

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
 Data File : BF091575.D
 Acq On : 14 Dec 2016 2:53
 Operator : UM/SJ
 Sample : H5922-02MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC120716MSD

Manual Integrations
 APPROVED

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 12/14/2016 6:23:04 PM

Quant Time: Dec 14 04:31:23 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	309511	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1198667	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	576889	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	822165	20.00	ng	0.00
75) Chrysene-d12	13.96	240	514919	20.00	ng	0.00
86) Perylene-d12	15.38	264	629375	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	2016849	109.78	ng	0.02
7) Phenol-d6	6.46	99	2502504	109.26	ng	0.01
23) Nitrobenzene-d5	7.38	82	1701970	79.25	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	611530	127.63	ng	0.01
44) 2-Fluorobiphenyl	9.18	172	2754217	82.49	ng	0.00
78) Terphenyl-d14	12.92	244	2166359	95.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	293840	30.31	ng	# 70
3) Pyridine	3.23	79	666697	25.81	ng	# 78
4) n-Nitrosodimethylamine	3.16	42	399506	35.99	ng	# 60
6) Aniline	6.48	93	490141	16.32	ng	# 1
8) 2-Chlorophenol	6.60	128	780669	37.65	ng	88
9) Benzaldehyde	6.36	77	114180m	7.24	ng	
10) Phenol	6.48	94	1027128	38.36	ng	92
11) bis(2-Chloroethyl)ether	6.56	93	847352	42.12	ng	88
12) 1,3-Dichlorobenzene	6.75	146	798930m	35.53	ng	
13) 1,4-Dichlorobenzene	6.83	146	807198	36.39	ng	97
14) 1,2-Dichlorobenzene	6.99	146	800963	40.07	ng	94
15) Benzyl Alcohol	6.97	79	714766	39.53	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1226211	39.33	ng	82
17) 2-Methylphenol	7.08	107	660354	38.49	ng	# 75
18) Hexachloroethane	7.33	117	309422	35.75	ng	97
19) n-Nitroso-di-n-propylamine	7.24	70	588364	41.08	ng	# 68
20) 3+4-Methylphenols	7.23	107	766066	41.07	ng	# 50
22) Acetophenone	7.23	105	1161031	40.43	ng	# 97
24) Nitrobenzene	7.40	77	978649	43.13	ng	# 84
25) Isophorone	7.64	82	1636274	42.86	ng	99
26) 2-Nitrophenol	7.72	139	432944	43.23	ng	# 66
27) 2,4-Dimethylphenol	7.77	122	753433	42.83	ng	91
28) bis(2-Chloroethoxy)methane	7.86	93	1047770	46.79	ng	98
29) 2,4-Dichlorophenol	7.96	162	640947	41.88	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	673919	38.75	ng	99
31) Naphthalene	8.12	128	2177373	39.04	ng	99
32) Benzoic acid	7.88	122	426987	35.27	ng	92
33) 4-Chloroaniline	8.17	127	219095	9.12	ng	99
34) Hexachlorobutadiene	8.25	225	394193	39.53	ng	98
35) Caprolactam	8.53	113	182489m	40.83	ng	
36) 4-Chloro-3-methylphenol	8.67	107	699900	40.78	ng	# 82
37) 2-Methylnaphthalene	8.82	142	1497247	41.48	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	589004	37.23	ng	98
40) Hexachlorocyclopentadiene	8.97	237	479162	67.92	ng	100

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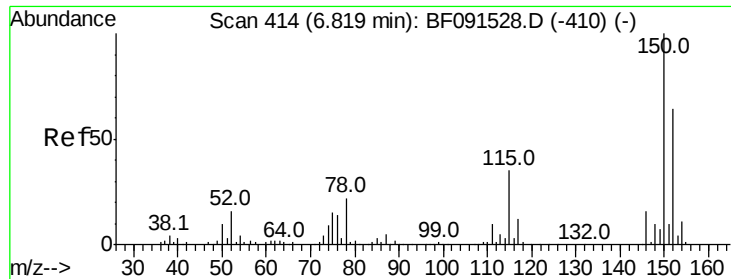
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Quant Time: Dec 14 04:31:23 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	424579	41.76	nq	98
43) 2,4,5-Trichlorophenol	9.14	196	434387	41.58	nq #	88
45) 1,1'-Biphenyl	9.28	154	1673398	40.05	nq	98
46) 2-Chloronaphthalene	9.30	162	1259841	38.94	nq	99
47) 2-Nitroaniline	9.40	65	456884	41.99	nq	82
48) Acenaphthylene	9.71	152	1999002	40.53	nq	99
49) Dimethylphthalate	9.58	163	1684563	46.12	nq	99
50) 2,6-Dinitrotoluene	9.64	165	371585	46.35	nq #	81
51) Acenaphthene	9.88	154	1377734	40.22	nq	98
52) 3-Nitroaniline	9.80	138	178351	18.94	nq	89
53) 2,4-Dinitrophenol	9.92	184	246362	59.25	nq #	76
54) Dibenzofuran	10.05	168	1824226	43.04	nq	99
55) 4-Nitrophenol	9.98	139	512437	73.13	nq #	54
56) 2,4-Dinitrotoluene	10.04	165	452384	45.02	nq #	73
57) Fluorene	10.40	166	1243899	40.58	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.18	232	352956	43.15	nq	94
59) Diethylphthalate	10.28	149	1562572	44.42	nq	96
60) 4-Chlorophenyl-phenylether	10.40	204	642093	42.13	nq #	90
61) 4-Nitroaniline	10.42	138	317867	33.96	nq	96
62) Azobenzene	10.56	77	1767511	44.35	nq	92
64) 4,6-Dinitro-2-methylphenol	10.45	198	168575	34.63	nq #	34
65) n-Nitrosodiphenylamine	10.51	169	1147331	46.81	nq	100
66) 4-Bromophenyl-phenylether	10.89	248	412256	48.91	nq #	79
67) Hexachlorobenzene	10.94	284	380859	43.45	nq #	76
68) Atrazine	11.05	200	395811	50.22	nq	94
69) Pentachlorophenol	11.14	266	398166	80.72	nq	94
70) Phenanthrene	11.36	178	1754980	43.10	nq	99
71) Anthracene	11.41	178	2002561	45.60	nq	99
72) Carbazole	11.56	167	1539084	39.98	nq	99
73) Di-n-butylphthalate	11.90	149	2182090	48.66	nq	99
74) Fluoranthene	12.54	202	1778427	41.72	nq	99
76) Benzidine	12.66	184	427342	26.84	nq	97
77) Pyrene	12.77	202	1741546	42.63	nq	99
79) Butylbenzylphthalate	13.39	149	746289	46.86	nq	90
80) Benzo(a)anthracene	13.95	228	1328070	44.41	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	395131	36.80	nq #	96
82) Chrysene	14.00	228	1331823	42.57	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	963913	47.18	nq	98
84) Di-n-octyl phthalate	14.57	149	1812644	52.27	nq #	90
85) Indeno(1,2,3-cd)pyrene	16.75	276	1766646	62.75	nq	99
87) Benzo(b)fluoranthene	14.98	252	1612527m	42.98	nq	
88) Benzo(k)fluoranthene	15.00	252	1299086m	39.38	nq	
89) Benzo(a)pyrene	15.32	252	1497059	44.29	nq	98
90) Dibenzo(a,h)anthracene	16.77	278	1451481	47.94	nq	99
91) Benzo(g,h,i)perylene	17.17	276	1488227	48.29	nq	98

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



#1

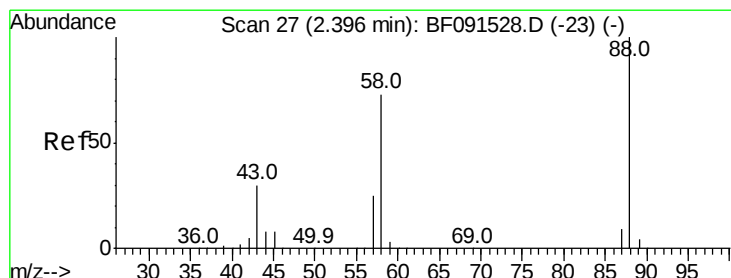
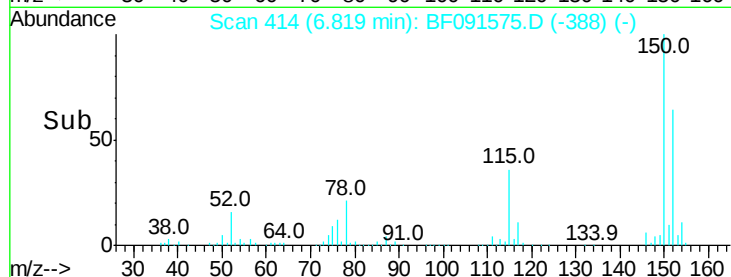
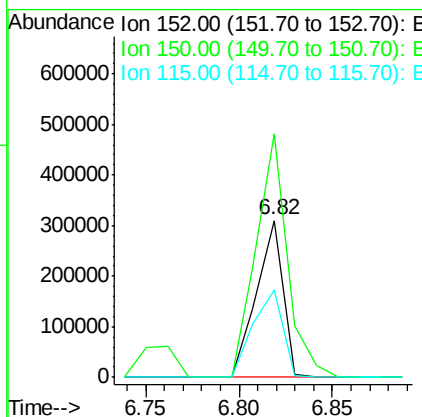
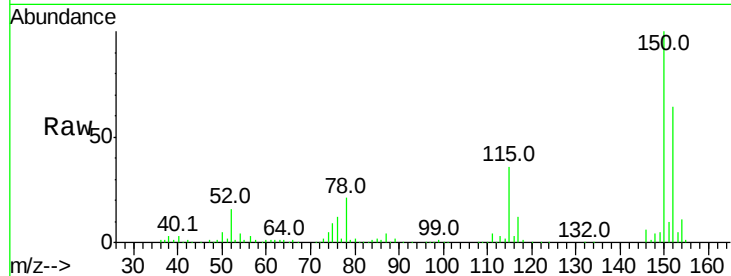
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.00 min
Lab File: BF091575.D
Acq: 14 Dec 2016 2:53

Instrument :
BNA_F
ClientSampleId :
WC120716MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	122.5	183.7
115	55.5	51.8	77.8

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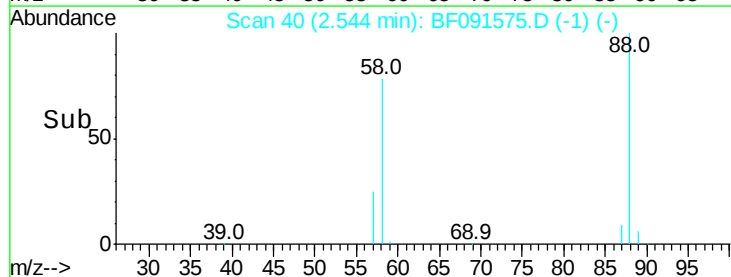
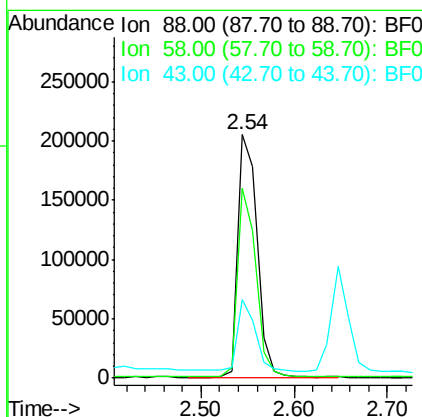
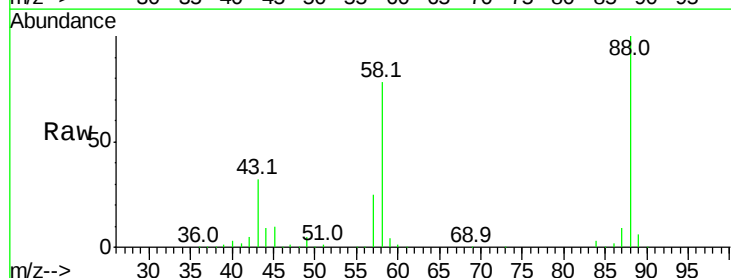
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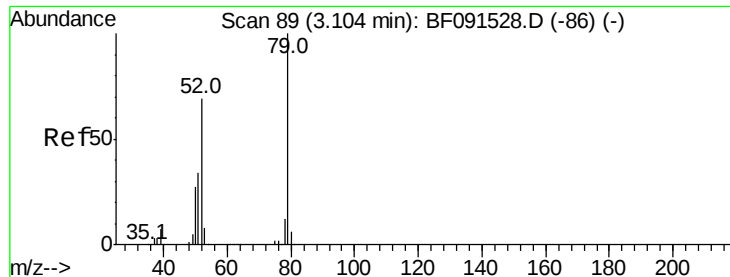


#2

1,4-Dioxane
Concen: 30.31 ng
RT: 2.54 min Scan# 40
Delta R.T. 0.15 min
Lab File: BF091575.D
Acq: 14 Dec 2016 2:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.6	70.3	105.5
43	0.0	31.3	46.9#





#3

Pvridine

Concen: 25.81 ng

RT: 3.23 min Scan# 100

Delta R.T. 0.13 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Instrument :

BNA_F

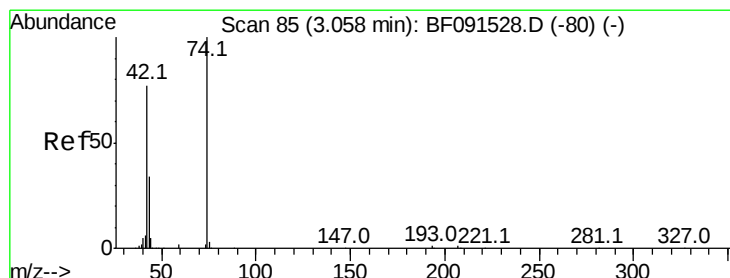
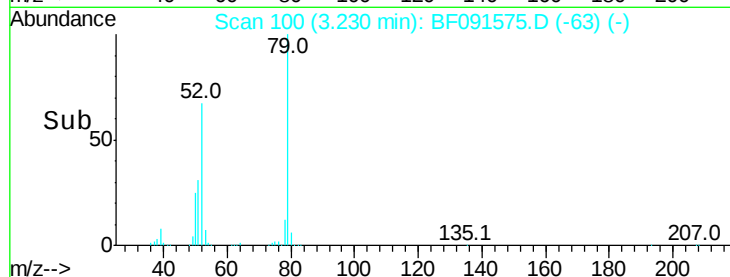
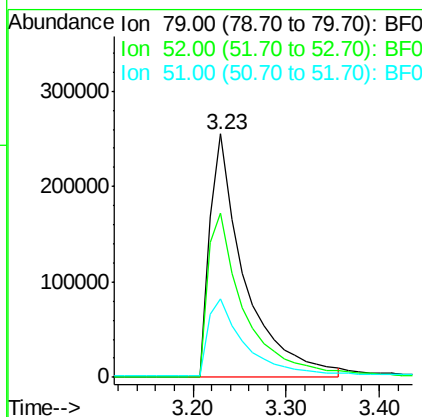
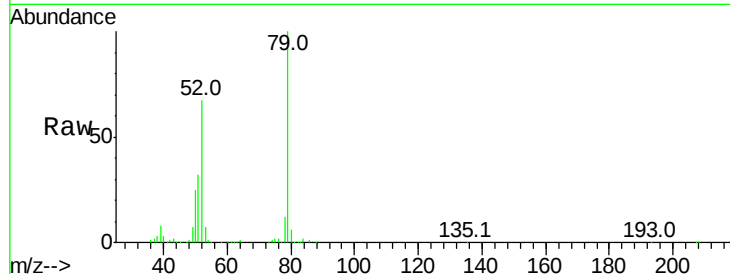
ClientSampleId :

WC120716MSD

Tot Ion:	79	Resp:	666697
Ion Ratio	Lower	Upper	
79	100		
52	67.3	71.0	106.4#
51	32.3	37.0	55.4#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 35.99 ng

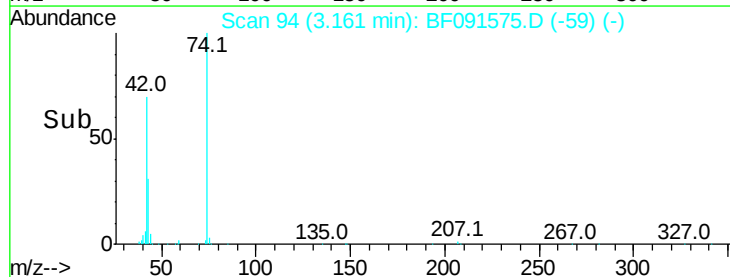
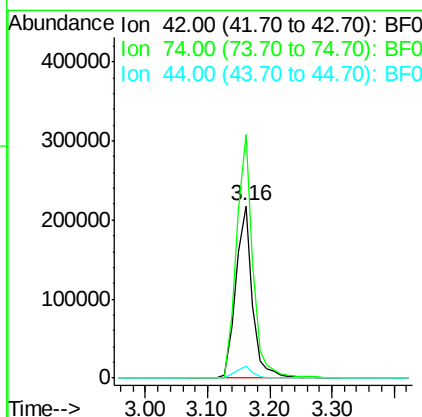
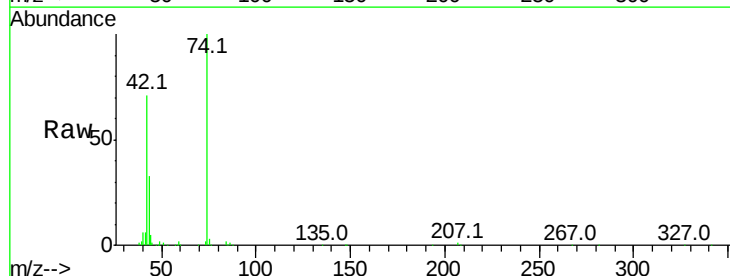
RT: 3.16 min Scan# 94

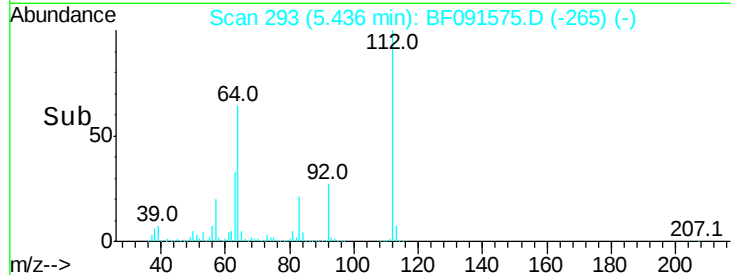
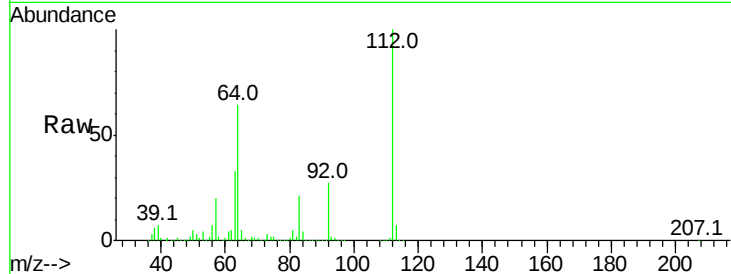
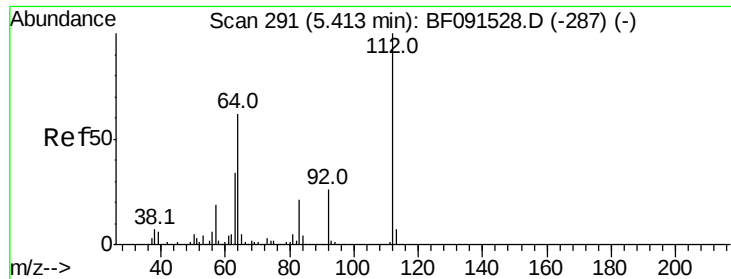
Delta R.T. 0.10 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Tgt Ion:	42	Resp:	399506
Ion Ratio	Lower	Upper	
42	100		
74	141.4	78.9	118.3#
44	7.1	5.8	8.6





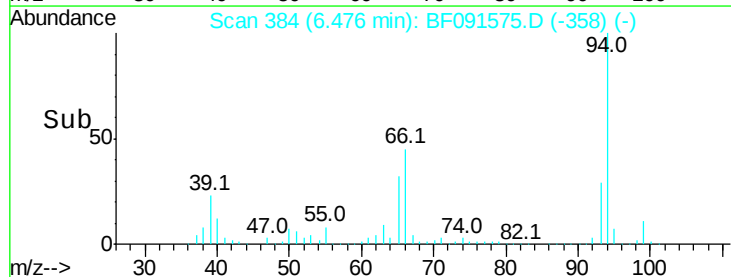
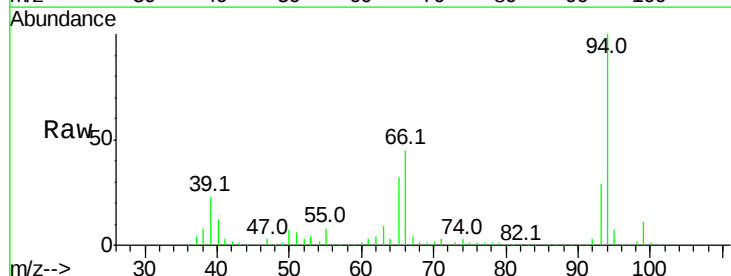
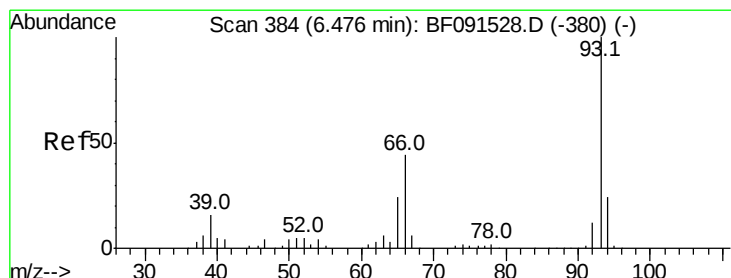
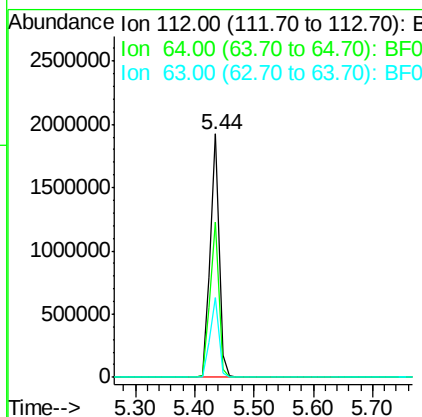
#5
2-Fluorophenol
Concen: 109.78 ng
RT: 5.44 min Scan# 293
Delta R.T. 0.02 min
Lab File: BF091575.D
Acq: 14 Dec 2016 2:53

Tot Ion	Ratio	Lower	Upper
112	100		
64	63.9	61.5	92.3
63	32.7	33.3	49.9#

Instrument :
BNA_F
ClientSampleId :
WC120716MSD

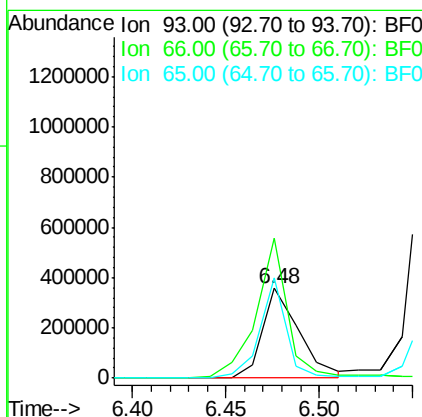
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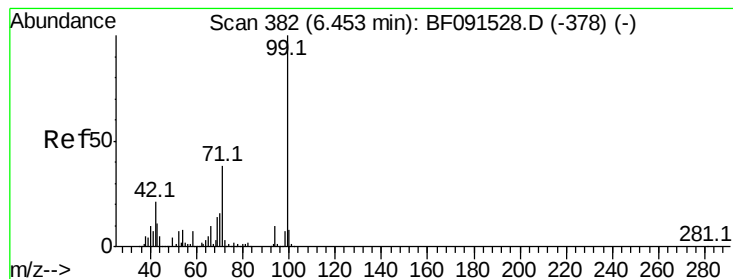
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#6
Aniline
Concen: 16.32 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.00 min
Lab File: BF091575.D
Acq: 14 Dec 2016 2:53

Tgt Ion	Ratio	Lower	Upper
93	100		
66	156.1	55.8	83.6#
65	111.4	29.9	44.9#





#7

Phenol-d6

Concen: 109.26 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Instrument :

BNA_F

ClientSampleId :

WC120716MSD

Tot Ion: 99 Resp: 2502504

Ion Ratio Lower Upper

99 100

42 18.8 20.6 31.0#

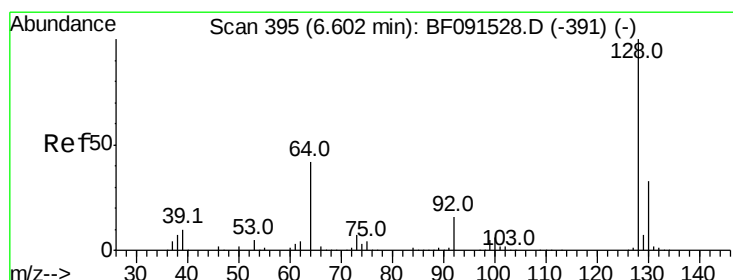
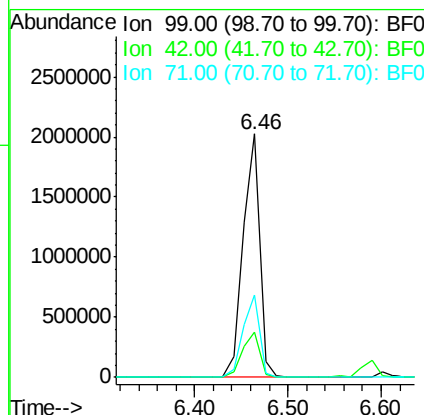
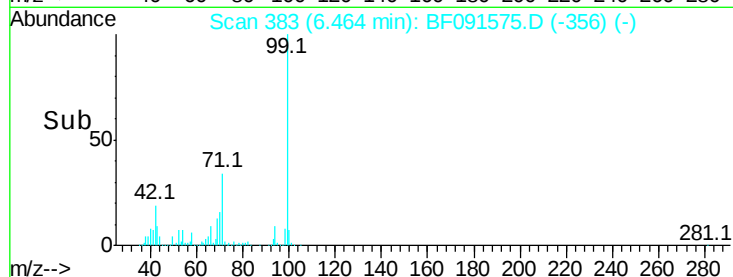
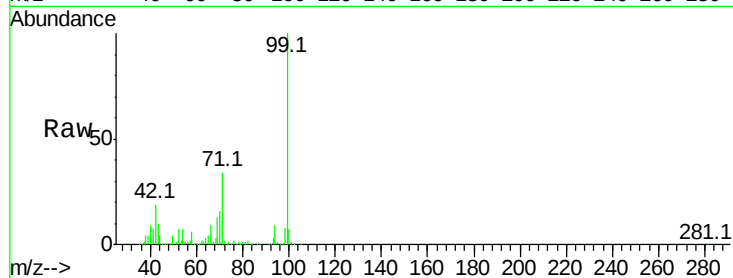
71 33.9 29.9 44.9

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#8

2-Chlorophenol

Concen: 37.65 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

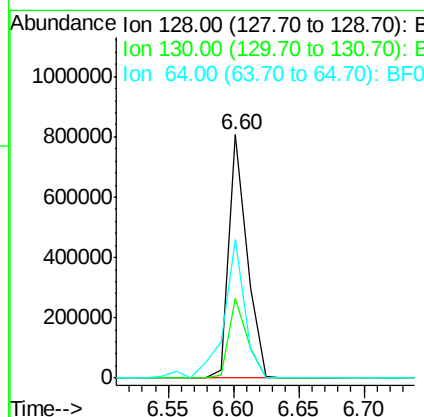
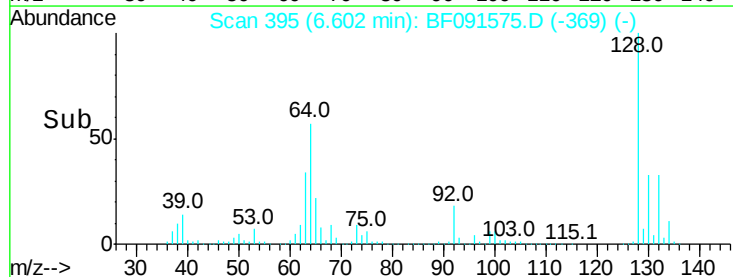
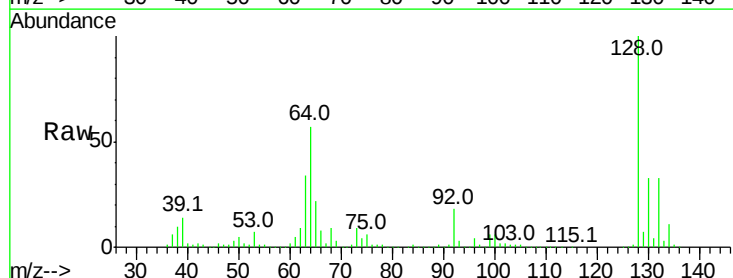
Tgt Ion: 128 Resp: 780669

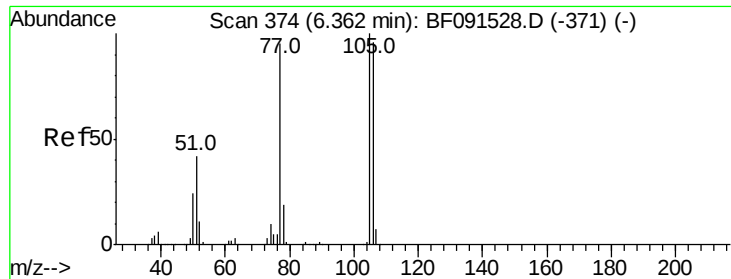
Ion Ratio Lower Upper

128 100

130 32.7 13.1 53.1

64 56.9 24.1 64.1





#9

Benzaldehyde

Concen: 7.24 ng/ml

RT: 6.36 min Scan# 374

Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Instrument :

BNA_F

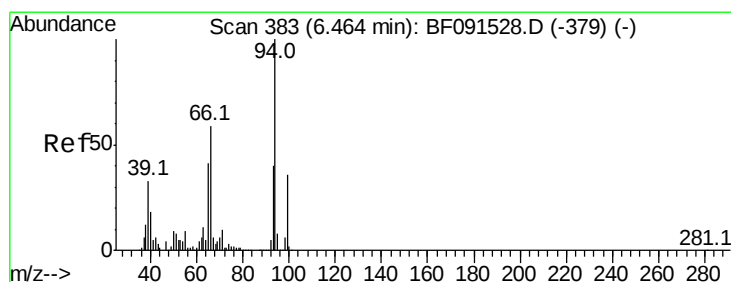
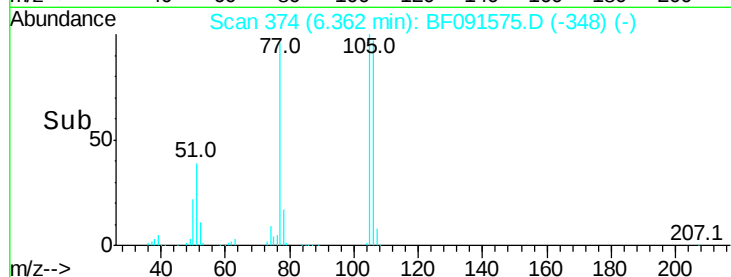
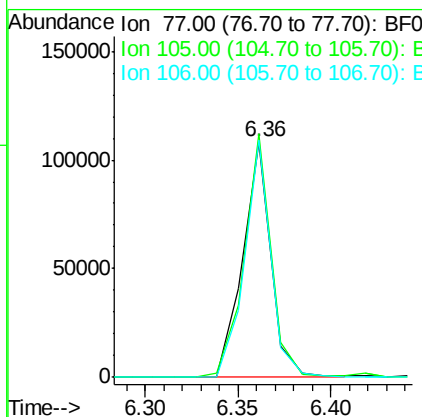
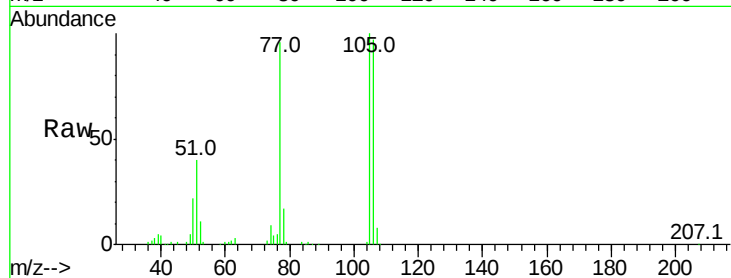
ClientSampleId :

WC120716MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	103.7	66.4	106.4
106	101.0	60.9	100.9

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#10

Phenol

Concen: 38.36 ng

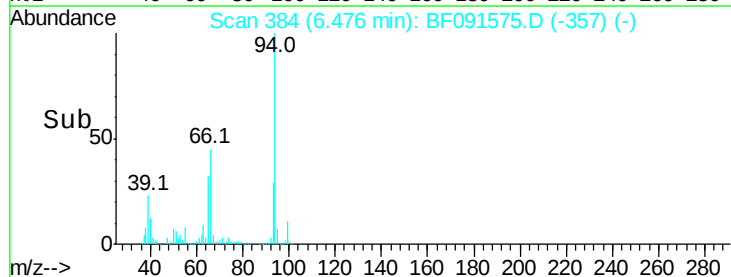
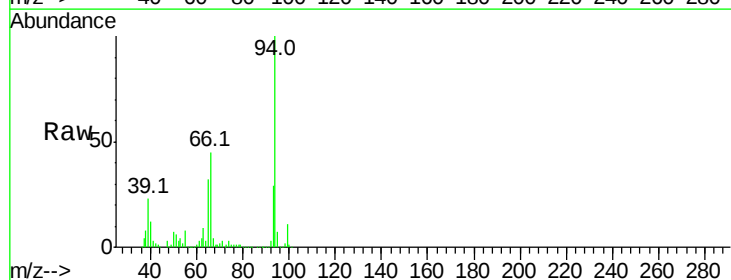
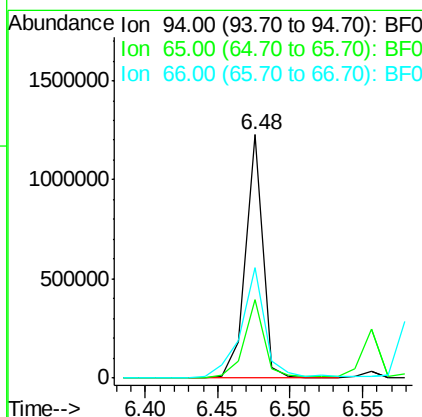
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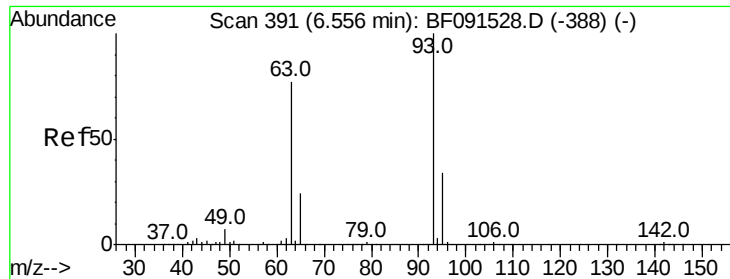
Delta R.T. 0.01 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.4	16.9	56.9
66	45.4	30.6	70.6





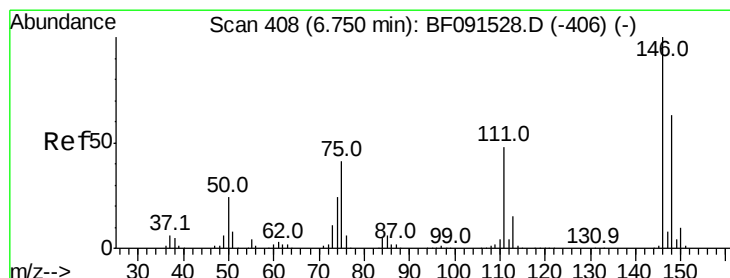
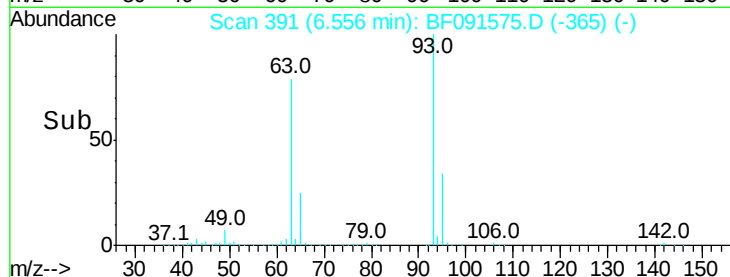
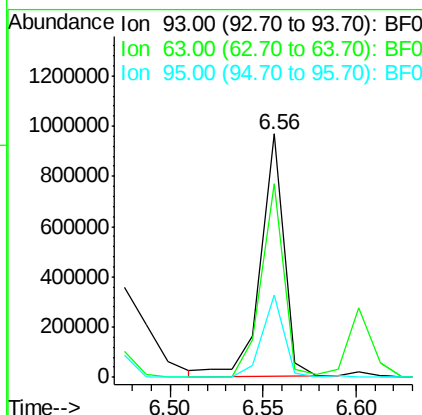
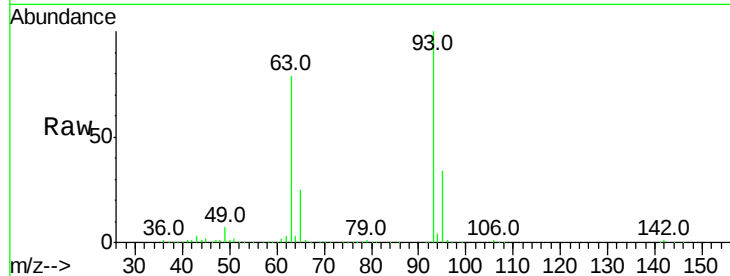
#11
bis(2-Chloroethyl)ether
Concen: 42.12 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.00 min
Lab File: BF091575.D
Acq: 14 Dec 2016 2:53

Instrument :
BNA_F
ClientSampleId :
WC120716MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.4	74.8	114.8
95	33.8	12.4	52.4

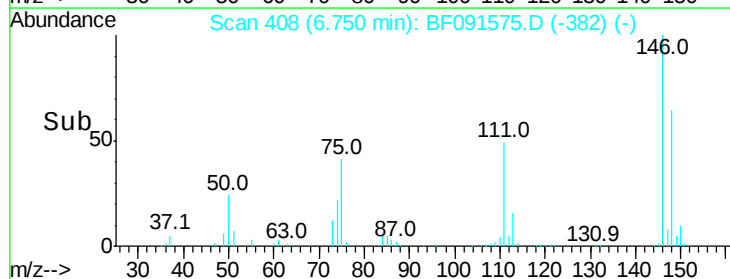
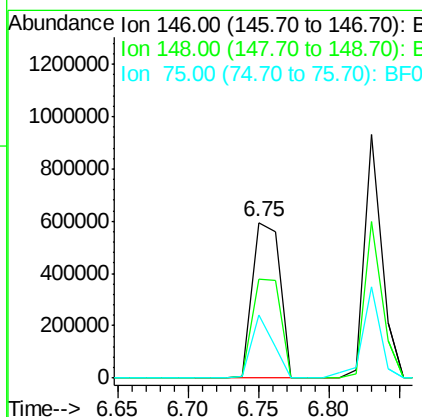
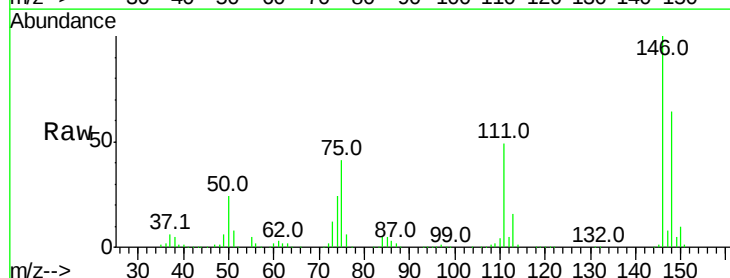
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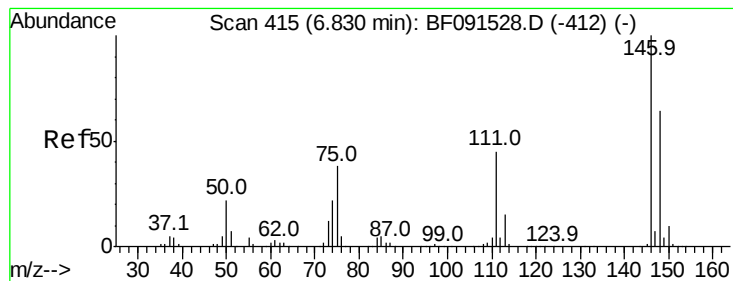
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#12
1,3-Dichlorobenzene
Concen: 35.53 ng m
RT: 6.75 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF091575.D
Acq: 14 Dec 2016 2:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.4	77.0
75	40.9	23.6	35.4#





#13

1,4-Dichlorobenzene

Concen: 36.39 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Instrument :

BNA_F

ClientSampleId :

WC120716MSD

Tot Ion:146 Resp: 807198

Ion Ratio Lower Upper

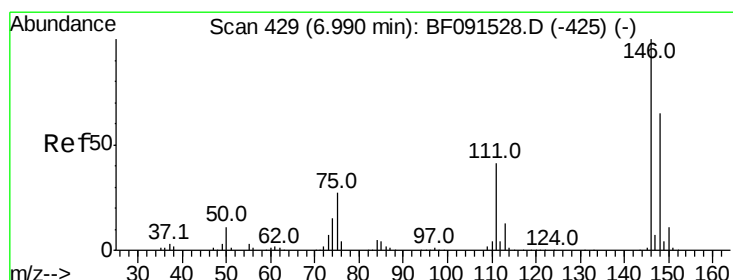
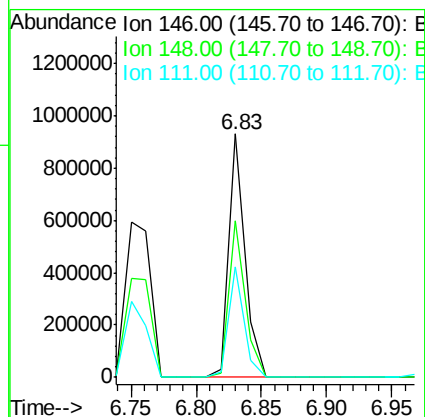
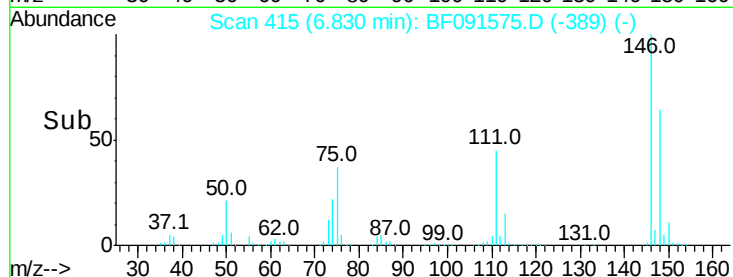
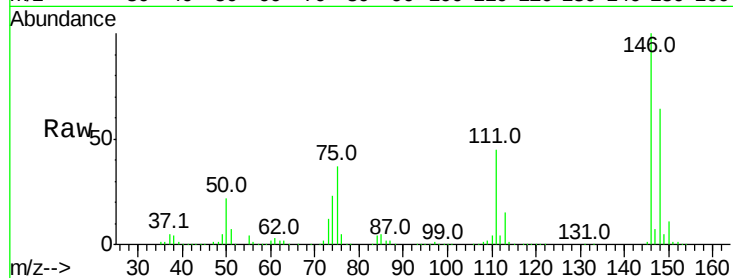
146 100

148 64.2 51.4 77.0

111 45.5 32.2 48.2

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#14

1,2-Dichlorobenzene

Concen: 40.07 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

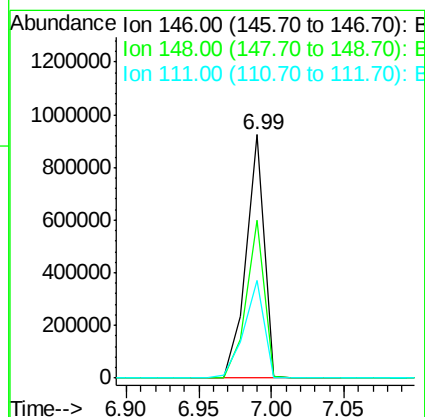
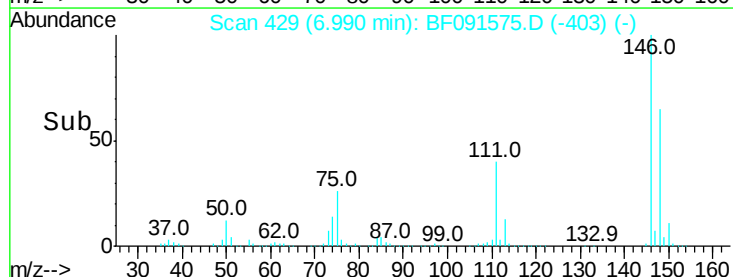
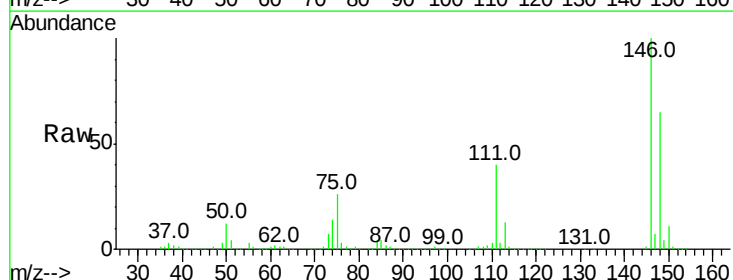
Tgt Ion:146 Resp: 800963

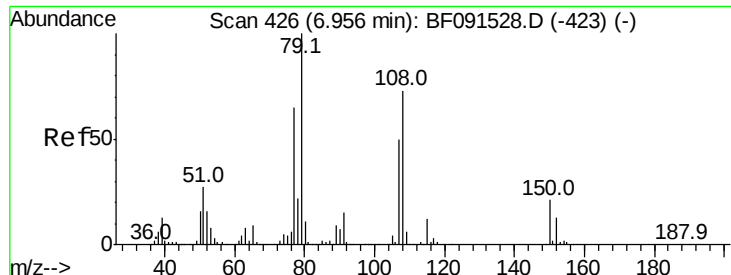
Ion Ratio Lower Upper

146 100

148 64.8 51.0 76.6

111 40.0 38.9 58.3





#15

Benzyl Alcohol

Concen: 39.53 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.01 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Instrument :

BNA_F

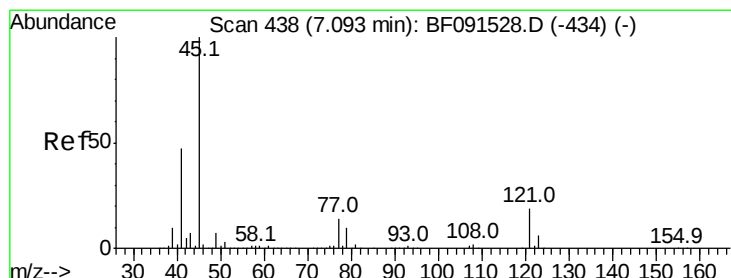
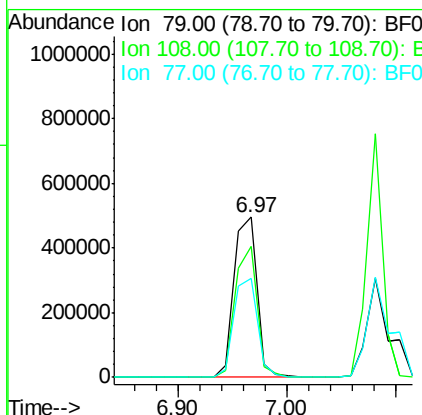
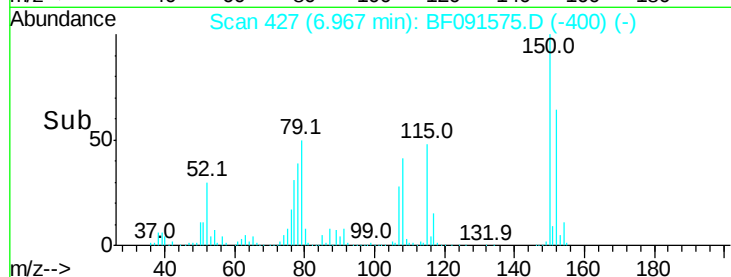
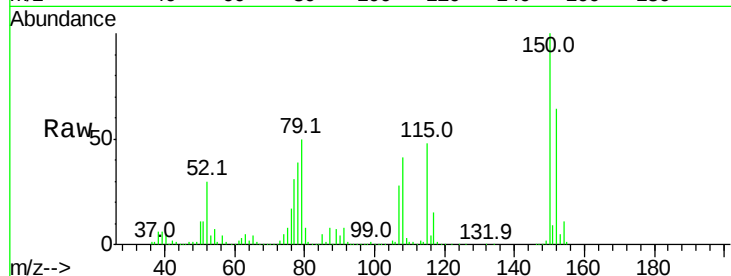
ClientSampled :

WC120716MSD

Tot Ion:	79	Resp:	714766
Ion Ratio	Lower	Upper	
79	100		
108	82.0	62.7	94.1
77	62.0	51.7	77.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.33 ng

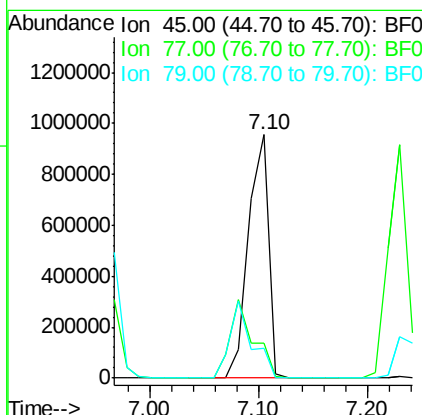
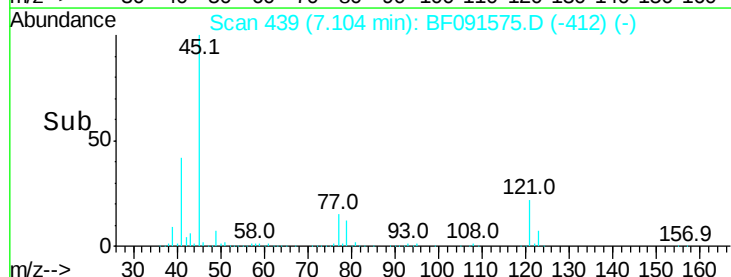
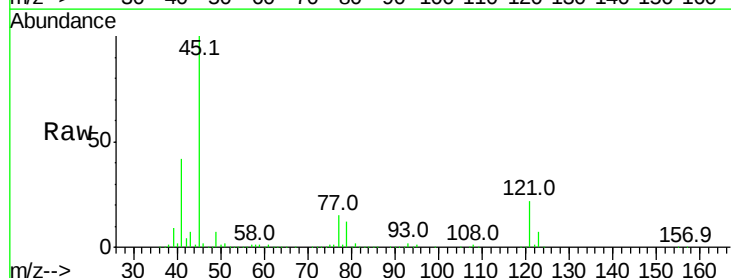
RT: 7.10 min Scan# 439

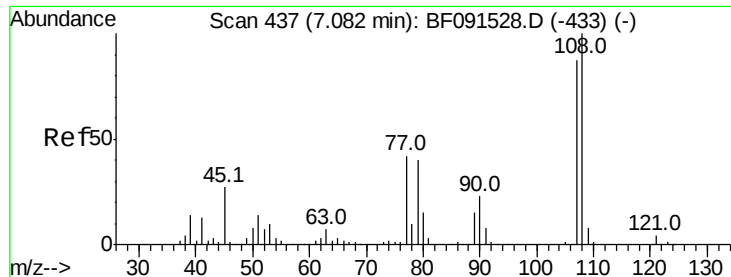
Delta R.T. 0.01 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Tgt Ion:	45	Resp:	1226211
Ion Ratio	Lower	Upper	
45	100		
77	14.6	3.8	43.8
79	12.0	0.2	40.2





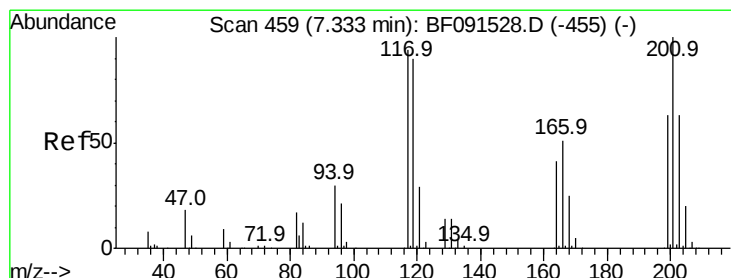
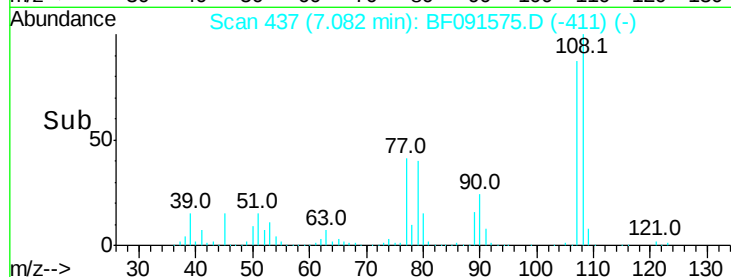
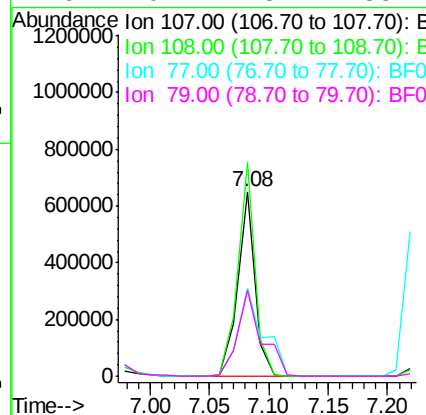
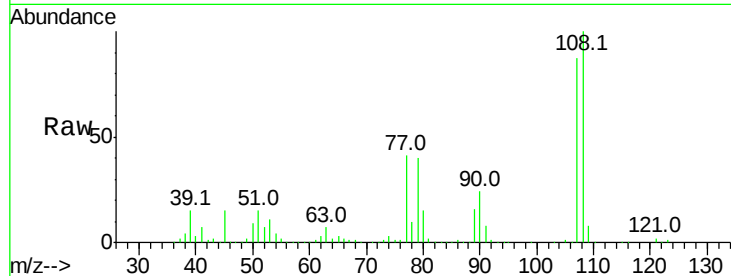
#17
2-Methylphenol
Concen: 38.49 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF091575.D
Acq: 14 Dec 2016 2:53

Instrument :
BNA_F
ClientSampleId :
WC120716MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	660354		
108	115.5	67.7	101.5#	
77	47.6	40.7	61.1	
79	46.7	23.4	35.2#	

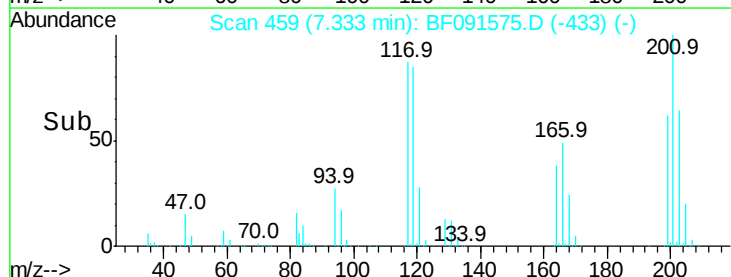
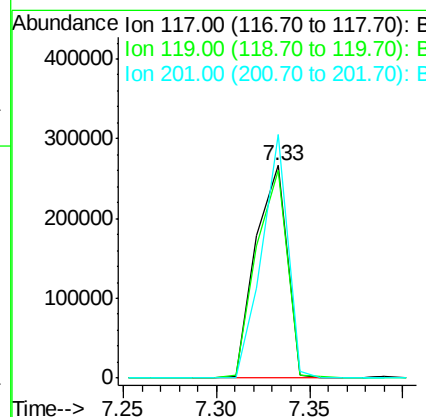
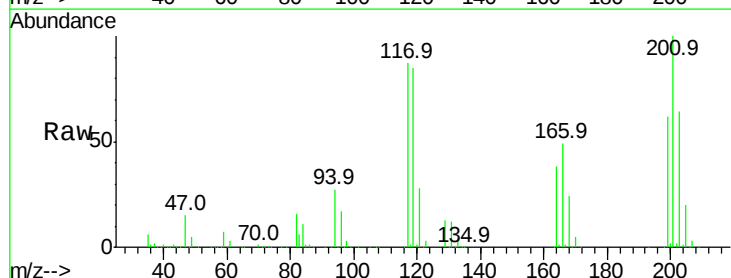
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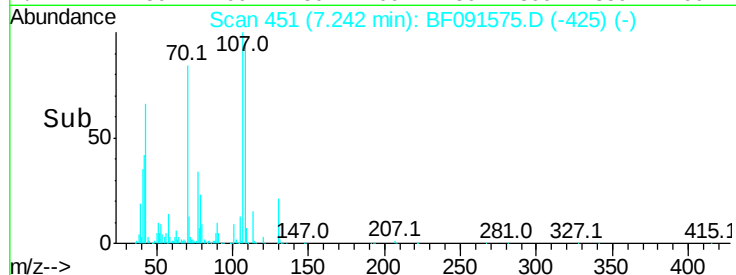
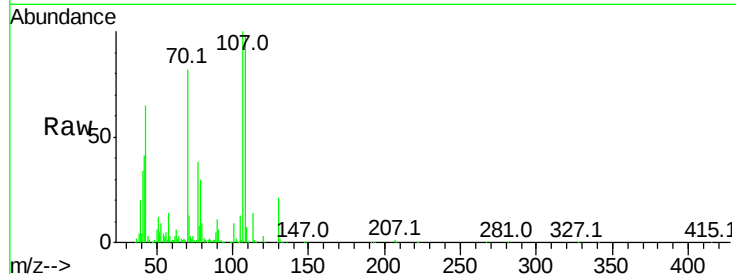
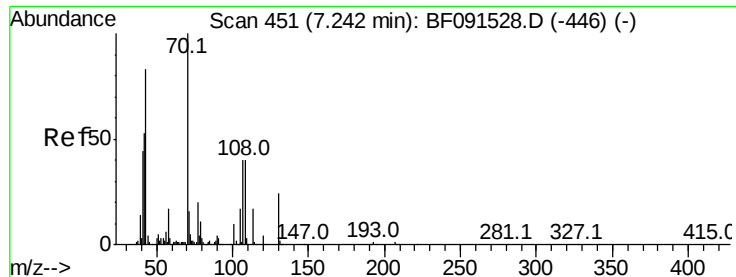
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#18
Hexachloroethane
Concen: 35.75 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF091575.D
Acq: 14 Dec 2016 2:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	309422		
119	97.4	78.6	118.0	
201	114.4	86.7	130.1	





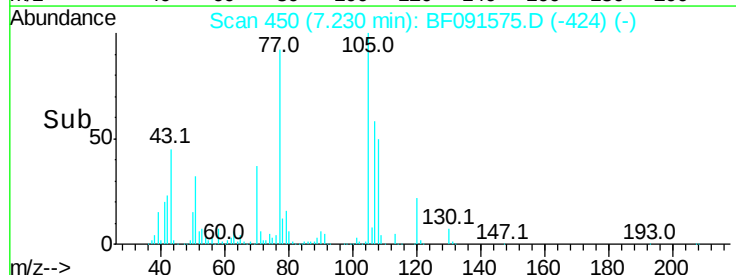
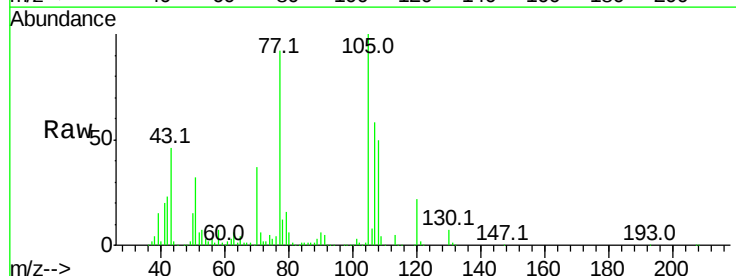
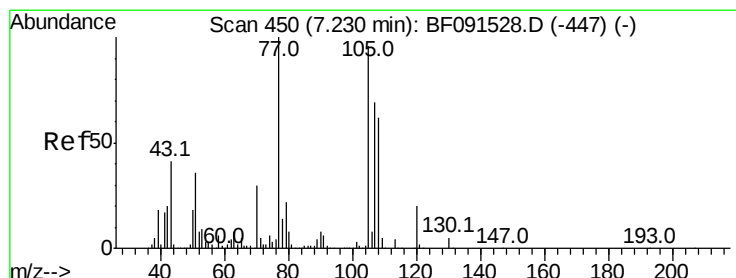
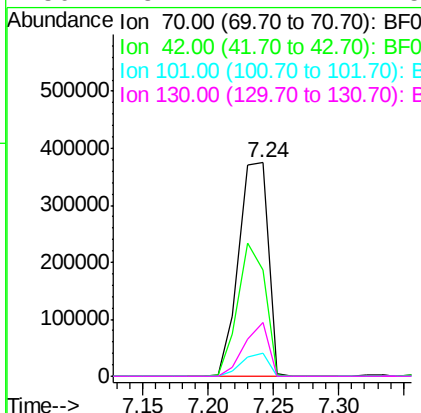
#19
n-Nitroso-di-n-propylamine
Concen: 41.08 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF091575.D
Acq: 14 Dec 2016 2:53

Instrument :
BNA_F
ClientSampleId :
WC120716MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	50.0	64.8	97.2#
101	10.5	6.2	9.4#
130	25.4	11.7	17.5#

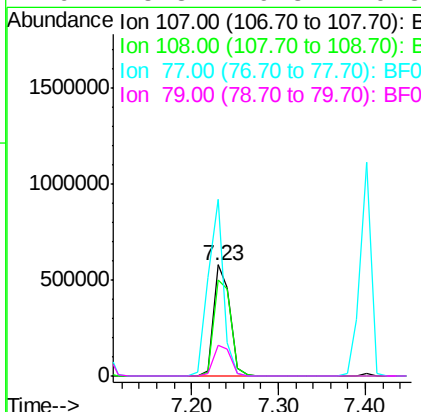
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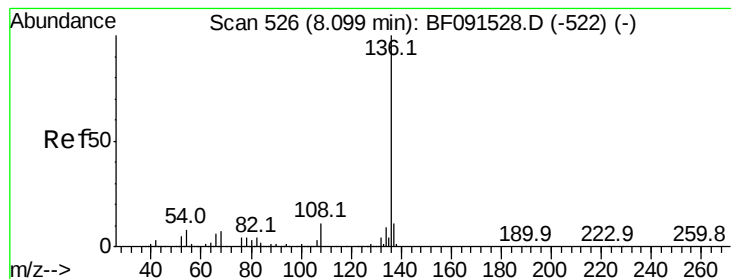
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#20
3+4-Methylphenols
Concen: 41.07 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF091575.D
Acq: 14 Dec 2016 2:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.3	64.6	104.6
77	159.5	30.9	70.9#
79	28.3	9.3	49.3





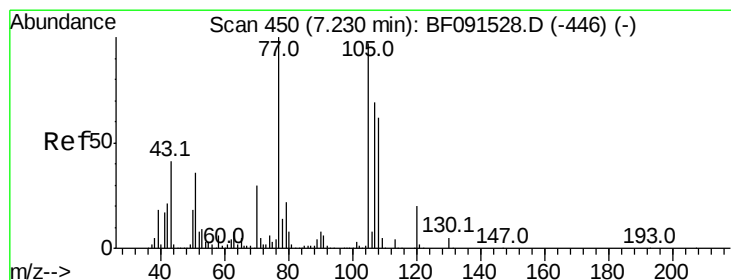
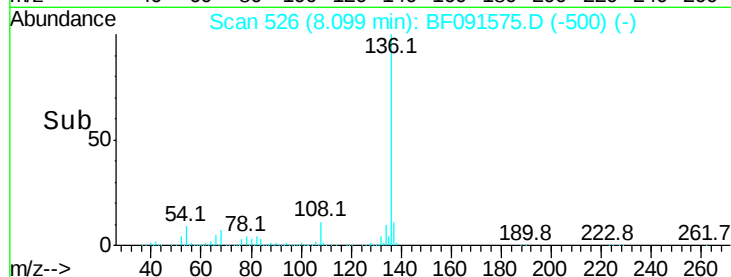
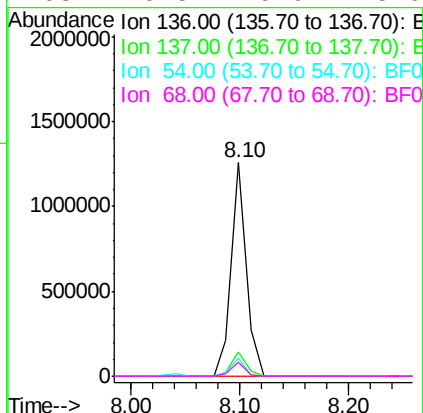
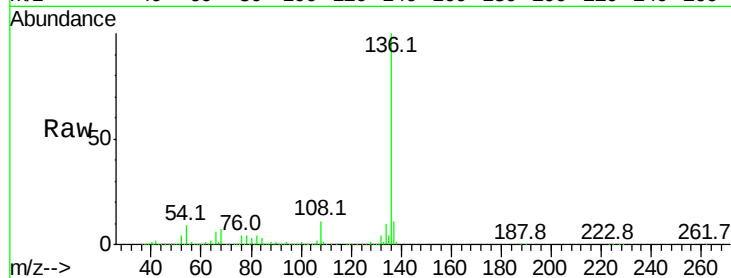
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF091575.D
Acq: 14 Dec 2016 2:53

Instrument :
BNA_F
ClientSampleId :
WC120716MSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.5	9.1	13.7#
68	6.5	5.9	8.9

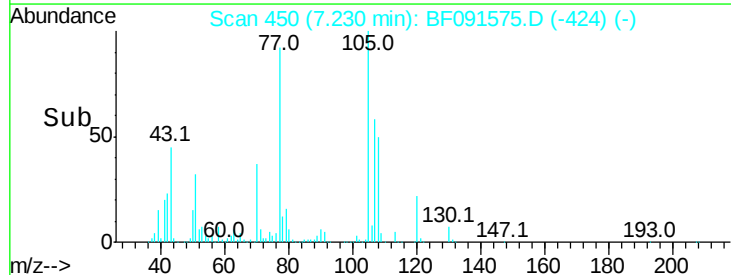
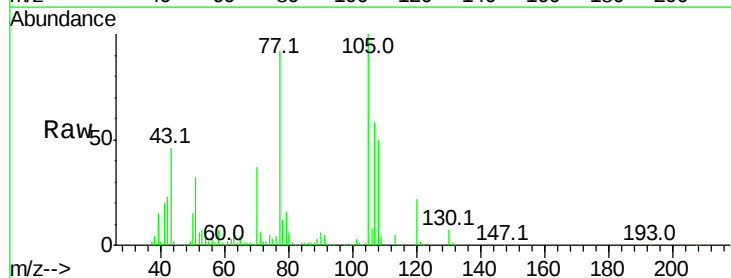
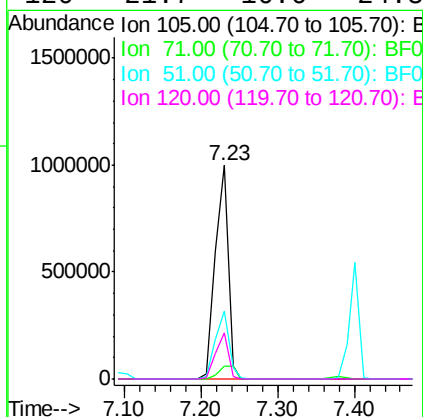
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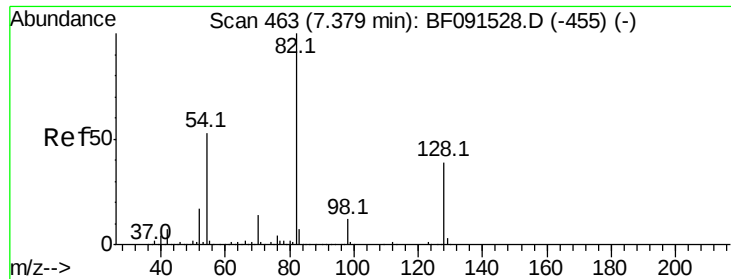
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#22
Acetophenone
Concen: 40.43 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF091575.D
Acq: 14 Dec 2016 2:53

Tgt Ion	Ratio	Lower	Upper
105	100		
71	6.2	7.9	11.9#
51	31.9	24.5	36.7
120	21.7	16.6	24.8





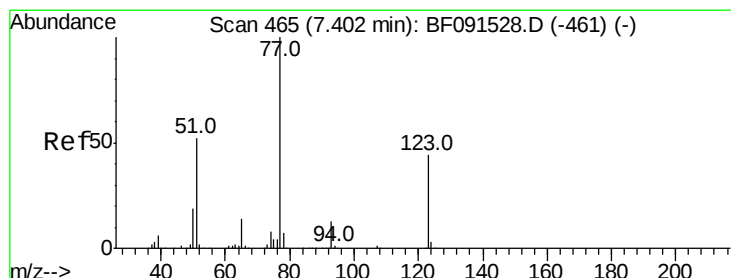
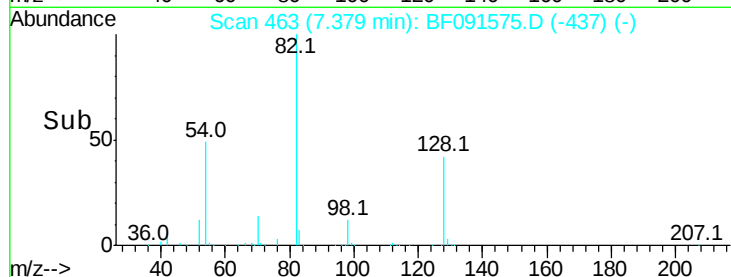
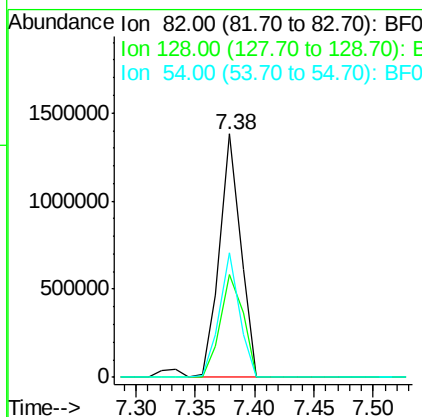
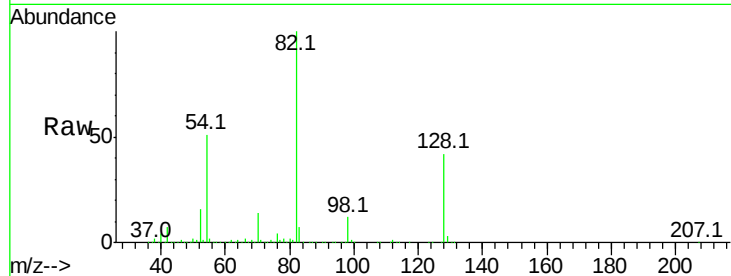
#23
Nitrobenzene-d5
Concen: 79.25 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF091575.D
Acq: 14 Dec 2016 2:53

Instrument :
BNA_F
ClientSampleId :
WC120716MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.1	31.8	47.6
54	51.3	49.1	73.7

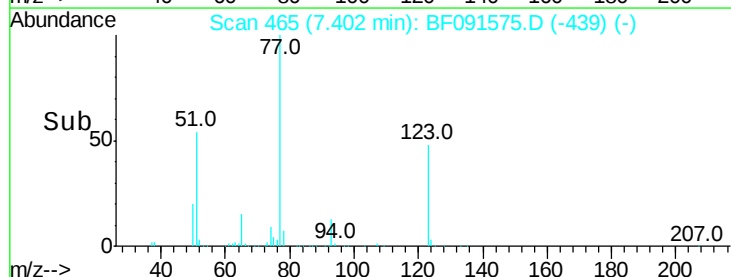
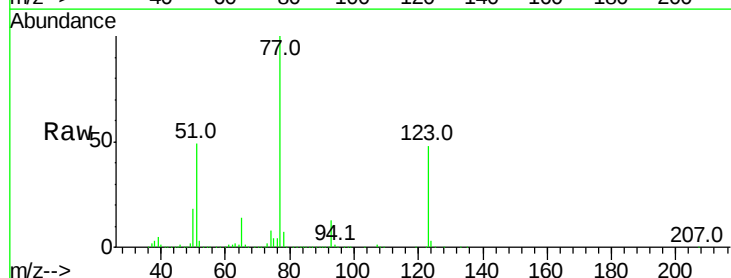
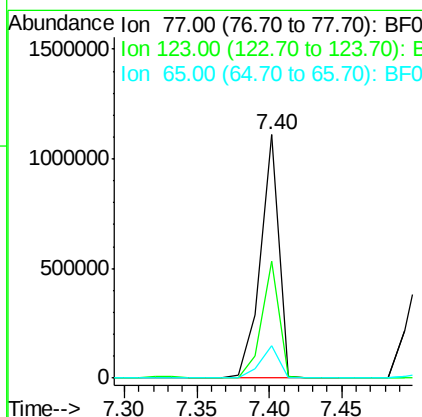
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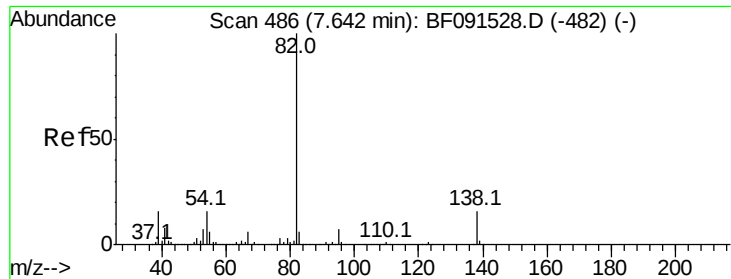
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#24
Nitrobenzene
Concen: 43.13 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF091575.D
Acq: 14 Dec 2016 2:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.9	28.5	42.7#
65	13.5	12.5	18.7





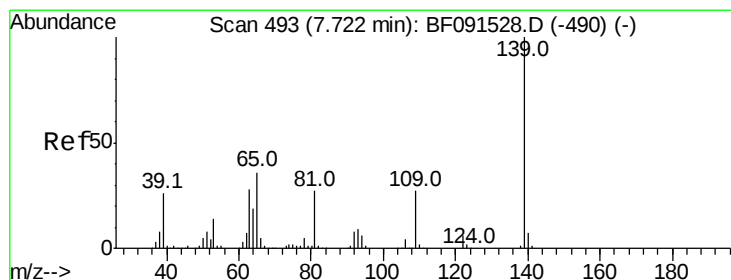
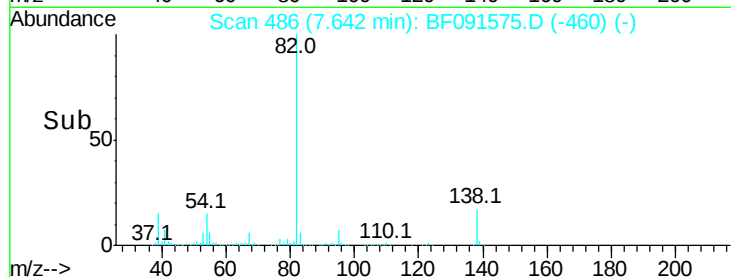
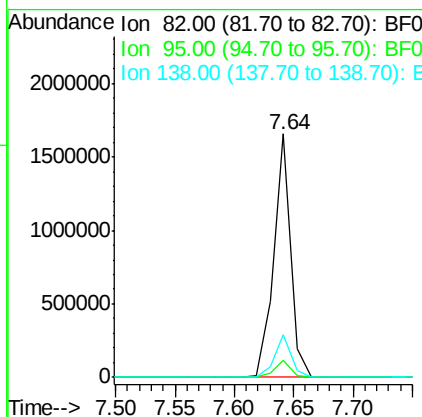
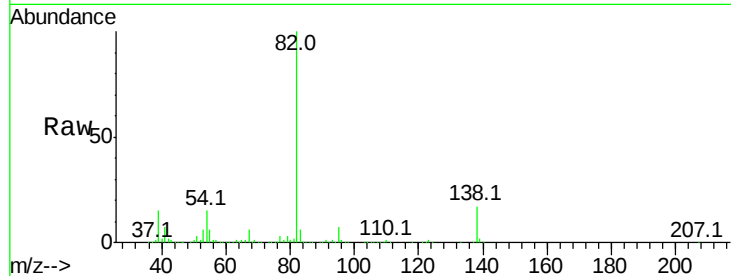
#25
Isophorone
Concen: 42.86 ng
RT: 7.64 min Scan# 486
Delta R.T. -0.00 min
Lab File: BF091575.D
Acq: 14 Dec 2016 2:53

Instrument :
BNA_F
ClientSampleId :
WC120716MSD

Tot Ion: 82 Resp: 1636274
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 17.3 13.4 20.0

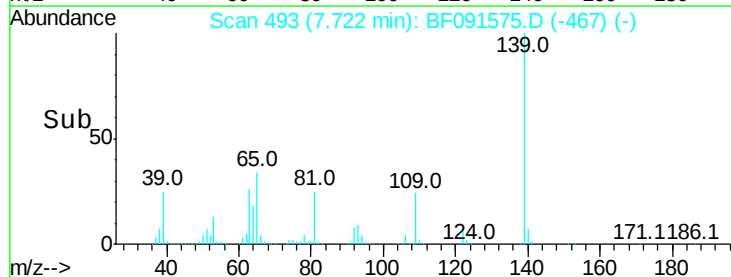
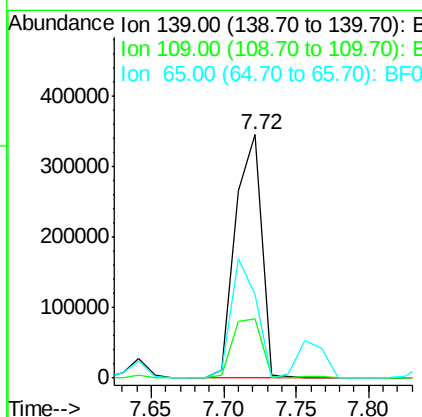
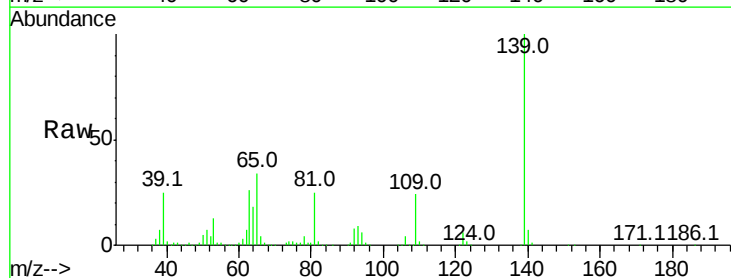
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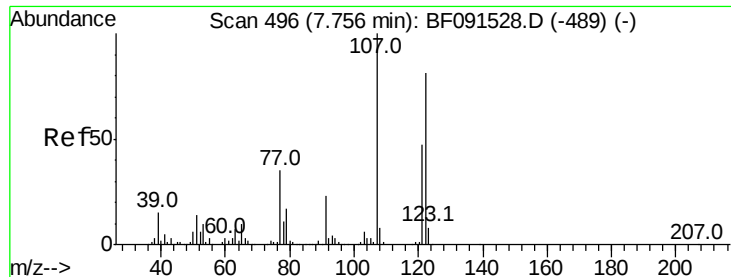
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#26
2-Nitrophenol
Concen: 43.23 ng
RT: 7.72 min Scan# 493
Delta R.T. -0.00 min
Lab File: BF091575.D
Acq: 14 Dec 2016 2:53

Tgt Ion: 139 Resp: 432944
Ion Ratio Lower Upper
139 100
109 24.2 25.3 37.9#
65 34.3 55.4 83.2#





#27

2,4-Dimethylphenol

Concen: 42.83 ng

RT: 7.77 min Scan# 497

Delta R.T. 0.01 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Instrument :

BNA_F

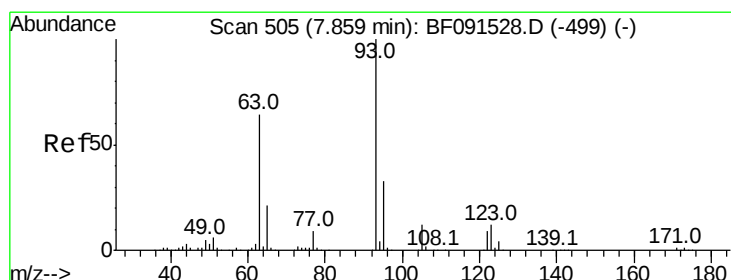
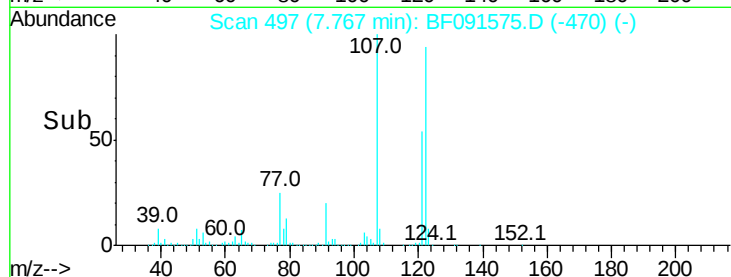
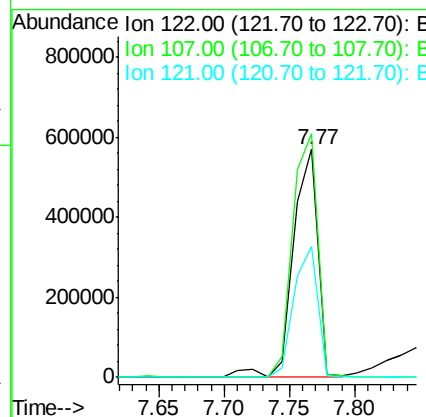
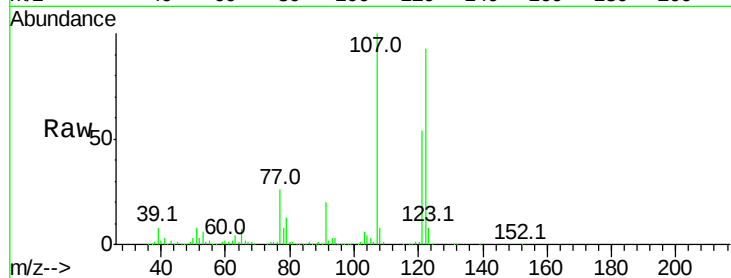
ClientSampleId :

WC120716MSD

Tot Ion:	122	Resp:	753433
Ion Ratio	Lower	Upper	
122	100		
107	107.0	96.8	145.2
121	57.5	47.7	71.5

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#28

bis(2-Chloroethoxy)methane

Concen: 46.79 ng

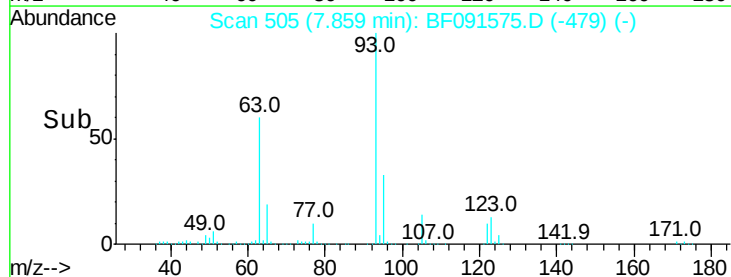
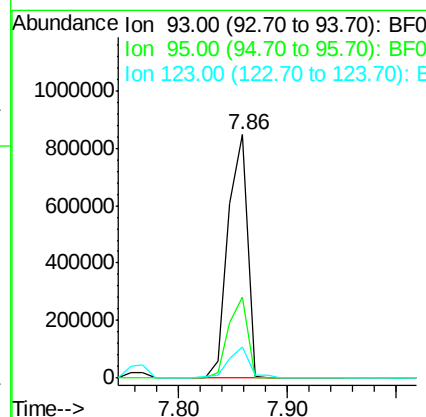
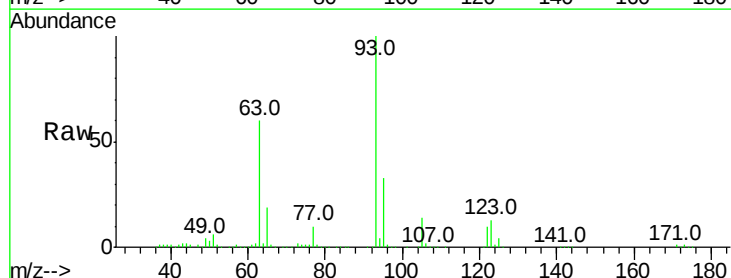
RT: 7.86 min Scan# 505

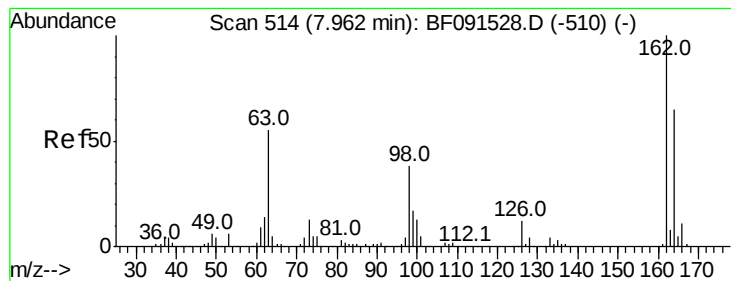
Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Tgt Ion:	93	Resp:	1047770
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.0	39.0
123	12.8	8.6	12.8





#29

2,4-Dichlorophenol

Concen: 41.88 ng

RT: 7.96 min Scan# 514

Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Instrument :

BNA_F

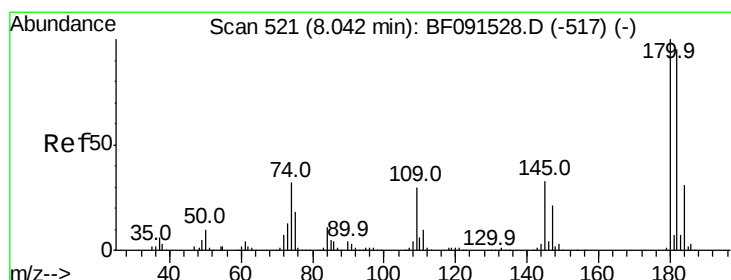
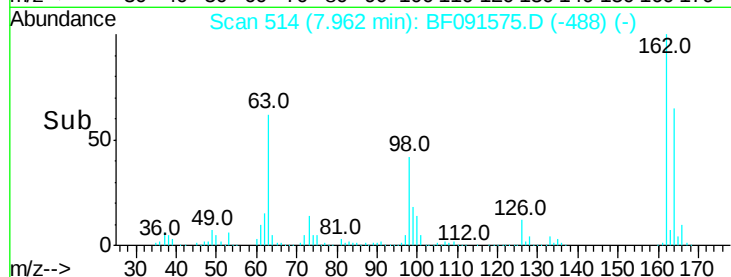
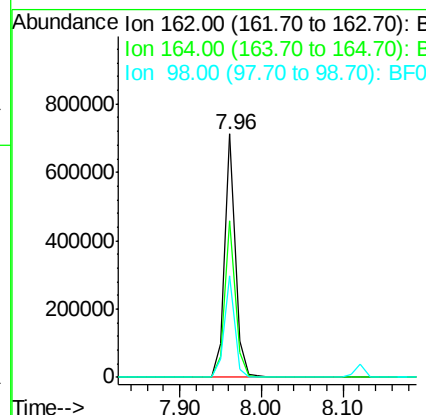
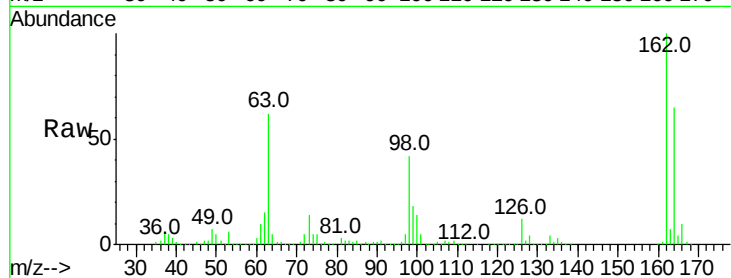
ClientSampleId :

WC120716MSD

Tot Ion:	162	Resp:	640947
Ion Ratio	Lower	Upper	
162	100		
164	64.6	45.0	85.0
98	41.9	21.3	61.3

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#30

1,2,4-Trichlorobenzene

Concen: 38.75 ng

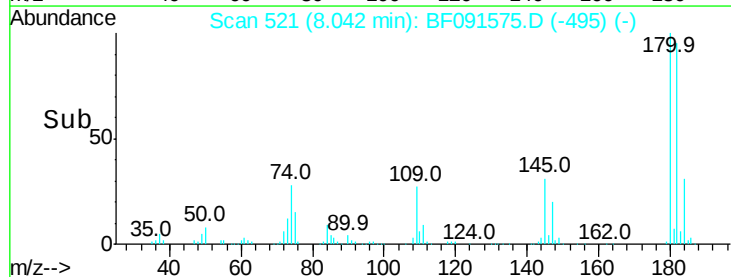
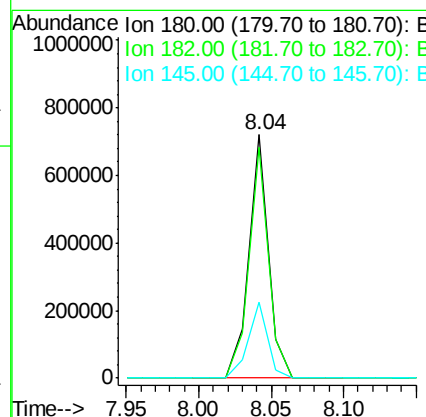
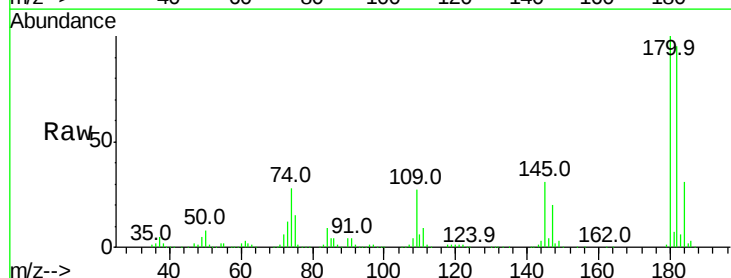
RT: 8.04 min Scan# 521

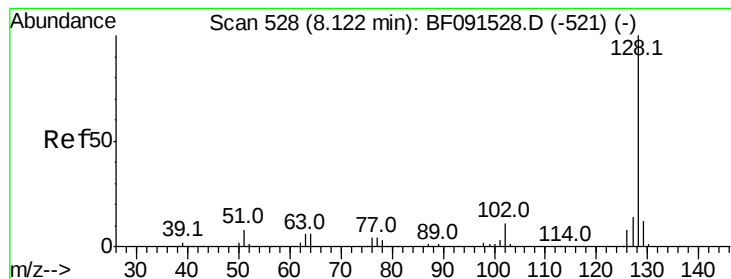
Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Tgt Ion:	180	Resp:	673919
Ion Ratio	Lower	Upper	
180	100		
182	94.5	75.8	113.8
145	31.4	27.0	40.4





#31

Naphthalene

Concen: 39.04 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Instrument :

BNA_F

ClientSampleId :

WC120716MSD

Tot Ion:128 Resp: 2177373

Ion Ratio Lower Upper

128 100

129 12.1 9.1 13.7

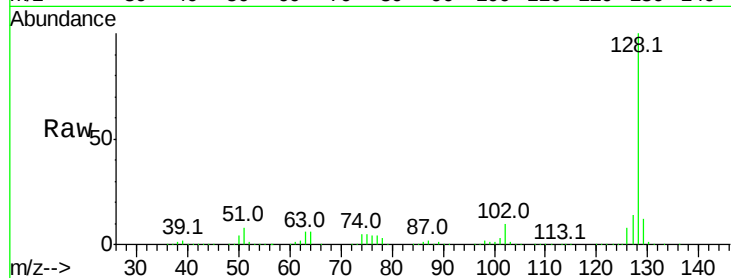
127 13.7 11.0 16.4

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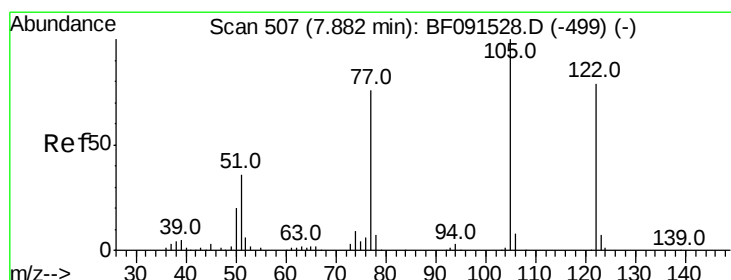
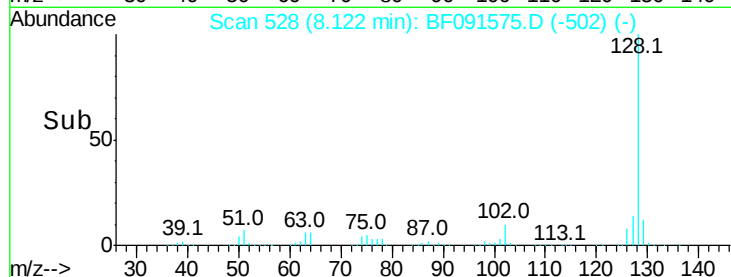
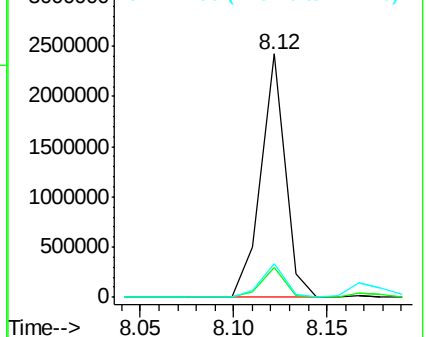
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.27 ng

RT: 7.88 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

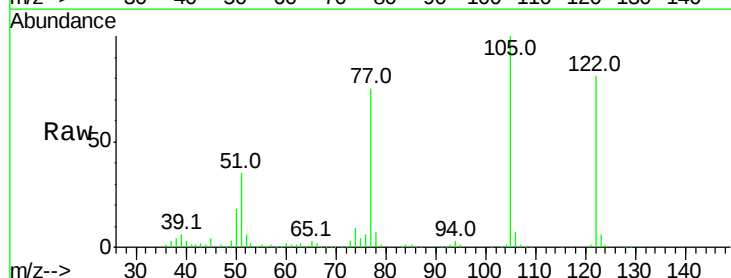
Tgt Ion:122 Resp: 426987

Ion Ratio Lower Upper

122 100

105 124.2 113.0 153.0

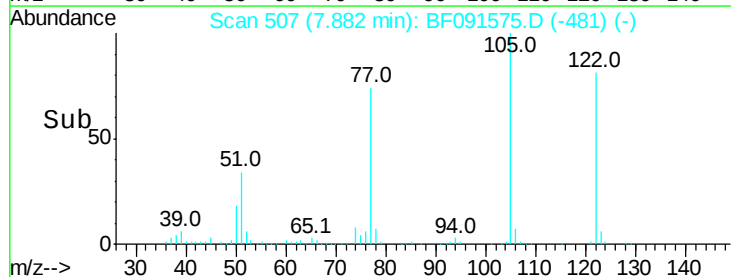
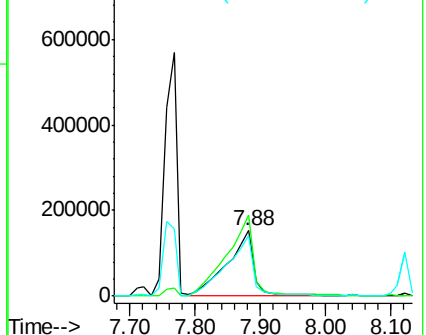
77 93.4 82.0 122.0

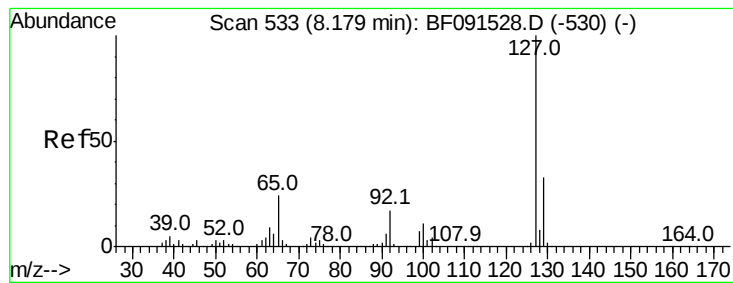


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 9.12 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.01 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Instrument :

BNA_F

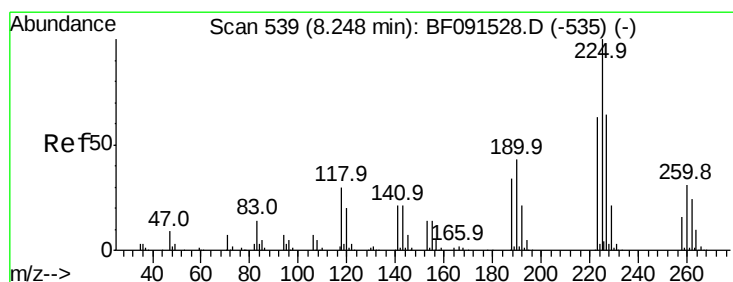
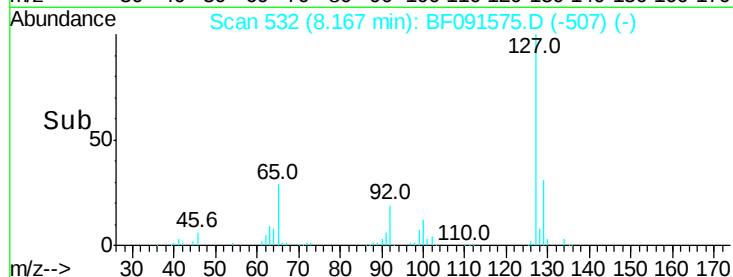
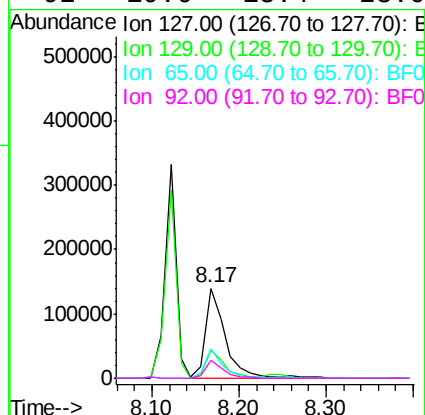
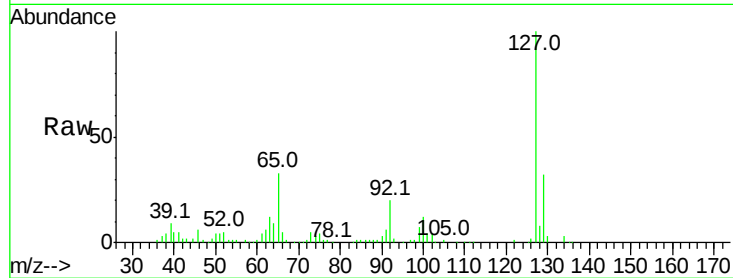
ClientSampleId :

WC120716MSD

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	31.6	26.2	39.4
65	33.4	26.6	39.8
92	19.6	15.4	23.0

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#34

Hexachlorobutadiene

Concen: 39.53 ng

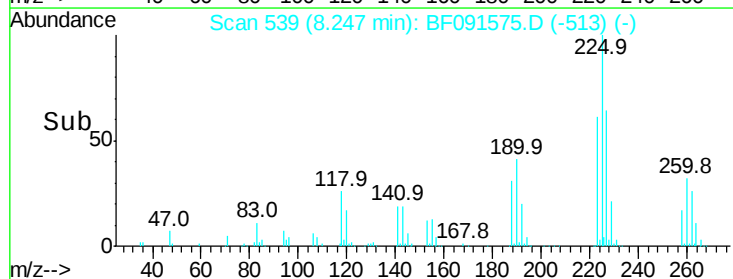
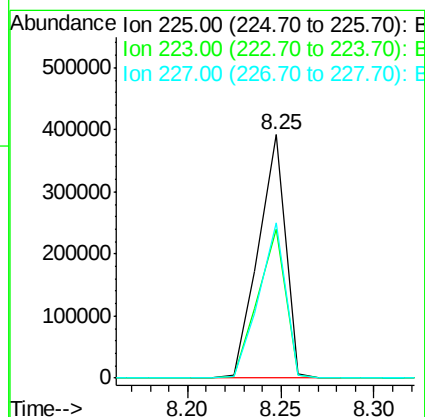
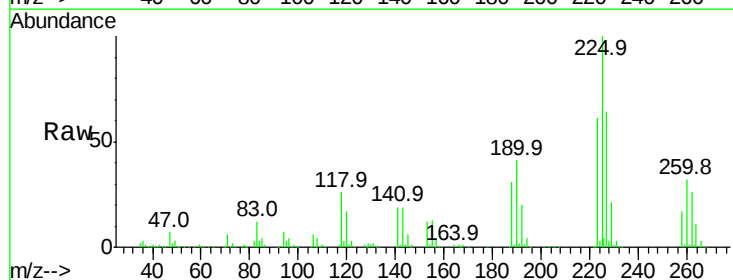
RT: 8.25 min Scan# 539

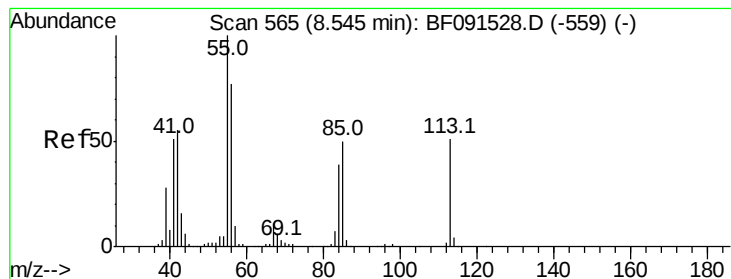
Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	61.1	49.8	74.6
227	63.9	52.6	79.0





#35

Caprolactam

Concen: 40.83 ng/ml

RT: 8.53 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Instrument :

BNA_F

ClientSampleId :

WC120716MSD

Tot Ion:113 Resp: 182489

Ion Ratio Lower Upper

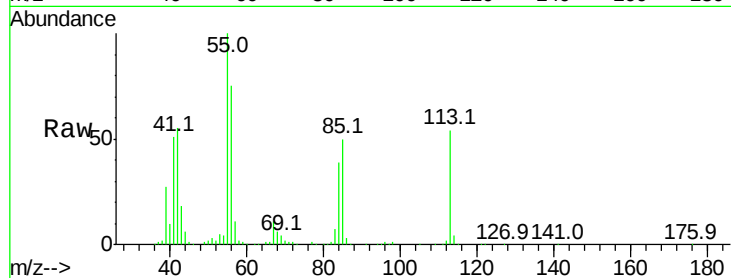
113 100

55 185.0 239.8 279.8#

56 138.9 165.6 205.6#

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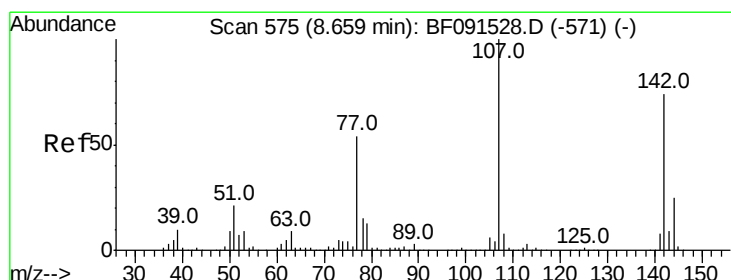
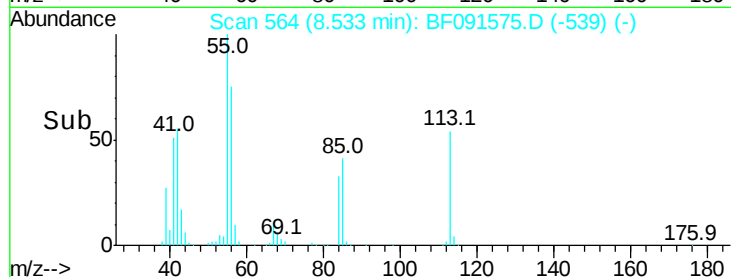
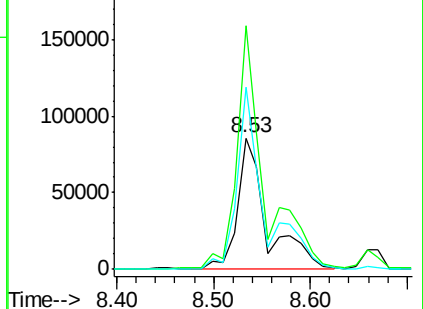
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.78 ng/ml

RT: 8.67 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

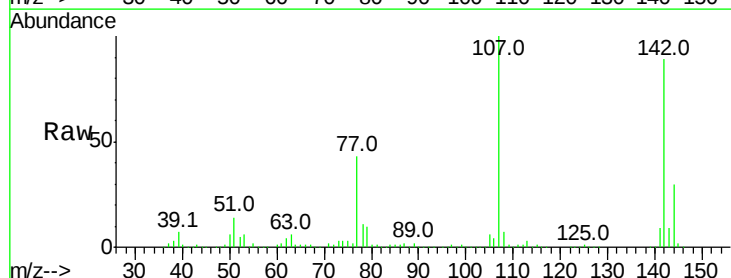
Tgt Ion:107 Resp: 699900

Ion Ratio Lower Upper

107 100

144 29.8 18.9 28.3#

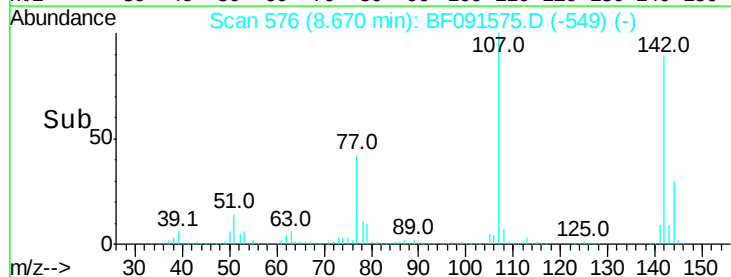
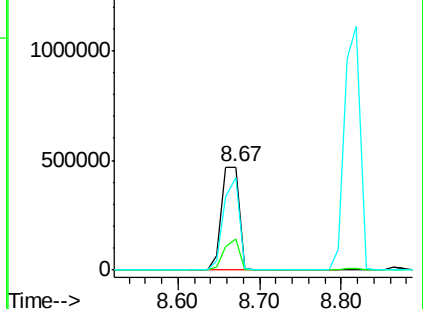
142 89.5 58.5 87.7#

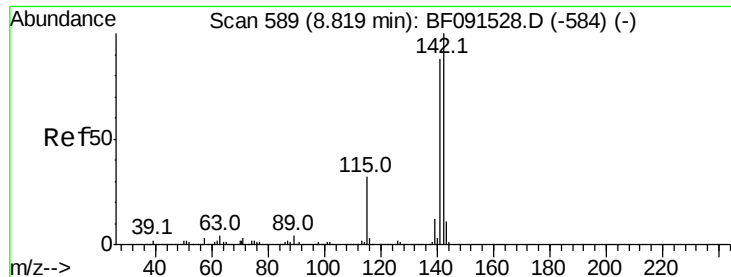


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





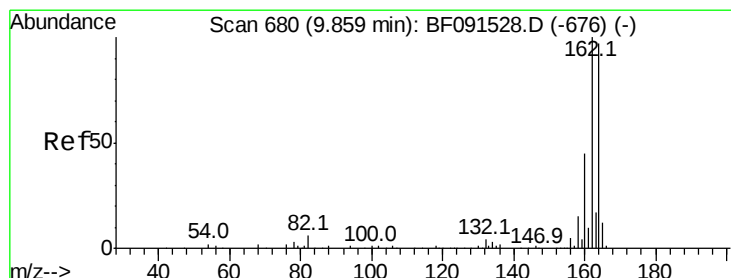
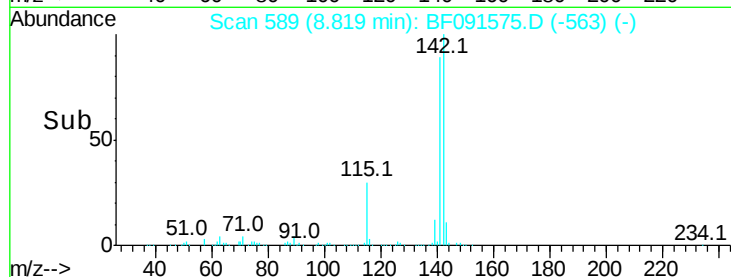
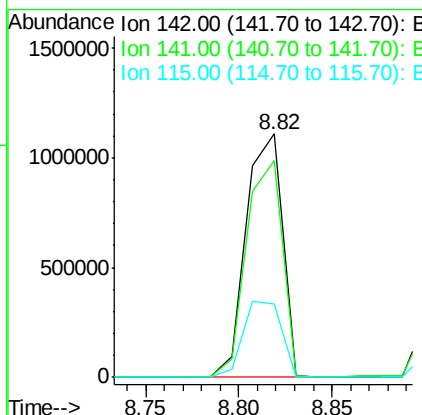
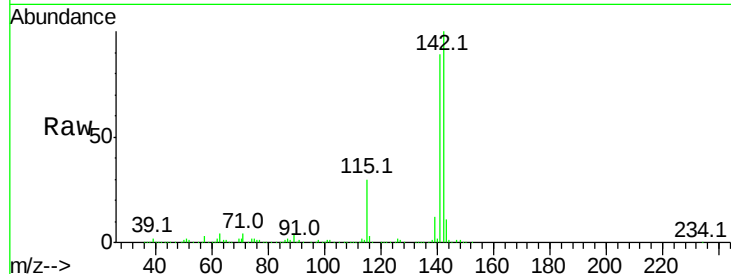
#37
 2-Methylnaphthalene
 Concen: 41.48 ng
 RT: 8.82 min Scan# 589
 Delta R.T. -0.00 min
 Lab File: BF091575.D
 Acq: 14 Dec 2016 2:53

Instrument :
 BNA_F
 ClientSampleId :
 WC120716MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.7	107.5
115	30.0	25.0	37.6

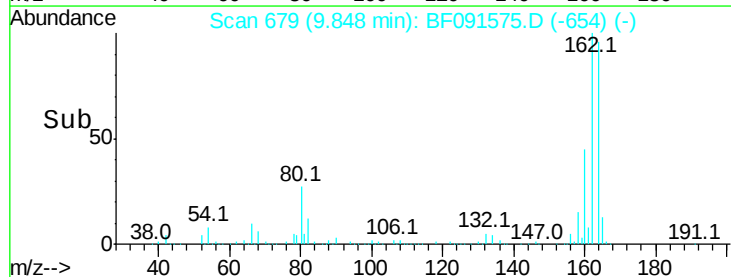
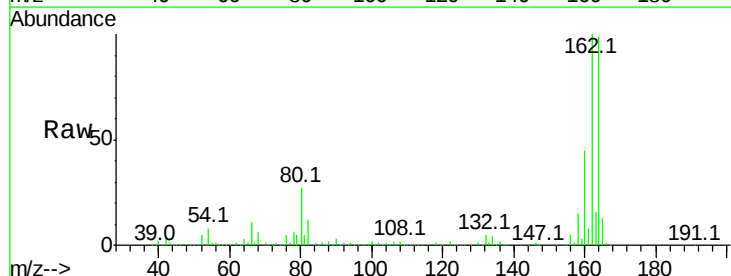
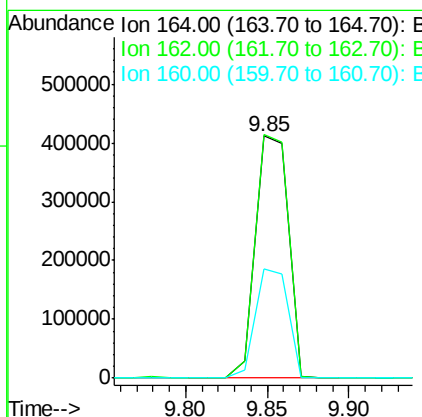
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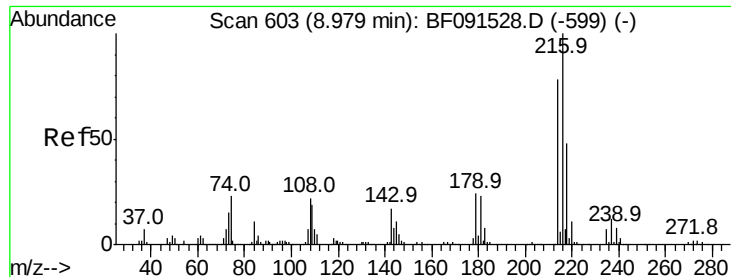
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.01 min
 Lab File: BF091575.D
 Acq: 14 Dec 2016 2:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	82.6	124.0
160	45.1	36.7	55.1





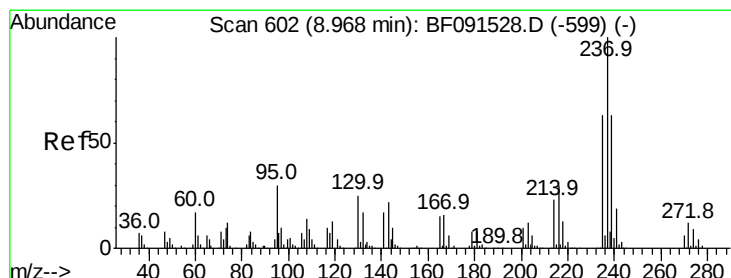
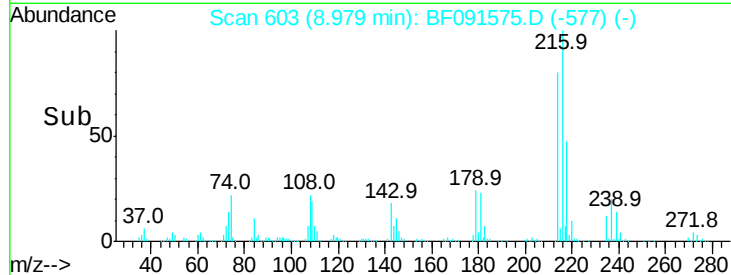
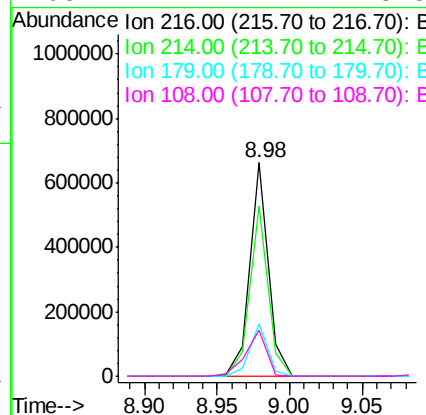
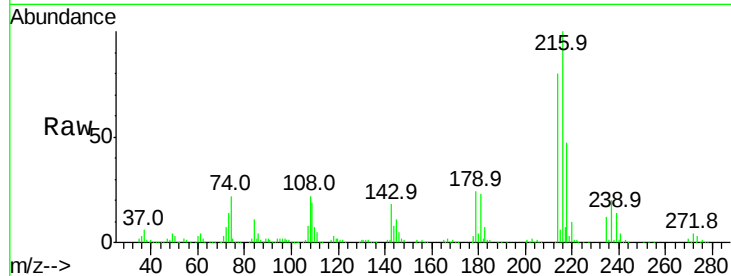
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.23 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF091575.D
 Acq: 14 Dec 2016 2:53

Instrument :
 BNA_F
 ClientSampleId :
 WC120716MSD

Manual Integrations
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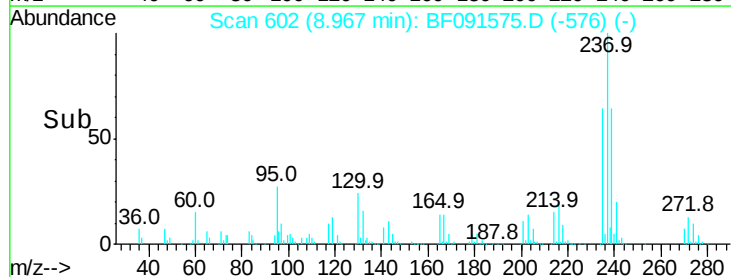
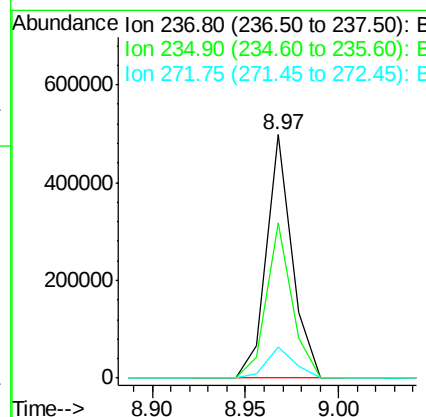
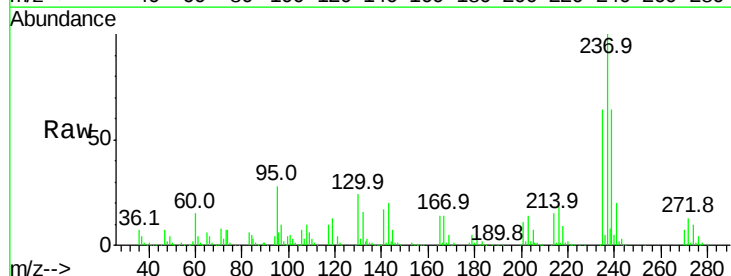
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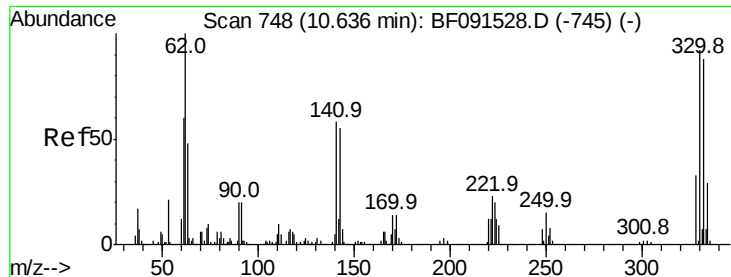
Tot Ion	Ratio	Resp	Lower	Upper
216	100	589004		
214	78.9	63.8	95.8	
179	23.4	18.2	27.2	
108	24.1	17.2	25.8	



#40
 Hexachlorocyclopentadiene
 Concen: 67.92 ng
 RT: 8.97 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF091575.D
 Acq: 14 Dec 2016 2:53

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	479162		
235	63.8	43.9	83.9	
272	12.6	0.0	33.1	





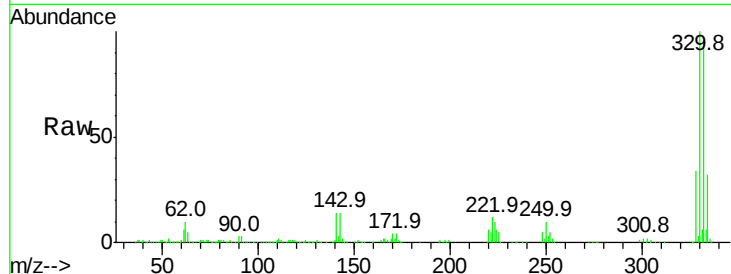
#41
 2,4,6-Tribromophenol
 Concen: 127.63 ng
 RT: 10.65 min Scan# 749
 Delta R.T. 0.01 min
 Lab File: BF091575.D
 Acq: 14 Dec 2016 2:53

Instrument :
 BNA_F
 ClientSampleId :
 WC120716MSD

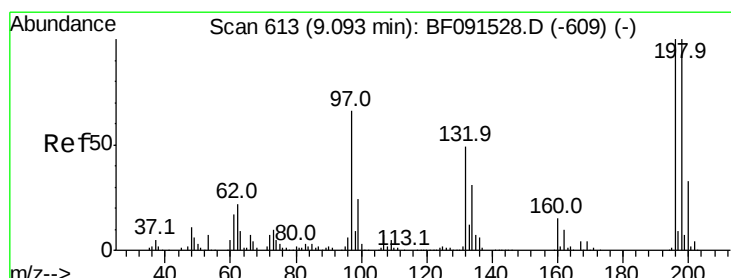
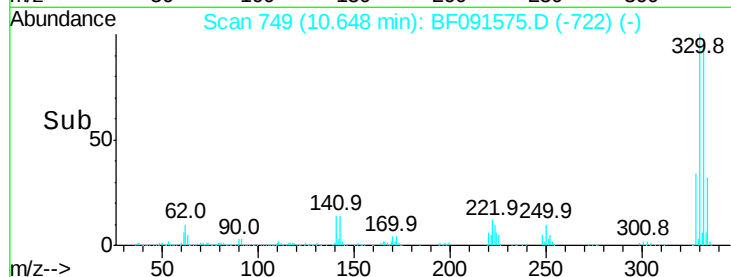
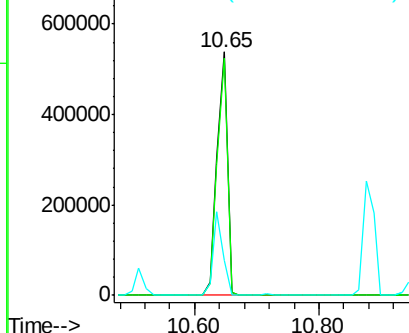
Tot Ion	Ratio	Resp	Lower	Upper
330	100	611530		
332	96.3	76.2	114.4	
141	33.1	33.6	50.4	

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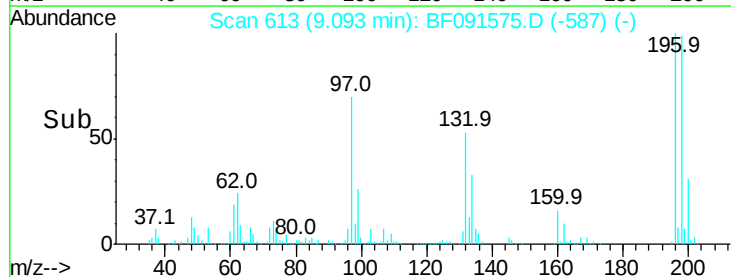
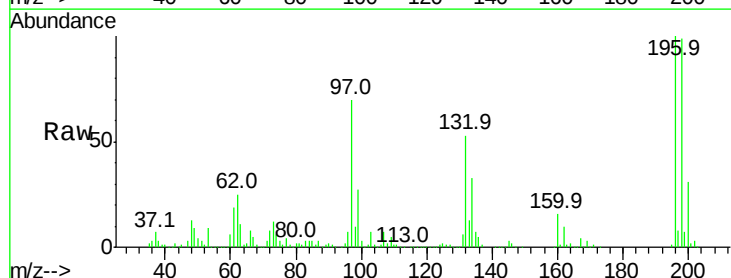
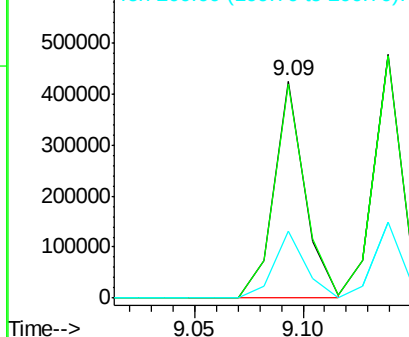
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

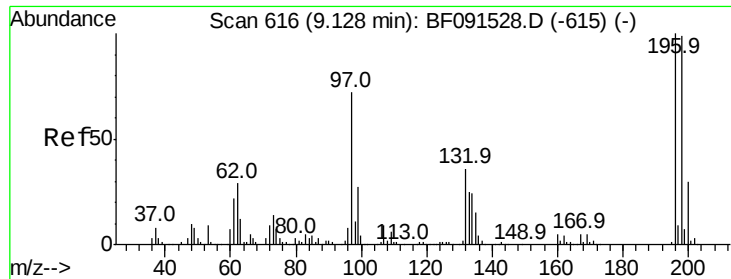


#42
 2,4,6-Trichlorophenol
 Concen: 41.76 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF091575.D
 Acq: 14 Dec 2016 2:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	424579		
198	98.7	77.4	116.0	
200	30.9	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





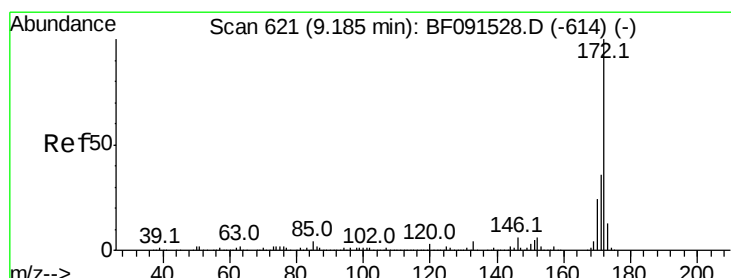
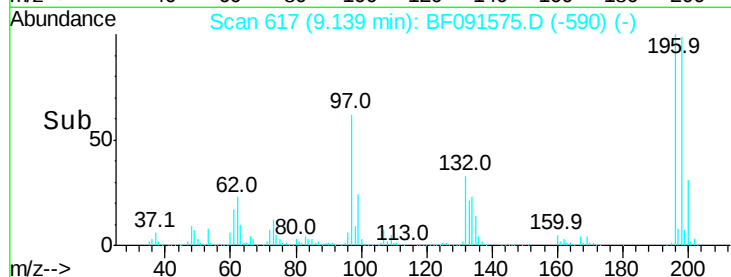
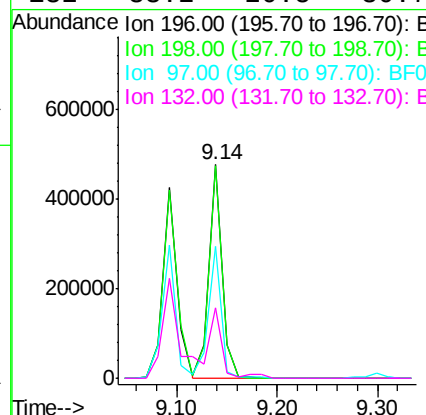
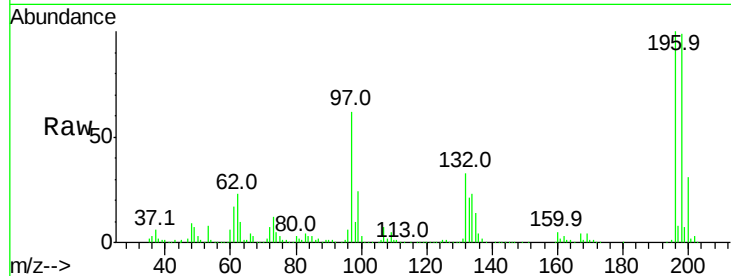
#43
 2,4,5-Trichlorophenol
 Concen: 41.58 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF091575.D
 Acq: 14 Dec 2016 2:53

Instrument :
 BNA_F
 ClientSampleId :
 WC120716MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	434387		
198	99.3	77.0	115.6	
97	61.8	33.5	50.3#	
132	33.2	20.5	30.7#	

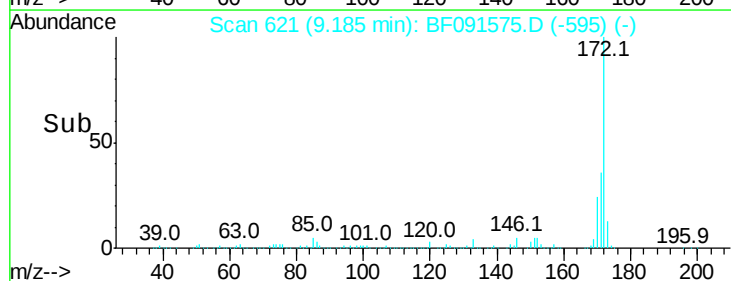
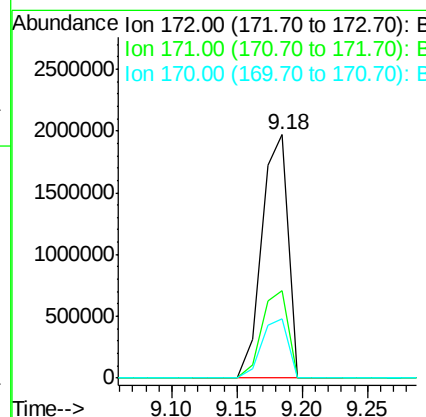
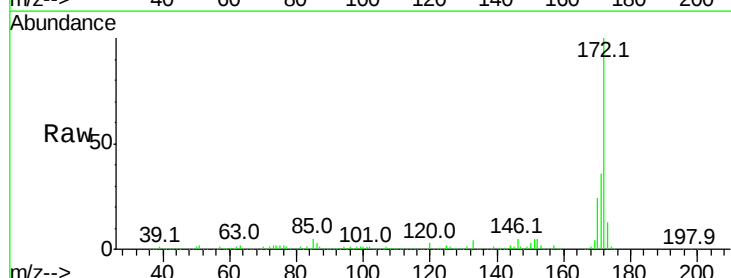
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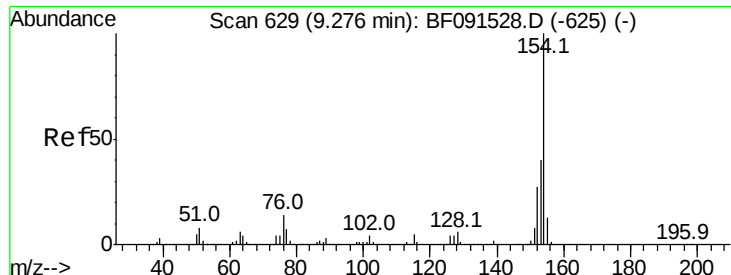
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#44
 2-Fluorobiphenyl
 Concen: 82.49 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF091575.D
 Acq: 14 Dec 2016 2:53

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2754217		
171	35.7	29.4	44.0	
170	24.4	19.7	29.5	





#45

1,1'-Biphenyl

Concen: 40.05 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Instrument :

BNA_F

ClientSampleId :

WC120716MSD

Tot Ion:154 Resp: 1673398

Ion Ratio Lower Upper

154 100

153 40.9 20.6 60.6

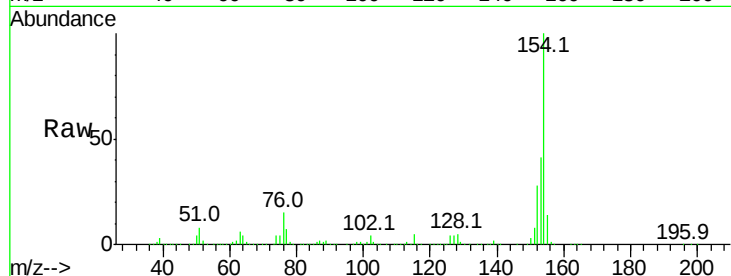
76 14.6 0.0 36.6

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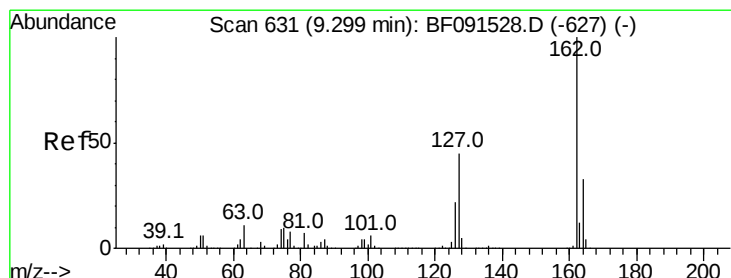
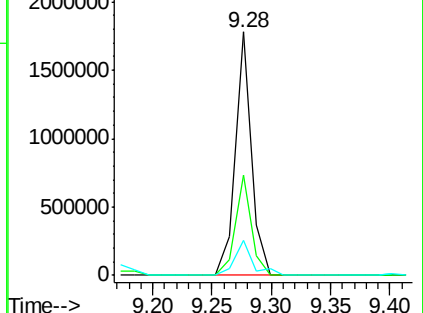
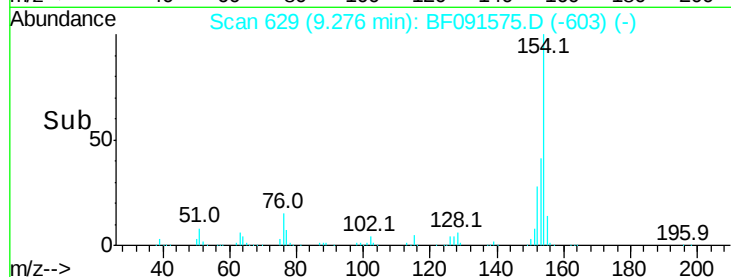
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BFO



#46

2-Chloronaphthalene

Concen: 38.94 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

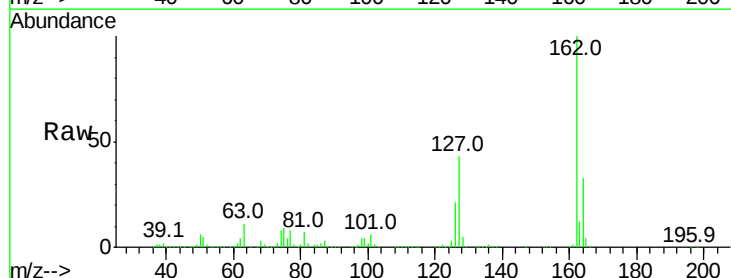
Tgt Ion:162 Resp: 1259841

Ion Ratio Lower Upper

162 100

127 43.5 34.3 51.5

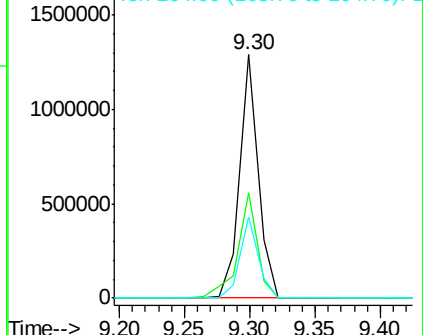
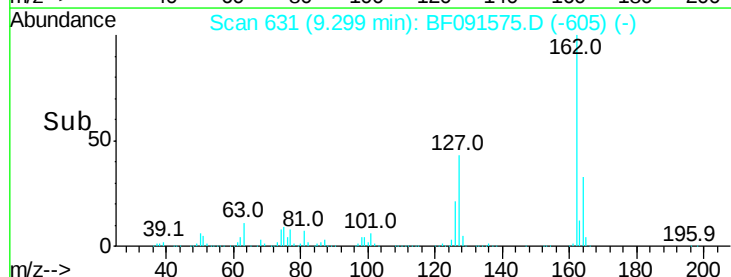
164 33.4 26.6 40.0

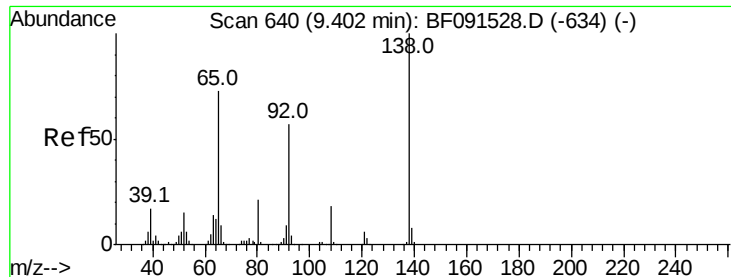


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 41.99 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Instrument :

BNA_F

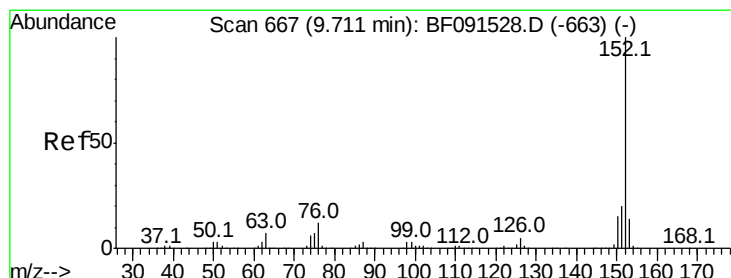
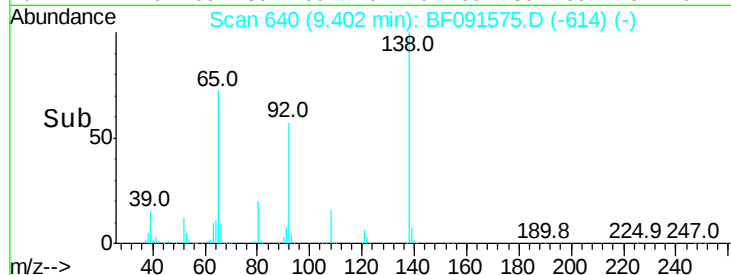
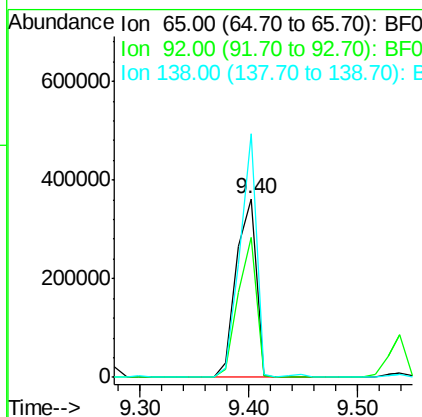
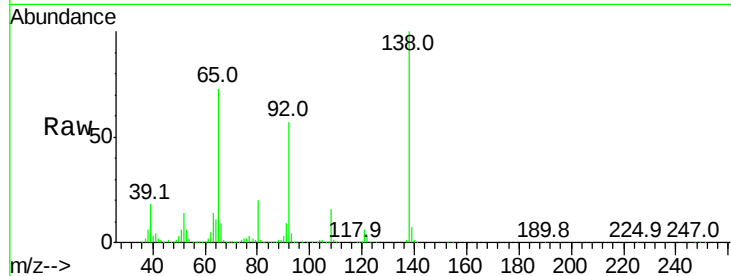
ClientSampleId :

WC120716MSD

Tot Ion:	65	Resp:	456884
Ion Ratio	Lower	Upper	
65	100		
92	78.1	53.6	80.4
138	136.2	91.0	136.6

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#48

Acenaphthylene

Concen: 40.53 ng

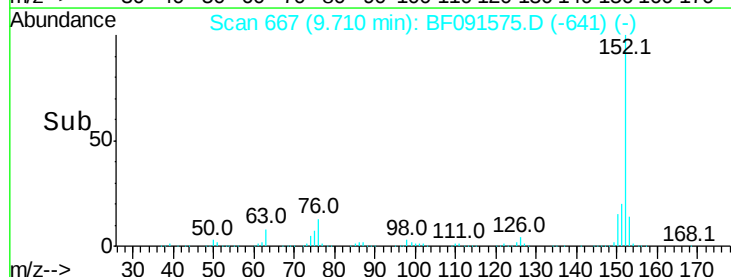
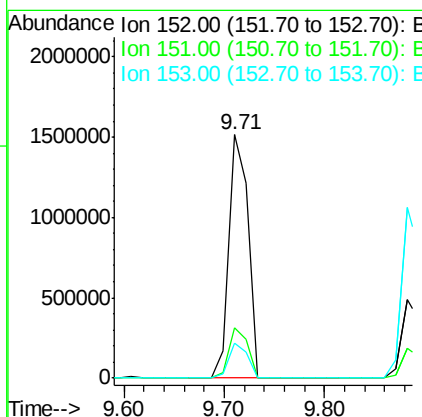
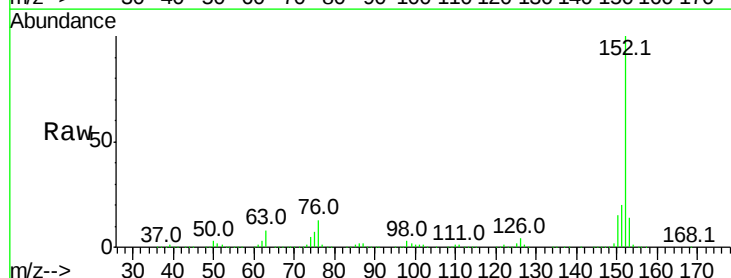
RT: 9.71 min Scan# 667

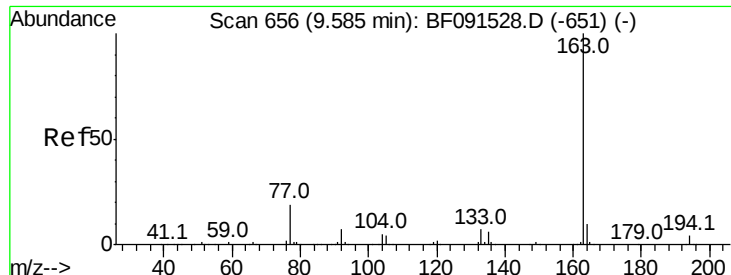
Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Tgt Ion:	152	Resp:	1999002
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.6	24.8
153	14.4	10.7	16.1





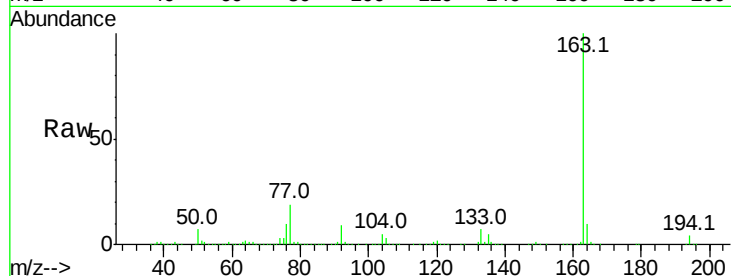
#49
Dimethylphthalate
Concen: 46.12 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF091575.D
Acq: 14 Dec 2016 2:53

Instrument :
BNA_F
ClientSampleId :
WC120716MSD

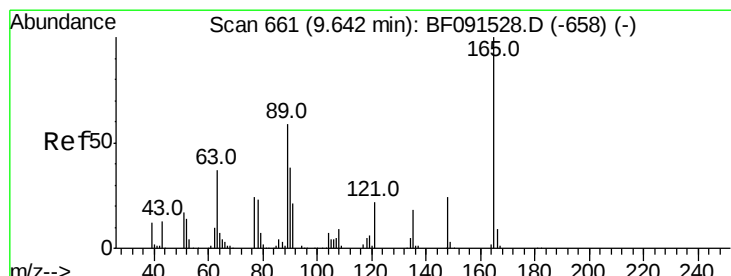
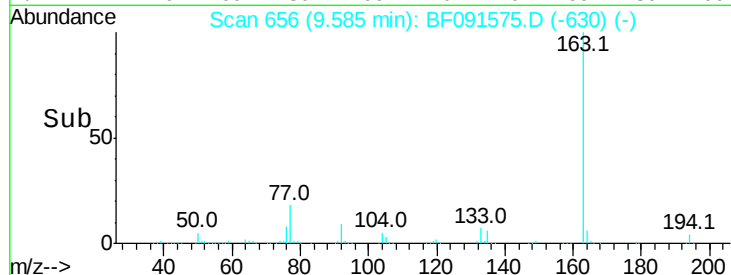
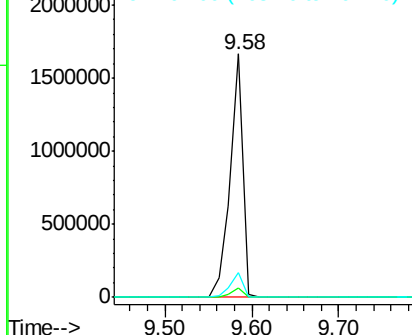
Tot Ion:163 Resp: 1684563
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.2 7.8 11.8

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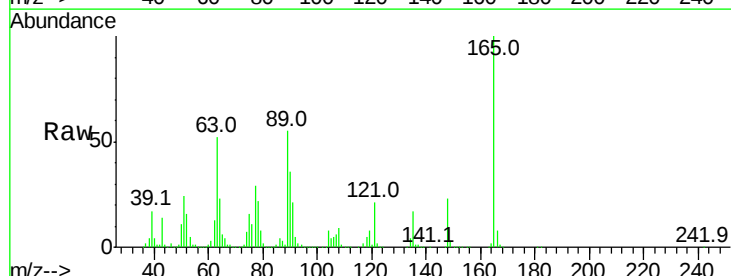


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

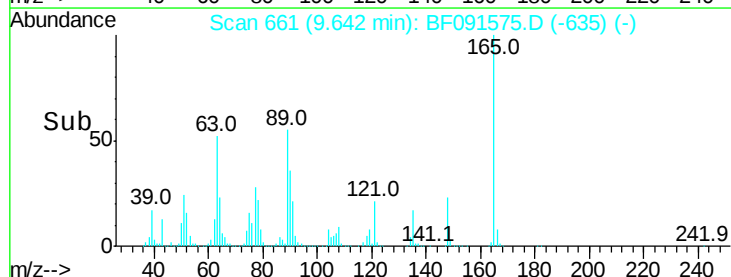
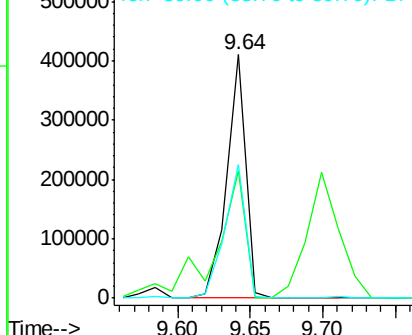


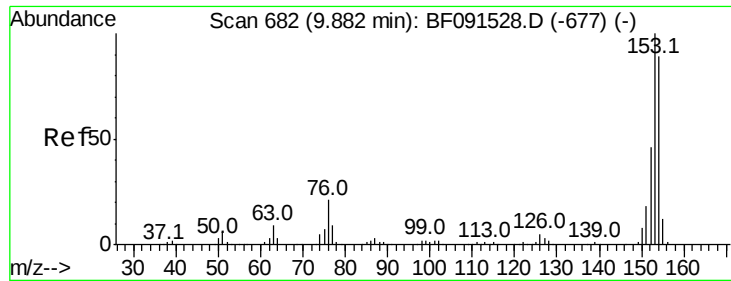
#50
2,6-Dinitrotoluene
Concen: 46.35 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF091575.D
Acq: 14 Dec 2016 2:53

Tgt Ion:165 Resp: 371585
Ion Ratio Lower Upper
165 100
63 52.0 59.4 89.0#
89 54.6 50.8 76.2



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





#51

Acenaphthene

Concen: 40.22 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Instrument :

BNA_F

ClientSampleId :

WC120716MSD

Tot Ion:154 Resp: 1377734

Ion Ratio Lower Upper

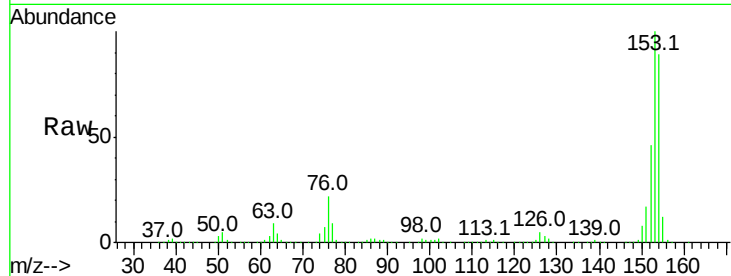
154 100

153 112.7 91.0 136.6

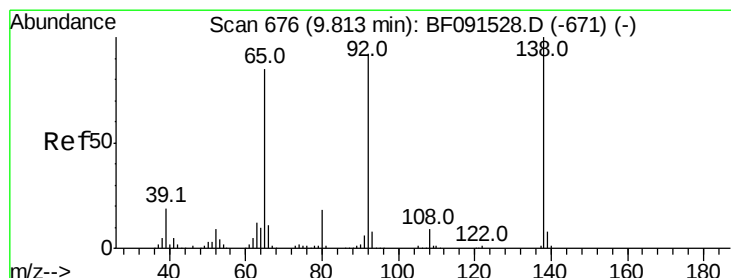
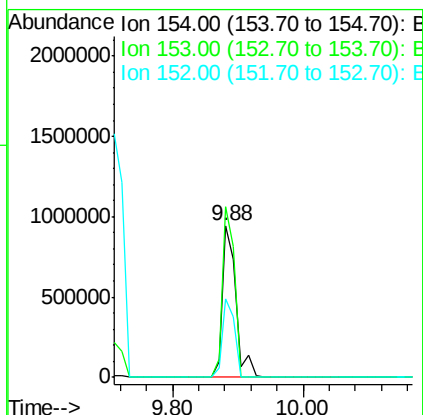
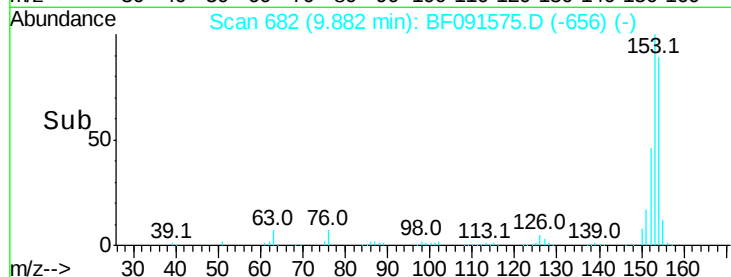
152 51.8 44.2 66.2

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.94 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

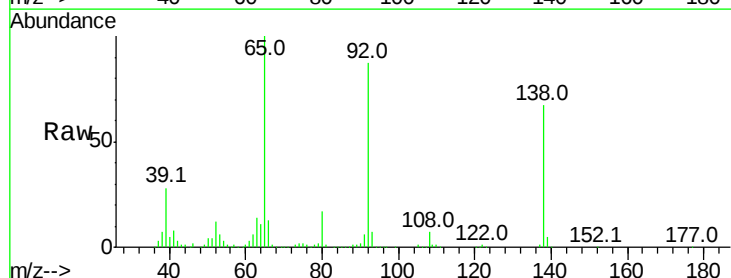
Tgt Ion:138 Resp: 178351

Ion Ratio Lower Upper

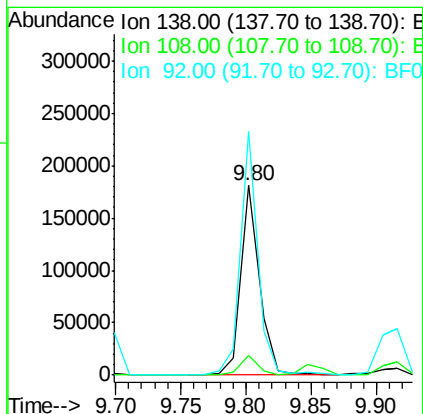
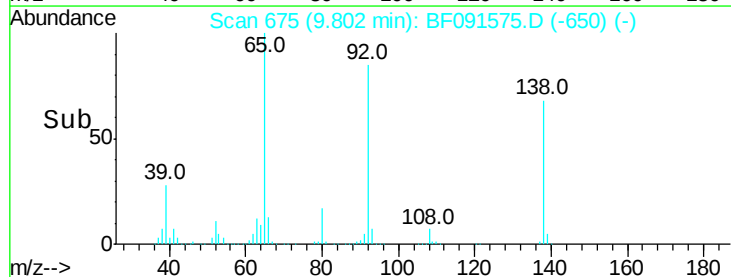
138 100

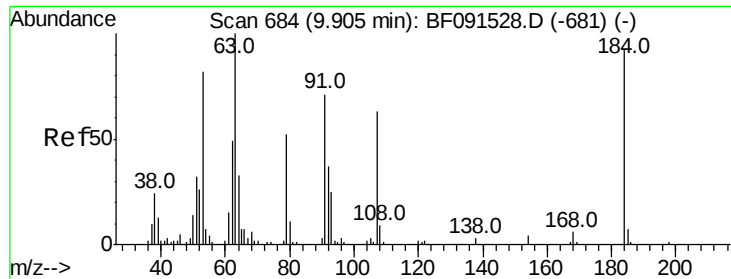
108 10.7 8.1 12.1

92 128.5 92.5 138.7



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 59.25 ng

RT: 9.92 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Instrument :

BNA_F

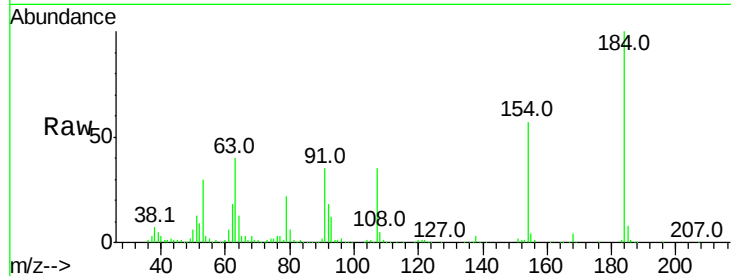
ClientSampleId :

WC120716MSD

Tot Ion:	184	Resp:	246362
Ion Ratio	Lower	Upper	
184	100		
63	40.3	58.3	87.5#
154	56.7	48.6	73.0

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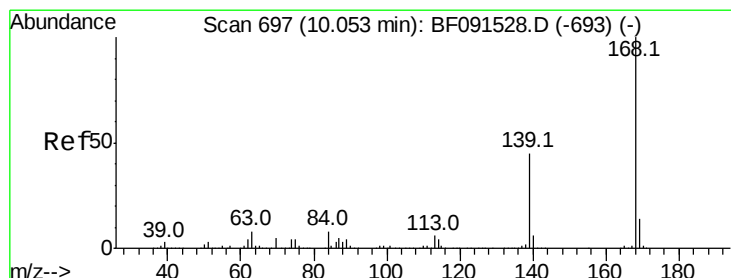
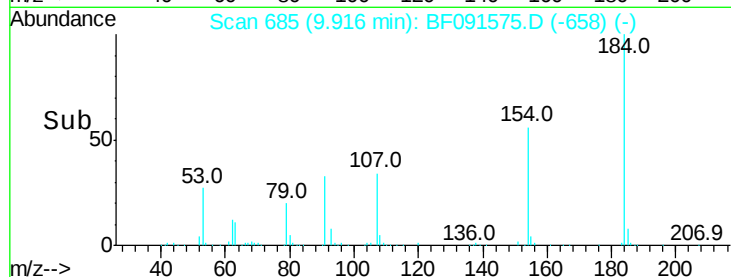
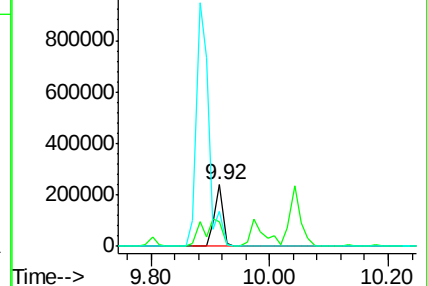
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 43.04 ng

RT: 10.05 min Scan# 697

Delta R.T. -0.00 min

Lab File: BF091575.D

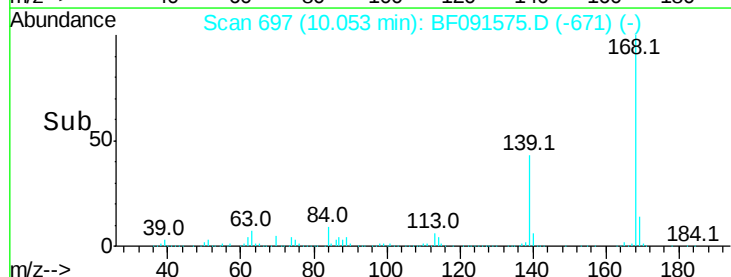
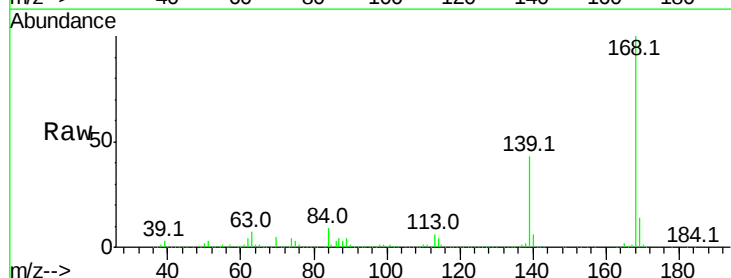
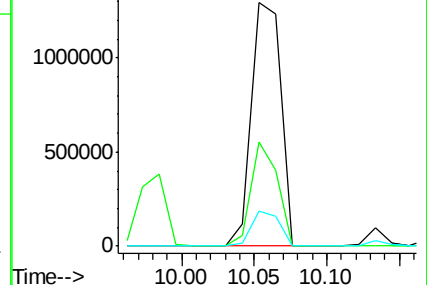
Acq: 14 Dec 2016 2:53

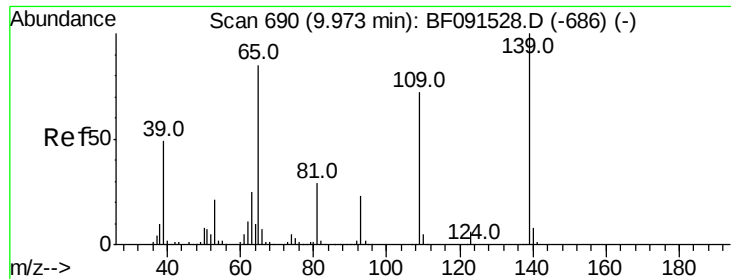
Tgt Ion:	168	Resp:	1824226
Ion Ratio	Lower	Upper	
168	100		
139	42.5	33.4	50.2
169	14.3	11.1	16.7

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: 73.13 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.01 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Instrument :

BNA_F

ClientSampleId :

WC120716MSD

Tot Ion:139 Resp: 512437

Ion Ratio Lower Upper

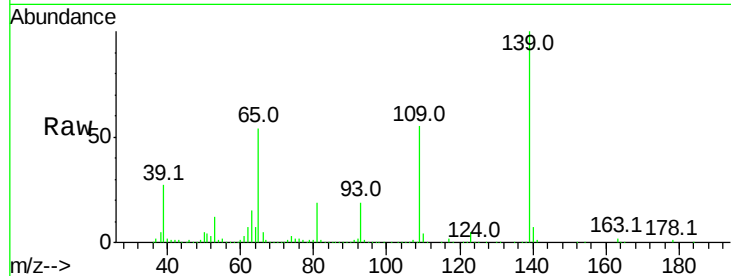
139 100

109 55.4 54.9 94.9

65 54.0 102.2 142.2#

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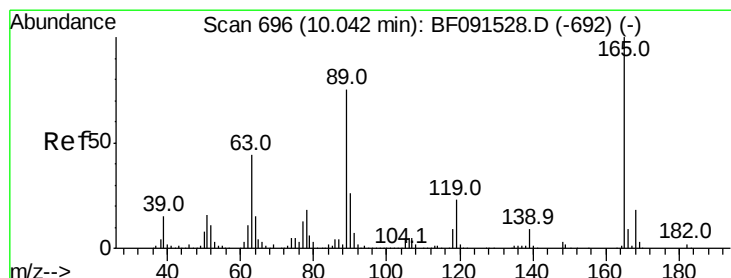
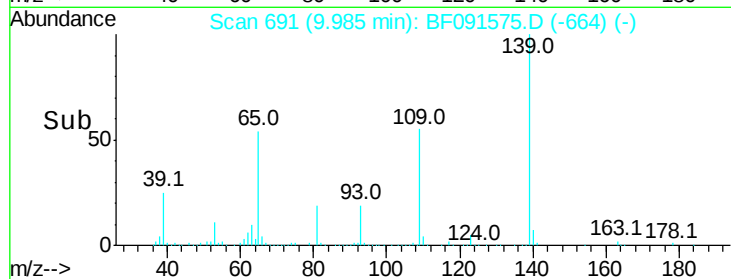
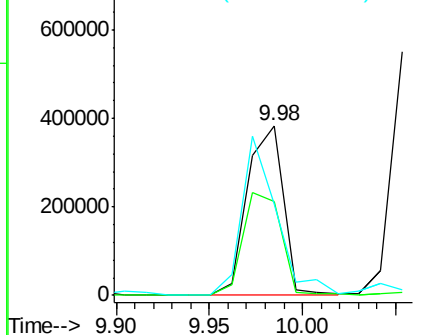
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 45.02 ng

RT: 10.04 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Tgt Ion:165 Resp: 452384

Ion Ratio Lower Upper

165 100

63 46.6 29.0 43.4#

89 79.0 43.1 64.7#

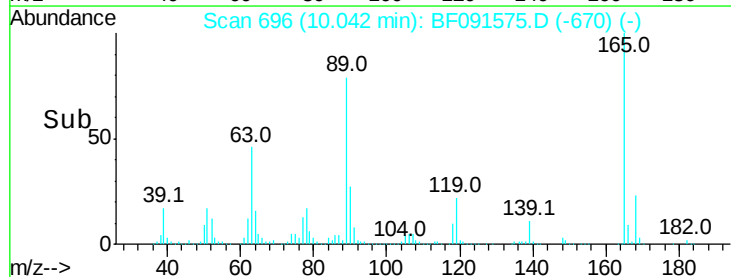
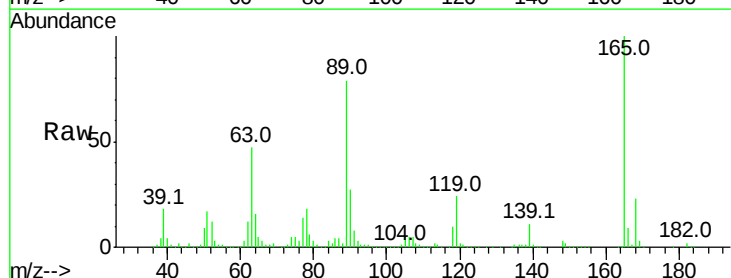
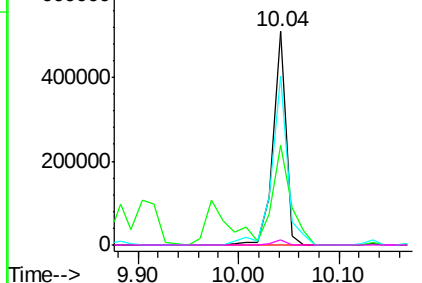
182 2.4 1.9 2.9

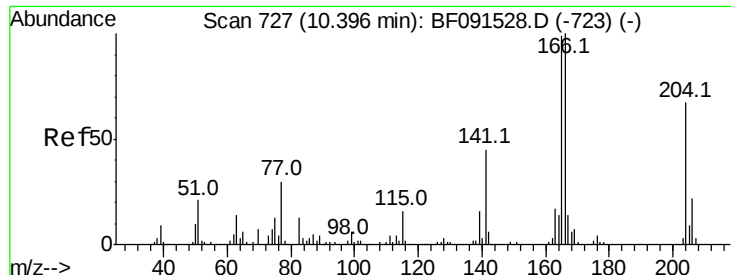
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





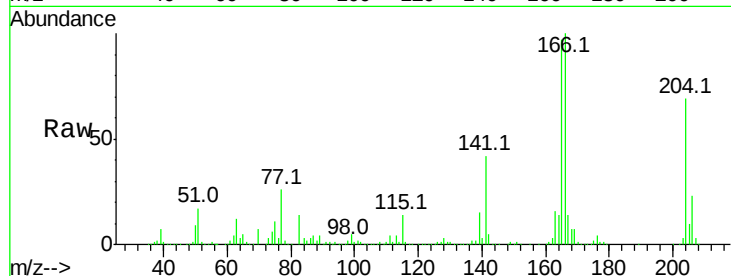
#57
Fluorene
 Concen: 40.58 ng
 RT: 10.40 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: BF091575.D
 Acq: 14 Dec 2016 2:53

Instrument :
 BNA_F
 ClientSampleId :
 WC120716MSD

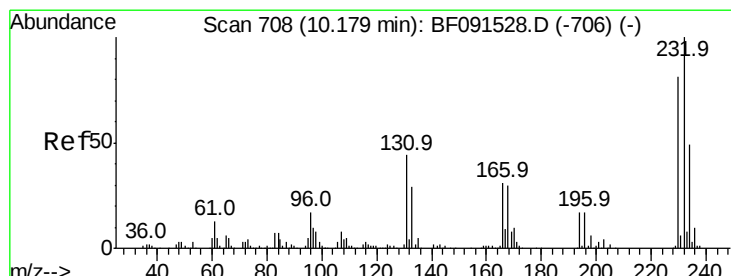
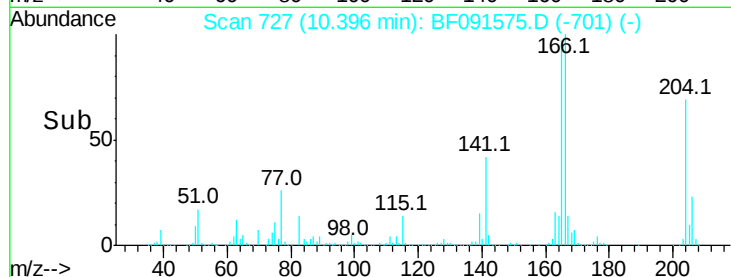
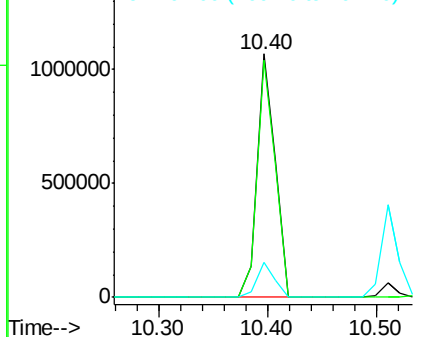
Tot Ion	Ratio	Lower	Upper
166	100		
165	97.3	80.0	120.0
167	14.2	10.8	16.2

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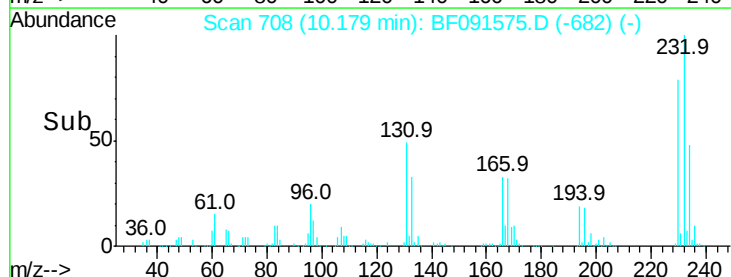
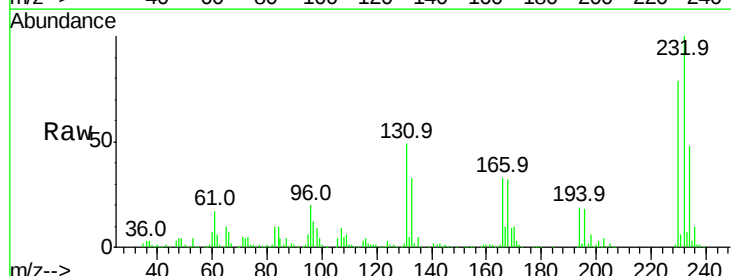
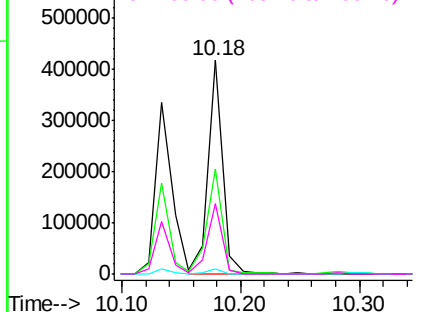
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

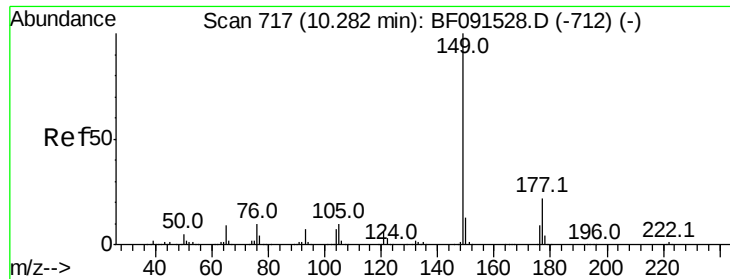


#58
2,3,4,6-Tetrachlorophenol
 Concen: 43.15 ng
 RT: 10.18 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BF091575.D
 Acq: 14 Dec 2016 2:53

Tgt Ion	Ratio	Lower	Upper
232	100		
131	52.4	38.4	57.6
130	2.7	1.8	2.8
166	33.6	23.9	35.9

Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E





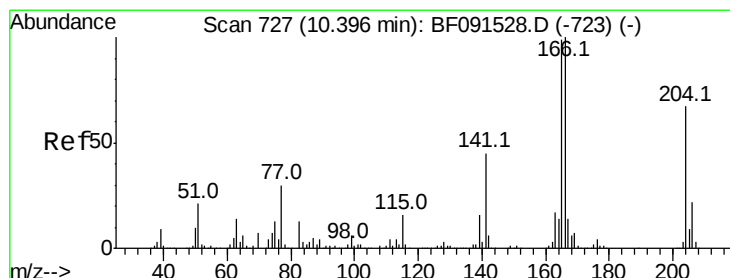
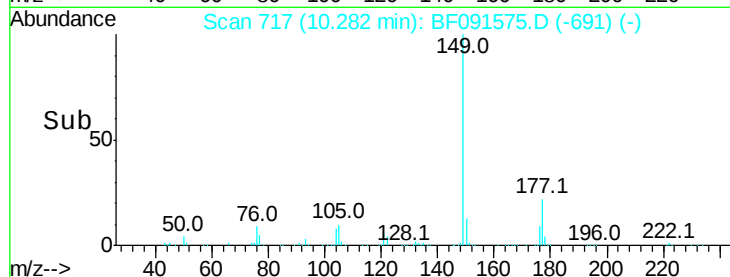
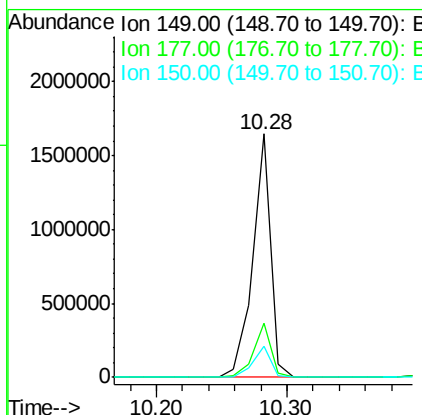
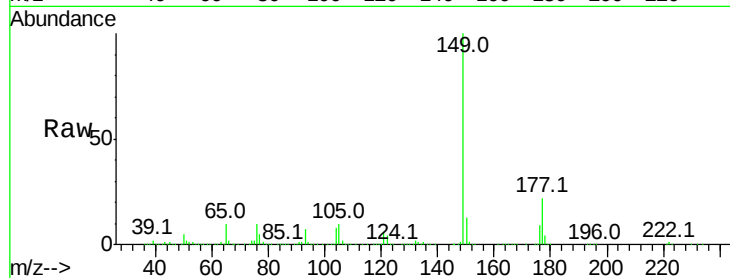
#59
Diethylphthalate
Concen: 44.42 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.00 min
Lab File: BF091575.D
Acq: 14 Dec 2016 2:53

Instrument :
BNA_F
ClientSampleId :
WC120716MSD

Tot Ion:149 Resp: 1562572
Ion Ratio Lower Upper
149 100
177 22.2 15.7 23.5
150 12.8 10.2 15.2

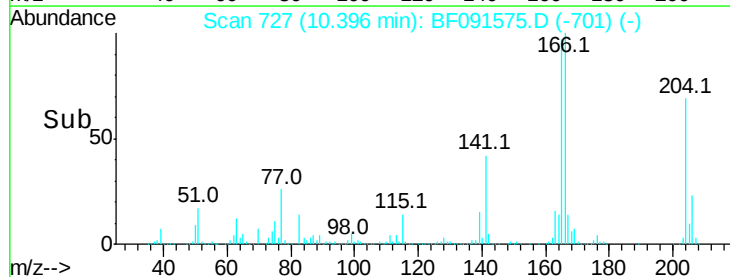
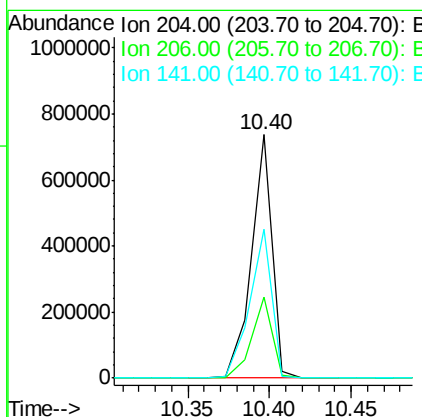
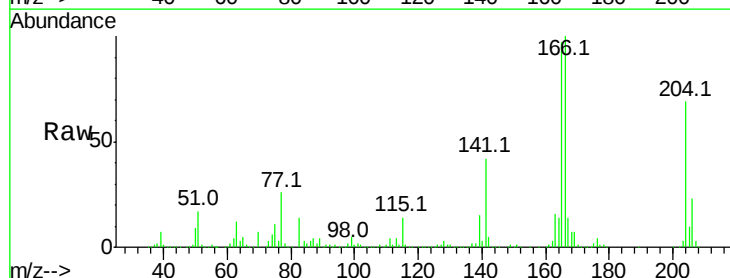
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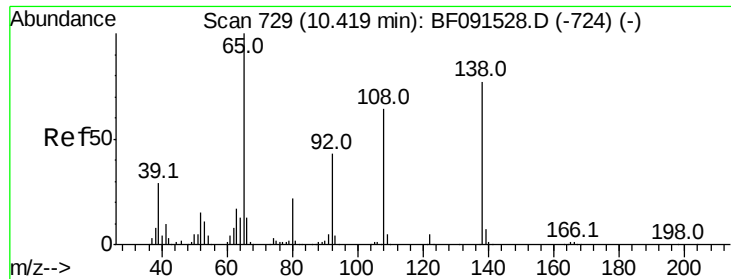
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#60
4-Chlorophenyl-phenylether
Concen: 42.13 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF091575.D
Acq: 14 Dec 2016 2:53

Tgt Ion:204 Resp: 642093
Ion Ratio Lower Upper
204 100
206 33.3 26.1 39.1
141 61.2 40.6 61.0#





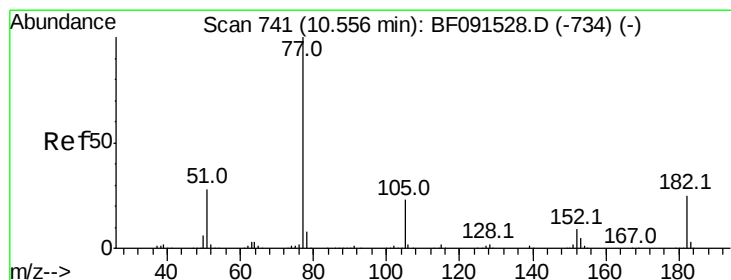
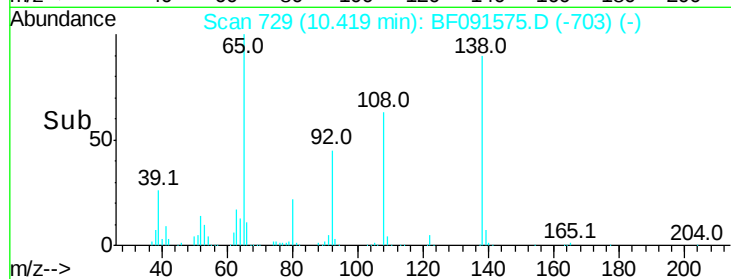
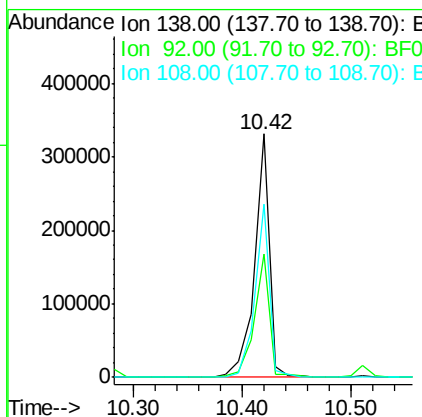
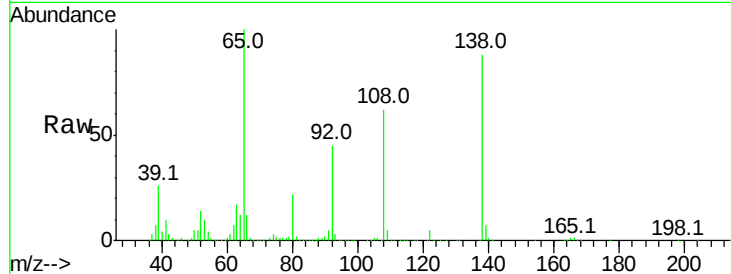
#61
4-Nitroaniline
Concen: 33.96 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF091575.D
Acq: 14 Dec 2016 2:53

Instrument :
BNA_F
ClientSampleId :
WC120716MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.9	26.9	66.9
108	71.0	49.1	89.1

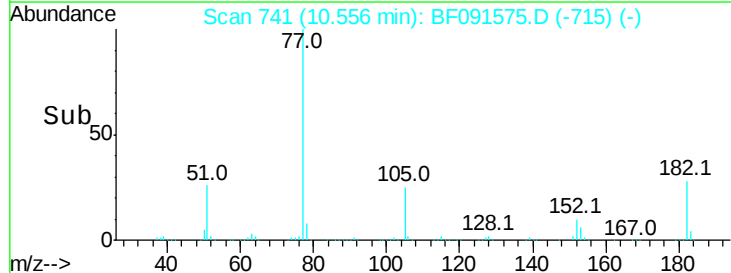
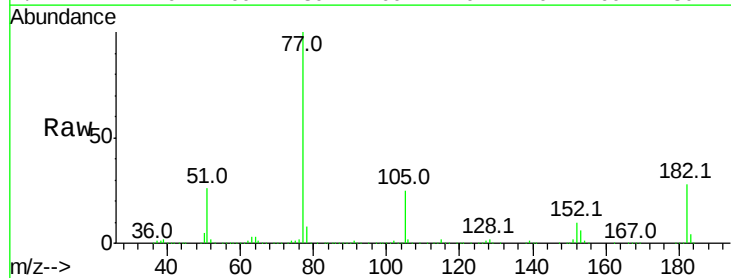
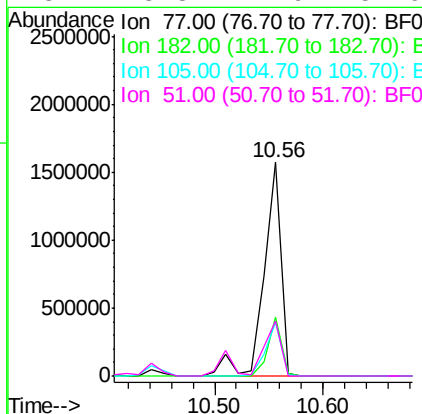
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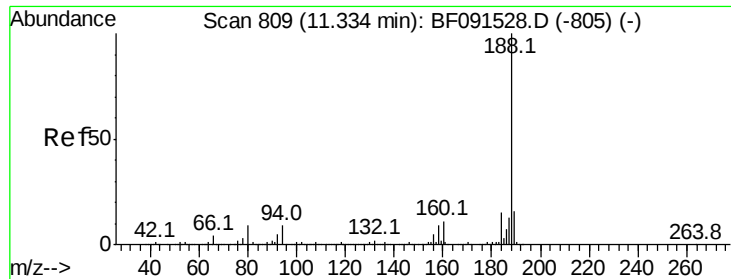
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#62
Azobenzene
Concen: 44.35 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF091575.D
Acq: 14 Dec 2016 2:53

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.6	12.5	52.5
105	25.3	3.7	43.7
51	25.8	11.9	51.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Instrument :

BNA_F

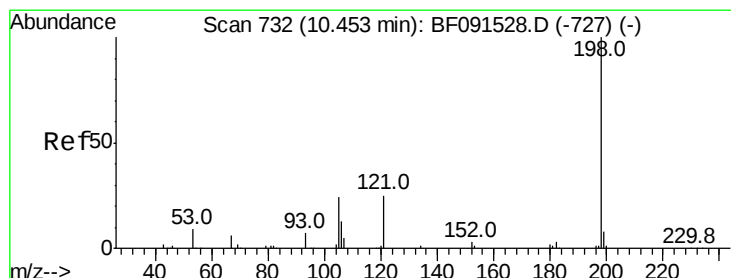
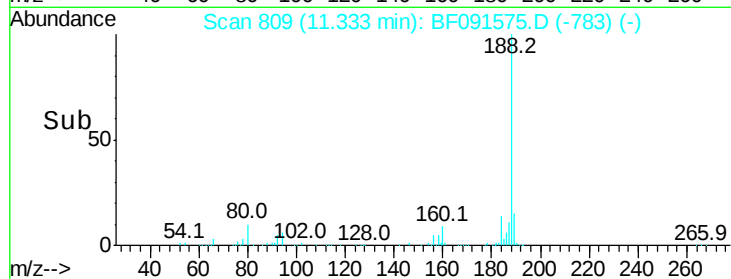
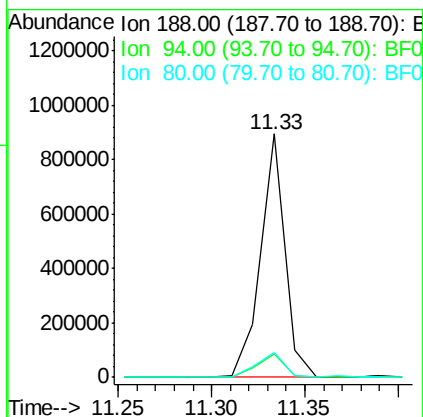
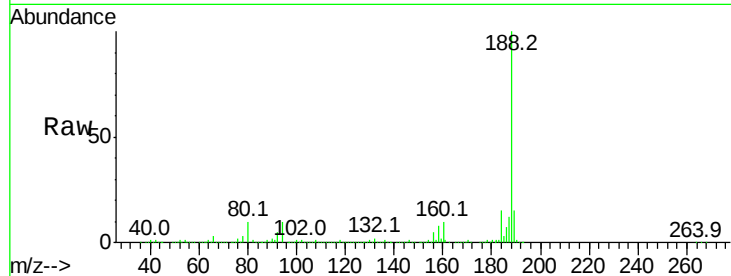
ClientSampleId :

WC120716MSD

Tot Ion:	188	Resp:	822165
Ion Ratio	Lower	Upper	
188	100		
94	9.7	9.2	13.8
80	10.3	10.5	15.7#

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#64

4,6-Dinitro-2-methylphenol

Concen: 34.63 ng

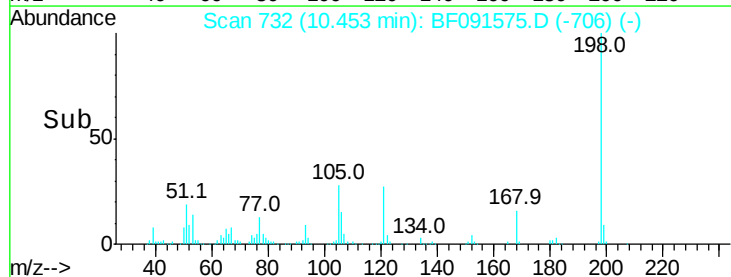
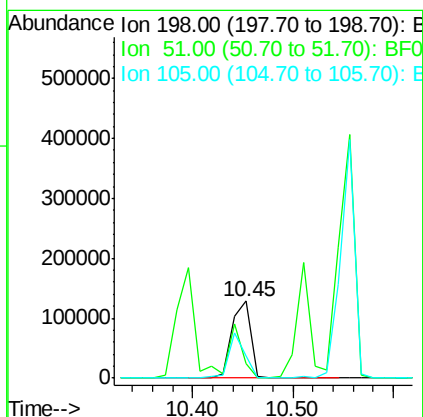
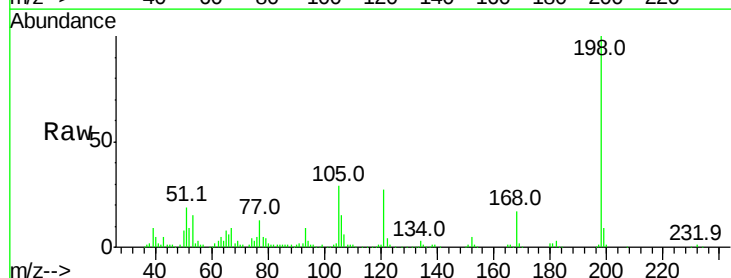
RT: 10.45 min Scan# 732

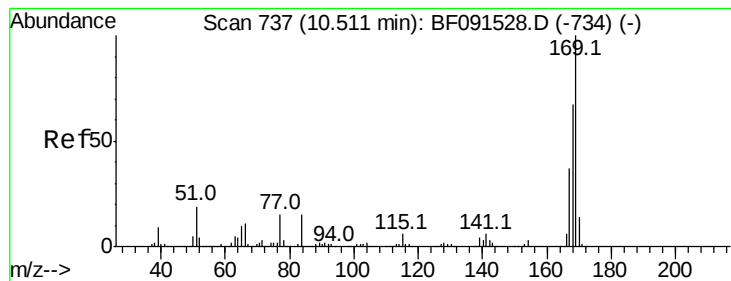
Delta R.T. 0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Tgt Ion:	198	Resp:	168575
Ion Ratio	Lower	Upper	
198	100		
51	19.1	77.1	117.1#
105	28.6	44.8	84.8#





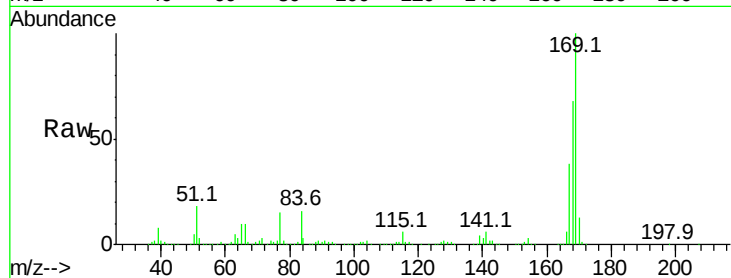
#65
n-Nitrosodiphenylamine
Concen: 46.81 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF091575.D
Acq: 14 Dec 2016 2:53

Instrument :
BNA_F
ClientSampleId :
WC120716MSD

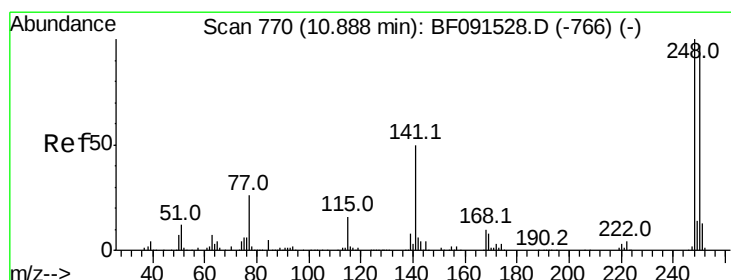
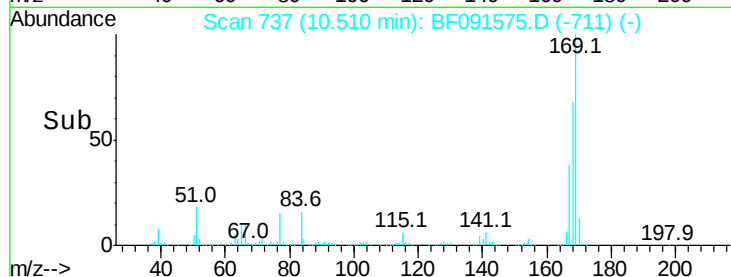
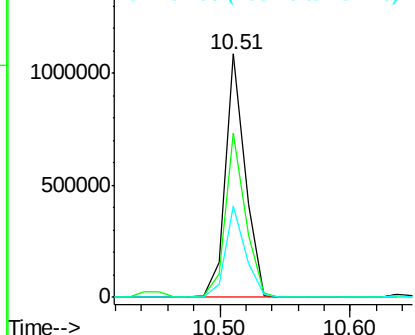
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.6	53.8	80.8
167	37.7	29.8	44.8

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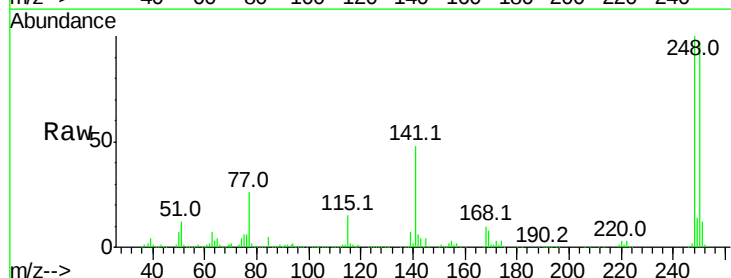


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

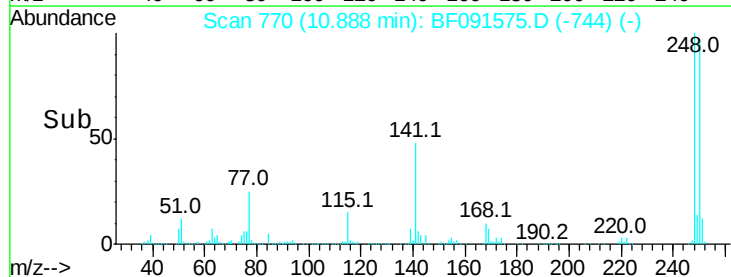
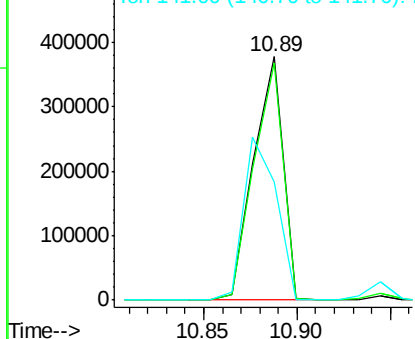


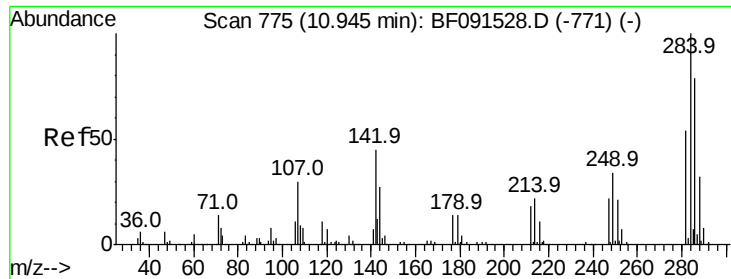
#66
4-Bromophenyl-phenylether
Concen: 48.91 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF091575.D
Acq: 14 Dec 2016 2:53

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.3	78.2	117.4
141	48.3	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: 43.45 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Instrument :

BNA_F

ClientSampleId :

WC120716MSD

Tot Ion:284 Resp: 380859
Ion Ratio Lower Upper

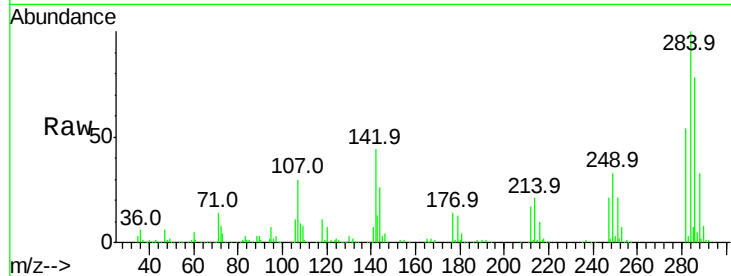
284 100

142 44.5 17.9 26.9#

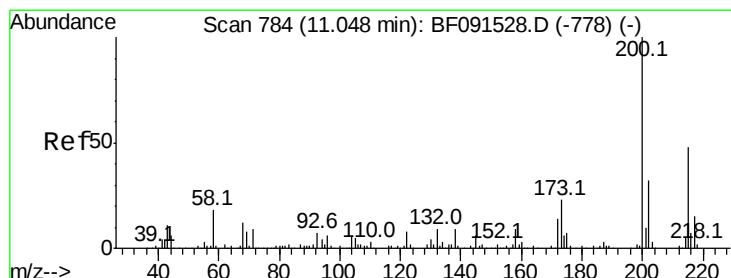
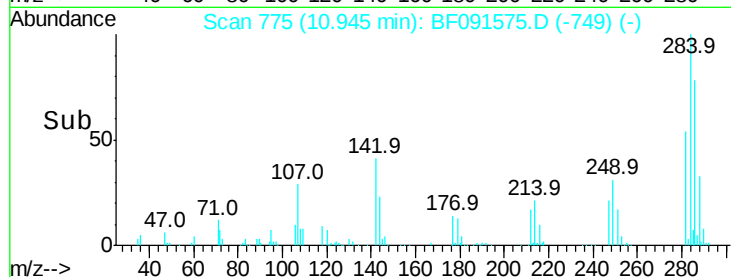
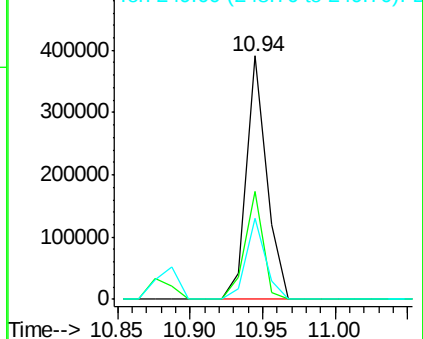
249 33.4 23.6 35.4

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



#68

Atrazine

Concen: 50.22 ng

RT: 11.05 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF091575.D

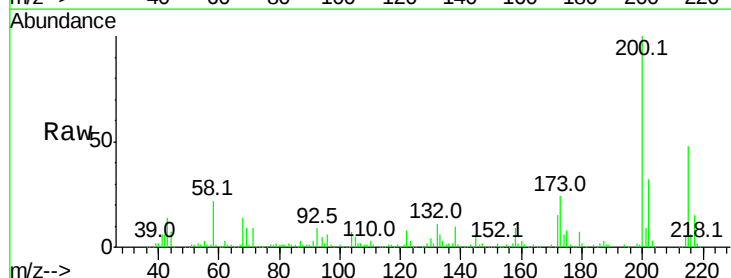
Acq: 14 Dec 2016 2:53

Tgt Ion:200 Resp: 395811
Ion Ratio Lower Upper

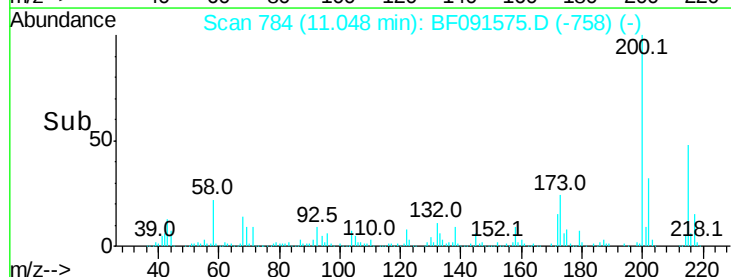
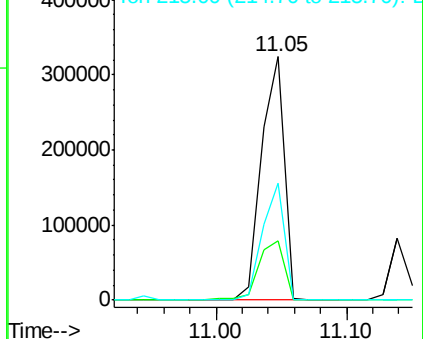
200 100

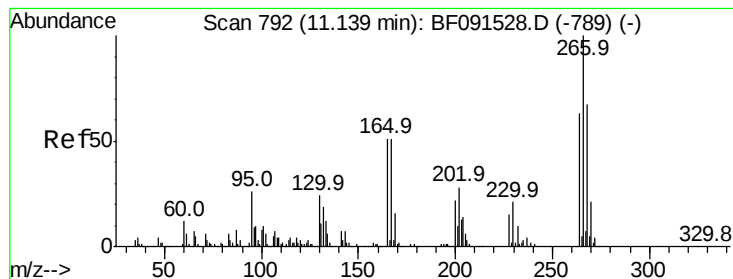
173 24.3 7.8 47.8

215 48.1 24.3 64.3



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





#69

Pentachlorophenol

Concen: 80.72 ng

RT: 11.14 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Instrument :

BNA_F

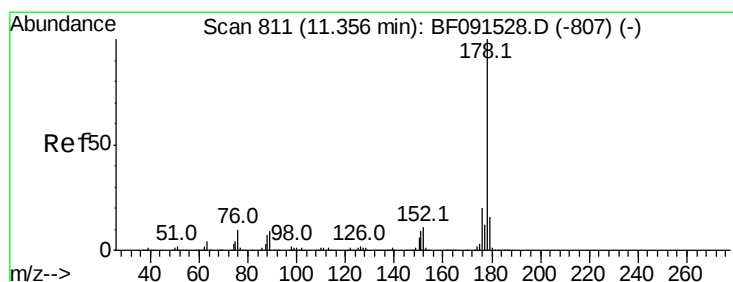
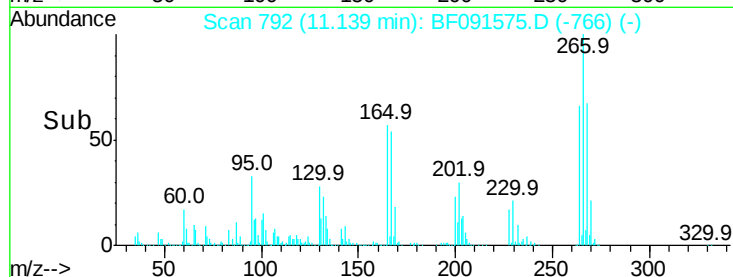
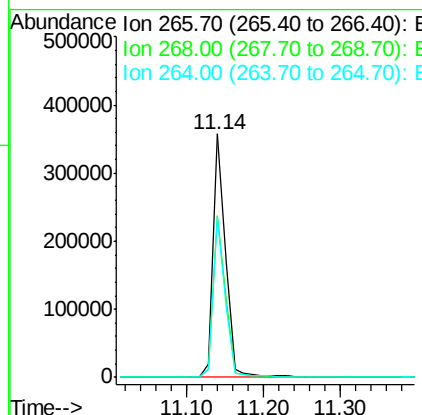
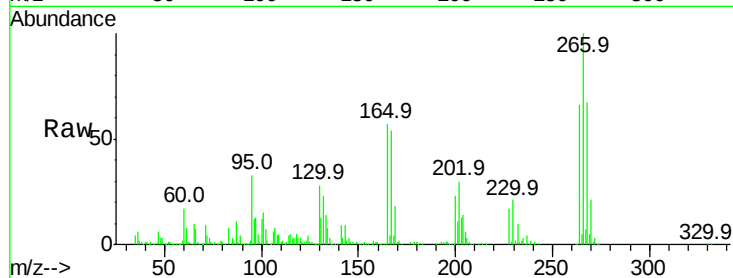
ClientSampleId :

WC120716MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	398166		
268	66.5	50.3	75.5	
264	65.8	48.2	72.2	

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#70

Phenanthrene

Concen: 43.10 ng

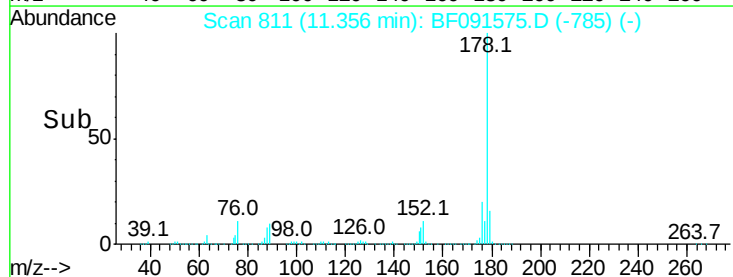
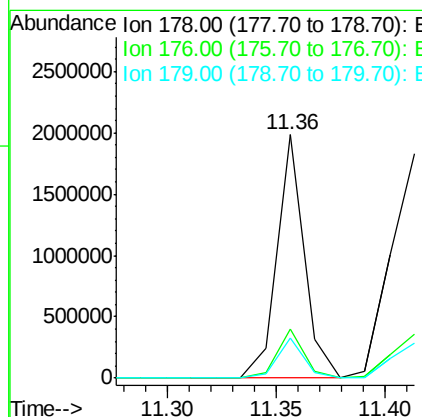
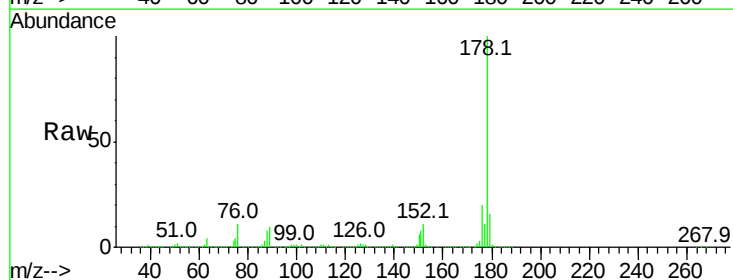
RT: 11.36 min Scan# 811

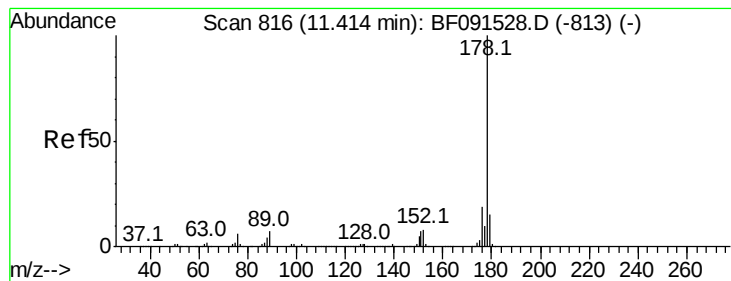
Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1754980		
176	20.1	15.9	23.9	
179	16.3	12.6	18.8	





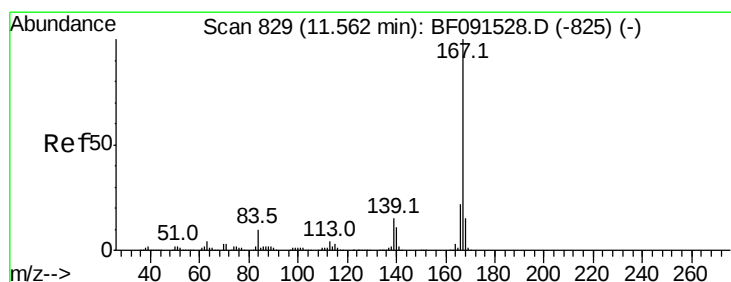
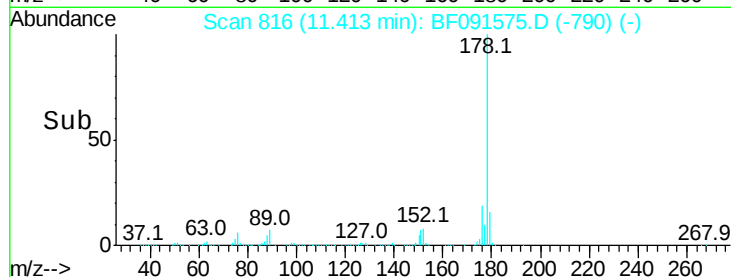
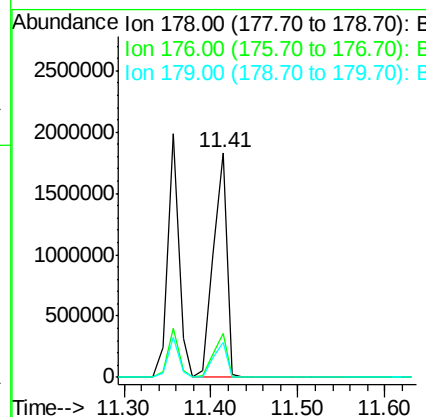
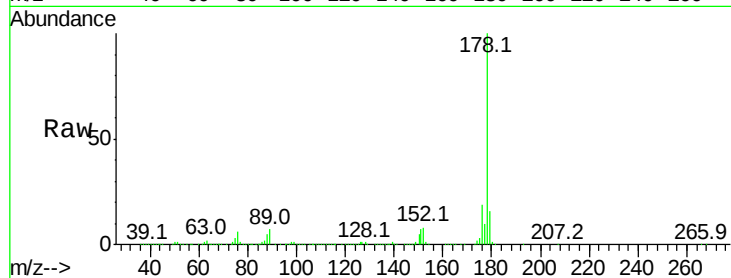
#71
 Anthracene
 Concen: 45.60 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF091575.D
 Acq: 14 Dec 2016 2:53

Instrument :
 BNA_F
 ClientSampleId :
 WC120716MSD

Tot Ion:178 Resp: 2002561
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.6
 179 15.8 12.7 19.1

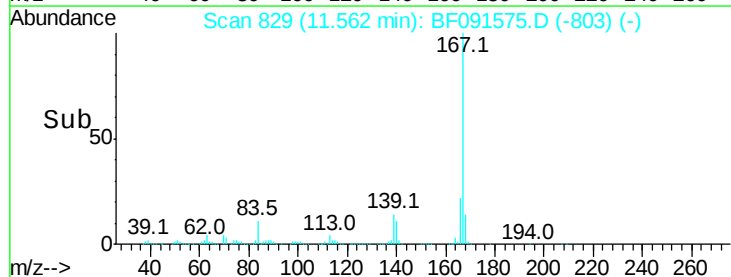
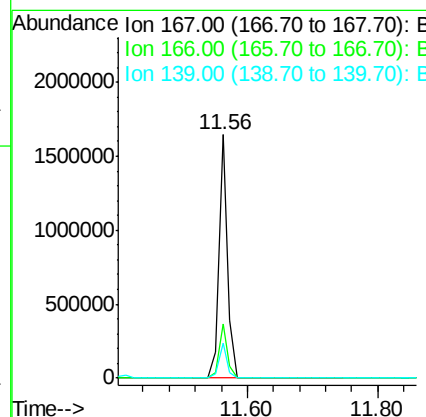
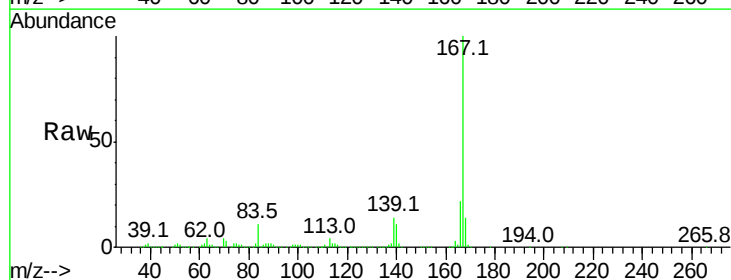
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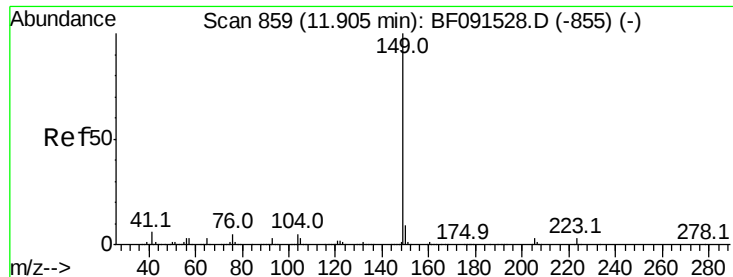
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#72
 Carbazole
 Concen: 39.98 ng
 RT: 11.56 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF091575.D
 Acq: 14 Dec 2016 2:53

Tgt Ion:167 Resp: 1539084
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 14.4 11.5 17.3





#73

Di-n-butylphthalate

Concen: 48.66 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Instrument :

BNA_F

ClientSampleId :

WC120716MSD

Tot Ion:149 Resp: 2182090

Ion Ratio Lower Upper

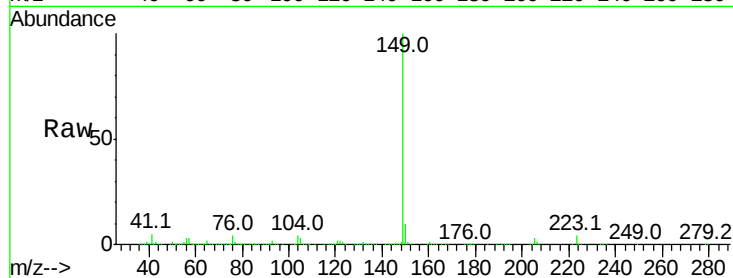
149 100

150 9.6 7.5 11.3

104 4.4 4.0 6.0

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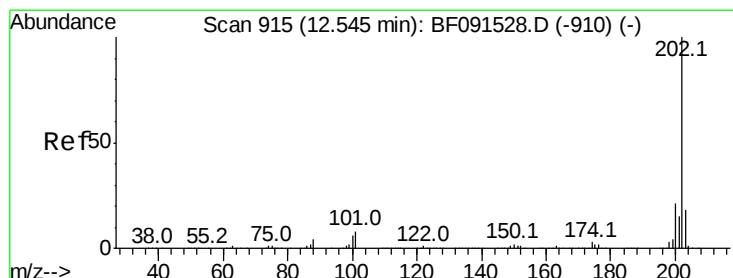
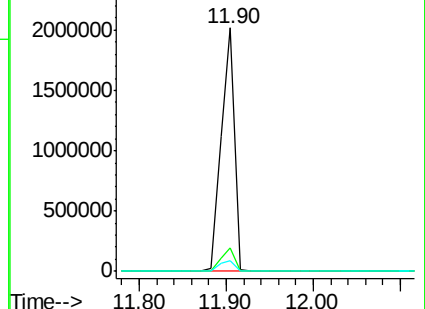
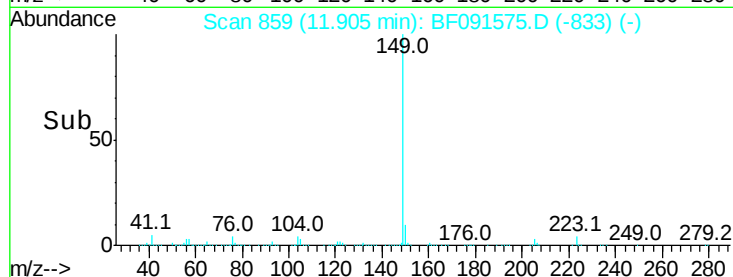
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.72 ng

RT: 12.54 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

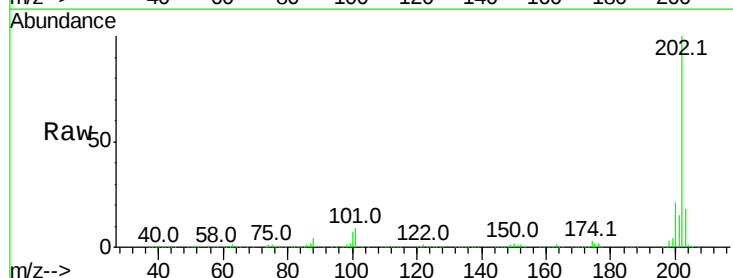
Tgt Ion:202 Resp: 1778427

Ion Ratio Lower Upper

202 100

101 8.8 0.0 29.5

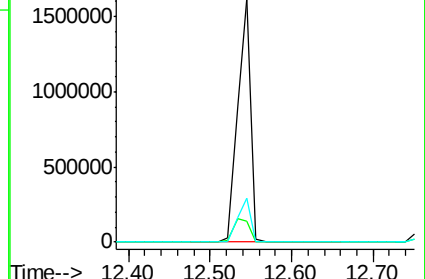
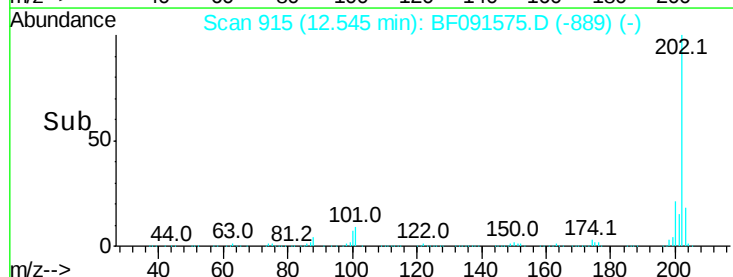
203 17.8 0.0 37.8

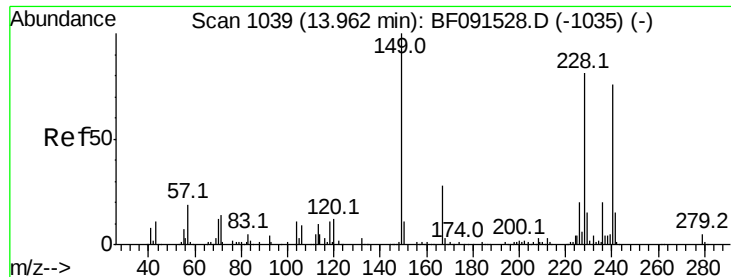


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





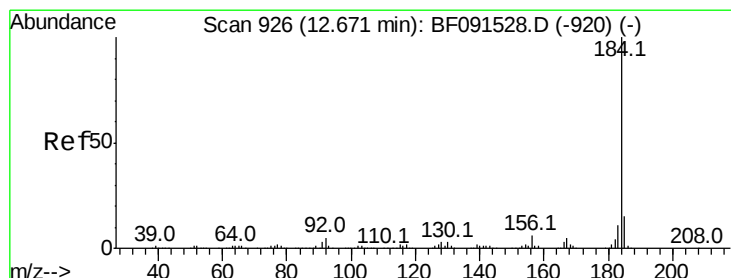
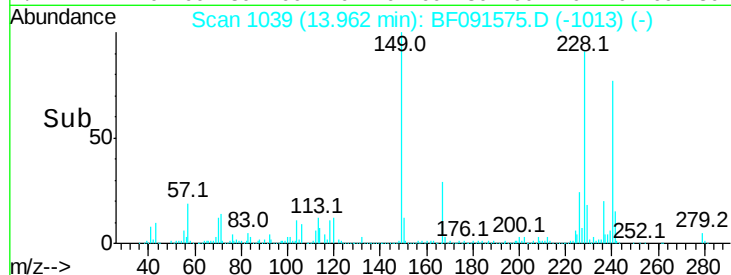
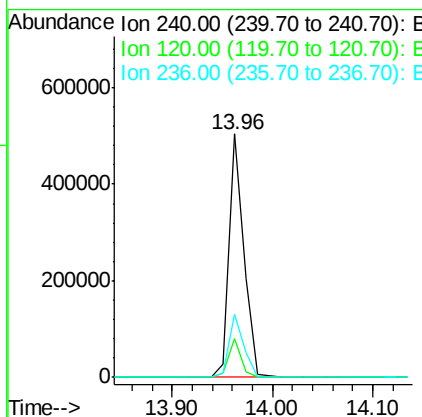
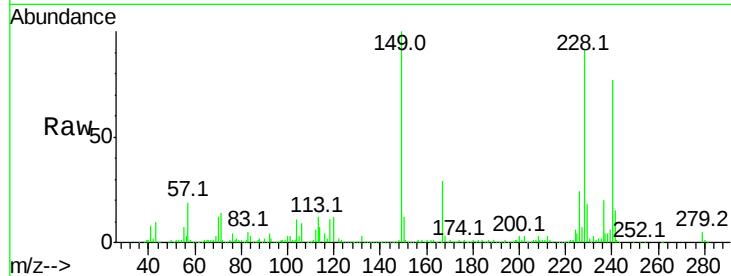
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BF091575.D
 Acq: 14 Dec 2016 2:53

Instrument :
 BNA_F
 ClientSampleId :
 WC120716MSD

Tot Ion:	240	Resp:	514919
Ion Ratio	Lower	Upper	
240	100		
120	16.2	12.1	18.1
236	25.8	21.0	31.6

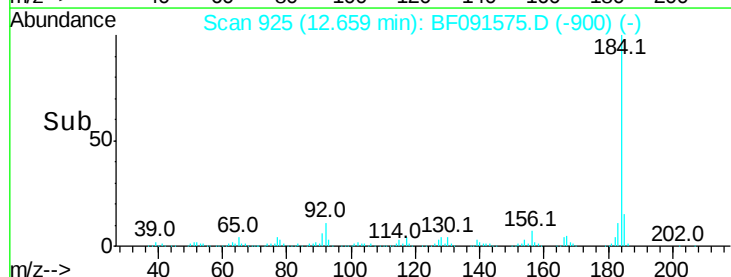
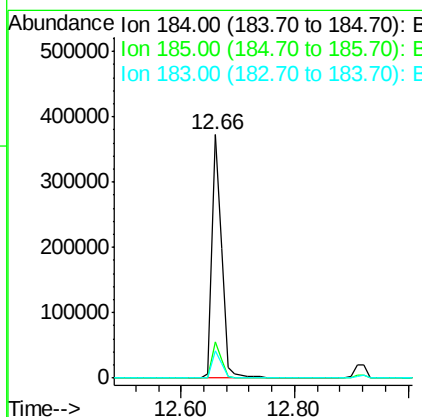
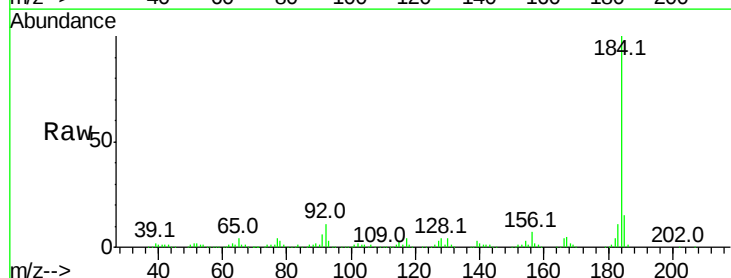
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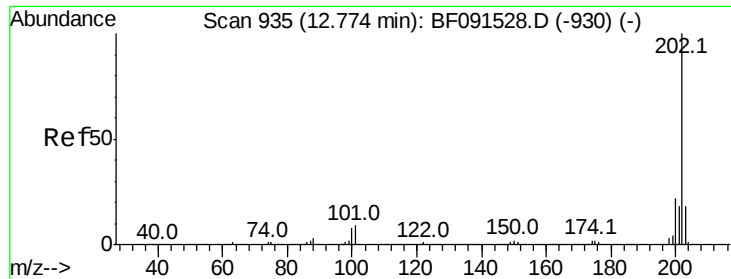
sohil
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#76
 Benzidine
 Concen: 26.84 ng
 RT: 12.66 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF091575.D
 Acq: 14 Dec 2016 2:53

Tgt Ion:	184	Resp:	427342
Ion Ratio	Lower	Upper	
184	100		
185	14.7	13.1	19.7
183	11.4	8.9	13.3





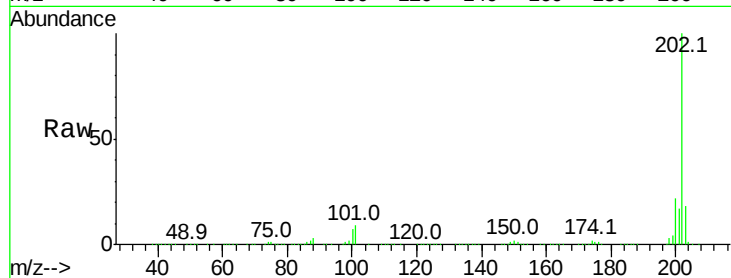
#77
Pvrene
Concen: 42.63 ng
RT: 12.77 min Scan# 935
Delta R.T. -0.00 min
Lab File: BF091575.D
Acq: 14 Dec 2016 2:53

Instrument :
BNA_F
ClientSampleId :
WC120716MSD

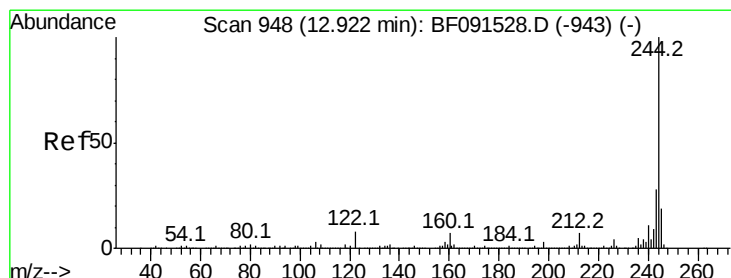
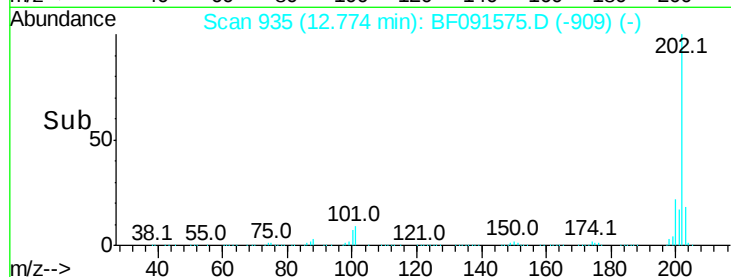
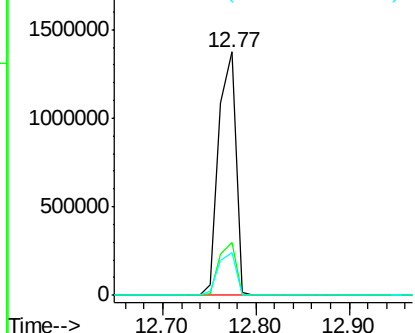
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.6	26.4
203	17.7	14.0	21.0

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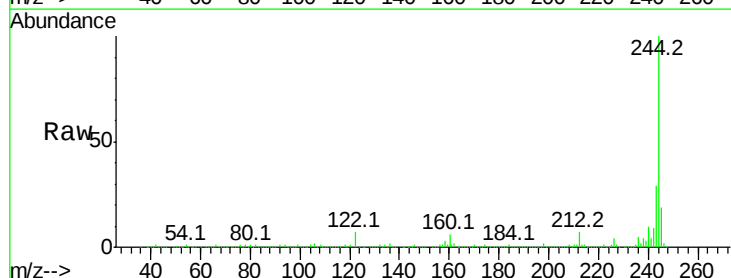


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

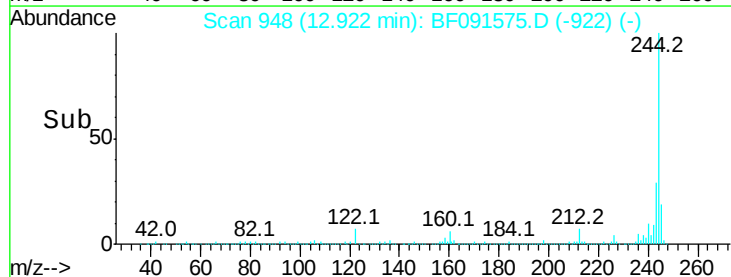
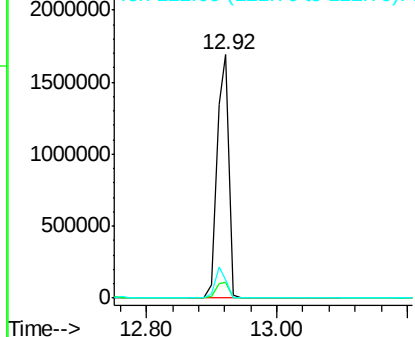


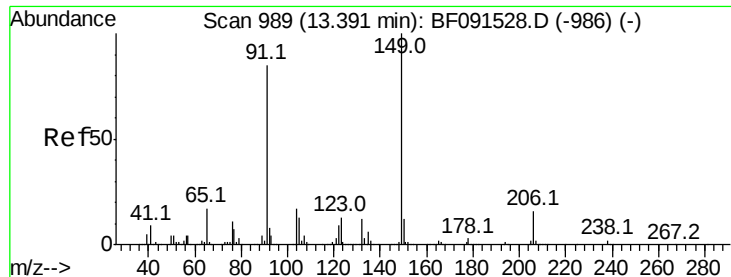
#78
Terphenyl-d14
Concen: 95.47 ng
RT: 12.92 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF091575.D
Acq: 14 Dec 2016 2:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.5	9.7
122	7.3	9.5	14.3#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





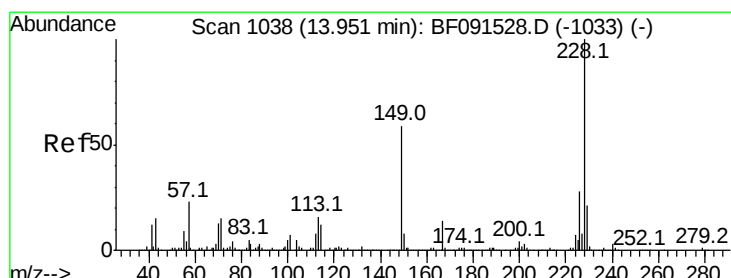
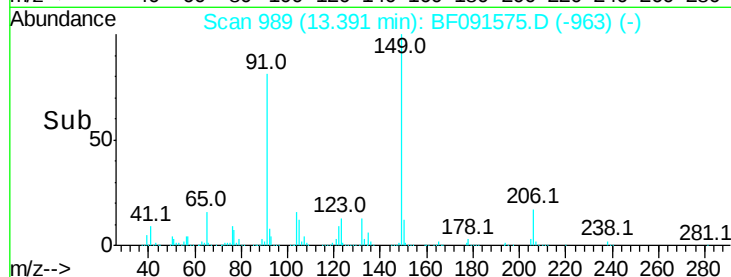
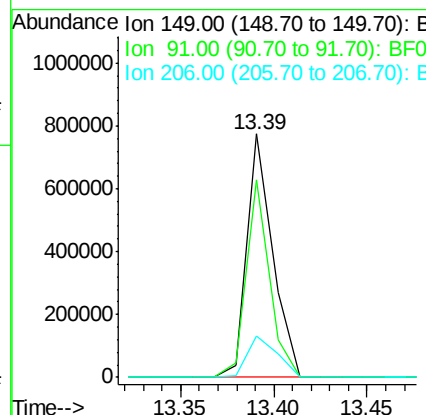
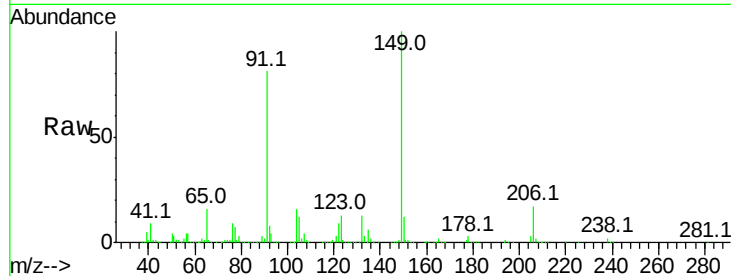
#79
Butylbenzylphthalate
Concen: 46.86 ng
RT: 13.39 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF091575.D
Acq: 14 Dec 2016 2:53

Instrument :
BNA_F
ClientSampleId :
WC120716MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	746289		
91	81.2	57.4	86.2	
206	16.9	15.4	23.2	

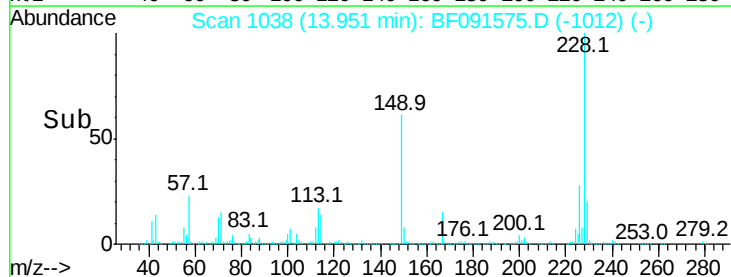
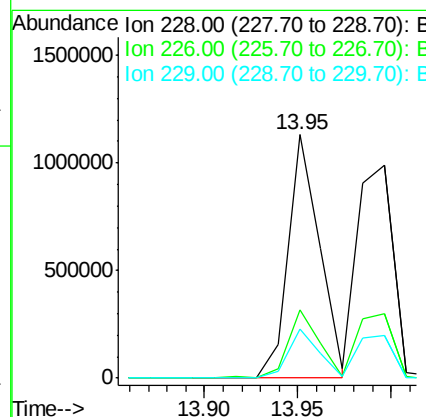
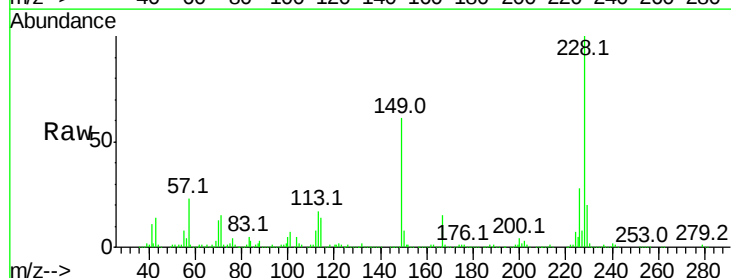
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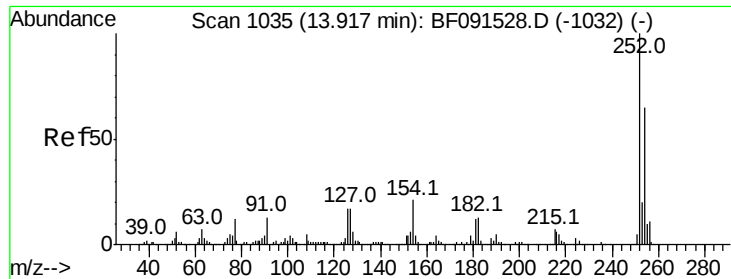
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#80
Benzo(a)anthracene
Concen: 44.41 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF091575.D
Acq: 14 Dec 2016 2:53

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1328070		
226	27.8	22.5	33.7	
229	20.1	16.4	24.6	





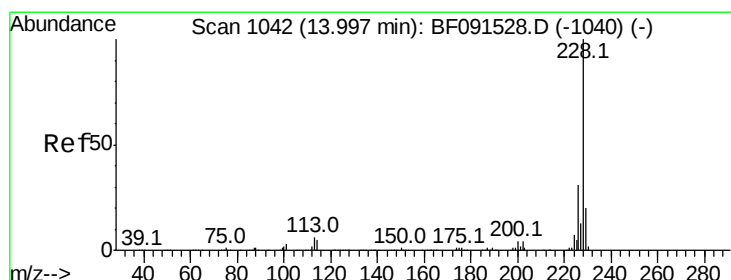
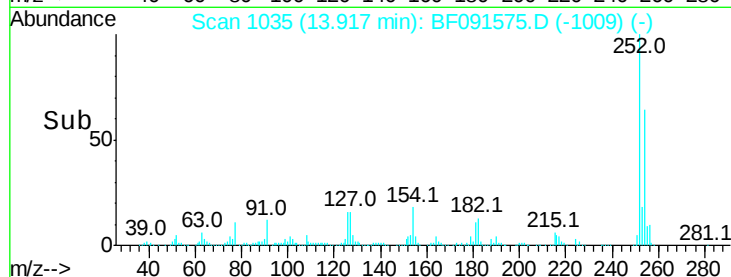
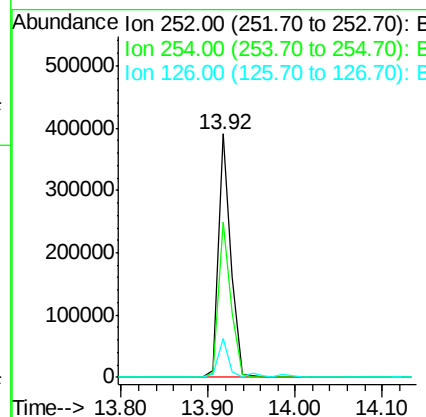
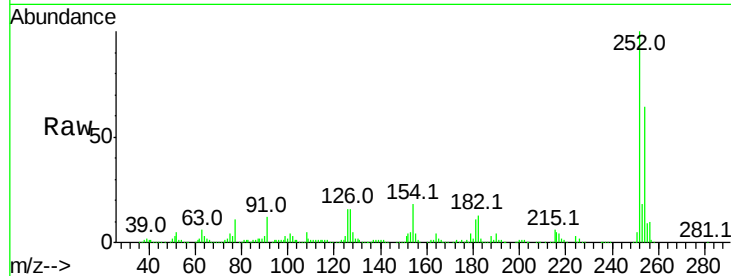
#81
 3,3'-Dichlorobenzidine
 Concen: 36.80 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF091575.D
 Acq: 14 Dec 2016 2:53

Instrument :
 BNA_F
 ClientSampleId :
 WC120716MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.7	52.1	78.1
126	15.9	7.5	11.3

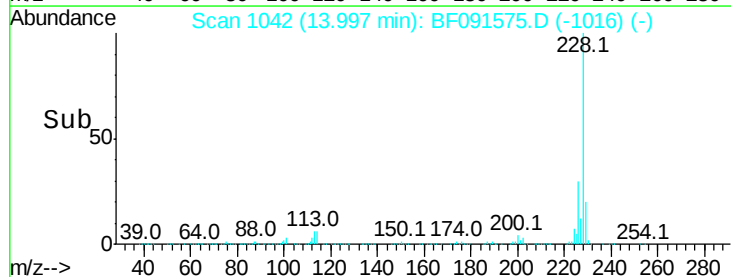
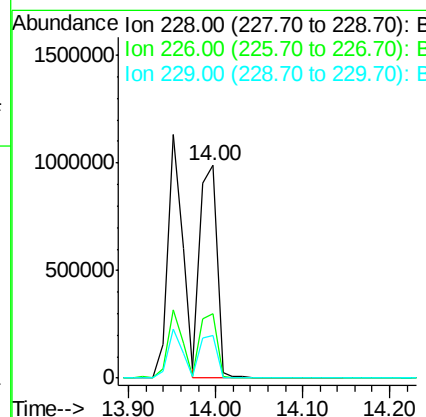
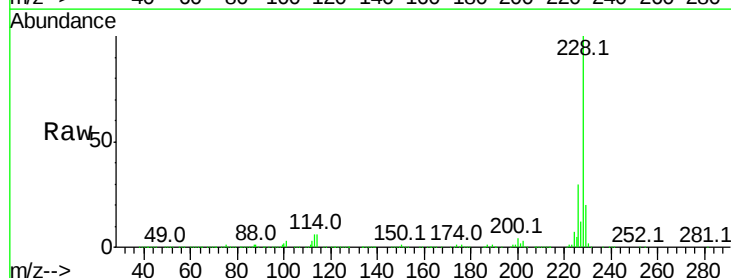
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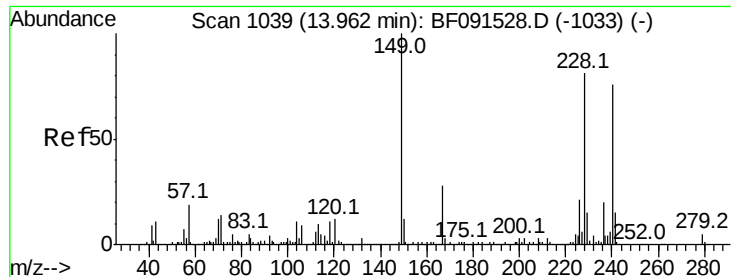
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#82
 Chrysene
 Concen: 42.57 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF091575.D
 Acq: 14 Dec 2016 2:53

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.1	25.0	37.4
229	19.9	16.0	24.0





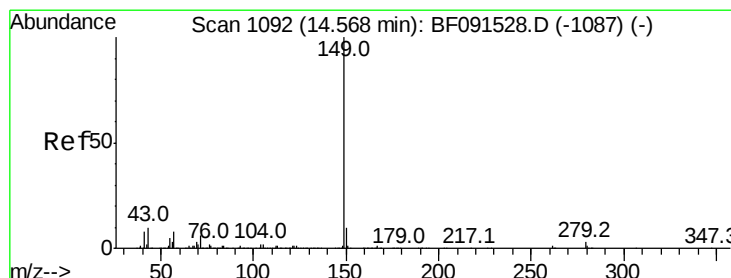
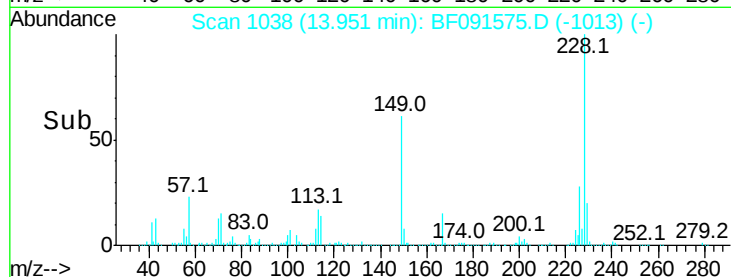
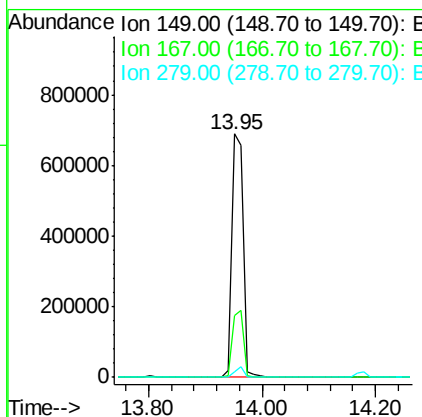
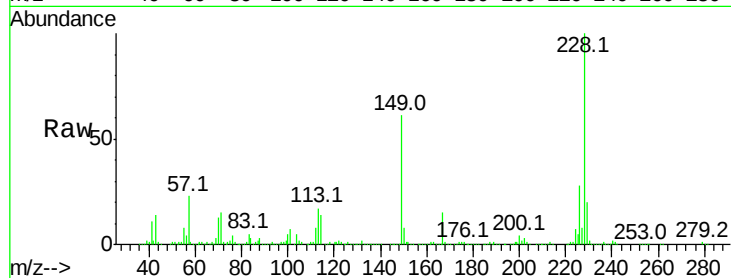
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.18 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF091575.D
 Acq: 14 Dec 2016 2:53

Instrument :
 BNA_F
 ClientSampleId :
 WC120716MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.4	19.6	29.4
279	2.1	1.9	2.9

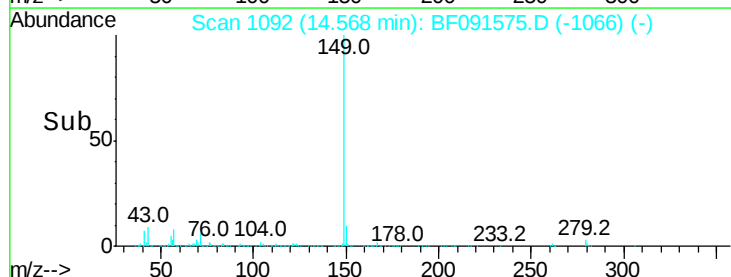
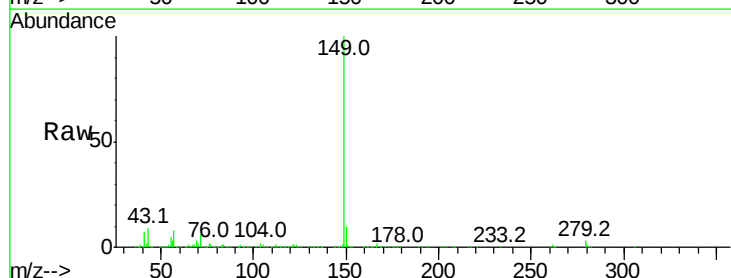
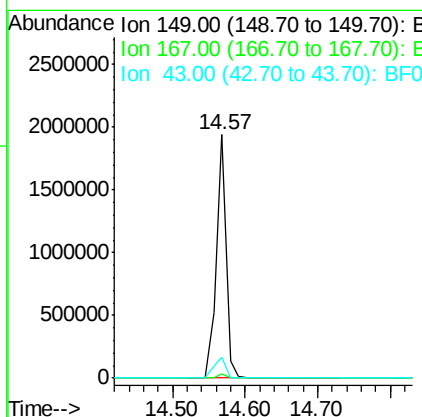
Manual Integrations
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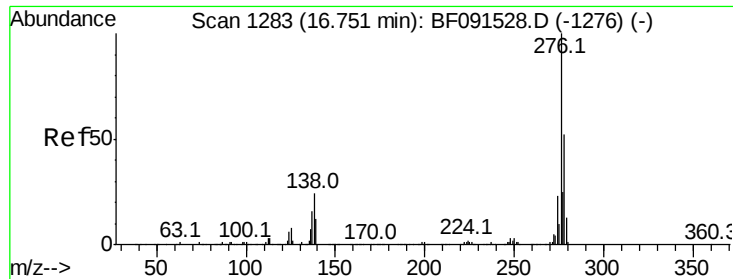
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#84
 Di-n-octyl phthalate
 Concen: 52.27 ng
 RT: 14.57 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: BF091575.D
 Acq: 14 Dec 2016 2:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.3	11.9	17.9#





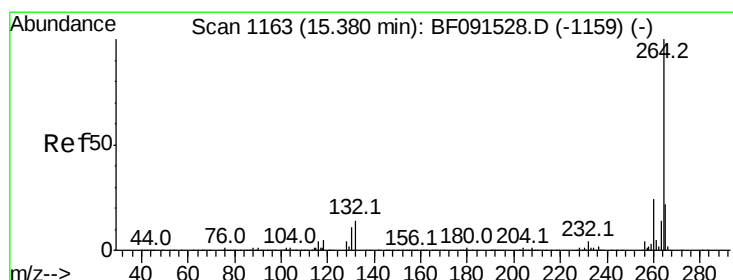
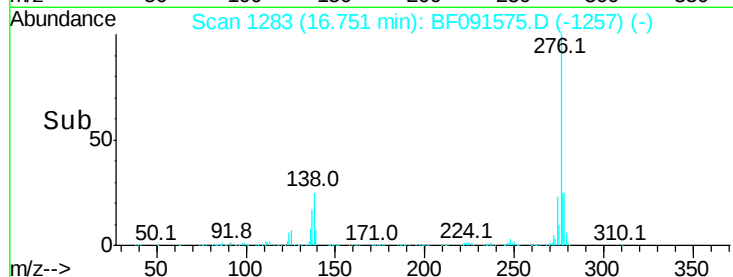
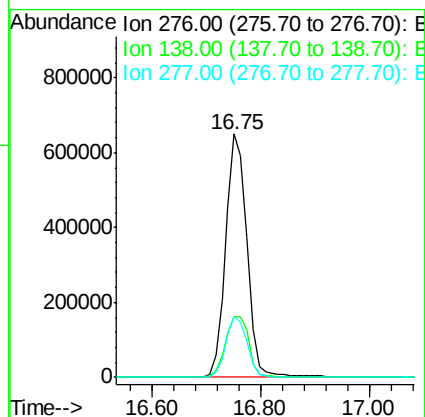
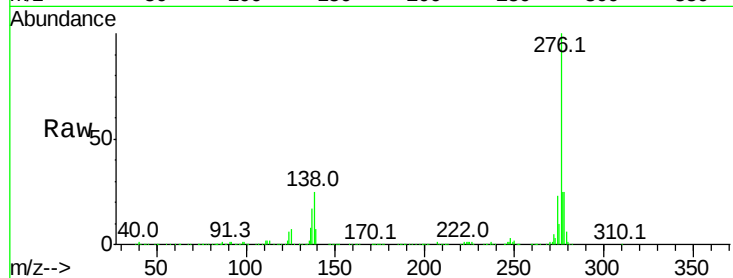
#85
Indeno(1,2,3-cd)pyrene
Concen: 62.75 ng
RT: 16.75 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF091575.D
Acq: 14 Dec 2016 2:53

Instrument :
BNA_F
ClientSampleId :
WC120716MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.6	21.0	31.4
277	25.1	20.2	30.2

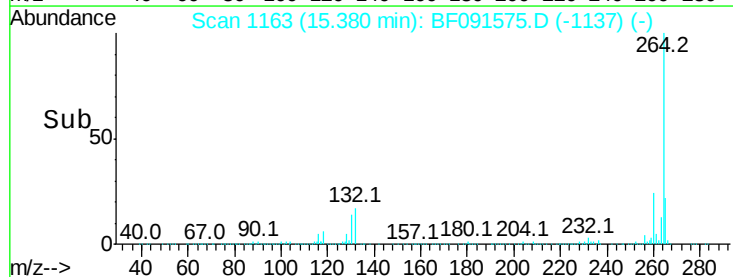
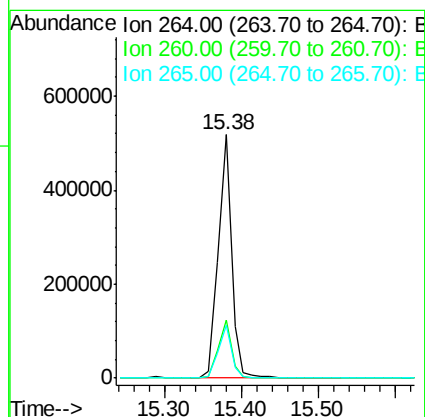
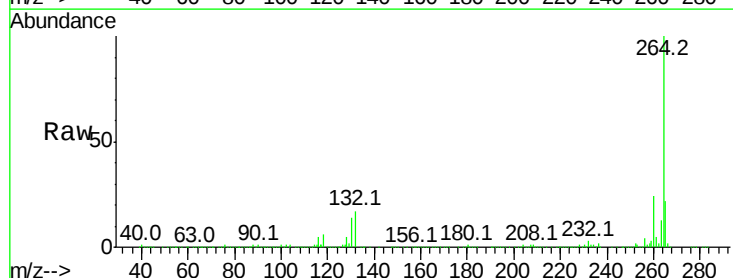
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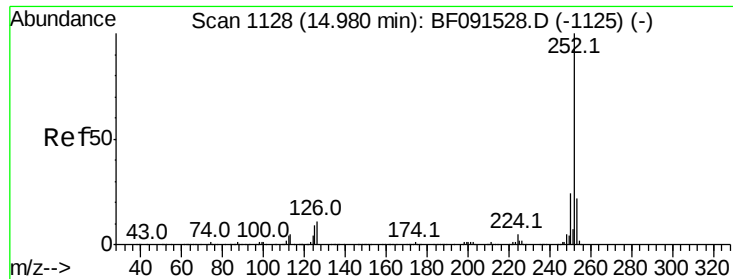
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF091575.D
Acq: 14 Dec 2016 2:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	21.7	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 42.98 ng m

RT: 14.98 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Instrument :

BNA_F

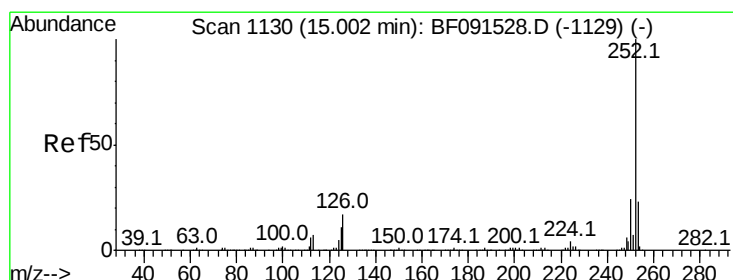
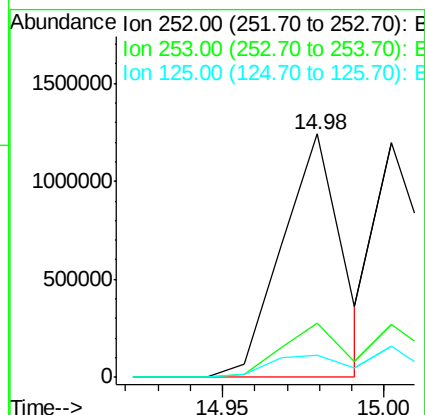
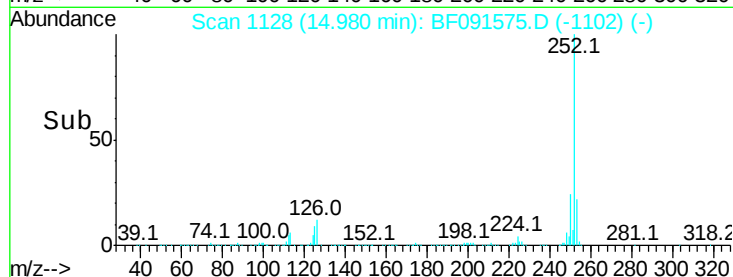
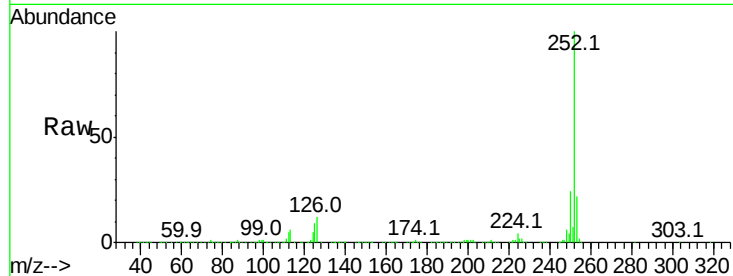
ClientSampleId :

WC120716MSD

Tot Ion:	252	Resp:	1612527
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.2	27.2
125	9.4	8.6	13.0

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 39.38 ng m

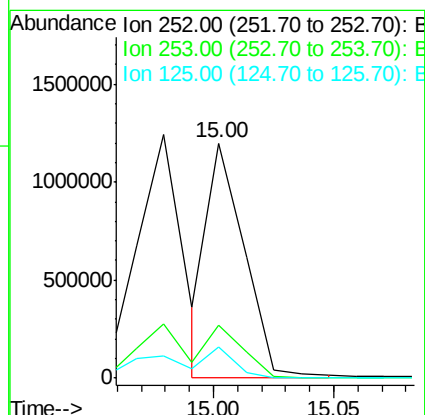
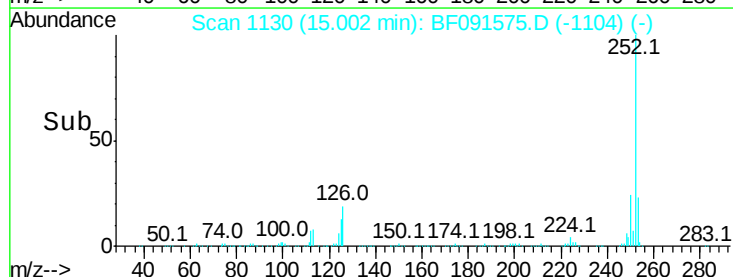
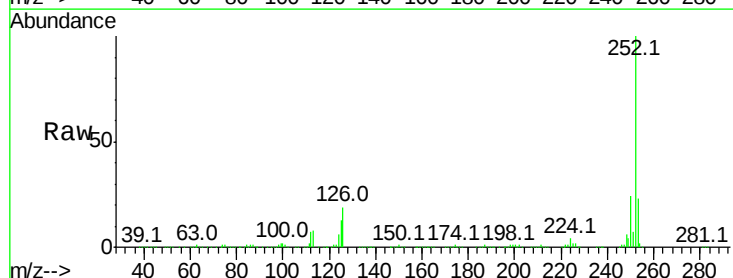
RT: 15.00 min Scan# 1130

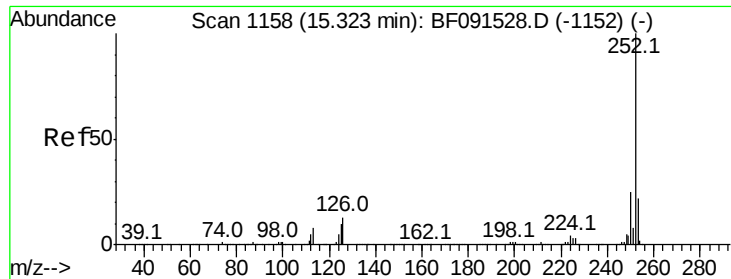
Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Tgt Ion:	252	Resp:	1299086
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.8	26.8
125	13.2	9.6	14.4





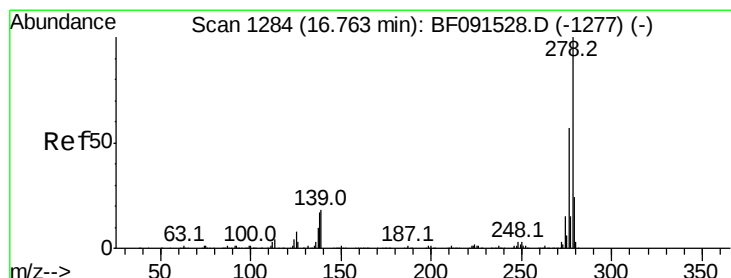
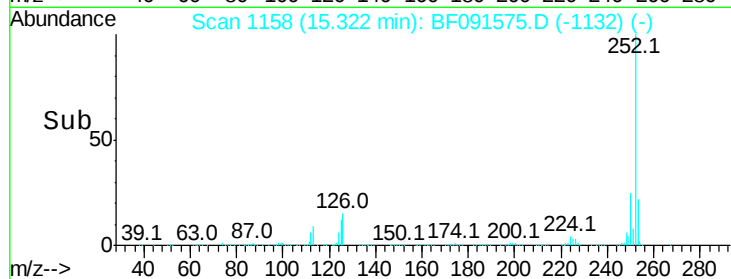
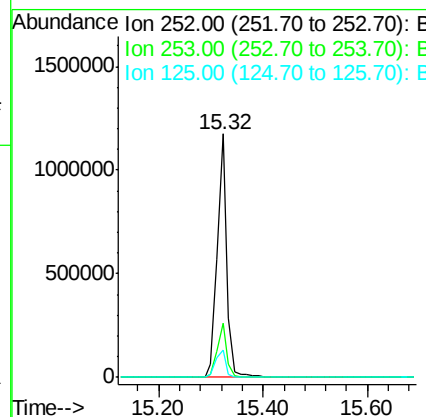
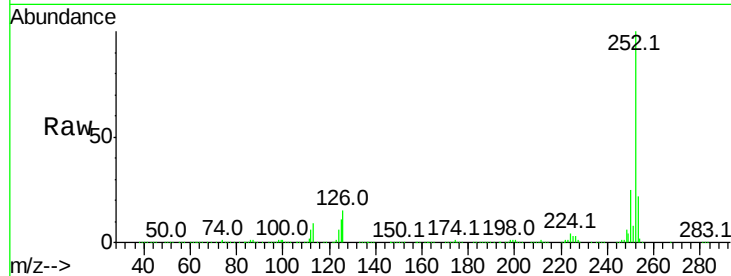
#89
Benzo(a)pyrene
Concen: 44.29 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF091575.D
Acq: 14 Dec 2016 2:53

Instrument :
BNA_F
ClientSampleId :
WC120716MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	11.4	10.4	15.6

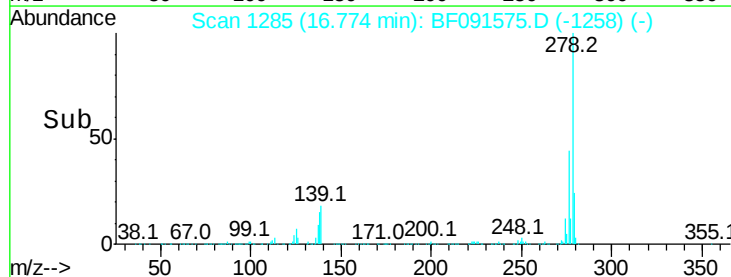
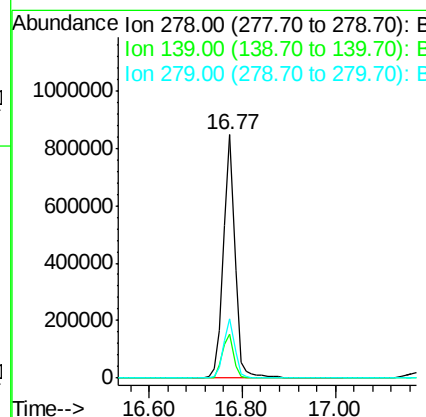
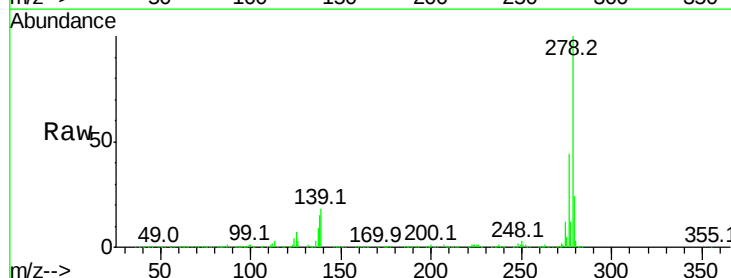
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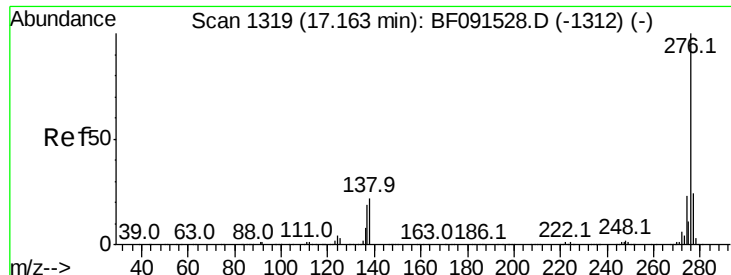
sohil
12/14/2016 6:23:04 PM



#90
Dibenzo(a,h)anthracene
Concen: 47.94 ng
RT: 16.77 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BF091575.D
Acq: 14 Dec 2016 2:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.9	15.1	22.7
279	24.1	19.0	28.6





#91
 Benzo(a,h,i)perylene
 Concen: 48.29 ng
 RT: 17.17 min Scan# 1320
 Delta R.T. 0.01 min
 Lab File: BF091575.D
 Acq: 14 Dec 2016 2:53

Instrument :
 BNA_F
 ClientSampleId :
 WC120716MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.4
138	20.8	15.4	23.0

Manual Integrations
 APPROVED

sohil
 12/14/2016 6:23:04 PM

