

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
 Data File : BF091665.D
 Acq On : 16 Dec 2016 9:46
 Operator : UM/SJ
 Sample : H6057-04MSD
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6MSD

Manual Integrations
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 12/16/2016 6:22:38 PM

Quant Time: Dec 16 16:50:41 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 00:35:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	183813	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	735756	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	348510	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	505941	20.00	ng	0.00
75) Chrysene-d12	13.94	240	401758	20.00	ng	0.00
86) Perylene-d12	15.35	264	339997	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1254606	114.99	ng	0.02
7) Phenol-d6	6.43	99	1700879	125.05	ng	0.00
23) Nitrobenzene-d5	7.36	82	1227552	93.12	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	357881	123.63	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1787035	88.60	ng	0.00
78) Terphenyl-d14	12.89	244	1431001	80.82	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	196572	34.14	ng	# 70
3) Pyridine	3.16	79	365793	23.84	ng	# 81
4) n-Nitrosodimethylamine	3.09	42	277767	42.14	ng	# 74
6) Aniline	6.45	93	447533	25.10	ng	# 80
8) 2-Chlorophenol	6.58	128	528203	42.89	ng	98
9) Benzaldehyde	6.33	77	59122	6.32	ng	88
10) Phenol	6.45	94	548055	34.46	ng	94
11) bis(2-Chloroethyl)ether	6.53	93	552064	46.21	ng	# 79
12) 1,3-Dichlorobenzene	6.73	146	536987	40.21	ng	98
13) 1,4-Dichlorobenzene	6.81	146	545996	41.45	ng	97
14) 1,2-Dichlorobenzene	6.96	146	500807	42.19	ng	100
15) Benzyl Alcohol	6.93	79	477459	44.46	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.07	45	724272	39.12	ng	81
17) 2-Methylphenol	7.06	107	448095	43.98	ng	# 78
18) Hexachloroethane	7.30	117	194837	37.90	ng	# 86
19) n-Nitroso-di-n-propylamine	7.21	70	384786	45.24	ng	# 84
20) 3+4-Methylphenols	7.21	107	516011	47.03	ng	# 80
22) Acetophenone	7.20	105	770728	43.72	ng	# 96
24) Nitrobenzene	7.37	77	544116	39.07	ng	94
25) Isophorone	7.62	82	1096642	46.80	ng	96
26) 2-Nitrophenol	7.69	139	257816	41.94	ng	90
27) 2,4-Dimethylphenol	7.73	122	456860	42.31	ng	97
28) bis(2-Chloroethoxy)methane	7.82	93	618376	44.99	ng	100
29) 2,4-Dichlorophenol	7.94	162	444770	47.35	ng	95
30) 1,2,4-Trichlorobenzene	8.02	180	464942	43.55	ng	97
31) Naphthalene	8.10	128	1500812	43.84	ng	99
32) Benzoic acid	7.86	122	311679	41.02	ng	99
33) 4-Chloroaniline	8.14	127	274611	18.62	ng	98
34) Hexachlorobutadiene	8.21	225	244179	39.90	ng	97
35) Caprolactam	8.51	113	119231	43.46	ng	# 65
36) 4-Chloro-3-methylphenol	8.64	107	445046	42.24	ng	99
37) 2-Methylnaphthalene	8.78	142	942844m	42.55	ng	
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	431173	45.11	ng	100
40) Hexachlorocyclopentadiene	8.94	237	249529	58.55	ng	100

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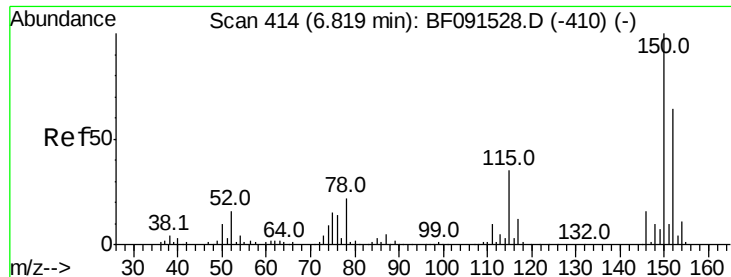
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	298384	48.58	nq	96
43) 2,4,5-Trichlorophenol	9.12	196	278082	44.06	nq #	87
45) 1,1'-Biphenyl	9.25	154	1253882	49.67	nq	96
46) 2-Chloronaphthalene	9.28	162	905301	46.31	nq	98
47) 2-Nitroaniline	9.37	65	270801	41.20	nq #	84
48) Acenaphthylene	9.69	152	1295865	43.49	nq	99
49) Dimethylphthalate	9.56	163	1118511	50.69	nq	100
50) 2,6-Dinitrotoluene	9.62	165	245443	50.68	nq #	69
51) Acenaphthene	9.86	154	868616	41.97	nq	97
52) 3-Nitroaniline	9.78	138	159765	28.08	nq	91
53) 2,4-Dinitrophenol	9.88	184	112052	48.19	nq #	68
54) Dibenzofuran	10.03	168	1117442	43.64	nq	98
55) 4-Nitrophenol	9.95	139	297269	70.23	nq	95
56) 2,4-Dinitrotoluene	10.02	165	307655	50.68	nq #	73
57) Fluorene	10.37	166	873369	48.07	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.16	232	228227	46.19	nq	98
59) Diethylphthalate	10.26	149	1090326	51.31	nq	95
60) 4-Chlorophenyl-phenylether	10.37	204	404756	43.96	nq	98
61) 4-Nitroaniline	10.40	138	238242	42.14	nq	92
62) Azobenzene	10.52	77	1081493	44.91	nq	87
64) 4,6-Dinitro-2-methylphenol	10.42	198	78442	26.91	nq	89
65) n-Nitrosodiphenylamine	10.49	169	785871	52.10	nq	100
66) 4-Bromophenyl-phenylether	10.85	248	247038	47.63	nq	92
67) Hexachlorobenzene	10.92	284	266877	49.48	nq #	89
68) Atrazine	11.01	200	167056	34.44	nq	98
69) Pentachlorophenol	11.12	266	269993	88.95	nq	96
70) Phenanthrene	11.33	178	1276232	50.94	nq	100
71) Anthracene	11.38	178	1169573	43.28	nq	99
72) Carbazole	11.54	167	1112430	46.96	nq	100
73) Di-n-butylphthalate	11.87	149	1424559	51.62	nq	99
74) Fluoranthene	12.51	202	1156711	44.09	nq	96
76) Benzidine	12.64	184	233657	18.81	nq	97
77) Pyrene	12.74	202	1137761	35.70	nq	99
79) Butylbenzylphthalate	13.37	149	576492	46.40	nq	94
80) Benzo(a)anthracene	13.93	228	1045754	44.82	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	314275	37.51	nq #	98
82) Chrysene	13.96	228	963978	39.49	nq	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	739210	46.37	nq	100
84) Di-n-octyl phthalate	14.55	149	1437178	53.12	nq #	90
85) Indeno(1,2,3-cd)pyrene	16.71	276	833235	37.93	nq	99
87) Benzo(b)fluoranthene	14.95	252	913944m	45.09	nq	
88) Benzo(k)fluoranthene	14.98	252	988983m	55.49	nq	
89) Benzo(a)pyrene	15.29	252	855660	46.86	nq	98
90) Dibenzo(a,h)anthracene	16.72	278	693800	42.42	nq	98
91) Benzo(g,h,i)perylene	17.12	276	679238	40.80	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF091665.D

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Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MSD

Tot Ion:152 Resp: 183813

Ion Ratio Lower Upper

152 100

150 157.1 122.5 183.7

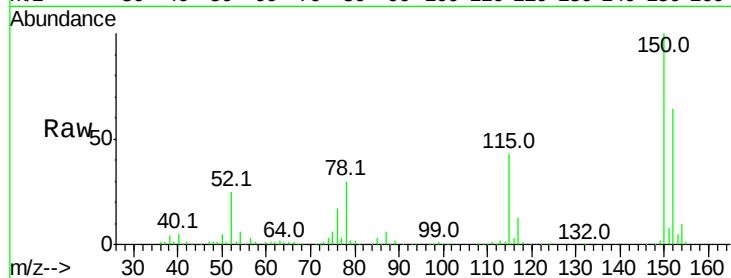
115 67.8 51.8 77.8

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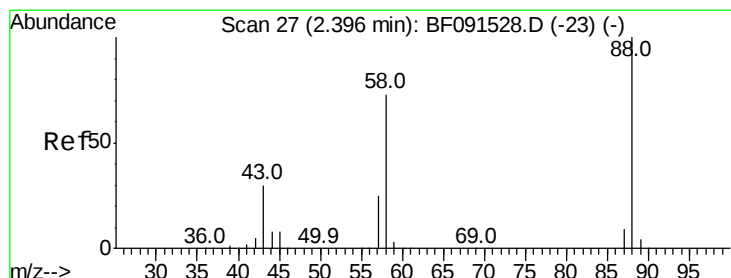
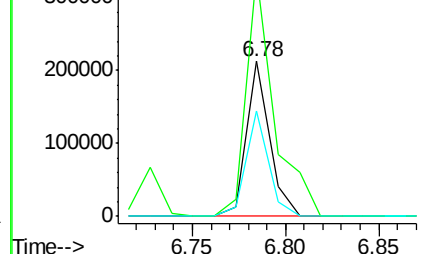
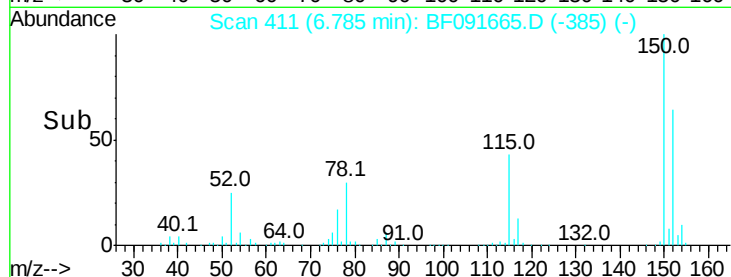
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.14 ng

RT: 2.50 min Scan# 36

Delta R.T. 0.17 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

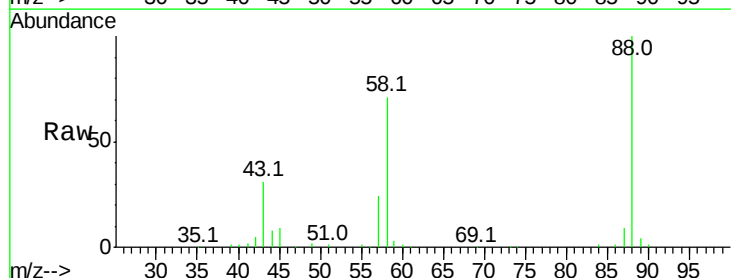
Tgt Ion: 88 Resp: 196572

Ion Ratio Lower Upper

88 100

58 73.5 70.3 105.5

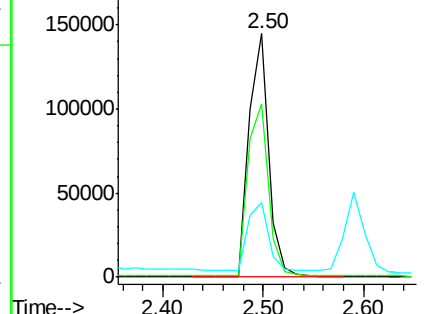
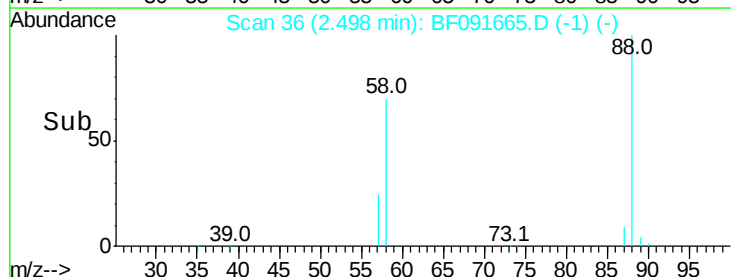
43 0.0 31.3 46.9#

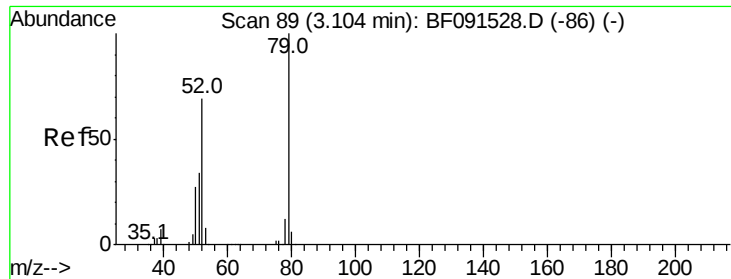


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 23.84 ng

RT: 3.16 min Scan# 94

Delta R.T. 0.14 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Instrument :

BNA_F

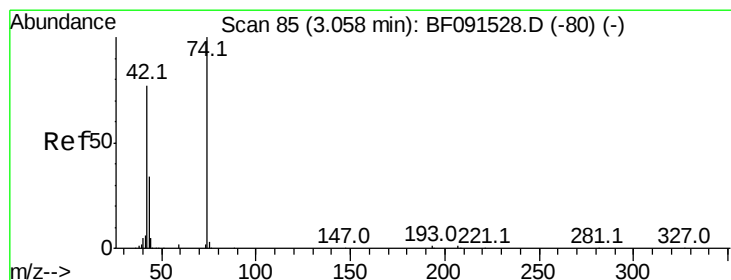
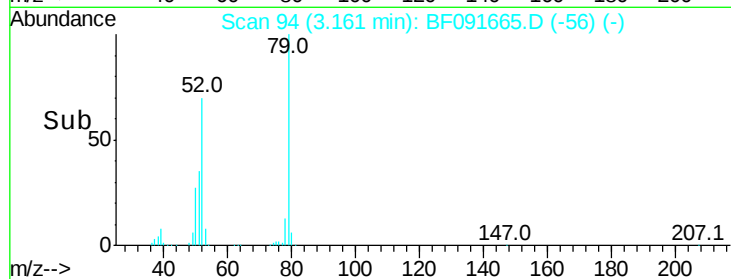
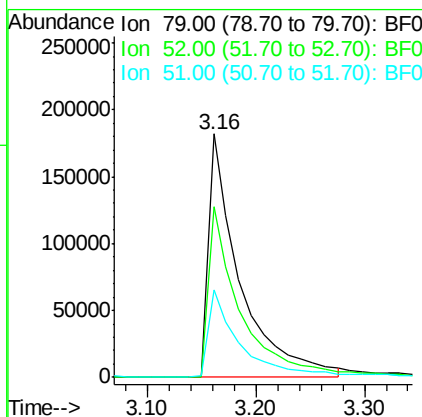
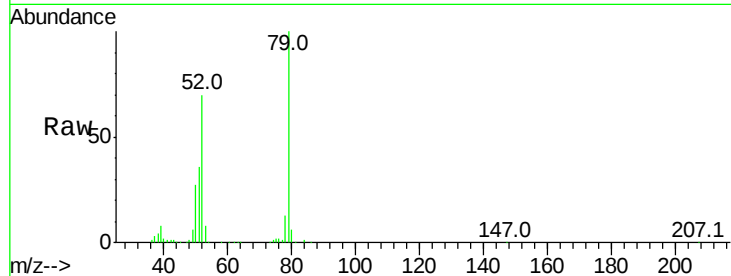
ClientSampleId :

TP20-COMP6MSD

Tot Ion:	79	Resp:	365793
Ion Ratio	Lower	Upper	
79	100		
52	70.0	71.0	106.4#
51	35.7	37.0	55.4#

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#4

n-Nitrosodimethylamine

Concen: 42.14 ng

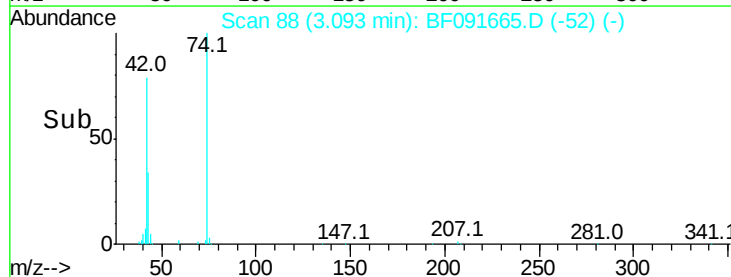
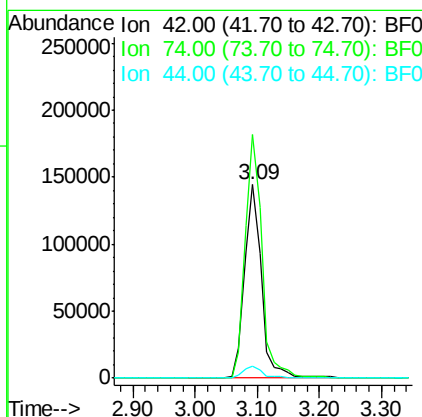
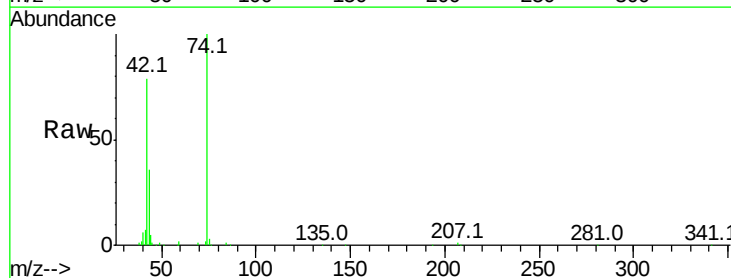
RT: 3.09 min Scan# 88

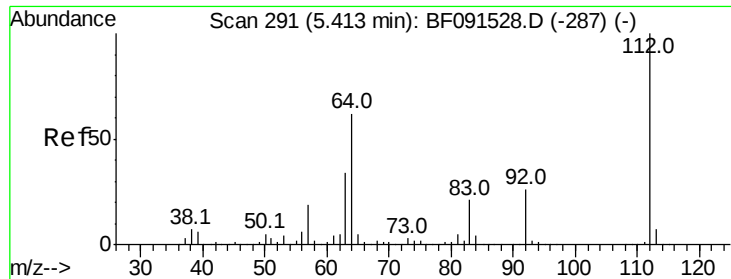
Delta R.T. 0.11 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Tgt Ion:	42	Resp:	277767
Ion Ratio	Lower	Upper	
42	100		
74	125.9	78.9	118.3#
44	6.2	5.8	8.6





#5

2-Fluorophenol

Concen: 114.99 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.02 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MSD

Tot Ion:112 Resp: 1254606

Ion Ratio Lower Upper

112 100

64 67.4 61.5 92.3

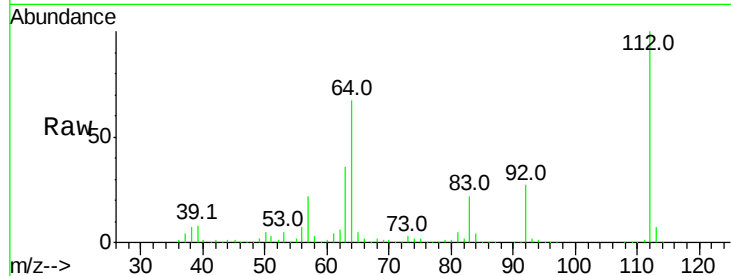
63 36.2 33.3 49.9

Manual Integrations

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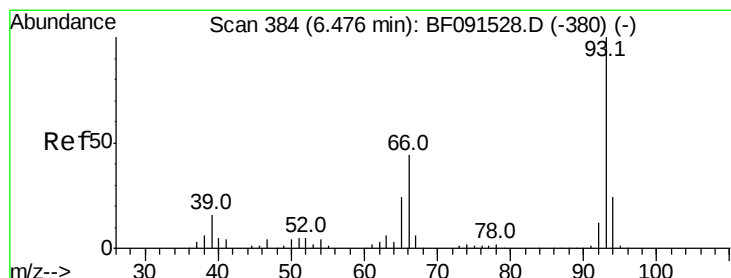
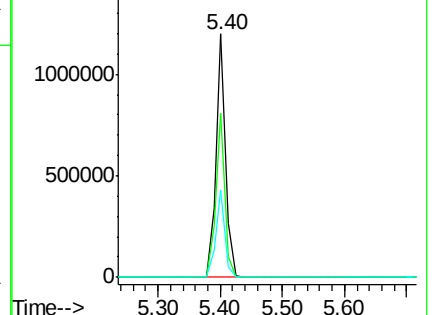
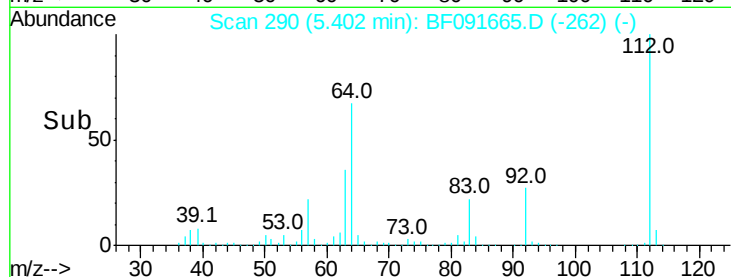
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 25.10 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

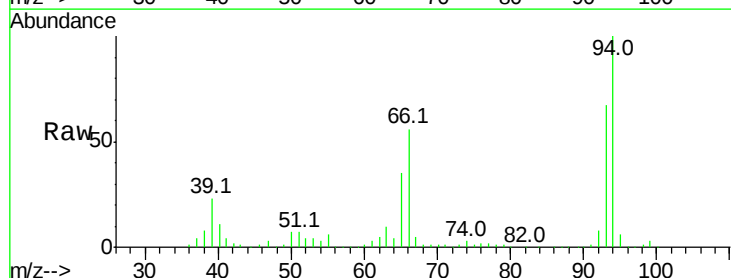
Tgt Ion: 93 Resp: 447533

Ion Ratio Lower Upper

93 100

66 83.3 55.8 83.6

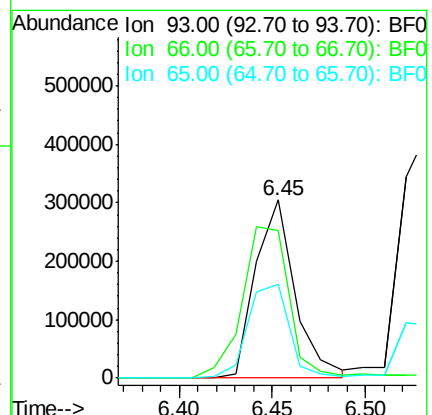
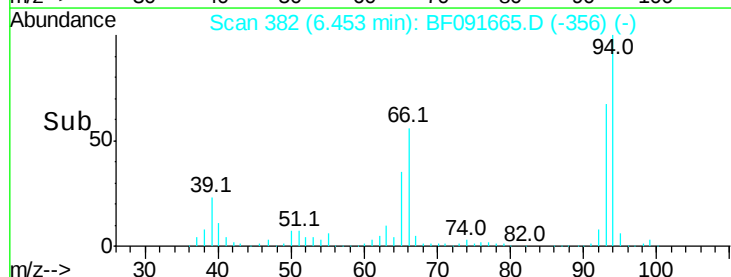
65 52.7 29.9 44.9#

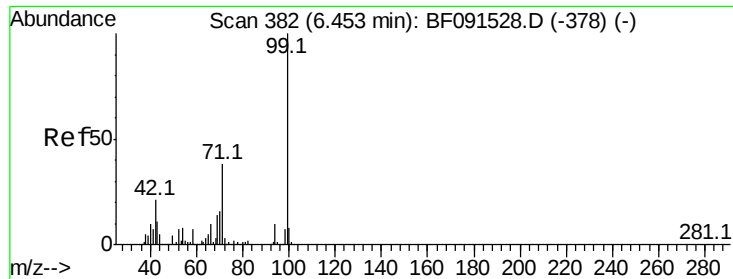


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 125.05 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MSD

Tot Ion: 99 Resp: 1700879

Ion Ratio Lower Upper

99 100

42 21.1 20.6 31.0

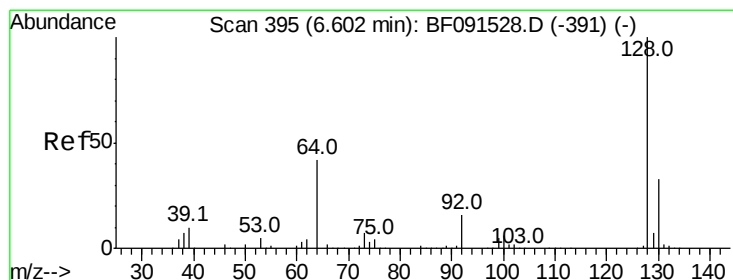
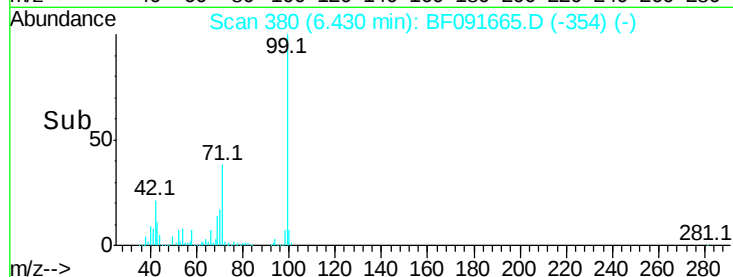
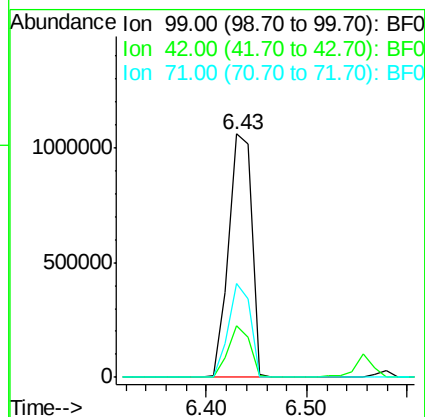
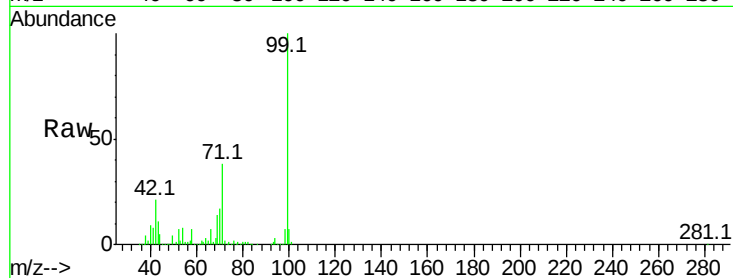
71 38.5 29.9 44.9

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#8

2-Chlorophenol

Concen: 42.89 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.01 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

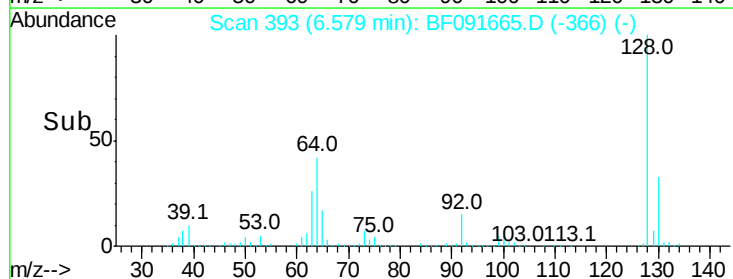
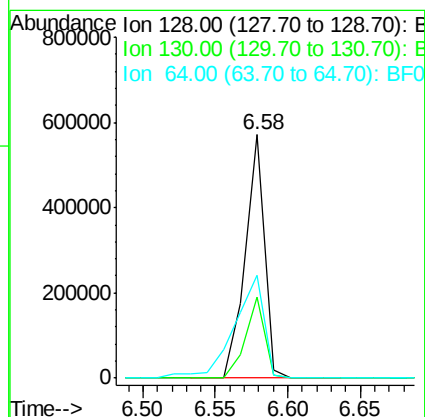
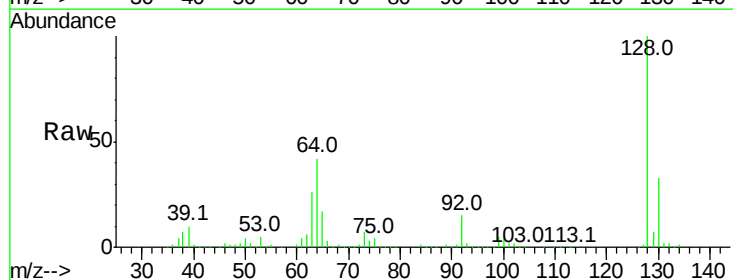
Tgt Ion: 128 Resp: 528203

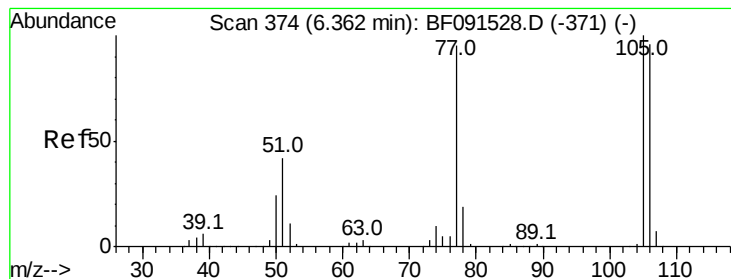
Ion Ratio Lower Upper

128 100

130 33.3 13.1 53.1

64 42.0 24.1 64.1





#9

Benzaldehyde

Concen: 6.32 ng

RT: 6.33 min Scan# 371

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Instrument :

BNA_F

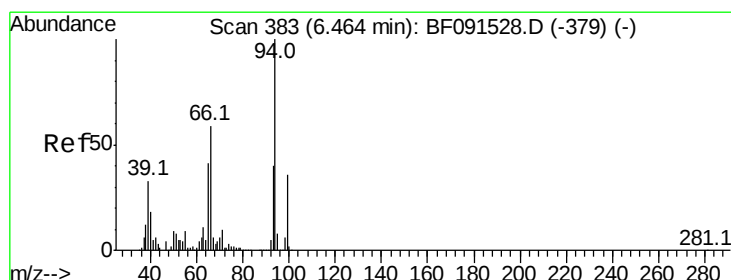
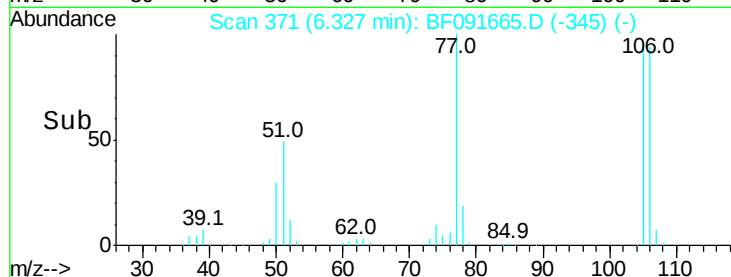
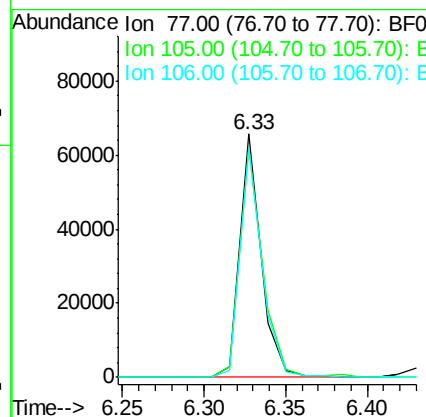
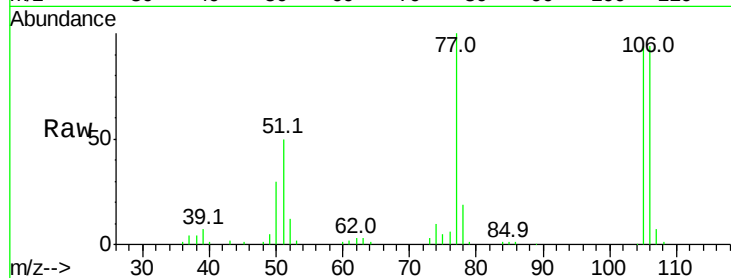
ClientSampleId :

TP20-COMP6MSD

Tot Ion:	77	Resp:	59122
Ion Ratio	Lower	Upper	
77	100		
105	94.0	66.4	106.4
106	94.2	60.9	100.9

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#10

Phenol

Concen: 34.46 ng

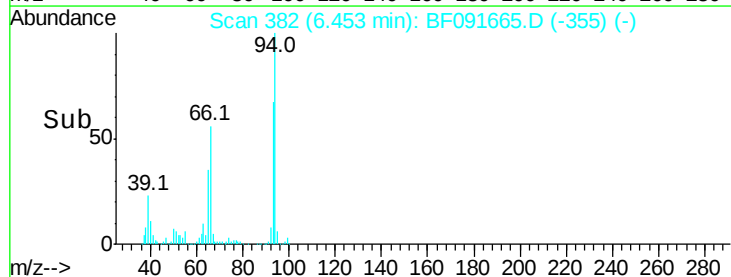
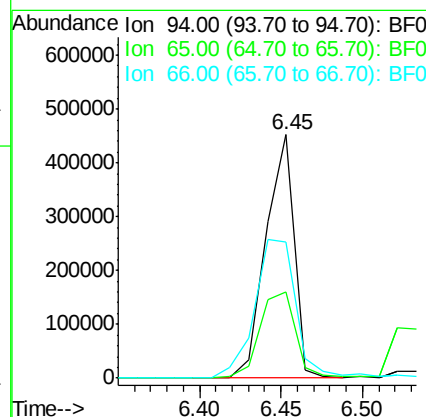
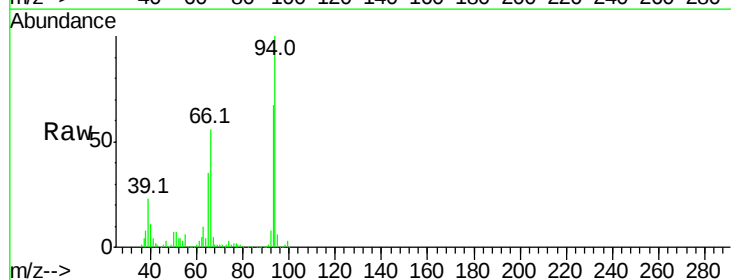
RT: 6.45 min Scan# 382

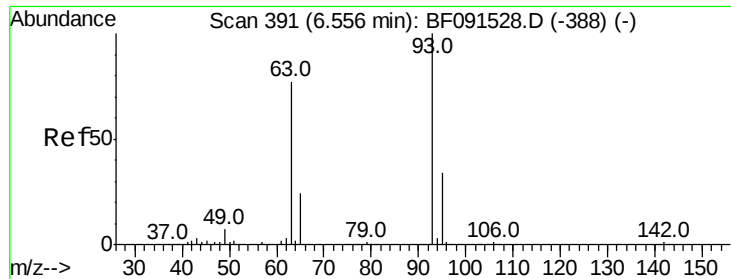
Delta R.T. 0.01 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Tgt Ion:	94	Resp:	548055
Ion Ratio	Lower	Upper	
94	100		
65	35.4	16.9	56.9
66	56.0	30.6	70.6





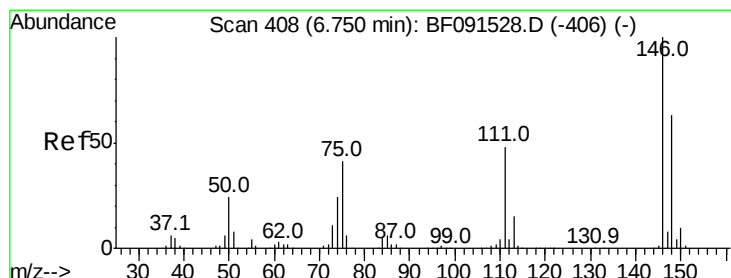
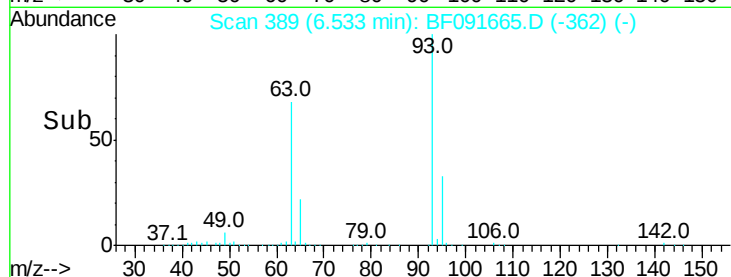
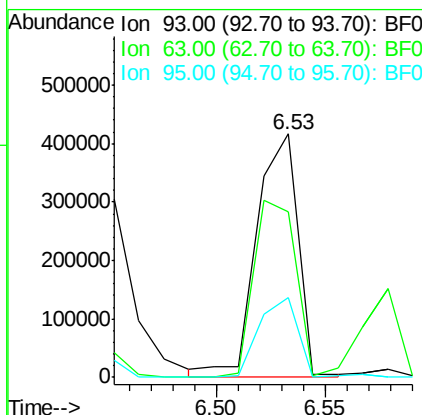
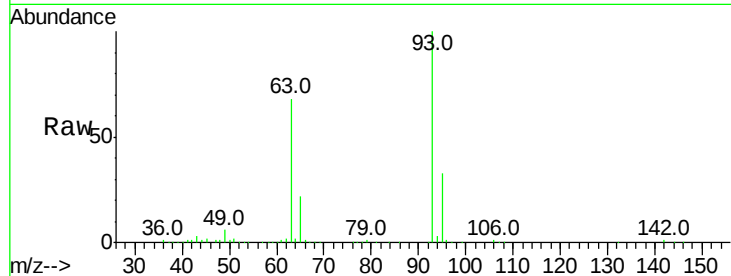
#11
bis(2-Chloroethyl)ether
Concen: 46.21 ng
RT: 6.53 min Scan# 389
Delta R.T. 0.01 min
Lab File: BF091665.D
Acq: 16 Dec 2016 9:46

Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	67.9	74.8	114.8#
95	32.9	12.4	52.4

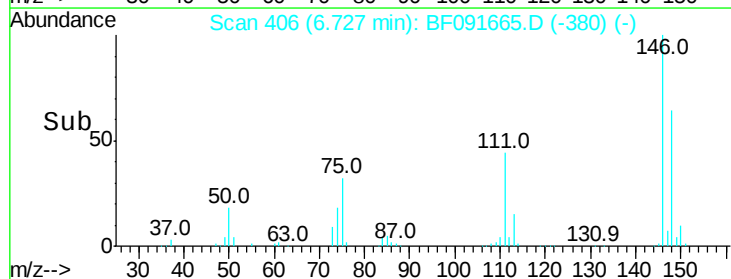
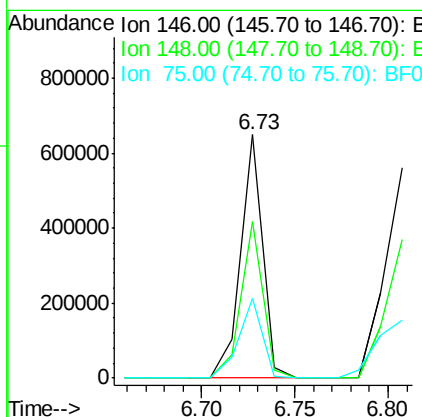
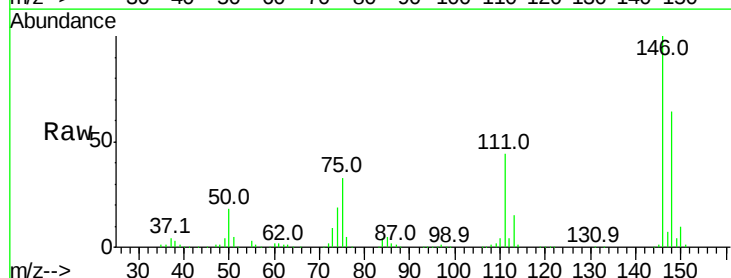
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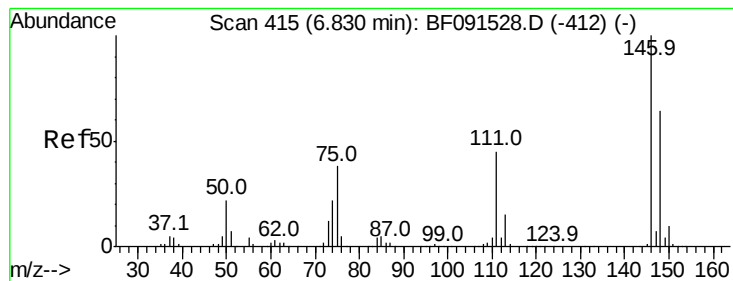
UMANGI
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#12
1,3-Dichlorobenzene
Concen: 40.21 ng
RT: 6.73 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF091665.D
Acq: 16 Dec 2016 9:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.0
75	32.7	23.6	35.4





#13

1,4-Dichlorobenzene

Concen: 41.45 ng

RT: 6.81 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Instrument :

BNA_F

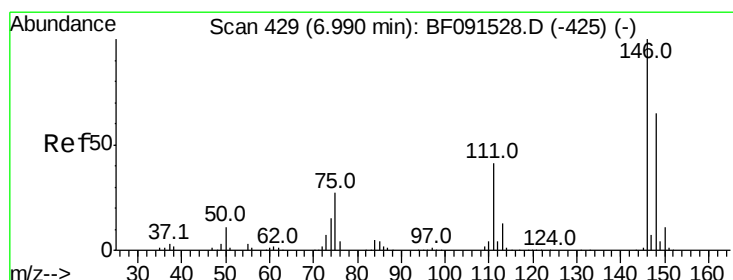
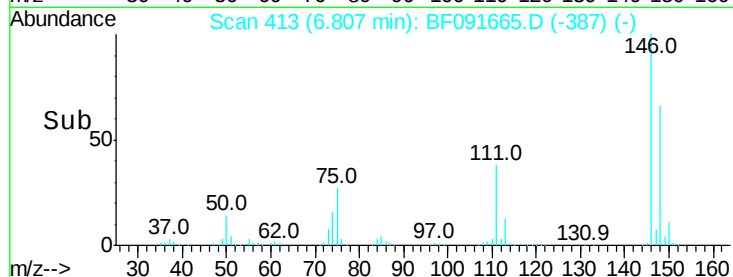
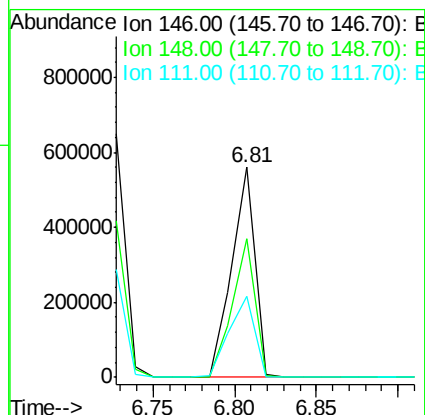
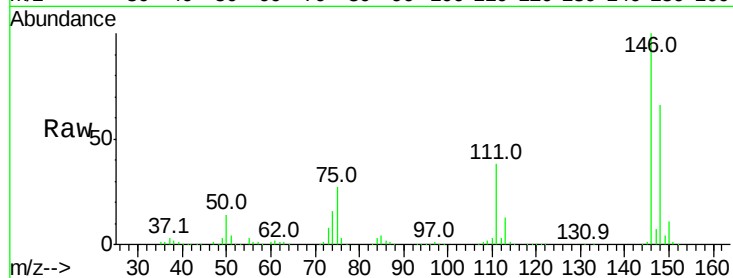
ClientSampleId :

TP20-COMP6MSD

Tot Ion:	146	Resp:	545996
Ion Ratio	Lower	Upper	
146	100		
148	66.3	51.4	77.0
111	38.4	32.2	48.2

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#14

1,2-Dichlorobenzene

Concen: 42.19 ng

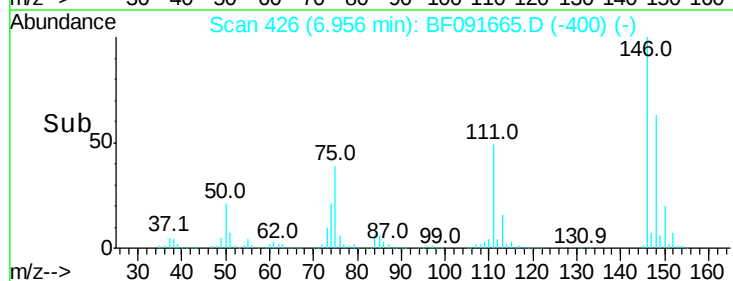
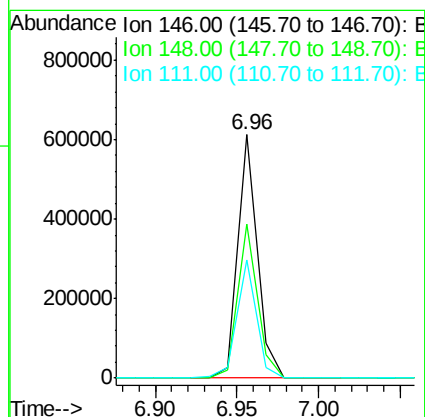
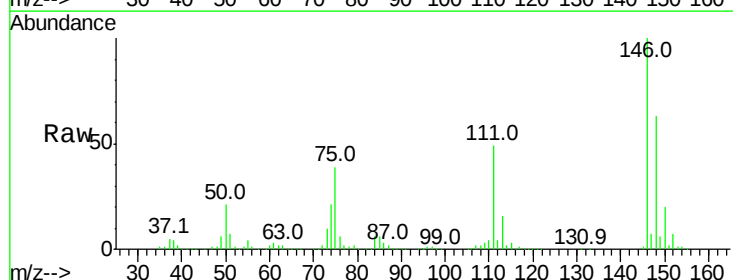
RT: 6.96 min Scan# 426

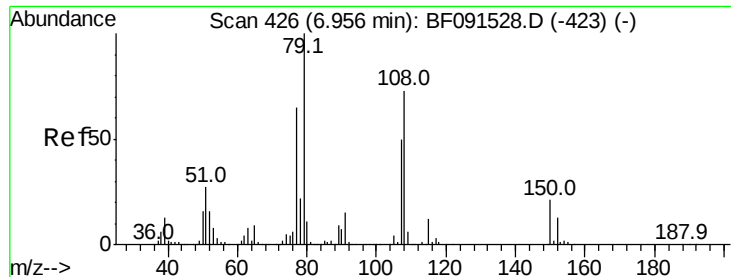
Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Tgt Ion:	146	Resp:	500807
Ion Ratio	Lower	Upper	
146	100		
148	63.3	51.0	76.6
111	48.7	38.9	58.3





#15

Benzyl Alcohol

Concen: 44.46 ng

RT: 6.93 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MSD

Tot Ion: 79 Resp: 477459

Ion Ratio Lower Upper

79 100

108 71.4 62.7 94.1

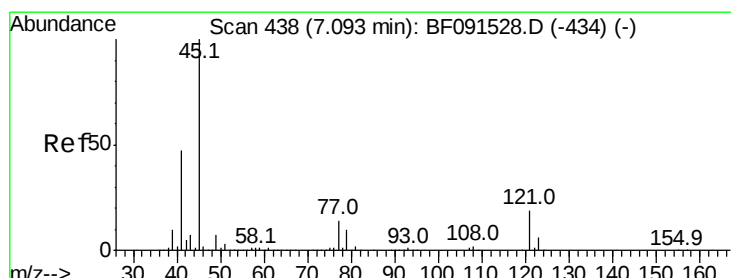
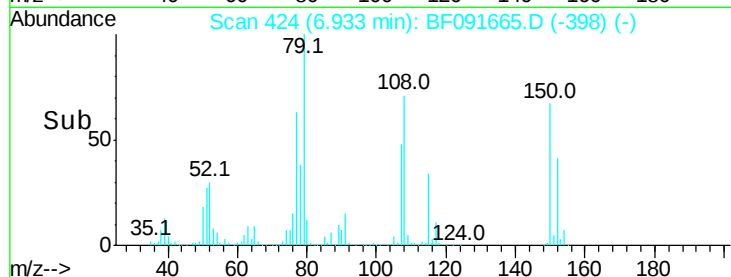
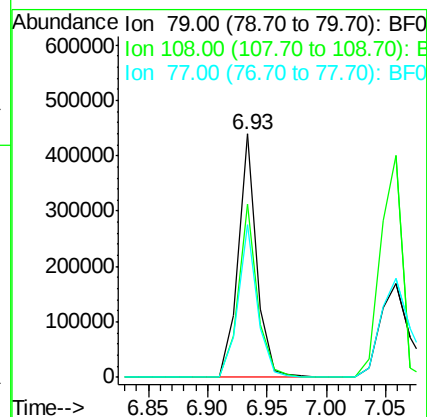
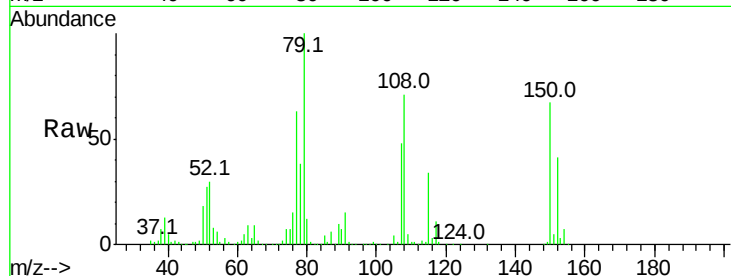
77 62.8 51.7 77.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.12 ng

RT: 7.07 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

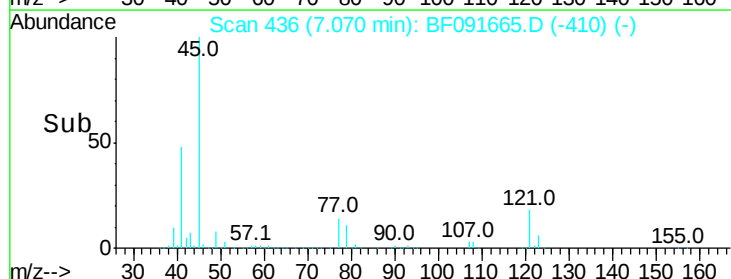
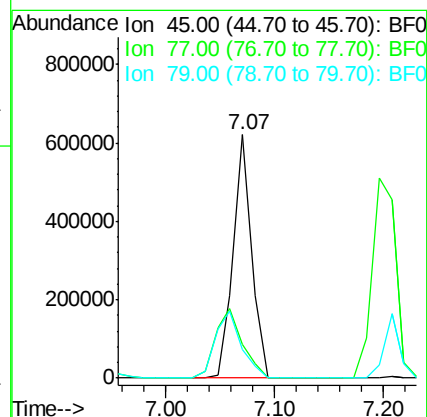
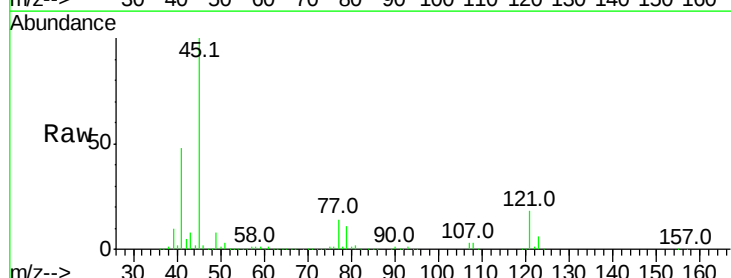
Tgt Ion: 45 Resp: 724272

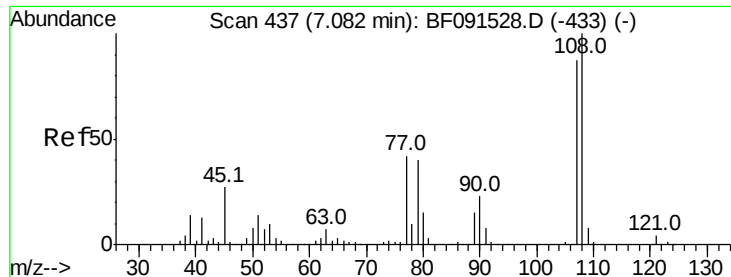
Ion Ratio Lower Upper

45 100

77 14.1 3.8 43.8

79 11.5 0.2 40.2





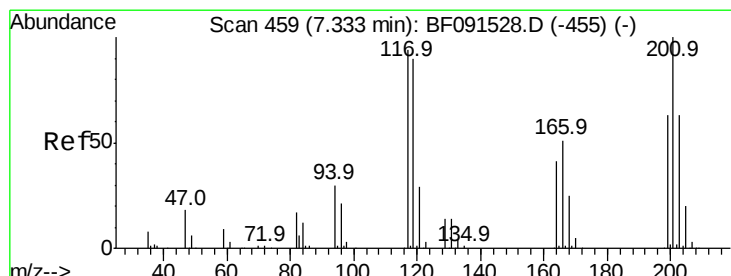
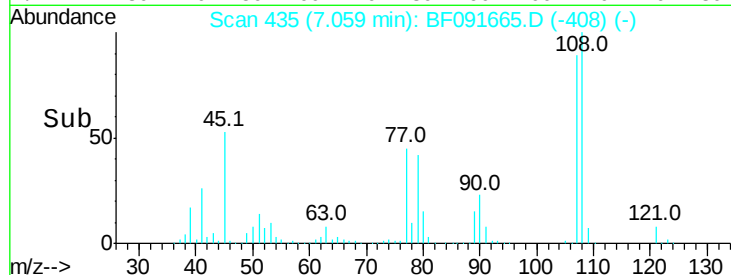
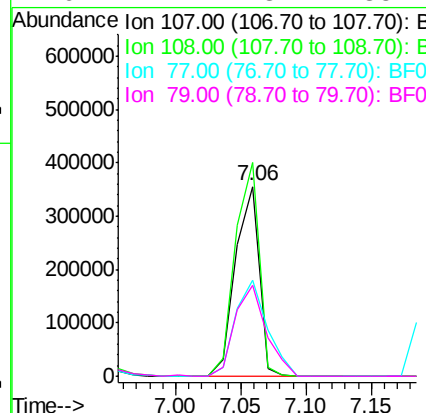
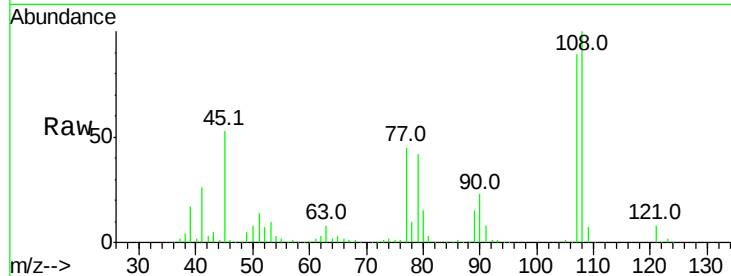
#17
2-Methylphenol
Concen: 43.98 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.01 min
Lab File: BF091665.D
Acq: 16 Dec 2016 9:46

Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.4	67.7	101.5#
77	50.2	40.7	61.1
79	47.7	23.4	35.2#

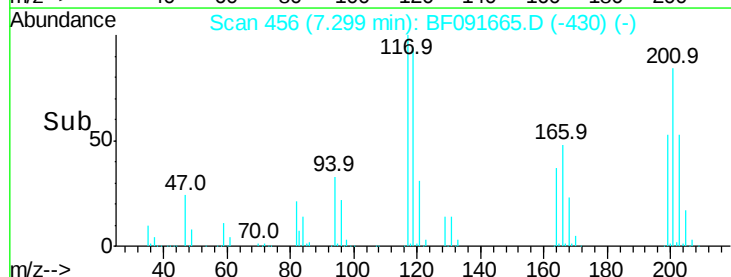
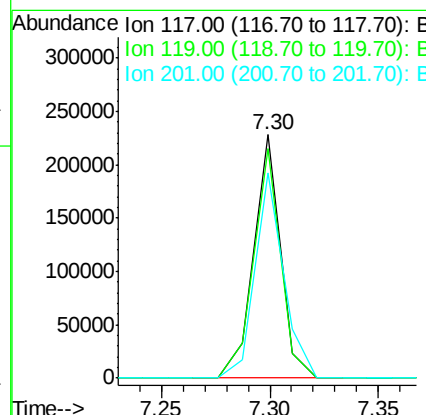
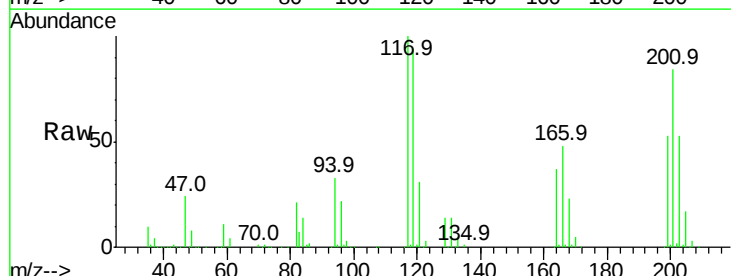
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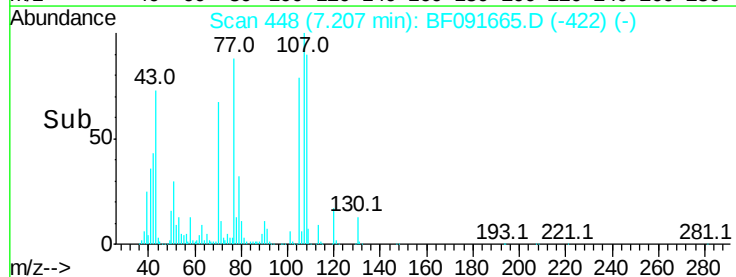
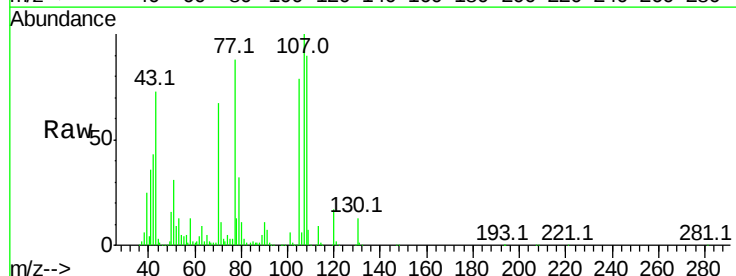
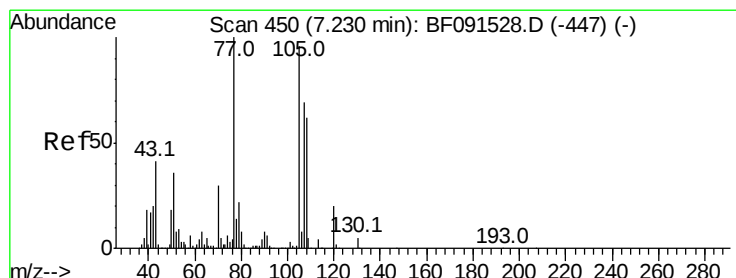
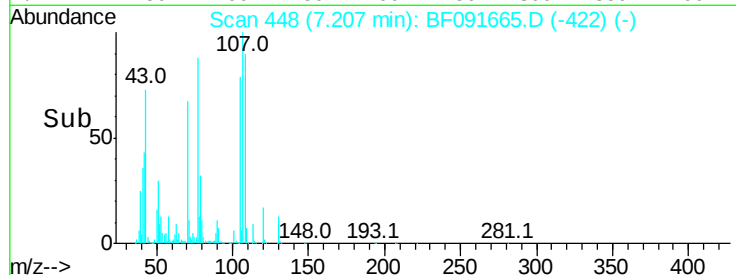
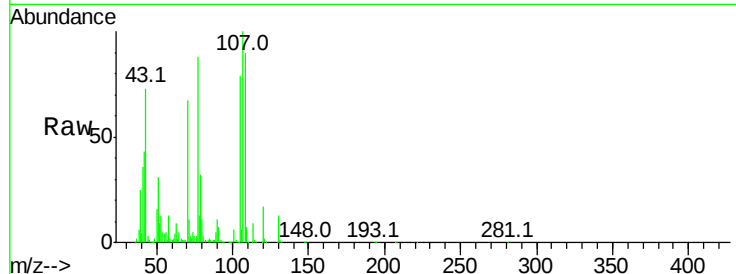
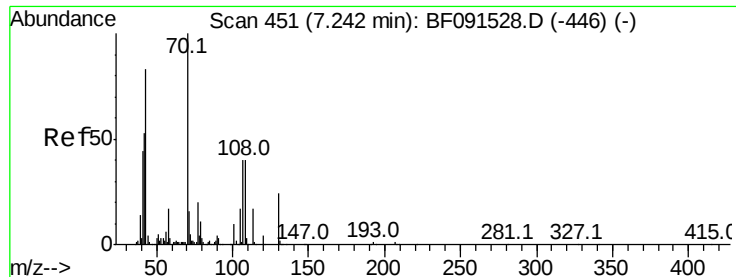
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#18
Hexachloroethane
Concen: 37.90 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF091665.D
Acq: 16 Dec 2016 9:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	78.6	118.0
201	84.3	86.7	130.1#





#19

n-Nitroso-di-n-propylamine

Concen: 45.24 ng

RT: 7.21 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.3	64.8	97.2#
101	9.2	6.2	9.4
130	18.8	11.7	17.5#

Instrument :

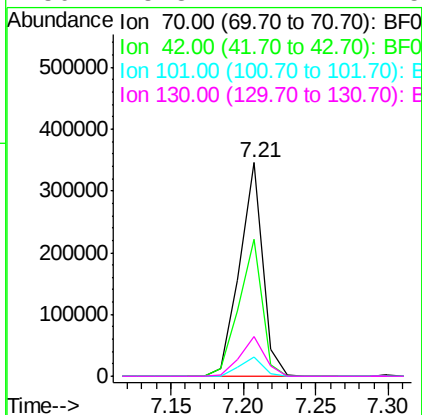
BNA_F

ClientSampleId :

TP20-COMP6MSD

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#20

3+4-Methylphenols

Concen: 47.03 ng

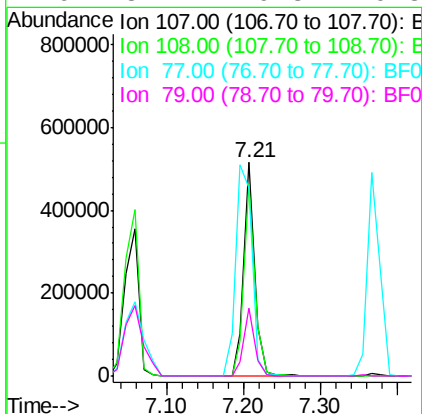
RT: 7.21 min Scan# 448

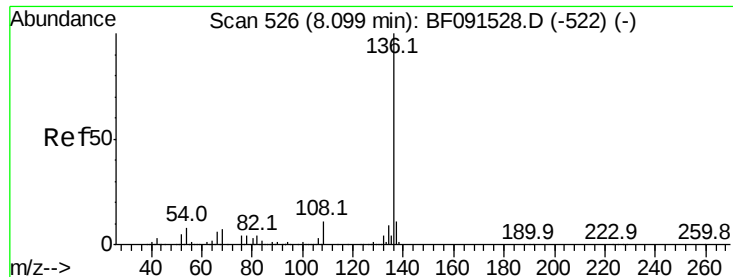
Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.0	64.6	104.6
77	88.2	30.9	70.9#
79	31.7	9.3	49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Instrument :

BNA_F

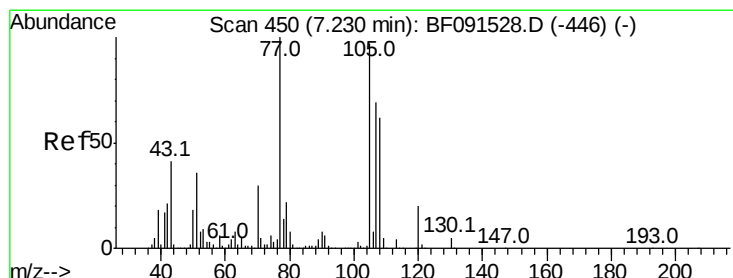
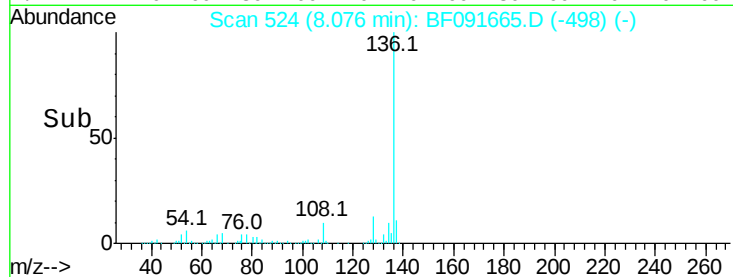
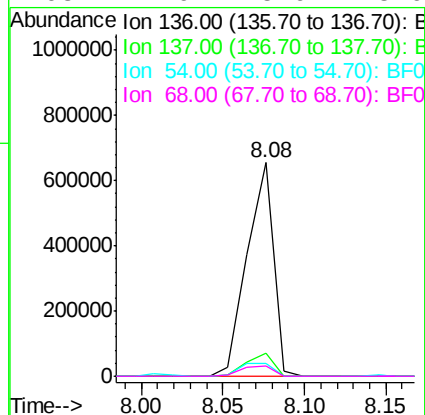
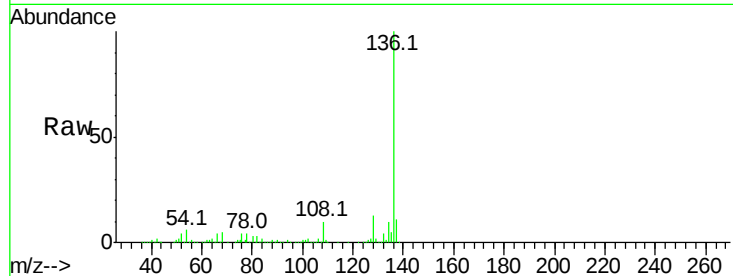
ClientSampleId :

TP20-COMP6MSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.2	9.1	13.7#
68	4.9	5.9	8.9#

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#22

Acetophenone

Concen: 43.72 ng

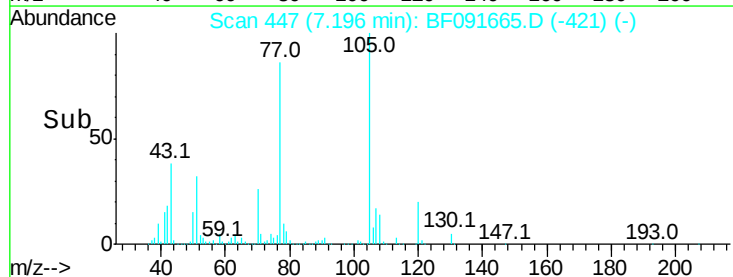
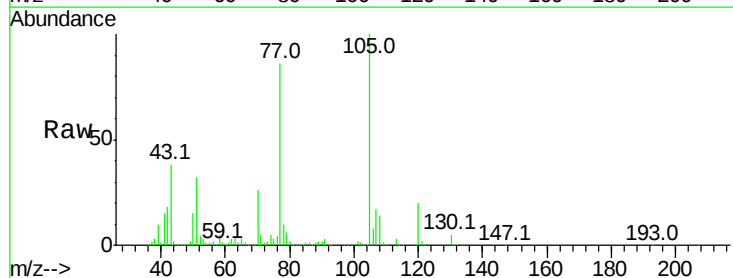
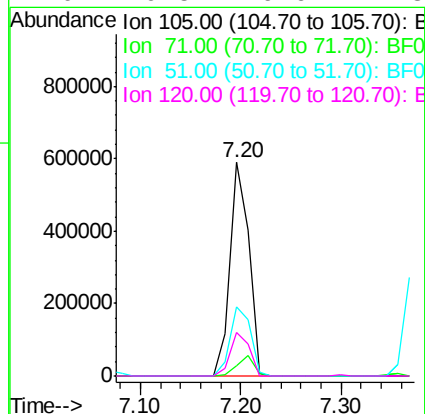
RT: 7.20 min Scan# 447

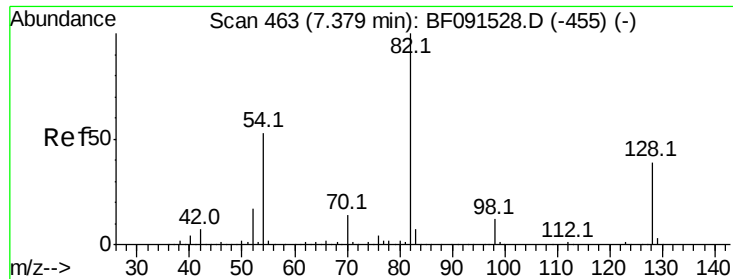
Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	4.6	7.9	11.9#
51	32.2	24.5	36.7
120	20.5	16.6	24.8





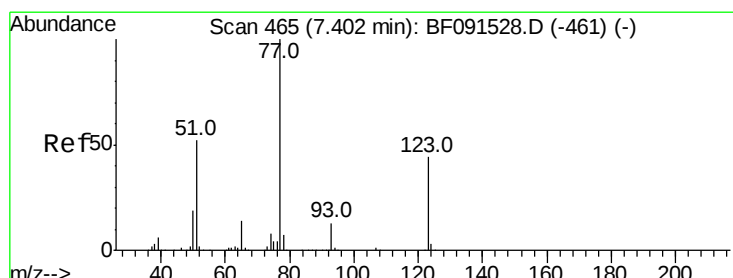
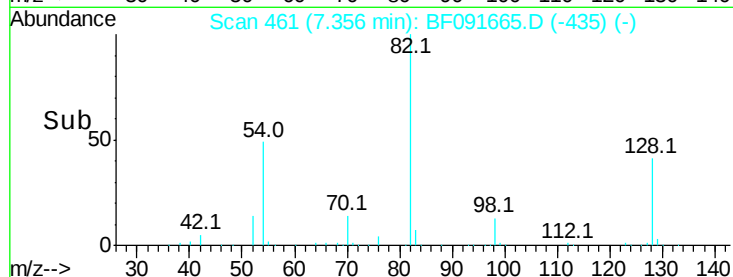
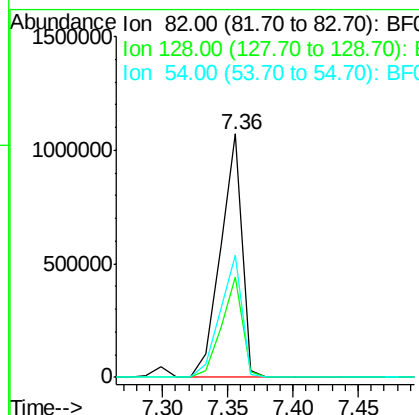
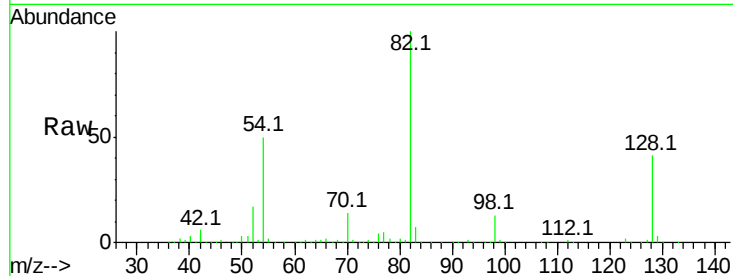
#23
 Nitrobenzene-d5
 Concen: 93.12 ng
 RT: 7.36 min Scan# 461
 Delta R.T. 0.00 min
 Lab File: BF091665.D
 Acq: 16 Dec 2016 9:46

Instrument :
 BNA_F
 ClientSampled :
 TP20-COMP6MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.0	31.8	47.6
54	50.3	49.1	73.7

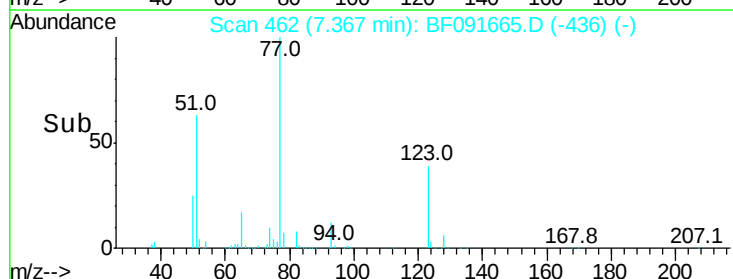
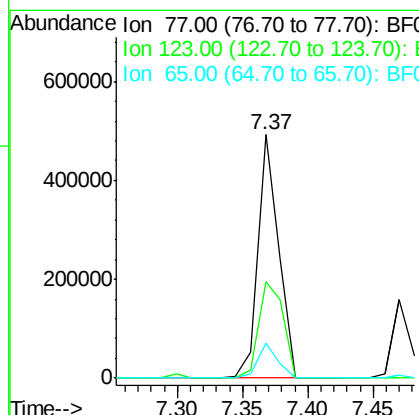
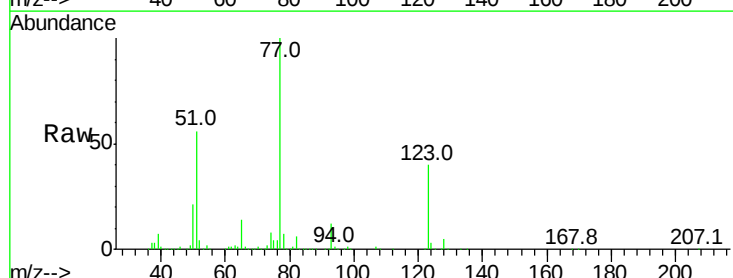
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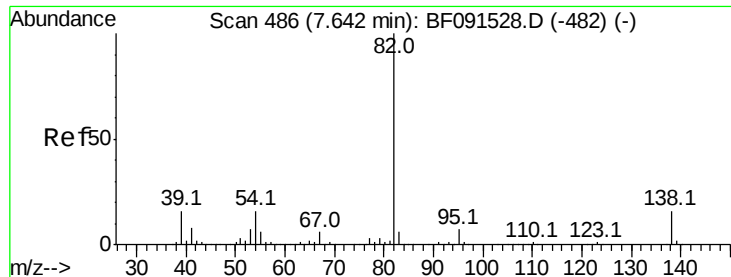
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#24
 Nitrobenzene
 Concen: 39.07 ng
 RT: 7.37 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF091665.D
 Acq: 16 Dec 2016 9:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.8	28.5	42.7
65	14.3	12.5	18.7





#25

Isophorone

Concen: 46.80 ng

RT: 7.62 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MSD

Tot Ion: 82 Resp: 1096642

Ion Ratio Lower Upper

82 100

95 7.5 5.7 8.5

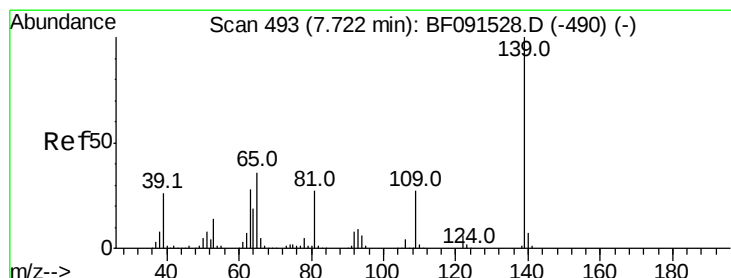
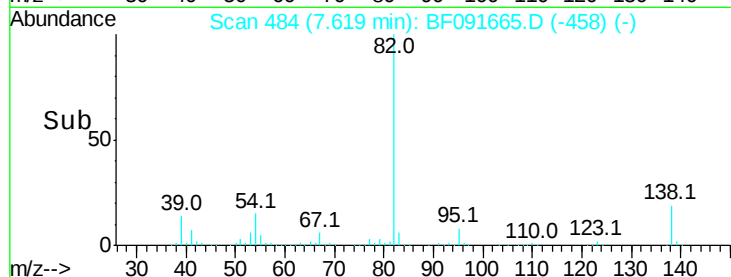
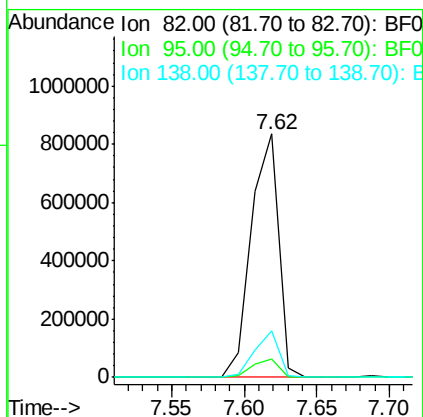
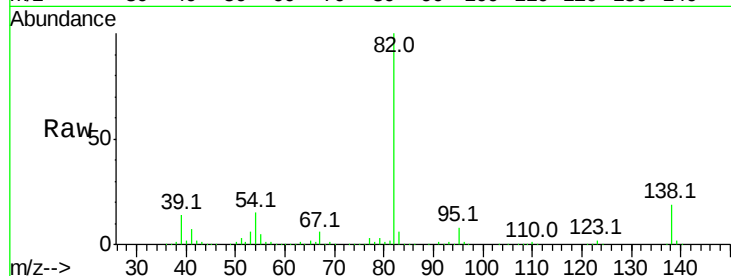
138 18.9 13.4 20.0

Manual Integrations

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#26

2-Nitrophenol

Concen: 41.94 ng

RT: 7.69 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

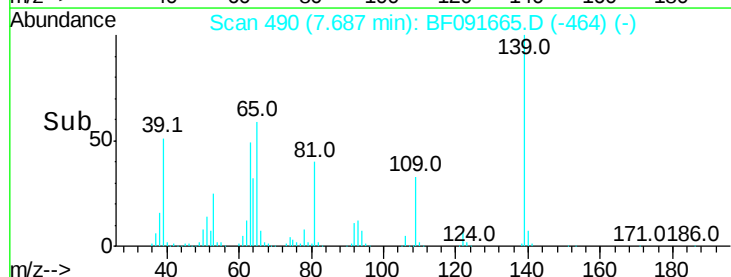
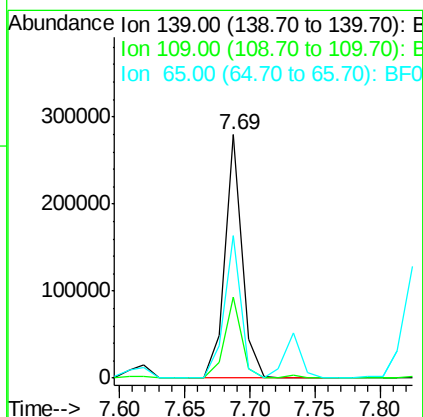
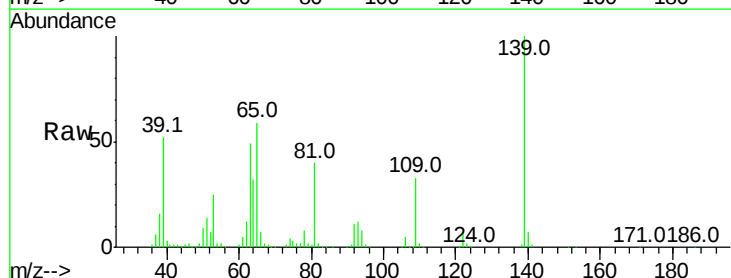
Tgt Ion: 139 Resp: 257816

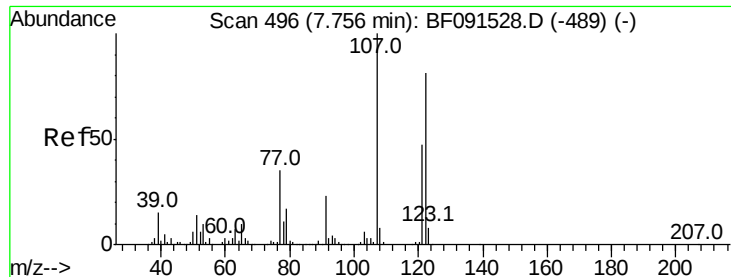
Ion Ratio Lower Upper

139 100

109 33.4 25.3 37.9

65 58.8 55.4 83.2





#27

2,4-Dimethylphenol

Concen: 42.31 ng

RT: 7.73 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Instrument :

BNA_F

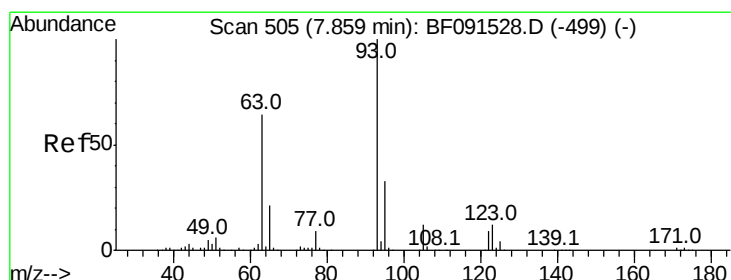
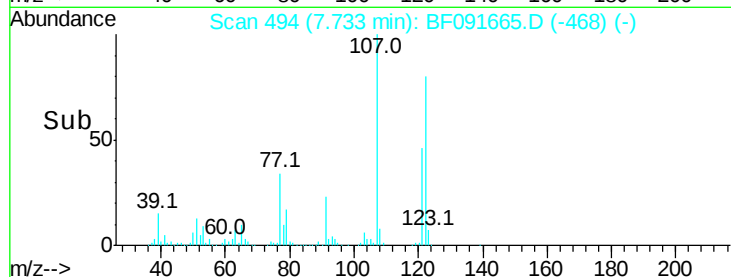
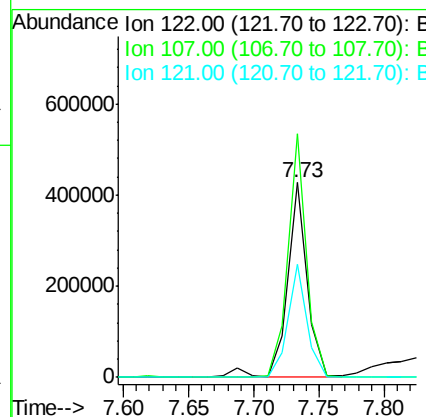
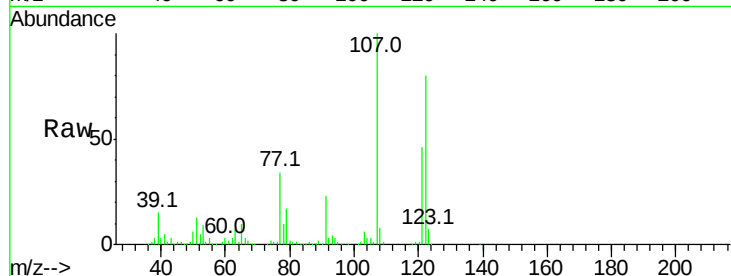
ClientSampleId :

TP20-COMP6MSD

Tot Ion:	122	Resp:	456860
Ion Ratio	Lower	Upper	
122	100		
107	125.1	96.8	145.2
121	58.0	47.7	71.5

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#28

bis(2-Chloroethoxy)methane

Concen: 44.99 ng

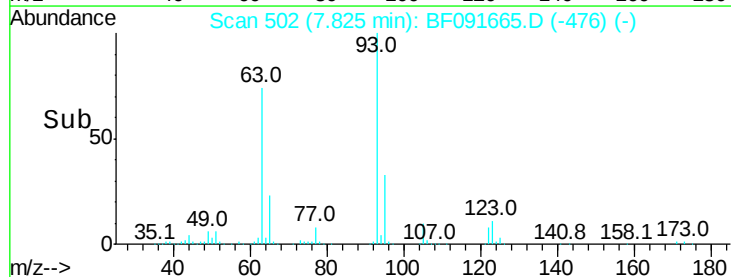
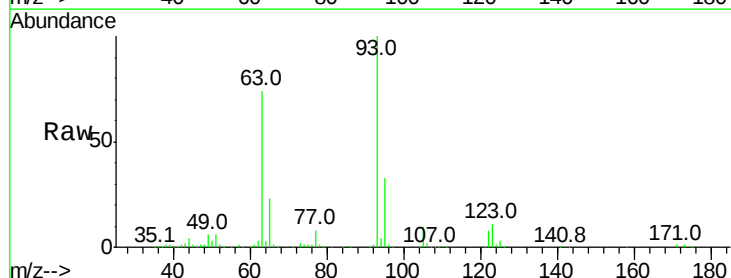
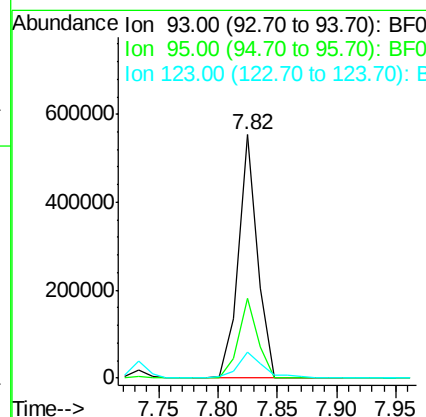
RT: 7.82 min Scan# 502

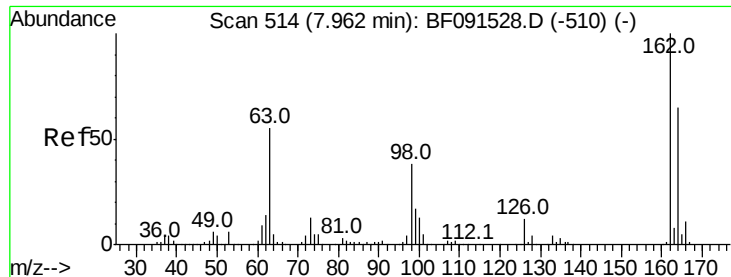
Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Tgt Ion:	93	Resp:	618376
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.0	39.0
123	10.7	8.6	12.8





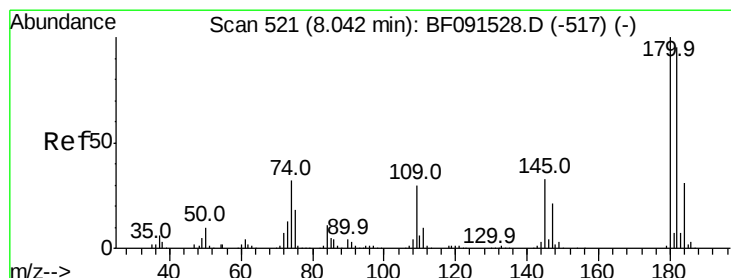
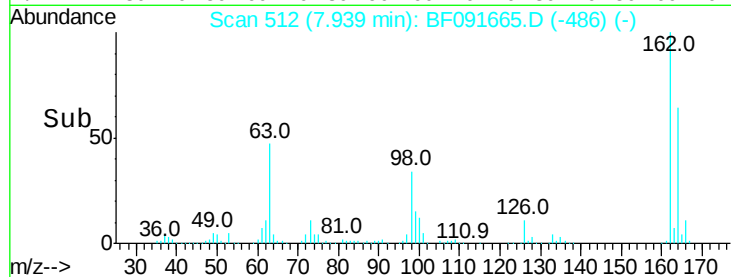
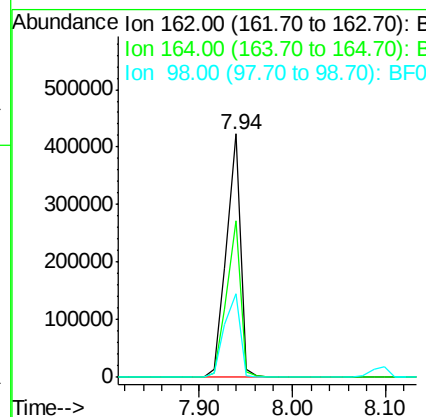
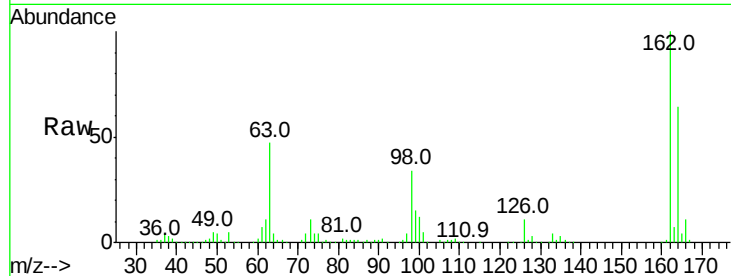
#29
 2,4-Dichlorophenol
 Concen: 47.35 ng
 RT: 7.94 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF091665.D
 Acq: 16 Dec 2016 9:46

Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.5	45.0	85.0
98	34.3	21.3	61.3

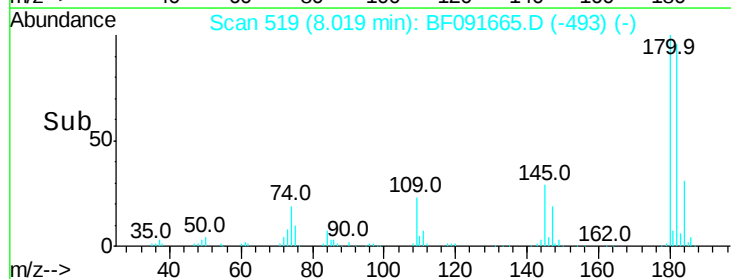
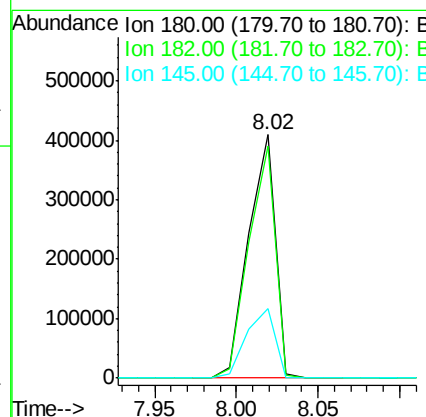
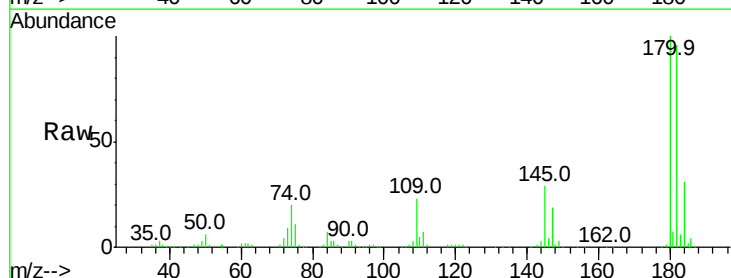
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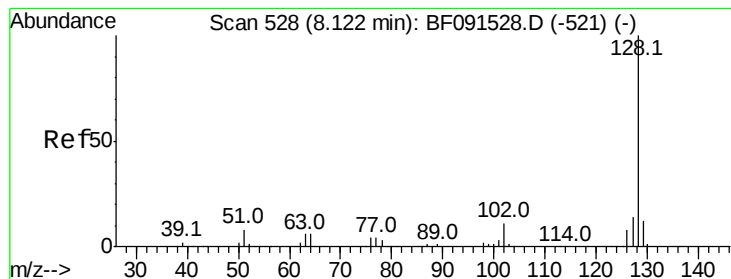
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.55 ng
 RT: 8.02 min Scan# 519
 Delta R.T. 0.00 min
 Lab File: BF091665.D
 Acq: 16 Dec 2016 9:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.5	75.8	113.8
145	28.8	27.0	40.4





#31

Naphthalene

Concen: 43.84 ng

RT: 8.10 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MSD

Tot Ion:128 Resp: 1500812

Ion Ratio Lower Upper

128 100

129 11.1 9.1 13.7

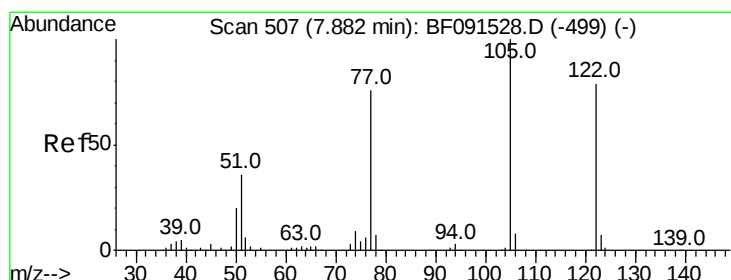
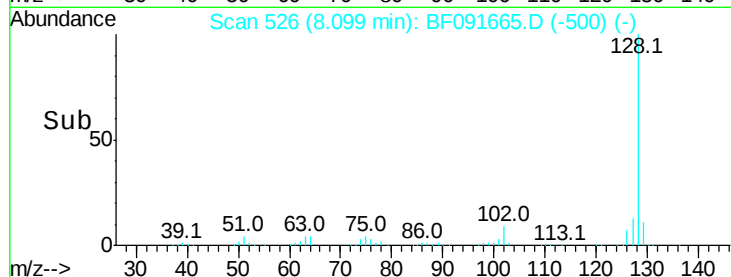
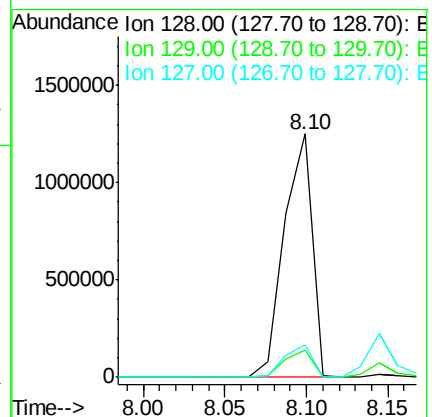
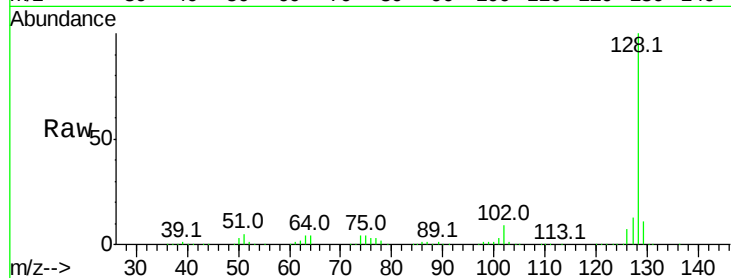
127 13.4 11.0 16.4

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#32

Benzoic acid

Concen: 41.02 ng

RT: 7.86 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

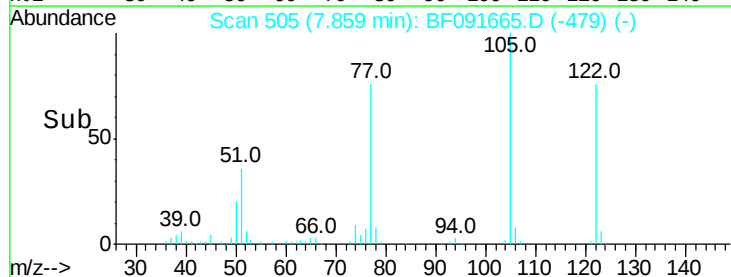
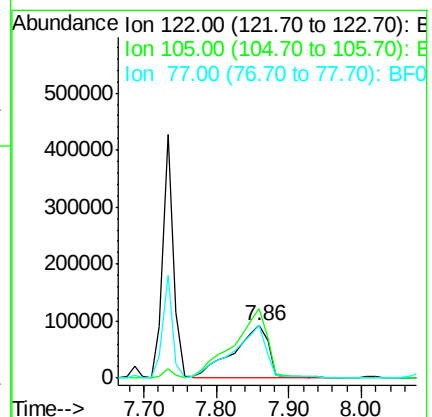
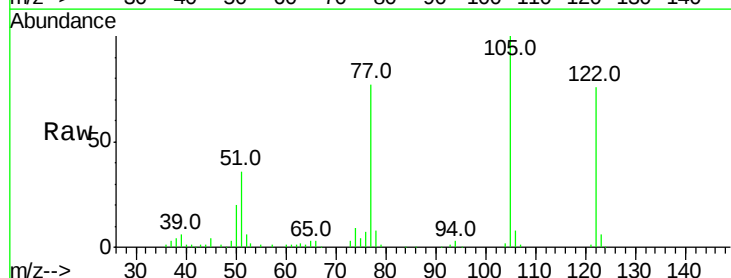
Tgt Ion:122 Resp: 311679

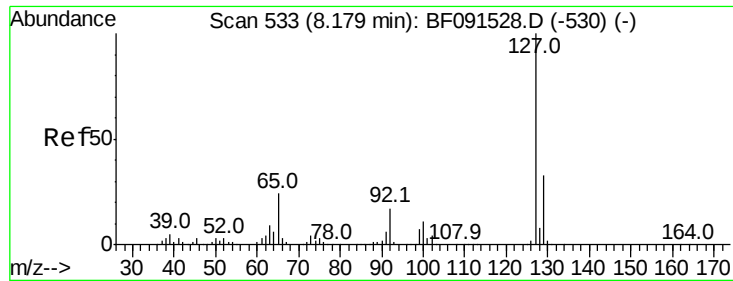
Ion Ratio Lower Upper

122 100

105 131.0 113.0 153.0

77 101.4 82.0 122.0





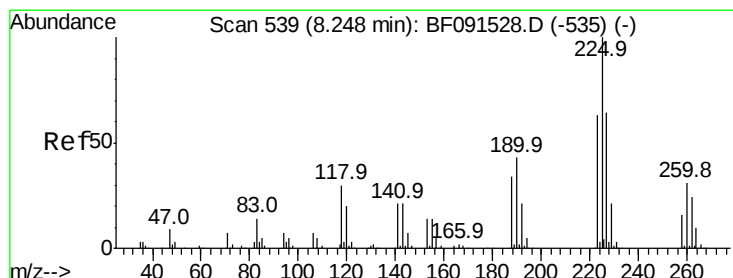
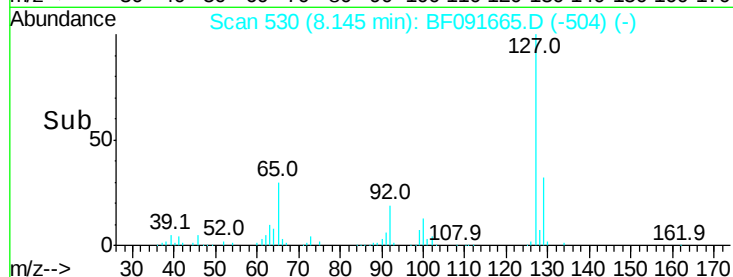
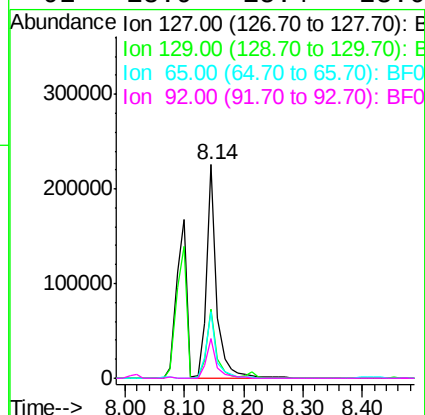
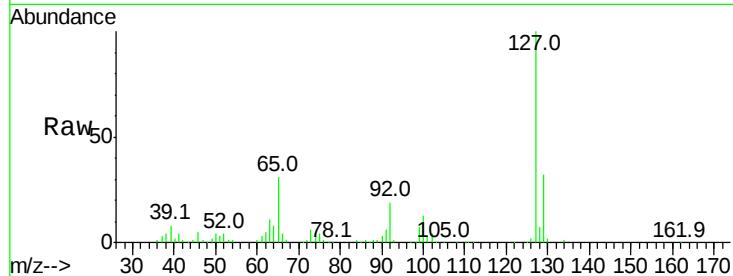
#33
4-Chloroaniline
Concen: 18.62 ng
RT: 8.14 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF091665.D
Acq: 16 Dec 2016 9:46

Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MSD

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.2	26.2	39.4
65	30.9	26.6	39.8
92	18.9	15.4	23.0

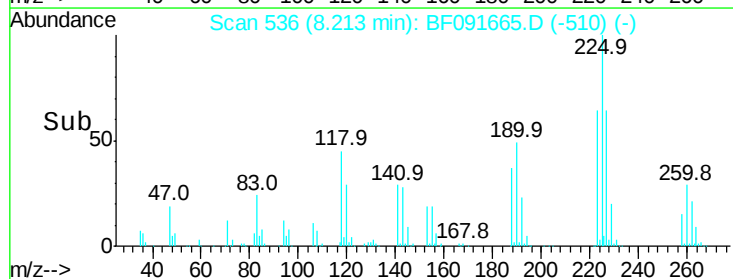
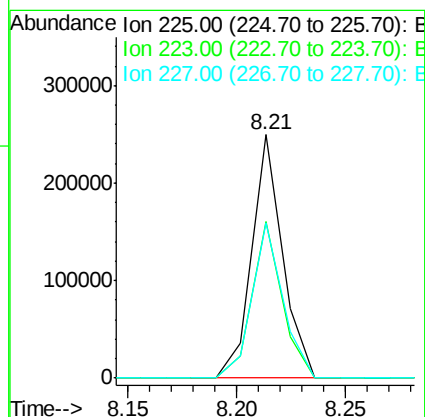
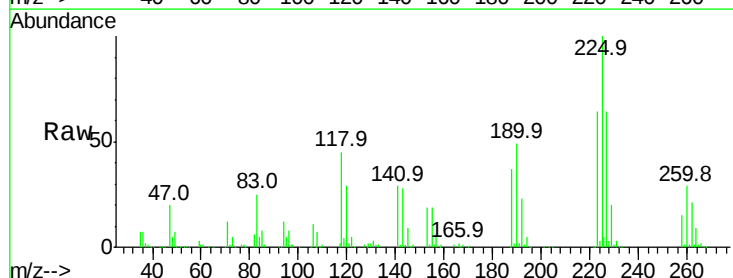
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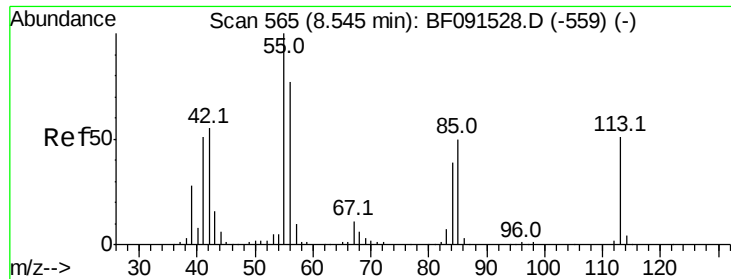
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#34
Hexachlorobutadiene
Concen: 39.90 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF091665.D
Acq: 16 Dec 2016 9:46

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	64.4	49.8	74.6
227	63.9	52.6	79.0





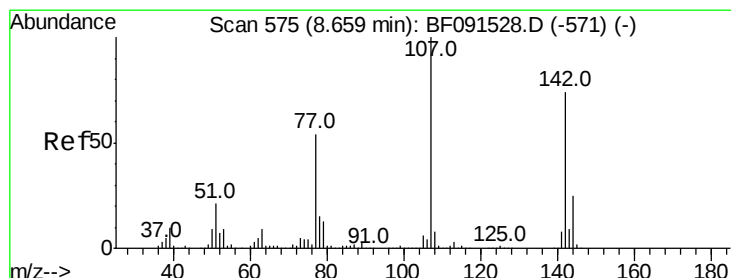
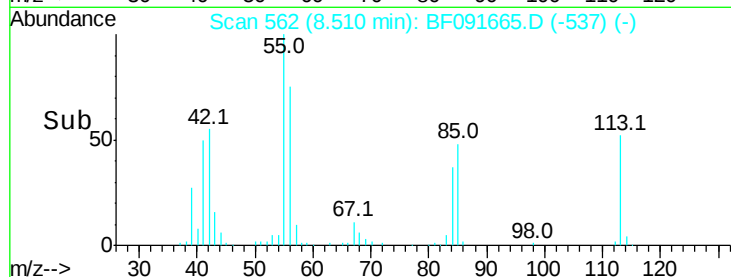
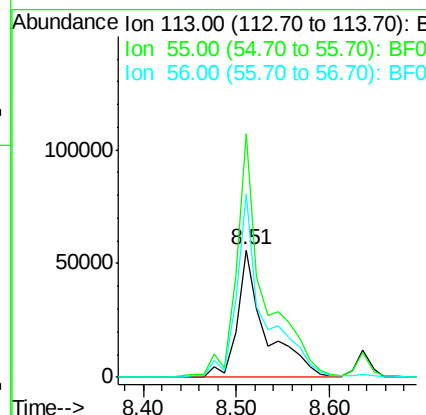
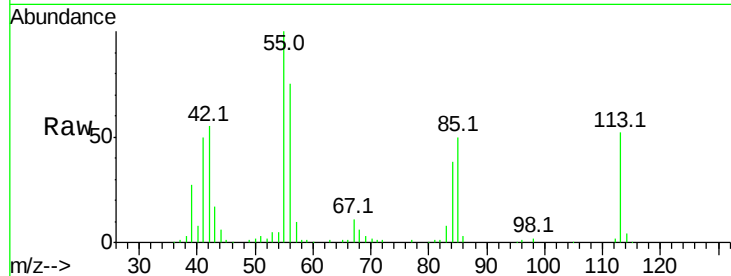
#35
 Caprolactam
 Concen: 43.46 ng
 RT: 8.51 min Scan# 562
 Delta R.T. -0.01 min
 Lab File: BF091665.D
 Acq: 16 Dec 2016 9:46

Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	190.8	239.8	279.8#
56	143.7	165.6	205.6#

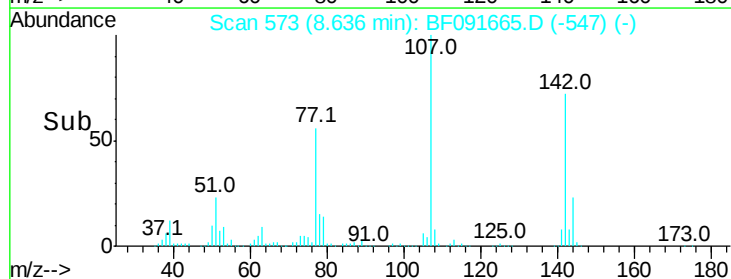
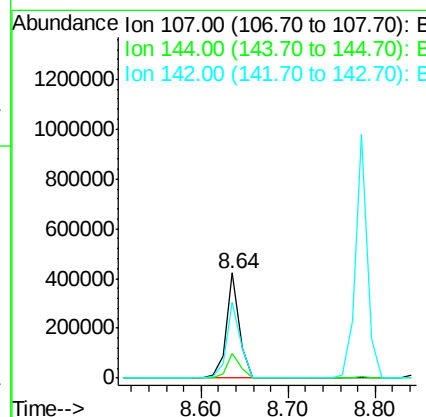
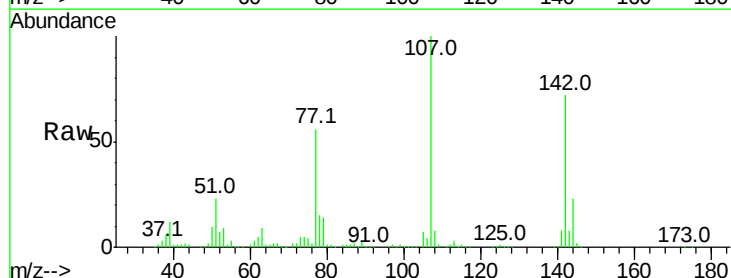
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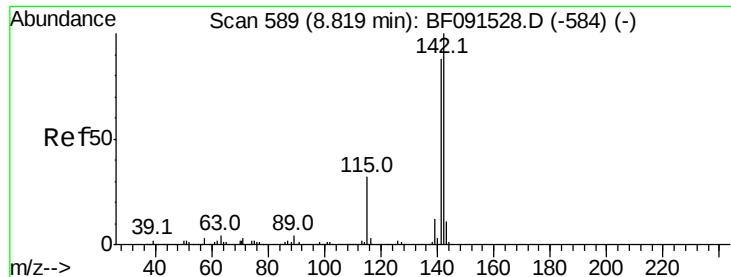
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#36
 4-Chloro-3-methylphenol
 Concen: 42.24 ng
 RT: 8.64 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF091665.D
 Acq: 16 Dec 2016 9:46

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.4	18.9	28.3
142	72.4	58.5	87.7





#37

2-Methylnaphthalene

Concen: 42.55 ng/ml

RT: 8.78 min Scan# 586

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

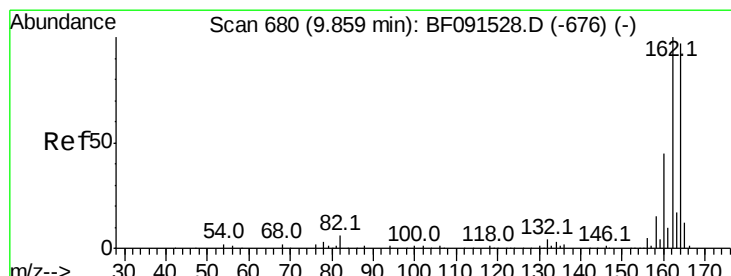
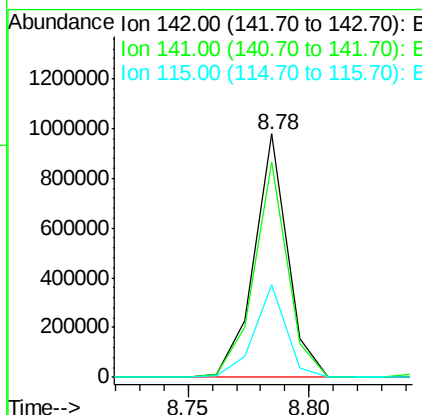
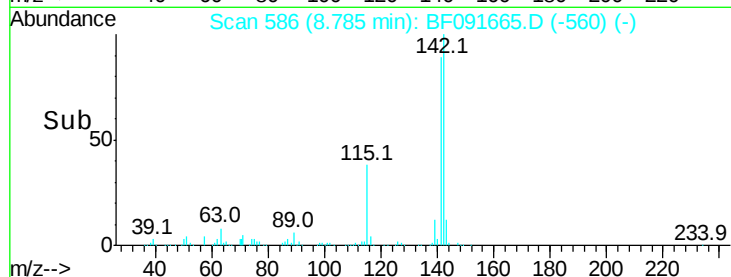
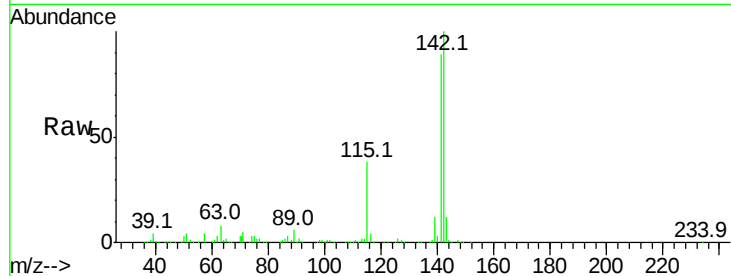
Instrument :
BNA_F

ClientSampleId :
TP20-COMP6MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.7	107.5
115	38.2	25.0	37.6

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#38

Acenaphthene-d10

Concen: 20.00 ng

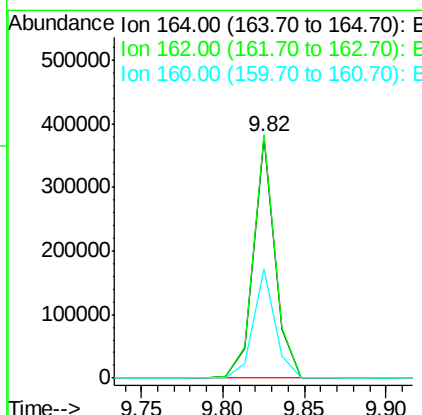
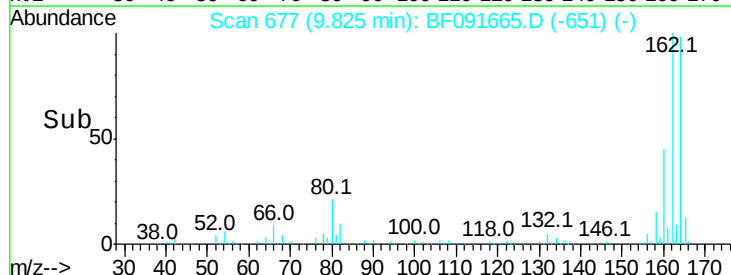
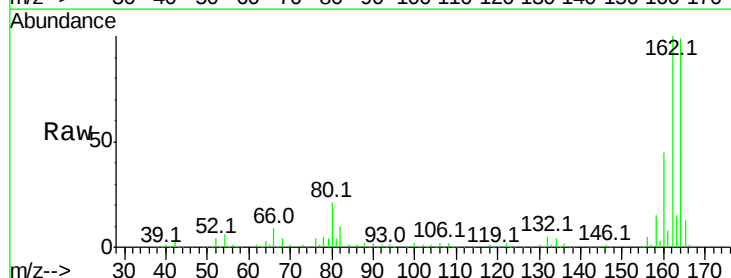
RT: 9.82 min Scan# 677

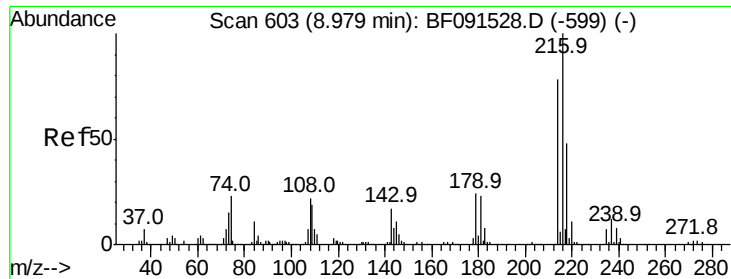
Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.6	124.0
160	45.4	36.7	55.1





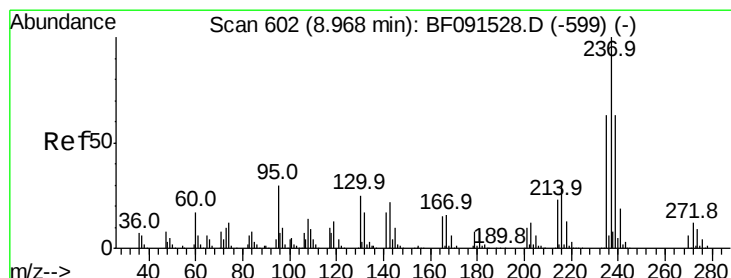
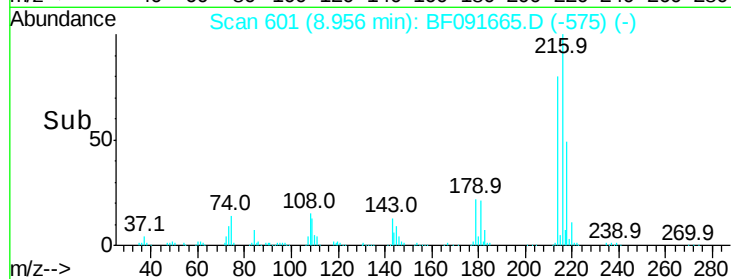
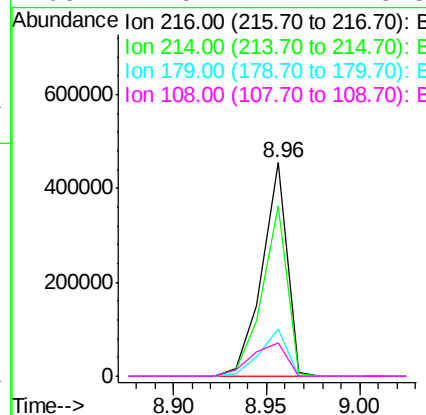
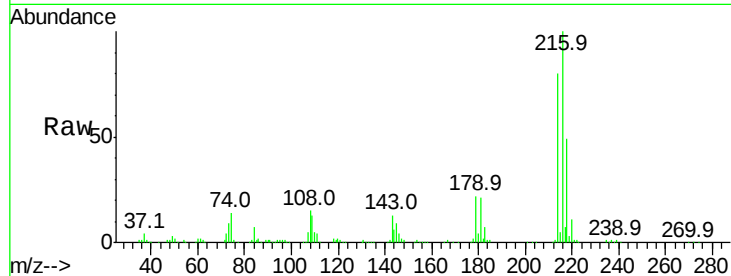
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.11 ng
 RT: 8.96 min Scan# 601
 Delta R.T. 0.00 min
 Lab File: BF091665.D
 Acq: 16 Dec 2016 9:46

Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	431173		
214	79.7	63.8	95.8	
179	23.4	18.2	27.2	
108	21.5	17.2	25.8	

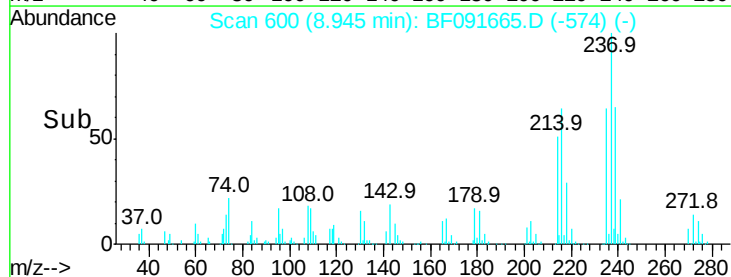
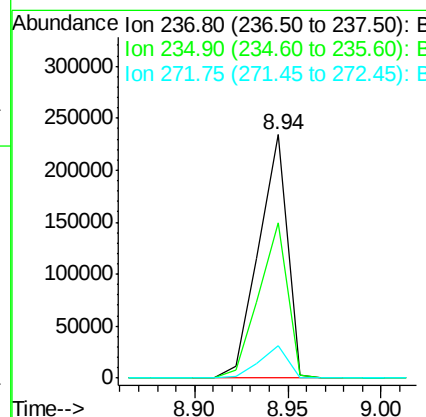
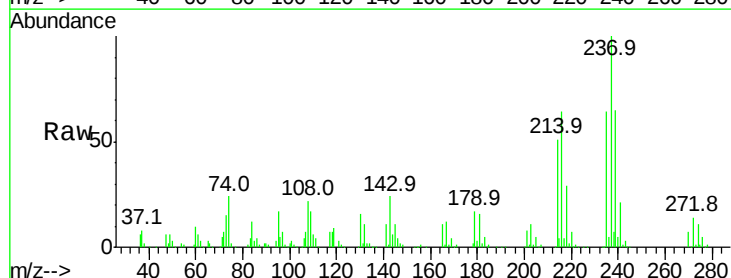
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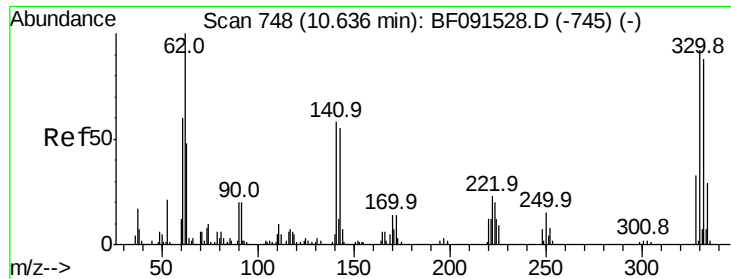
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#40
 Hexachlorocyclopentadiene
 Concen: 58.55 ng
 RT: 8.94 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF091665.D
 Acq: 16 Dec 2016 9:46

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	249529		
235	64.0	43.9	83.9	
272	13.5	0.0	33.1	





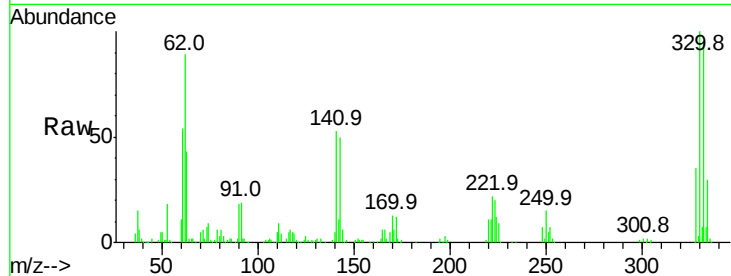
#41
 2,4,6-Tribromophenol
 Concen: 123.63 ng
 RT: 10.61 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF091665.D
 Acq: 16 Dec 2016 9:46

Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6MSD

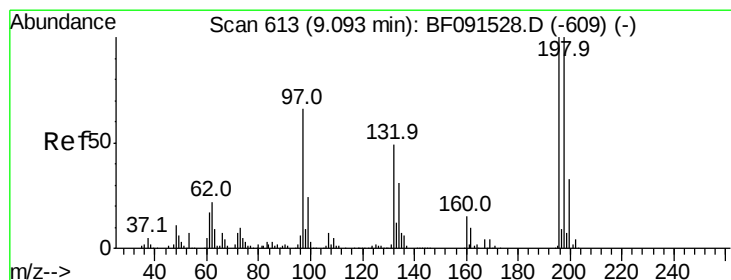
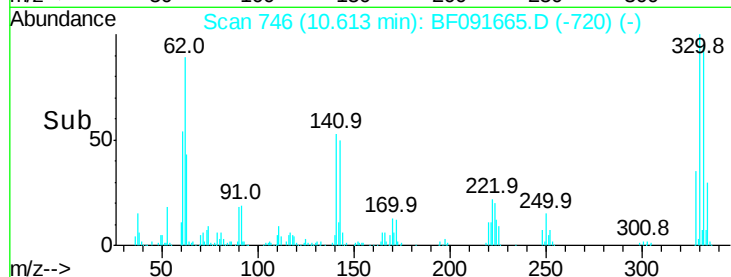
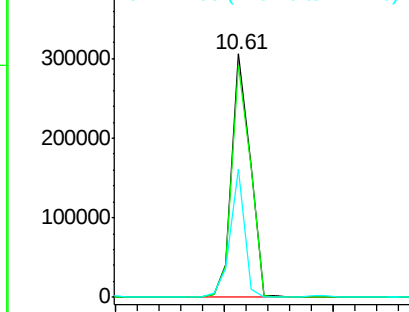
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.7	76.2	114.4	
141	40.9	33.6	50.4	

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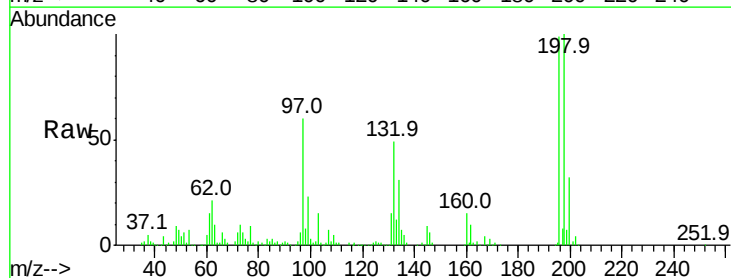


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

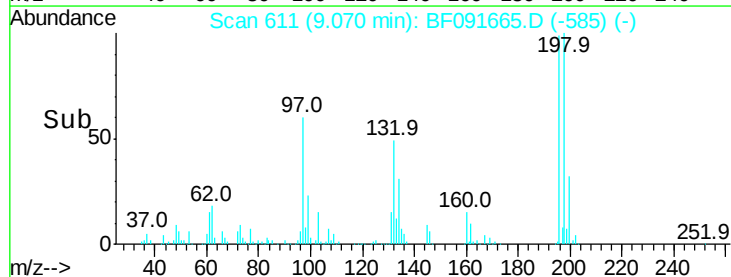
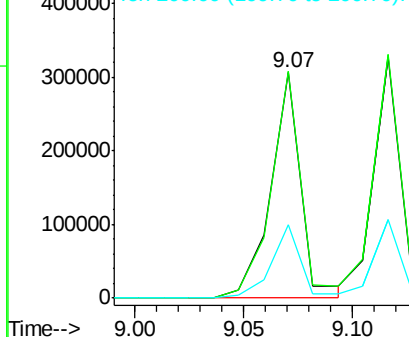


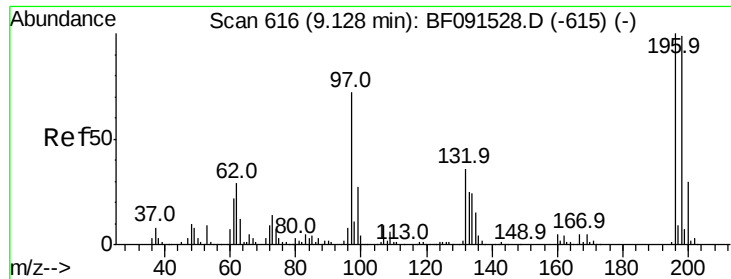
#42
 2,4,6-Trichlorophenol
 Concen: 48.58 ng
 RT: 9.07 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF091665.D
 Acq: 16 Dec 2016 9:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	100.8	77.4	116.0	
200	32.7	25.2	37.8	



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





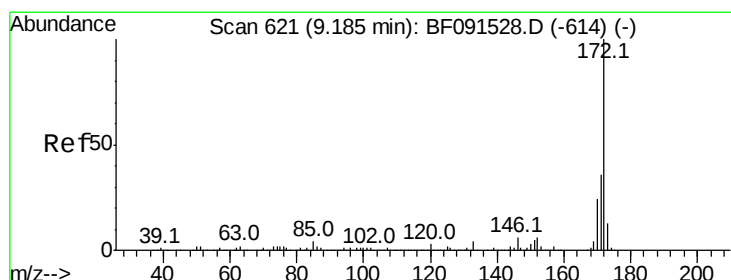
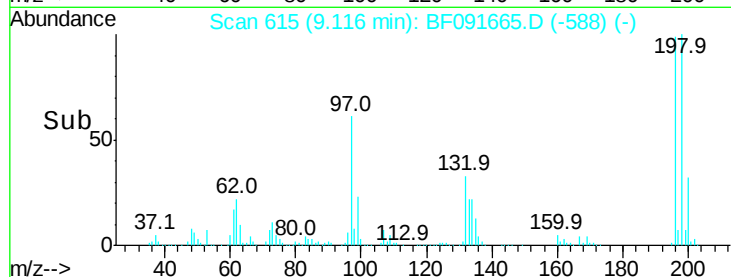
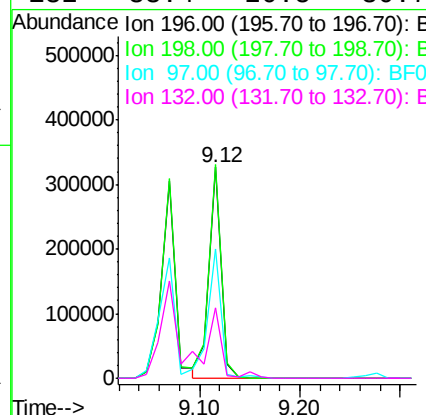
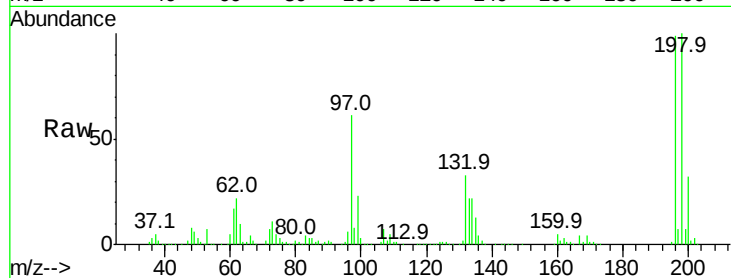
#43
 2,4,5-Trichlorophenol
 Concen: 44.06 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.01 min
 Lab File: BF091665.D
 Acq: 16 Dec 2016 9:46

Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	101.2	77.0	115.6	
97	61.5	33.5	50.3	
132	33.4	20.5	30.7	

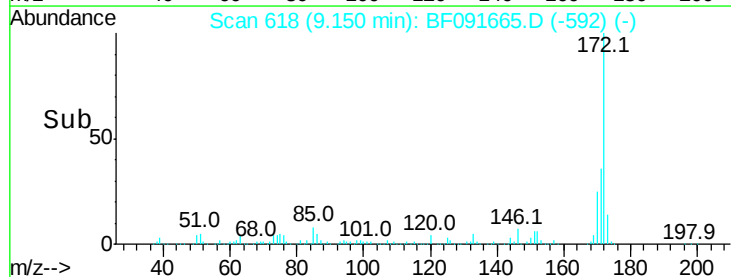
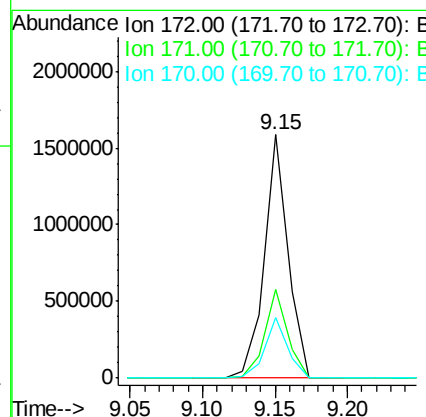
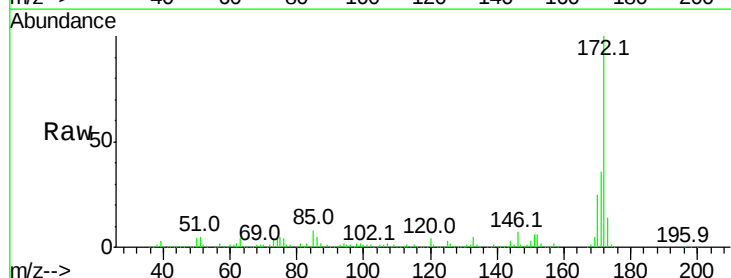
Manual Integrations
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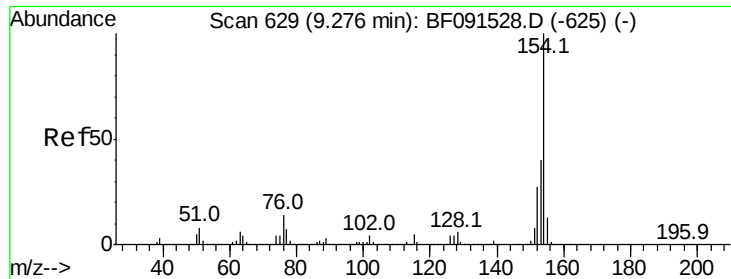
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#44
 2-Fluorobiphenyl
 Concen: 88.60 ng
 RT: 9.15 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF091665.D
 Acq: 16 Dec 2016 9:46

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.2	29.4	44.0	
170	24.6	19.7	29.5	





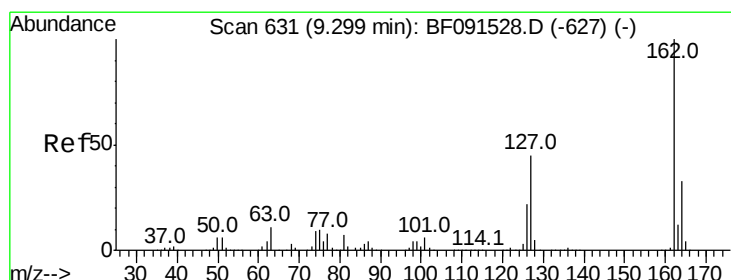
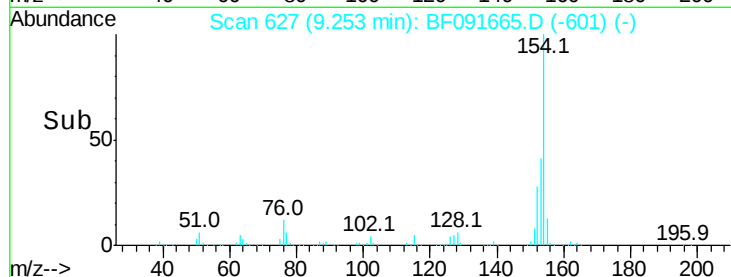
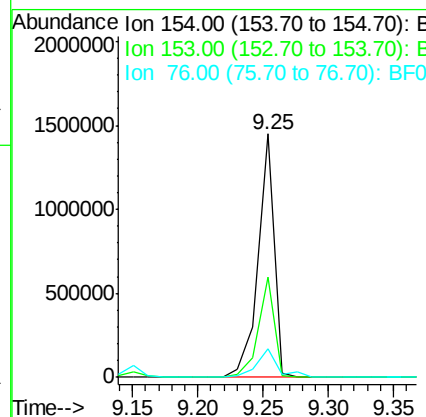
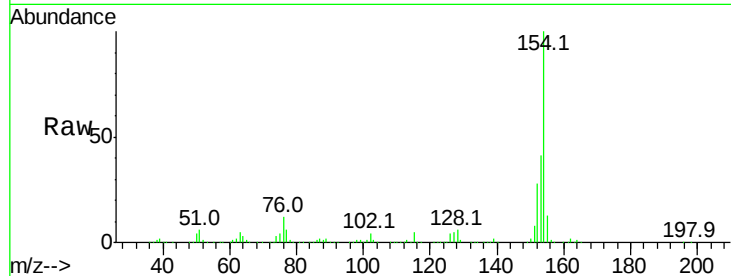
#45
1,1'-Biphenyl
Concen: 49.67 ng
RT: 9.25 min Scan# 627
Delta R.T. 0.00 min
Lab File: BF091665.D
Acq: 16 Dec 2016 9:46

Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.6	60.6
76	11.7	0.0	36.6

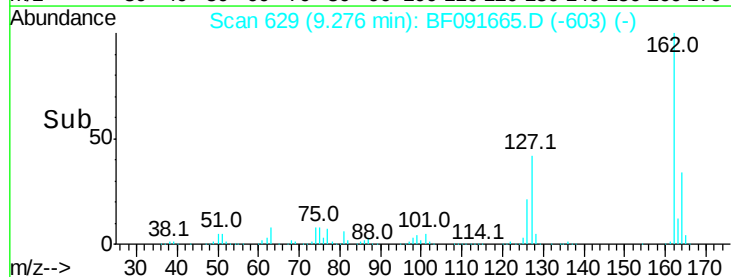
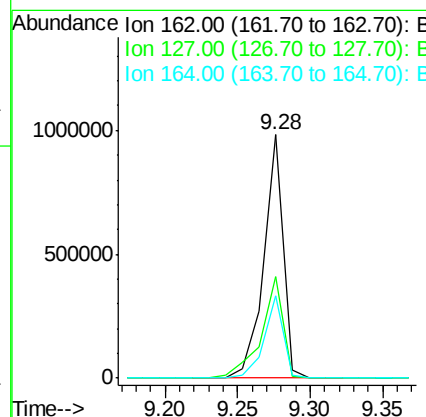
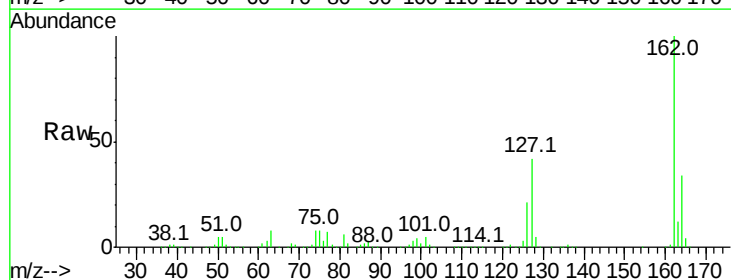
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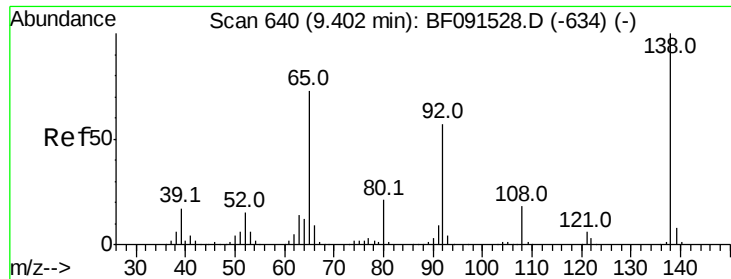
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#46
2-Chloronaphthalene
Concen: 46.31 ng
RT: 9.28 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF091665.D
Acq: 16 Dec 2016 9:46

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.7	34.3	51.5
164	34.0	26.6	40.0





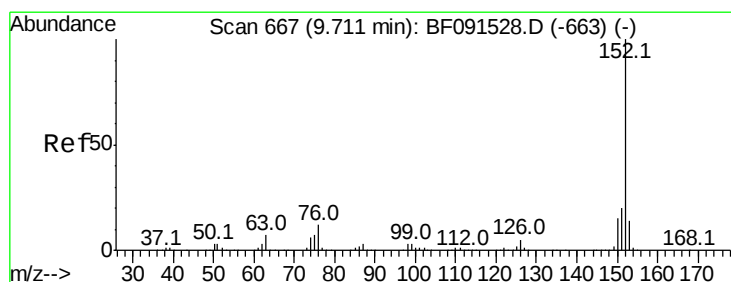
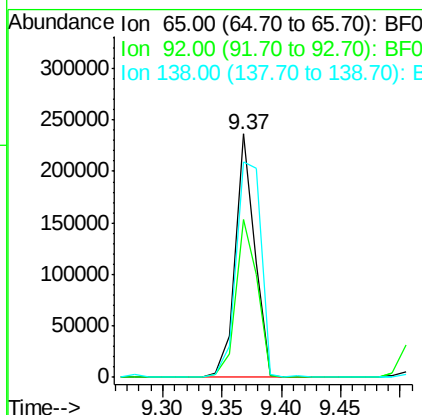
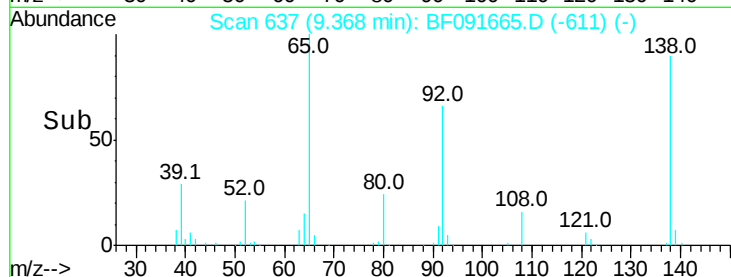
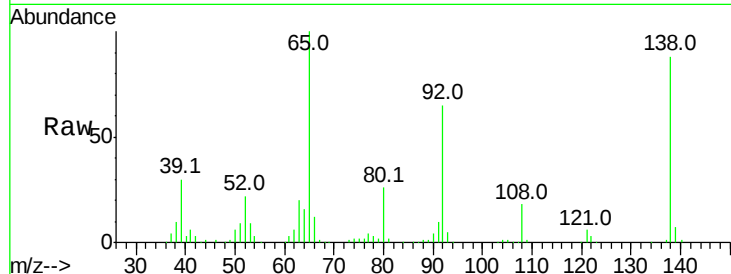
#47
2-Nitroaniline
Concen: 41.20 ng
RT: 9.37 min Scan# 637
Delta R.T. 0.00 min
Lab File: BF091665.D
Acq: 16 Dec 2016 9:46

Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.7	53.6	80.4
138	88.4	91.0	136.6

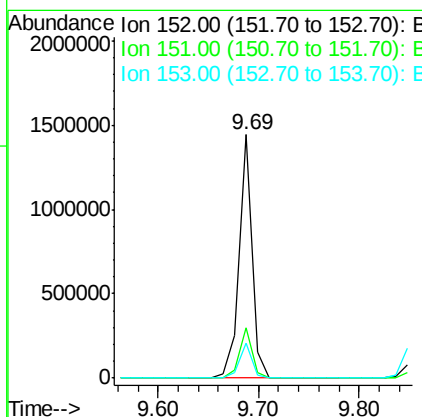
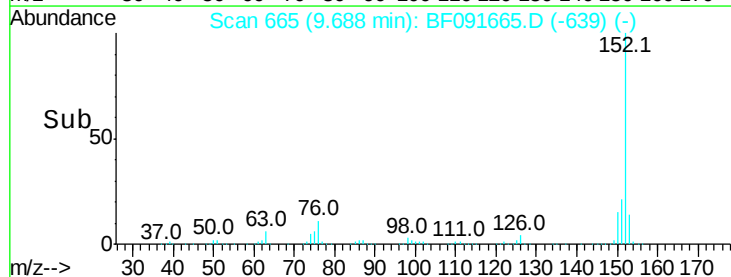
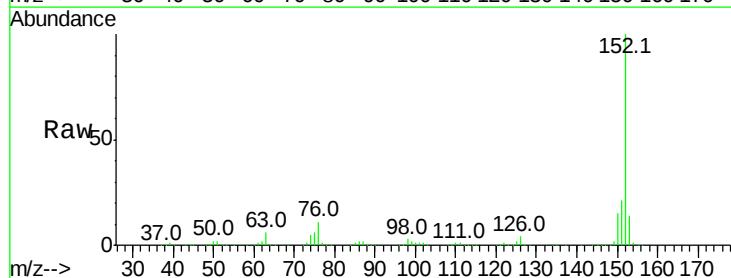
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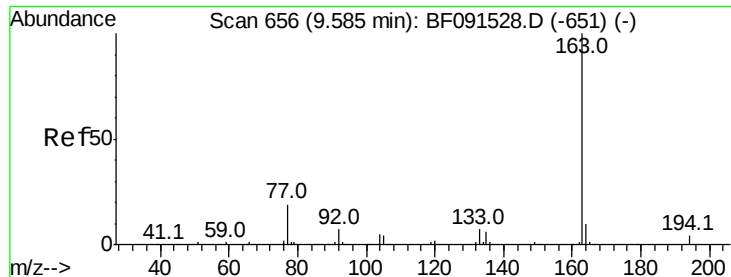
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#48
Acenaphthylene
Concen: 43.49 ng
RT: 9.69 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF091665.D
Acq: 16 Dec 2016 9:46

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.6	24.8
153	14.1	10.7	16.1





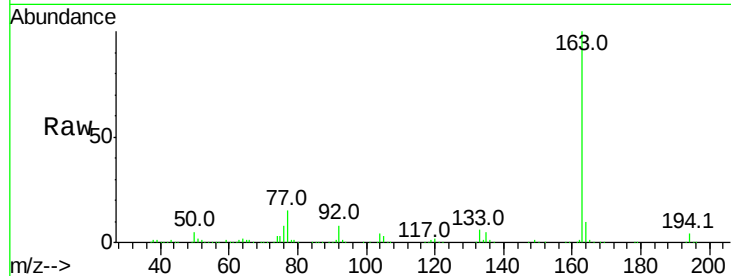
#49
Dimethylphthalate
Concen: 50.69 ng
RT: 9.56 min Scan# 654
Delta R.T. 0.00 min
Lab File: BF091665.D
Acq: 16 Dec 2016 9:46

Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MSD

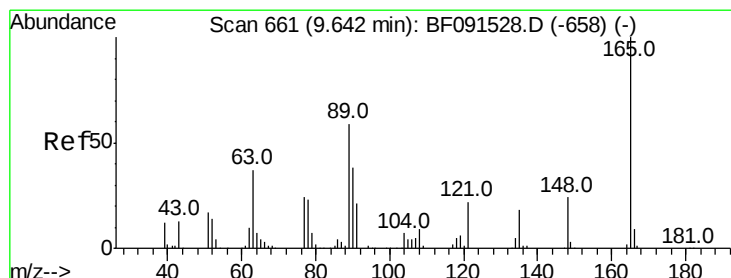
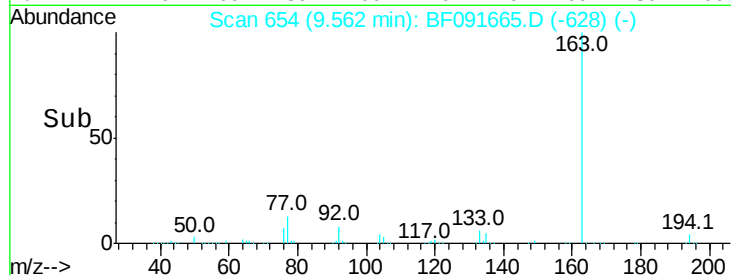
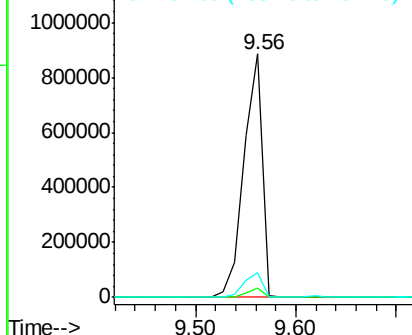
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.4
164	9.9	7.8	11.8

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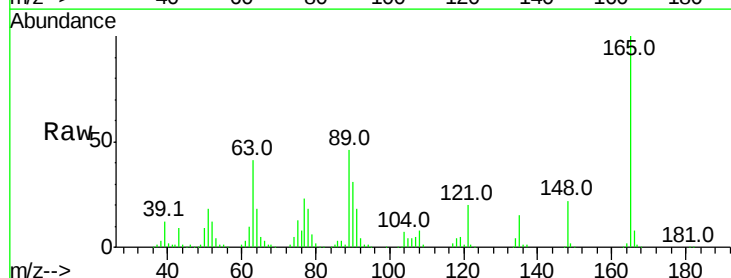


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

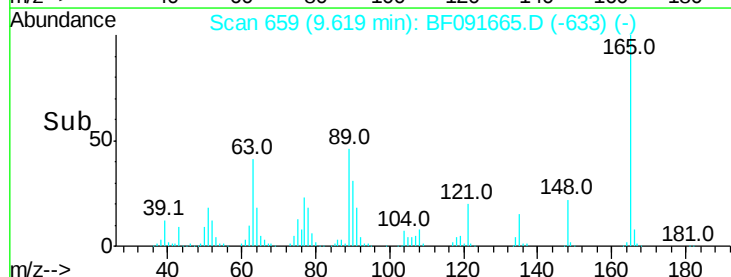
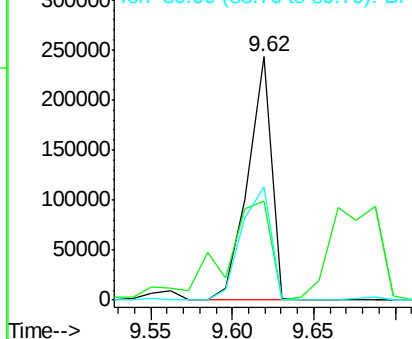


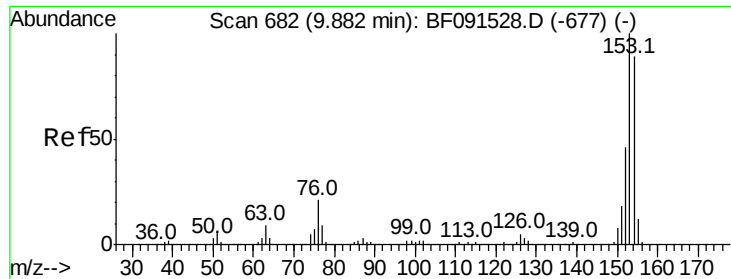
#50
2,6-Dinitrotoluene
Concen: 50.68 ng
RT: 9.62 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF091665.D
Acq: 16 Dec 2016 9:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.8	59.4	89.0#
89	46.4	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: 41.97 ng

RT: 9.86 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Instrument :

BNA_F

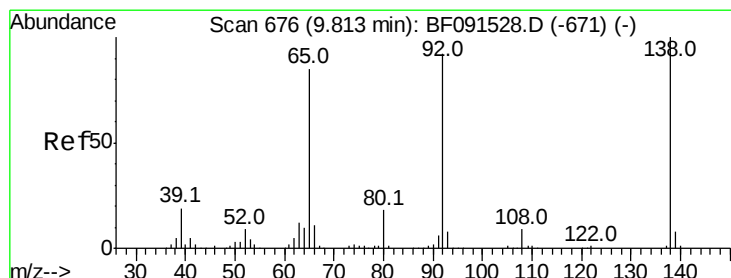
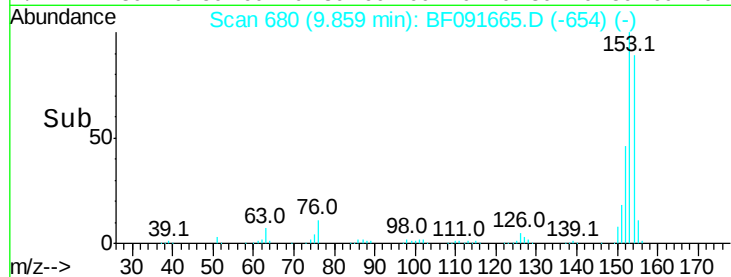
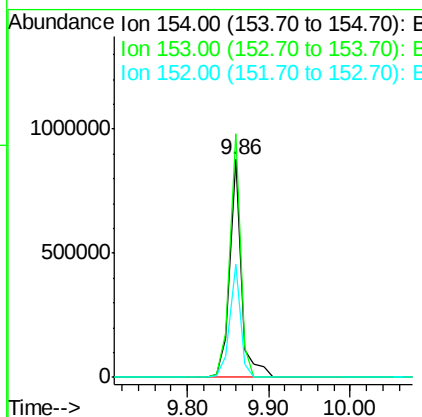
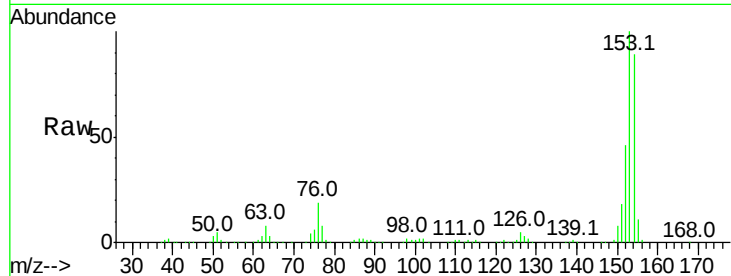
ClientSampleId :

TP20-COMP6MSD

Tot Ion:	154	Resp:	868616
Ion Ratio	Lower	Upper	
154	100		
153	111.7	91.0	136.6
152	51.9	44.2	66.2

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#52

3-Nitroaniline

Concen: 28.08 ng

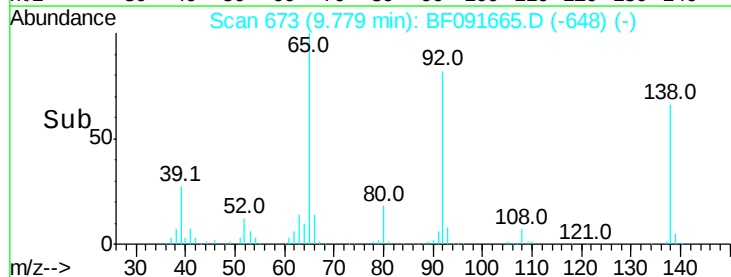
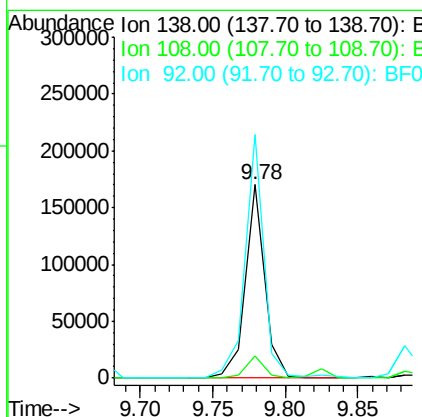
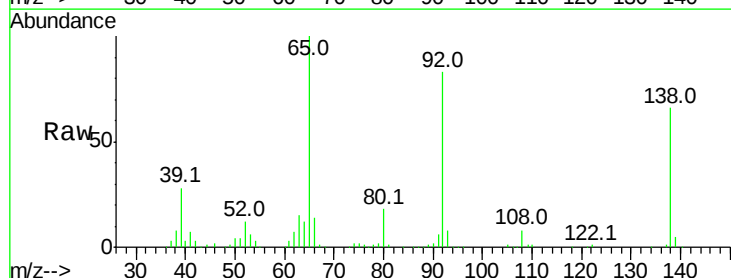
RT: 9.78 min Scan# 673

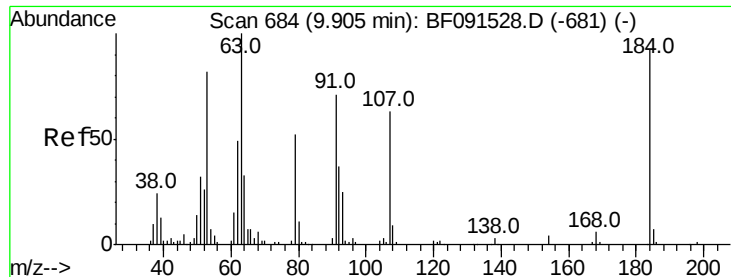
Delta R.T. -0.01 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Tgt Ion:	138	Resp:	159765
Ion Ratio	Lower	Upper	
138	100		
108	11.4	8.1	12.1
92	126.0	92.5	138.7





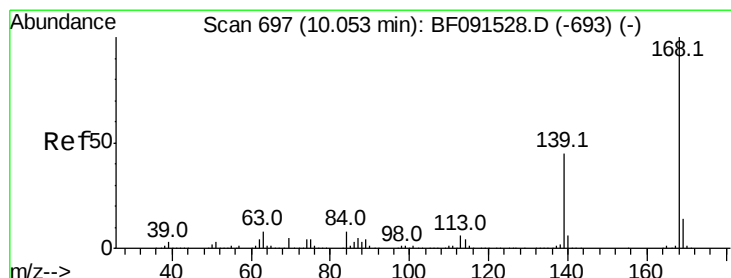
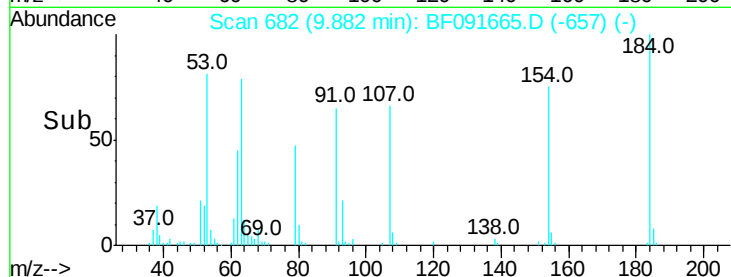
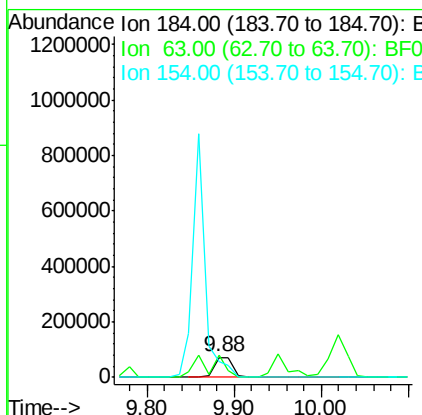
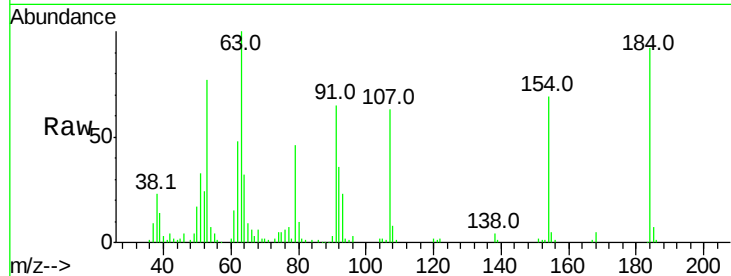
#53
2,4-Dinitrophenol
Concen: 48.19 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF091665.D
Acq: 16 Dec 2016 9:46

Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	109.0	58.3	87.5#
154	75.3	48.6	73.0#

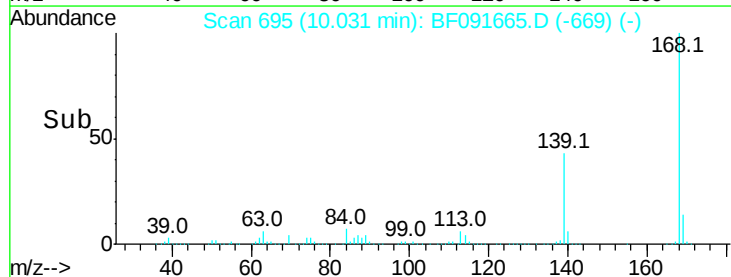
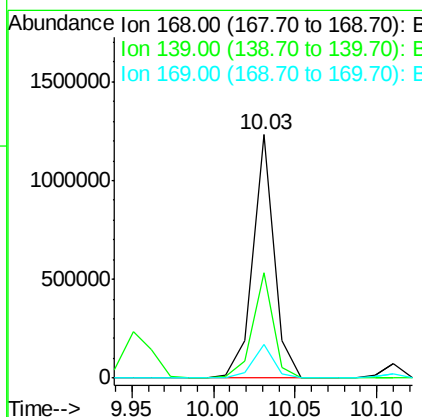
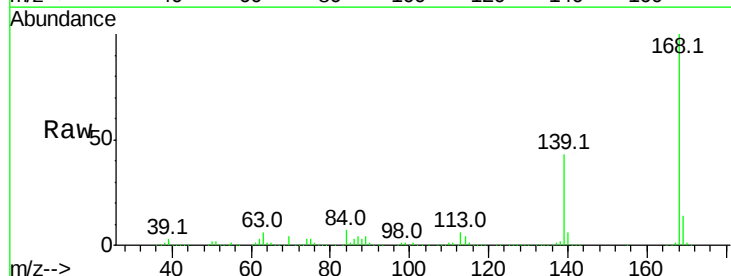
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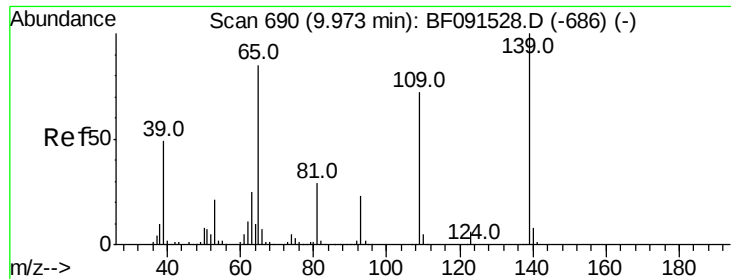
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#54
Dibenzofuran
Concen: 43.64 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF091665.D
Acq: 16 Dec 2016 9:46

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.2	33.4	50.2
169	14.0	11.1	16.7





#55

4-Nitrophenol

Concen: 70.23 ng

RT: 9.95 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MSD

Tot Ion:139 Resp: 297269

Ion Ratio Lower Upper

139 100

109 82.1 54.9 94.9

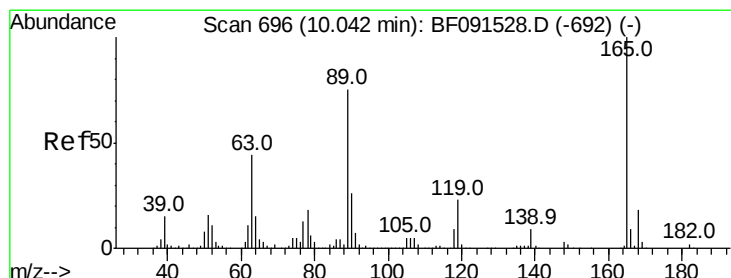
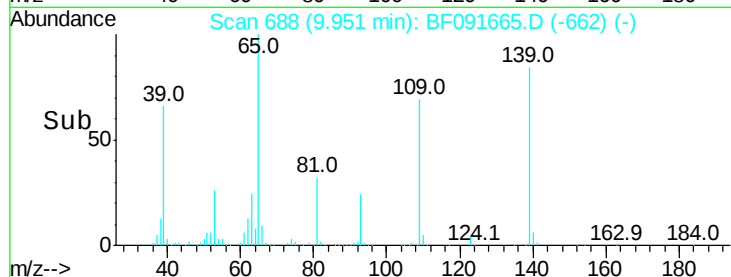
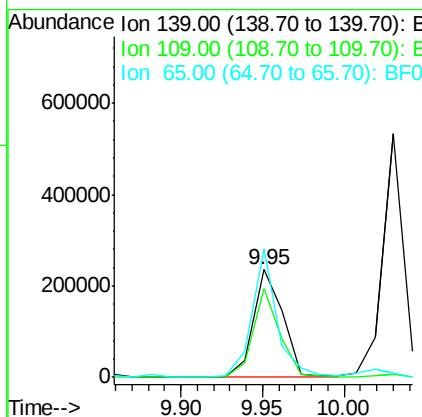
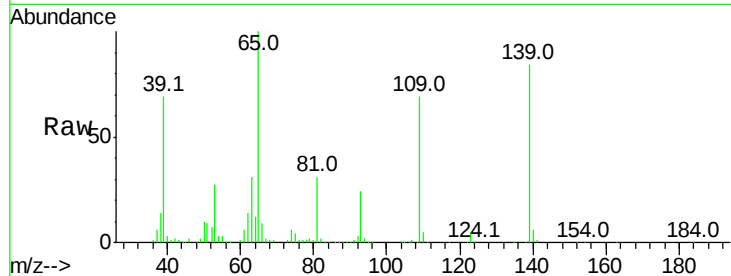
65 119.3 102.2 142.2

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12/16/2016 6:22:38 PM



#56

2,4-Dinitrotoluene

Concen: 50.68 ng

RT: 10.02 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Tgt Ion:165 Resp: 307655

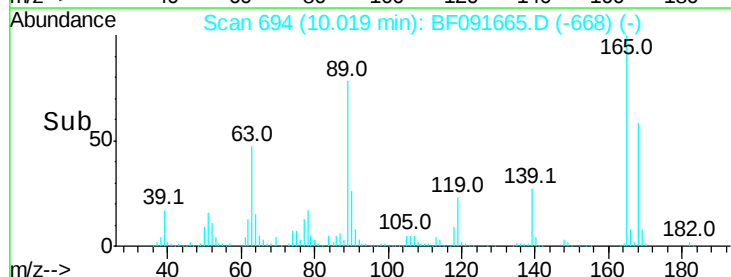
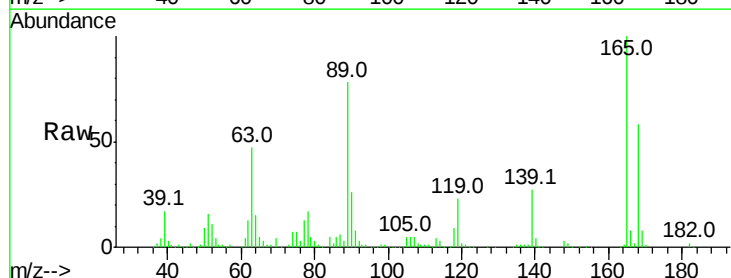
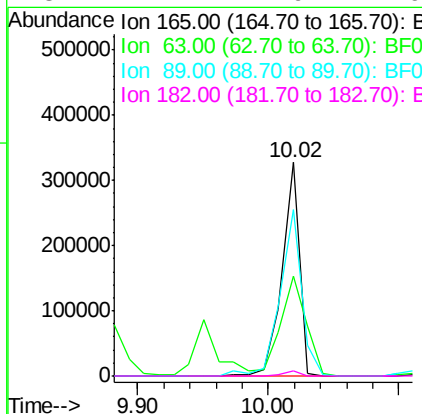
Ion Ratio Lower Upper

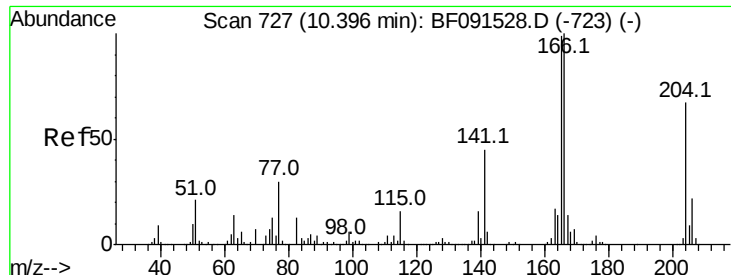
165 100

63 47.0 29.0 43.4#

89 77.7 43.1 64.7#

182 2.1 1.9 2.9





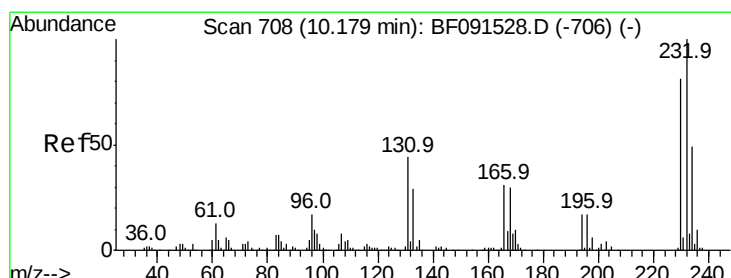
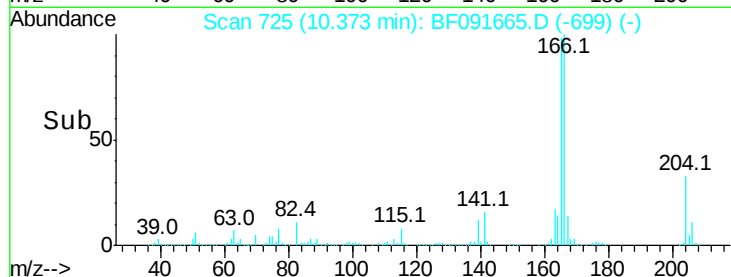
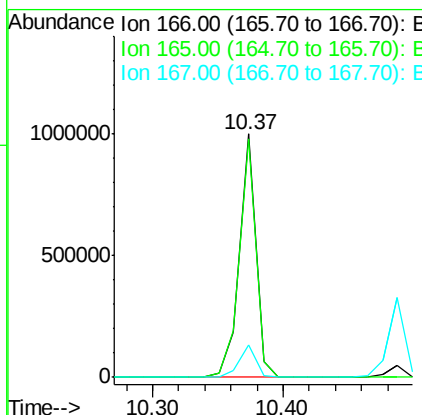
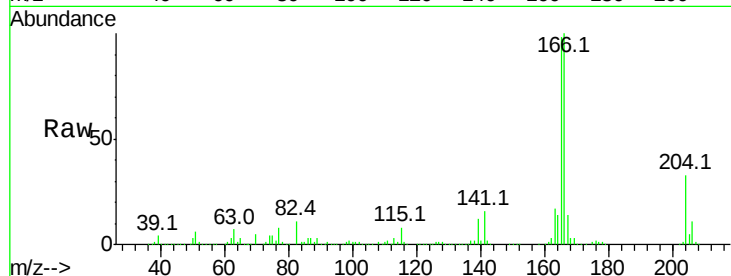
#57
Fluorene
 Concen: 48.07 ng
 RT: 10.37 min Scan# 725
 Delta R.T. 0.00 min
 Lab File: BF091665.D
 Acq: 16 Dec 2016 9:46

Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	873369		
165	97.9		80.0	120.0
167	13.5		10.8	16.2

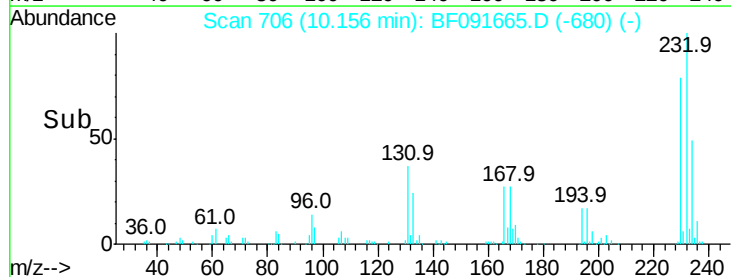
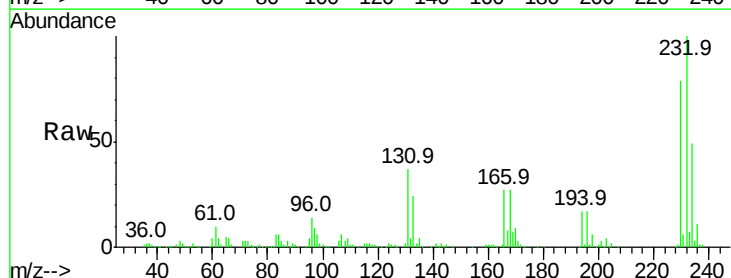
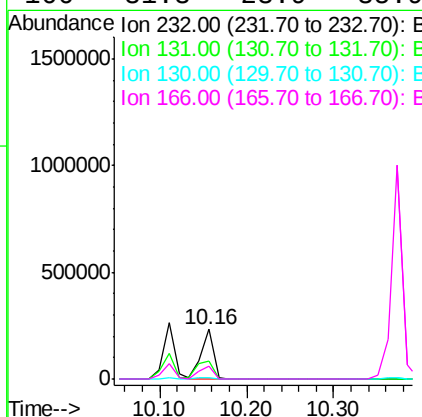
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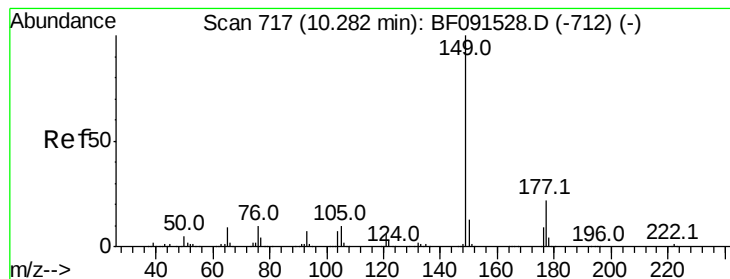
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 46.19 ng
 RT: 10.16 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BF091665.D
 Acq: 16 Dec 2016 9:46

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	228227		
131	49.0		38.4	57.6
130	2.5		1.8	2.8
166	31.3		23.9	35.9





#59

Diethylphthalate

Concen: 51.31 ng

RT: 10.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MSD

Tot Ion:149 Resp: 1090326

Ion Ratio Lower Upper

149 100

177 23.3 15.7 23.5

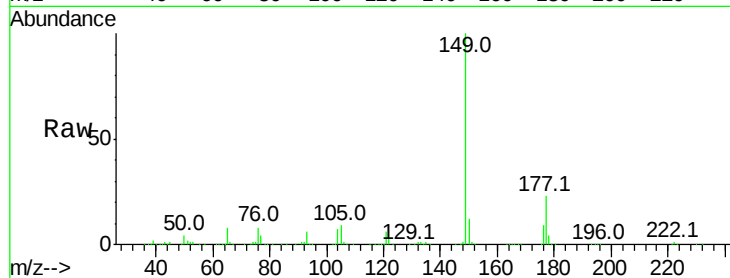
150 12.5 10.2 15.2

Manual Integrations

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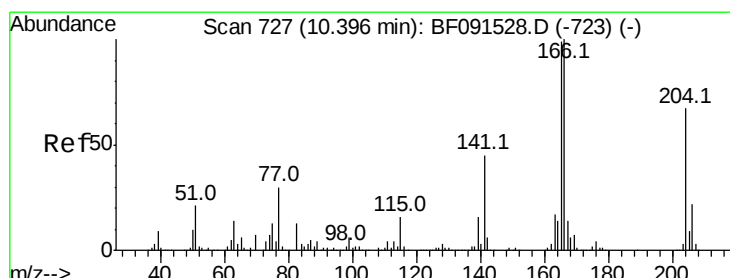
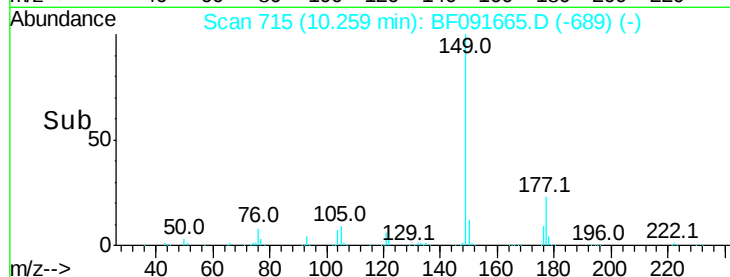
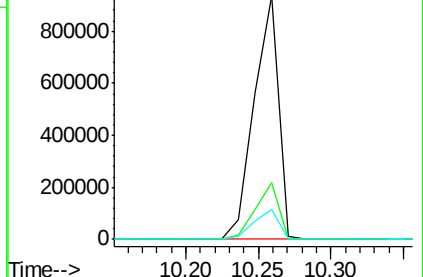
12/16/2016 6:22:38 PM



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: 43.96 ng

RT: 10.37 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

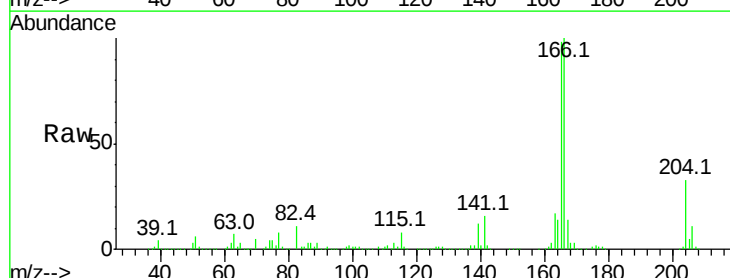
Tgt Ion:204 Resp: 404756

Ion Ratio Lower Upper

204 100

206 33.0 26.1 39.1

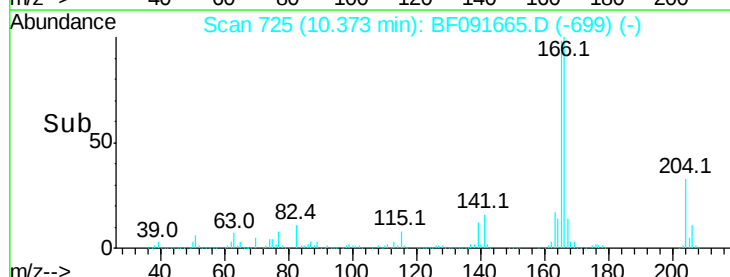
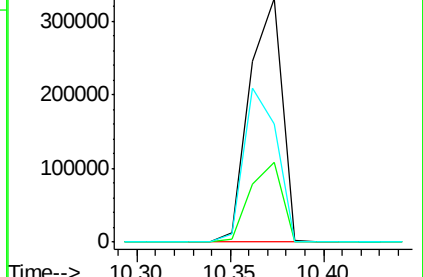
141 48.4 40.6 61.0

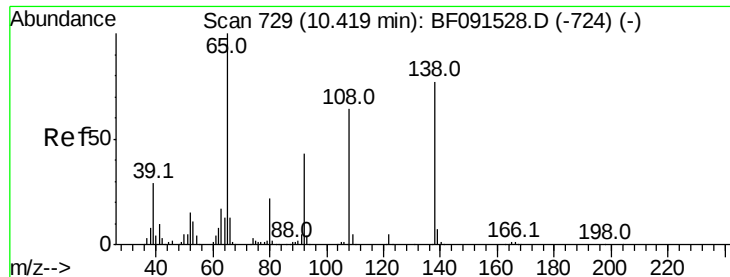


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





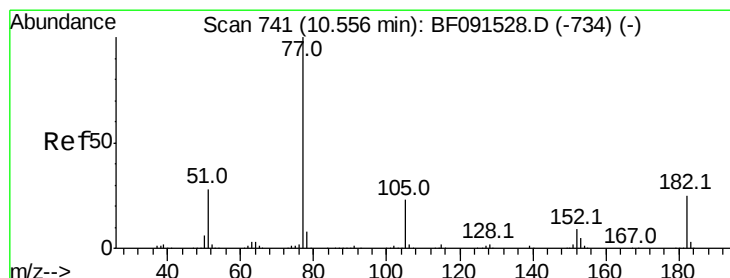
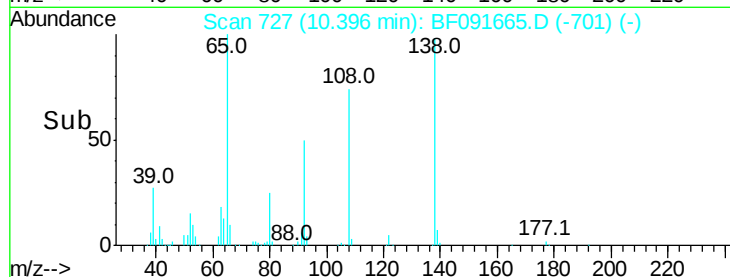
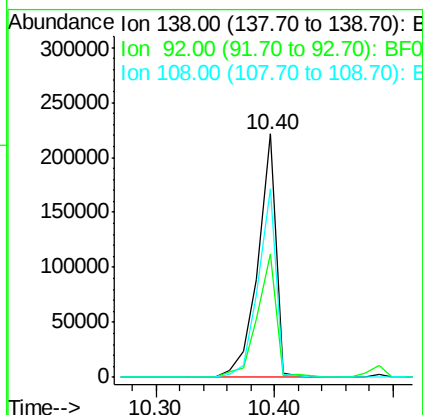
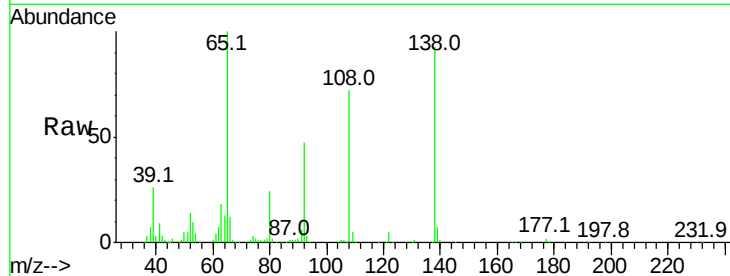
#61
4-Nitroaniline
Concen: 42.14 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF091665.D
Acq: 16 Dec 2016 9:46

Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.7	26.9	66.9
108	77.3	49.1	89.1

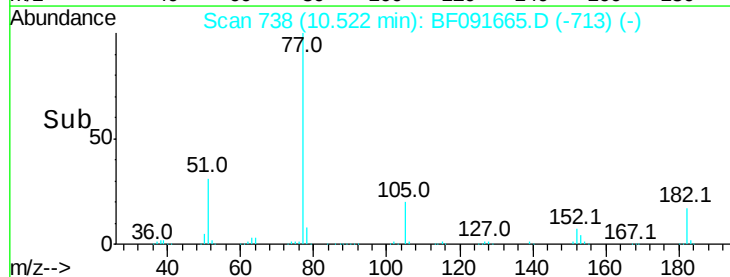
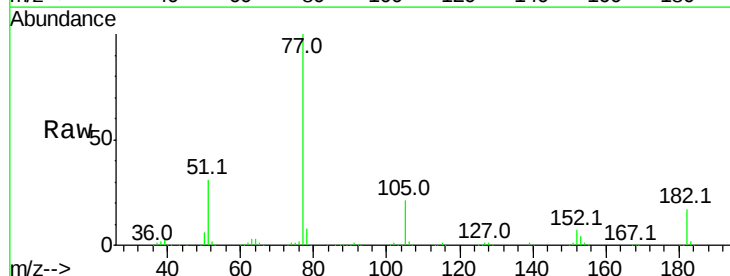
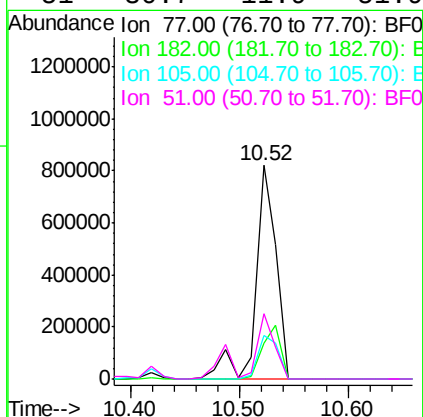
Manual Integrations
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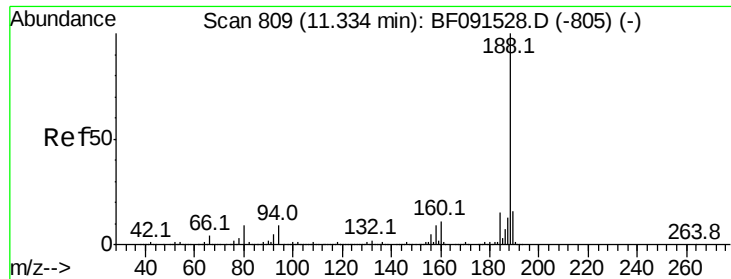
UMANGI
12/16/2016 6:22:38 PM



#62
Azobenzene
Concen: 44.91 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF091665.D
Acq: 16 Dec 2016 9:46

Tgt Ion	Ratio	Lower	Upper
77	100		
182	16.8	12.5	52.5
105	20.7	3.7	43.7
51	30.7	11.9	51.9





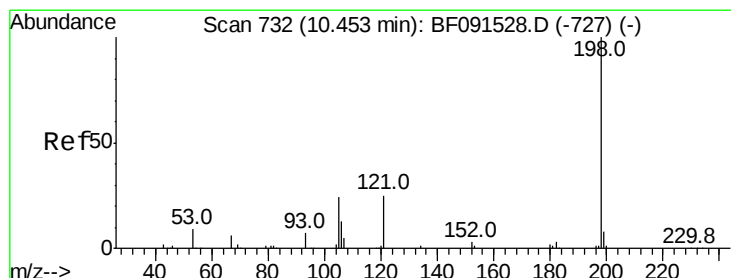
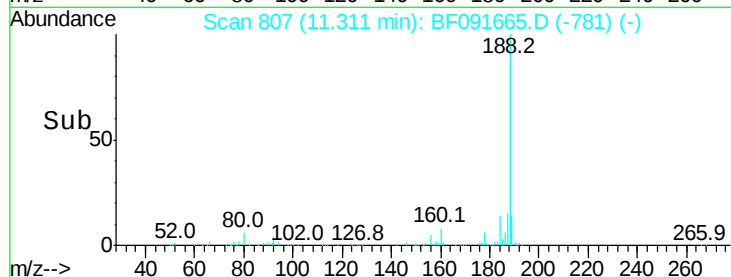
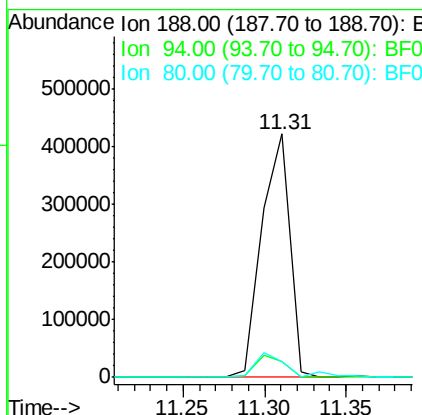
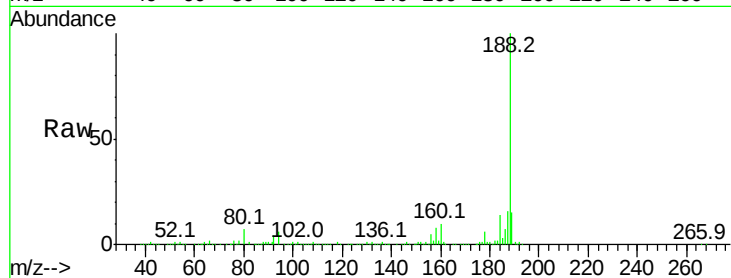
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF091665.D
Acq: 16 Dec 2016 9:46

Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.3	9.2	13.8#
80	6.7	10.5	15.7#

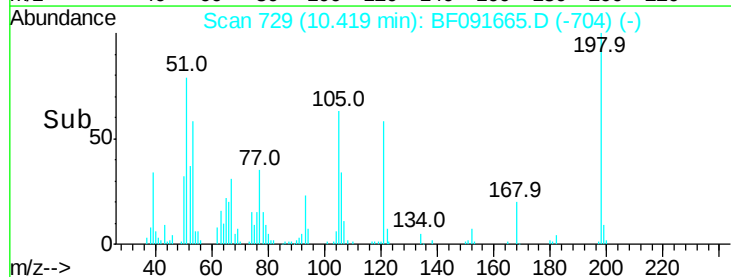
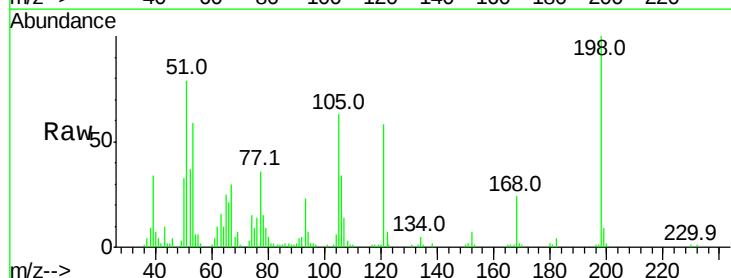
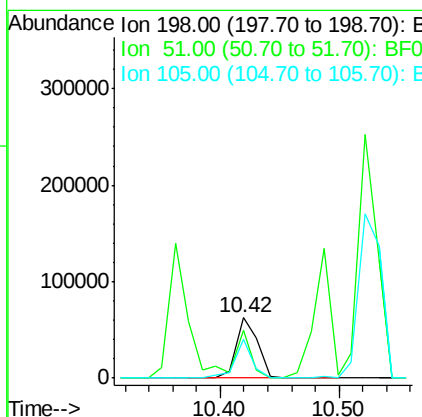
Manual Integrations
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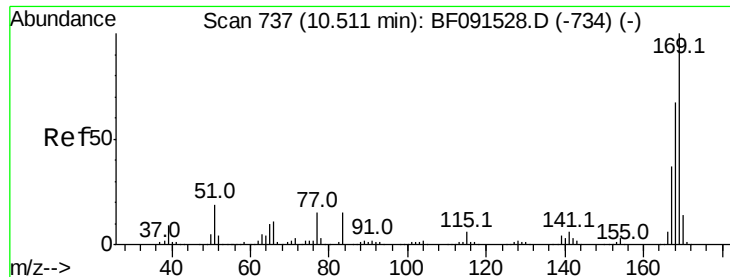
UMANGI
12/16/2016 6:22:38 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 26.91 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF091665.D
Acq: 16 Dec 2016 9:46

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	79.5	77.1	117.1
105	63.4	44.8	84.8





#65

n-Nitrosodiphenylamine

Concen: 52.10 ng

RT: 10.49 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MSD

Tot Ion:169 Resp: 785871

Ion Ratio Lower Upper

169 100

168 67.3 53.8 80.8

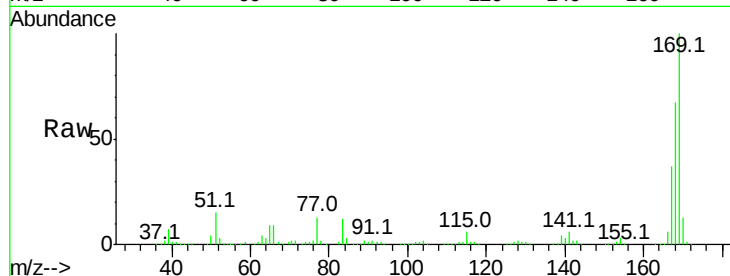
167 37.3 29.8 44.8

Manual Integrations

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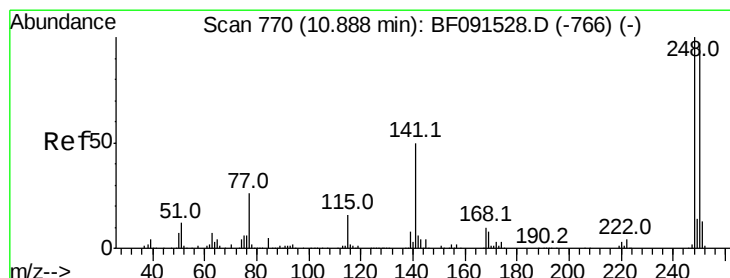
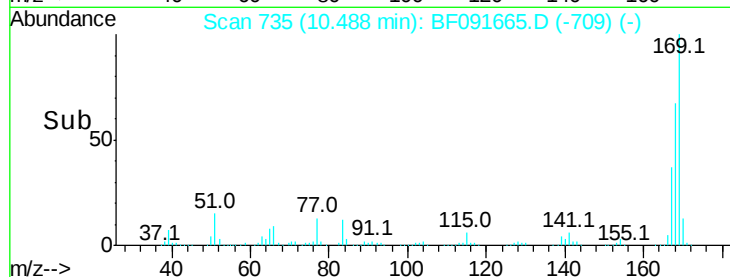
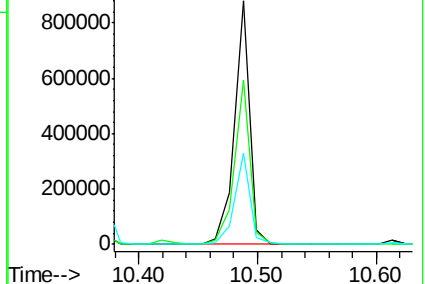
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 47.63 ng

RT: 10.85 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

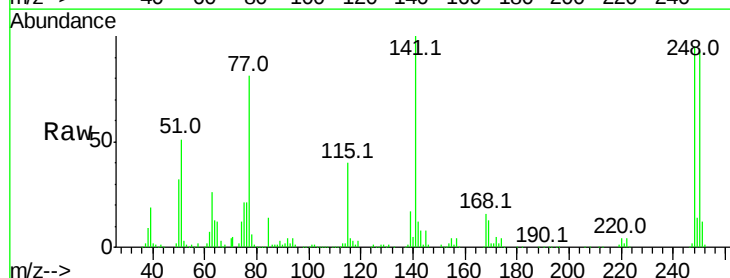
Tgt Ion:248 Resp: 247038

Ion Ratio Lower Upper

248 100

250 97.4 78.2 117.4

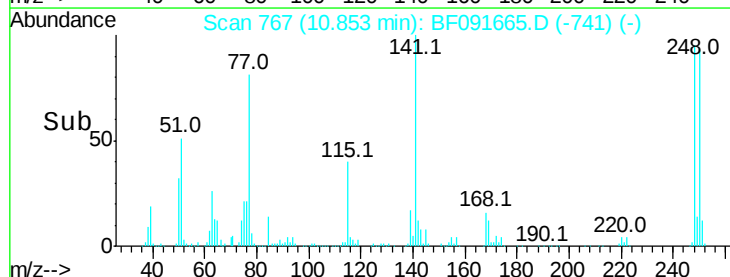
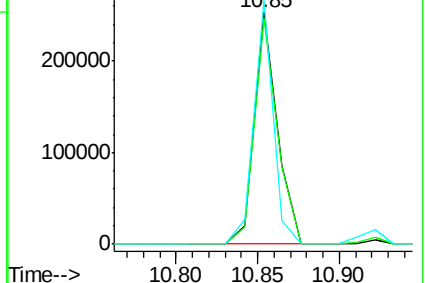
141 105.1 71.9 107.9

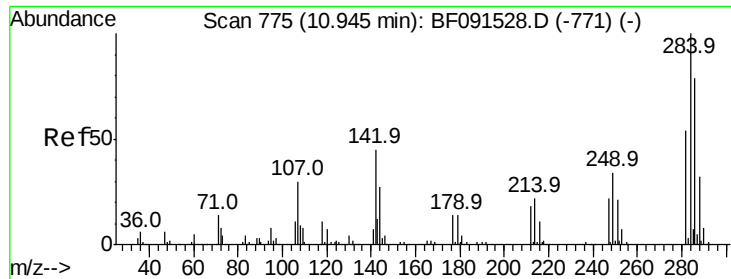


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





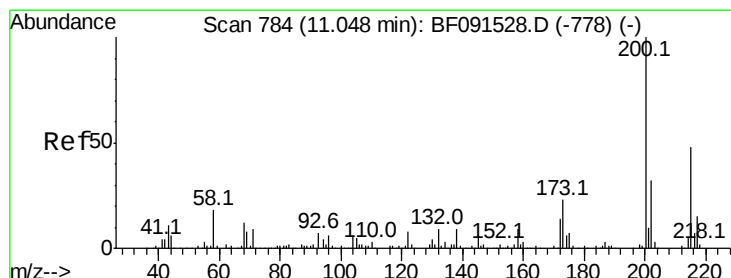
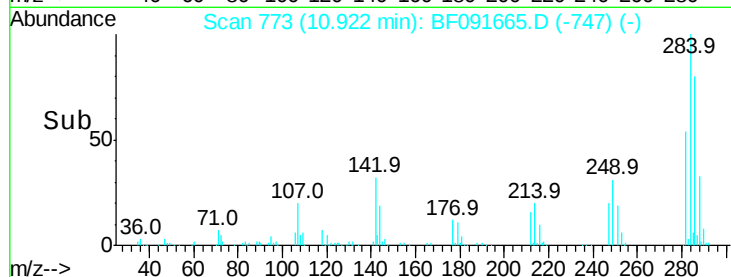
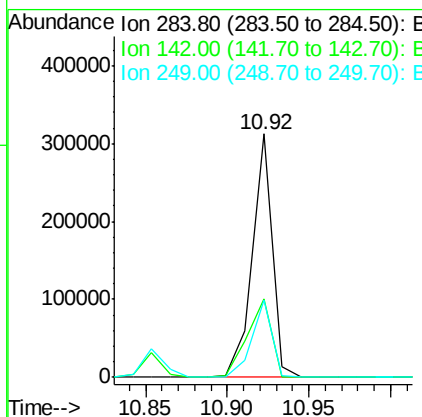
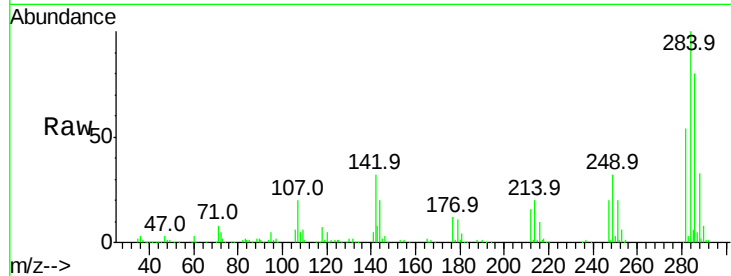
#67
Hexachlorobenzene
Concen: 49.48 ng
RT: 10.92 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF091665.D
Acq: 16 Dec 2016 9:46

Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MSD

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	32.2	17.9	26.9#
249	31.8	23.6	35.4

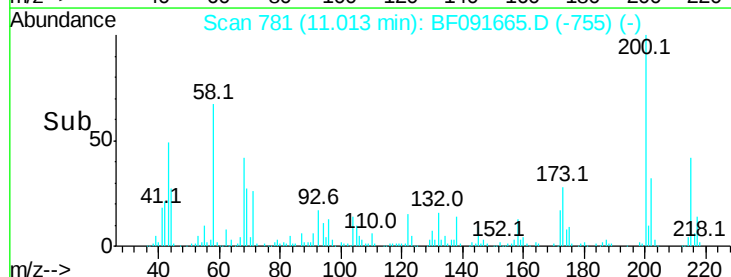
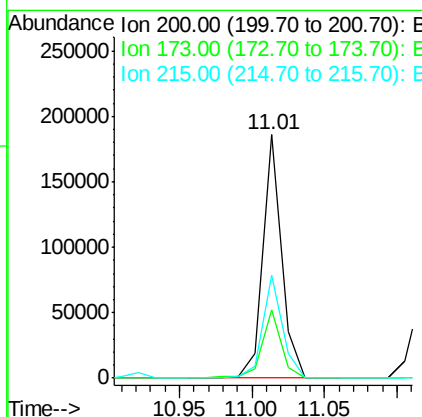
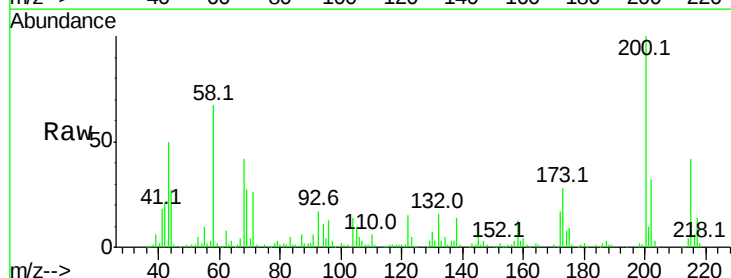
Manual Integrations
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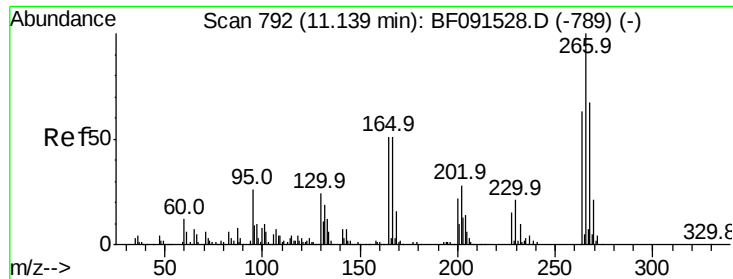
UMANGI
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#68
Atrazine
Concen: 34.44 ng
RT: 11.01 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF091665.D
Acq: 16 Dec 2016 9:46

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	28.2	7.8	47.8
215	42.0	24.3	64.3





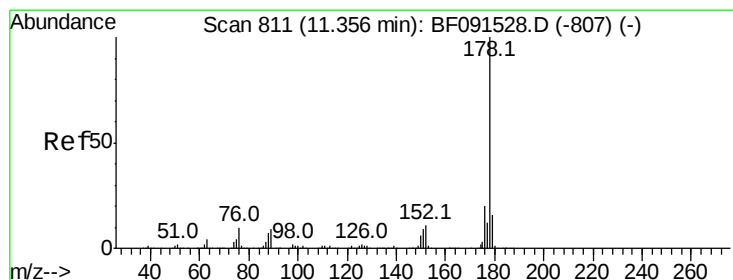
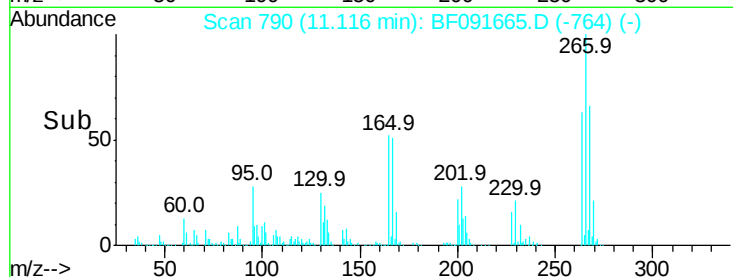
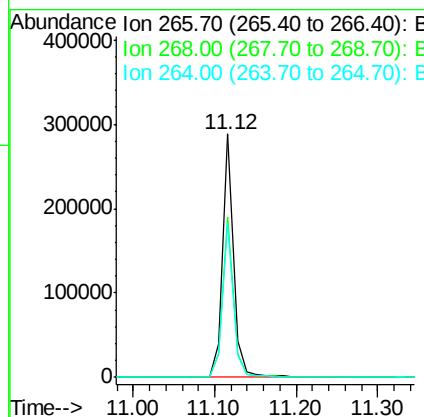
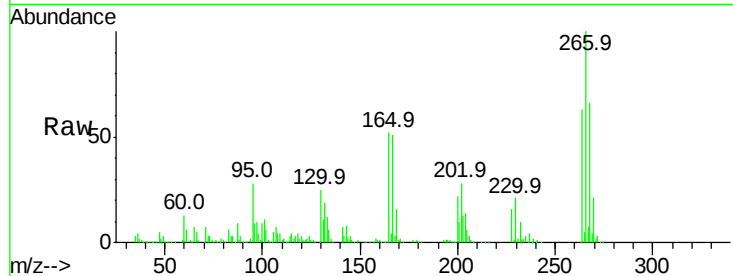
#69
 Pentachlorophenol
 Concen: 88.95 ng
 RT: 11.12 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF091665.D
 Acq: 16 Dec 2016 9:46

Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	269993		
268	65.6		50.3	75.5
264	63.2		48.2	72.2

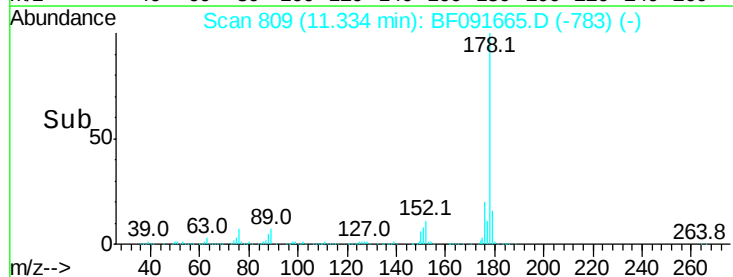
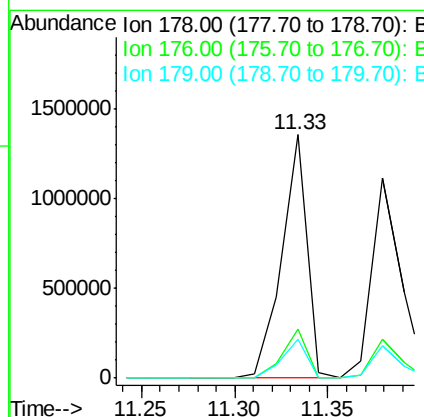
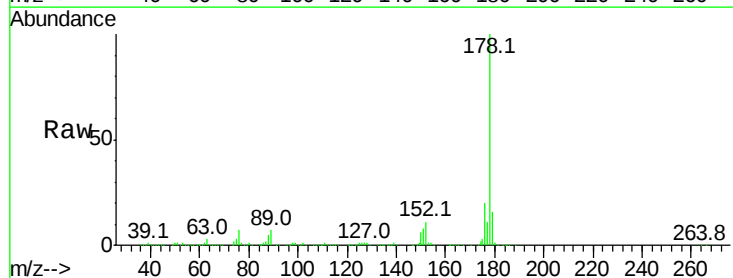
Manual Integrations
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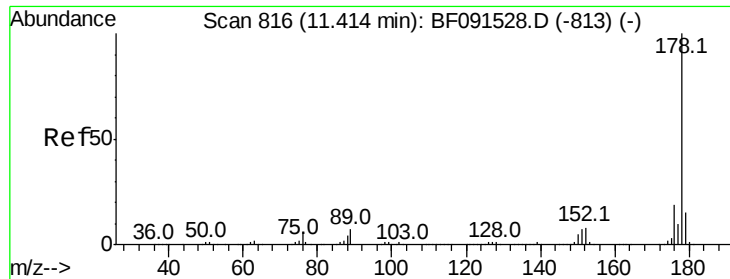
UMANGI
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#70
 Phenanthrene
 Concen: 50.94 ng
 RT: 11.33 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF091665.D
 Acq: 16 Dec 2016 9:46

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1276232		
176	20.2		15.9	23.9
179	15.8		12.6	18.8





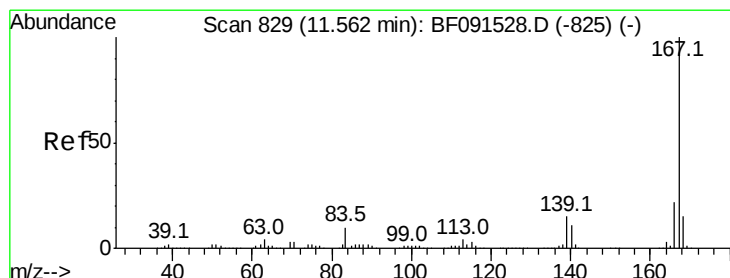
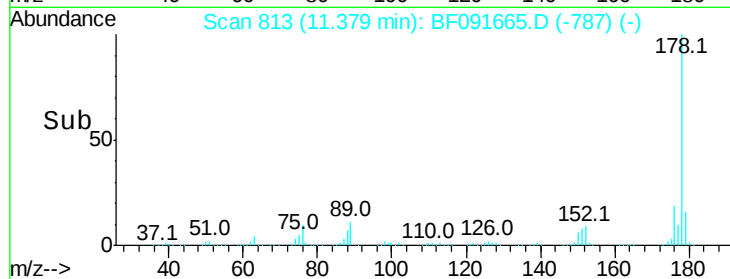
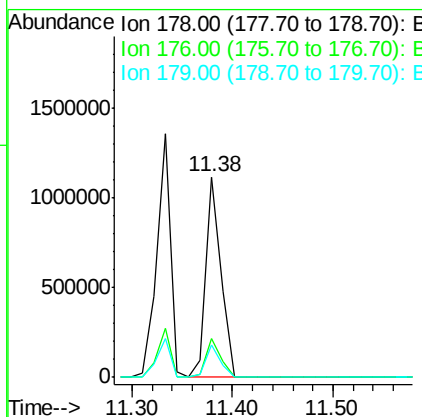
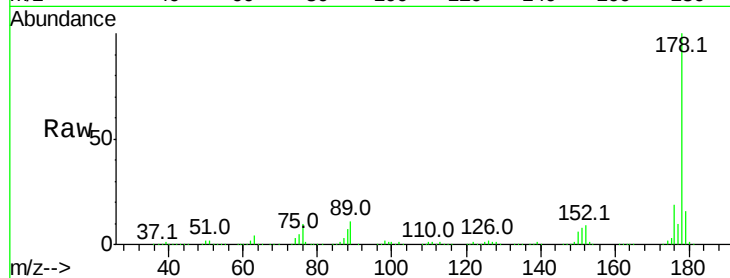
#71
 Anthracene
 Concen: 43.28 ng
 RT: 11.38 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF091665.D
 Acq: 16 Dec 2016 9:46

Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6MSD

Tot Ion:178 Resp: 1169573
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.6
 179 16.1 12.7 19.1

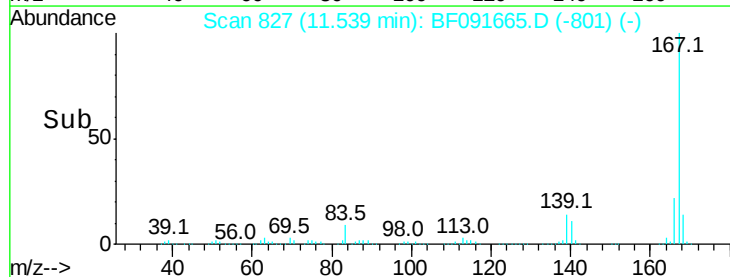
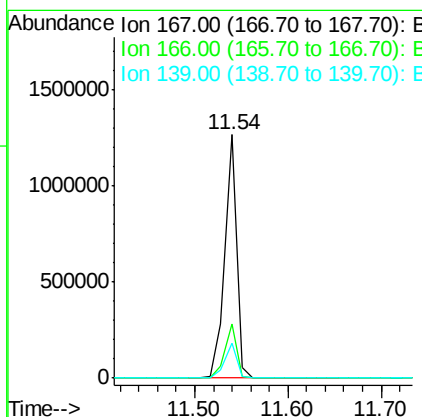
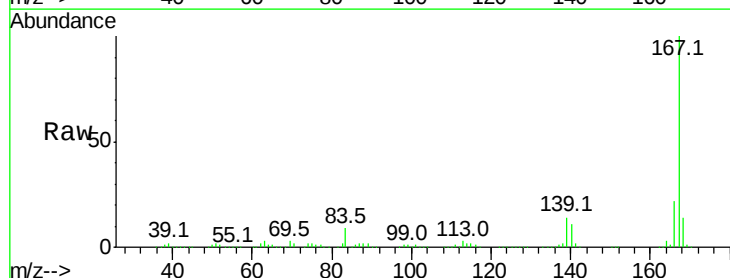
Manual Integrations
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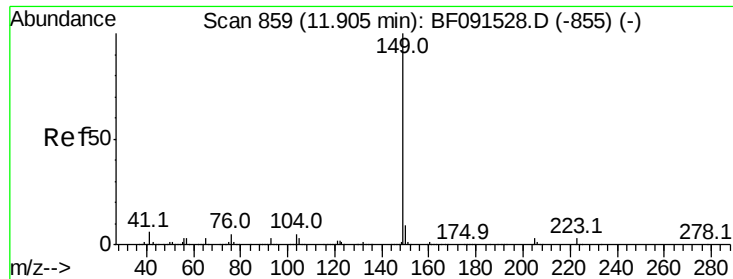
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#72
 Carbazole
 Concen: 46.96 ng
 RT: 11.54 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BF091665.D
 Acq: 16 Dec 2016 9:46

Tgt Ion:167 Resp: 1112430
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 14.3 11.5 17.3





#73

Di-n-butylphthalate

Concen: 51.62 ng

RT: 11.87 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MSD

Tot Ion:149 Resp: 1424559

Ion Ratio Lower Upper

149 100

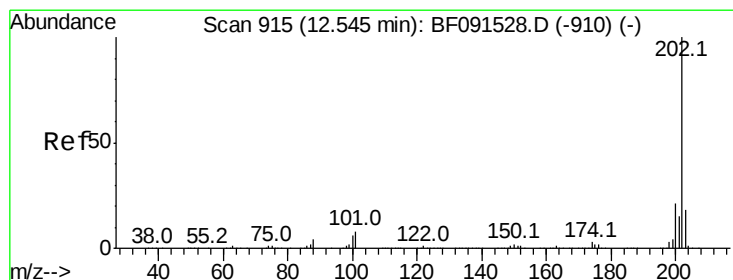
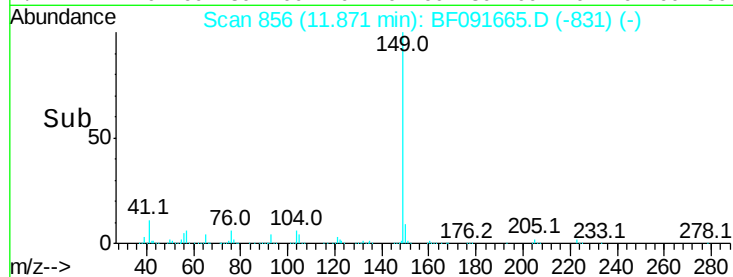
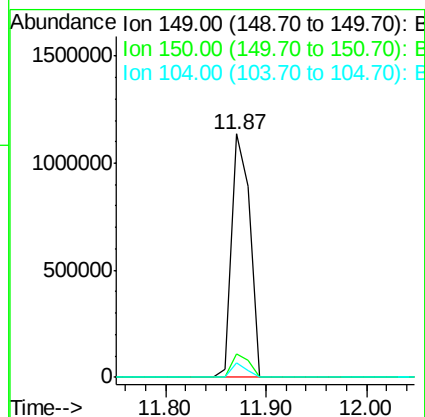
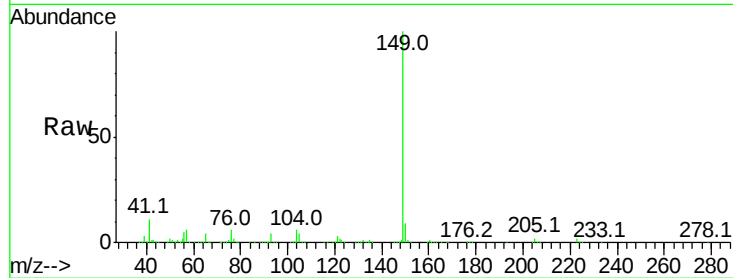
150 9.5 7.5 11.3

104 6.0 4.0 6.0

Manual Integrations
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#74

Fluoranthene

Concen: 44.09 ng

RT: 12.51 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

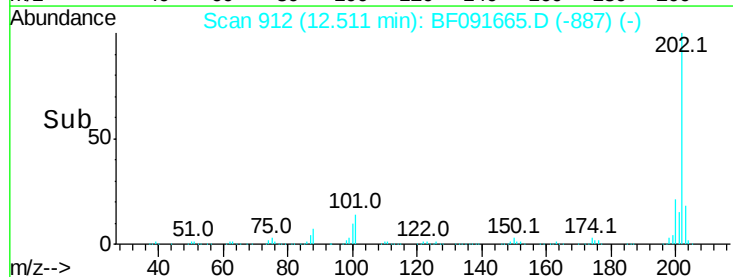
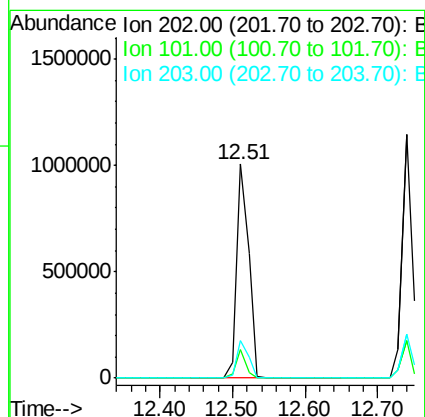
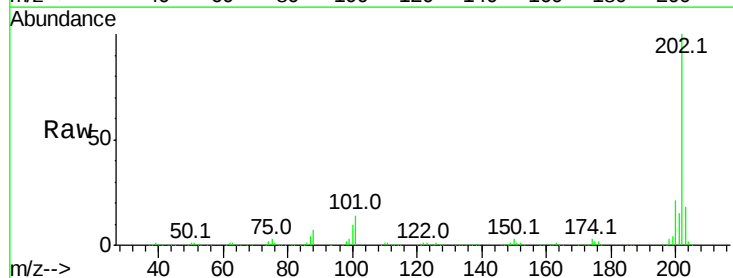
Tgt Ion:202 Resp: 1156711

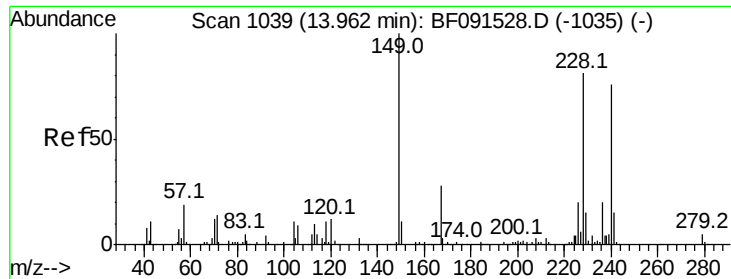
Ion Ratio Lower Upper

202 100

101 13.6 0.0 29.5

203 17.8 0.0 37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MSD

Tot Ion:240 Resp: 401758

Ion Ratio Lower Upper

240 100

120 12.6 12.1 18.1

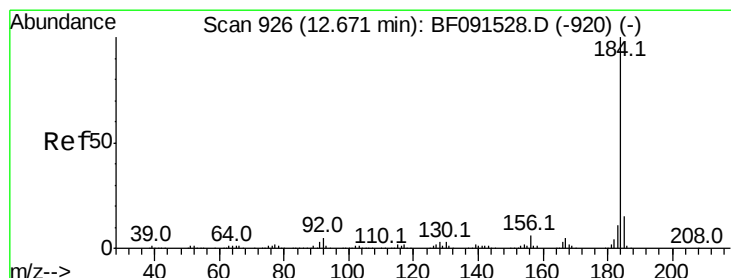
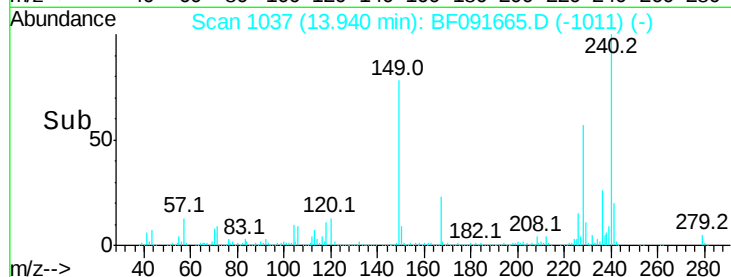
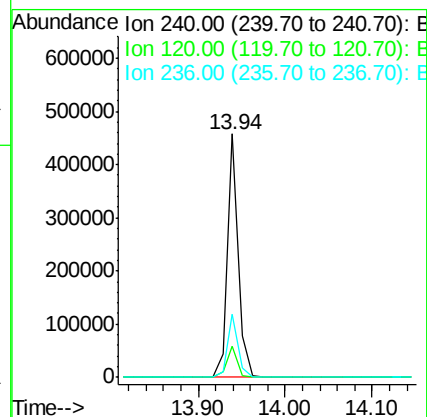
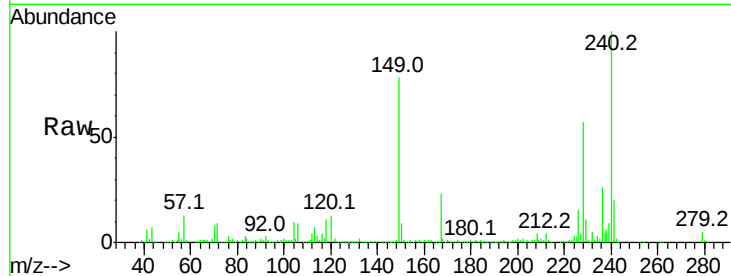
236 26.1 21.0 31.6

Manual Integrations

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#76

Benzidine

Concen: 18.81 ng

RT: 12.64 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

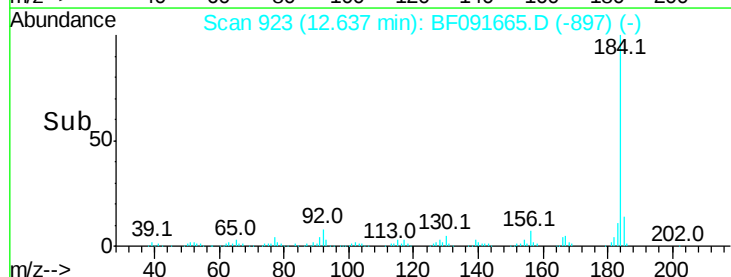
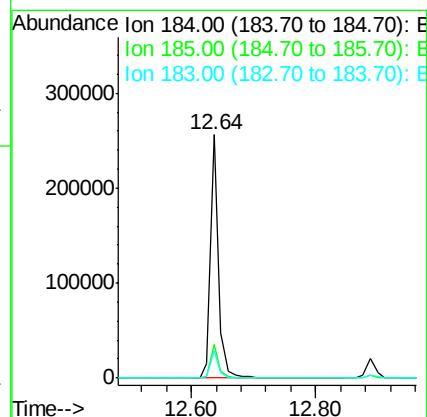
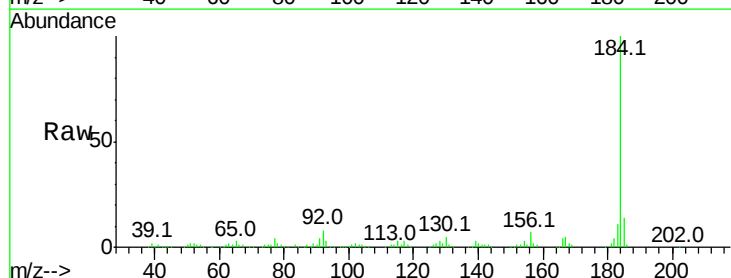
Tgt Ion:184 Resp: 233657

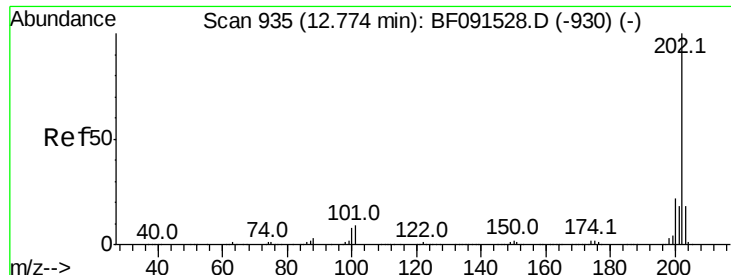
Ion Ratio Lower Upper

184 100

185 14.1 13.1 19.7

183 11.0 8.9 13.3





#77

Pvrene

Concen: 35.70 ng

RT: 12.74 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MSD

Tot Ion:202 Resp: 1137761

Ion Ratio Lower Upper

202 100

200 21.8 17.6 26.4

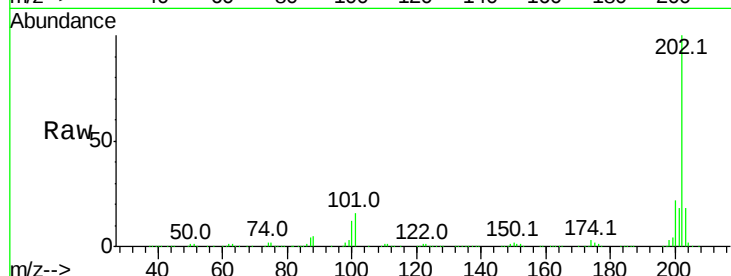
203 18.2 14.0 21.0

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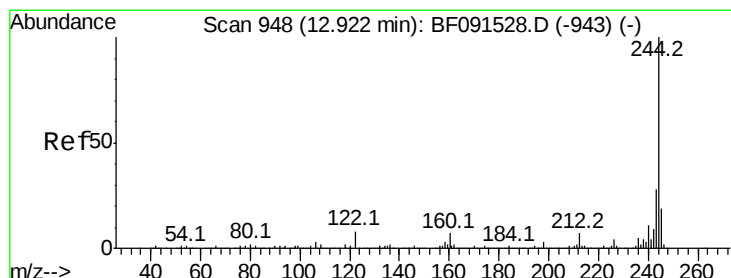
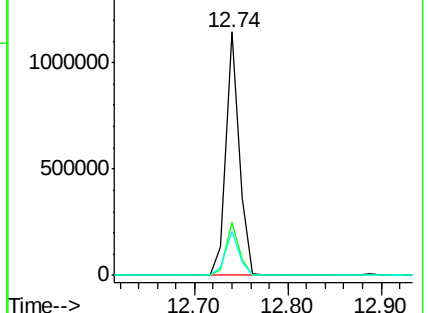
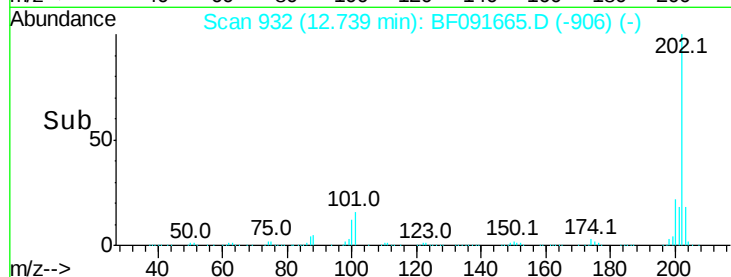
12/16/2016 6:22:38 PM



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: 80.82 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

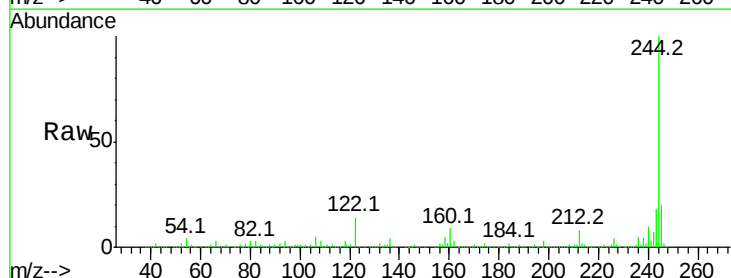
Tgt Ion:244 Resp: 1431001

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

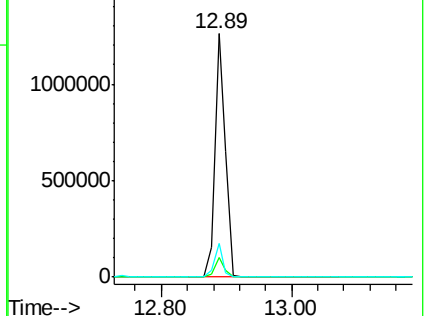
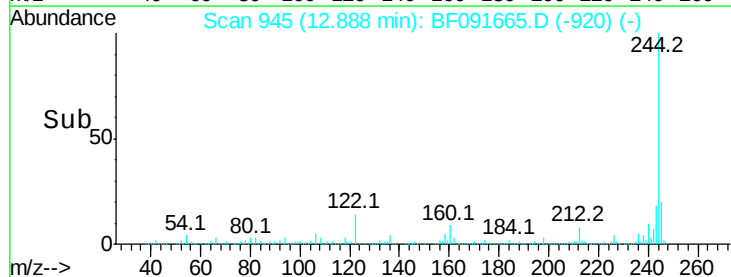
122 14.0 9.5 14.3

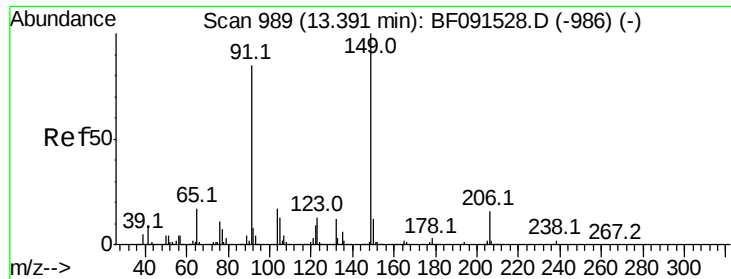


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





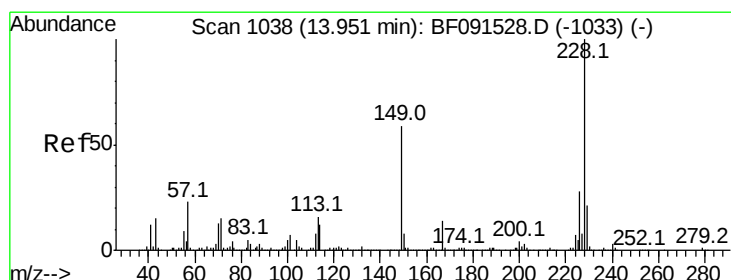
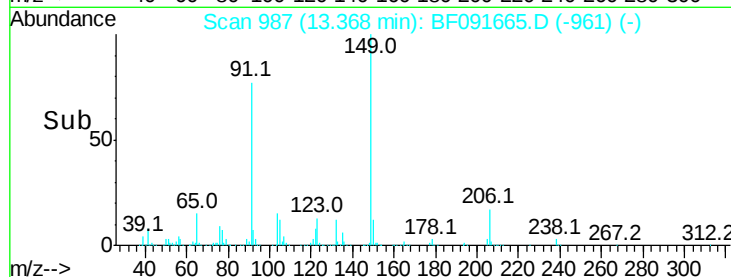
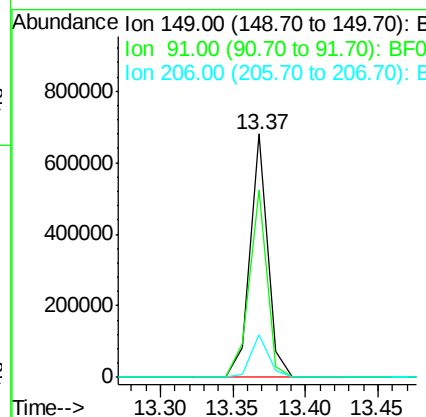
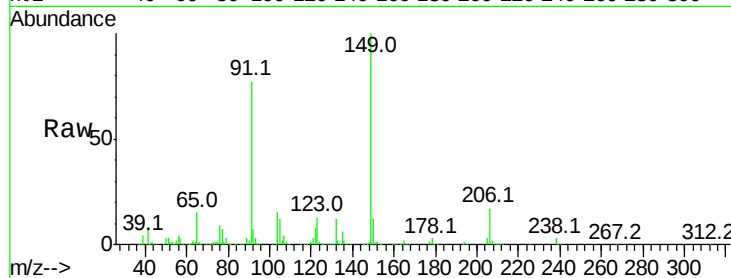
#79
Butylbenzylphthalate
Concen: 46.40 ng
RT: 13.37 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF091665.D
Acq: 16 Dec 2016 9:46

Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	77.1	57.4	86.2
206	17.5	15.4	23.2

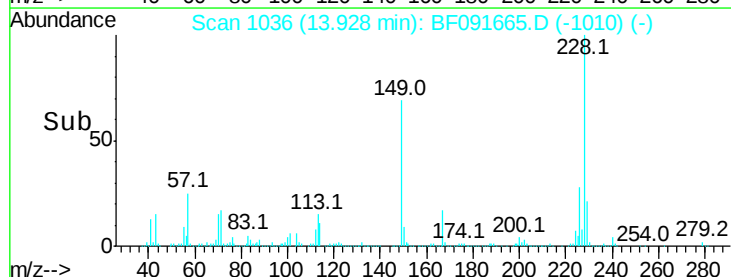
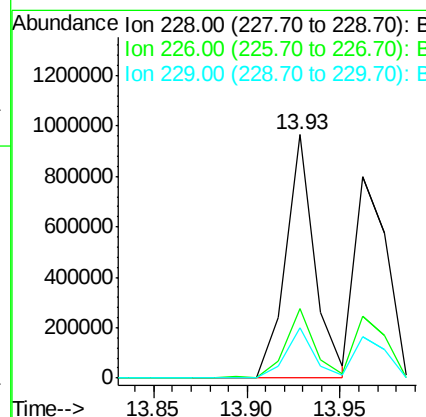
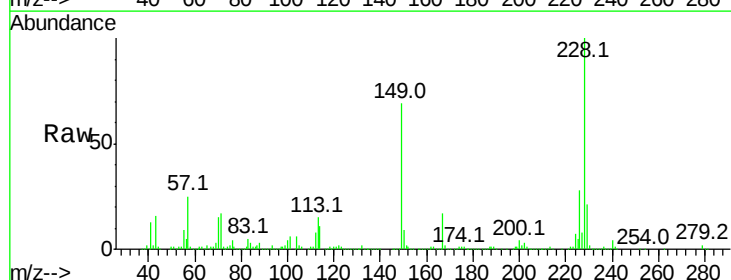
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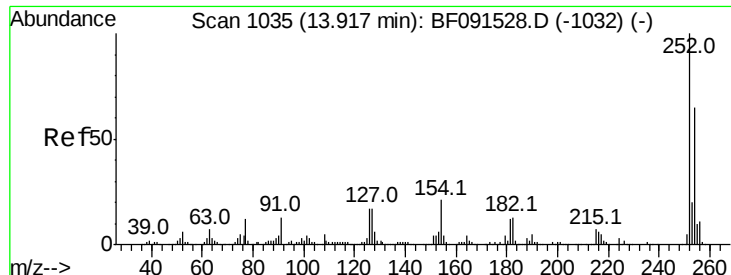
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#80
Benzo(a)anthracene
Concen: 44.82 ng
RT: 13.93 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF091665.D
Acq: 16 Dec 2016 9:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.5	33.7
229	20.7	16.4	24.6





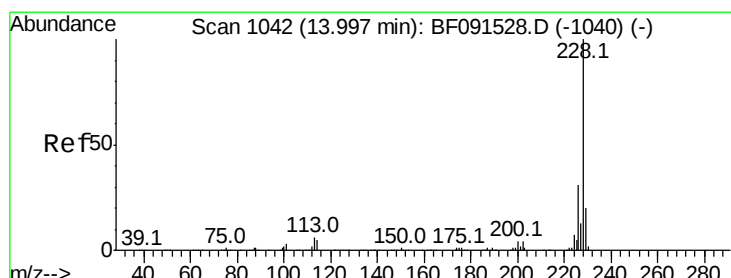
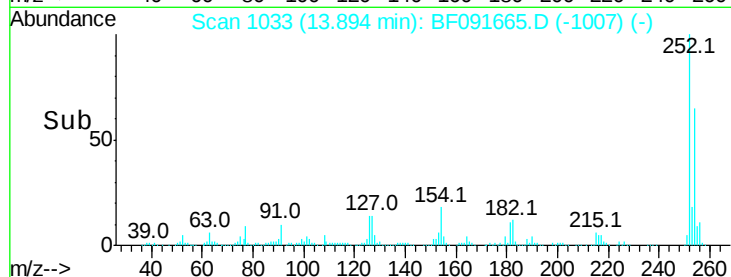
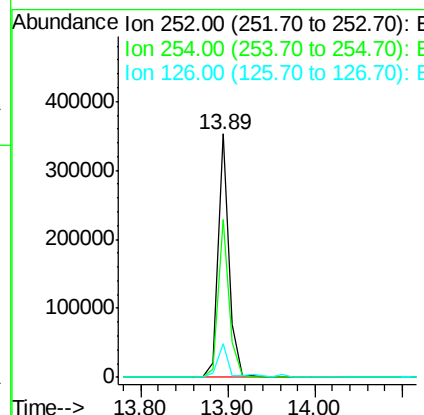
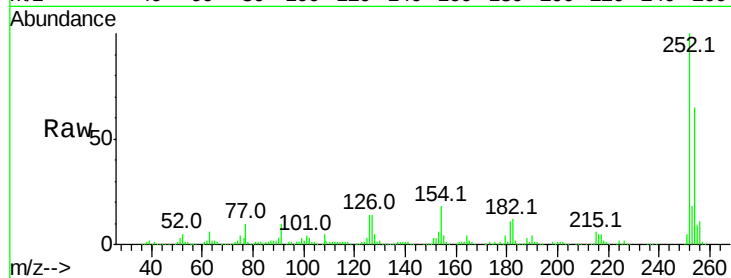
#81
 3,3'-Dichlorobenzidine
 Concen: 37.51 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF091665.D
 Acq: 16 Dec 2016 9:46

Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	52.1	78.1
126	13.8	7.5	11.3

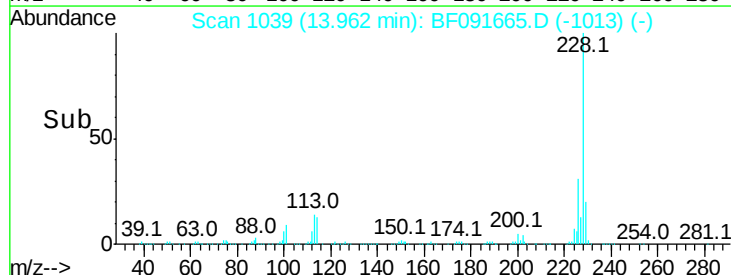
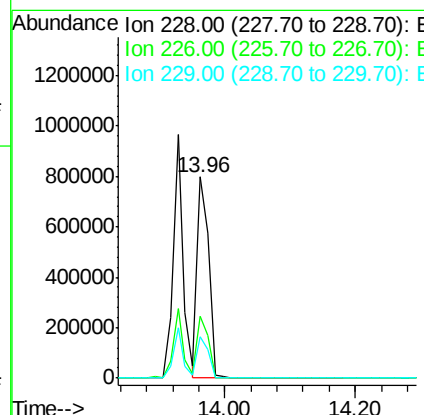
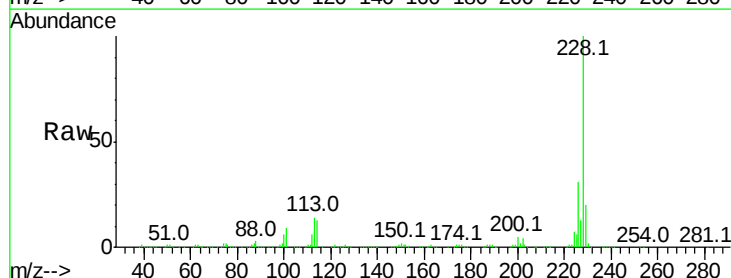
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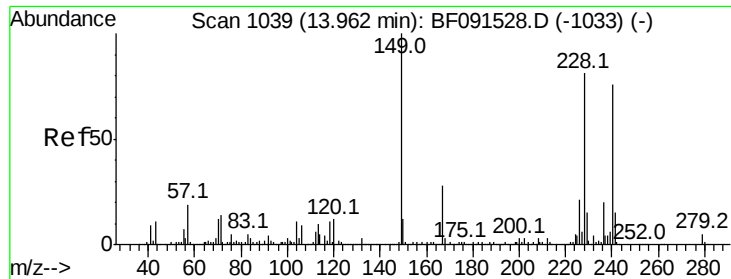
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#82
 Chrysene
 Concen: 39.49 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF091665.D
 Acq: 16 Dec 2016 9:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.4
229	20.4	16.0	24.0





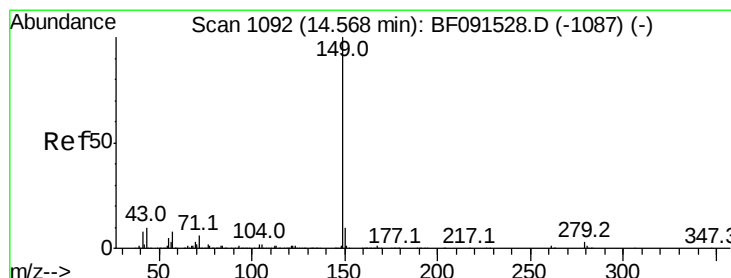
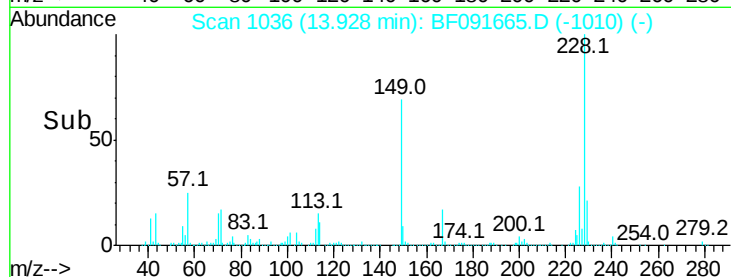
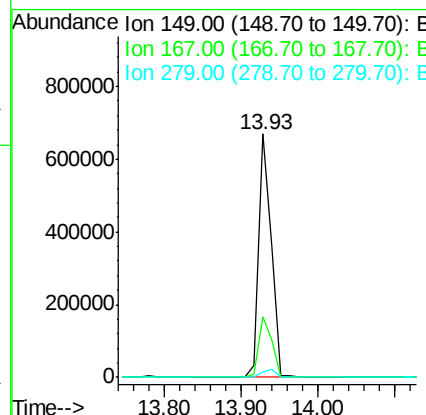
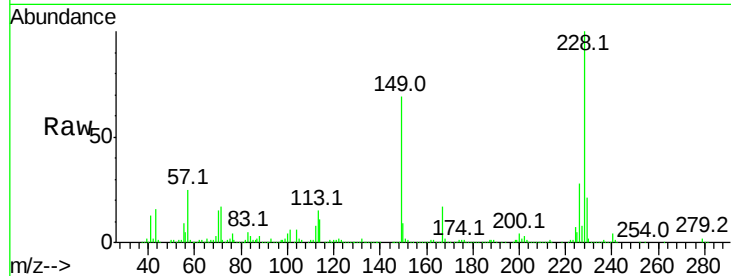
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.37 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF091665.D
 Acq: 16 Dec 2016 9:46

Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	24.7	19.6	29.4
279	2.2	1.9	2.9

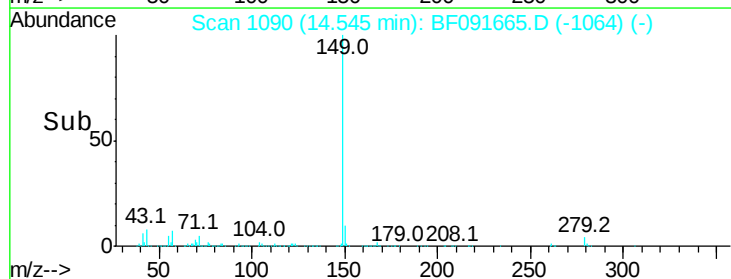
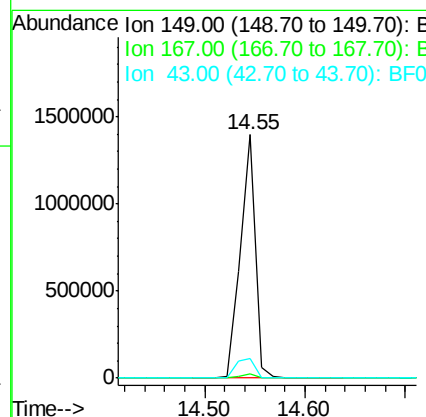
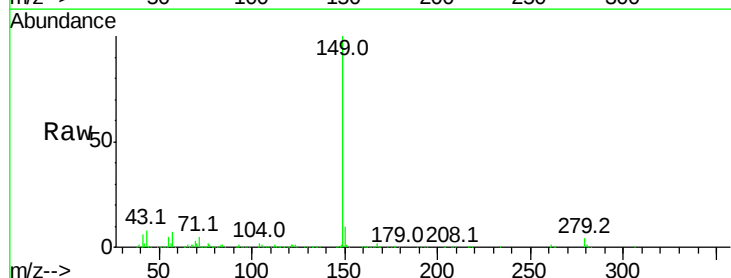
Manual Integrations
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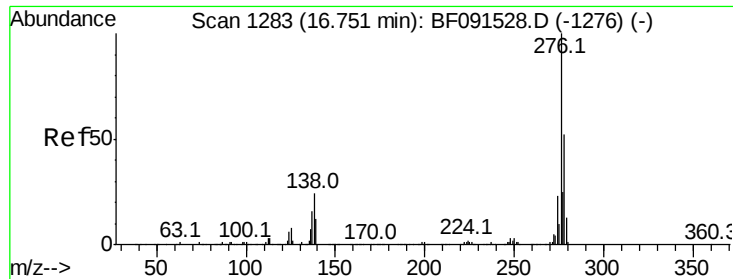
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#84
 Di-n-octyl phthalate
 Concen: 53.12 ng
 RT: 14.55 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: BF091665.D
 Acq: 16 Dec 2016 9:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	10.4	11.9	17.9#





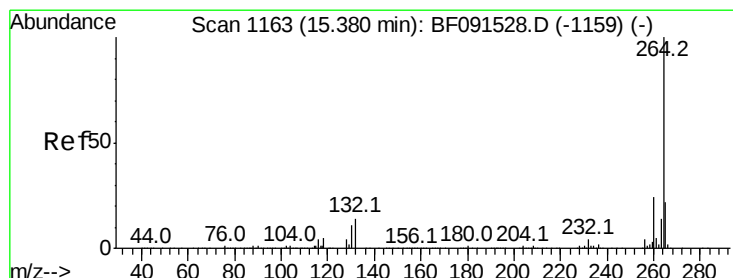
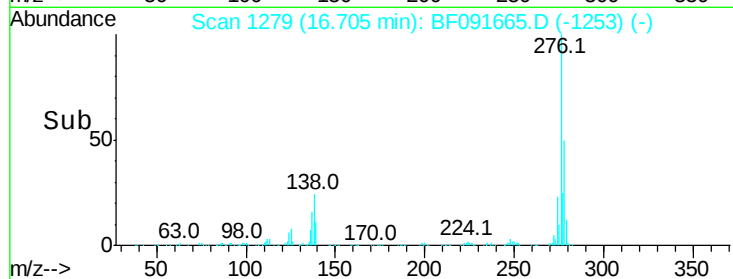
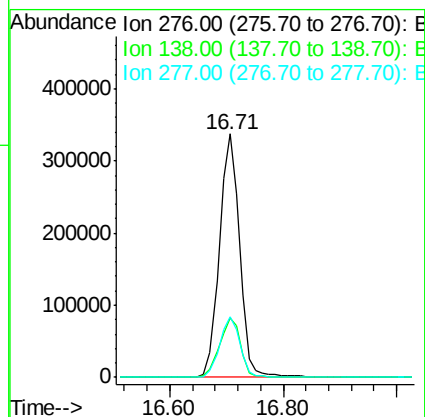
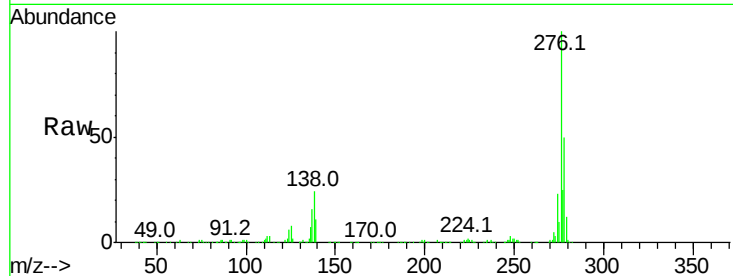
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.93 ng
RT: 16.71 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF091665.D
Acq: 16 Dec 2016 9:46

Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.6	21.0	31.4
277	25.2	20.2	30.2

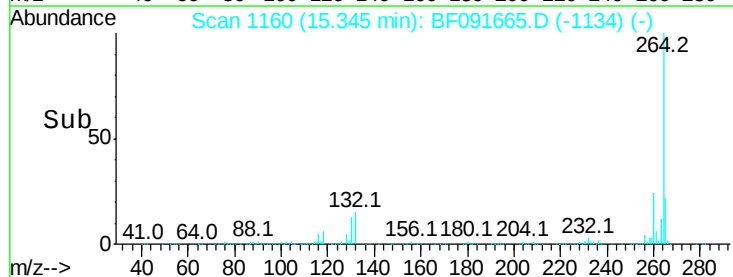
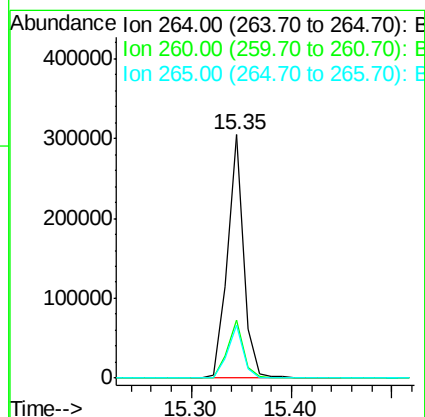
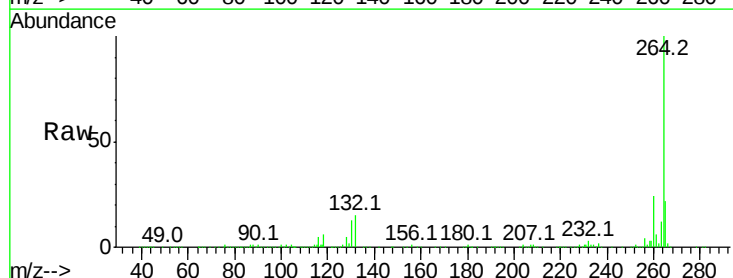
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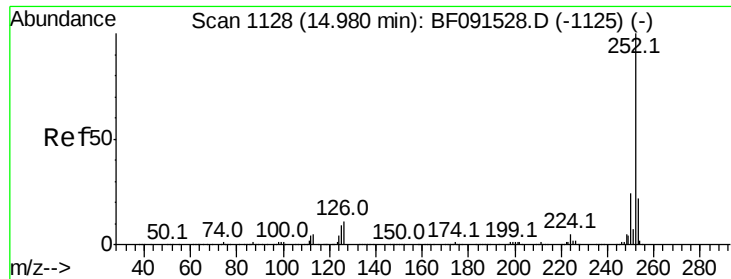
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF091665.D
Acq: 16 Dec 2016 9:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	21.8	17.0	25.6





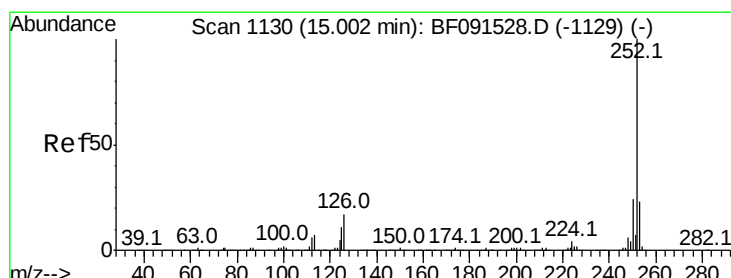
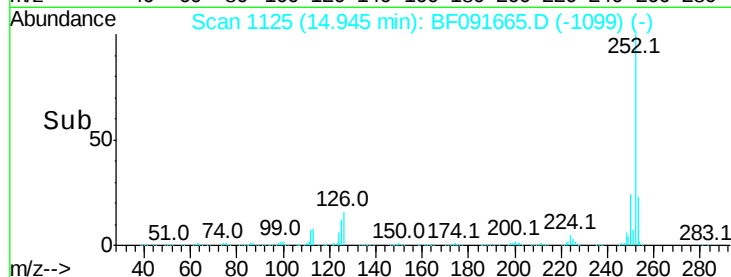
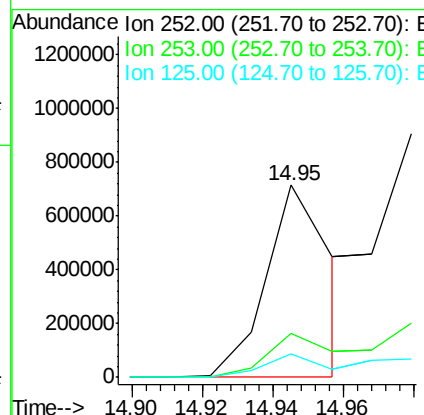
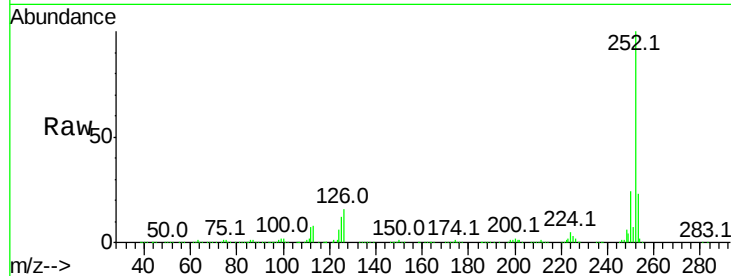
#87
Benzo(b)fluoranthene
Concen: 45.09 ng m
RT: 14.95 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF091665.D
Acq: 16 Dec 2016 9:46

Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	12.1	8.6	13.0

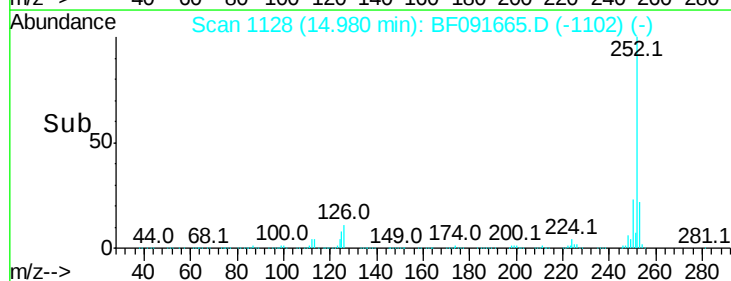
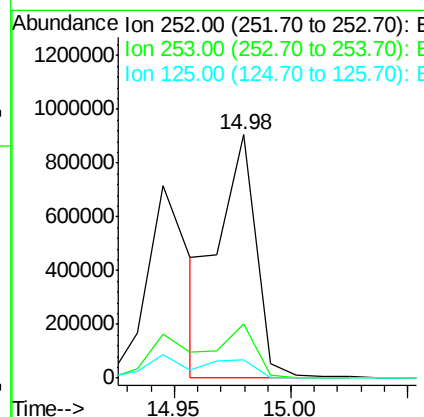
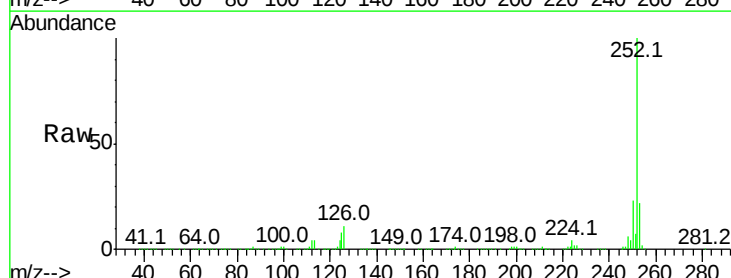
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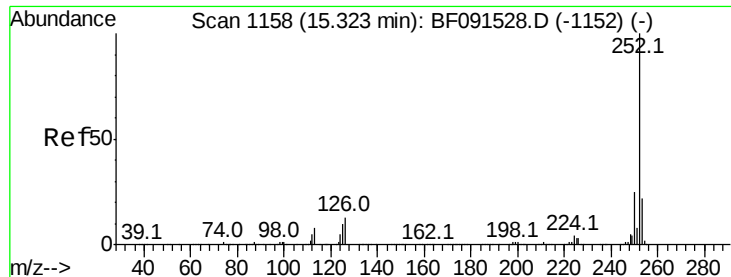
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#88
Benzo(k)fluoranthene
Concen: 55.49 ng m
RT: 14.98 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF091665.D
Acq: 16 Dec 2016 9:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	7.5	9.6	14.4#





#89

Benzo(a)pyrene

Concen: 46.86 ng

RT: 15.29 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Instrument :

BNA_F

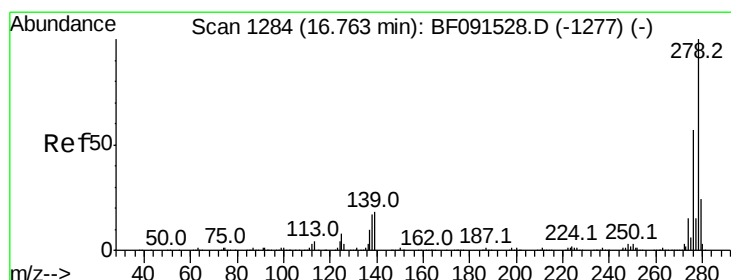
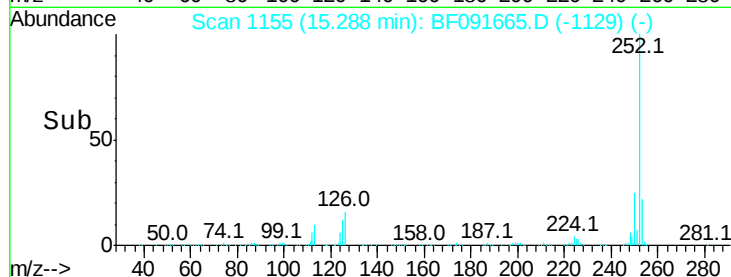
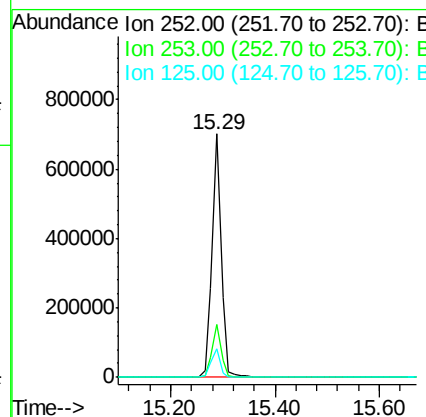
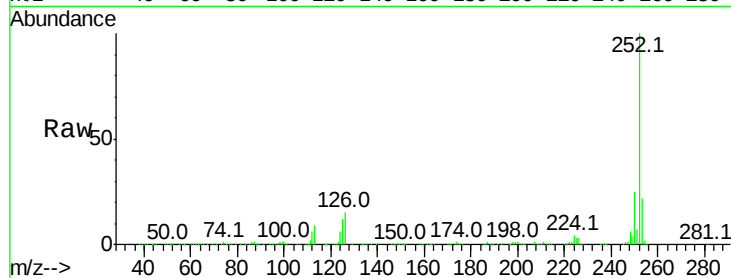
ClientSampleId :

TP20-COMP6MSD

Tot Ion:	252	Resp:	855660
Ion Ratio		Lower	Upper
252	100		
253	21.9	18.2	27.4
125	11.6	10.4	15.6

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#90

Dibenzo(a,h)anthracene

Concen: 42.42 ng

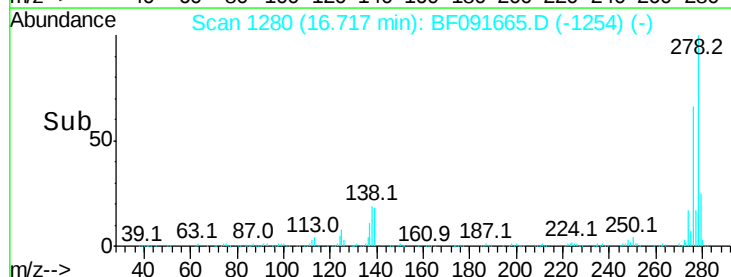
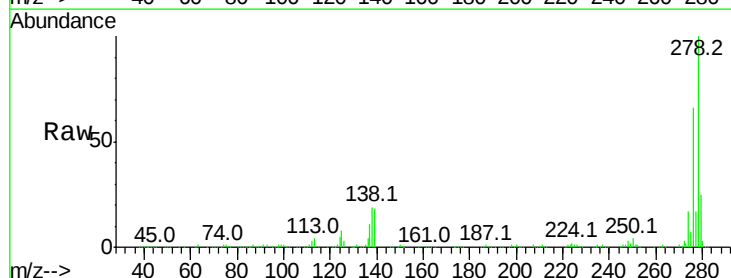
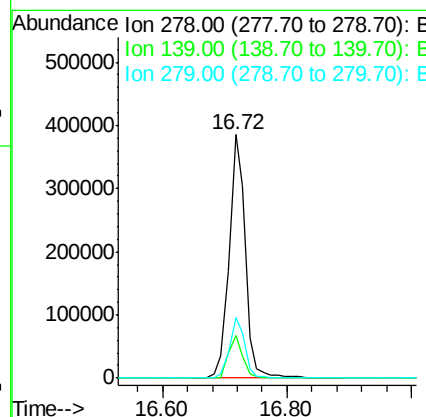
RT: 16.72 min Scan# 1280

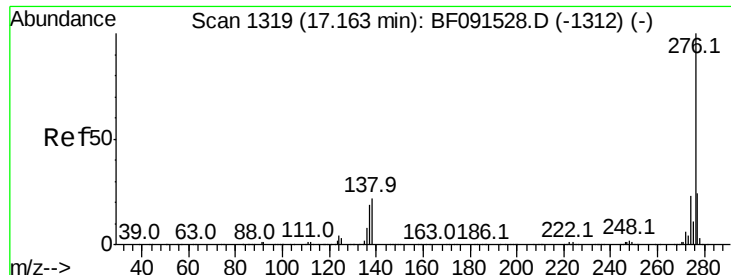
Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Tgt Ion:	278	Resp:	693800
Ion Ratio		Lower	Upper
278	100		
139	17.5	15.1	22.7
279	24.7	19.0	28.6





#91

Benzo(a,h,i)perylene

Concen: 40.80 ng

RT: 17.12 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MSD

Tot Ion: 276 Resp: 679238

Ion Ratio Lower Upper

276 100

277 22.9 19.0 28.4

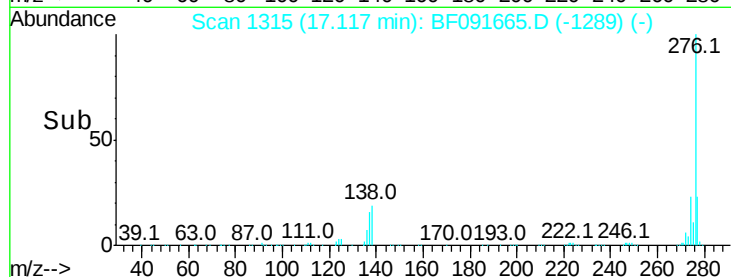
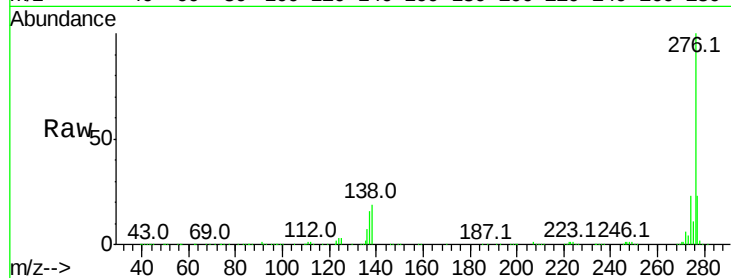
138 18.7 15.4 23.0

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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

17.12

300000

200000

100000

0

Time-->