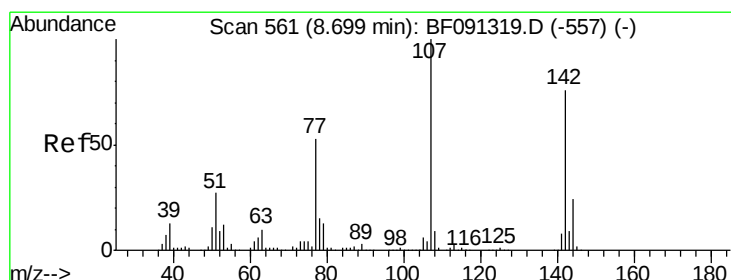
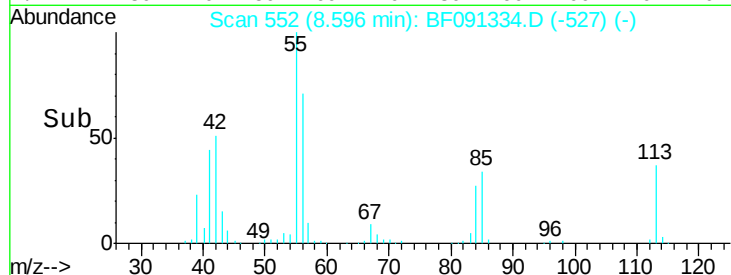


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0



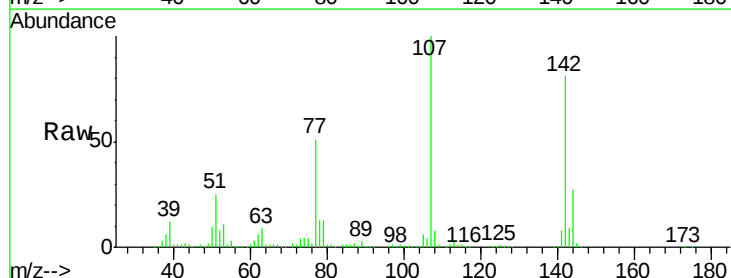
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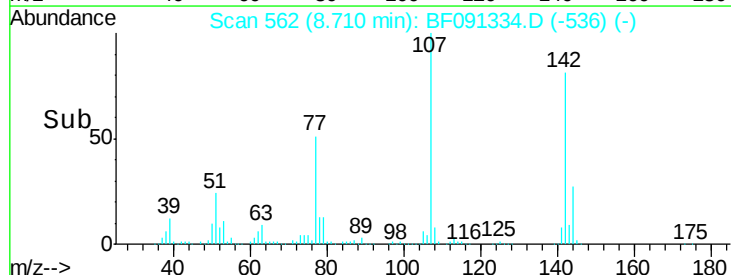
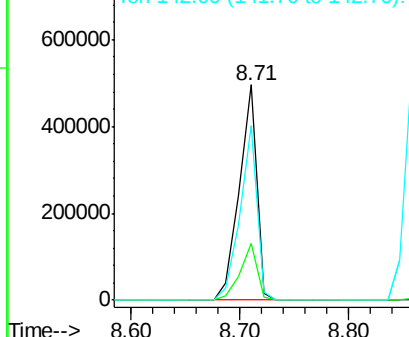


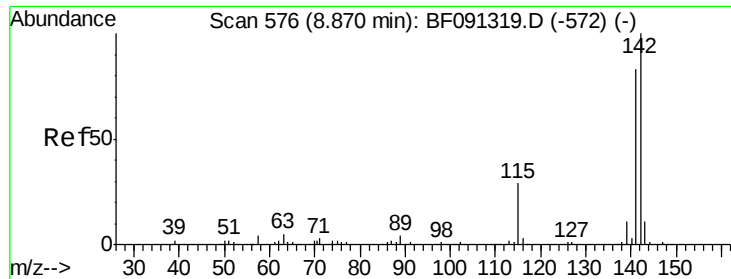
#36
 4-Chloro-3-methylphenol
 Concen: 50.23 ng
 RT: 8.71 min Scan# 562
 Delta R.T. -0.01 min
 Lab File: BF091334.D
 Acq: 29 Nov 2016 18:37

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.5	18.9	28.3
142	80.9	58.5	87.7



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E



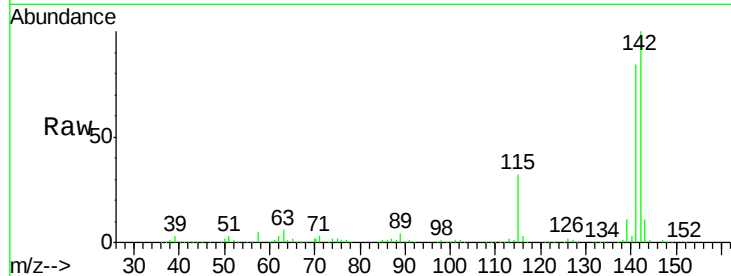


#37
2-Methylnaphthalene
Concen: 50.08 ng
RT: 8.87 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF091334.D
Acq: 29 Nov 2016 18:37

Instrument :
BNA_F
ClientSampleId :
PHOENIX-BPMMS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	84.0	71.7	107.5
115	32.3	25.0	37.6

Manual Integrations
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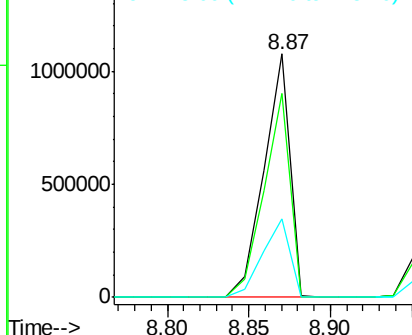


Abundance

Ion 142.00 (141.70 to 142.70): E

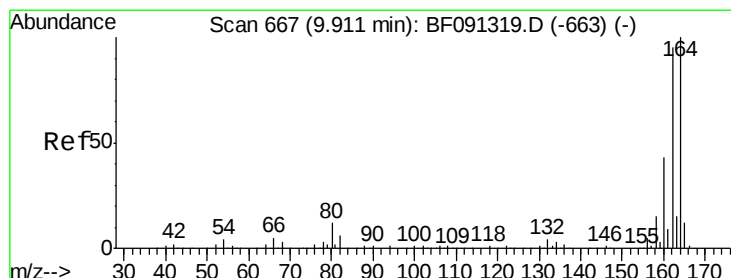
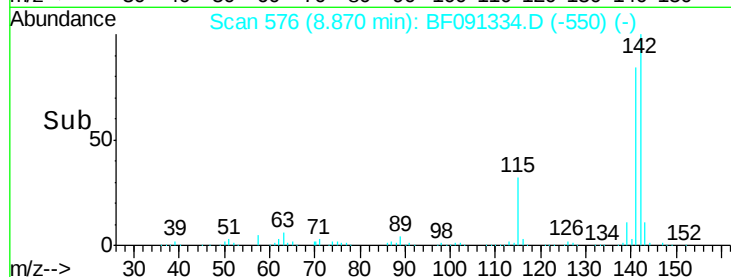
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



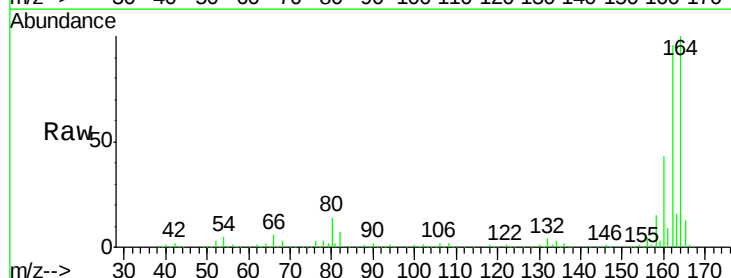
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF091334.D
Acq: 29 Nov 2016 18:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.8	82.6	124.0
160	43.3	36.7	55.1

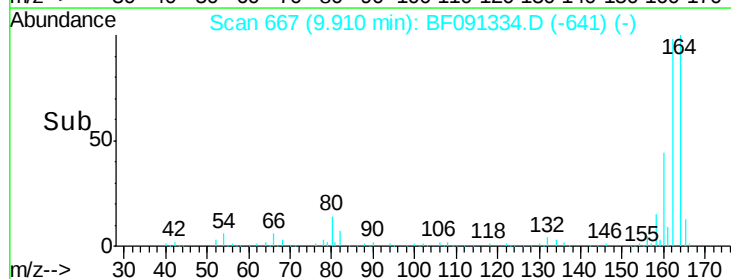
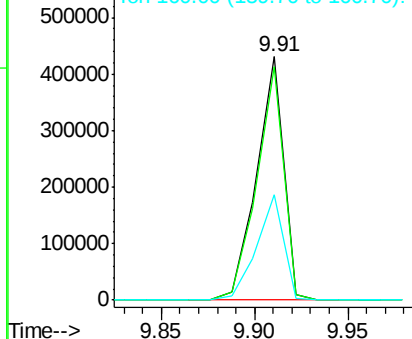


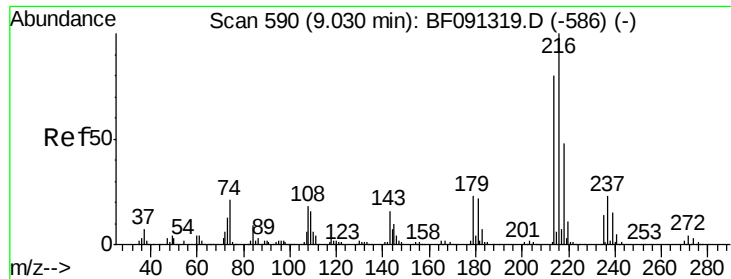
Abundance

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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.77 ng

RT: 9.03 min Scan# 590

Delta R.T. -0.02 min

Lab File: BF091334.D

Acq: 29 Nov 2016 18:37

Instrument :

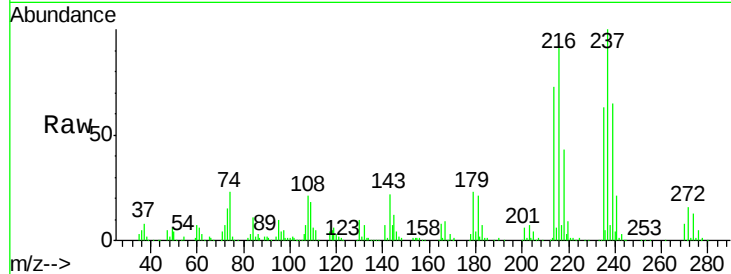
BNA_F

ClientSampleId :

PHOENIX-BPMMS

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.8	95.8
179	21.8	18.2	27.2
108	20.8	17.2	25.8

Manual Integrations
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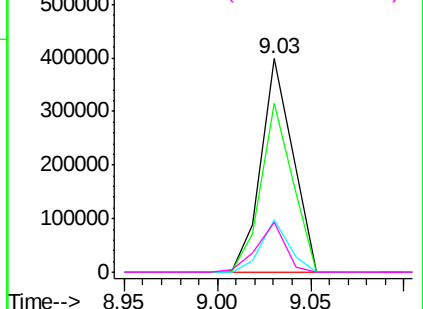
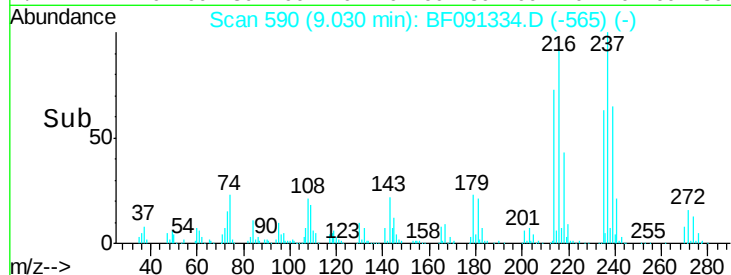
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

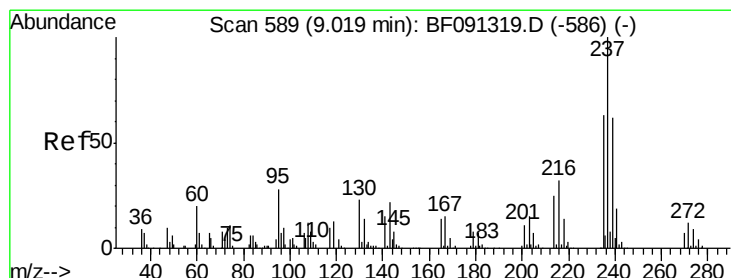
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



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#40

Hexachlorocyclopentadiene

Concen: 110.17 ng

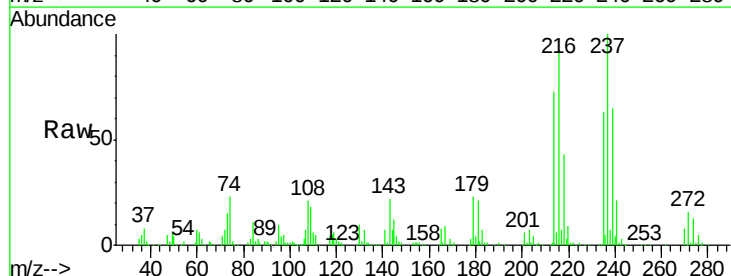
RT: 9.03 min Scan# 590

Delta R.T. -0.01 min

Lab File: BF091334.D

Acq: 29 Nov 2016 18:37

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.4	43.9	83.9
272	16.0	0.0	33.1

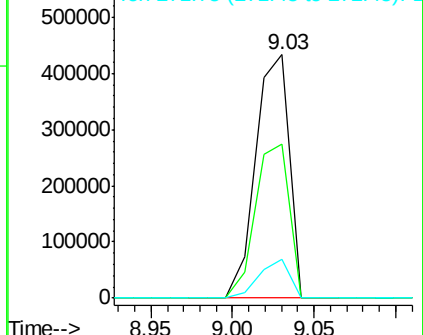
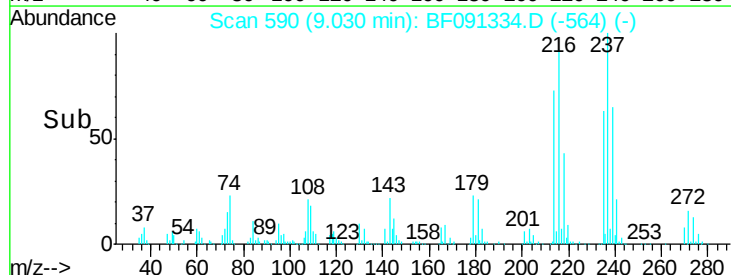


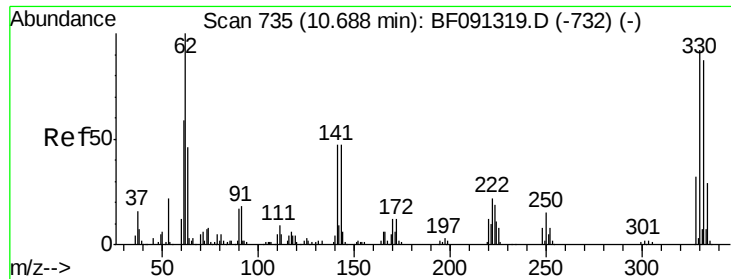
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



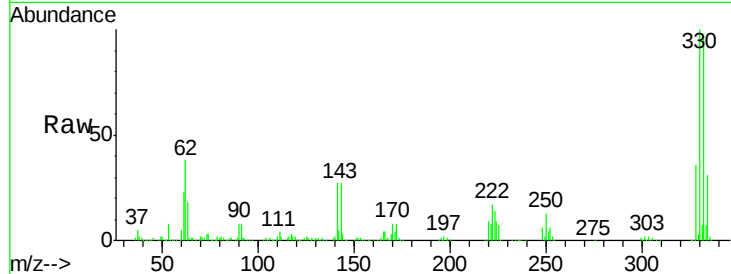


#41
 2,4,6-Tribromophenol
 Concen: 129.62 ng
 RT: 10.70 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BF091334.D
 Acq: 29 Nov 2016 18:37

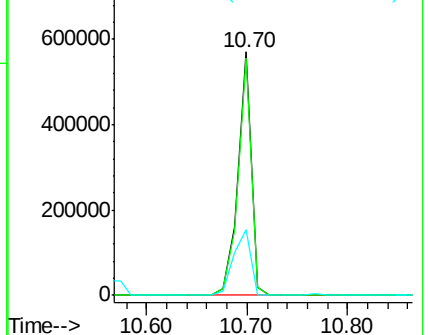
Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-BPMMS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	527427		
332	96.9	76.2	114.4	
141	34.8	33.6	50.4	

Manual Integrations
 APPROVED

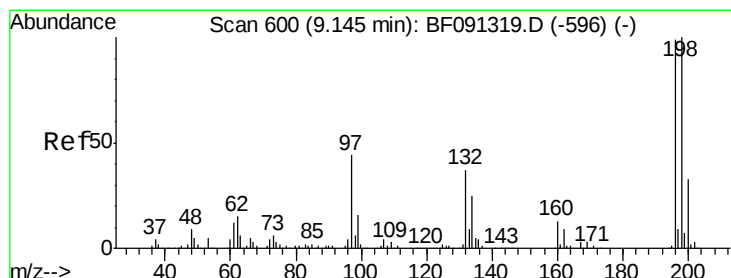
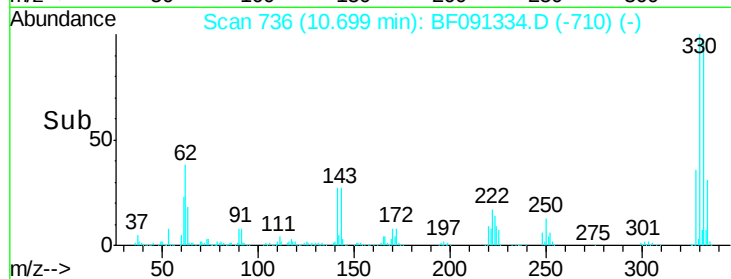


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



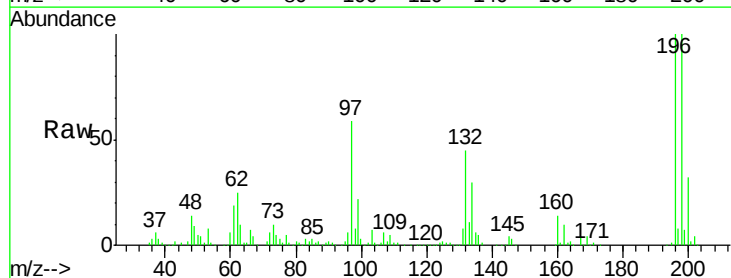
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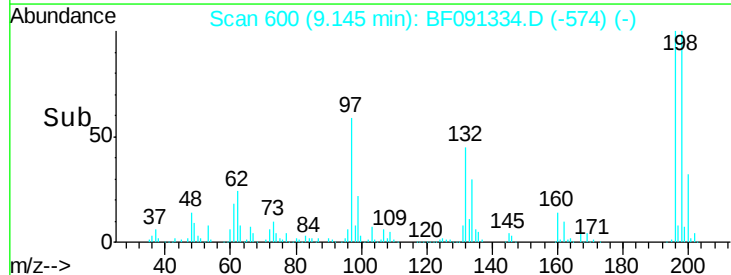
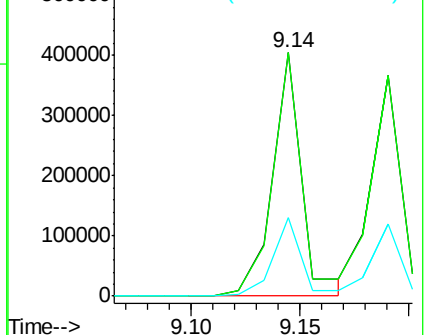


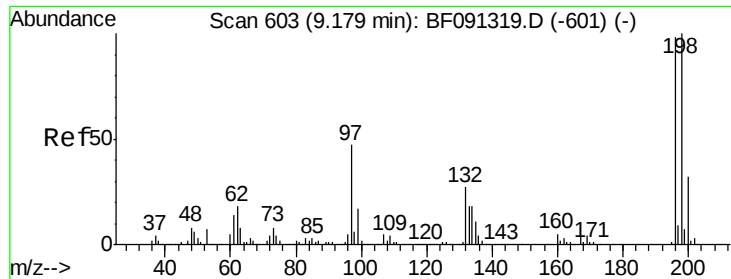
#42
 2,4,6-Trichlorophenol
 Concen: 48.51 ng
 RT: 9.14 min Scan# 600
 Delta R.T. -0.01 min
 Lab File: BF091334.D
 Acq: 29 Nov 2016 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	381983		
198	100.0	77.4	116.0	
200	32.3	25.2	37.8	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E



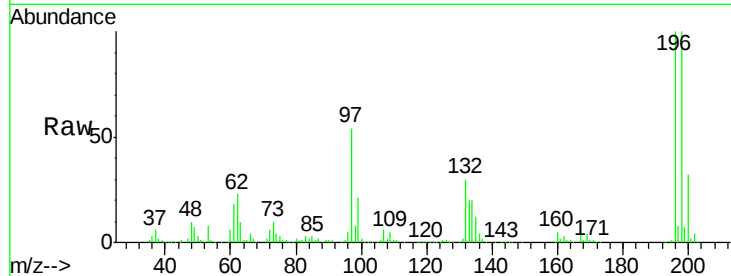


#43
 2,4,5-Trichlorophenol
 Concen: 44.25 ng
 RT: 9.19 min Scan# 604
 Delta R.T. 0.01 min
 Lab File: BF091334.D
 Acq: 29 Nov 2016 18:37

Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-BPMMS

Tgt	Ion	Resp	349230
Ion	Ratio	Lower	Upper
196	100		
198	100.4	77.0	115.6
97	54.0	33.5	50.3#
132	29.7	20.5	30.7

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Abundance

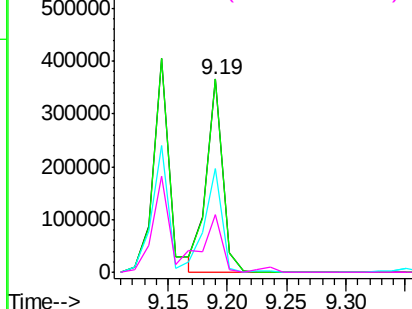
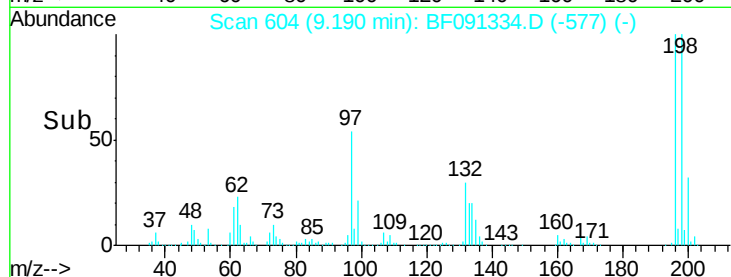
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

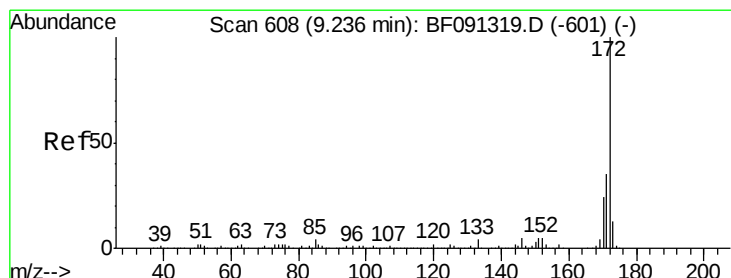
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E

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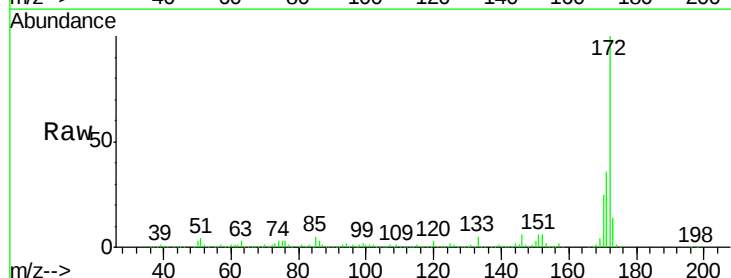


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#44
 2-Fluorobiphenyl
 Concen: 90.32 ng
 RT: 9.24 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF091334.D
 Acq: 29 Nov 2016 18:37

Tgt	Ion	Resp	2143974
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.8	19.7	29.5

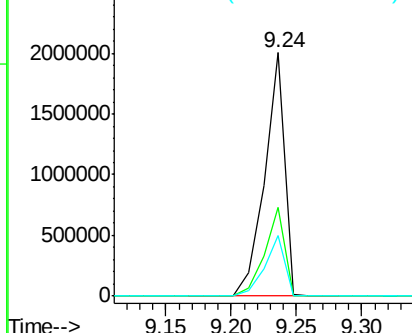
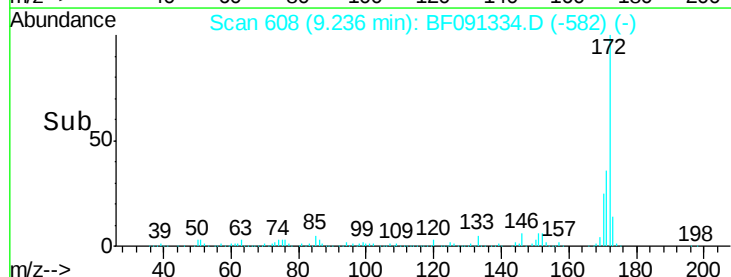


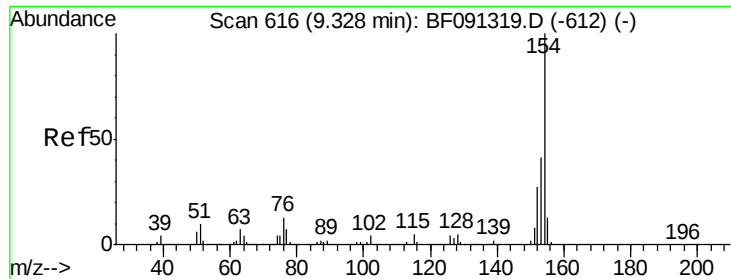
Abundance

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



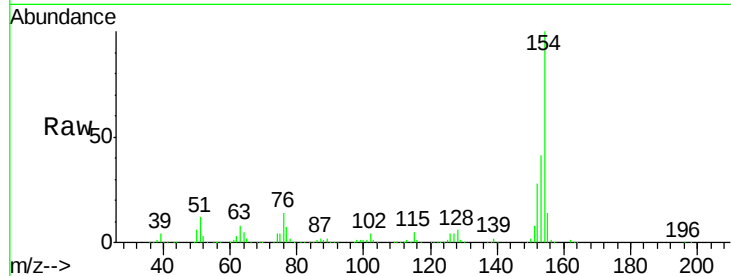


#45
1,1'-Biphenyl
Concen: 41.25 ng
RT: 9.33 min Scan# 616
Delta R.T. -0.02 min
Lab File: BF091334.D
Acq: 29 Nov 2016 18:37

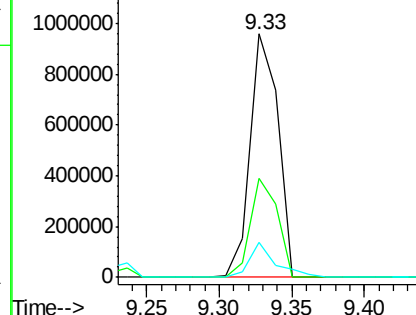
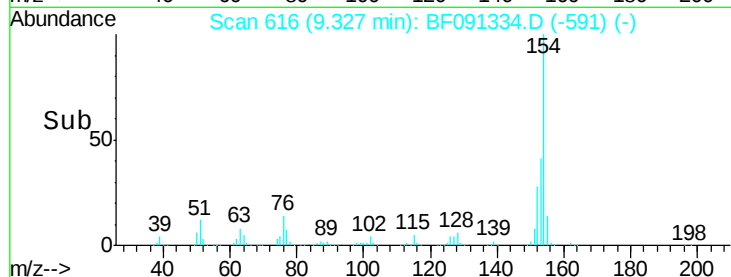
Instrument :
BNA_F
ClientSampleId :
PHOENIX-BPMMS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.6	60.6
76	14.1	0.0	36.6

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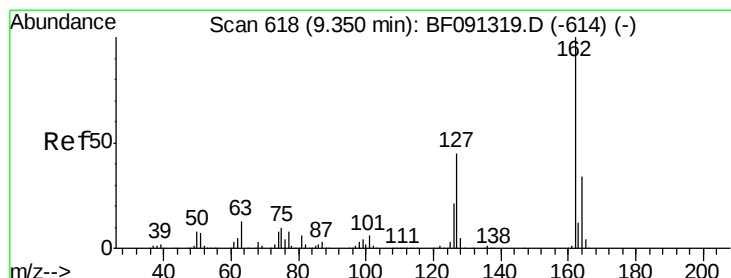


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



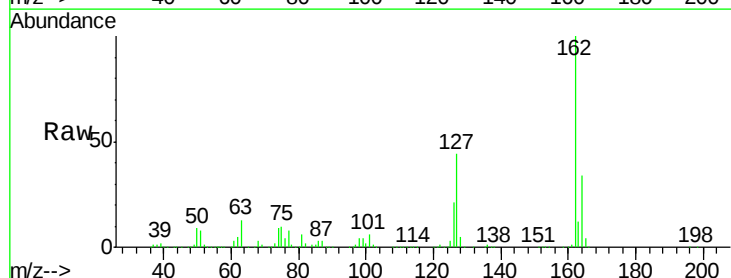
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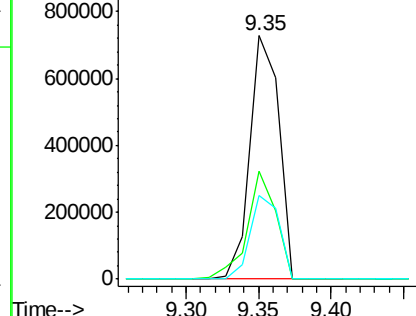
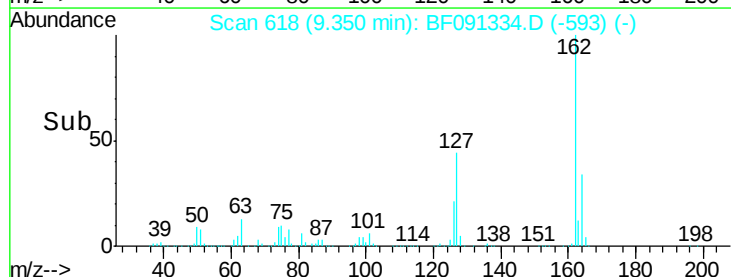


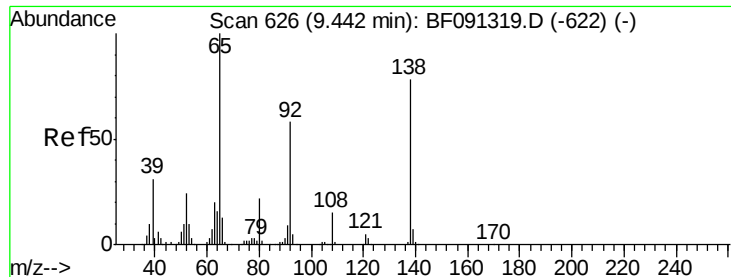
#46
2-Chloronaphthalene
Concen: 43.76 ng
RT: 9.35 min Scan# 618
Delta R.T. -0.02 min
Lab File: BF091334.D
Acq: 29 Nov 2016 18:37

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.4	34.3	51.5
164	34.3	26.6	40.0



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



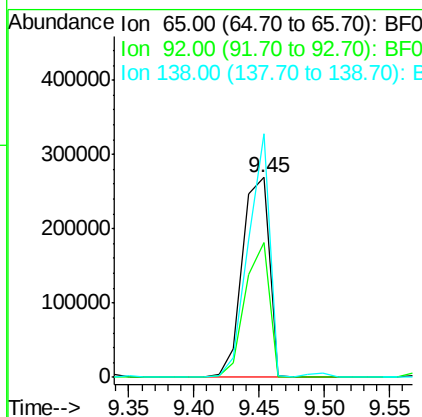
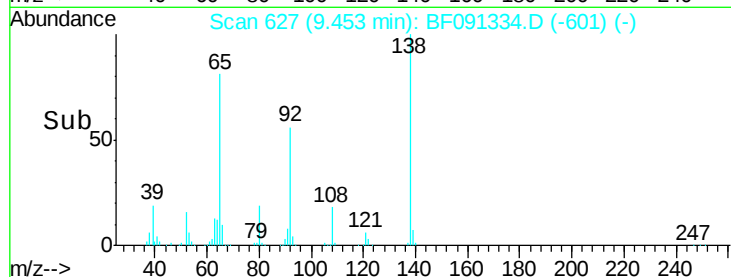
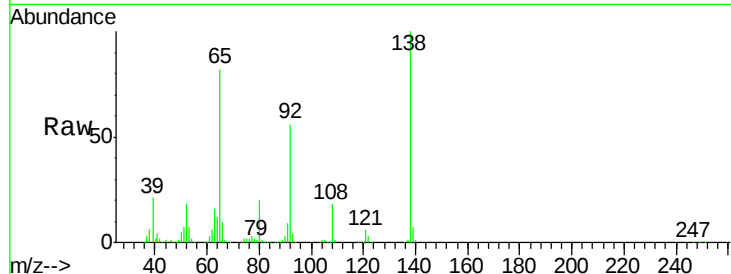


#47
2-Nitroaniline
Concen: 46.41 ng
RT: 9.45 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF091334.D
Acq: 29 Nov 2016 18:37

Instrument :
BNA_F
ClientSampleId :
PHOENIX-BPMMS

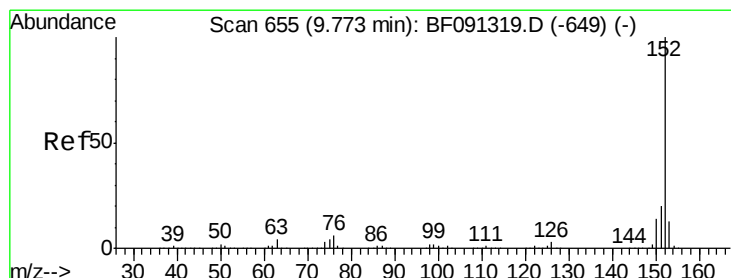
Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.7	53.6	80.4
138	121.9	91.0	136.6

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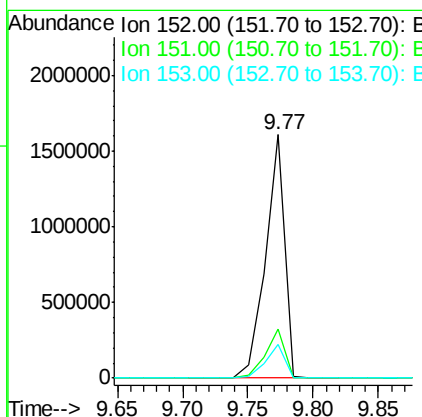
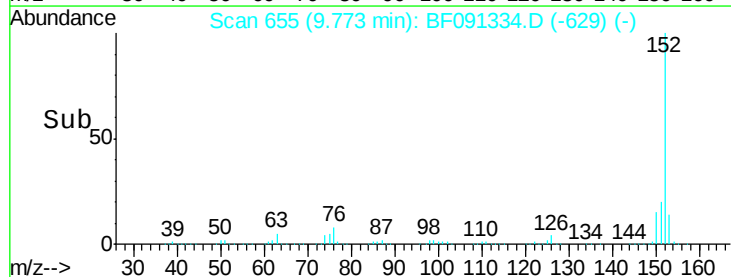
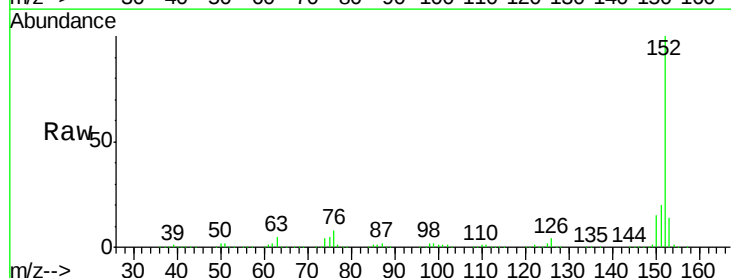
sohil

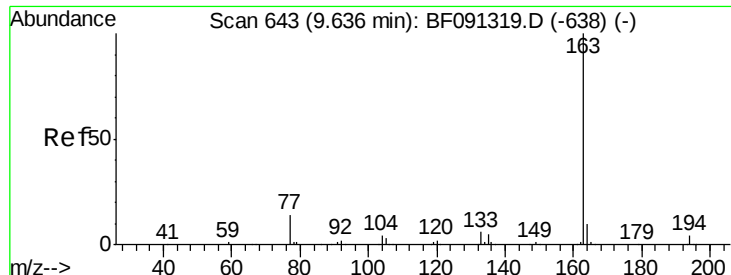
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#48
Acenaphthylene
Concen: 45.47 ng
RT: 9.77 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF091334.D
Acq: 29 Nov 2016 18:37

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.6	24.8
153	14.0	10.7	16.1



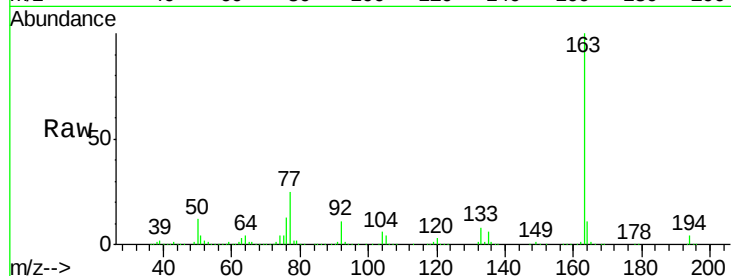


#49
Dimethylphthalate
Concen: 51.32 ng
RT: 9.64 min Scan# 643
Delta R.T. -0.02 min
Lab File: BF091334.D
Acq: 29 Nov 2016 18:37

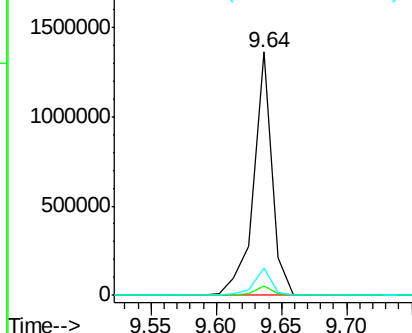
Instrument :
BNA_F
ClientSampleId :
PHOENIX-BPMMS

Tgt Ion:163 Resp: 1335685
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 11.1 7.8 11.8

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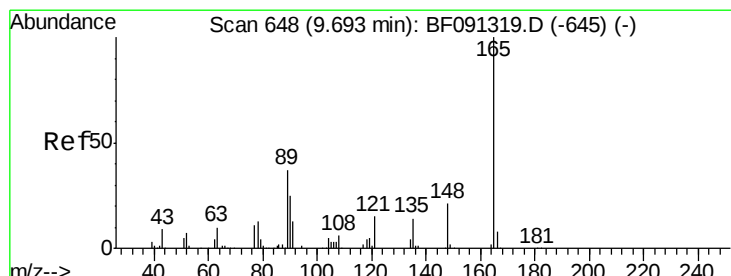
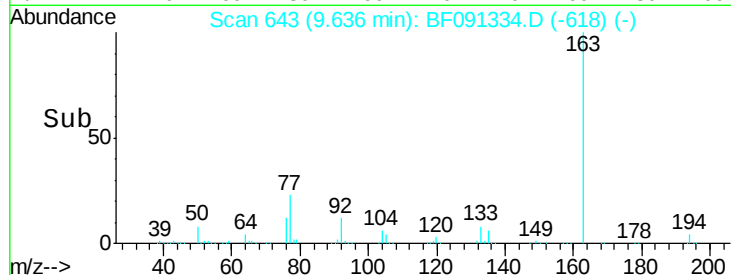


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



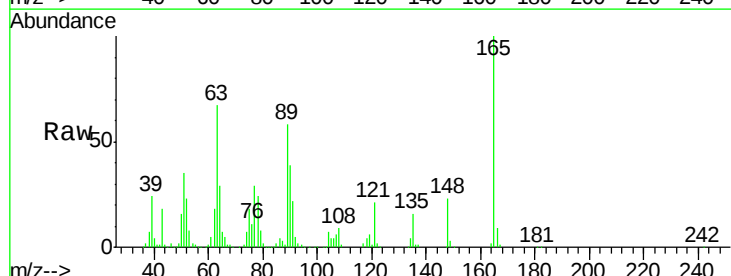
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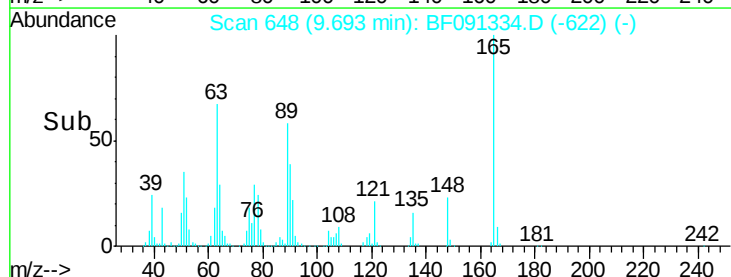
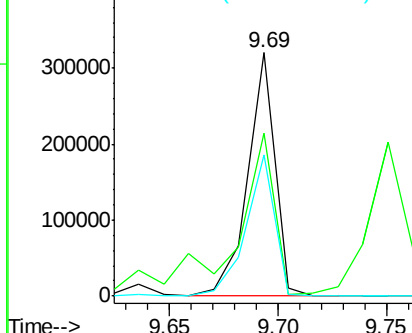


#50
2,6-Dinitrotoluene
Concen: 47.94 ng
RT: 9.69 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF091334.D
Acq: 29 Nov 2016 18:37

Tgt Ion:165 Resp: 278852
Ion Ratio Lower Upper
165 100
63 67.1 59.4 89.0
89 58.2 50.8 76.2



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 51.25 ng

RT: 9.94 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF091334.D

Acq: 29 Nov 2016 18:37

Instrument :

BNA_F

ClientSampleId :

PHOENIX-BPMMS

Tgt Ion:154 Resp: 1252622

Ion Ratio Lower Upper

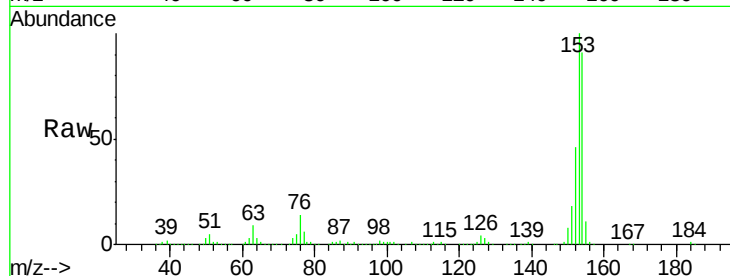
154 100

153 109.8 91.0 136.6

152 51.0 44.2 66.2

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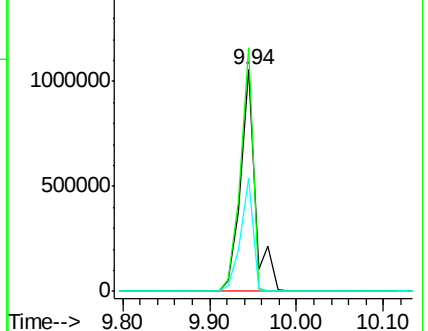
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Abundance Ion 154.00 (153.70 to 154.70): E

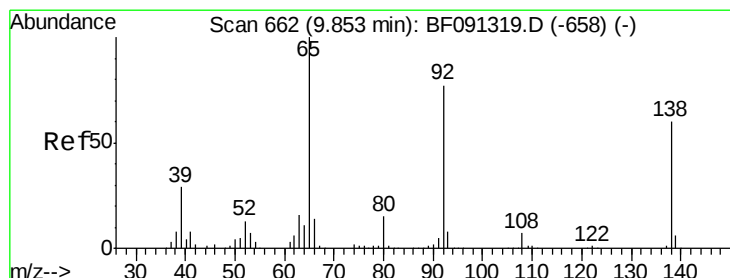
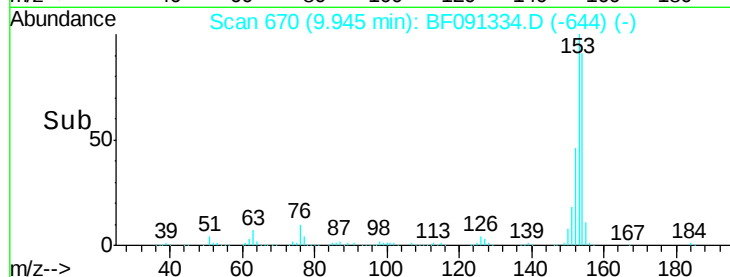
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



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#52

3-Nitroaniline

Concen: 18.00 ng

RT: 9.85 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF091334.D

Acq: 29 Nov 2016 18:37

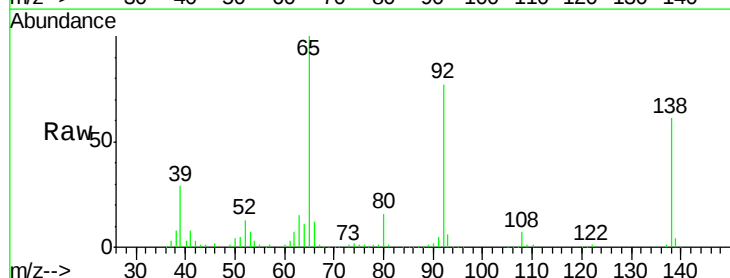
Tgt Ion:138 Resp: 121179

Ion Ratio Lower Upper

138 100

108 11.2 8.1 12.1

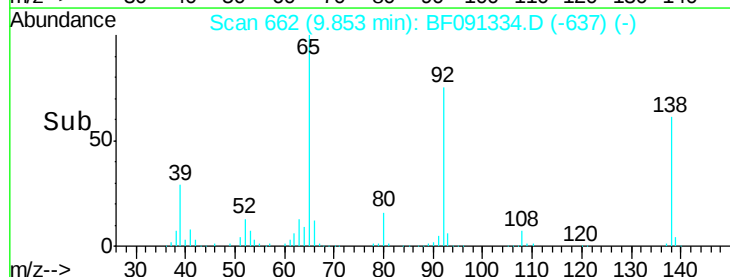
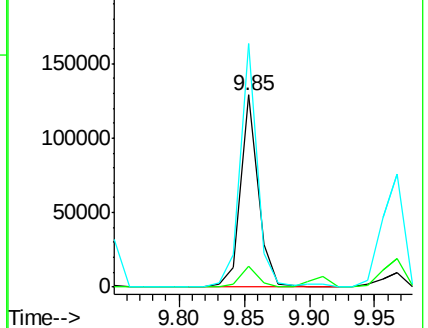
92 126.9 92.5 138.7

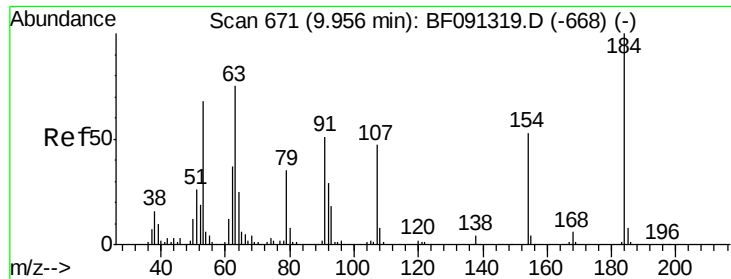


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



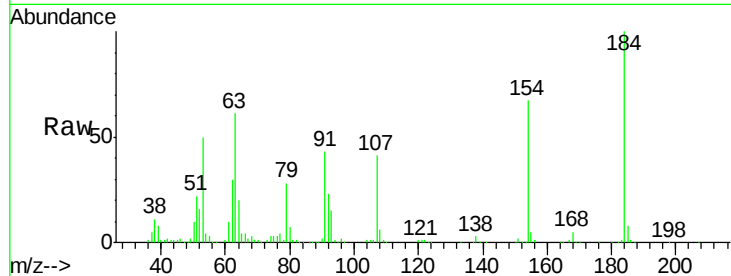


#53
2,4-Dinitrophenol
Concen: 130.69 ng
RT: 9.97 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF091334.D
Acq: 29 Nov 2016 18:37

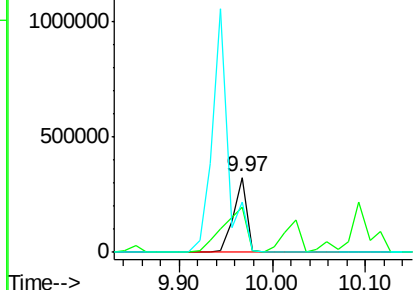
Instrument :
BNA_F
ClientSampleId :
PHOENIX-BPMMS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	332441		
63	61.2	58.3	87.5	
154	66.6	48.6	73.0	

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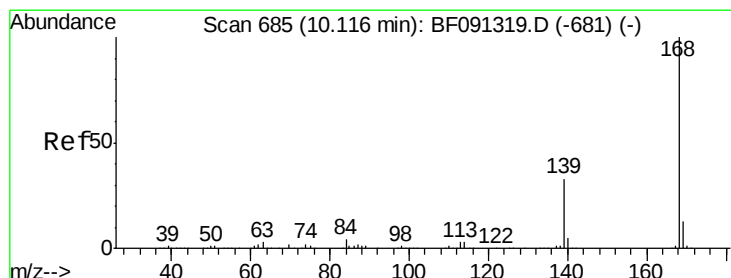
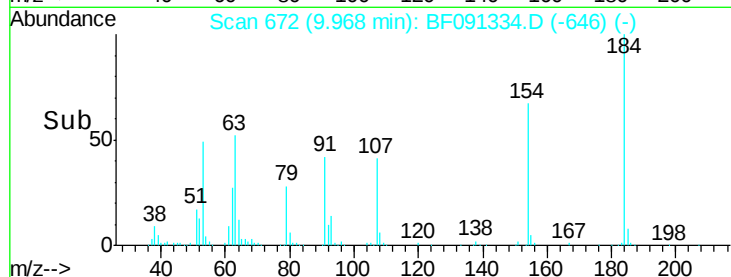


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E



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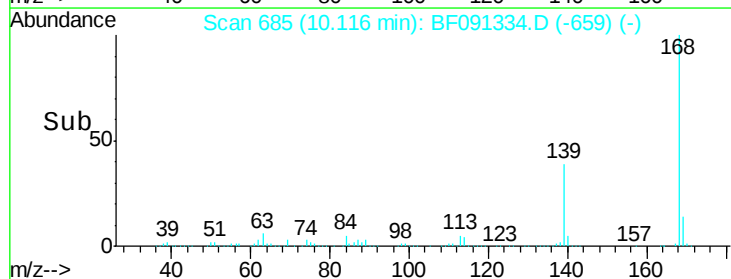
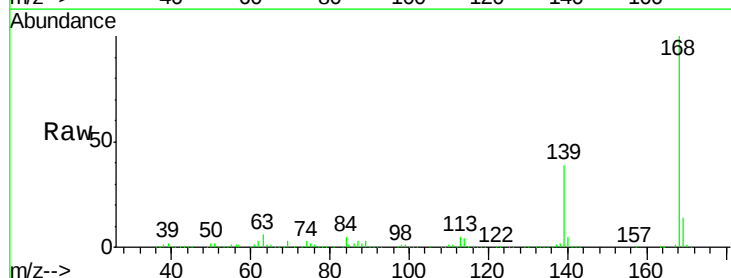
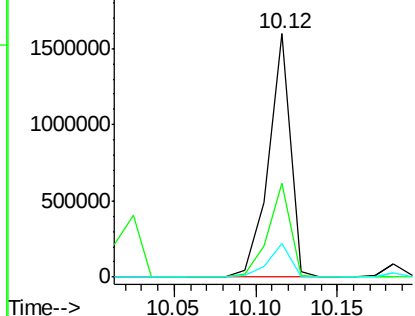
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#54
Dibenzofuran
Concen: 45.47 ng
RT: 10.12 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF091334.D
Acq: 29 Nov 2016 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1487934		
139	38.8	33.4	50.2	
169	13.6	11.1	16.7	

Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



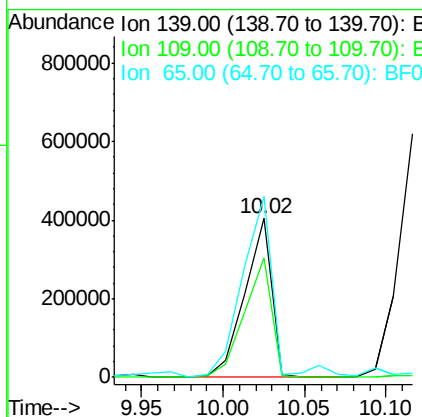
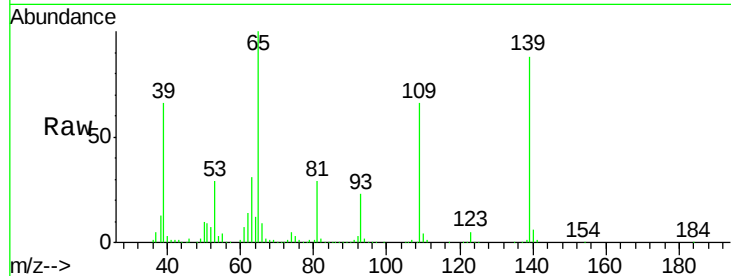


#55
4-Nitrophenol
Concen: 94.92 ng
RT: 10.02 min Scan# 677
Delta R.T. 0.01 min
Lab File: BF091334.D
Acq: 29 Nov 2016 18:37

Instrument :
BNA_F
ClientSampleId :
PHOENIX-BPMMS

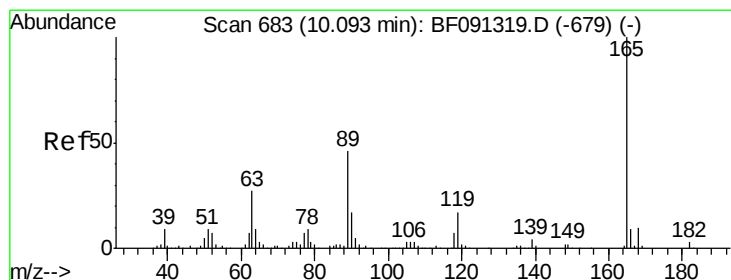
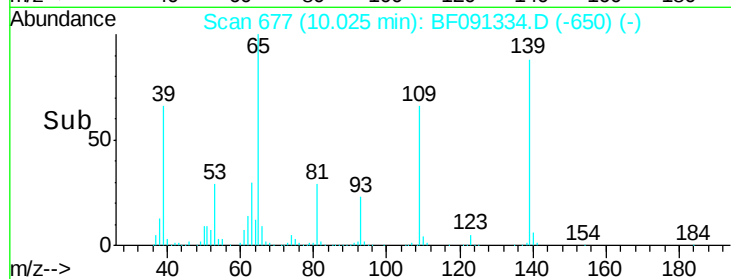
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	461591		
109	75.5	54.9	94.9	
65	113.8	102.2	142.2	

Manual Integrations
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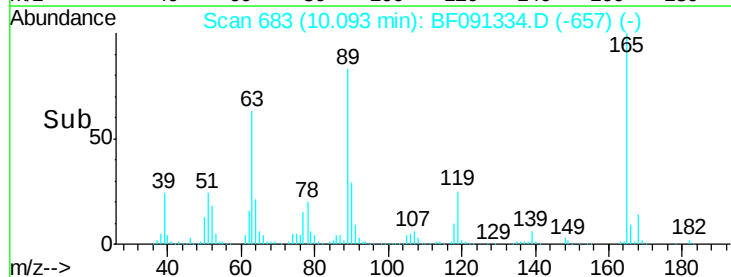
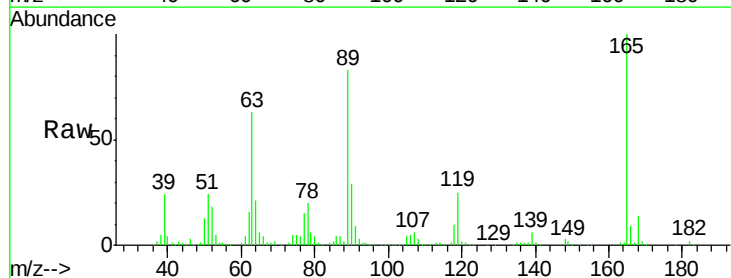
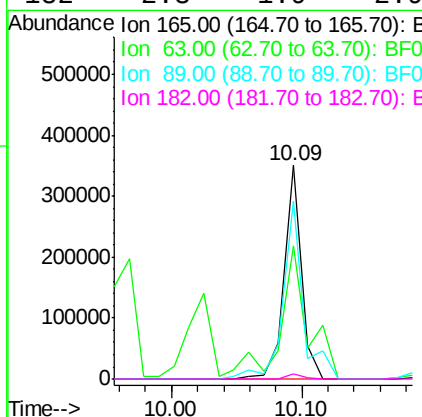
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#56
2,4-Dinitrotoluene
Concen: 43.30 ng
RT: 10.09 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF091334.D
Acq: 29 Nov 2016 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	326705		
63	62.6	29.0	43.4#	
89	83.4	43.1	64.7#	
182	2.3	1.9	2.9	



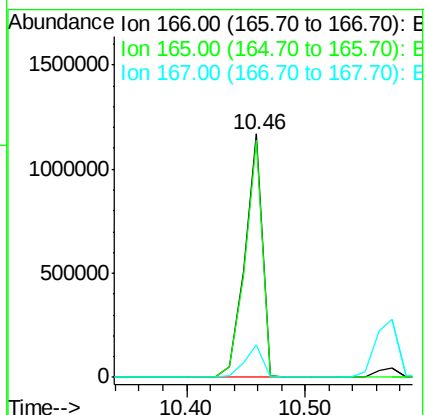
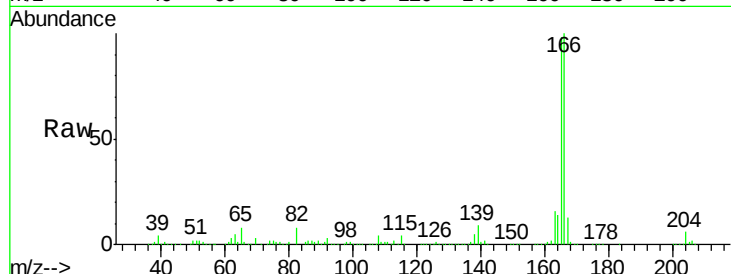


#57
Fluorene
 Concen: 47.46 ng
 RT: 10.46 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: BF091334.D
 Acq: 29 Nov 2016 18:37

Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-BPMMS

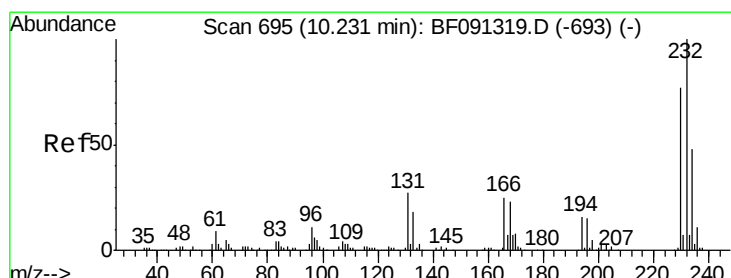
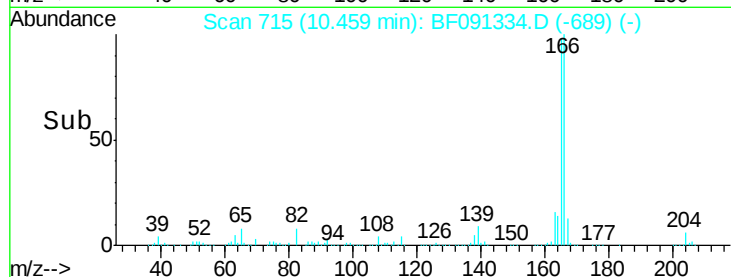
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.5	80.0	120.0
167	13.4	10.8	16.2

Manual Integrations
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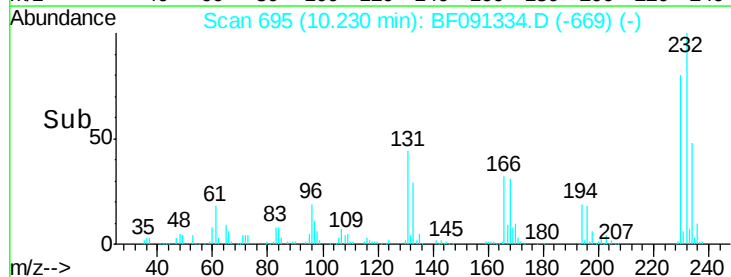
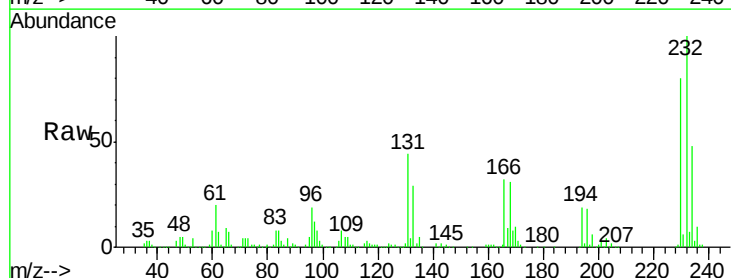
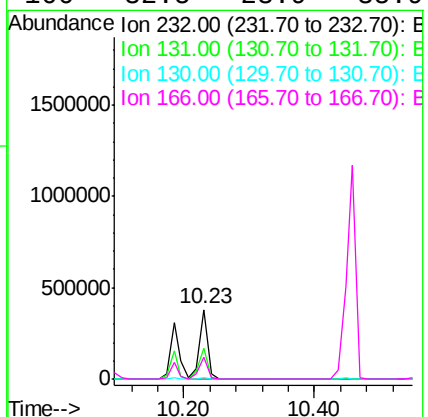
sohil

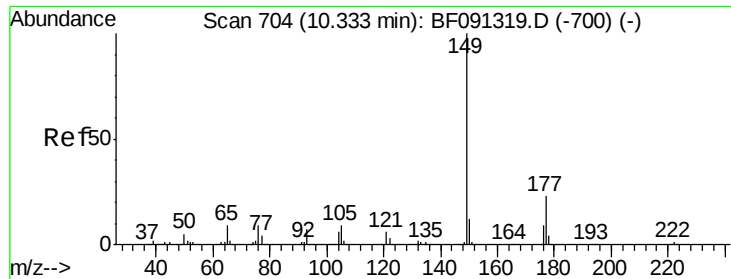
11/30/2016 10:33:50 AM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 48.25 ng
 RT: 10.23 min Scan# 695
 Delta R.T. -0.01 min
 Lab File: BF091334.D
 Acq: 29 Nov 2016 18:37

Tgt Ion	Ratio	Lower	Upper
232	100		
131	46.3	38.4	57.6
130	2.4	1.8	2.8
166	32.5	23.9	35.9



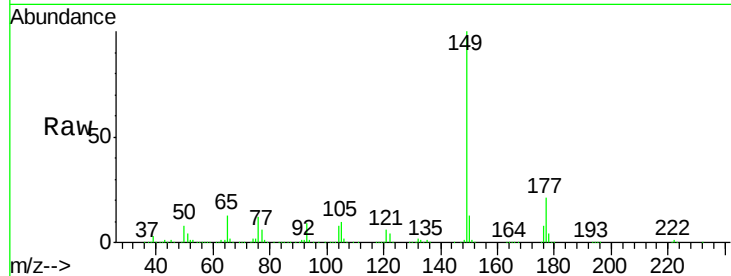


#59
Diethylphthalate
Concen: 43.01 ng
RT: 10.33 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF091334.D
Acq: 29 Nov 2016 18:37

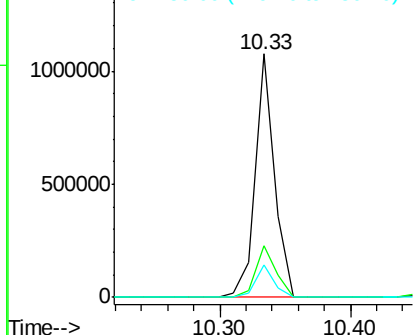
Instrument :
BNA_F
ClientSampleId :
PHOENIX-BPMMS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.0	15.7	23.5
150	13.2	10.2	15.2

Manual Integrations
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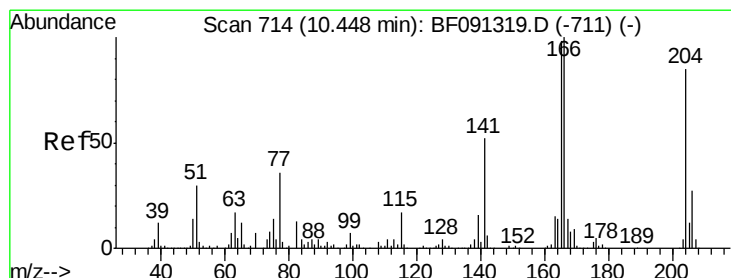
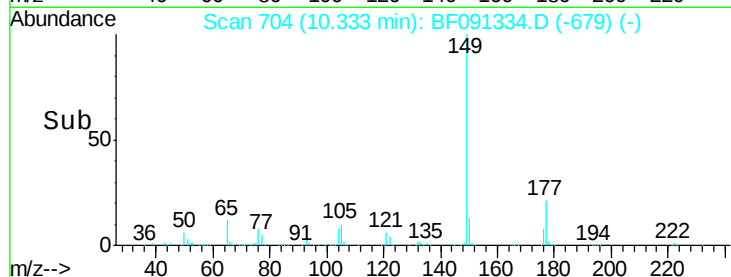


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



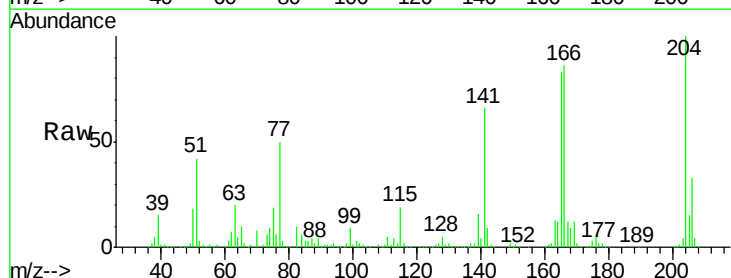
sohil

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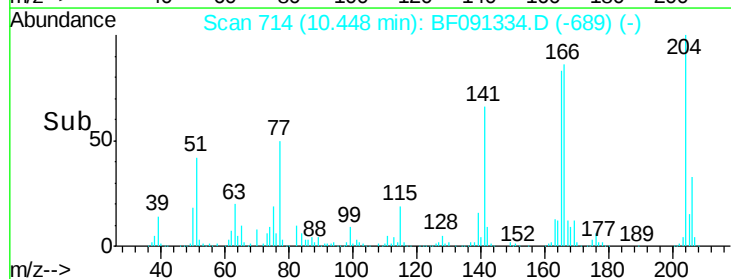
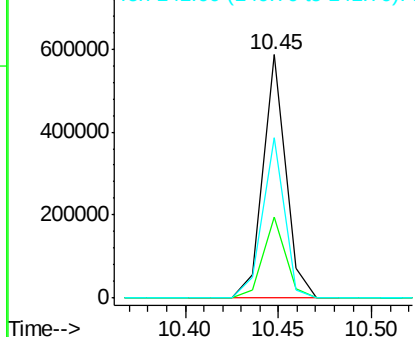


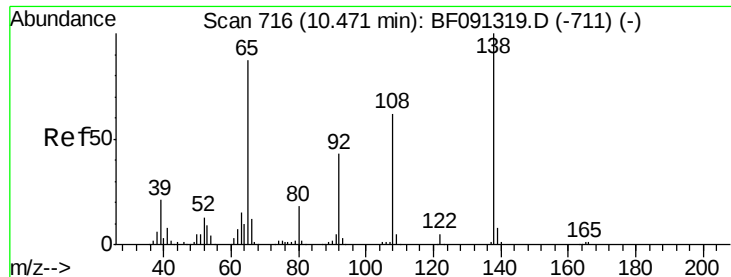
#60
4-Chlorophenyl-phenylether
Concen: 39.09 ng
RT: 10.45 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF091334.D
Acq: 29 Nov 2016 18:37

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.1	39.1
141	66.1	40.6	61.0#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



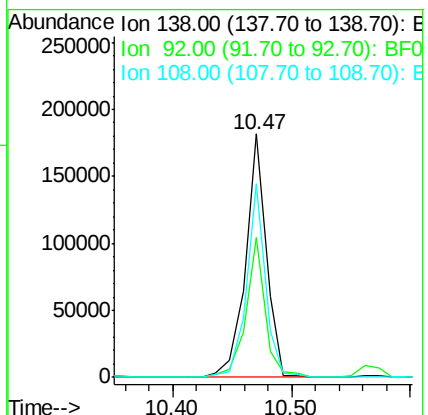
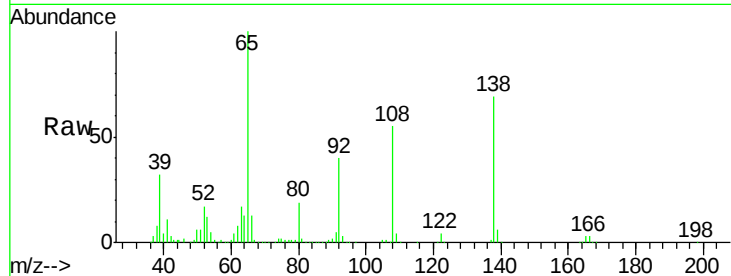


#61
4-Nitroaniline
Concen: 35.43 ng
RT: 10.47 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF091334.D
Acq: 29 Nov 2016 18:37

Instrument :
BNA_F
ClientSampleId :
PHOENIX-BPMMS

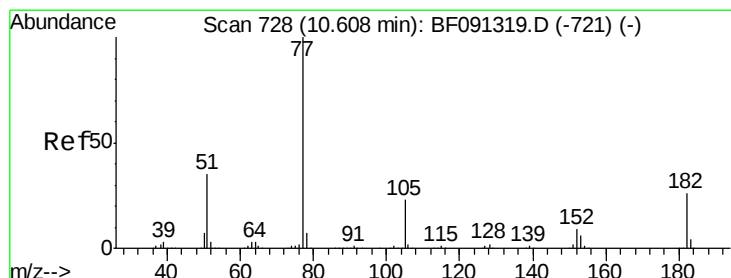
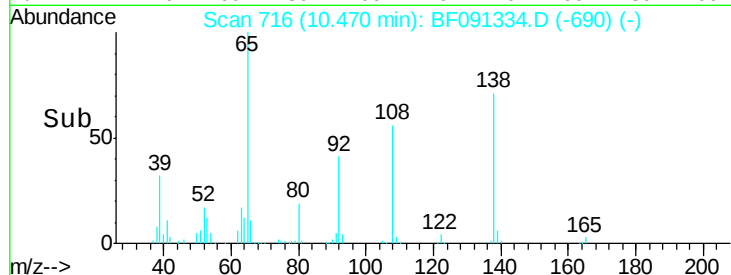
Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.6	26.9	66.9
108	79.7	49.1	89.1

Manual Integrations
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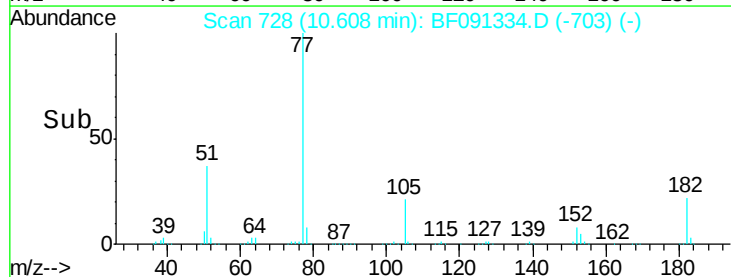
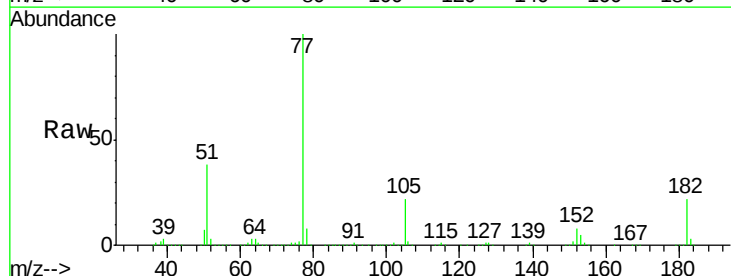
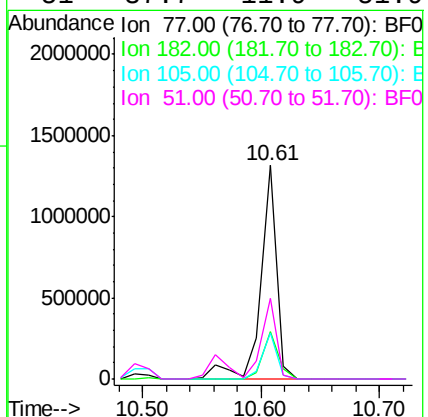
sohil

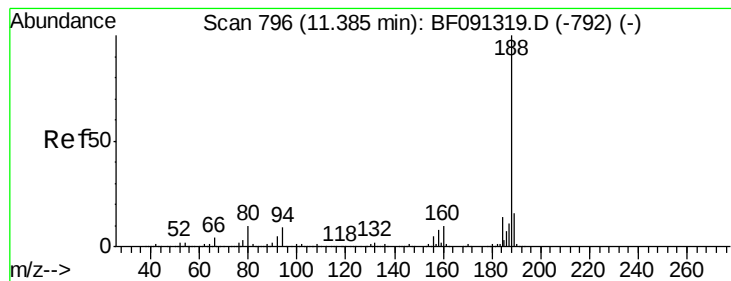
11/30/2016 10:33:50 AM



#62
Azobenzene
Concen: 47.45 ng
RT: 10.61 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF091334.D
Acq: 29 Nov 2016 18:37

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.3	12.5	52.5
105	21.8	3.7	43.7
51	37.7	11.9	51.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 796

Delta R.T. -0.02 min

Lab File: BF091334.D

Acq: 29 Nov 2016 18:37

Instrument :

BNA_F

ClientSampleId :

PHOENIX-BPMMS

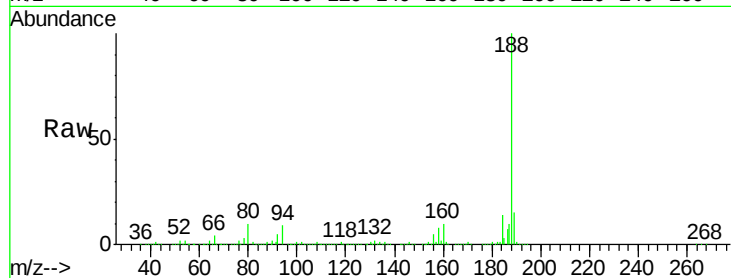
Tgt Ion:188 Resp: 672238
Ion Ratio Lower Upper

188 100

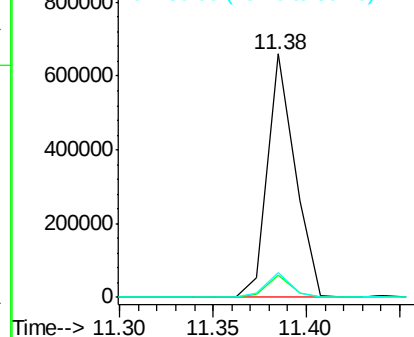
94 9.2 9.2 13.8#

80 9.9 10.5 15.7#

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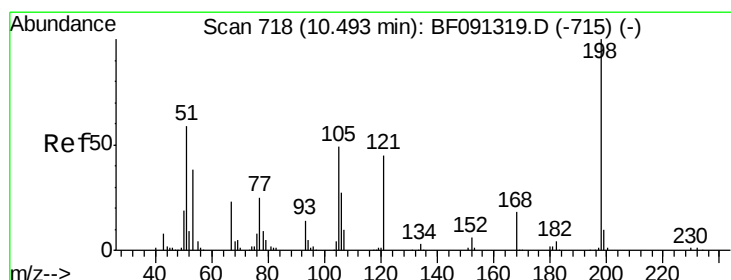
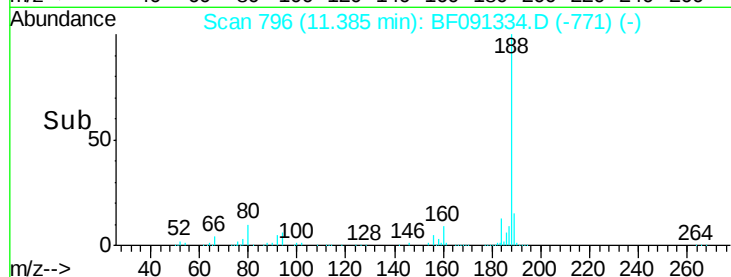


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0



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#64

4,6-Dinitro-2-methylphenol

Concen: 58.24 ng

RT: 10.50 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF091334.D

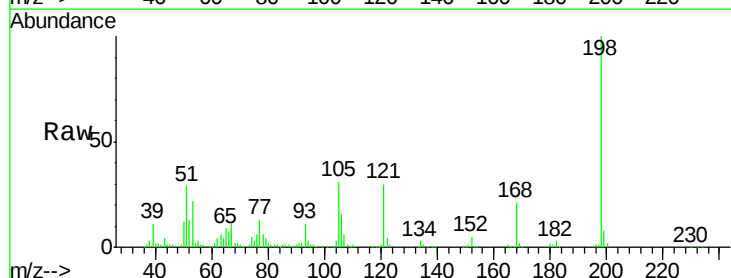
Acq: 29 Nov 2016 18:37

Tgt Ion:198 Resp: 215686
Ion Ratio Lower Upper

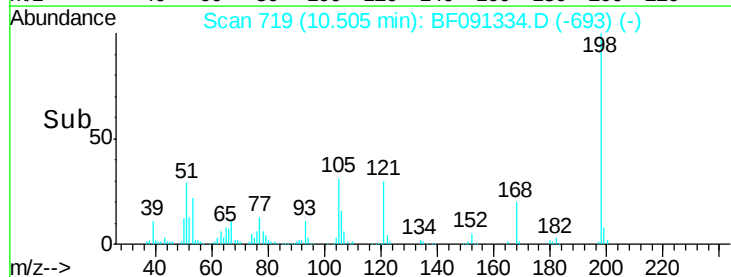
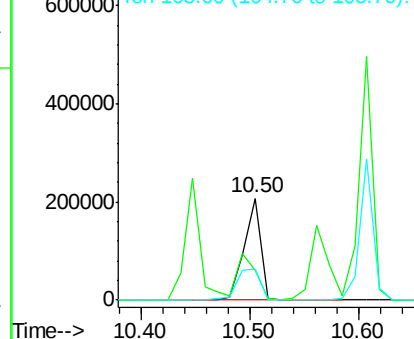
198 100

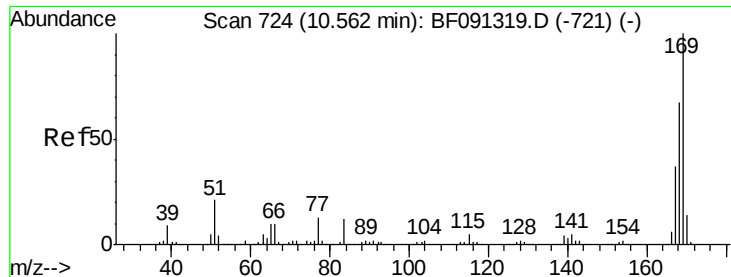
51 29.4 77.1 117.1#

105 30.7 44.8 84.8#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E



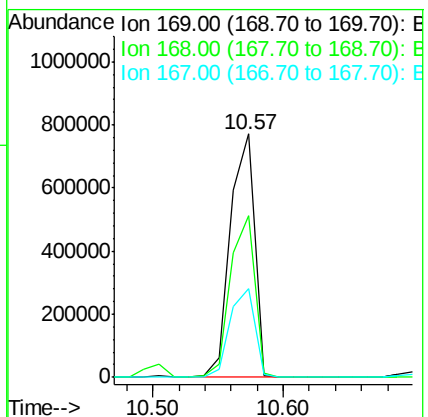
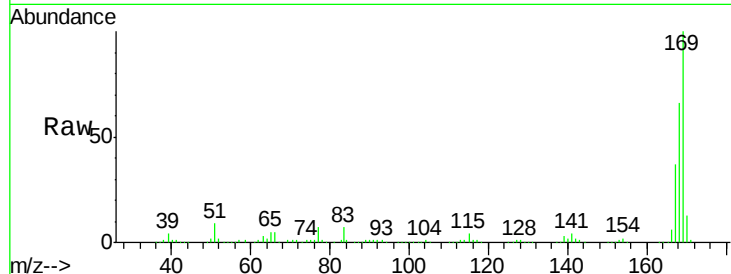


#65
 n-Nitrosodiphenylamine
 Concen: 48.44 ng
 RT: 10.57 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BF091334.D
 Acq: 29 Nov 2016 18:37

Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-BPMMS

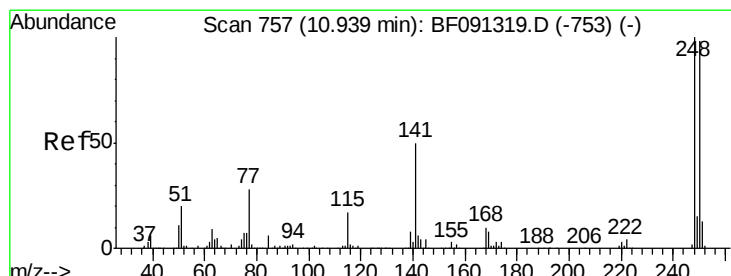
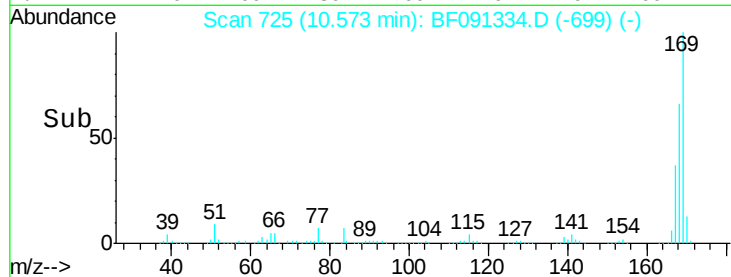
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	987341		
168	66.2	53.8	80.8	
167	36.5	29.8	44.8	

Manual Integrations
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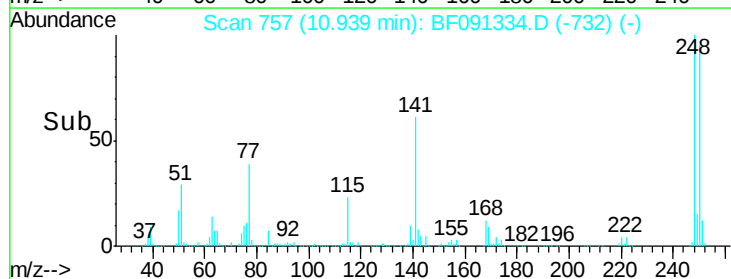
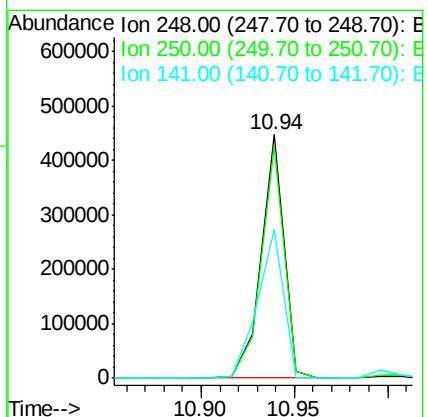
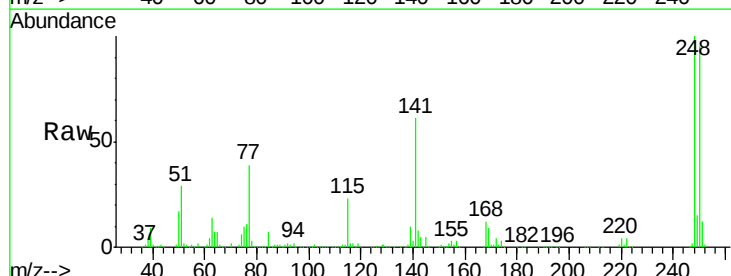
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#66
 4-Bromophenyl-phenylether
 Concen: 51.58 ng
 RT: 10.94 min Scan# 757
 Delta R.T. -0.02 min
 Lab File: BF091334.D
 Acq: 29 Nov 2016 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	372722		
250	95.3	78.2	117.4	
141	61.3	71.9	107.9#	



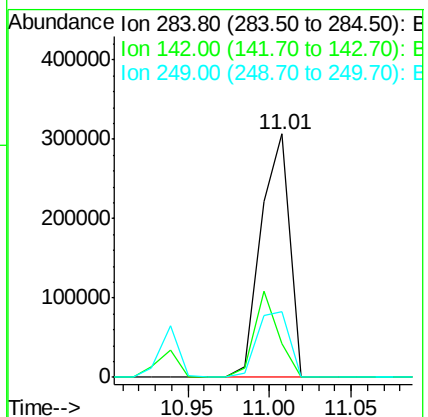
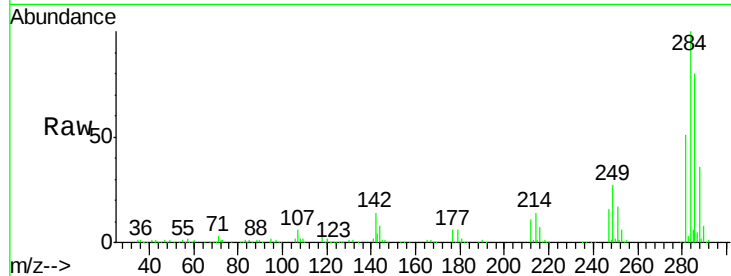


#67
Hexachlorobenzene
Concen: 47.81 ng
RT: 11.01 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF091334.D
Acq: 29 Nov 2016 18:37

Instrument :
BNA_F
ClientSampleId :
PHOENIX-BPMMS

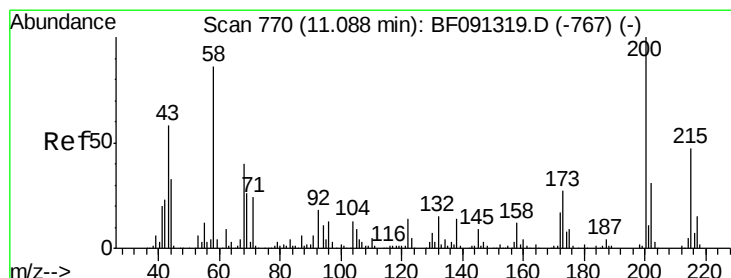
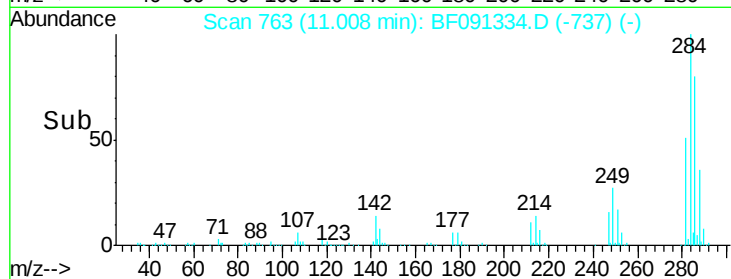
Tgt Ion	Ratio	Lower	Upper
284	100		
142	13.8	17.9	26.9#
249	27.2	23.6	35.4

Manual Integrations
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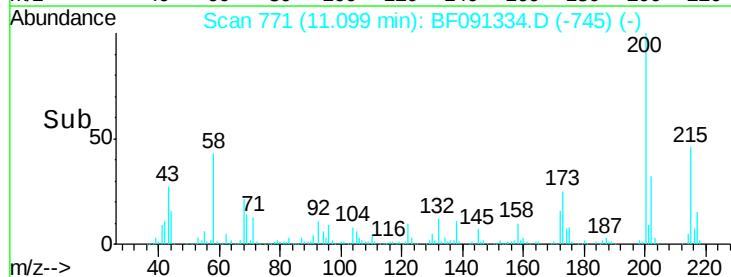
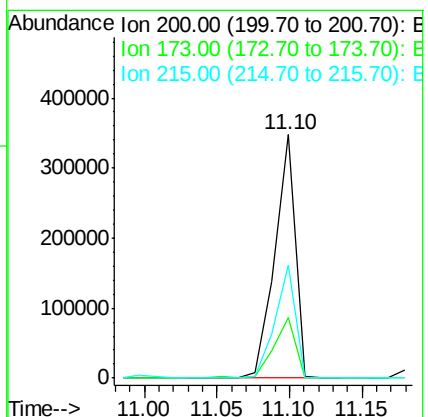
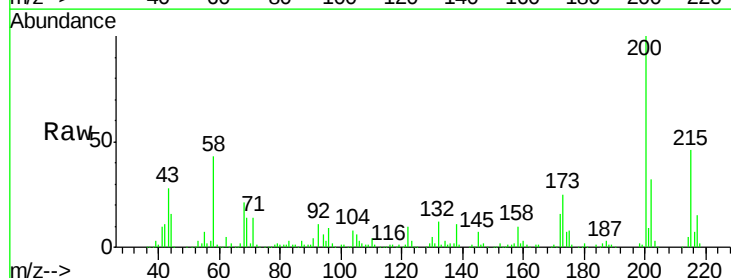
sohil

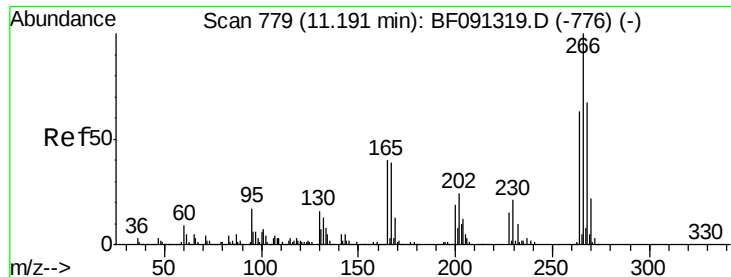
11/30/2016 10:33:50 AM



#68
Atrazine
Concen: 51.64 ng
RT: 11.10 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF091334.D
Acq: 29 Nov 2016 18:37

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.0	7.8	47.8
215	46.2	24.3	64.3



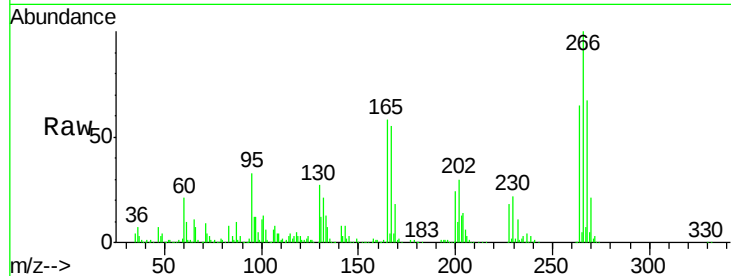


#69
 Pentachlorophenol
 Concen: 89.26 ng
 RT: 11.19 min Scan# 779
 Delta R.T. -0.02 min
 Lab File: BF091334.D
 Acq: 29 Nov 2016 18:37

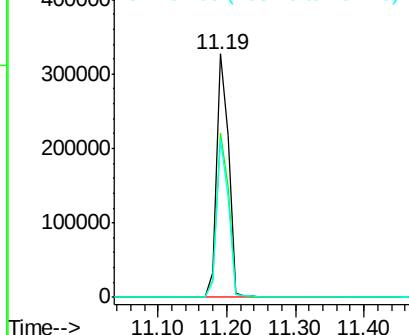
Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-BPMMS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.3	50.3	75.5
264	64.7	48.2	72.2

Manual Integrations
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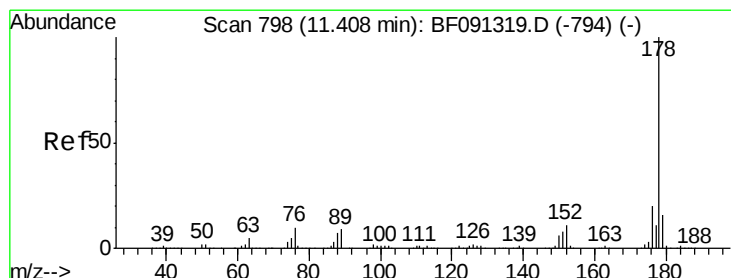
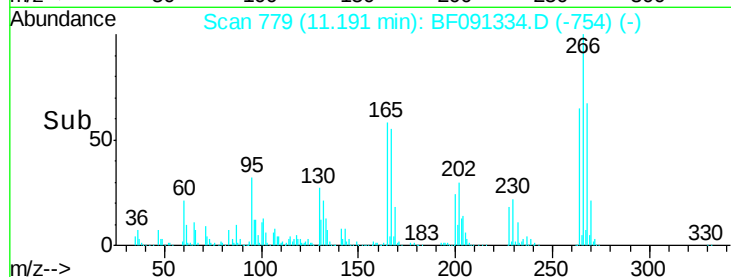


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E



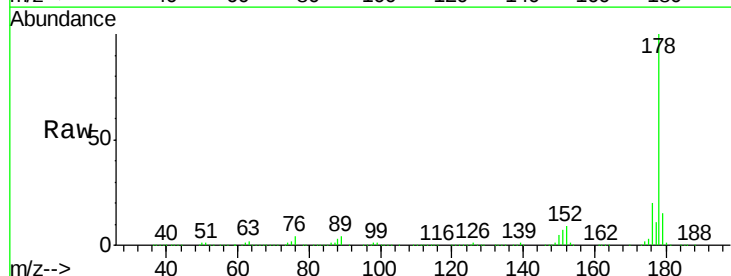
sohil

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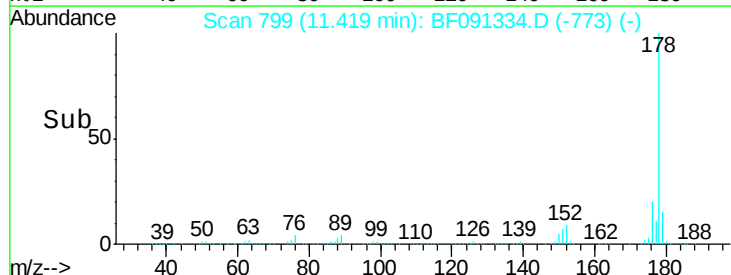
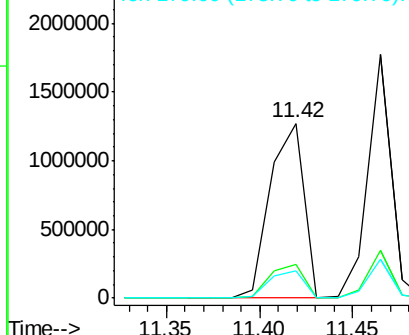


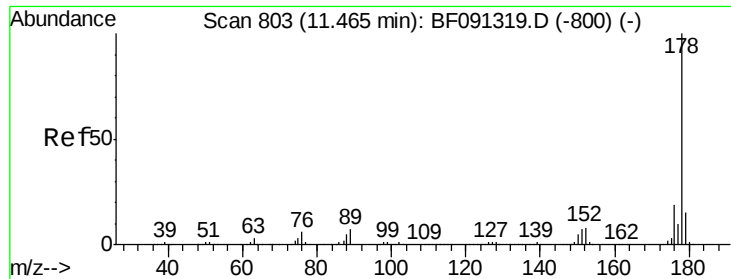
#70
 Phenanthrene
 Concen: 46.04 ng
 RT: 11.42 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF091334.D
 Acq: 29 Nov 2016 18:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	15.3	12.6	18.8



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



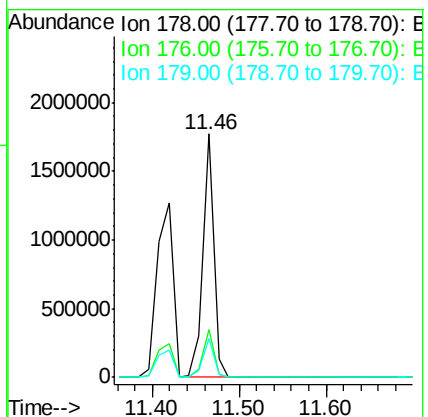
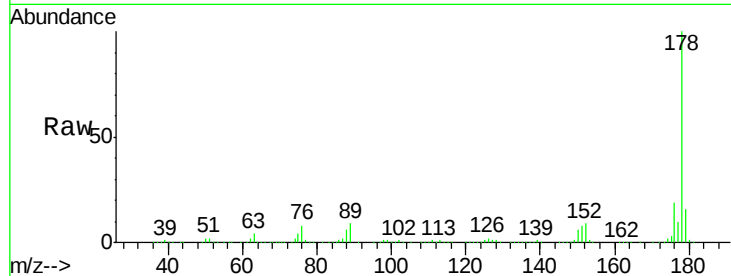


#71
 Anthracene
 Concen: 43.93 ng
 RT: 11.46 min Scan# 803
 Delta R.T. -0.02 min
 Lab File: BF091334.D
 Acq: 29 Nov 2016 18:37

Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-BPMMS

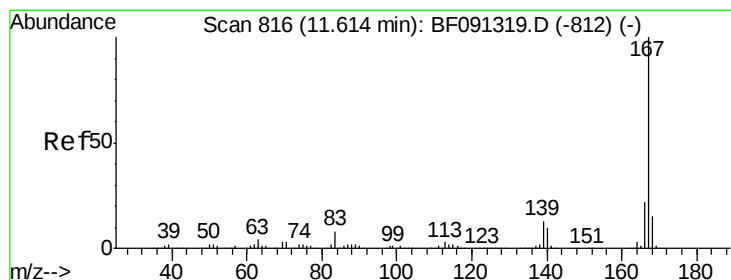
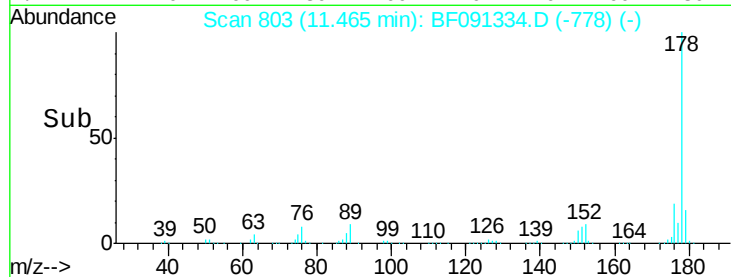
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.6
179	16.0	12.7	19.1

Manual Integrations
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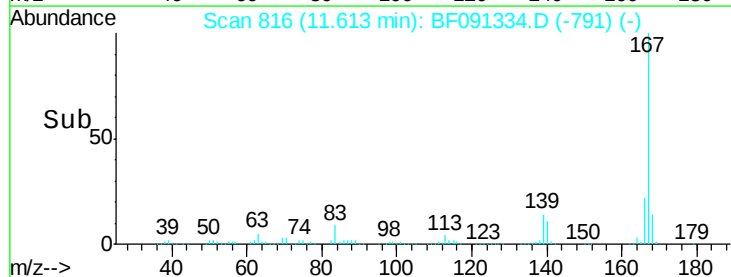
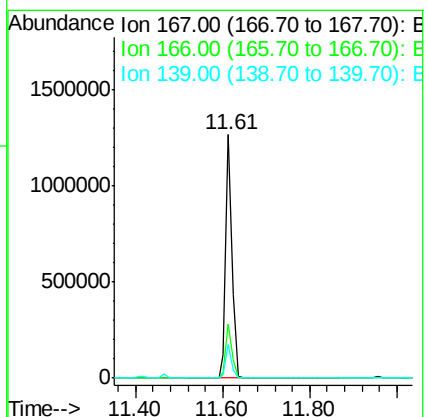
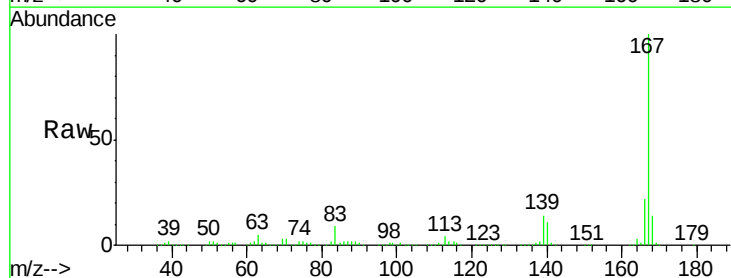
sohil

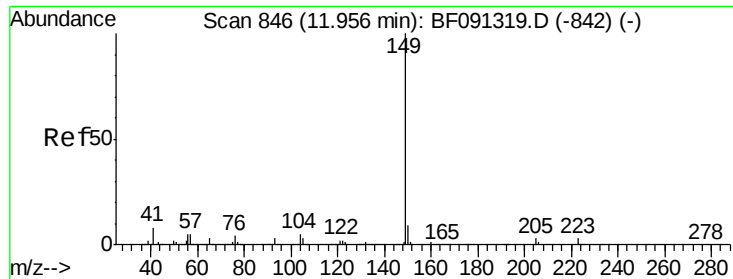
11/30/2016 10:33:50 AM



#72
 Carbazole
 Concen: 40.52 ng
 RT: 11.61 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF091334.D
 Acq: 29 Nov 2016 18:37

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.1	27.1
139	14.0	11.5	17.3





#73

Di-n-butylphthalate

Concen: 48.30 ng

RT: 11.96 min Scan# 846

Delta R.T. -0.02 min

Lab File: BF091334.D

Acq: 29 Nov 2016 18:37

Instrument :

BNA_F

ClientSampleId :

PHOENIX-BPMMS

Tgt Ion:149 Resp: 1721995

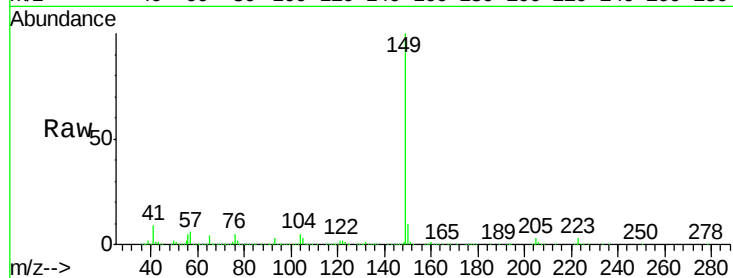
Ion Ratio Lower Upper

149 100

150 9.6 7.5 11.3

104 5.1 4.0 6.0

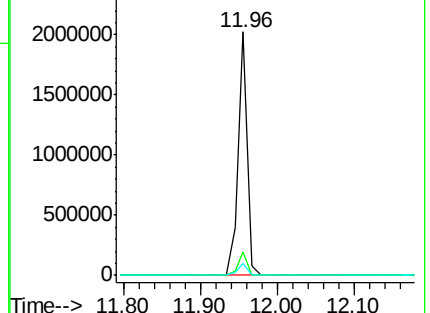
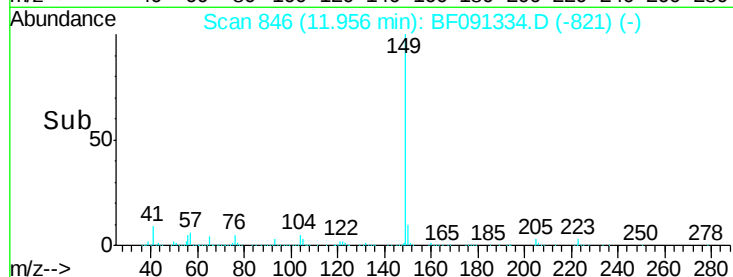
Manual Integrations
APPROVED



Abundance Ion 149.00 (148.70 to 149.70): E

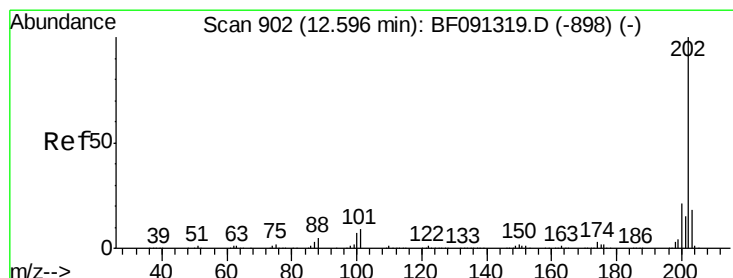
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



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#74

Fluoranthene

Concen: 46.18 ng

RT: 12.60 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF091334.D

Acq: 29 Nov 2016 18:37

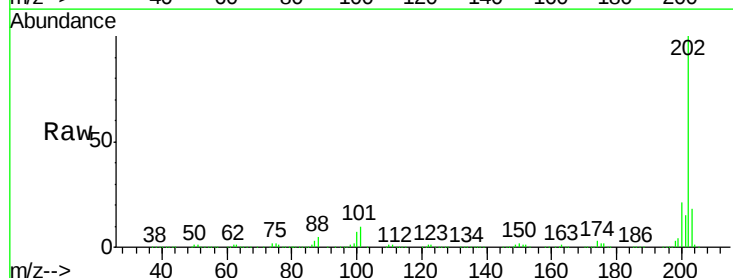
Tgt Ion:202 Resp: 1528038

Ion Ratio Lower Upper

202 100

101 9.6 0.0 29.5

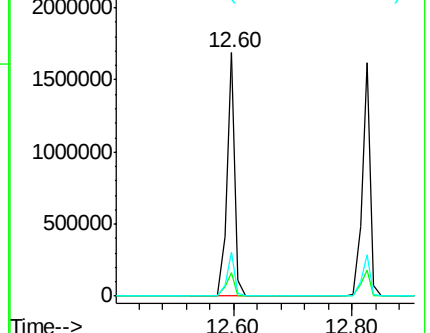
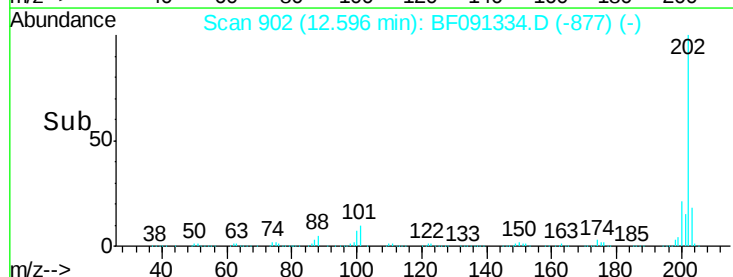
203 18.1 0.0 37.8

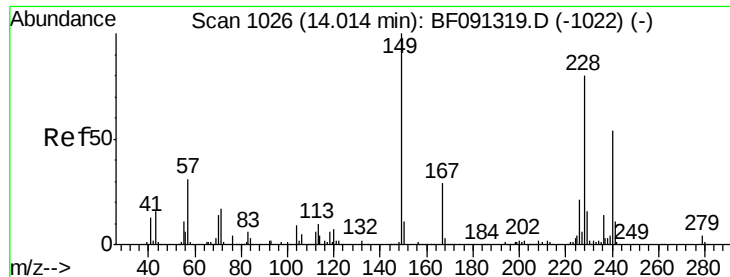


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF091334.D

Acq: 29 Nov 2016 18:37

Instrument :

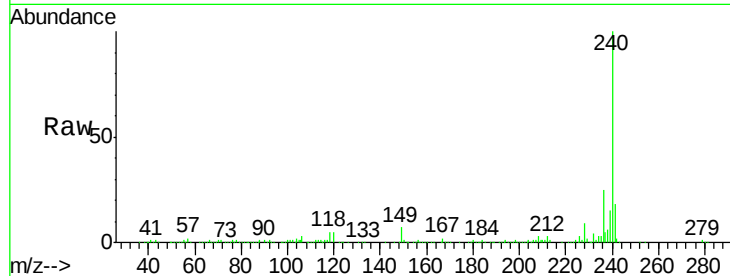
BNA_F

ClientSampleId :

PHOENIX-BPMMS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	385292		
120	4.8	12.1	18.1	#
236	24.9	21.0	31.6	

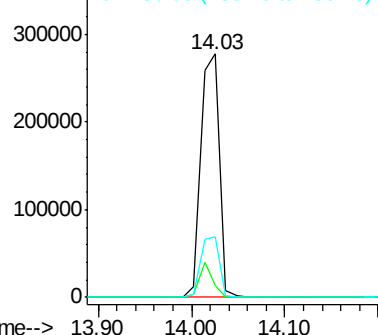
Manual Integrations
APPROVED



Abundance Ion 240.00 (239.70 to 240.70): E

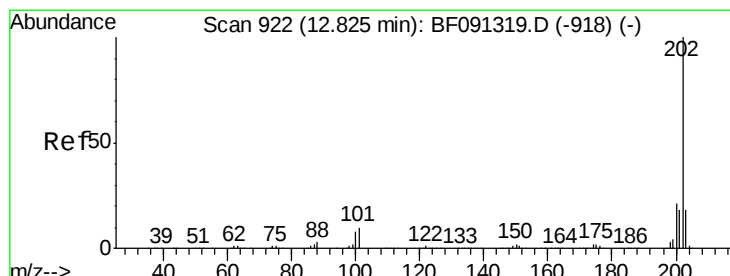
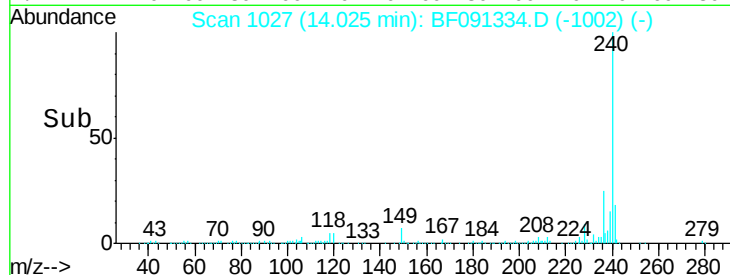
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



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#77

Pyrene

Concen: 51.54 ng

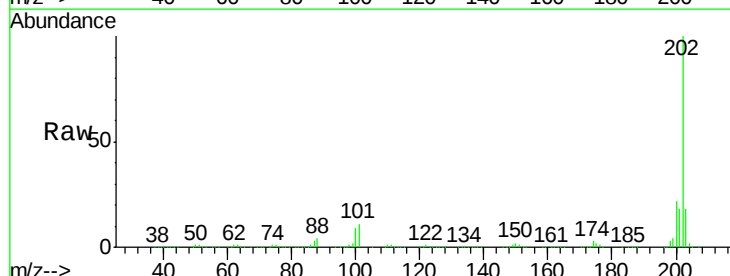
RT: 12.82 min Scan# 922

Delta R.T. -0.02 min

Lab File: BF091334.D

Acq: 29 Nov 2016 18:37

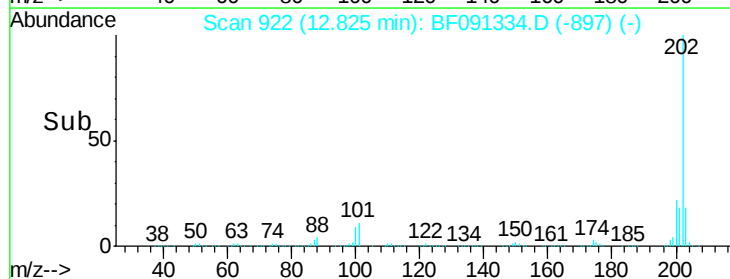
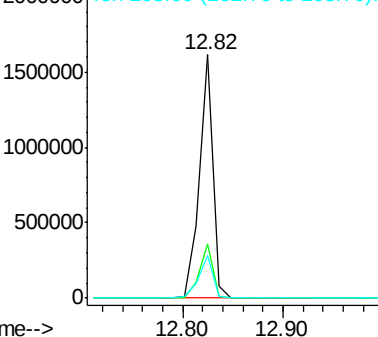
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1506964		
200	22.1	17.6	26.4	
203	17.8	14.0	21.0	

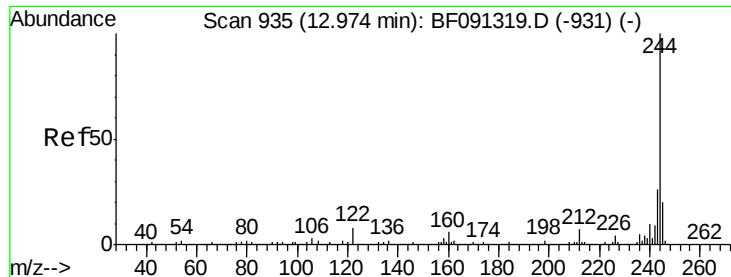


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



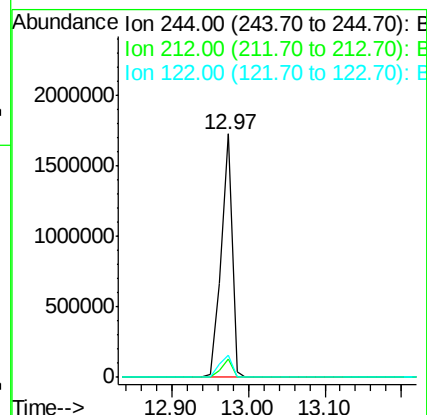
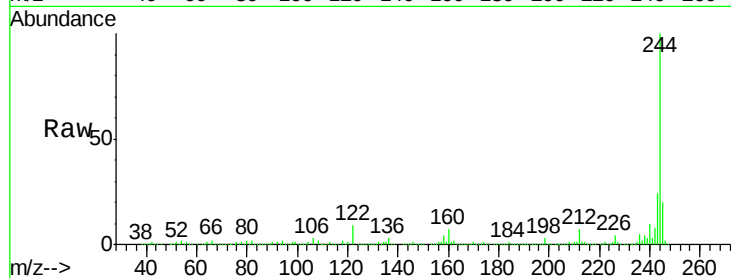


#78
 Terphenyl-d14
 Concen: 95.33 ng
 RT: 12.97 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF091334.D
 Acq: 29 Nov 2016 18:37

Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-BPMMS

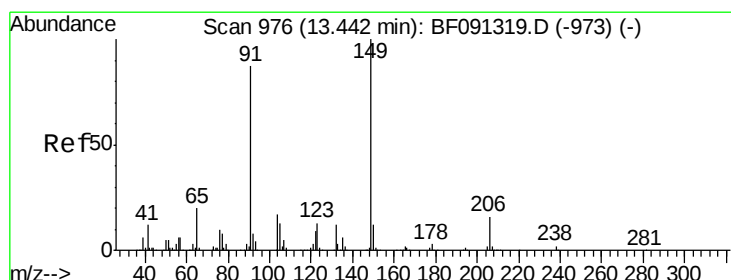
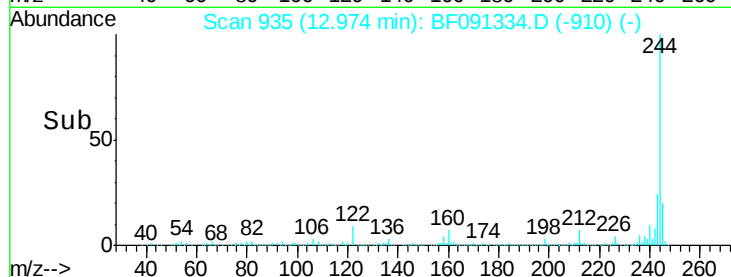
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.5	9.7
122	9.2	9.5	14.3#

Manual Integrations
 APPROVED



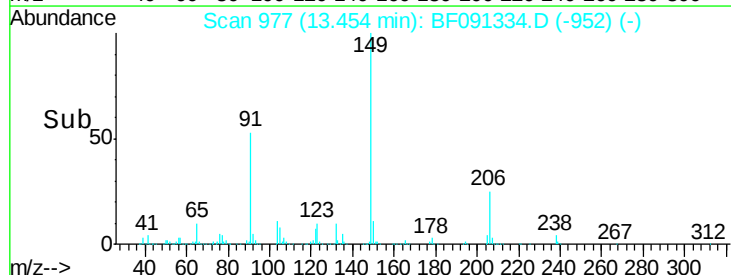
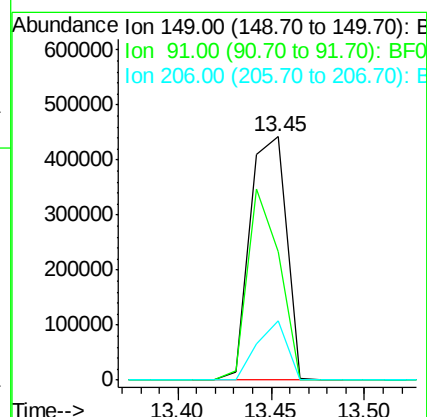
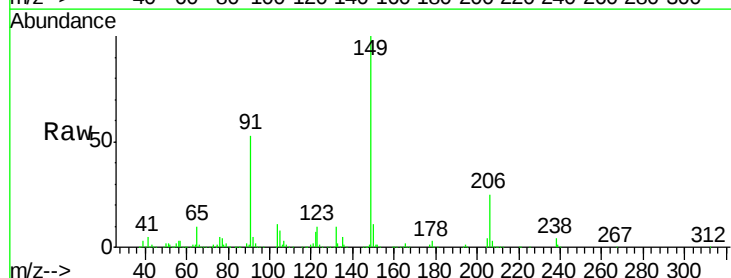
sohil

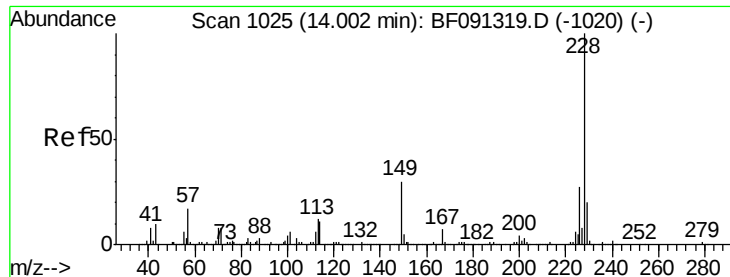
11/30/2016 10:33:50 AM



#79
 Butylbenzylphthalate
 Concen: 54.43 ng
 RT: 13.45 min Scan# 977
 Delta R.T. -0.02 min
 Lab File: BF091334.D
 Acq: 29 Nov 2016 18:37

Tgt Ion	Ratio	Lower	Upper
149	100		
91	52.9	57.4	86.2#
206	24.5	15.4	23.2#



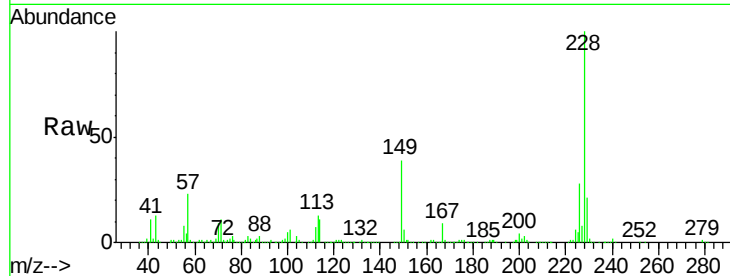


#80
Benzo(a)anthracene
Concen: 47.48 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF091334.D
Acq: 29 Nov 2016 18:37

Instrument :
BNA_F
ClientSampleId :
PHOENIX-BPMMS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.5	33.7
229	20.5	16.4	24.6

Manual Integrations
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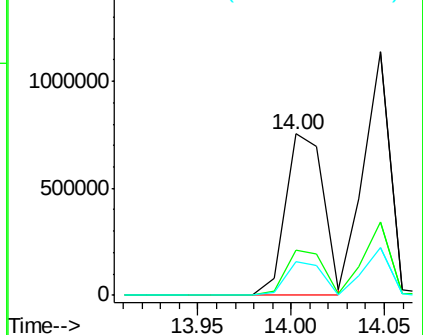


Abundance

Ion 228.00 (227.70 to 228.70): E

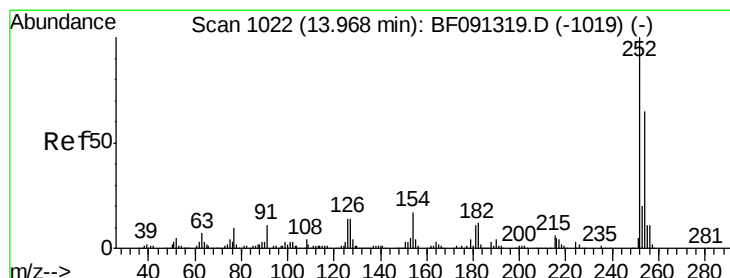
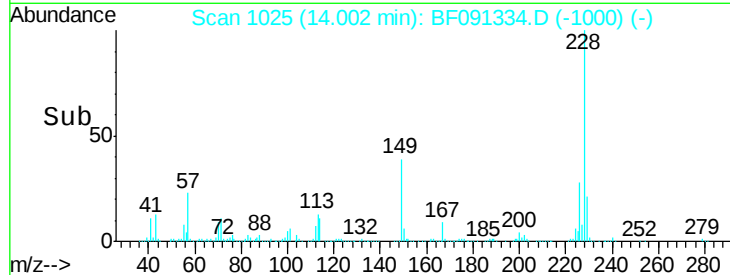
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



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#81
3,3'-Dichlorobenzidine
Concen: 29.97 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.02 min
Lab File: BF091334.D
Acq: 29 Nov 2016 18:37

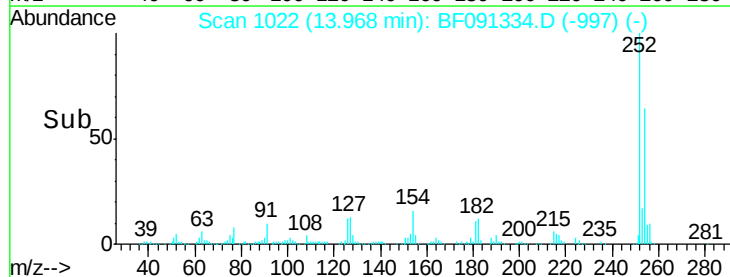
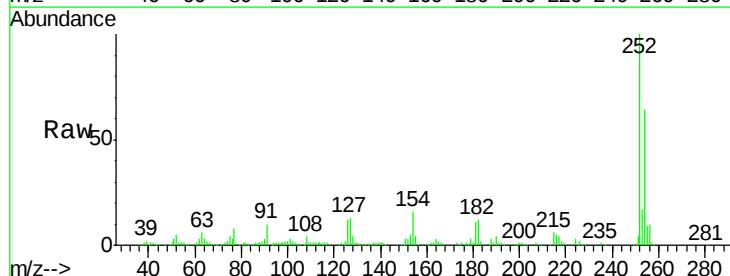
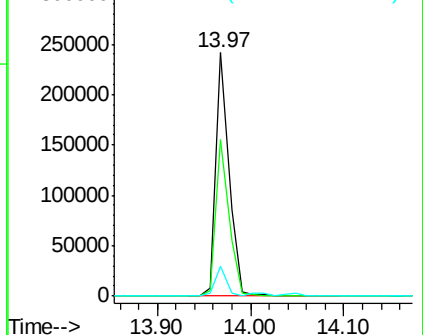
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.1	78.1
126	12.3	7.5	11.3#

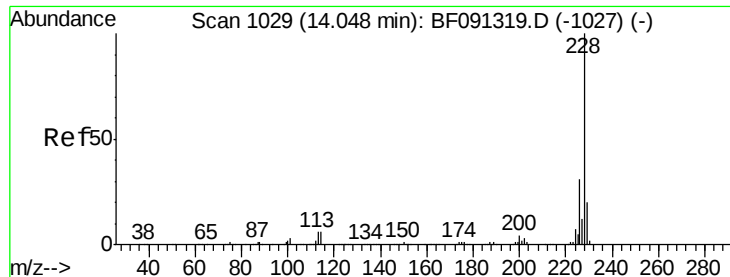
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 50.20 ng

RT: 14.05 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF091334.D

Acq: 29 Nov 2016 18:37

Instrument :

BNA_F

ClientSampleId :

PHOENIX-BPMMS

Tgt Ion:228 Resp: 1119276

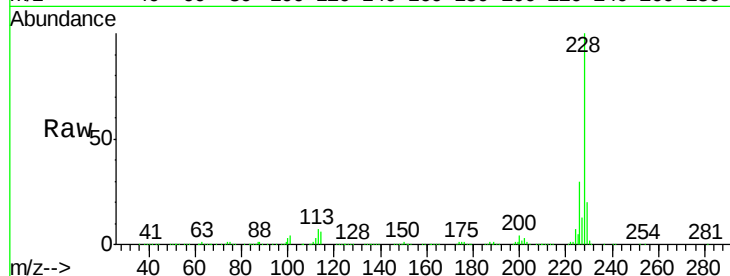
Ion Ratio Lower Upper

228 100

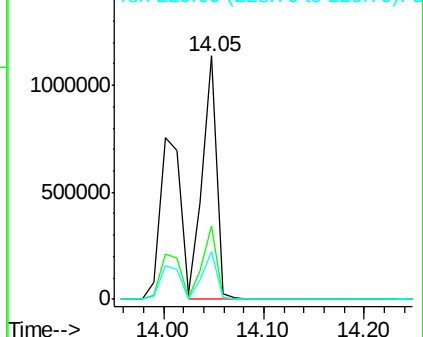
226 30.1 25.0 37.4

229 19.8 16.0 24.0

Manual Integrations
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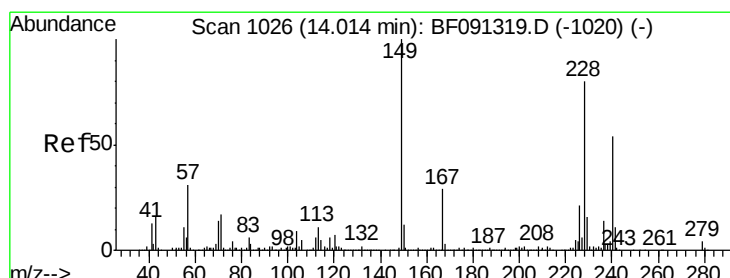
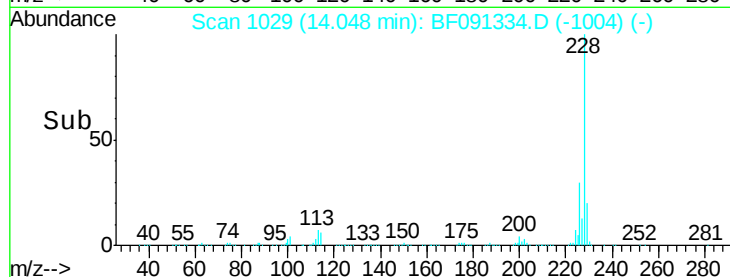


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



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#83

Bis(2-ethylhexyl)phthalate

Concen: 54.89 ng

RT: 14.01 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BF091334.D

Acq: 29 Nov 2016 18:37

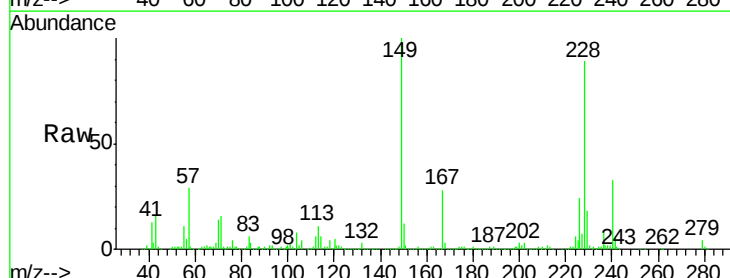
Tgt Ion:149 Resp: 761752

Ion Ratio Lower Upper

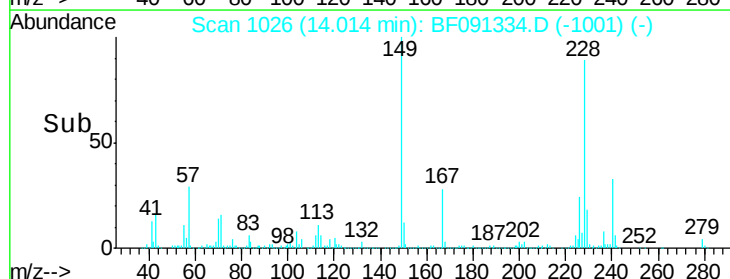
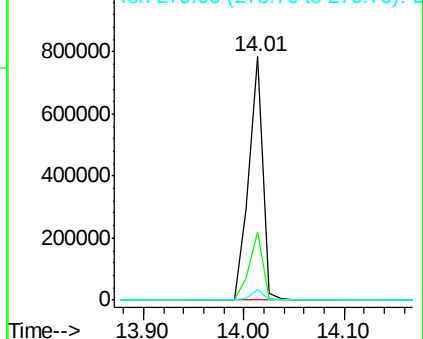
149 100

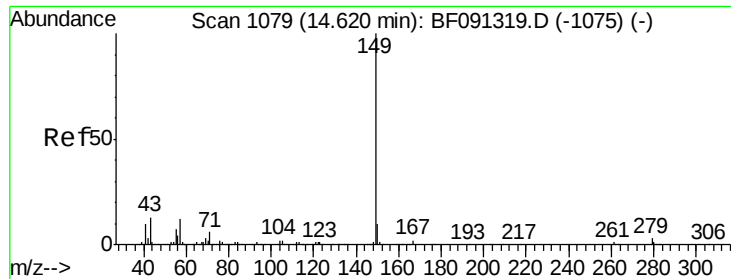
167 28.1 19.6 29.4

279 4.1 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 54.73 ng

RT: 14.62 min Scan# 1079

Delta R.T. -0.02 min

Lab File: BF091334.D

Acq: 29 Nov 2016 18:37

Instrument :

BNA_F

ClientSampleId :

PHOENIX-BPMMS

Tgt Ion:149 Resp: 1149351

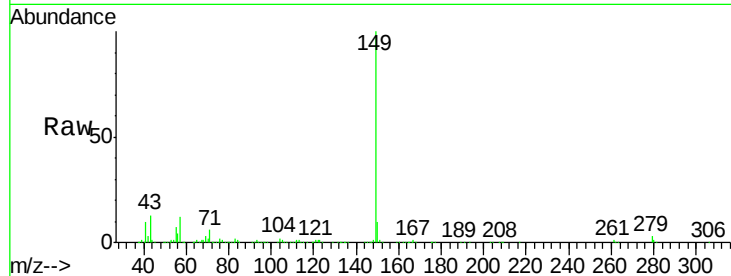
Ion Ratio Lower Upper

149 100

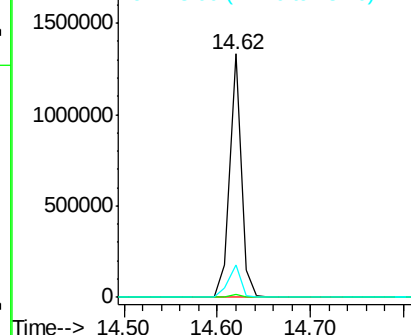
167 1.5 1.3 1.9

43 13.9 11.9 17.9

Manual Integrations
APPROVED

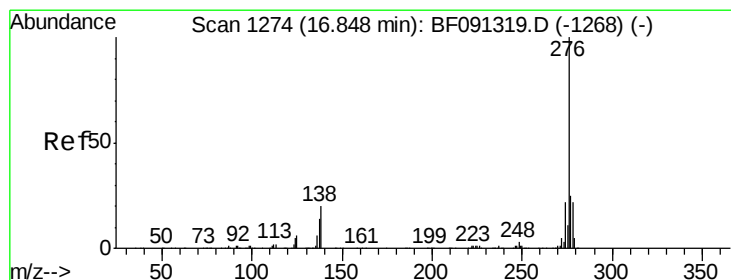
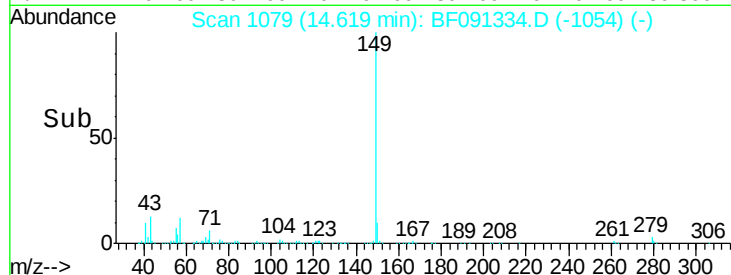


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0



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#85

Indeno(1,2,3-cd)pyrene

Concen: 60.09 ng

RT: 16.86 min Scan# 1275

Delta R.T. -0.03 min

Lab File: BF091334.D

Acq: 29 Nov 2016 18:37

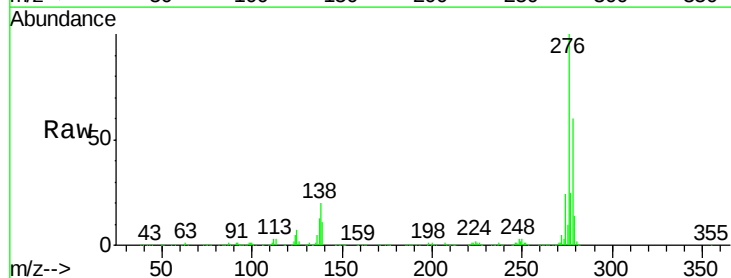
Tgt Ion:276 Resp: 1226854

Ion Ratio Lower Upper

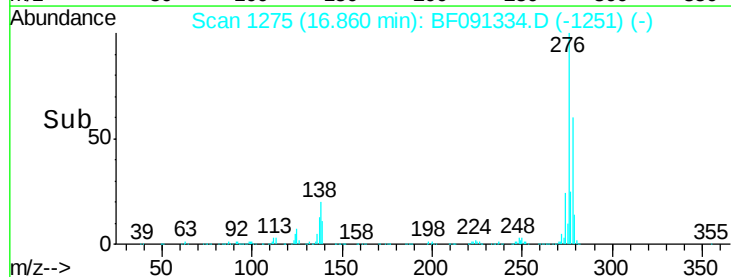
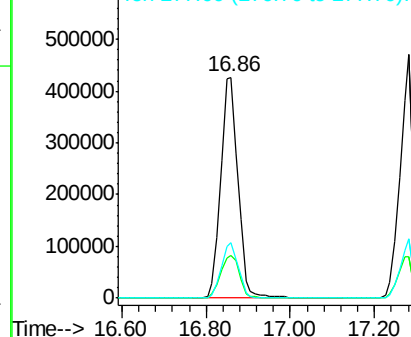
276 100

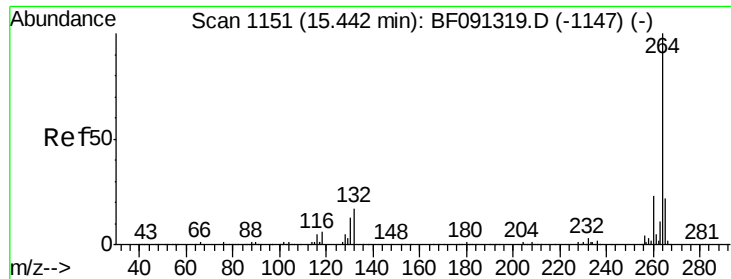
138 21.3 21.0 31.4

277 24.9 20.2 30.2



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



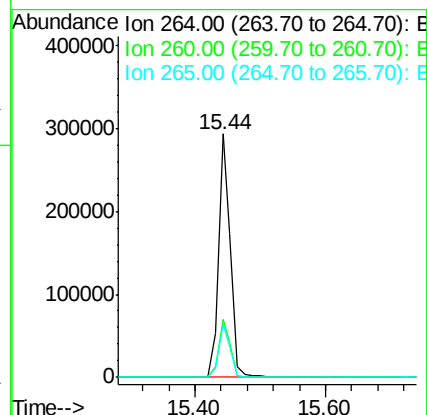
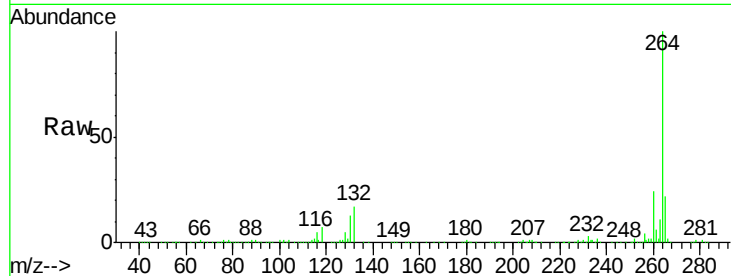


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF091334.D
Acq: 29 Nov 2016 18:37

Instrument :
BNA_F
ClientSampleId :
PHOENIX-BPMMS

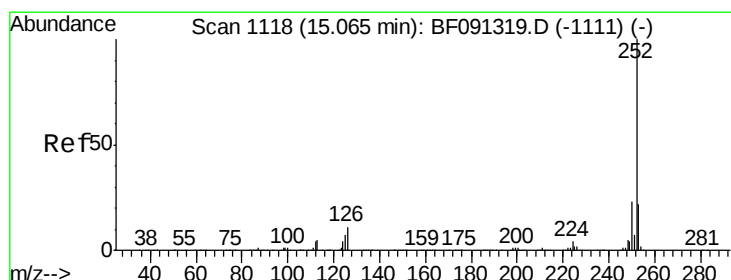
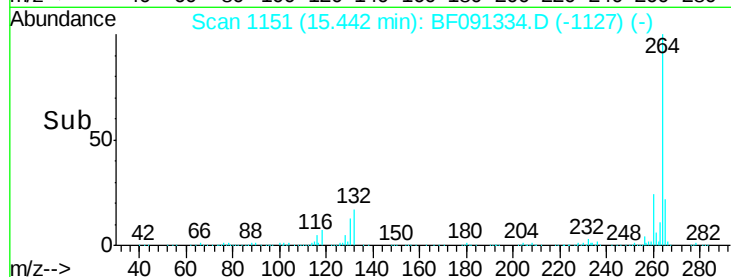
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	21.8	17.0	25.6

Manual Integrations
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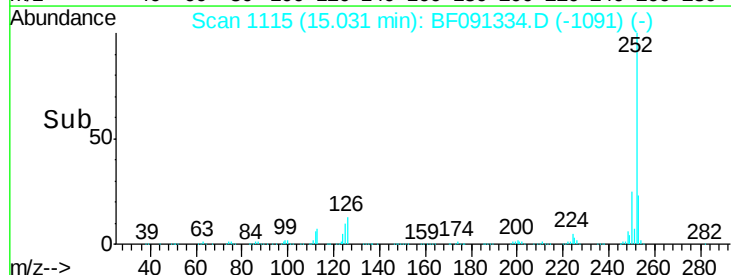
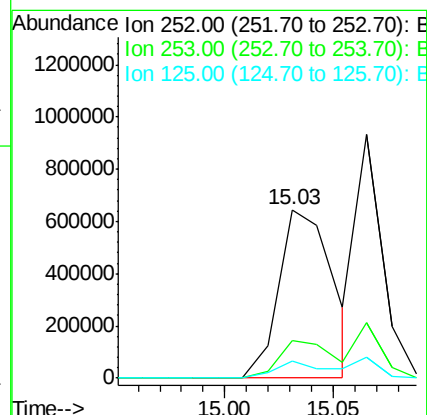
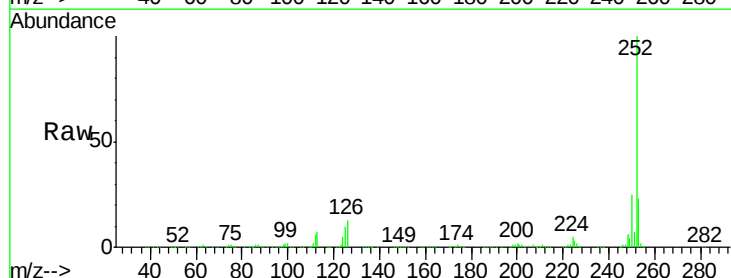
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#87
Benzo(b)fluoranthene
Concen: 47.95 ng
RT: 15.03 min Scan# 1115
Delta R.T. -0.03 min
Lab File: BF091334.D
Acq: 29 Nov 2016 18:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	10.3	8.6	13.0



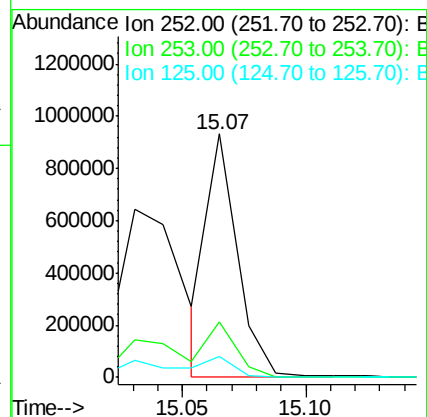
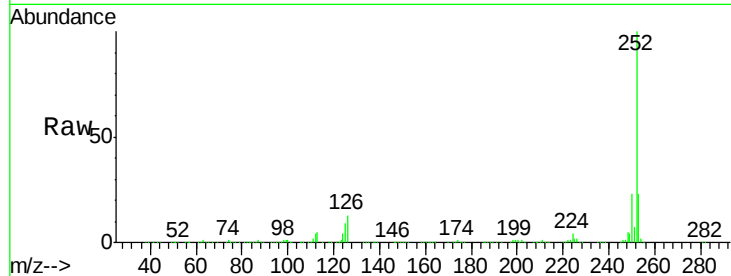


#88
Benzo(k)fluoranthene
Concen: 40.81 ng m
RT: 15.07 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BF091334.D
Acq: 29 Nov 2016 18:37

Instrument :
BNA_F
ClientSampleId :
PHOENIX-BPMMS

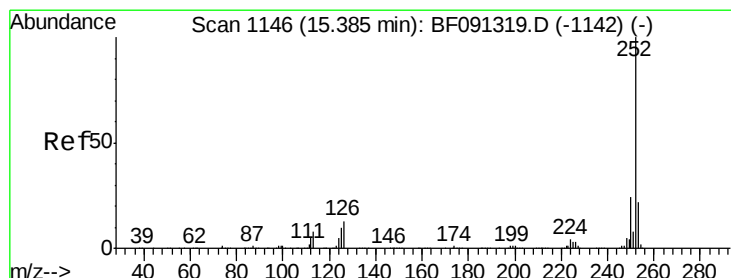
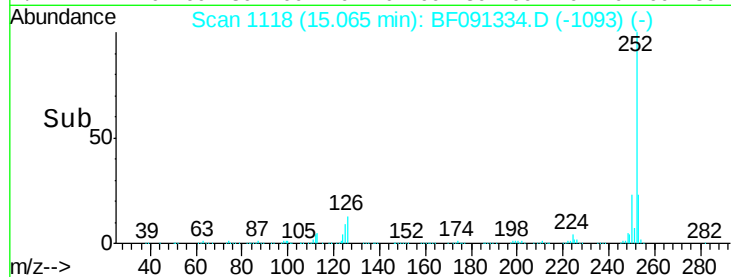
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	8.6	9.6	14.4

Manual Integrations
APPROVED



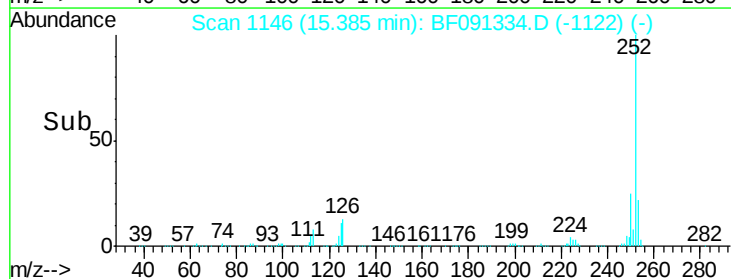
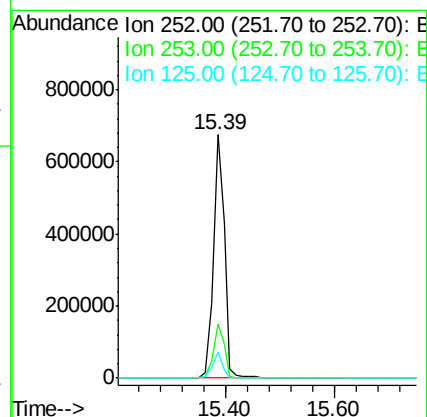
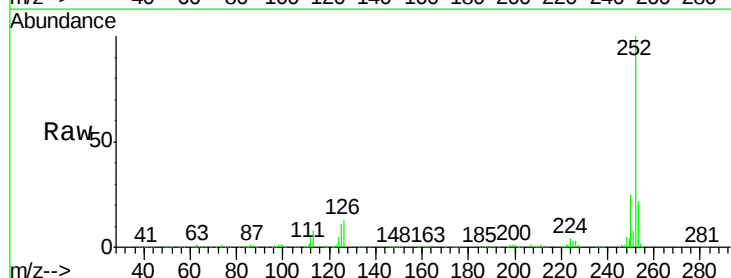
sohil

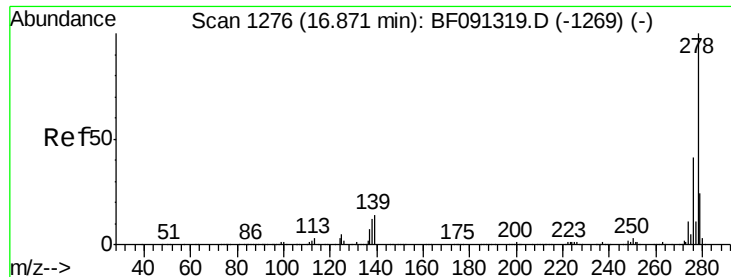
11/30/2016 10:33:50 AM



#89
Benzo(a)pyrene
Concen: 45.55 ng
RT: 15.39 min Scan# 1146
Delta R.T. -0.03 min
Lab File: BF091334.D
Acq: 29 Nov 2016 18:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	10.5	10.4	15.6



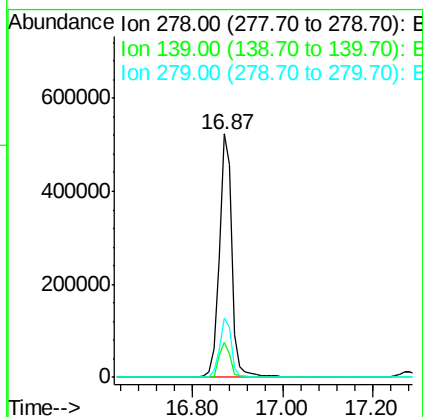
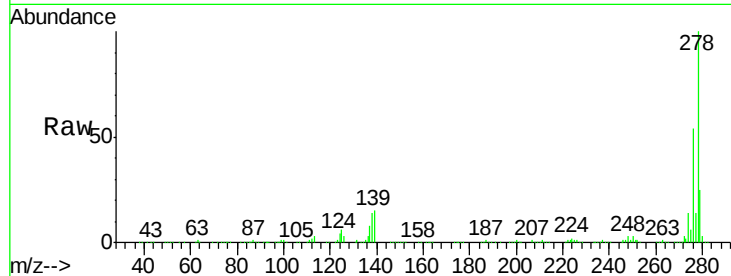


#90
Dibenzo(a,h)anthracene
Concen: 52.71 ng
RT: 16.87 min Scan# 1276
Delta R.T. -0.04 min
Lab File: BF091334.D
Acq: 29 Nov 2016 18:37

Instrument :
BNA_F
ClientSampleId :
PHOENIX-BPMMS

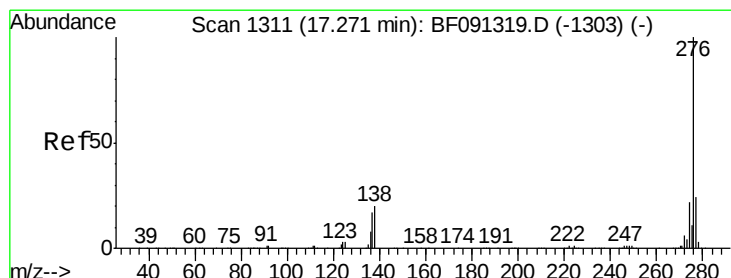
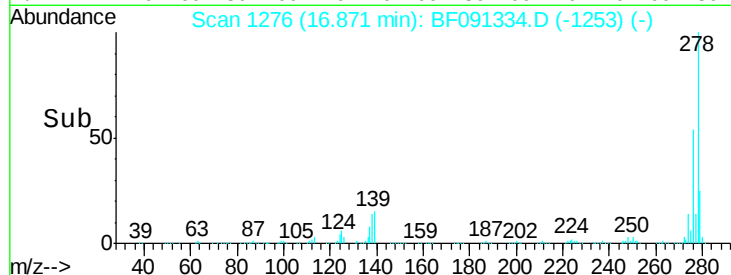
Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.6	15.1	22.7#
279	24.5	19.0	28.6

Manual Integrations
APPROVED



sohil

11/30/2016 10:33:50 AM



#91
Benzo(g,h,i)perylene
Concen: 52.05 ng
RT: 17.28 min Scan# 1312
Delta R.T. -0.03 min
Lab File: BF091334.D
Acq: 29 Nov 2016 18:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.0	28.4
138	17.0	15.4	23.0

