

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\
 Data File : BF092116.D
 Acq On : 6 Jan 2017 14:52
 Operator : UM/SJ
 Sample : PB95798BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95798BSD

Manual Integrations
 APPROVED

Sohil
 1/9/2017 10:47:38 AM

Quant Time: Jan 06 16:30:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	206347	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	667220	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	391027	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	642387	20.00	ng	0.00
75) Chrysene-d12	13.79	240	429781	20.00	ng	0.00
86) Perylene-d12	15.15	264	372449	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	939894	76.05	ng	0.01
7) Phenol-d6	6.31	99	1192787	79.06	ng	0.00
23) Nitrobenzene-d5	7.21	82	1090353	90.87	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	246468	76.16	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	1536892	79.73	ng	0.00
78) Terphenyl-d14	12.75	244	1789661	100.99	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.18	88	243588	40.04	ng	95
3) Pyridine	2.82	79	560596	26.40	ng	96
4) n-Nitrosodimethylamine	2.79	42	266490	33.27	ng	96
6) Aniline	6.30	93	326056	16.64	ng	# 61
8) 2-Chlorophenol	6.44	128	604841	43.03	ng	85
9) Benzaldehyde	6.18	77	47826	4.04	ng	98
10) Phenol	6.32	94	802235	46.66	ng	# 65
11) bis(2-Chloroethyl)ether	6.38	93	580463	42.43	ng	96
12) 1,3-Dichlorobenzene	6.58	146	603444	40.21	ng	99
13) 1,4-Dichlorobenzene	6.65	146	601444	39.38	ng	99
14) 1,2-Dichlorobenzene	6.81	146	583140	44.00	ng	99
15) Benzyl Alcohol	6.80	79	481879	41.10	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.94	45	835049	40.99	ng	87
17) 2-Methylphenol	6.93	107	496158	43.89	ng	95
18) Hexachloroethane	7.16	117	223075	39.39	ng	94
19) n-Nitroso-di-n-propylamine	7.08	70	450407	44.87	ng	# 88
20) 3+4-Methylphenols	7.09	107	650804	48.26	ng	# 72
22) Acetophenone	7.06	105	863499	52.47	ng	# 88
24) Nitrobenzene	7.24	77	612932	47.96	ng	91
25) Isophorone	7.48	82	952381	43.02	ng	97
26) 2-Nitrophenol	7.56	139	234195	37.16	ng	# 79
27) 2,4-Dimethylphenol	7.60	122	373479	35.73	ng	97
28) bis(2-Chloroethoxy)methane	7.69	93	575411	42.86	ng	100
29) 2,4-Dichlorophenol	7.80	162	355352	40.15	ng	# 85
30) 1,2,4-Trichlorobenzene	7.88	180	377544	38.92	ng	96
31) Naphthalene	7.96	128	1331406	43.60	ng	99
32) Benzoic acid	7.75	122	297757	38.40	ng	98
33) 4-Chloroaniline	8.01	127	100500	7.30	ng	# 92
34) Hexachlorobutadiene	8.07	225	234890	45.88	ng	98
35) Caprolactam	8.39	113	129878m	44.65	ng	
36) 4-Chloro-3-methylphenol	8.52	107	456276	44.80	ng	97
37) 2-Methylnaphthalene	8.64	142	867316	48.03	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	382692	38.74	ng	99
40) Hexachlorocyclopentadiene	8.80	237	362957	82.37	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	246353	35.66	nq	95
43) 2,4,5-Trichlorophenol	8.98	196	247687	34.83	nq	# 81
45) 1,1'-Biphenyl	9.11	154	1154676	43.13	nq	99
46) 2-Chloronaphthalene	9.13	162	854253	40.29	nq	98
47) 2-Nitroaniline	9.24	65	335722	44.47	nq	93
48) Acenaphthylene	9.54	152	1437688	44.09	nq	99
49) Dimethylphthalate	9.42	163	1017679	40.69	nq	99
50) 2,6-Dinitrotoluene	9.48	165	216007	39.46	nq	# 70
51) Acenaphthene	9.72	154	899235	40.68	nq	99
52) 3-Nitroaniline	9.65	138	96608	14.26	nq	# 79
53) 2,4-Dinitrophenol	9.76	184	253401	83.20	nq	# 91
54) Dibenzofuran	9.89	168	1220064	40.87	nq	98
55) 4-Nitrophenol	9.84	139	349158	75.91	nq	# 73
56) 2,4-Dinitrotoluene	9.89	165	312481	45.48	nq	92
57) Fluorene	10.23	166	953206	43.88	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	257078	45.71	nq	98
59) Diethylphthalate	10.12	149	1050460	43.25	nq	98
60) 4-Chlorophenyl-phenylether	10.22	204	387506	40.74	nq	99
61) 4-Nitroaniline	10.26	138	269836	38.44	nq	87
62) Azobenzene	10.38	77	1154661	43.18	nq	99
64) 4,6-Dinitro-2-methylphenol	10.29	198	159991	41.19	nq	# 53
65) n-Nitrosodiphenylamine	10.34	169	853947	44.80	nq	100
66) 4-Bromophenyl-phenylether	10.71	248	292301	43.74	nq	# 88
67) Hexachlorobenzene	10.77	284	281609	39.43	nq	# 79
68) Atrazine	10.88	200	307056	49.94	nq	96
69) Pentachlorophenol	10.97	266	286751	81.82	nq	98
70) Phenanthrene	11.18	178	1320685	37.92	nq	99
71) Anthracene	11.24	178	1562909	54.54	nq	98
72) Carbazole	11.40	167	1411451	54.07	nq	98
73) Di-n-butylphthalate	11.73	149	1553745	47.28	nq	99
74) Fluoranthene	12.37	202	1474921	48.57	nq	91
76) Benzidine	12.49	184	442156	39.20	nq	96
77) Pyrene	12.59	202	1376654	43.66	nq	100
79) Butylbenzylphthalate	13.23	149	687776	47.96	nq	# 79
80) Benzo(a)anthracene	13.77	228	1134713	46.77	nq	100
81) 3,3'-Dichlorobenzidine	13.74	252	163397	17.76	nq	99
82) Chrysene	13.81	228	948712	38.99	nq	98
83) Bis(2-ethylhexyl)phthalate	13.79	149	794181	47.02	nq	# 98
84) Di-n-octyl phthalate	14.39	149	1280541	40.93	nq	99
85) Indeno(1,2,3-cd)pyrene	16.43	276	900348	42.71	nq	99
87) Benzo(b)fluoranthene	14.78	252	987034m	42.57	nq	
88) Benzo(k)fluoranthene	14.80	252	806506m	40.79	nq	
89) Benzo(a)pyrene	15.10	252	866987	42.13	nq	98
90) Dibenzo(a,h)anthracene	16.44	278	737793	43.61	nq	97
91) Benzo(g,h,i)perylene	16.80	276	769905	43.77	nq	98

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

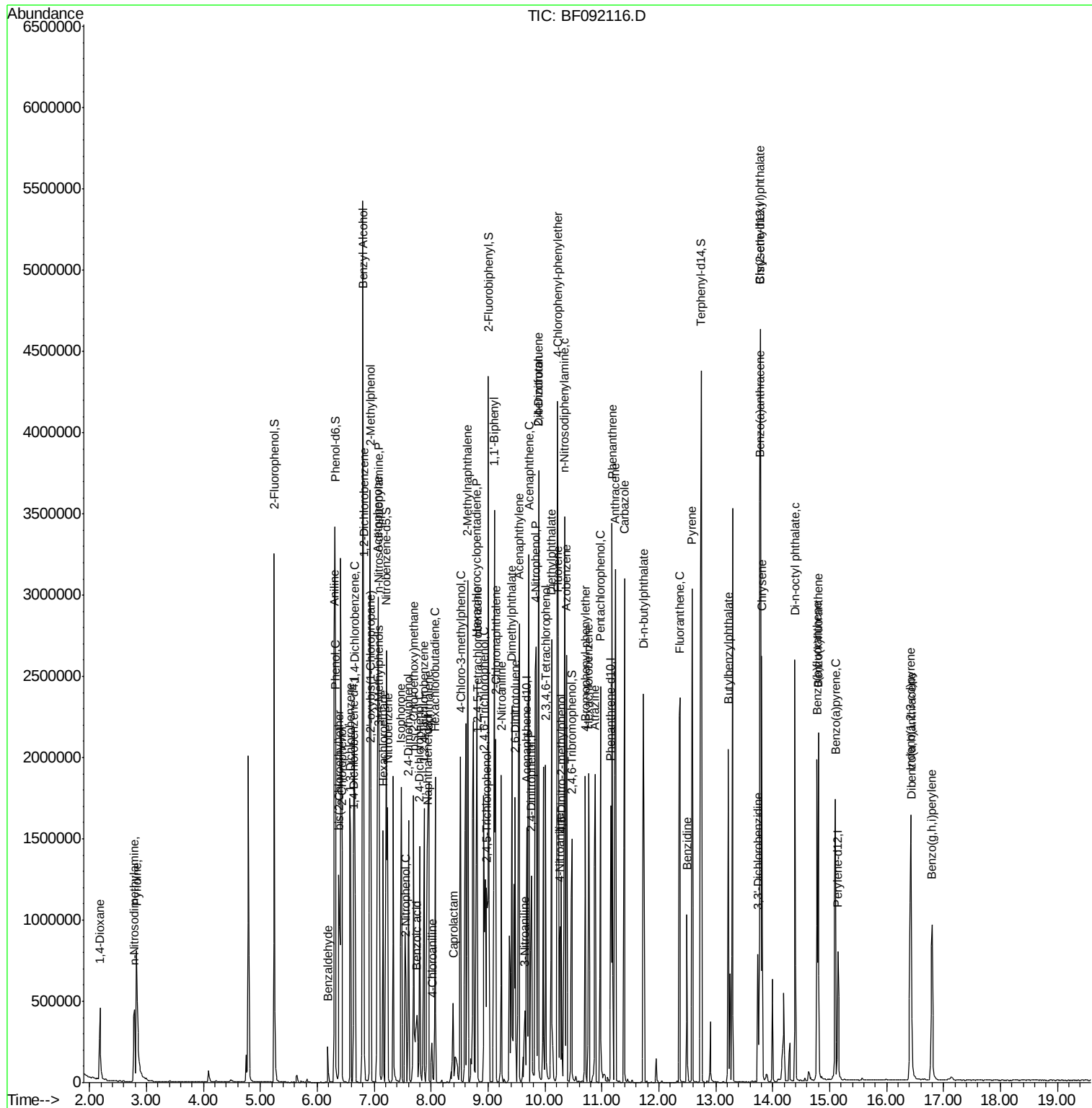
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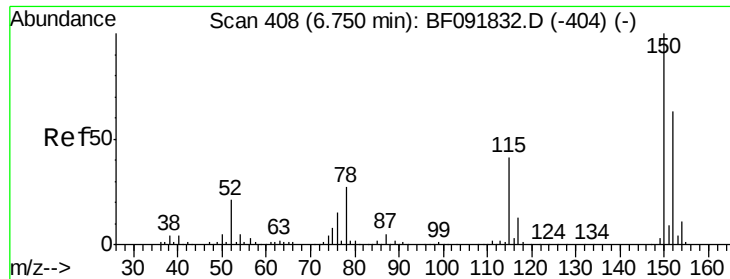
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#1

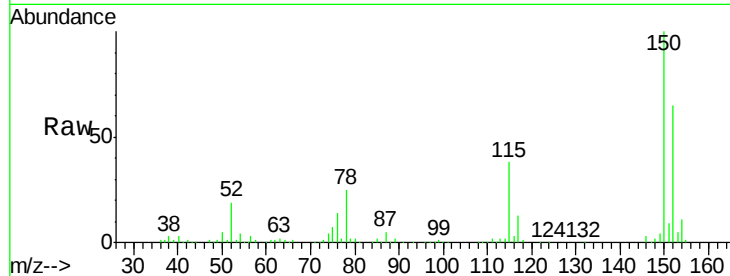
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Instrument :
BNA_F
ClientSampleId :
PB95798BSD

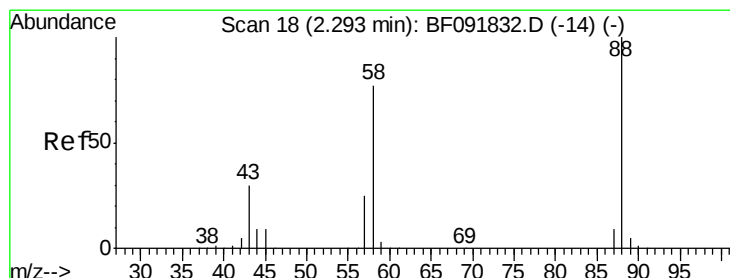
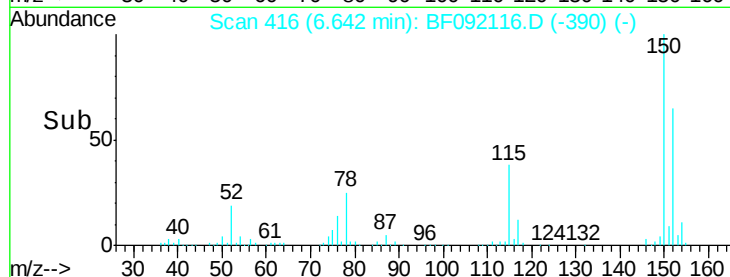
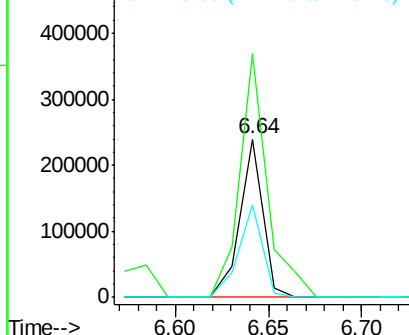
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.9	187.3
115	58.3	46.0	69.0

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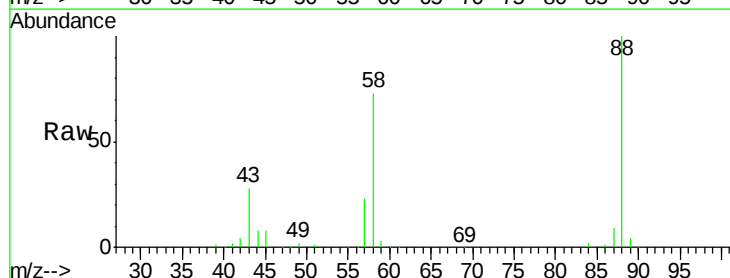
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



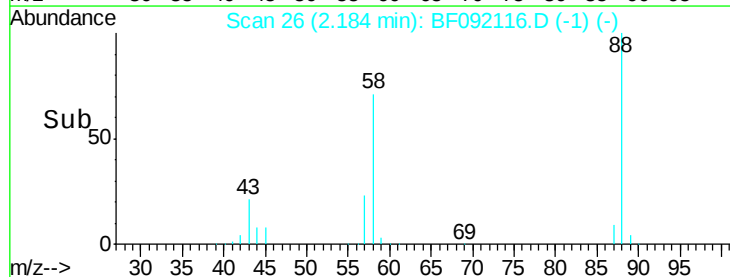
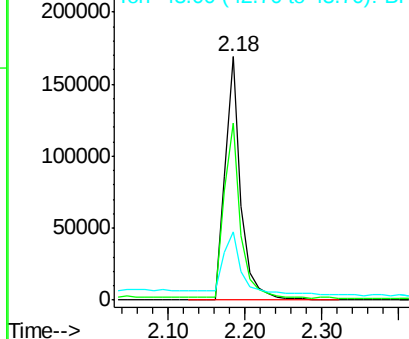
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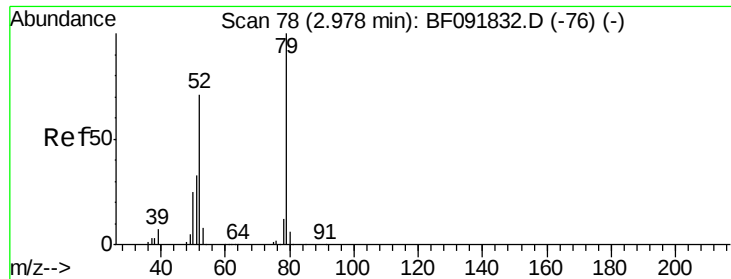
1,4-Dioxane
Concen: 40.04 ng
RT: 2.18 min Scan# 26
Delta R.T. 0.10 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.0	57.8	86.8
43	31.7	22.3	33.5



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 26.40 ng

RT: 2.82 min Scan# 82

Delta R.T. 0.09 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

Instrument :

BNA_F

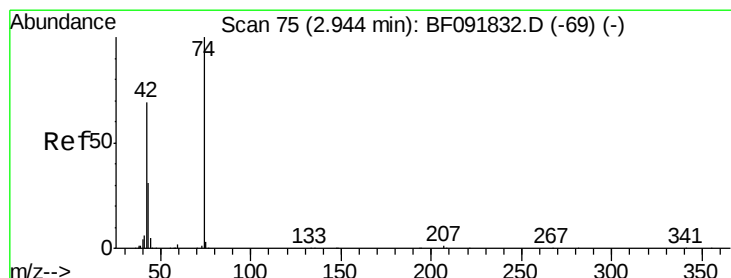
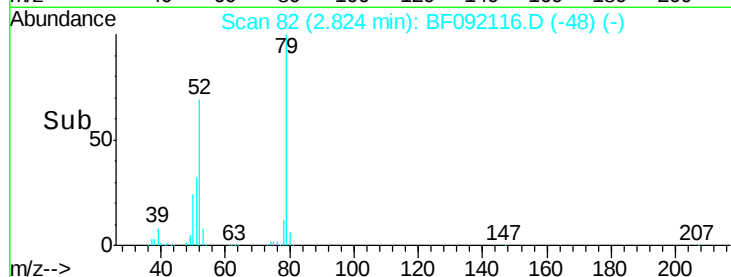
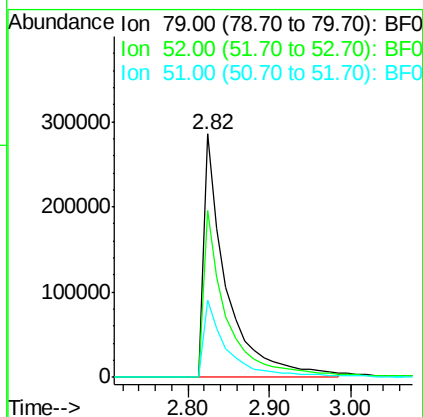
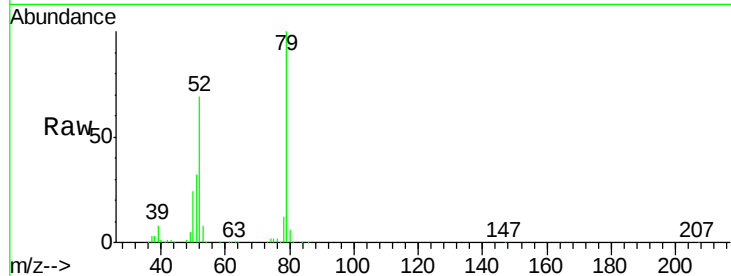
ClientSampleId :

PB95798BSD

Tot Ion:	79	Resp:	560596
Ion	Ratio	Lower	Upper
79	100		
52	68.5	57.1	85.7
51	31.8	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 33.27 ng

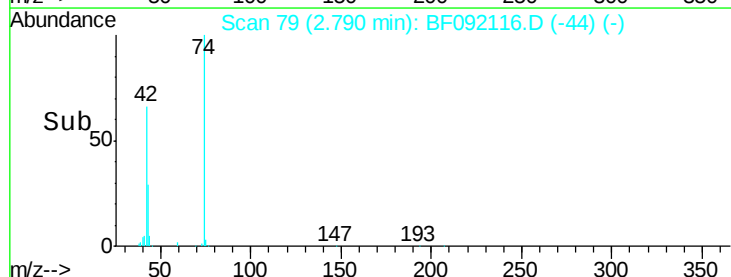
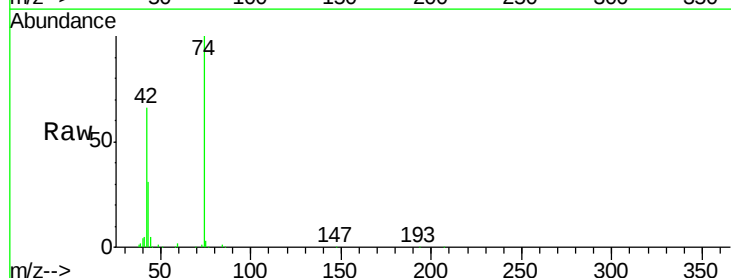
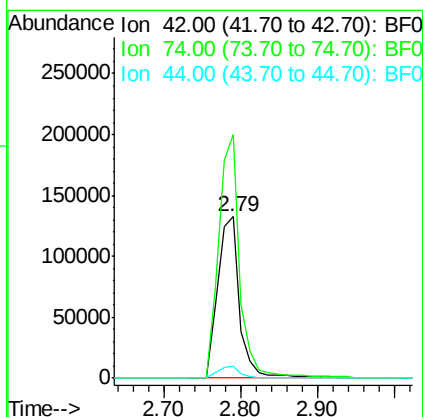
RT: 2.79 min Scan# 79

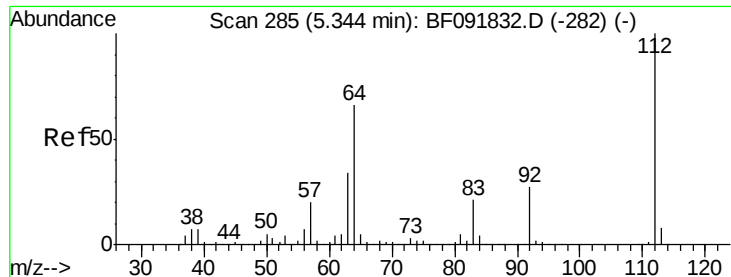
Delta R.T. 0.10 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

Tgt Ion:	42	Resp:	266490
Ion	Ratio	Lower	Upper
42	100		
74	150.8	117.0	175.4
44	7.3	5.5	8.3





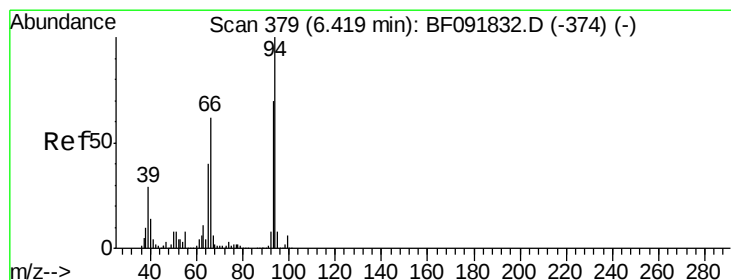
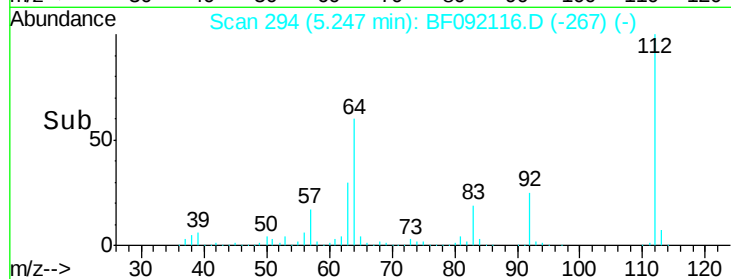
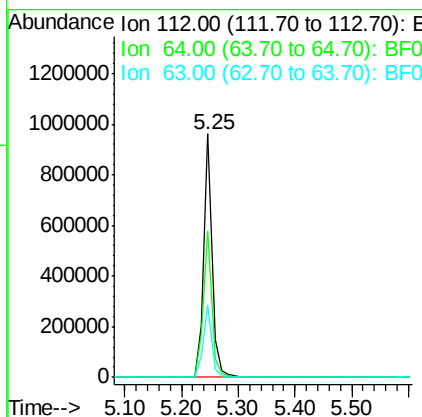
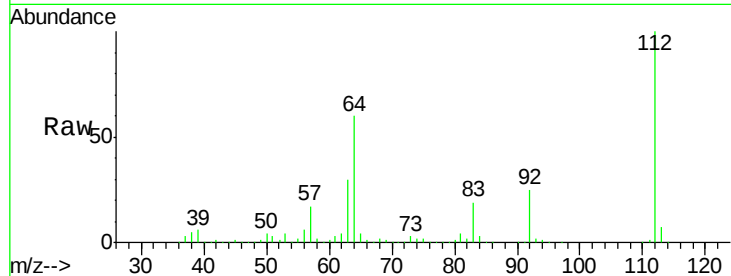
#5
2-Fluorophenol
Concen: 76.05 ng
RT: 5.25 min Scan# 294
Delta R.T. 0.01 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

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Tot Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	59.9	46.1	69.1
63	29.9	23.8	35.6

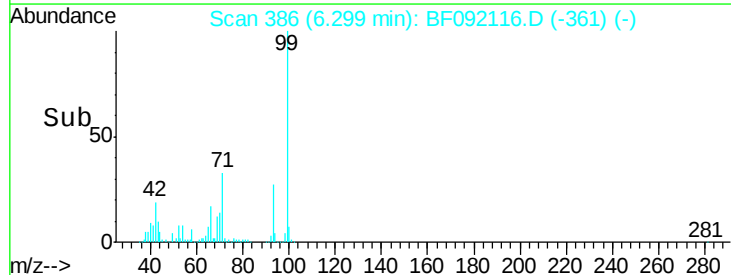
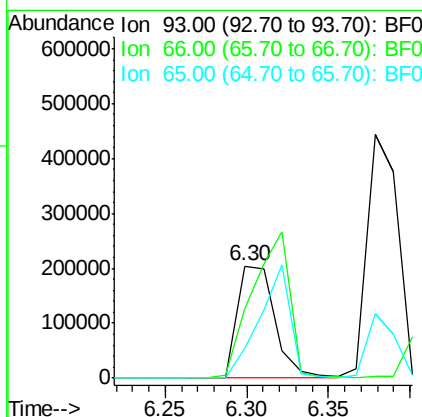
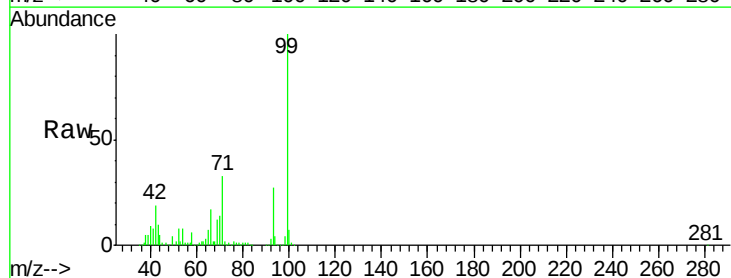
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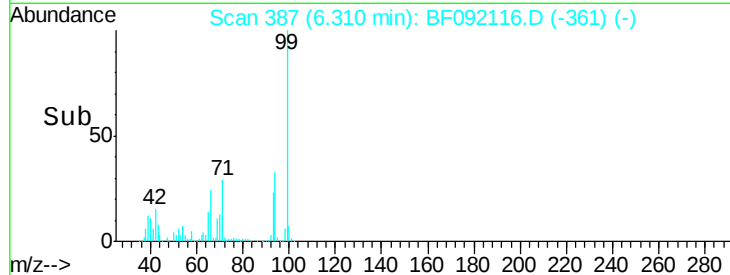
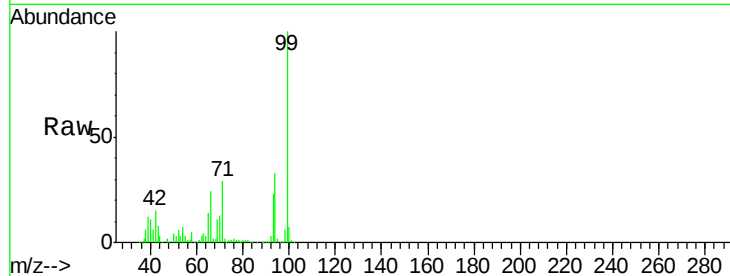
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#6
Aniline
Concen: 16.64 ng
RT: 6.30 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	61.9	76.2	114.2#
65	26.5	49.3	73.9#





#7

Phenol-d6

Concen: 79.06 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

Tot Ion:	99	Resp:	1192787
Ion	Ratio	Lower	Upper
99	100		
42	15.3	15.6	23.4#
71	28.8	27.5	41.3

Instrument :

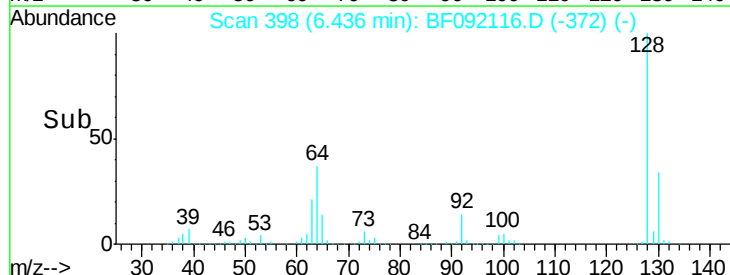
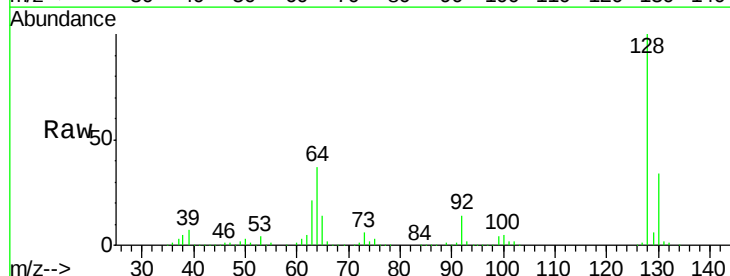
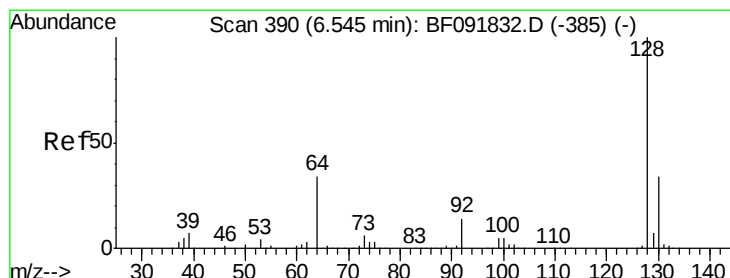
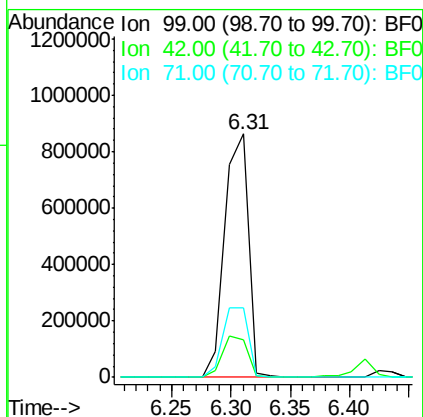
BNA_F

ClientSampled :

PB95798BSD

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#8

2-Chlorophenol

Concen: 43.03 ng

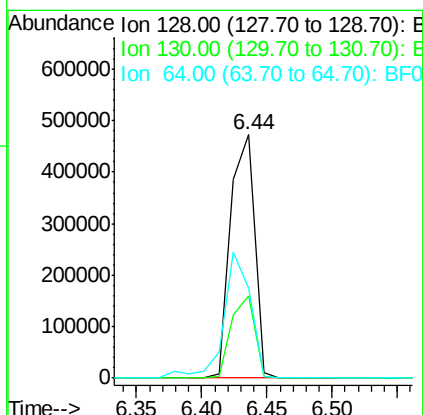
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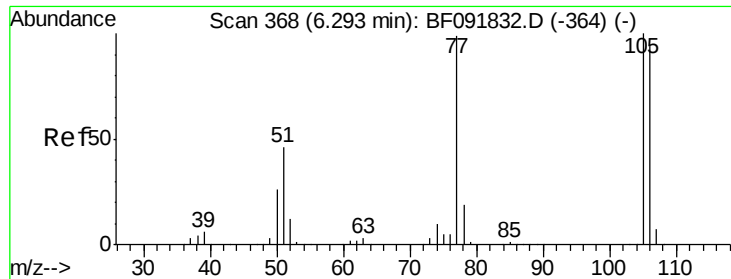
Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

Tgt Ion:	128	Resp:	604841
Ion	Ratio	Lower	Upper
128	100		
130	34.0	12.3	52.3
64	37.0	32.2	72.2





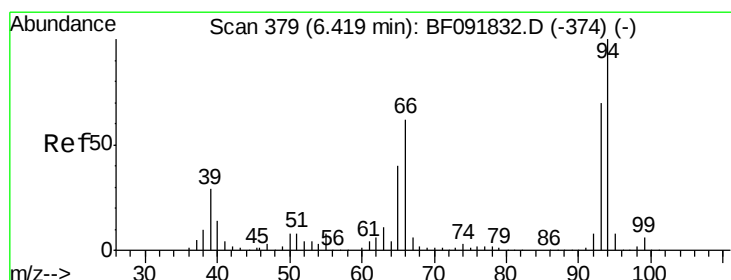
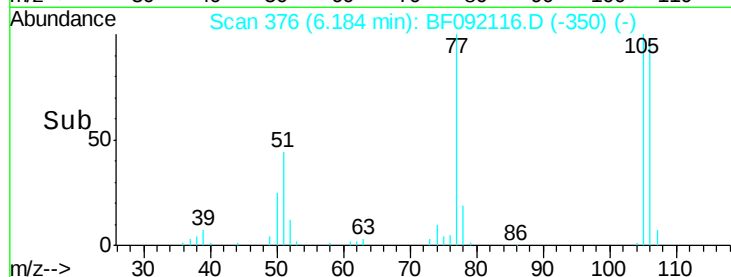
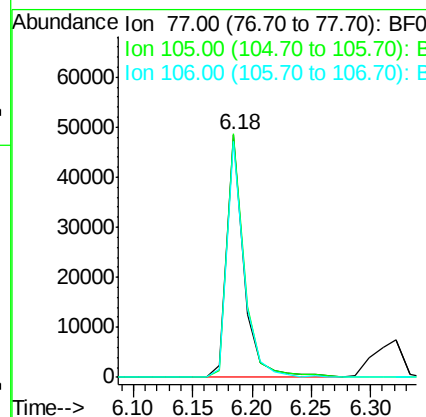
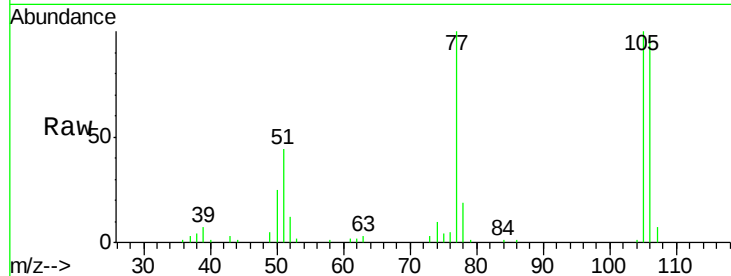
#9
Benzaldehyde
Concen: 4.04 ng
RT: 6.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: BF092116.D
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ClientSampleId :
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Tot Ion: 77 Resp: 47826
Ion Ratio Lower Upper
77 100
105 100.4 83.9 123.9
106 97.2 77.6 117.6

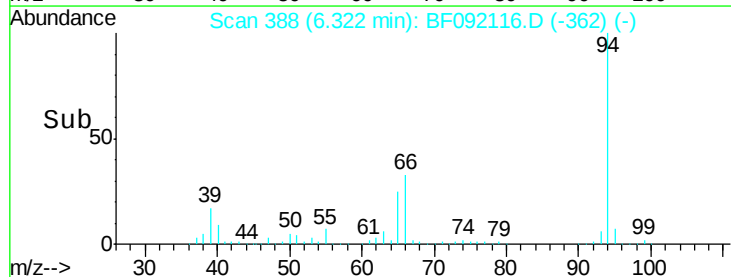
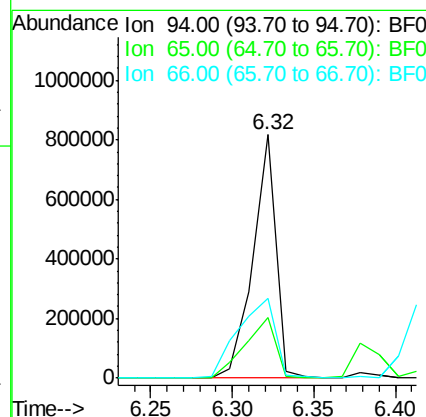
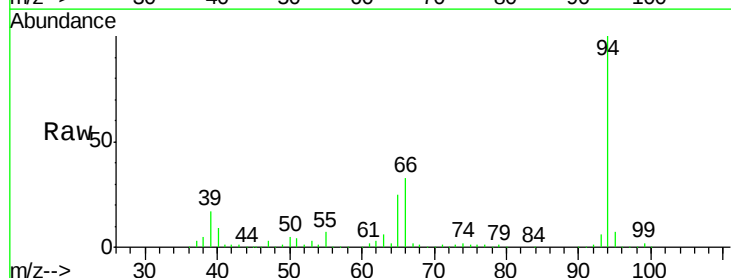
Manual Integrations
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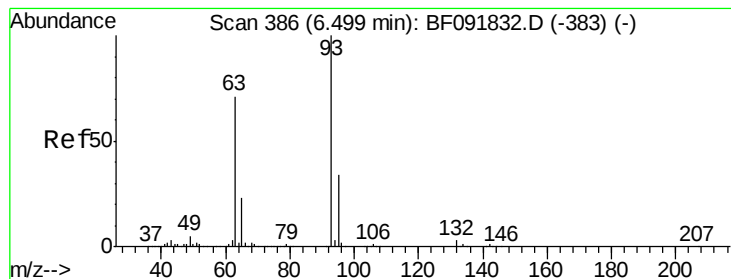
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#10
Phenol
Concen: 46.66 ng
RT: 6.32 min Scan# 388
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Tgt Ion: 94 Resp: 802235
Ion Ratio Lower Upper
94 100
65 25.1 21.4 61.4
66 32.6 44.0 84.0#





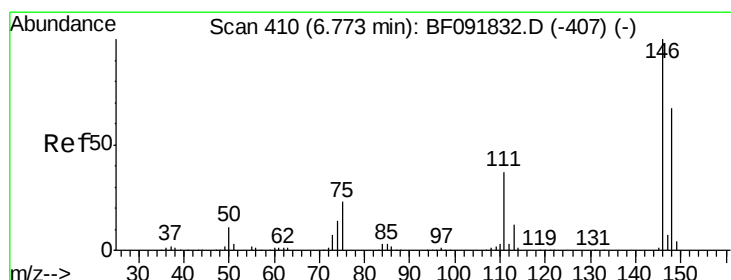
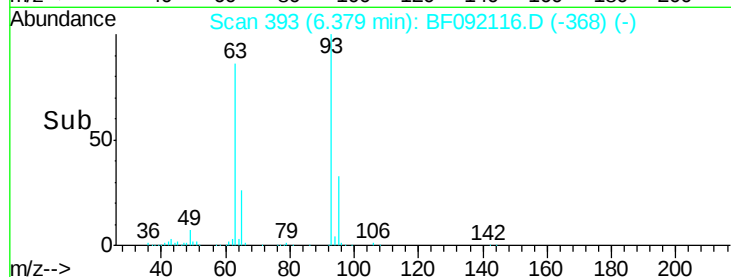
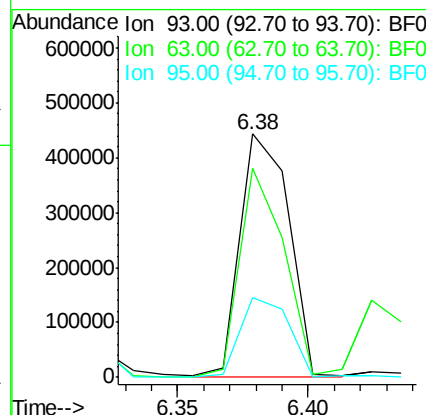
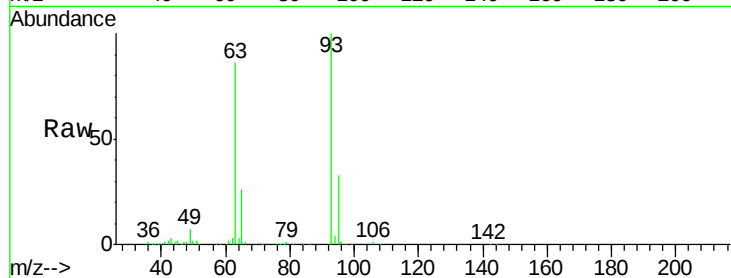
#11
bis(2-Chloroethyl)ether
Concen: 42.43 ng
RT: 6.38 min Scan# 393
Delta R.T. -0.01 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Instrument :
BNA_F
ClientSampleId :
PB95798BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.7	60.4	100.4
95	32.6	12.8	52.8

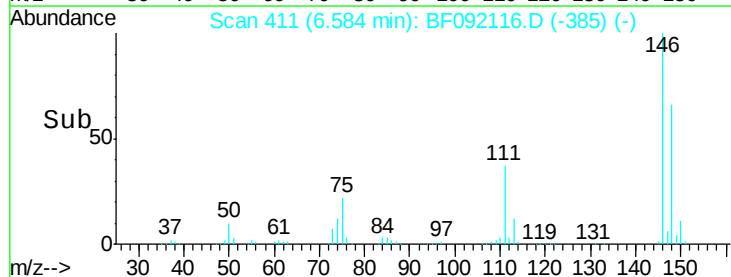
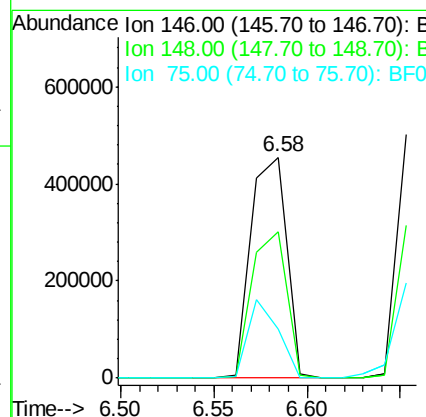
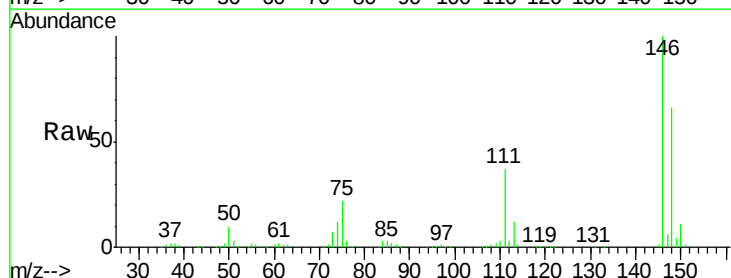
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#12
1,3-Dichlorobenzene
Concen: 40.21 ng
RT: 6.58 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	53.4	80.0
75	22.2	18.5	27.7





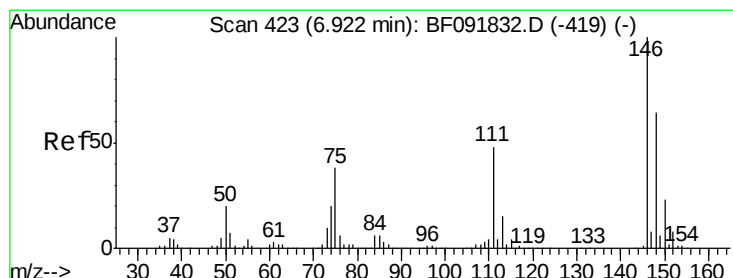
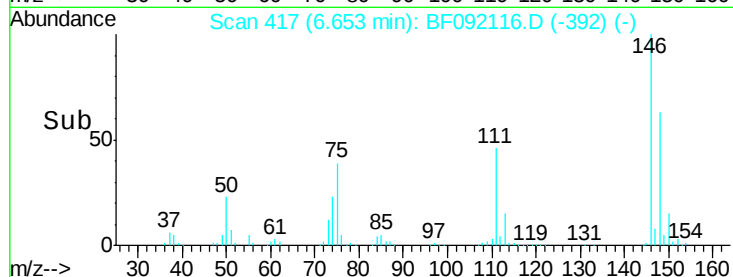
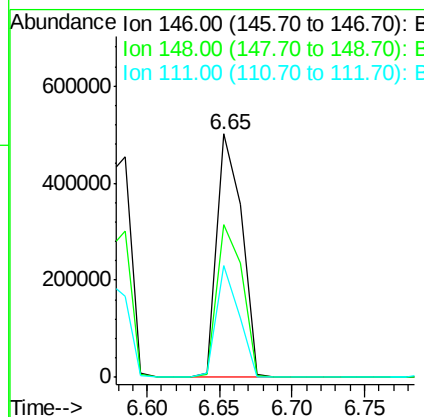
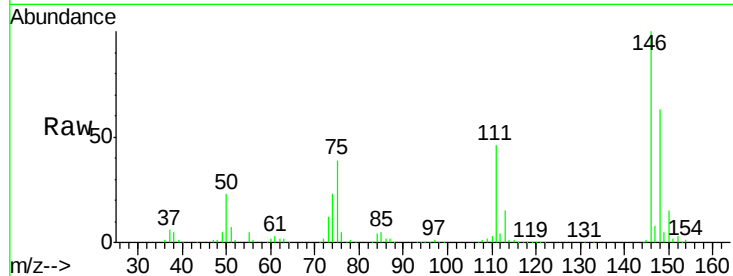
#13
1,4-Dichlorobenzene
Concen: 39.38 ng
RT: 6.65 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Instrument :
BNA_F
ClientSampleId :
PB95798BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		601444		
148	62.5	50.6	76.0		
111	46.1	36.2	54.4		

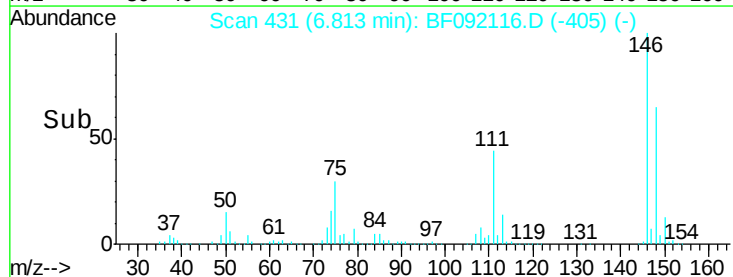
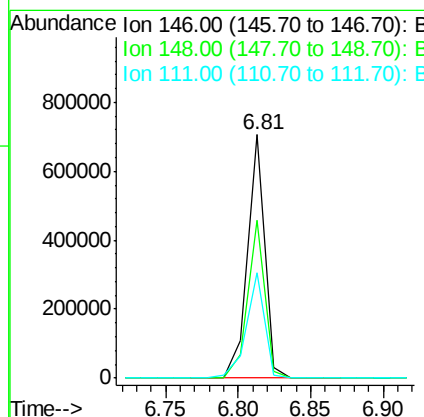
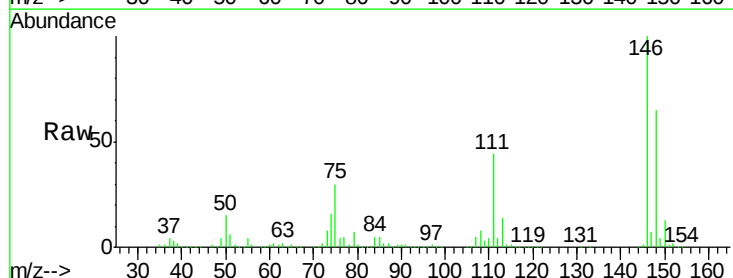
Manual Integrations
APPROVED

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#14
1,2-Dichlorobenzene
Concen: 44.00 ng
RT: 6.81 min Scan# 431
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		583140		
148	64.8	52.2	78.2		
111	43.5	36.2	54.2		





#15

Benzyl Alcohol

Concen: 41.10 ng

RT: 6.80 min Scan# 430

Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

Instrument :

BNA_F

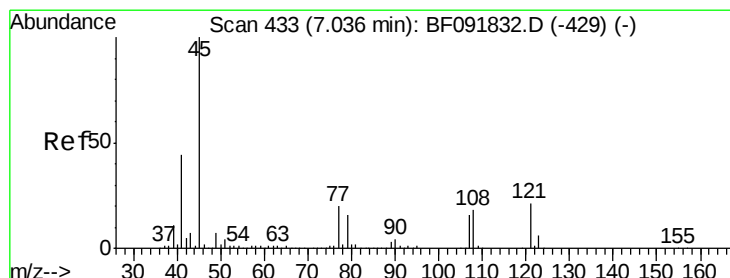
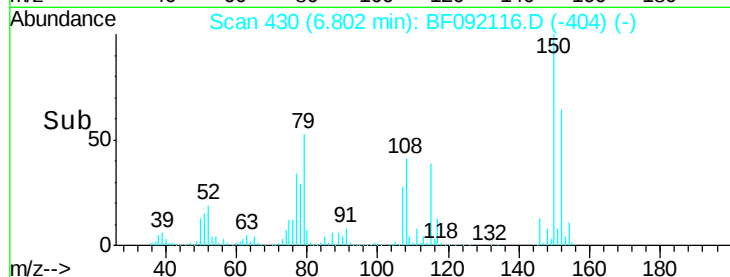
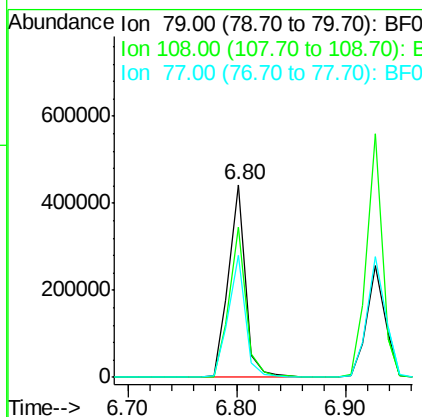
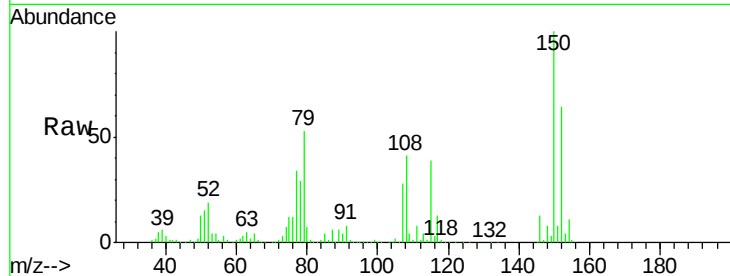
ClientSampled :

PB95798BSD

Tot Ion:	79	Resp:	481879
Ion	Ratio	Lower	Upper
79	100		
108	77.9	61.4	92.0
77	63.7	50.9	76.3

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.99 ng

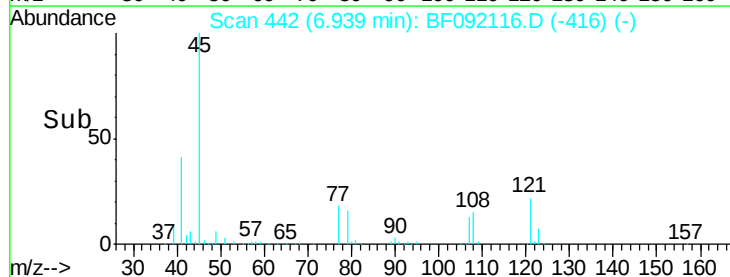
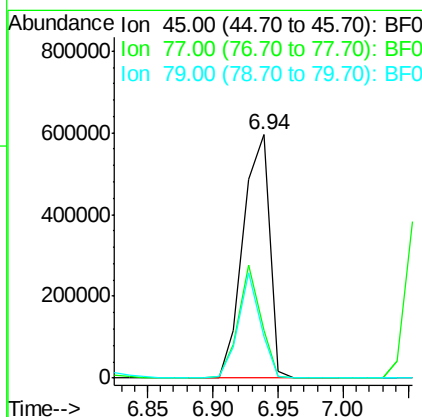
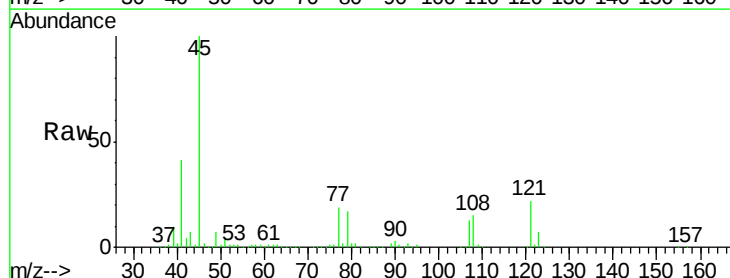
RT: 6.94 min Scan# 442

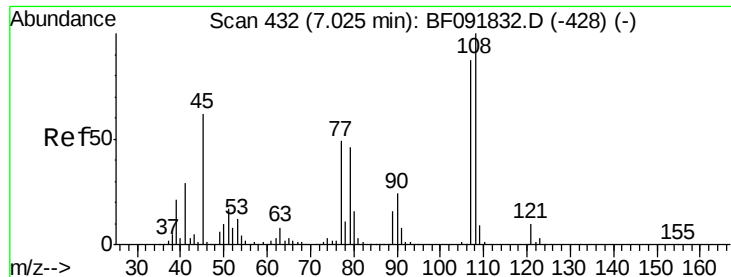
Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

Tgt Ion:	45	Resp:	835049
Ion	Ratio	Lower	Upper
45	100		
77	19.5	0.0	34.6
79	16.7	0.0	31.2





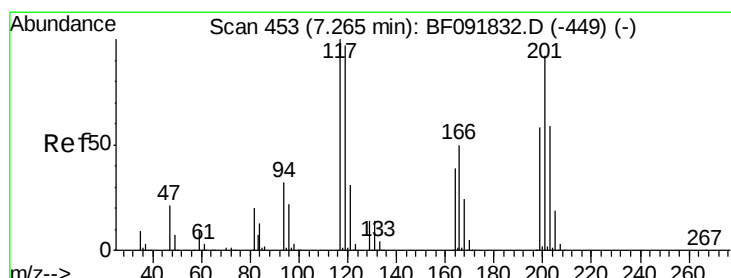
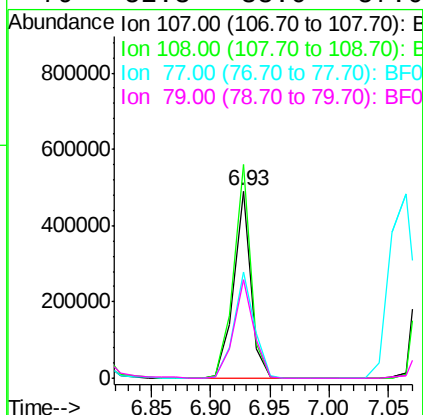
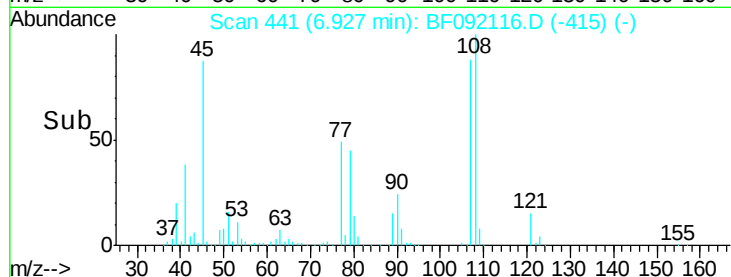
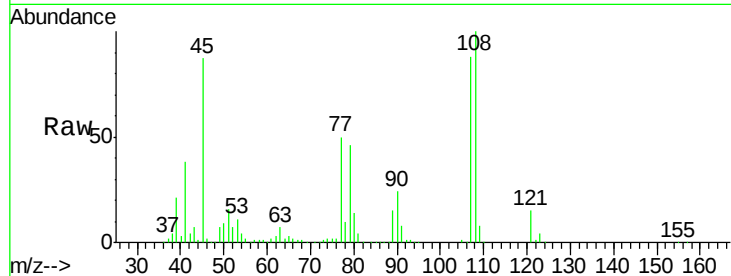
#17
2-Methylphenol
Concen: 43.89 ng
RT: 6.93 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Instrument :
BNA_F
ClientSampleId :
PB95798BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.0	93.0	139.6	
77	56.6	39.8	59.8	
79	52.3	38.0	57.0	

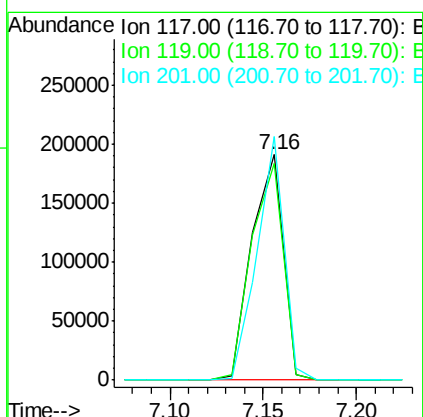
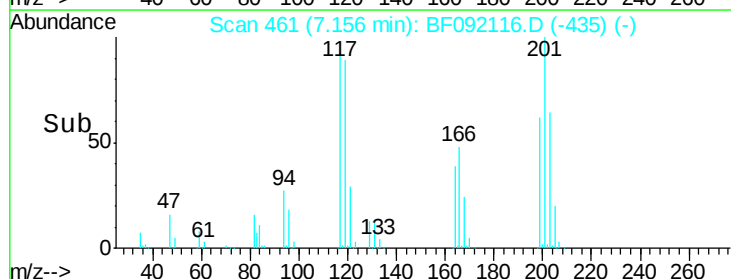
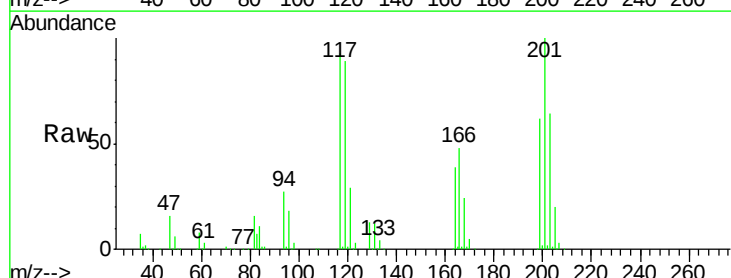
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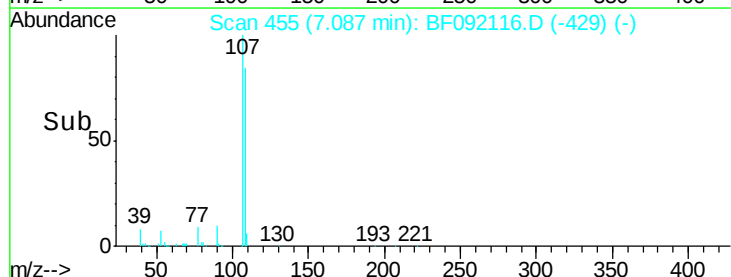
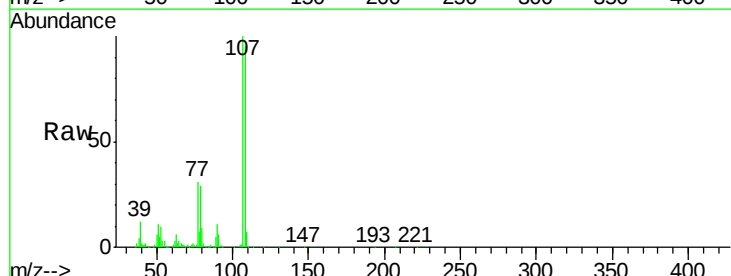
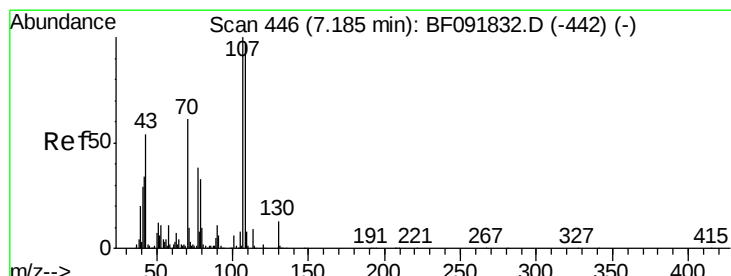
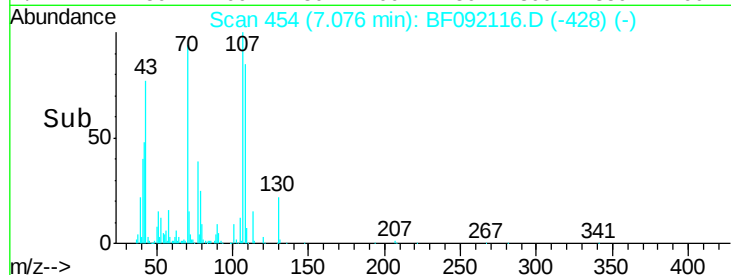
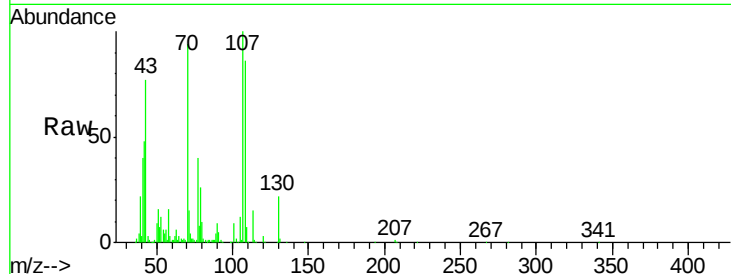
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#18
Hexachloroethane
Concen: 39.39 ng
RT: 7.16 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	78.1	117.1	
201	107.9	78.6	117.8	





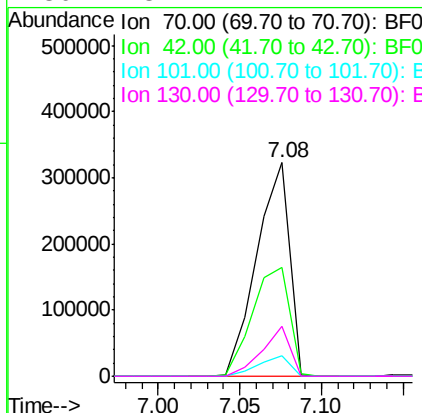
#19
n-Nitroso-di-n-propylamine
Concen: 44.87 ng
RT: 7.08 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Instrument :
BNA_F
ClientSampleId :
PB95798BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	51.2	49.4	74.0
101	9.8	7.4	11.2
130	23.4	14.2	21.4

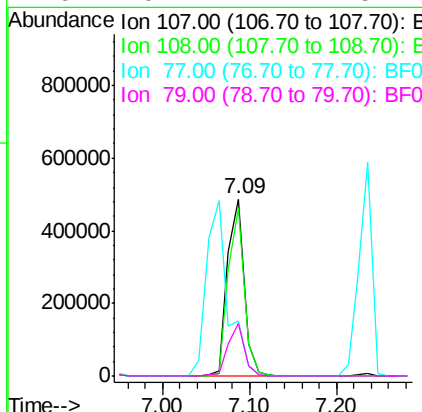
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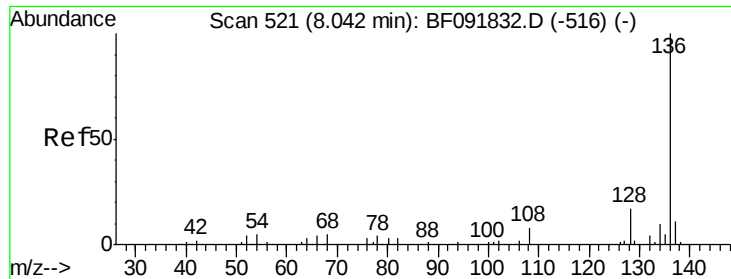
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#20
3+4-Methylphenols
Concen: 48.26 ng
RT: 7.09 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.9	73.0	113.0
77	31.1	71.3	111.3
79	29.4	11.1	51.1





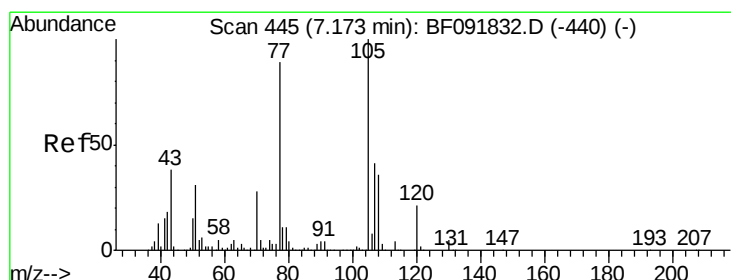
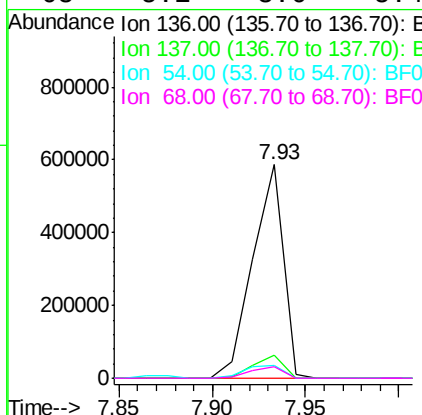
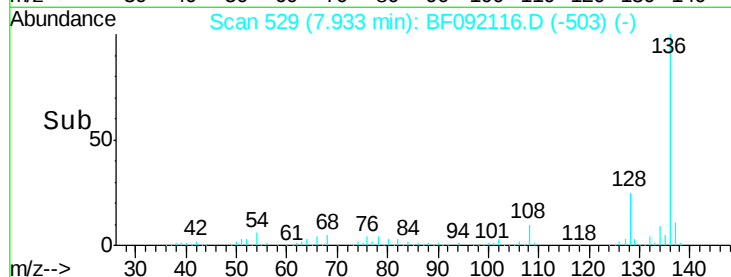
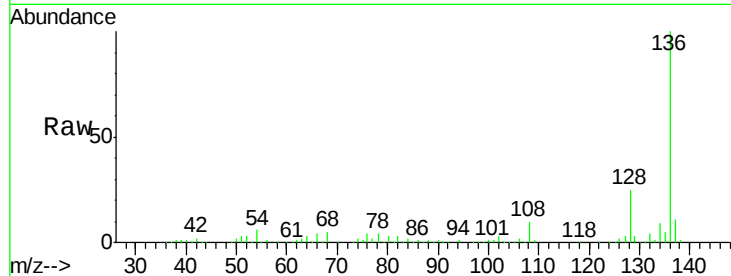
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Instrument :
BNA_F
ClientSampleId :
PB95798BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	667220		
137	10.7		8.4	12.6
54	6.3		4.5	6.7
68	5.1		3.6	5.4

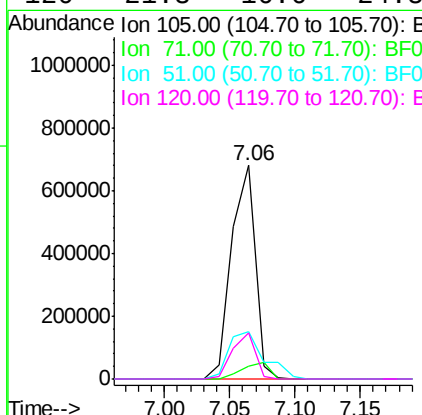
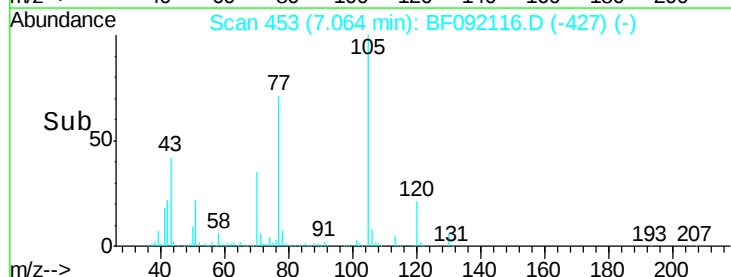
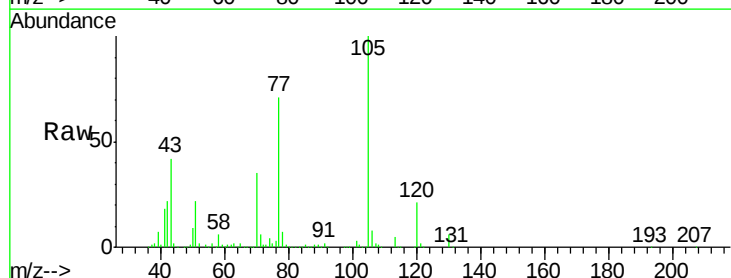
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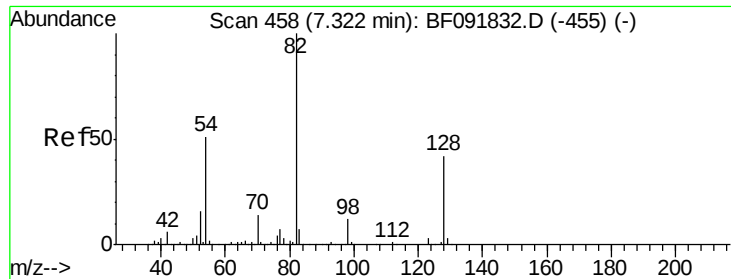
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#22
Acetophenone
Concen: 52.47 ng
RT: 7.06 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	863499		
71	6.0		3.2	4.8#
51	22.3		26.2	39.4#
120	21.3		16.6	24.8





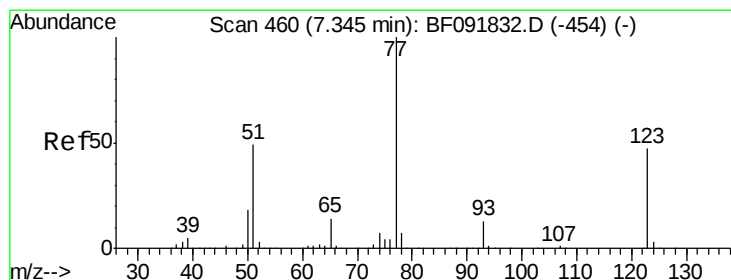
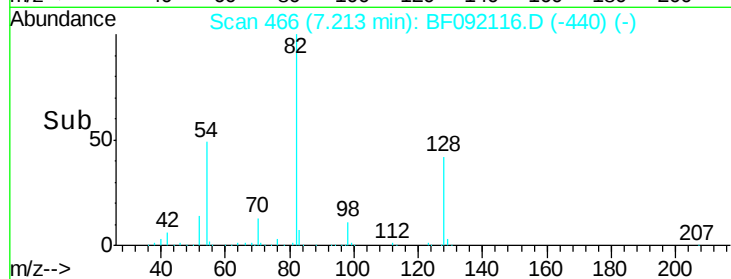
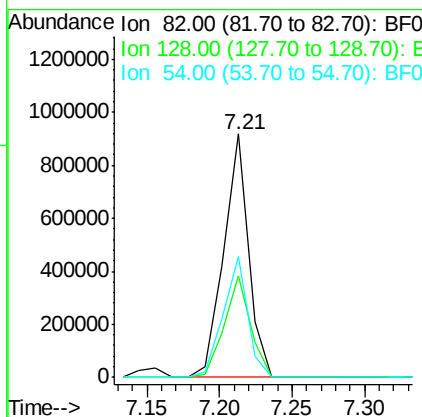
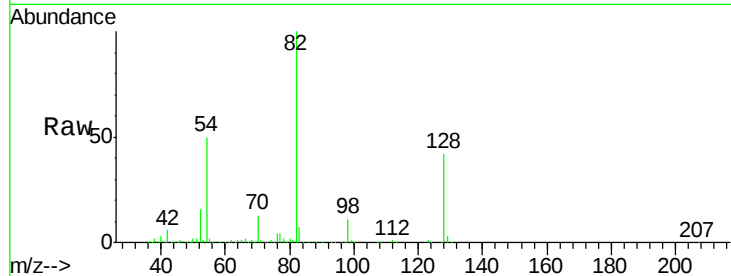
#23
 Nitrobenzene-d5
 Concen: 90.87 ng
 RT: 7.21 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF092116.D
 Acq: 6 Jan 2017 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB95798BSD

Tot Ion: 82 Resp: 1090353
 Ion Ratio Lower Upper
 82 100
 128 41.5 34.6 52.0
 54 49.5 39.5 59.3

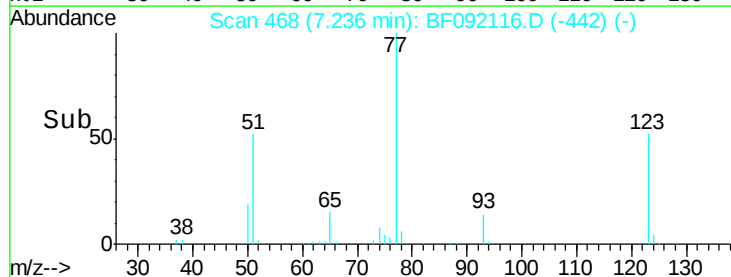
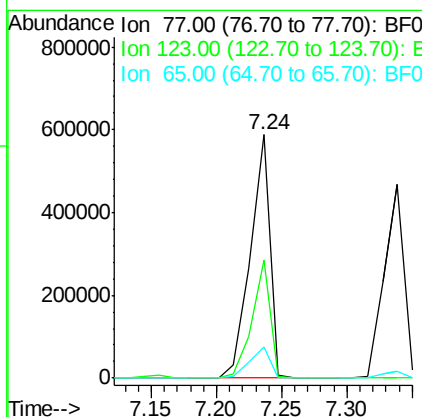
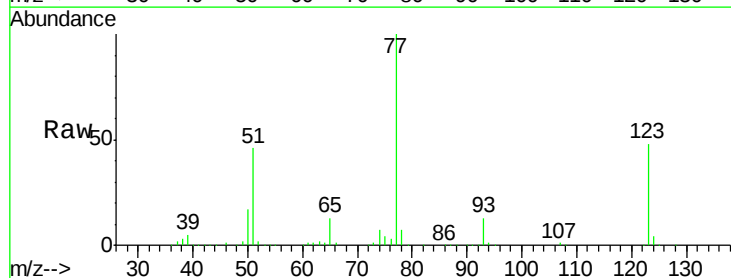
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#24
 Nitrobenzene
 Concen: 47.96 ng
 RT: 7.24 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF092116.D
 Acq: 6 Jan 2017 14:52

Tgt Ion: 77 Resp: 612932
 Ion Ratio Lower Upper
 77 100
 123 48.3 33.0 49.4
 65 12.8 11.2 16.8





#25

Isophorone

Concen: 43.02 ng

RT: 7.48 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

Instrument :

BNA_F

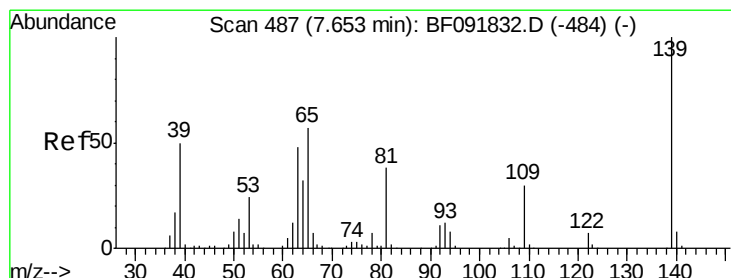
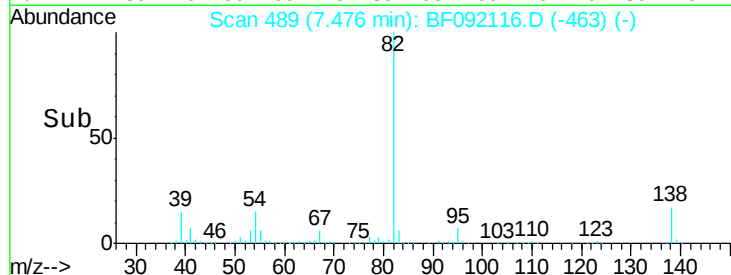
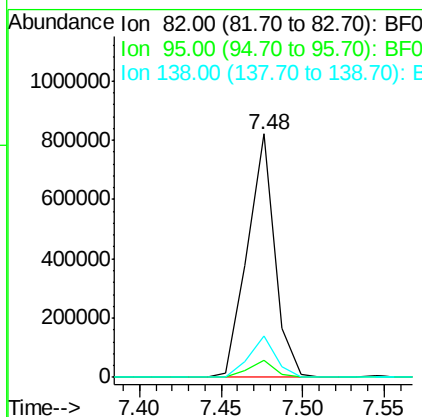
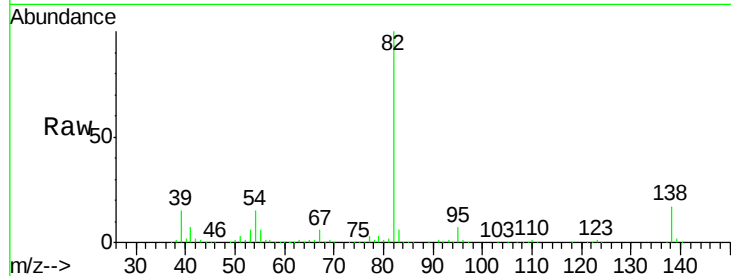
ClientSampleId :

PB95798BSD

Tot Ion:	82	Resp:	952381
Ion Ratio		Lower	Upper
82	100		
95	6.8	5.6	8.4
138	16.8	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 37.16 ng

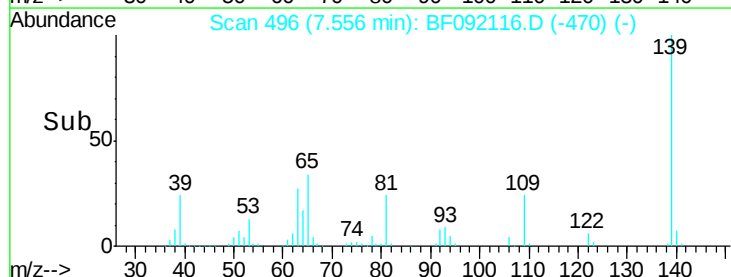
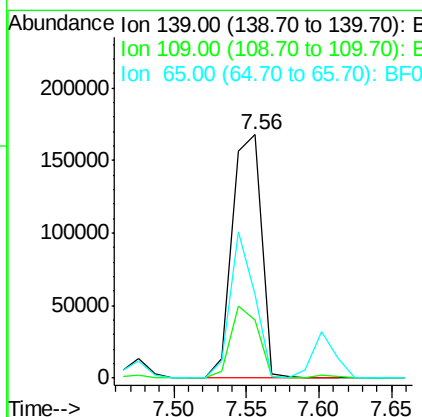
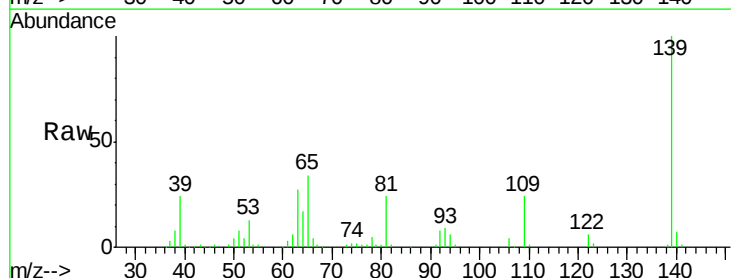
RT: 7.56 min Scan# 496

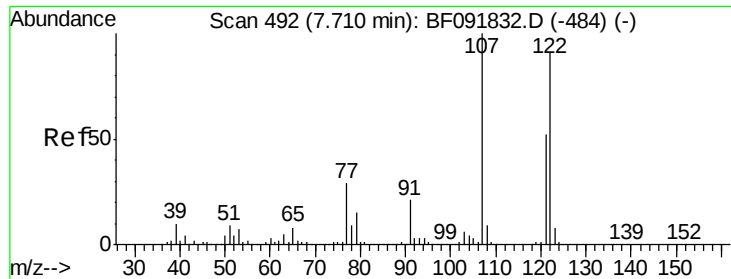
Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

Tgt Ion:	139	Resp:	234195
Ion Ratio		Lower	Upper
139	100		
109	23.8	23.3	34.9
65	34.3	42.7	64.1#





#27

2,4-Dimethylphenol

Concen: 35.73 ng

RT: 7.60 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

Instrument :

BNA_F

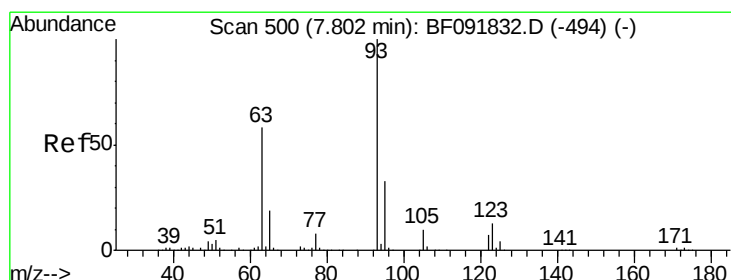
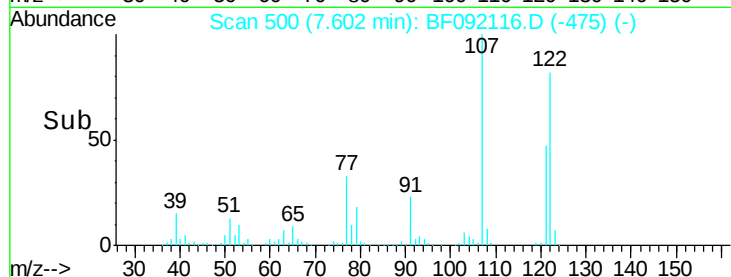
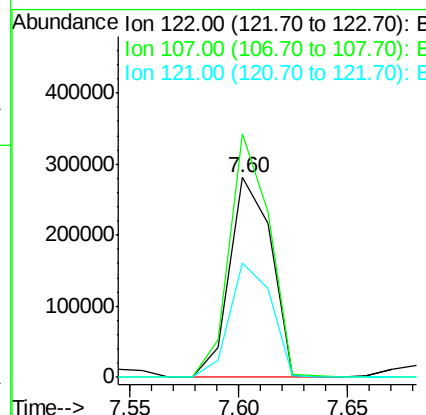
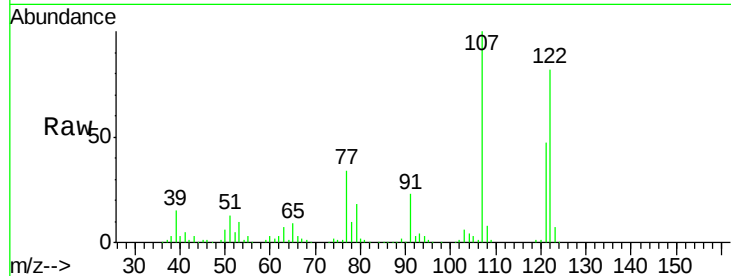
ClientSampleId :

PB95798BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	373479		
107	121.9	94.1	141.1	
121	57.4	46.0	69.0	

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#28

bis(2-Chloroethoxy)methane

Concen: 42.86 ng

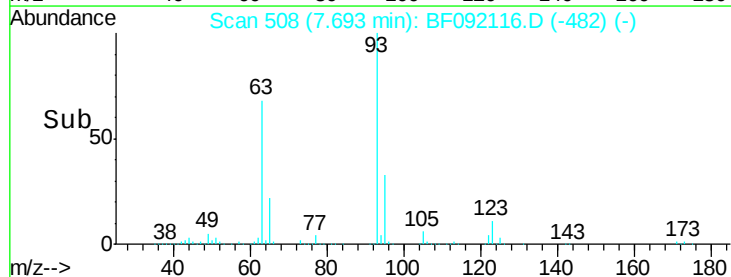
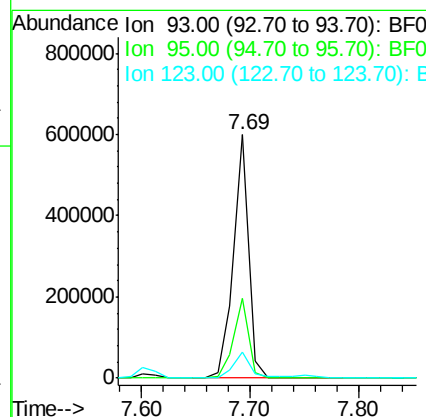
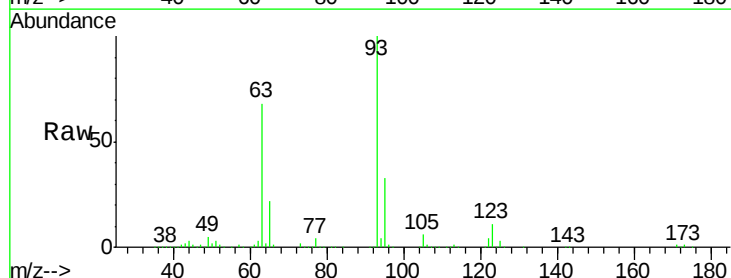
RT: 7.69 min Scan# 508

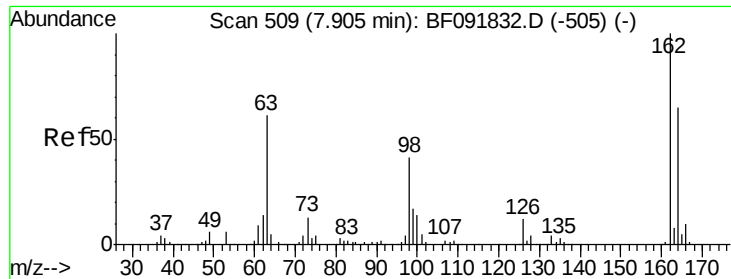
Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	575411		
95	33.0	26.5	39.7	
123	10.7	8.6	13.0	





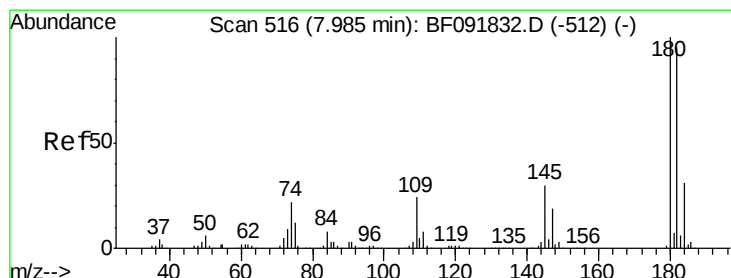
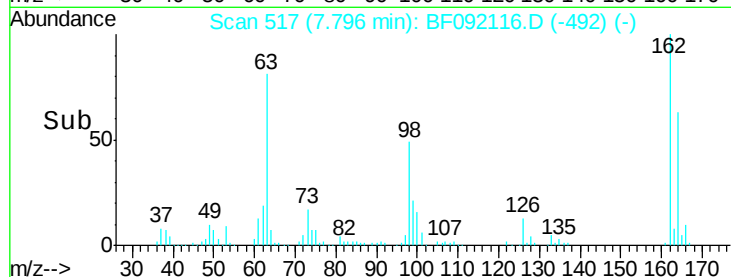
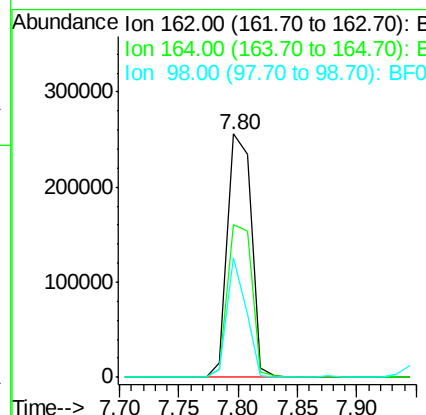
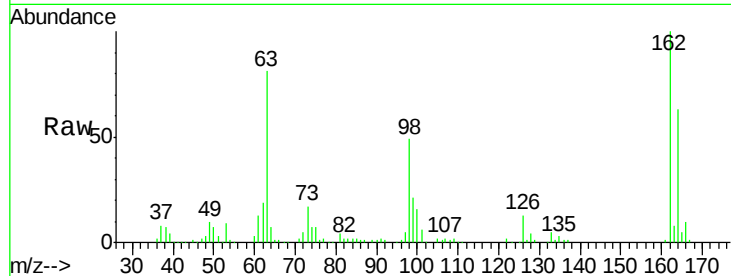
#29
2,4-Dichlorophenol
Concen: 40.15 ng
RT: 7.80 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Instrument :
BNA_F
ClientSampleId :
PB95798BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.7	46.8	86.8
98	49.1	9.1	49.1

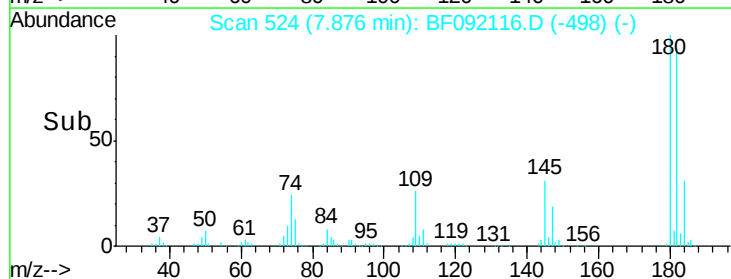
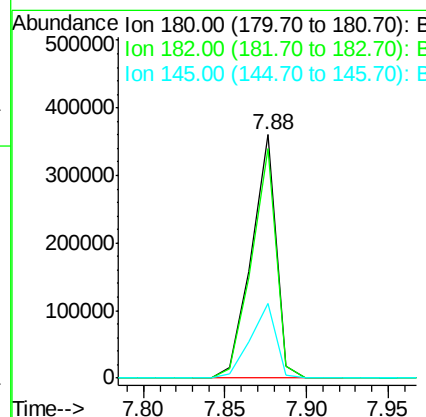
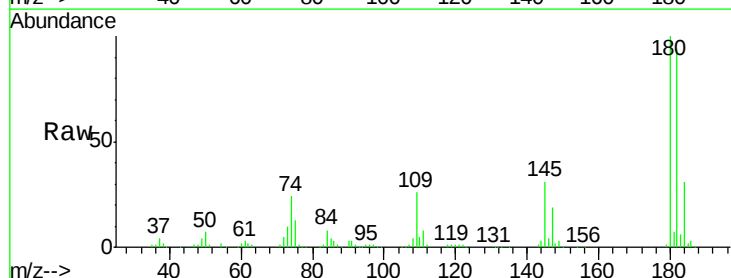
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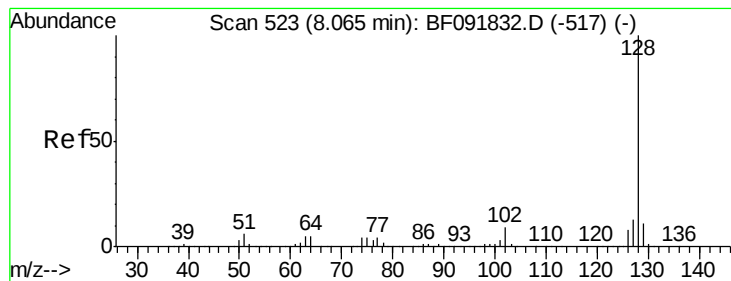
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#30
1,2,4-Trichlorobenzene
Concen: 38.92 ng
RT: 7.88 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.1	78.2	117.4
145	30.5	21.6	32.4





#31

Naphthalene

Concen: 43.60 ng

RT: 7.96 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

Instrument :

BNA_F

ClientSampleId :

PB95798BSD

Tot Ion:128 Resp: 1331406

Ion Ratio Lower Upper

128 100

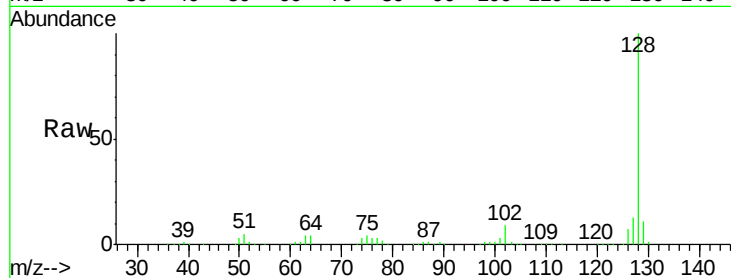
129 11.0 9.5 14.3

127 13.3 10.8 16.2

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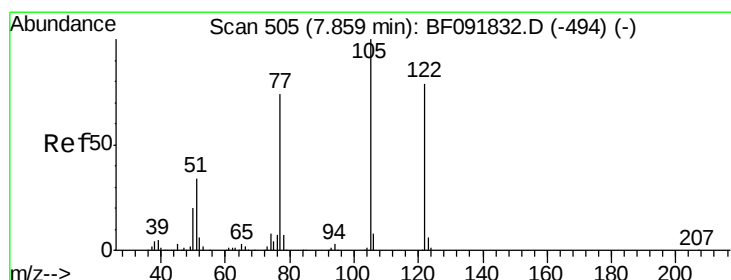
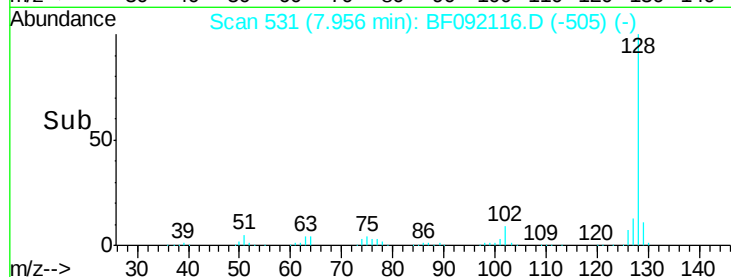
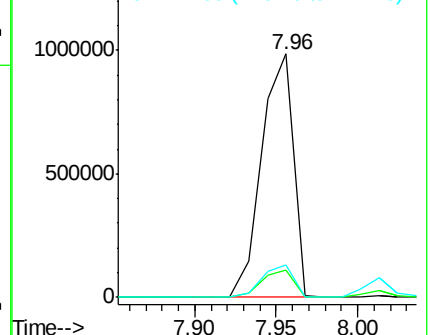
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.40 ng

RT: 7.75 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

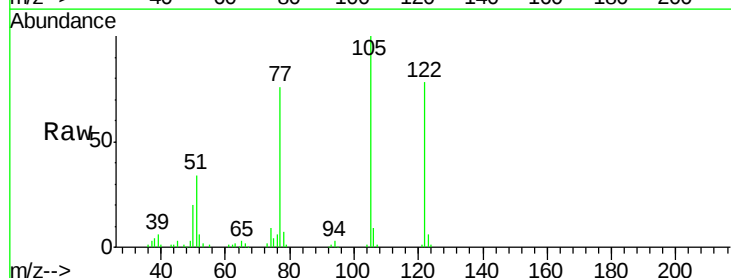
Tgt Ion:122 Resp: 297757

Ion Ratio Lower Upper

122 100

105 128.3 107.2 147.2

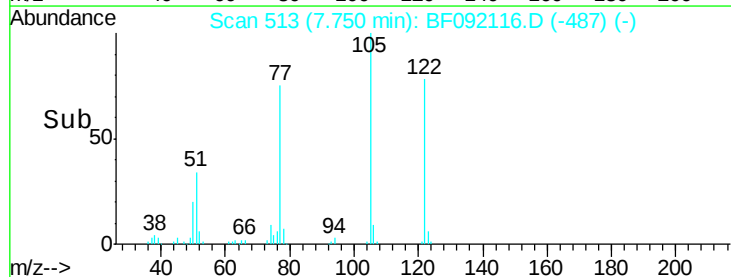
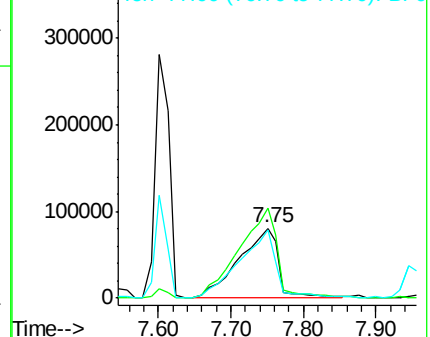
77 97.0 74.5 114.5



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





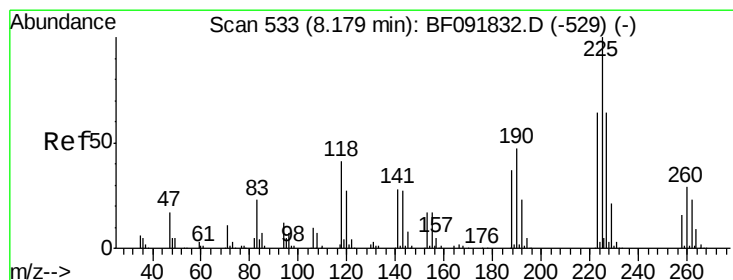
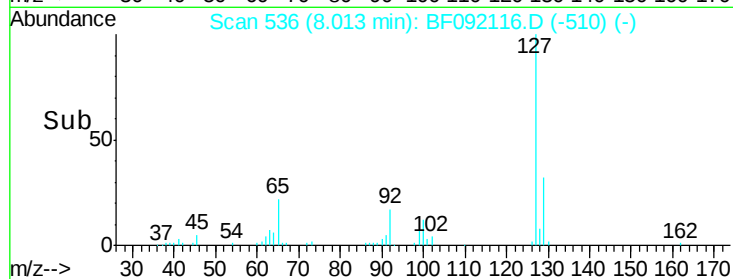
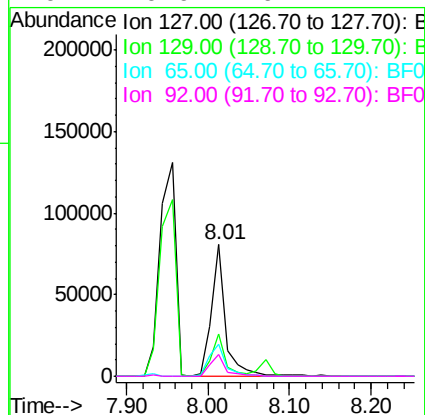
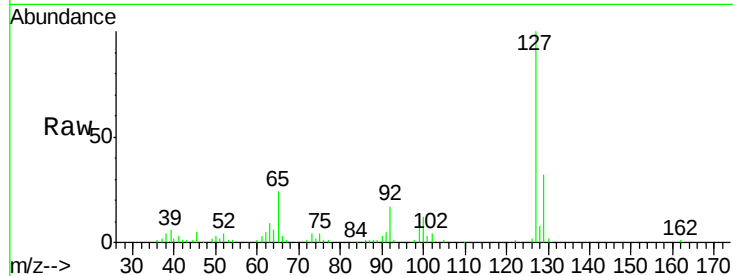
#33
4-Chloroaniline
Concen: 7.30 ng
RT: 8.01 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Instrument :
BNA_F
ClientSampleId :
PB95798BSD

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	31.8	26.3	39.5
65	24.3	25.8	38.8
92	16.9	16.1	24.1

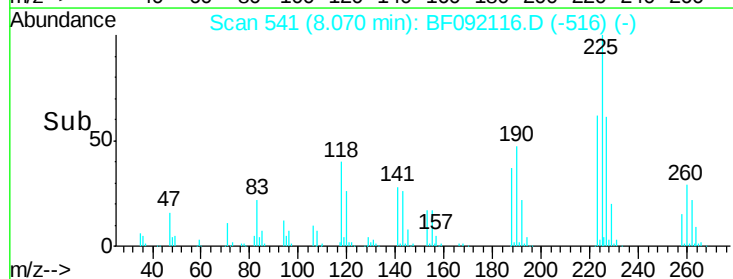
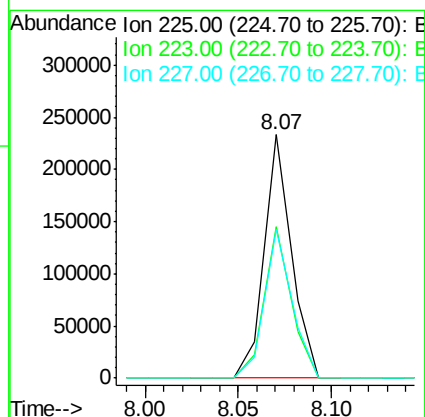
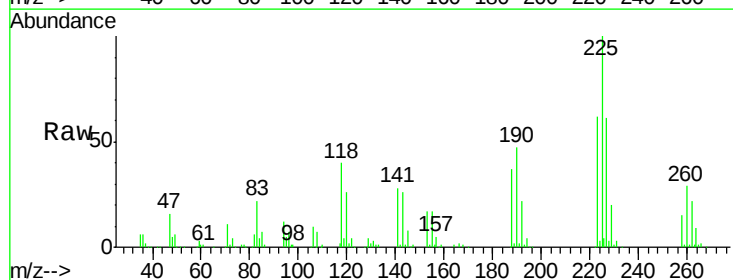
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#34
Hexachlorobutadiene
Concen: 45.88 ng
RT: 8.07 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	62.3	51.0	76.6
227	61.1	50.6	76.0





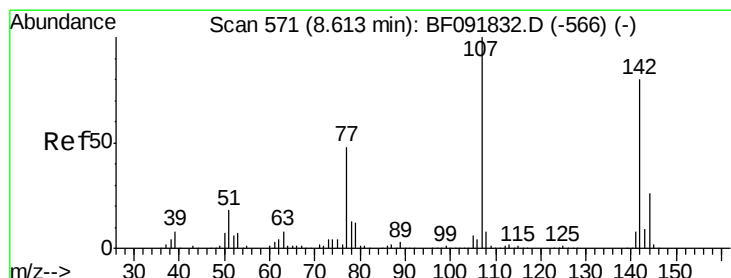
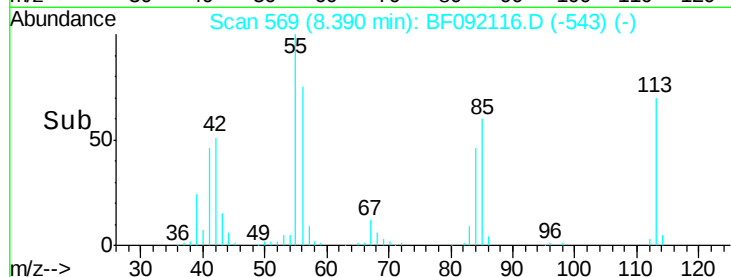
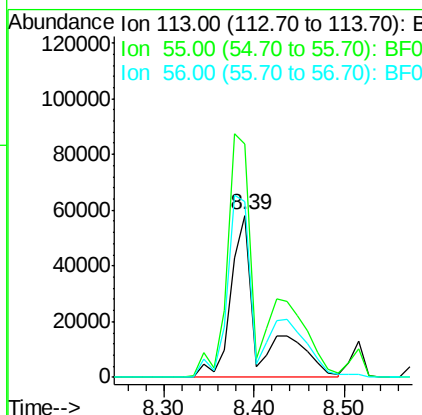
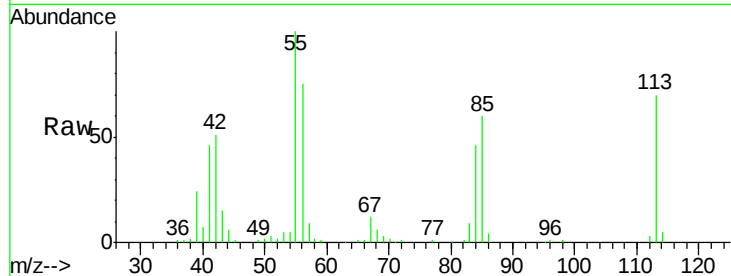
#35
 Caprolactam
 Concen: 44.65 ng/ml
 RT: 8.39 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: BF092116.D
 Acq: 6 Jan 2017 14:52

Instrument :
 BNA_F
 ClientSampleID :
 PB95798BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	143.8	119.2	159.2
56	108.1	83.8	123.8

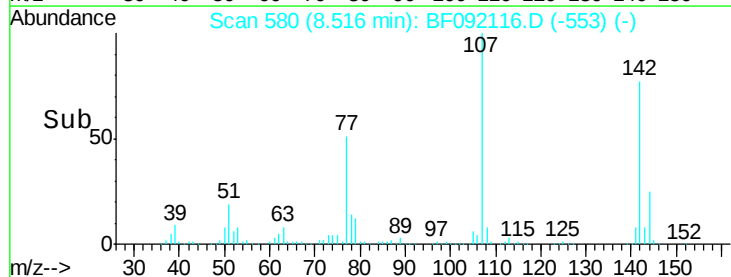
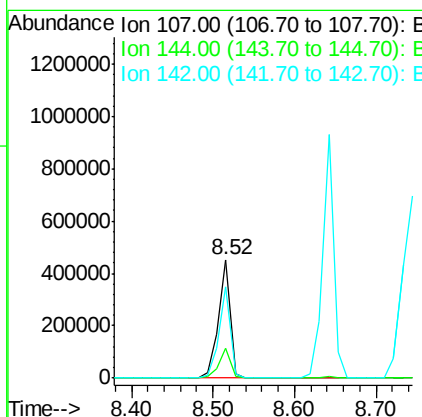
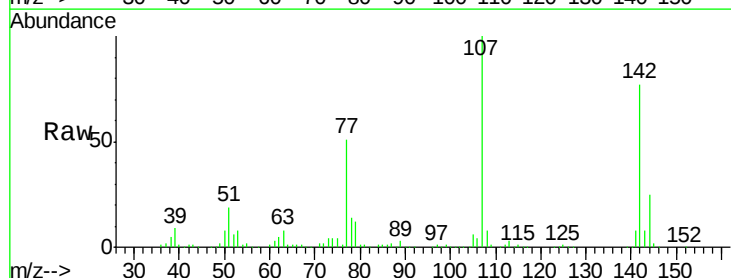
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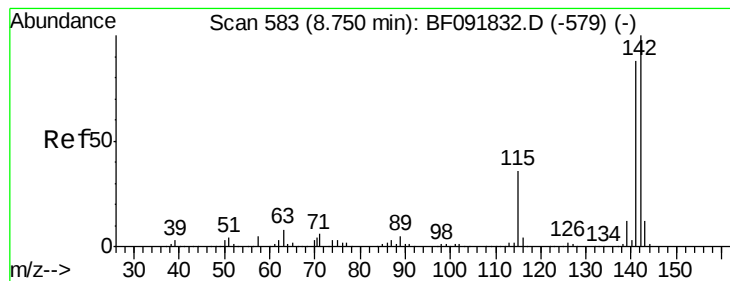
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#36
 4-Chloro-3-methylphenol
 Concen: 44.80 ng/ml
 RT: 8.52 min Scan# 580
 Delta R.T. 0.01 min
 Lab File: BF092116.D
 Acq: 6 Jan 2017 14:52

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.7	19.3	28.9
142	77.3	59.0	88.6





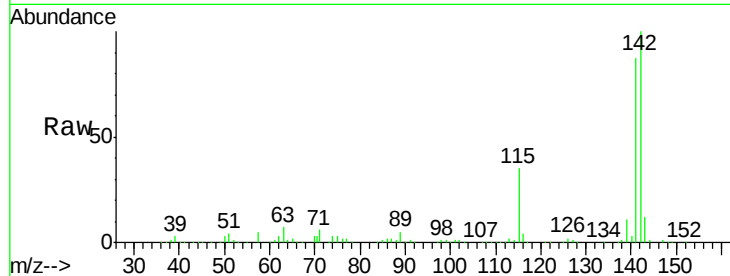
#37
2-Methylnaphthalene
Concen: 48.03 ng
RT: 8.64 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Instrument :
BNA_F
ClientSampleId :
PB95798BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.0	71.0	106.6
115	35.0	28.3	42.5

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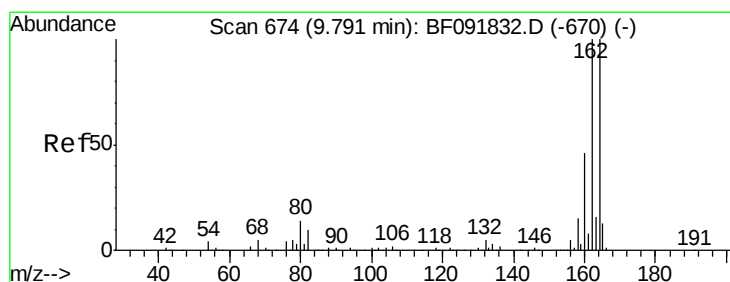
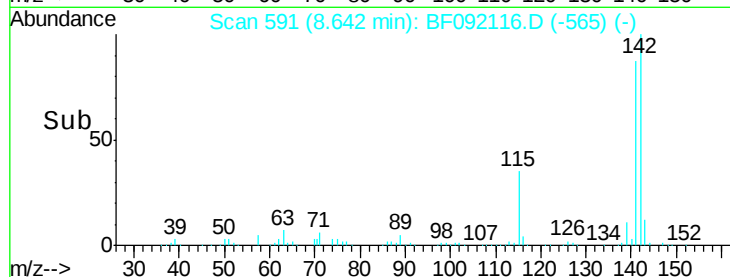
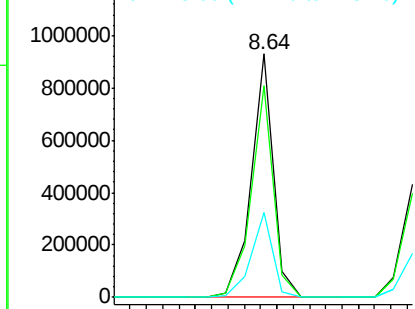


Abundance

Ion 142.00 (141.70 to 142.70): E

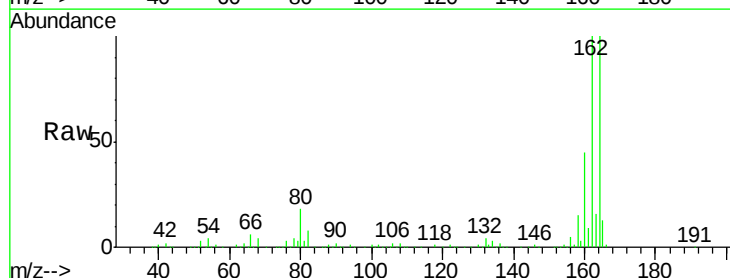
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.2	120.2
160	44.8	36.9	55.3

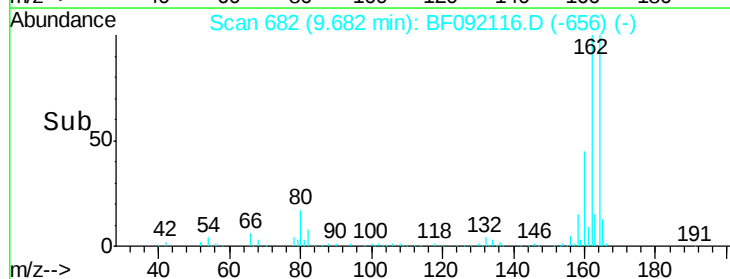
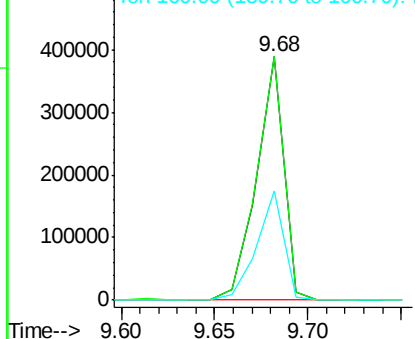


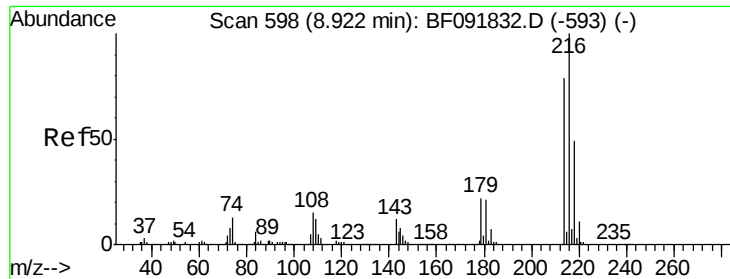
Abundance

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: 38.74 ng

RT: 8.81 min Scan# 606

Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

Instrument :

BNA_F

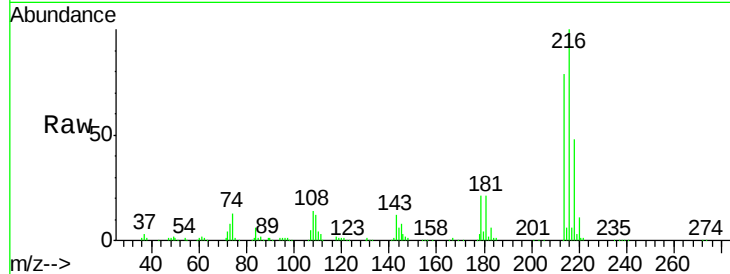
ClientSampleId :

PB95798BSD

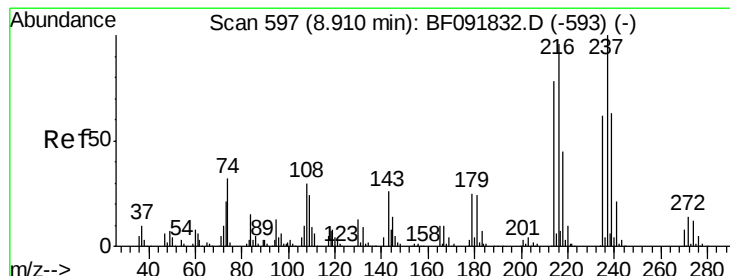
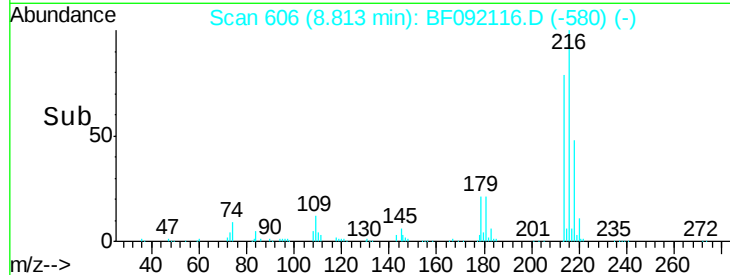
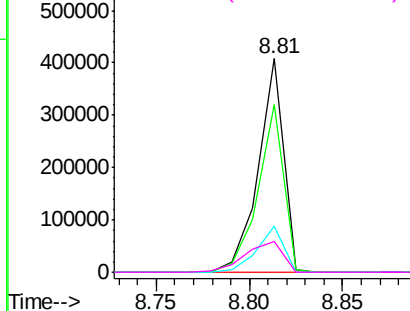
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		382692		
214	79.2	63.4	95.0		
179	22.6	17.4	26.2		
108	21.7	15.6	23.4		

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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: 82.37 ng

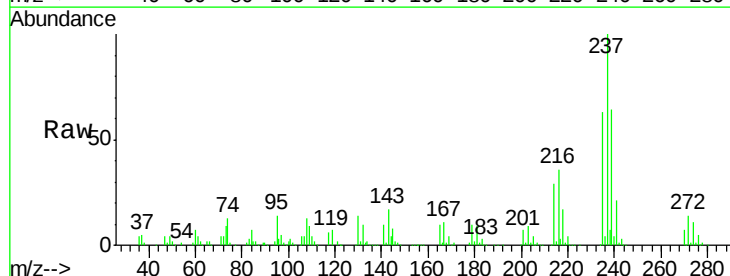
RT: 8.80 min Scan# 605

Delta R.T. 0.00 min

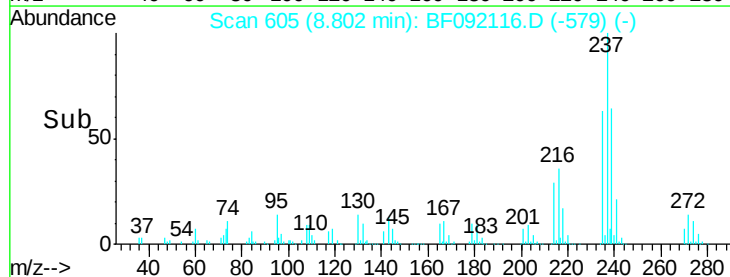
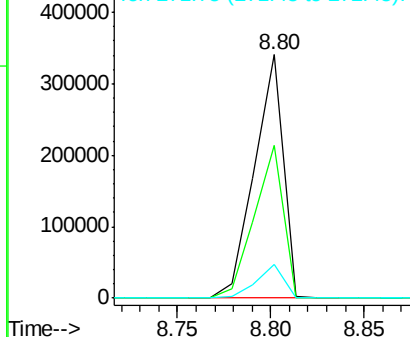
Lab File: BF092116.D

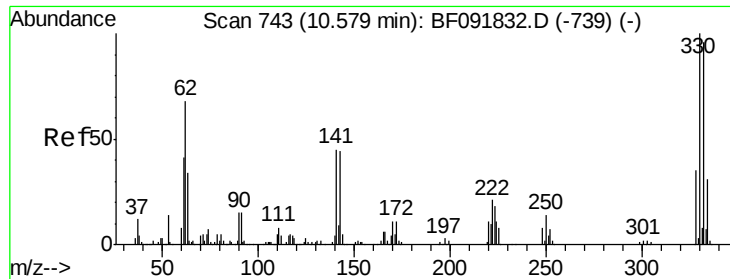
Acq: 6 Jan 2017 14:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		362957		
235	62.9	41.2	81.2		
272	14.1	0.0	35.4		



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





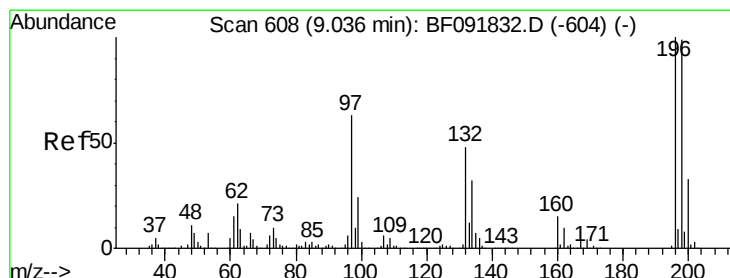
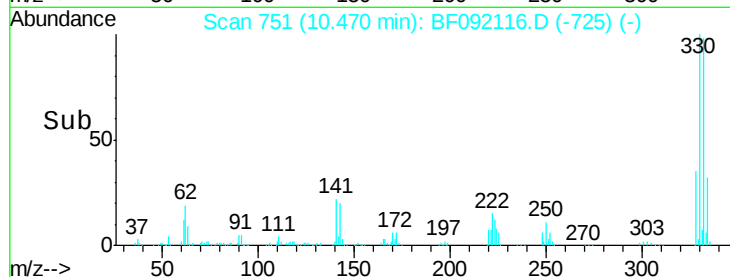
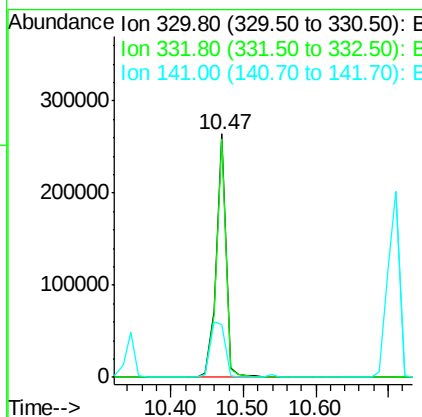
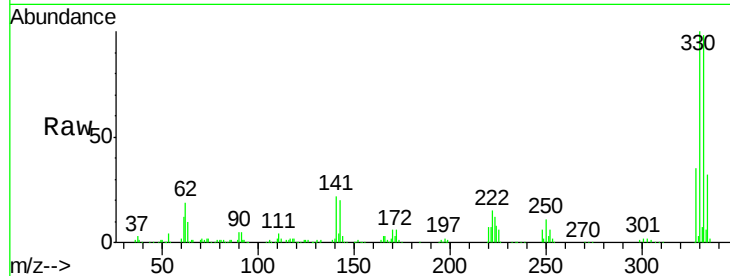
#41
 2,4,6-Tribromophenol
 Concen: 76.16 ng
 RT: 10.47 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF092116.D
 Acq: 6 Jan 2017 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB95798BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	246468		
332	96.9		77.4	116.2
141	34.6		34.1	51.1

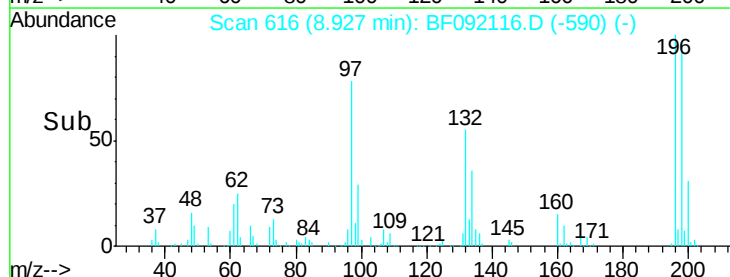
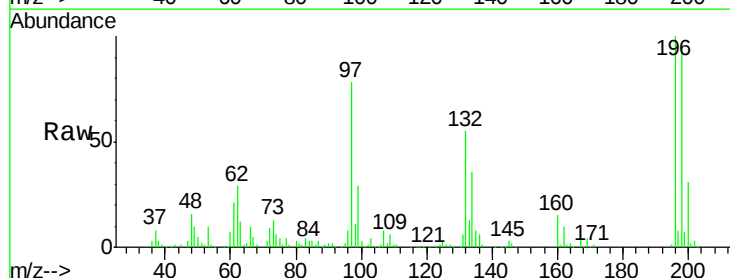
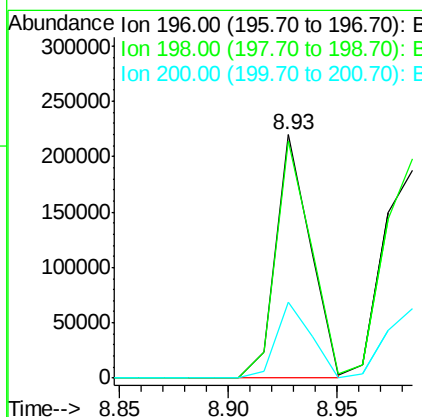
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#42
 2,4,6-Trichlorophenol
 Concen: 35.66 ng
 RT: 8.93 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF092116.D
 Acq: 6 Jan 2017 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	246353		
198	97.4		82.1	123.1
200	31.2		27.0	40.4





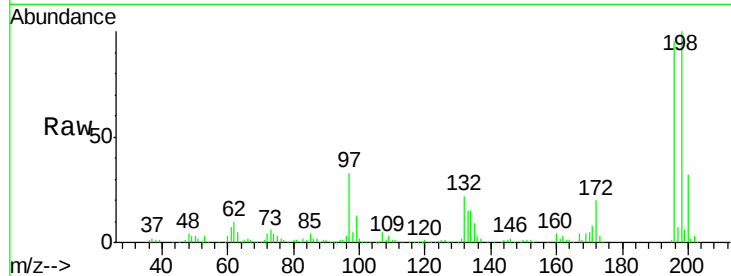
#43
 2,4,5-Trichlorophenol
 Concen: 34.83 ng
 RT: 8.98 min Scan# 621
 Delta R.T. 0.01 min
 Lab File: BF092116.D
 Acq: 6 Jan 2017 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB95798BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	105.3	79.4	119.2	
97	34.8	51.5	77.3	
132	23.1	27.4	41.2	

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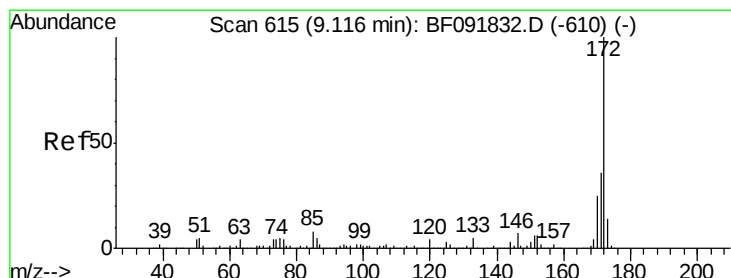
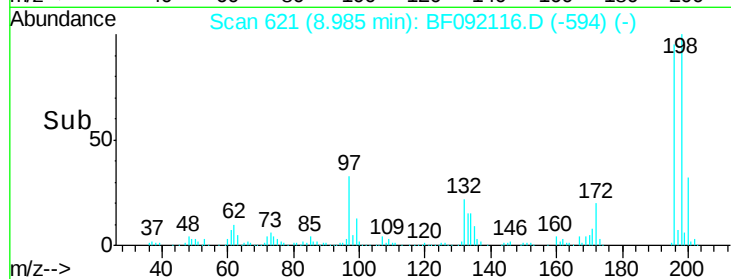
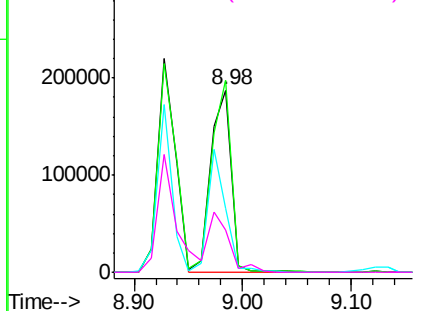
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 79.73 ng
 RT: 9.01 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092116.D
 Acq: 6 Jan 2017 14:52

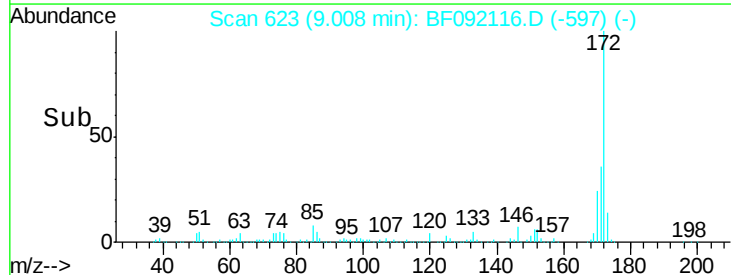
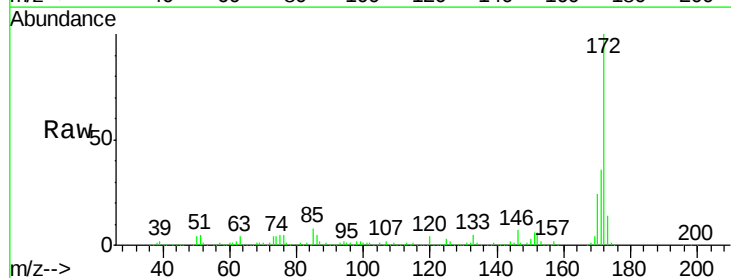
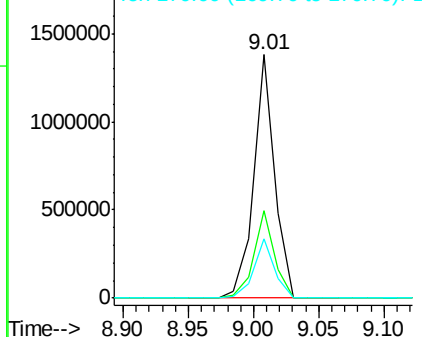
Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.9	29.4	44.0	
170	24.2	20.2	30.4	

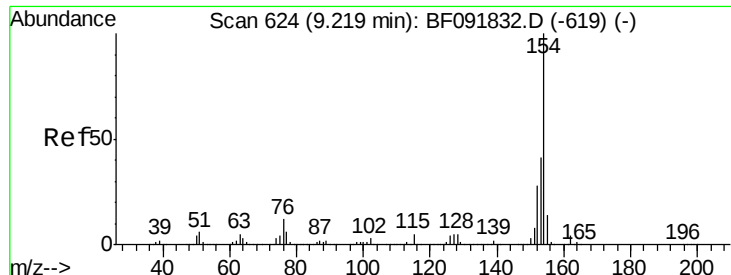
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





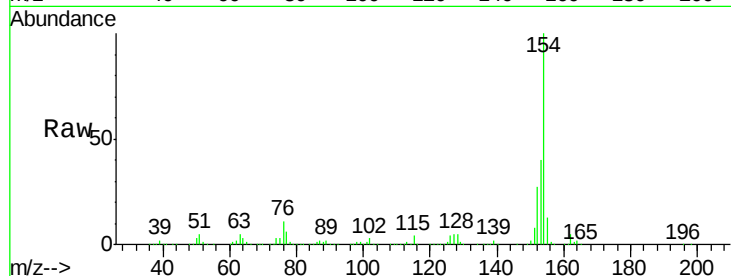
#45
1,1'-Biphenyl
Concen: 43.13 ng
RT: 9.11 min Scan# 632
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Instrument :
BNA_F
ClientSampleId :
PB95798BSD

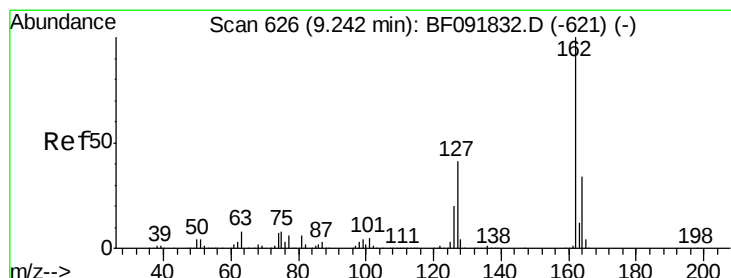
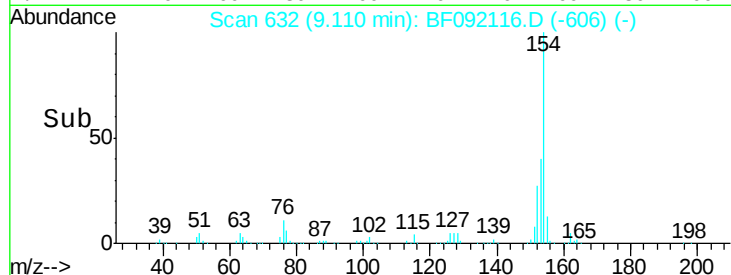
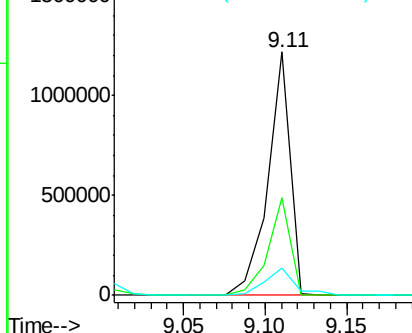
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.9	60.9
76	11.1	0.0	30.5

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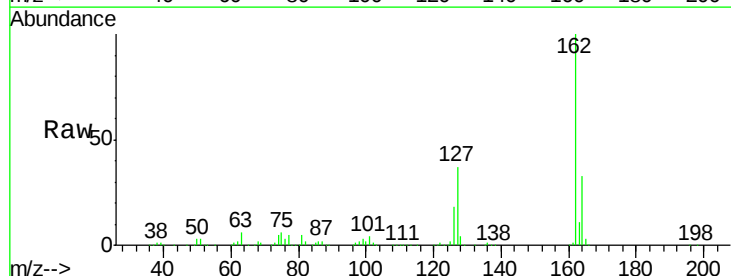


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

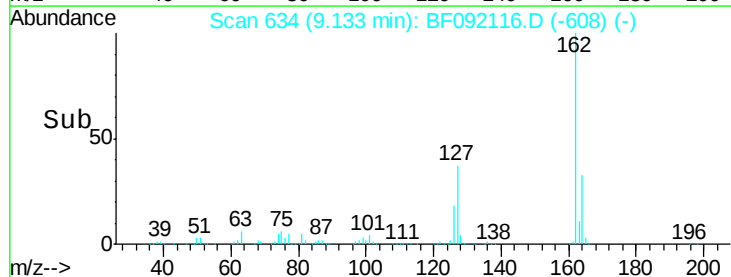
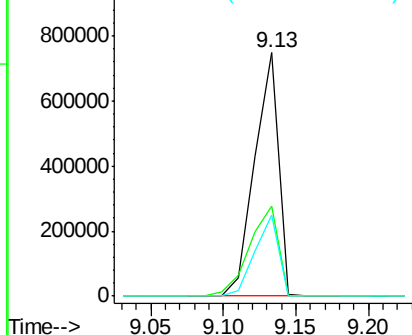


#46
2-Chloronaphthalene
Concen: 40.29 ng
RT: 9.13 min Scan# 634
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.0	30.7	46.1
164	33.4	27.6	41.4



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





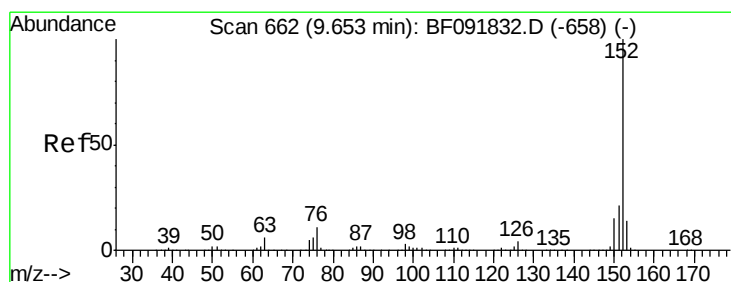
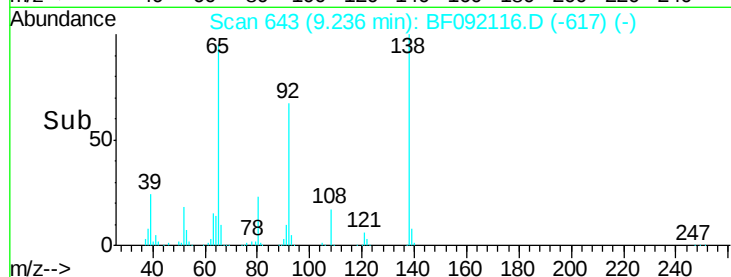
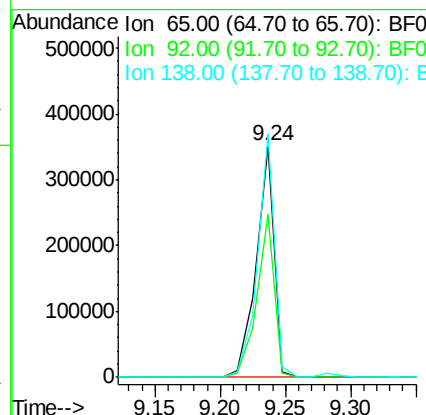
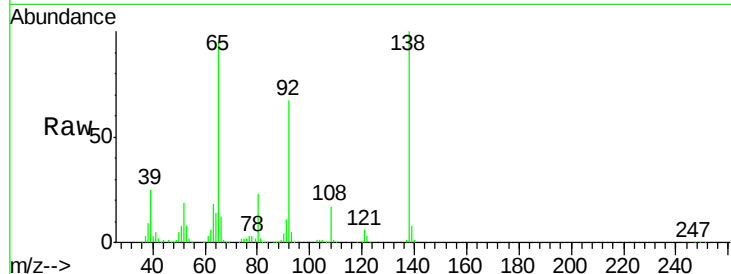
#47
2-Nitroaniline
Concen: 44.47 ng
RT: 9.24 min Scan# 643
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Instrument :
BNA_F
ClientSampleId :
PB95798BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.6	53.9	80.9
138	105.3	76.8	115.2

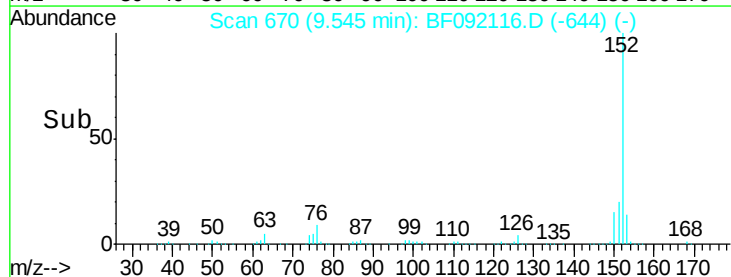
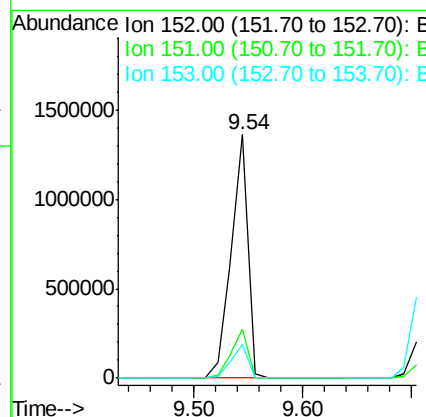
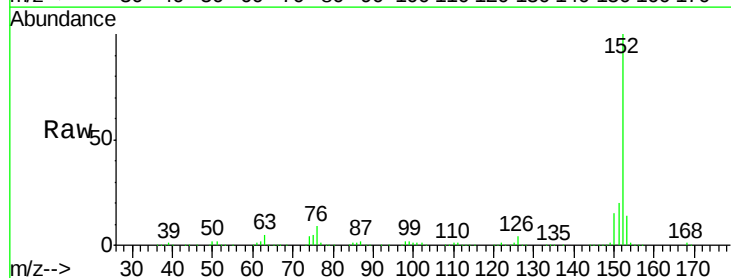
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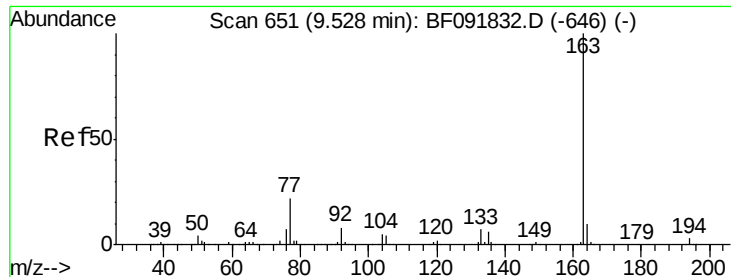
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#48
Acenaphthylene
Concen: 44.09 ng
RT: 9.54 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.9	25.3
153	13.9	11.4	17.2





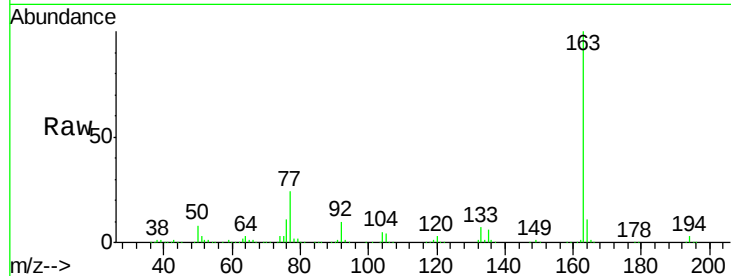
#49
Dimethylphthalate
Concen: 40.69 ng
RT: 9.42 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Instrument :
BNA_F
ClientSampleId :
PB95798BSD

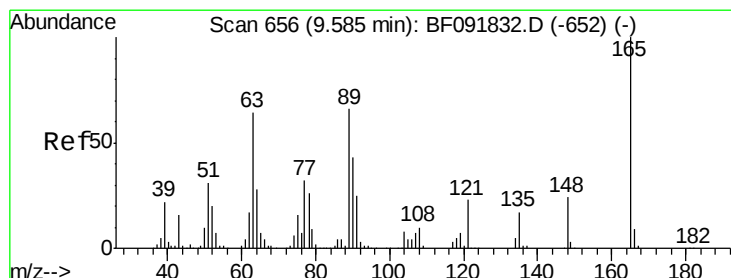
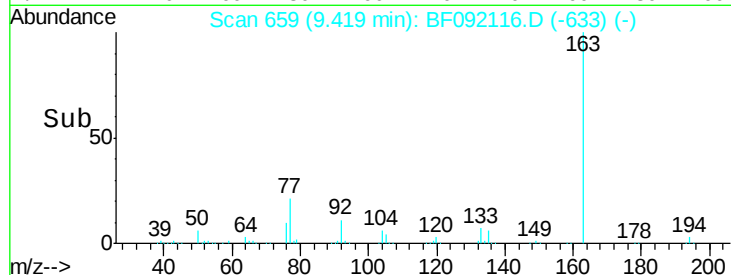
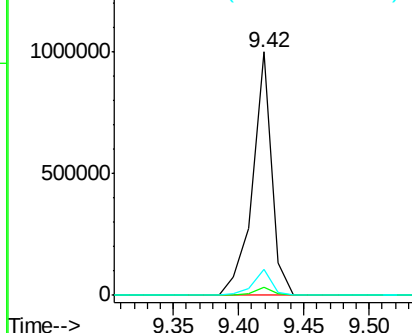
Tot Ion:163 Resp: 1017679
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 10.5 8.0 12.0

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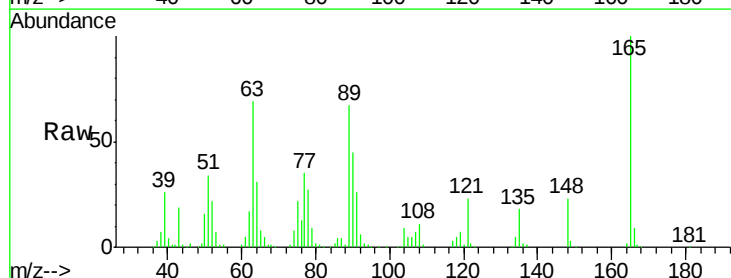


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

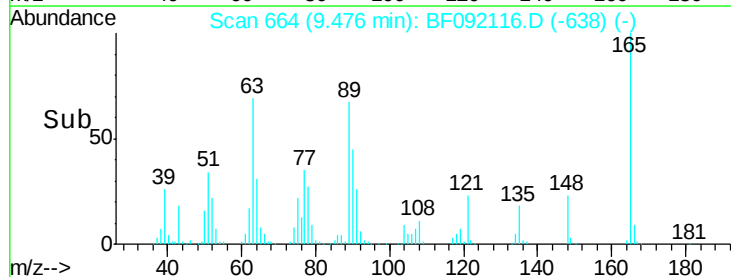
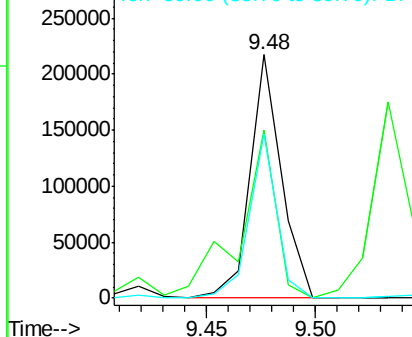


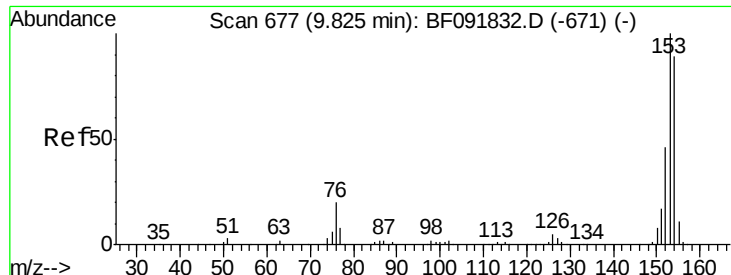
#50
2,6-Dinitrotoluene
Concen: 39.46 ng
RT: 9.48 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Tgt Ion:165 Resp: 216007
Ion Ratio Lower Upper
165 100
63 69.3 36.2 54.4#
89 67.3 40.2 60.4#



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





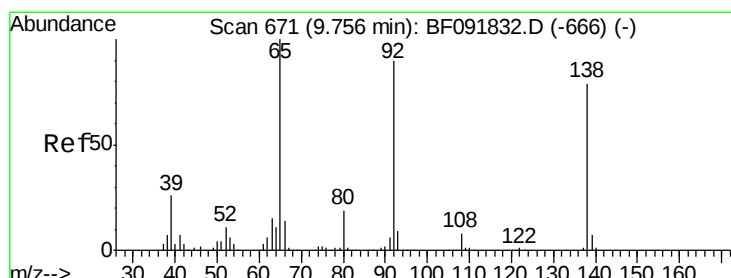
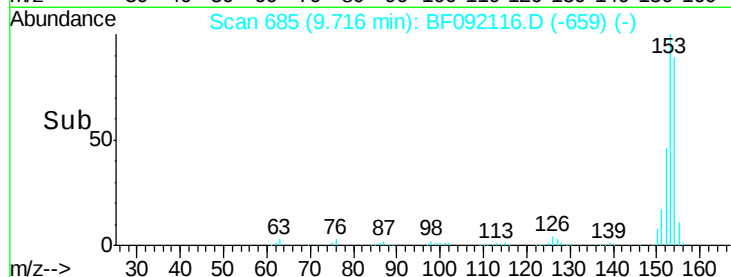
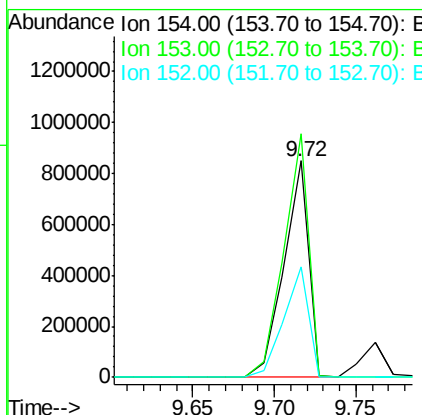
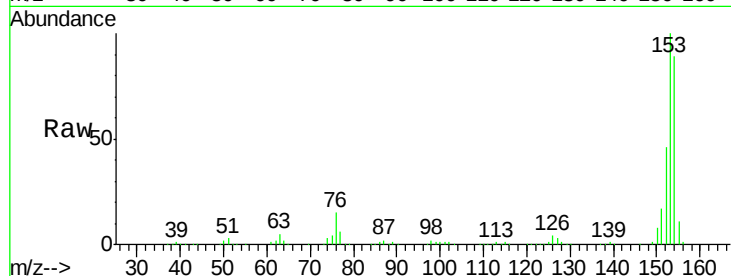
#51
Acenaphthene
Concen: 40.68 ng
RT: 9.72 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Instrument :
BNA_F
ClientSampleId :
PB95798BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.6	88.6	133.0
152	51.3	41.6	62.4

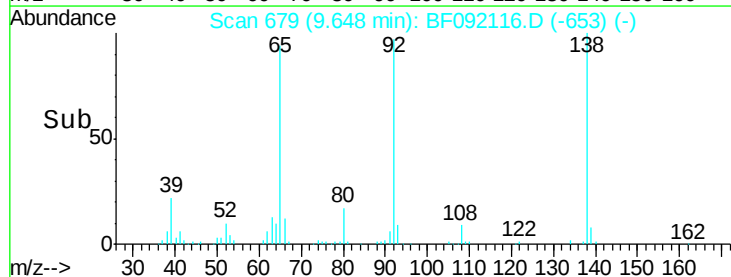
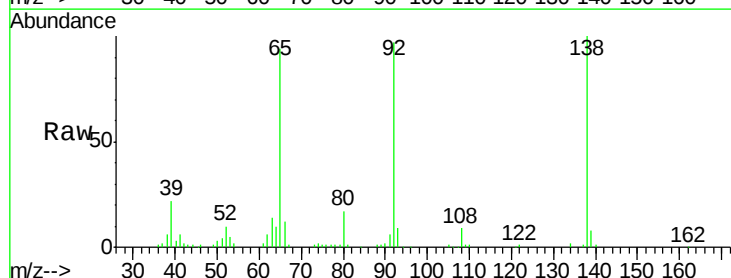
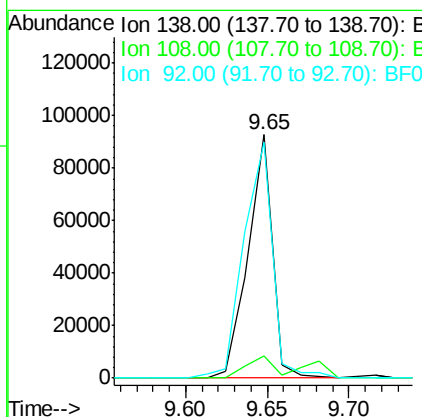
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#52
3-Nitroaniline
Concen: 14.26 ng
RT: 9.65 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Tgt Ion	Ratio	Lower	Upper
138	100		
108	8.9	8.5	12.7
92	97.0	97.8	146.8#





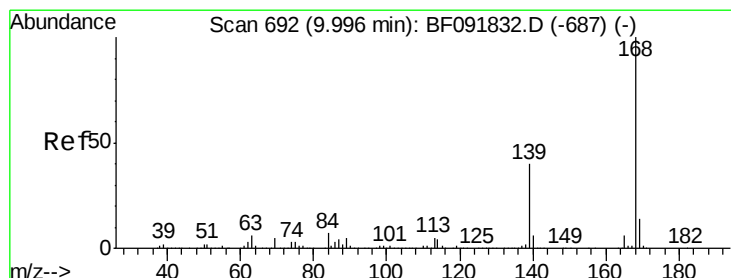
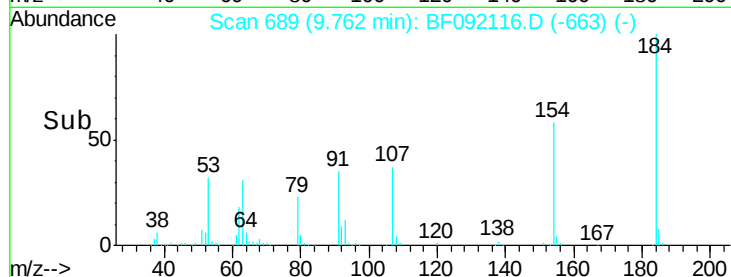
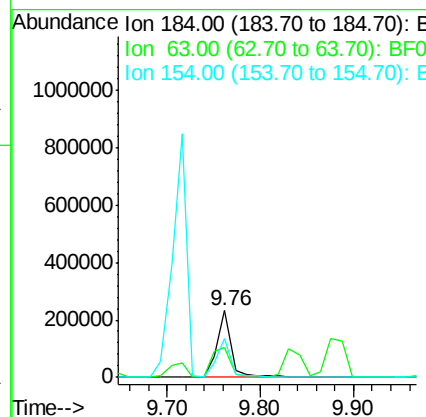
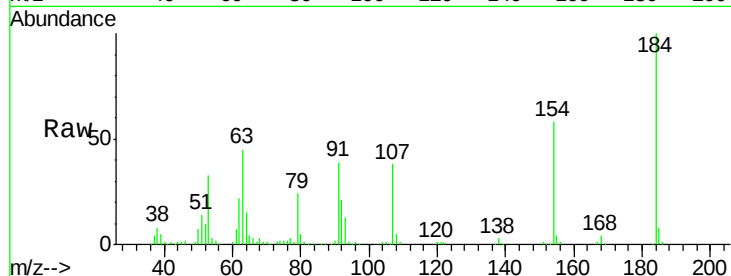
#53
 2,4-Dinitrophenol
 Concen: 83.20 ng
 RT: 9.76 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF092116.D
 Acq: 6 Jan 2017 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB95798BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	253401		
63	45.3		28.4	42.6#
154	58.0		44.3	66.5

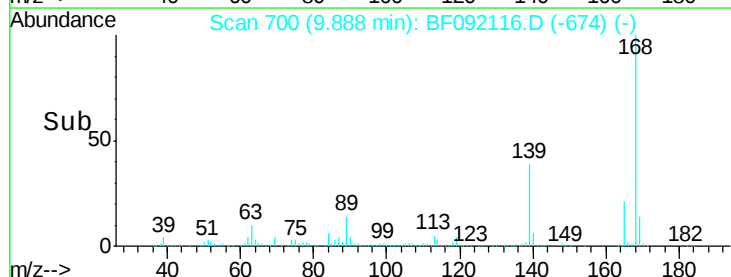
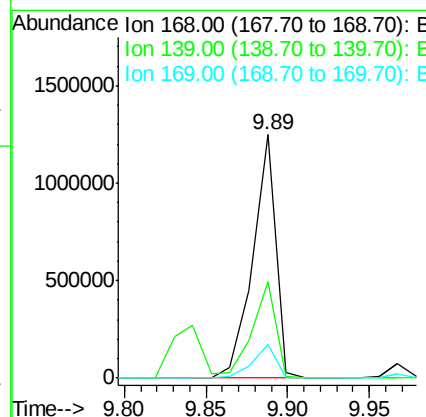
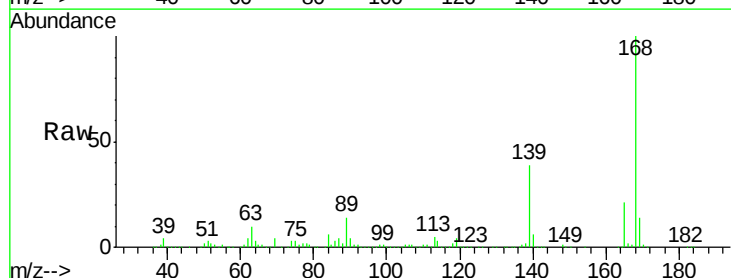
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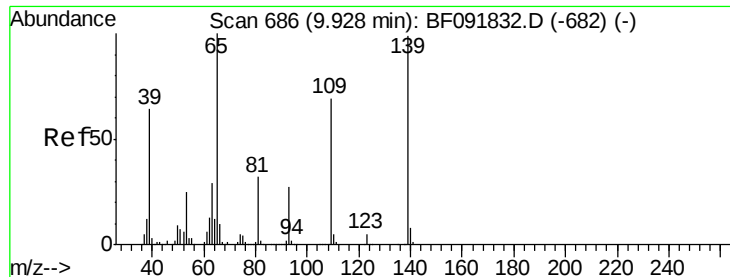
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#54
 Dibenzofuran
 Concen: 40.87 ng
 RT: 9.89 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF092116.D
 Acq: 6 Jan 2017 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1220064		
139	39.5		32.6	49.0
169	13.6		11.3	16.9





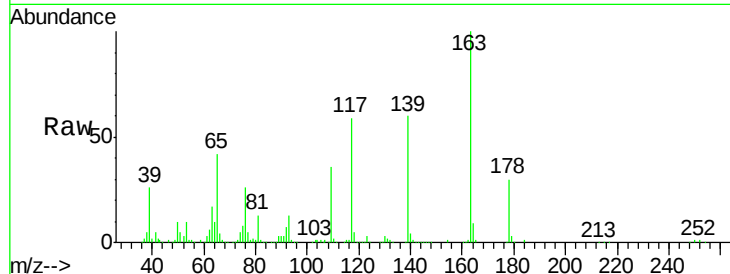
#55
4-Nitrophenol
Concen: 75.91 ng
RT: 9.84 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Instrument :
BNA_F
ClientSampleId :
PB95798BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	349158		
109	59.7	52.2	92.2	
65	70.2	85.8	125.8	

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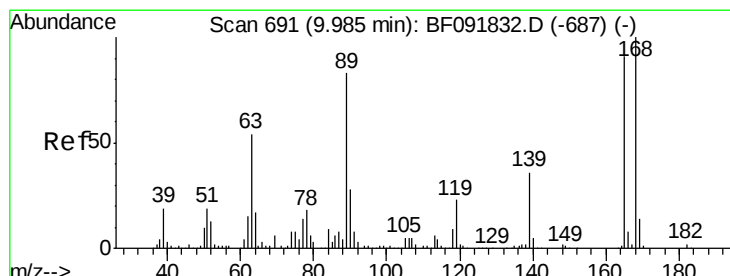
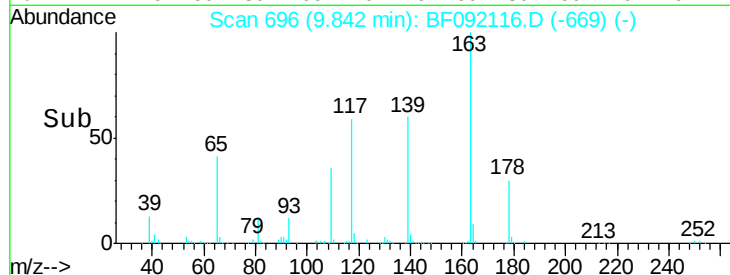
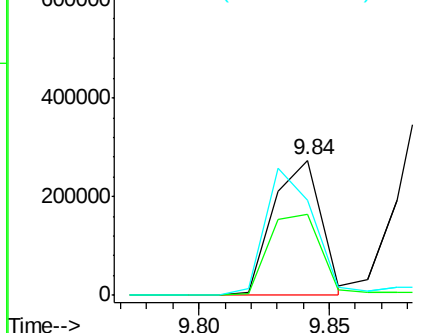


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56
2,4-Dinitrotoluene
Concen: 45.48 ng
RT: 9.89 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	312481		
63	47.7	40.2	60.4	
89	68.5	62.5	93.7	
182	2.4	1.8	2.8	

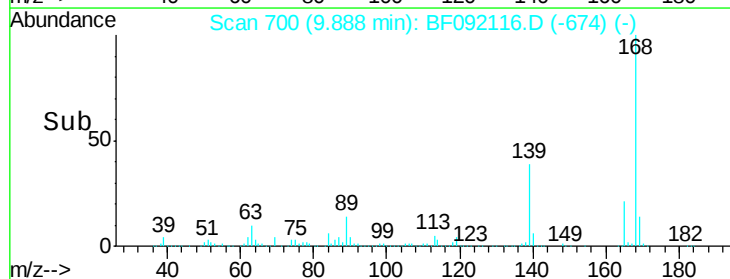
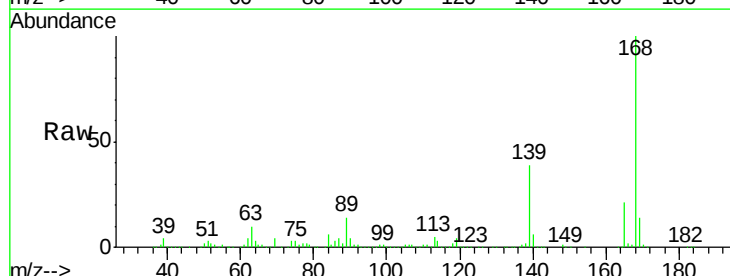
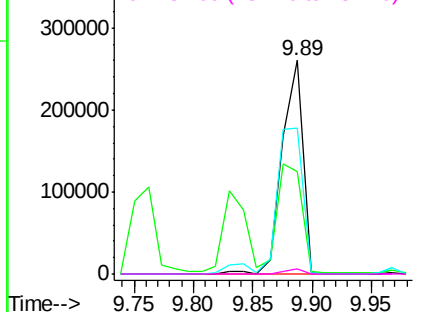
Abundance

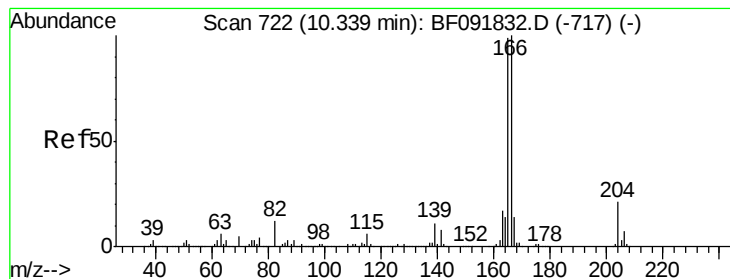
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.88 ng

RT: 10.23 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

Instrument :

BNA_F

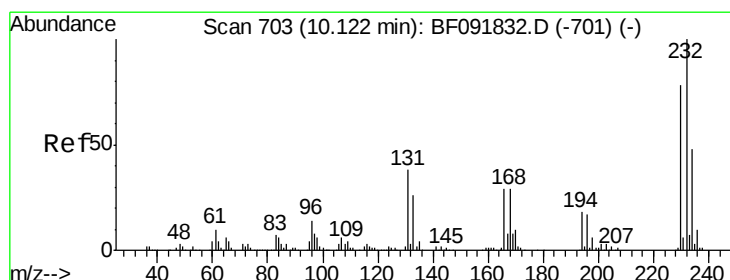
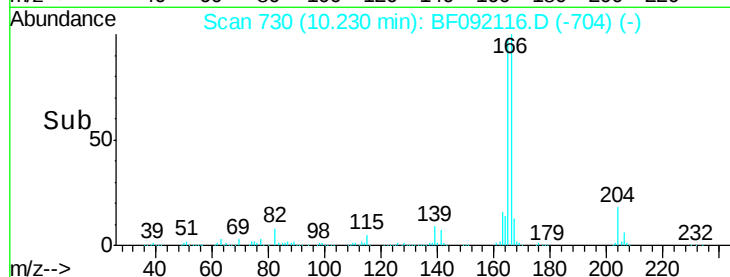
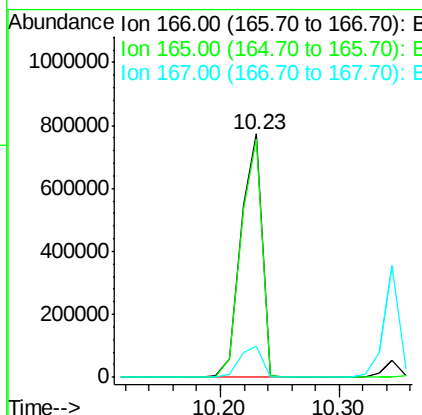
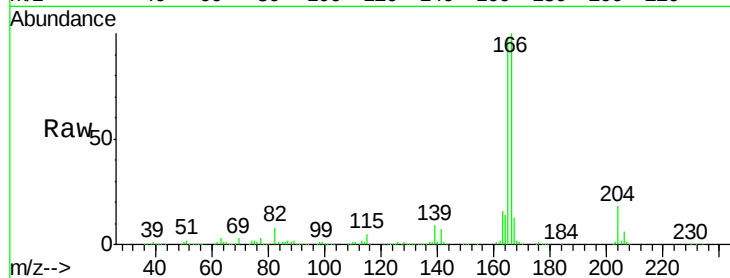
ClientSampleId :

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Tot Ion:	166	Resp:	953206
Ion Ratio	Lower	Upper	
166	100		
165	98.2	77.8	116.8
167	12.9	10.8	16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 45.71 ng

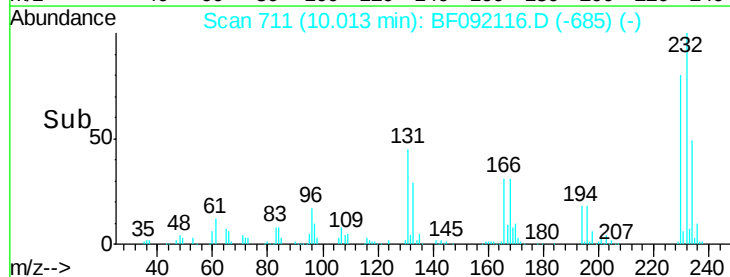
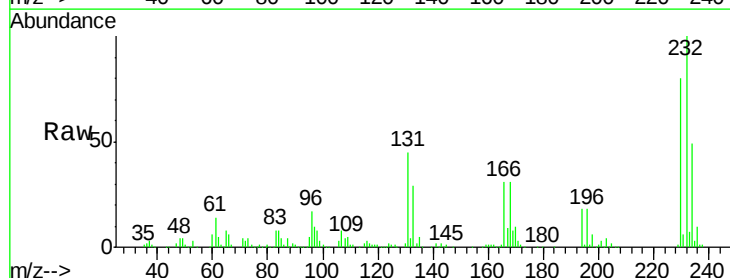
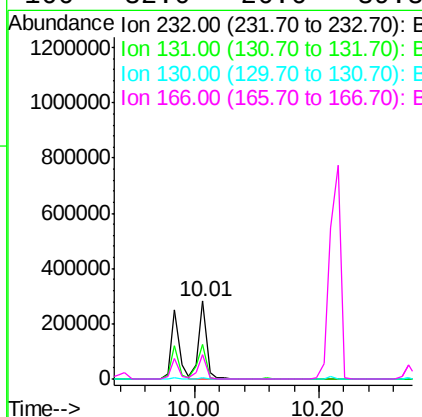
RT: 10.01 min Scan# 711

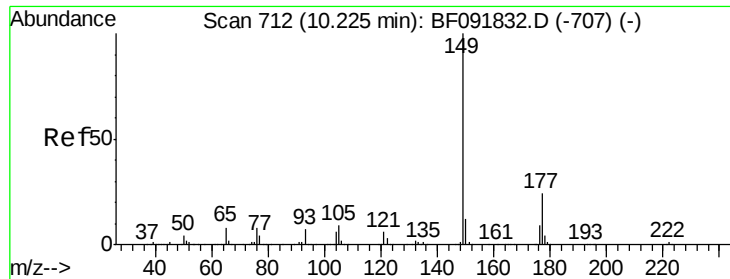
Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

Tgt Ion:	232	Resp:	257078
Ion Ratio	Lower	Upper	
232	100		
131	48.8	40.1	60.1
130	2.2	1.8	2.8
166	32.0	26.6	39.8





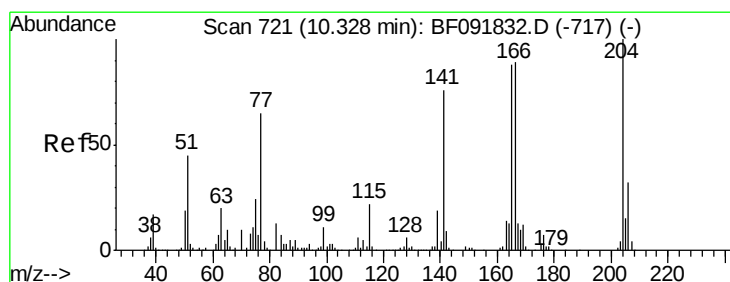
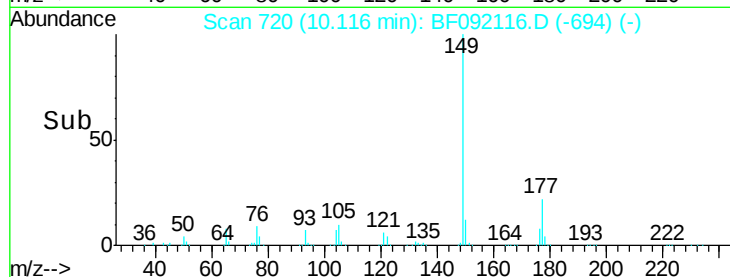
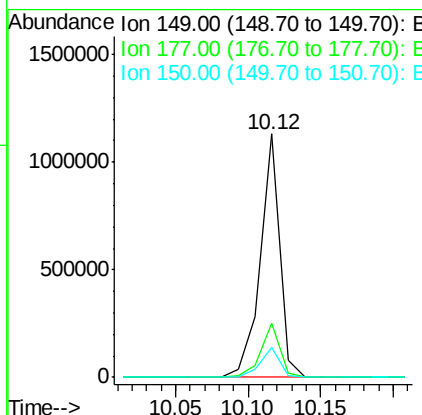
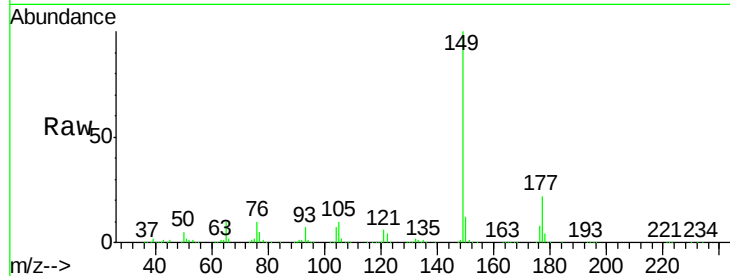
#59
Diethylphthalate
Concen: 43.25 ng
RT: 10.12 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Instrument :
BNA_F
ClientSampleId :
PB95798BSD

Tot Ion:149 Resp: 1050460
Ion Ratio Lower Upper
149 100
177 22.1 16.6 25.0
150 12.3 10.4 15.6

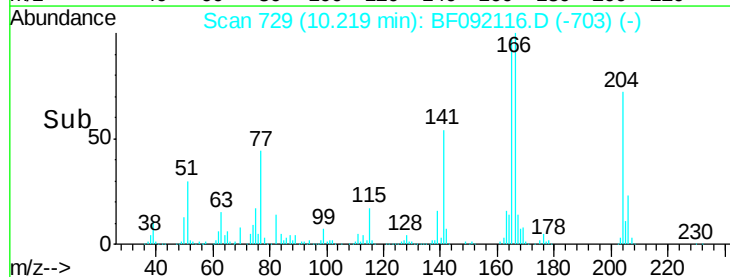
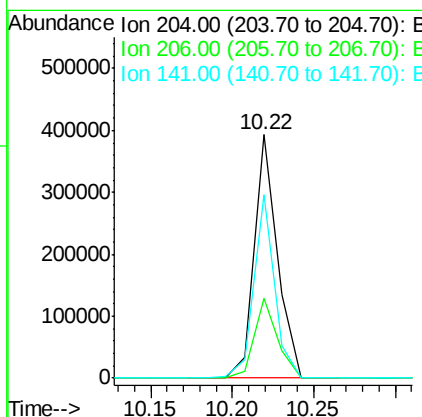
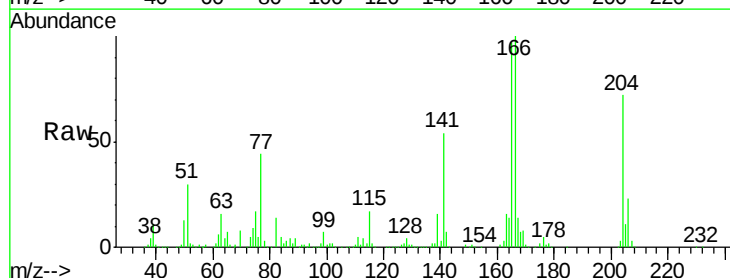
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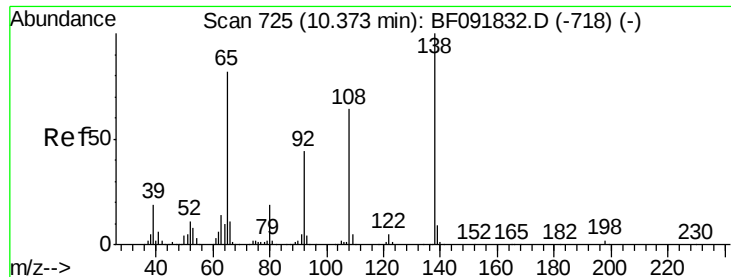
Sohil
1/9/2017 10:47:38 AM



#60
4-Chlorophenyl-phenylether
Concen: 40.74 ng
RT: 10.22 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Tgt Ion:204 Resp: 387506
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.6
141 75.5 59.4 89.0





#61

4-Nitroaniline

Concen: 38.44 ng

RT: 10.26 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

Instrument :

BNA_F

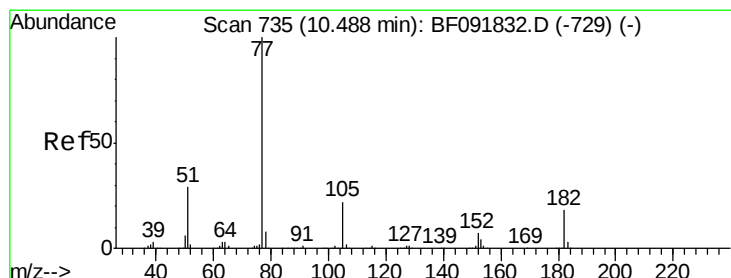
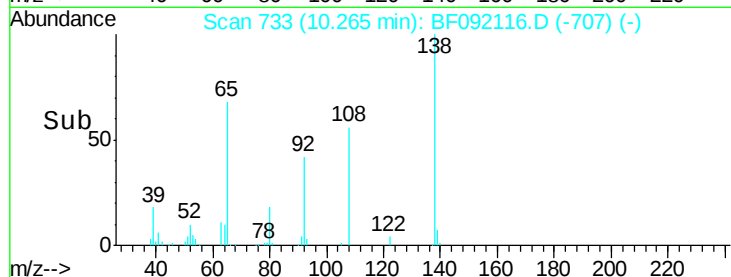
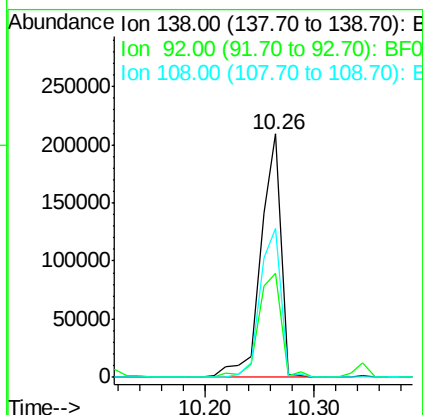
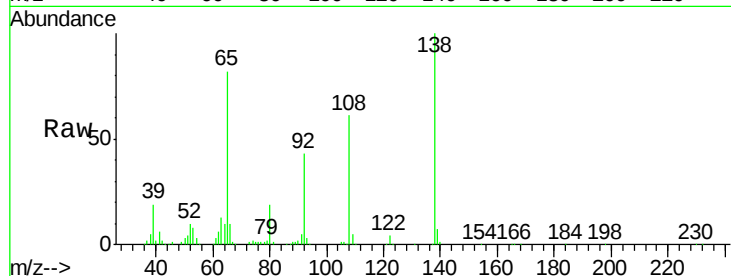
ClientSampleId :

PB95798BSD

Tot Ion:	138	Resp:	269836
Ion Ratio	Lower	Upper	
138	100		
92	42.7	31.7	71.7
108	61.3	52.6	92.6

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#62

Azobenzene

Concen: 43.18 ng

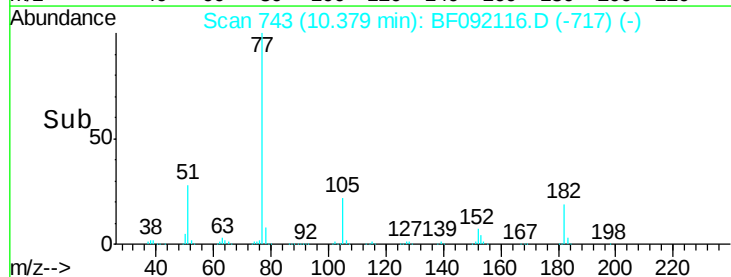
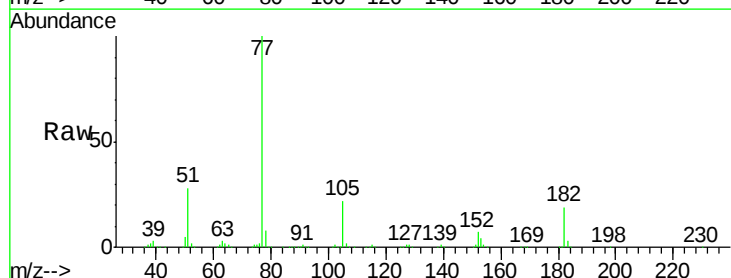
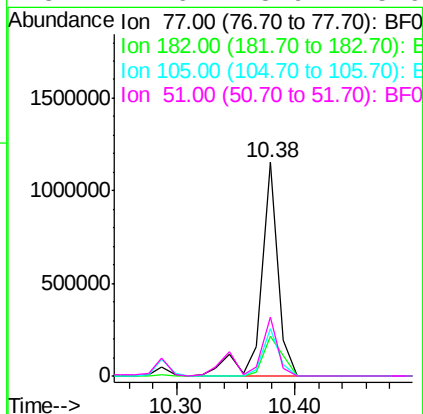
RT: 10.38 min Scan# 743

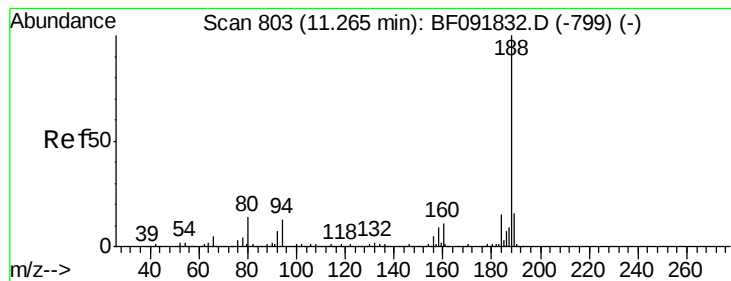
Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

Tgt Ion:	77	Resp:	1154661
Ion Ratio	Lower	Upper	
77	100		
182	18.6	0.0	39.3
105	22.3	2.3	42.3
51	27.6	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.16 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

Instrument :

BNA_F

ClientSampleId :

PB95798BSD

Tot Ion:188 Resp: 642387

Ion Ratio Lower Upper

188 100

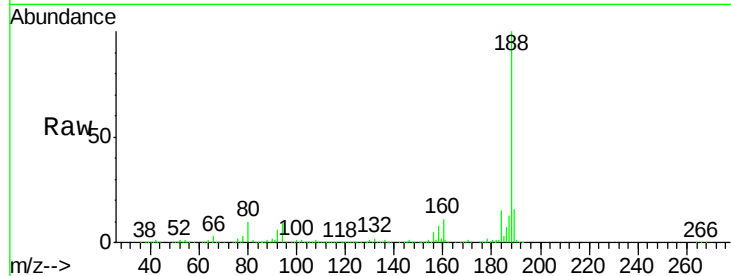
94 9.4 10.0 15.0#

80 10.5 11.2 16.8#

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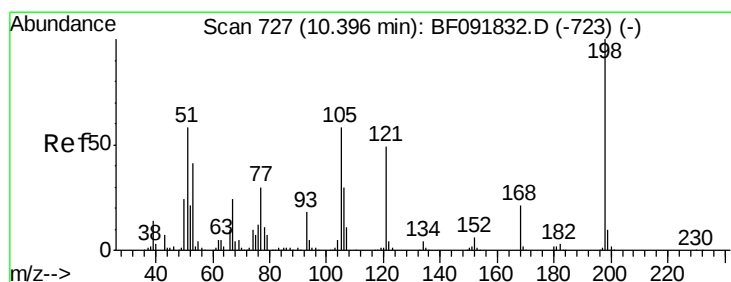
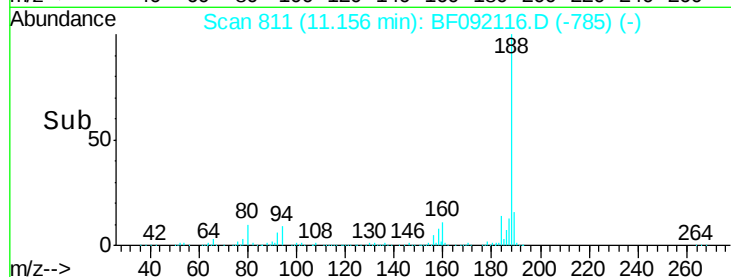
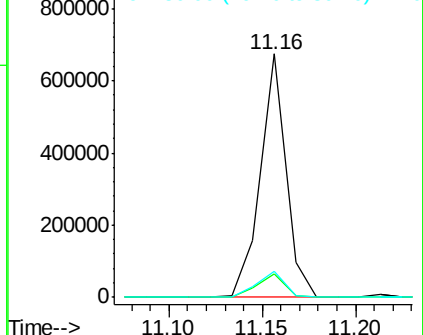
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 41.19 ng

RT: 10.29 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

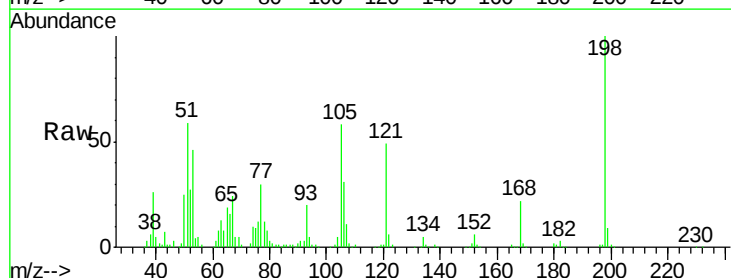
Tgt Ion:198 Resp: 159991

Ion Ratio Lower Upper

198 100

51 59.0 6.7 46.7#

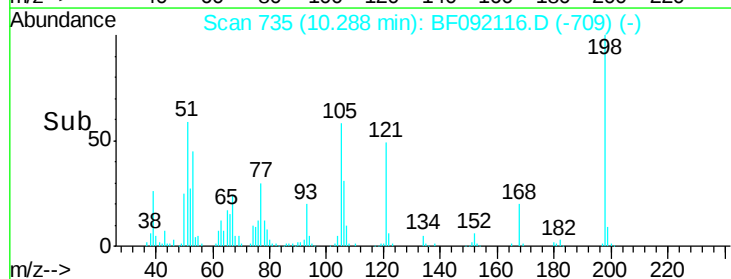
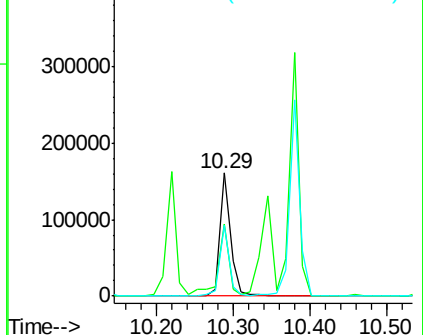
105 58.0 16.6 56.6#

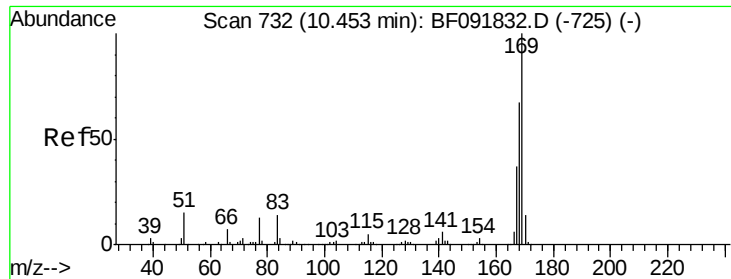


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 44.80 ng

RT: 10.34 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

Instrument :

BNA_F

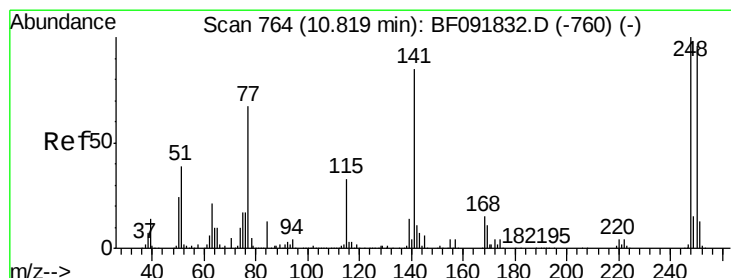
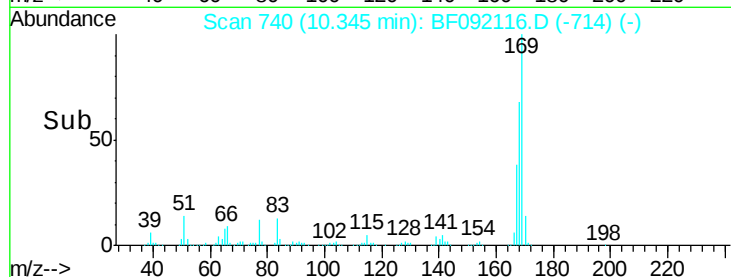
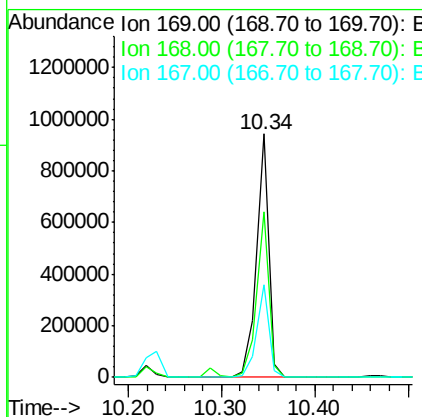
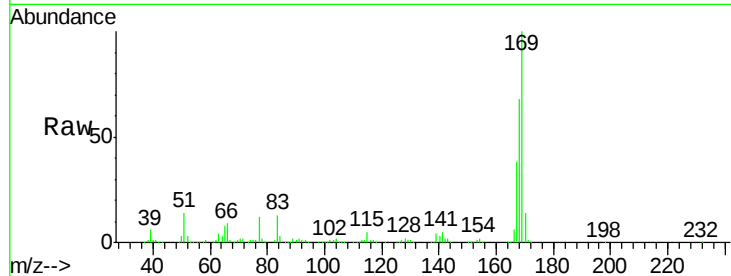
ClientSampleId :

PB95798BSD

Tot Ion:	169	Resp:	853947
Ion Ratio	Lower	Upper	
169	100		
168	67.8	54.2	81.2
167	37.8	30.2	45.4

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#66

4-Bromophenyl-phenylether

Concen: 43.74 ng

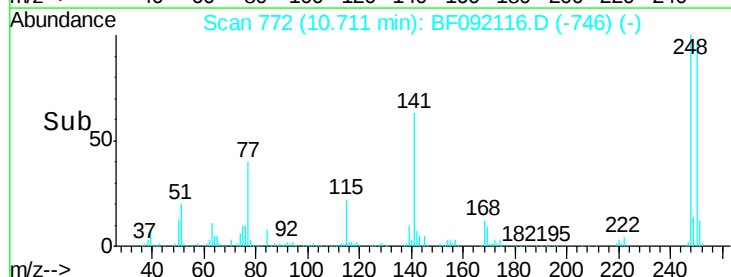
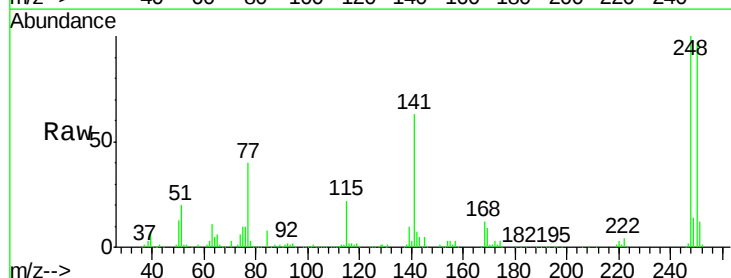
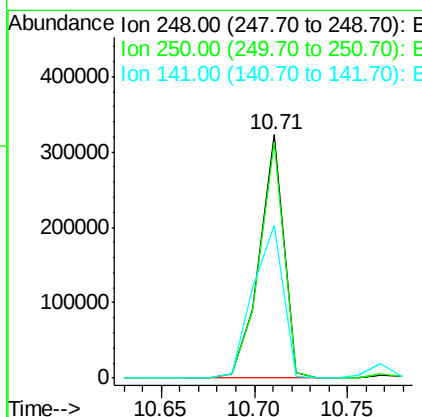
RT: 10.71 min Scan# 772

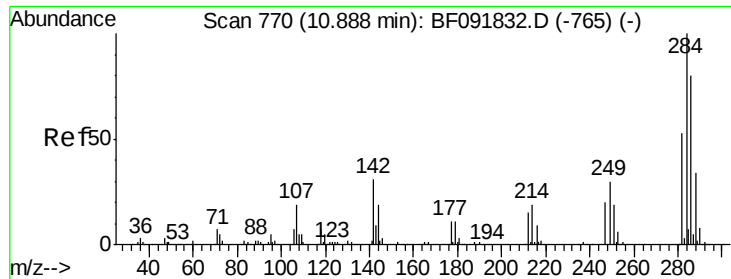
Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

Tgt Ion:	248	Resp:	292301
Ion Ratio	Lower	Upper	
248	100		
250	97.0	76.9	115.3
141	62.6	68.2	102.4#





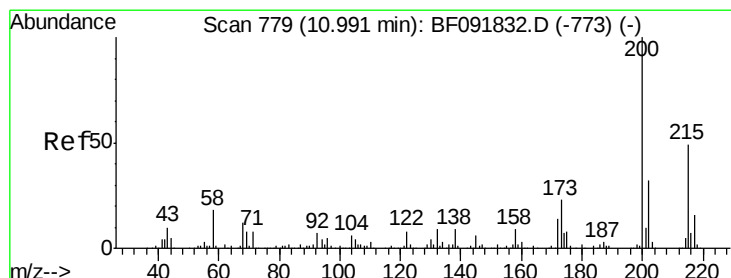
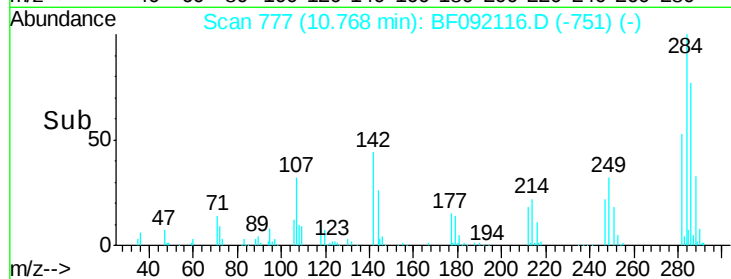
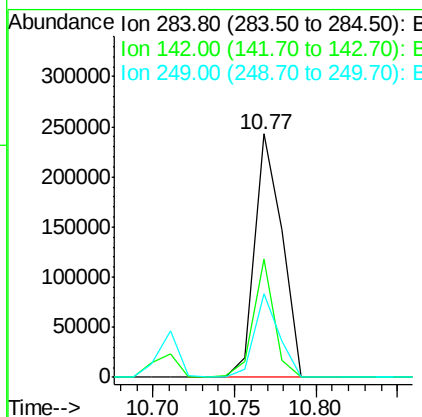
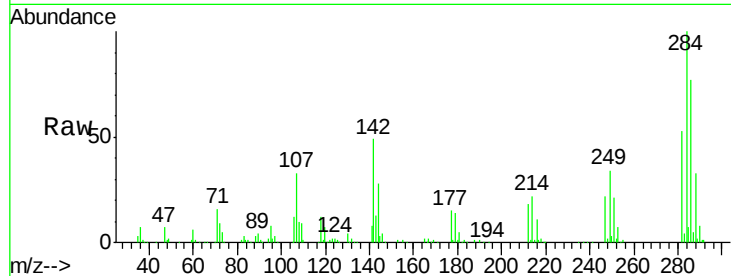
#67
Hexachlorobenzene
Concen: 39.43 ng
RT: 10.77 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Instrument :
BNA_F
ClientSampleId :
PB95798BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	281609		
142	48.6	22.6	33.8#	
249	34.3	25.4	38.0	

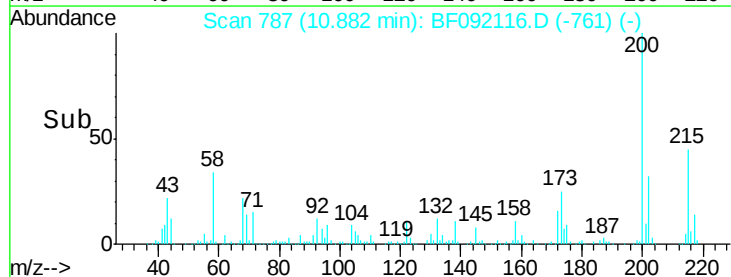
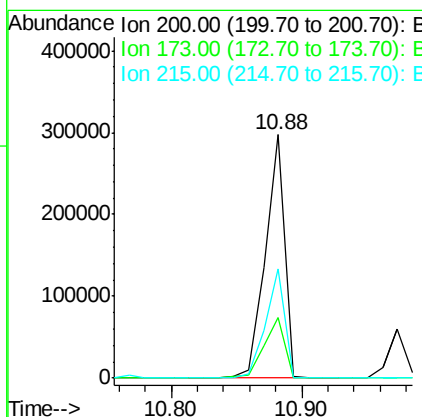
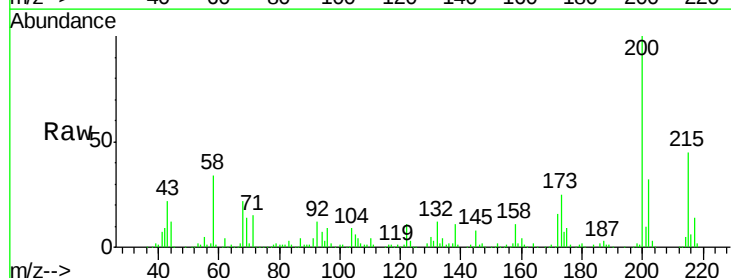
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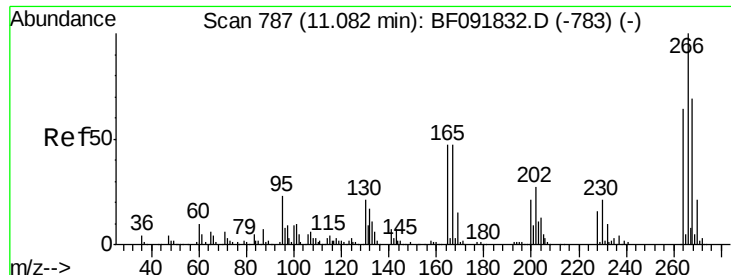
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#68
Atrazine
Concen: 49.94 ng
RT: 10.88 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	307056		
173	24.8	9.6	49.6	
215	44.7	25.7	65.7	





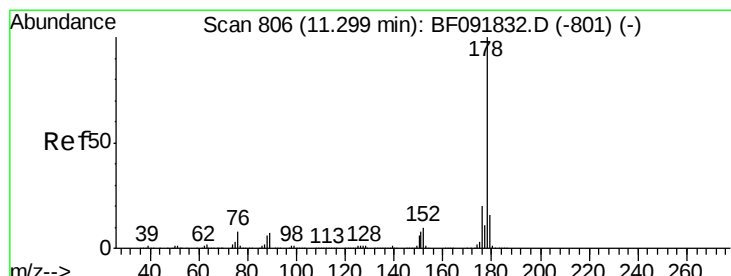
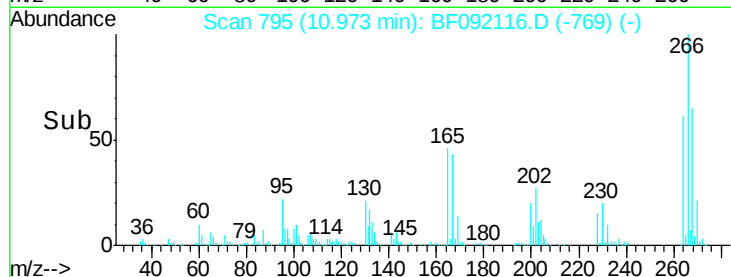
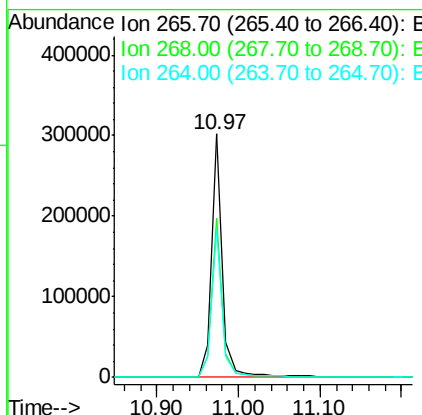
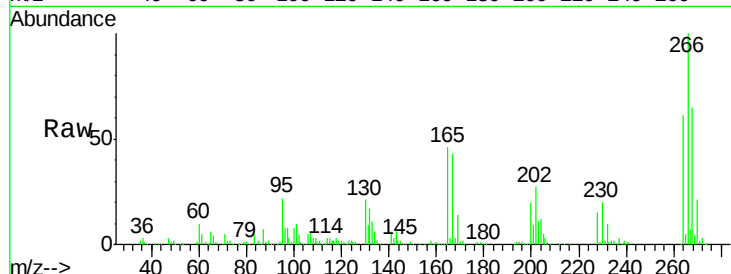
#69
 Pentachlorophenol
 Concen: 81.82 ng
 RT: 10.97 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF092116.D
 Acq: 6 Jan 2017 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB95798BSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.2	53.3	79.9
264	61.2	50.3	75.5

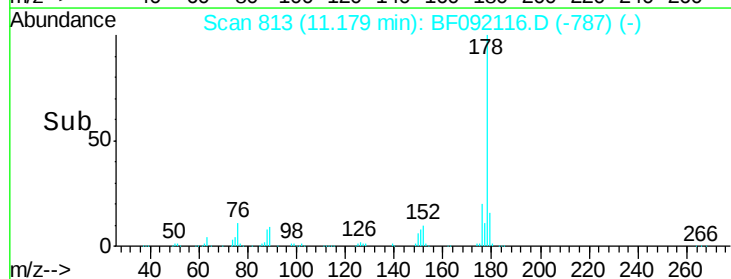
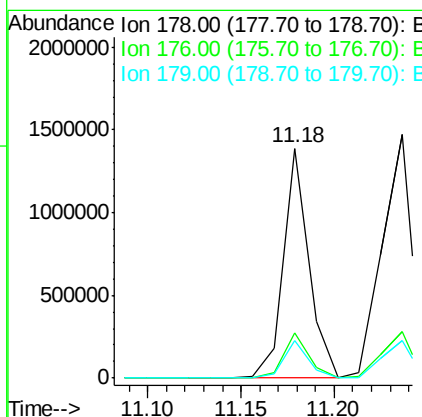
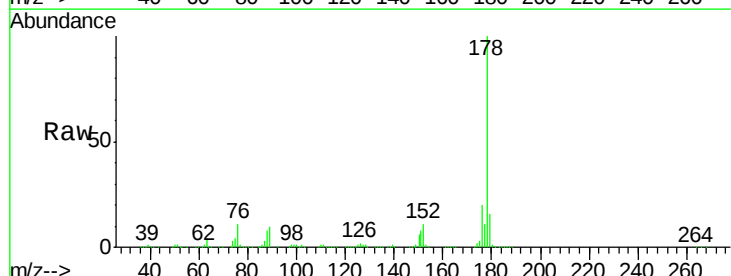
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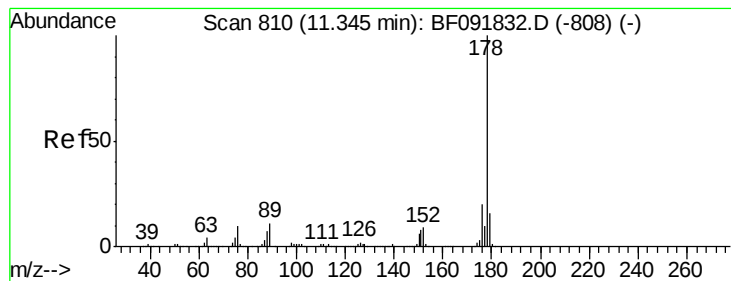
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#70
 Phenanthrene
 Concen: 37.92 ng
 RT: 11.18 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF092116.D
 Acq: 6 Jan 2017 14:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.6	25.0
179	16.1	12.8	19.2





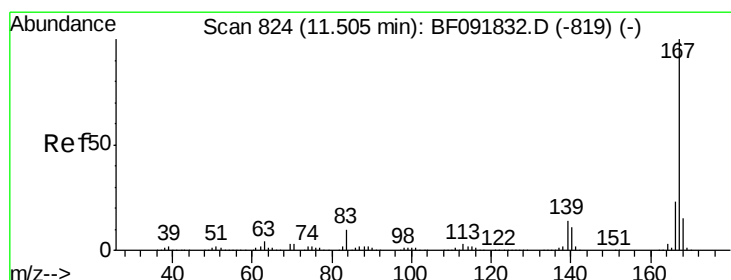
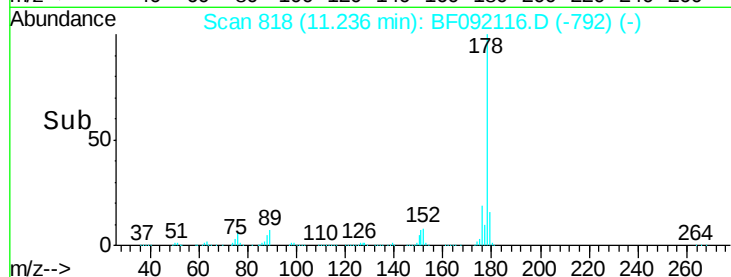
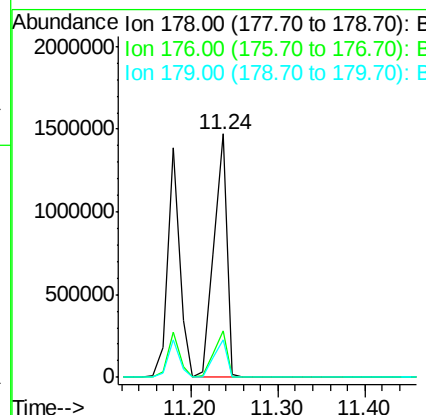
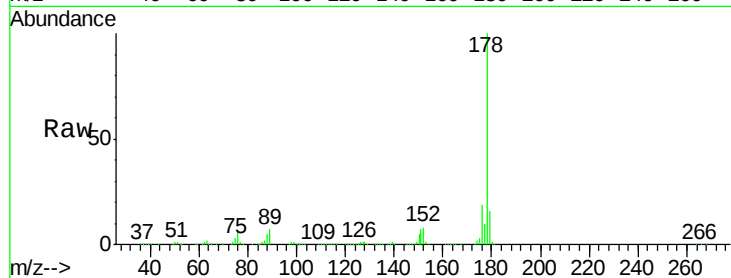
#71
 Anthracene
 Concen: 54.54 ng
 RT: 11.24 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF092116.D
 Acq: 6 Jan 2017 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB95798BSD

Tot Ion:178 Resp: 1562909
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.9 23.9
 179 15.6 13.2 19.8

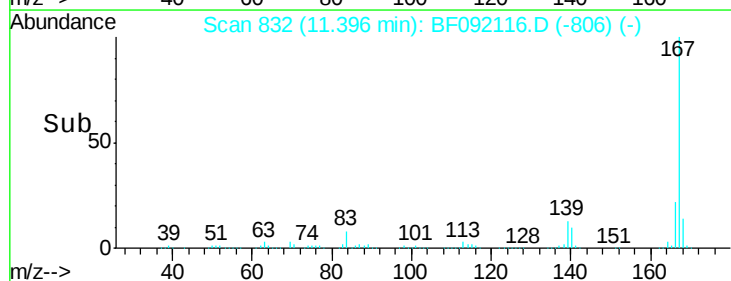
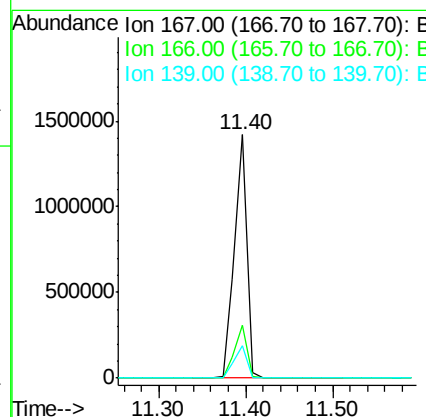
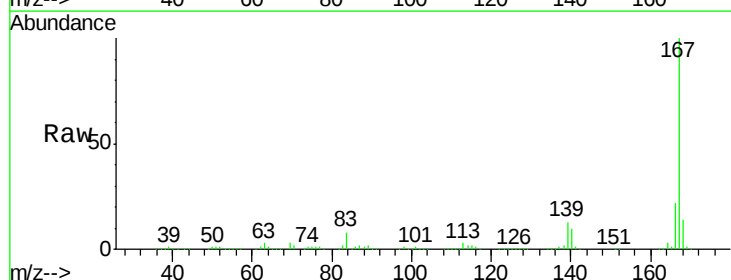
Manual Integrations
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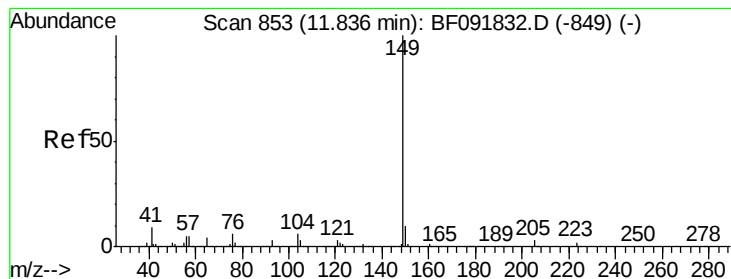
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#72
 Carbazole
 Concen: 54.07 ng
 RT: 11.40 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF092116.D
 Acq: 6 Jan 2017 14:52

Tgt Ion:167 Resp: 1411451
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.2 27.2
 139 13.3 11.4 17.2





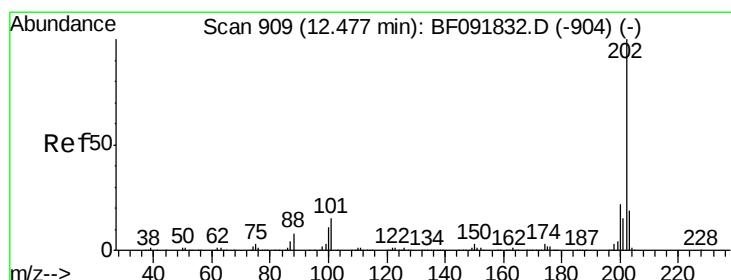
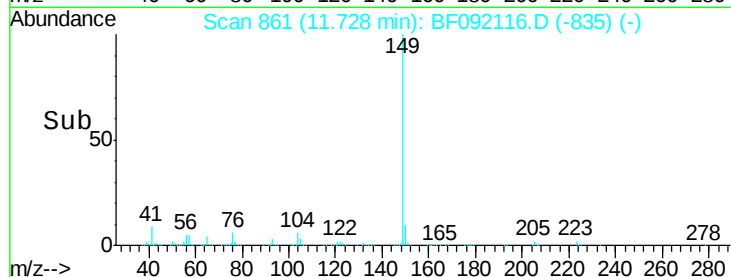
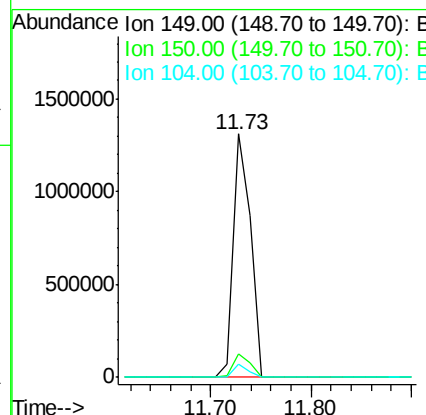
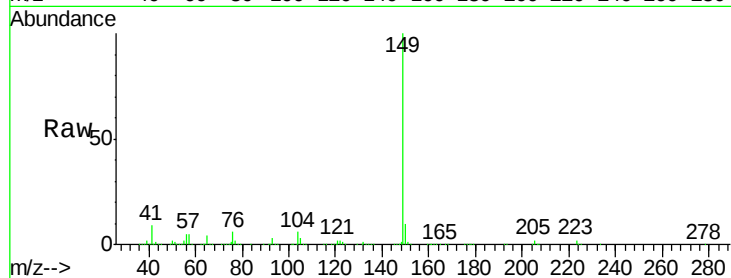
#73
Di-n-butylphthalate
Concen: 47.28 ng
RT: 11.73 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Instrument :
BNA_F
ClientSampleId :
PB95798BSD

Tot Ion:149 Resp: 1553745
Ion Ratio Lower Upper
149 100
150 9.8 8.1 12.1
104 5.5 4.6 7.0

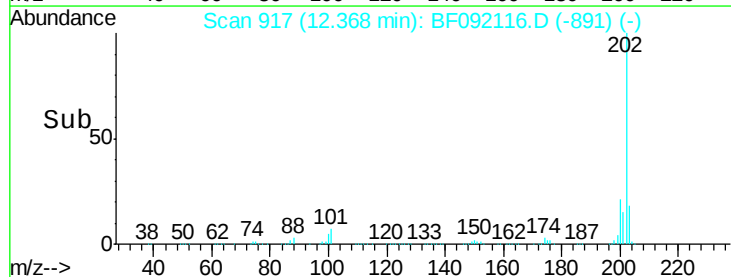
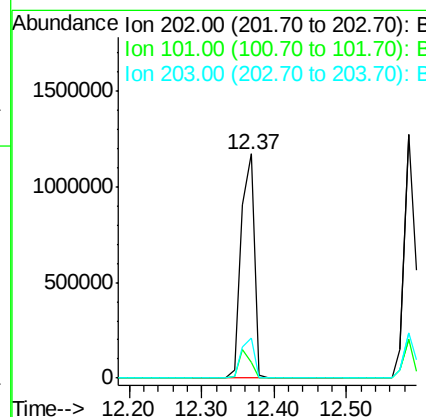
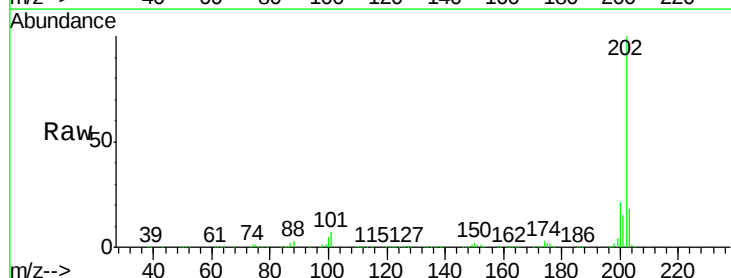
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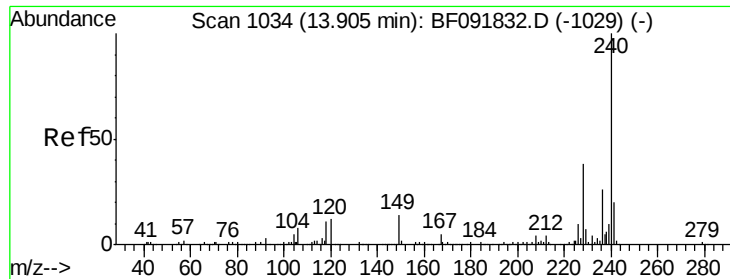
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#74
Fluoranthene
Concen: 48.57 ng
RT: 12.37 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Tgt Ion:202 Resp: 1474921
Ion Ratio Lower Upper
202 100
101 7.0 0.0 34.6
203 17.7 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

Instrument :

BNA_F

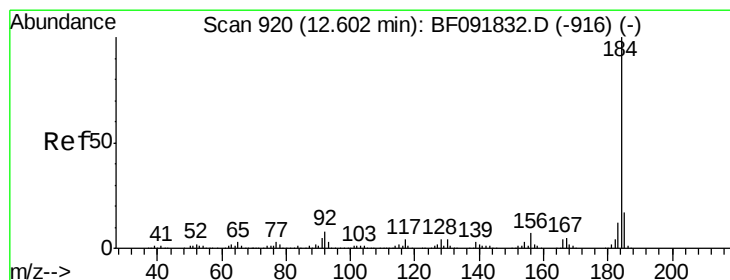
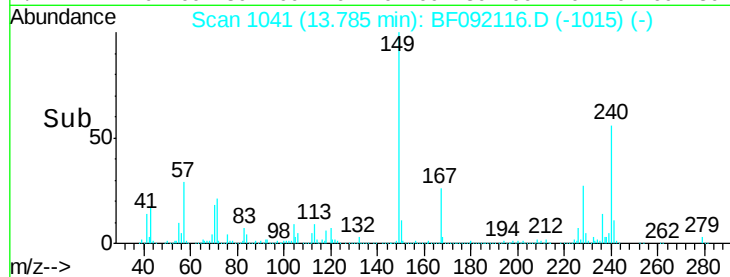
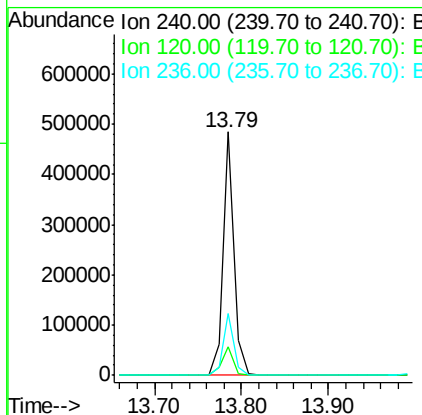
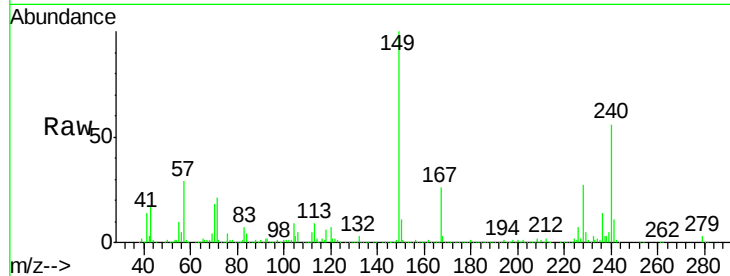
ClientSampleId :

PB95798BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.9	12.9	19.3#
236	25.6	20.9	31.3

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#76

Benzidine

Concen: 39.20 ng

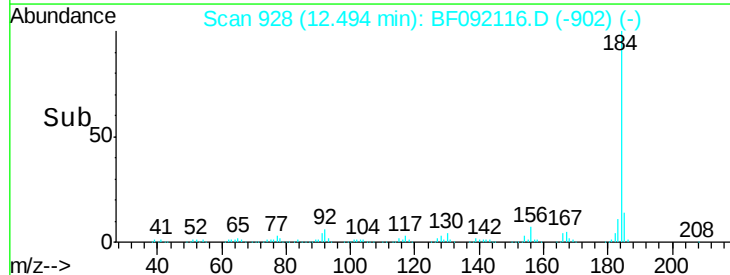
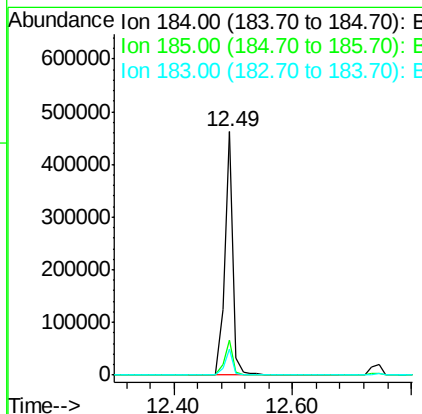
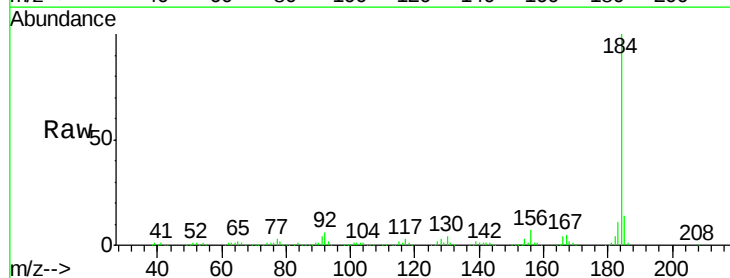
RT: 12.49 min Scan# 928

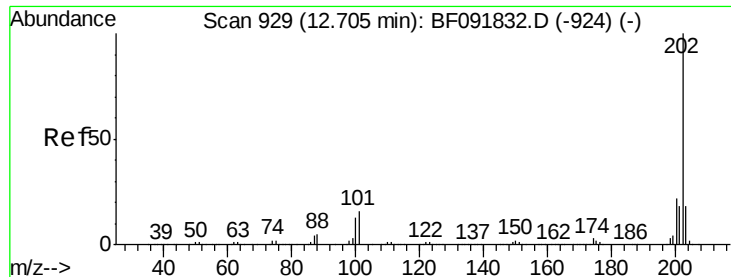
Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	13.4	20.0
183	10.9	9.2	13.8





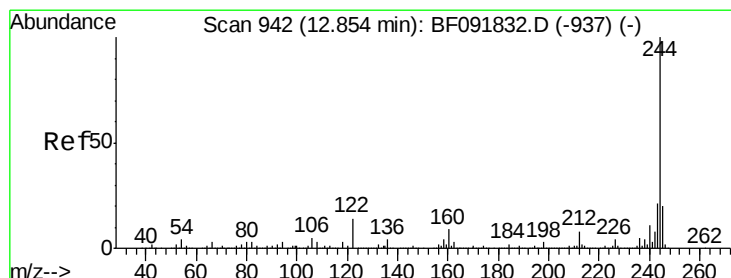
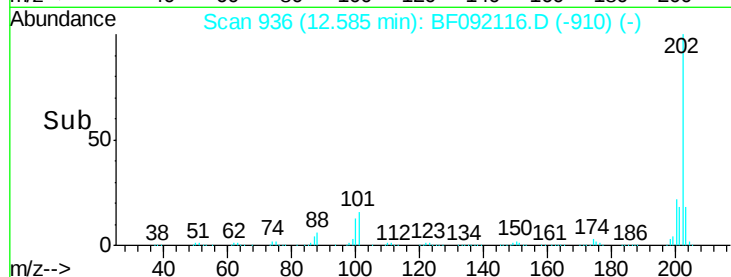
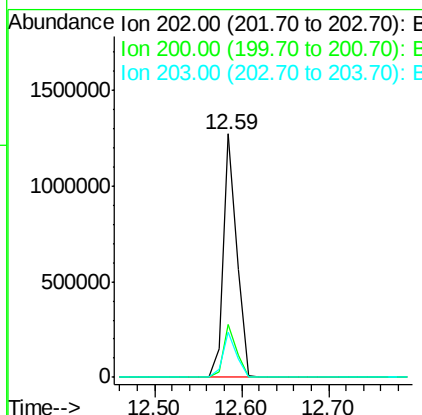
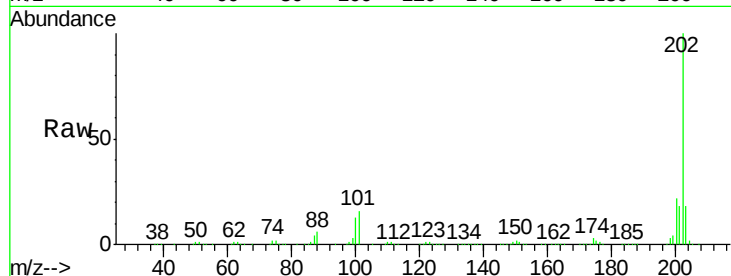
#77
Pvrene
Concen: 43.66 ng
RT: 12.59 min Scan# 936
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Instrument :
BNA_F
ClientSampleId :
PB95798BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.7	26.5
203	18.4	14.7	22.1

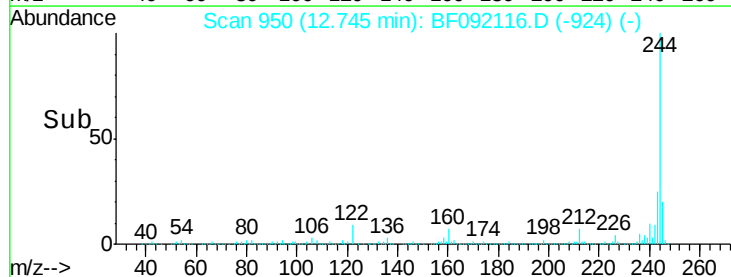
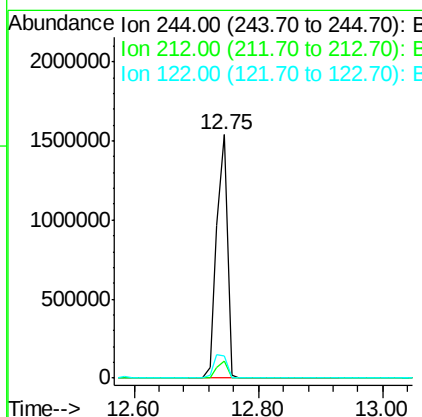
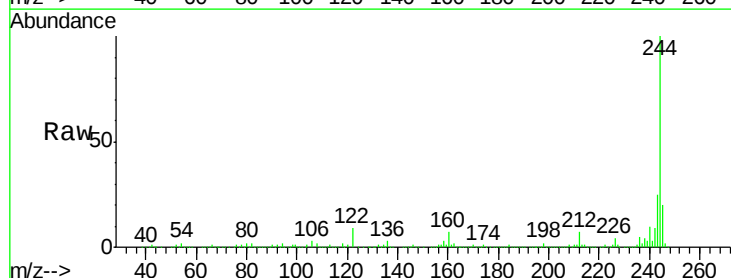
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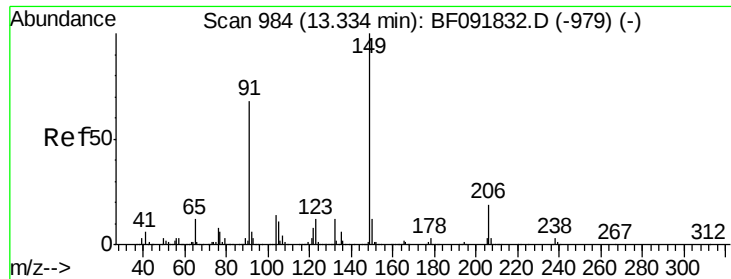
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#78
Terphenyl-d14
Concen: 100.99 ng
RT: 12.75 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	9.4	11.4	17.2





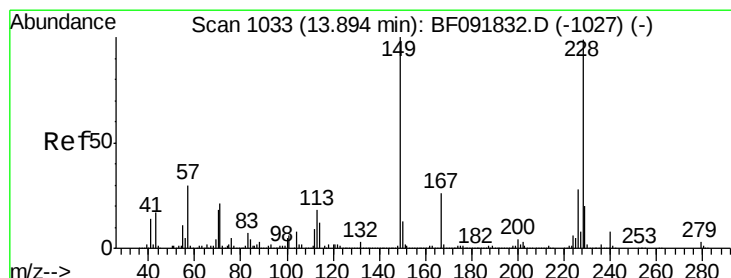
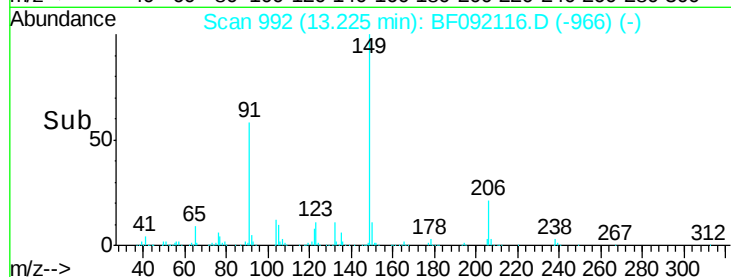
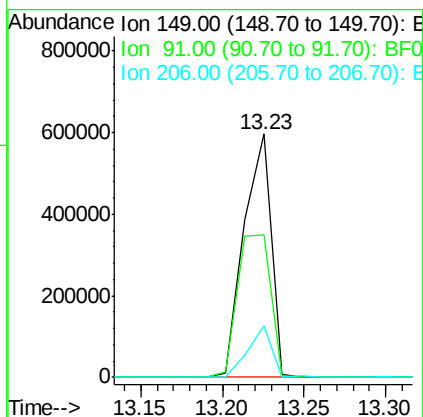
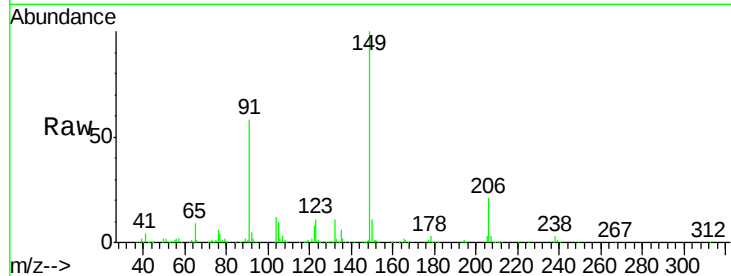
#79
Butylbenzylphthalate
Concen: 47.96 ng
RT: 13.23 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Instrument :
BNA_F
ClientSampleID :
PB95798BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	58.3	63.9	95.9#
206	21.3	14.6	21.8

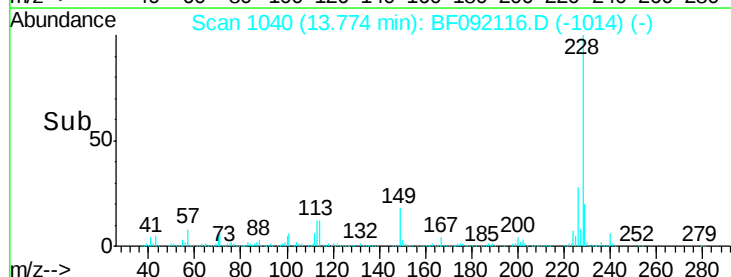
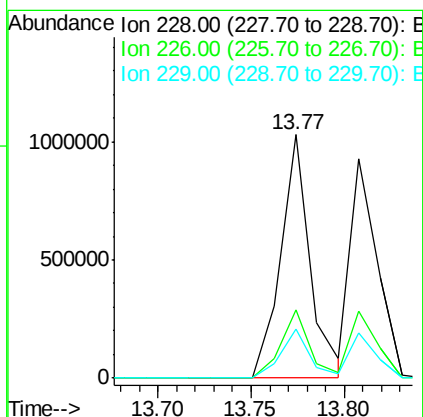
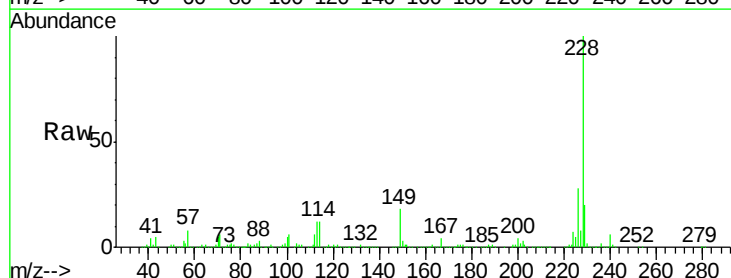
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#80
Benzo(a)anthracene
Concen: 46.77 ng
RT: 13.77 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.4	33.6
229	20.0	16.2	24.4





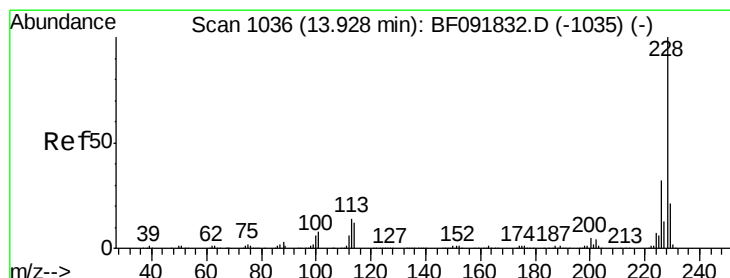
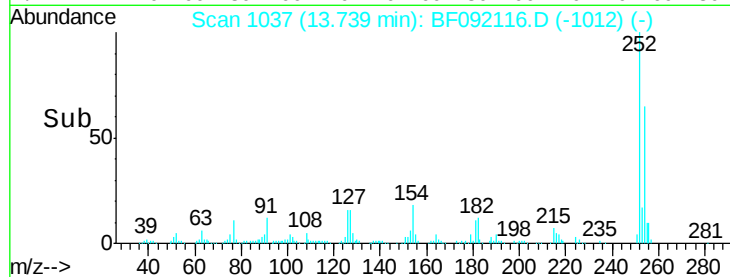
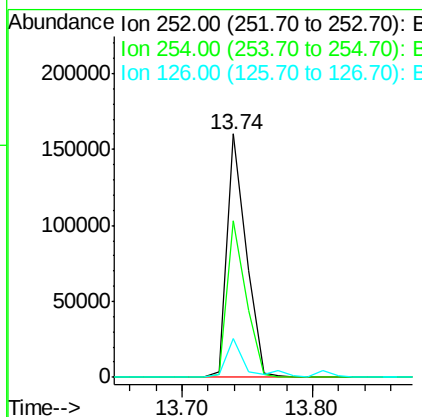
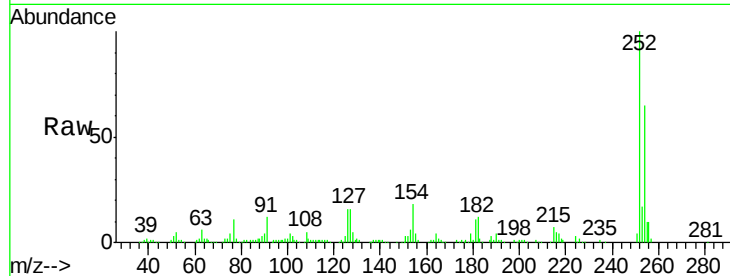
#81
 3,3'-Dichlorobenzidine
 Concen: 17.76 ng
 RT: 13.74 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF092116.D
 Acq: 6 Jan 2017 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB95798BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	163397		
254	64.6	52.3	78.5	
126	16.0	13.6	20.4	

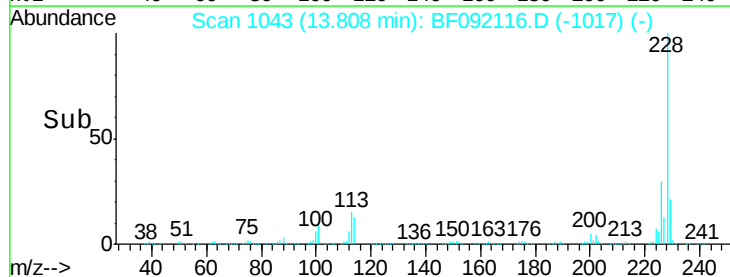
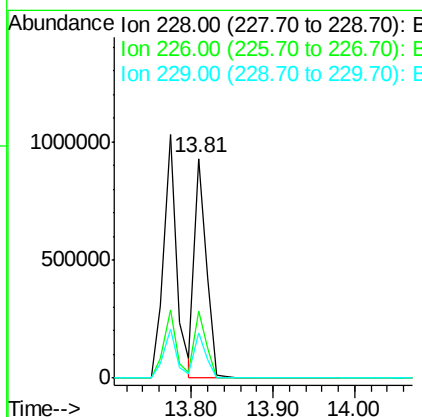
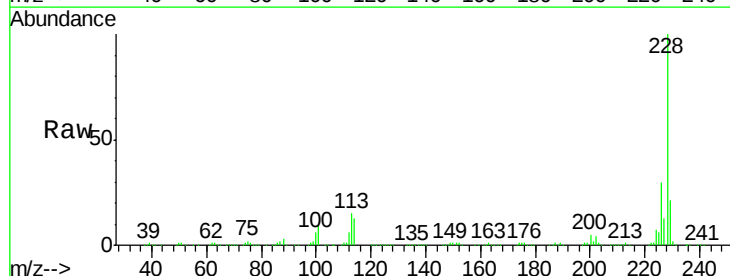
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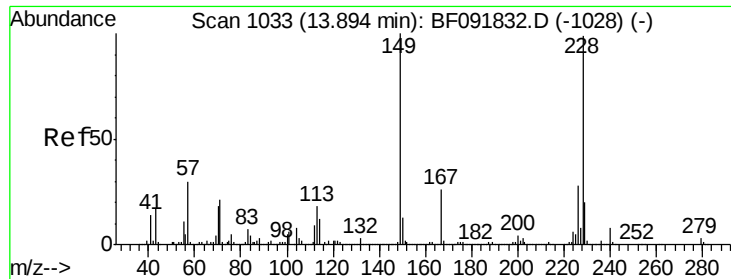
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#82
 Chrysene
 Concen: 38.99 ng
 RT: 13.81 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF092116.D
 Acq: 6 Jan 2017 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	948712		
226	30.5	25.4	38.0	
229	20.6	16.2	24.2	





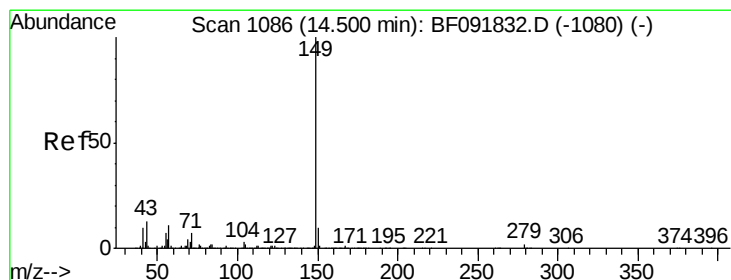
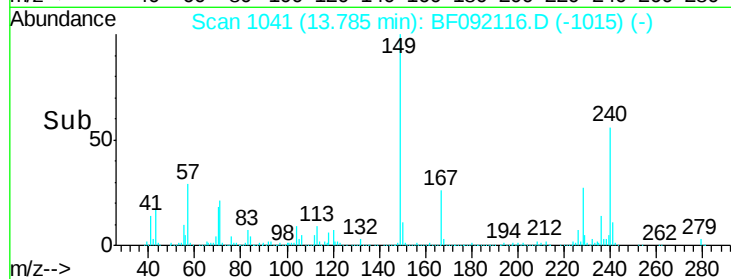
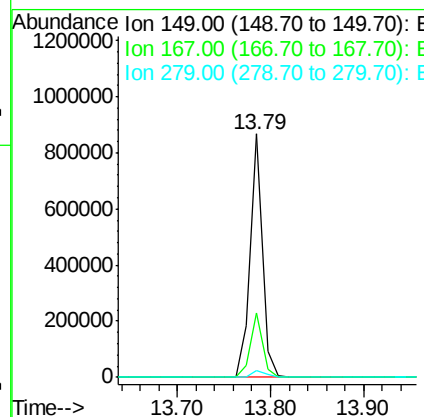
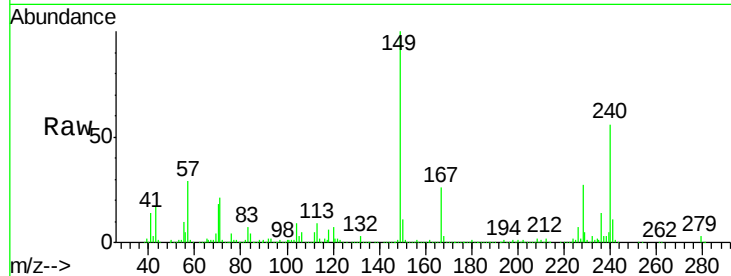
#83
Bis(2-ethylhexyl)phthalate
Concen: 47.02 ng
RT: 13.79 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Instrument :
BNA_F
ClientSampleId :
PB95798BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	794181		
167	26.2	20.2	30.4	
279	2.9	1.8	2.8#	

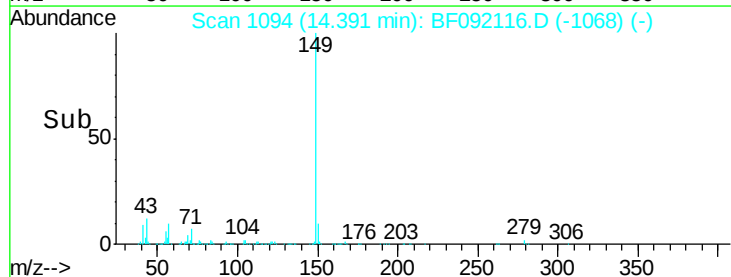
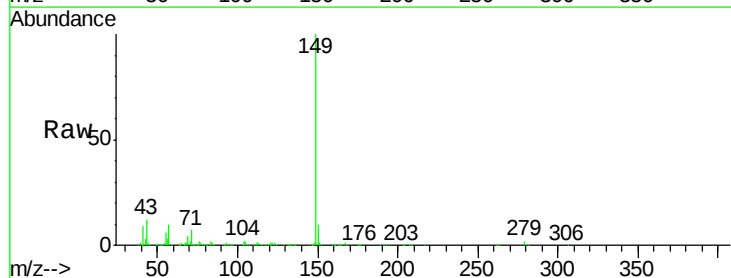
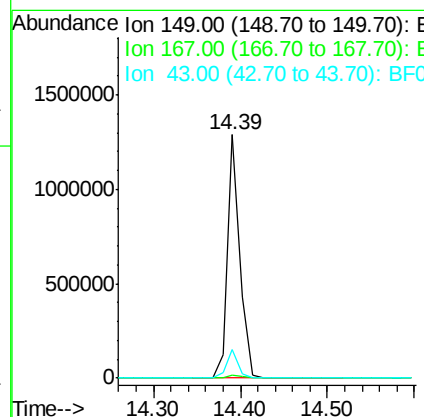
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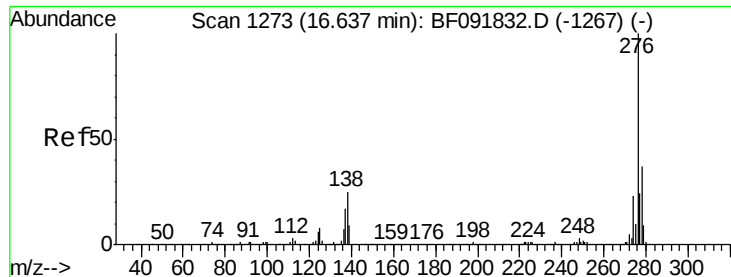
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#84
Di-n-octyl phthalate
Concen: 40.93 ng
RT: 14.39 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1280541		
167	1.5	1.3	1.9	
43	10.7	8.9	13.3	





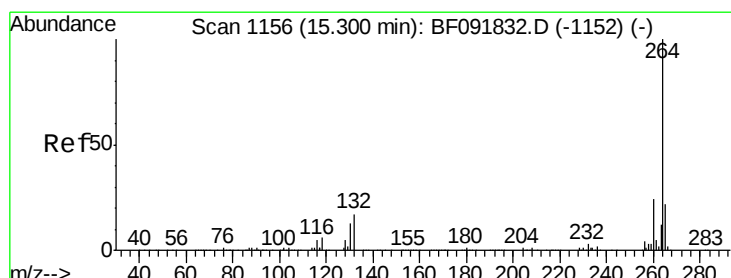
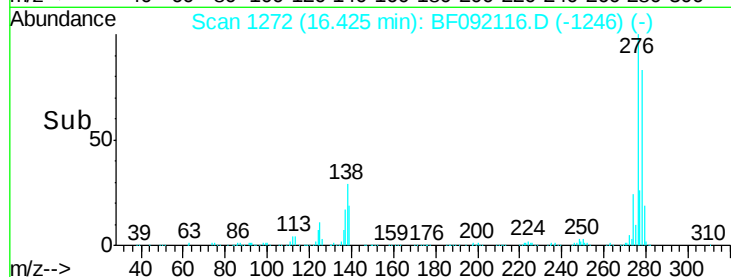
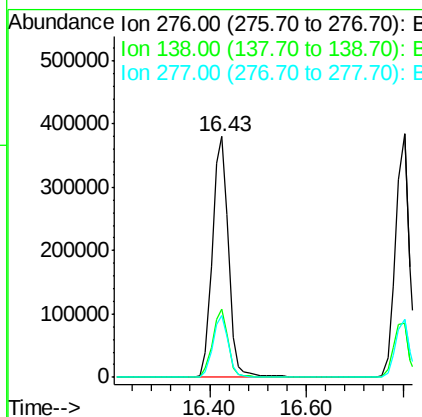
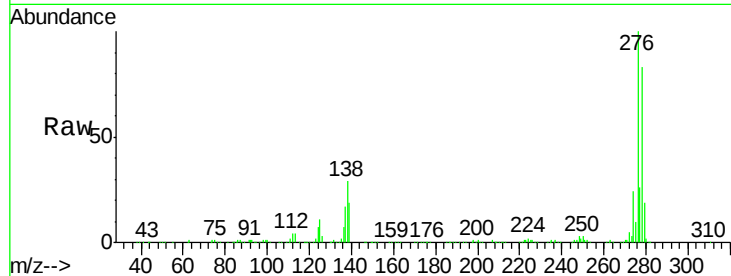
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.71 ng
RT: 16.43 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Instrument :
BNA_F
ClientSampleId :
PB95798BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.4	21.8	32.6
277	24.9	20.2	30.4

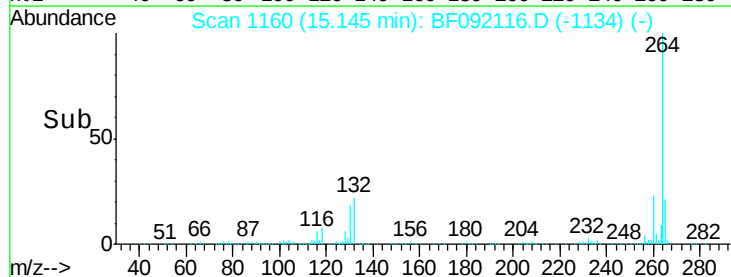
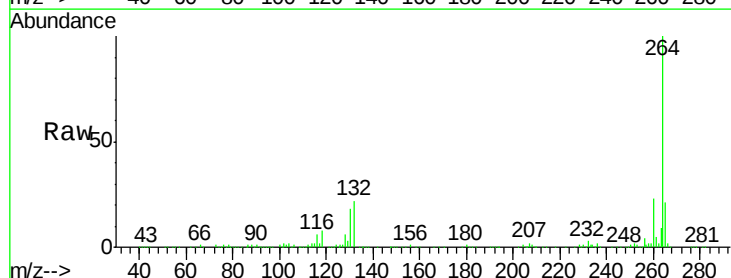
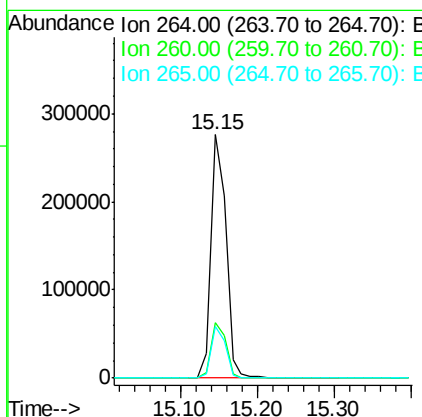
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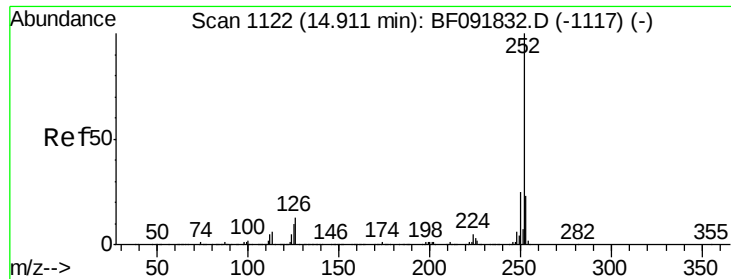
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.0	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 42.57 ng m

RT: 14.78 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

Instrument :

BNA_F

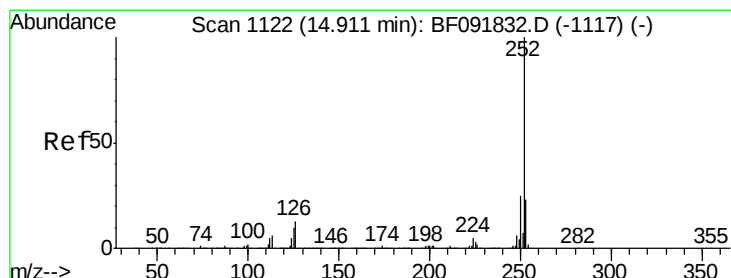
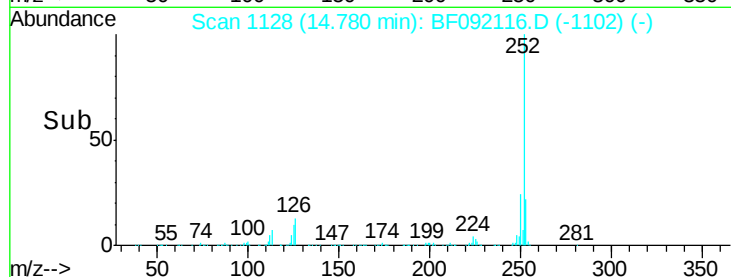
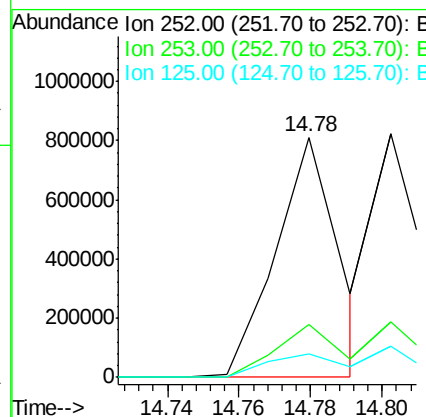
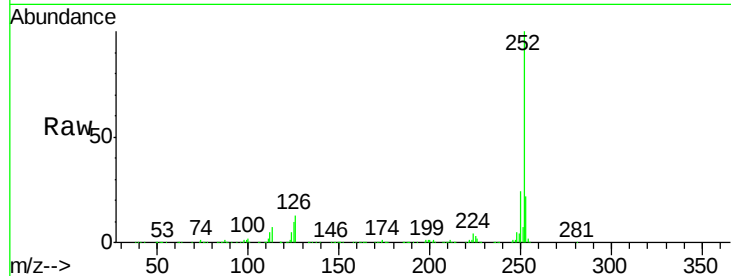
ClientSampleId :

PB95798BSD

Tot Ion:	252	Resp:	987034
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.2	27.4
125	10.0	9.8	14.6

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#88

Benzo(k)fluoranthene

Concen: 40.79 ng m

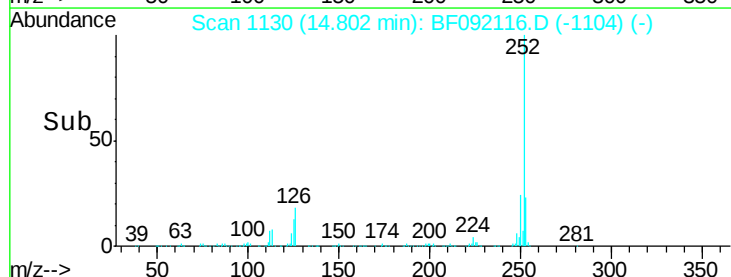
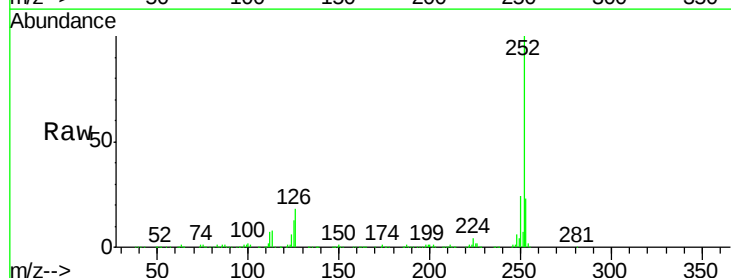
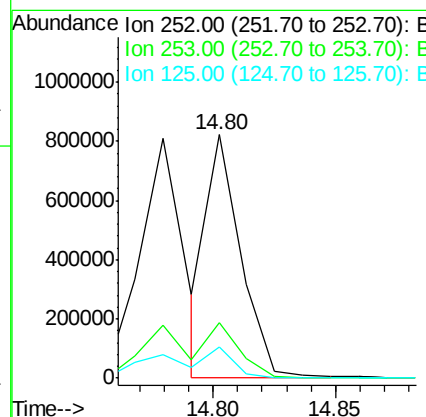
RT: 14.80 min Scan# 1130

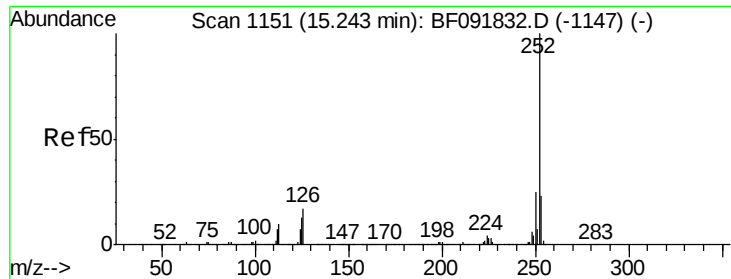
Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

Tgt Ion:	252	Resp:	806506
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.5	27.7
125	12.8	8.9	13.3





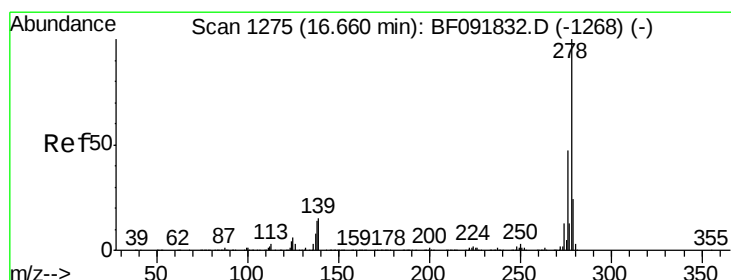
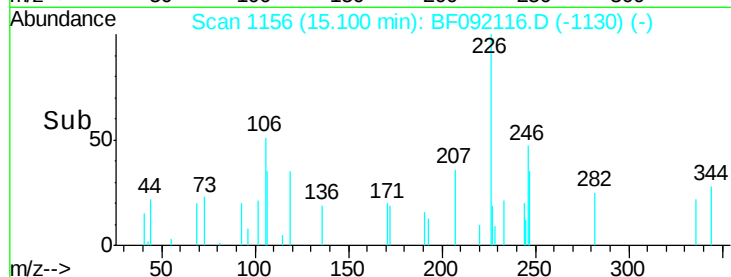
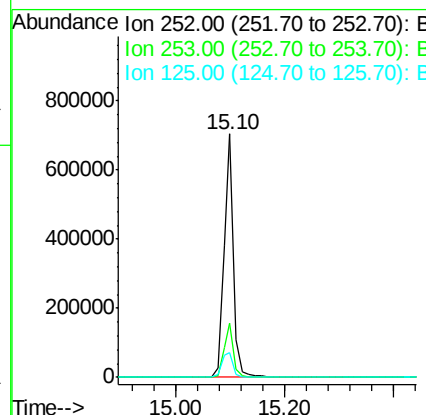
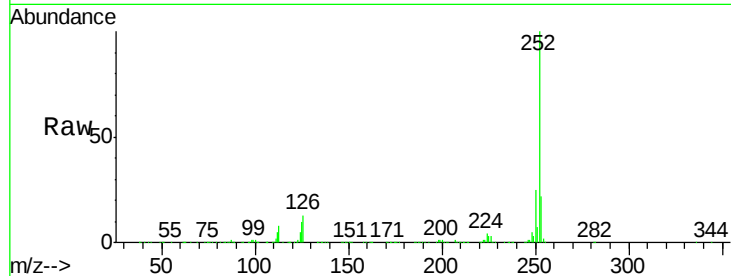
#89
Benzo(a)pyrene
Concen: 42.13 ng
RT: 15.10 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Instrument :
BNA_F
ClientSampleId :
PB95798BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	10.4	10.0	15.0

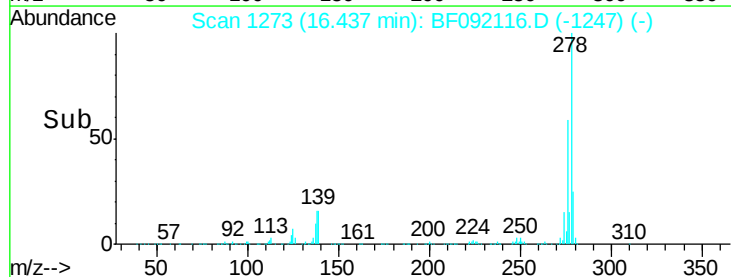
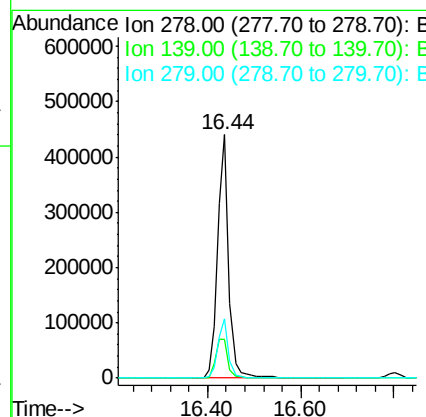
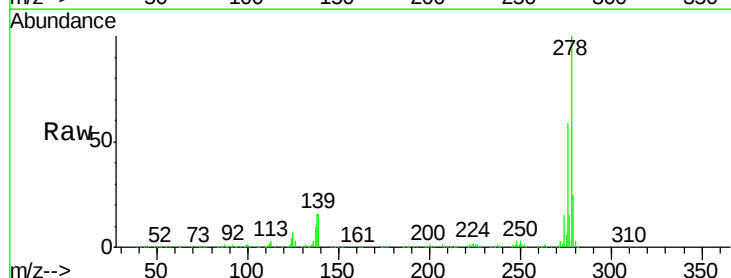
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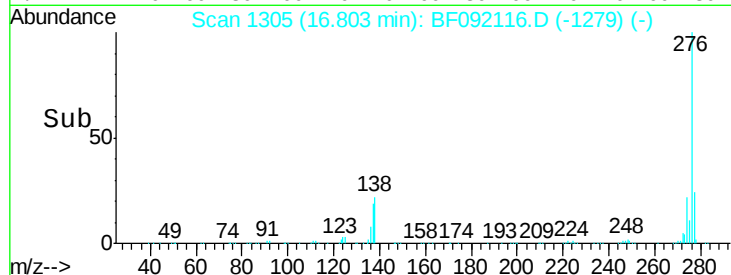
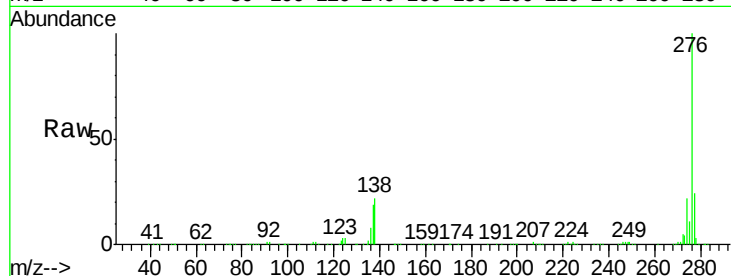
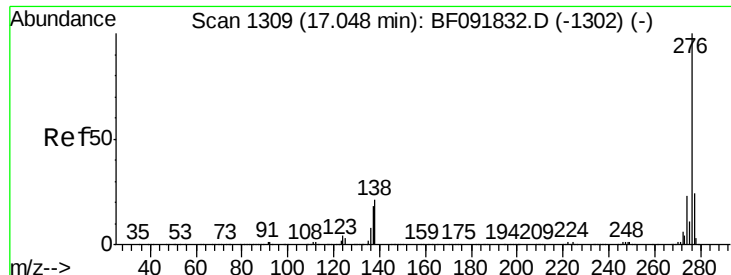
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#90
Dibenzo(a,h)anthracene
Concen: 43.61 ng
RT: 16.44 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.9	14.8	22.2
279	24.5	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 43.77 ng
 RT: 16.80 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BF092116.D
 Acq: 6 Jan 2017 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB95798BSD

Tot Ion:	276	Resp:	769905
Ion Ratio		Lower	Upper
276	100		
277	23.8	19.2	28.8
138	22.2	16.0	24.0

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