

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
 Data File : BF091554.D
 Acq On : 13 Dec 2016 15:22
 Operator : UM/SJ
 Sample : H5940-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS08-0-2INMSD

Manual Integrations
 APPROVED

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 12/14/2016 6:22:24 PM

Quant Time: Dec 14 00:49:06 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	312288	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1234546	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	618287	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	945139	20.00	ng	0.00
75) Chrysene-d12	13.96	240	552526	20.00	ng	0.00
86) Perylene-d12	15.38	264	608635	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	2424787	130.81	ng	0.02
7) Phenol-d6	6.46	99	2797551	121.06	ng	0.01
23) Nitrobenzene-d5	7.38	82	1996525	90.26	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	649803	126.53	ng	0.01
44) 2-Fluorobiphenyl	9.18	172	2769266	77.39	ng	0.00
78) Terphenyl-d14	12.92	244	2155659	88.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	365562	37.37	ng	# 86
3) Pyridine	3.16	79	987412	37.88	ng	# 80
4) n-Nitrosodimethylamine	3.12	42	486981	43.49	ng	# 64
6) Aniline	6.48	93	385832	12.73	ng	# 1
8) 2-Chlorophenol	6.60	128	873639	41.76	ng	91
9) Benzaldehyde	6.35	77	186476	11.73	ng	94
10) Phenol	6.48	94	1200524	44.43	ng	95
11) bis(2-Chloroethyl)ether	6.56	93	931061	45.87	ng	87
12) 1,3-Dichlorobenzene	6.75	146	943955m	41.60	ng	
13) 1,4-Dichlorobenzene	6.83	146	939735	41.99	ng	97
14) 1,2-Dichlorobenzene	6.99	146	916698	45.46	ng	94
15) Benzyl Alcohol	6.97	79	806349	44.19	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1396358	44.39	ng	82
17) 2-Methylphenol	7.08	107	751980	43.44	ng	# 76
18) Hexachloroethane	7.33	117	377534	43.23	ng	99
19) n-Nitroso-di-n-propylamine	7.24	70	698114	48.31	ng	# 75
20) 3+4-Methylphenols	7.24	107	900783	48.42	ng	86
22) Acetophenone	7.23	105	1323216	44.74	ng	# 97
24) Nitrobenzene	7.40	77	1077464	46.10	ng	# 86
25) Isophorone	7.64	82	1802195	45.83	ng	99
26) 2-Nitrophenol	7.72	139	531460	51.53	ng	# 70
27) 2,4-Dimethylphenol	7.77	122	887631	49.00	ng	94
28) bis(2-Chloroethoxy)methane	7.86	93	1220715	52.93	ng	98
29) 2,4-Dichlorophenol	7.96	162	702636	44.58	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	776502	43.35	ng	99
31) Naphthalene	8.12	128	2370783	41.27	ng	99
32) Benzoic acid	7.84	122	76203	10.16	ng	94
33) 4-Chloroaniline	8.17	127	135025	5.46	ng	98
34) Hexachlorobutadiene	8.25	225	448933	43.72	ng	98
35) Caprolactam	8.54	113	228766m	49.70	ng	
36) 4-Chloro-3-methylphenol	8.67	107	851939	48.19	ng	95
37) 2-Methylnaphthalene	8.82	142	1687600	45.39	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	634356	37.41	ng	98
40) Hexachlorocyclopentadiene	8.97	237	623123	82.42	ng	99

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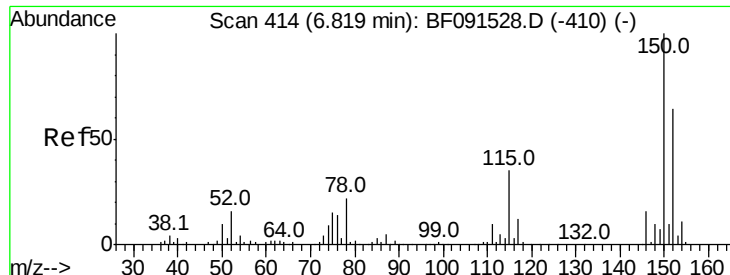
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Quant Time: Dec 14 00:49:06 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
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 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	473913	43.49	nq	99
43) 2,4,5-Trichlorophenol	9.14	196	462567	41.31	nq #	84
45) 1,1'-Biphenyl	9.28	154	1828329	40.83	nq	99
46) 2-Chloronaphthalene	9.30	162	1384177	39.91	nq	98
47) 2-Nitroaniline	9.40	65	548131	47.00	nq	93
48) Acenaphthylene	9.72	152	2296345	43.44	nq	99
49) Dimethylphthalate	9.58	163	2491522	63.64	nq	97
50) 2,6-Dinitrotoluene	9.64	165	372126	43.31	nq	93
51) Acenaphthene	9.89	154	1568590	42.72	nq	97
52) 3-Nitroaniline	9.80	138	174474	17.29	nq	89
53) 2,4-Dinitrophenol	9.92	184	251600	57.23	nq #	74
54) Dibenzofuran	10.06	168	2080658	45.80	nq	92
55) 4-Nitrophenol	9.98	139	655267	87.25	nq #	86
56) 2,4-Dinitrotoluene	10.04	165	494720	45.93	nq #	66
57) Fluorene	10.40	166	1365657	41.71	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.18	232	393952	44.94	nq	92
59) Diethylphthalate	10.28	149	1626499	43.15	nq	96
60) 4-Chlorophenyl-phenylether	10.40	204	688298	42.14	nq #	86
61) 4-Nitroaniline	10.42	138	358495	35.74	nq	92
62) Azobenzene	10.56	77	1943635	45.50	nq	92
64) 4,6-Dinitro-2-methylphenol	10.45	198	254052	44.49	nq #	38
65) n-Nitrosodiphenylamine	10.51	169	1278687	45.38	nq	100
66) 4-Bromophenyl-phenylether	10.89	248	455407	47.00	nq #	78
67) Hexachlorobenzene	10.94	284	421908	41.87	nq #	73
68) Atrazine	11.05	200	465945	51.43	nq	97
69) Pentachlorophenol	11.14	266	460825	81.27	nq	96
70) Phenanthrene	11.36	178	2014699	43.05	nq	98
71) Anthracene	11.41	178	2297485	45.51	nq	100
72) Carbazole	11.56	167	1789173	40.43	nq	99
73) Di-n-butylphthalate	11.90	149	2457495	47.67	nq	99
74) Fluoranthene	12.55	202	2231675	45.54	nq	100
76) Benzidine	12.66	184	307336	17.99	nq	99
77) Pyrene	12.77	202	2190921	49.98	nq	99
79) Butylbenzylphthalate	13.39	149	866677	50.72	nq	87
80) Benzo(a)anthracene	13.95	228	1435041	44.72	nq	100
81) 3,3'-Dichlorobenzidine	13.92	252	274502	23.82	nq #	96
82) Chrysene	13.99	228	1416825	42.20	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	1067015	48.67	nq	99
84) Di-n-octyl phthalate	14.57	149	1931772	51.91	nq #	91
85) Indeno(1,2,3-cd)pyrene	16.75	276	1703923	56.40	nq	99
87) Benzo(b)fluoranthene	14.98	252	1628419m	44.88	nq	
88) Benzo(k)fluoranthene	15.00	252	1237271m	38.78	nq	
89) Benzo(a)pyrene	15.32	252	1441749	44.11	nq #	96
90) Dibenzo(a,h)anthracene	16.77	278	1383257	47.24	nq #	96
91) Benzo(g,h,i)perylene	17.16	276	1478582	49.62	nq #	95

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



#1

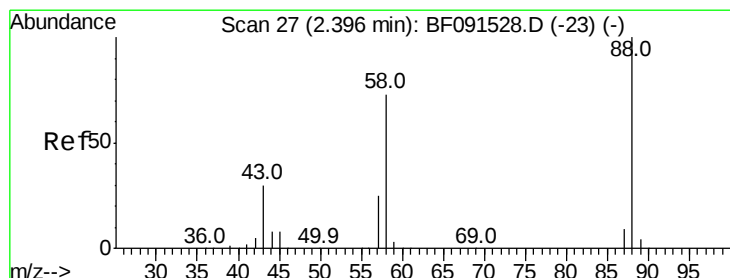
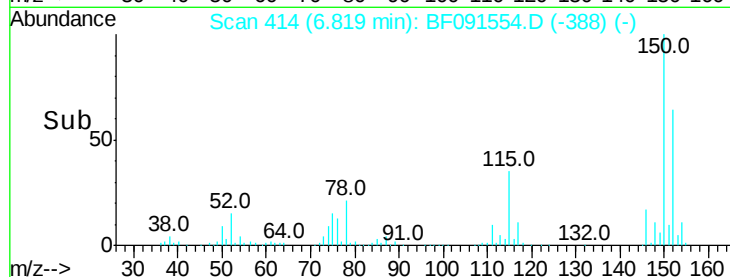
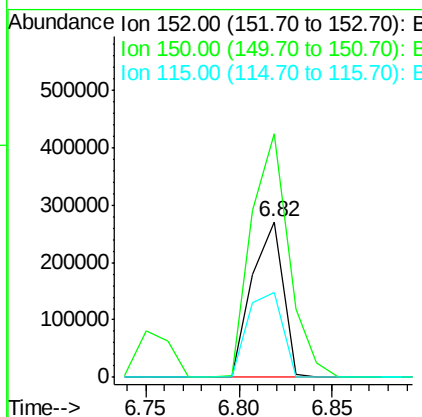
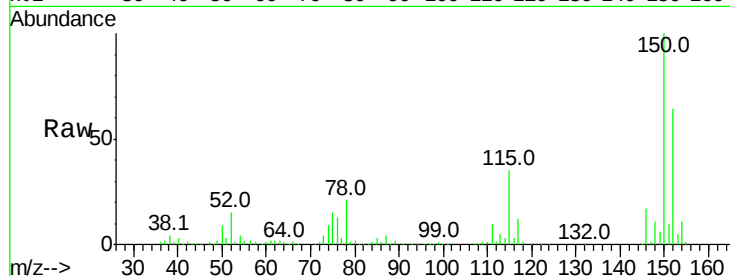
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.00 min
Lab File: BF091554.D
Acq: 13 Dec 2016 15:22

Instrument :
BNA_F
ClientSampleId :
SS08-0-2INMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	122.5	183.7
115	54.5	51.8	77.8

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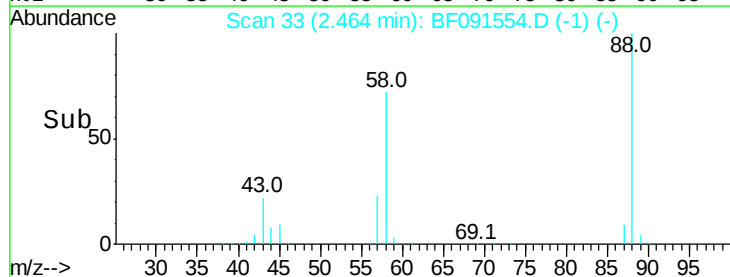
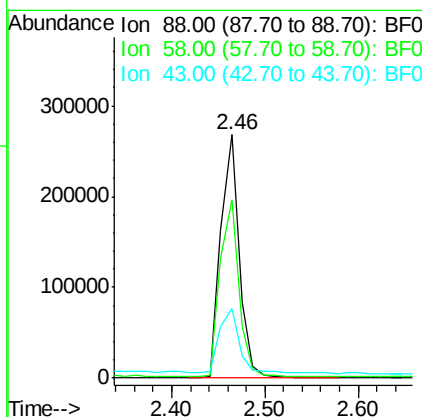
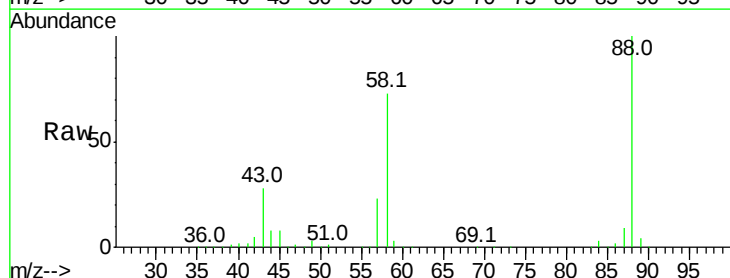
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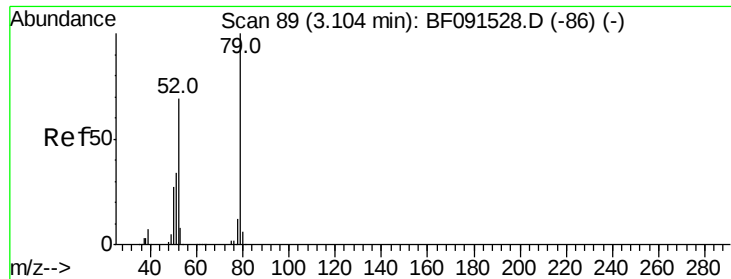


#2

1,4-Dioxane
Concen: 37.37 ng
RT: 2.46 min Scan# 33
Delta R.T. 0.07 min
Lab File: BF091554.D
Acq: 13 Dec 2016 15:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.5	70.3	105.5
43	30.3	31.3	46.9#





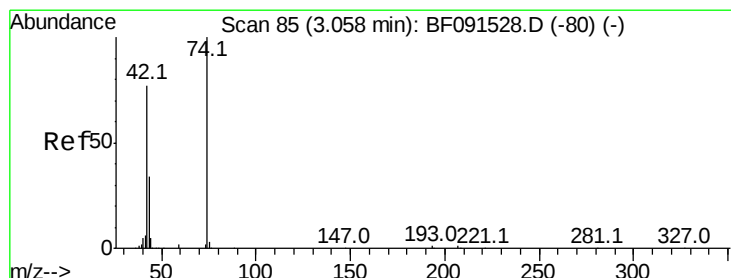
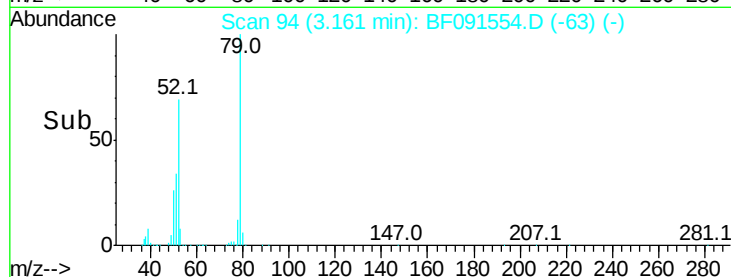
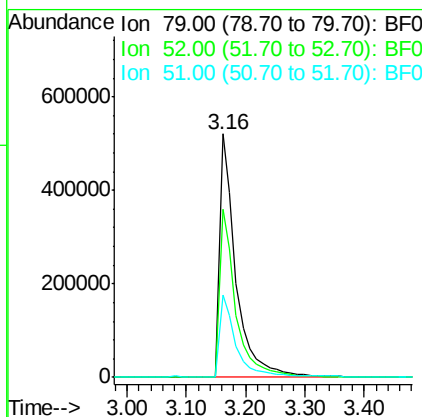
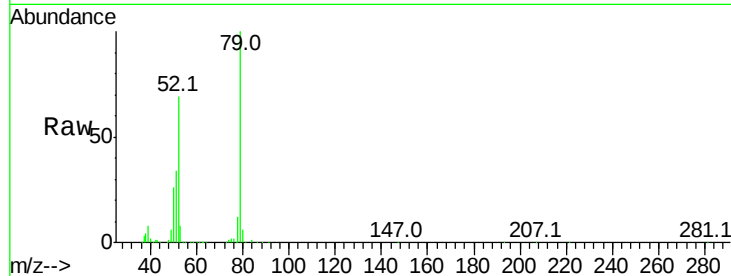
#3
Pvridine
Concen: 37.88 ng
RT: 3.16 min Scan# 94
Delta R.T. 0.06 min
Lab File: BF091554.D
Acq: 13 Dec 2016 15:22

Instrument :
BNA_F
ClientSampleId :
SS08-0-2INMSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	69.1	71.0	106.4#
51	34.0	37.0	55.4#

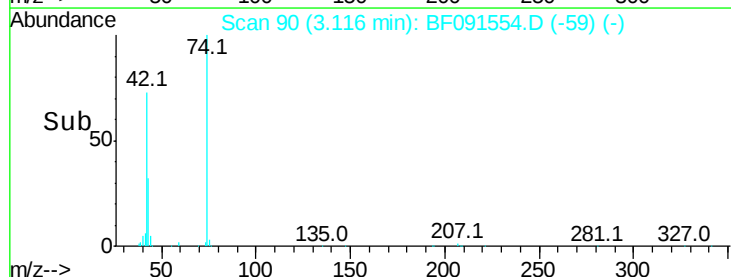
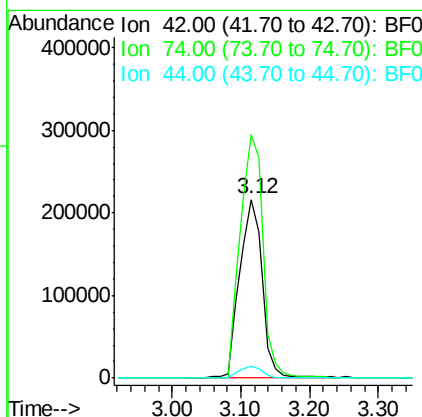
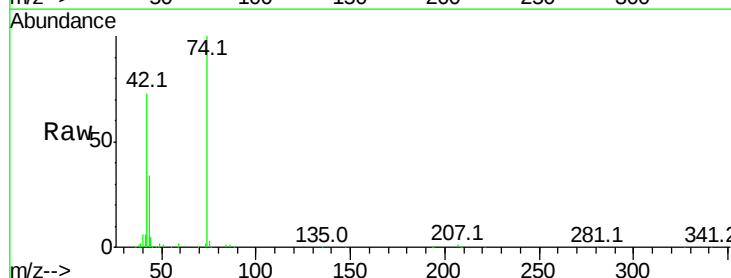
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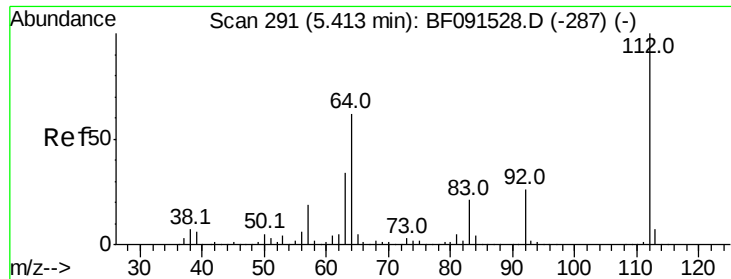
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#4
n-Nitrosodimethylamine
Concen: 43.49 ng
RT: 3.12 min Scan# 90
Delta R.T. 0.06 min
Lab File: BF091554.D
Acq: 13 Dec 2016 15:22

Tgt Ion	Ratio	Lower	Upper
42	100		
74	136.5	78.9	118.3#
44	6.9	5.8	8.6





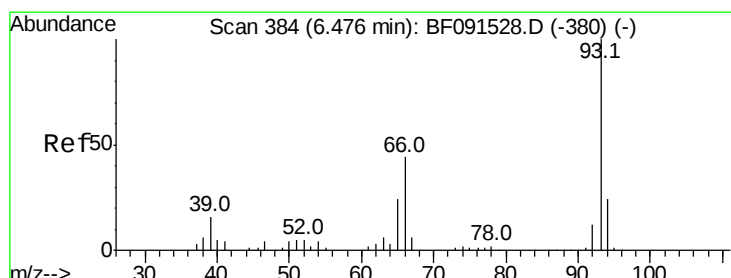
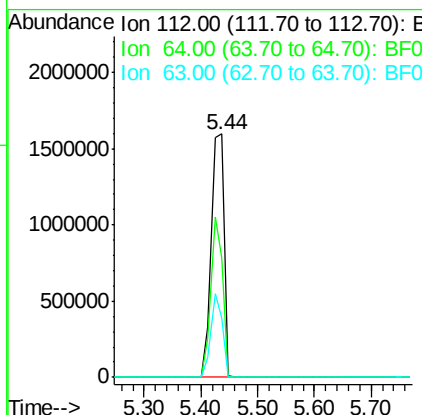
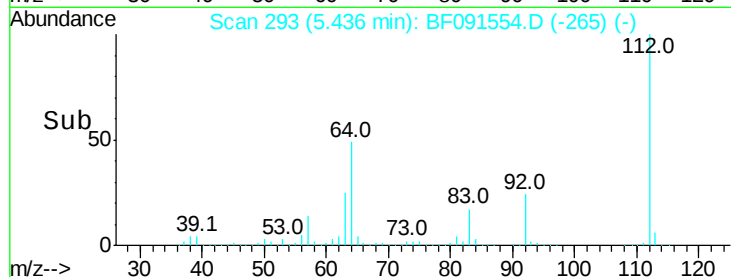
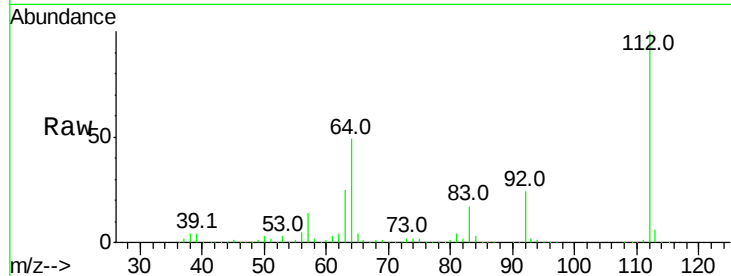
#5
 2-Fluorophenol
 Concen: 130.81 ng
 RT: 5.44 min Scan# 293
 Delta R.T. 0.02 min
 Lab File: BF091554.D
 Acq: 13 Dec 2016 15:22

Instrument :
 BNA_F
 ClientSampleId :
 SS08-0-2INMSD

Tot Ion: 112 Resp: 2424787
 Ion Ratio Lower Upper
 112 100
 64 48.8 61.5 92.3#
 63 24.6 33.3 49.9#

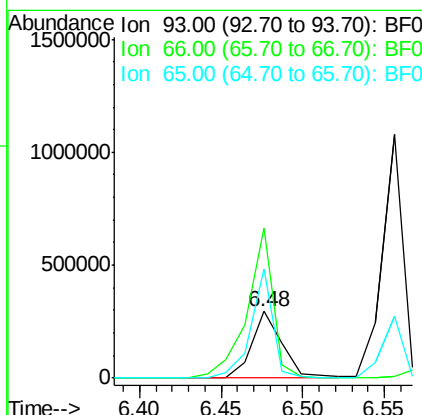
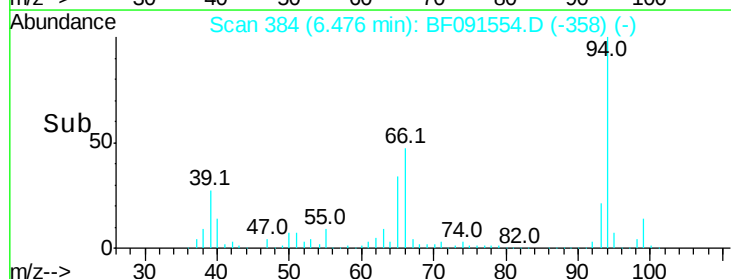
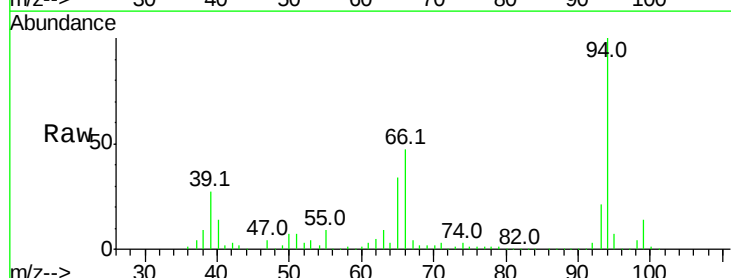
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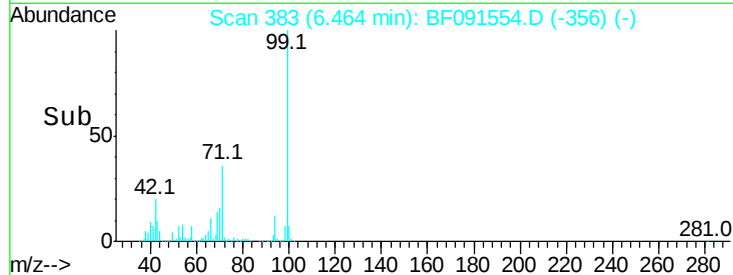
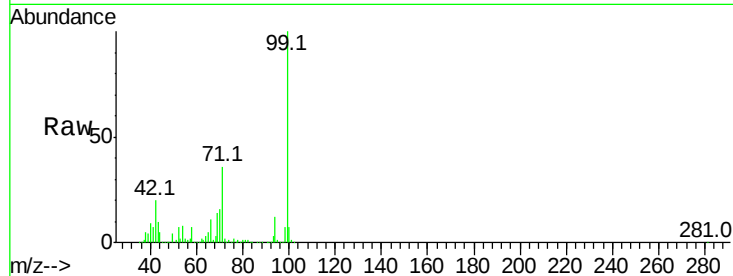
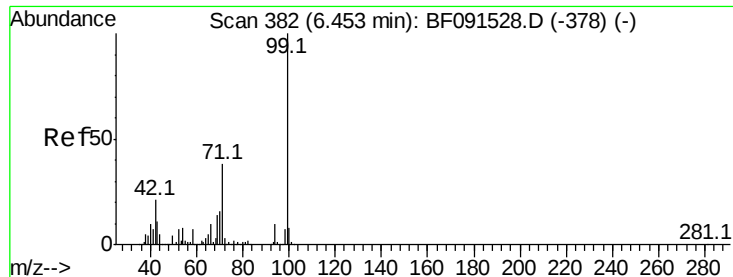
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#6
 Aniline
 Concen: 12.73 ng
 RT: 6.48 min Scan# 384
 Delta R.T. -0.00 min
 Lab File: BF091554.D
 Acq: 13 Dec 2016 15:22

Tgt Ion: 93 Resp: 385832
 Ion Ratio Lower Upper
 93 100
 66 225.9 55.8 83.6#
 65 163.2 29.9 44.9#





#7

Phenol-d6

Concen: 121.06 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

Tot Ion	99	Resp	2797551
Ion	Ratio	Lower	Upper
99	100		
42	20.0	20.6	31.0#
71	35.8	29.9	44.9

Instrument :

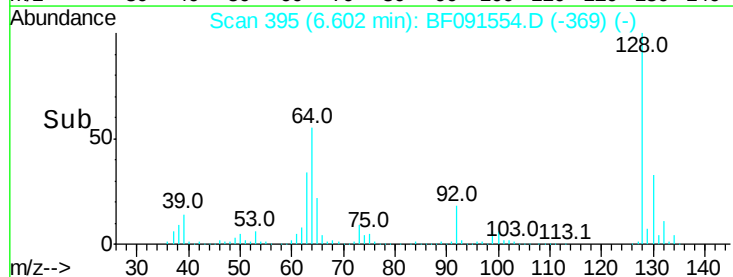
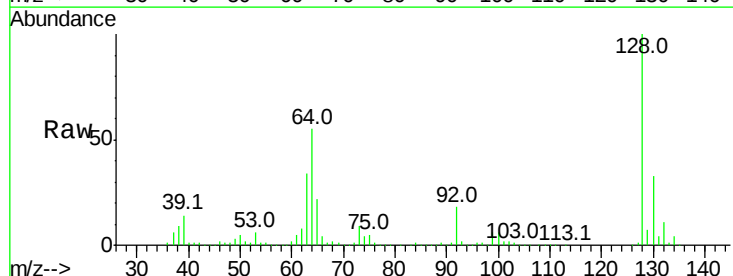
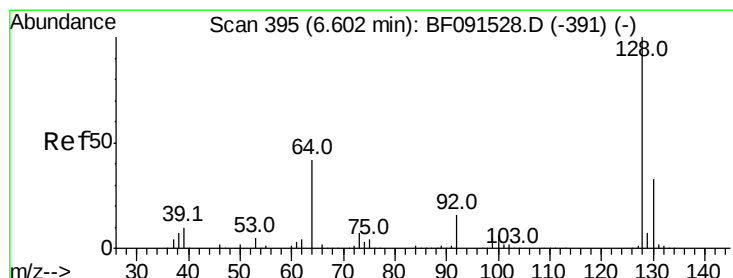
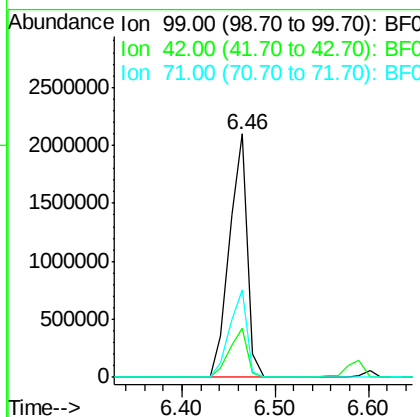
BNA_F

ClientSampleId :

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#8

2-Chlorophenol

Concen: 41.76 ng

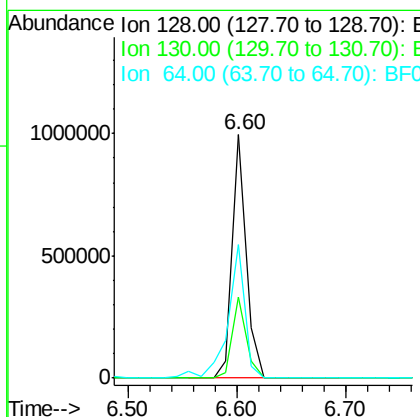
RT: 6.60 min Scan# 395

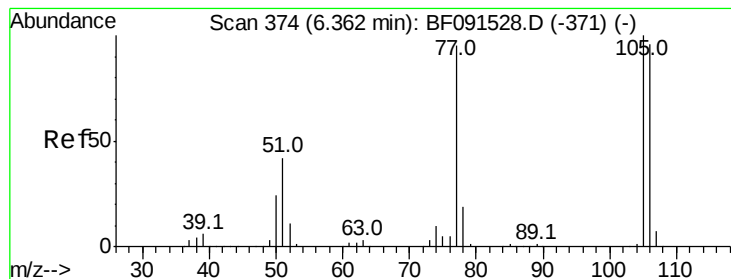
Delta R.T. -0.00 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

Tgt Ion	128	Resp	873639
Ion	Ratio	Lower	Upper
128	100		
130	33.2	13.1	53.1
64	54.7	24.1	64.1





#9

Benzaldehyde

Concen: 11.73 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

Instrument :

BNA_F

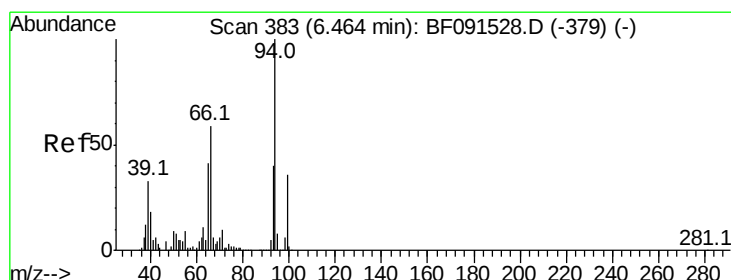
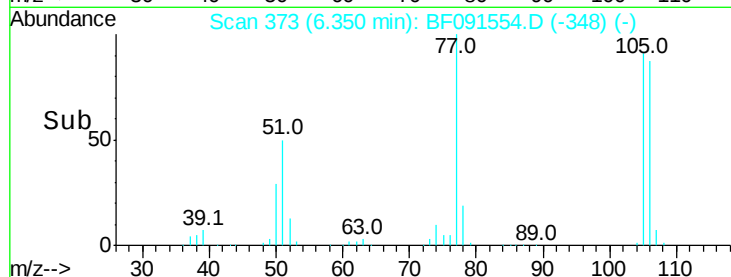
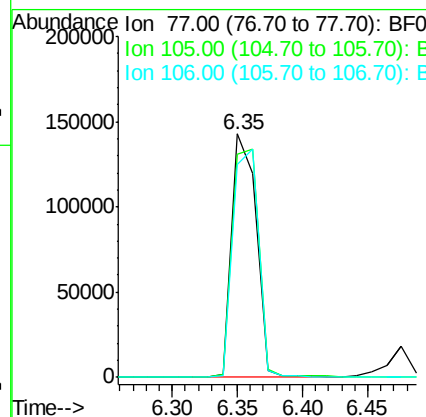
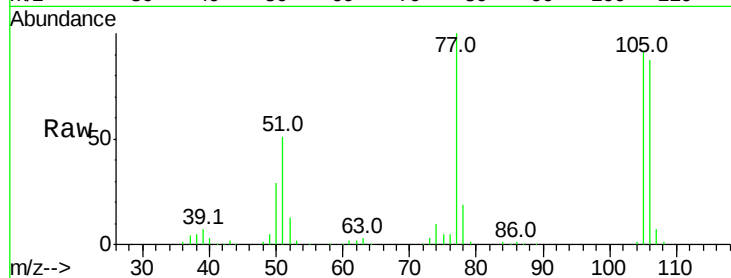
ClientSampleId :

SS08-0-2INMSD

Tot Ion:	77	Resp:	186476
Ion Ratio	Lower	Upper	
77	100		
105	91.5	66.4	106.4
106	87.3	60.9	100.9

Manual Integrations
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#10

Phenol

Concen: 44.43 ng

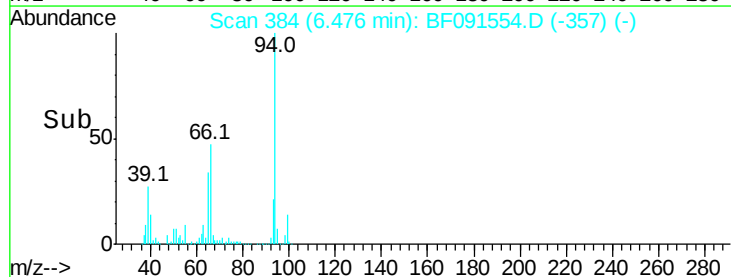
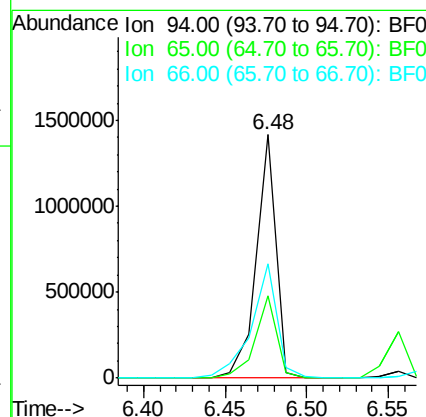
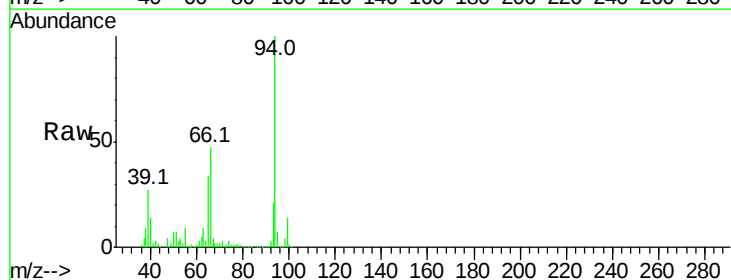
RT: 6.48 min Scan# 384

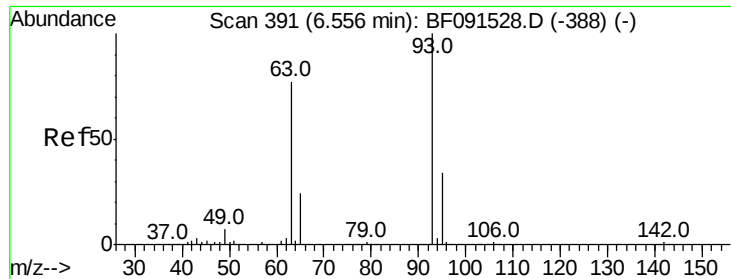
Delta R.T. 0.01 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

Tgt Ion:	94	Resp:	1200524
Ion Ratio	Lower	Upper	
94	100		
65	34.0	16.9	56.9
66	47.1	30.6	70.6





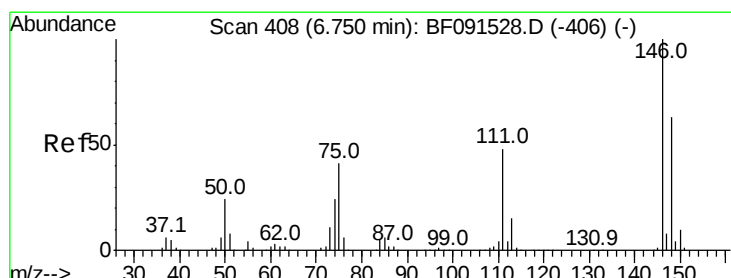
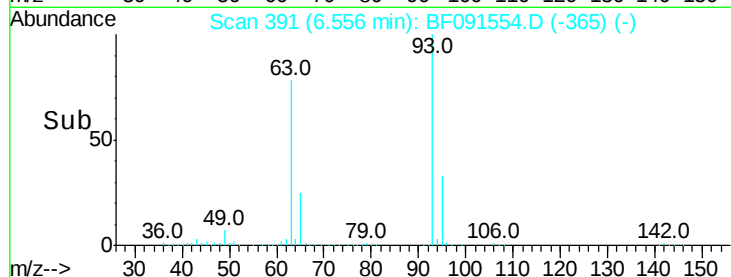
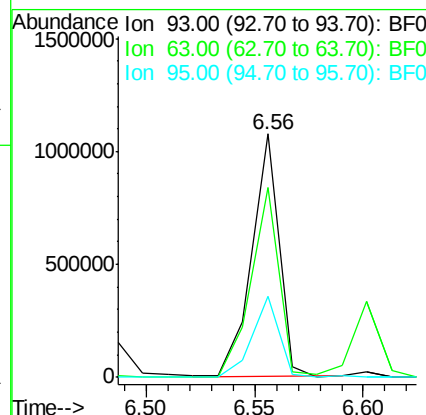
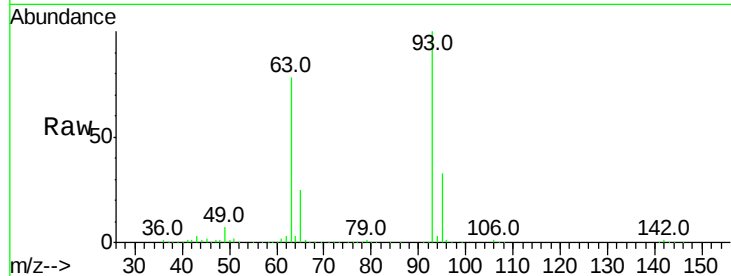
#11
bis(2-Chloroethyl)ether
Concen: 45.87 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.00 min
Lab File: BF091554.D
Acq: 13 Dec 2016 15:22

Instrument :
BNA_F
ClientSampleId :
SS08-0-2INMSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	931061		
63	77.8		74.8	114.8
95	33.1		12.4	52.4

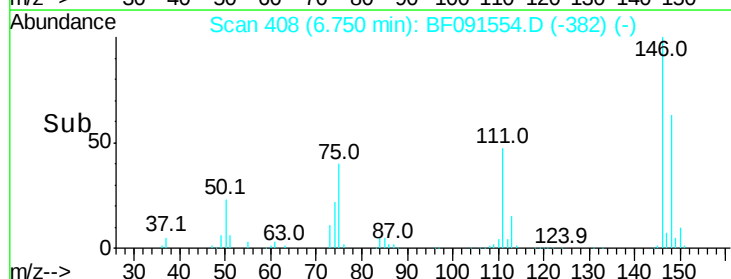
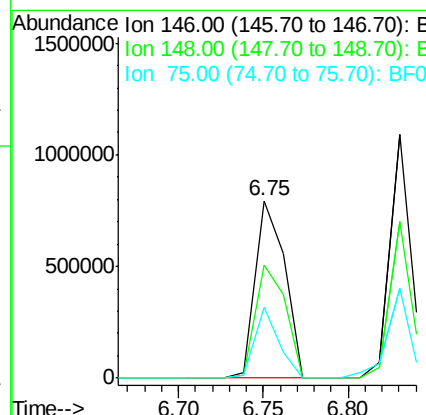
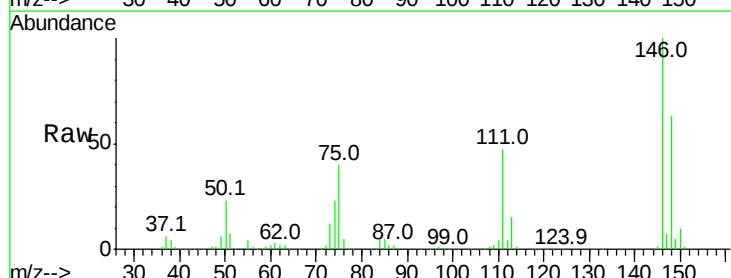
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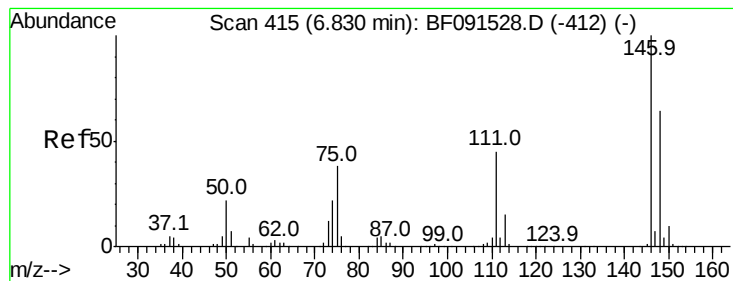
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#12
1,3-Dichlorobenzene
Concen: 41.60 ng m
RT: 6.75 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF091554.D
Acq: 13 Dec 2016 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	943955		
148	63.4		51.4	77.0
75	39.8		23.6	35.4#





#13

1,4-Dichlorobenzene

Concen: 41.99 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

Instrument :

BNA_F

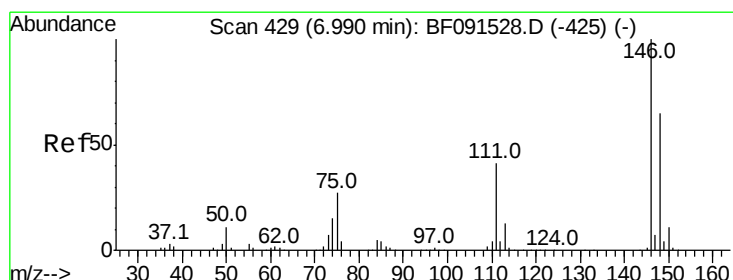
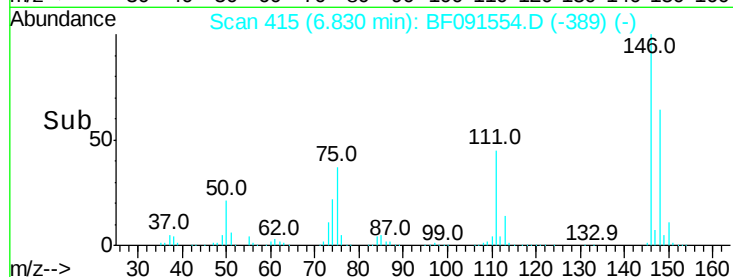
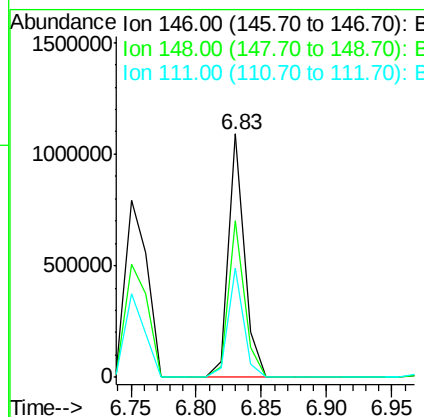
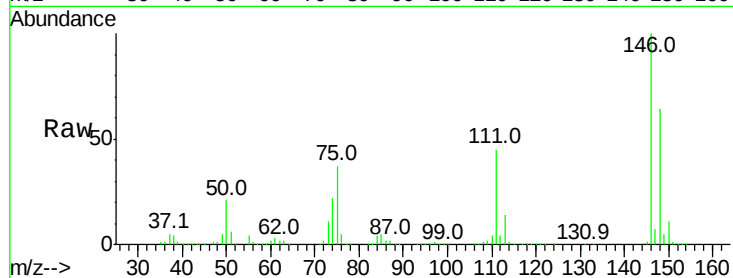
ClientSampleId :

SS08-0-2INMSD

Tot Ion:	146	Resp:	939735
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.4	77.0
111	44.9	32.2	48.2

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#14

1,2-Dichlorobenzene

Concen: 45.46 ng

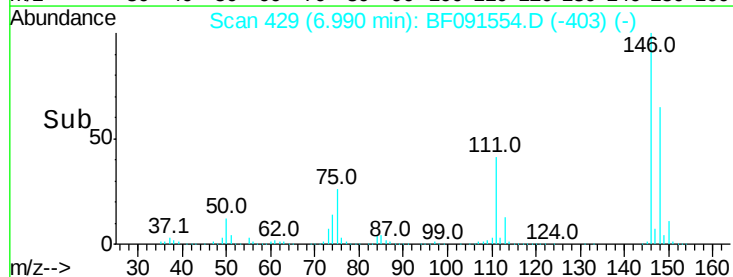
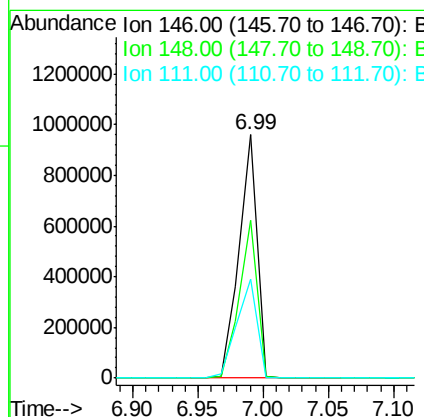
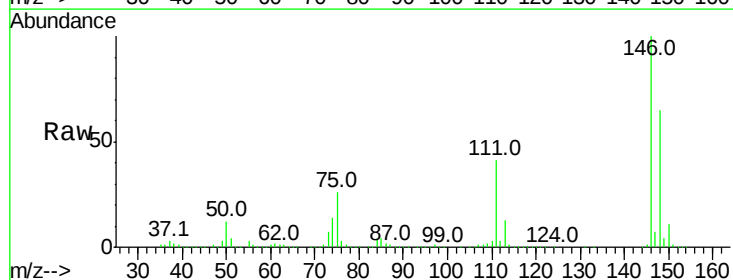
RT: 6.99 min Scan# 429

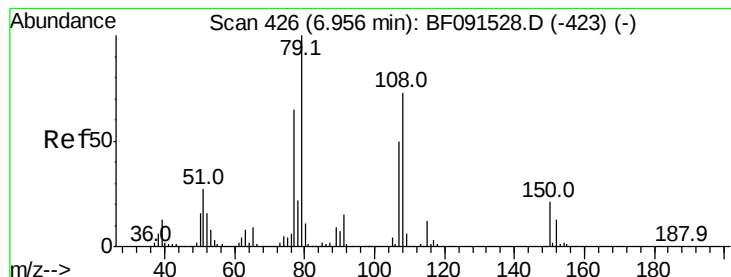
Delta R.T. -0.00 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

Tgt Ion:	146	Resp:	916698
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.0	76.6
111	40.7	38.9	58.3





#15

Benzyl Alcohol

Concen: 44.19 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.01 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

Instrument :

BNA_F

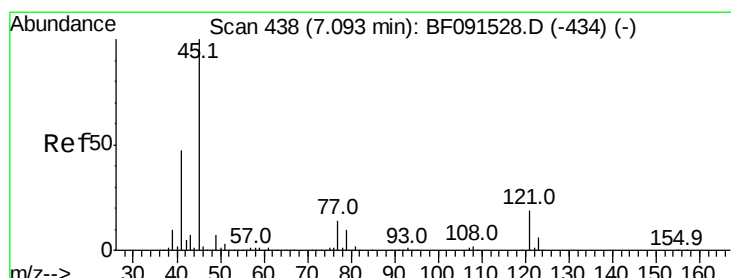
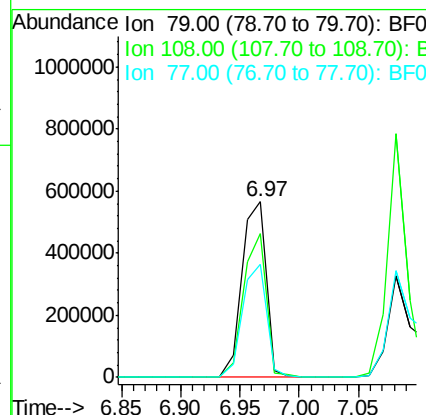
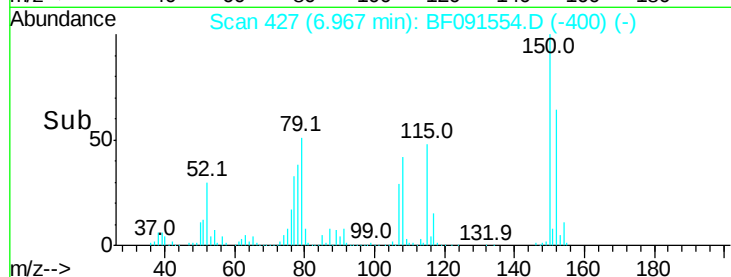
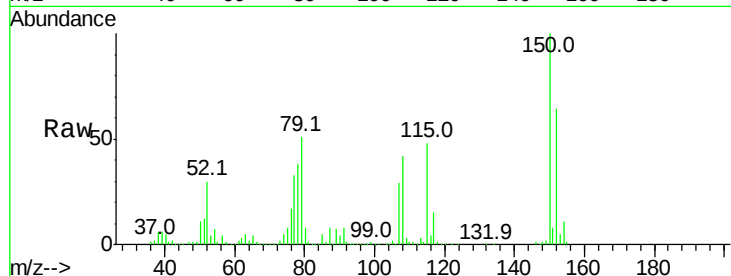
ClientSampleId :

SS08-0-2INMSD

Tot Ion:	79	Resp:	806349
Ion Ratio	Lower	Upper	
79	100		
108	81.9	62.7	94.1
77	64.7	51.7	77.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 44.39 ng

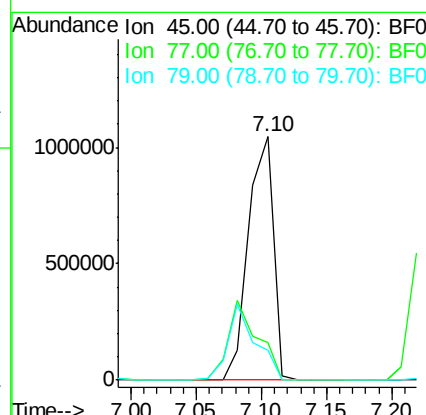
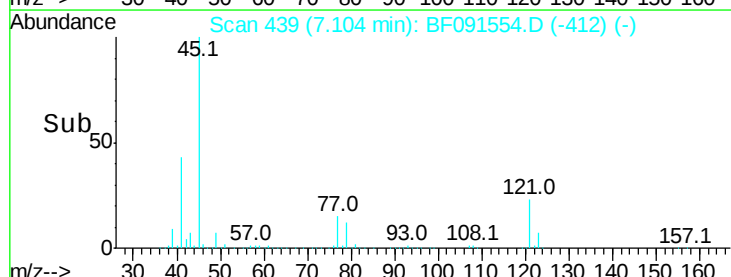
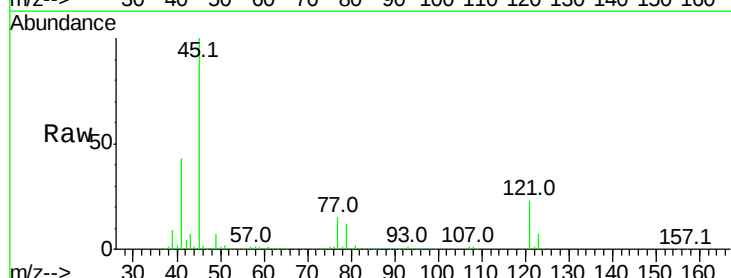
RT: 7.10 min Scan# 439

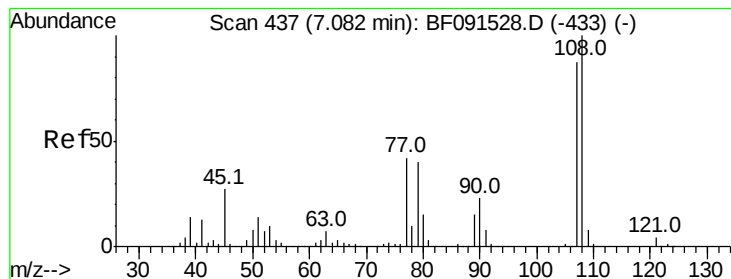
Delta R.T. 0.01 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

Tgt Ion:	45	Resp:	1396358
Ion Ratio	Lower	Upper	
45	100		
77	15.2	3.8	43.8
79	12.1	0.2	40.2





#17

2-Methylphenol

Concen: 43.44 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.00 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

Instrument :

BNA_F

ClientSampleId :

SS08-0-2INMSD

Tot Ion:107 Resp: 751980

Ion Ratio Lower Upper

107 100

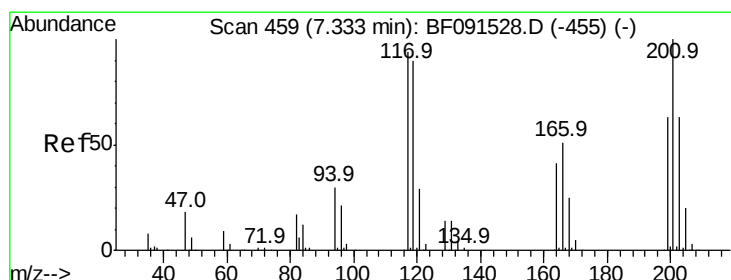
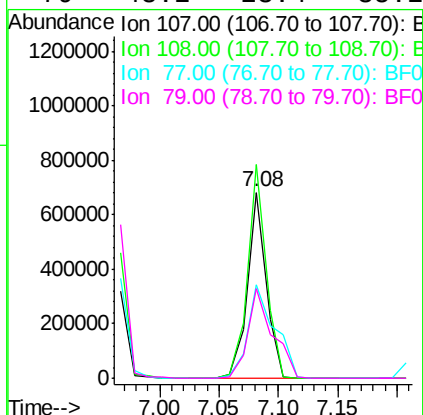
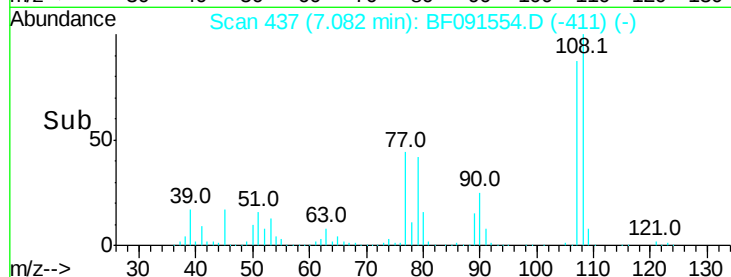
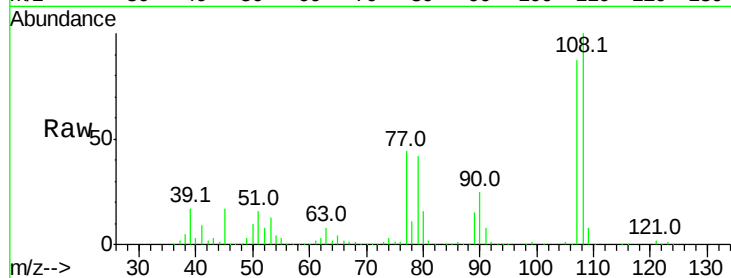
108 115.0 67.7 101.5#

77 50.1 40.7 61.1

79 48.2 23.4 35.2#

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#18

Hexachloroethane

Concen: 43.23 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

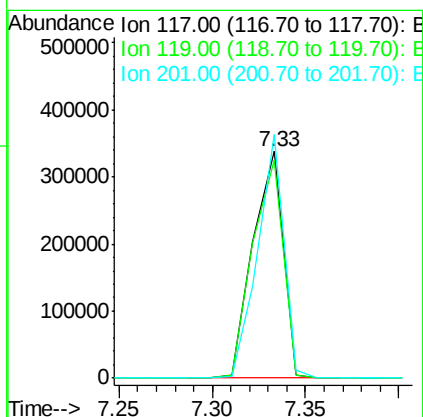
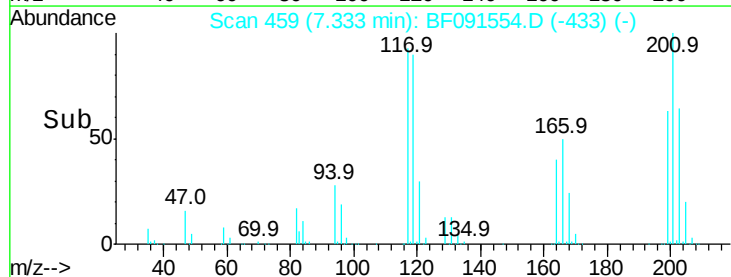
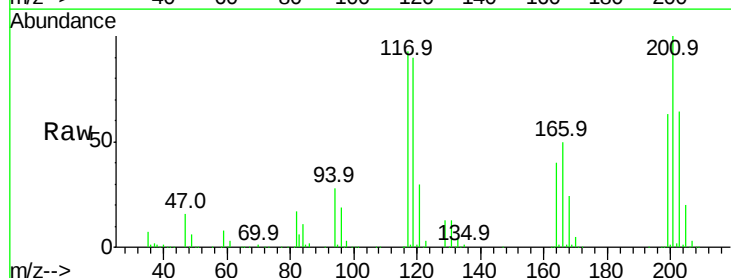
Tgt Ion:117 Resp: 377534

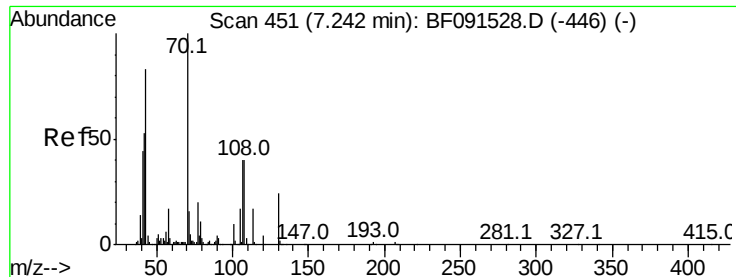
Ion Ratio Lower Upper

117 100

119 96.3 78.6 118.0

201 107.5 86.7 130.1





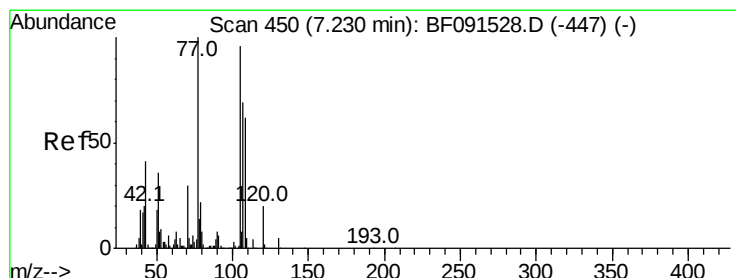
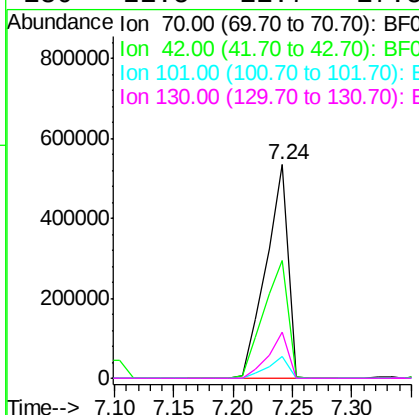
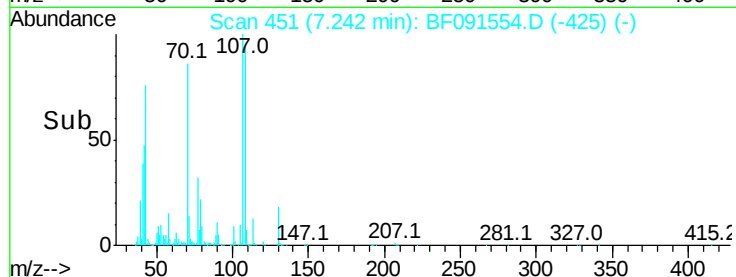
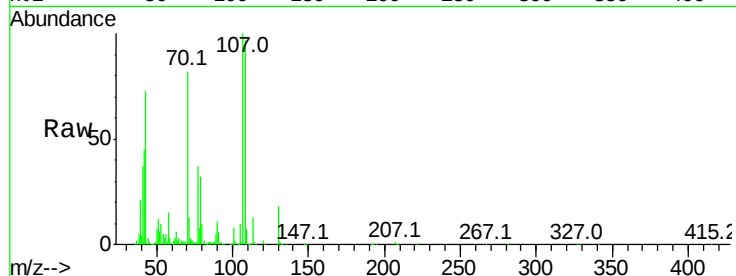
#19
n-Nitroso-di-n-propylamine
Concen: 48.31 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF091554.D
Acq: 13 Dec 2016 15:22

Instrument :
BNA_F
ClientSampleId :
SS08-0-2INMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	55.4	64.8	97.2#		
101	10.0	6.2	9.4#		
130	21.5	11.7	17.5#		

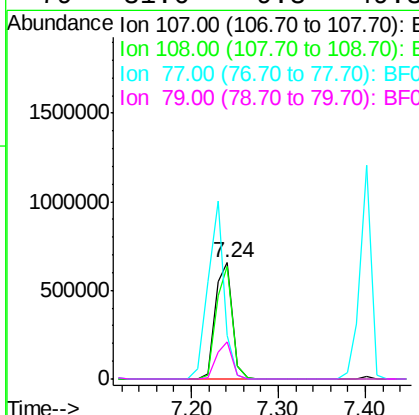
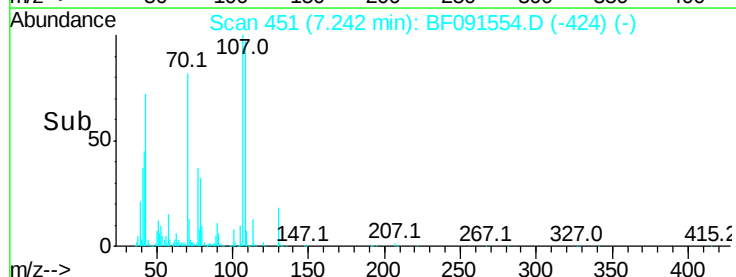
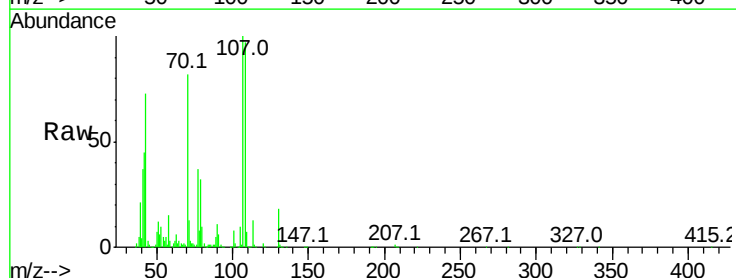
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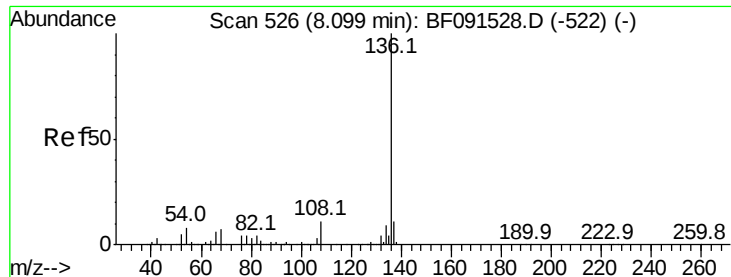
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#20
3+4-Methylphenols
Concen: 48.42 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.01 min
Lab File: BF091554.D
Acq: 13 Dec 2016 15:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	97.1	64.6	104.6		
77	37.1	30.9	70.9		
79	31.6	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: BF091554.D

Acq: 13 Dec 2016 15:22

Instrument :

BNA_F

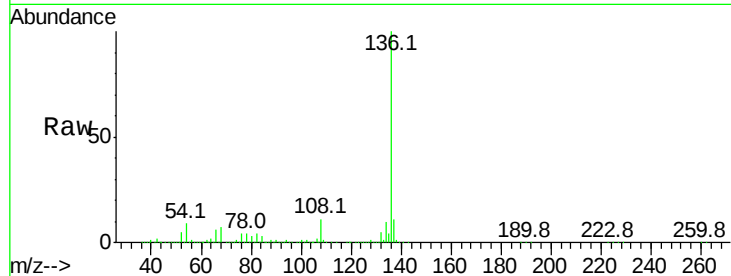
ClientSampleId :

SS08-0-2INMSD

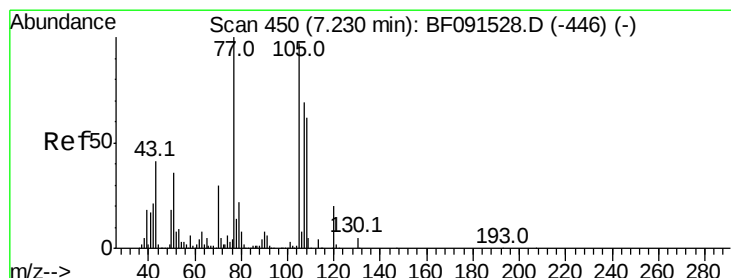
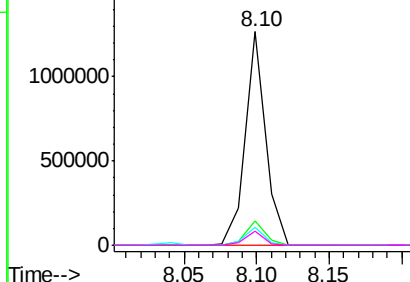
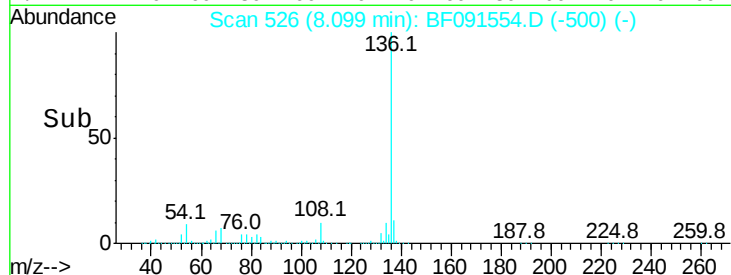
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.5	9.1	13.7#
68	6.6	5.9	8.9

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Abundance Ion 136.00 (135.70 to 136.70): E
2000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 44.74 ng

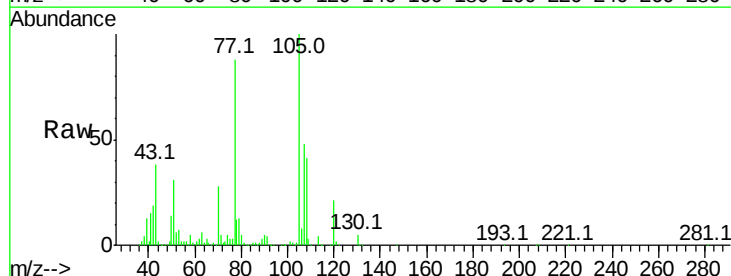
RT: 7.23 min Scan# 450

Delta R.T. -0.00 min

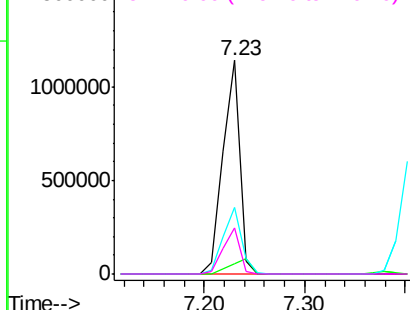
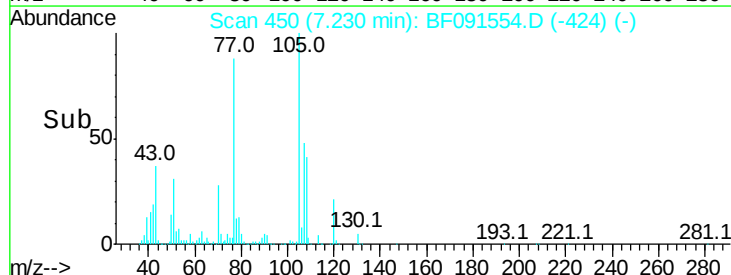
Lab File: BF091554.D

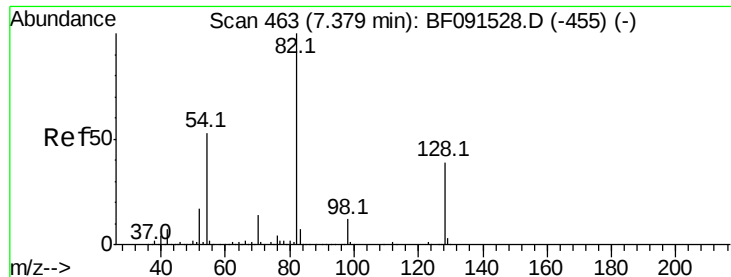
Acq: 13 Dec 2016 15:22

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.9	7.9	11.9#
51	30.9	24.5	36.7
120	21.4	16.6	24.8



Abundance Ion 105.00 (104.70 to 105.70): E
1500000
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





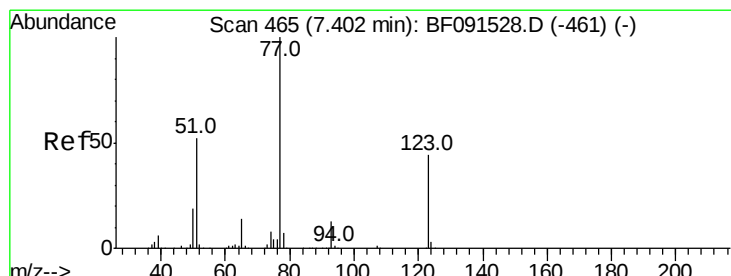
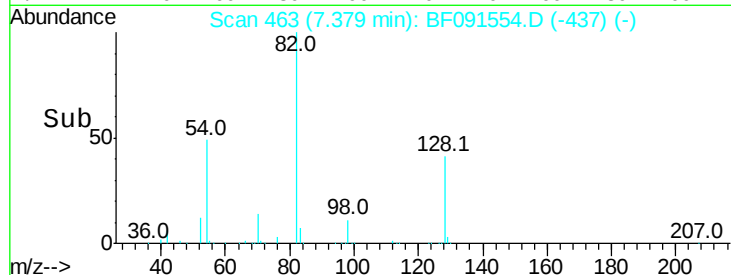
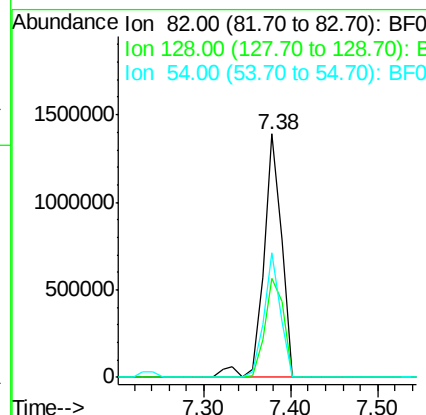
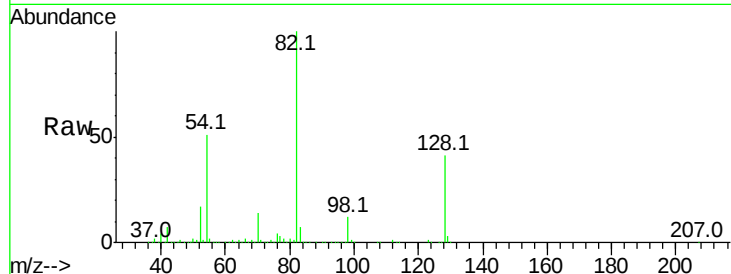
#23
 Nitrobenzene-d5
 Concen: 90.26 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF091554.D
 Acq: 13 Dec 2016 15:22

Instrument :
 BNA_F
 ClientSampleId :
 SS08-0-2INMSD

Tot Ion: 82 Resp: 1996525
 Ion Ratio Lower Upper
 82 100
 128 40.7 31.8 47.6
 54 51.2 49.1 73.7

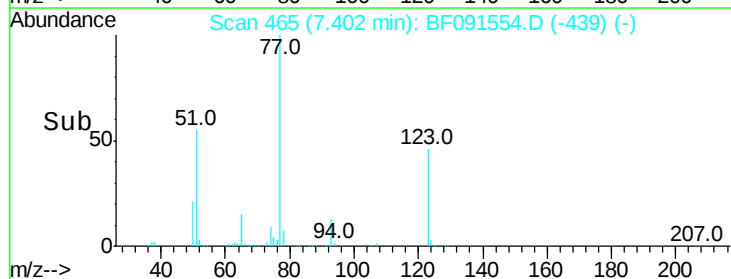
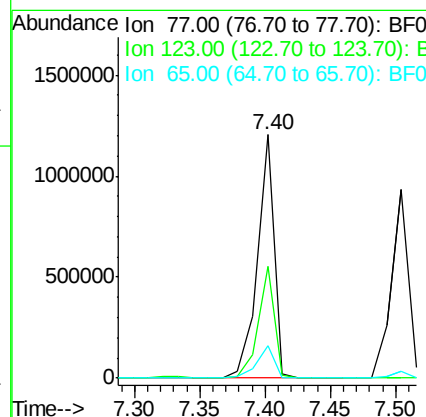
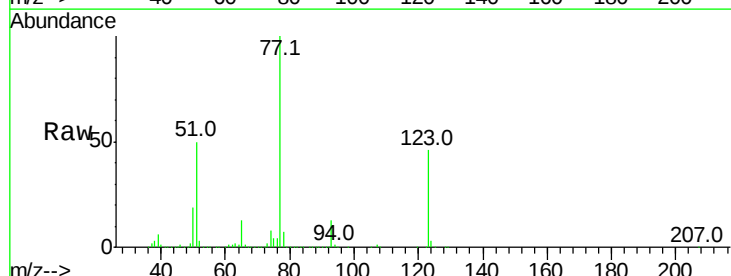
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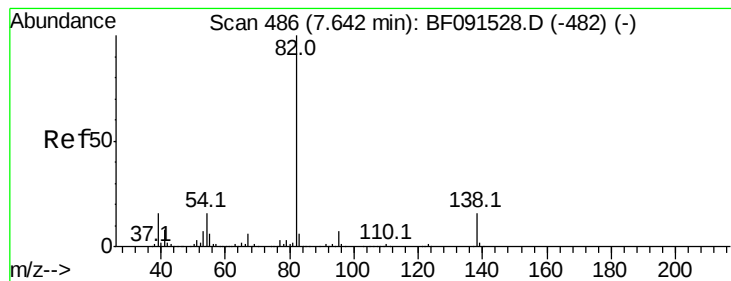
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#24
 Nitrobenzene
 Concen: 46.10 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: BF091554.D
 Acq: 13 Dec 2016 15:22

Tgt Ion: 77 Resp: 1077464
 Ion Ratio Lower Upper
 77 100
 123 45.8 28.5 42.7#
 65 13.5 12.5 18.7





#25

Isophorone

Concen: 45.83 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

Instrument :

BNA_F

ClientSampleId :

SS08-0-2INMSD

Tot Ion: 82 Resp: 1802195

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

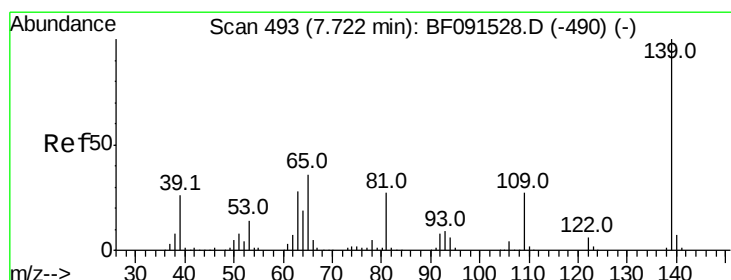
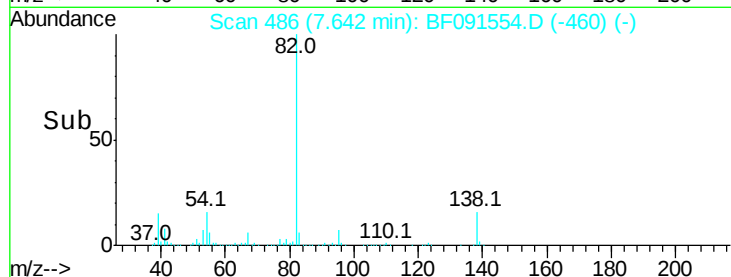
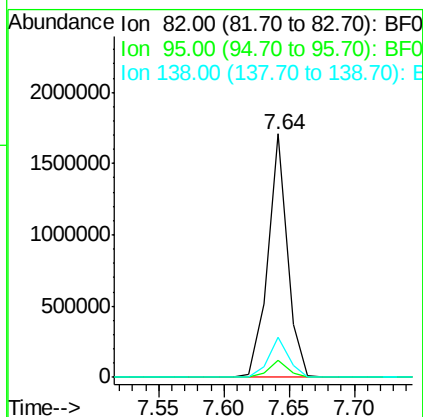
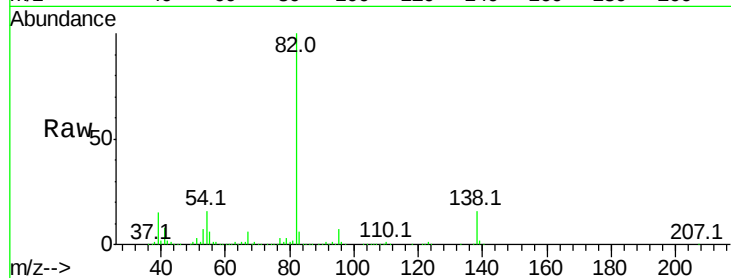
138 16.3 13.4 20.0

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#26

2-Nitrophenol

Concen: 51.53 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

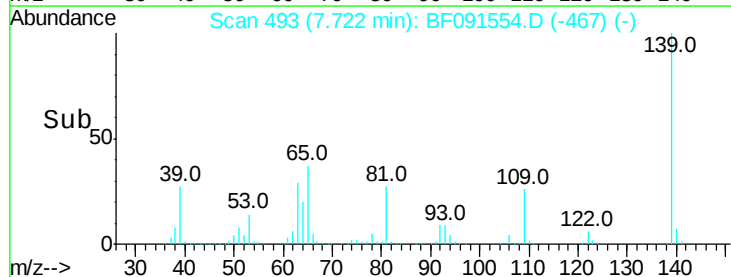
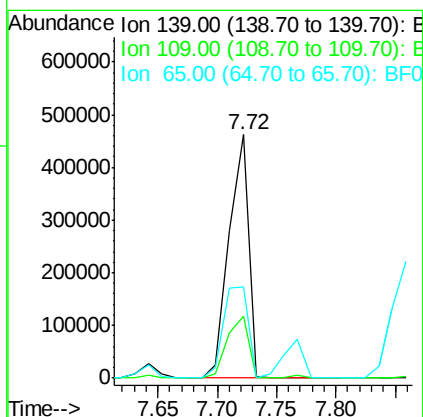
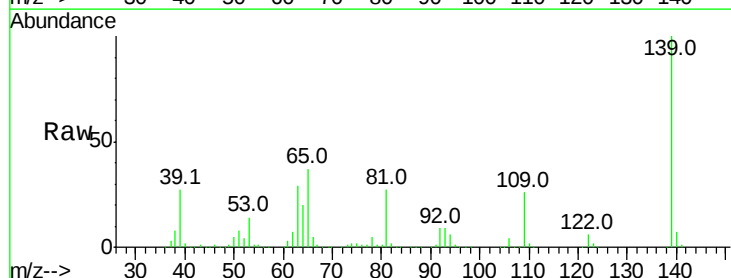
Tgt Ion: 139 Resp: 531460

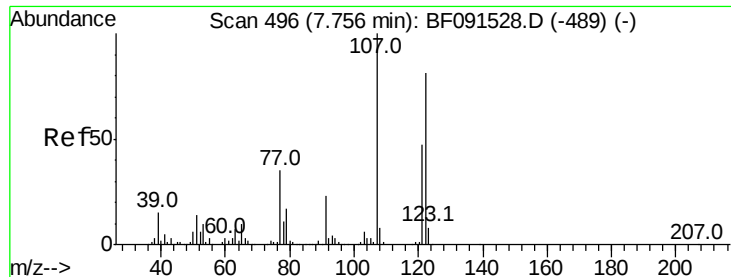
Ion Ratio Lower Upper

139 100

109 25.7 25.3 37.9

65 37.3 55.4 83.2#





#27

2,4-Dimethylphenol

Concen: 49.00 ng

RT: 7.77 min Scan# 497

Delta R.T. 0.01 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

Instrument :

BNA_F

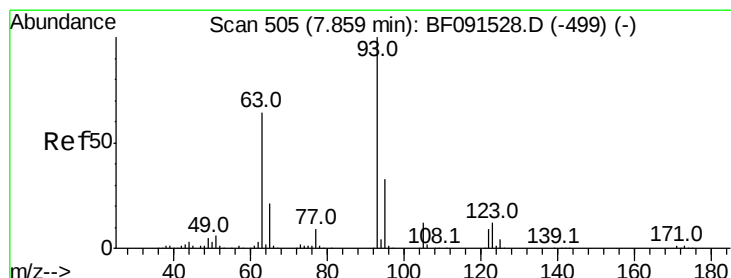
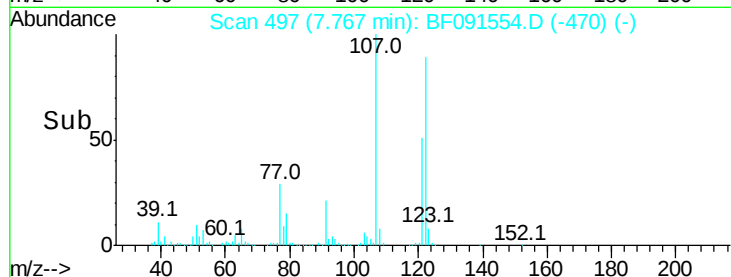
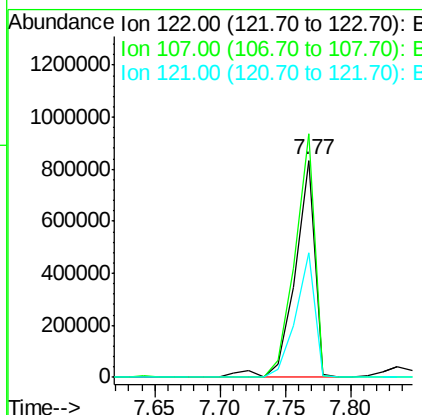
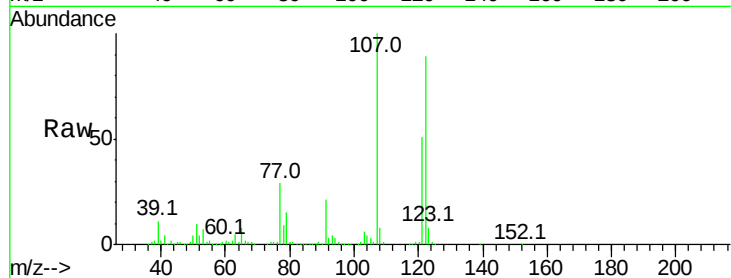
ClientSampleId :

SS08-0-2INMSD

Tot Ion:	122	Resp:	887631
Ion Ratio	Lower	Upper	
122	100		
107	112.2	96.8	145.2
121	57.3	47.7	71.5

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#28

bis(2-Chloroethoxy)methane

Concen: 52.93 ng

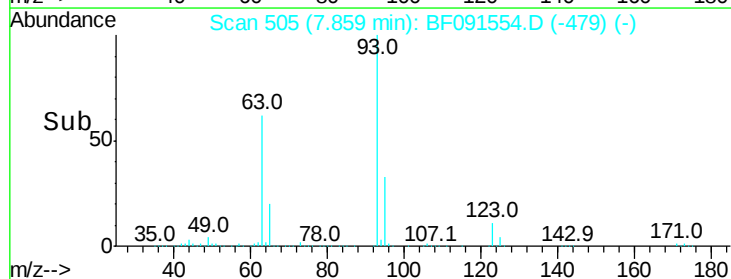
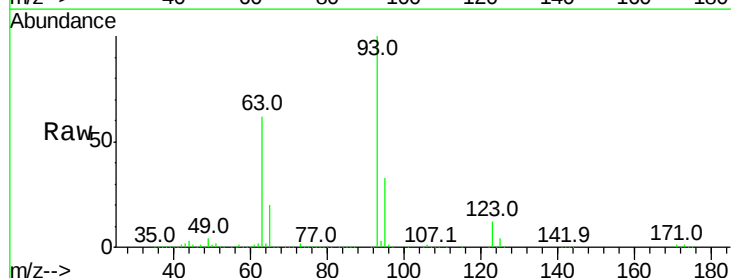
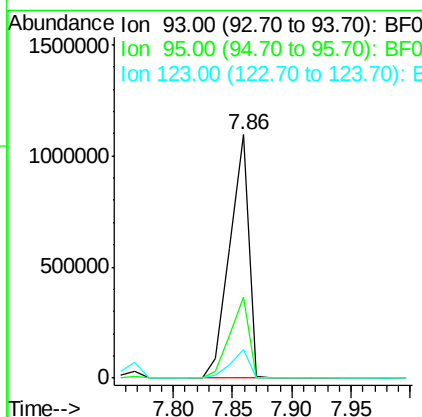
RT: 7.86 min Scan# 505

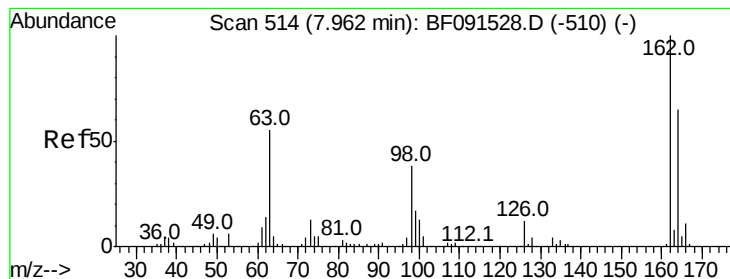
Delta R.T. -0.00 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

Tgt Ion:	93	Resp:	1220715
Ion Ratio	Lower	Upper	
93	100		
95	33.4	26.0	39.0
123	11.5	8.6	12.8





#29

2,4-Dichlorophenol

Concen: 44.58 ng

RT: 7.96 min Scan# 514

Delta R.T. -0.00 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

Instrument :

BNA_F

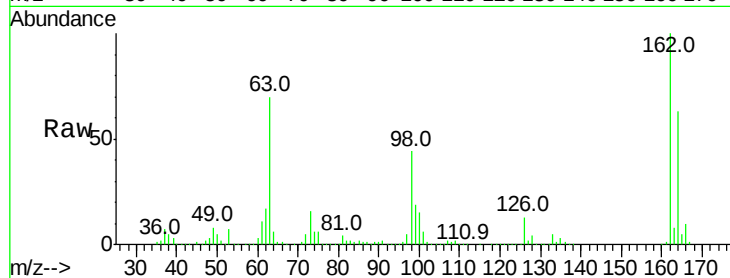
ClientSampleId :

SS08-0-2INMSD

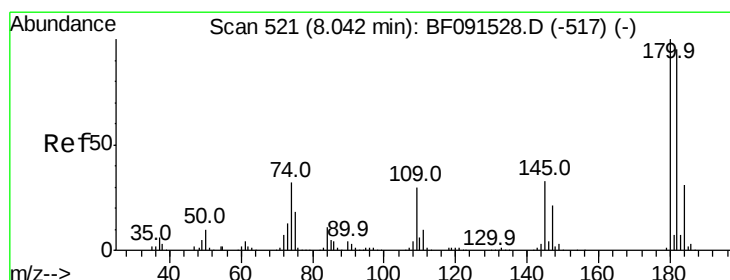
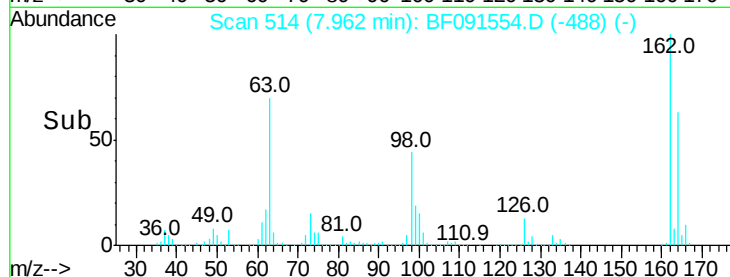
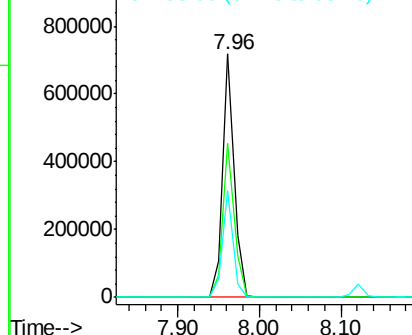
Tot Ion:	162	Resp:	702636
Ion Ratio	Lower	Upper	
162	100		
164	63.2	45.0	85.0
98	43.7	21.3	61.3

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



#30

1,2,4-Trichlorobenzene

Concen: 43.35 ng

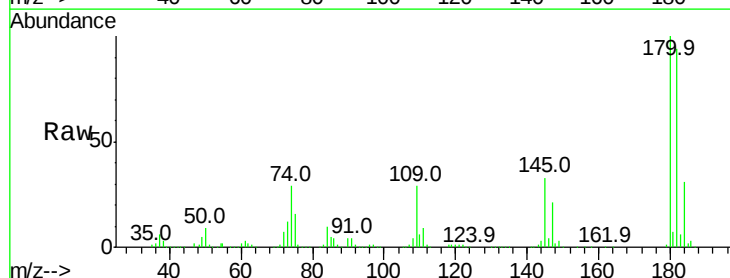
RT: 8.04 min Scan# 521

Delta R.T. -0.00 min

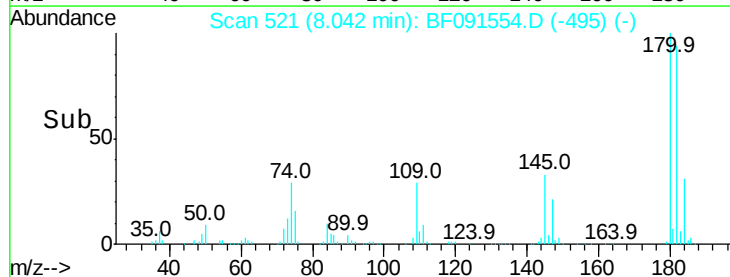
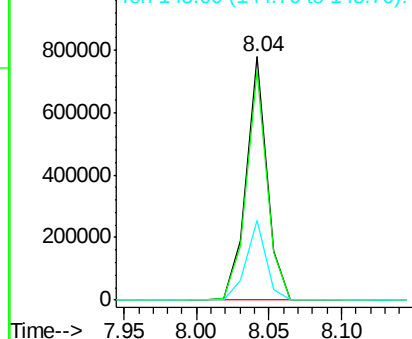
Lab File: BF091554.D

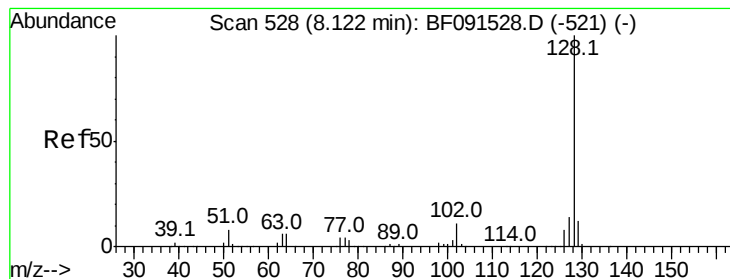
Acq: 13 Dec 2016 15:22

Tgt Ion:	180	Resp:	776502
Ion Ratio	Lower	Upper	
180	100		
182	94.4	75.8	113.8
145	32.6	27.0	40.4



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





#31

Naphthalene

Concen: 41.27 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

Instrument :

BNA_F

ClientSampleId :

SS08-0-2INMSD

Tot Ion:128 Resp: 2370783

Ion Ratio Lower Upper

128 100

129 11.9 9.1 13.7

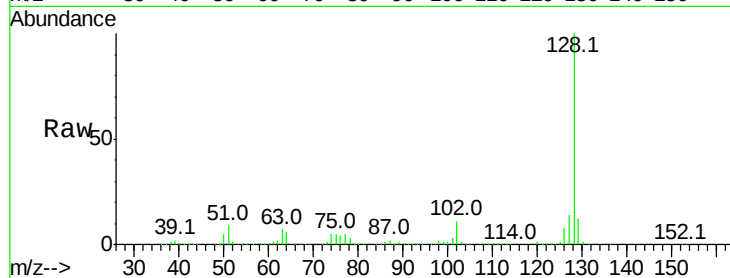
127 13.6 11.0 16.4

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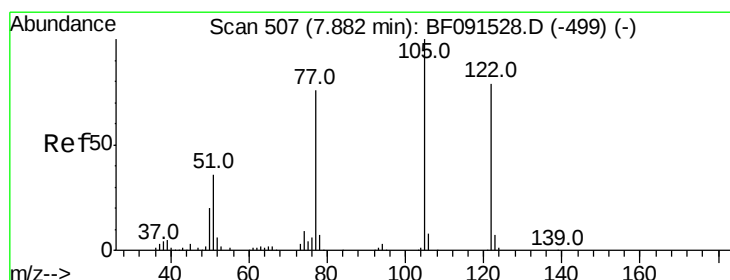
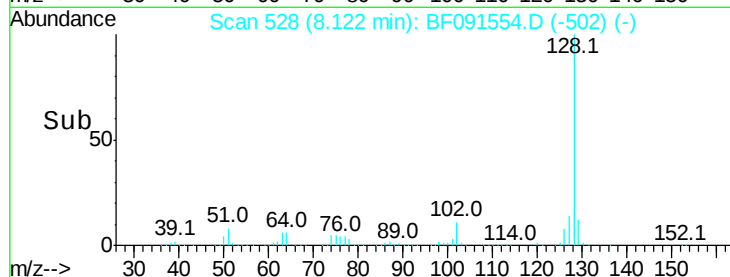
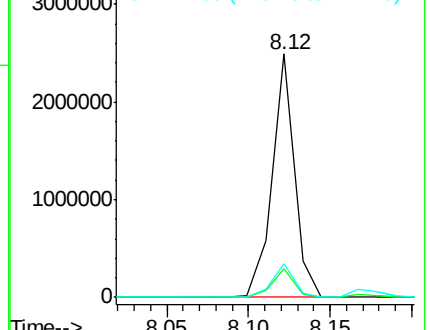
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 10.16 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.04 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

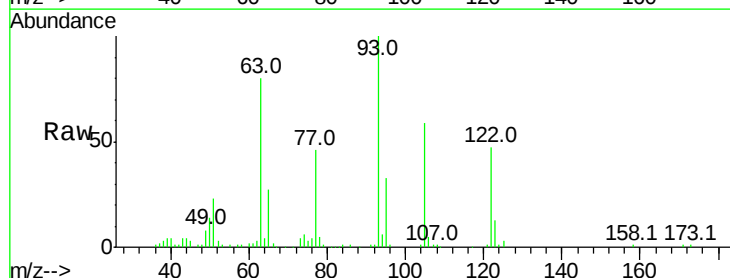
Tgt Ion:122 Resp: 76203

Ion Ratio Lower Upper

122 100

105 125.1 113.0 153.0

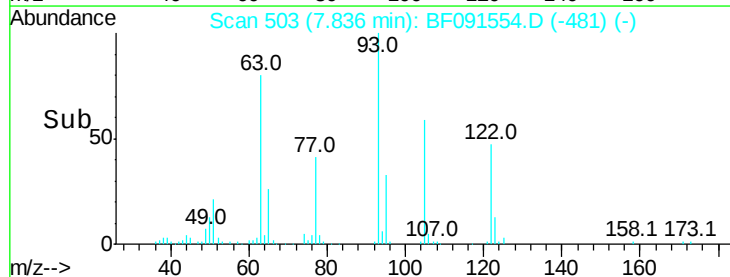
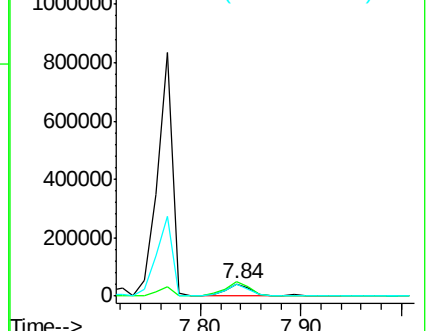
77 97.8 82.0 122.0

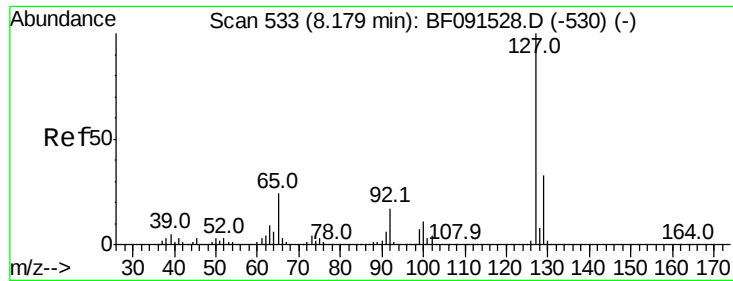


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





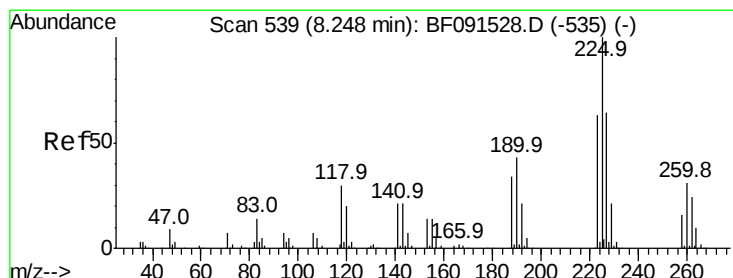
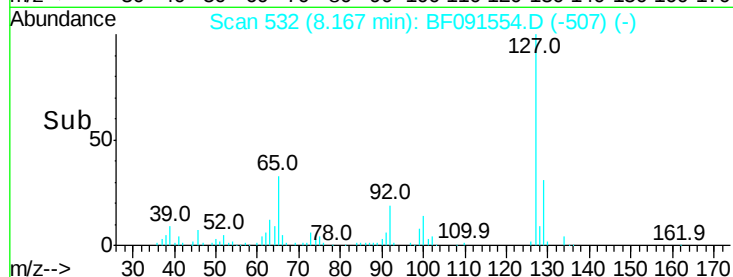
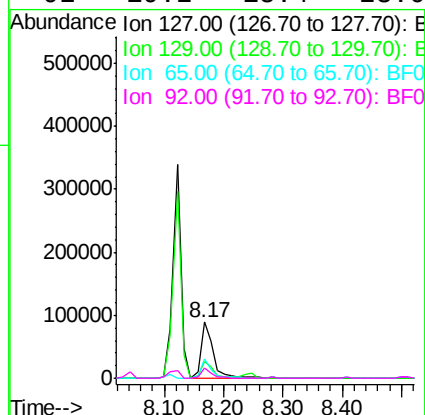
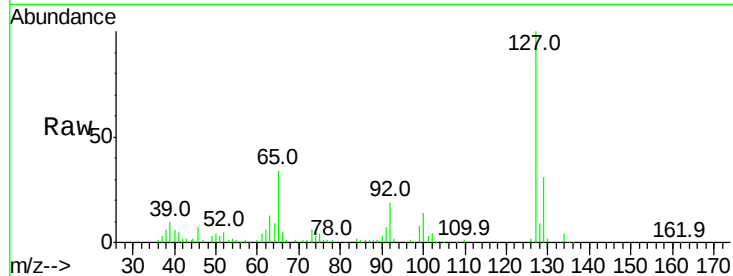
#33
4-Chloroaniline
Concen: 5.46 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF091554.D
Acq: 13 Dec 2016 15:22

Instrument :
BNA_F
ClientSampleId :
SS08-0-2INMSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.7	26.2	39.4	
65	34.0	26.6	39.8	
92	19.2	15.4	23.0	

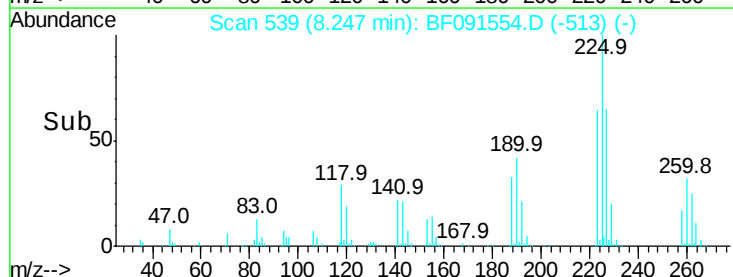
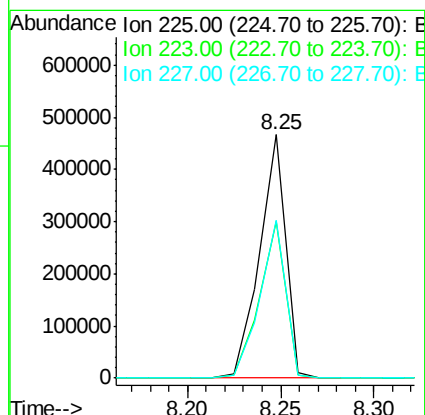
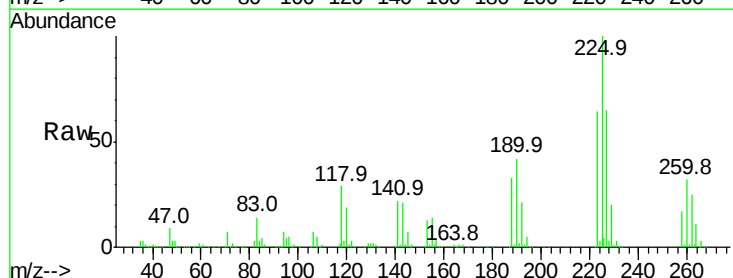
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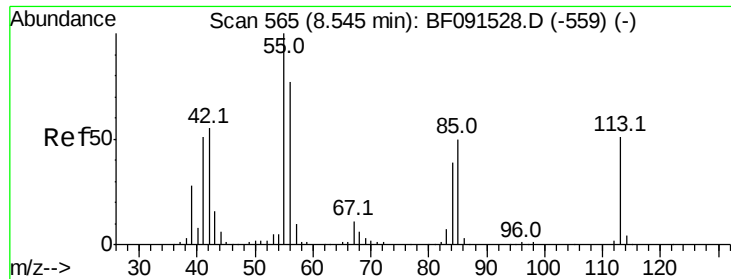
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#34
Hexachlorobutadiene
Concen: 43.72 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF091554.D
Acq: 13 Dec 2016 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.1	49.8	74.6	
227	64.8	52.6	79.0	





#35

Caprolactam

Concen: 49.70 ng/ml

RT: 8.54 min Scan# 565

Delta R.T. -0.00 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

Instrument :

BNA_F

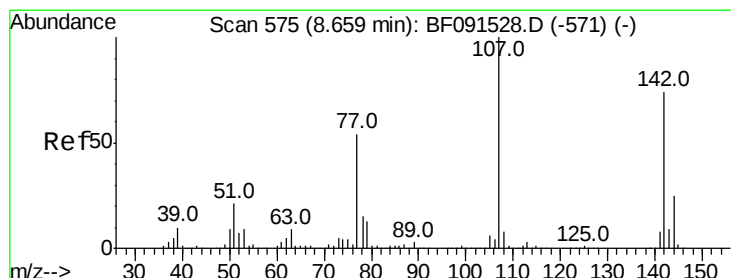
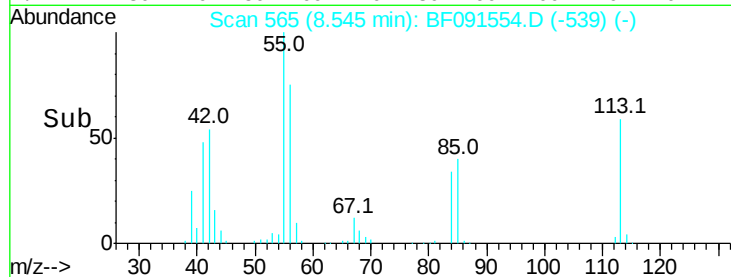
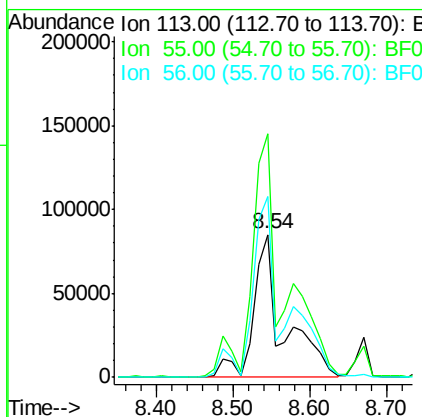
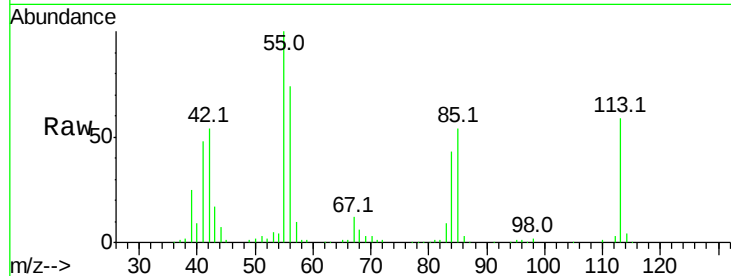
ClientSampleId :

SS08-0-2INMSD

Tot Ion:	113	Resp:	228766
Ion Ratio	Lower	Upper	
113	100		
55	170.2	239.8	279.8#
56	126.6	165.6	205.6#

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#36

4-Chloro-3-methylphenol

Concen: 48.19 ng/ml

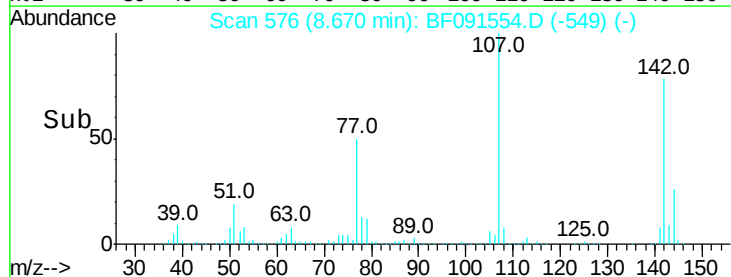
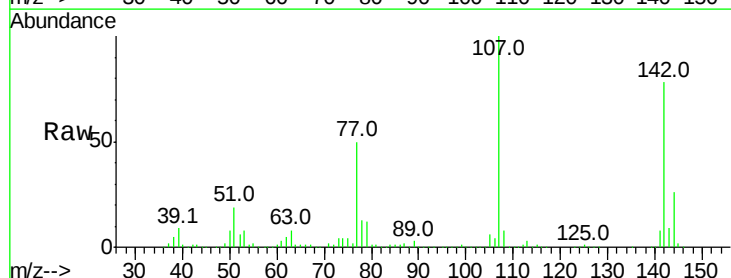
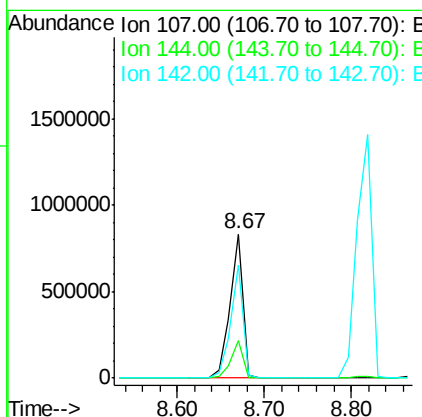
RT: 8.67 min Scan# 576

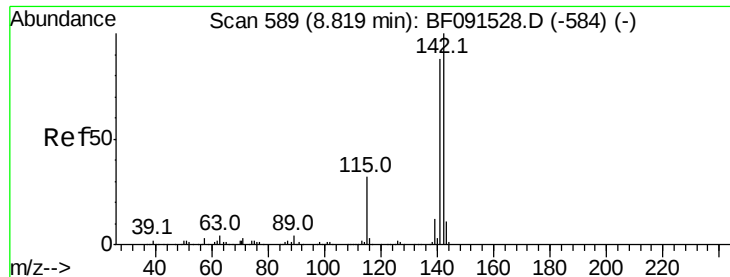
Delta R.T. 0.01 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

Tgt Ion:	107	Resp:	851939
Ion Ratio	Lower	Upper	
107	100		
144	25.6	18.9	28.3
142	78.1	58.5	87.7





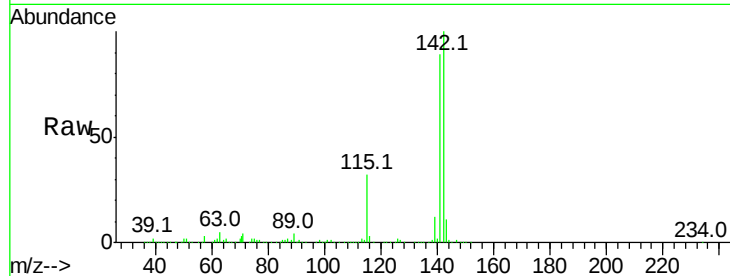
#37
2-Methylnaphthalene
Concen: 45.39 ng
RT: 8.82 min Scan# 589
Delta R.T. -0.00 min
Lab File: BF091554.D
Acq: 13 Dec 2016 15:22

Instrument :
BNA_F
ClientSampleId :
SS08-0-2INMSD

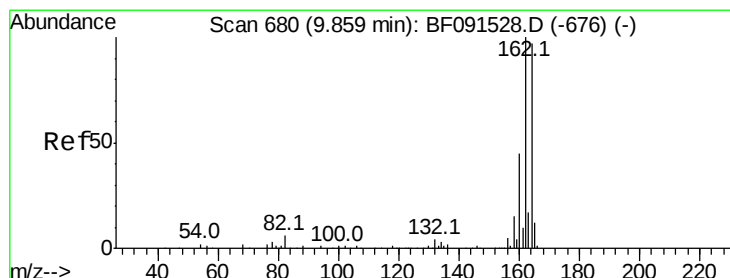
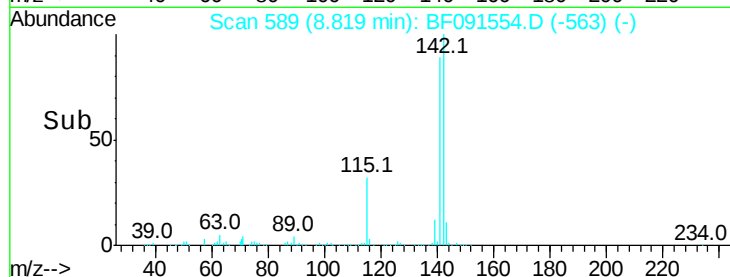
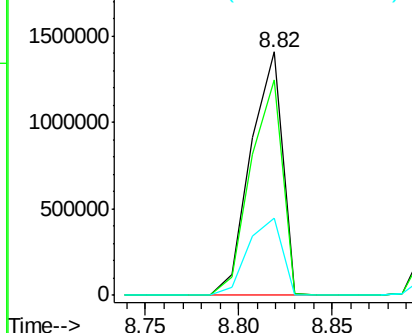
Tot Ion:142 Resp: 1687600
Ion Ratio Lower Upper
142 100
141 88.7 71.7 107.5
115 31.9 25.0 37.6

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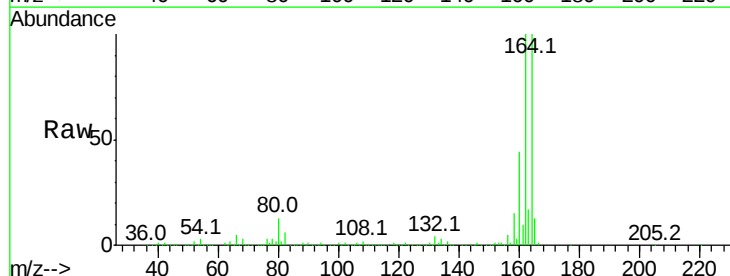


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

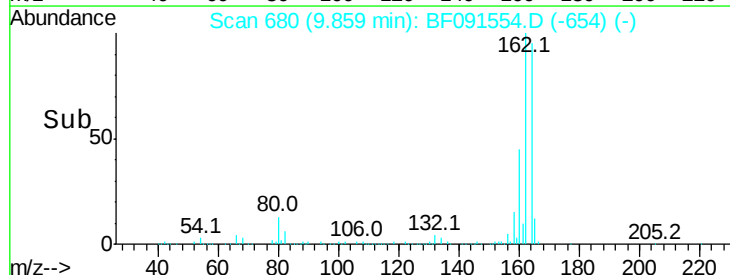
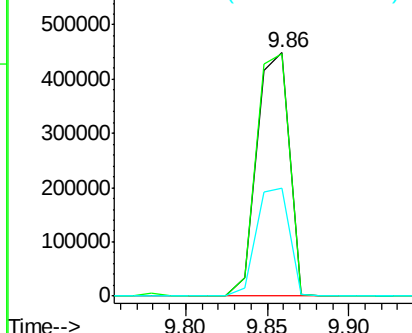


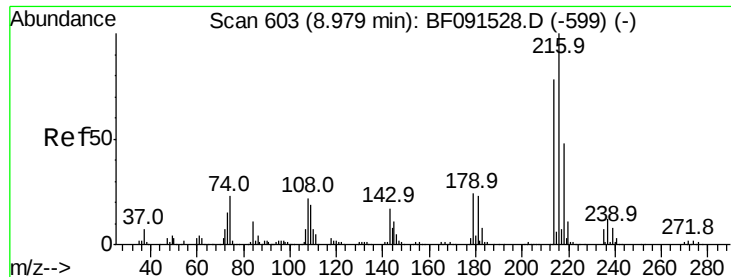
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF091554.D
Acq: 13 Dec 2016 15:22

Tgt Ion:164 Resp: 618287
Ion Ratio Lower Upper
164 100
162 99.6 82.6 124.0
160 44.4 36.7 55.1



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.41 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

Instrument :

BNA_F

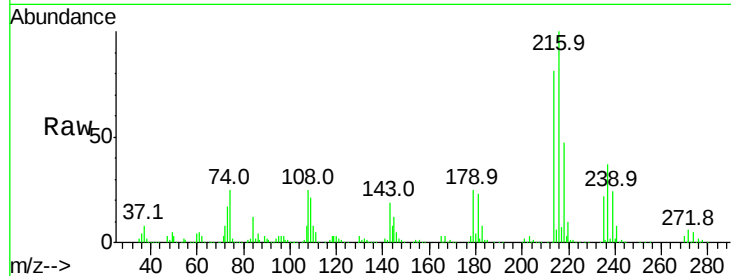
ClientSampleId :

SS08-0-2INMSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	634356		
214	80.3	63.8	95.8	
179	23.6	18.2	27.2	
108	25.7	17.2	25.8	

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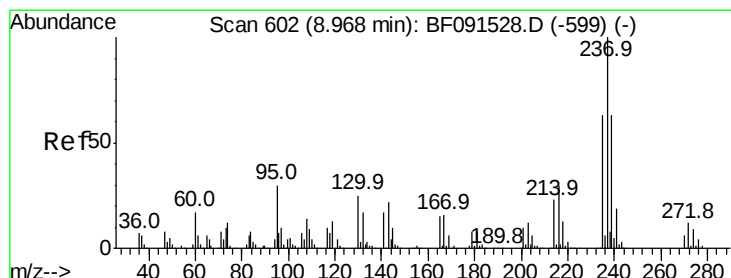
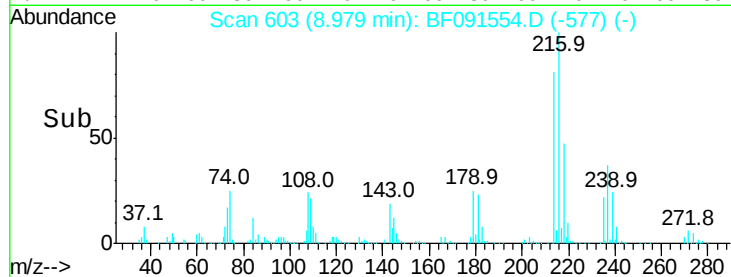
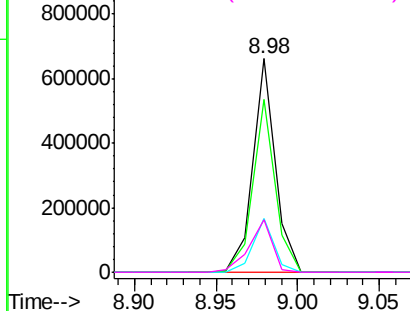
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 82.42 ng

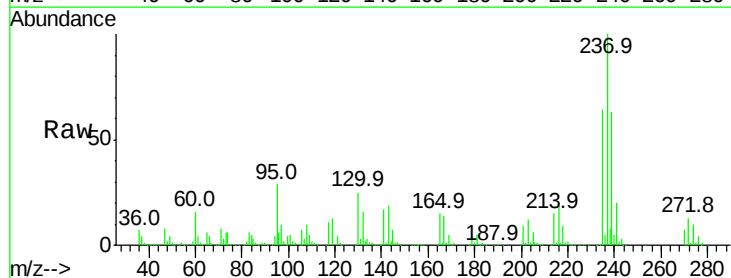
RT: 8.97 min Scan# 602

Delta R.T. -0.00 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	623123		
235	64.4	43.9	83.9	
272	12.6	0.0	33.1	

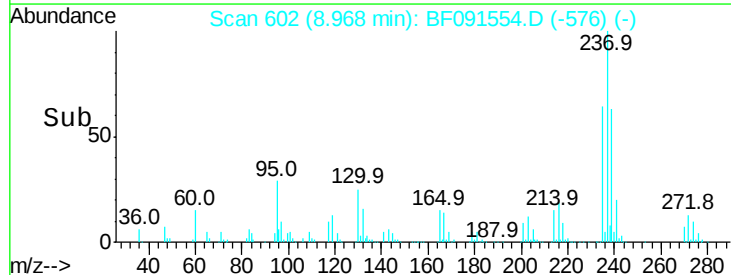
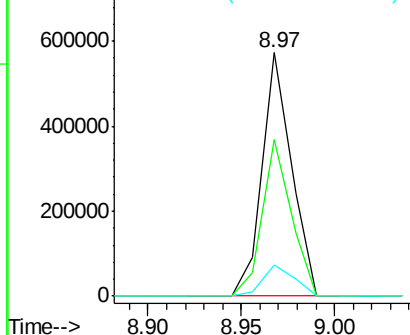


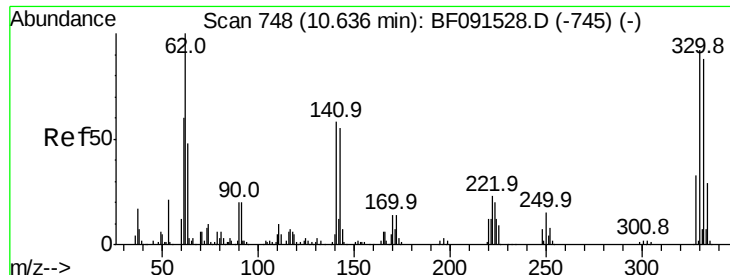
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





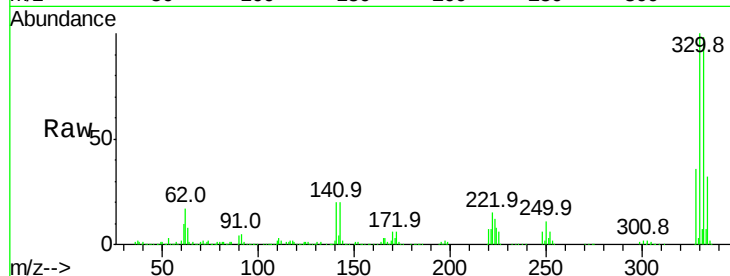
#41
 2,4,6-Tribromophenol
 Concen: 126.53 ng
 RT: 10.65 min Scan# 749
 Delta R.T. 0.01 min
 Lab File: BF091554.D
 Acq: 13 Dec 2016 15:22

Instrument :
 BNA_F
 ClientSampleId :
 SS08-0-2INMSD

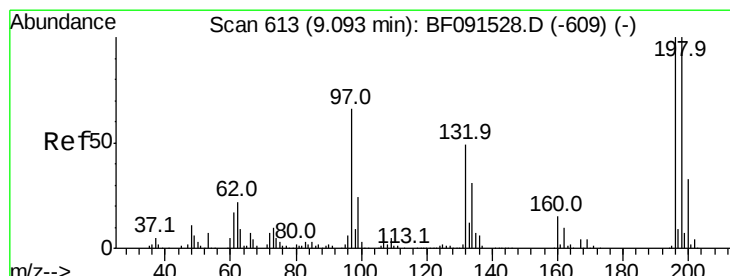
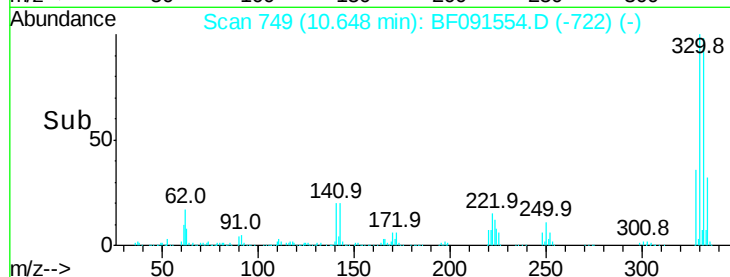
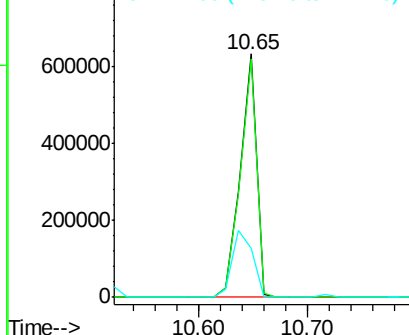
Tot Ion	Ratio	Resp	Lower	Upper
330	100	649803		
332	98.0	76.2	114.4	
141	34.9	33.6	50.4	

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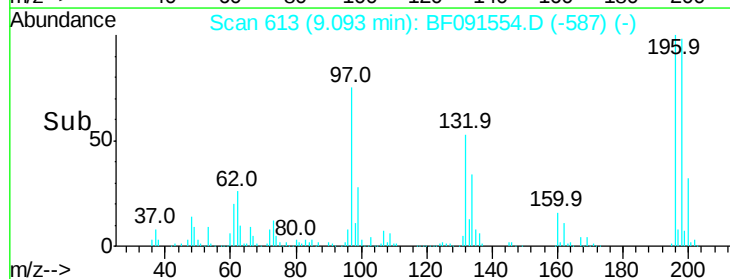
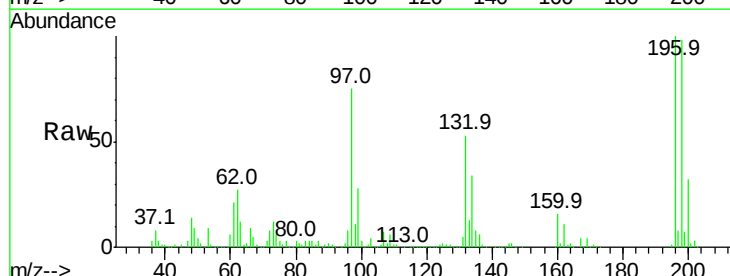
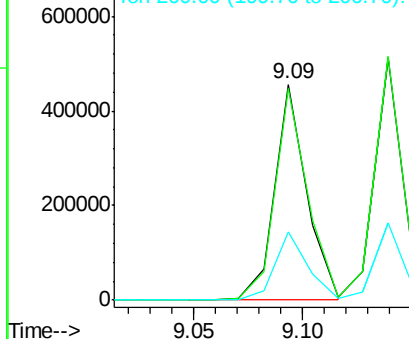
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

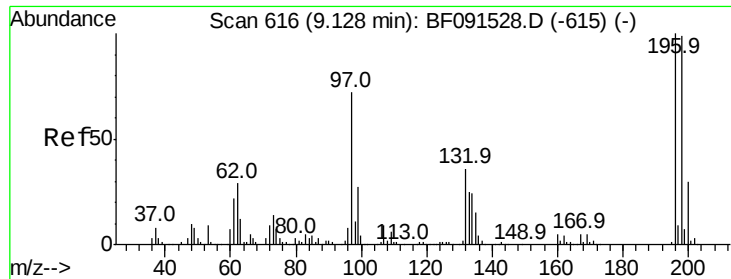


#42
 2,4,6-Trichlorophenol
 Concen: 43.49 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF091554.D
 Acq: 13 Dec 2016 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	473913		
198	97.7	77.4	116.0	
200	31.6	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





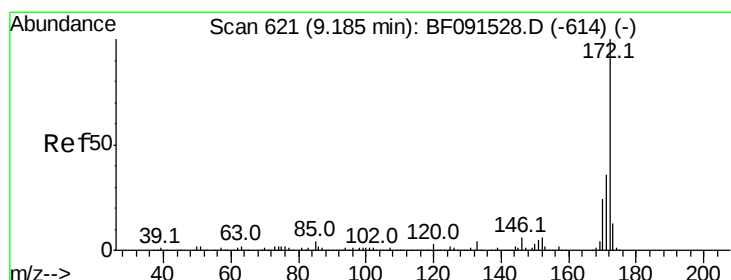
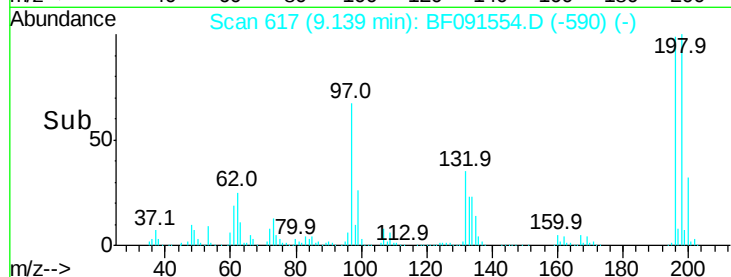
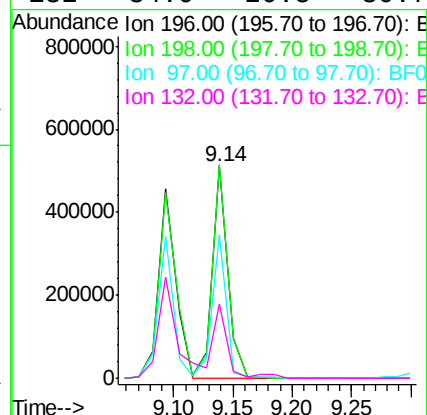
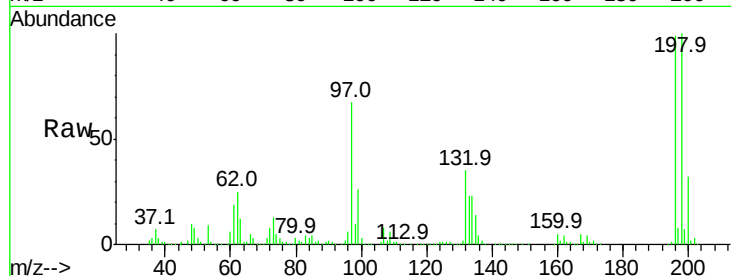
#43
 2,4,5-Trichlorophenol
 Concen: 41.31 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF091554.D
 Acq: 13 Dec 2016 15:22

Instrument :
 BNA_F
 ClientSampleId :
 SS08-0-2INMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	462567		
198	100.6	77.0	115.6	
97	67.2	33.5	50.3#	
132	34.9	20.5	30.7#	

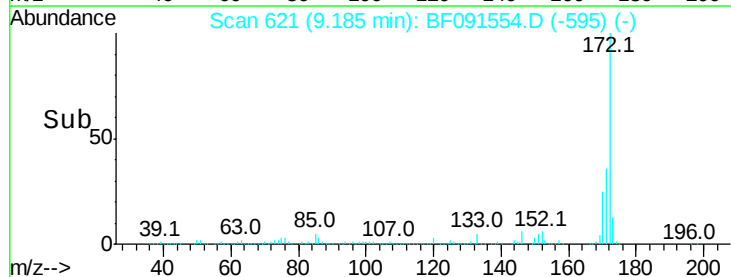
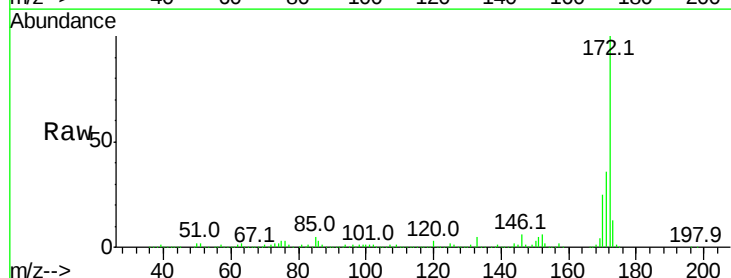
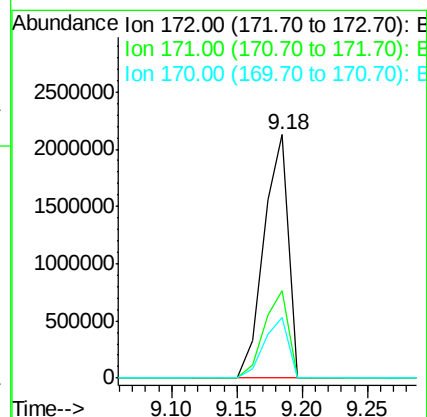
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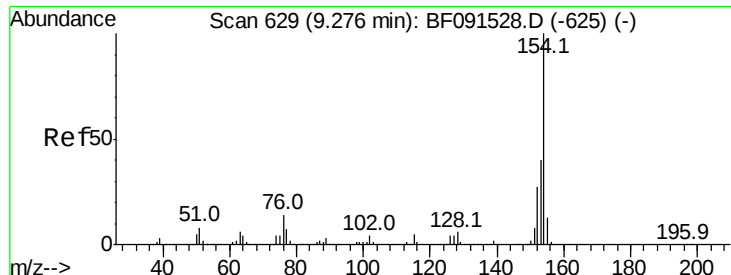
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#44
 2-Fluorobiphenyl
 Concen: 77.39 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF091554.D
 Acq: 13 Dec 2016 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2769266		
171	36.2	29.4	44.0	
170	25.0	19.7	29.5	





#45

1,1'-Biphenyl

Concen: 40.83 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.00 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

Instrument :

BNA_F

ClientSampleId :

SS08-0-2INMSD

Tot Ion:154 Resp: 1828329

Ion Ratio Lower Upper

154 100

153 40.7 20.6 60.6

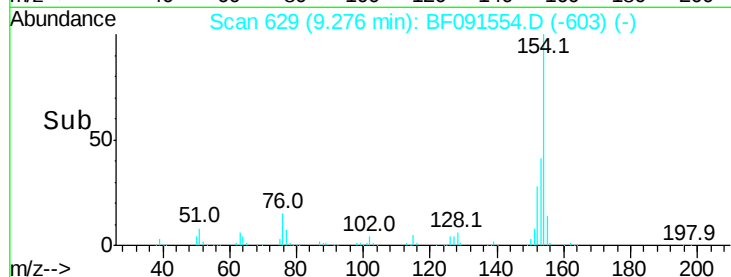
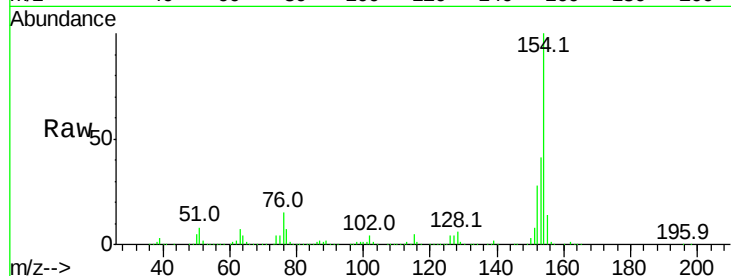
76 15.0 0.0 36.6

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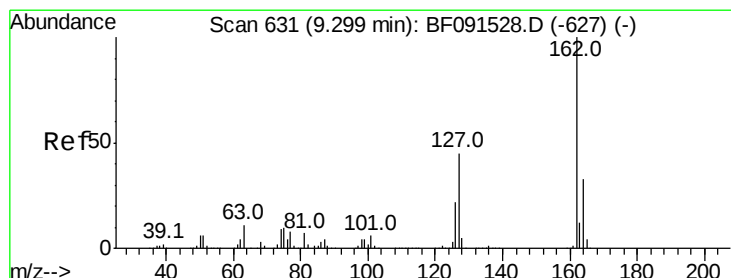
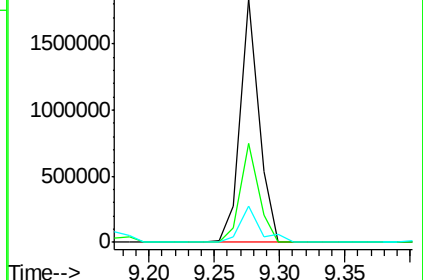
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.91 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

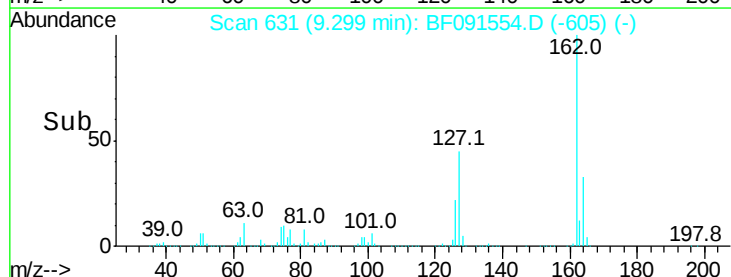
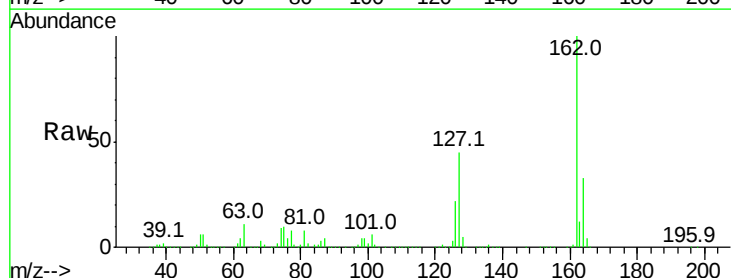
Tgt Ion:162 Resp: 1384177

Ion Ratio Lower Upper

162 100

127 44.6 34.3 51.5

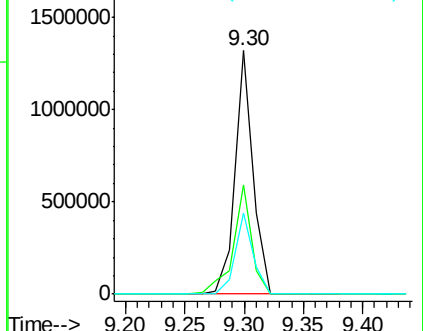
164 33.0 26.6 40.0

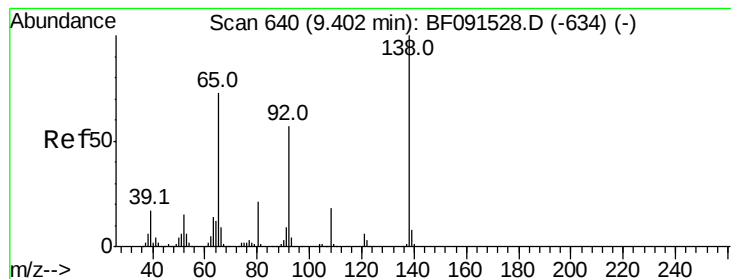


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 47.00 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.00 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

Instrument :

BNA_F

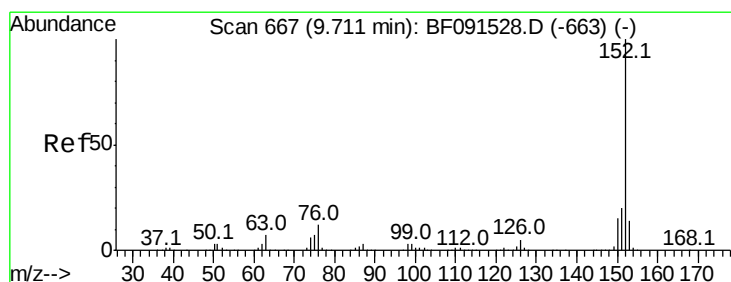
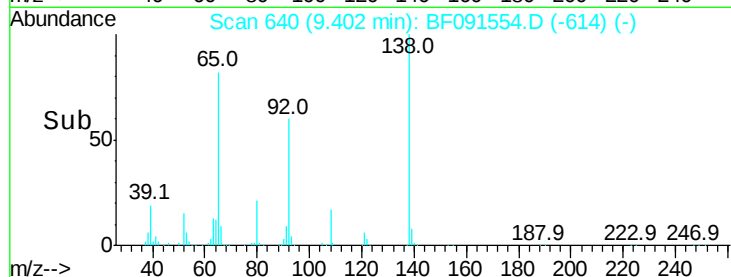
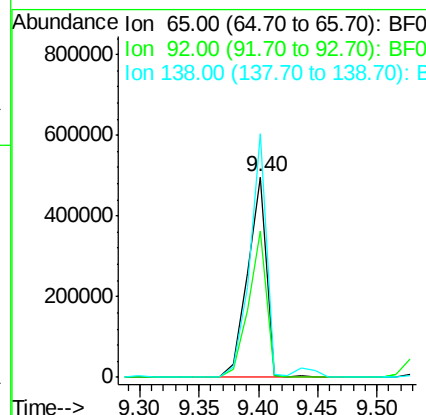
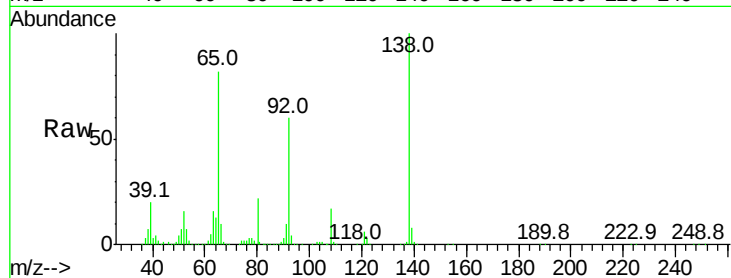
ClientSampleId :

SS08-0-2INMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.3	53.6	80.4
138	121.4	91.0	136.6

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#48

Acenaphthylene

Concen: 43.44 ng

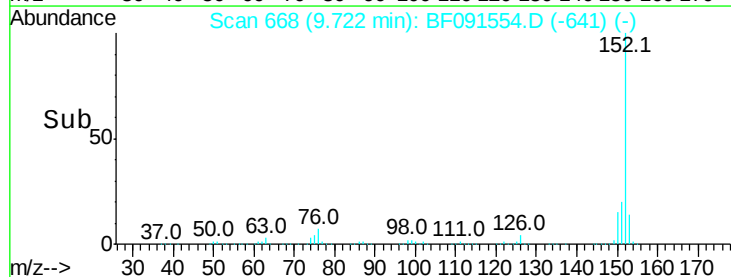
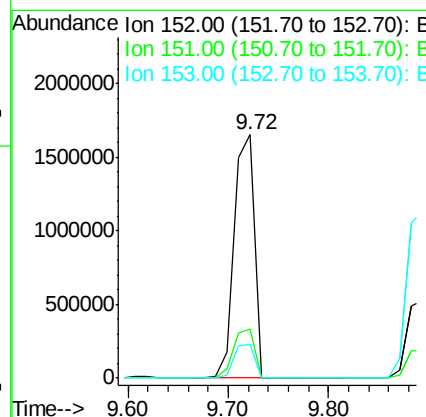
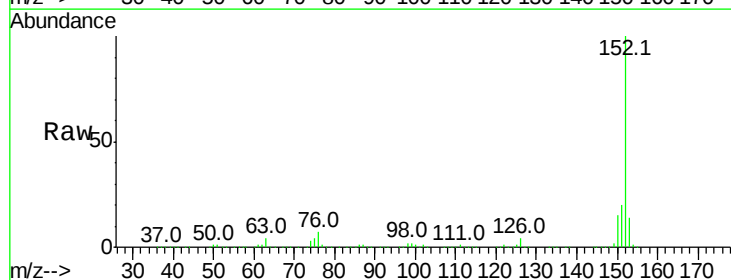
RT: 9.72 min Scan# 668

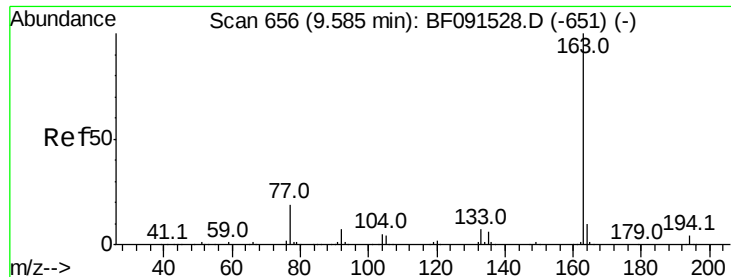
Delta R.T. 0.01 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.6	24.8
153	13.8	10.7	16.1





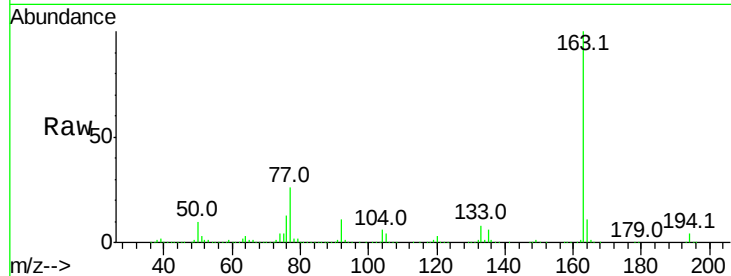
#49
Dimethylphthalate
Concen: 63.64 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF091554.D
Acq: 13 Dec 2016 15:22

Instrument :
BNA_F
ClientSampleId :
SS08-0-2INMSD

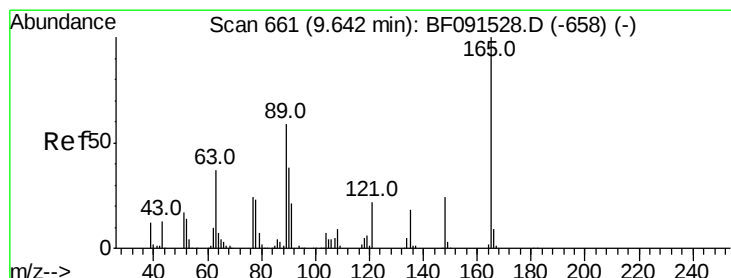
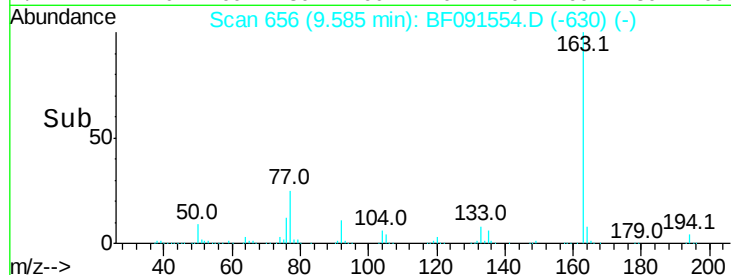
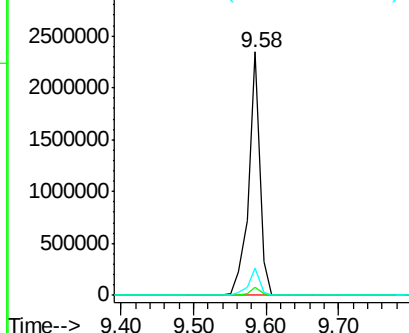
Tot Ion:163 Resp: 2491522
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 11.1 7.8 11.8

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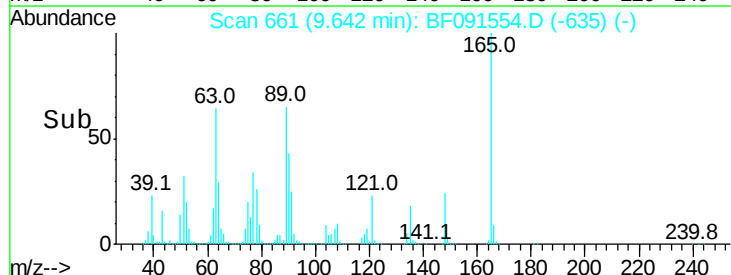
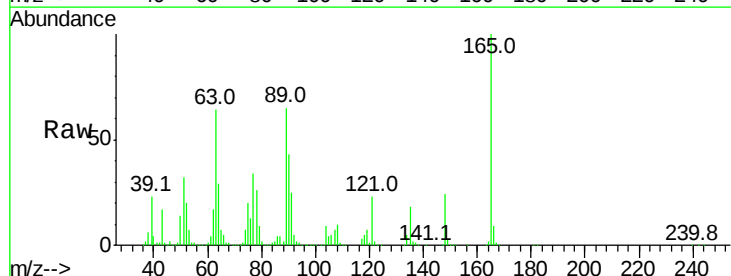
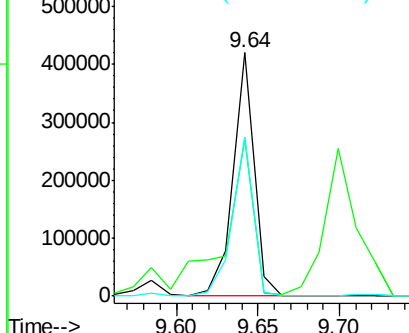
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

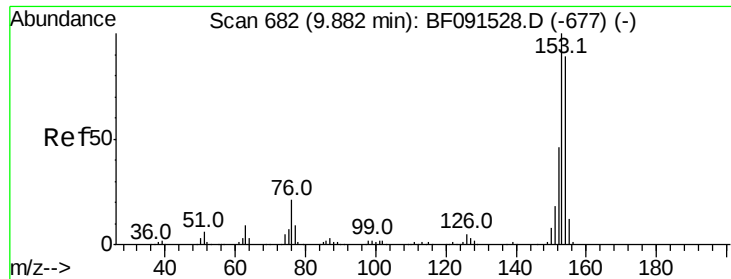


#50
2,6-Dinitrotoluene
Concen: 43.31 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF091554.D
Acq: 13 Dec 2016 15:22

Tgt Ion:165 Resp: 372126
Ion Ratio Lower Upper
165 100
63 64.2 59.4 89.0
89 65.2 50.8 76.2

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





#51

Acenaphthene

Concen: 42.72 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.01 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

Instrument :

BNA_F

ClientSampleId :

SS08-0-2INMSD

Tot Ion:154 Resp: 1568590

Ion Ratio Lower Upper

154 100

153 111.5 91.0 136.6

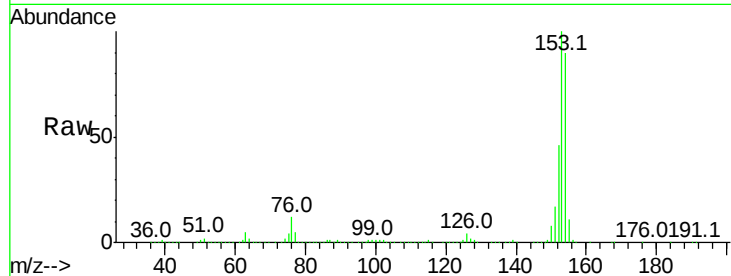
152 51.6 44.2 66.2

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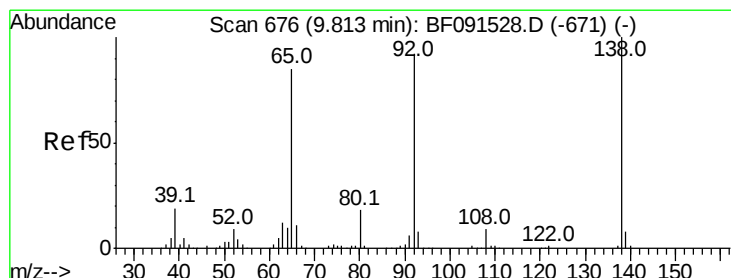
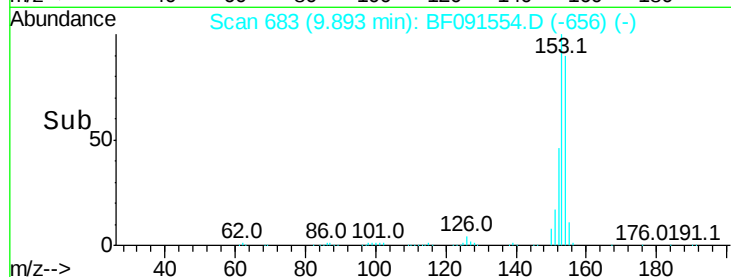
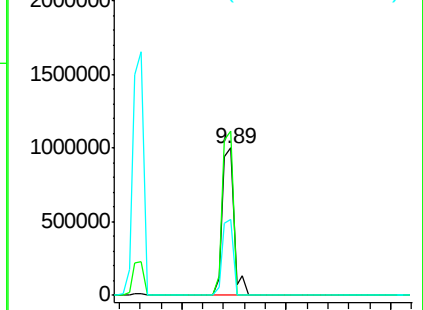
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 17.29 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

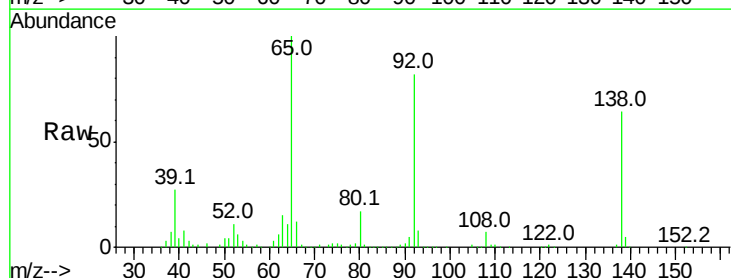
Tgt Ion:138 Resp: 174474

Ion Ratio Lower Upper

138 100

108 11.2 8.1 12.1

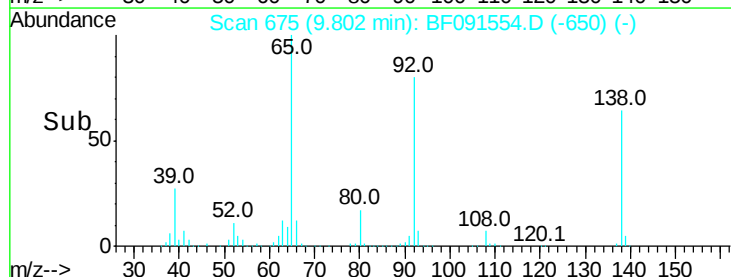
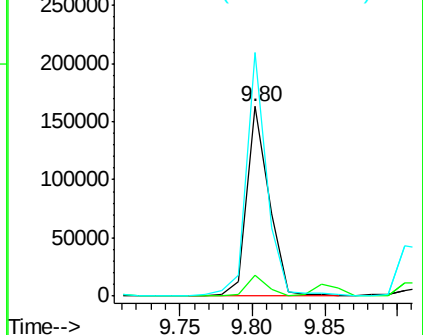
92 128.3 92.5 138.7

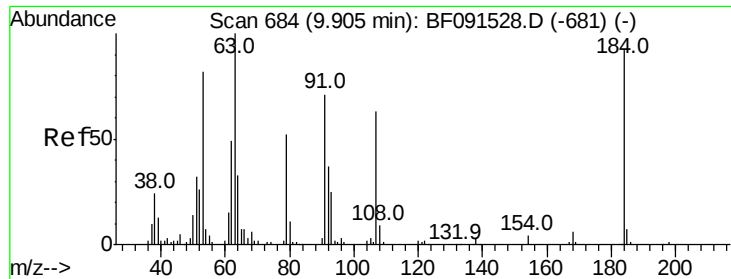


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 57.23 ng

RT: 9.92 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

Instrument :

BNA_F

ClientSampleId :

SS08-0-2INMSD

Tot Ion:184 Resp: 251600

Ion Ratio Lower Upper

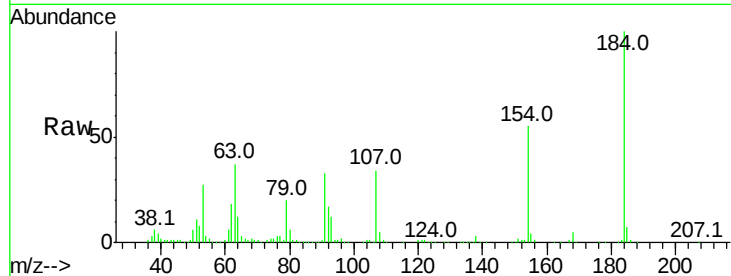
184 100

63 37.4 58.3 87.5#

154 55.4 48.6 73.0

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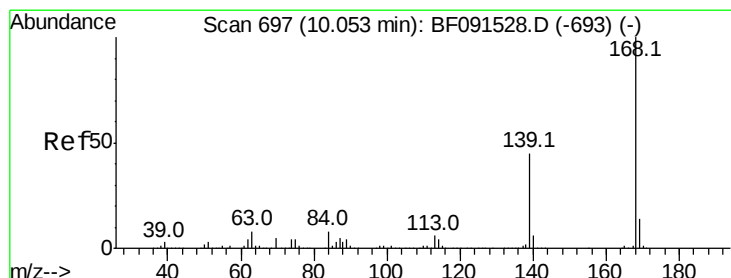
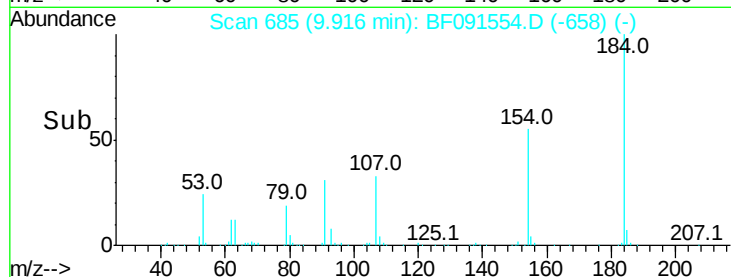
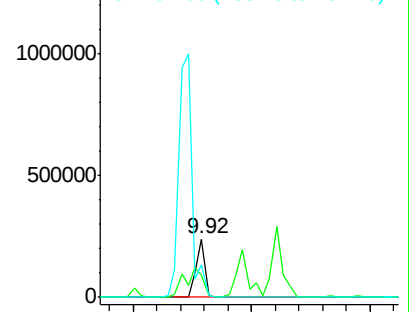
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 45.80 ng

RT: 10.06 min Scan# 698

Delta R.T. 0.01 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

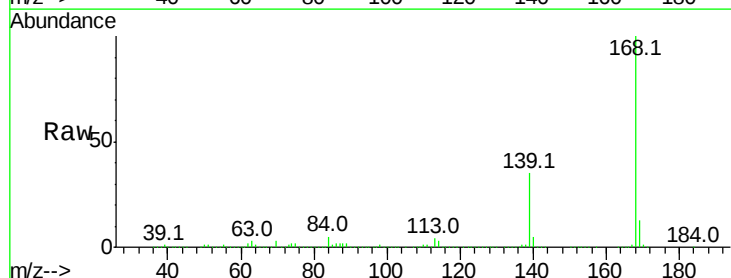
Tgt Ion:168 Resp: 2080658

Ion Ratio Lower Upper

168 100

139 35.3 33.4 50.2

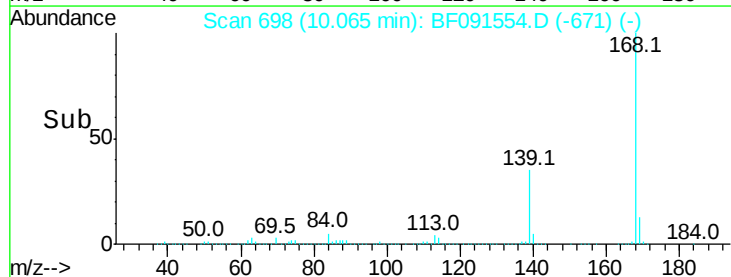
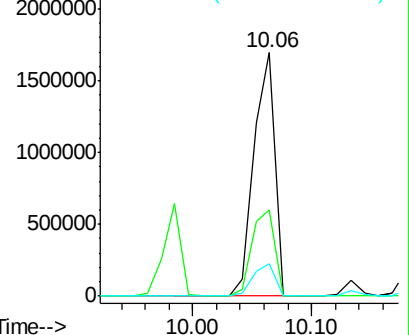
169 13.4 11.1 16.7

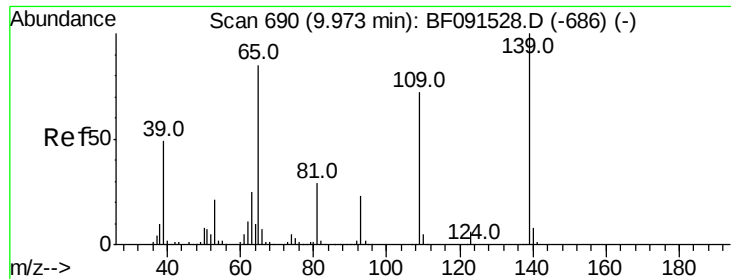


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





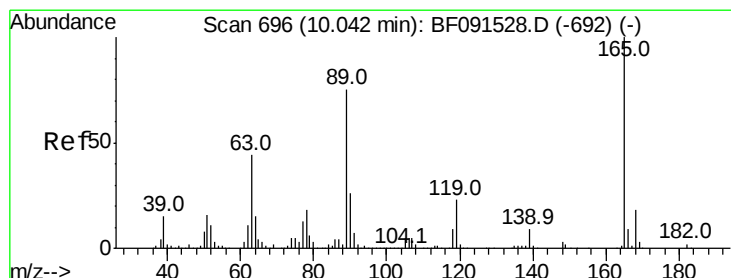
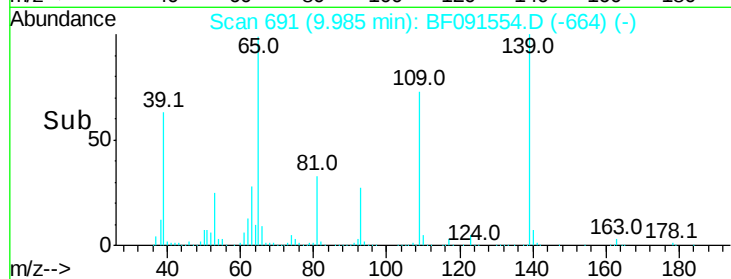
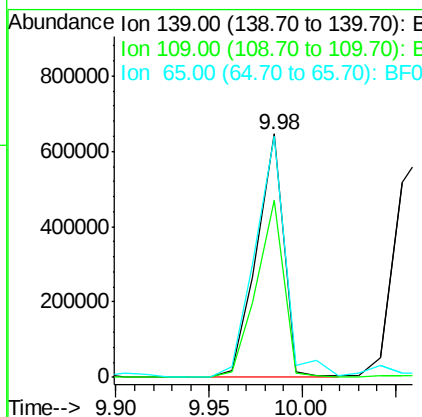
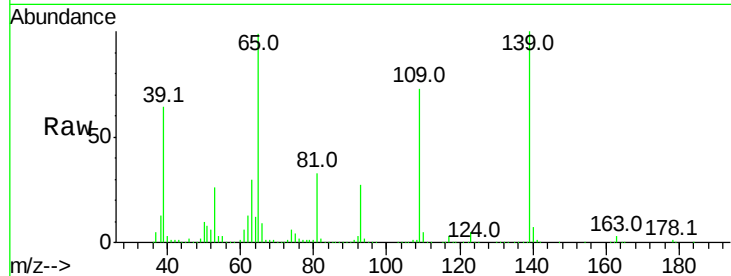
#55
4-Nitrophenol
Concen: 87.25 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.01 min
Lab File: BF091554.D
Acq: 13 Dec 2016 15:22

Instrument :
BNA_F
ClientSampleId :
SS08-0-2INMSD

Tot Ion:139 Resp: 655267
Ion Ratio Lower Upper
139 100
109 72.8 54.9 94.9
65 99.0 102.2 142.2#

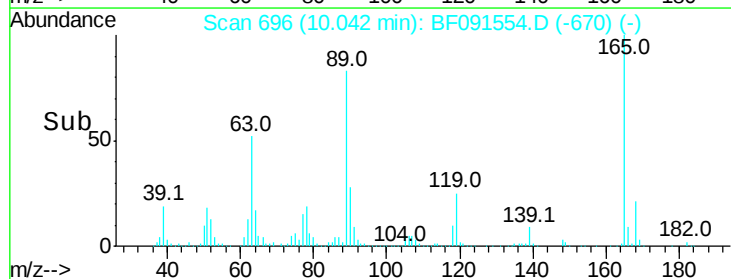
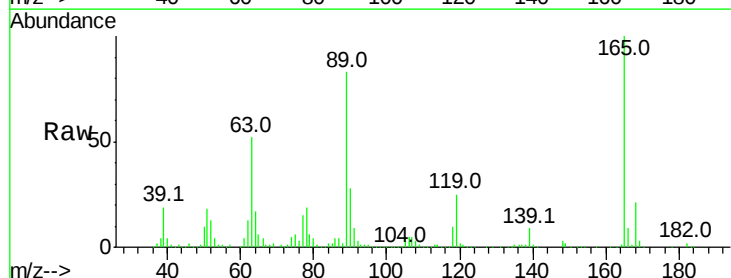
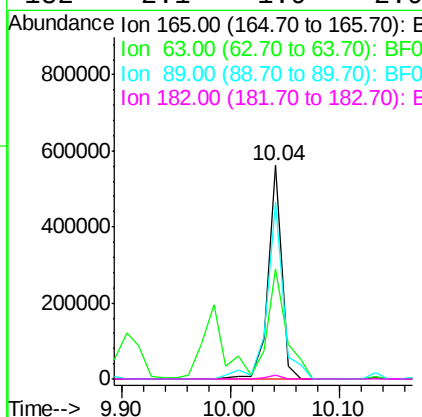
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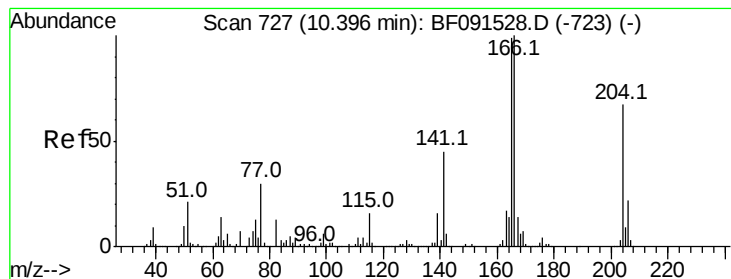
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#56
2,4-Dinitrotoluene
Concen: 45.93 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF091554.D
Acq: 13 Dec 2016 15:22

Tgt Ion:165 Resp: 494720
Ion Ratio Lower Upper
165 100
63 51.8 29.0 43.4#
89 82.9 43.1 64.7#
182 2.1 1.9 2.9





#57

Fluorene

Concen: 41.71 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

Instrument :

BNA_F

ClientSampleId :

SS08-0-2INMSD

Tot Ion:166 Resp: 1365657

Ion Ratio Lower Upper

166 100

165 96.2 80.0 120.0

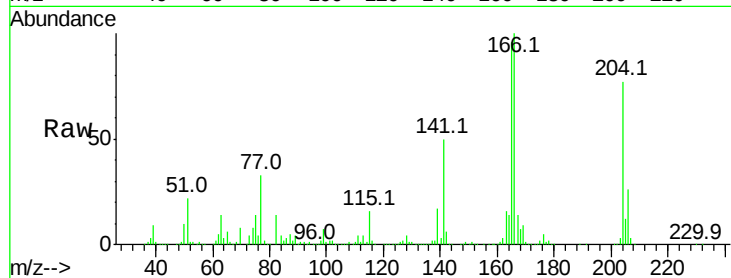
167 14.2 10.8 16.2

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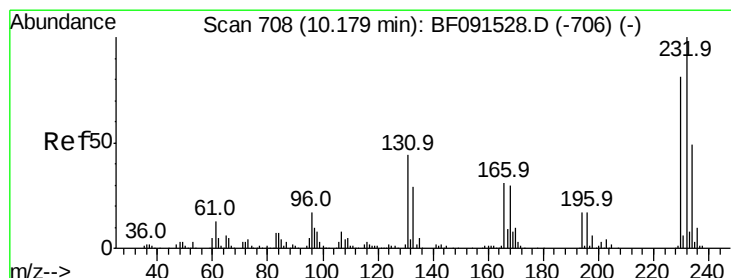
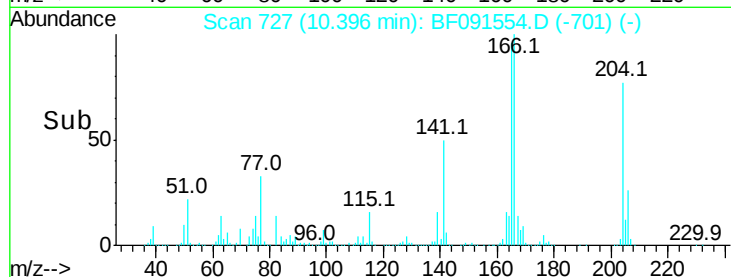
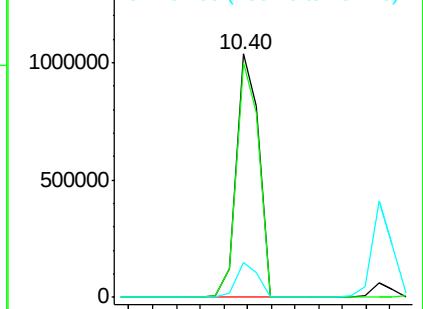
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Abundance Ion 166.00 (165.70 to 166.70): E

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: 44.94 ng

RT: 10.18 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

Tgt Ion:232 Resp: 393952

Ion Ratio Lower Upper

232 100

131 54.2 38.4 57.6

130 2.6 1.8 2.8

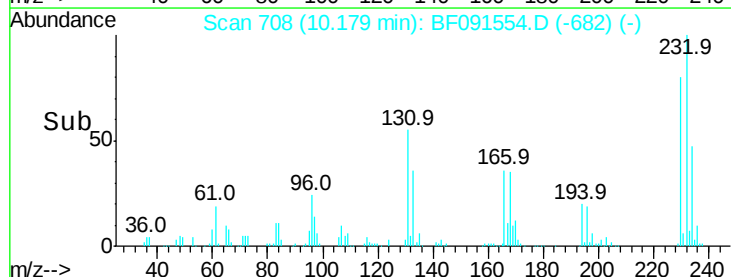
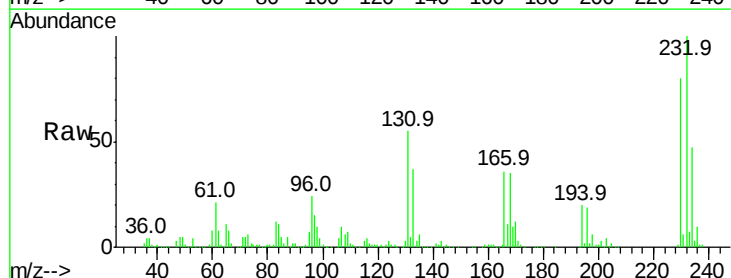
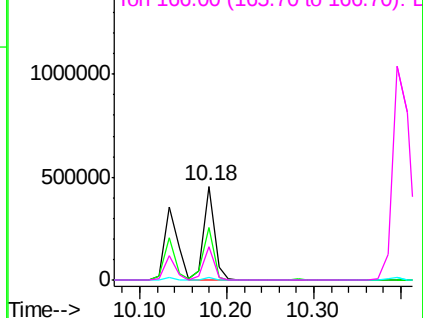
166 34.0 23.9 35.9

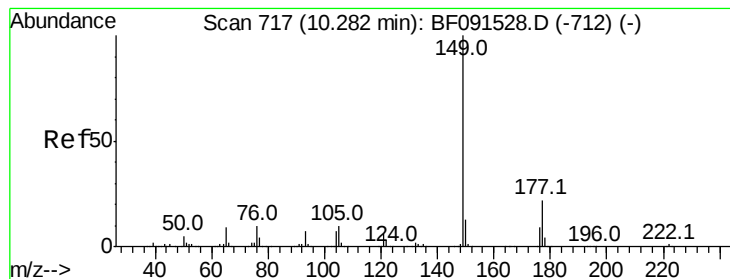
Abundance Ion 232.00 (231.70 to 232.70): E

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: 43.15 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

Instrument :

BNA_F

ClientSampleId :

SS08-0-2INMSD

Tot Ion:149 Resp: 1626499

Ion Ratio Lower Upper

149 100

177 22.3 15.7 23.5

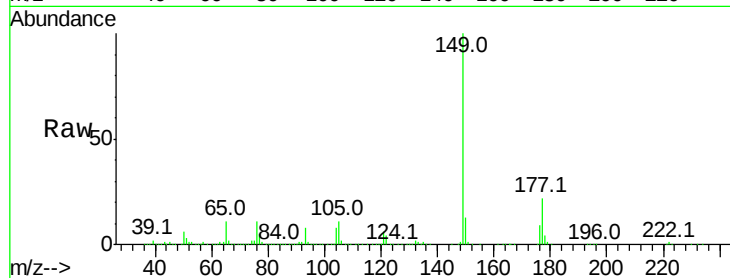
150 12.9 10.2 15.2

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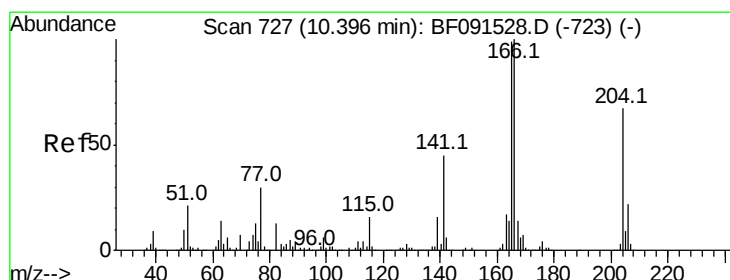
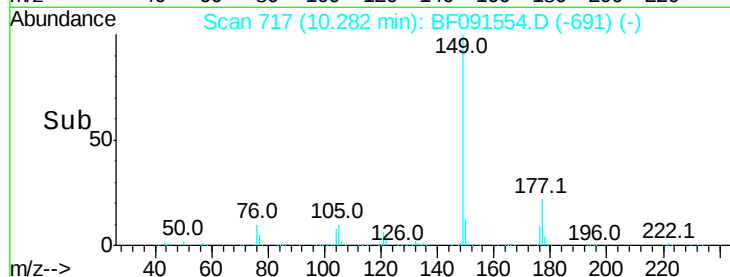
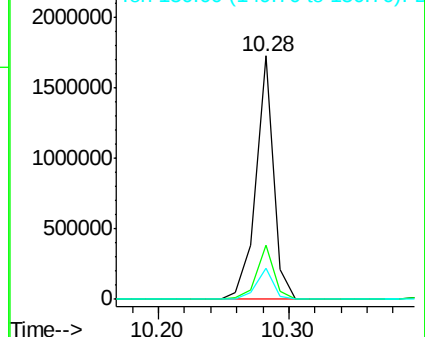
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 42.14 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

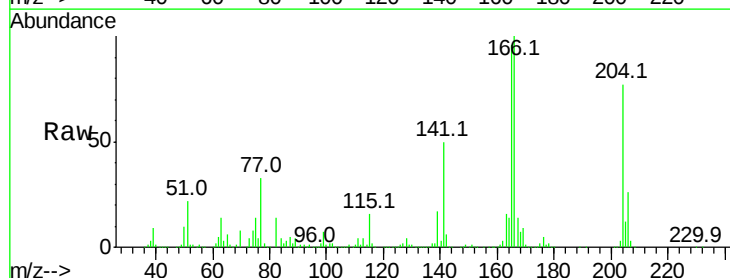
Tgt Ion:204 Resp: 688298

Ion Ratio Lower Upper

204 100

206 33.4 26.1 39.1

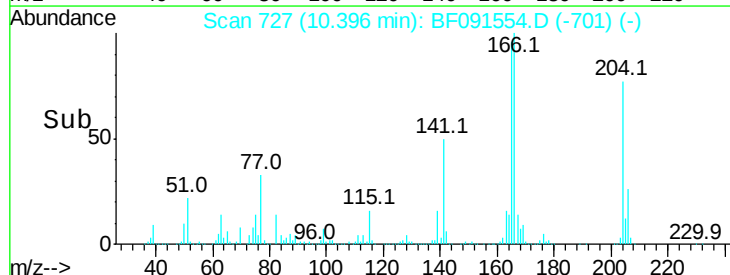
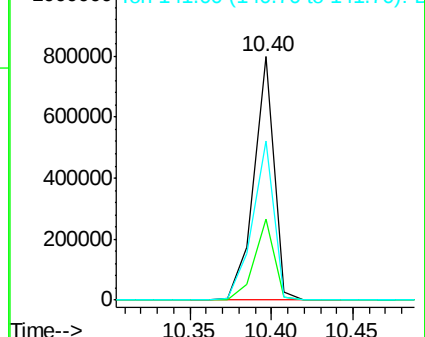
141 65.6 40.6 61.0#

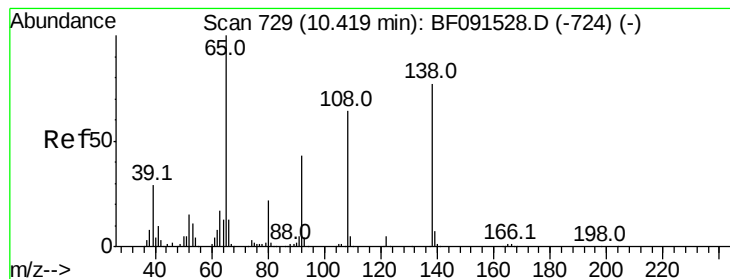


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 35.74 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

Instrument :

BNA_F

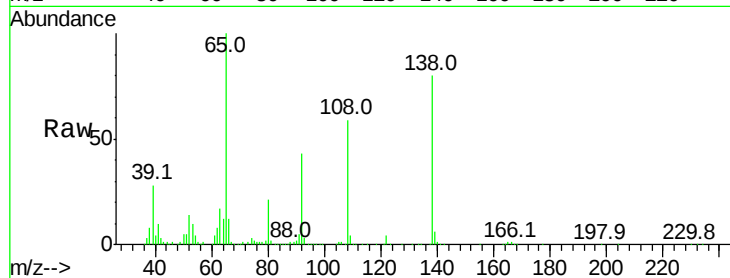
ClientSampleId :

SS08-0-2INMSD

Tot Ion:	138	Resp:	358495
Ion Ratio	Lower	Upper	
138	100		
92	53.9	26.9	66.9
108	73.7	49.1	89.1

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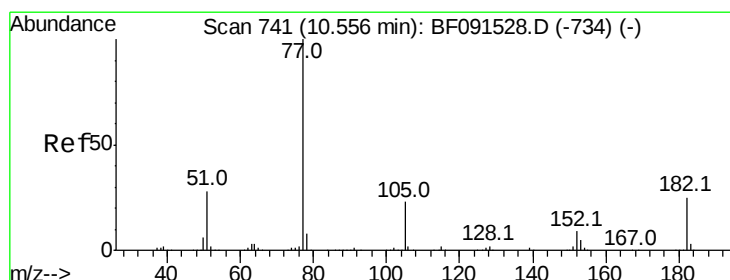
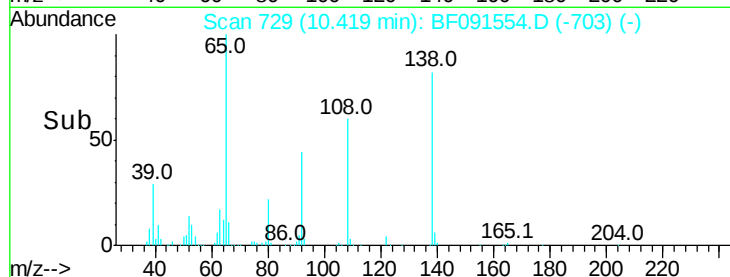
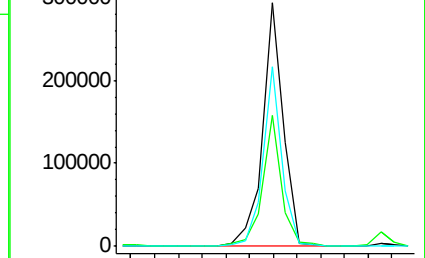
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.50 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

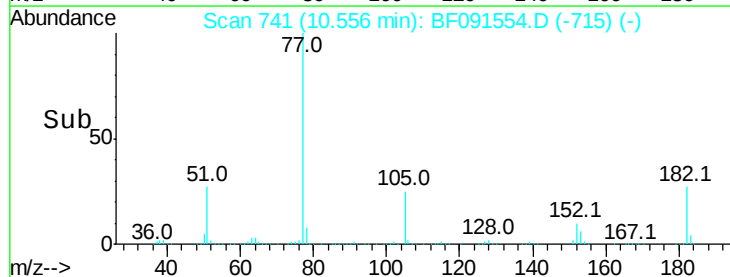
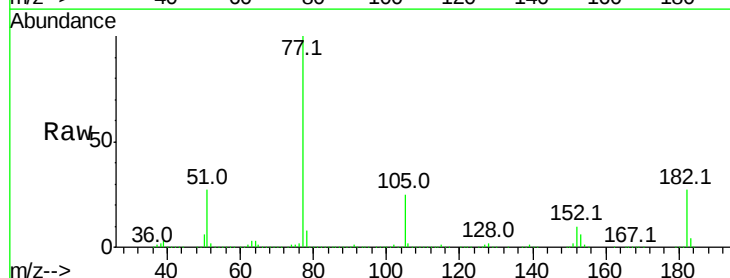
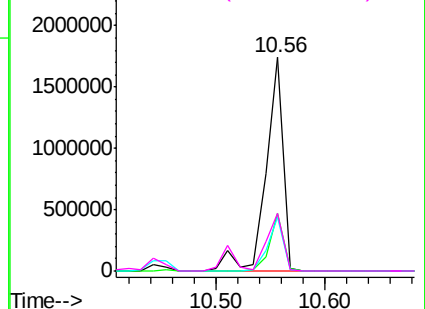
Tgt Ion:	77	Resp:	1943635
Ion Ratio	Lower	Upper	
77	100		
182	27.0	12.5	52.5
105	25.3	3.7	43.7
51	27.2	11.9	51.9

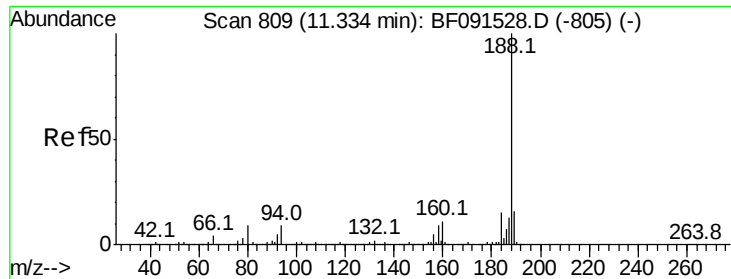
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

Instrument :

BNA_F

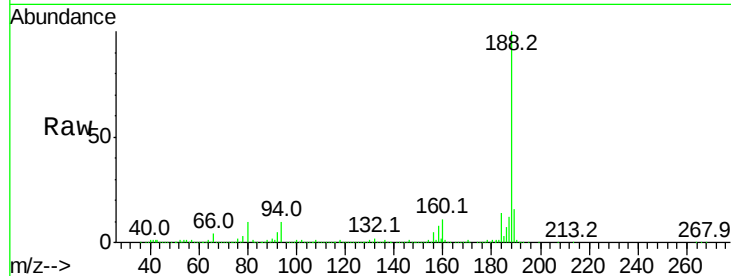
ClientSampleId :

SS08-0-2INMSD

Tot Ion:	188	Resp:	945139
Ion Ratio	Lower	Upper	
188	100		
94	9.6	9.2	13.8
80	10.4	10.5	15.7#

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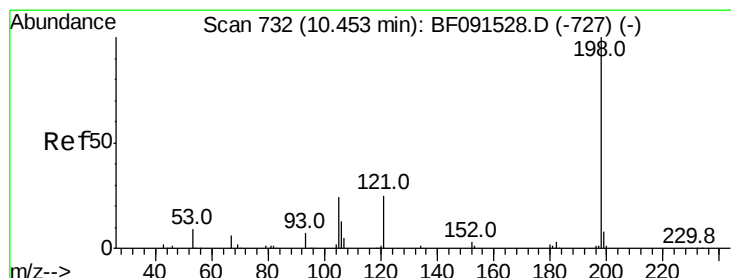
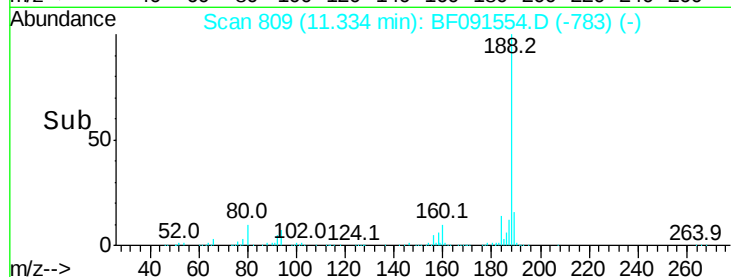
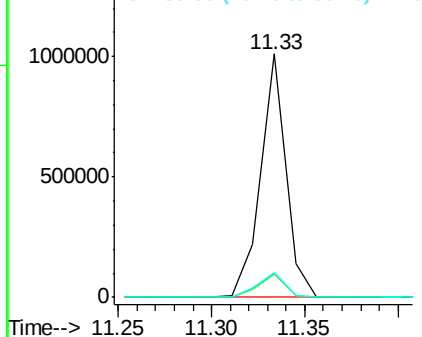
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 44.49 ng

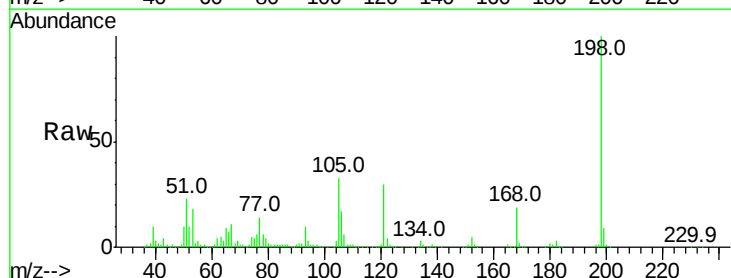
RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

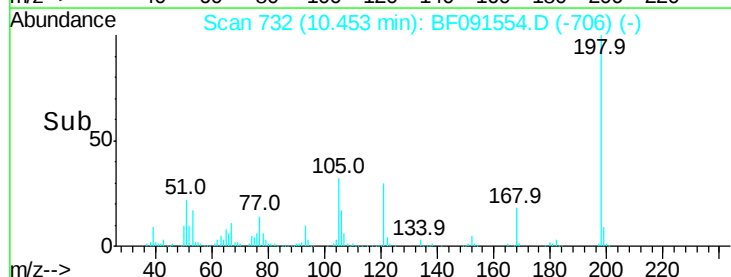
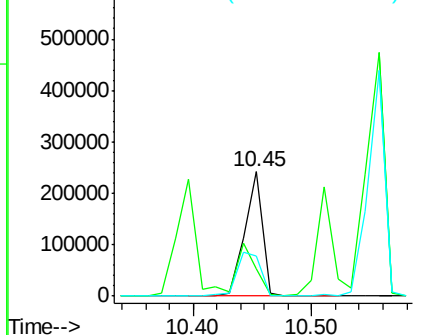
Tgt Ion:	198	Resp:	254052
Ion Ratio	Lower	Upper	
198	100		
51	22.5	77.1	117.1#
105	32.6	44.8	84.8#

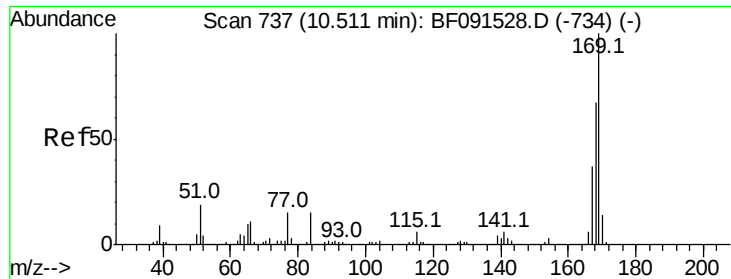


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





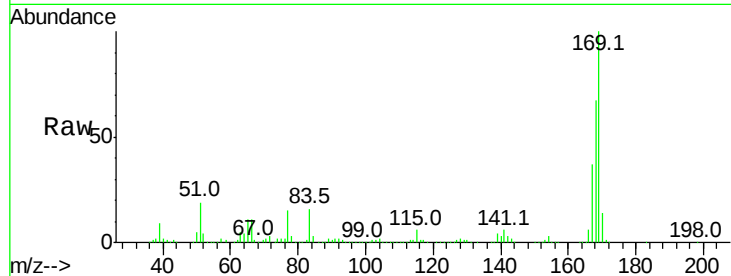
#65
n-Nitrosodiphenylamine
Concen: 45.38 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF091554.D
Acq: 13 Dec 2016 15:22

Instrument :
BNA_F
ClientSampleId :
SS08-0-2INMSD

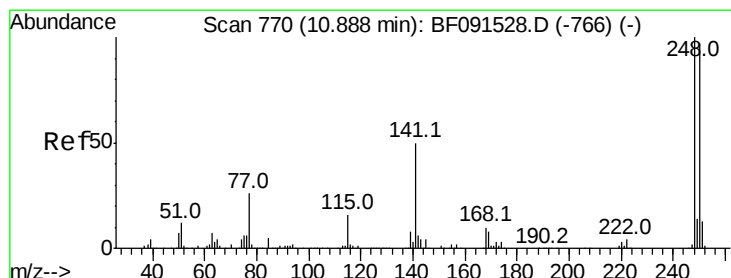
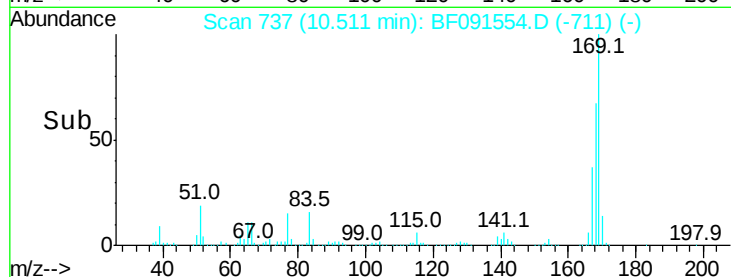
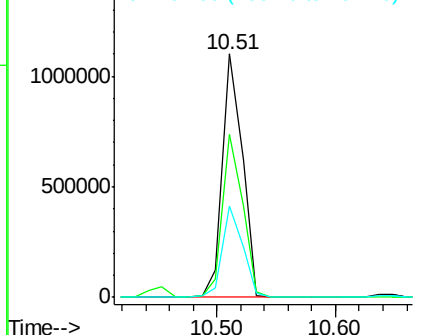
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.1	53.8	80.8
167	37.4	29.8	44.8

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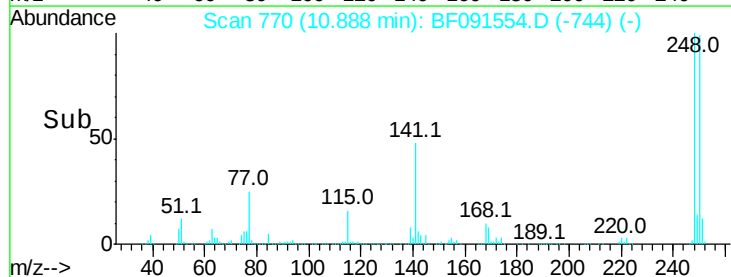
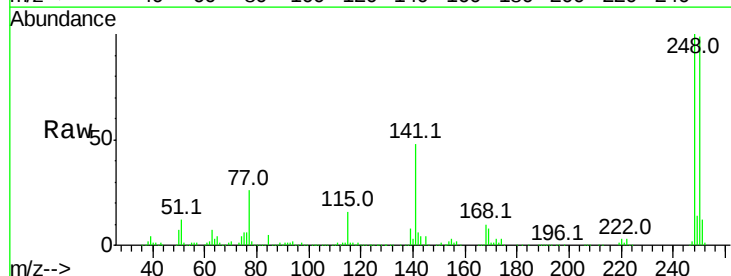
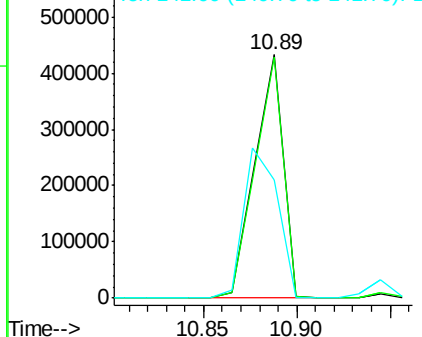
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

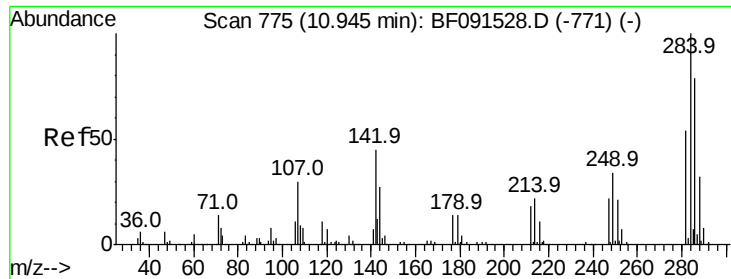


#66
4-Bromophenyl-phenylether
Concen: 47.00 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF091554.D
Acq: 13 Dec 2016 15:22

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.0	78.2	117.4
141	48.5	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: 41.87 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

Instrument :

BNA_F

ClientSampleId :

SS08-0-2INMSD

Tot Ion:284 Resp: 421908

Ion Ratio Lower Upper

284 100

142 46.9 17.9 26.9#

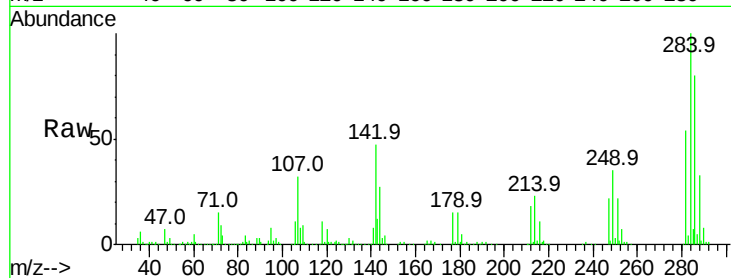
249 34.6 23.6 35.4

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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

10.94

400000

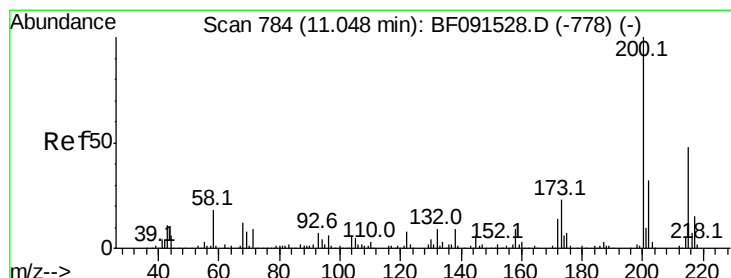
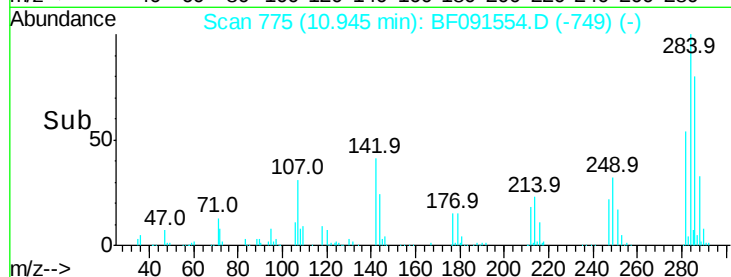
300000

200000

100000

0

Time-->



#68

Atrazine

Concen: 51.43 ng

RT: 11.05 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

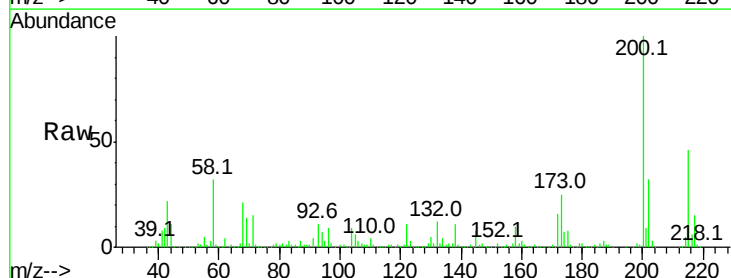
Tgt Ion:200 Resp: 465945

Ion Ratio Lower Upper

200 100

173 25.0 7.8 47.8

215 45.7 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

11.05

600000

500000

400000

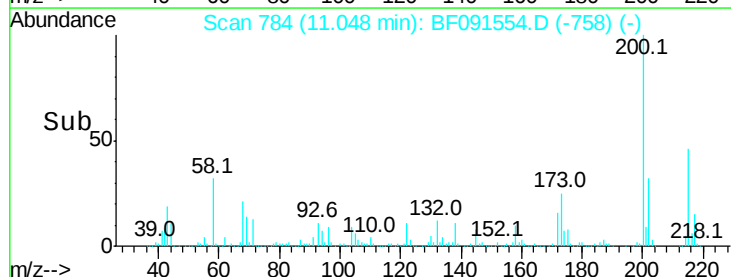
300000

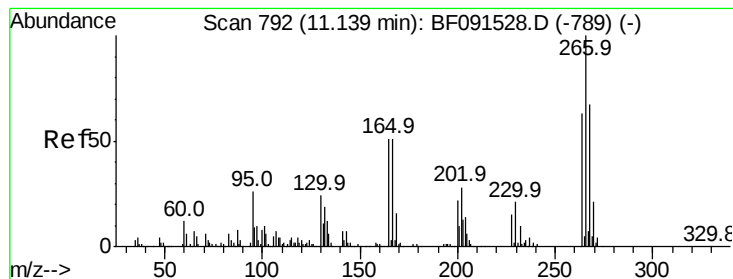
200000

100000

0

Time-->





#69

Pentachlorophenol

Concen: 81.27 ng

RT: 11.14 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

Instrument :

BNA_F

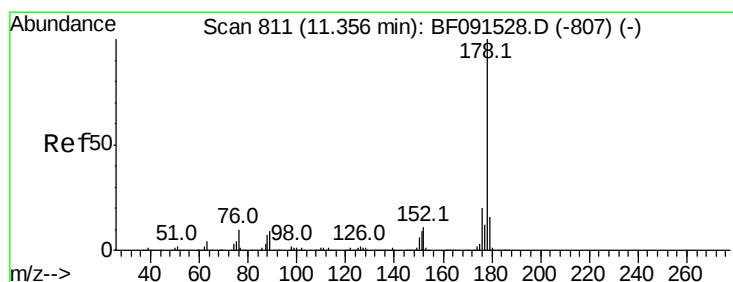
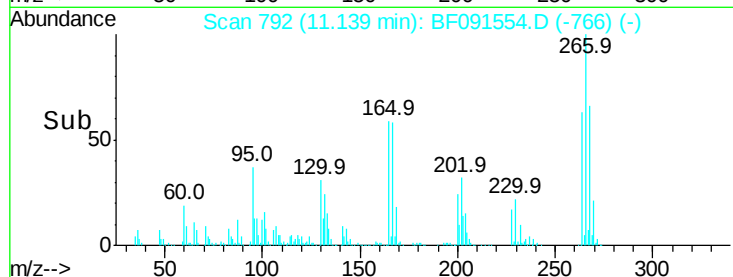
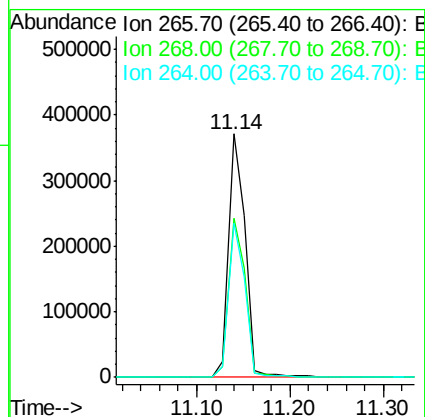
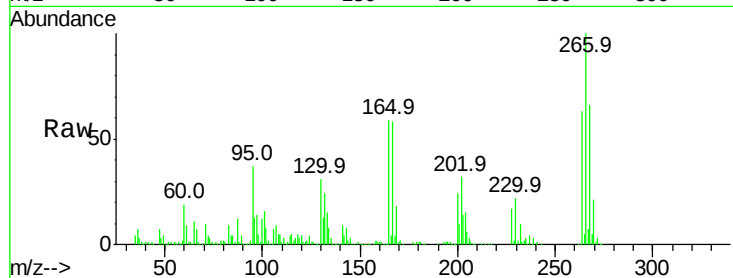
ClientSampleId :

SS08-0-2INMSD

Tot Ion:	266	Resp:	460825
Ion Ratio		Lower	Upper
266	100		
268	65.6	50.3	75.5
264	63.0	48.2	72.2

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#70

Phenanthrene

Concen: 43.05 ng

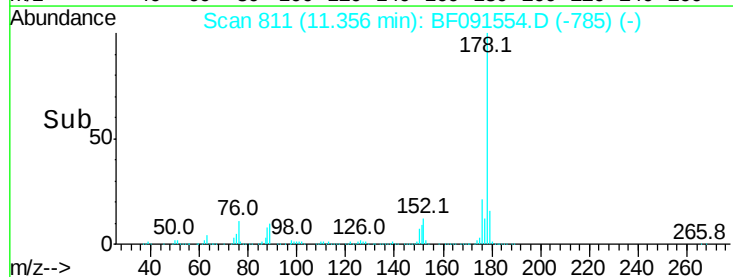
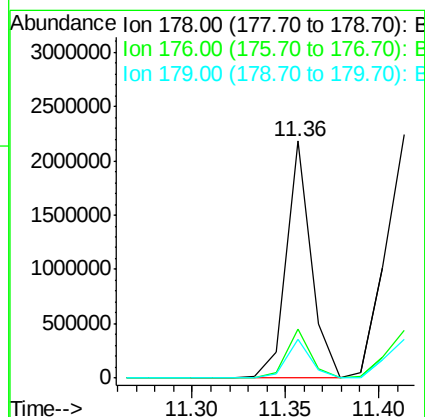
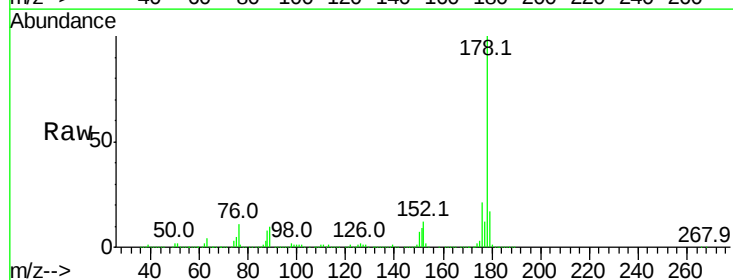
RT: 11.36 min Scan# 811

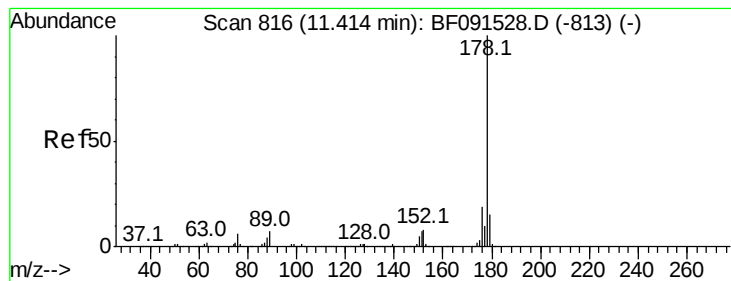
Delta R.T. -0.00 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

Tgt Ion:	178	Resp:	2014699
Ion Ratio		Lower	Upper
178	100		
176	20.6	15.9	23.9
179	16.5	12.6	18.8





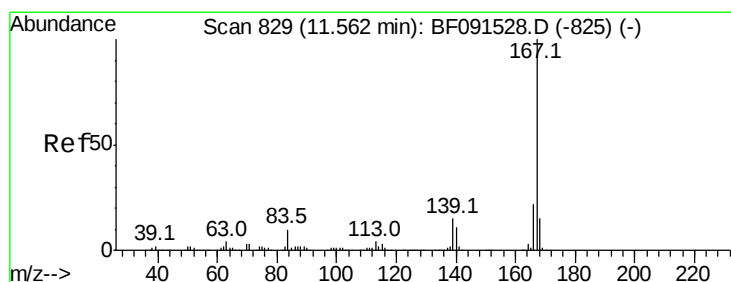
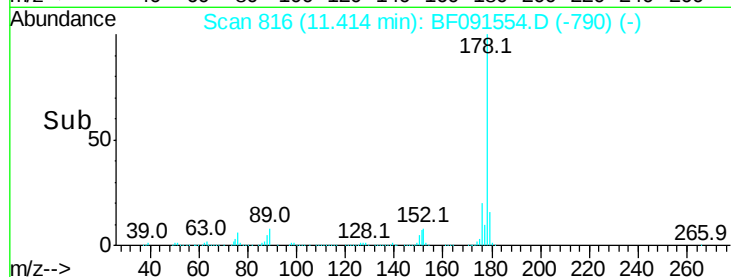
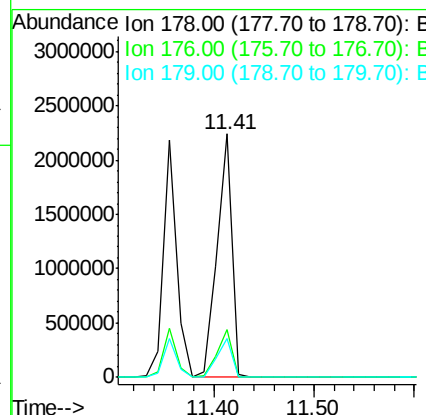
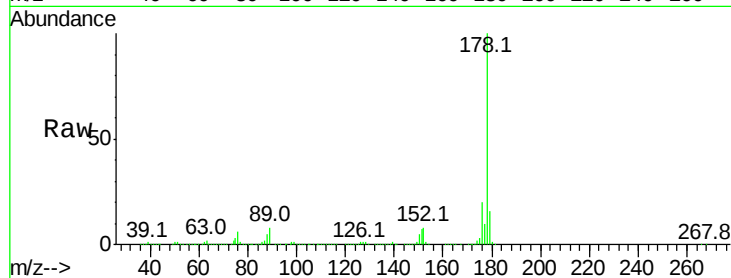
#71
 Anthracene
 Concen: 45.51 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF091554.D
 Acq: 13 Dec 2016 15:22

Instrument :
 BNA_F
 ClientSampleId :
 SS08-0-2INMSD

Tot Ion:178 Resp: 2297485
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.6
 179 16.0 12.7 19.1

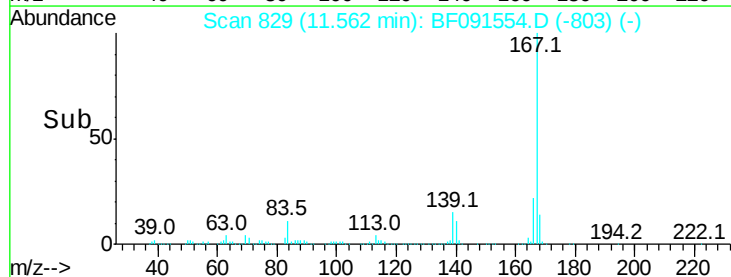
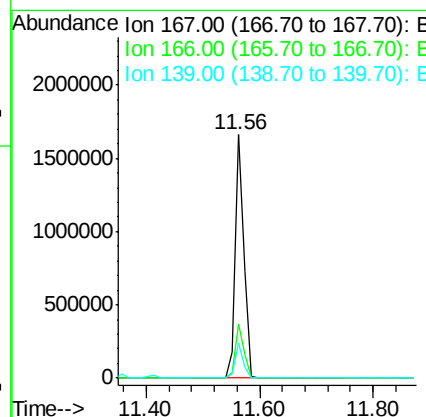
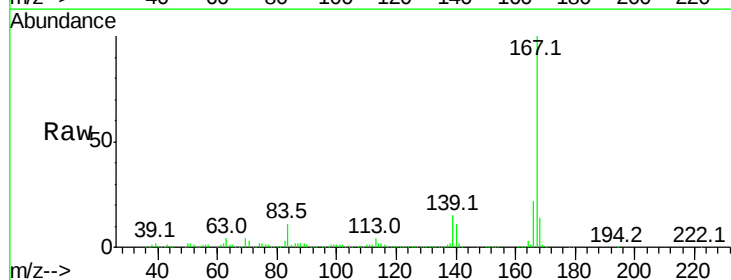
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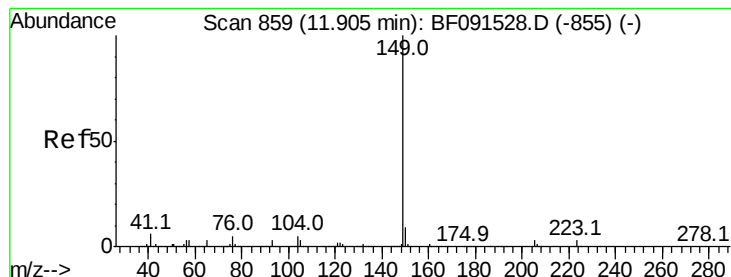
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#72
 Carbazole
 Concen: 40.43 ng
 RT: 11.56 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF091554.D
 Acq: 13 Dec 2016 15:22

Tgt Ion:167 Resp: 1789173
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 14.6 11.5 17.3





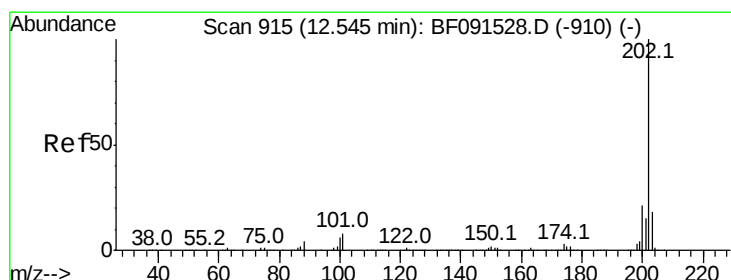
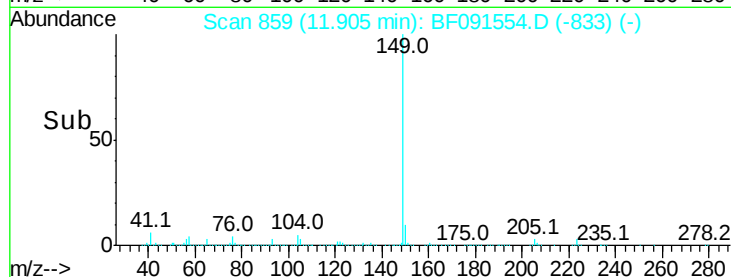
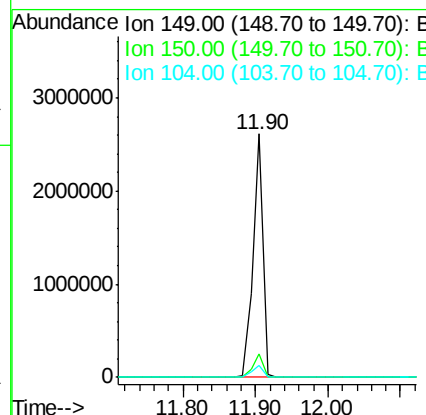
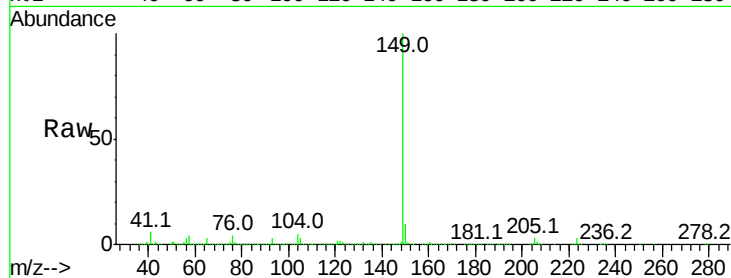
#73
Di-n-butylphthalate
Concen: 47.67 ng
RT: 11.90 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF091554.D
Acq: 13 Dec 2016 15:22

Instrument :
BNA_F
ClientSampleId :
SS08-0-2INMSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.5	11.3
104	5.0	4.0	6.0

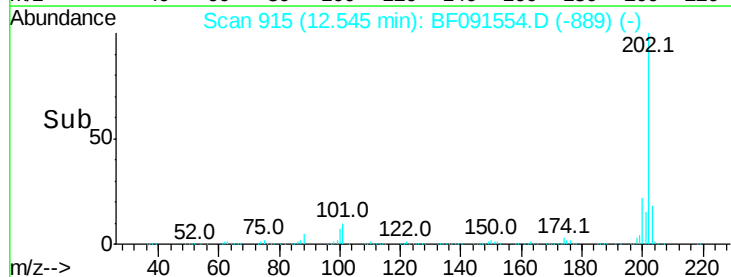
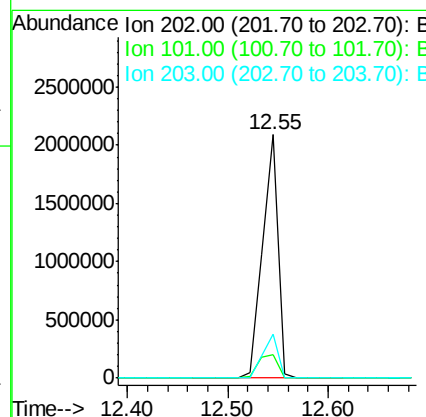
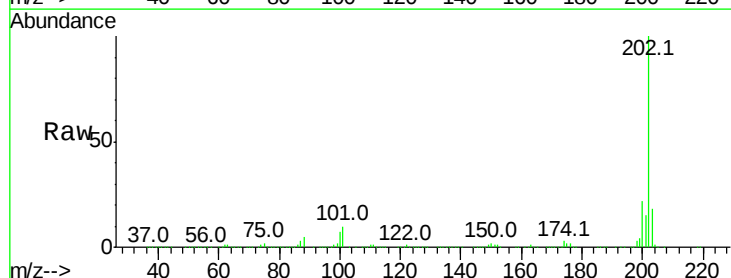
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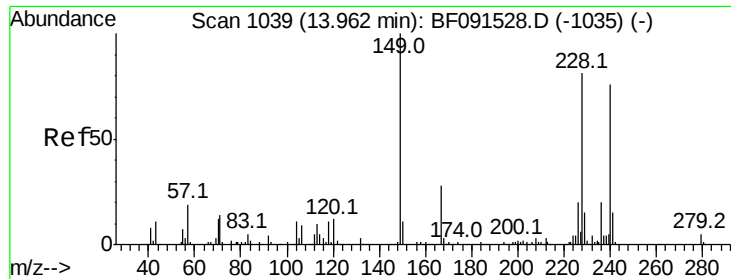
sohil
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#74
Fluoranthene
Concen: 45.54 ng
RT: 12.55 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF091554.D
Acq: 13 Dec 2016 15:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	29.5
203	17.9	0.0	37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

Instrument :

BNA_F

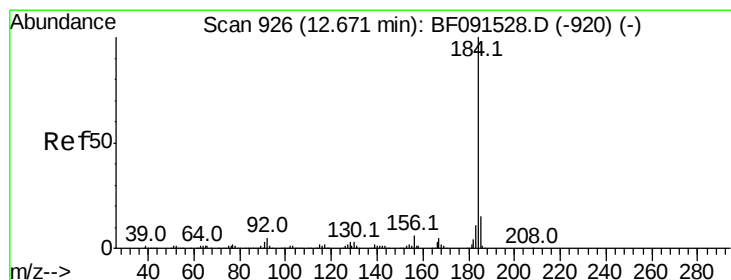
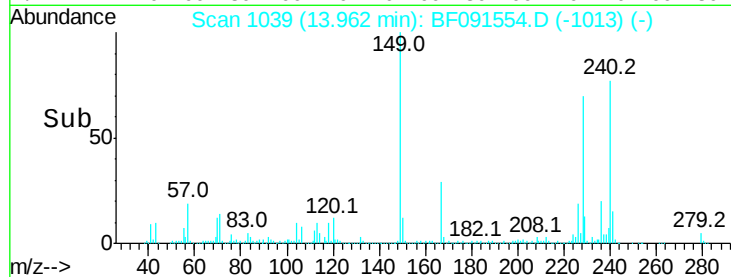
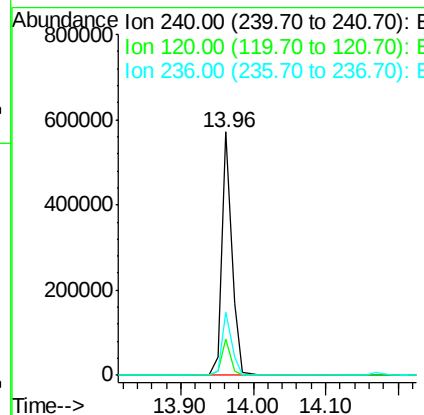
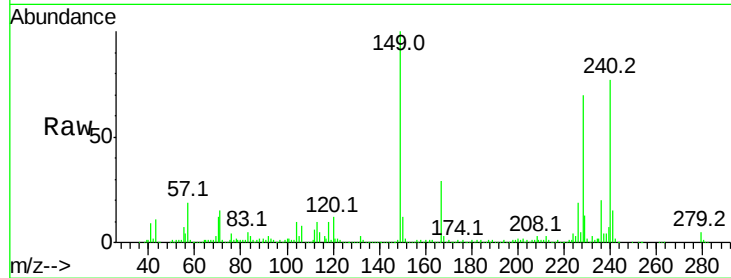
ClientSampleId :

SS08-0-2INMSD

Tot Ion:	240	Resp:	552526
Ion Ratio	Lower	Upper	
240	100		
120	15.1	12.1	18.1
236	26.0	21.0	31.6

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#76

Benzidine

Concen: 17.99 ng

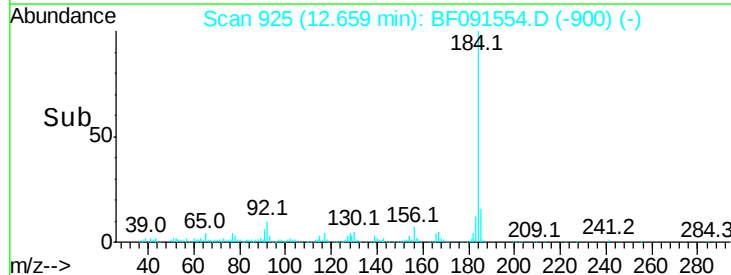
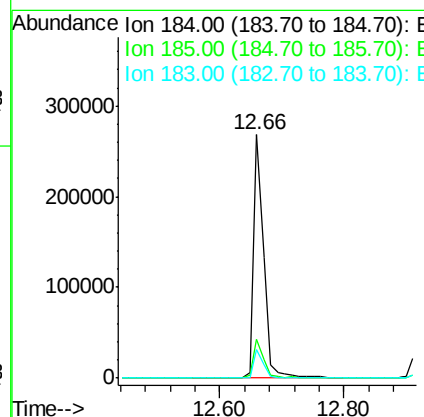
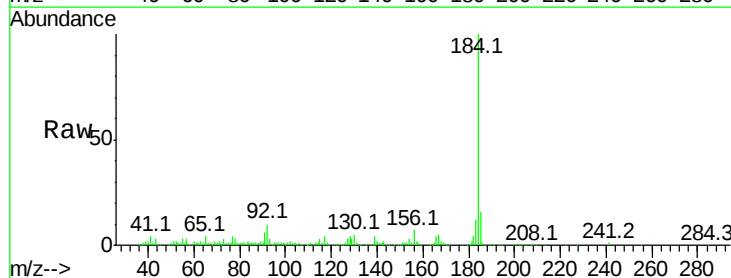
RT: 12.66 min Scan# 925

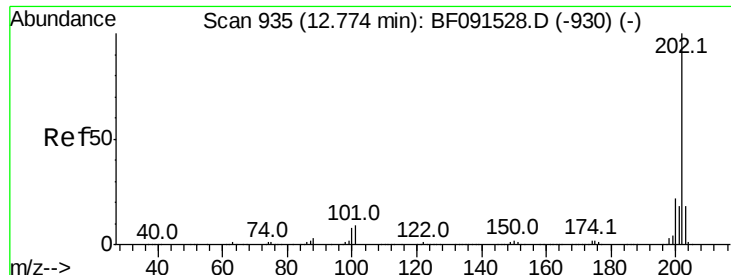
Delta R.T. -0.01 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

Tgt Ion:	184	Resp:	307336
Ion Ratio	Lower	Upper	
184	100		
185	15.7	13.1	19.7
183	11.5	8.9	13.3





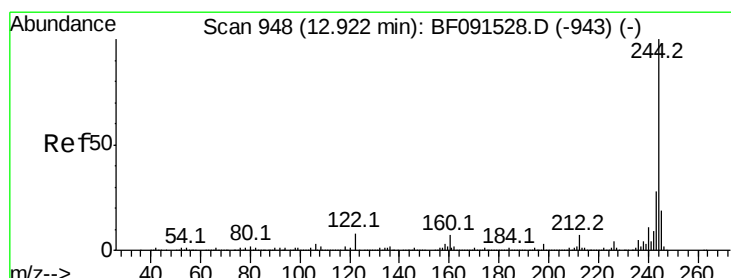
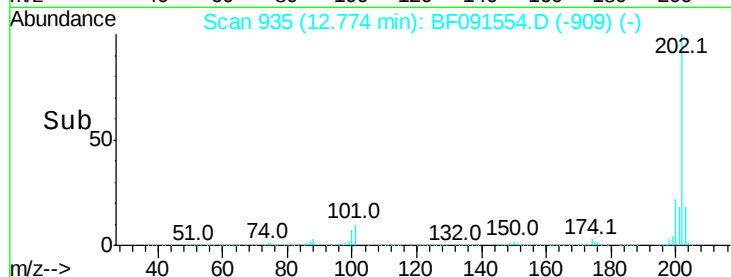
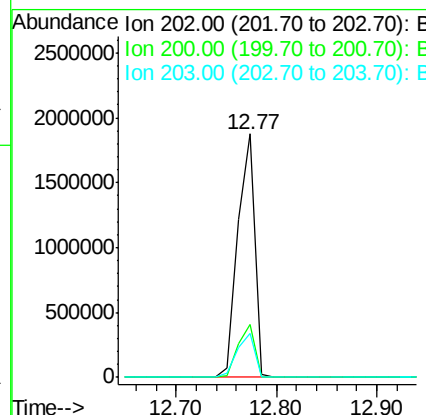
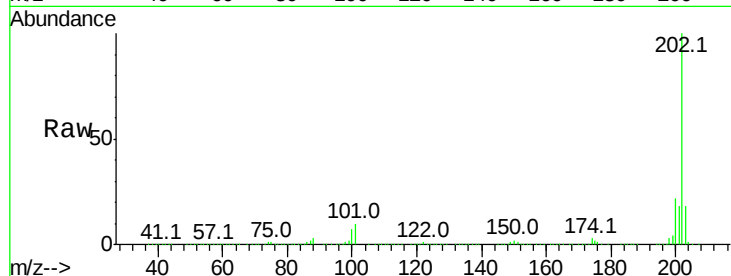
#77
Pvrene
Concen: 49.98 ng
RT: 12.77 min Scan# 935
Delta R.T. -0.00 min
Lab File: BF091554.D
Acq: 13 Dec 2016 15:22

Instrument :
BNA_F
ClientSampleId :
SS08-0-2INMSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.6	26.4
203	17.9	14.0	21.0

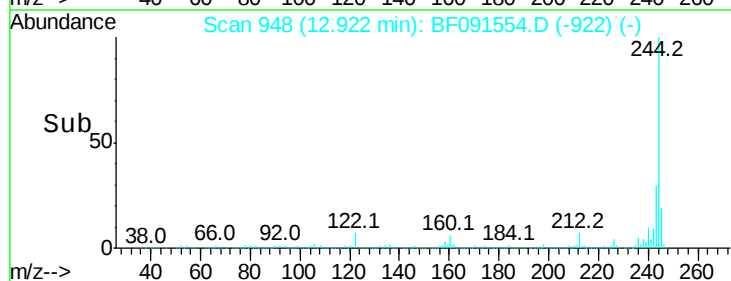
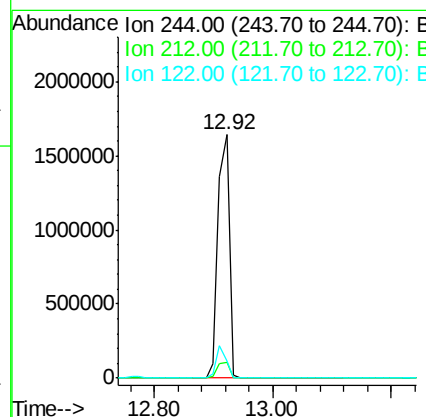
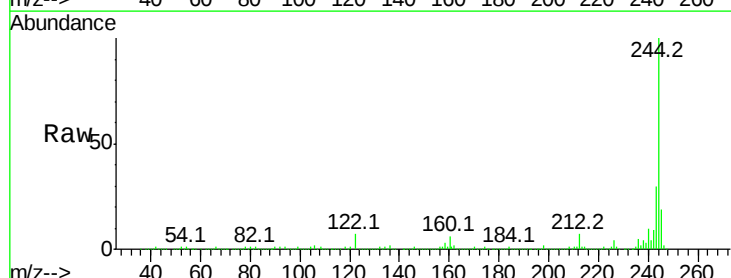
Manual Integrations
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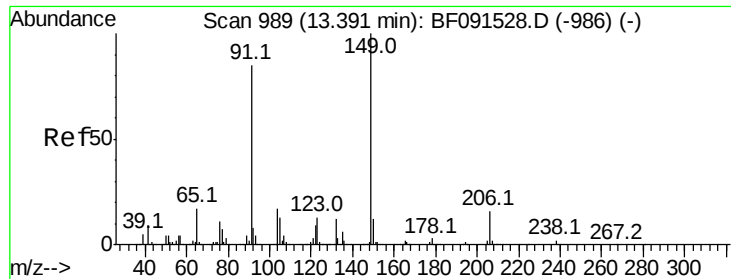
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#78
Terphenyl-d14
Concen: 88.53 ng
RT: 12.92 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF091554.D
Acq: 13 Dec 2016 15:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.5	9.7
122	7.1	9.5	14.3#





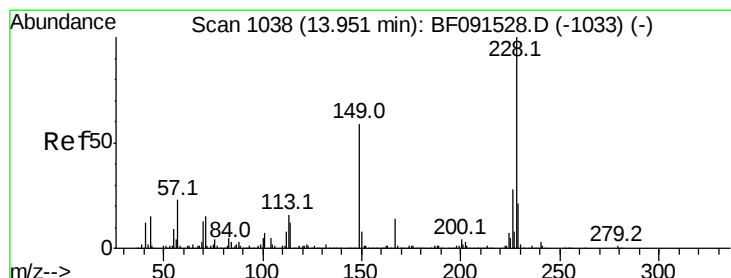
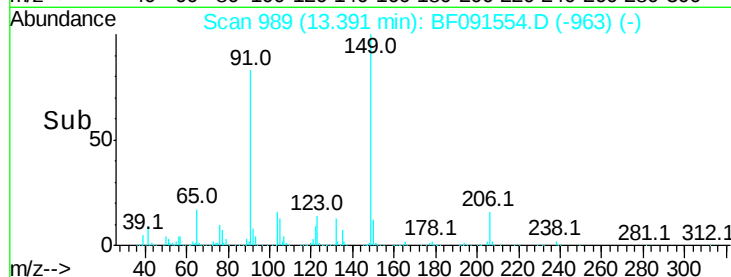
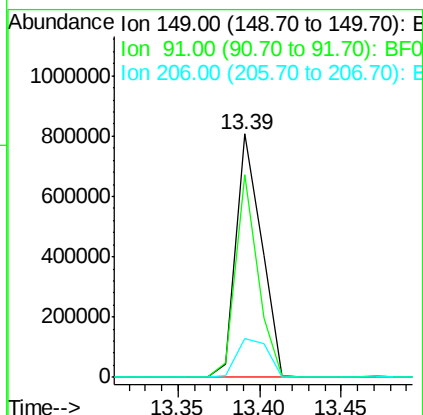
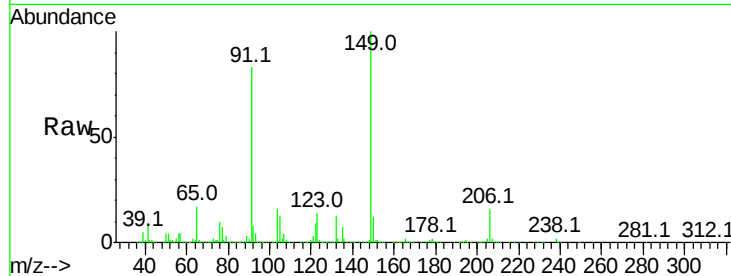
#79
Butylbenzylphthalate
Concen: 50.72 ng
RT: 13.39 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF091554.D
Acq: 13 Dec 2016 15:22

Instrument :
BNA_F
ClientSampleId :
SS08-0-2INMSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	83.3	57.4	86.2
206	15.8	15.4	23.2

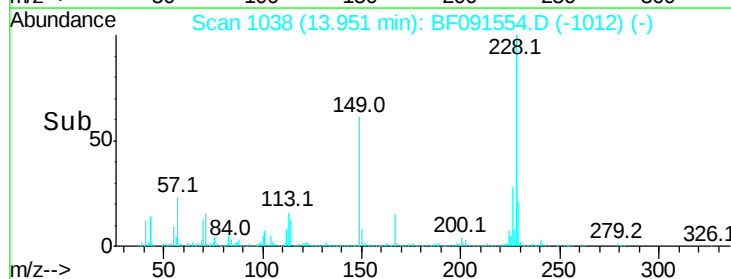
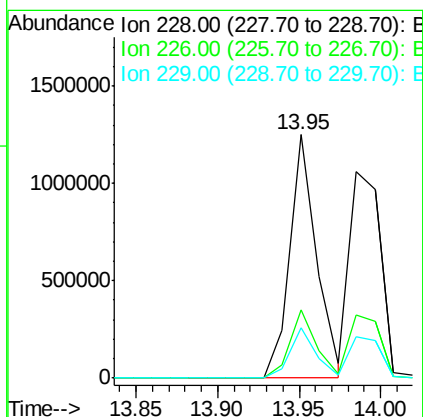
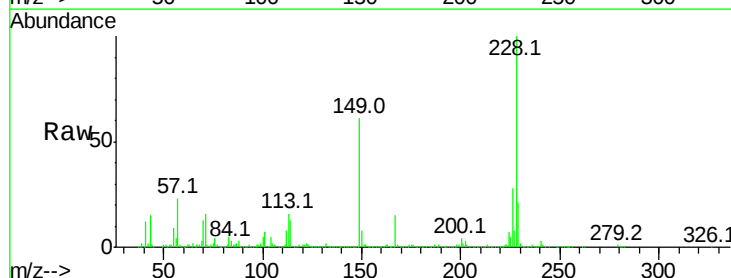
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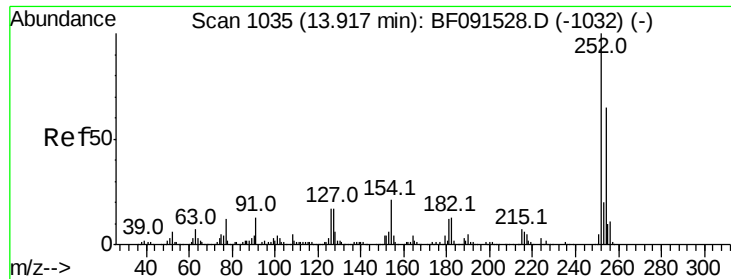
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#80
Benzo(a)anthracene
Concen: 44.72 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF091554.D
Acq: 13 Dec 2016 15:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.5	33.7
229	20.8	16.4	24.6





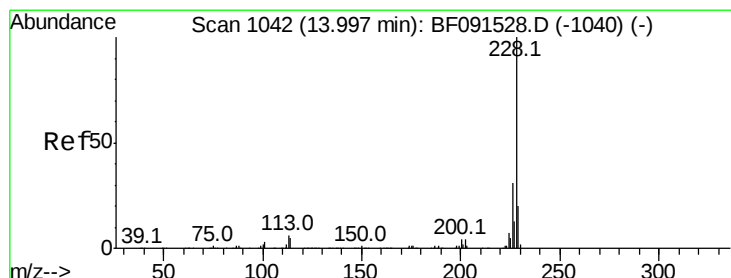
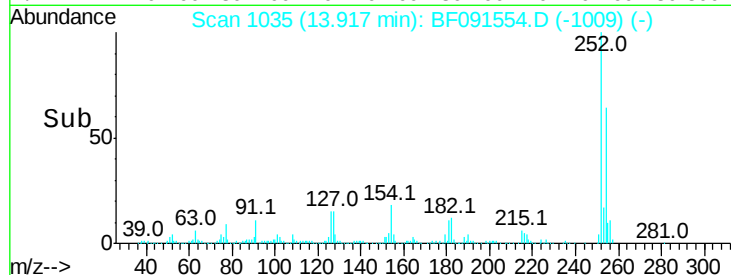
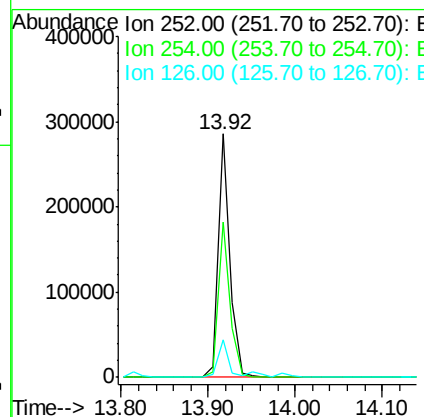
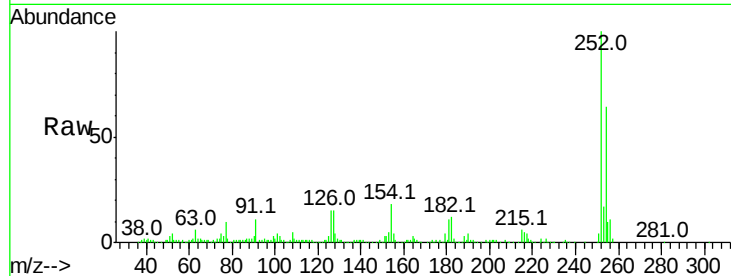
#81
 3,3'-Dichlorobenzidine
 Concen: 23.82 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF091554.D
 Acq: 13 Dec 2016 15:22

Instrument :
 BNA_F
 ClientSampleId :
 SS08-0-2INMSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	274502		
254	63.7	52.1	78.1	
126	15.4	7.5	11.3	

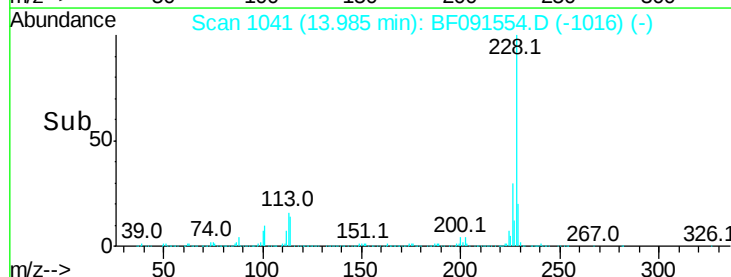
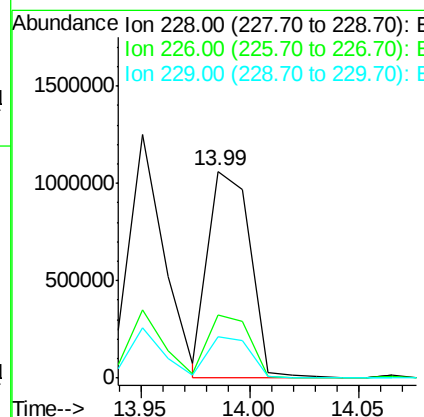
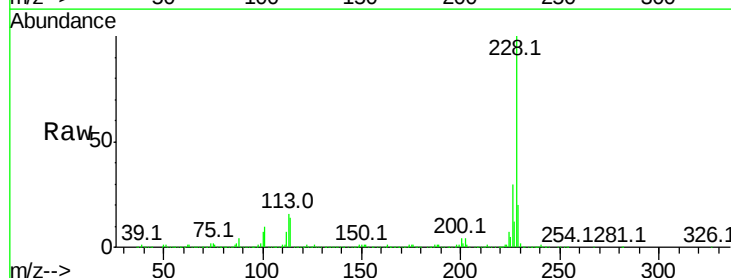
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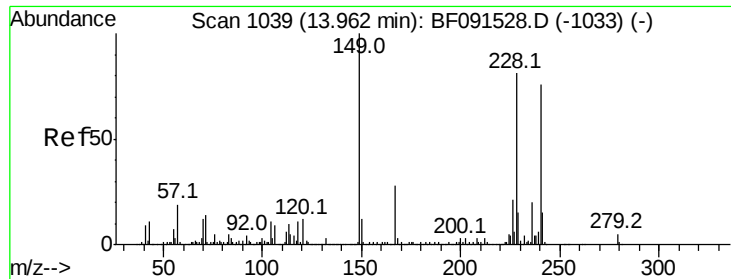
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#82
 Chrysene
 Concen: 42.20 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF091554.D
 Acq: 13 Dec 2016 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1416825		
226	30.4	25.0	37.4	
229	20.1	16.0	24.0	





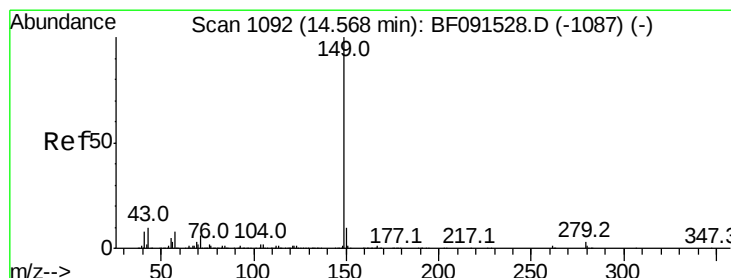
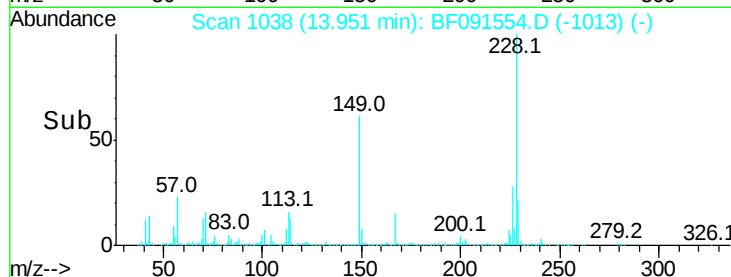
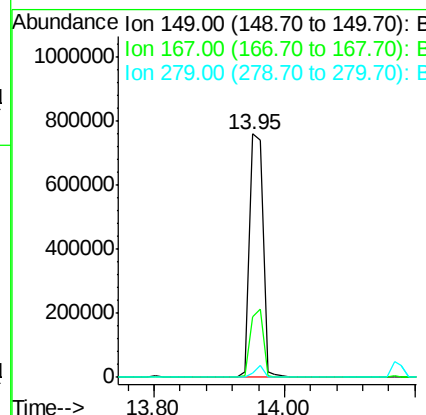
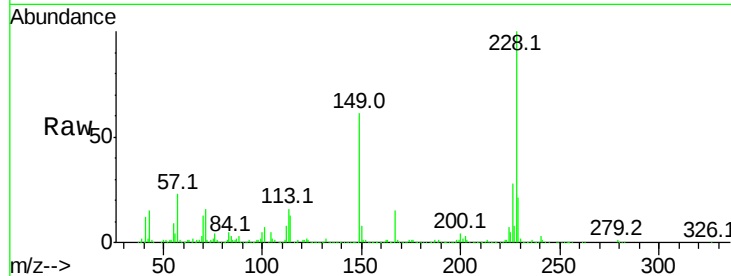
#83
Bis(2-ethylhexyl)phthalate
Concen: 48.67 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF091554.D
Acq: 13 Dec 2016 15:22

Instrument :
BNA_F
ClientSampleId :
SS08-0-2INMSD

Tot Ion:149 Resp: 1067015
Ion Ratio Lower Upper
149 100
167 24.8 19.6 29.4
279 1.9 1.9 2.9

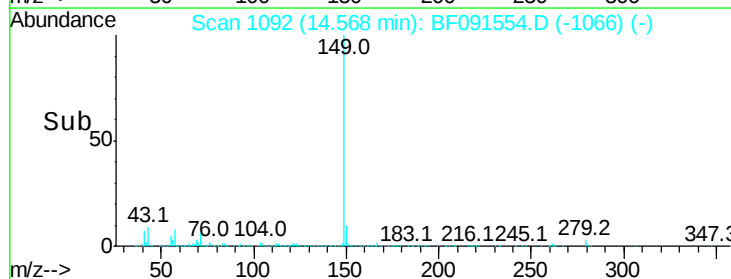
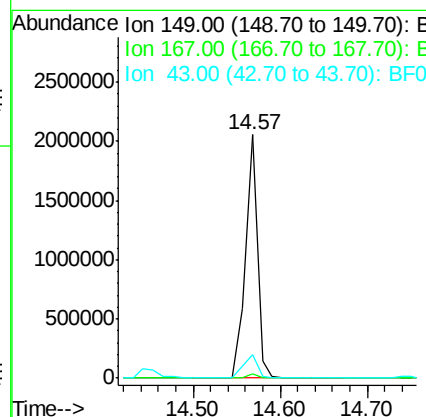
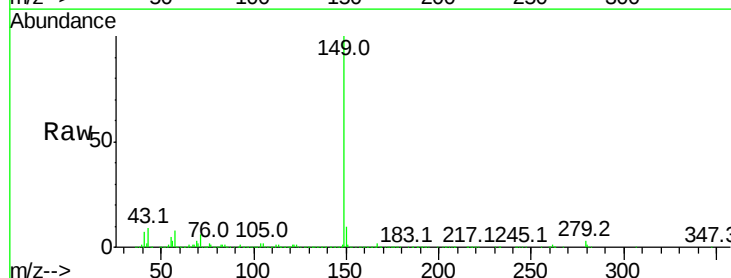
Manual Integrations
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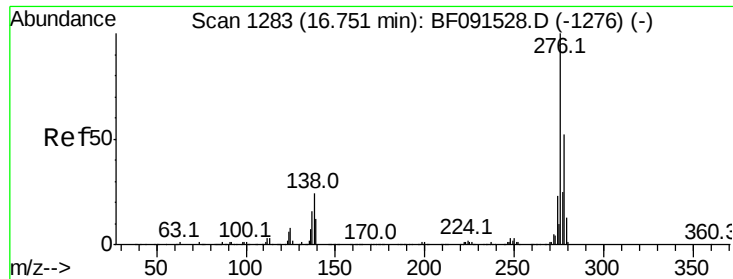
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#84
Di-n-octyl phthalate
Concen: 51.91 ng
RT: 14.57 min Scan# 1092
Delta R.T. -0.00 min
Lab File: BF091554.D
Acq: 13 Dec 2016 15:22

Tgt Ion:149 Resp: 1931772
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.0 11.9 17.9#





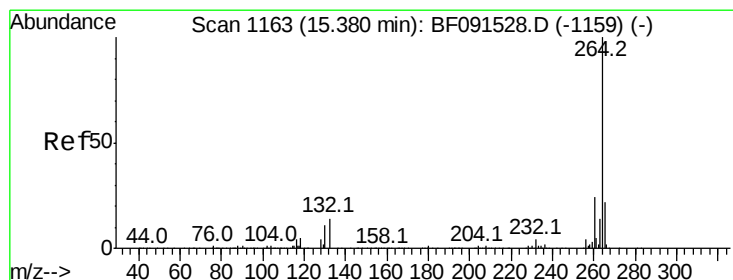
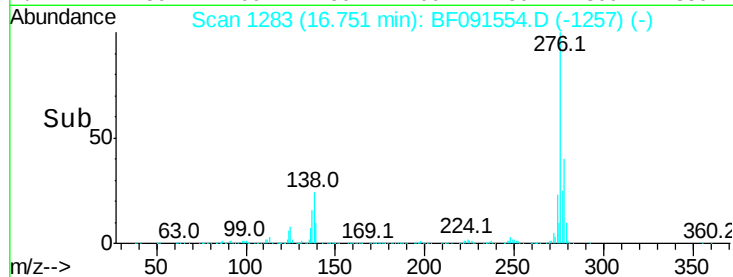
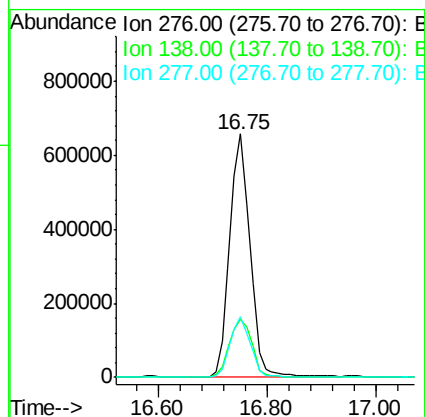
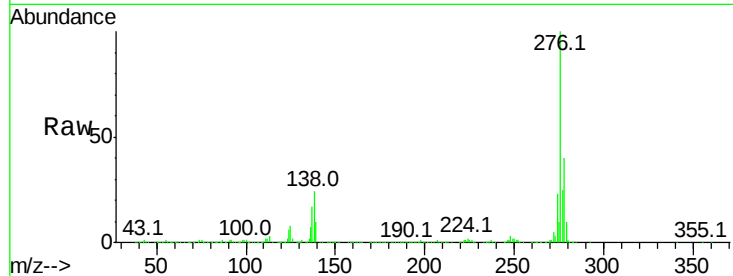
#85
Indeno(1,2,3-cd)pyrene
Concen: 56.40 ng
RT: 16.75 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF091554.D
Acq: 13 Dec 2016 15:22

Instrument :
BNA_F
ClientSampleId :
SS08-0-2INMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.6	21.0	31.4
277	24.9	20.2	30.2

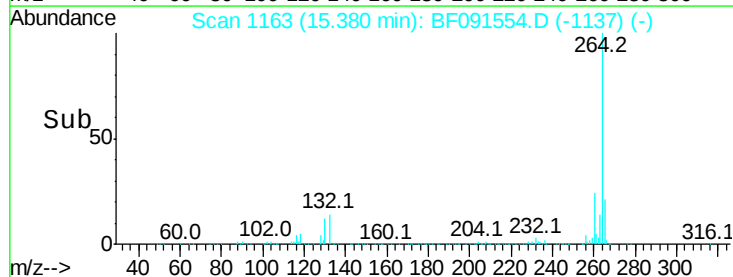
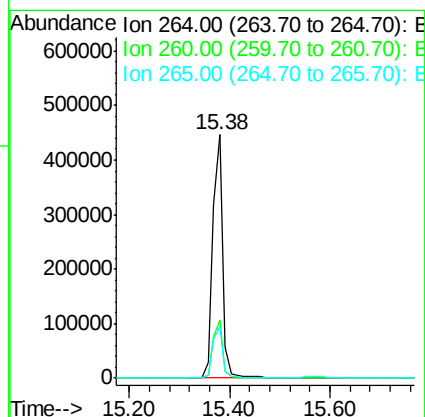
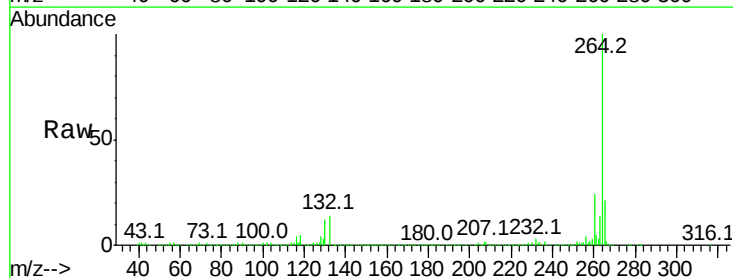
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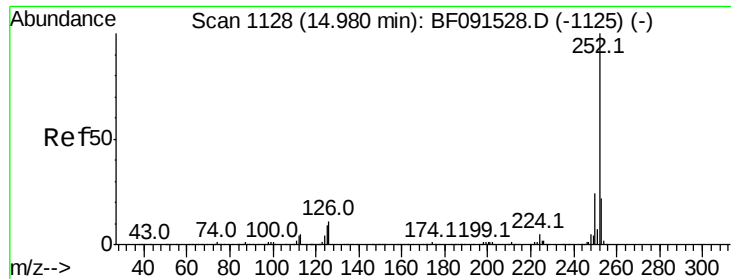
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF091554.D
Acq: 13 Dec 2016 15:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	21.4	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 44.88 ng m

RT: 14.98 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

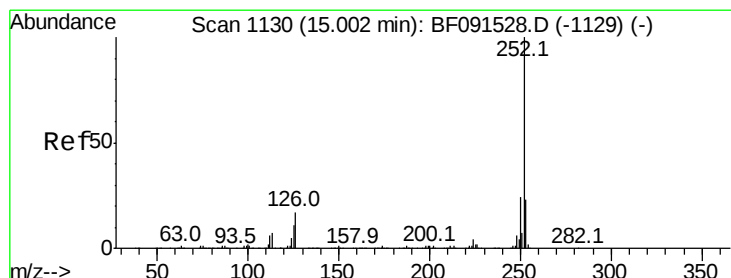
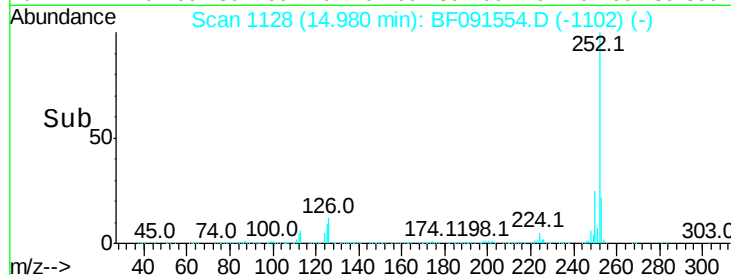
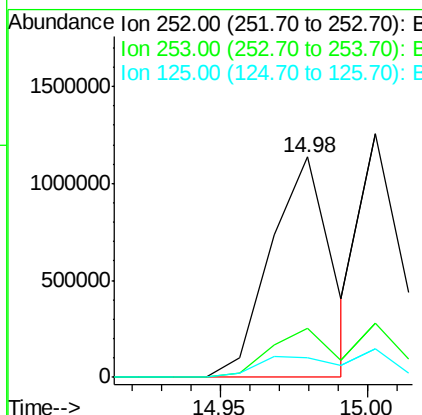
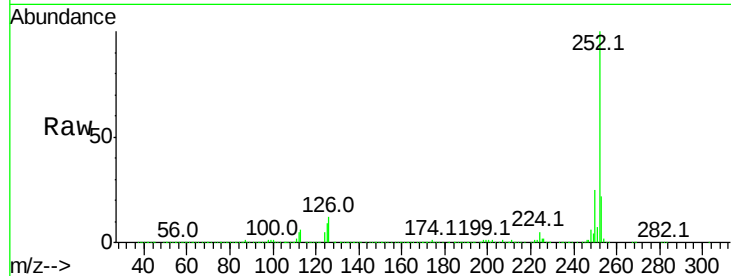
Instrument :
BNA_F

ClientSampleId :
SS08-0-2INMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	9.1	8.6	13.0

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#88

Benzo(k)fluoranthene

Concen: 38.78 ng m

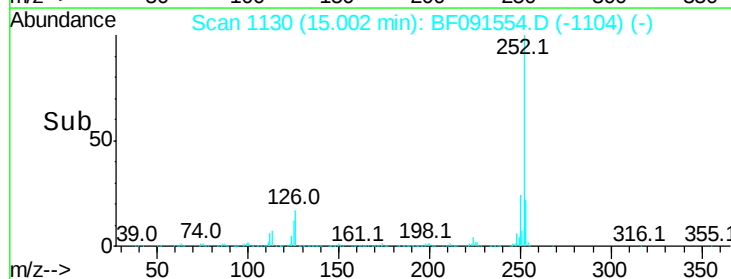
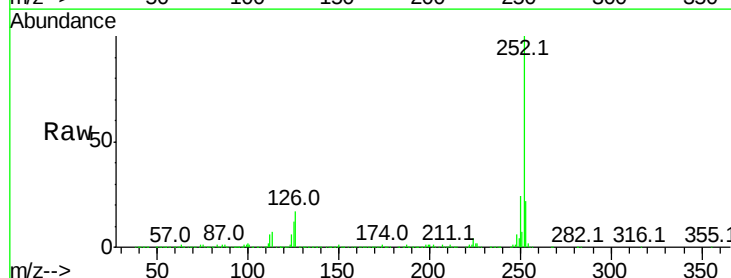
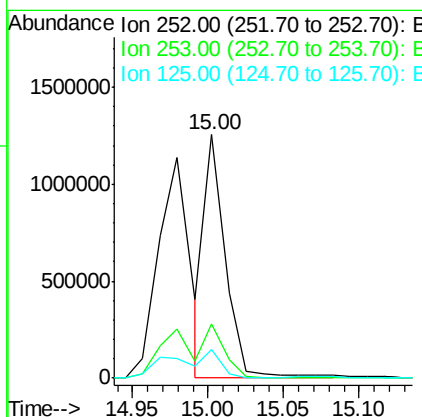
RT: 15.00 min Scan# 1130

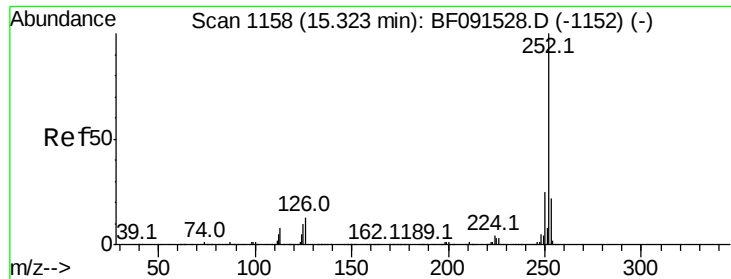
Delta R.T. -0.00 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	11.7	9.6	14.4





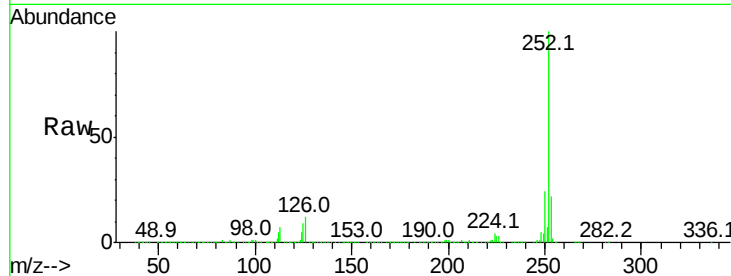
#89
Benzo(a)pyrene
Concen: 44.11 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF091554.D
Acq: 13 Dec 2016 15:22

Instrument :
BNA_F
ClientSampleId :
SS08-0-2INMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	9.4	10.4	15.6

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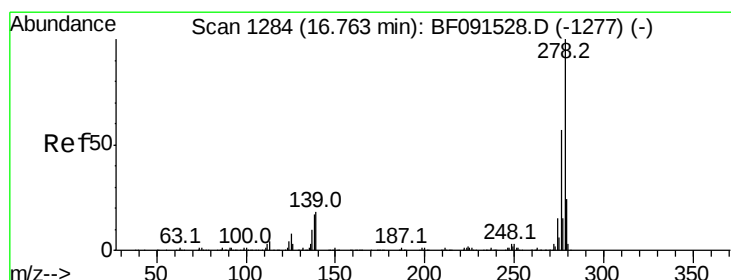
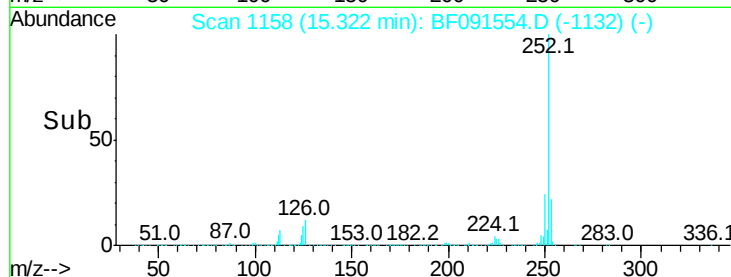
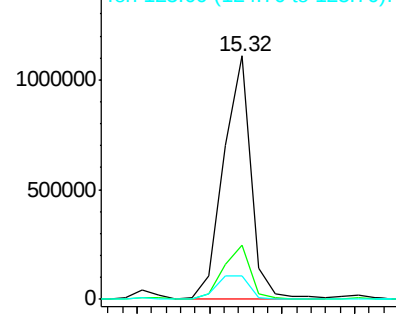


Abundance

Ion 252.00 (251.70 to 252.70): E

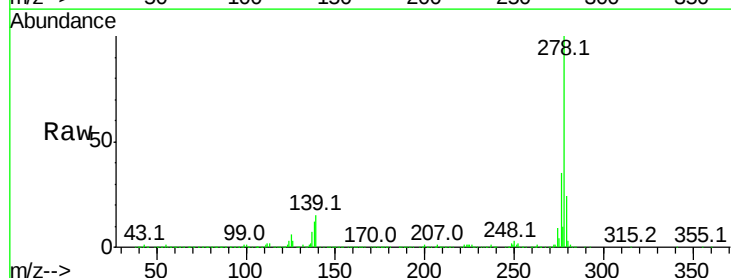
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Dibenzo(a,h)anthracene
Concen: 47.24 ng
RT: 16.77 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BF091554.D
Acq: 13 Dec 2016 15:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.6	15.1	22.7
279	23.9	19.0	28.6

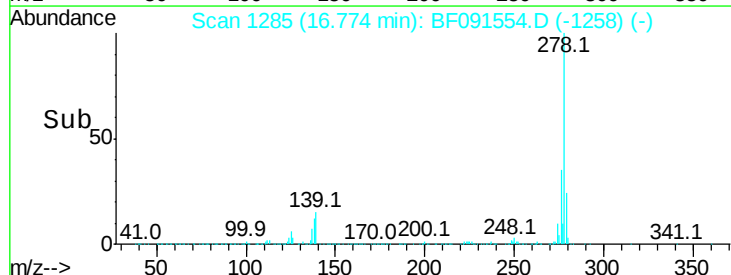
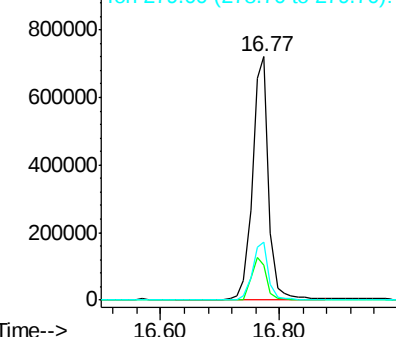


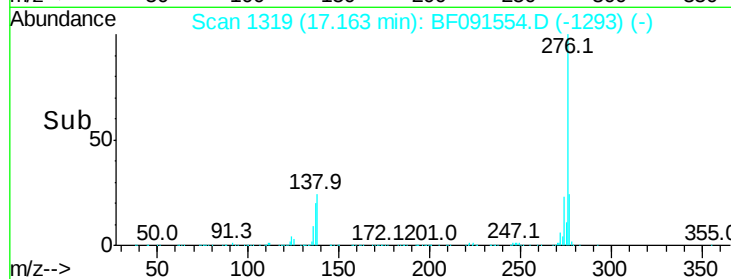
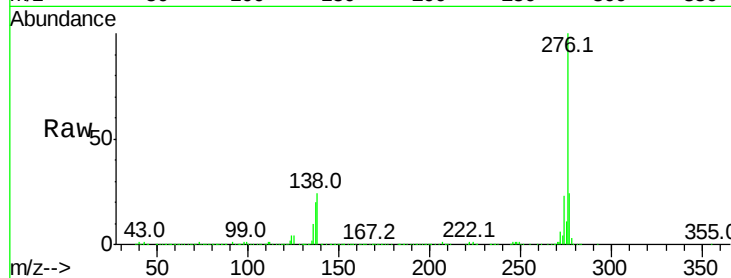
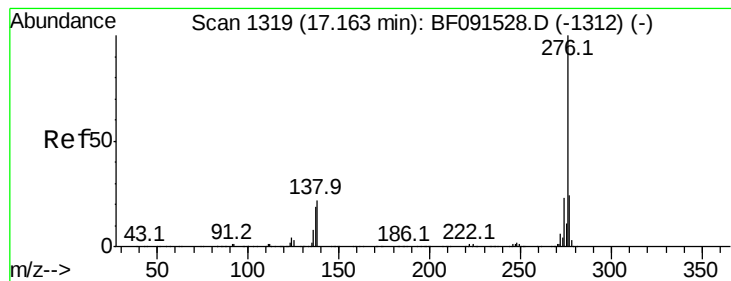
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 49.62 ng

RT: 17.16 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

Instrument :

BNA_F

ClientSampleId :

SS08-0-2INMSD

Tot Ion:276 Resp: 1478582

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 24.5 15.4 23.0#

Manual Integrations

APPROVED

sohil

12/14/2016 6:22:24 PM

