

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
 Data File : BF091664.D
 Acq On : 16 Dec 2016 9:18
 Operator : UM/SJ
 Sample : H6057-04MS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6MS

Manual Integrations
 APPROVED

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 12/16/2016 6:22:37 PM

Quant Time: Dec 16 16:47:28 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	187459	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	734805	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	329896	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	440942	20.00	ng	0.00
75) Chrysene-d12	13.94	240	355402	20.00	ng	0.00
86) Perylene-d12	15.35	264	287997	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1316440	118.31	ng	0.02
7) Phenol-d6	6.43	99	1780041	128.32	ng	0.00
23) Nitrobenzene-d5	7.36	82	1233325	93.68	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	319077	116.45	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1727450	90.48	ng	0.00
78) Terphenyl-d14	12.89	244	1276709	81.52	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.51	88	187276	31.89	ng	# 72
3) Pyridine	3.17	79	423249	27.05	ng	# 83
4) n-Nitrosodimethylamine	3.10	42	275458	40.98	ng	# 74
6) Aniline	6.45	93	94089	5.17	ng	# 1
8) 2-Chlorophenol	6.58	128	532896	42.43	ng	96
9) Benzaldehyde	6.33	77	35194	3.69	ng	93
10) Phenol	6.45	94	562207	34.66	ng	80
11) bis(2-Chloroethyl)ether	6.53	93	547335	44.92	ng	# 79
12) 1,3-Dichlorobenzene	6.73	146	552917	40.60	ng	98
13) 1,4-Dichlorobenzene	6.81	146	561007	41.76	ng	98
14) 1,2-Dichlorobenzene	6.96	146	498944	41.22	ng	99
15) Benzyl Alcohol	6.93	79	408448	37.29	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.07	45	739949	39.19	ng	82
17) 2-Methylphenol	7.06	107	442745	42.61	ng	# 76
18) Hexachloroethane	7.30	117	195377	37.27	ng	# 88
19) n-Nitroso-di-n-propylamine	7.21	70	382416	44.09	ng	# 84
20) 3+4-Methylphenols	7.21	107	552275	49.53	ng	# 78
22) Acetophenone	7.20	105	789422	44.84	ng	# 95
24) Nitrobenzene	7.37	77	570928	41.04	ng	95
25) Isophorone	7.62	82	1097620	46.90	ng	96
26) 2-Nitrophenol	7.69	139	255020	41.54	ng	91
27) 2,4-Dimethylphenol	7.73	122	456449	42.33	ng	97
28) bis(2-Chloroethoxy)methane	7.82	93	623759	45.44	ng	99
29) 2,4-Dichlorophenol	7.94	162	439616	46.86	ng	94
30) 1,2,4-Trichlorobenzene	8.02	180	463076	43.43	ng	96
31) Naphthalene	8.10	128	1509779	44.16	ng	99
32) Benzoic acid	7.86	122	277930	37.15	ng	97
33) 4-Chloroaniline	8.14	127	49071	3.33	ng	96
34) Hexachlorobutadiene	8.21	225	248917	40.72	ng	98
35) Caprolactam	8.52	113	126980	46.35	ng	# 38
36) 4-Chloro-3-methylphenol	8.64	107	447574	42.54	ng	95
37) 2-Methylnaphthalene	8.78	142	932571m	42.14	ng	
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	437560	48.36	ng	99
40) Hexachlorocyclopentadiene	8.94	237	192304	47.67	ng	98

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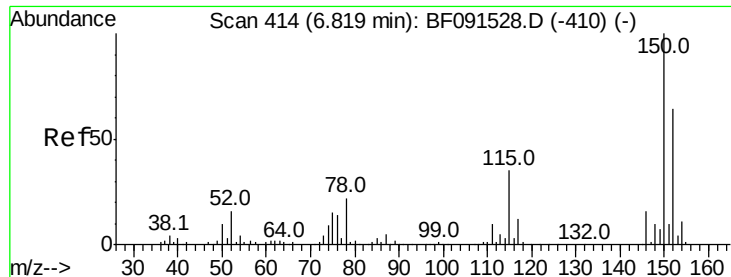
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	282759	48.64	nq	97
43) 2,4,5-Trichlorophenol	9.12	196	270823	45.33	nq	# 87
45) 1,1'-Biphenyl	9.25	154	1221121	51.10	nq	97
46) 2-Chloronaphthalene	9.28	162	892031	48.21	nq	99
47) 2-Nitroaniline	9.37	65	250537	40.26	nq	# 82
48) Acenaphthylene	9.69	152	1229379	43.59	nq	99
49) Dimethylphthalate	9.56	163	1051260	50.33	nq	100
50) 2,6-Dinitrotoluene	9.62	165	225411	49.17	nq	# 70
51) Acenaphthene	9.86	154	812117	41.45	nq	97
52) 3-Nitroaniline	9.78	138	50155	9.31	nq	98
53) 2,4-Dinitrophenol	9.88	184	58917	30.89	nq	# 70
54) Dibenzofuran	10.03	168	1055408	43.54	nq	97
55) 4-Nitrophenol	9.95	139	255512	63.77	nq	94
56) 2,4-Dinitrotoluene	10.02	165	298691	51.97	nq	# 84
57) Fluorene	10.37	166	809399	46.95	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	213090	45.56	nq	96
59) Diethylphthalate	10.26	149	1032657	51.34	nq	95
60) 4-Chlorophenyl-phenylether	10.37	204	393165	45.11	nq	97
61) 4-Nitroaniline	10.40	138	187034	34.95	nq	95
62) Azobenzene	10.52	77	996798	43.73	nq	87
64) 4,6-Dinitro-2-methylphenol	10.42	198	47494	19.59	nq	# 75
65) n-Nitrosodiphenylamine	10.49	169	736958	56.06	nq	100
66) 4-Bromophenyl-phenylether	10.85	248	229058	50.67	nq	93
67) Hexachlorobenzene	10.92	284	248185	52.80	nq	# 89
68) Atrazine	11.01	200	182594	43.20	nq	99
69) Pentachlorophenol	11.12	266	241151	91.16	nq	95
70) Phenanthrene	11.33	178	1173842	53.76	nq	99
71) Anthracene	11.38	178	1066871	45.30	nq	99
72) Carbazole	11.54	167	987513	47.84	nq	99
73) Di-n-butylphthalate	11.88	149	1334403	55.48	nq	98
74) Fluoranthene	12.51	202	1013313	44.32	nq	95
76) Benzidine	12.64	184	146931	13.37	nq	98
77) Pyrene	12.74	202	1016237	36.04	nq	99
79) Butylbenzylphthalate	13.37	149	499637	45.46	nq	94
80) Benzo(a)anthracene	13.93	228	929377	45.03	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	164057	22.14	nq	98
82) Chrysene	13.96	228	789067	36.54	nq	100
83) Bis(2-ethylhexyl)phthalate	13.93	149	646457	45.84	nq	100
84) Di-n-octyl phthalate	14.55	149	1214306	50.73	nq	# 91
85) Indeno(1,2,3-cd)pyrene	16.71	276	698021	35.92	nq	98
87) Benzo(b)fluoranthene	14.95	252	803755m	46.82	nq	
88) Benzo(k)fluoranthene	14.98	252	837557m	55.48	nq	
89) Benzo(a)pyrene	15.29	252	750171	48.50	nq	# 96
90) Dibenzo(a,h)anthracene	16.72	278	579172	41.80	nq	98
91) Benzo(g,h,i)perylene	17.12	276	569796	40.41	nq	98

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



#1

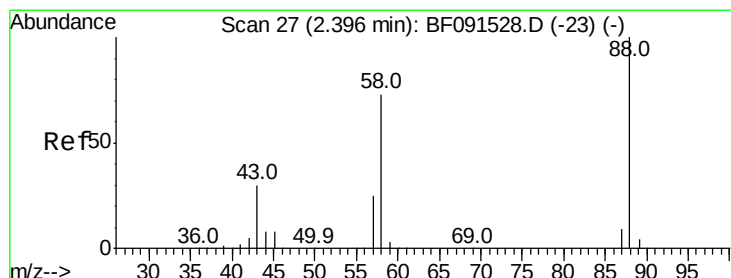
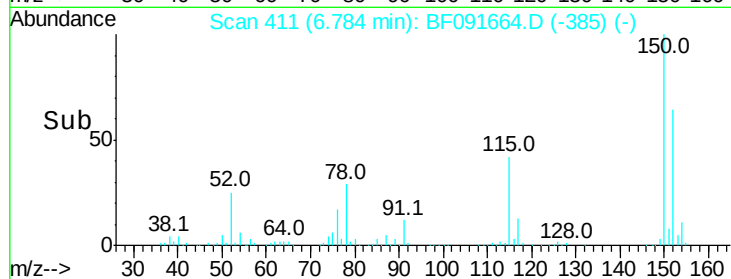
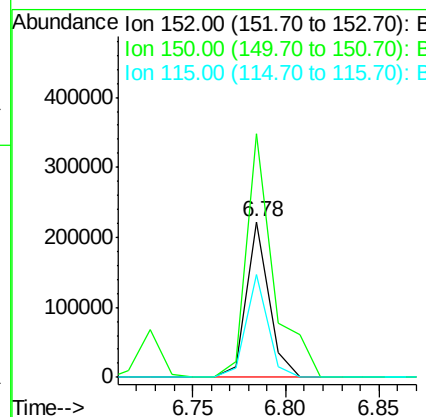
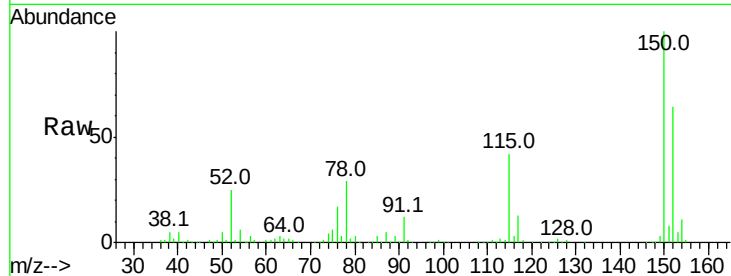
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	122.5	183.7
115	65.6	51.8	77.8

Manual Integrations
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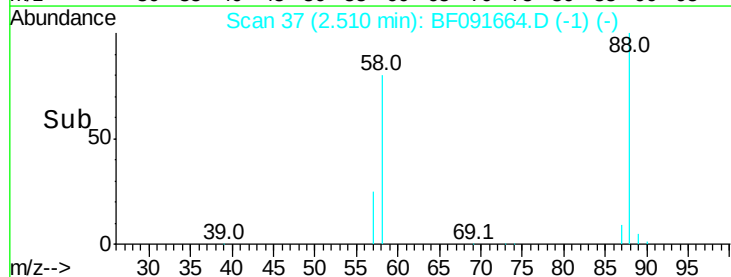
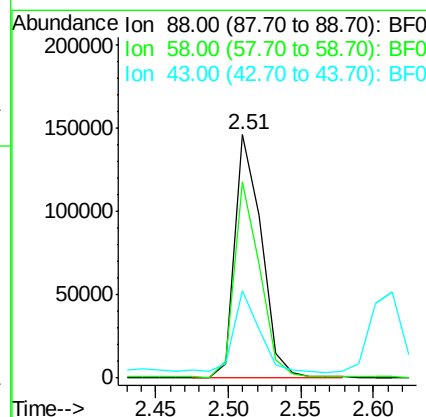
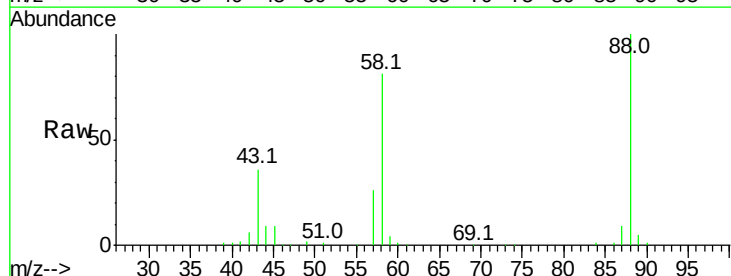
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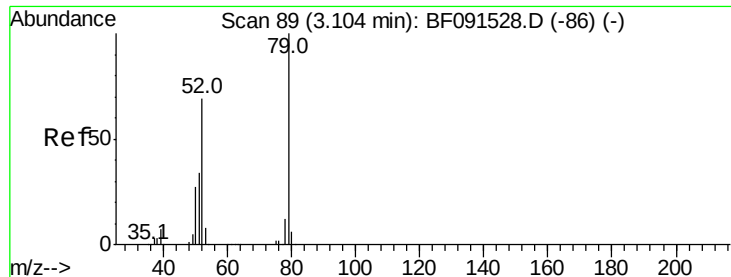


#2

1,4-Dioxane
Concen: 31.89 ng
RT: 2.51 min Scan# 37
Delta R.T. 0.18 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.5	70.3	105.5
43	0.0	31.3	46.9#





#3

Pvridine

Concen: 27.05 ng

RT: 3.17 min Scan# 95

Delta R.T. 0.15 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

Instrument :

BNA_F

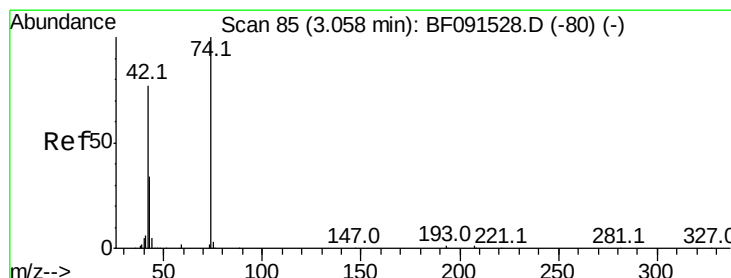
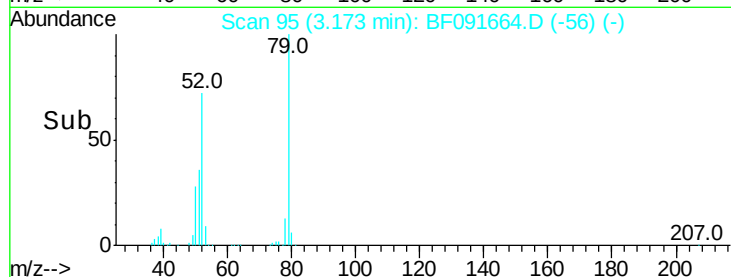
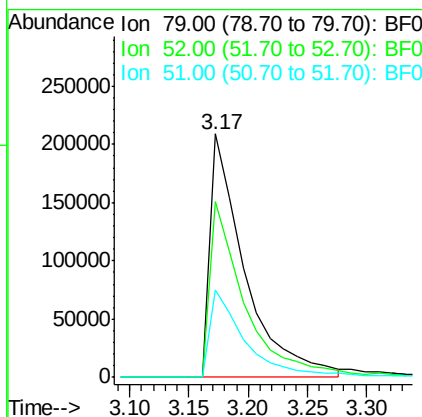
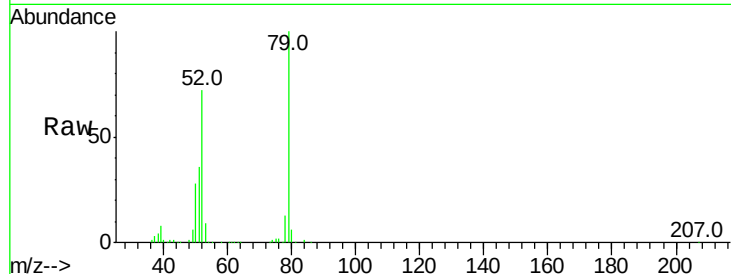
ClientSampleId :

TP20-COMP6MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	72.5	71.0	106.4
51	35.9	37.0	55.4#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 40.98 ng

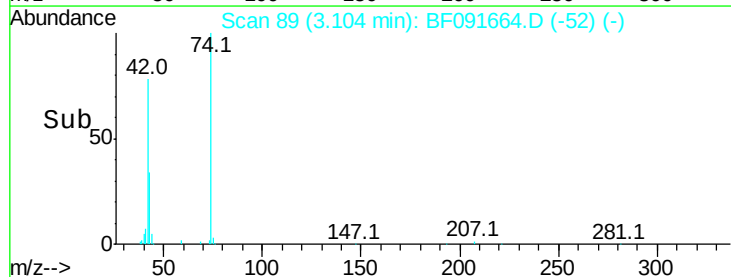
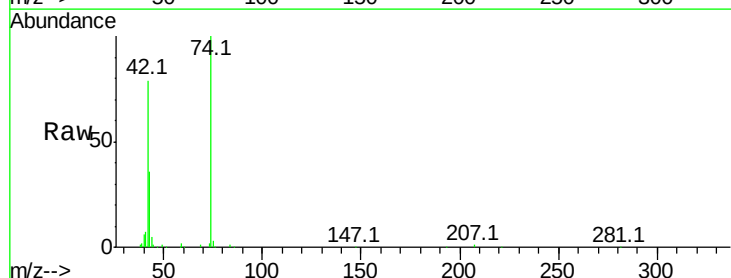
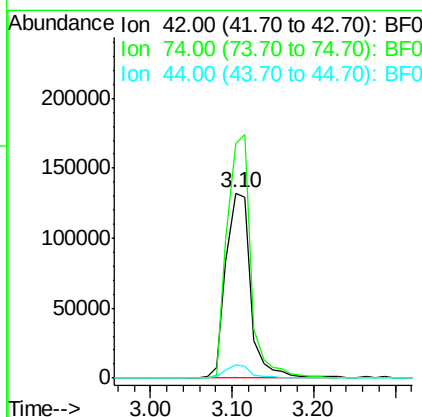
RT: 3.10 min Scan# 89

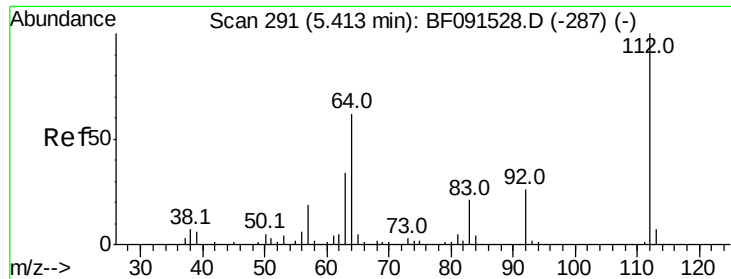
Delta R.T. 0.13 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

Tgt Ion	Ratio	Lower	Upper
42	100		
74	126.7	78.9	118.3#
44	6.9	5.8	8.6





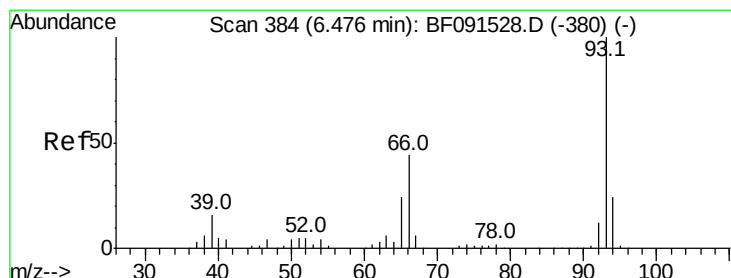
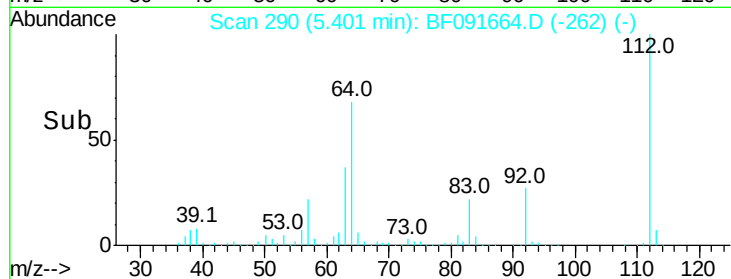
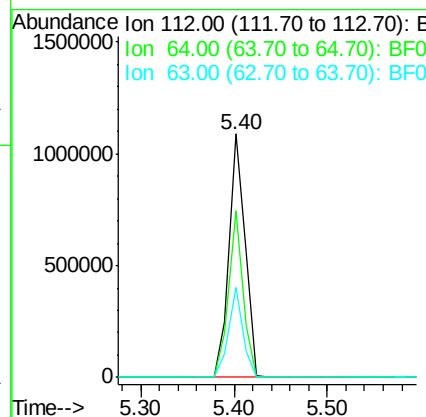
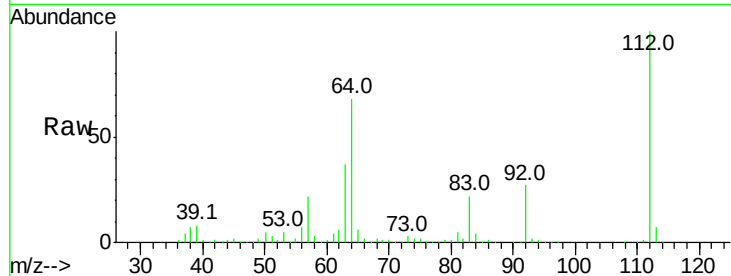
#5
2-Fluorophenol
Concen: 118.31 ng
RT: 5.40 min Scan# 290
Delta R.T. 0.02 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MS

Tot Ion	Ratio	Lower	Upper
112	100		
64	68.4	61.5	92.3
63	36.9	33.3	49.9

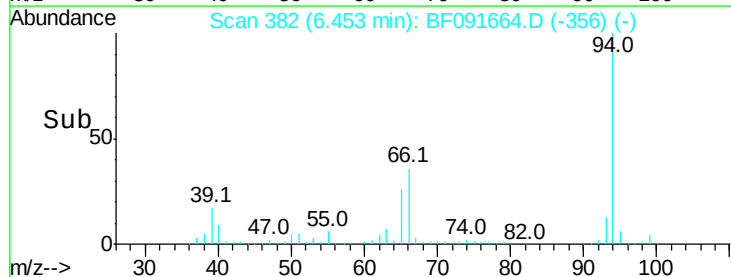
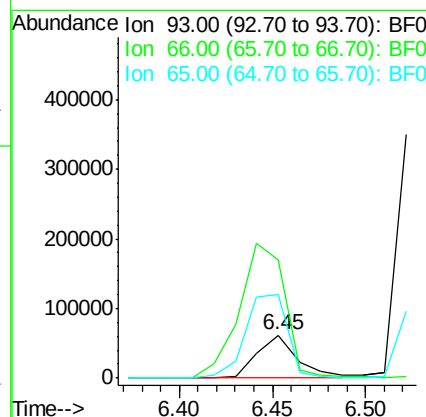
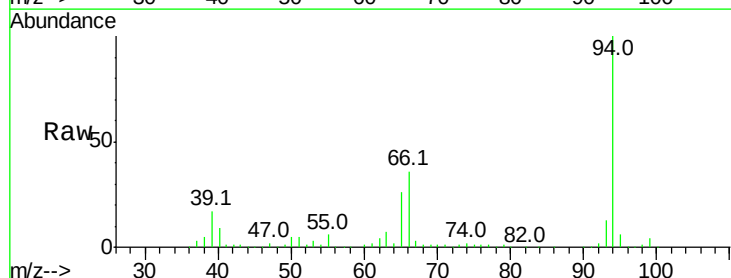
Manual Integrations
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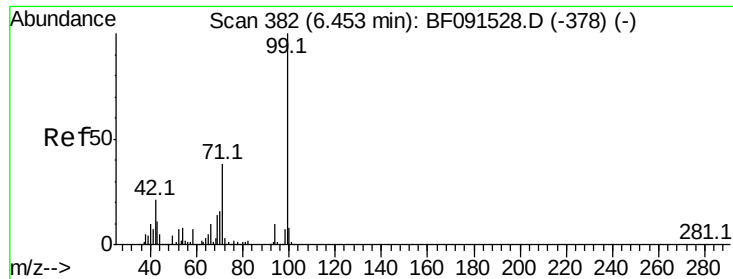
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#6
Aniline
Concen: 5.17 ng
RT: 6.45 min Scan# 382
Delta R.T. 0.00 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

Tgt Ion	Ratio	Lower	Upper
93	100		
66	273.0	55.8	83.6#
65	193.1	29.9	44.9#





#7

Phenol-d6

Concen: 128.32 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MS

Tot Ion: 99 Resp: 1780041

Ion Ratio Lower Upper

99 100

42 21.7 20.6 31.0

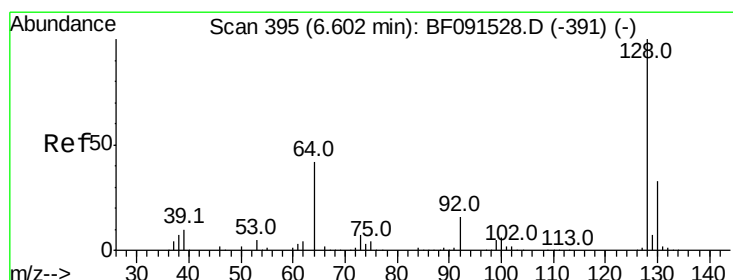
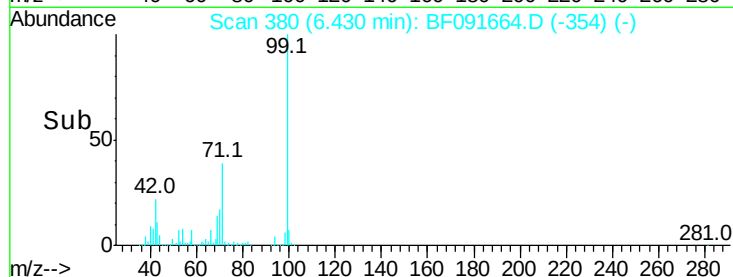
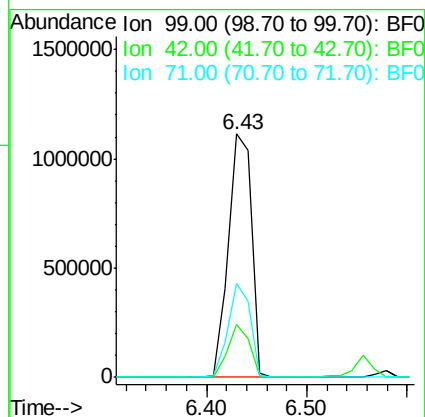
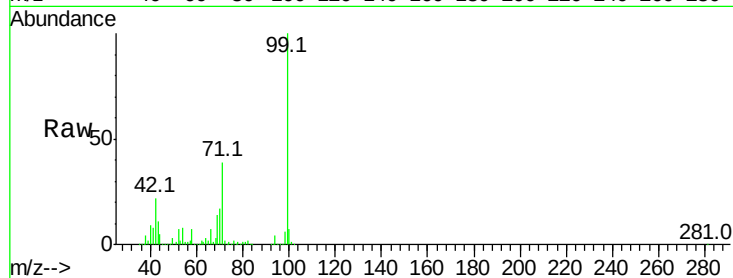
71 38.6 29.9 44.9

Manual Integrations

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#8

2-Chlorophenol

Concen: 42.43 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.01 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

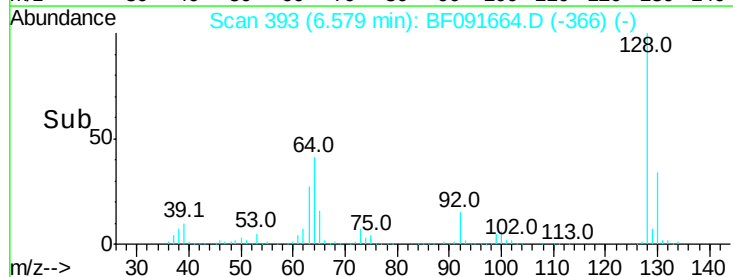
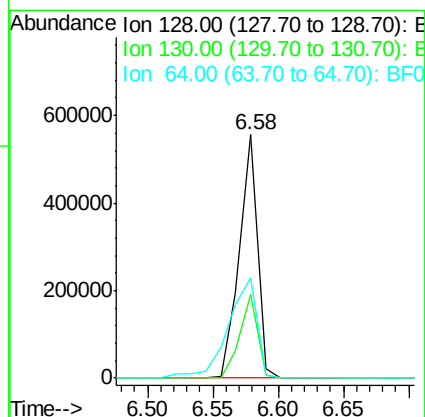
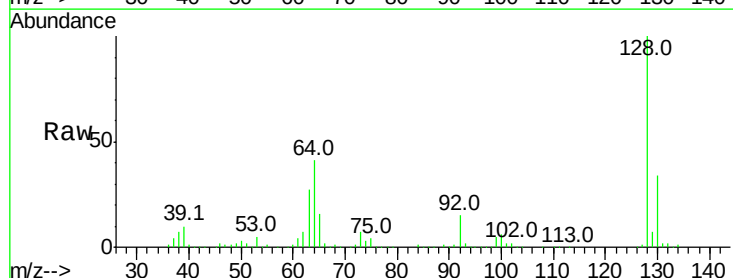
Tgt Ion: 128 Resp: 532896

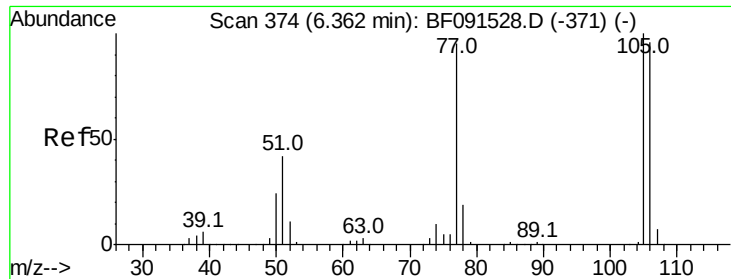
Ion Ratio Lower Upper

128 100

130 34.3 13.1 53.1

64 41.1 24.1 64.1





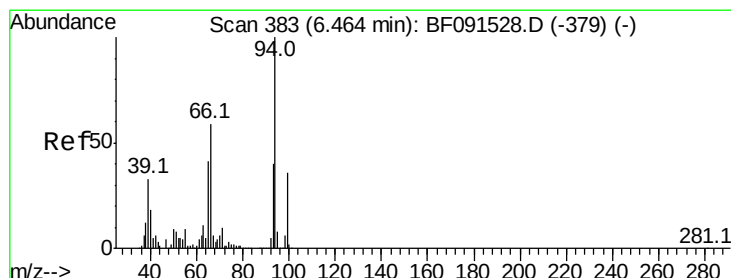
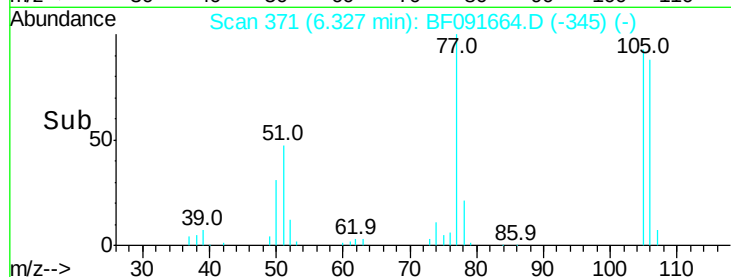
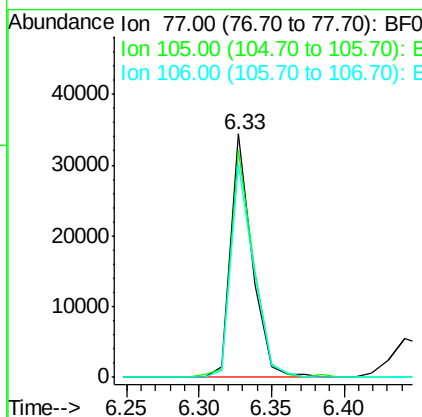
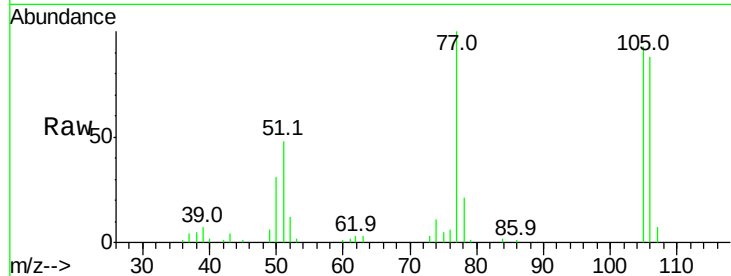
#9
Benzaldehyde
Concen: 3.69 ng
RT: 6.33 min Scan# 371
Delta R.T. 0.00 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MS

Tot Ion: 77 Resp: 35194
Ion Ratio Lower Upper
77 100
105 93.1 66.4 106.4
106 87.7 60.9 100.9

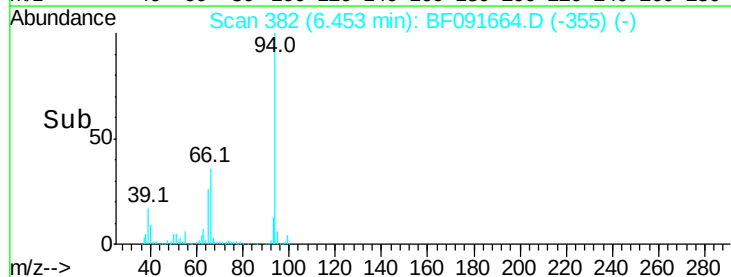
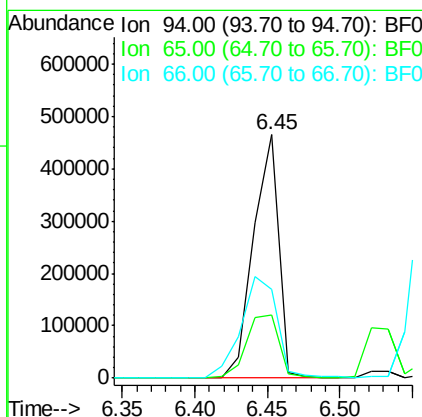
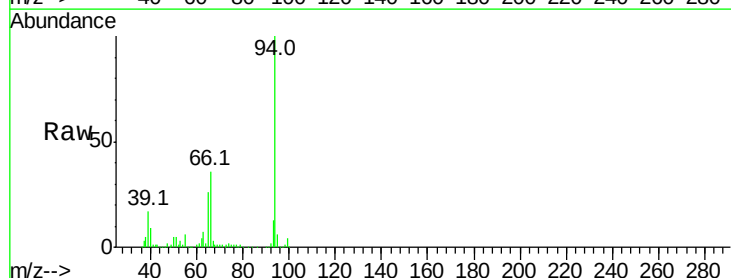
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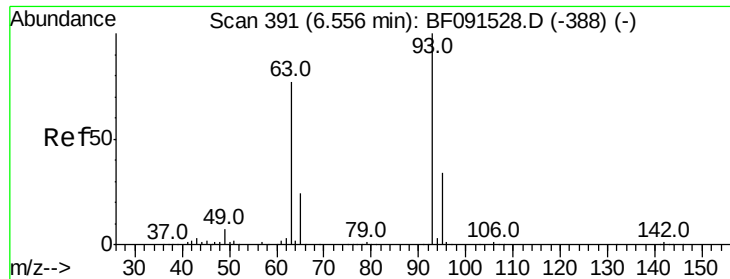
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#10
Phenol
Concen: 34.66 ng
RT: 6.45 min Scan# 382
Delta R.T. 0.01 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

Tgt Ion: 94 Resp: 562207
Ion Ratio Lower Upper
94 100
65 25.8 16.9 56.9
66 36.4 30.6 70.6





#11

bis(2-Chloroethyl)ether

Concen: 44.92 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.01 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

Instrument :

BNA_F

ClientSampleId :

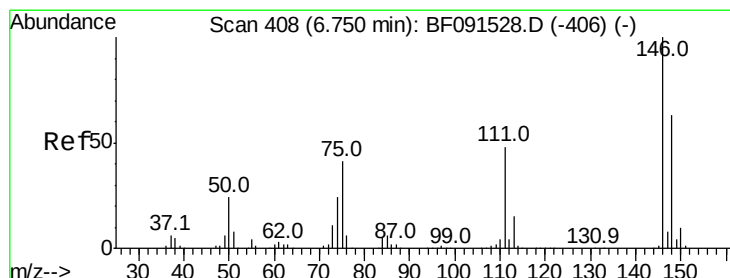
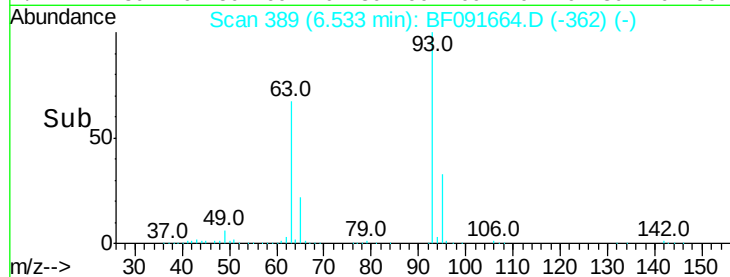
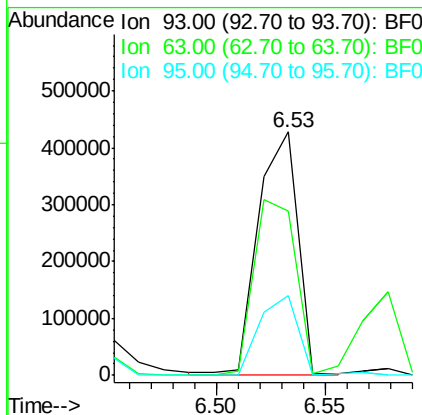
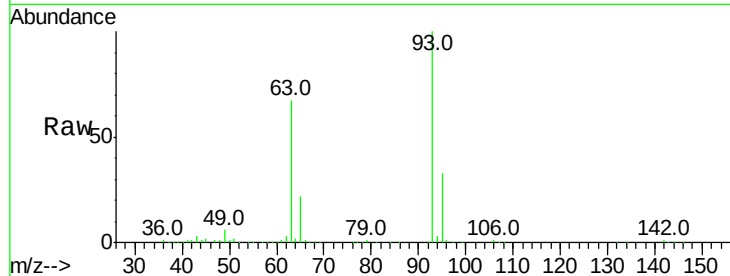
TP20-COMP6MS

Tot Ion: 93 Resp: 547335

Ion	Ratio	Lower	Upper
93	100		
63	67.3	74.8	114.8#
95	32.7	12.4	52.4

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#12

1,3-Dichlorobenzene

Concen: 40.60 ng

RT: 6.73 min Scan# 406

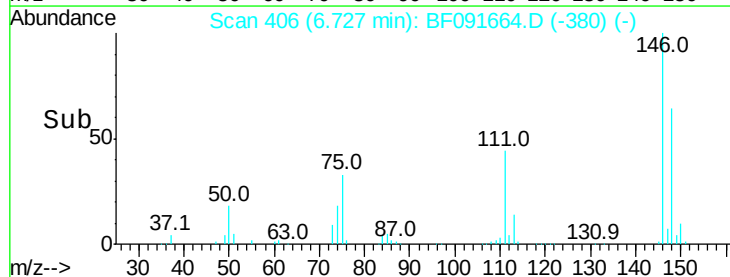
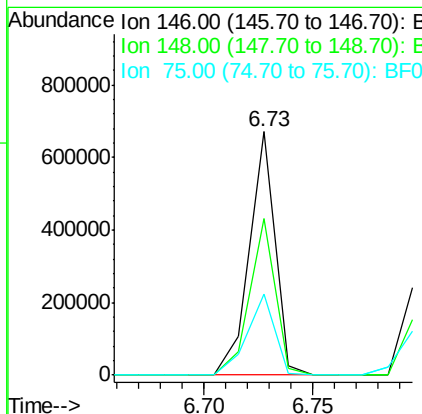
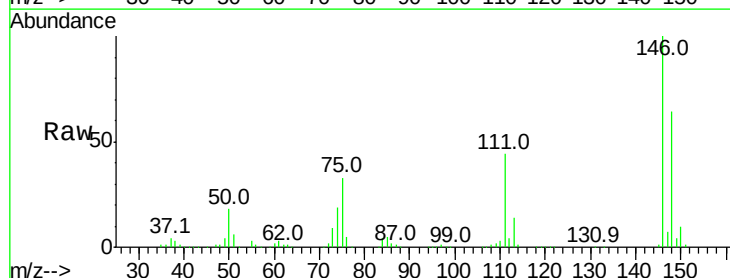
Delta R.T. 0.00 min

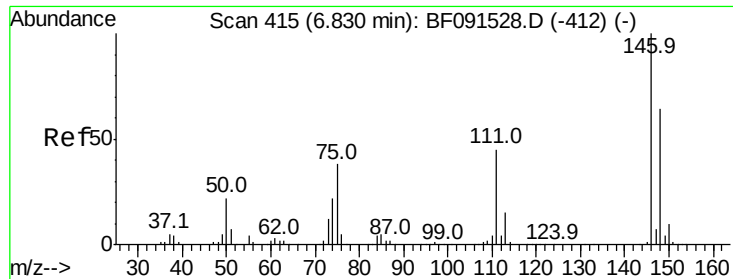
Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

Tgt Ion: 146 Resp: 552917

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.4	77.0
75	33.0	23.6	35.4





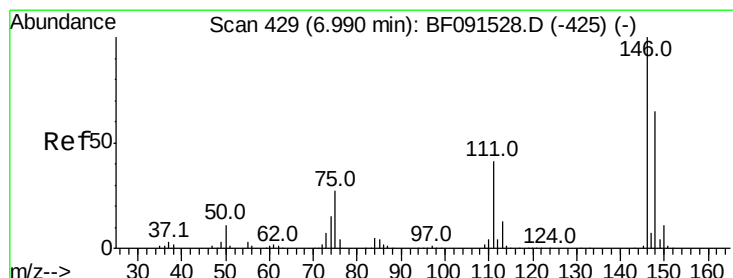
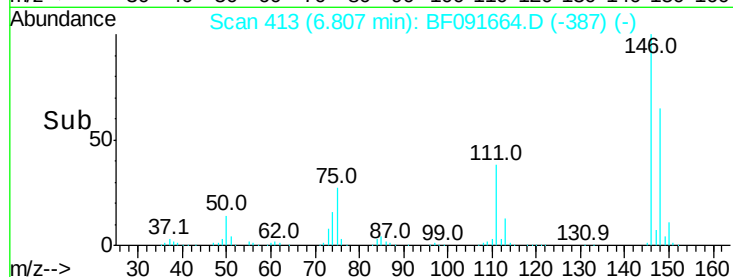
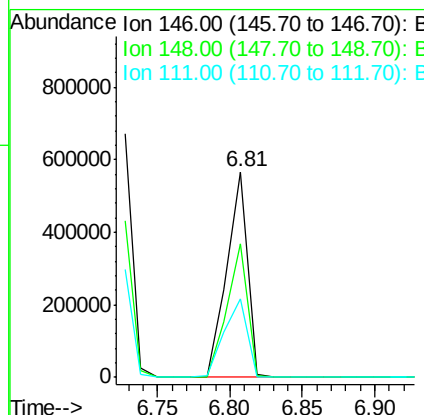
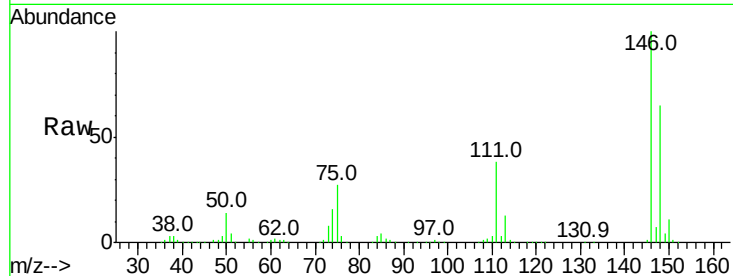
#13
 1,4-Dichlorobenzene
 Concen: 41.76 ng
 RT: 6.81 min Scan# 413
 Delta R.T. 0.00 min
 Lab File: BF091664.D
 Acq: 16 Dec 2016 9:18

Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.4	77.0
111	38.3	32.2	48.2

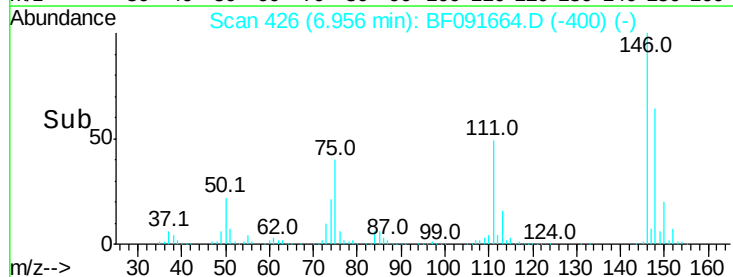
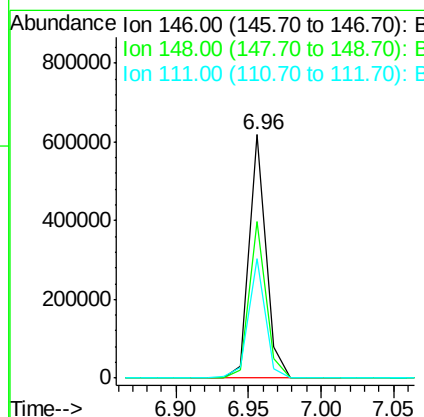
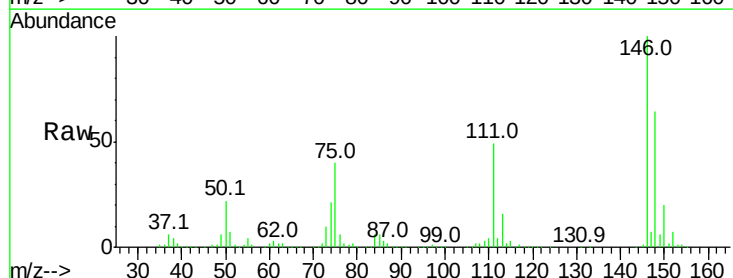
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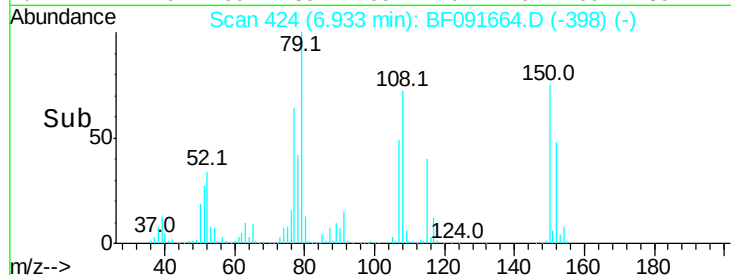
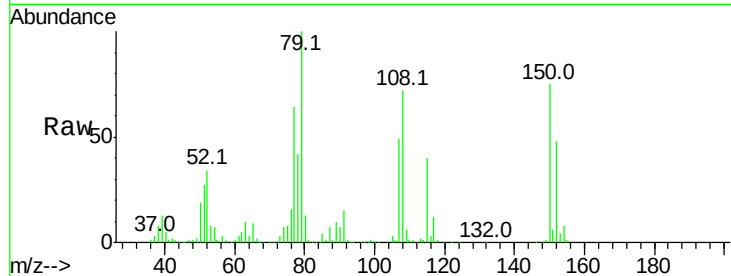
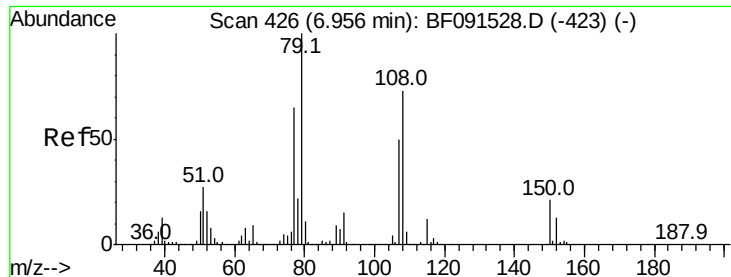
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#14
 1,2-Dichlorobenzene
 Concen: 41.22 ng
 RT: 6.96 min Scan# 426
 Delta R.T. 0.00 min
 Lab File: BF091664.D
 Acq: 16 Dec 2016 9:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.0	76.6
111	49.0	38.9	58.3





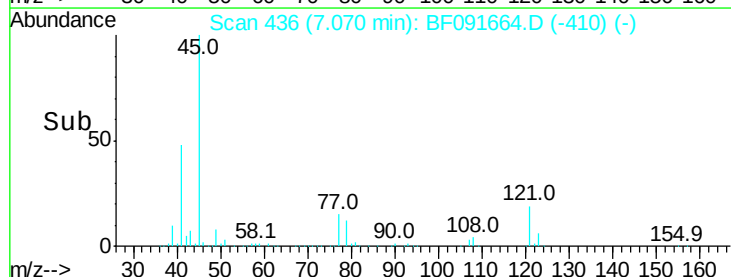
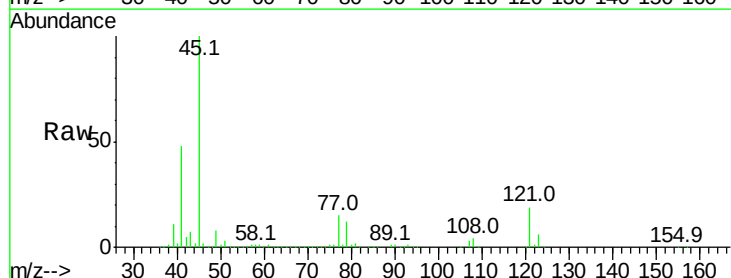
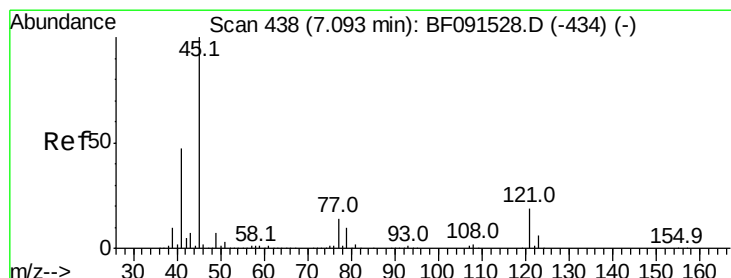
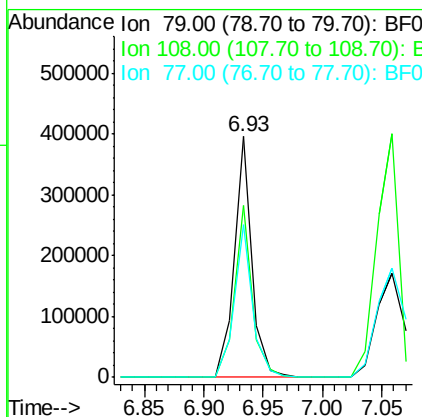
#15
Benzyl Alcohol
Concen: 37.29 ng
RT: 6.93 min Scan# 424
Delta R.T. 0.00 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.5	62.7	94.1
77	63.6	51.7	77.5

Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MS

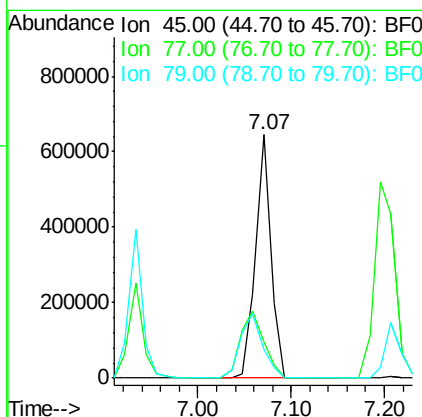
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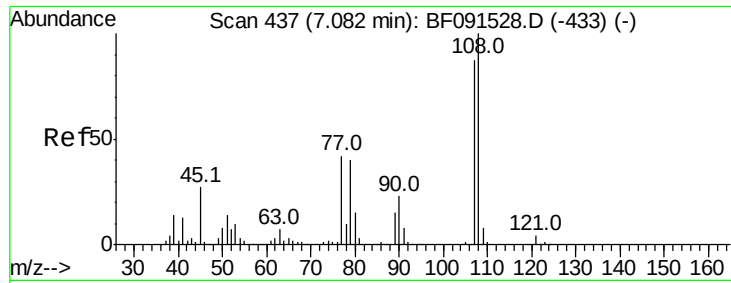
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.19 ng
RT: 7.07 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.8	3.8	43.8
79	11.7	0.2	40.2





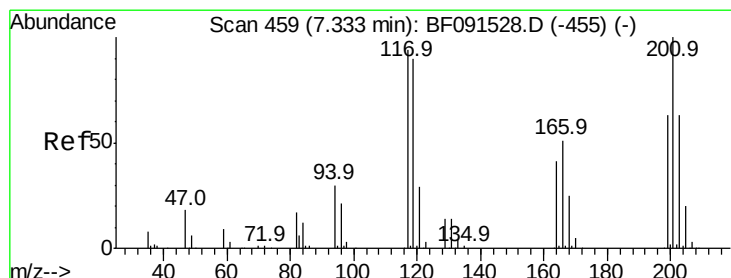
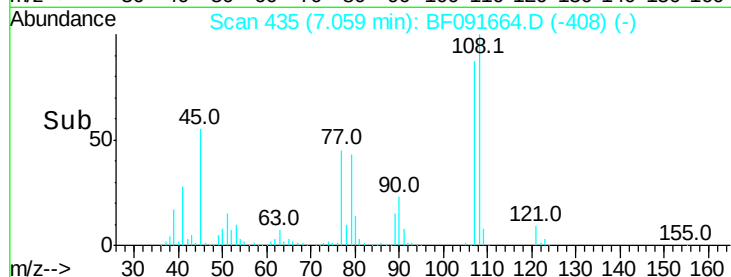
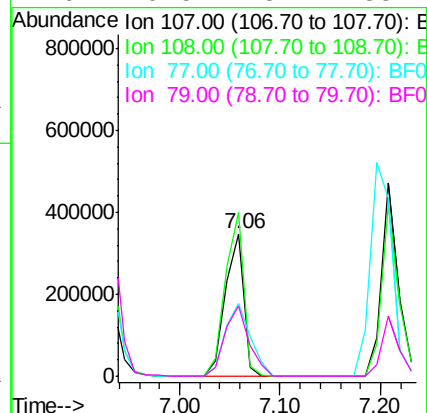
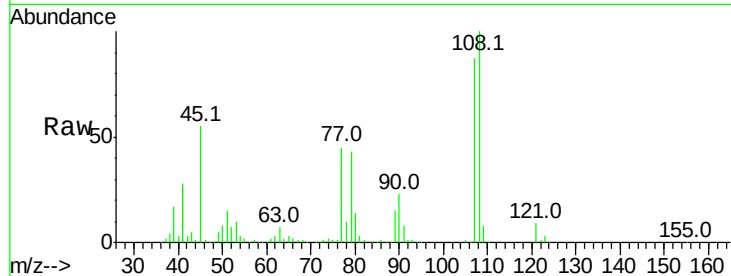
#17
2-Methylphenol
Concen: 42.61 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.01 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.3	67.7	101.5#
77	51.5	40.7	61.1
79	49.5	23.4	35.2#

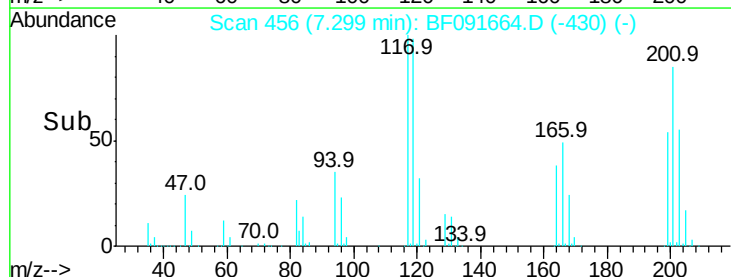
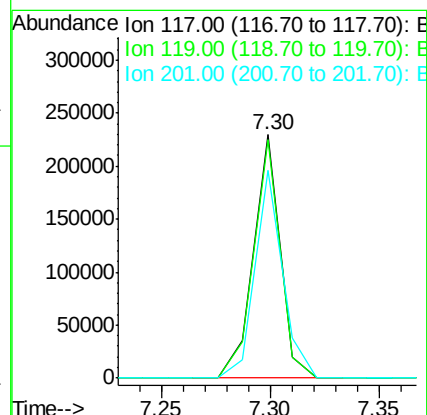
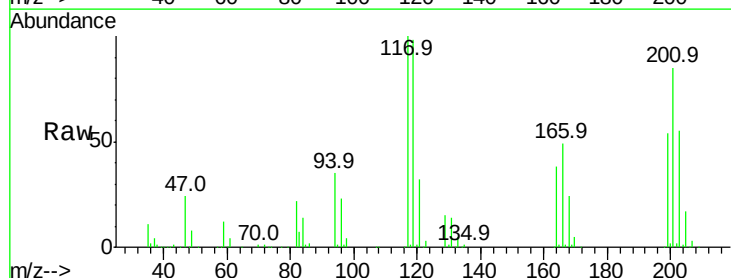
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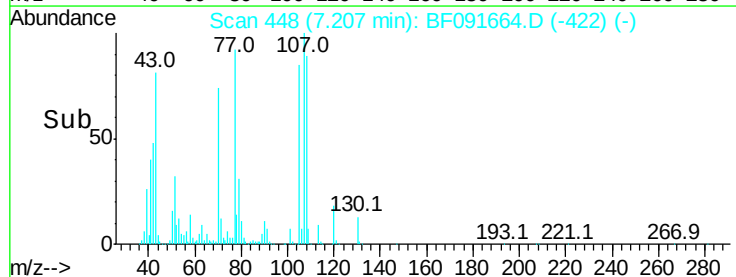
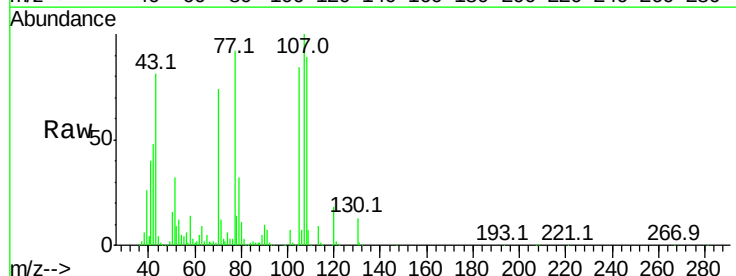
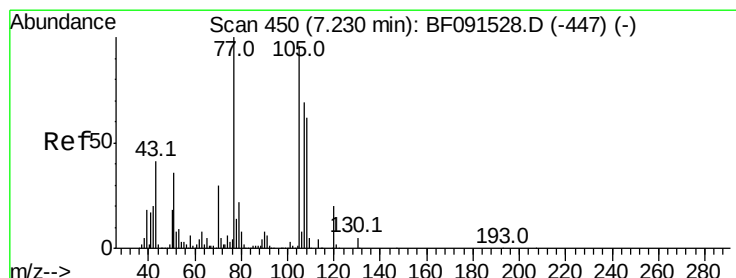
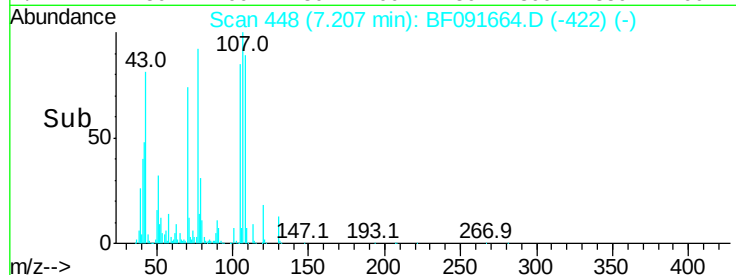
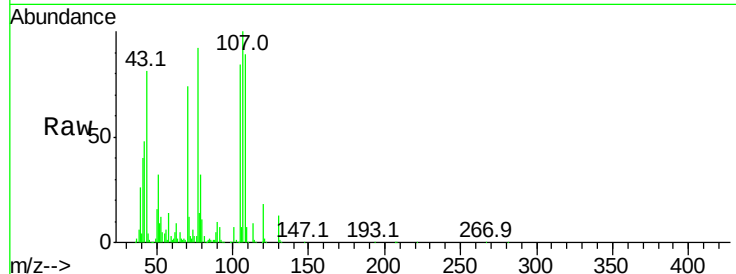
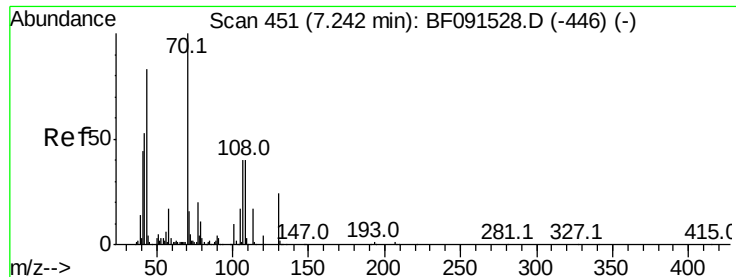
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#18
Hexachloroethane
Concen: 37.27 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	78.6	118.0
201	85.4	86.7	130.1#





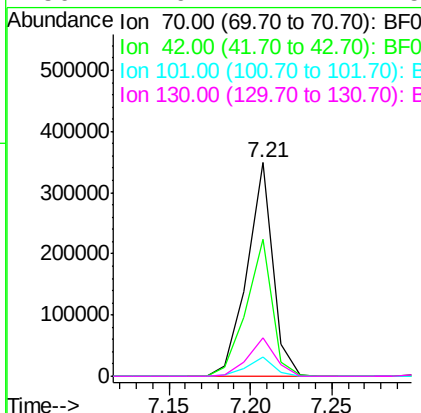
#19
n-Nitroso-di-n-propylamine
Concen: 44.09 ng
RT: 7.21 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.4	64.8	97.2#
101	8.9	6.2	9.4
130	17.9	11.7	17.5#

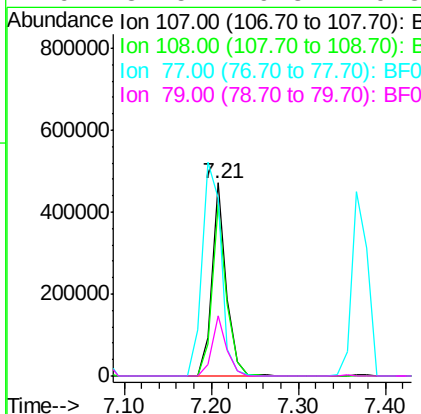
Manual Integrations
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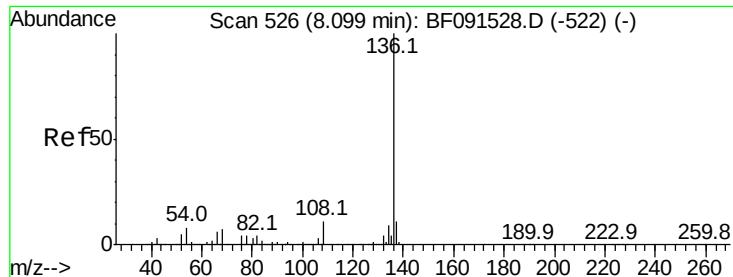
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#20
3+4-Methylphenols
Concen: 49.53 ng
RT: 7.21 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.2	64.6	104.6
77	92.4	30.9	70.9#
79	31.5	9.3	49.3





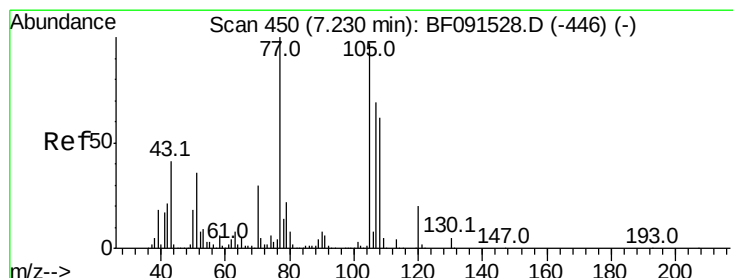
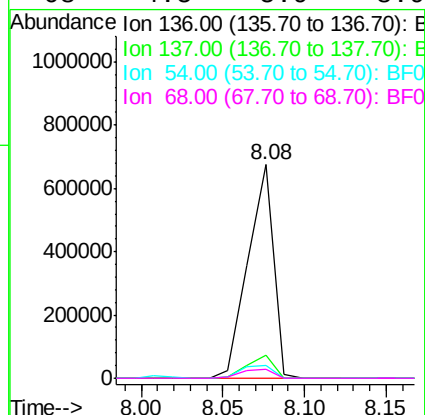
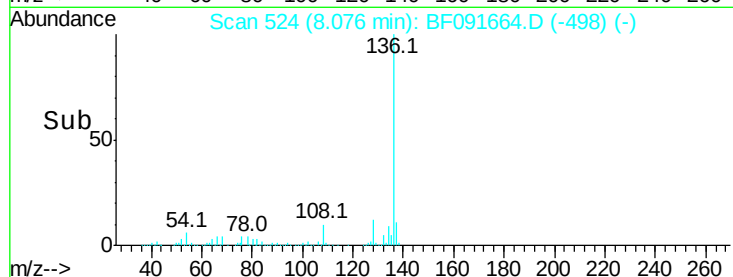
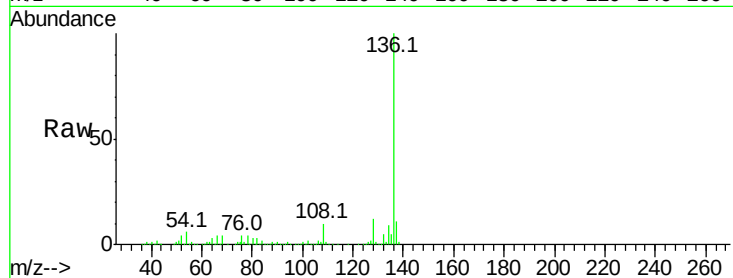
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.3	9.1	13.7#
68	4.5	5.9	8.9#

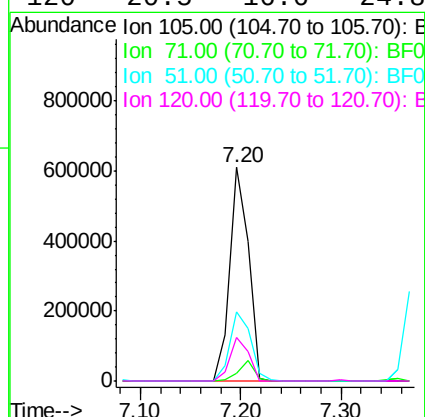
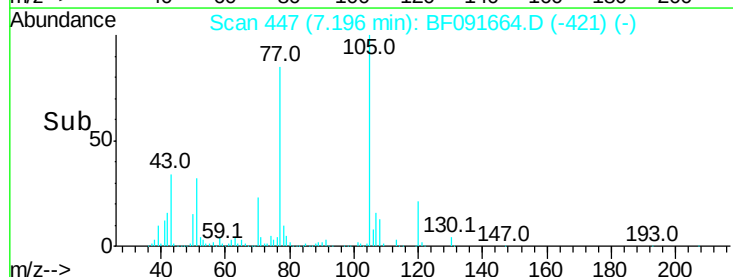
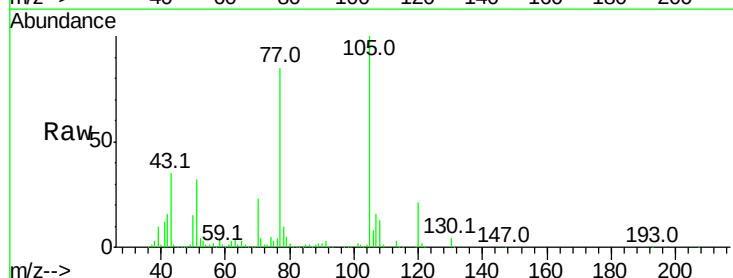
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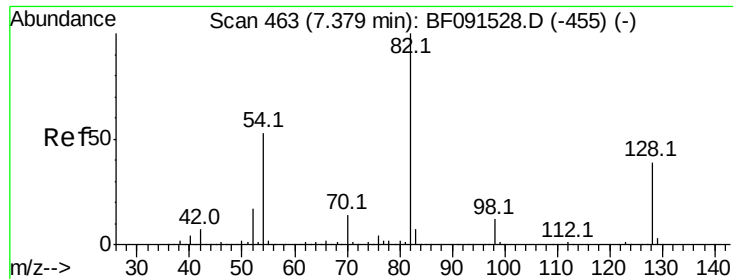
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#22
Acetophenone
Concen: 44.84 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	3.7	7.9	11.9#
51	32.5	24.5	36.7
120	20.5	16.6	24.8





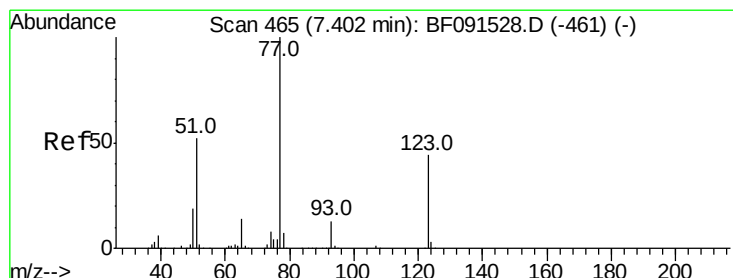
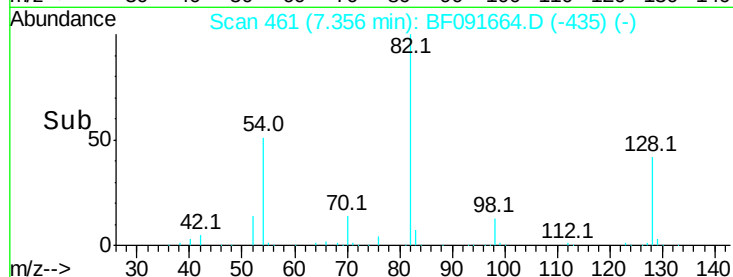
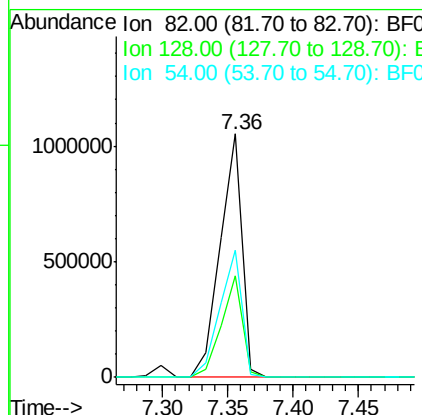
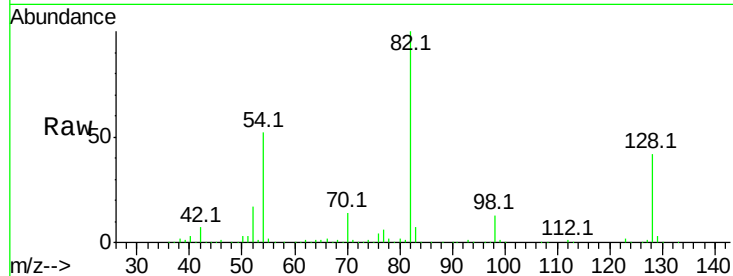
#23
 Nitrobenzene-d5
 Concen: 93.68 ng
 RT: 7.36 min Scan# 461
 Delta R.T. 0.00 min
 Lab File: BF091664.D
 Acq: 16 Dec 2016 9:18

Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.8	31.8	47.6
54	52.2	49.1	73.7

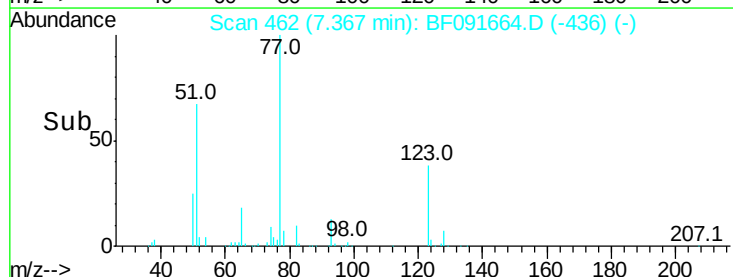
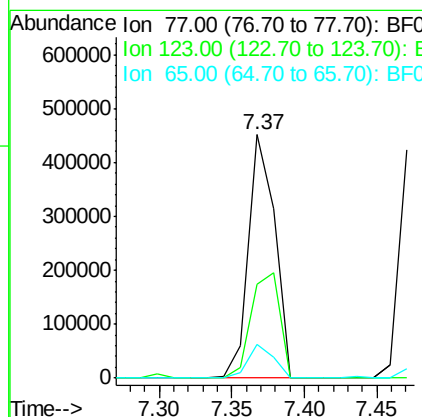
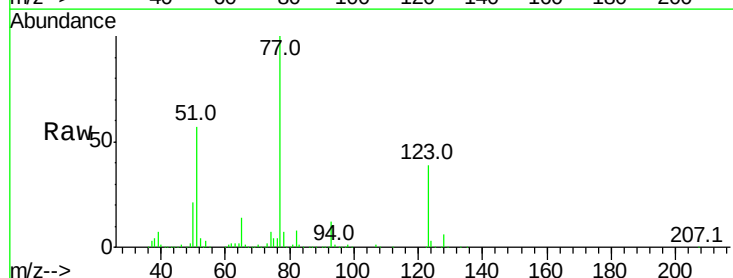
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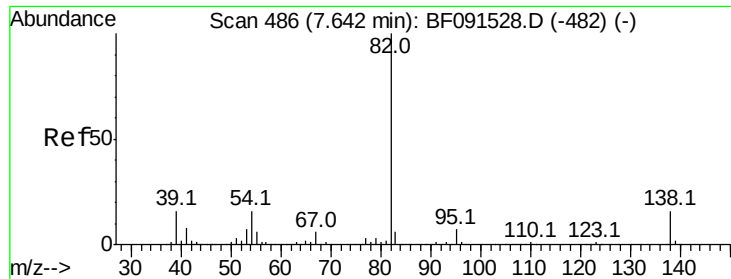
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#24
 Nitrobenzene
 Concen: 41.04 ng
 RT: 7.37 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF091664.D
 Acq: 16 Dec 2016 9:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.7	28.5	42.7
65	14.1	12.5	18.7





#25

Isophorone

Concen: 46.90 ng

RT: 7.62 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MS

Tot Ion: 82 Resp: 1097620

Ion Ratio Lower Upper

82 100

95 7.6 5.7 8.5

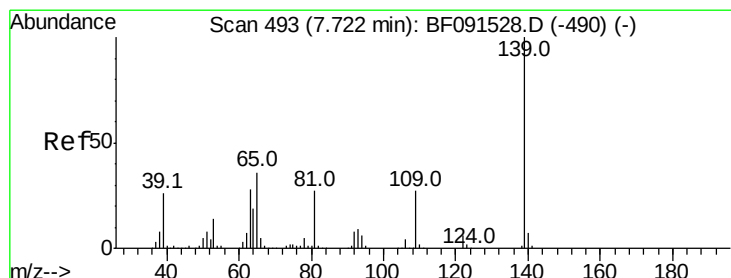
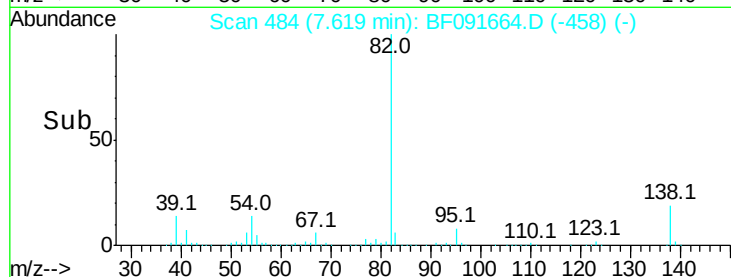
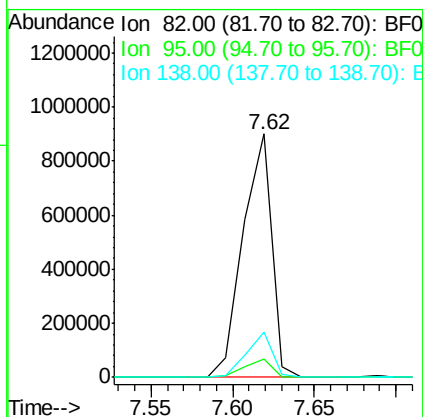
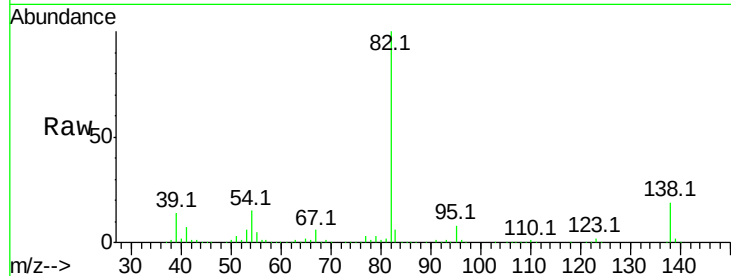
138 18.8 13.4 20.0

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#26

2-Nitrophenol

Concen: 41.54 ng

RT: 7.69 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

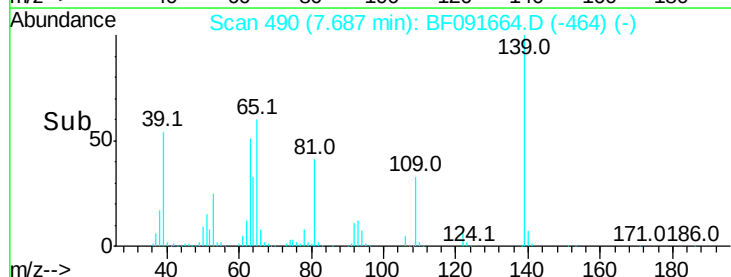
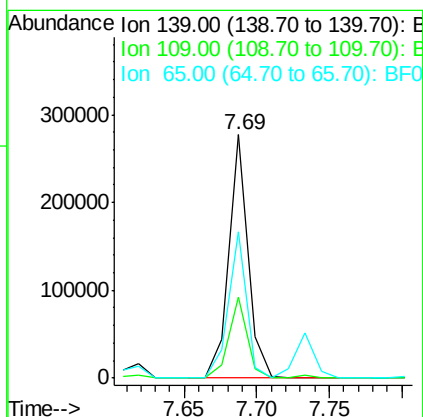
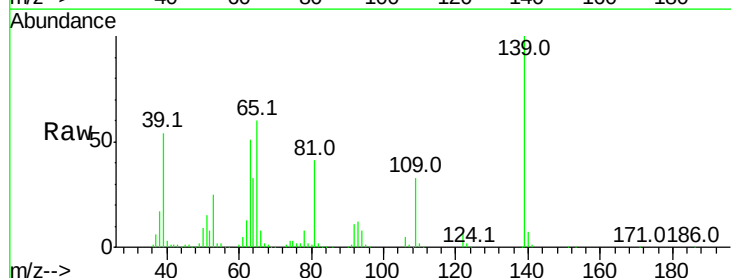
Tgt Ion: 139 Resp: 255020

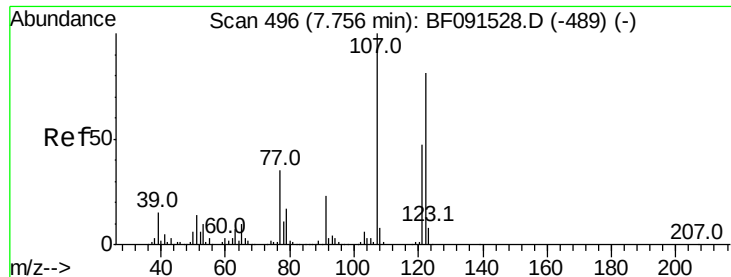
Ion Ratio Lower Upper

139 100

109 33.5 25.3 37.9

65 60.2 55.4 83.2





#27

2,4-Dimethylphenol

Concen: 42.33 ng

RT: 7.73 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

Instrument :

BNA_F

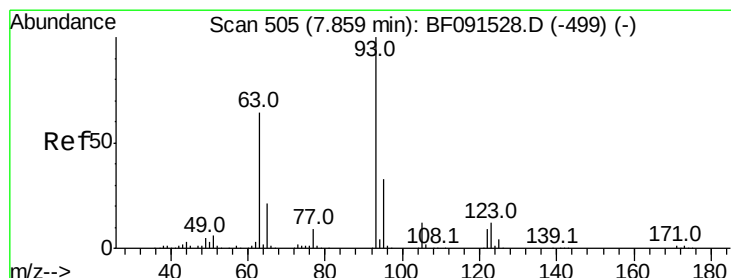
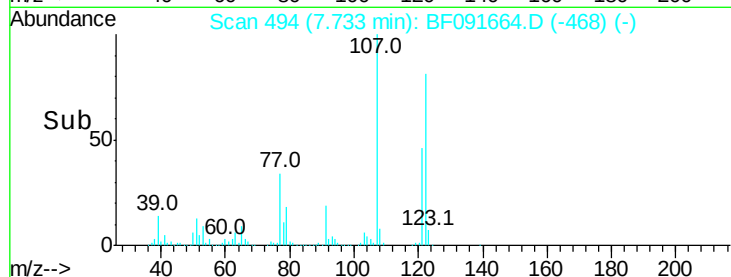
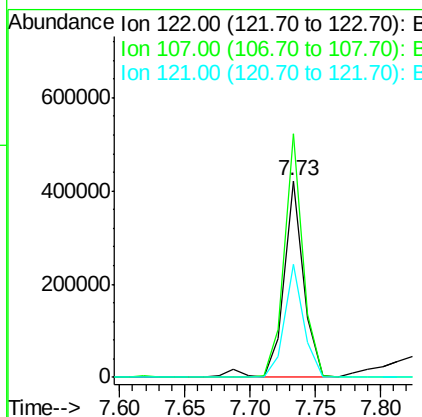
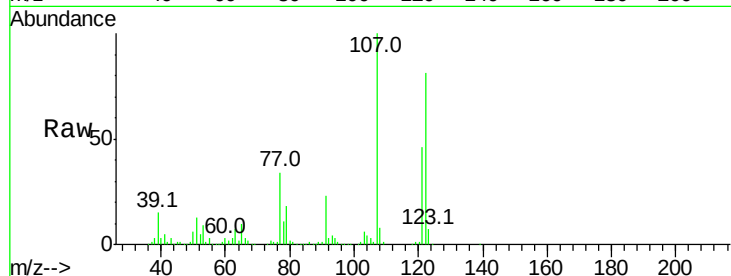
ClientSampleId :

TP20-COMP6MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	456449		
107	123.7	96.8	145.2	
121	57.4	47.7	71.5	

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#28

bis(2-Chloroethoxy)methane

Concen: 45.44 ng

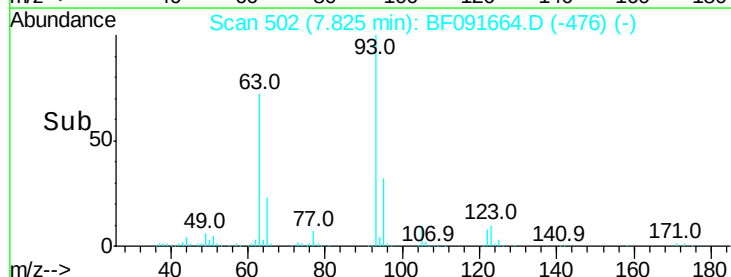
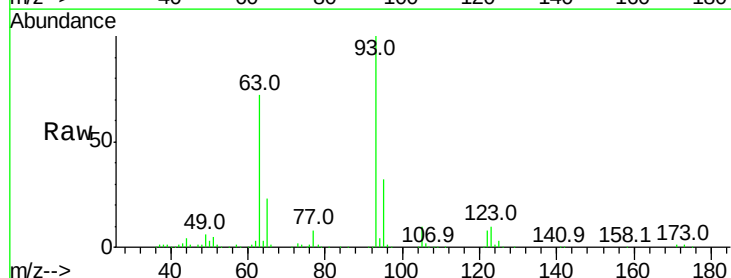
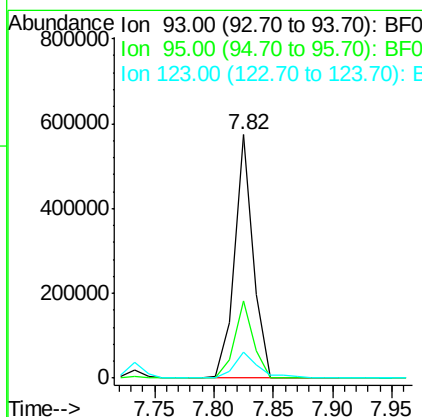
RT: 7.82 min Scan# 502

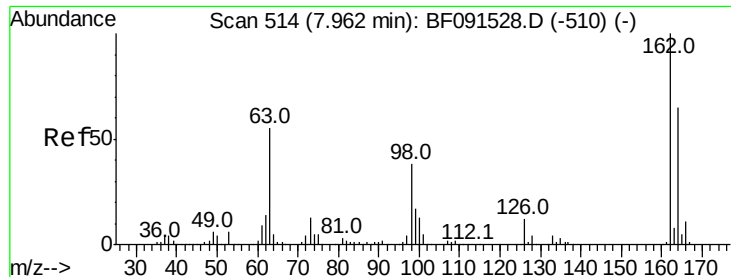
Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	623759		
95	31.7	26.0	39.0	
123	10.5	8.6	12.8	





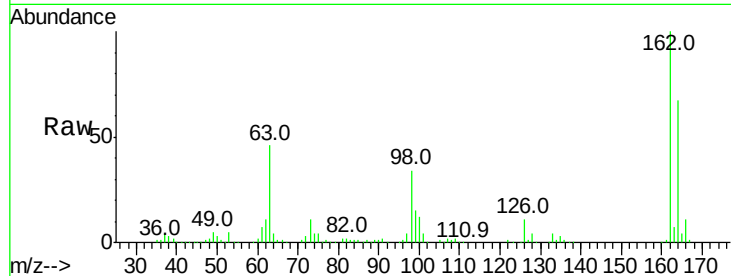
#29
2,4-Dichlorophenol
Concen: 46.86 ng
RT: 7.94 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MS

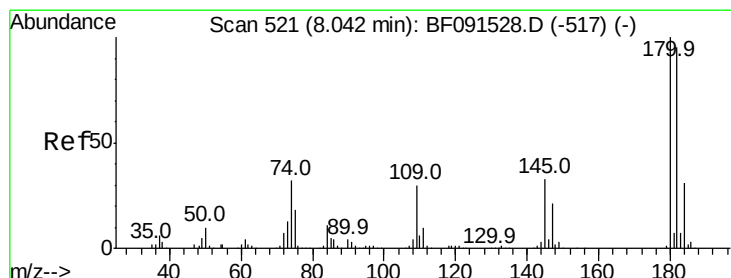
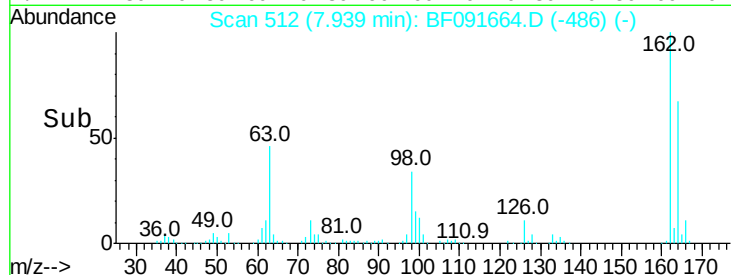
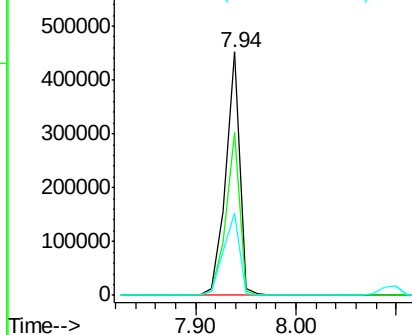
Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	66.7	45.0	85.0
98	33.7	21.3	61.3

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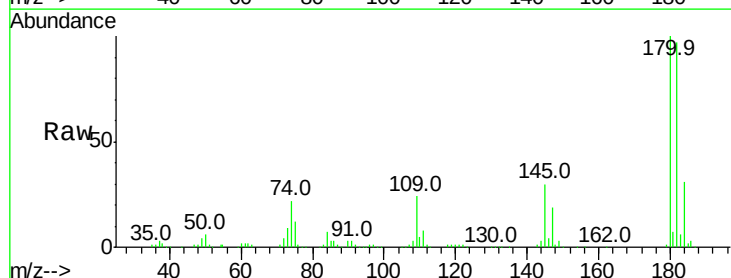


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

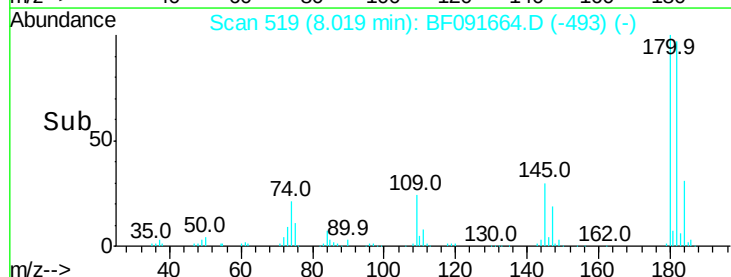
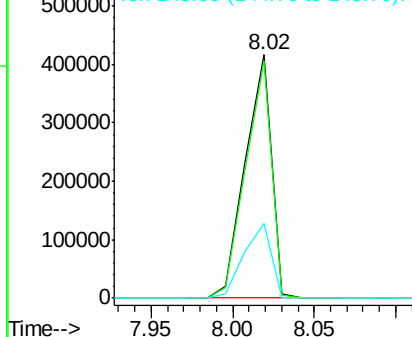


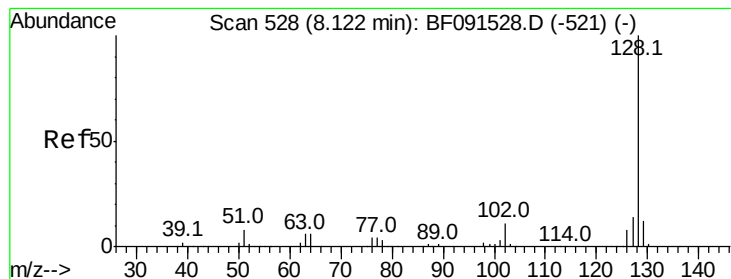
#30
1,2,4-Trichlorobenzene
Concen: 43.43 ng
RT: 8.02 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.5	75.8	113.8
145	30.4	27.0	40.4



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





#31

Naphthalene

Concen: 44.16 ng

RT: 8.10 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MS

Tot Ion:128 Resp: 1509779

Ion Ratio Lower Upper

128 100

129 10.9 9.1 13.7

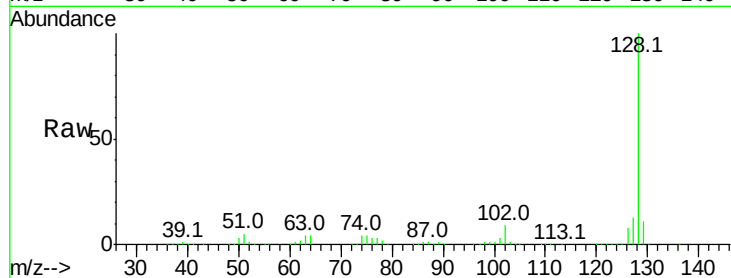
127 13.1 11.0 16.4

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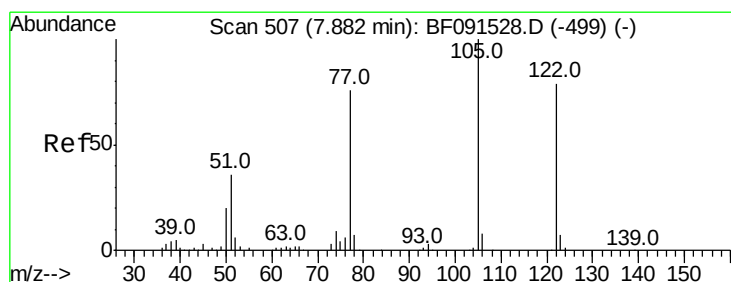
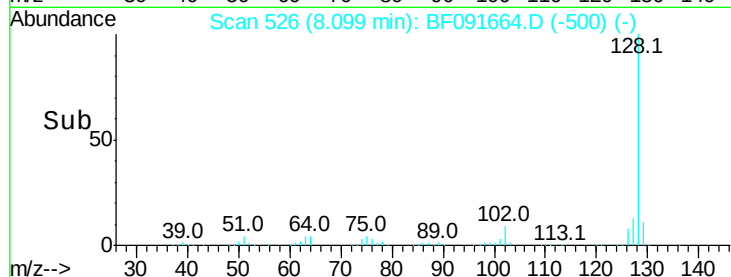
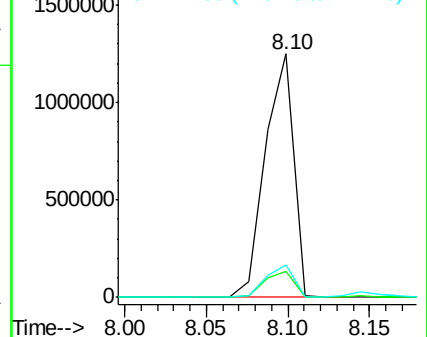
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.15 ng

RT: 7.86 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

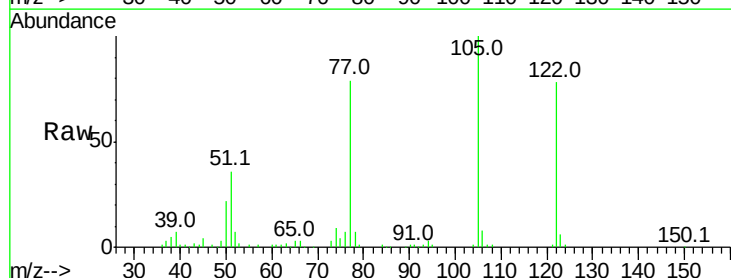
Tgt Ion:122 Resp: 277930

Ion Ratio Lower Upper

122 100

105 127.6 113.0 153.0

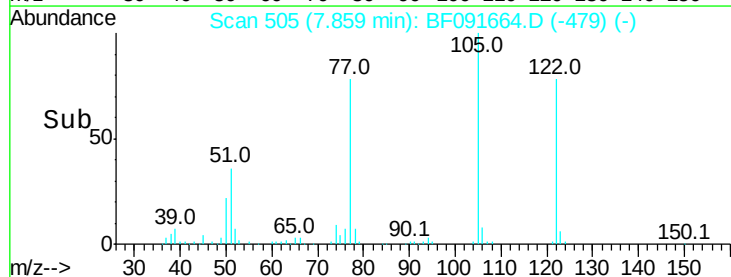
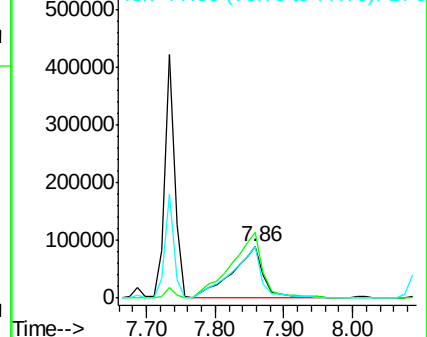
77 101.3 82.0 122.0

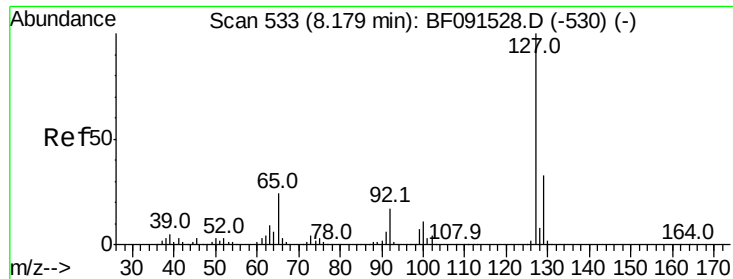


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





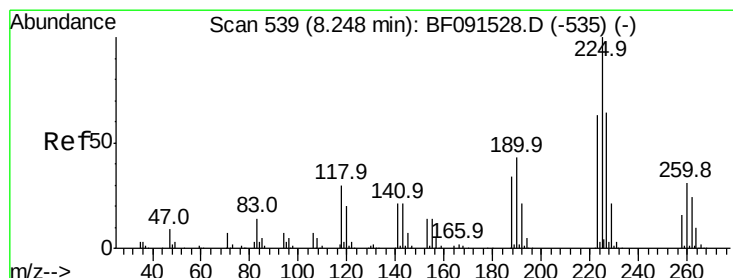
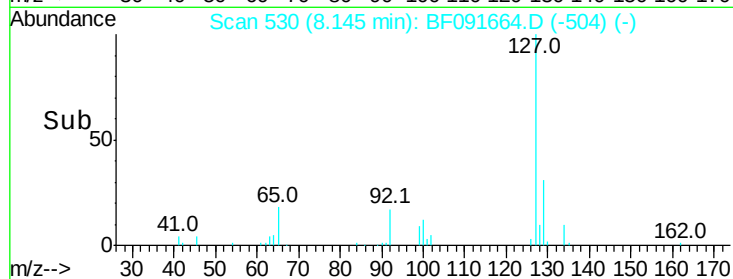
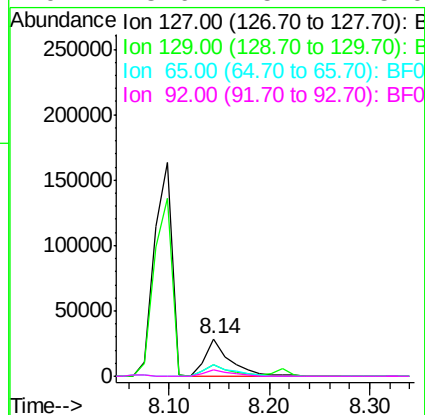
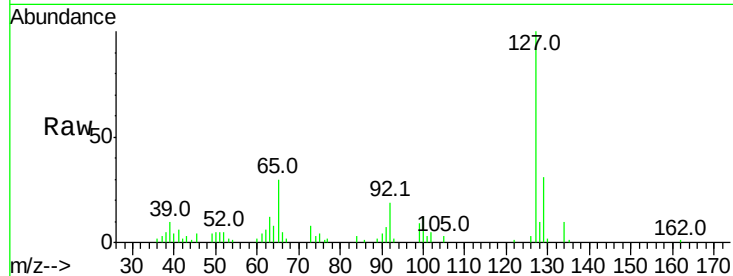
#33
4-Chloroaniline
Concen: 3.33 ng
RT: 8.14 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.9	26.2	39.4
65	30.0	26.6	39.8
92	18.6	15.4	23.0

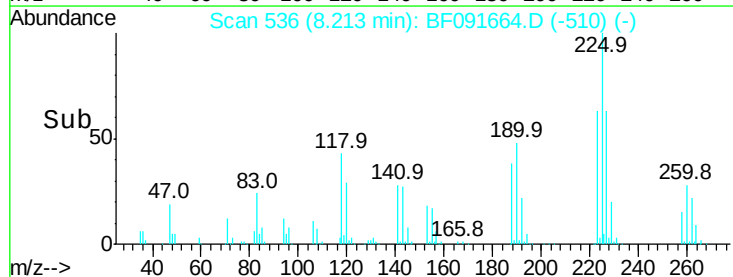
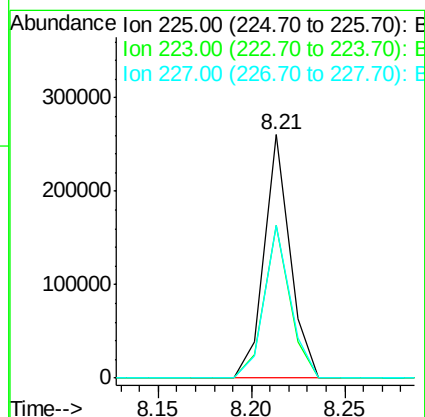
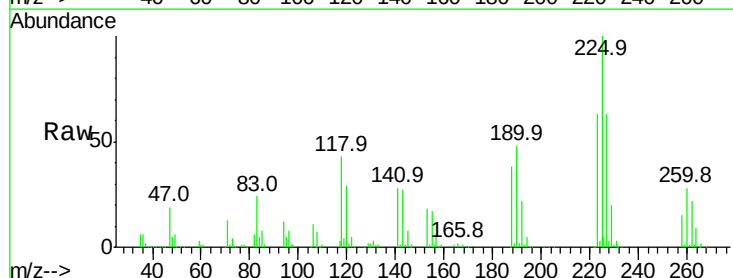
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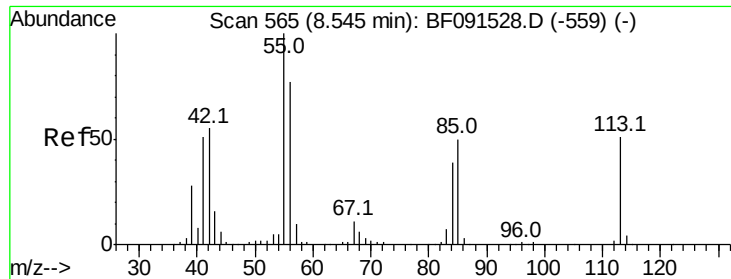
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#34
Hexachlorobutadiene
Concen: 40.72 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.8	74.6
227	62.8	52.6	79.0





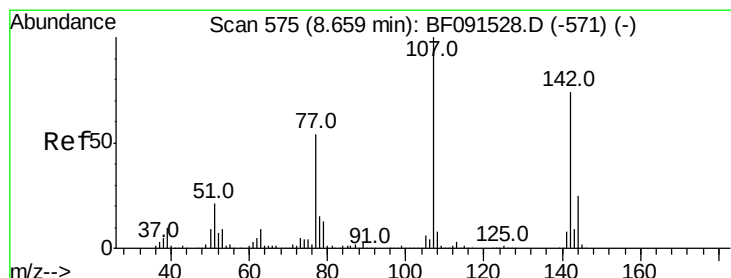
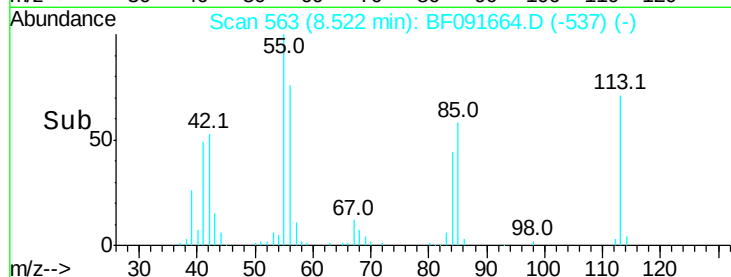
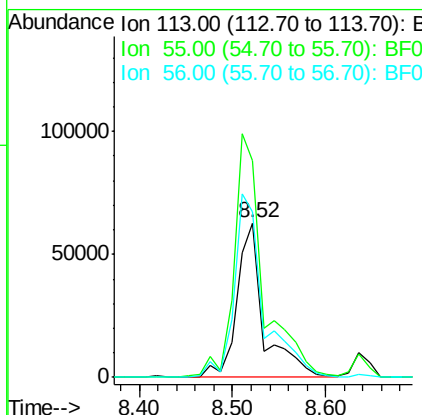
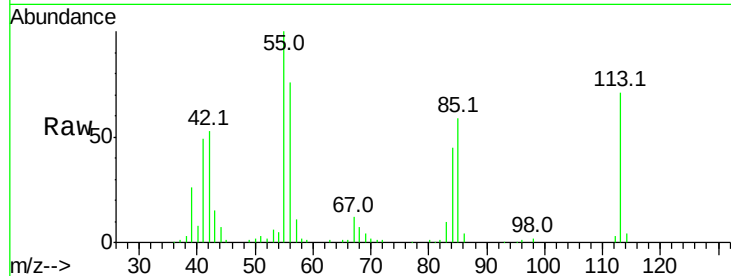
#35
 Caprolactam
 Concen: 46.35 ng
 RT: 8.52 min Scan# 563
 Delta R.T. 0.00 min
 Lab File: BF091664.D
 Acq: 16 Dec 2016 9:18

Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	140.4	239.8	279.8#
56	107.2	165.6	205.6#

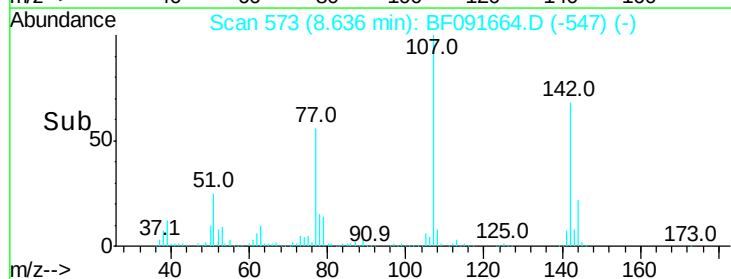
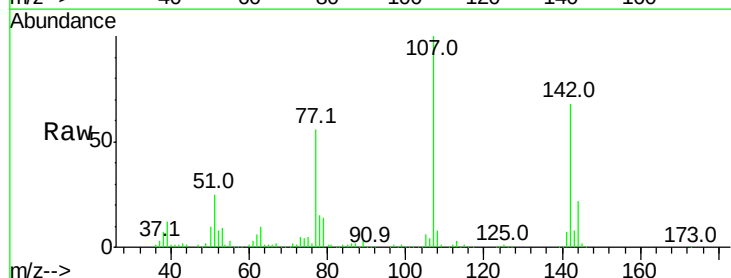
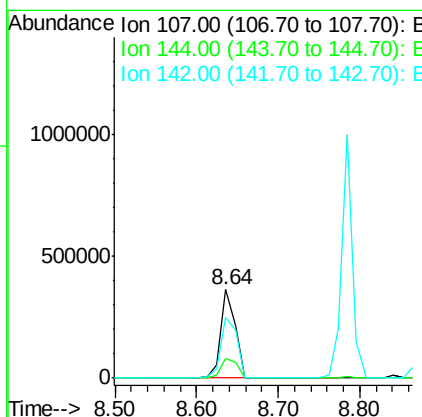
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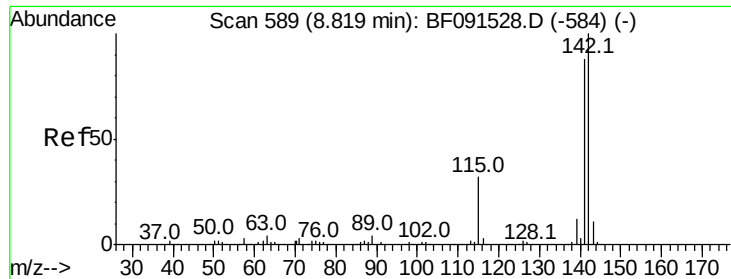
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#36
 4-Chloro-3-methylphenol
 Concen: 42.54 ng
 RT: 8.64 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF091664.D
 Acq: 16 Dec 2016 9:18

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.9	18.9	28.3
142	68.3	58.5	87.7





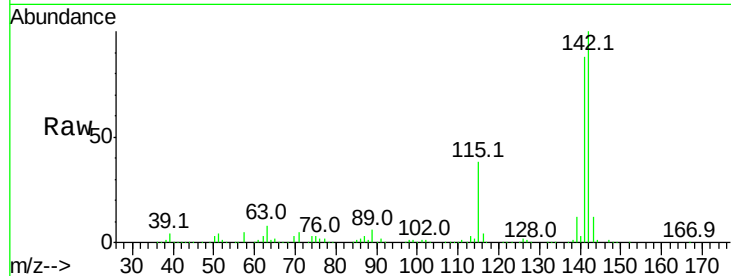
#37
2-Methylnaphthalene
Concen: 42.14 ng/ml
RT: 8.78 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MS

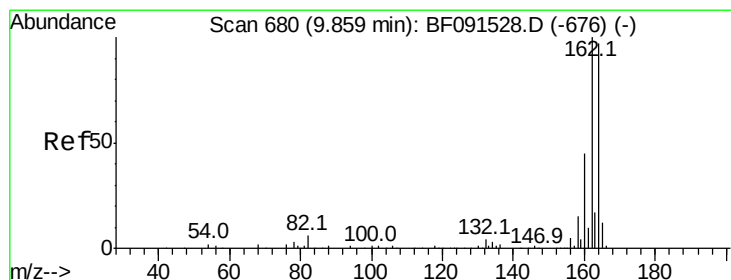
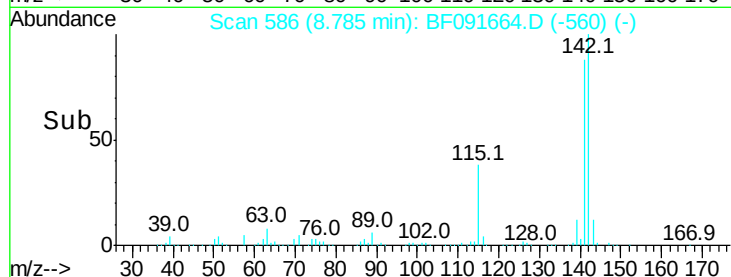
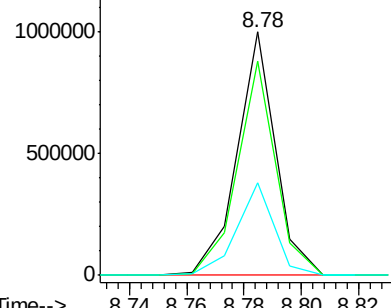
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.7	107.5
115	38.0	25.0	37.6

Manual Integrations
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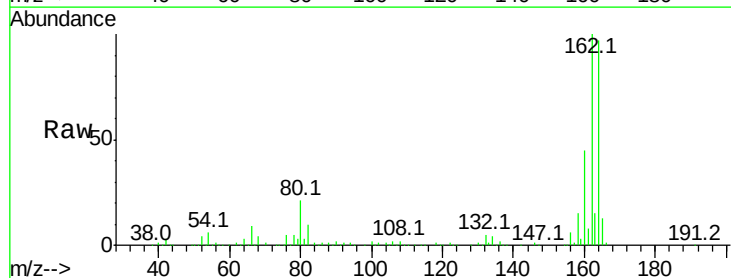


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

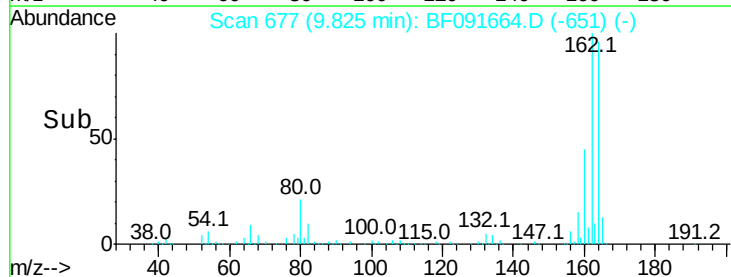
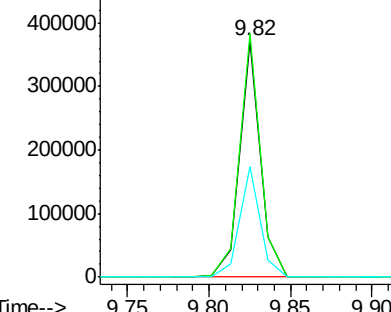


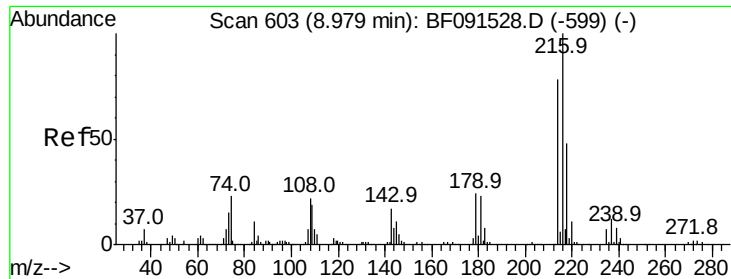
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.6	124.0
160	46.6	36.7	55.1



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





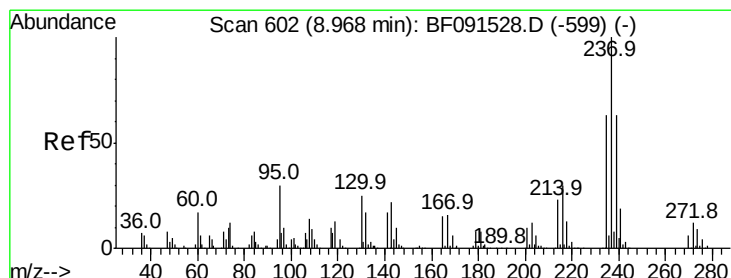
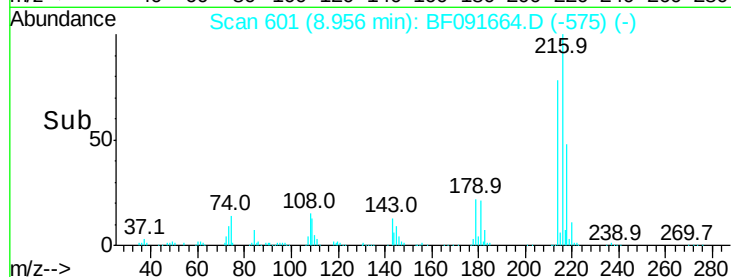
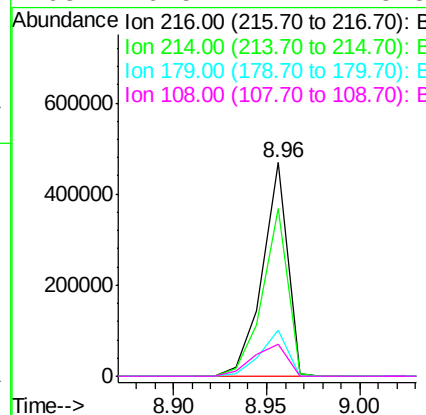
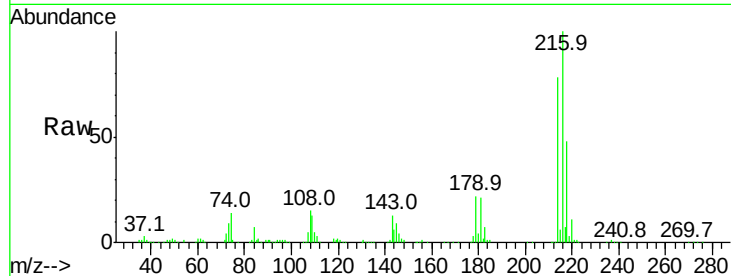
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.36 ng
 RT: 8.96 min Scan# 601
 Delta R.T. 0.00 min
 Lab File: BF091664.D
 Acq: 16 Dec 2016 9:18

Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	437560		
214	78.9	63.8	95.8	
179	22.8	18.2	27.2	
108	20.5	17.2	25.8	

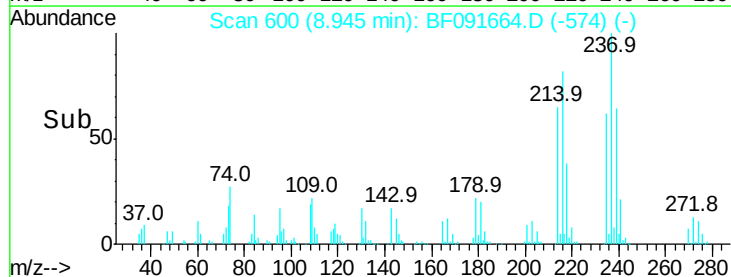
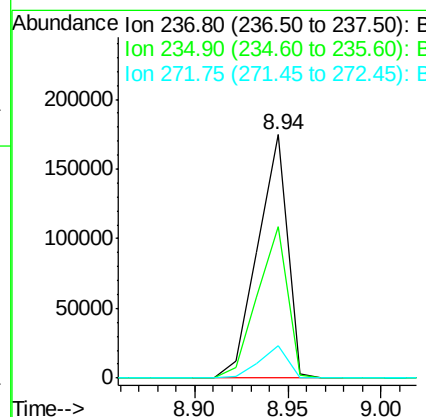
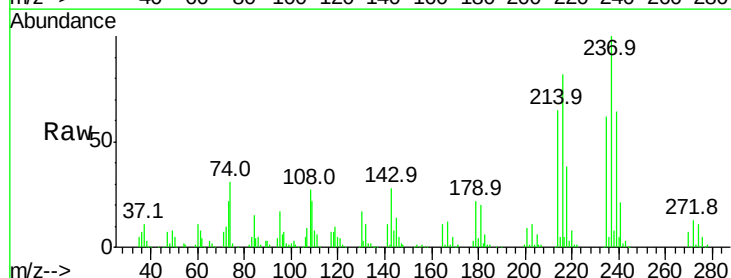
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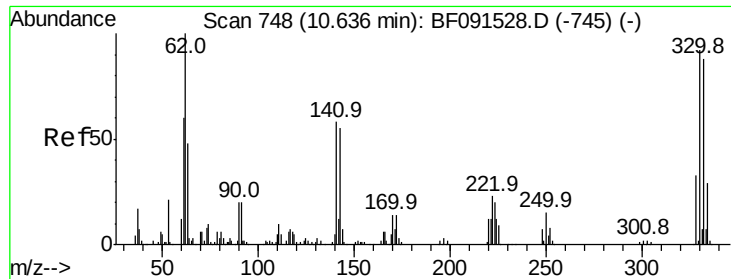
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#40
 Hexachlorocyclopentadiene
 Concen: 47.67 ng
 RT: 8.94 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF091664.D
 Acq: 16 Dec 2016 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	192304		
235	62.4	43.9	83.9	
272	13.4	0.0	33.1	





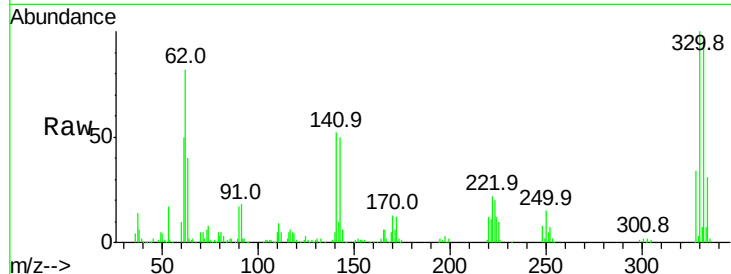
#41
 2,4,6-Tribromophenol
 Concen: 116.45 ng
 RT: 10.61 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF091664.D
 Acq: 16 Dec 2016 9:18

Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6MS

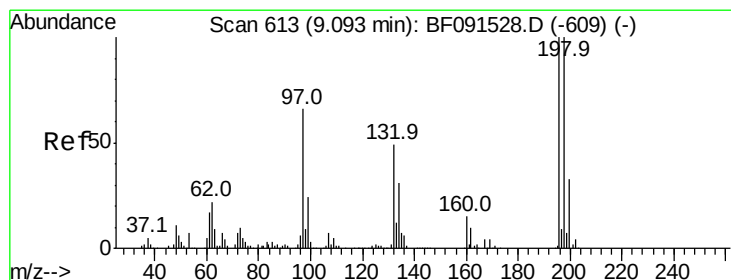
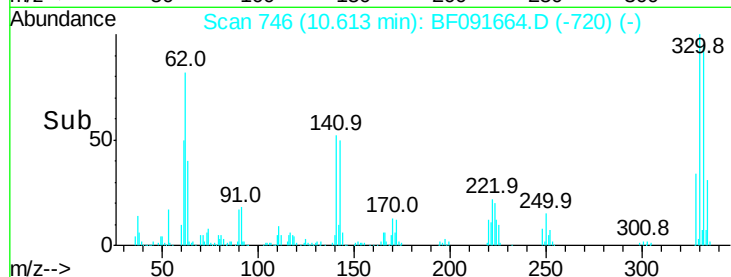
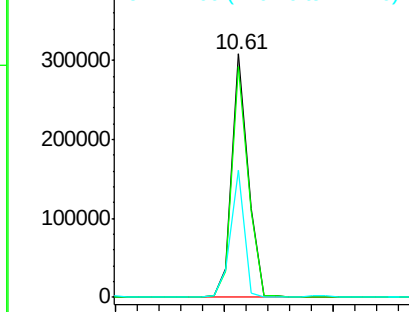
Tot Ion	Ratio	Resp	Lower	Upper
330	100	319077		
332	95.3	76.2	114.4	
141	44.6	33.6	50.4	

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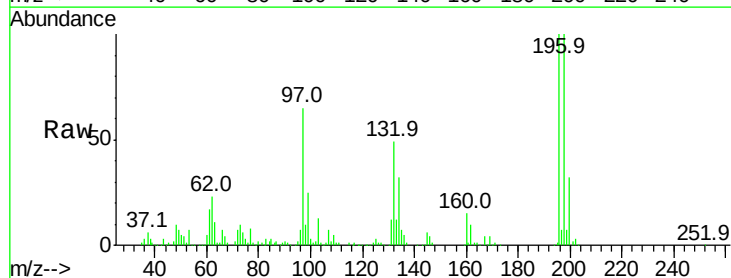


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

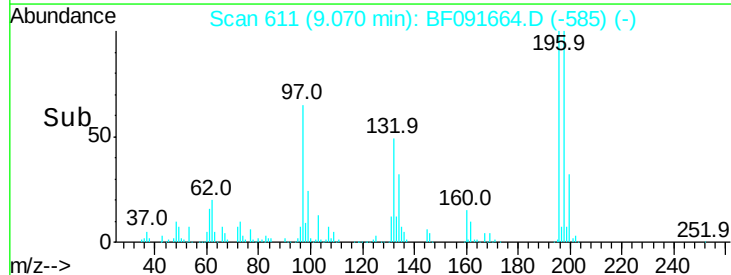
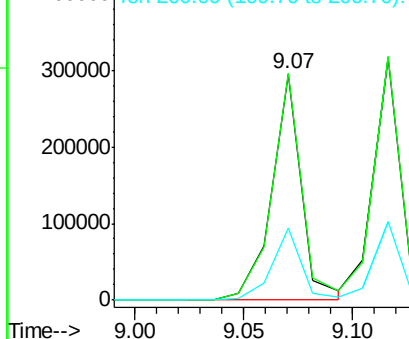


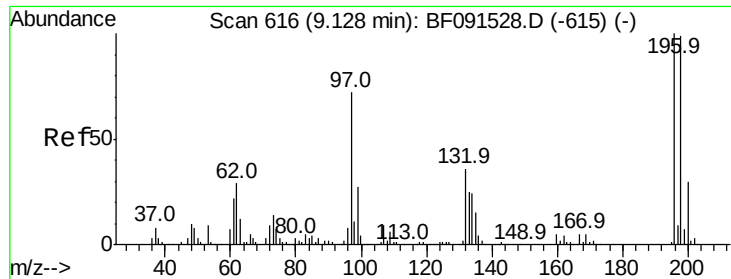
#42
 2,4,6-Trichlorophenol
 Concen: 48.64 ng
 RT: 9.07 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF091664.D
 Acq: 16 Dec 2016 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	282759		
198	100.3	77.4	116.0	
200	32.0	25.2	37.8	



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





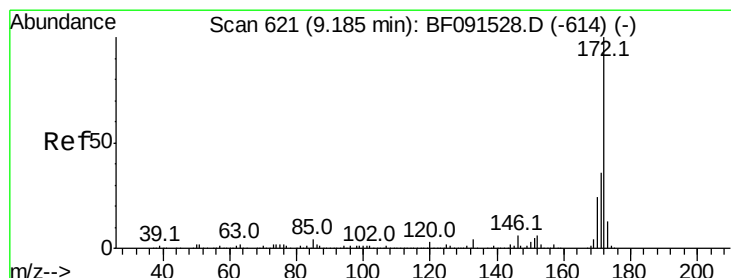
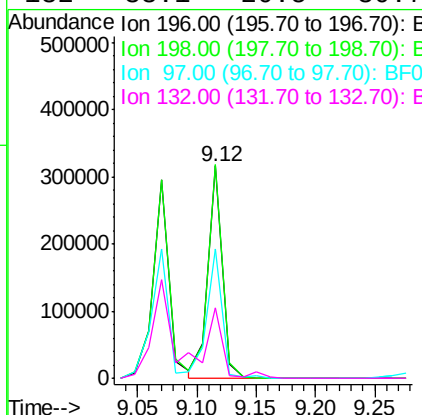
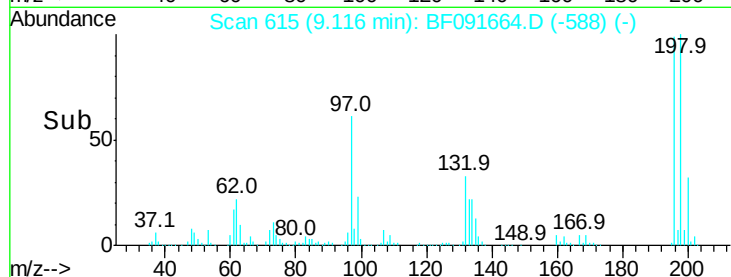
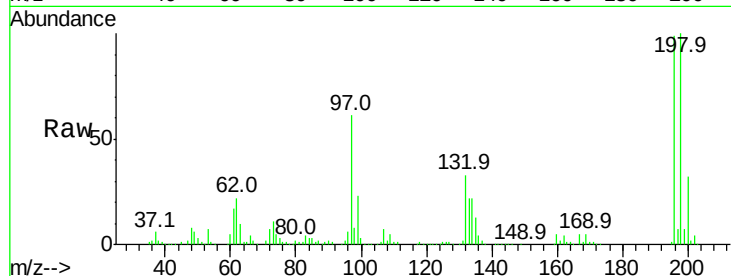
#43
 2,4,5-Trichlorophenol
 Concen: 45.33 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.01 min
 Lab File: BF091664.D
 Acq: 16 Dec 2016 9:18

Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6MS

Tot Ion:	196	Resp:	270823
Ion Ratio	Lower	Upper	
196	100		
198	100.6	77.0	115.6
97	61.1	33.5	50.3#
132	33.1	20.5	30.7#

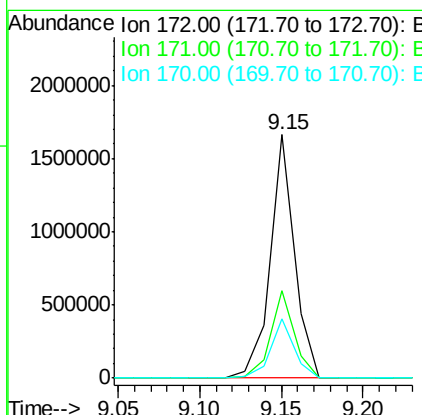
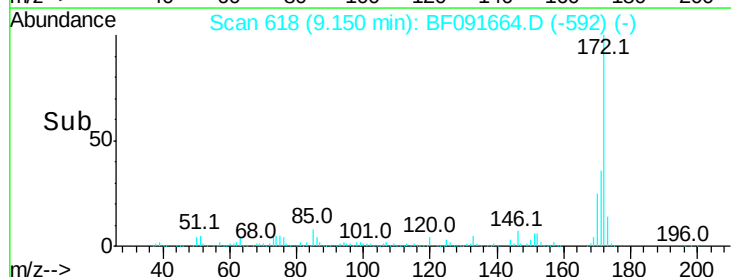
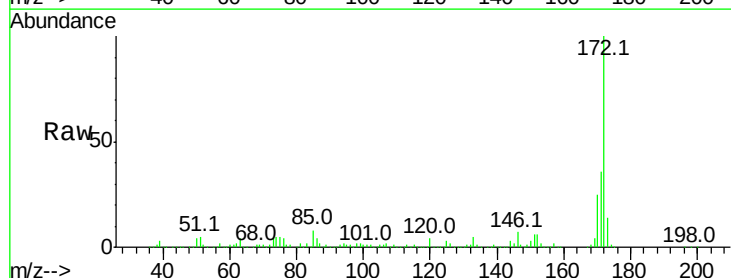
Manual Integrations
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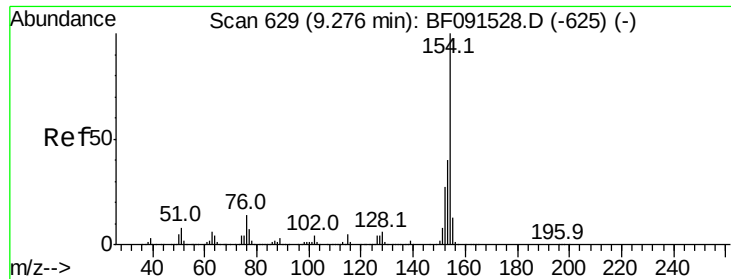
UMANGI
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#44
 2-Fluorobiphenyl
 Concen: 90.48 ng
 RT: 9.15 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF091664.D
 Acq: 16 Dec 2016 9:18

Tgt Ion:	172	Resp:	1727450
Ion Ratio	Lower	Upper	
172	100		
171	35.7	29.4	44.0
170	24.5	19.7	29.5





#45

1,1'-Biphenyl

Concen: 51.10 ng

RT: 9.25 min Scan# 627

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MS

Tot Ion:154 Resp: 1221121

Ion Ratio Lower Upper

154 100

153 40.5 20.6 60.6

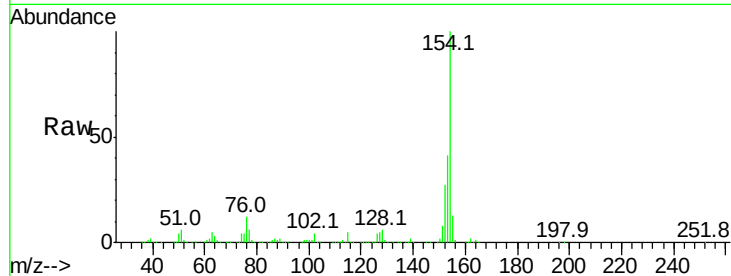
76 11.7 0.0 36.6

Manual Integrations

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UMANGI

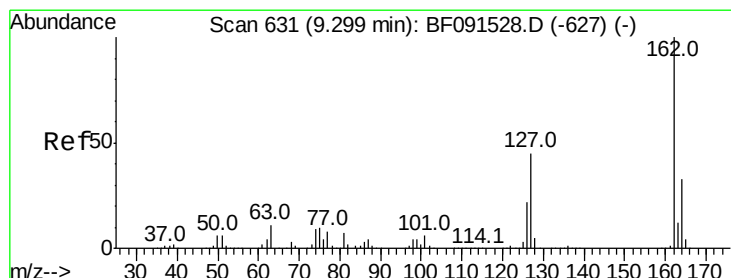
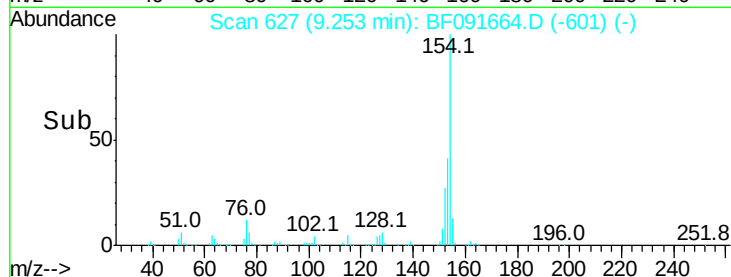
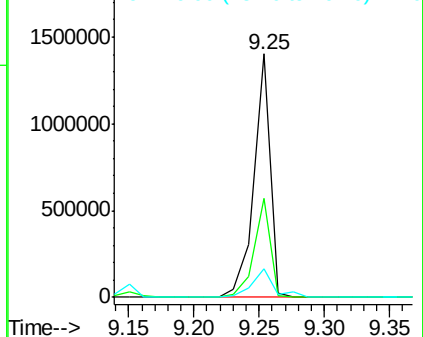
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 48.21 ng

RT: 9.28 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

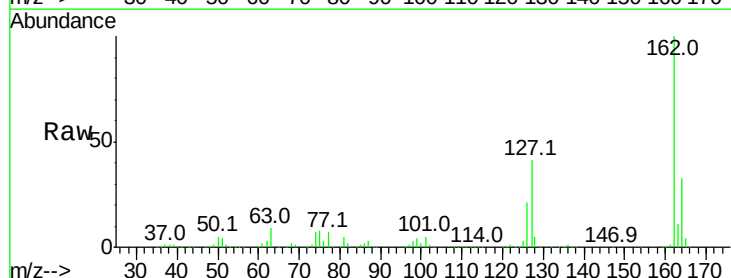
Tgt Ion:162 Resp: 892031

Ion Ratio Lower Upper

162 100

127 41.4 34.3 51.5

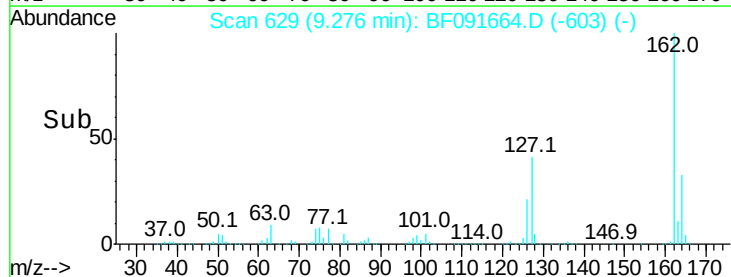
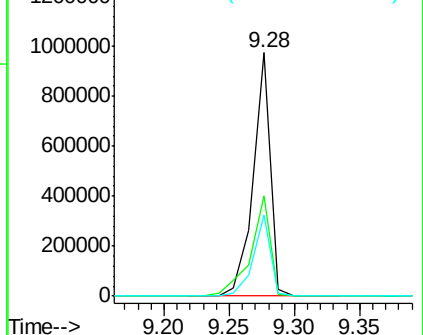
164 33.1 26.6 40.0

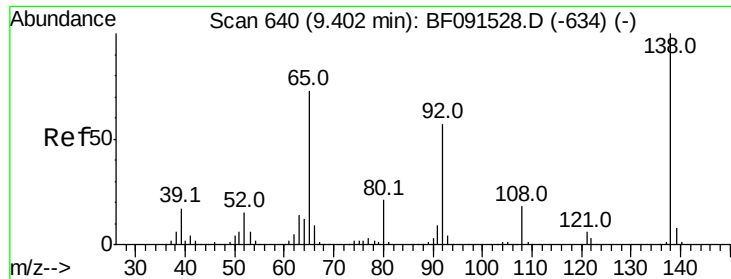


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





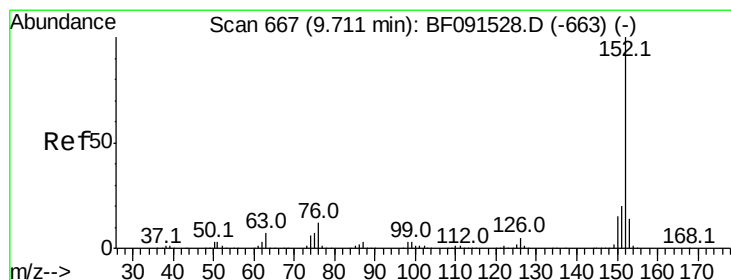
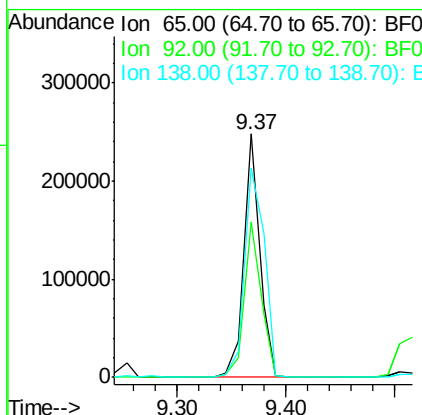
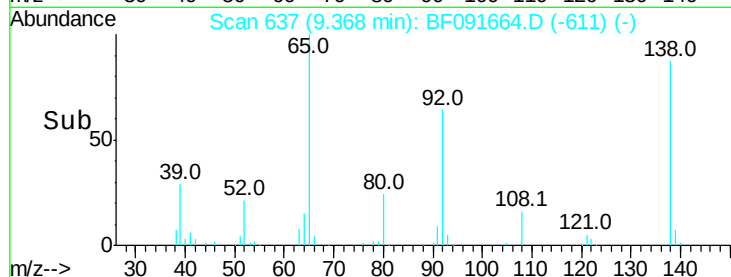
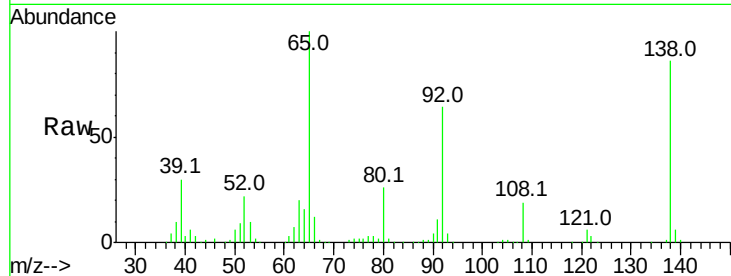
#47
2-Nitroaniline
Concen: 40.26 ng
RT: 9.37 min Scan# 637
Delta R.T. 0.00 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.5	53.6	80.4
138	86.1	91.0	136.6

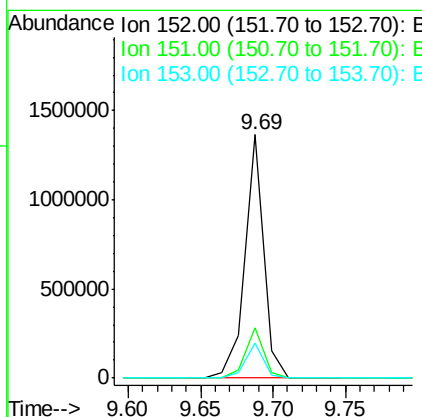
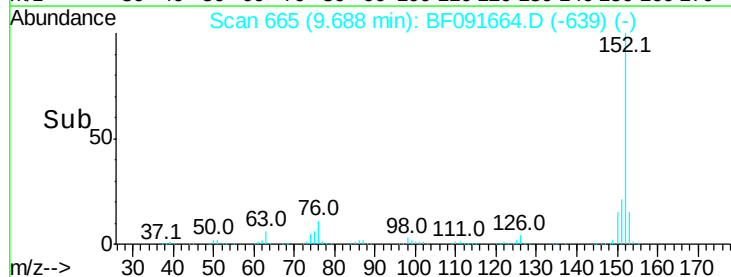
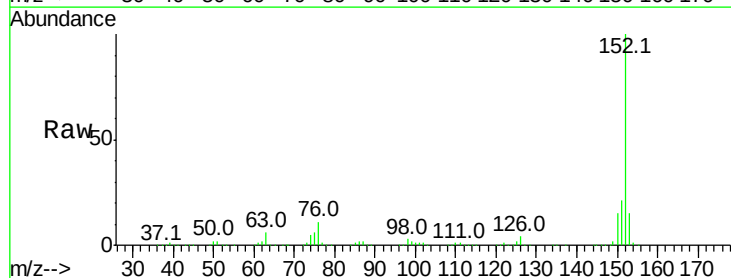
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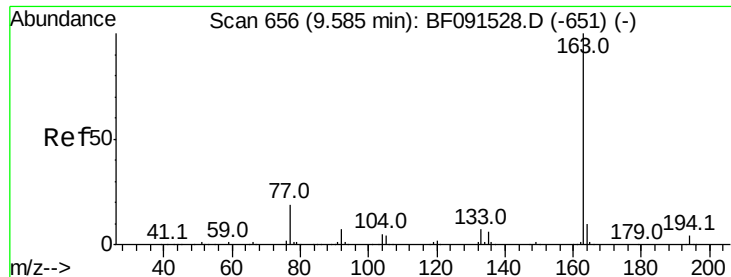
UMANGI
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#48
Acenaphthylene
Concen: 43.59 ng
RT: 9.69 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.6	24.8
153	14.6	10.7	16.1





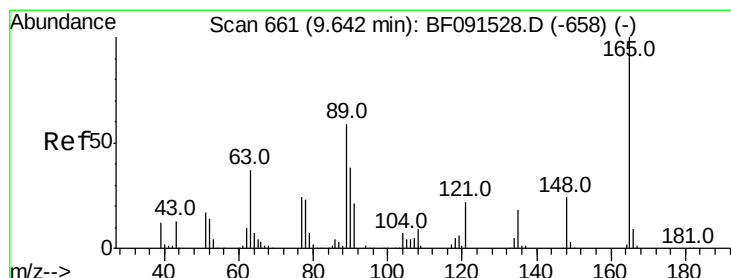
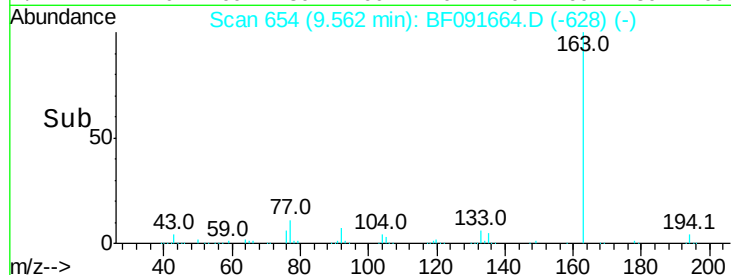
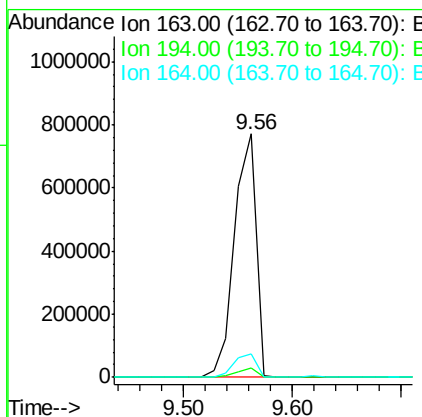
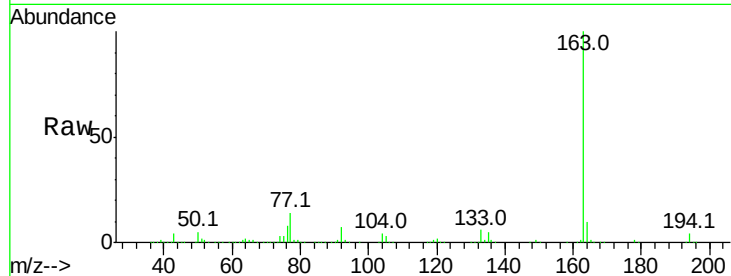
#49
Dimethylphthalate
Concen: 50.33 ng
RT: 9.56 min Scan# 654
Delta R.T. 0.00 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MS

Tot Ion:163 Resp: 1051260
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 9.8 7.8 11.8

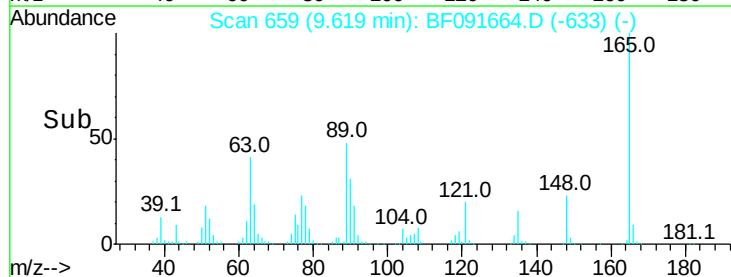
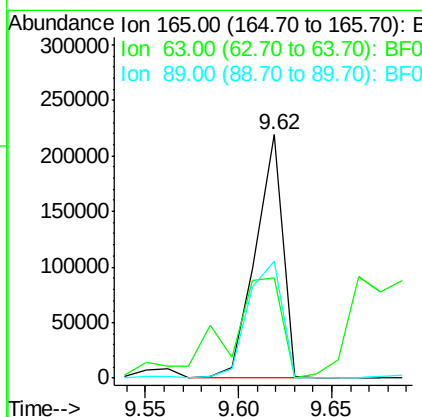
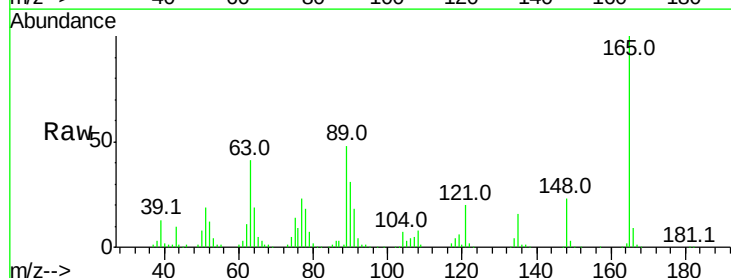
Manual Integrations
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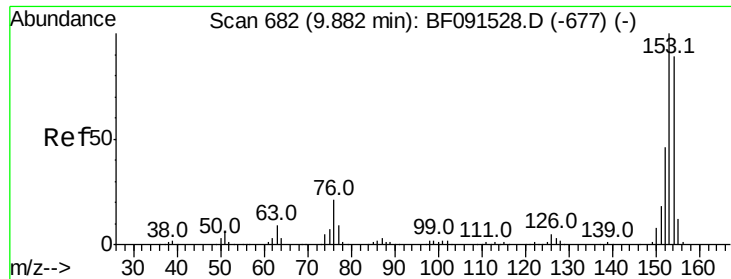
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#50
2,6-Dinitrotoluene
Concen: 49.17 ng
RT: 9.62 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

Tgt Ion:165 Resp: 225411
Ion Ratio Lower Upper
165 100
63 41.4 59.4 89.0#
89 48.1 50.8 76.2#





#51

Acenaphthene

Concen: 41.45 ng

RT: 9.86 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

Instrument :

BNA_F

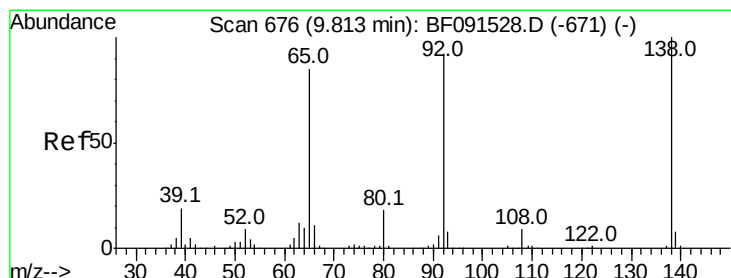
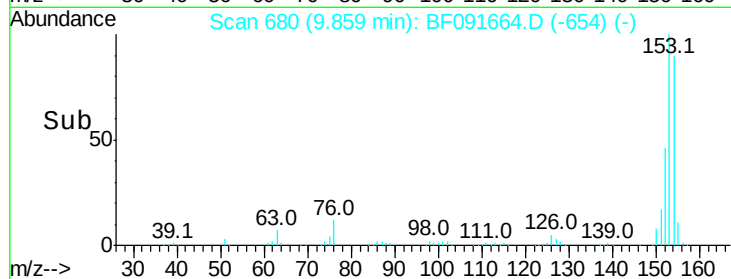
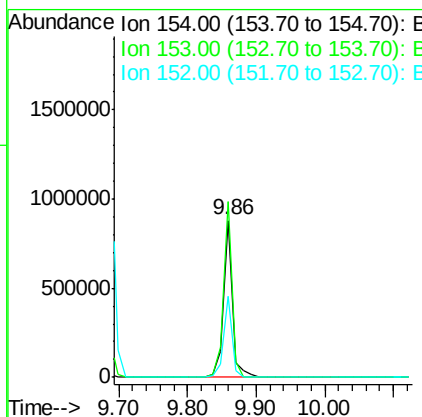
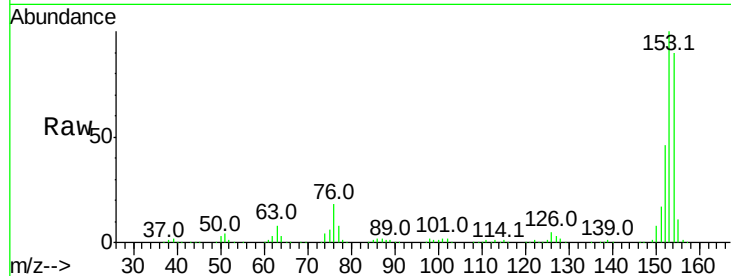
ClientSampleId :

TP20-COMP6MS

Tot Ion:	154	Resp:	812117
Ion Ratio	Lower	Upper	
154	100		
153	111.7	91.0	136.6
152	51.6	44.2	66.2

Manual Integrations
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#52

3-Nitroaniline

Concen: 9.31 ng

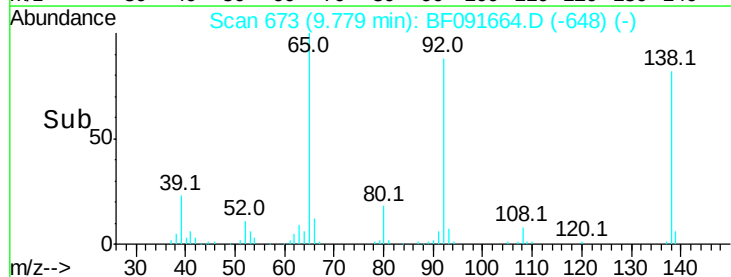
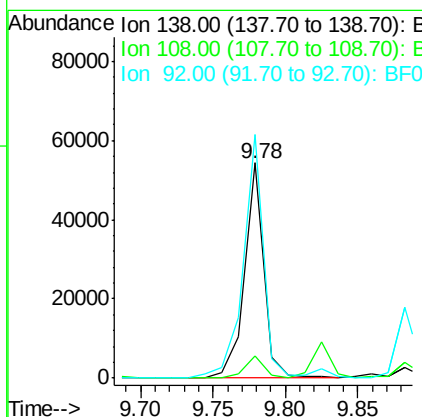
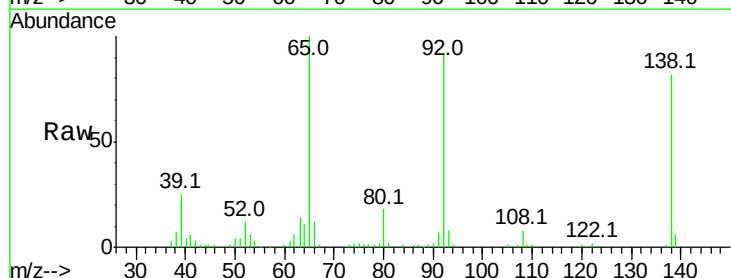
RT: 9.78 min Scan# 673

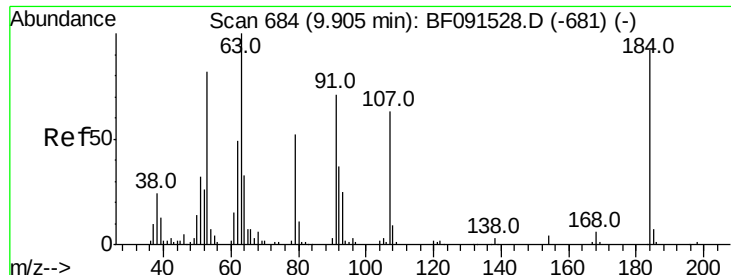
Delta R.T. -0.01 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

Tgt Ion:	138	Resp:	50155
Ion Ratio	Lower	Upper	
138	100		
108	10.3	8.1	12.1
92	113.0	92.5	138.7





#53

2,4-Dinitrophenol

Concen: 30.89 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MS

Tot Ion:184 Resp: 58917

Ion Ratio Lower Upper

184 100

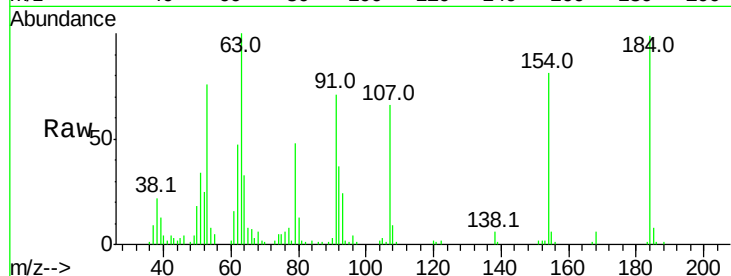
63 100.6 58.3 87.5#

154 81.3 48.6 73.0#

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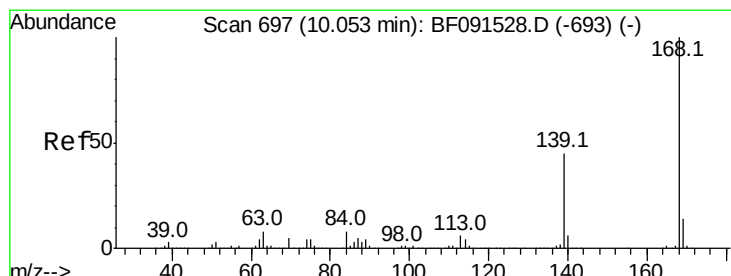
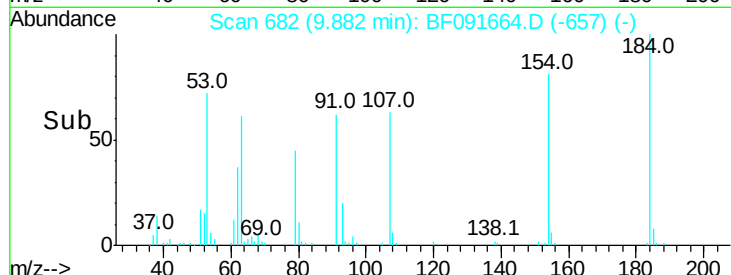
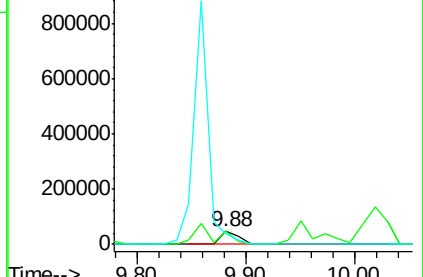
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 43.54 ng

RT: 10.03 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

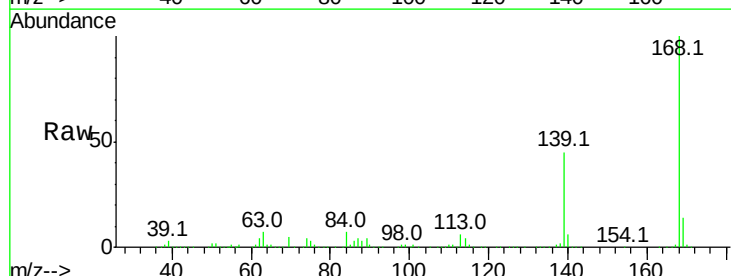
Tgt Ion:168 Resp: 1055408

Ion Ratio Lower Upper

168 100

139 44.6 33.4 50.2

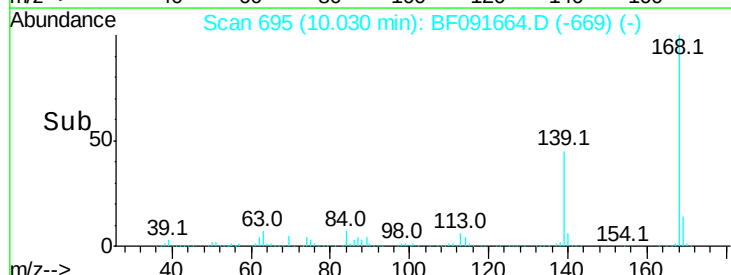
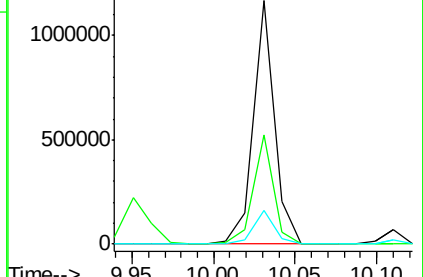
169 13.9 11.1 16.7

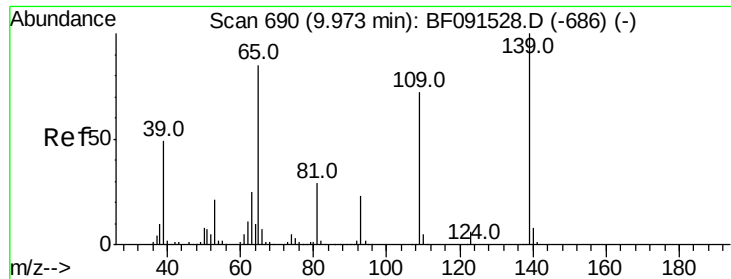


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





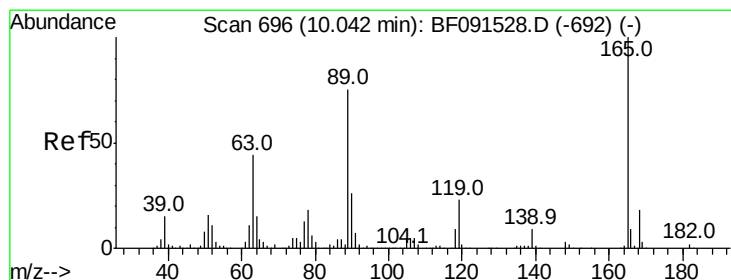
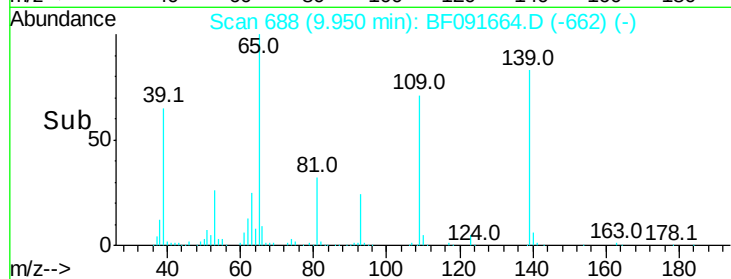
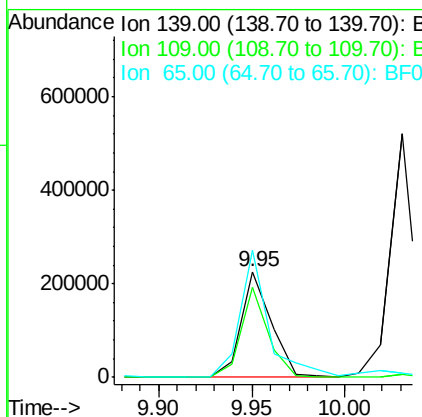
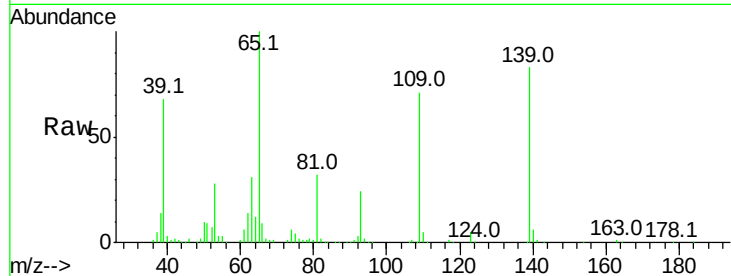
#55
4-Nitrophenol
Concen: 63.77 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	255512		
109	85.7	54.9	94.9	
65	120.3	102.2	142.2	

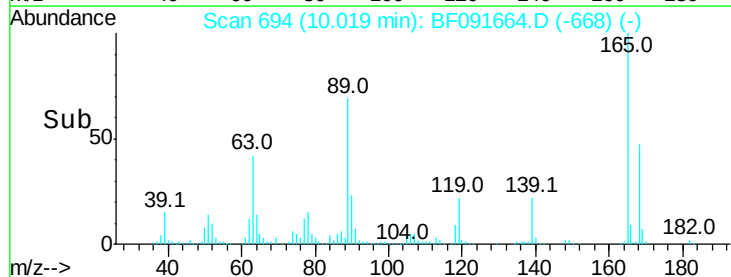
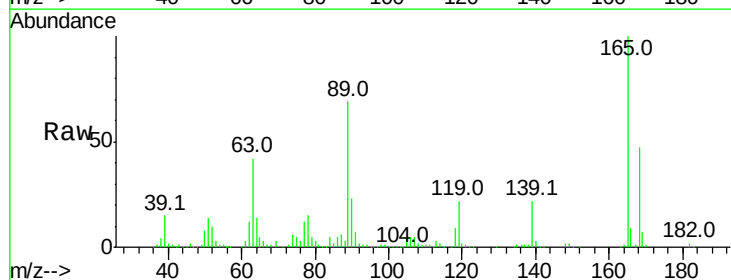
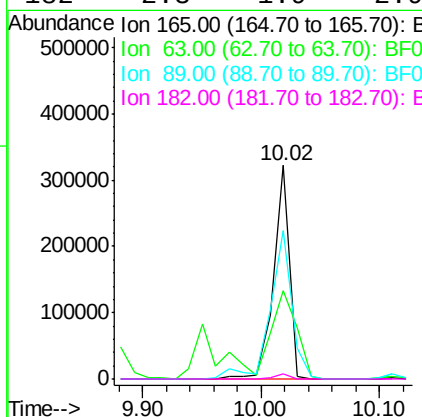
Manual Integrations
APPROVED

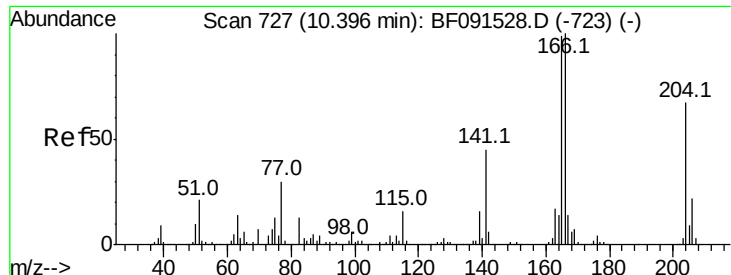
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#56
2,4-Dinitrotoluene
Concen: 51.97 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	298691		
63	41.5	29.0	43.4	
89	69.3	43.1	64.7#	
182	2.3	1.9	2.9	





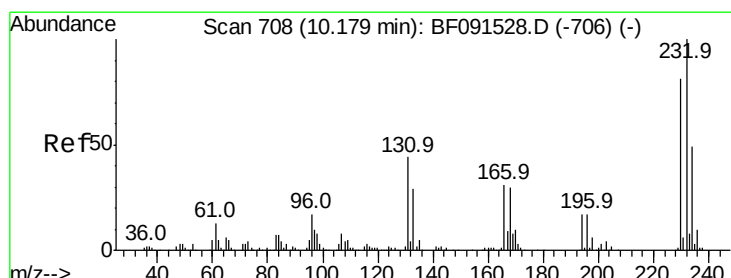
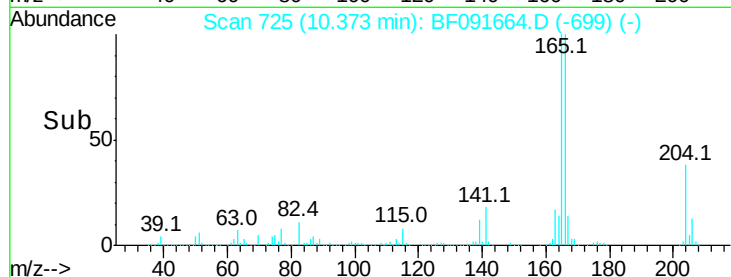
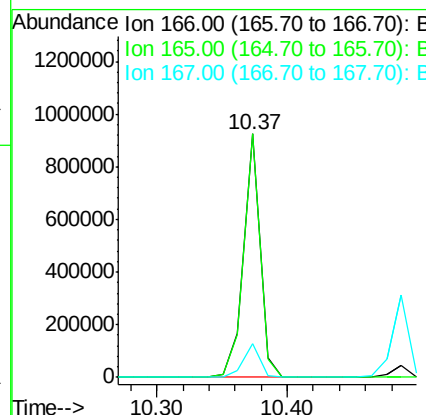
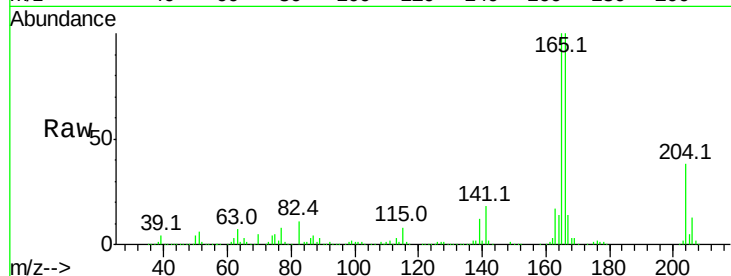
#57
Fluorene
 Concen: 46.95 ng
 RT: 10.37 min Scan# 725
 Delta R.T. 0.00 min
 Lab File: BF091664.D
 Acq: 16 Dec 2016 9:18

Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	809399		
165	99.8	80.0	120.0	
167	13.7	10.8	16.2	

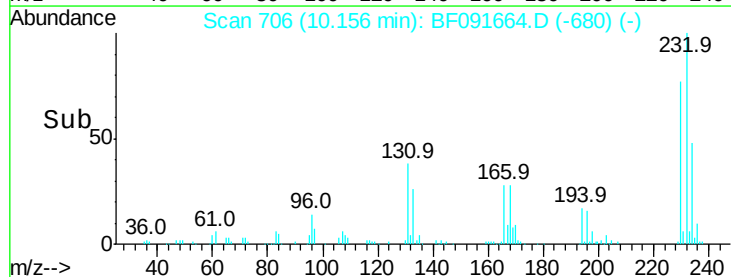
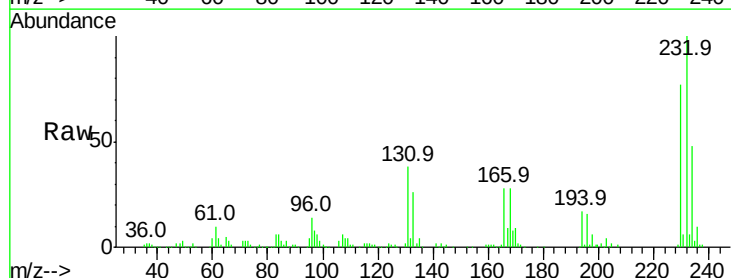
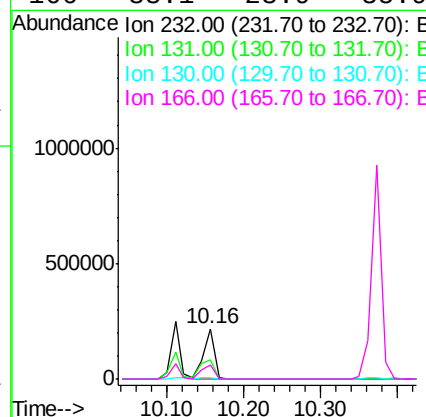
Manual Integrations
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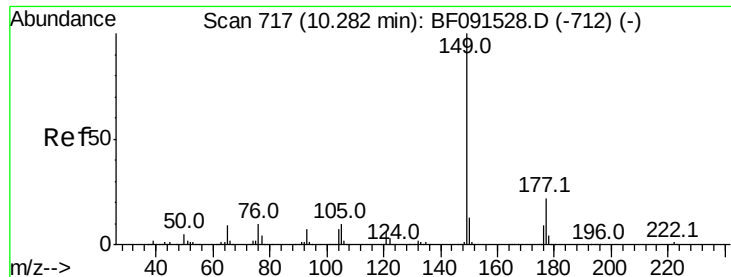
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 45.56 ng
 RT: 10.16 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BF091664.D
 Acq: 16 Dec 2016 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	213090		
131	50.1	38.4	57.6	
130	2.4	1.8	2.8	
166	33.1	23.9	35.9	





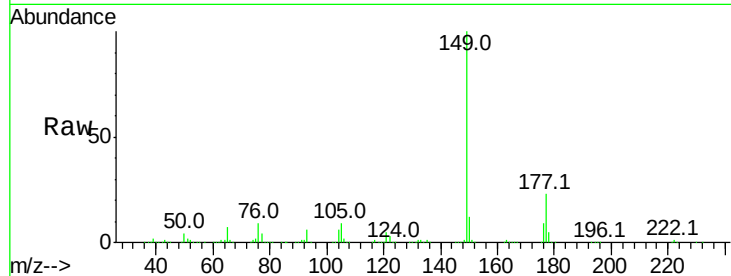
#59
Diethylphthalate
Concen: 51.34 ng
RT: 10.26 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MS

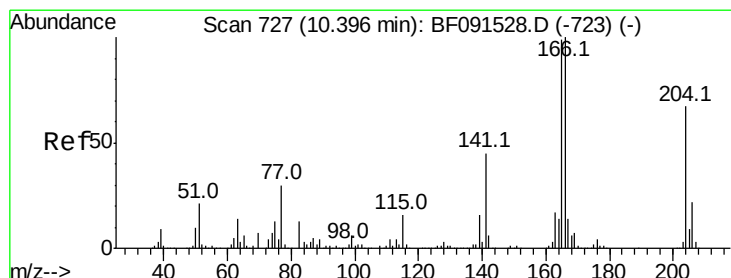
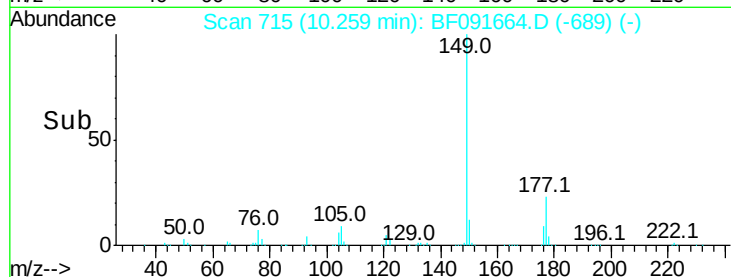
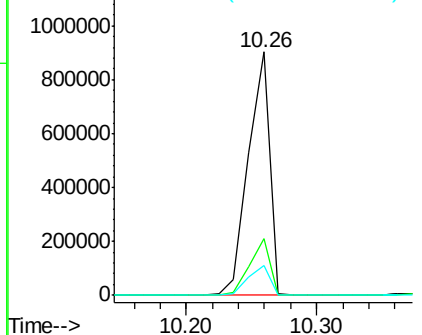
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.1	15.7	23.5
150	12.1	10.2	15.2

Manual Integrations
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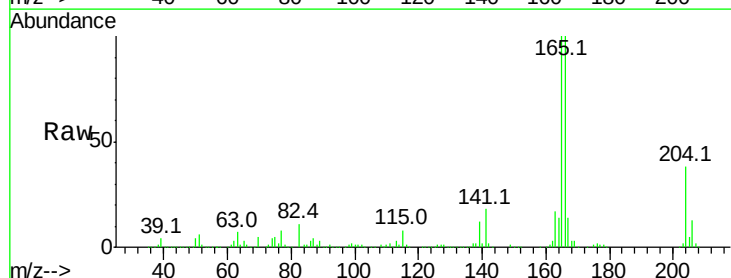


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

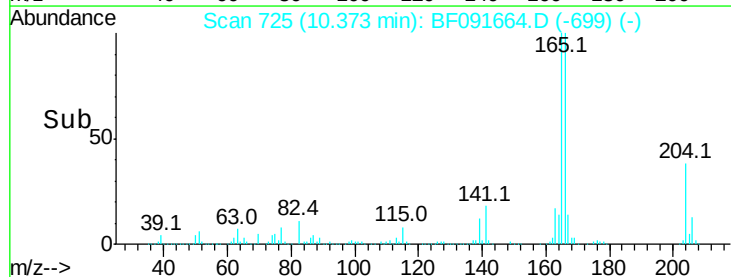
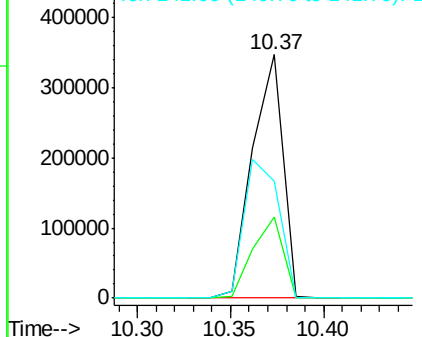


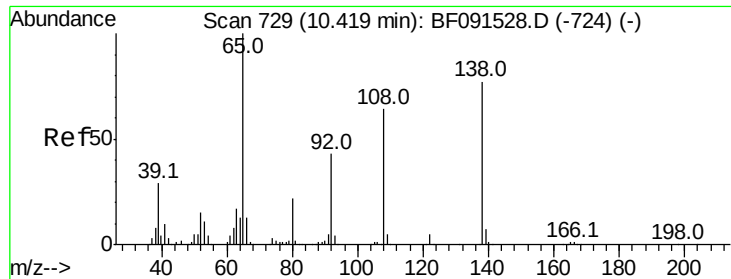
#60
4-Chlorophenyl-phenylether
Concen: 45.11 ng
RT: 10.37 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.1	39.1
141	47.9	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





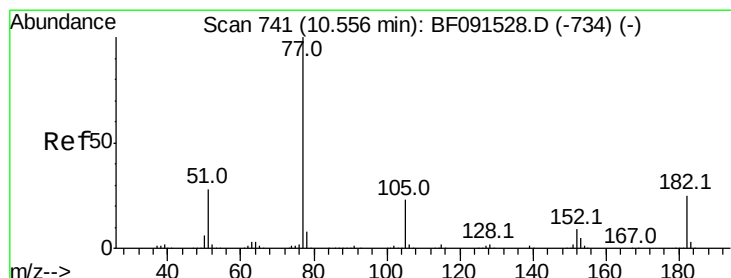
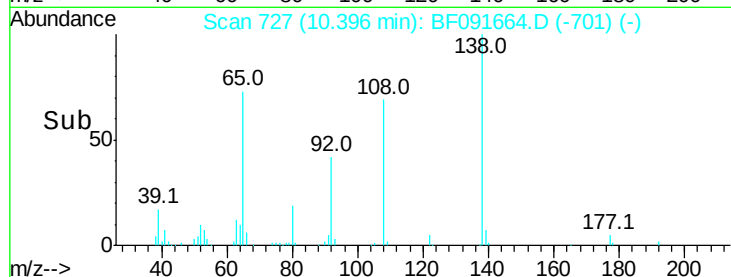
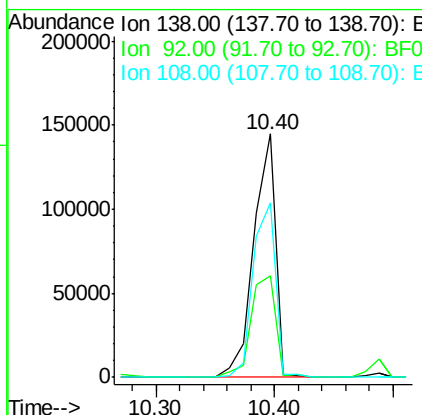
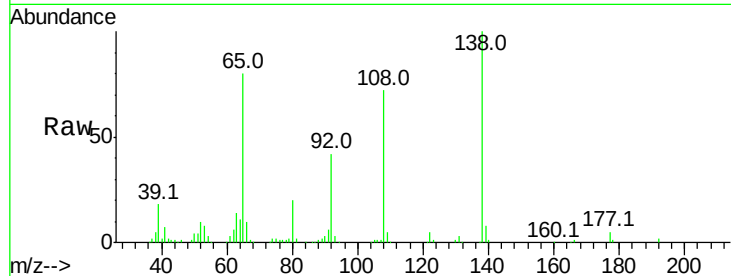
#61
4-Nitroaniline
Concen: 34.95 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	41.8	26.9	66.9	
108	71.6	49.1	89.1	

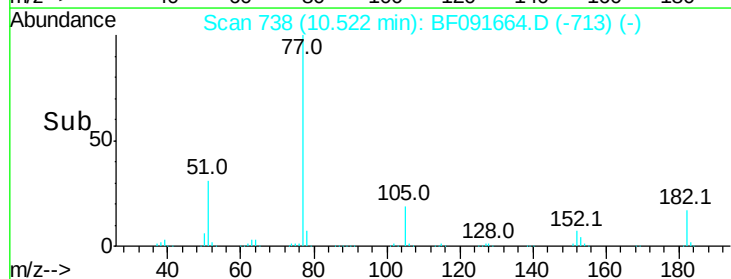
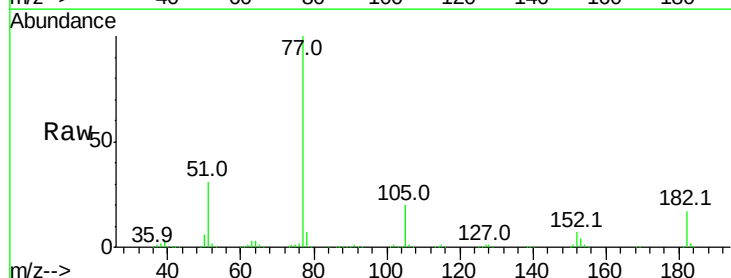
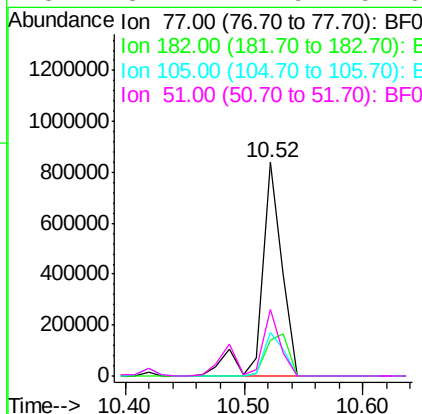
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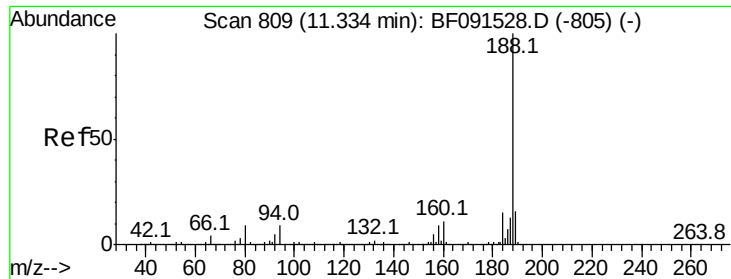
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#62
Azobenzene
Concen: 43.73 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	16.6	12.5	52.5	
105	20.2	3.7	43.7	
51	31.4	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: BF091664.D

Acq: 16 Dec 2016 9:18

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MS

Tot Ion:188 Resp: 440942

Ion Ratio Lower Upper

188 100

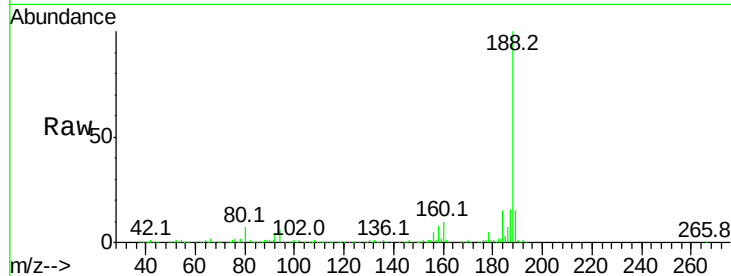
94 6.4 9.2 13.8#

80 6.9 10.5 15.7#

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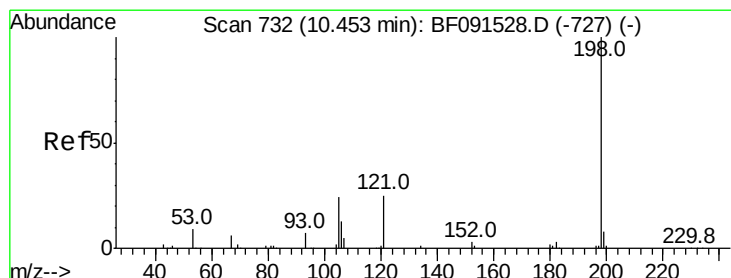
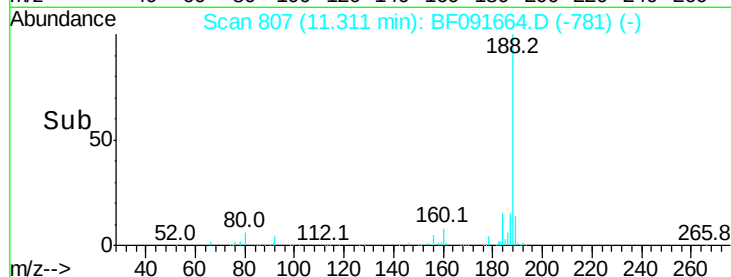
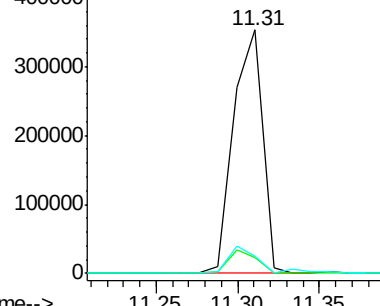
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 19.59 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

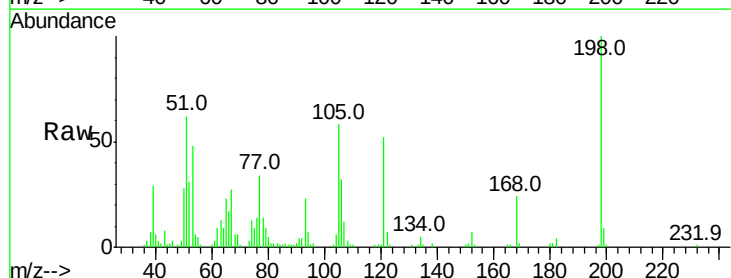
Tgt Ion:198 Resp: 47494

Ion Ratio Lower Upper

198 100

51 62.5 77.1 117.1#

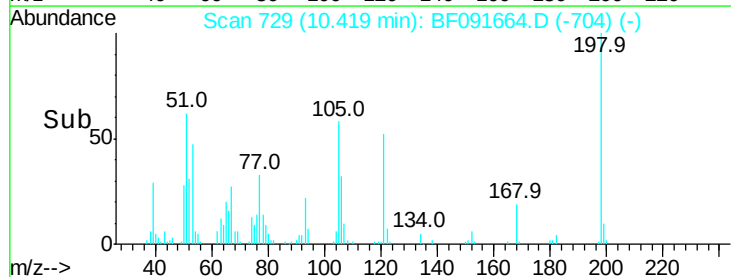
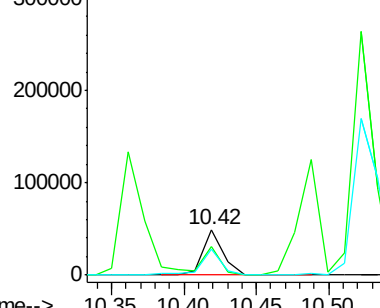
105 57.5 44.8 84.8

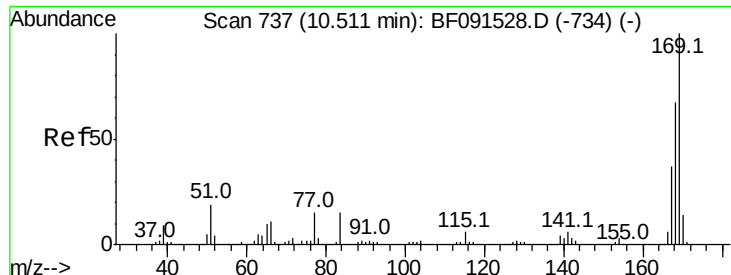


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 56.06 ng

RT: 10.49 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MS

Tot Ion:169 Resp: 736958

Ion Ratio Lower Upper

169 100

168 67.3 53.8 80.8

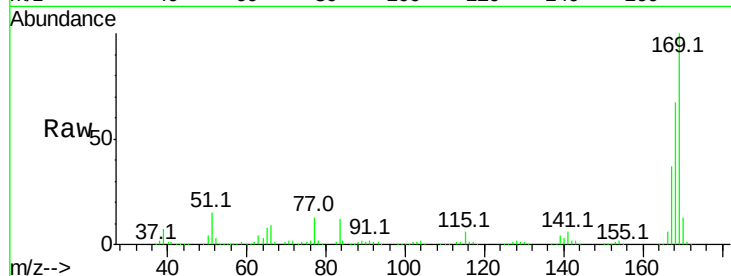
167 37.4 29.8 44.8

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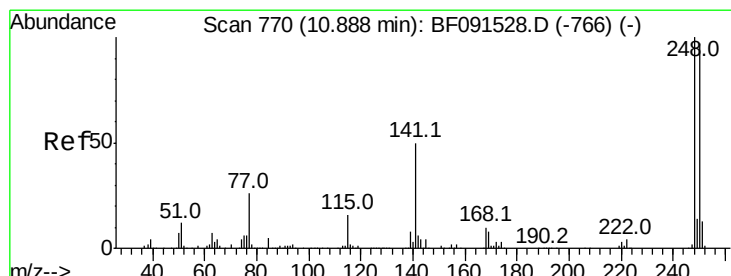
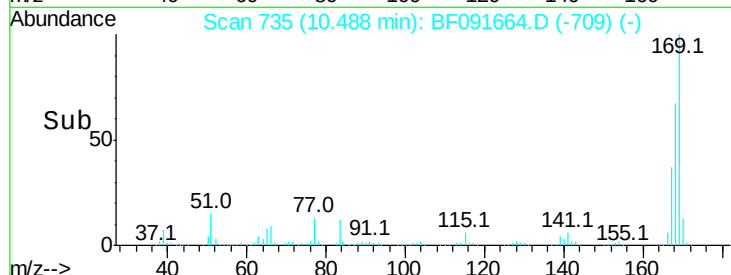
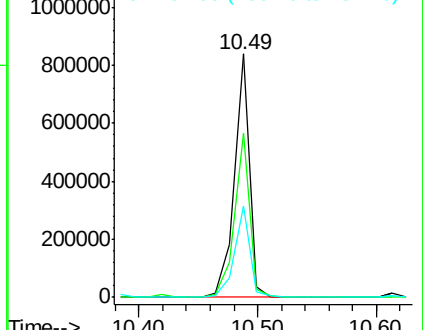
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 50.67 ng

RT: 10.85 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

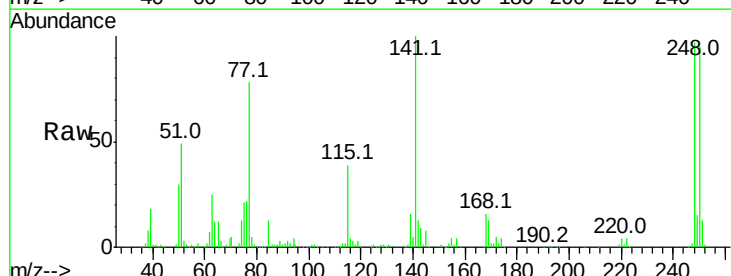
Tgt Ion:248 Resp: 229058

Ion Ratio Lower Upper

248 100

250 97.9 78.2 117.4

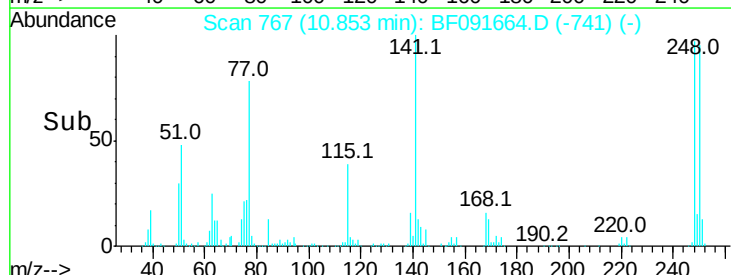
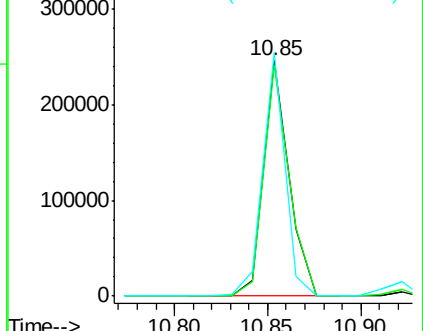
141 103.3 71.9 107.9

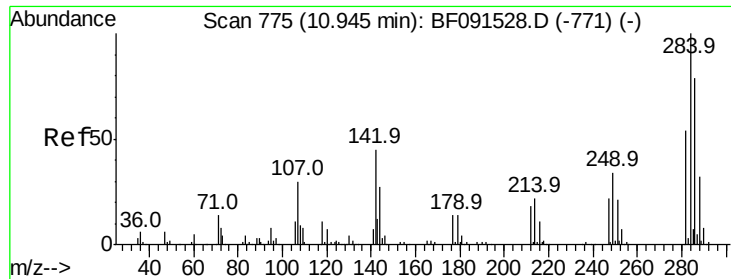


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 52.80 ng

RT: 10.92 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

Instrument :

BNA_F

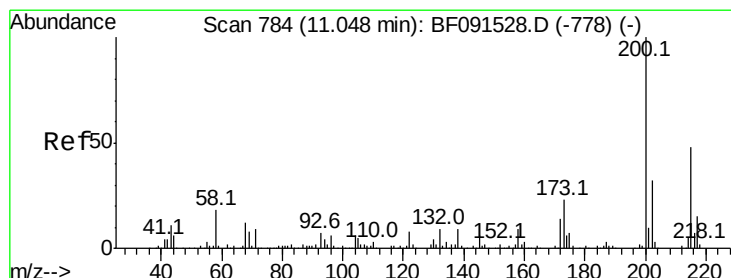
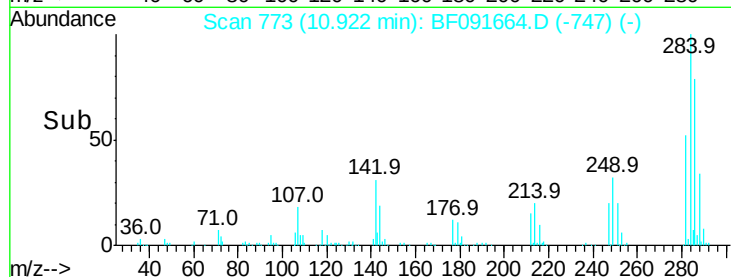
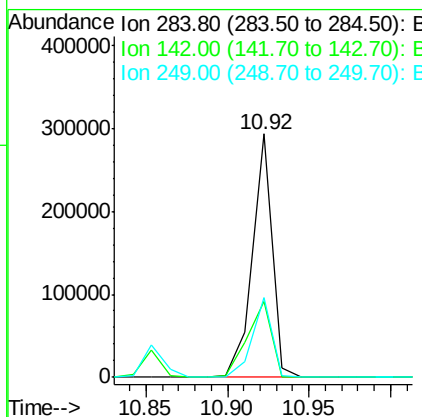
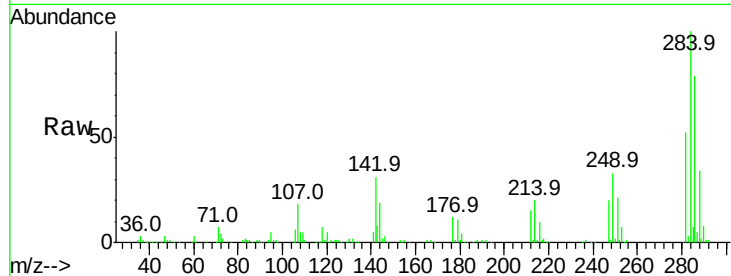
ClientSampleId :

TP20-COMP6MS

Tot Ion:	284	Resp:	248185
Ion Ratio		Lower	Upper
284	100		
142	31.2	17.9	26.9#
249	32.8	23.6	35.4

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#68

Atrazine

Concen: 43.20 ng

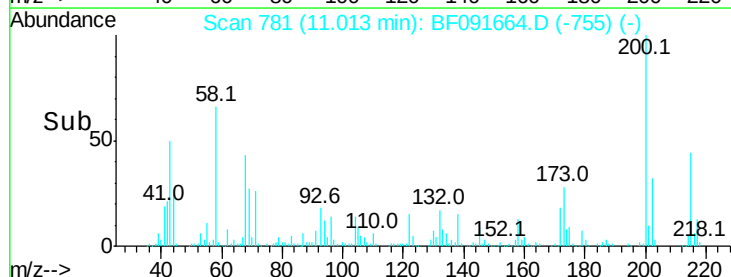
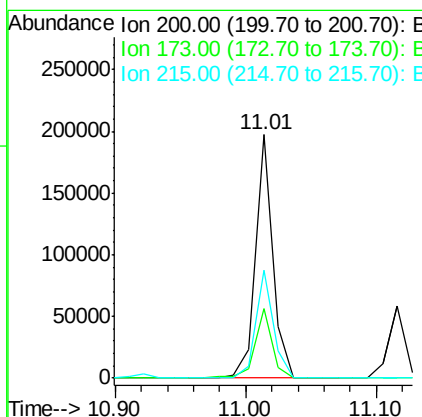
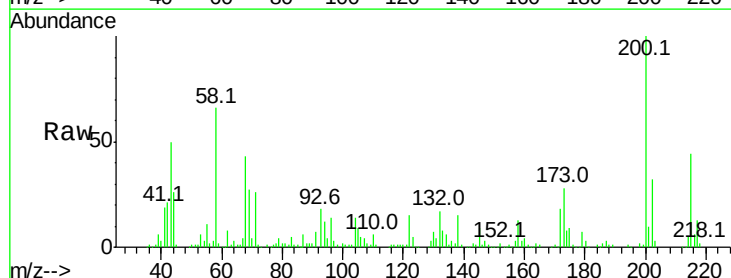
RT: 11.01 min Scan# 781

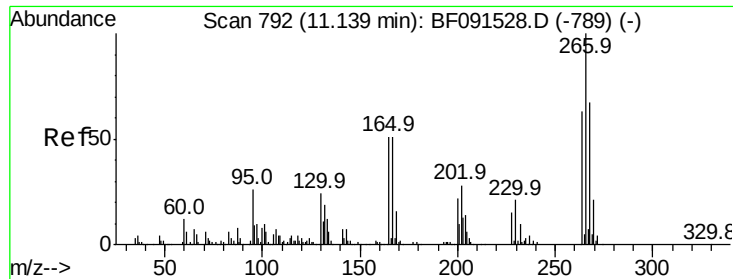
Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

Tgt Ion:	200	Resp:	182594
Ion Ratio		Lower	Upper
200	100		
173	28.3	7.8	47.8
215	44.1	24.3	64.3





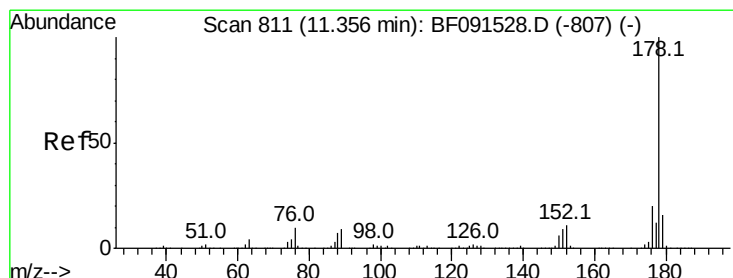
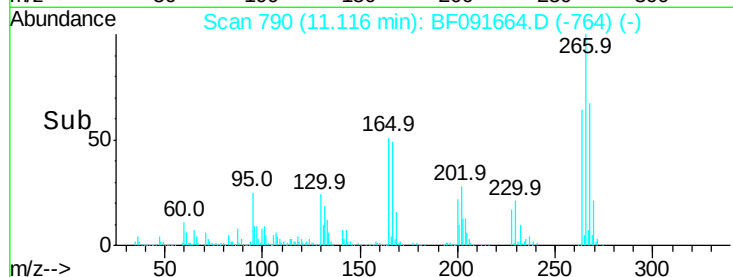
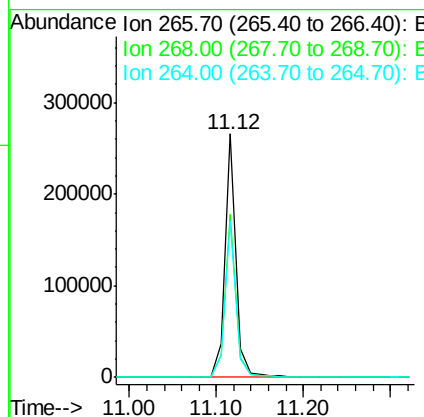
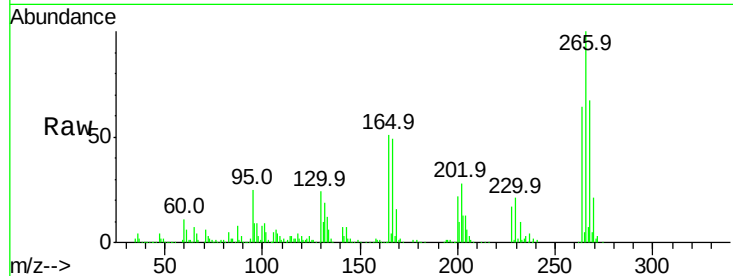
#69
 Pentachlorophenol
 Concen: 91.16 ng
 RT: 11.12 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF091664.D
 Acq: 16 Dec 2016 9:18

Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	241151		
268	66.8	50.3	75.5	
264	64.1	48.2	72.2	

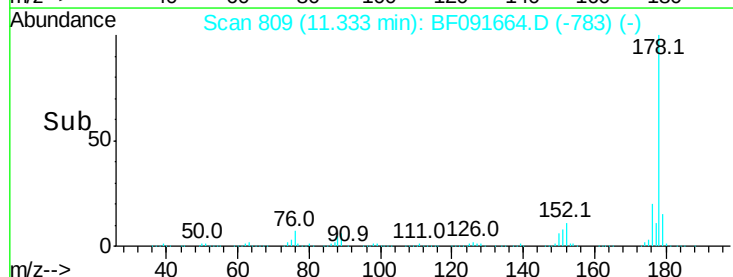
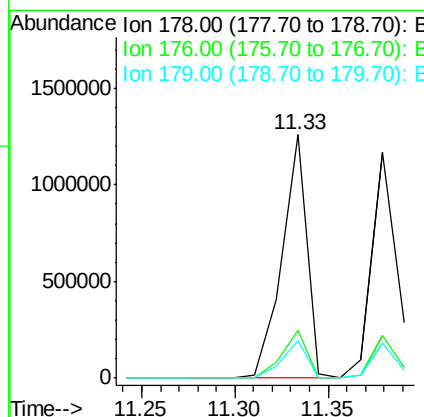
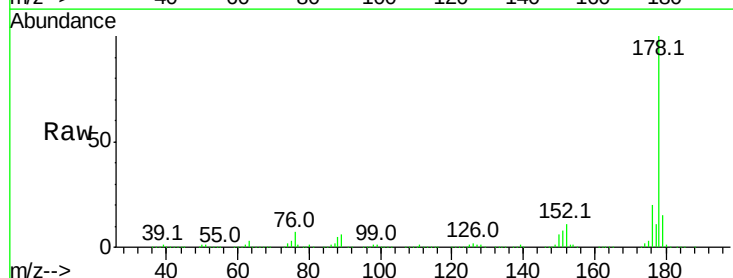
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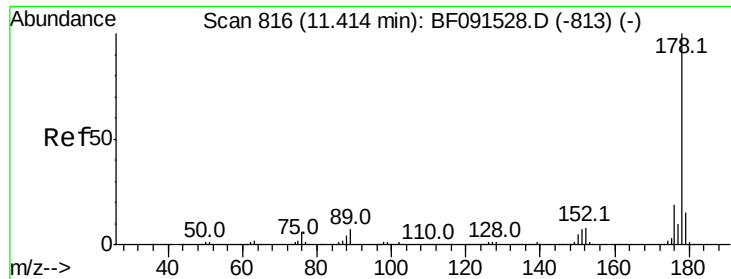
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#70
 Phenanthrene
 Concen: 53.76 ng
 RT: 11.33 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF091664.D
 Acq: 16 Dec 2016 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1173842		
176	19.8	15.9	23.9	
179	15.3	12.6	18.8	





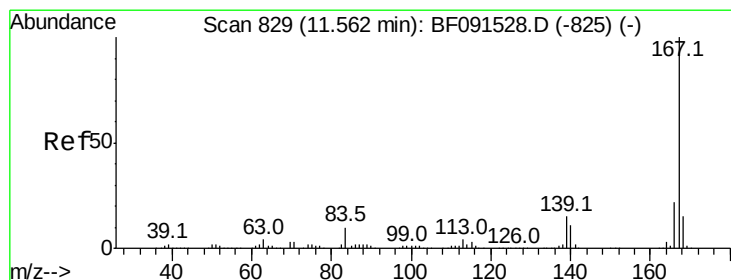
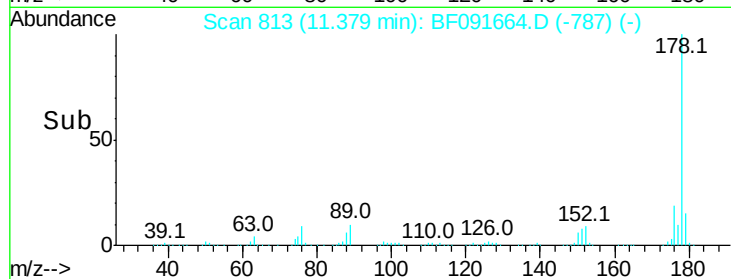
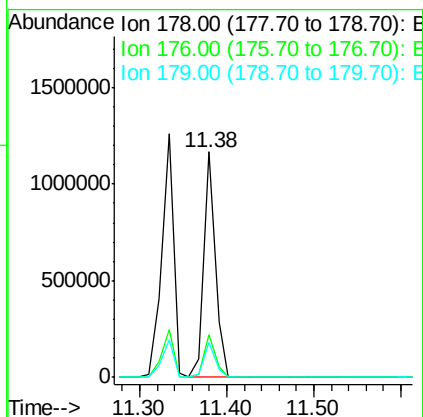
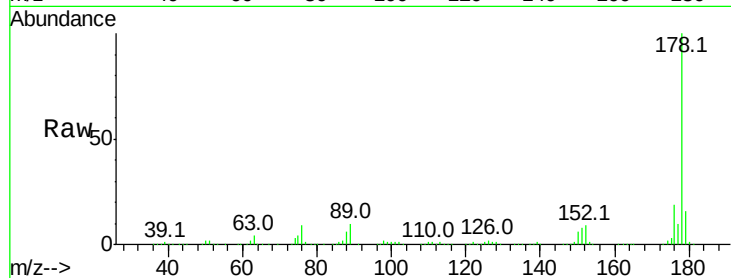
#71
 Anthracene
 Concen: 45.30 ng
 RT: 11.38 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF091664.D
 Acq: 16 Dec 2016 9:18

Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6MS

Tot Ion:178 Resp: 1066871
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.6
 179 15.8 12.7 19.1

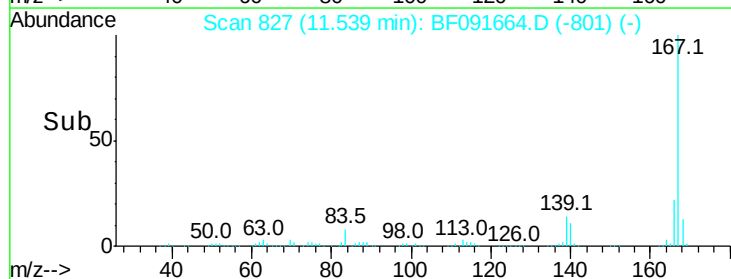
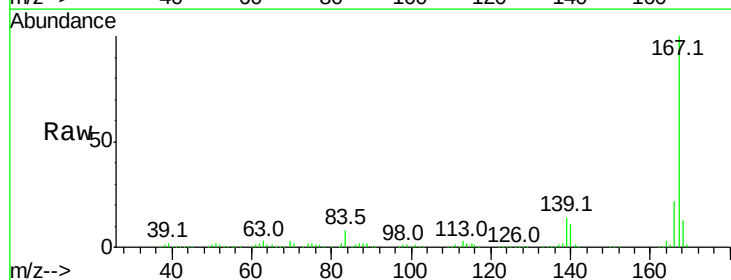
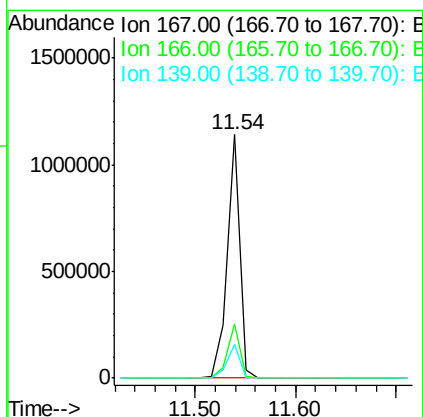
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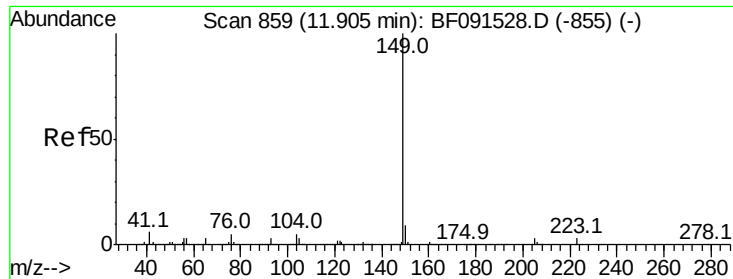
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 12/16/2016 6:22:37 PM



#72
 Carbazole
 Concen: 47.84 ng
 RT: 11.54 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BF091664.D
 Acq: 16 Dec 2016 9:18

Tgt Ion:167 Resp: 987513
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 13.6 11.5 17.3





#73

Di-n-butylphthalate

Concen: 55.48 ng

RT: 11.88 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MS

Tot Ion:149 Resp: 1334403

Ion Ratio Lower Upper

149 100

150 8.8 7.5 11.3

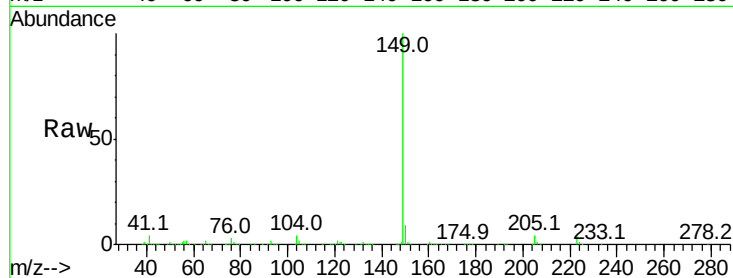
104 4.1 4.0 6.0

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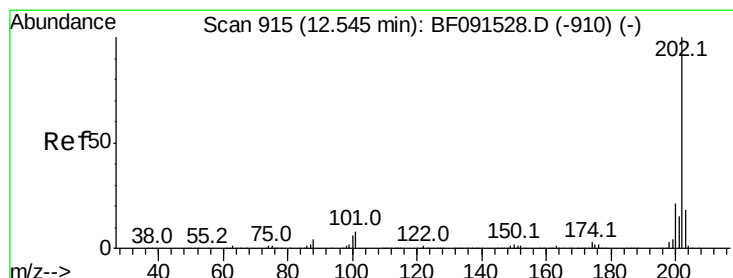
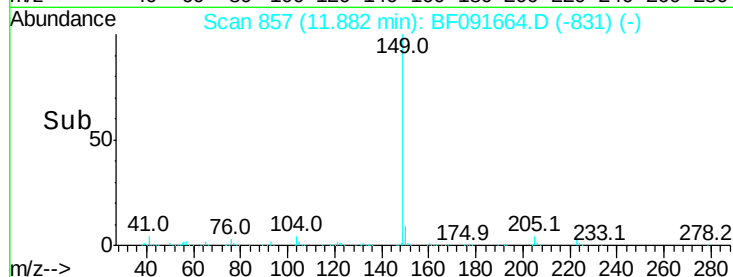
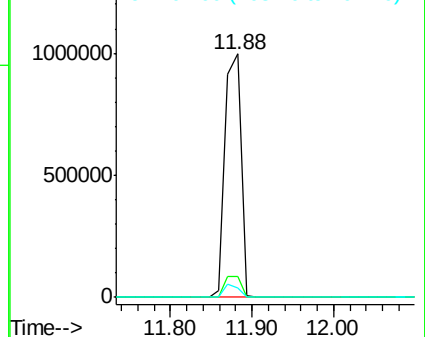
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.32 ng

RT: 12.51 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

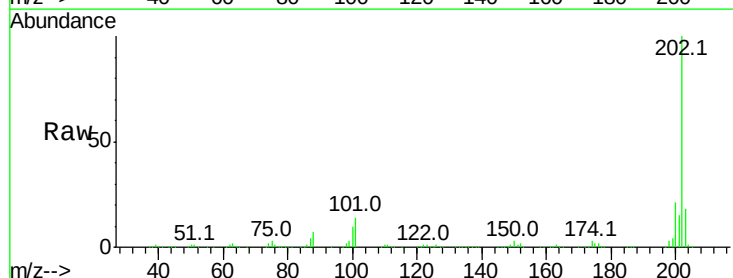
Tgt Ion:202 Resp: 1013313

Ion Ratio Lower Upper

202 100

101 13.9 0.0 29.5

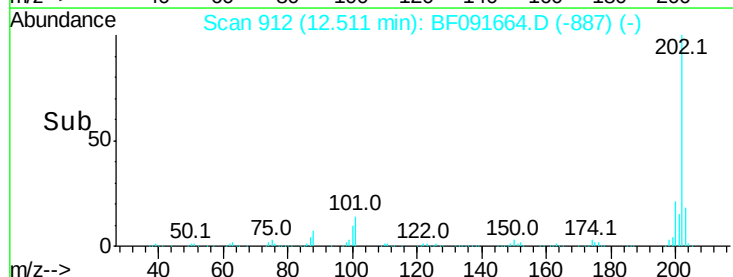
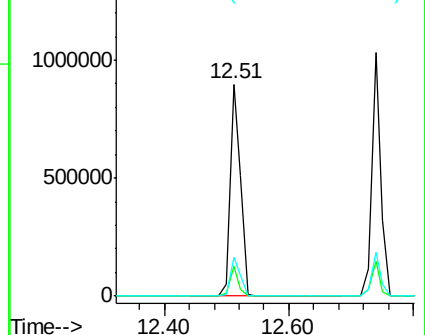
203 18.2 0.0 37.8

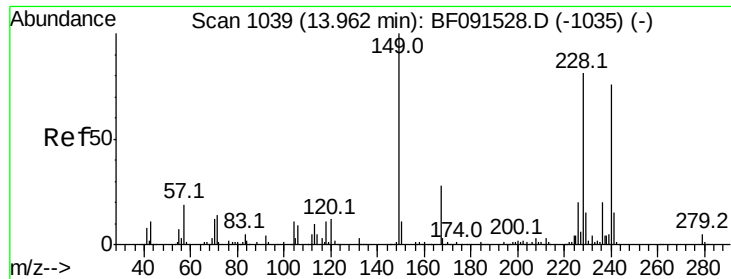


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

Instrument :

BNA_F

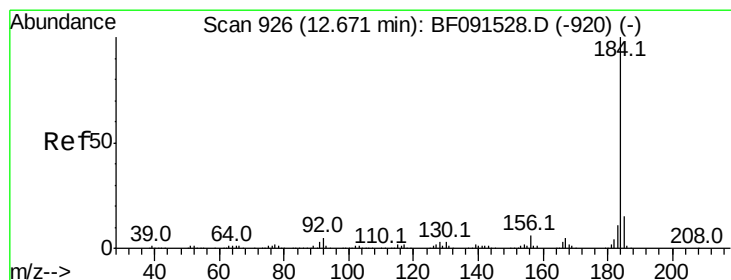
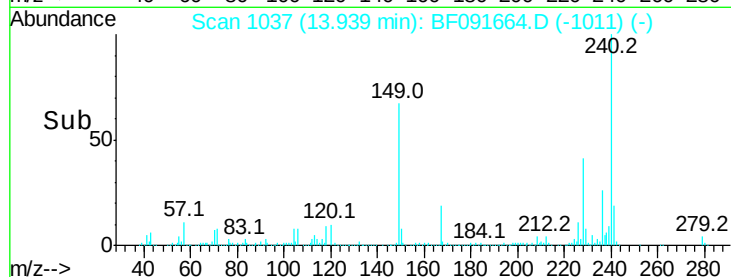
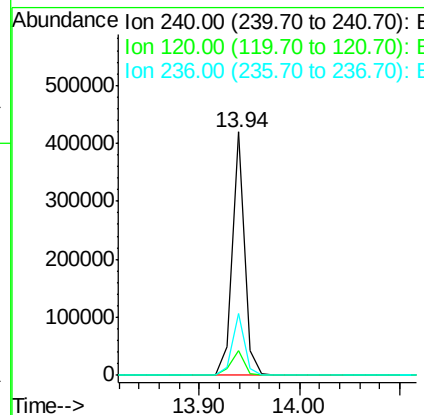
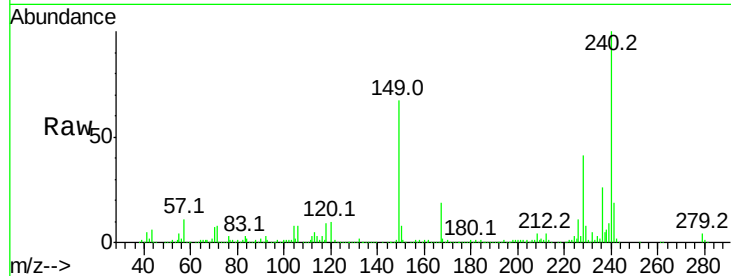
ClientSampleId :

TP20-COMP6MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.4	12.1	18.1#
236	25.5	21.0	31.6

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#76

Benzidine

Concen: 13.37 ng

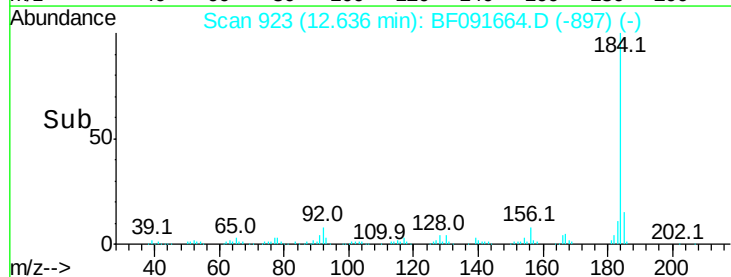
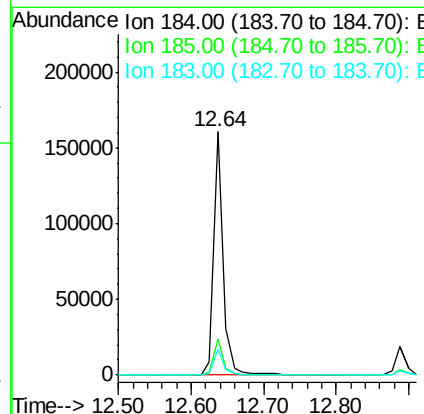
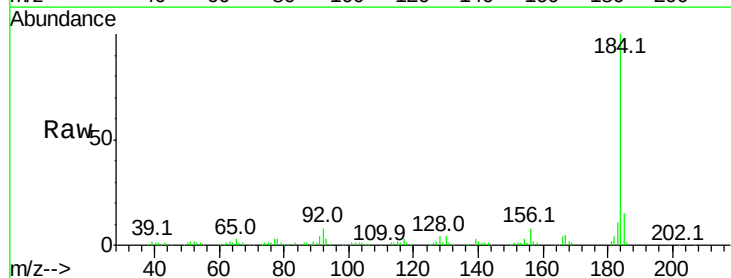
RT: 12.64 min Scan# 923

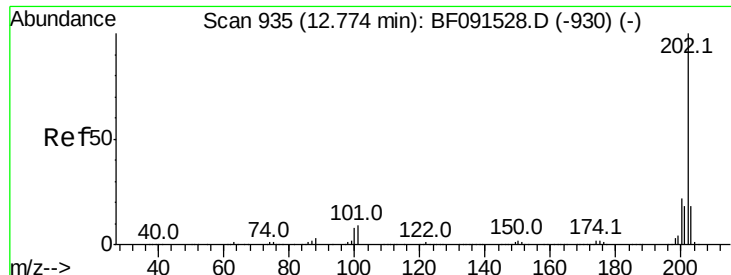
Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.1	13.1	19.7
183	10.8	8.9	13.3





#77

Pvrene

Concen: 36.04 ng

RT: 12.74 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MS

Tot Ion:202 Resp: 1016237

Ion Ratio Lower Upper

202 100

200 21.6 17.6 26.4

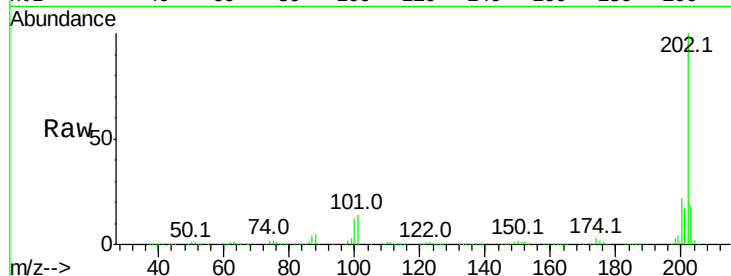
203 17.9 14.0 21.0

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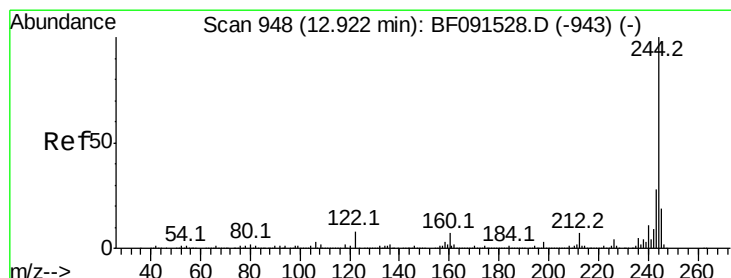
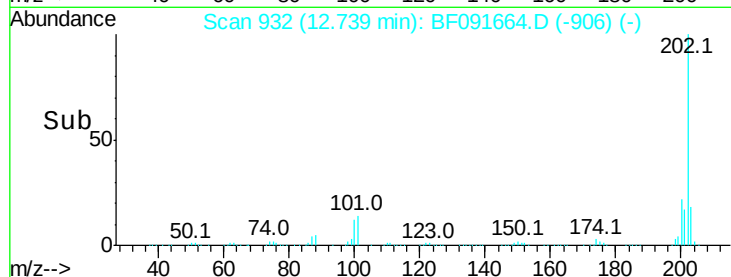
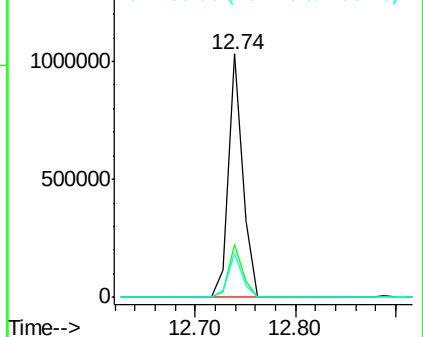
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 81.52 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

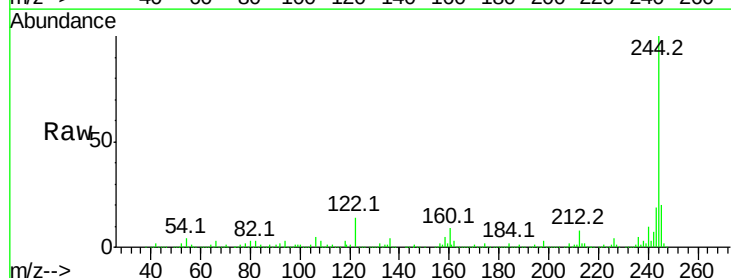
Tgt Ion:244 Resp: 1276709

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

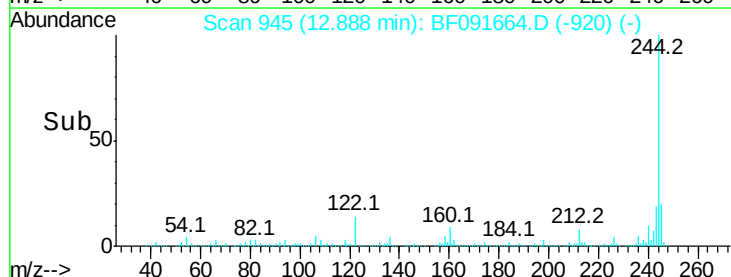
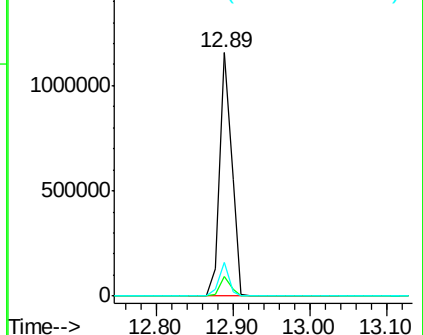
122 14.1 9.5 14.3

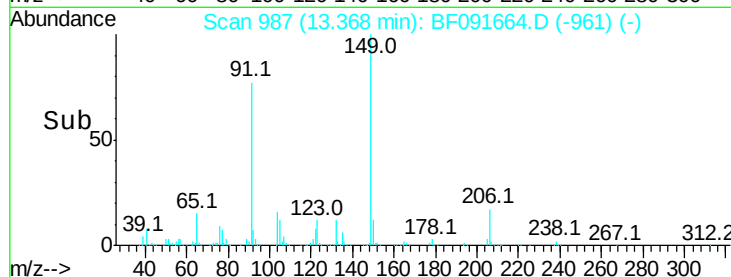
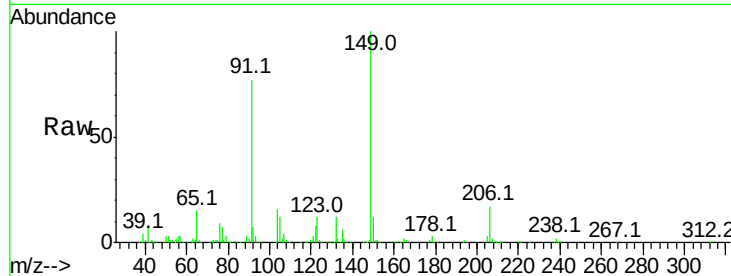
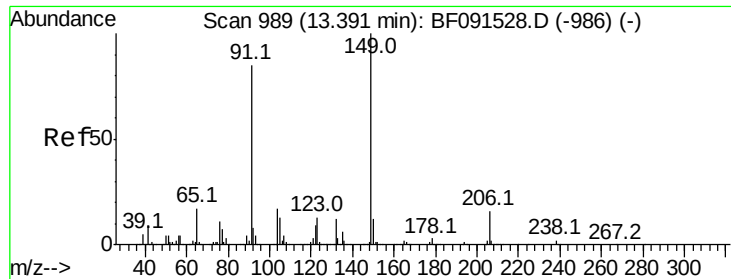


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





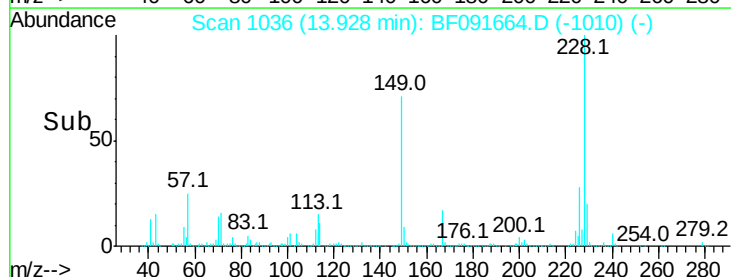
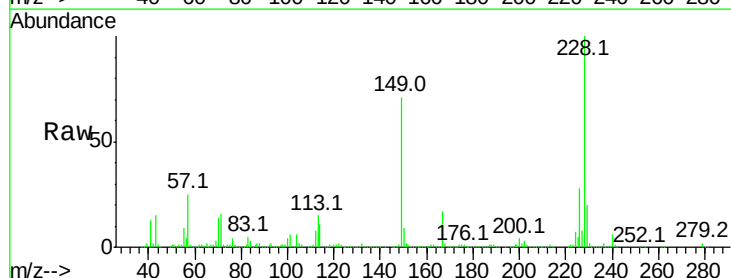
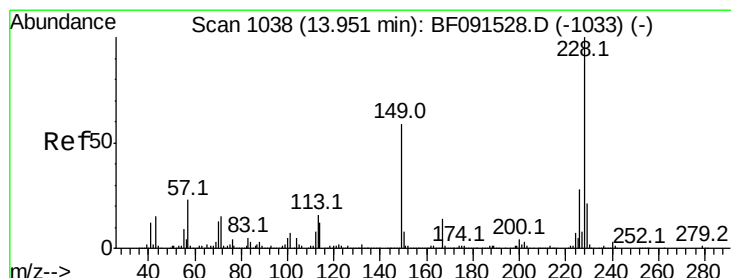
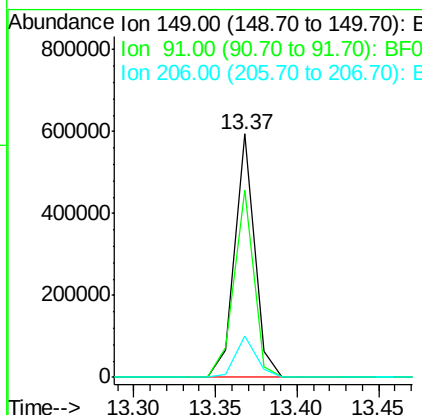
#79
Butylbenzylphthalate
Concen: 45.46 ng
RT: 13.37 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

Tot Ion	Ratio	Resp	Lower	Upper
149	100	499637		
91	77.1	57.4	86.2	
206	17.2	15.4	23.2	

Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MS

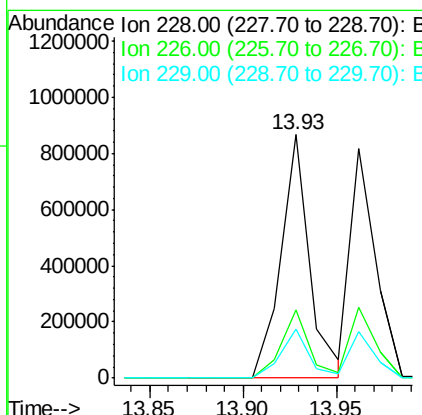
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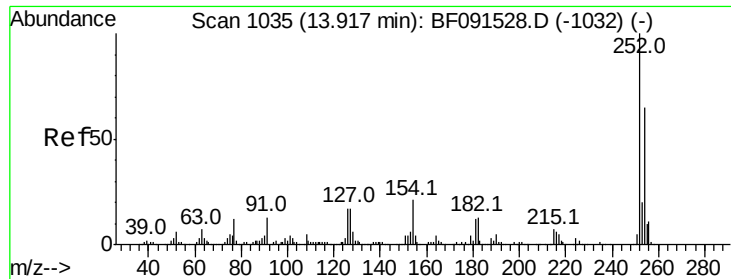
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#80
Benzo(a)anthracene
Concen: 45.03 ng
RT: 13.93 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	929377		
226	28.0	22.5	33.7	
229	20.1	16.4	24.6	





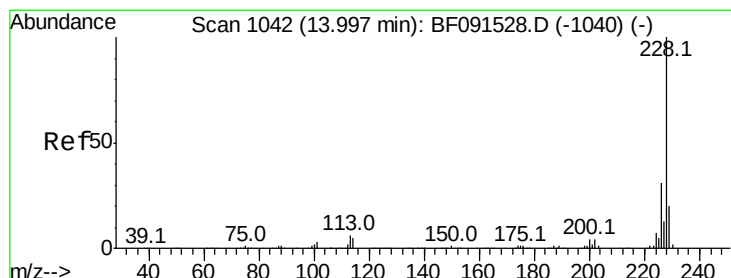
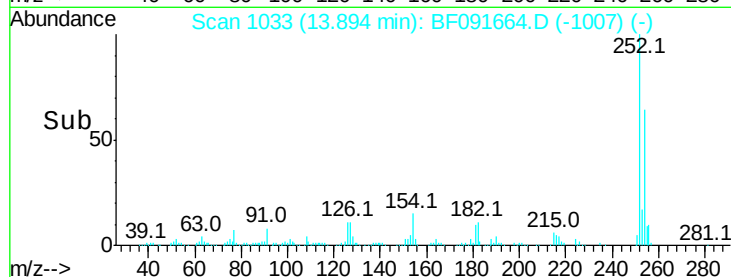
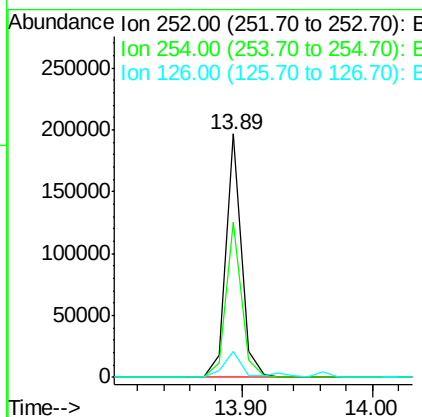
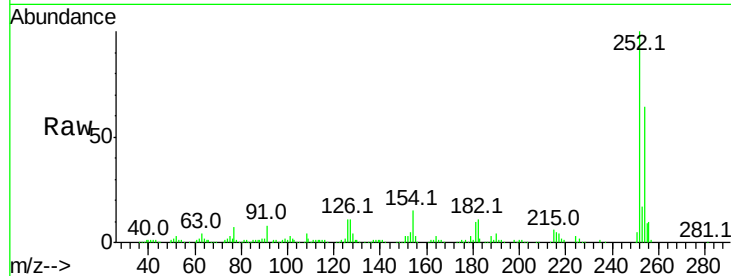
#81
 3,3'-Dichlorobenzidine
 Concen: 22.14 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF091664.D
 Acq: 16 Dec 2016 9:18

Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	164057		
254	63.8	52.1	78.1	
126	10.9	7.5	11.3	

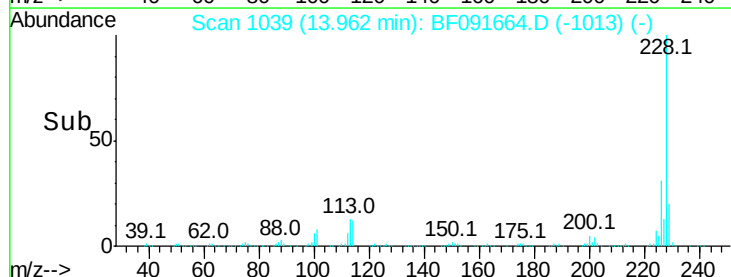
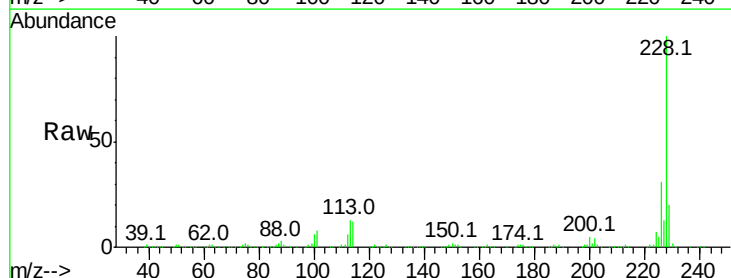
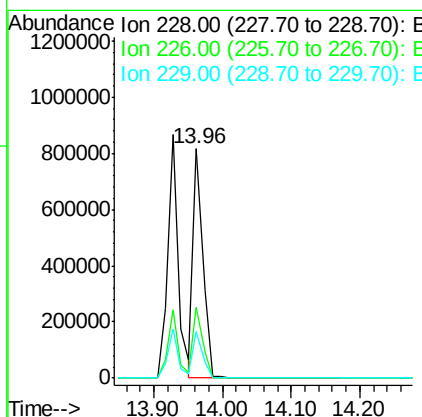
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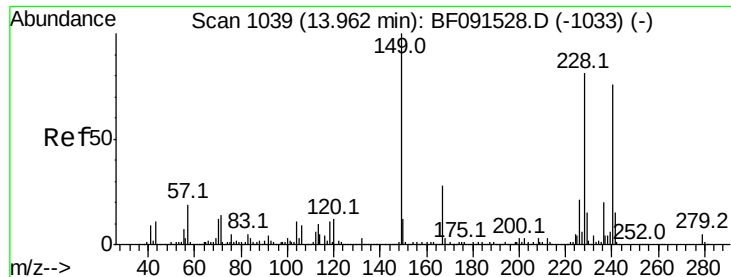
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#82
 Chrysene
 Concen: 36.54 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF091664.D
 Acq: 16 Dec 2016 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	789067		
226	30.9	25.0	37.4	
229	20.1	16.0	24.0	





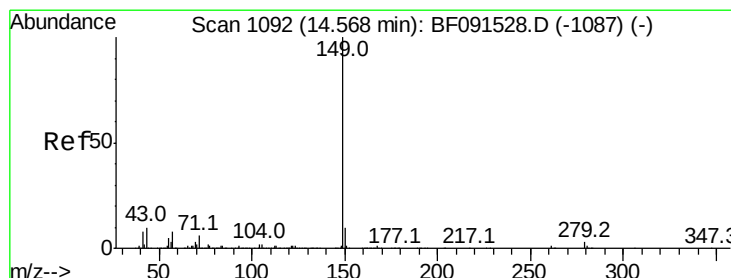
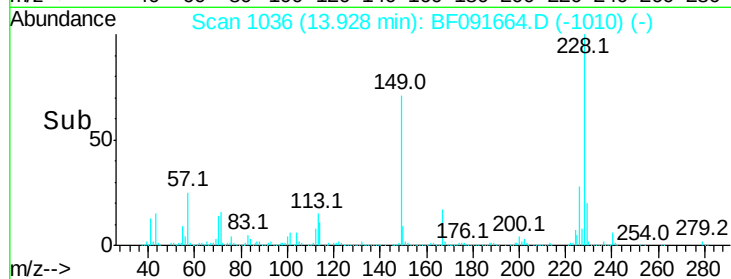
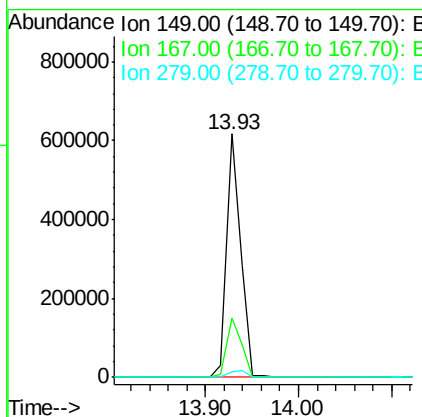
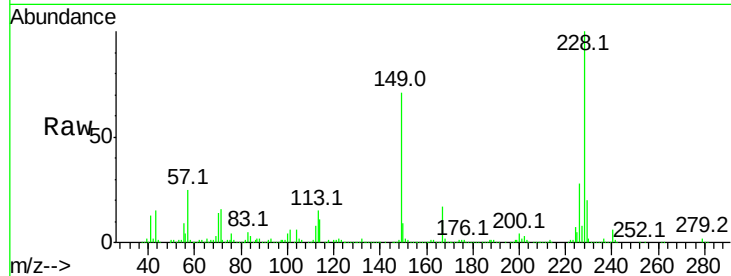
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.84 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF091664.D
 Acq: 16 Dec 2016 9:18

Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	24.6	19.6	29.4
279	2.3	1.9	2.9

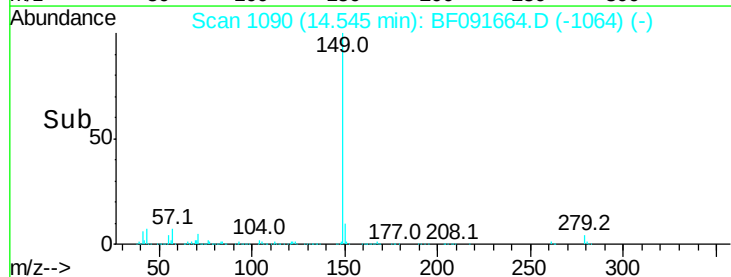
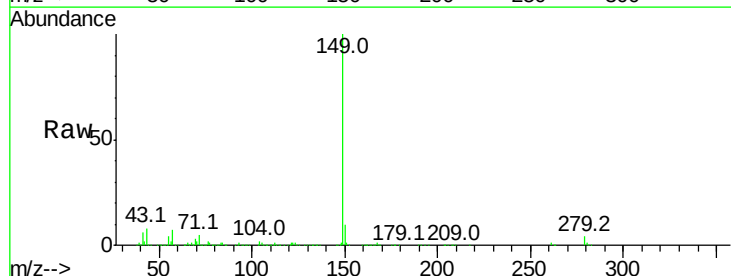
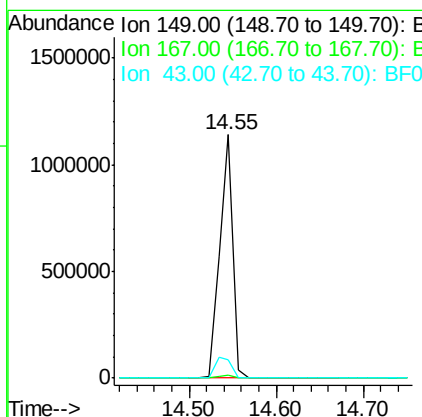
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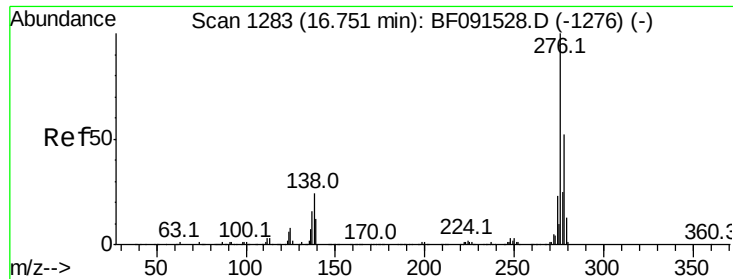
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#84
 Di-n-octyl phthalate
 Concen: 50.73 ng
 RT: 14.55 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: BF091664.D
 Acq: 16 Dec 2016 9:18

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.3	1.9
43	10.8	11.9	17.9#





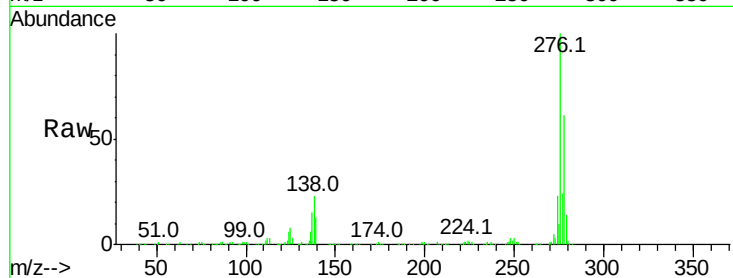
#85
Indeno(1,2,3-cd)pyrene
Concen: 35.92 ng
RT: 16.71 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MS

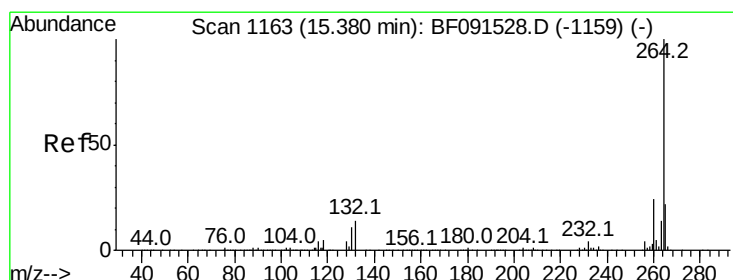
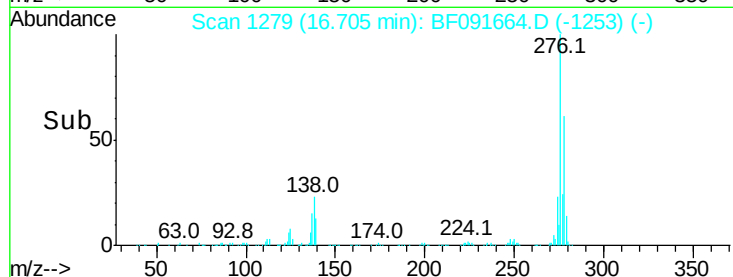
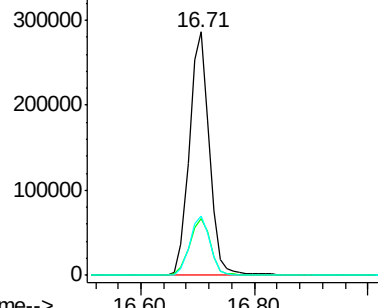
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.5	21.0	31.4
277	25.0	20.2	30.2

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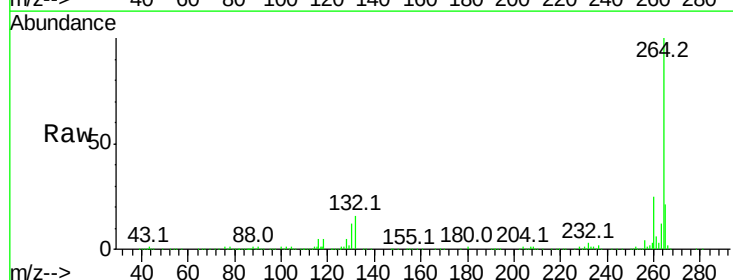


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

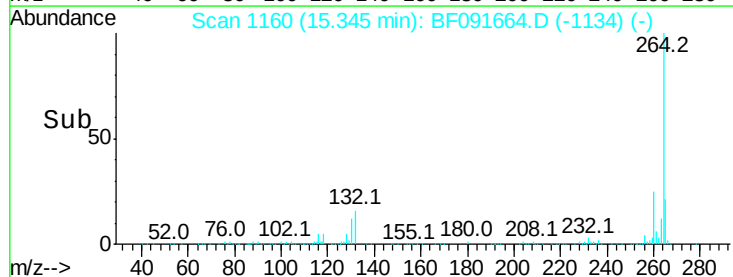
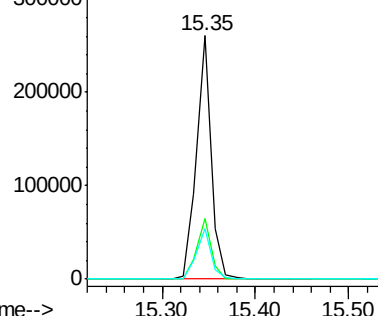


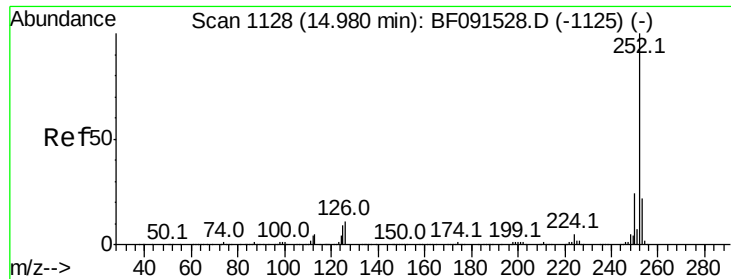
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.8	28.2
265	20.9	17.0	25.6



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





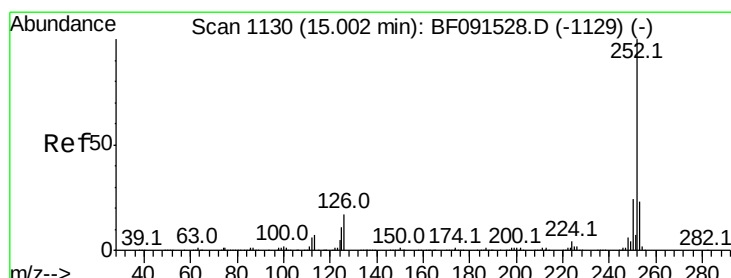
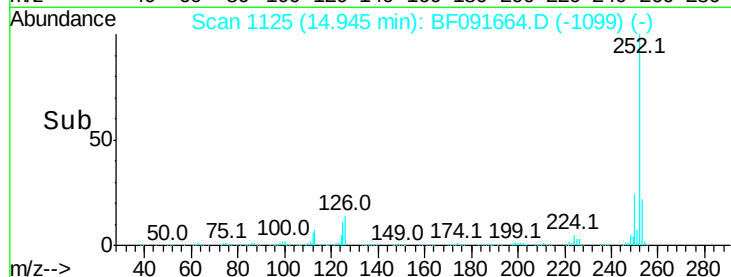
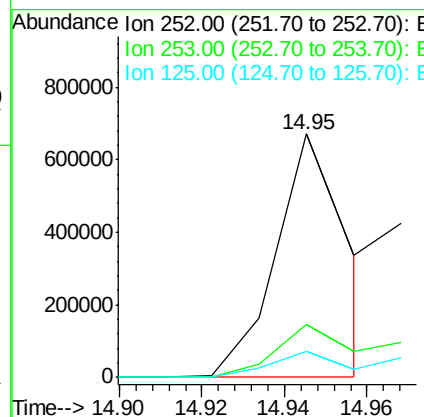
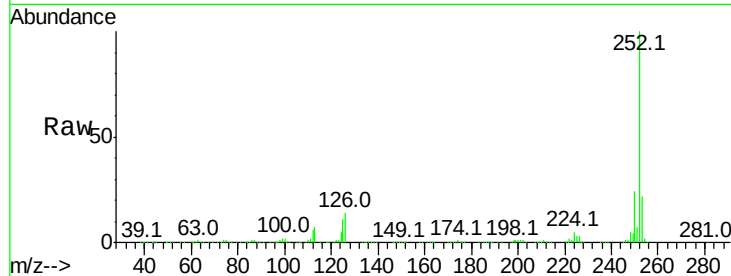
#87
Benzo(b)fluoranthene
Concen: 46.82 ng m
RT: 14.95 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	10.8	8.6	13.0

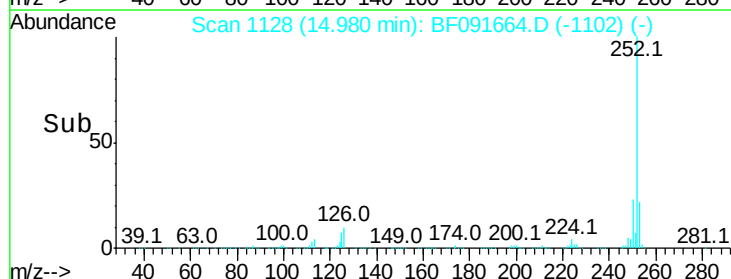
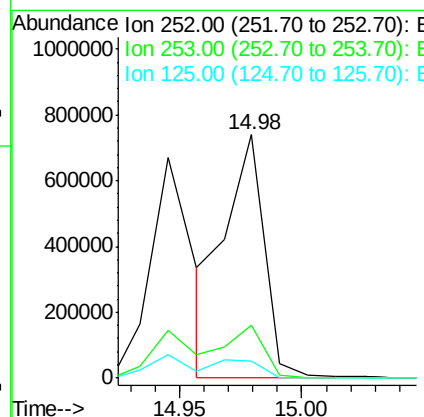
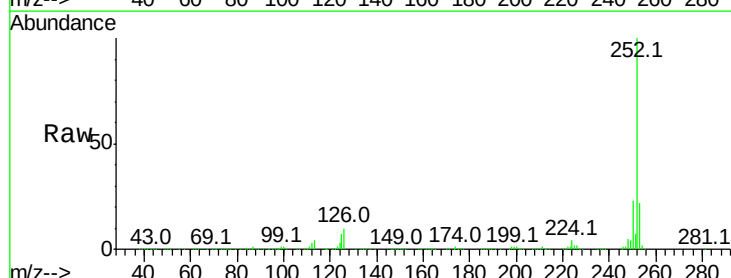
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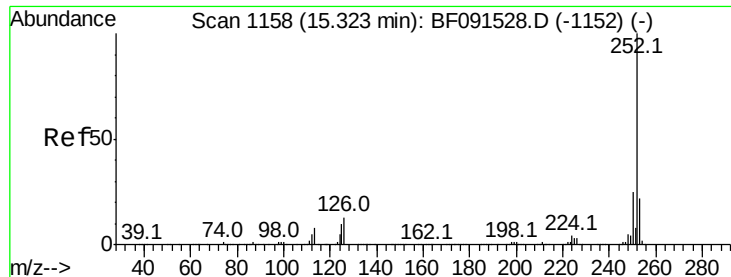
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#88
Benzo(k)fluoranthene
Concen: 55.48 ng m
RT: 14.98 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	6.9	9.6	14.4#





#89

Benzo(a)pyrene

Concen: 48.50 ng

RT: 15.29 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

Instrument :

BNA_F

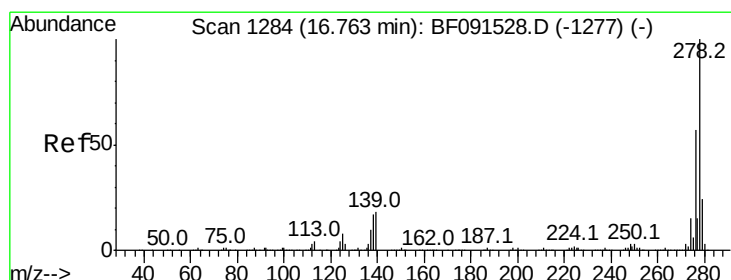
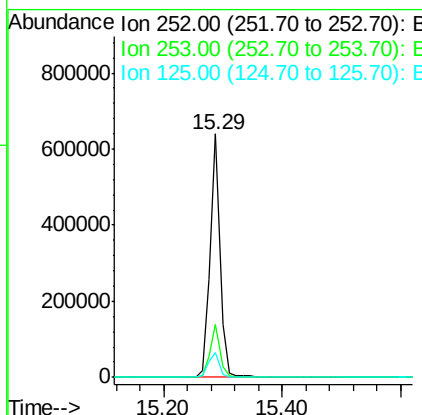
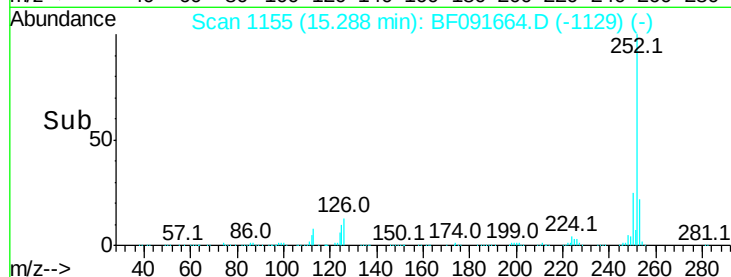
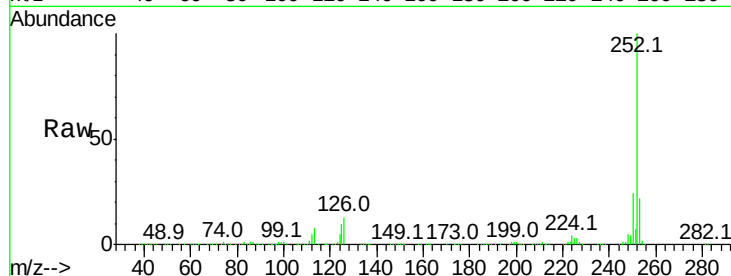
ClientSampleId :

TP20-COMP6MS

Tot Ion:	252	Resp:	750171
Ion Ratio		Lower	Upper
252	100		
253	21.6	18.2	27.4
125	9.9	10.4	15.6

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#90

Dibenzo(a,h)anthracene

Concen: 41.80 ng

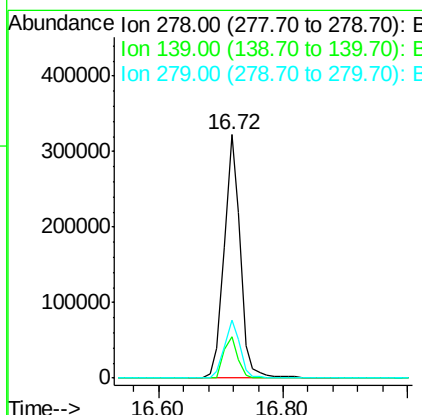
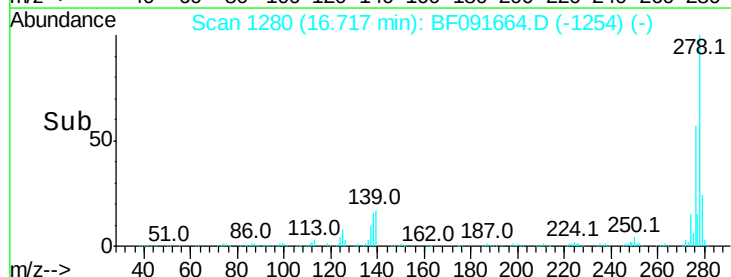
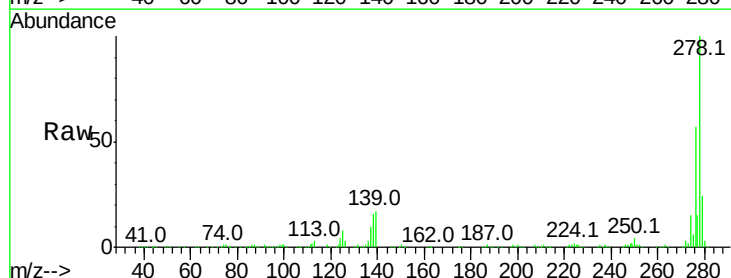
RT: 16.72 min Scan# 1280

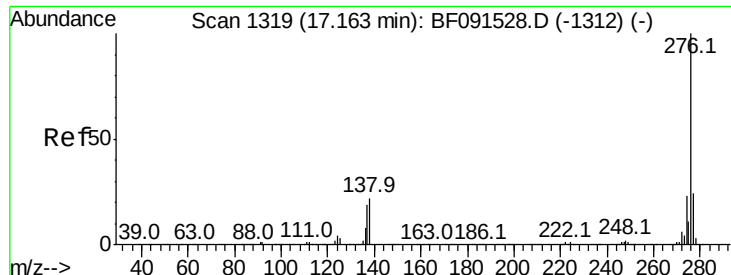
Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

Tgt Ion:	278	Resp:	579172
Ion Ratio		Lower	Upper
278	100		
139	17.1	15.1	22.7
279	23.8	19.0	28.6





#91
 Benzo(a,h,i)perylene
 Concen: 40.41 ng
 RT: 17.12 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: BF091664.D
 Acq: 16 Dec 2016 9:18

Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6MS

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	22.5	19.0	28.4
138	18.2	15.4	23.0

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