

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112916\
 Data File : BF091335.D
 Acq On : 29 Nov 2016 19:05
 Operator : UM/SJ
 Sample : H5718-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-BPMMSD

Manual Integrations
 APPROVED

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11/30/2016 10:33:48 AM

Quant Time: Nov 30 00:58:21 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	193383	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	734873	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	443402	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	682935	20.00	ng	-0.02
75) Chrysene-d12	14.03	240	408931	20.00	ng	-0.02
86) Perylene-d12	15.44	264	406092	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1460525	123.38	ng	0.00
7) Phenol-d6	6.50	99	1874844	128.66	ng	0.00
23) Nitrobenzene-d5	7.43	82	1232112	93.96	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	536763	127.87	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	2178545	88.96	ng	0.00
78) Terphenyl-d14	12.97	244	1737819	92.37	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	200308	37.40	ng	87
3) Pyridine	3.27	79	332688	21.95	ng	# 85
4) n-Nitrosodimethylamine	3.21	42	368856	46.39	ng	97
6) Aniline	6.54	93	278483	14.39	ng	# 69
8) 2-Chlorophenol	6.65	128	547994	42.22	ng	84
9) Benzaldehyde	6.41	77	41034m	4.38	ng	
10) Phenol	6.52	94	762689	44.48	ng	98
11) bis(2-Chloroethyl)ether	6.61	93	565983	46.20	ng	99
12) 1,3-Dichlorobenzene	6.81	146	608940m	42.18	ng	
13) 1,4-Dichlorobenzene	6.88	146	582824	40.58	ng	96
14) 1,2-Dichlorobenzene	7.04	146	602846	45.07	ng	95
15) Benzyl Alcohol	7.01	79	477587	40.95	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1183004	44.91	ng	74
17) 2-Methylphenol	7.12	107	439847	42.87	ng	# 77
18) Hexachloroethane	7.38	117	228094	44.73	ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	449850	49.00	ng	# 86
20) 3+4-Methylphenols	7.28	107	593838	47.41	ng	# 62
22) Acetophenone	7.28	105	754621	43.33	ng	# 82
24) Nitrobenzene	7.45	77	676987	50.43	ng	# 87
25) Isophorone	7.69	82	1135849	48.89	ng	99
26) 2-Nitrophenol	7.76	139	296203	48.41	ng	97
27) 2,4-Dimethylphenol	7.81	122	510270	44.58	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	720263	51.51	ng	# 97
29) 2,4-Dichlorophenol	8.01	162	499745	49.63	ng	93
30) 1,2,4-Trichlorobenzene	8.09	180	518048	45.89	ng	98
31) Naphthalene	8.17	128	1524184	43.64	ng	100
32) Benzoic acid	7.93	122	335859	39.81	ng	93
33) 4-Chloroaniline	8.23	127	97778	6.55	ng	98
34) Hexachlorobutadiene	8.30	225	318841	45.93	ng	98
35) Caprolactam	8.60	113	142085m	49.10	ng	
36) 4-Chloro-3-methylphenol	8.71	107	528890	48.66	ng	90
37) 2-Methylnaphthalene	8.87	142	1114872	46.99	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	436846	34.95	ng	99
40) Hexachlorocyclopentadiene	9.03	237	611040	105.46	ng	97

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Manual Integrations
 APPROVED

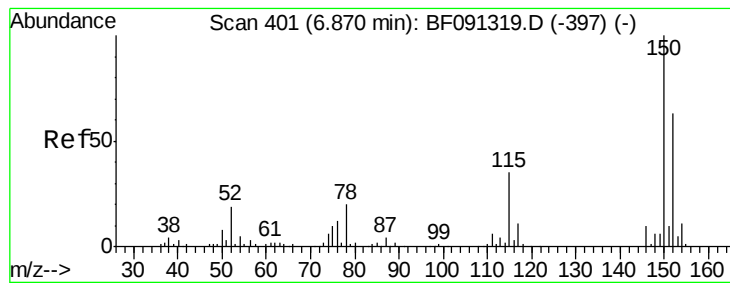
sohil

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	363649	44.76	ng	95
43) 2,4,5-Trichlorophenol	9.19	196	345872	42.48	ng	93
45) 1,1'-Biphenyl	9.33	154	1209757	37.94	ng	98
46) 2-Chloronaphthalene	9.35	162	939149	39.55	ng	97
47) 2-Nitroaniline	9.44	65	352194	41.30	ng	# 73
48) Acenaphthylene	9.77	152	1552164	41.53	ng	99
49) Dimethylphthalate	9.64	163	1316096	49.02	ng	97
50) 2,6-Dinitrotoluene	9.69	165	279869	46.64	ng	87
51) Acenaphthene	9.94	154	1202656	47.70	ng	96
52) 3-Nitroaniline	9.85	138	107257	15.44	ng	90
53) 2,4-Dinitrophenol	9.97	184	323386	123.23	ng	# 85
54) Dibenzofuran	10.12	168	1454059	43.07	ng	95
55) 4-Nitrophenol	10.02	139	459232	91.54	ng	95
56) 2,4-Dinitrotoluene	10.09	165	329111	42.28	ng	# 64
57) Fluorene	10.46	166	1122859	43.33	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.23	232	303776	43.70	ng	97
59) Diethylphthalate	10.33	149	1064927	40.18	ng	97
60) 4-Chlorophenyl-phenylether	10.45	204	484845	37.30	ng	# 86
61) 4-Nitroaniline	10.47	138	211365	32.41	ng	89
62) Azobenzene	10.61	77	1212086	44.82	ng	89
64) 4,6-Dinitro-2-methylphenol	10.50	198	203191	54.00	ng	# 37
65) n-Nitrosodiphenylamine	10.57	169	967694	46.74	ng	99
66) 4-Bromophenyl-phenylether	10.94	248	360143	49.06	ng	# 85
67) Hexachlorobenzene	11.01	284	347025	43.75	ng	# 86
68) Atrazine	11.10	200	333506	49.73	ng	94
69) Pentachlorophenol	11.19	266	397108	85.04	ng	96
70) Phenanthrene	11.42	178	1548647	43.64	ng	99
71) Anthracene	11.46	178	1504299	42.71	ng	99
72) Carbazole	11.61	167	1243422	38.91	ng	99
73) Di-n-butylphthalate	11.96	149	1673577	46.21	ng	99
74) Fluoranthene	12.60	202	1464417	43.57	ng	99
77) Pyrene	12.83	202	1498441	48.28	ng	100
79) Butylbenzylphthalate	13.45	149	598540	51.51	ng	# 79
80) Benzo(a)anthracene	14.00	228	1066879	44.61	ng	100
81) 3,3'-Dichlorobenzidine	13.97	252	209208	24.83	ng	# 98
82) Chrysene	14.05	228	1121482	47.40	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	766232	52.02	ng	# 92
84) Di-n-octyl phthalate	14.62	149	1178163	52.86	ng	97
85) Indeno(1,2,3-cd)pyrene	16.86	276	1241338	57.28	ng	95
87) Benzo(b)fluoranthene	15.03	252	1119846	44.37	ng	98
88) Benzo(k)fluoranthene	15.07	252	810560m	38.19	ng	
89) Benzo(a)pyrene	15.39	252	975184	43.02	ng	96
90) Dibenzo(a,h)anthracene	16.87	278	1022140	48.75	ng	# 96
91) Benzo(g,h,i)perylene	17.28	276	1054163	48.77	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.87 min Scan# 401
 Delta R.T. -0.01 min
 Lab File: BF091335.D
 Acq: 29 Nov 2016 19:05

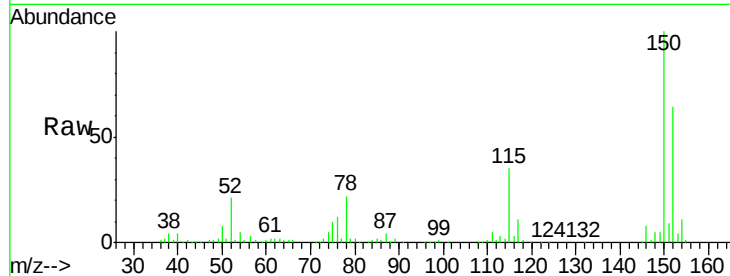
Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-BPMMSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.8	122.5	183.7
115	54.8	51.8	77.8

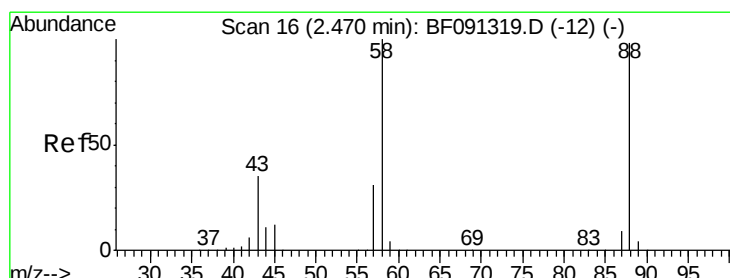
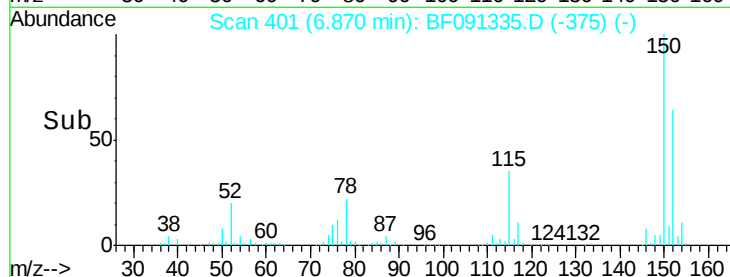
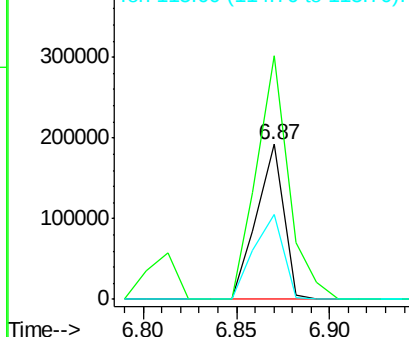
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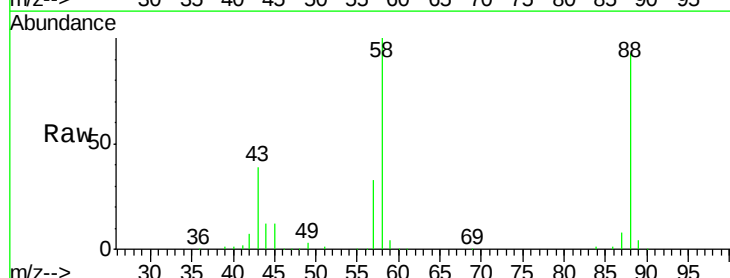


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

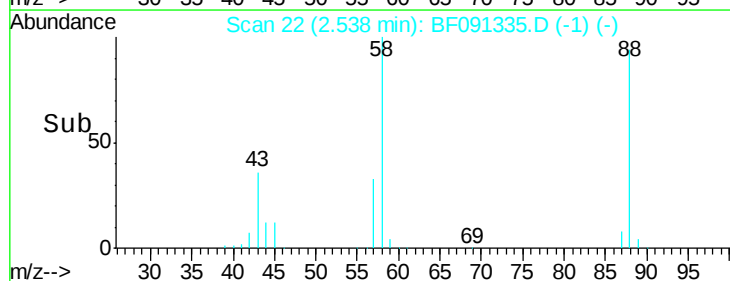
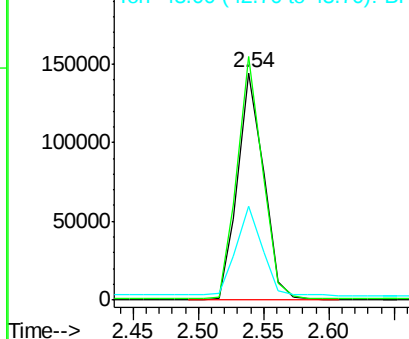


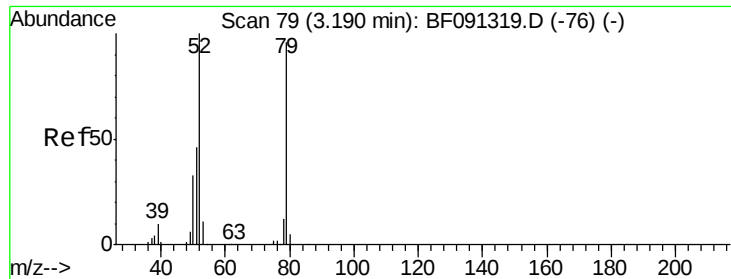
#2
 1,4-Dioxane
 Concen: 37.40 ng
 RT: 2.54 min Scan# 22
 Delta R.T. 0.04 min
 Lab File: BF091335.D
 Acq: 29 Nov 2016 19:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	104.3	70.3	105.5
43	40.1	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: 21.95 ng

RT: 3.27 min Scan# 86

Delta R.T. 0.05 min

Lab File: BF091335.D

Acq: 29 Nov 2016 19:05

Instrument :

BNA_F

ClientSampleId :

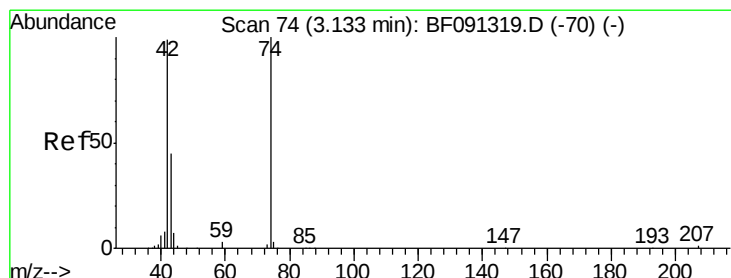
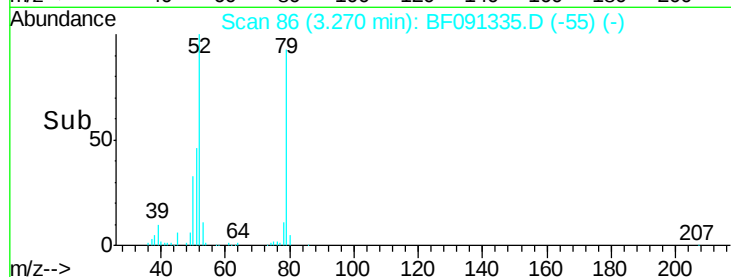
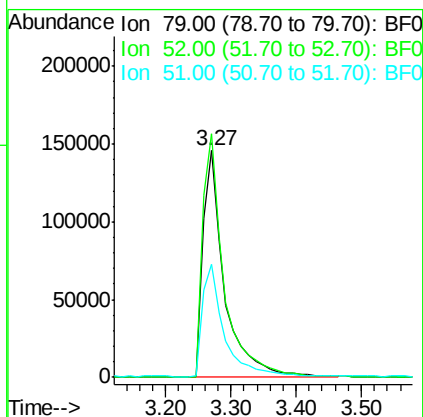
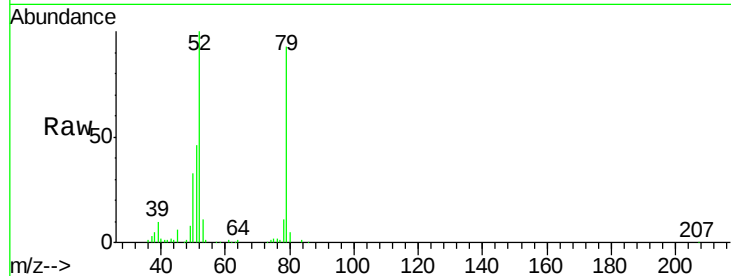
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Tgt Ion	Ratio	Lower	Upper
79	100		
52	107.4	71.0	106.4#
51	49.9	37.0	55.4

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#4

n-Nitrosodimethylamine

Concen: 46.39 ng

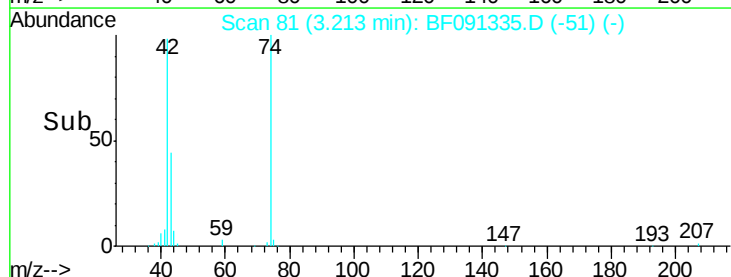
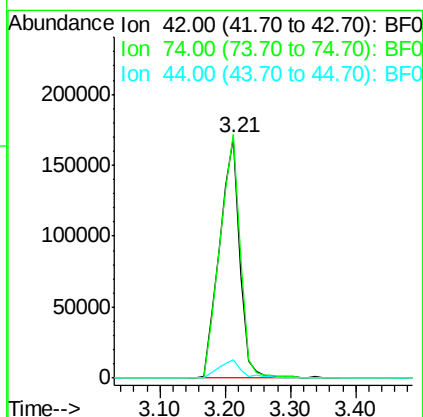
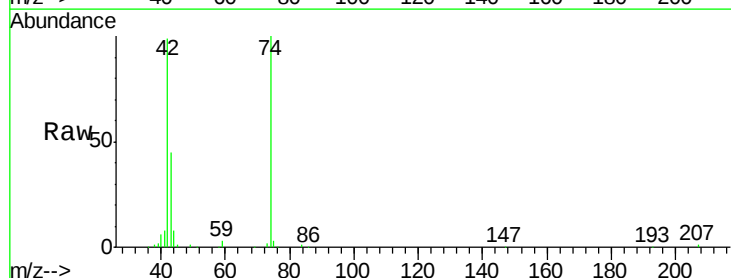
RT: 3.21 min Scan# 81

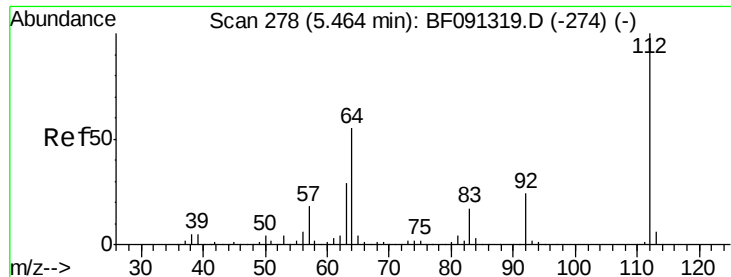
Delta R.T. 0.04 min

Lab File: BF091335.D

Acq: 29 Nov 2016 19:05

Tgt Ion	Ratio	Lower	Upper
42	100		
74	101.5	78.9	118.3
44	7.7	5.8	8.6





#5

2-Fluorophenol

Concen: 123.38 ng

RT: 5.48 min Scan# 279

Delta R.T. 0.01 min

Lab File: BF091335.D

Acq: 29 Nov 2016 19:05

Instrument :

BNA_F

ClientSampleId :

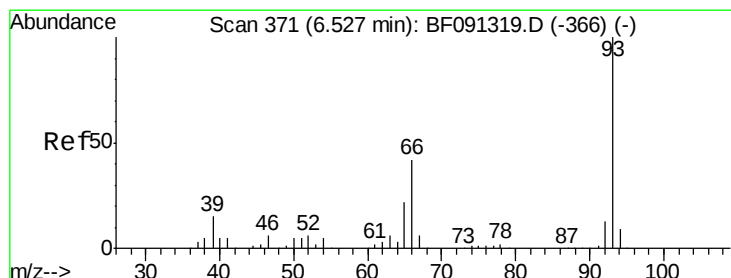
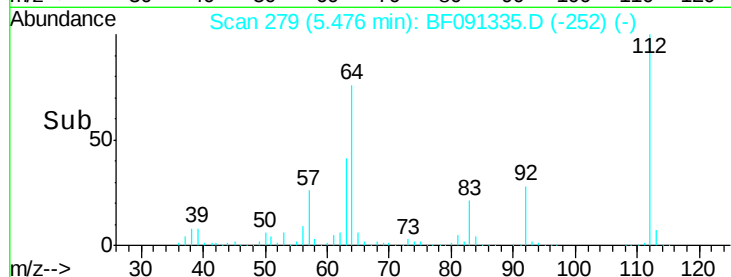
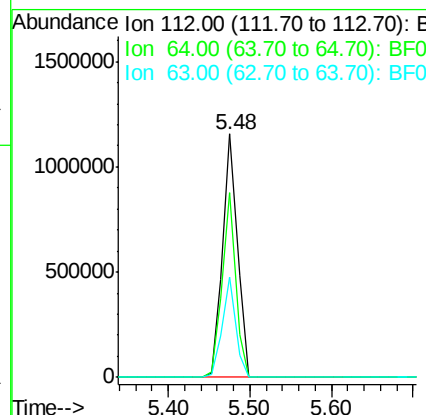
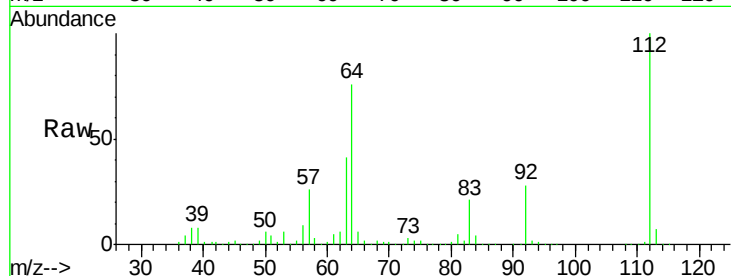
PHOENIX-BPMMSD

Tgt Ion:	112	Resp:	1460525
Ion Ratio	Lower	Upper	
112	100		
64	75.9	61.5	92.3
63	41.2	33.3	49.9

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#6

Aniline

Concen: 14.39 ng

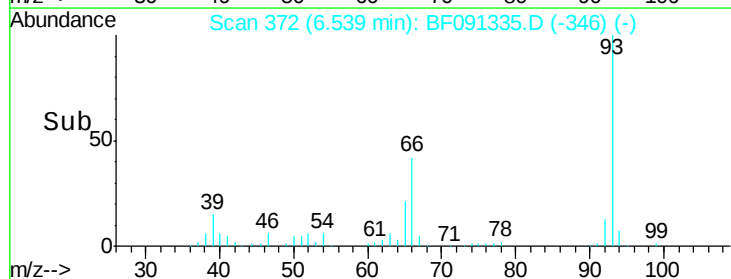
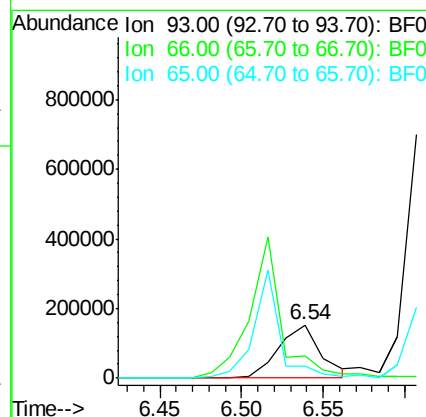
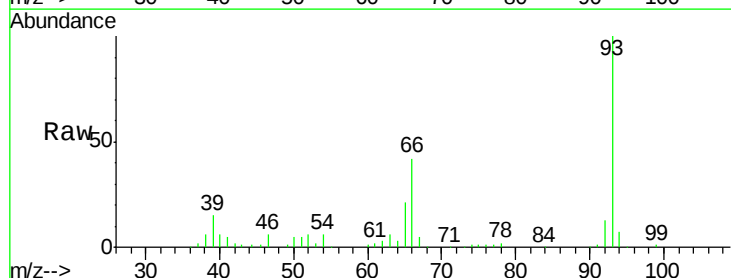
RT: 6.54 min Scan# 372

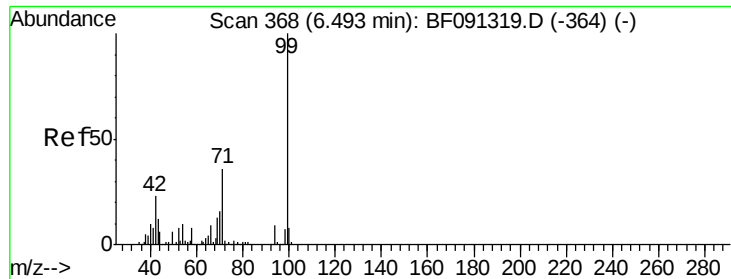
Delta R.T. -0.01 min

Lab File: BF091335.D

Acq: 29 Nov 2016 19:05

Tgt Ion:	93	Resp:	278483
Ion Ratio	Lower	Upper	
93	100		
66	41.8	55.8	83.6#
65	21.5	29.9	44.9#





#7

Phenol-d6

Concen: 128.66 ng

RT: 6.50 min Scan# 369

Delta R.T. 0.01 min

Lab File: BF091335.D

Acq: 29 Nov 2016 19:05

Instrument :

BNA_F

ClientSampleId :

PHOENIX-BPMMSD

Tgt Ion: 99 Resp: 1874844

Ion Ratio Lower Upper

99 100

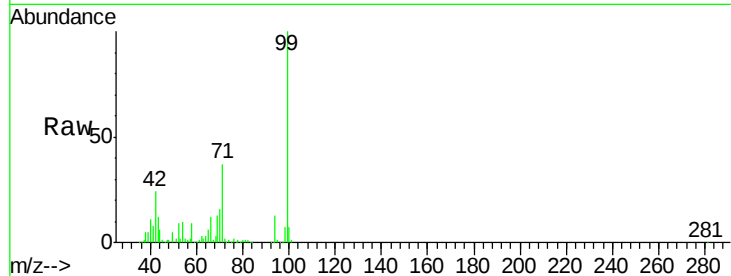
42 23.8 20.6 31.0

71 37.1 29.9 44.9

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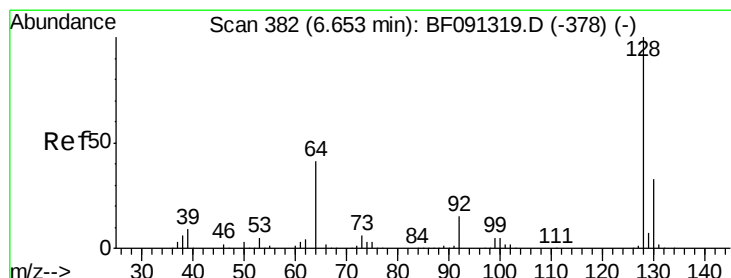
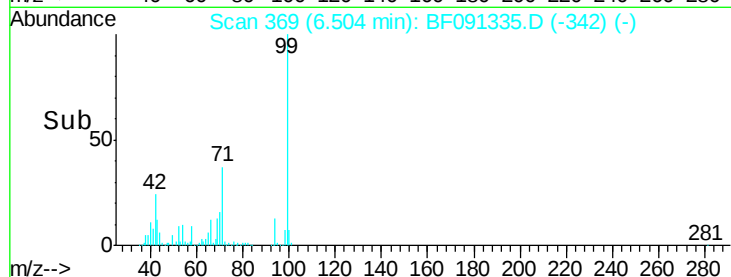
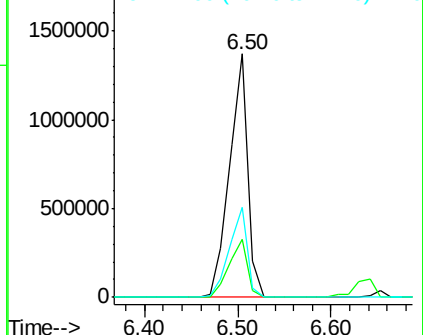
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.22 ng

RT: 6.65 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF091335.D

Acq: 29 Nov 2016 19:05

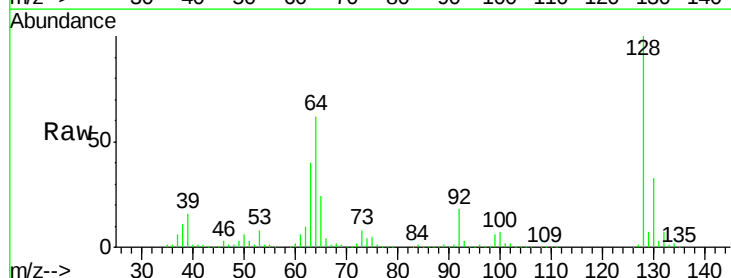
Tgt Ion: 128 Resp: 547994

Ion Ratio Lower Upper

128 100

130 32.6 13.1 53.1

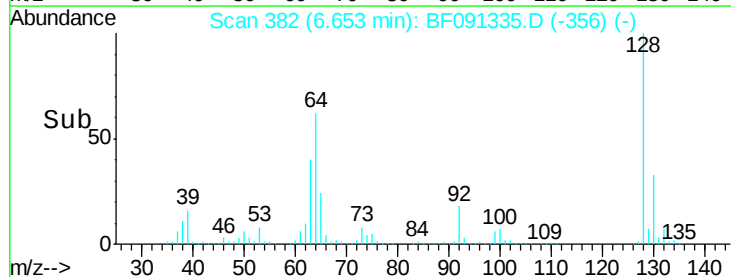
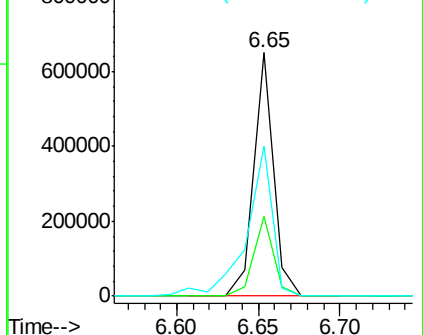
64 61.9 24.1 64.1

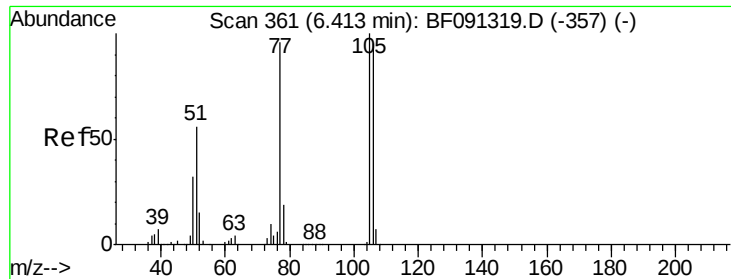


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 4.38 ng m

RT: 6.41 min Scan# 361

Delta R.T. -0.01 min

Lab File: BF091335.D

Acq: 29 Nov 2016 19:05

Instrument :

BNA_F

ClientSampleId :

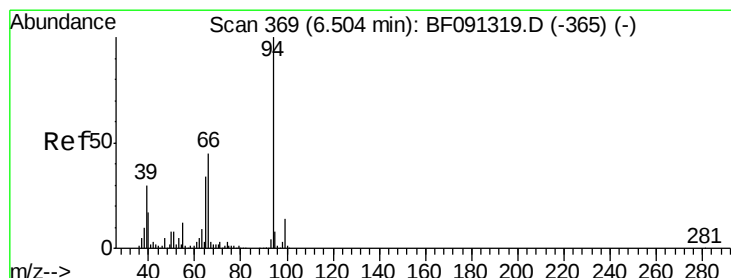
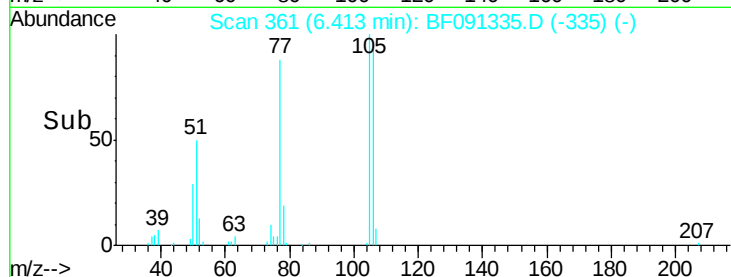
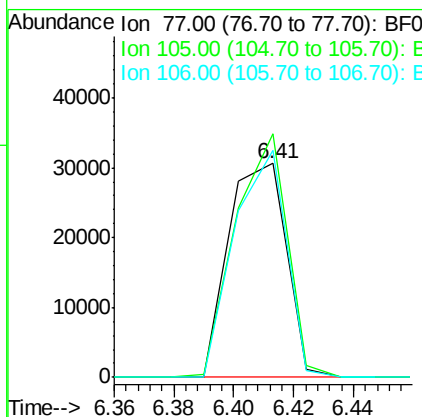
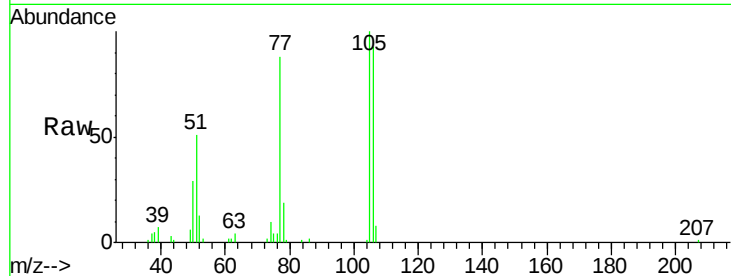
PHOENIX-BPMMSD

Tgt Ion	Ratio	Lower	Upper
77	100		
105	113.7	66.4	106.4#
106	106.2	60.9	100.9#

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#10

Phenol

Concen: 44.48 ng

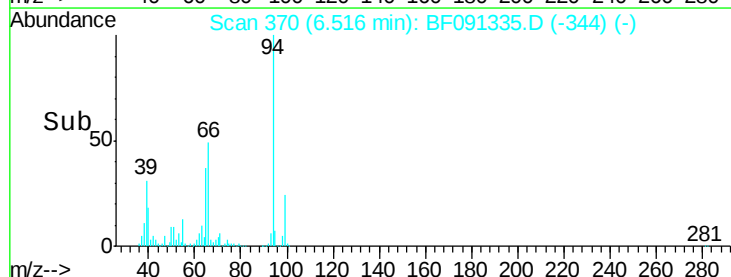
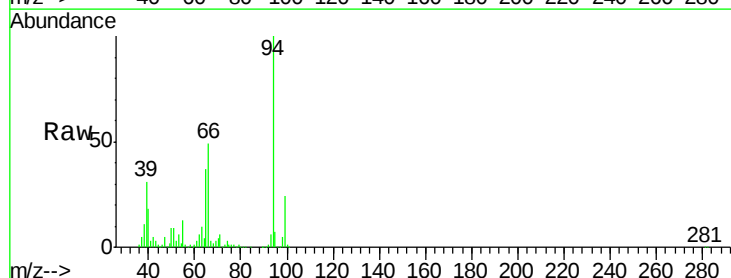
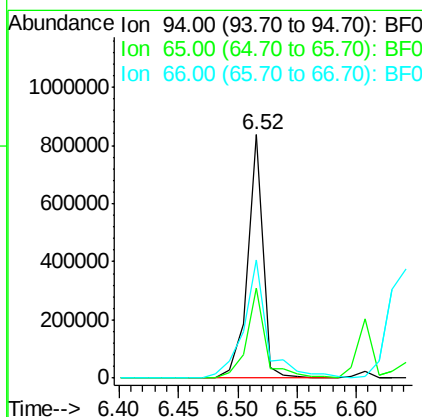
RT: 6.52 min Scan# 370

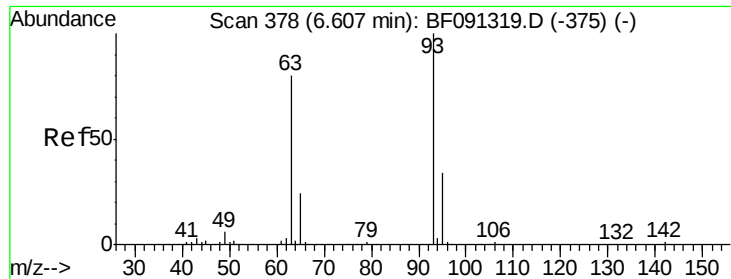
Delta R.T. -0.01 min

Lab File: BF091335.D

Acq: 29 Nov 2016 19:05

Tgt Ion	Ratio	Lower	Upper
94	100		
65	37.0	16.9	56.9
66	48.5	30.6	70.6





#11
 bis(2-Chloroethyl)ether
 Concen: 46.20 ng
 RT: 6.61 min Scan# 378
 Delta R.T. -0.01 min
 Lab File: BF091335.D
 Acq: 29 Nov 2016 19:05

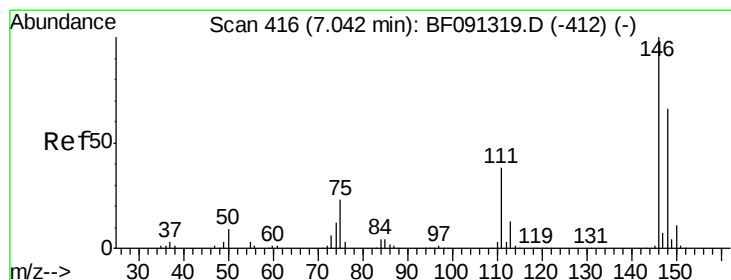
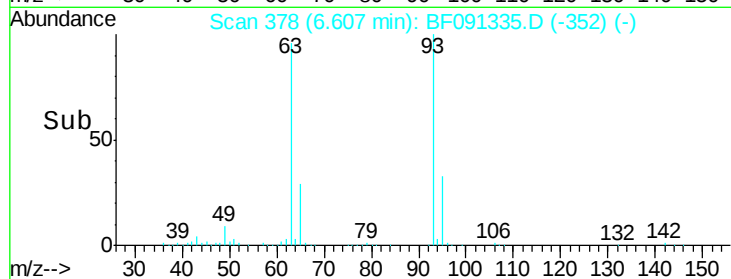
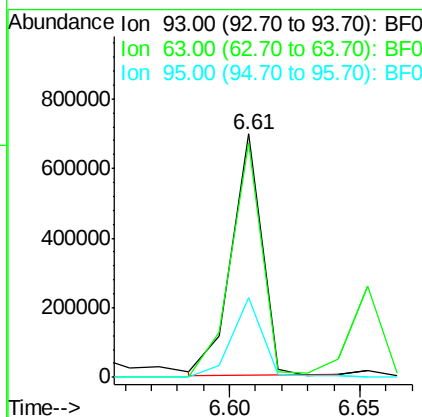
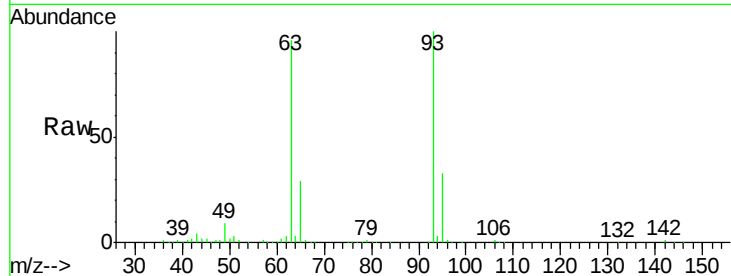
Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-BPMMSD

Tgt Ion:	93	Resp:	565983
Ion	Ratio	Lower	Upper
93	100		
63	96.3	74.8	114.8
95	32.8	12.4	52.4

Manual Integrations
 APPROVED

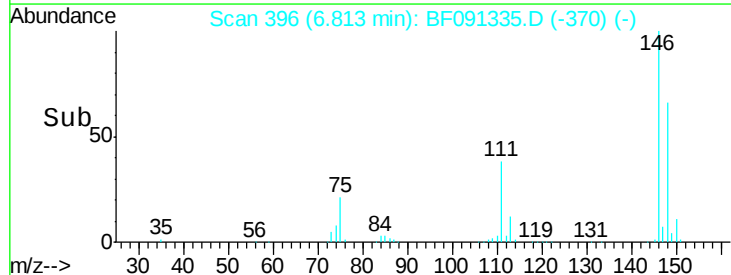
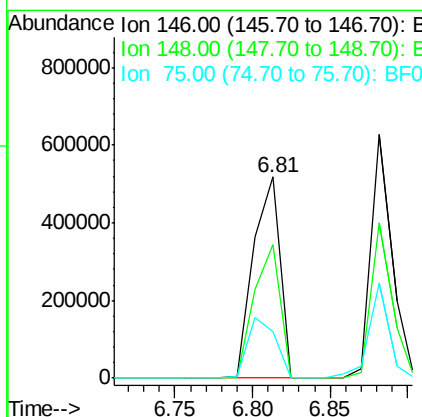
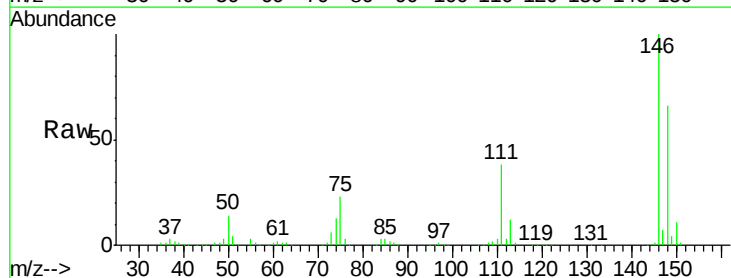
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#12
 1,3-Dichlorobenzene
 Concen: 42.18 ng m
 RT: 6.81 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BF091335.D
 Acq: 29 Nov 2016 19:05

Tgt Ion:	146	Resp:	608940
Ion	Ratio	Lower	Upper
146	100		
148	66.3	51.4	77.0
75	23.0	23.6	35.4#





#13
1,4-Dichlorobenzene
Concen: 40.58 ng
RT: 6.88 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF091335.D
Acq: 29 Nov 2016 19:05

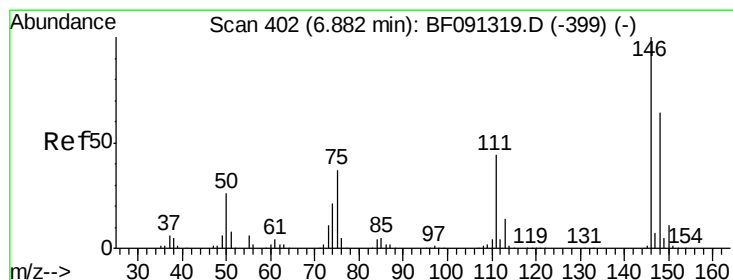
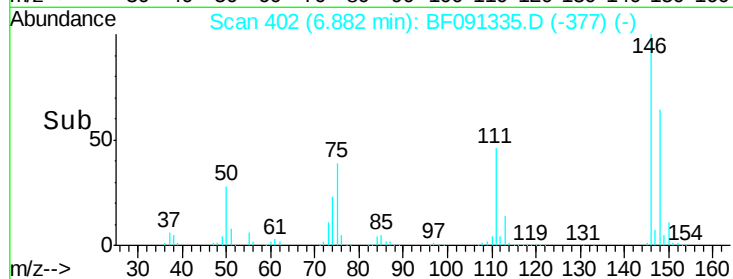
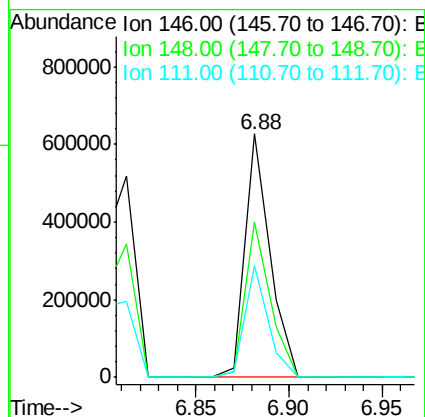
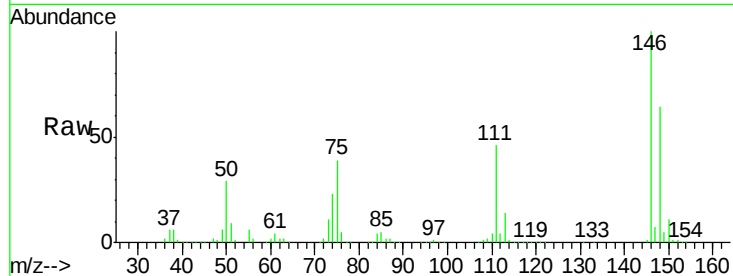
Instrument :
BNA_F
ClientSampleId :
PHOENIX-BPMMSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.4	77.0
111	46.0	32.2	48.2

Manual Integrations
APPROVED

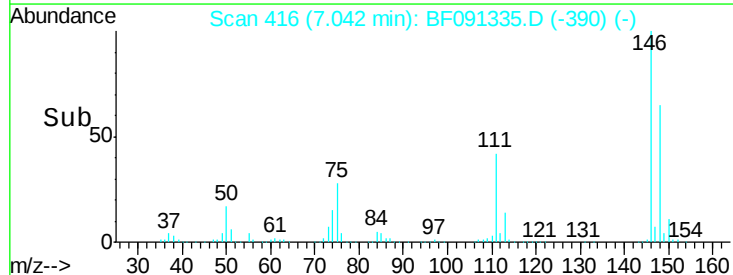
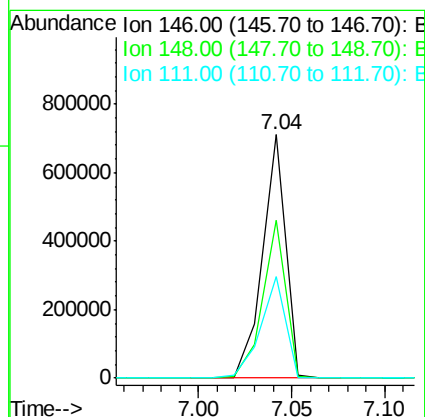
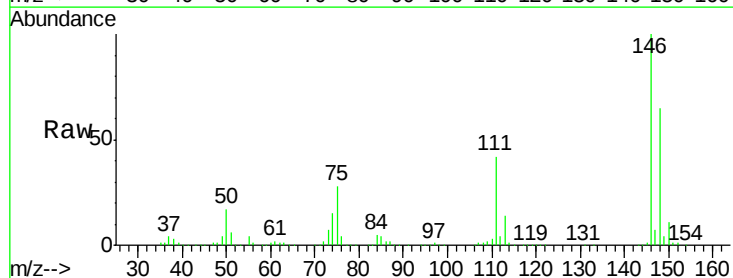
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#14
1,2-Dichlorobenzene
Concen: 45.07 ng
RT: 7.04 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF091335.D
Acq: 29 Nov 2016 19:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.0	76.6
111	41.8	38.9	58.3





#15

Benzyl Alcohol

Concen: 40.95 ng

RT: 7.01 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF091335.D

Acq: 29 Nov 2016 19:05

Tgt Ion:	79	Resp:	477587
Ion Ratio	Lower	Upper	
79	100		
108	72.6	62.7	94.1
77	63.8	51.7	77.5

Instrument :

BNA_F

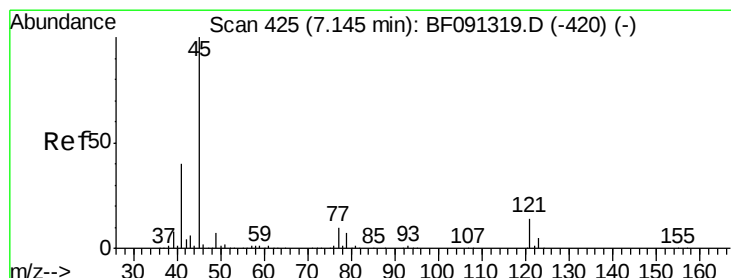
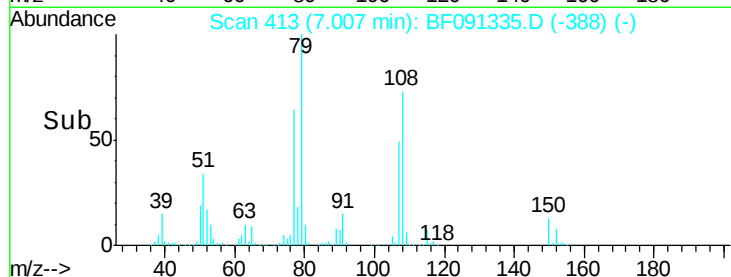
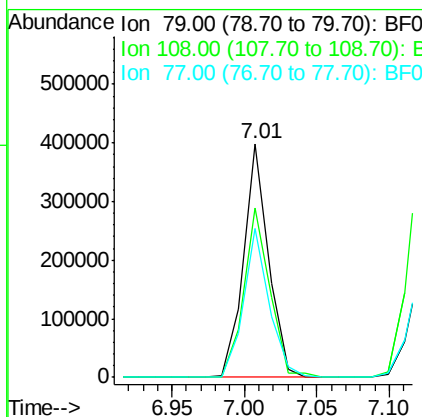
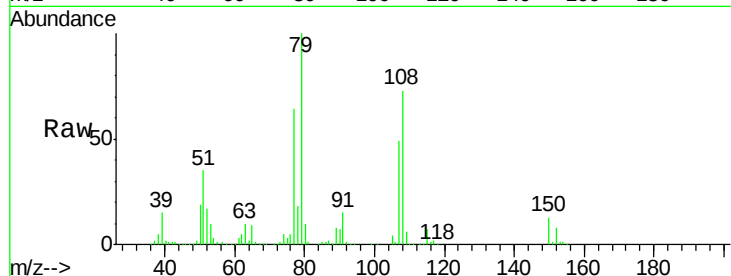
ClientSampleId :

PHOENIX-BPMMSD

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.91 ng

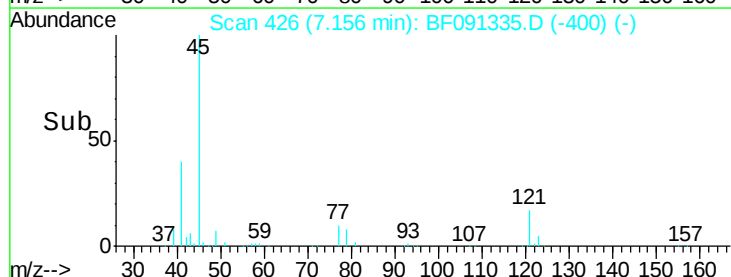
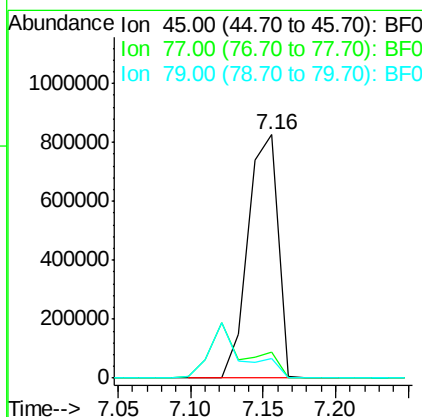
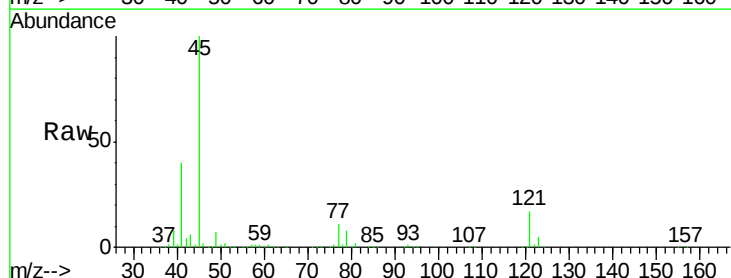
RT: 7.16 min Scan# 426

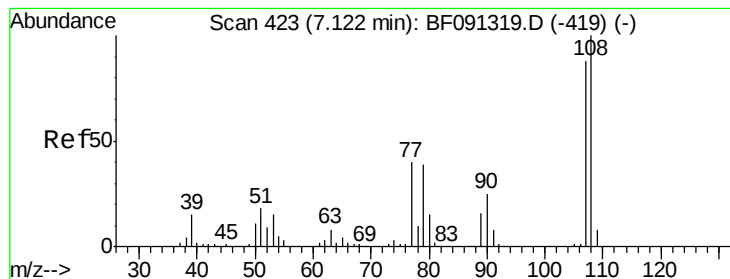
Delta R.T. -0.01 min

Lab File: BF091335.D

Acq: 29 Nov 2016 19:05

Tgt Ion:	45	Resp:	1183004
Ion Ratio	Lower	Upper	
45	100		
77	10.8	3.8	43.8
79	8.0	0.2	40.2





#17
2-Methylphenol
Concen: 42.87 ng
RT: 7.12 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF091335.D
Acq: 29 Nov 2016 19:05

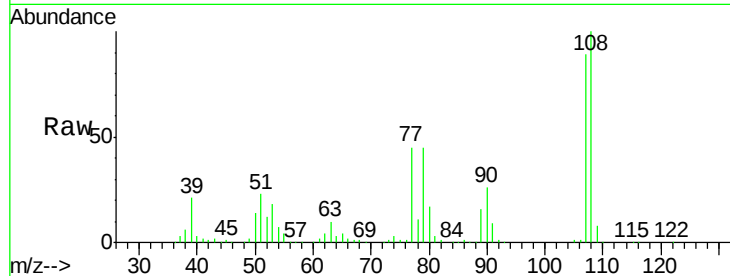
Instrument :
BNA_F
ClientSampleId :
PHOENIX-BPMMSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.4	67.7	101.5#	
77	51.0	40.7	61.1	
79	50.7	23.4	35.2#	

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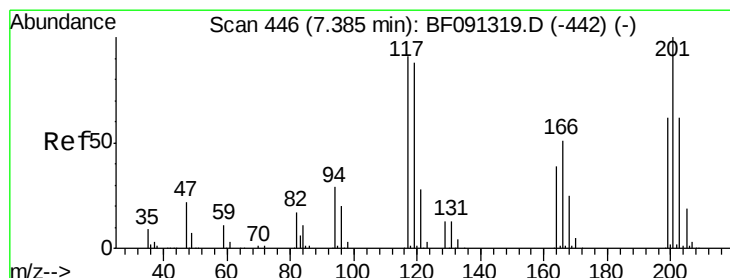
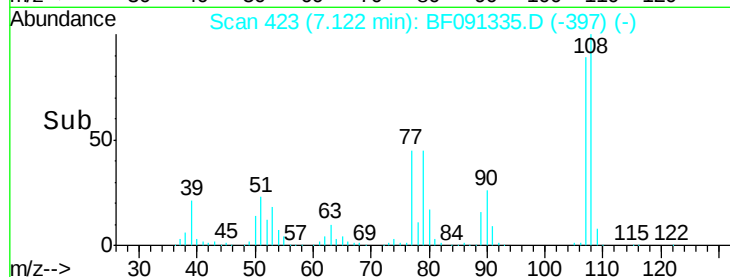
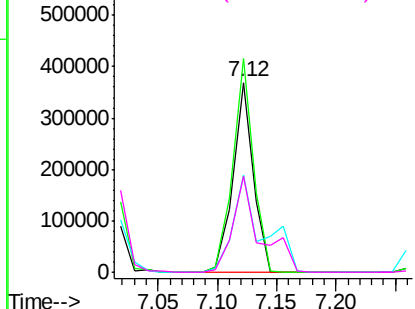
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 44.73 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF091335.D
Acq: 29 Nov 2016 19:05

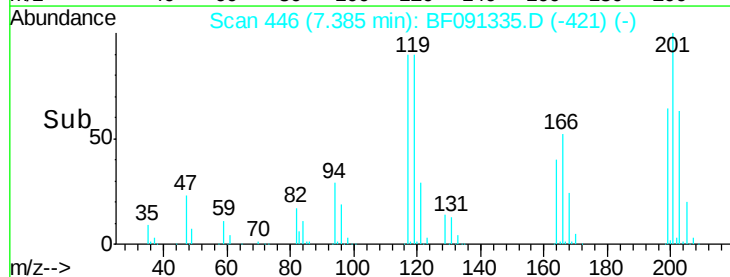
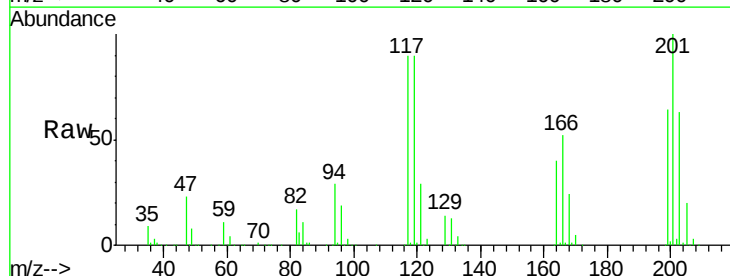
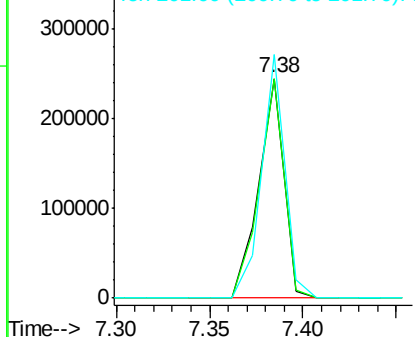
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.7	78.6	118.0	
201	110.8	86.7	130.1	

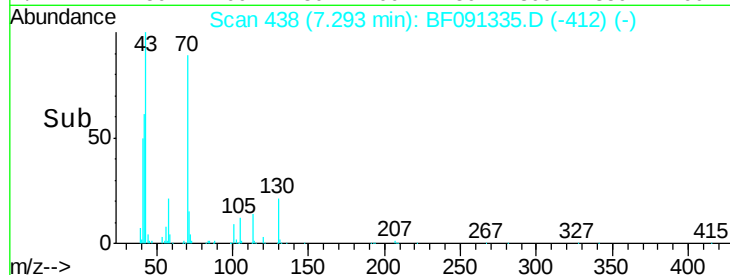
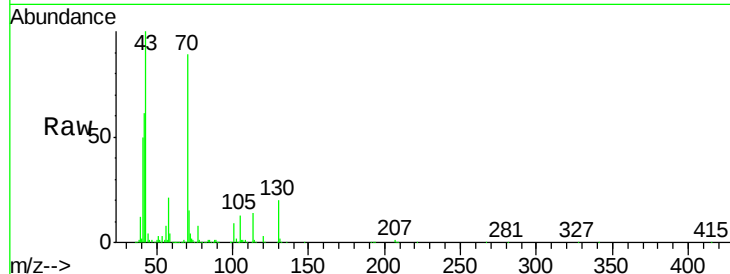
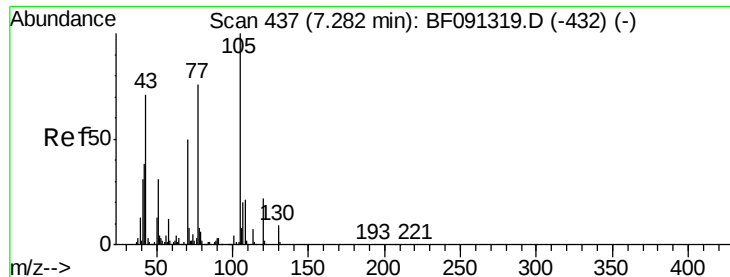
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 49.00 ng
RT: 7.29 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF091335.D
Acq: 29 Nov 2016 19:05

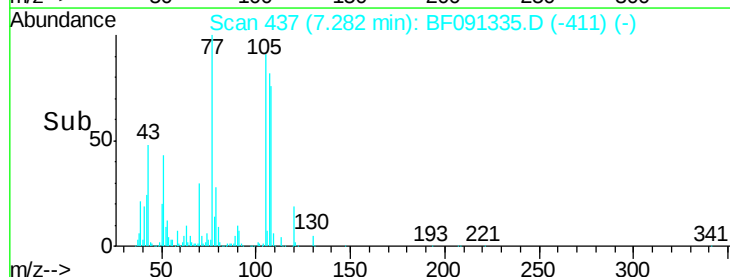
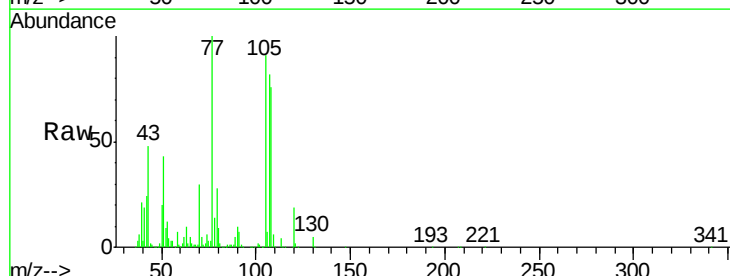
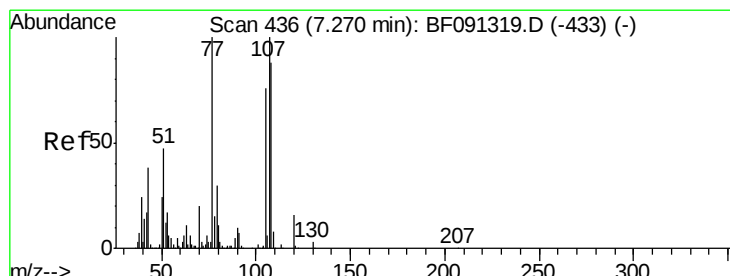
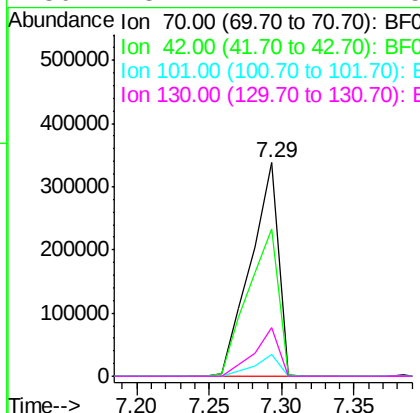
Instrument :
BNA_F
ClientSampleId :
PHOENIX-BPMMSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	68.7	64.8	97.2
101	10.4	6.2	9.4#
130	23.1	11.7	17.5#

Manual Integrations
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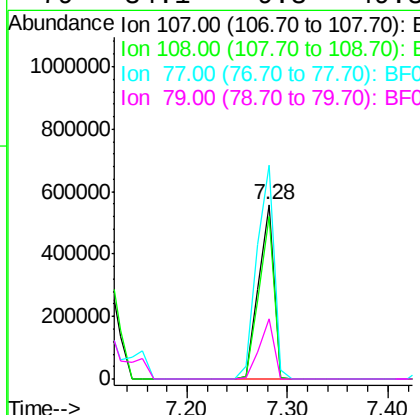
sohil

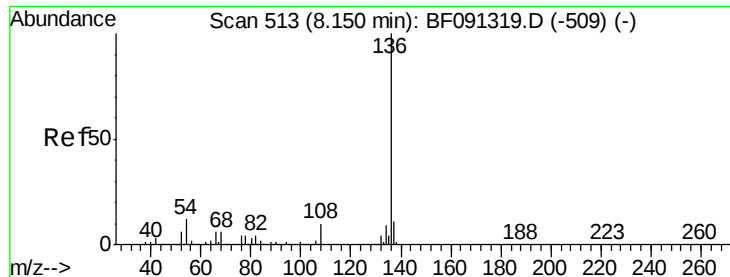
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#20
3+4-Methylphenols
Concen: 47.41 ng
RT: 7.28 min Scan# 437
Delta R.T. -0.01 min
Lab File: BF091335.D
Acq: 29 Nov 2016 19:05

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.4	64.6	104.6
77	122.4	30.9	70.9#
79	34.1	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: BF091335.D
Acq: 29 Nov 2016 19:05

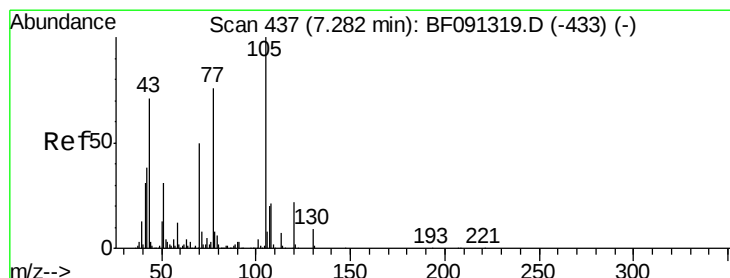
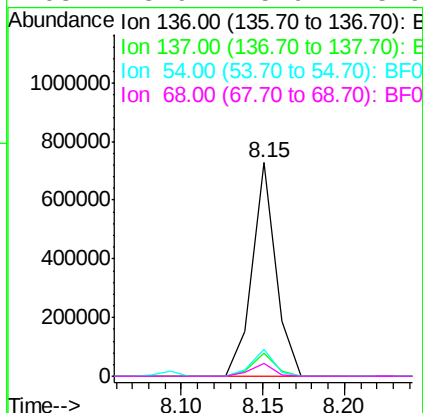
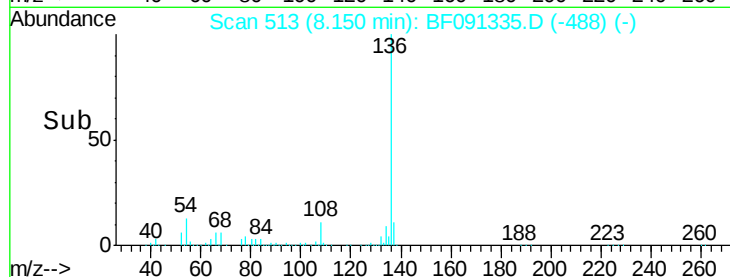
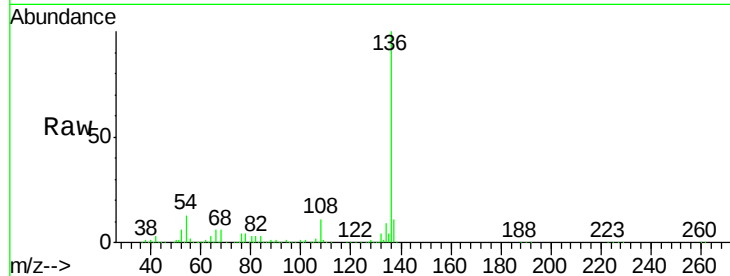
Instrument :
BNA_F
ClientSampleId :
PHOENIX-BPMMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.0	9.1	13.7
54	12.6	9.1	13.7
68	5.9	5.9	8.9#

Manual Integrations
APPROVED

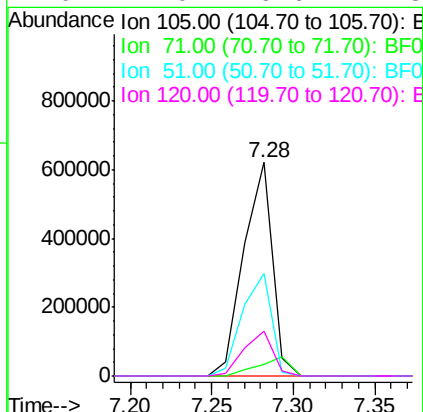
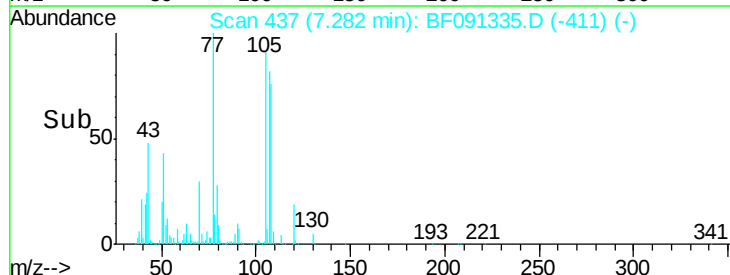
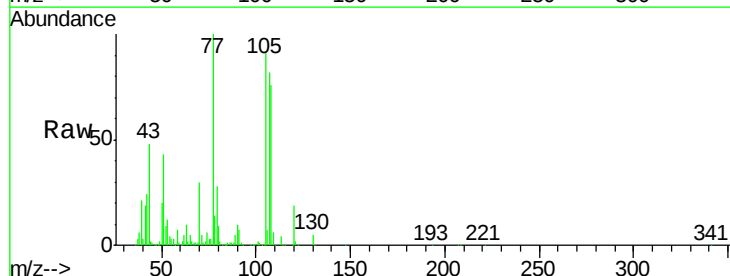
sohil

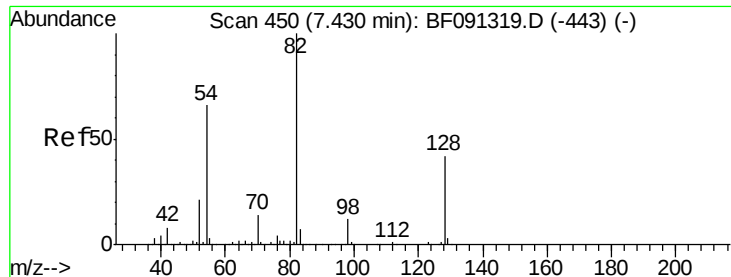
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#22
Acetophenone
Concen: 43.33 ng
RT: 7.28 min Scan# 437
Delta R.T. -0.01 min
Lab File: BF091335.D
Acq: 29 Nov 2016 19:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	5.3	7.9	11.9#
51	47.7	24.5	36.7#
120	21.0	16.6	24.8





#23
 Nitrobenzene-d5
 Concen: 93.96 ng
 RT: 7.43 min Scan# 450
 Delta R.T. -0.02 min
 Lab File: BF091335.D
 Acq: 29 Nov 2016 19:05

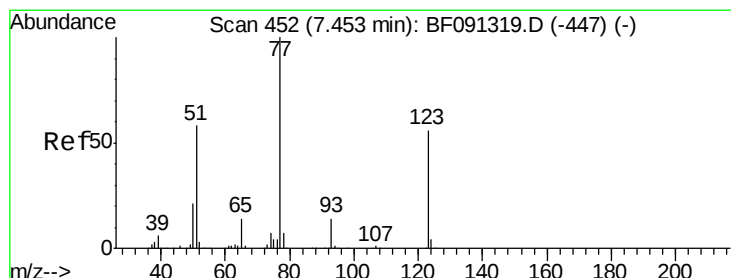
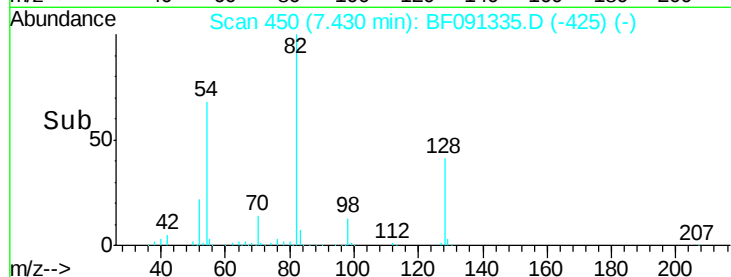
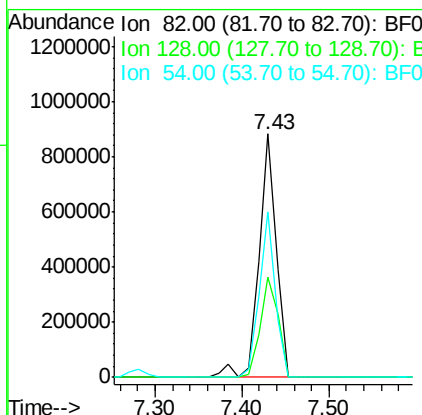
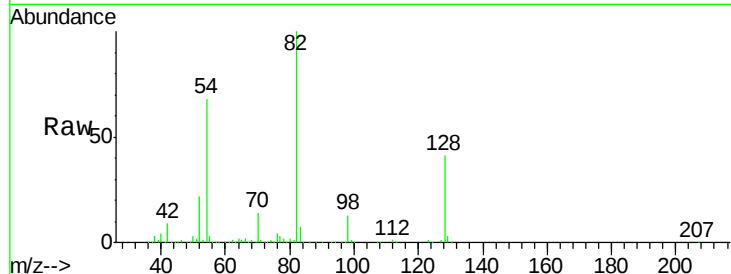
Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-BPMMSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.1	31.8	47.6
54	67.9	49.1	73.7

Manual Integrations
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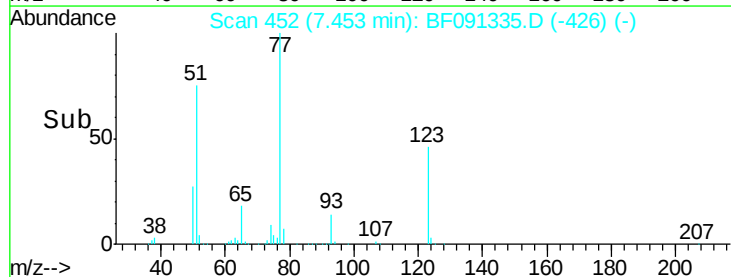
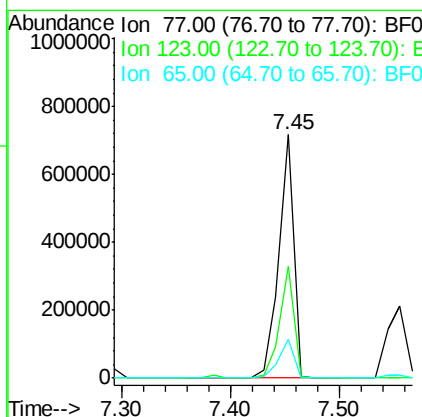
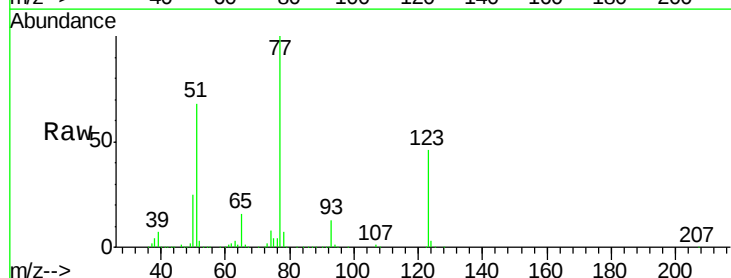
sohil

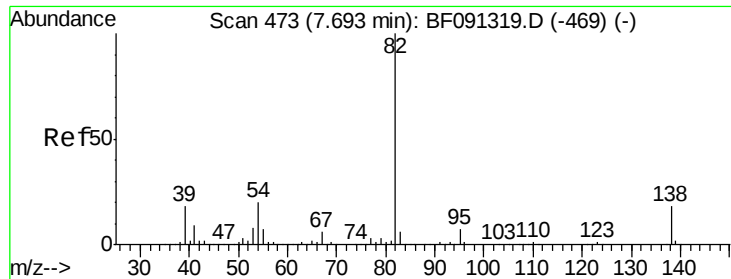
11/30/2016 10:33:48 AM



#24
 Nitrobenzene
 Concen: 50.43 ng
 RT: 7.45 min Scan# 452
 Delta R.T. -0.01 min
 Lab File: BF091335.D
 Acq: 29 Nov 2016 19:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.1	28.5	42.7#
65	15.8	12.5	18.7





#25

Isophorone

Concen: 48.89 ng

RT: 7.69 min Scan# 473

Delta R.T. -0.02 min

Lab File: BF091335.D

Acq: 29 Nov 2016 19:05

Instrument :

BNA_F

ClientSampleId :

PHOENIX-BPMMSD

Tgt Ion: 82 Resp: 1135849

Ion Ratio Lower Upper

82 100

95 7.3 5.7 8.5

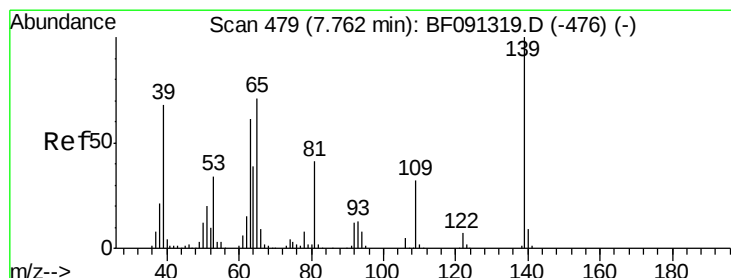
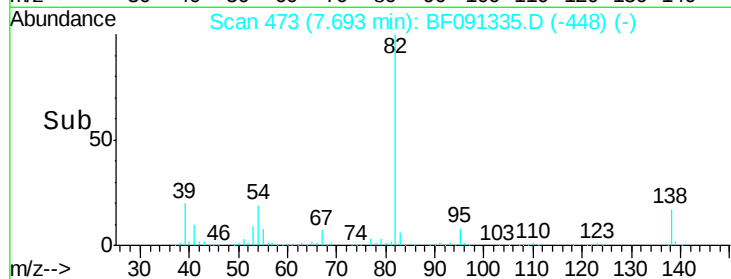
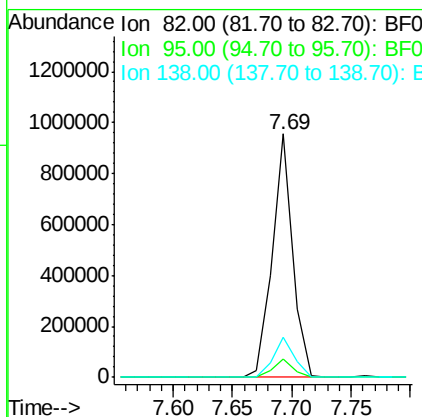
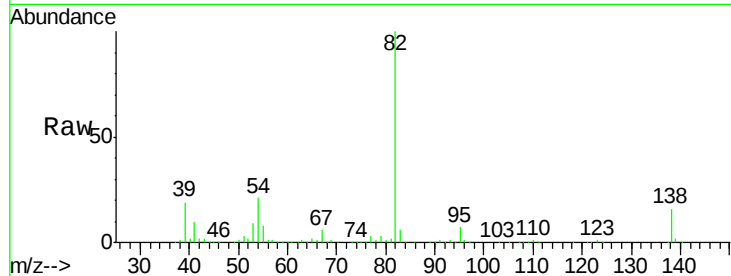
138 16.3 13.4 20.0

Manual Integrations

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#26

2-Nitrophenol

Concen: 48.41 ng

RT: 7.76 min Scan# 479

Delta R.T. -0.02 min

Lab File: BF091335.D

Acq: 29 Nov 2016 19:05

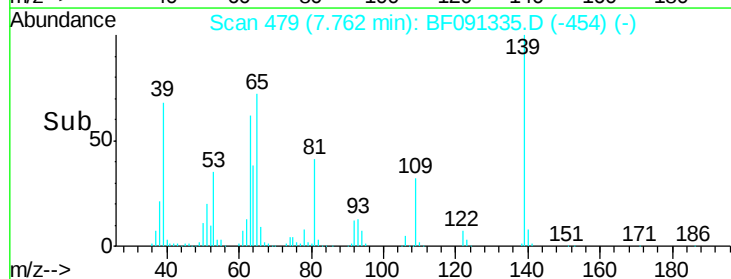
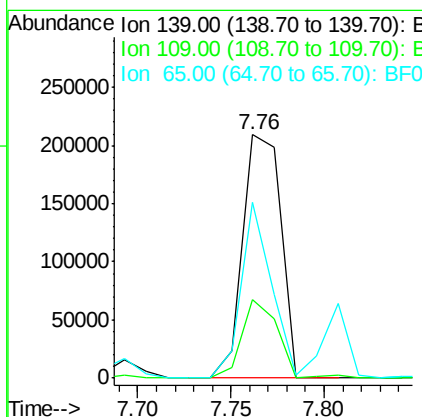
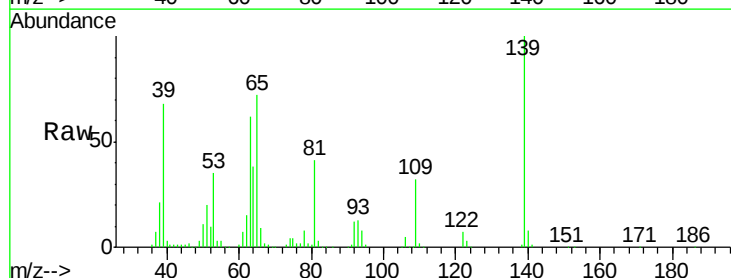
Tgt Ion: 139 Resp: 296203

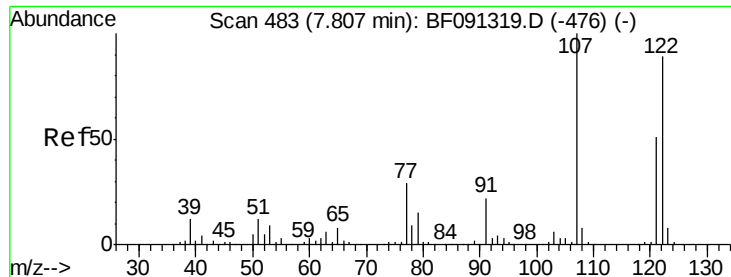
Ion Ratio Lower Upper

139 100

109 32.2 25.3 37.9

65 72.1 55.4 83.2





#27
 2,4-Dimethylphenol
 Concen: 44.58 ng
 RT: 7.81 min Scan# 483
 Delta R.T. -0.01 min
 Lab File: BF091335.D
 Acq: 29 Nov 2016 19:05

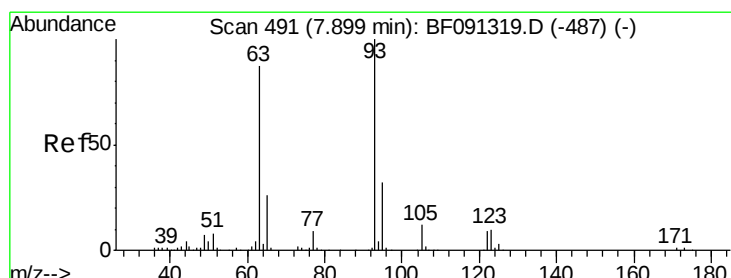
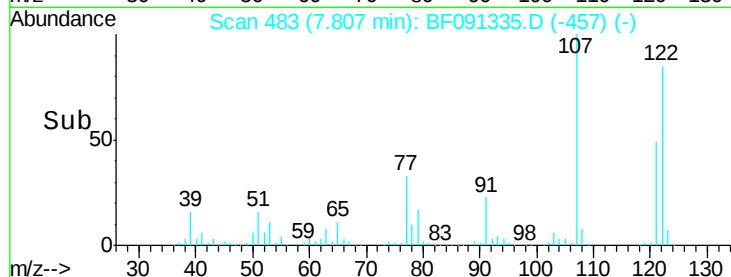
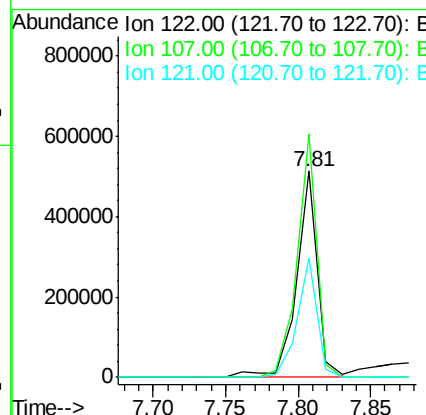
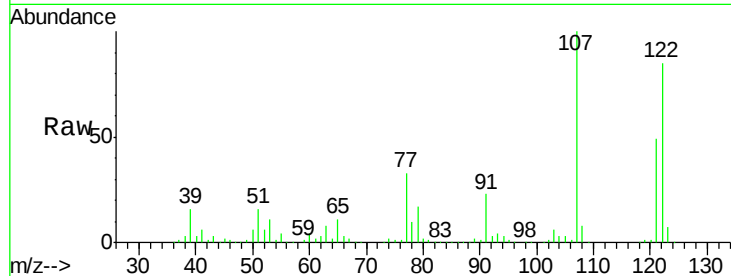
Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-BPMMSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	118.2	96.8	145.2
121	58.1	47.7	71.5

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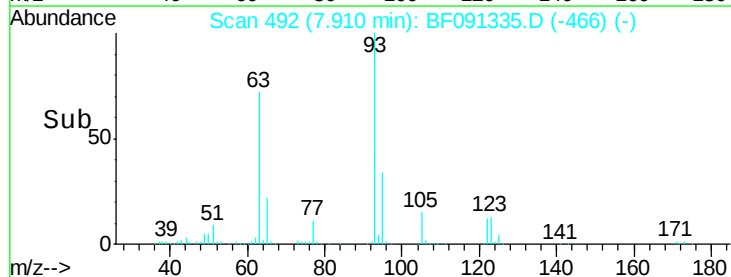
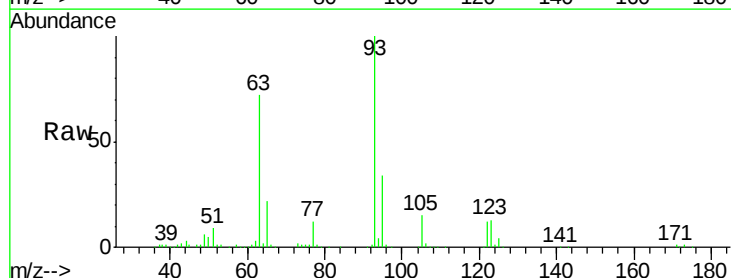
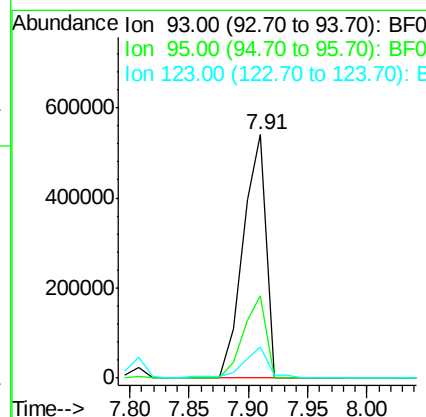
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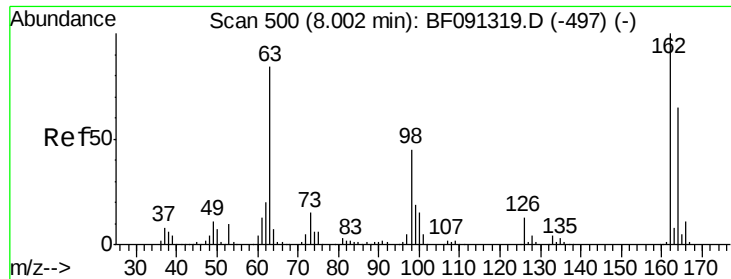
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#28
 bis(2-Chloroethoxy)methane
 Concen: 51.51 ng
 RT: 7.91 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: BF091335.D
 Acq: 29 Nov 2016 19:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	26.0	39.0
123	13.0	8.6	12.8#





#29
2,4-Dichlorophenol
Concen: 49.63 ng
RT: 8.01 min Scan# 501
Delta R.T. -0.01 min
Lab File: BF091335.D
Acq: 29 Nov 2016 19:05

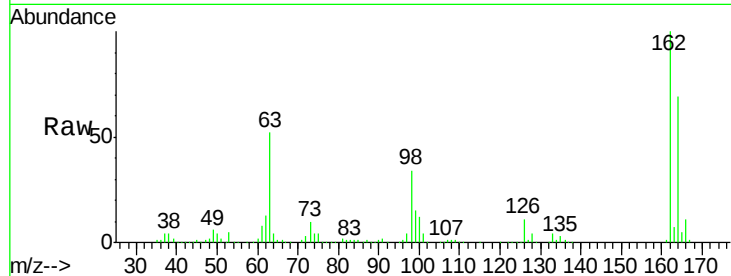
Instrument :
BNA_F
ClientSampleId :
PHOENIX-BPMMSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	499745		
164	68.6	45.0	85.0	
98	33.9	21.3	61.3	

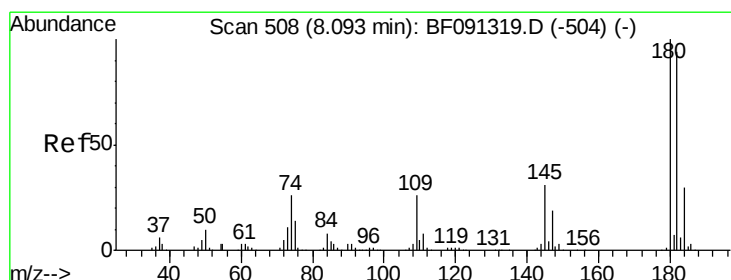
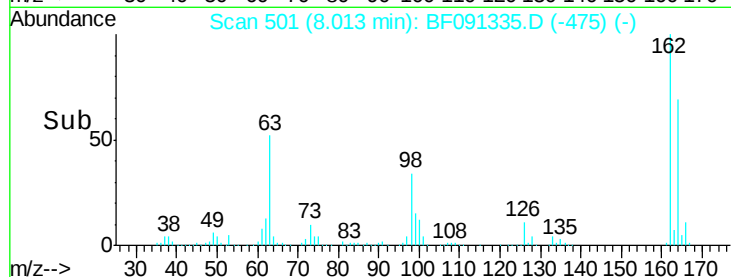
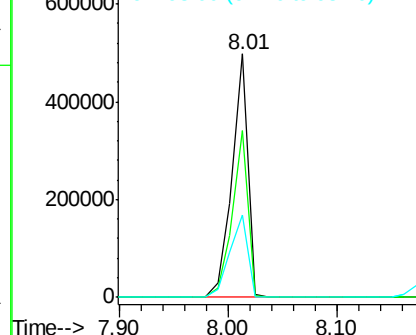
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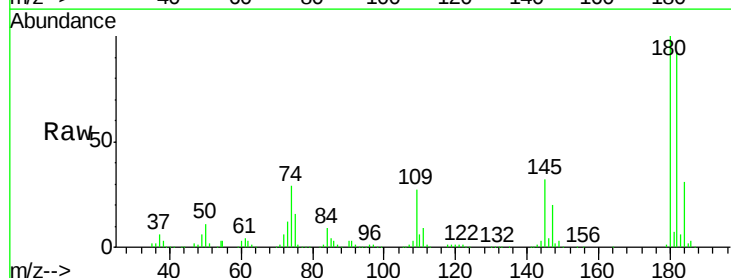


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

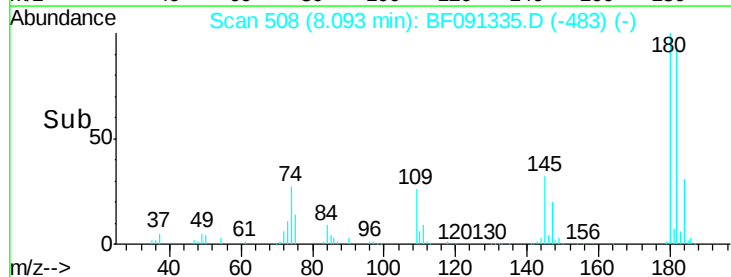
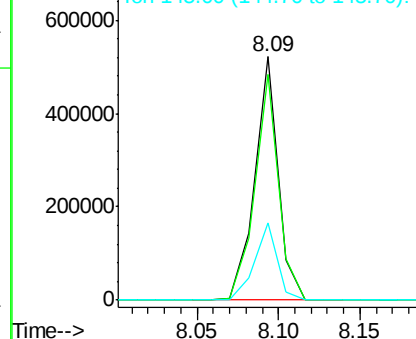


#30
1,2,4-Trichlorobenzene
Concen: 45.89 ng
RT: 8.09 min Scan# 508
Delta R.T. -0.02 min
Lab File: BF091335.D
Acq: 29 Nov 2016 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	518048		
182	92.9	75.8	113.8	
145	31.8	27.0	40.4	



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.64 ng

RT: 8.17 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF091335.D

Acq: 29 Nov 2016 19:05

Instrument :

BNA_F

ClientSampleId :

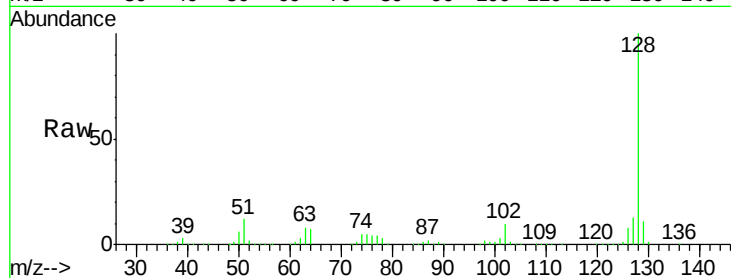
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Tgt Ion:	128	Resp:	1524184
Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.1	13.7
127	13.5	11.0	16.4

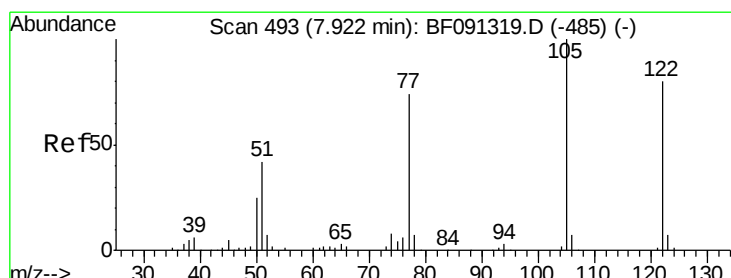
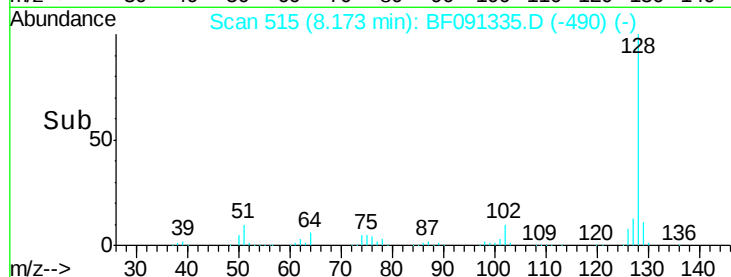
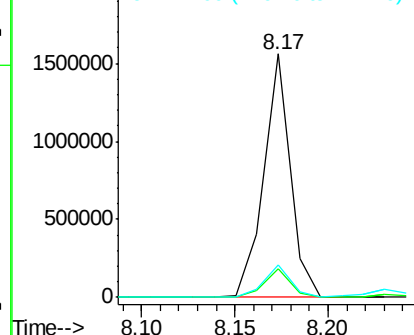
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.81 ng

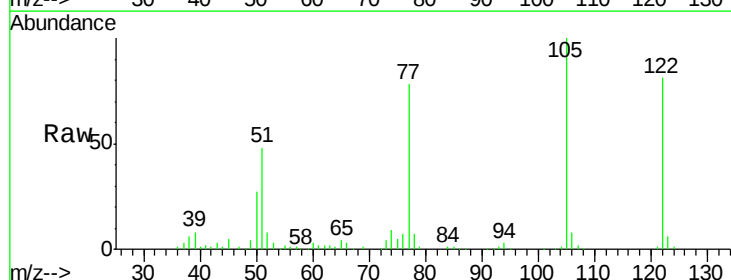
RT: 7.93 min Scan# 494

Delta R.T. -0.00 min

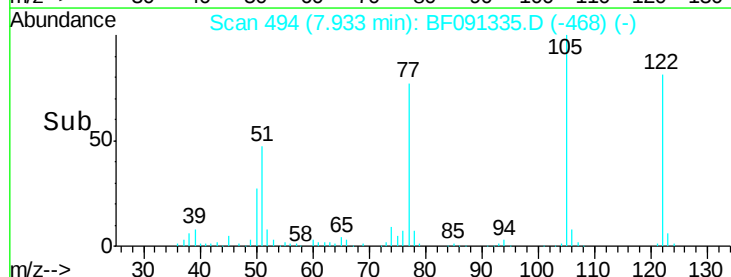
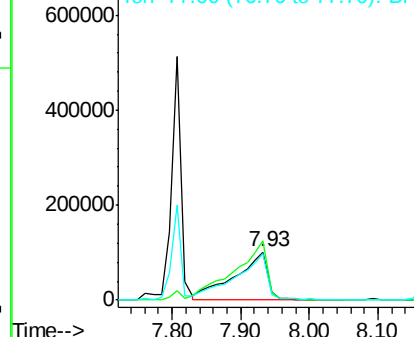
Lab File: BF091335.D

Acq: 29 Nov 2016 19:05

Tgt Ion:	122	Resp:	335859
Ion	Ratio	Lower	Upper
122	100		
105	122.7	113.0	153.0
77	96.0	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: 6.55 ng
RT: 8.23 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF091335.D
Acq: 29 Nov 2016 19:05

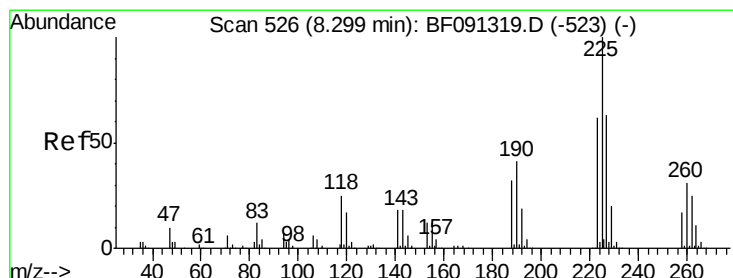
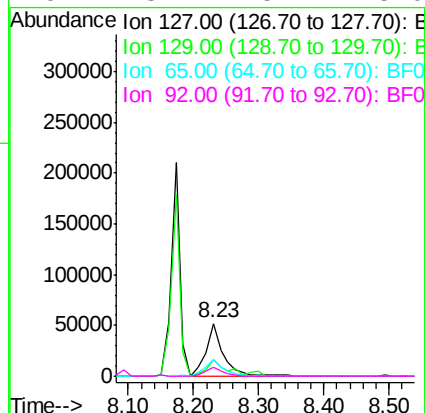
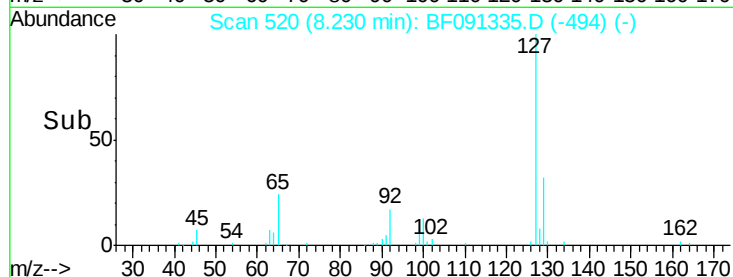
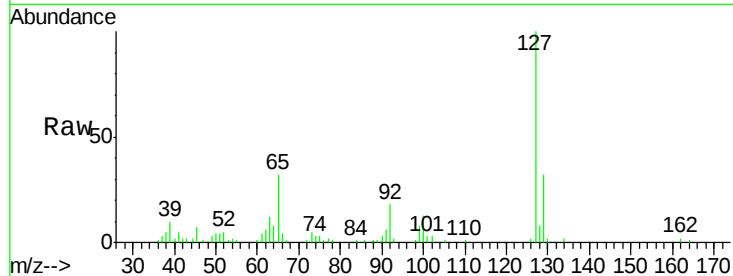
Instrument :
BNA_F
ClientSampleId :
PHOENIX-BPMMSD

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.2	39.4
65	32.4	26.6	39.8
92	18.1	15.4	23.0

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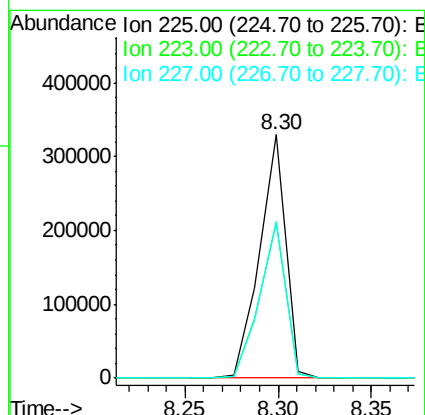
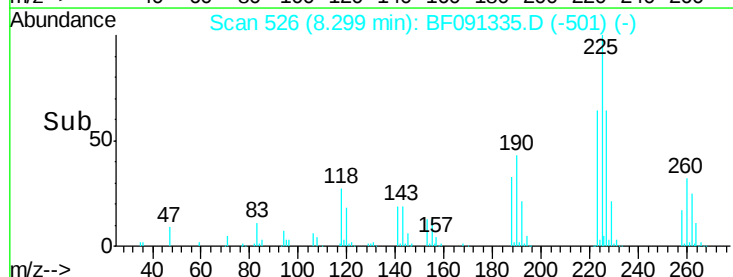
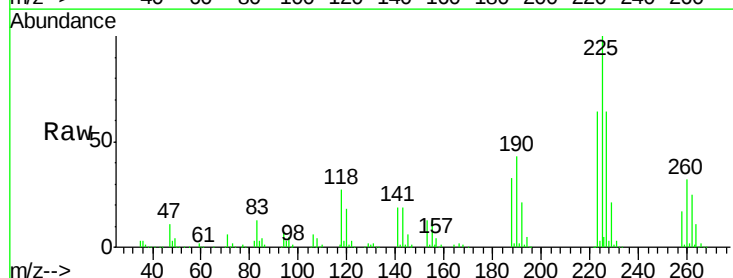
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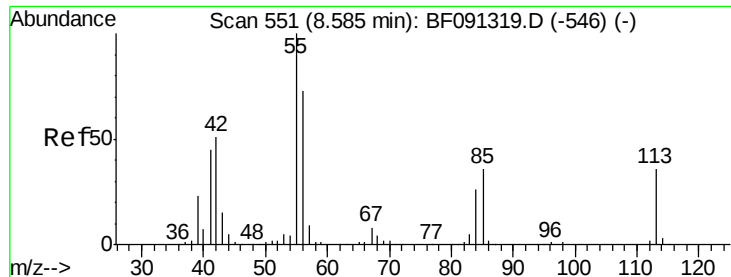
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#34
Hexachlorobutadiene
Concen: 45.93 ng
RT: 8.30 min Scan# 526
Delta R.T. -0.02 min
Lab File: BF091335.D
Acq: 29 Nov 2016 19:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.8	74.6
227	64.3	52.6	79.0





#35
 Caprolactam
 Concen: 49.10 ng m
 RT: 8.60 min Scan# 552
 Delta R.T. -0.02 min
 Lab File: BF091335.D
 Acq: 29 Nov 2016 19:05

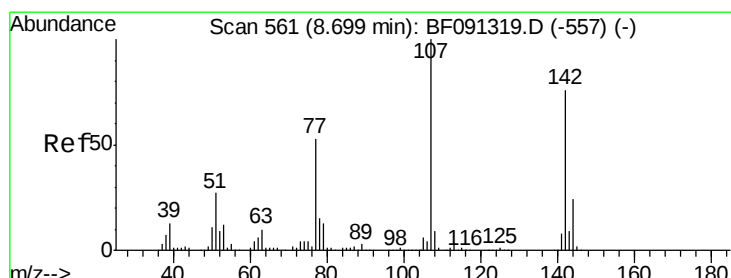
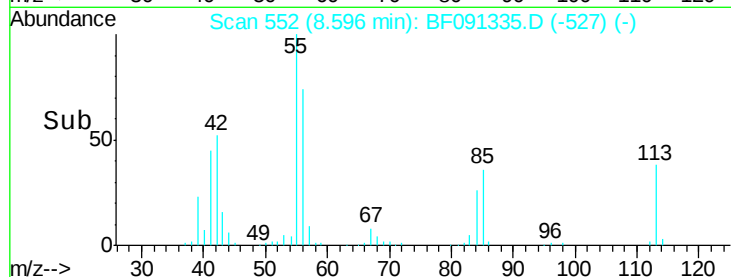
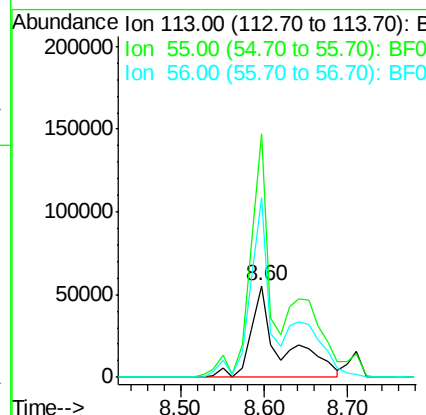
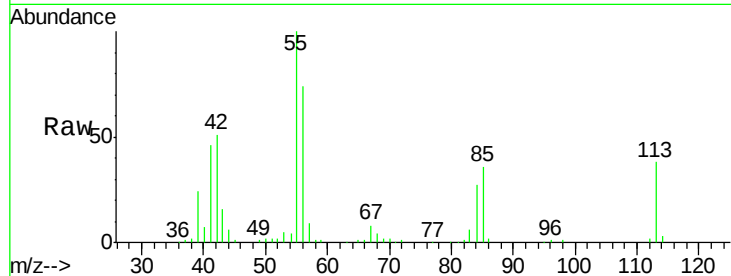
Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-BPMMSD

Tgt Ion	Ratio	Lower	Upper
113	100		
55	265.3	239.8	279.8
56	195.4	165.6	205.6

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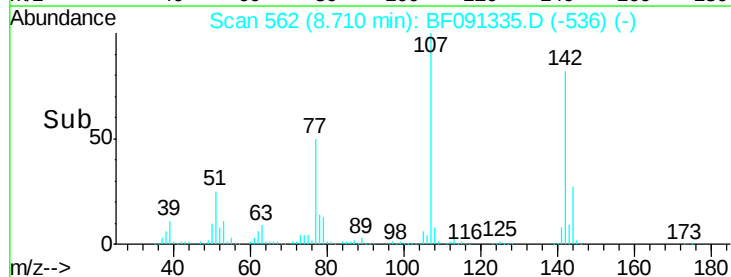
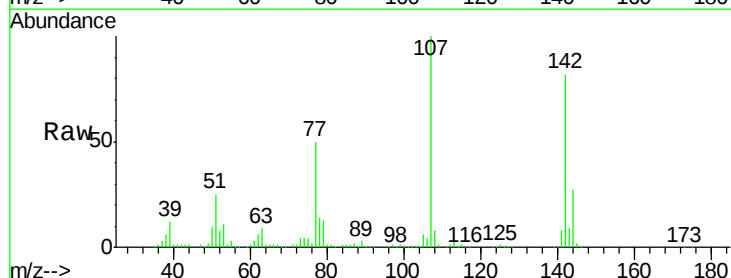
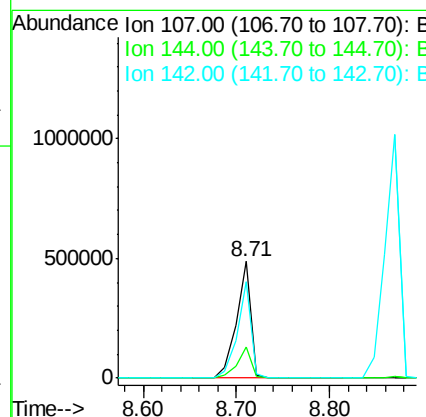
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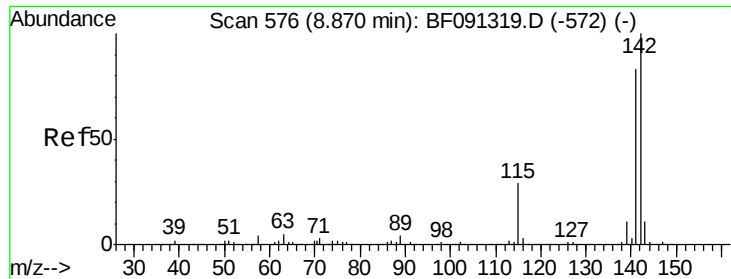
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#36
 4-Chloro-3-methylphenol
 Concen: 48.66 ng
 RT: 8.71 min Scan# 562
 Delta R.T. -0.01 min
 Lab File: BF091335.D
 Acq: 29 Nov 2016 19:05

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.9	18.9	28.3
142	82.4	58.5	87.7





#37
2-Methylnaphthalene
Concen: 46.99 ng
RT: 8.87 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF091335.D
Acq: 29 Nov 2016 19:05

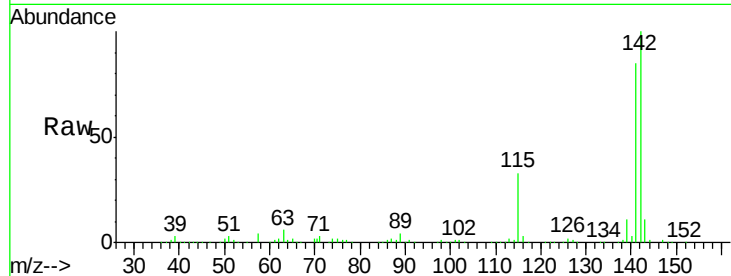
Instrument :
BNA_F
ClientSampleId :
PHOENIX-BPMMSD

Tgt Ion:142 Resp: 1114872
Ion Ratio Lower Upper
142 100
141 84.6 71.7 107.5
115 32.5 25.0 37.6

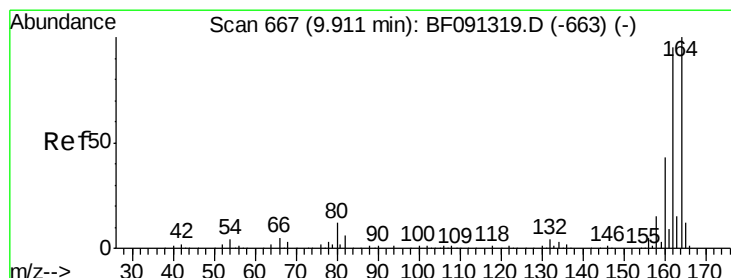
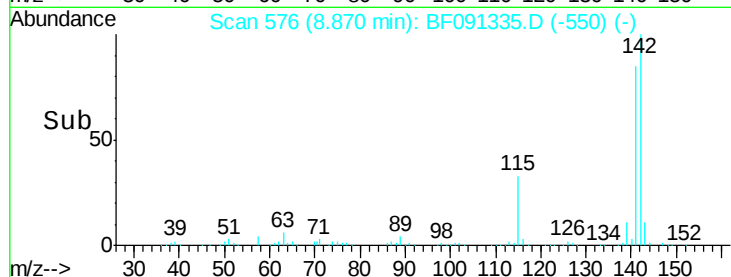
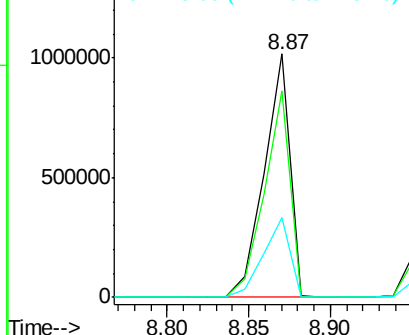
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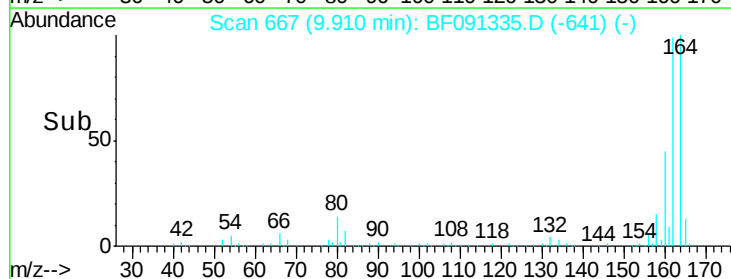
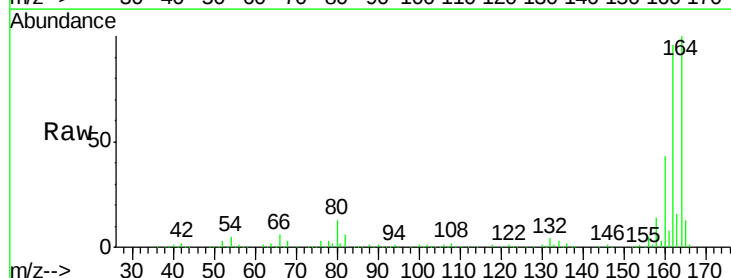
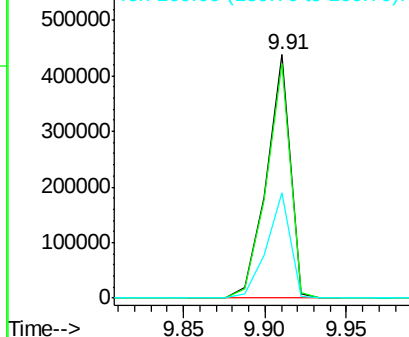
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

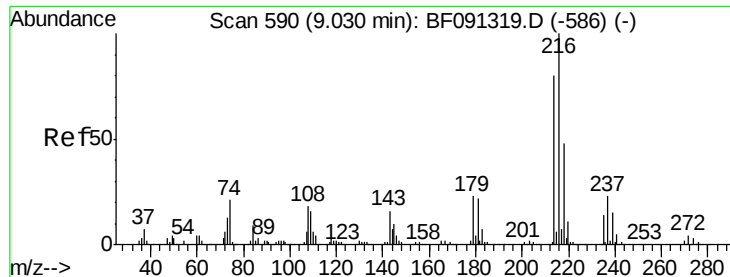


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF091335.D
Acq: 29 Nov 2016 19:05

Tgt Ion:164 Resp: 443402
Ion Ratio Lower Upper
164 100
162 96.1 82.6 124.0
160 43.4 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: 34.95 ng
 RT: 9.03 min Scan# 590
 Delta R.T. -0.02 min
 Lab File: BF091335.D
 Acq: 29 Nov 2016 19:05

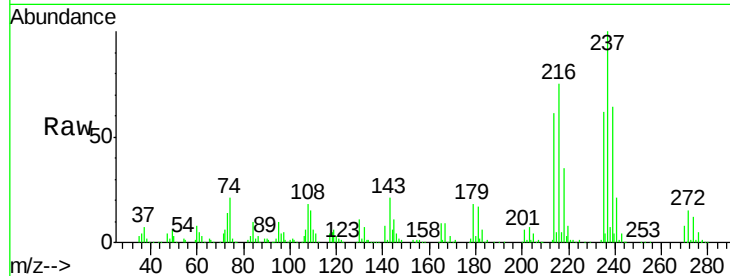
Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-BPMMSD

Tgt Ion:	216	Resp:	436846
Ion Ratio	Lower	Upper	
216	100		
214	79.8	63.8	95.8
179	20.9	18.2	27.2
108	21.0	17.2	25.8

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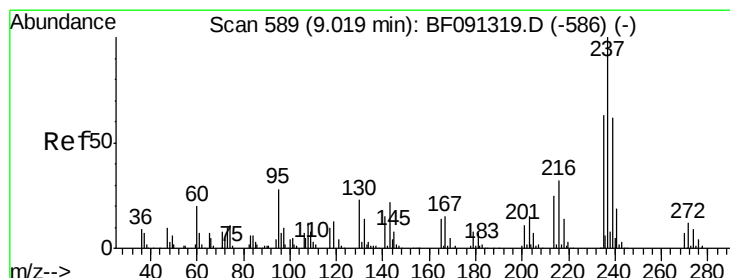
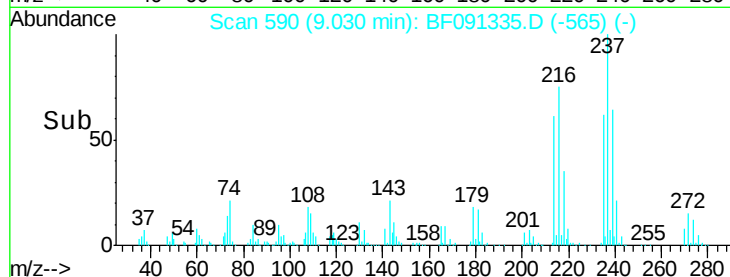
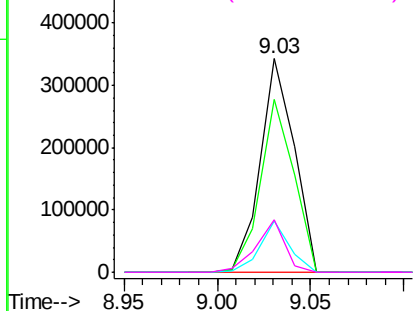
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

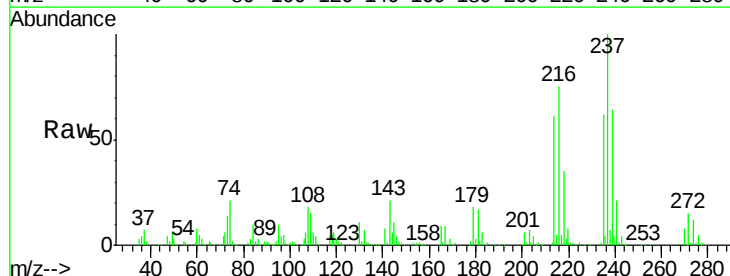
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 105.46 ng
 RT: 9.03 min Scan# 590
 Delta R.T. -0.01 min
 Lab File: BF091335.D
 Acq: 29 Nov 2016 19:05

Tgt Ion:	237	Resp:	611040
Ion Ratio	Lower	Upper	
237	100		
235	62.2	43.9	83.9
272	14.9	0.0	33.1

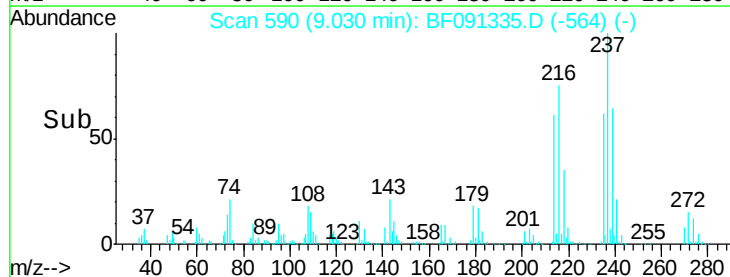
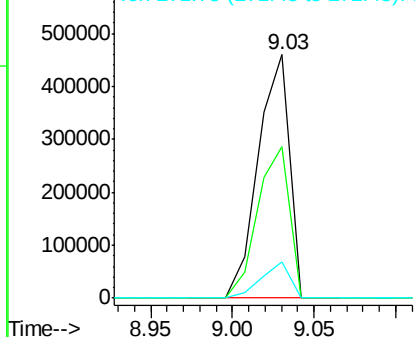


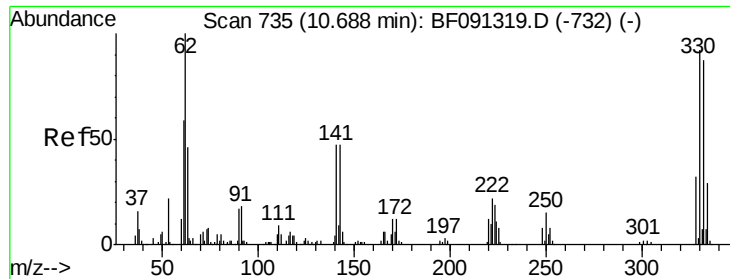
Abundance

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: 127.87 ng
 RT: 10.70 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BF091335.D
 Acq: 29 Nov 2016 19:05

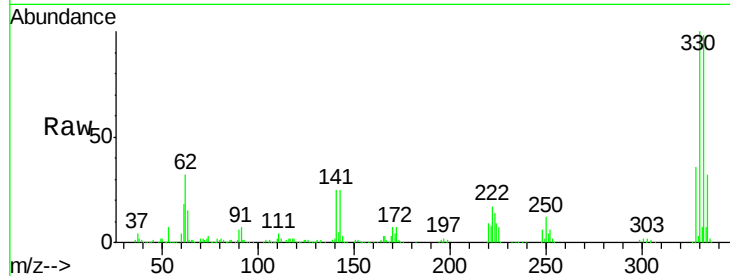
Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-BPMMSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	536763		
332	97.3	76.2	114.4	
141	33.8	33.6	50.4	

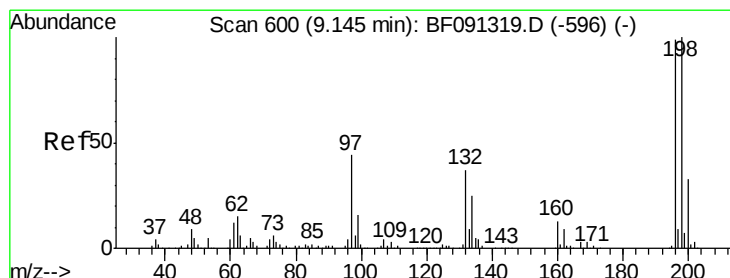
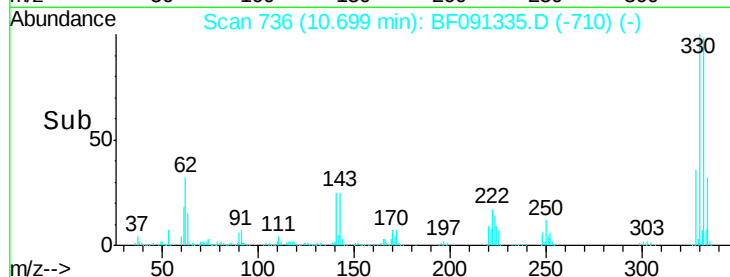
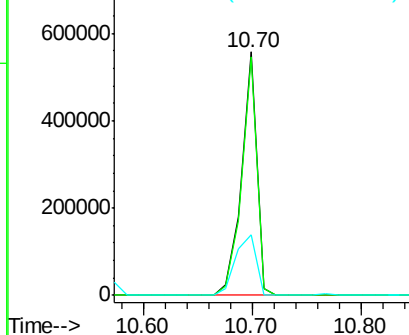
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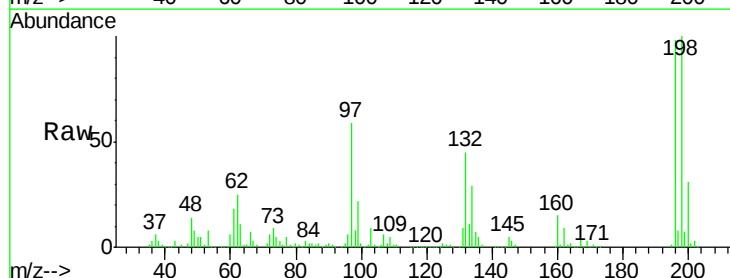


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

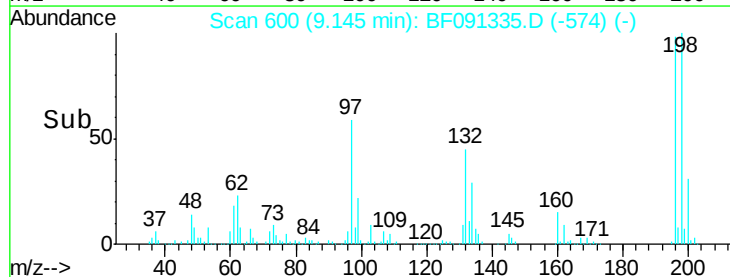
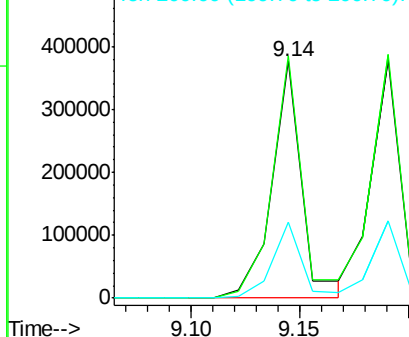


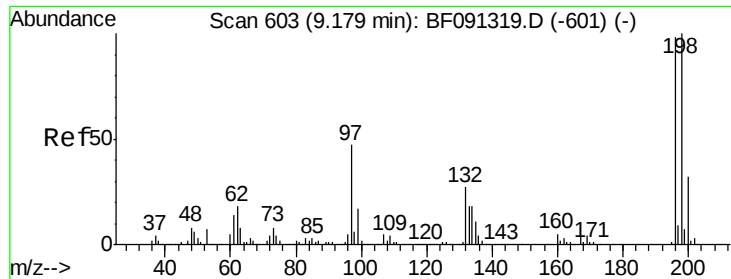
#42
 2,4,6-Trichlorophenol
 Concen: 44.76 ng
 RT: 9.14 min Scan# 600
 Delta R.T. -0.01 min
 Lab File: BF091335.D
 Acq: 29 Nov 2016 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	363649		
198	102.5	77.4	116.0	
200	32.0	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: 42.48 ng
 RT: 9.19 min Scan# 604
 Delta R.T. 0.01 min
 Lab File: BF091335.D
 Acq: 29 Nov 2016 19:05

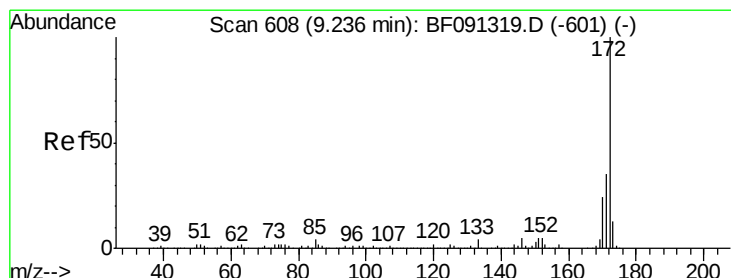
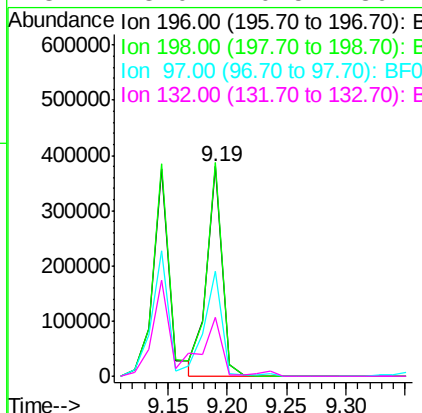
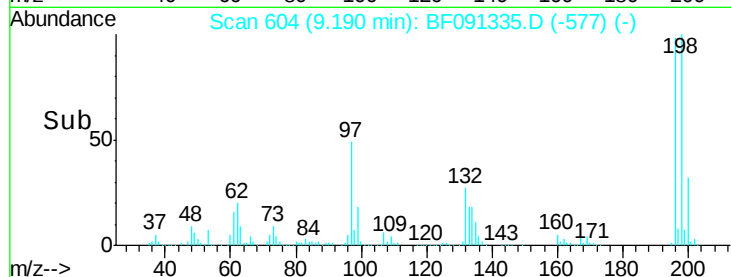
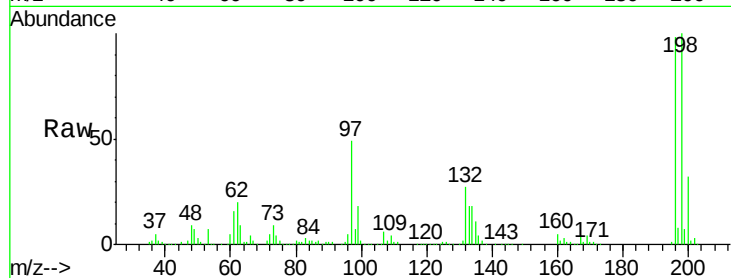
Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-BPMMSD

Tgt	Ion	196	Resp:	345872
	Ratio	Lower	Upper	
196	100			
198	101.9	77.0	115.6	
97	49.9	33.5	50.3	
132	28.0	20.5	30.7	

Manual Integrations
 APPROVED

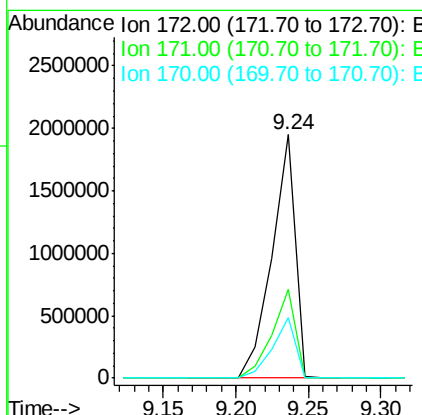
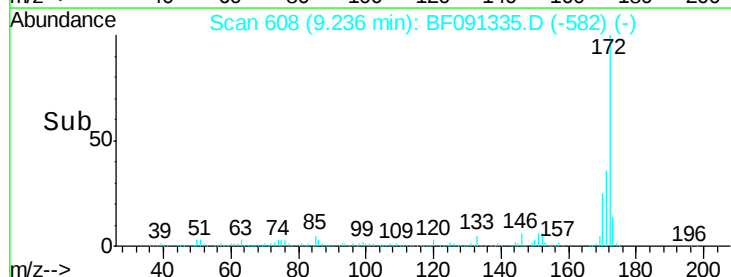
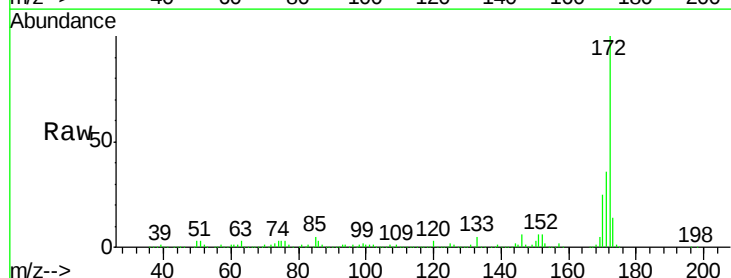
sohil

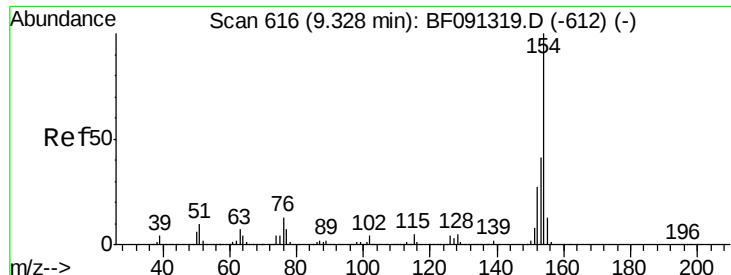
11/30/2016 10:33:48 AM



#44
 2-Fluorobiphenyl
 Concen: 88.96 ng
 RT: 9.24 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF091335.D
 Acq: 29 Nov 2016 19:05

Tgt	Ion	172	Resp:	2178545
	Ratio	Lower	Upper	
172	100			
171	36.3	29.4	44.0	
170	24.7	19.7	29.5	





#45

1,1'-Biphenyl

Concen: 37.94 ng

RT: 9.33 min Scan# 616

Delta R.T. -0.02 min

Lab File: BF091335.D

Acq: 29 Nov 2016 19:05

Instrument :

BNA_F

ClientSampleId :

PHOENIX-BPMMSD

Tgt Ion:154 Resp: 1209757

Ion Ratio Lower Upper

154 100

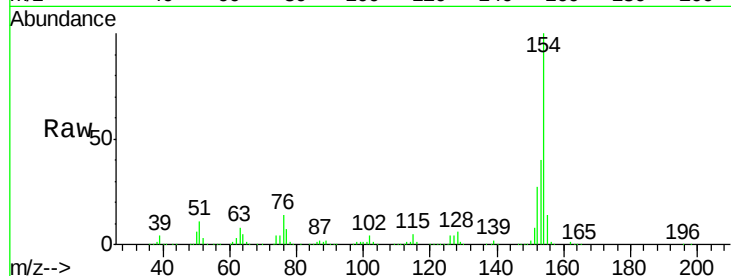
153 40.4 20.6 60.6

76 14.0 0.0 36.6

Manual Integrations
APPROVED

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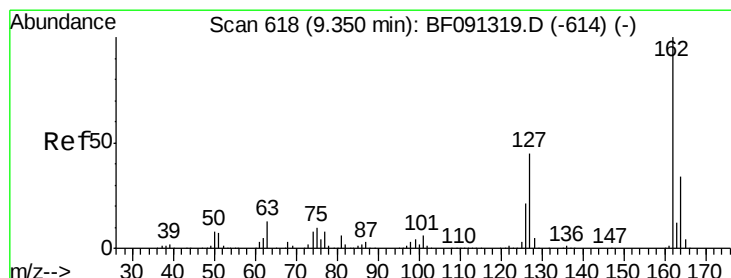
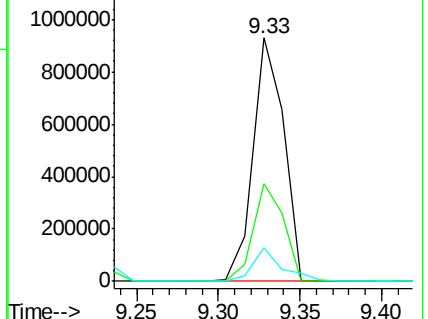
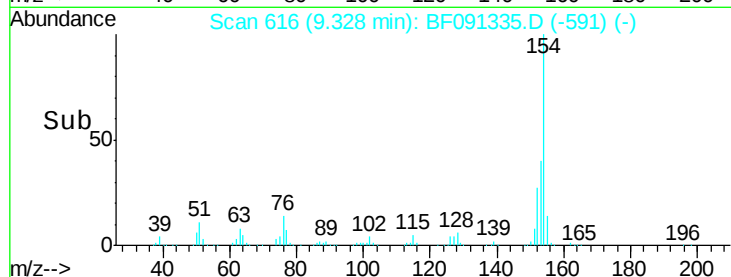
11/30/2016 10:33:48 AM



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



#46

2-Chloronaphthalene

Concen: 39.55 ng

RT: 9.35 min Scan# 618

Delta R.T. -0.02 min

Lab File: BF091335.D

Acq: 29 Nov 2016 19:05

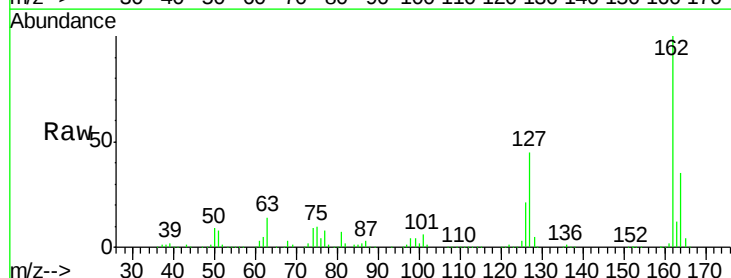
Tgt Ion:162 Resp: 939149

Ion Ratio Lower Upper

162 100

127 45.0 34.3 51.5

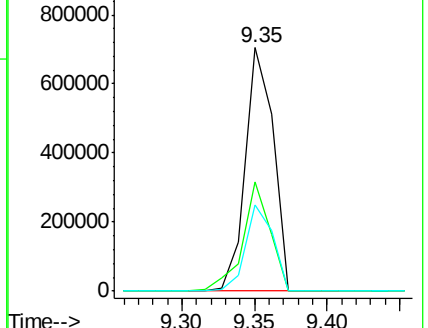
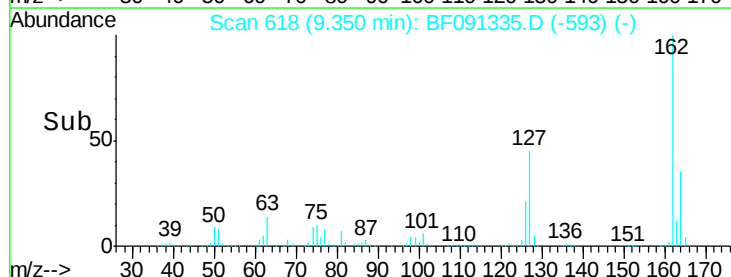
164 35.2 26.6 40.0

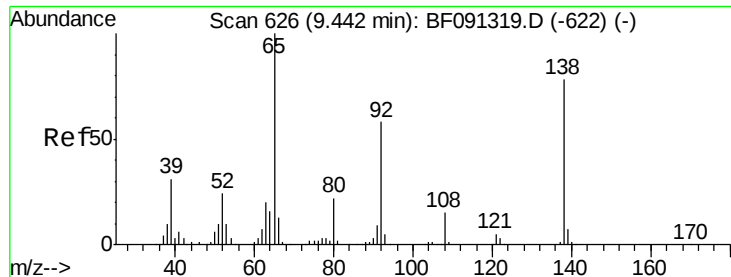


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47
2-Nitroaniline
Concen: 41.30 ng
RT: 9.44 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF091335.D
Acq: 29 Nov 2016 19:05

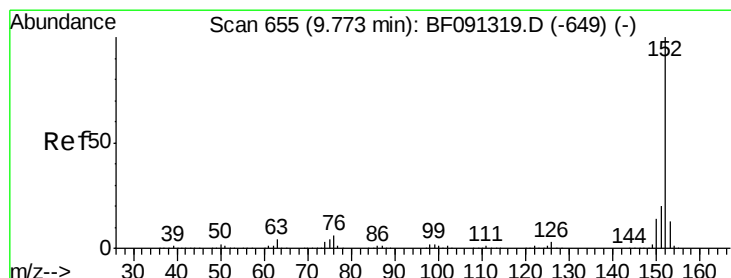
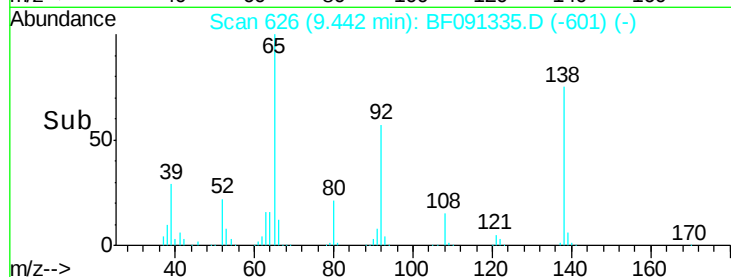
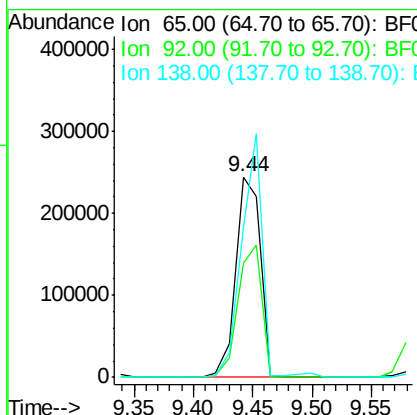
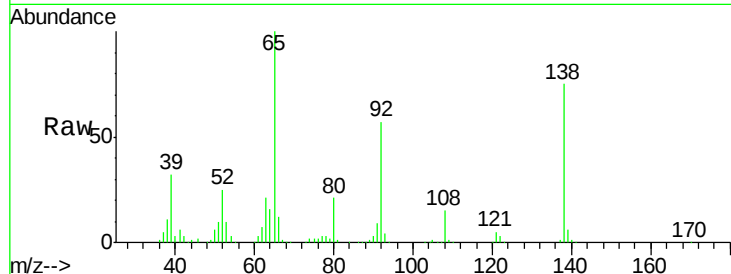
Instrument :
BNA_F
ClientSampleId :
PHOENIX-BPMMSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	57.0	53.6	80.4
138	74.9	91.0	136.6

Manual Integrations
APPROVED

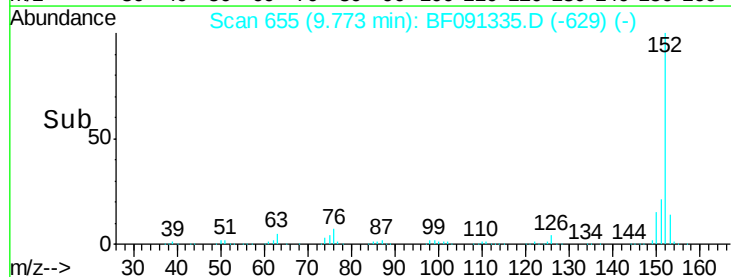
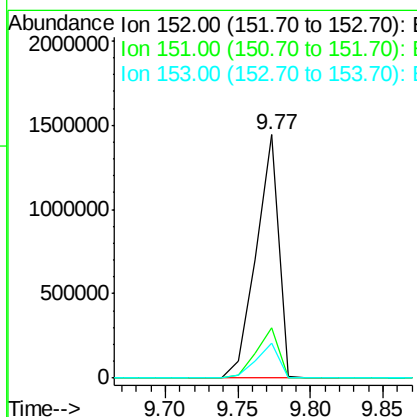
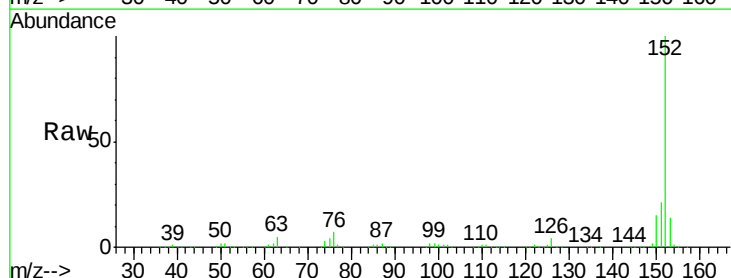
sohil

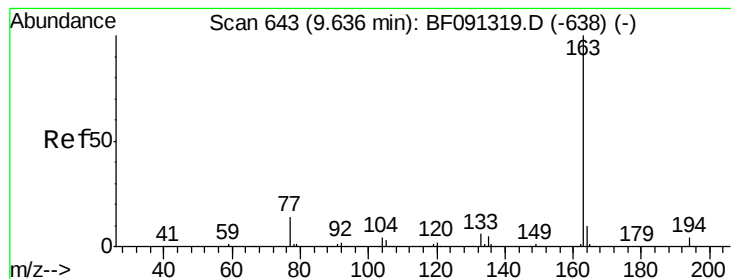
11/30/2016 10:33:48 AM



#48
Acenaphthylene
Concen: 41.53 ng
RT: 9.77 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF091335.D
Acq: 29 Nov 2016 19:05

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.6	24.8
153	14.2	10.7	16.1





#49

Dimethylphthalate

Concen: 49.02 ng

RT: 9.64 min Scan# 643

Delta R.T. -0.02 min

Lab File: BF091335.D

Acq: 29 Nov 2016 19:05

Tgt Ion:163 Resp: 1316096

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

164 11.1 7.8 11.8

Instrument :

BNA_F

ClientSampleId :

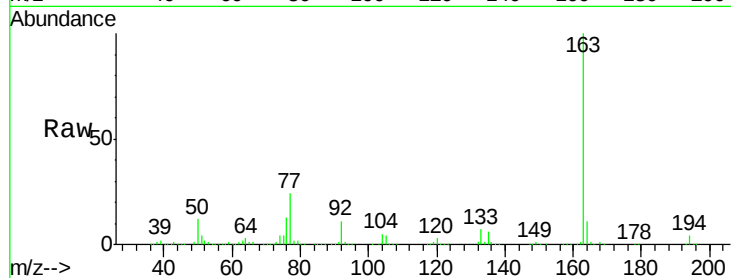
PHOENIX-BPMMSD

Manual Integrations

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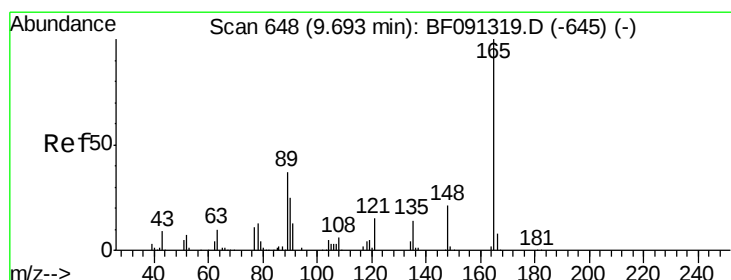
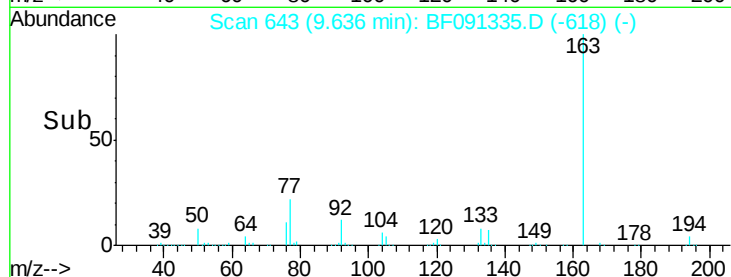
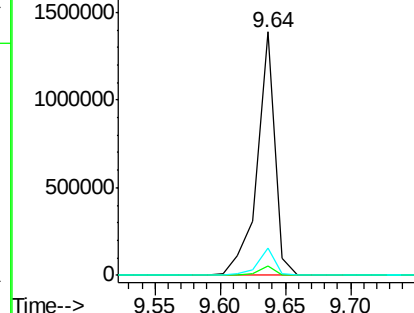
11/30/2016 10:33:48 AM



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



#50

2,6-Dinitrotoluene

Concen: 46.64 ng

RT: 9.69 min Scan# 648

Delta R.T. -0.01 min

Lab File: BF091335.D

Acq: 29 Nov 2016 19:05

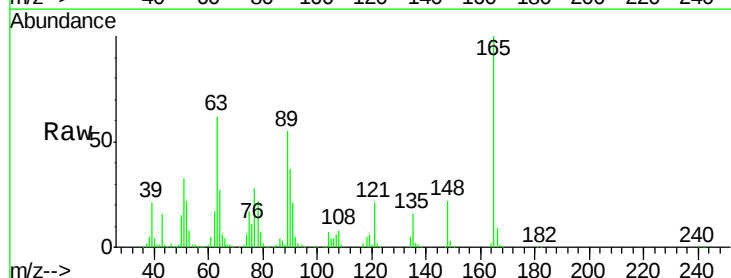
Tgt Ion:165 Resp: 279869

Ion Ratio Lower Upper

165 100

63 61.8 59.4 89.0

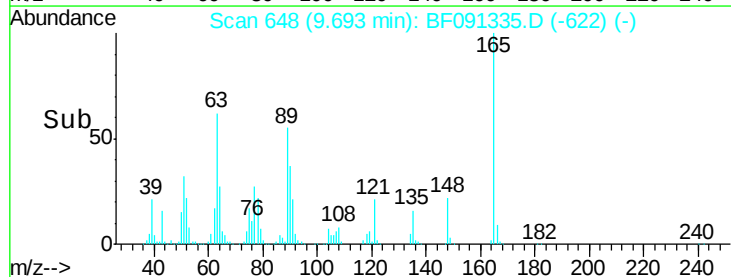
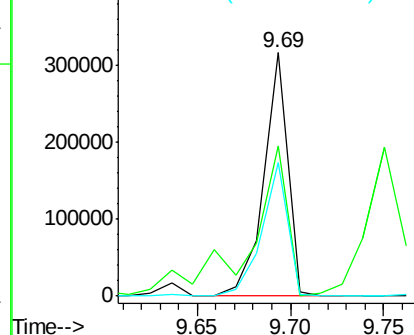
89 54.9 50.8 76.2

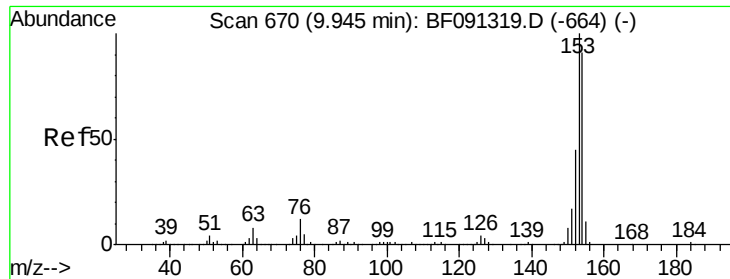


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 47.70 ng

RT: 9.94 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF091335.D

Acq: 29 Nov 2016 19:05

Instrument :

BNA_F

ClientSampleId :

PHOENIX-BPMMSD

Tgt Ion:154 Resp: 1202656

Ion Ratio Lower Upper

154 100

153 110.4 91.0 136.6

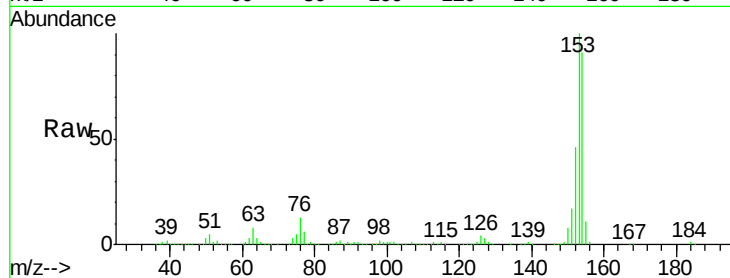
152 50.5 44.2 66.2

Manual Integrations

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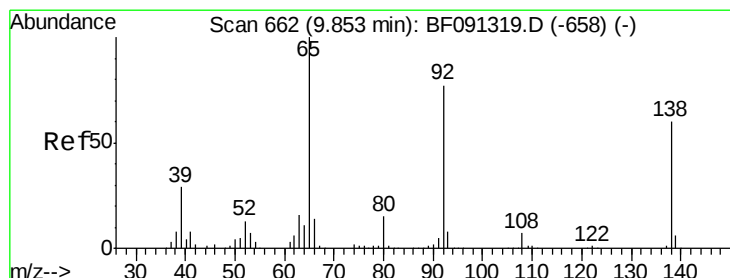
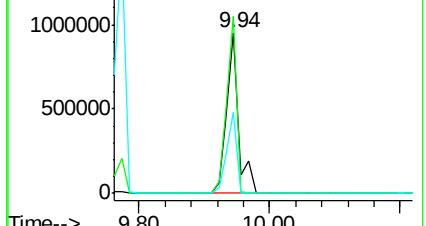
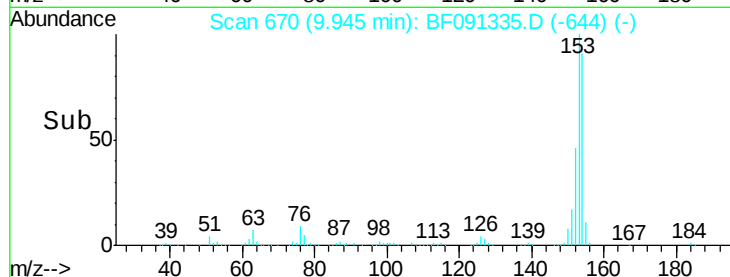
11/30/2016 10:33:48 AM



Abundance Ion 154.00 (153.70 to 154.70): E

2000000 Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 15.44 ng

RT: 9.85 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF091335.D

Acq: 29 Nov 2016 19:05

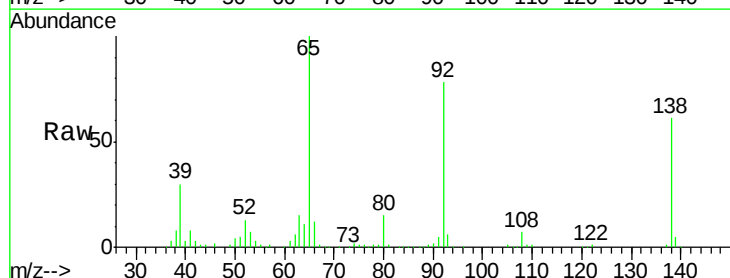
Tgt Ion:138 Resp: 107257

Ion Ratio Lower Upper

138 100

108 11.1 8.1 12.1

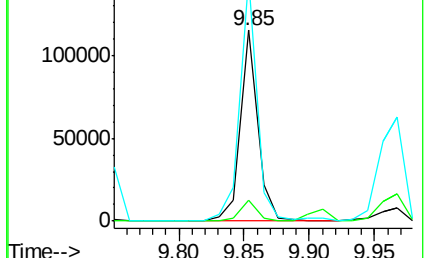
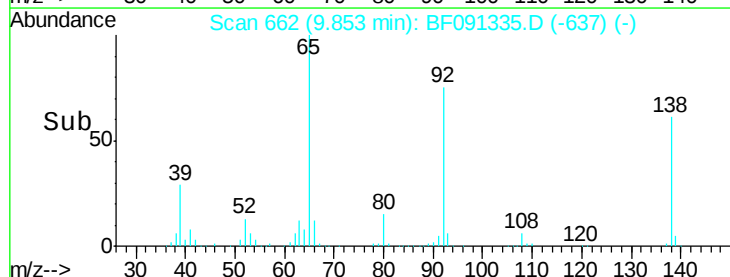
92 127.6 92.5 138.7

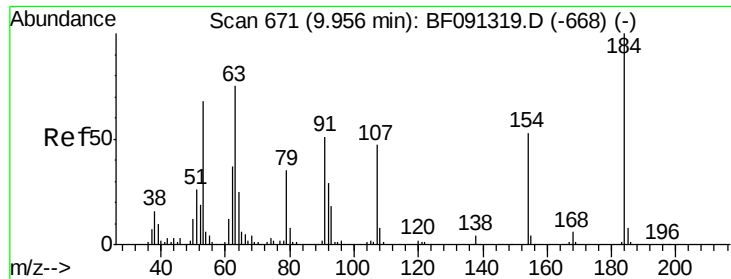


Abundance Ion 138.00 (137.70 to 138.70): E

200000 Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53
2,4-Dinitrophenol
Concen: 123.23 ng
RT: 9.97 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF091335.D
Acq: 29 Nov 2016 19:05

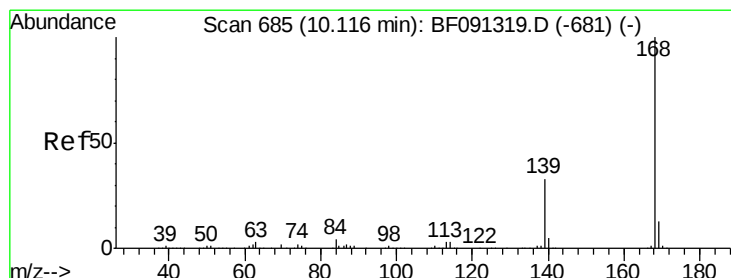
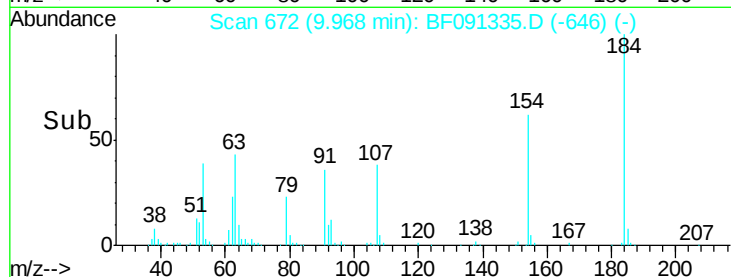
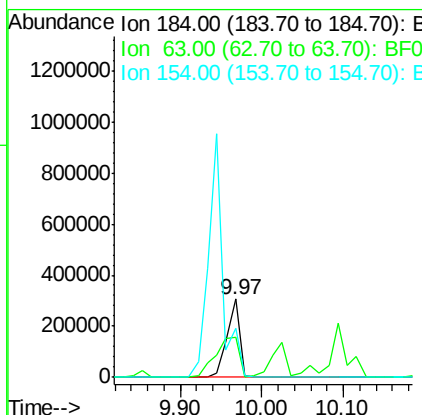
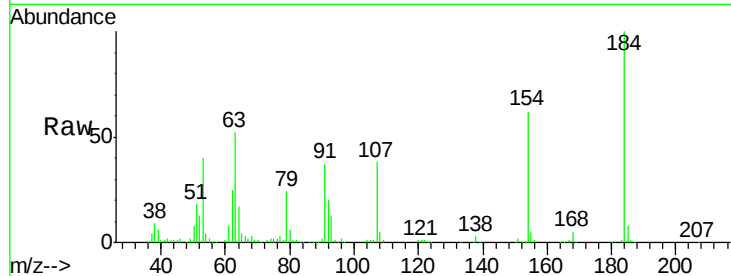
Instrument :
BNA_F
ClientSampleId :
PHOENIX-BPMMSD

Tgt Ion	Ratio	Lower	Upper
184	100		
63	51.7	58.3	87.5#
154	62.2	48.6	73.0

Manual Integrations
APPROVED

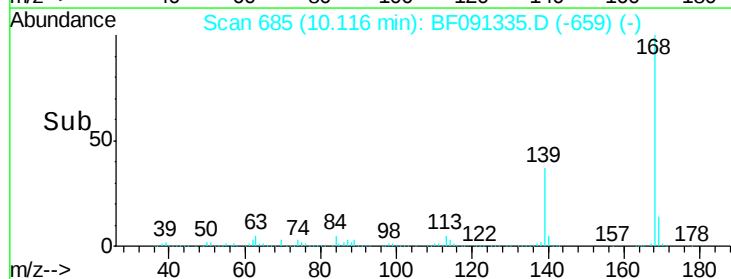
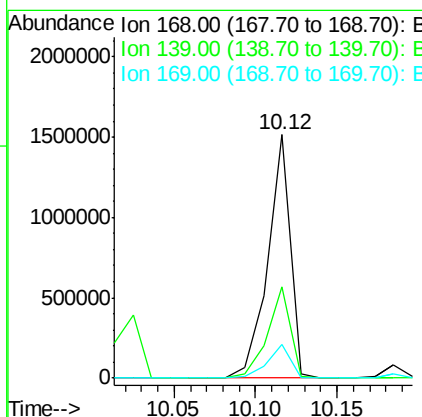
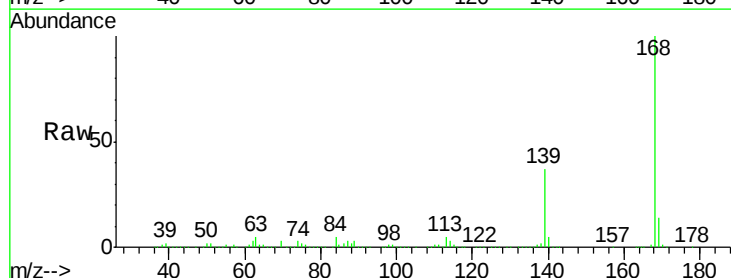
sohil

11/30/2016 10:33:48 AM



#54
Dibenzofuran
Concen: 43.07 ng
RT: 10.12 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF091335.D
Acq: 29 Nov 2016 19:05

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.4	33.4	50.2
169	13.7	11.1	16.7





#55

4-Nitrophenol

Concen: 91.54 ng

RT: 10.02 min Scan# 677

Delta R.T. 0.01 min

Lab File: BF091335.D

Acq: 29 Nov 2016 19:05

Instrument :

BNA_F

ClientSampleId :

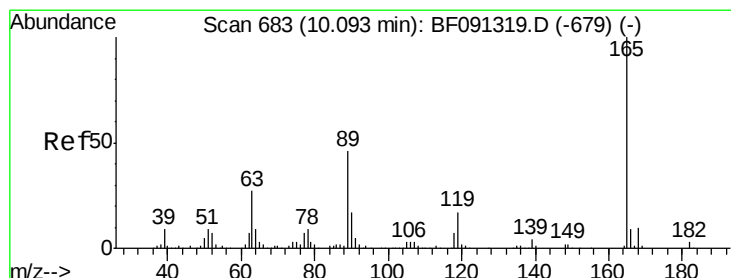
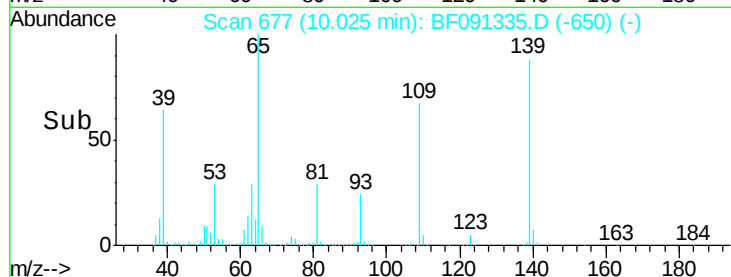
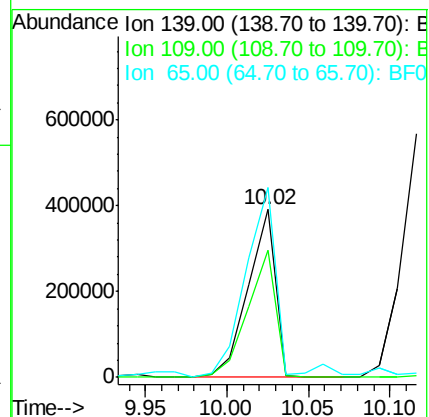
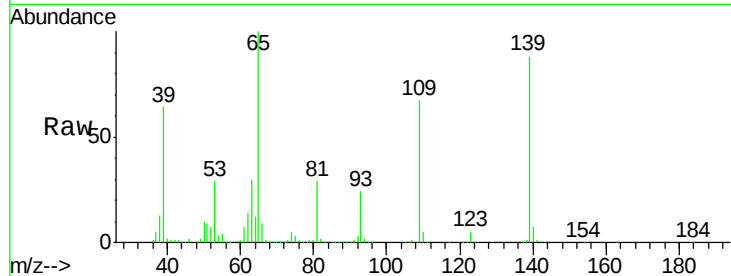
PHOENIX-BPMMSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	459232		
109	75.8	54.9	94.9	
65	113.4	102.2	142.2	

Manual Integrations
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11/30/2016 10:33:48 AM



#56

2,4-Dinitrotoluene

Concen: 42.28 ng

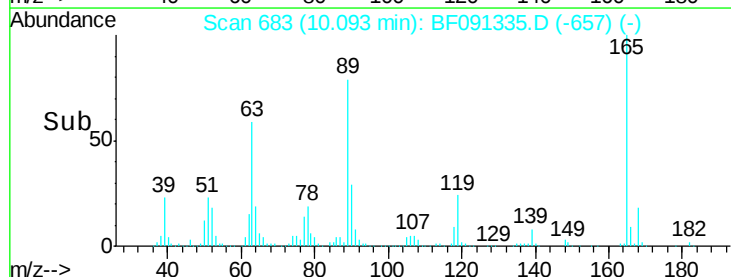
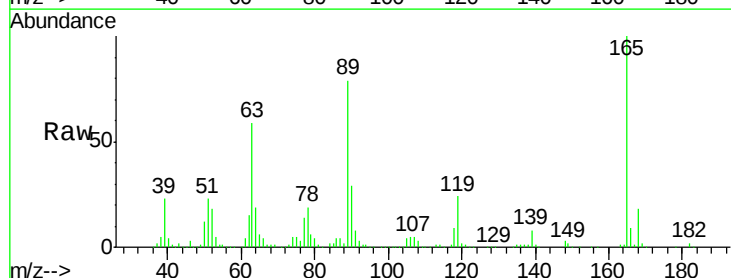
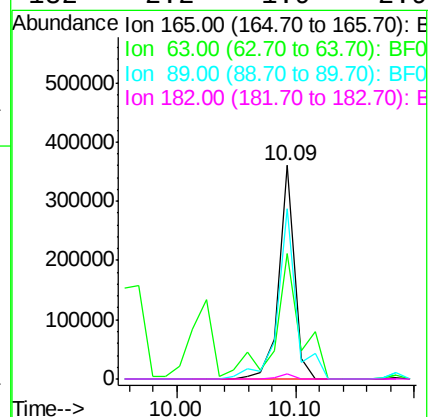
RT: 10.09 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF091335.D

Acq: 29 Nov 2016 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	329111		
63	58.9	29.0	43.4#	
89	79.5	43.1	64.7#	
182	2.2	1.9	2.9	





#57
Fluorene
 Concen: 43.33 ng
 RT: 10.46 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: BF091335.D
 Acq: 29 Nov 2016 19:05

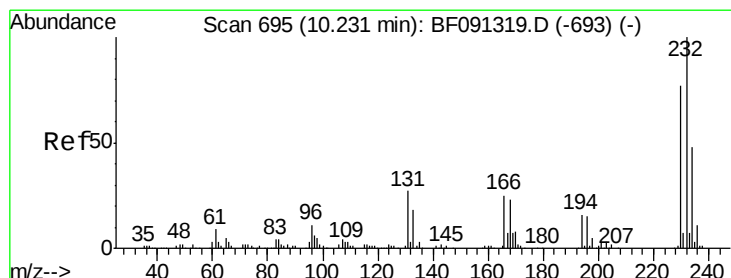
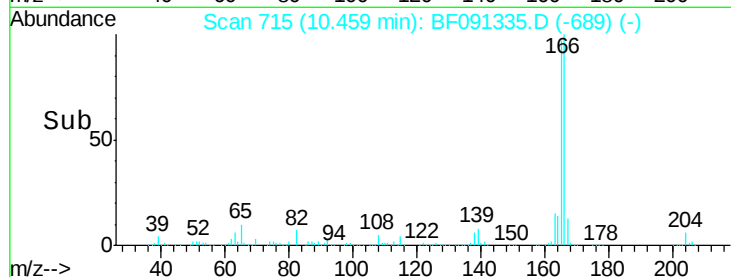
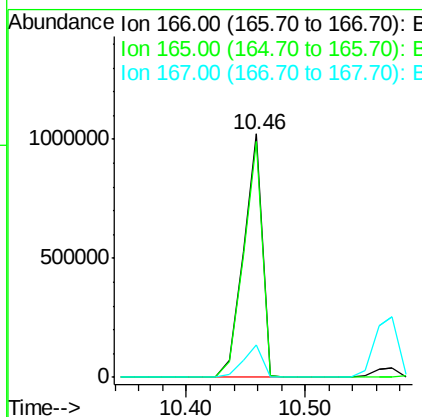
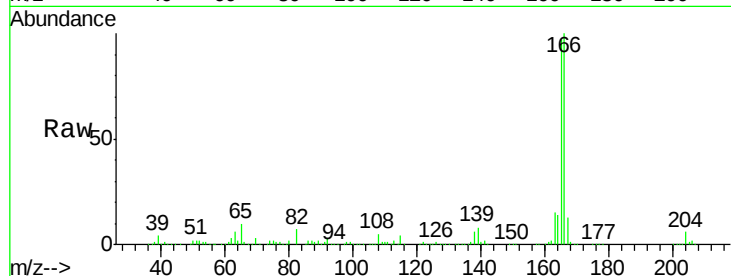
Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-BPMMSD

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.9	80.0	120.0
167	13.4	10.8	16.2

Manual Integrations
 APPROVED

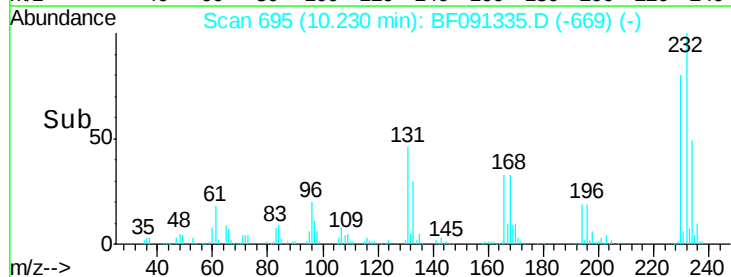
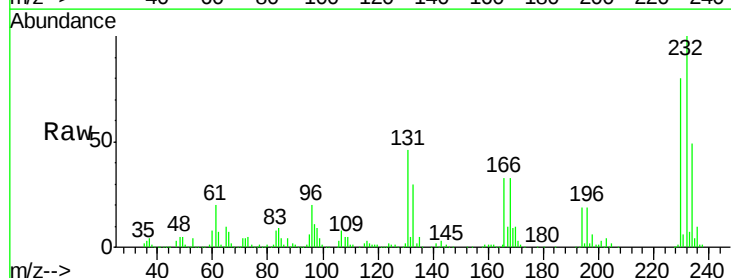
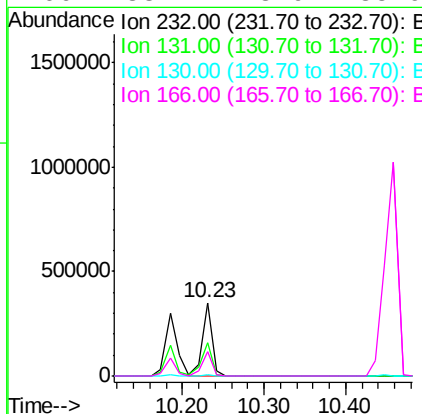
sohil

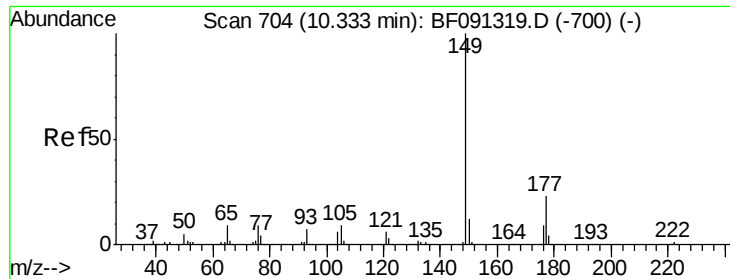
11/30/2016 10:33:48 AM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 43.70 ng
 RT: 10.23 min Scan# 695
 Delta R.T. -0.01 min
 Lab File: BF091335.D
 Acq: 29 Nov 2016 19:05

Tgt Ion	Ratio	Lower	Upper
232	100		
131	47.5	38.4	57.6
130	2.4	1.8	2.8
166	33.1	23.9	35.9





#59
Diethylphthalate
Concen: 40.18 ng
RT: 10.33 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF091335.D
Acq: 29 Nov 2016 19:05

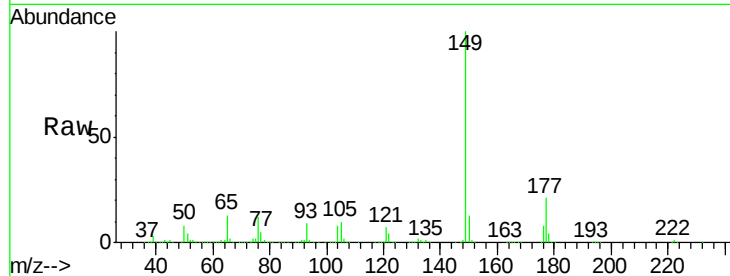
Instrument :
BNA_F
ClientSampleId :
PHOENIX-BPMMSD

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.5	15.7	23.5
150	12.7	10.2	15.2

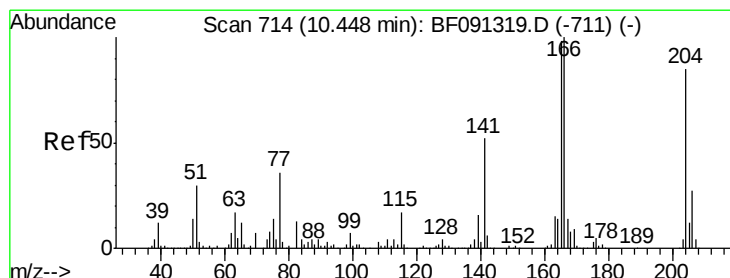
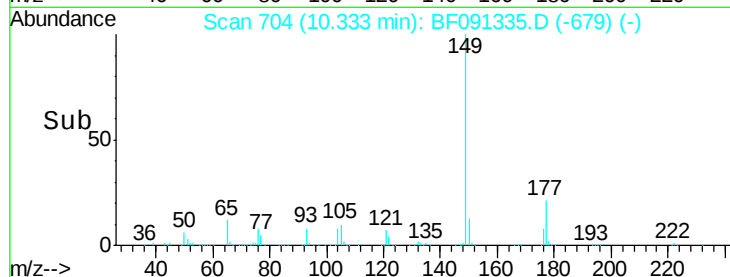
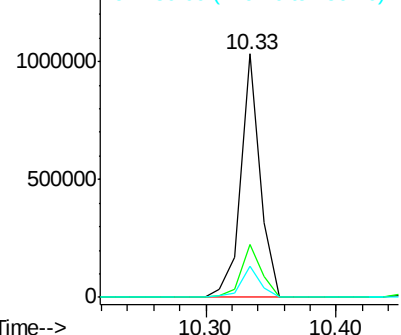
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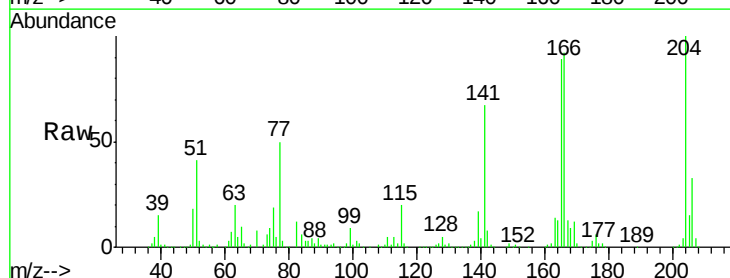


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

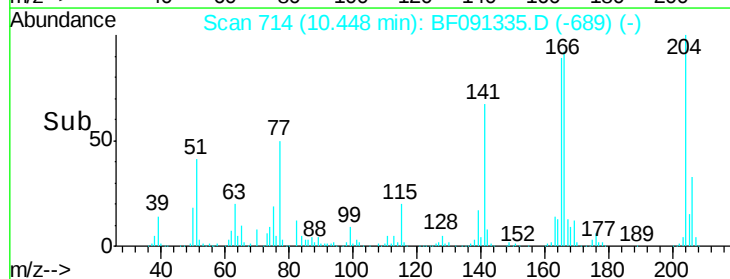
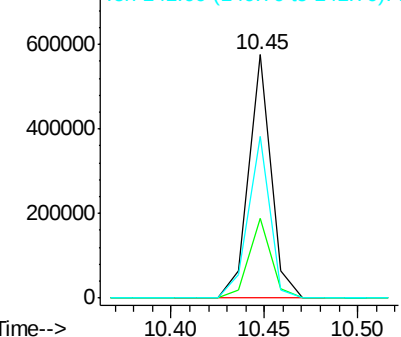


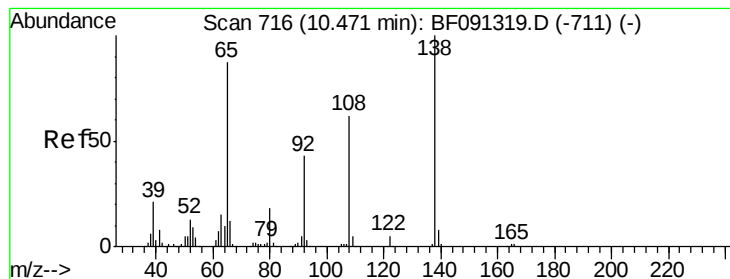
#60
4-Chlorophenyl-phenylether
Concen: 37.30 ng
RT: 10.45 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF091335.D
Acq: 29 Nov 2016 19:05

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.1	39.1
141	66.5	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: 32.41 ng
RT: 10.47 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF091335.D
Acq: 29 Nov 2016 19:05

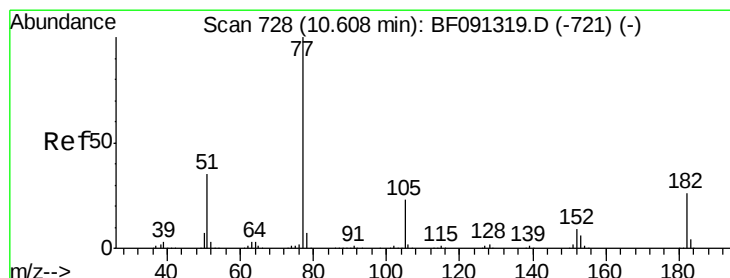
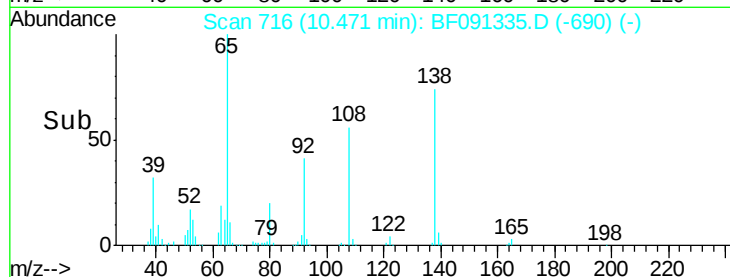
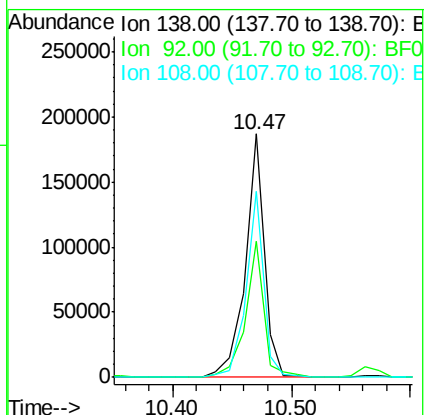
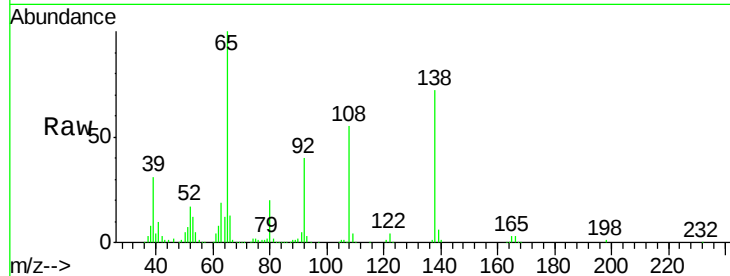
Instrument :
BNA_F
ClientSampleId :
PHOENIX-BPMMSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.0	26.9	66.9
108	76.2	49.1	89.1

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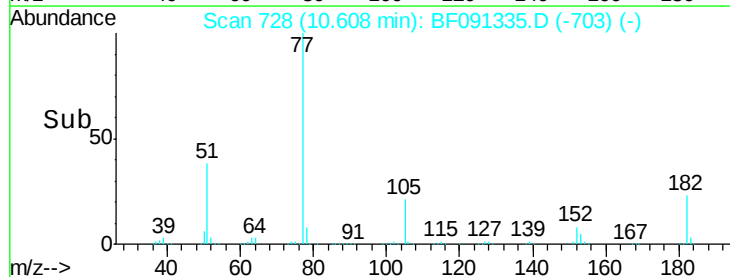
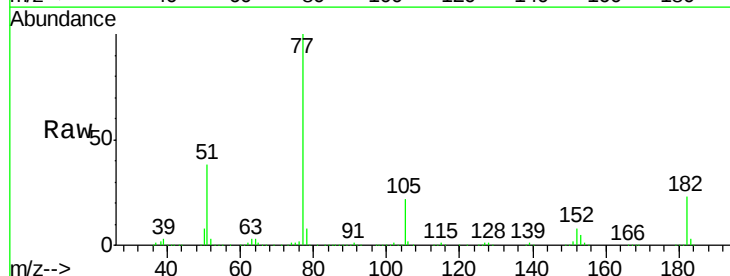
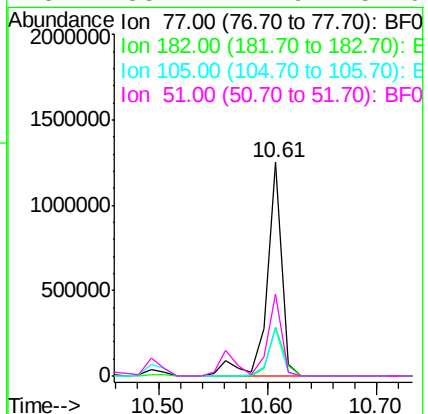
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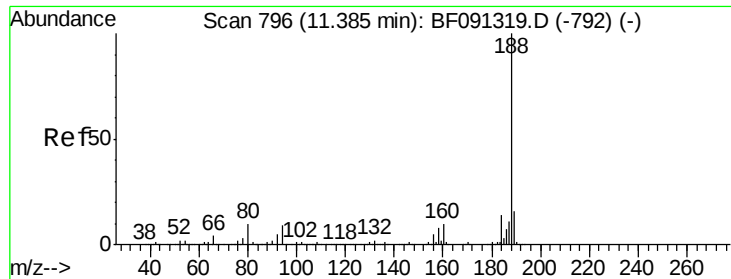
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#62
Azobenzene
Concen: 44.82 ng
RT: 10.61 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF091335.D
Acq: 29 Nov 2016 19:05

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.9	12.5	52.5
105	22.2	3.7	43.7
51	38.4	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: BF091335.D
 Acq: 29 Nov 2016 19:05

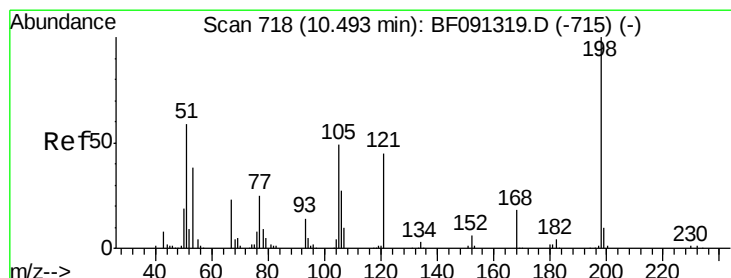
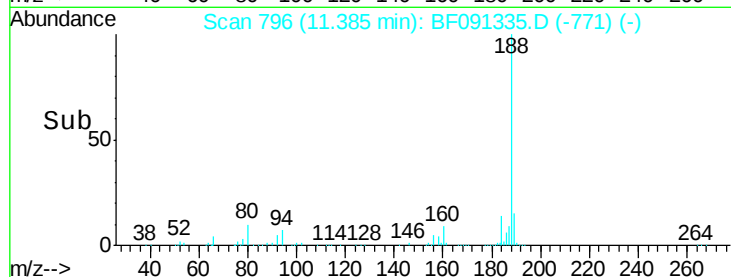
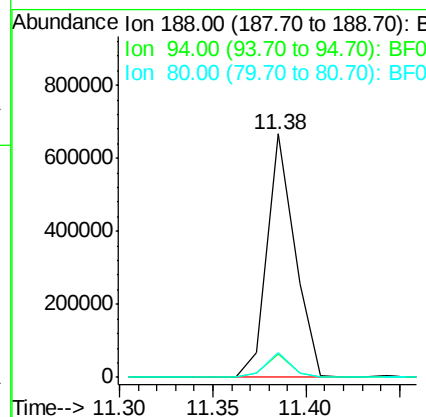
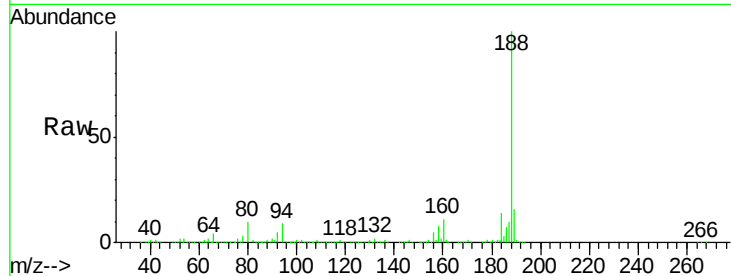
Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-BPMMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.5	9.2	13.8
80	9.9	10.5	15.7#

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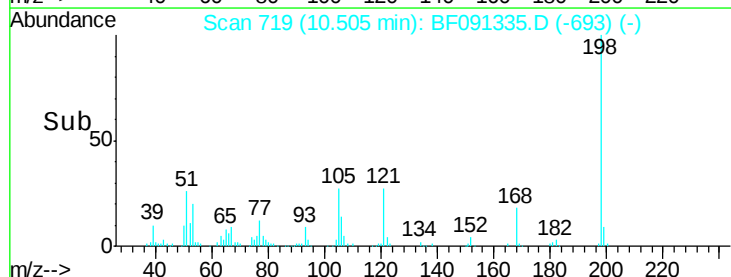
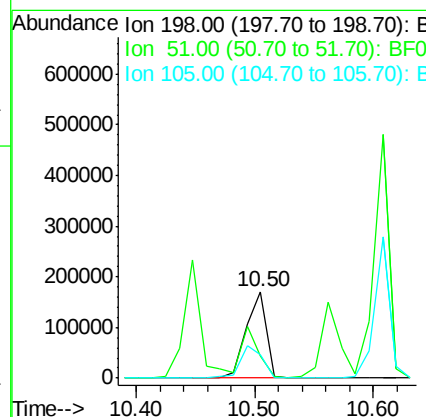
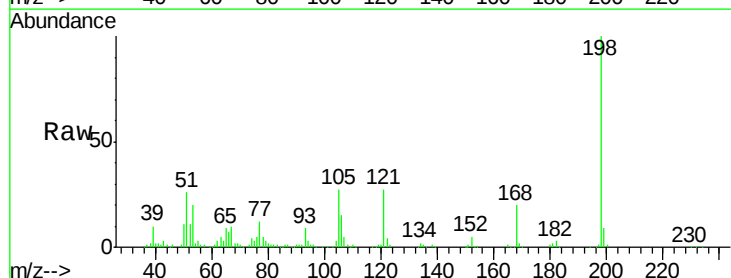
sohil

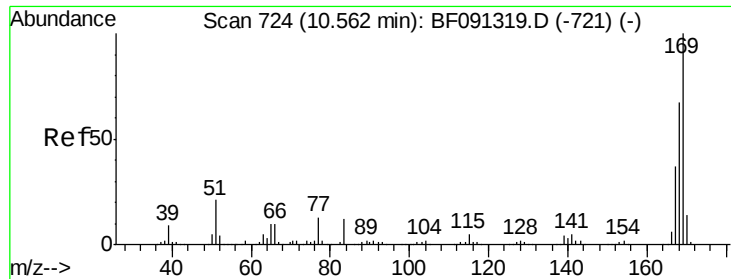
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 54.00 ng
 RT: 10.50 min Scan# 719
 Delta R.T. -0.01 min
 Lab File: BF091335.D
 Acq: 29 Nov 2016 19:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	25.9	77.1	117.1#
105	26.7	44.8	84.8#





#65
 n-Nitrosodiphenylamine
 Concen: 46.74 ng
 RT: 10.57 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BF091335.D
 Acq: 29 Nov 2016 19:05

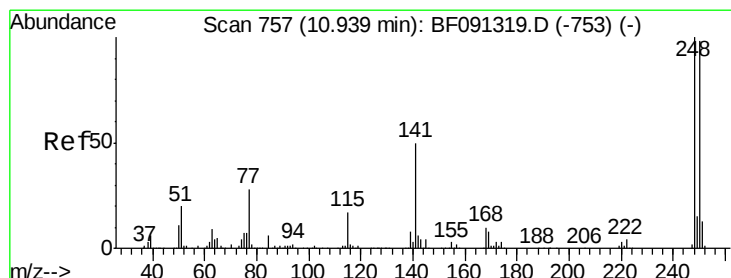
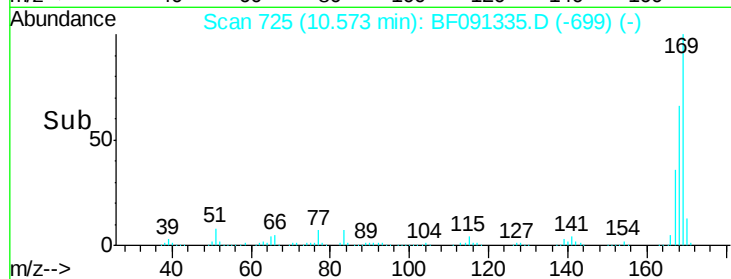
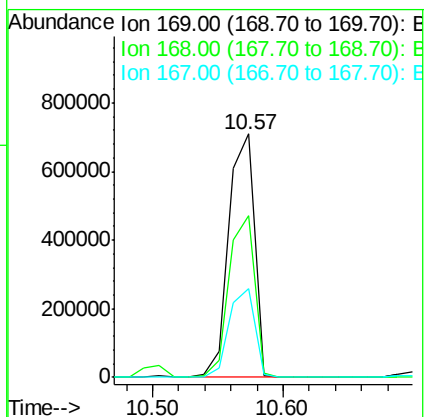
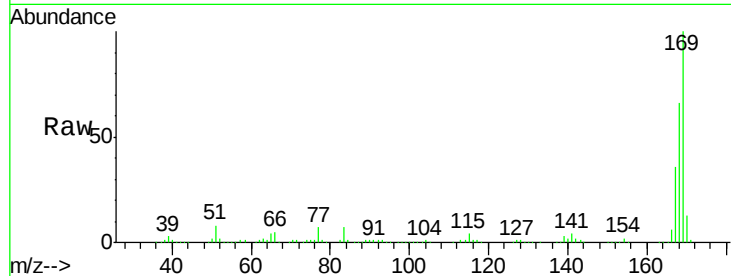
Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-BPMMSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	967694		
168	66.4	53.8	80.8	
167	36.2	29.8	44.8	

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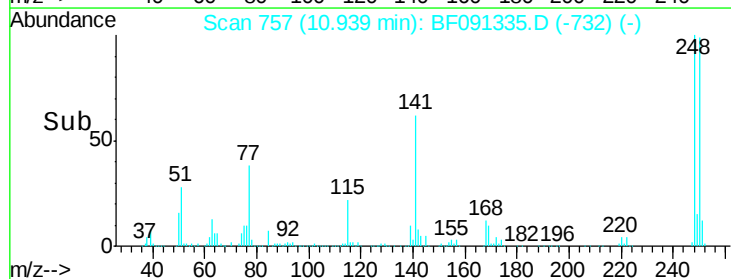
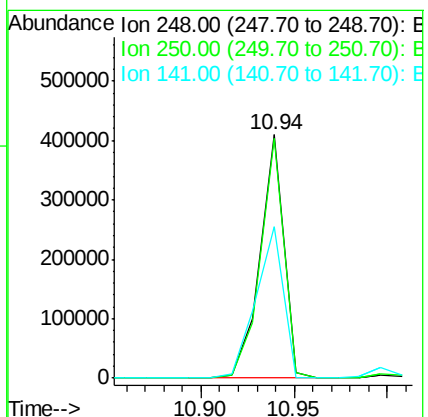
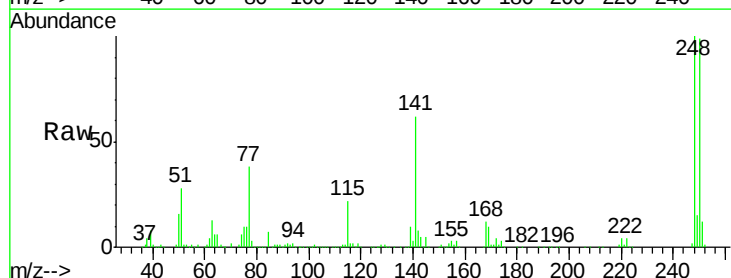
sohil

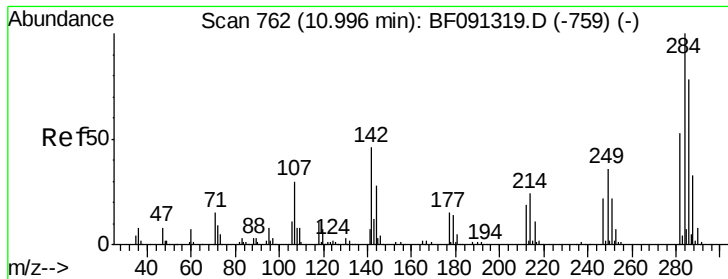
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#66
 4-Bromophenyl-phenylether
 Concen: 49.06 ng
 RT: 10.94 min Scan# 757
 Delta R.T. -0.02 min
 Lab File: BF091335.D
 Acq: 29 Nov 2016 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	360143		
250	98.6	78.2	117.4	
141	62.0	71.9	107.9#	





#67

Hexachlorobenzene

Concen: 43.75 ng

RT: 11.01 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF091335.D

Acq: 29 Nov 2016 19:05

Instrument :

BNA_F

ClientSampleId :

PHOENIX-BPMMSD

Tgt Ion: 284 Resp: 347025
Ion Ratio Lower Upper

284 100

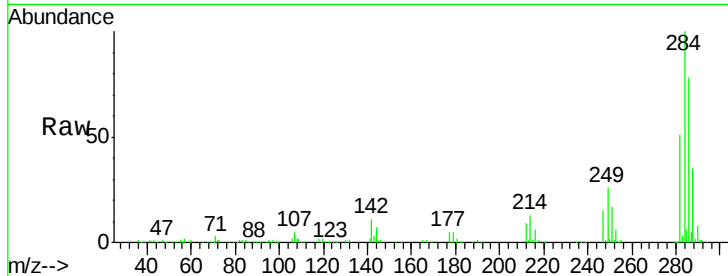
142 11.4 17.9 26.9#

249 25.5 23.6 35.4

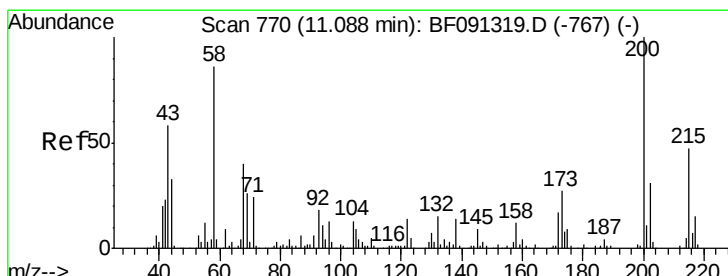
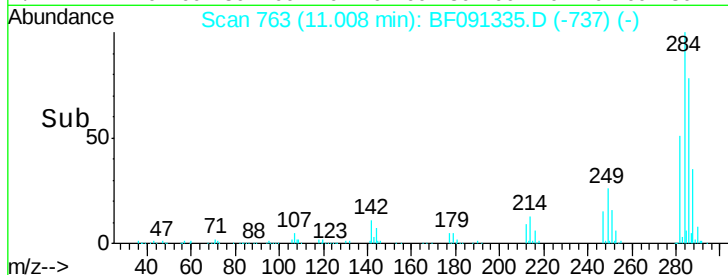
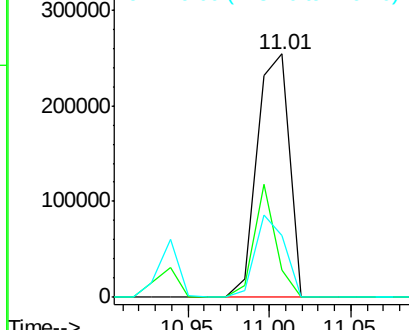
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 49.73 ng

RT: 11.10 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF091335.D

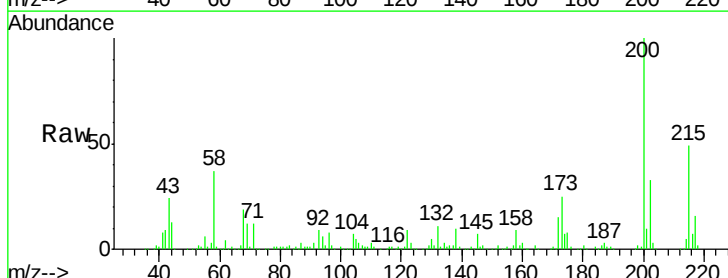
Acq: 29 Nov 2016 19:05

Tgt Ion: 200 Resp: 333506
Ion Ratio Lower Upper

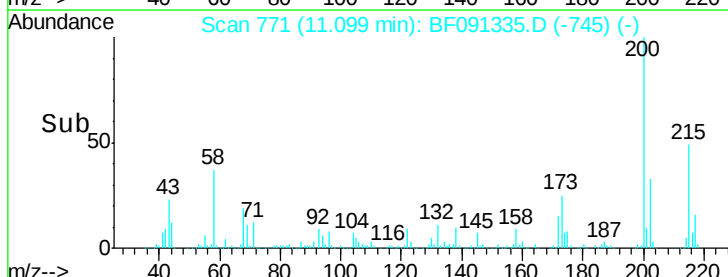
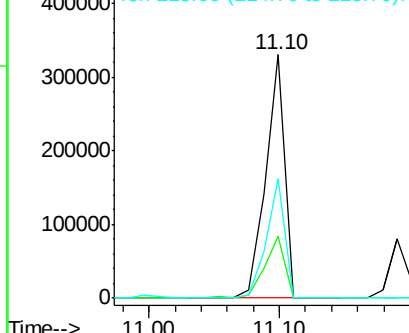
200 100

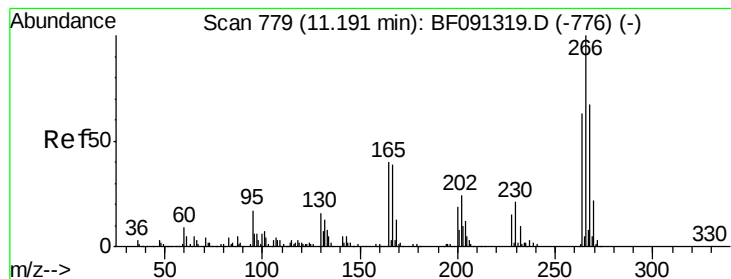
173 25.1 7.8 47.8

215 48.9 24.3 64.3



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 85.04 ng

RT: 11.19 min Scan# 779

Delta R.T. -0.02 min

Lab File: BF091335.D

Acq: 29 Nov 2016 19:05

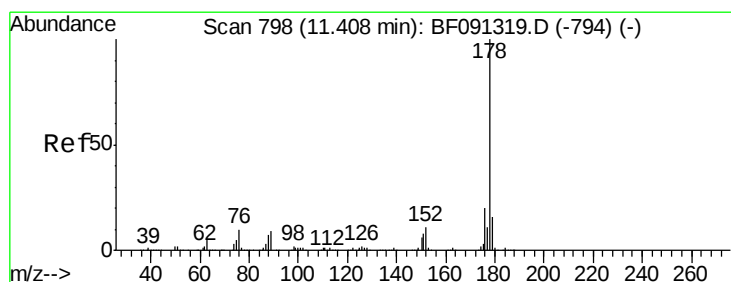
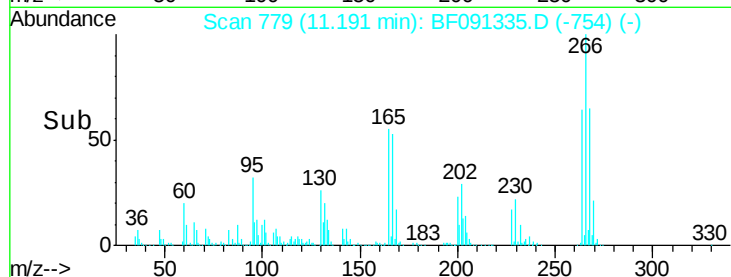
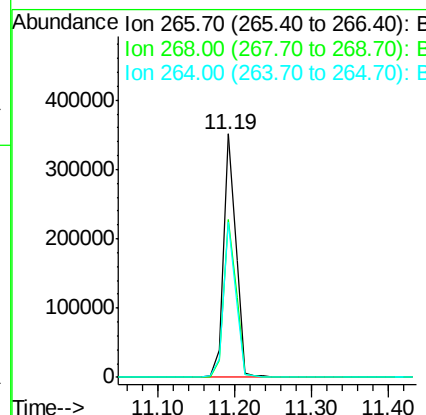
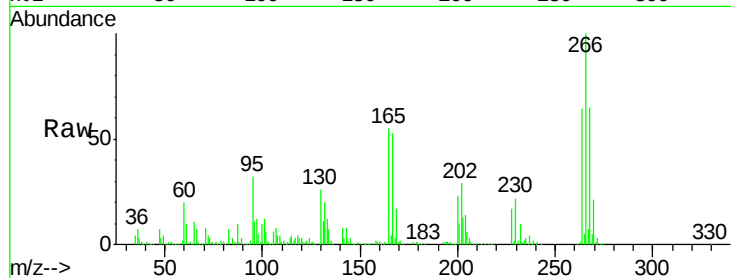
Tgt Ion:	266	Resp:	397108
Ion Ratio		Lower	Upper
266	100		
268	64.9	50.3	75.5
264	63.7	48.2	72.2

Instrument :
BNA_F
ClientSampleId :
PHOENIX-BPMMSD

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#70

Phenanthrene

Concen: 43.64 ng

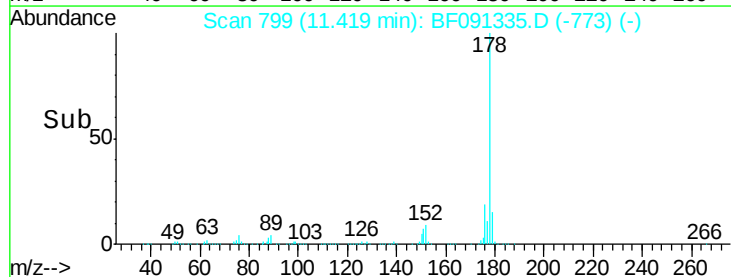
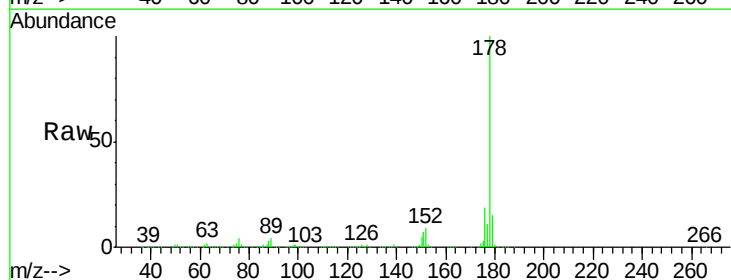
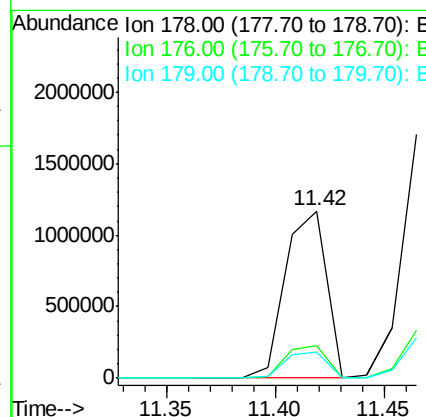
RT: 11.42 min Scan# 799

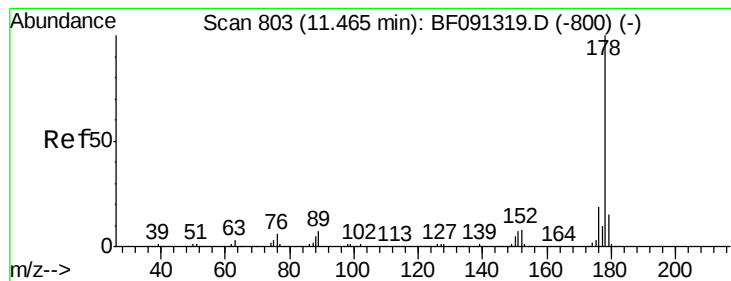
Delta R.T. -0.01 min

Lab File: BF091335.D

Acq: 29 Nov 2016 19:05

Tgt Ion:	178	Resp:	1548647
Ion Ratio		Lower	Upper
178	100		
176	19.4	15.9	23.9
179	15.3	12.6	18.8





#71
 Anthracene
 Concen: 42.71 ng
 RT: 11.46 min Scan# 803
 Delta R.T. -0.02 min
 Lab File: BF091335.D
 Acq: 29 Nov 2016 19:05

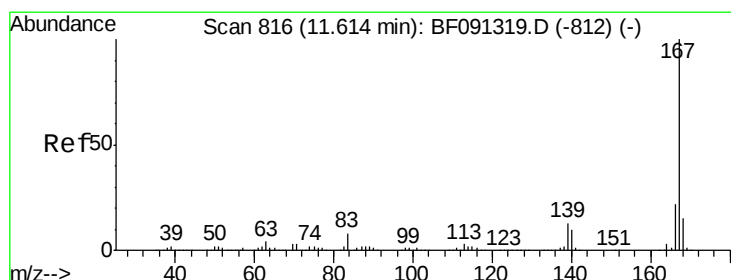
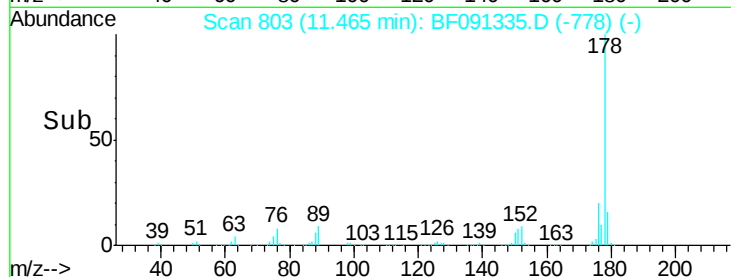
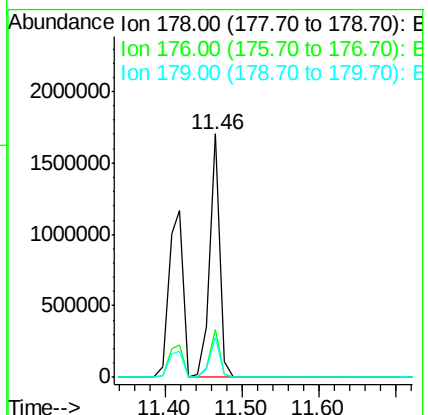
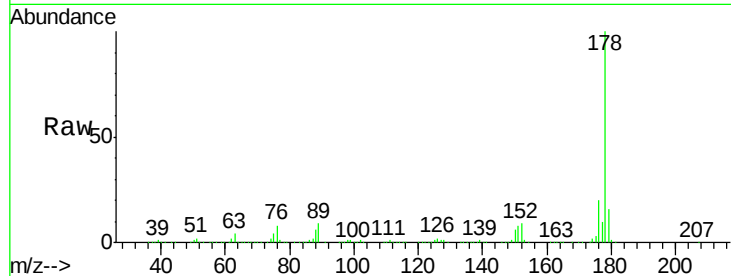
Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-BPMMSD

Tgt Ion:178 Resp: 1504299
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.6
 179 16.3 12.7 19.1

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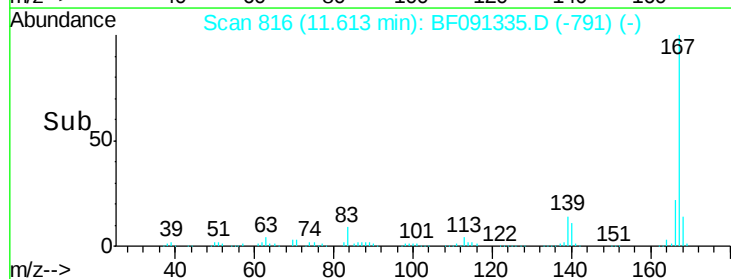
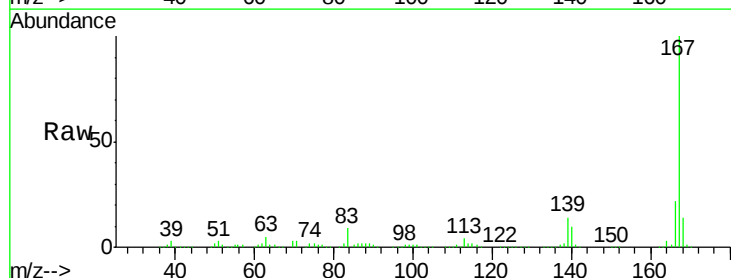
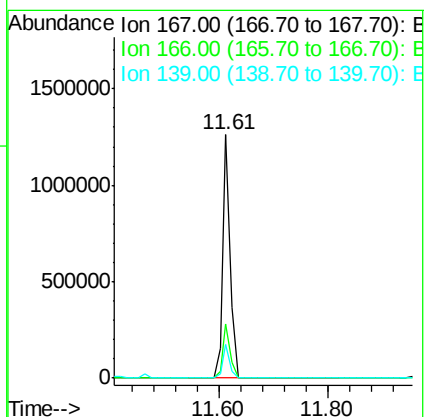
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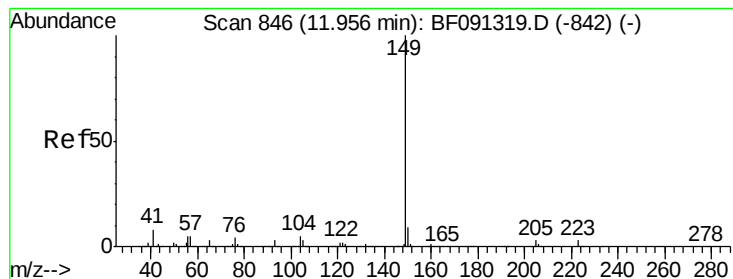
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#72
 Carbazole
 Concen: 38.91 ng
 RT: 11.61 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF091335.D
 Acq: 29 Nov 2016 19:05

Tgt Ion:167 Resp: 1243422
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 13.6 11.5 17.3





#73

Di-n-butylphthalate

Concen: 46.21 ng

RT: 11.96 min Scan# 846

Delta R.T. -0.02 min

Lab File: BF091335.D

Acq: 29 Nov 2016 19:05

Instrument :

BNA_F

ClientSampleId :

PHOENIX-BPMMSD

Tgt Ion:149 Resp: 1673577

Ion Ratio Lower Upper

149 100

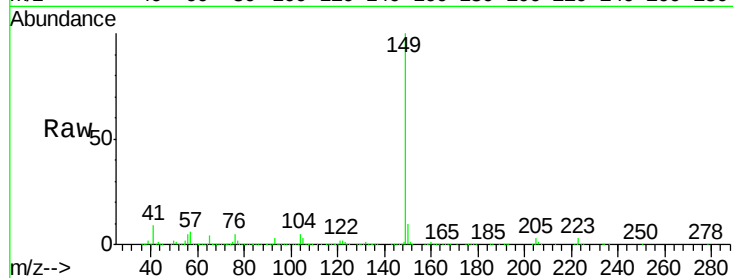
150 9.7 7.5 11.3

104 5.2 4.0 6.0

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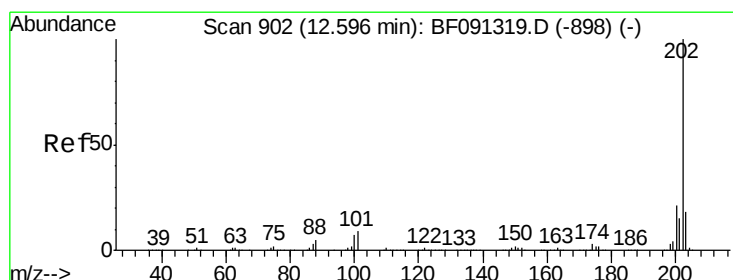
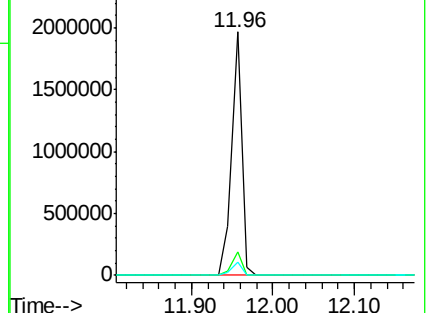
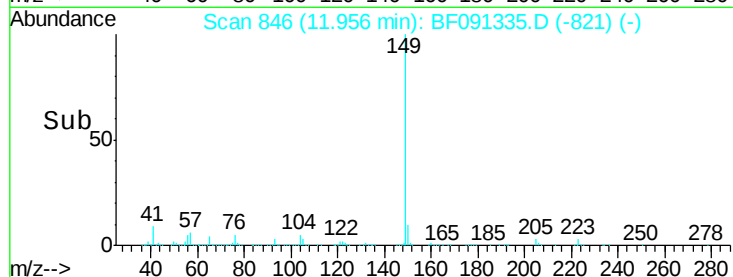
11/30/2016 10:33:48 AM



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



#74

Fluoranthene

Concen: 43.57 ng

RT: 12.60 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF091335.D

Acq: 29 Nov 2016 19:05

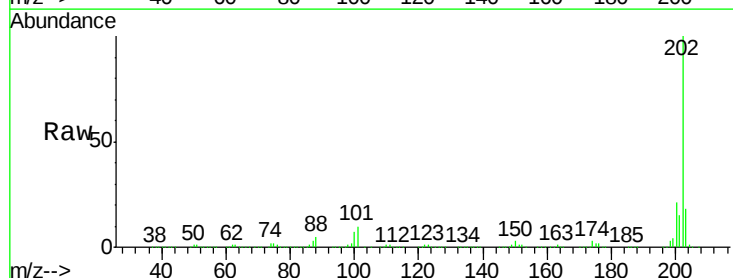
Tgt Ion:202 Resp: 1464417

Ion Ratio Lower Upper

202 100

101 9.7 0.0 29.5

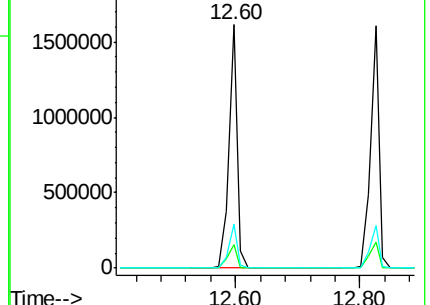
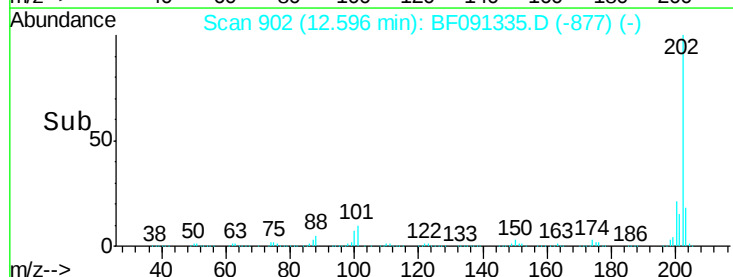
203 18.1 0.0 37.8

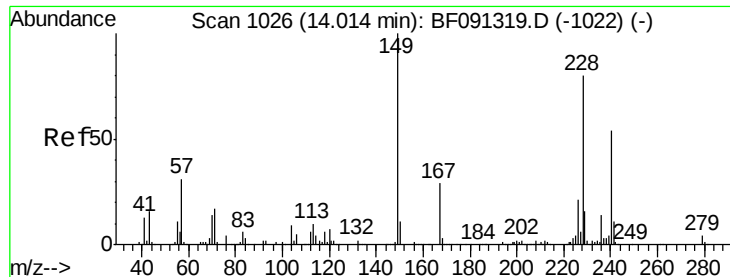


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF091335.D

Acq: 29 Nov 2016 19:05

Instrument :

BNA_F

ClientSampleId :

PHOENIX-BPMMSD

Tgt Ion:240 Resp: 408931

Ion Ratio Lower Upper

240 100

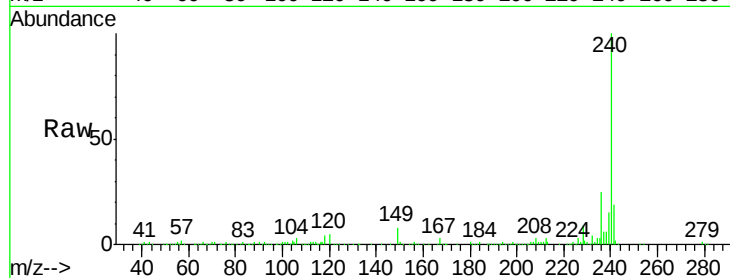
120 5.3 12.1 18.1#

236 25.0 21.0 31.6

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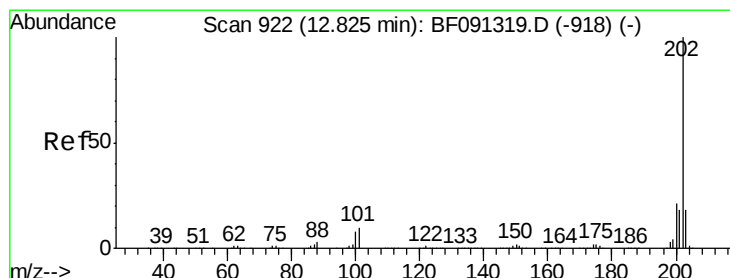
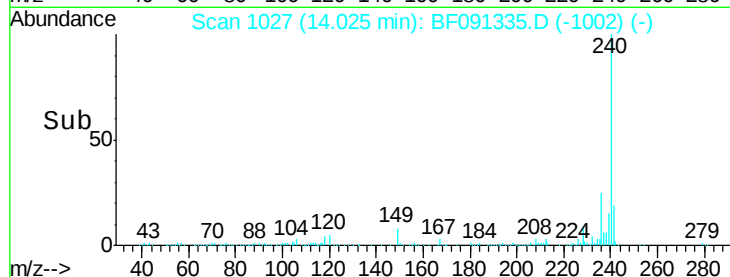
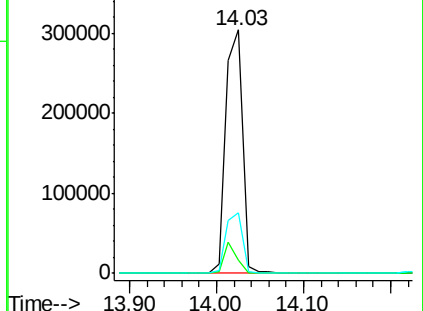
11/30/2016 10:33:48 AM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 48.28 ng

RT: 12.83 min Scan# 922

Delta R.T. -0.02 min

Lab File: BF091335.D

Acq: 29 Nov 2016 19:05

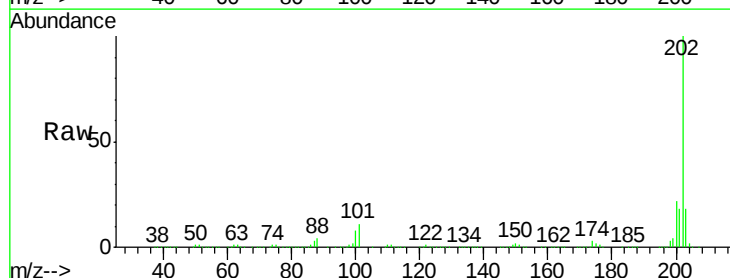
Tgt Ion:202 Resp: 1498441

Ion Ratio Lower Upper

202 100

200 22.0 17.6 26.4

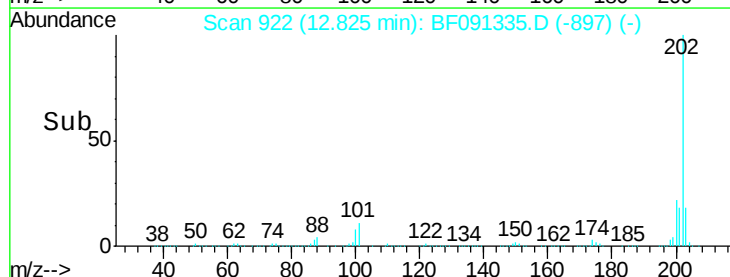
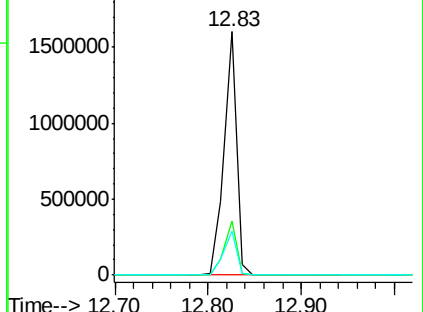
203 17.9 14.0 21.0

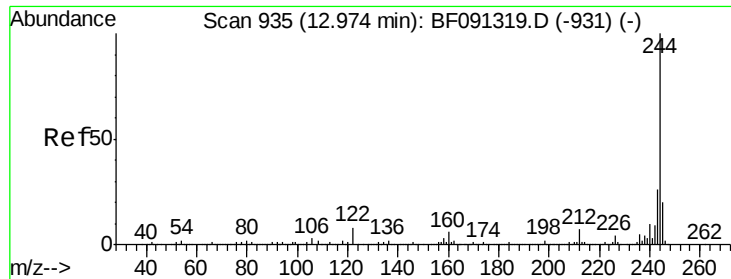


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78
 Terphenyl-d14
 Concen: 92.37 ng
 RT: 12.97 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF091335.D
 Acq: 29 Nov 2016 19:05

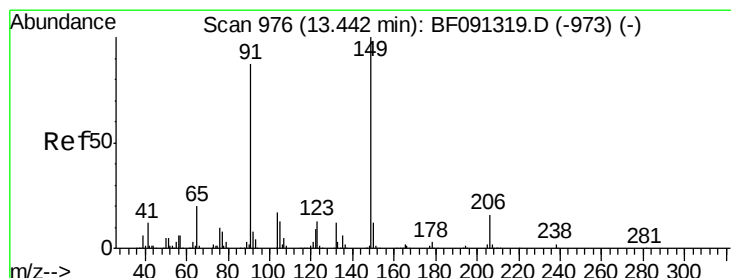
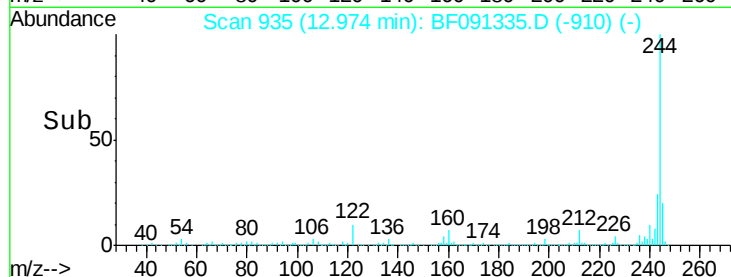
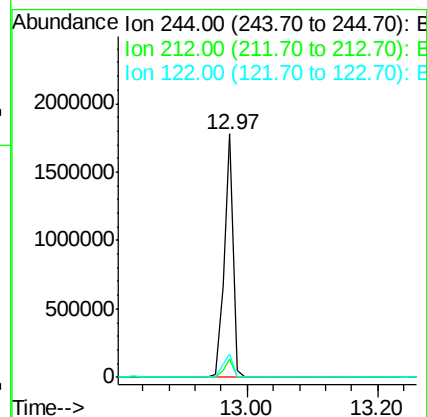
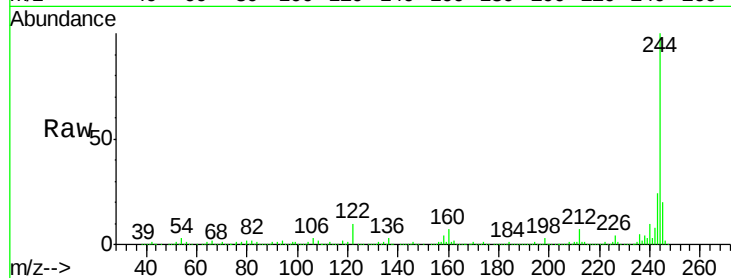
Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-BPMMSD

Tgt Ion:244 Resp: 1737819
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 9.6 9.5 14.3

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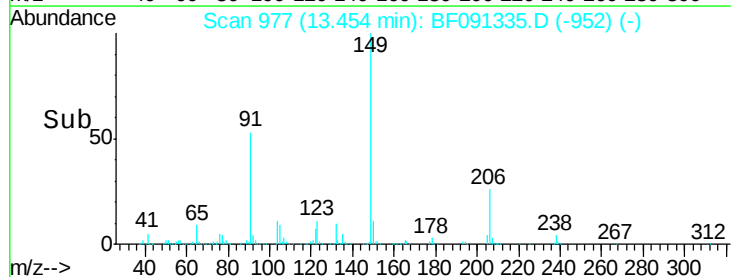
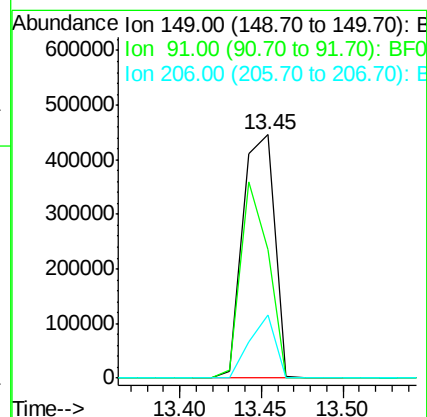
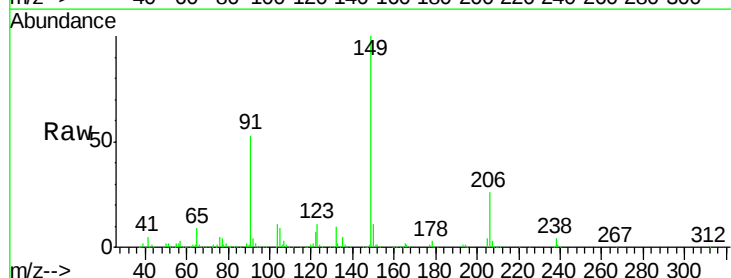
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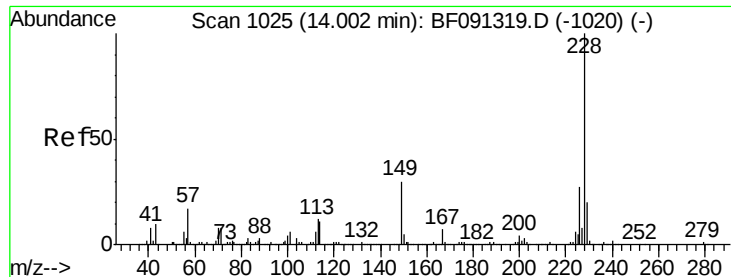
11/30/2016 10:33:48 AM



#79
 Butylbenzylphthalate
 Concen: 51.51 ng
 RT: 13.45 min Scan# 977
 Delta R.T. -0.02 min
 Lab File: BF091335.D
 Acq: 29 Nov 2016 19:05

Tgt Ion:149 Resp: 598540
 Ion Ratio Lower Upper
 149 100
 91 52.7 57.4 86.2#
 206 25.9 15.4 23.2#





#80
Benzo(a)anthracene
Concen: 44.61 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF091335.D
Acq: 29 Nov 2016 19:05

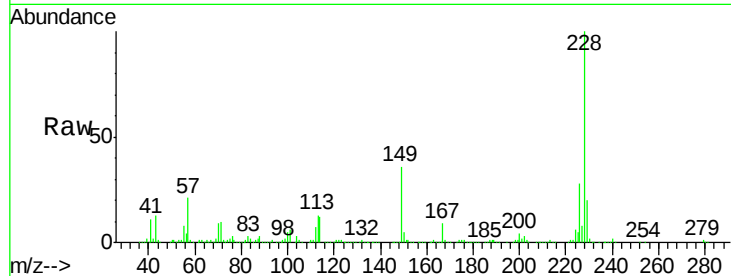
Instrument :
BNA_F
ClientSampleId :
PHOENIX-BPMMSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.5	33.7
229	20.0	16.4	24.6

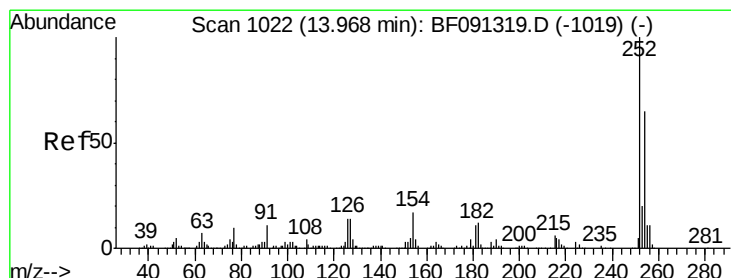
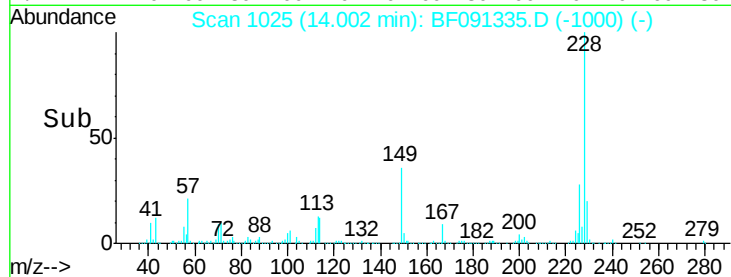
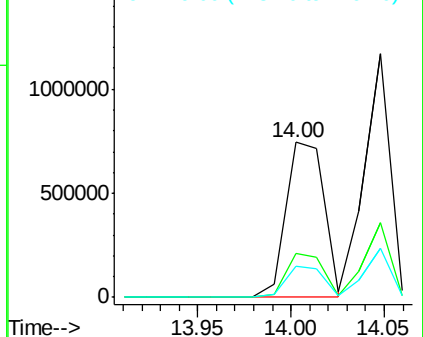
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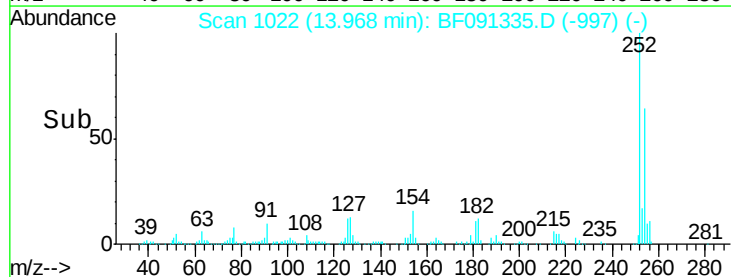
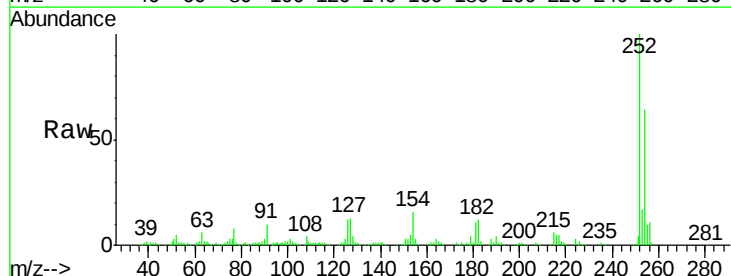
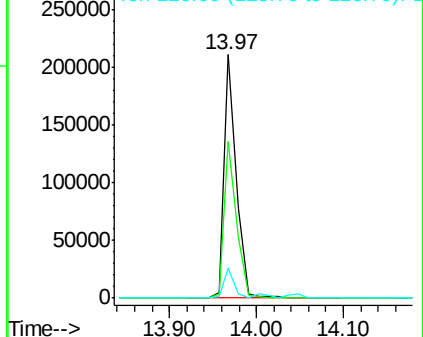
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

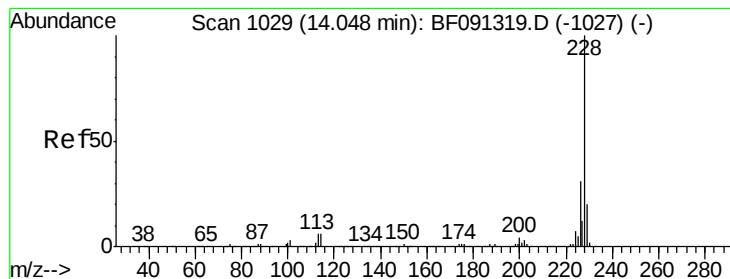


#81
3,3'-Dichlorobenzidine
Concen: 24.83 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.02 min
Lab File: BF091335.D
Acq: 29 Nov 2016 19:05

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	52.1	78.1
126	12.2	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: 47.40 ng

RT: 14.05 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF091335.D

Acq: 29 Nov 2016 19:05

Instrument :

BNA_F

ClientSampleId :

PHOENIX-BPMMSD

Tgt Ion: 228 Resp: 1121482

Ion Ratio Lower Upper

228 100

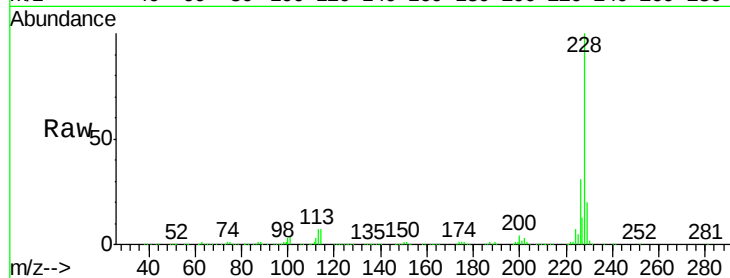
226 30.5 25.0 37.4

229 20.0 16.0 24.0

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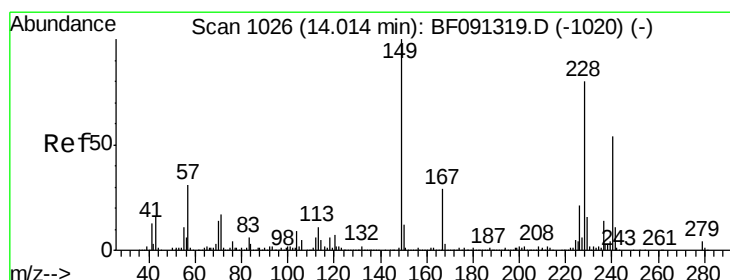
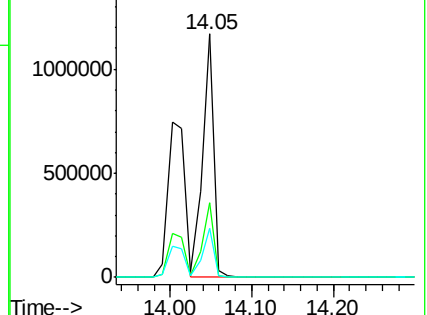
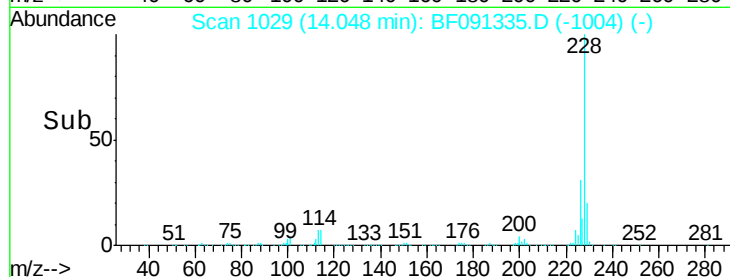
11/30/2016 10:33:48 AM



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 52.02 ng

RT: 14.01 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BF091335.D

Acq: 29 Nov 2016 19:05

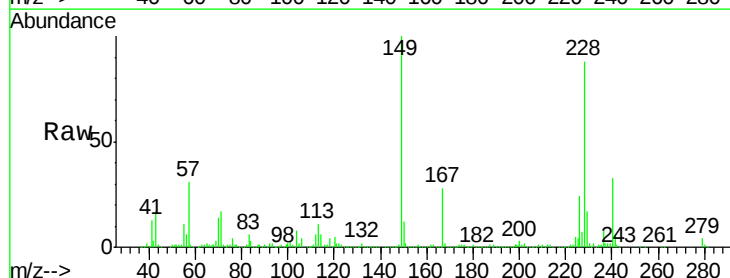
Tgt Ion: 149 Resp: 766232

Ion Ratio Lower Upper

149 100

167 28.5 19.6 29.4

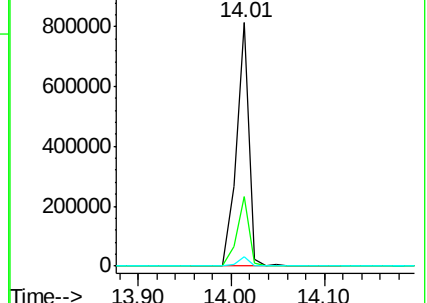
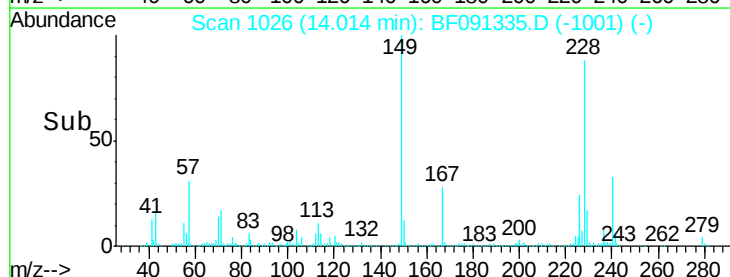
279 4.0 1.9 2.9#

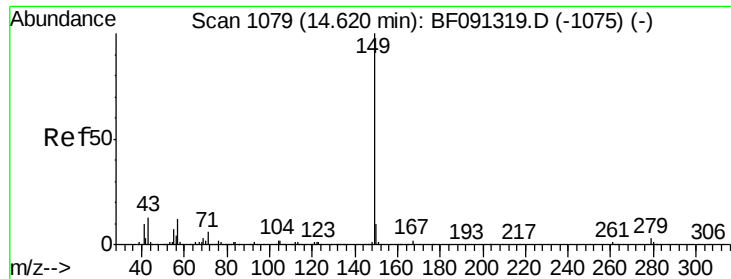


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 52.86 ng

RT: 14.62 min Scan# 1079

Delta R.T. -0.02 min

Lab File: BF091335.D

Acq: 29 Nov 2016 19:05

Instrument :

BNA_F

ClientSampleId :

PHOENIX-BPMMSD

Tgt Ion:149 Resp: 1178163

Ion Ratio Lower Upper

149 100

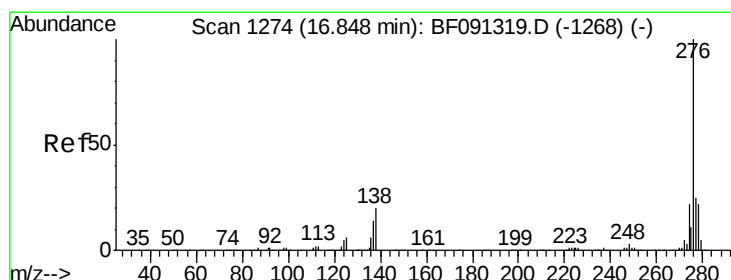
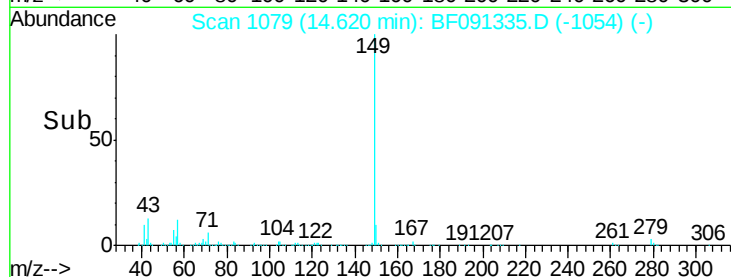
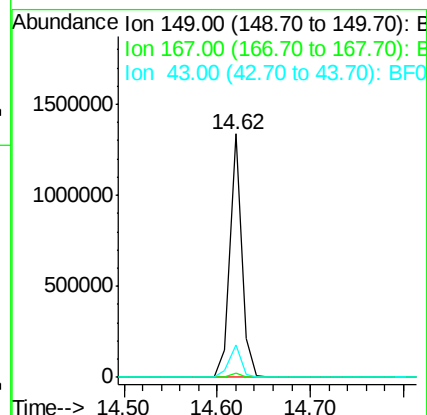
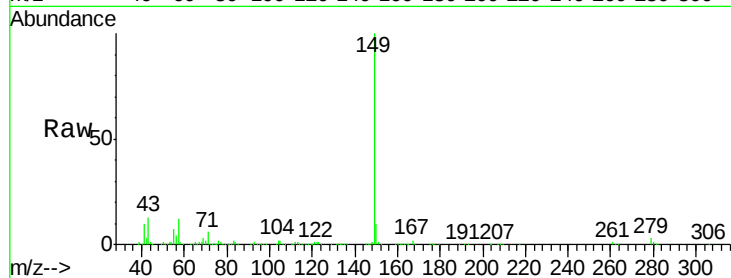
167 1.6 1.3 1.9

43 13.4 11.9 17.9

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#85

Indeno(1,2,3-cd)pyrene

Concen: 57.28 ng

RT: 16.86 min Scan# 1275

Delta R.T. -0.03 min

Lab File: BF091335.D

Acq: 29 Nov 2016 19:05

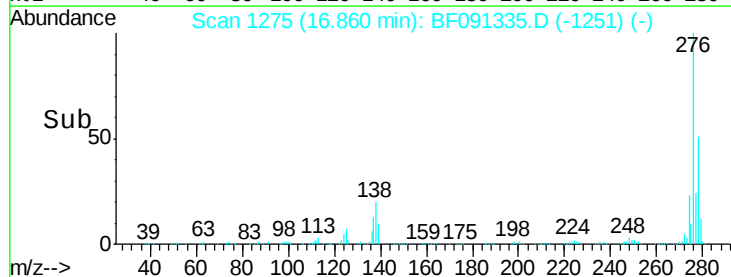
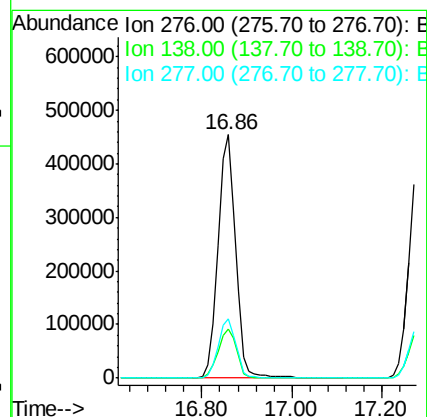
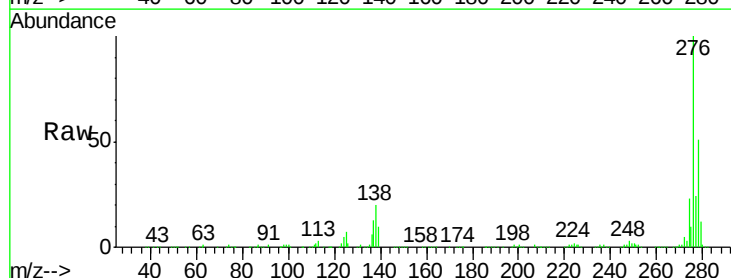
Tgt Ion:276 Resp: 1241338

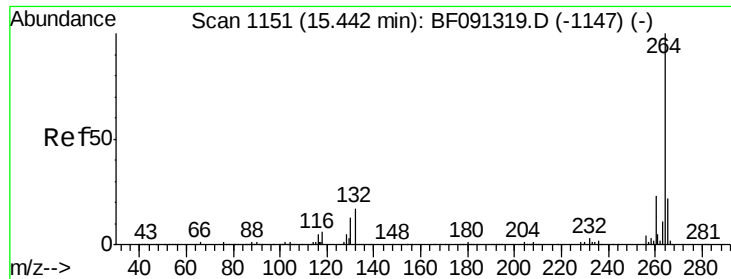
Ion Ratio Lower Upper

276 100

138 21.5 21.0 31.4

277 24.9 20.2 30.2





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF091335.D
 Acq: 29 Nov 2016 19:05

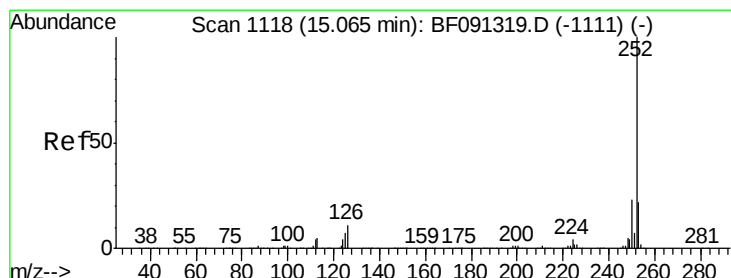
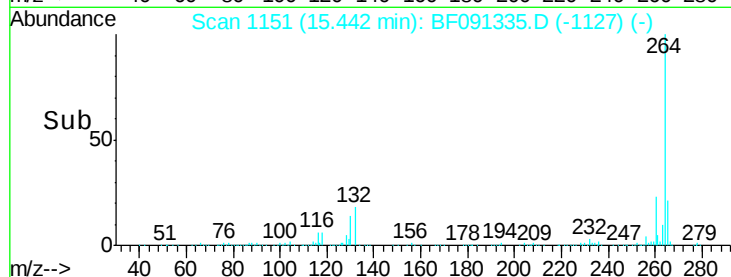
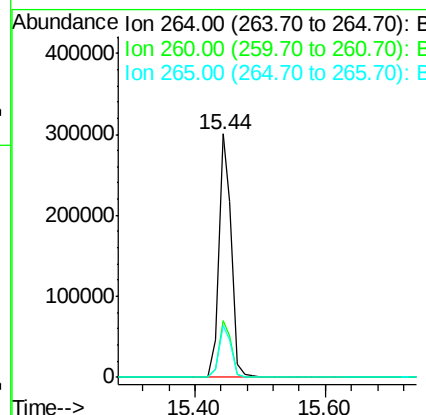
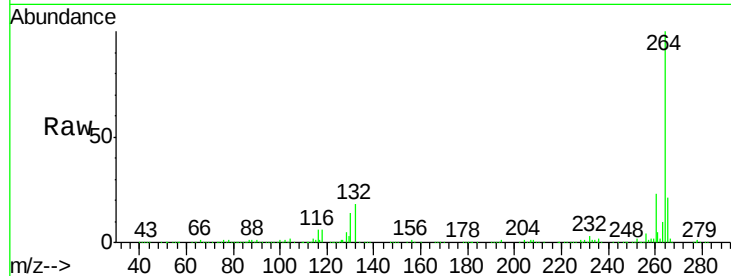
Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-BPMMSD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.8	28.2
265	21.3	17.0	25.6

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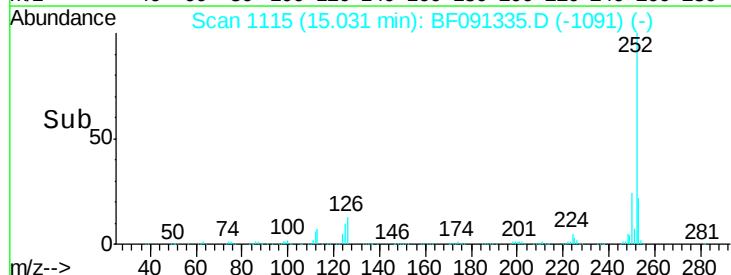
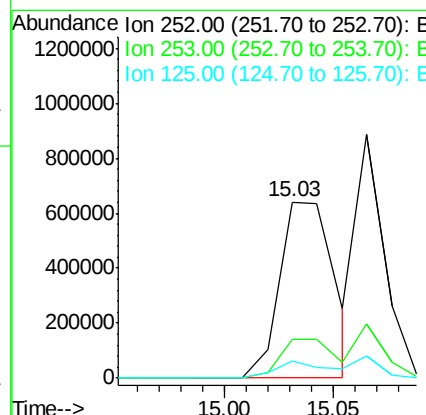
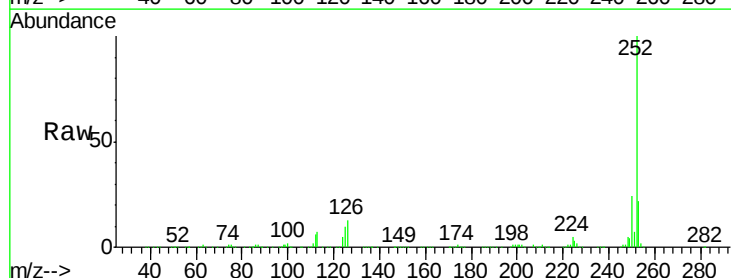
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#87
 Benzo(b)fluoranthene
 Concen: 44.37 ng
 RT: 15.03 min Scan# 1115
 Delta R.T. -0.03 min
 Lab File: BF091335.D
 Acq: 29 Nov 2016 19:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	10.0	8.6	13.0





#88
Benzo(k)fluoranthene
Concen: 38.19 ng m
RT: 15.07 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BF091335.D
Acq: 29 Nov 2016 19:05

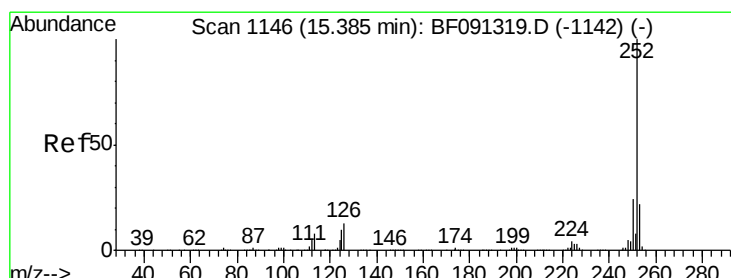
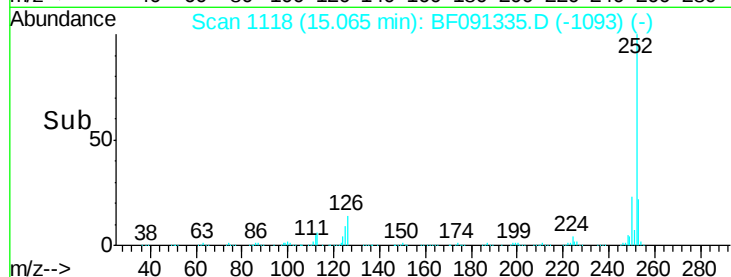
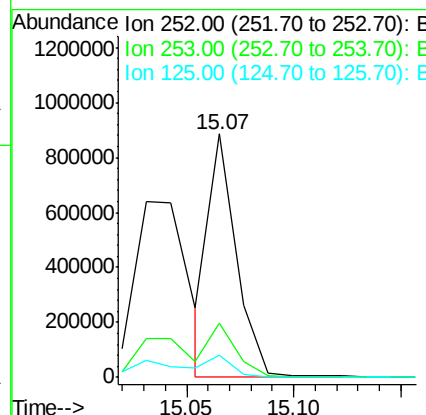
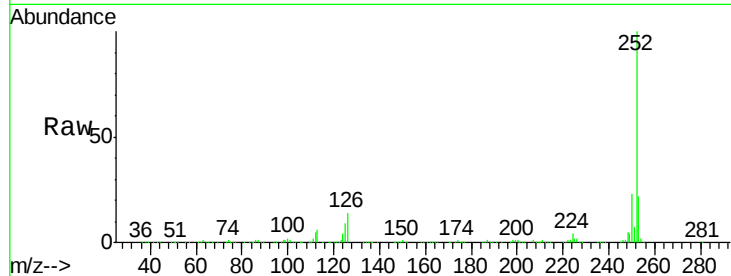
Instrument :
BNA_F
ClientSampleId :
PHOENIX-BPMMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	9.1	9.6	14.4

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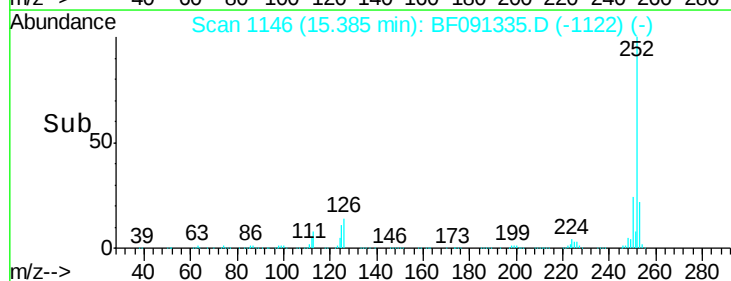
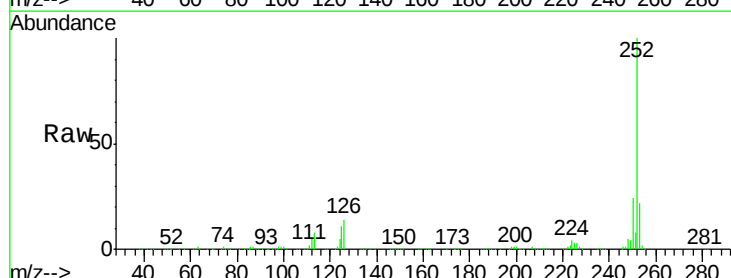
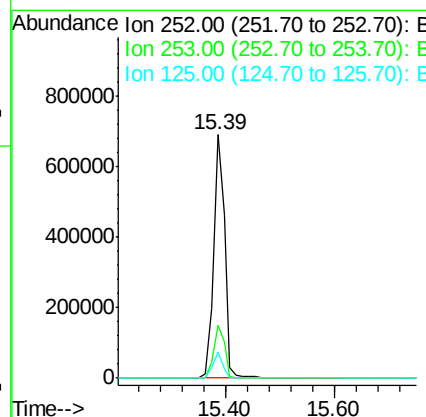
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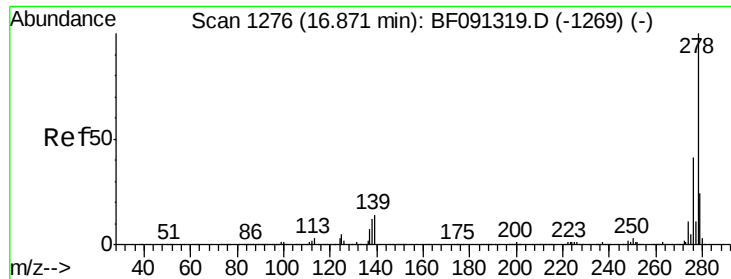
11/30/2016 10:33:48 AM



#89
Benzo(a)pyrene
Concen: 43.02 ng
RT: 15.39 min Scan# 1146
Delta R.T. -0.03 min
Lab File: BF091335.D
Acq: 29 Nov 2016 19:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.4
125	10.6	10.4	15.6





#90
Dibenzo(a,h)anthracene
Concen: 48.75 ng
RT: 16.87 min Scan# 1276
Delta R.T. -0.04 min
Lab File: BF091335.D
Acq: 29 Nov 2016 19:05

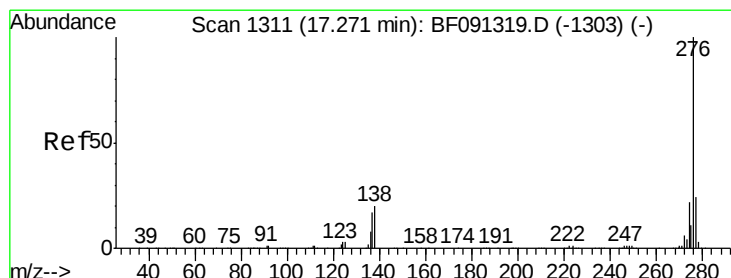
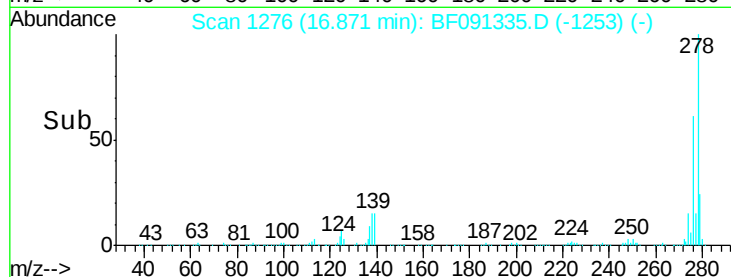
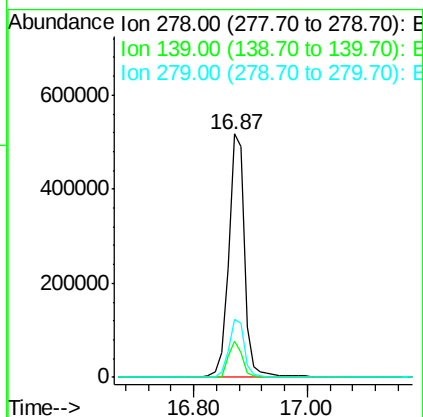
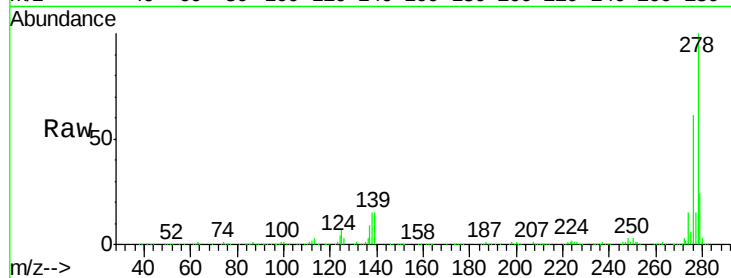
Instrument :
BNA_F
ClientSampleId :
PHOENIX-BPMMSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.9	15.1	22.7#
279	24.1	19.0	28.6

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#91
Benzo(g,h,i)perylene
Concen: 48.77 ng
RT: 17.28 min Scan# 1312
Delta R.T. -0.03 min
Lab File: BF091335.D
Acq: 29 Nov 2016 19:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	18.0	15.4	23.0

