

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
 Data File : BF093019.D
 Acq On : 17 Feb 2017 19:14
 Operator : SJ/MA
 Sample : I1879-05MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-3MSD

Manual Integrations
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 2/20/2017 12:59:52 PM

Quant Time: Feb 17 23:22:51 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	164729	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	638345	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	306050	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	568324	20.00	ng	0.00
75) Chrysene-d12	14.02	240	451498	20.00	ng	0.00
86) Perylene-d12	15.44	264	342858	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1324700	137.97	ng	0.01
7) Phenol-d6	6.50	99	1780549	144.12	ng	0.01
23) Nitrobenzene-d5	7.42	82	1105077	96.40	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	395616	178.73	ng	0.01
44) 2-Fluorobiphenyl	9.22	172	1724813	102.10	ng	0.00
78) Terphenyl-d14	12.96	244	1558546	81.11	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	203831	39.29	ng	# 82
3) Pyridine	3.21	79	415903	31.53	ng	86
4) n-Nitrosodimethylamine	3.16	42	291685	47.09	ng	86
6) Aniline	6.52	93	437862	25.98	ng	# 55
8) 2-Chlorophenol	6.64	128	500466	47.25	ng	88
9) Benzaldehyde	6.40	77	112447	12.70	ng	97
10) Phenol	6.51	94	602187	41.66	ng	91
11) bis(2-Chloroethyl)ether	6.59	93	492007	42.65	ng	90
12) 1,3-Dichlorobenzene	6.80	146	571512	46.06	ng	98
13) 1,4-Dichlorobenzene	6.86	146	566948	45.15	ng	98
14) 1,2-Dichlorobenzene	7.02	146	555771	46.29	ng	97
15) Benzyl Alcohol	7.00	79	431182	47.14	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	958080	47.80	ng	95
17) 2-Methylphenol	7.12	107	442212	48.66	ng	96
18) Hexachloroethane	7.37	117	199115	46.45	ng	# 88
19) n-Nitroso-di-n-propylamine	7.28	70	350678	44.59	ng	97
20) 3+4-Methylphenols	7.28	107	536425	49.37	ng	92
22) Acetophenone	7.26	105	683150	46.87	ng	# 95
24) Nitrobenzene	7.45	77	584348	49.64	ng	# 81
25) Isophorone	7.69	82	1087631	50.92	ng	98
26) 2-Nitrophenol	7.76	139	280465	50.13	ng	96
27) 2,4-Dimethylphenol	7.80	122	512624	52.17	ng	96
28) bis(2-Chloroethoxy)methane	7.89	93	664085	46.94	ng	99
29) 2,4-Dichlorophenol	8.01	162	472296	51.54	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	477490	48.35	ng	97
31) Naphthalene	8.17	128	1506906	46.57	ng	98
32) Benzoic acid	7.93	122	188464	35.96	ng	97
33) 4-Chloroaniline	8.21	127	191287	15.07	ng	99
34) Hexachlorobutadiene	8.28	225	245482	45.18	ng	98
35) Caprolactam	8.59	113	152783m	53.00	ng	
36) 4-Chloro-3-methylphenol	8.70	107	475170	49.73	ng	99
37) 2-Methylnaphthalene	8.85	142	984880	47.40	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	445733	51.88	ng	99
40) Hexachlorocyclopentadiene	9.00	237	328205	84.67	ng	96

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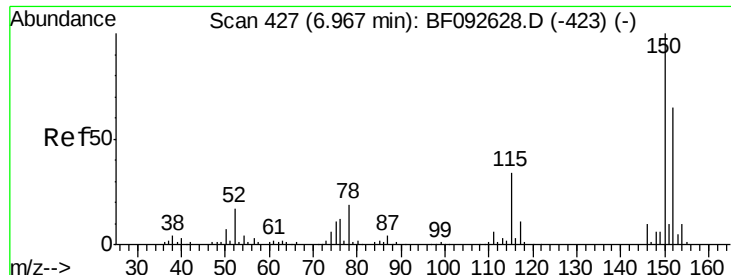
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	336611m	59.63	ng	
43) 2,4,5-Trichlorophenol	9.18	196	339362m	54.87	ng	
45) 1,1'-Biphenyl	9.32	154	1228129	55.42	ng	100
46) 2-Chloronaphthalene	9.34	162	970949	56.01	ng	99
47) 2-Nitroaniline	9.45	65	335104	57.49	ng	# 72
48) Acenaphthylene	9.76	152	1399918	46.74	ng	99
49) Dimethylphthalate	9.63	163	1641207	79.61	ng	100
50) 2,6-Dinitrotoluene	9.69	165	255247	57.33	ng	# 90
51) Acenaphthene	9.93	154	910097	50.83	ng	97
52) 3-Nitroaniline	9.86	138	154384	30.30	ng	# 68
53) 2,4-Dinitrophenol	9.96	184	196494	86.36	ng	# 62
54) Dibenzofuran	10.10	168	1164851	48.64	ng	98
55) 4-Nitrophenol	10.03	139	344900	93.99	ng	93
56) 2,4-Dinitrotoluene	10.09	165	302320	51.01	ng	# 91
57) Fluorene	10.44	166	882848	47.92	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	265317	64.30	ng	94
59) Diethylphthalate	10.33	149	1098867	56.56	ng	# 94
60) 4-Chlorophenyl-phenylether	10.43	204	418436	47.27	ng	95
61) 4-Nitroaniline	10.48	138	283682	54.36	ng	88
62) Azobenzene	10.59	77	1161892	57.89	ng	96
64) 4,6-Dinitro-2-methylphenol	10.50	198	163784	47.38	ng	# 56
65) n-Nitrosodiphenylamine	10.56	169	814835	44.88	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	253690	42.73	ng	95
67) Hexachlorobenzene	10.99	284	268694	45.79	ng	# 91
68) Atrazine	11.08	200	263131	45.16	ng	99
69) Pentachlorophenol	11.18	266	287054	93.44	ng	97
70) Phenanthrene	11.40	178	1340365	41.17	ng	99
71) Anthracene	11.46	178	1577052	48.23	ng	98
72) Carbazole	11.61	167	1324551	42.38	ng	100
73) Di-n-butylphthalate	11.94	149	1569403	46.43	ng	# 97
74) Fluoranthene	12.59	202	1461175	43.51	ng	97
76) Benzidine	12.71	184	302448	15.72	ng	96
77) Pyrene	12.82	202	1497237	44.31	ng	99
79) Butylbenzylphthalate	13.44	149	752312	54.83	ng	87
80) Benzo(a)anthracene	14.01	228	1153228	41.76	ng	99
81) 3,3'-Dichlorobenzidine	13.96	252	284713	28.92	ng	97
82) Chrysene	14.04	228	1070716	41.41	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	930615	49.59	ng	# 93
84) Di-n-octyl phthalate	14.60	149	1593947	52.16	ng	98
85) Indeno(1,2,3-cd)pyrene	16.85	276	927556	46.32	ng	95
87) Benzo(b)fluoranthene	15.04	252	1078375	47.79	ng	98
88) Benzo(k)fluoranthene	15.06	252	893193m	45.84	ng	
89) Benzo(a)pyrene	15.39	252	941238	48.22	ng	# 96
90) Dibenzo(a,h)anthracene	16.87	278	760903	48.23	ng	97
91) Benzo(g,h,i)perylene	17.28	276	799022	50.13	ng	# 91

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



#1

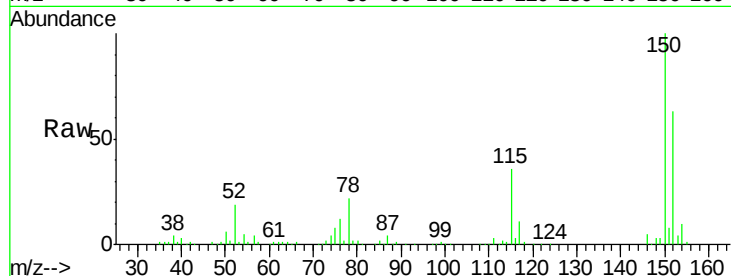
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF093019.D
Acq: 17 Feb 2017 19:14

Instrument :
BNA_F
ClientSampleId :
M-3MSD

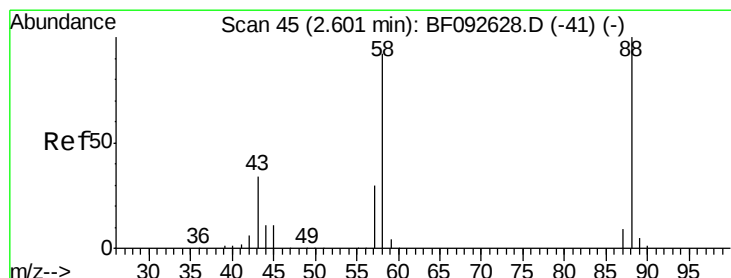
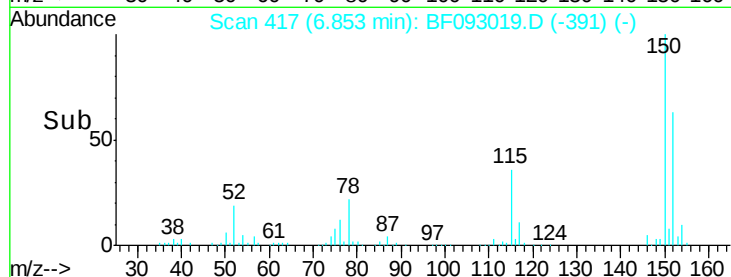
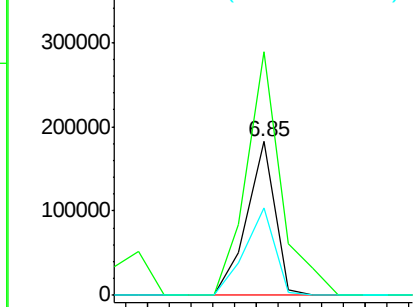
Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.9	187.3
115	56.7	46.0	69.0

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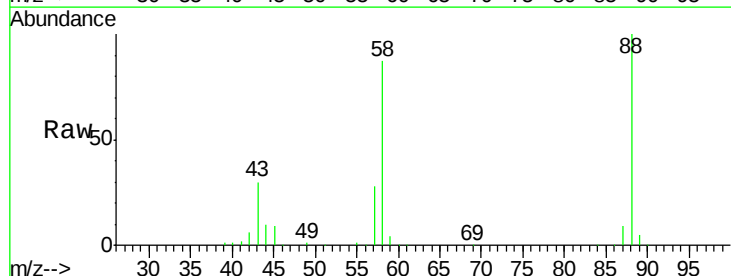
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



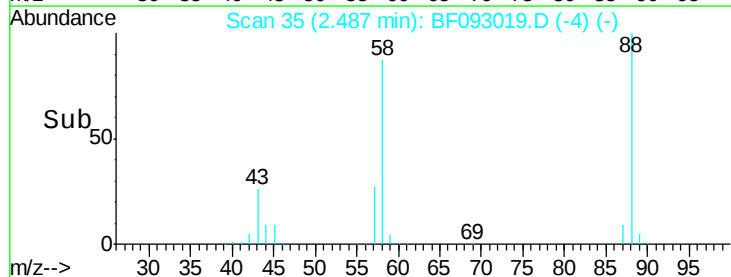
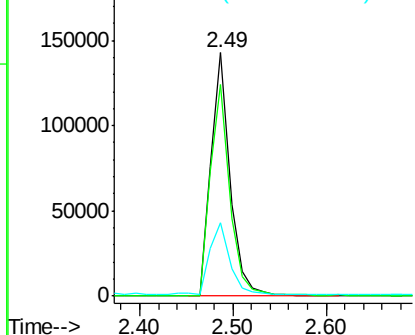
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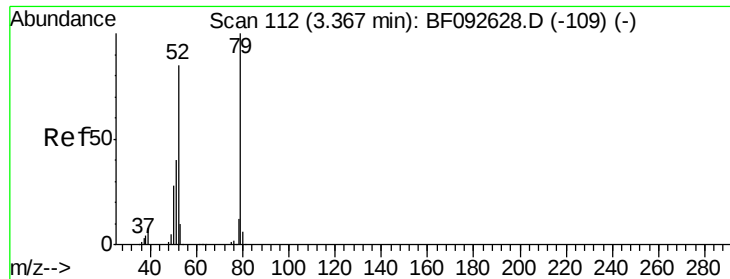
1,4-Dioxane
Concen: 39.29 ng
RT: 2.49 min Scan# 35
Delta R.T. 0.06 min
Lab File: BF093019.D
Acq: 17 Feb 2017 19:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.7	57.8	86.8#
43	31.4	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

Pyridine

Concen: 31.53 ng

RT: 3.21 min Scan# 98

Delta R.T. 0.06 min

Lab File: BF093019.D

Acq: 17 Feb 2017 19:14

Instrument :

BNA_F

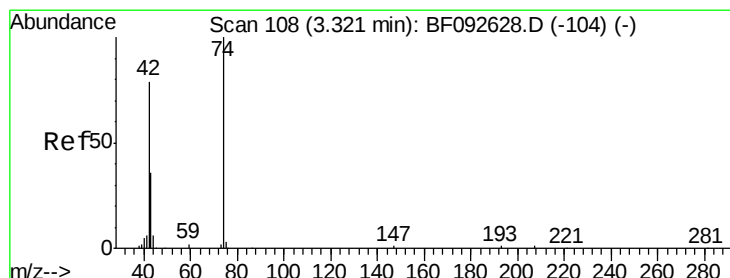
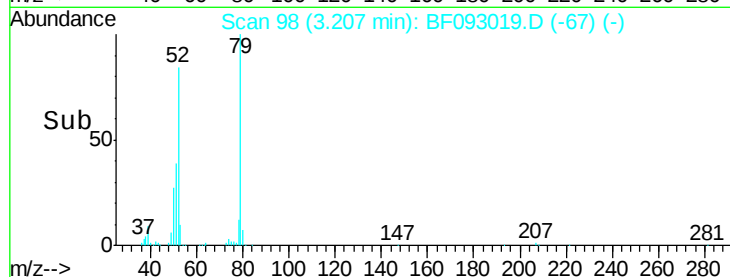
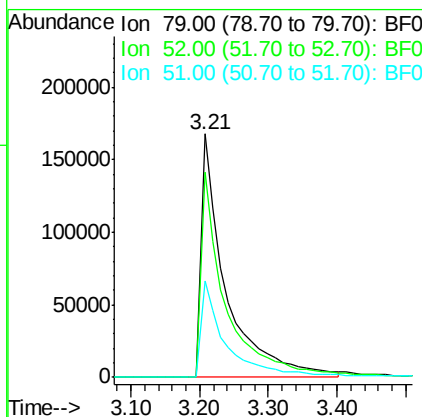
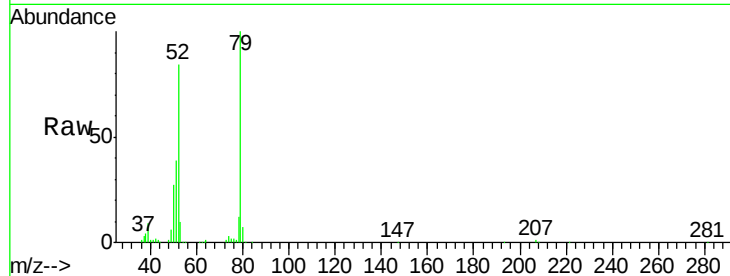
ClientSampleId :

M-3MSD

Tgt Ion:	79	Resp:	415903
Ion Ratio	Lower	Upper	
79	100		
52	84.4	57.1	85.7
51	39.4	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 47.09 ng

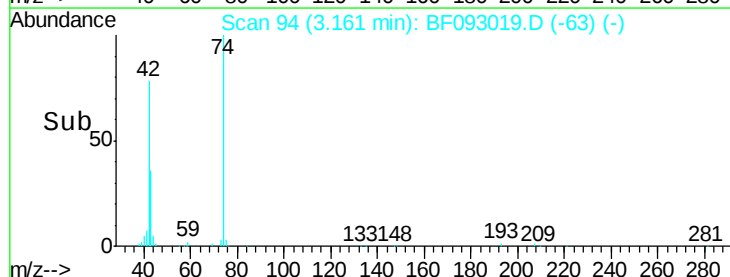
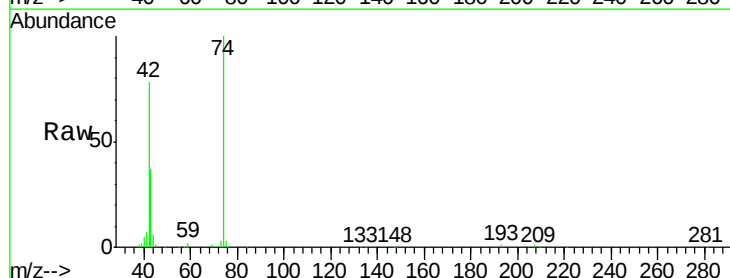
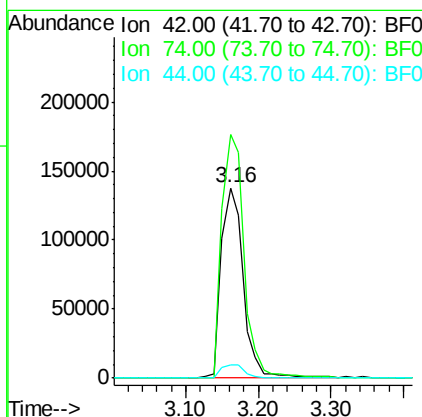
RT: 3.16 min Scan# 94

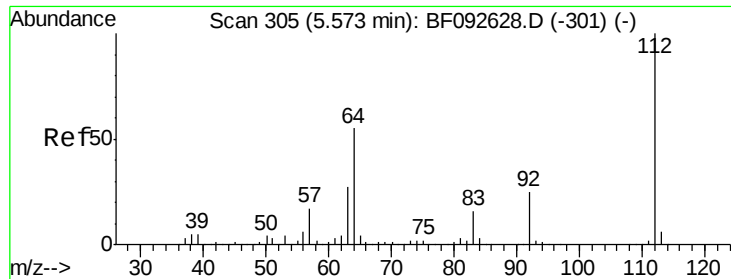
Delta R.T. 0.06 min

Lab File: BF093019.D

Acq: 17 Feb 2017 19:14

Tgt Ion:	42	Resp:	291685
Ion Ratio	Lower	Upper	
42	100		
74	128.1	117.0	175.4
44	7.1	5.5	8.3





#5

2-Fluorophenol

Concen: 137.97 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF093019.D

Acq: 17 Feb 2017 19:14

Instrument :

BNA_F

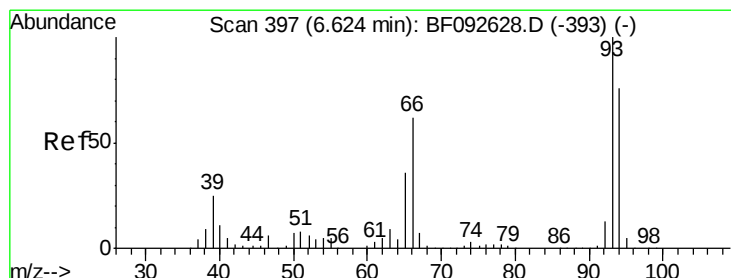
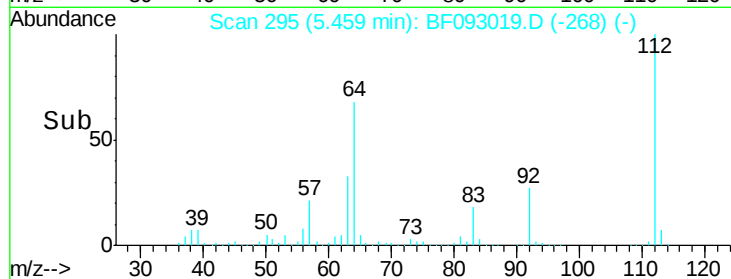
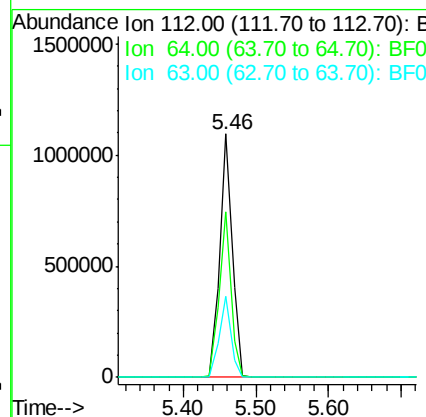
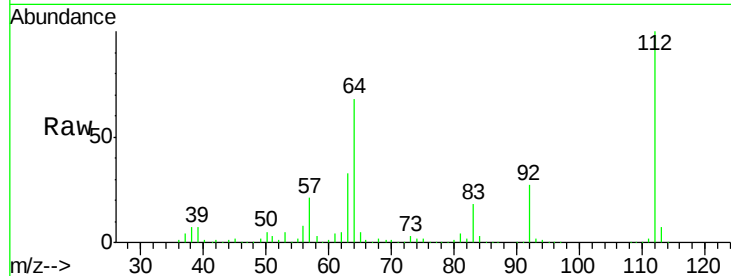
ClientSampled :

M-3MSD

Tgt Ion:	112	Resp:	1324700
Ion	Ratio	Lower	Upper
112	100		
64	67.8	46.1	69.1
63	33.4	23.8	35.6

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#6

Aniline

Concen: 25.98 ng

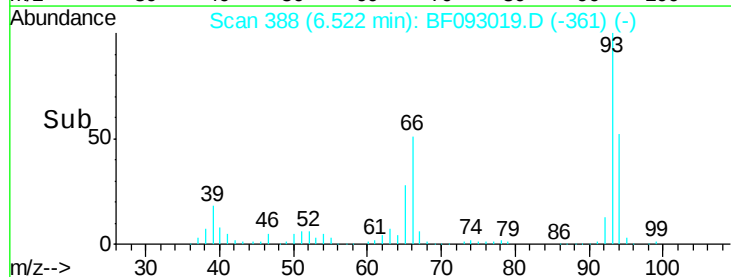
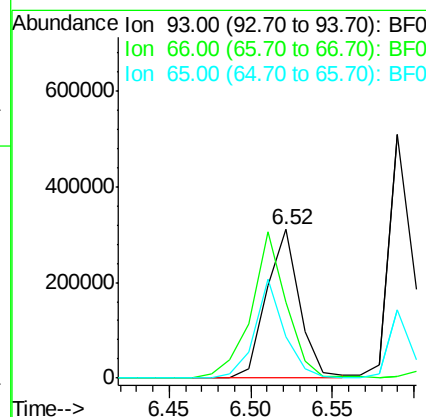
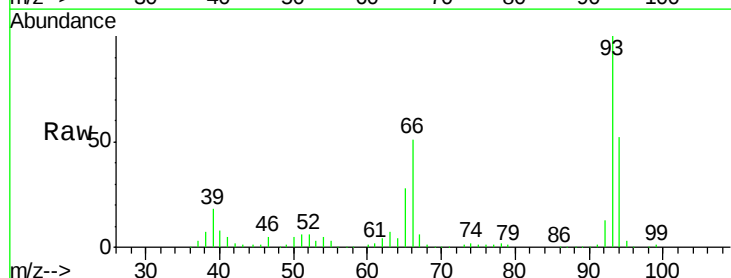
RT: 6.52 min Scan# 388

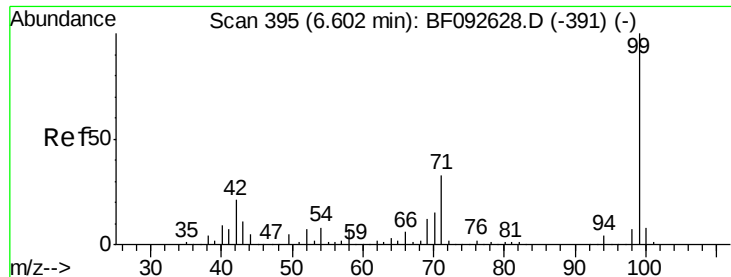
Delta R.T. 0.01 min

Lab File: BF093019.D

Acq: 17 Feb 2017 19:14

Tgt Ion:	93	Resp:	437862
Ion	Ratio	Lower	Upper
93	100		
66	51.4	76.2	114.2#
65	27.7	49.3	73.9#





#7

Phenol-d6

Concen: 144.12 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF093019.D

Acq: 17 Feb 2017 19:14

Instrument :

BNA_F

ClientSampleId :

M-3MSD

Tgt Ion: 99 Resp: 1780549

Ion Ratio Lower Upper

99 100

42 19.8 15.6 23.4

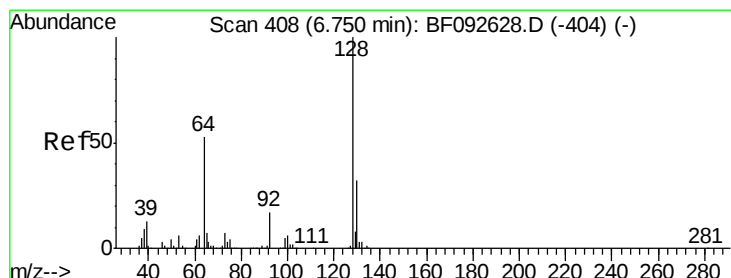
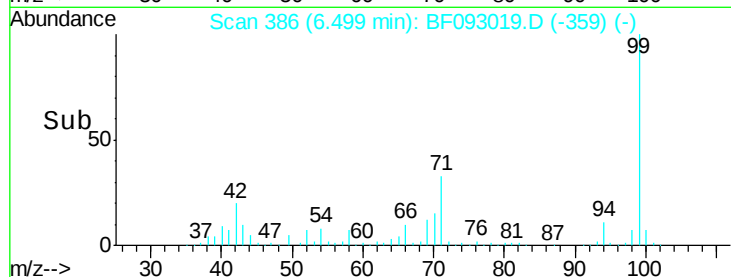
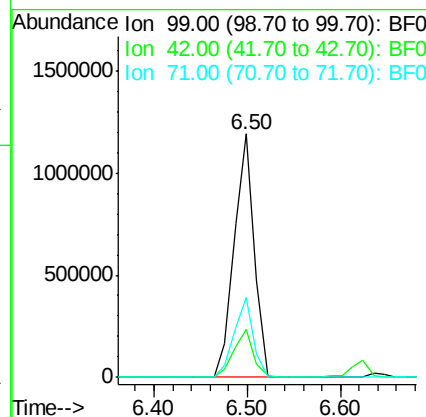
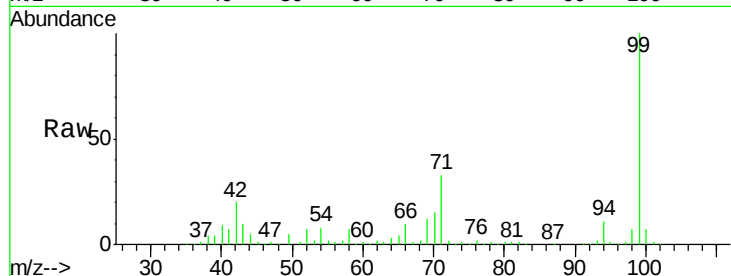
71 32.9 27.5 41.3

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#8

2-Chlorophenol

Concen: 47.25 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF093019.D

Acq: 17 Feb 2017 19:14

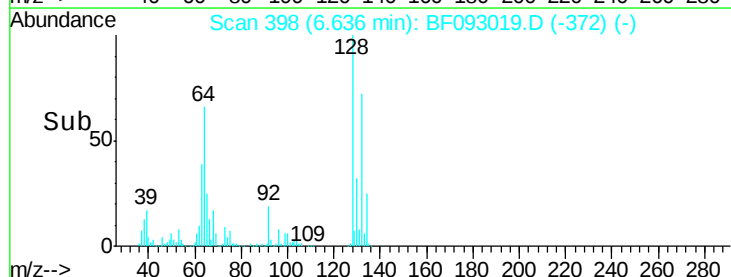
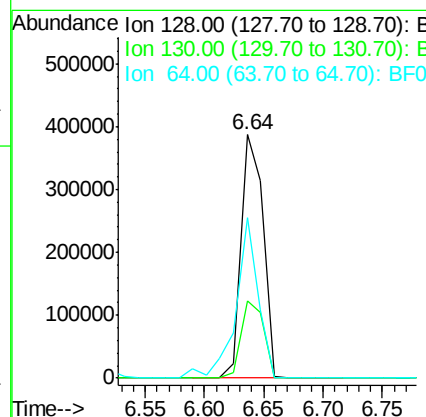
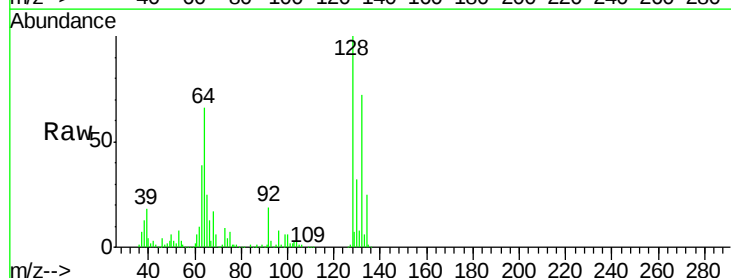
Tgt Ion: 128 Resp: 500466

Ion Ratio Lower Upper

128 100

130 31.8 12.3 52.3

64 65.8 32.2 72.2





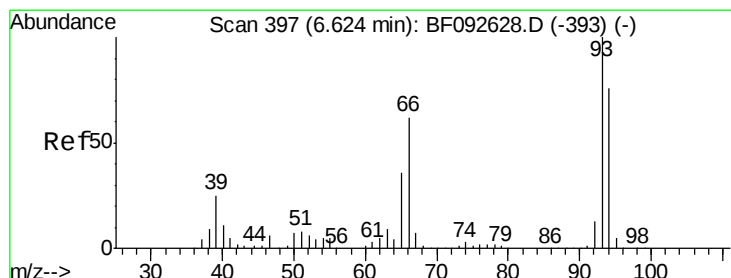
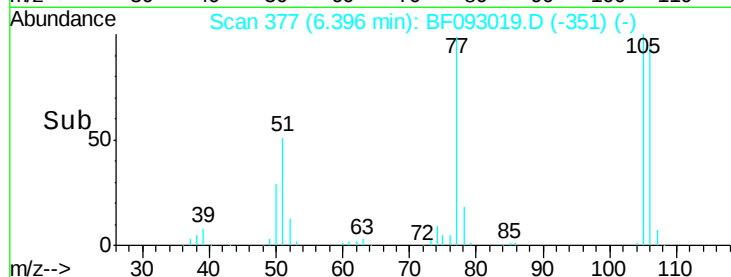
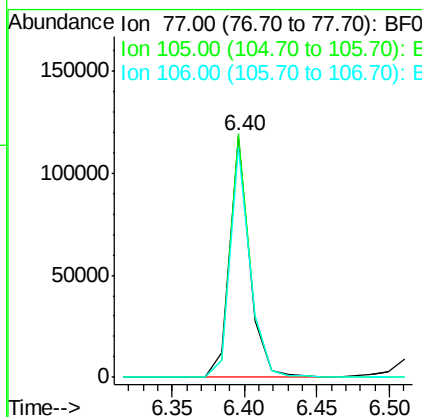
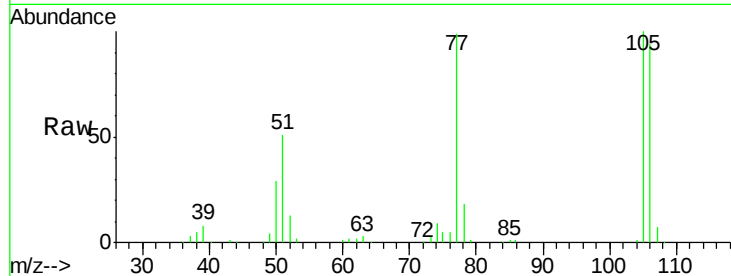
#9
Benzaldehyde
Concen: 12.70 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.00 min
Lab File: BF093019.D
Acq: 17 Feb 2017 19:14

Instrument :
BNA_F
ClientSampleId :
M-3MSD

Tgt Ion	Ratio	Lower	Upper
77	100		
105	101.0	83.9	123.9
106	95.3	77.6	117.6

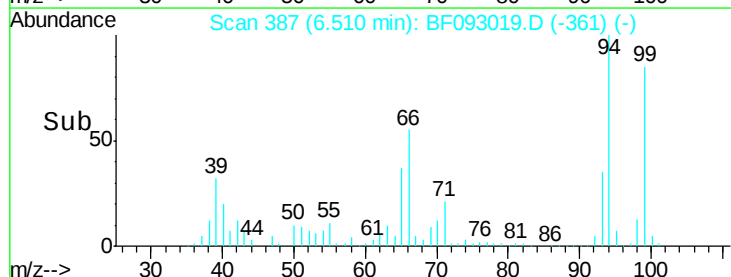
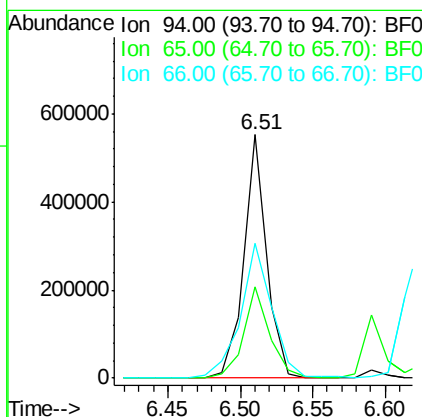
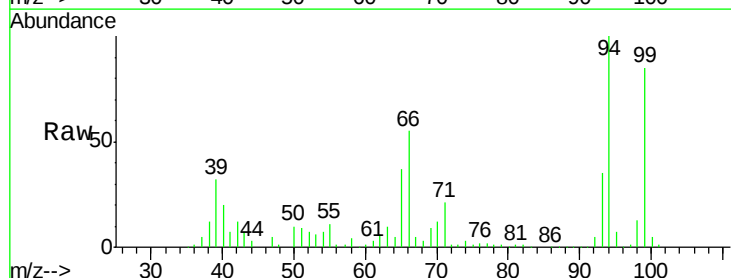
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#10
Phenol
Concen: 41.66 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.00 min
Lab File: BF093019.D
Acq: 17 Feb 2017 19:14

Tgt Ion	Ratio	Lower	Upper
94	100		
65	37.5	21.4	61.4
66	55.5	44.0	84.0





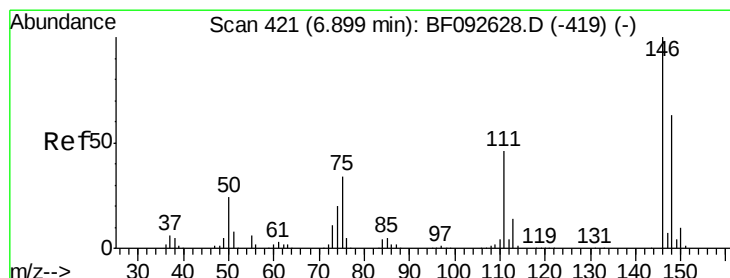
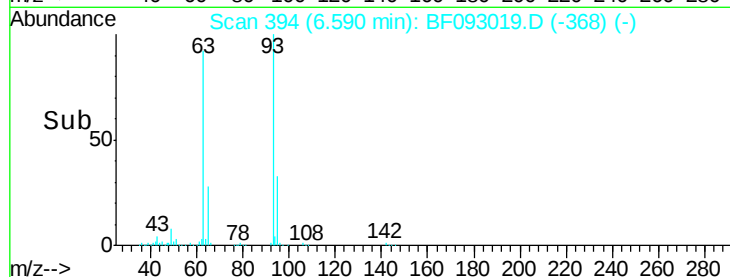
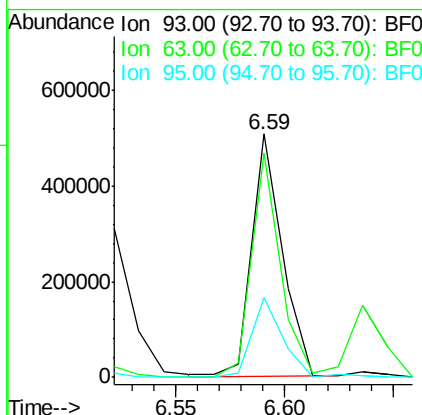
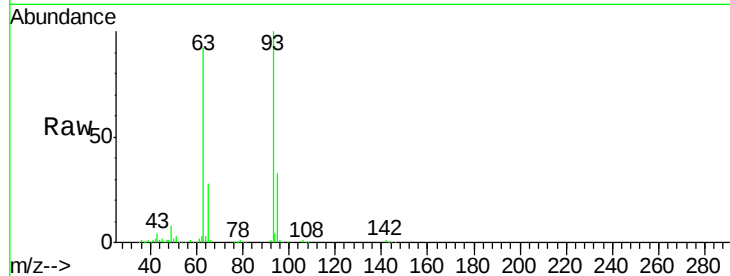
#11
bis(2-Chloroethyl)ether
Concen: 42.65 ng
RT: 6.59 min Scan# 394
Delta R.T. -0.00 min
Lab File: BF093019.D
Acq: 17 Feb 2017 19:14

Instrument :
BNA_F
ClientSampleId :
M-3MSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	92.3	60.4	100.4
95	32.5	12.8	52.8

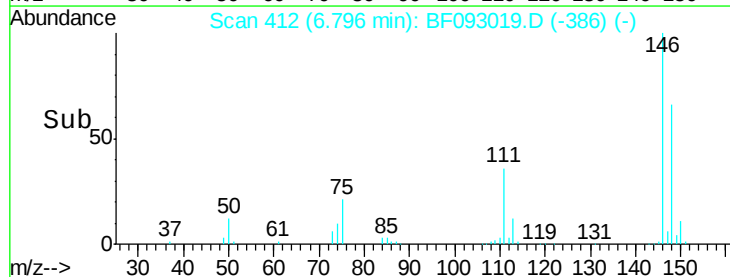
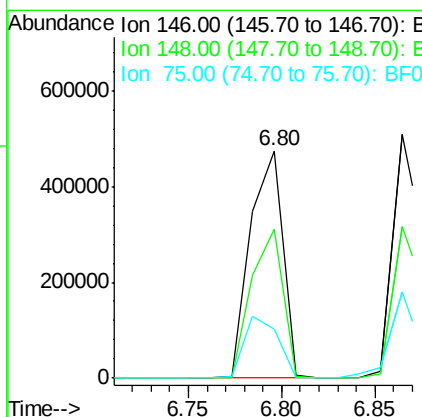
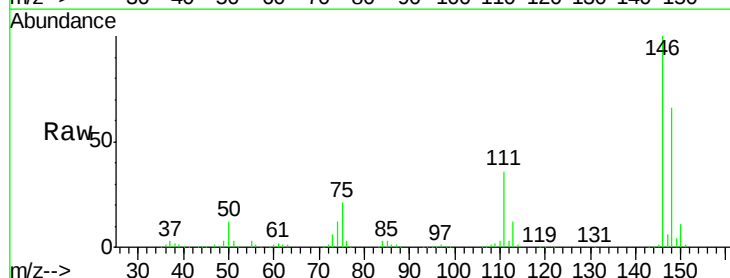
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#12
1,3-Dichlorobenzene
Concen: 46.06 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF093019.D
Acq: 17 Feb 2017 19:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	53.4	80.0
75	21.3	18.5	27.7





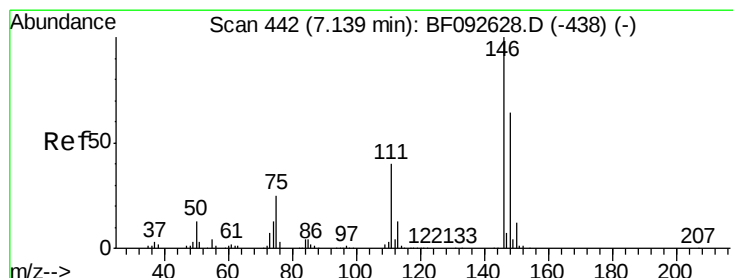
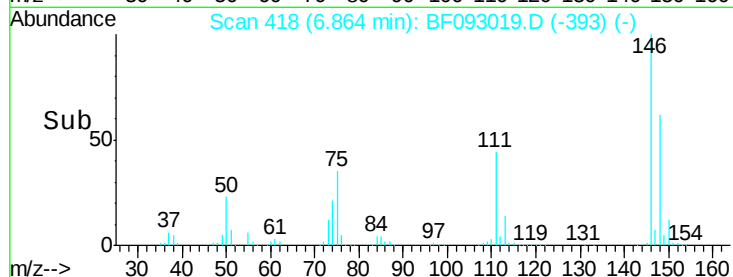
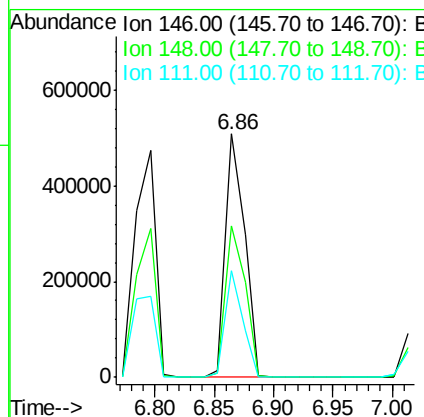
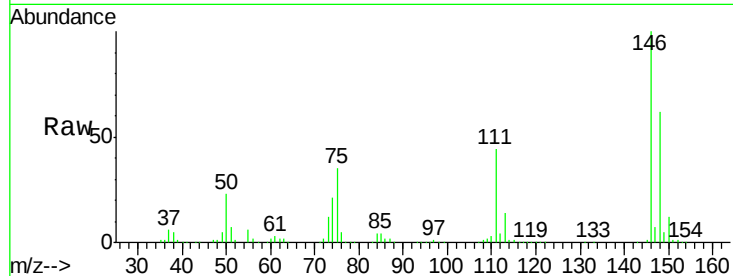
#13
 1,4-Dichlorobenzene
 Concen: 45.15 ng
 RT: 6.86 min Scan# 418
 Delta R.T. -0.01 min
 Lab File: BF093019.D
 Acq: 17 Feb 2017 19:14

Instrument :
 BNA_F
 ClientSampleId :
 M-3MSD

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	566948		
148	62.1	50.6	76.0	
111	43.7	36.2	54.4	

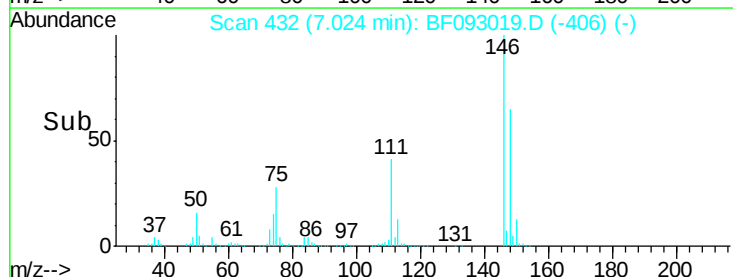
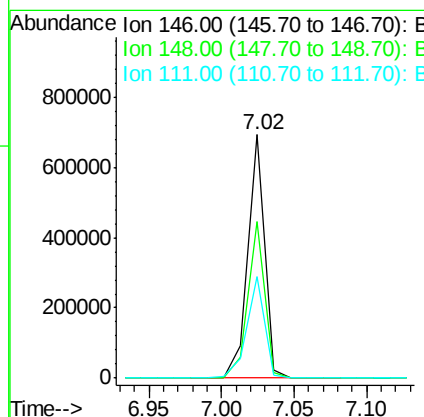
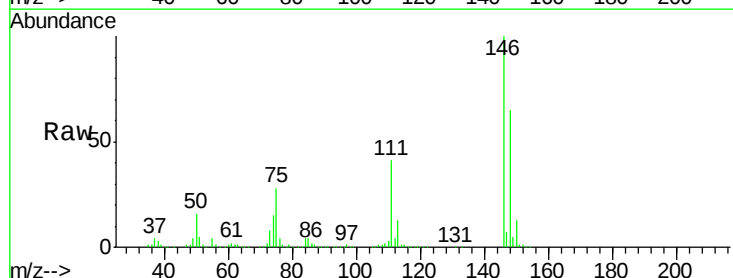
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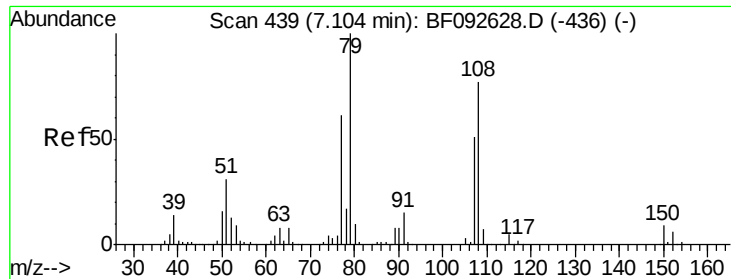
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#14
 1,2-Dichlorobenzene
 Concen: 46.29 ng
 RT: 7.02 min Scan# 432
 Delta R.T. -0.00 min
 Lab File: BF093019.D
 Acq: 17 Feb 2017 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	555771		
148	64.5	52.2	78.2	
111	41.5	36.2	54.2	





#15

Benzyl Alcohol

Concen: 47.14 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF093019.D

Acq: 17 Feb 2017 19:14

Instrument :

BNA_F

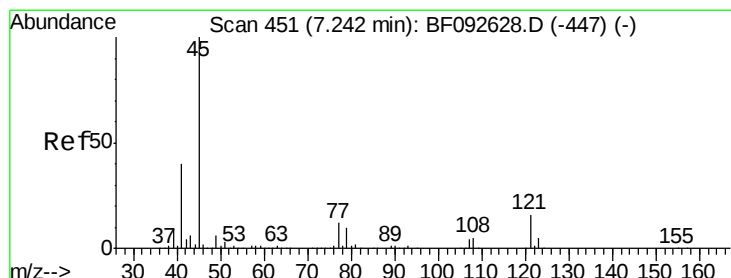
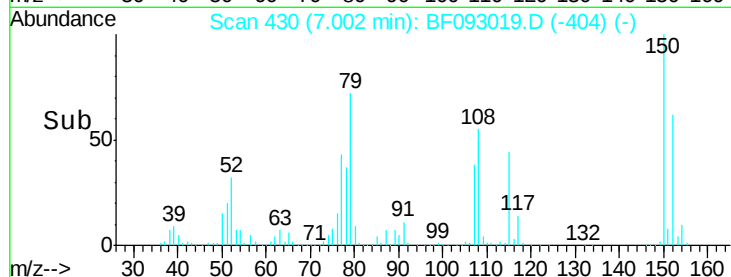
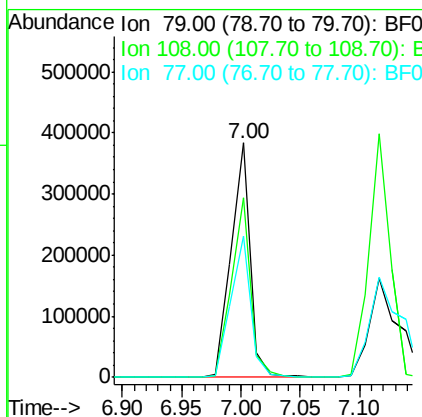
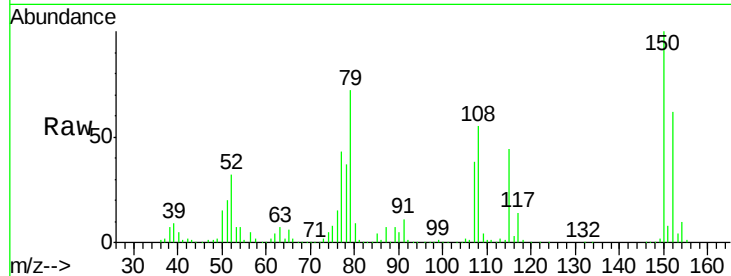
ClientSampled :

M-3MSD

Tgt Ion:	79	Resp:	431182
Ion Ratio	Lower	Upper	
79	100		
108	76.8	61.4	92.0
77	60.2	50.9	76.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.80 ng

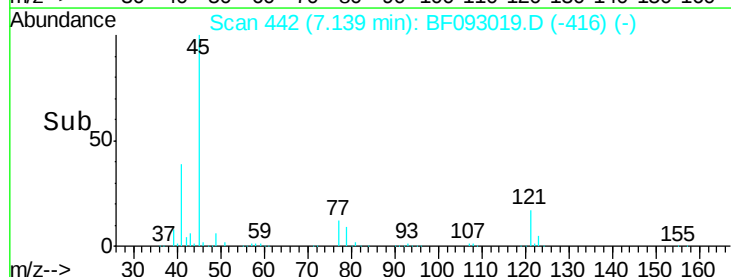
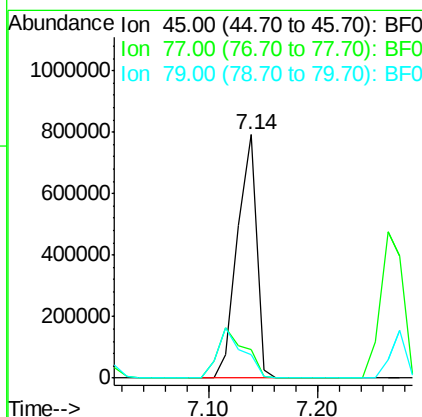
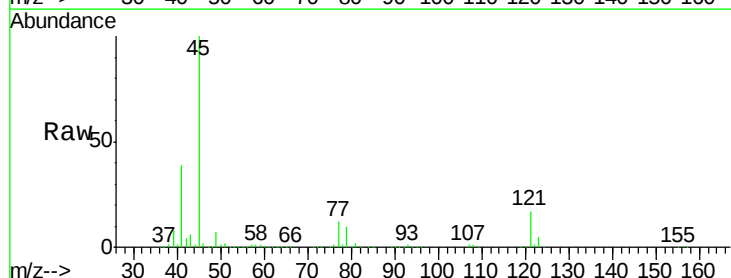
RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF093019.D

Acq: 17 Feb 2017 19:14

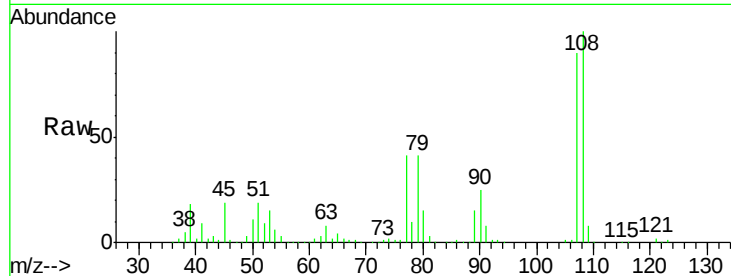
Tgt Ion:	45	Resp:	958080
Ion Ratio	Lower	Upper	
45	100		
77	11.9	0.0	34.6
79	9.7	0.0	31.2





#17
2-Methylphenol
Concen: 48.66 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF093019.D
Acq: 17 Feb 2017 19:14

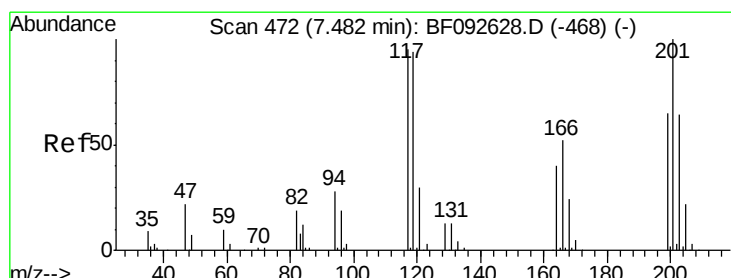
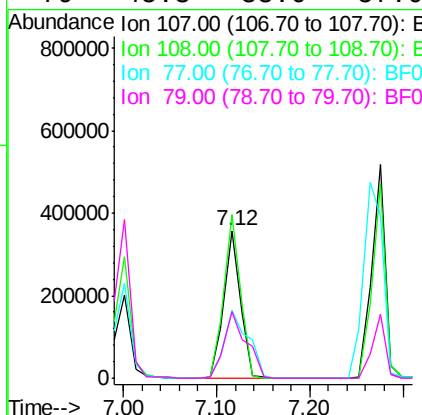
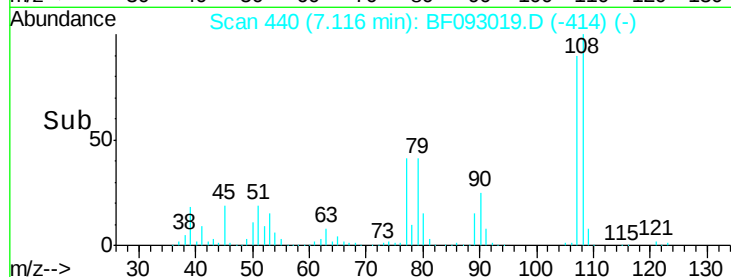
Instrument :
BNA_F
ClientSampleId :
M-3MSD



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	442212		
108	111.4	93.0	139.6	
77	46.0	39.8	59.8	
79	45.3	38.0	57.0	

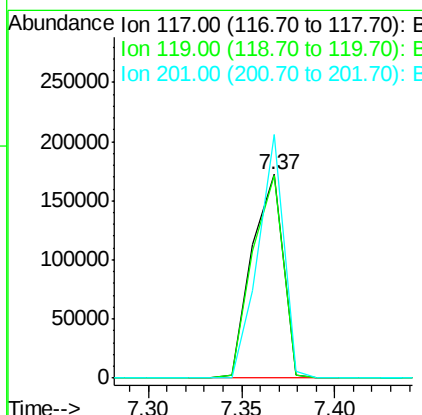
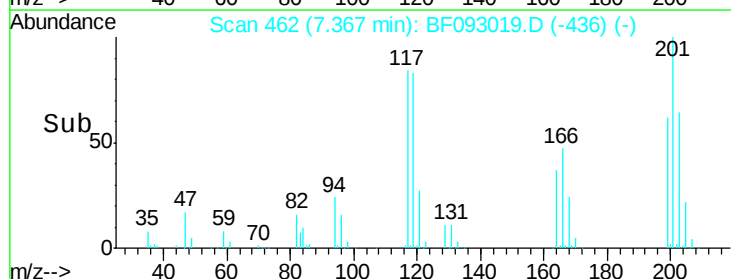
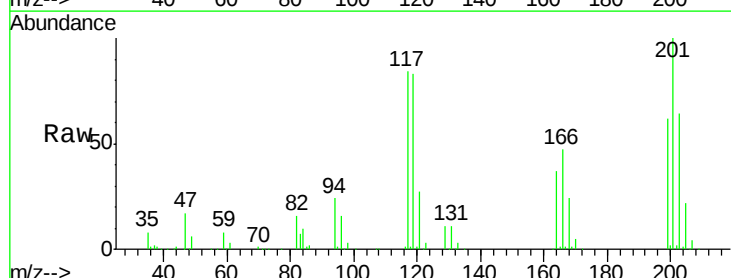
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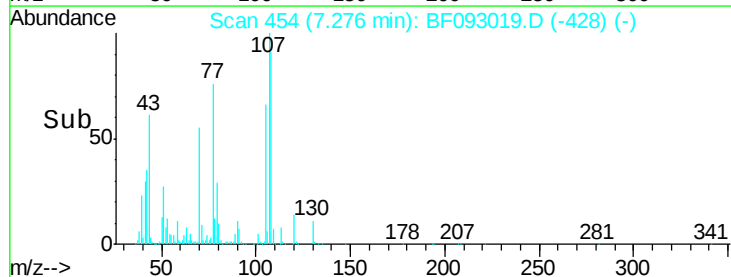
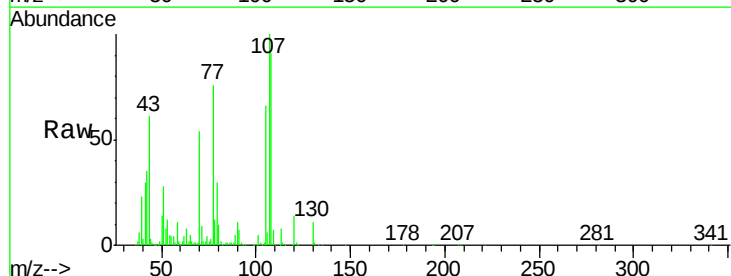
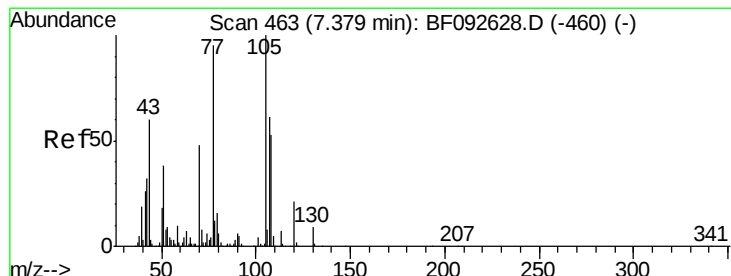
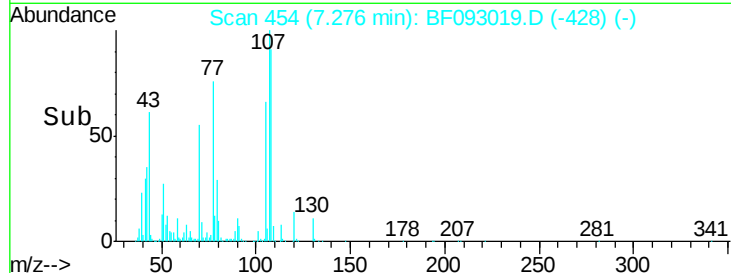
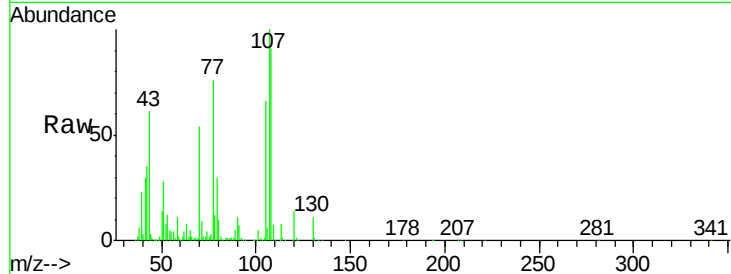
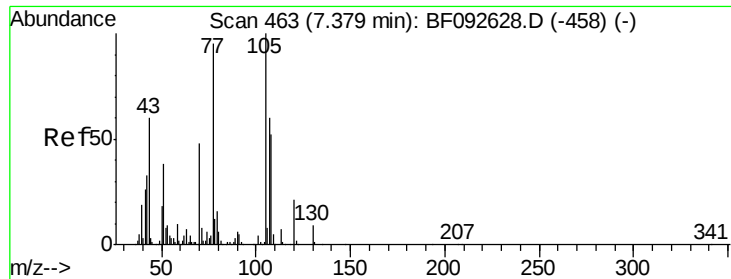
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#18
Hexachloroethane
Concen: 46.45 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF093019.D
Acq: 17 Feb 2017 19:14

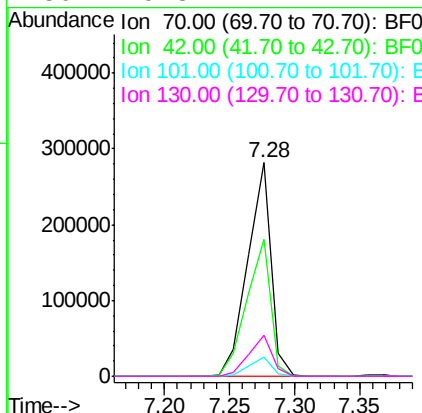
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	199115		
119	99.4	78.1	117.1	
201	119.5	78.6	117.8#	





#19
n-Nitroso-di-n-propylamine
Concen: 44.59 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF093019.D
Acq: 17 Feb 2017 19:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		350678		
42	64.3	49.4	74.0		
101	8.9	7.4	11.2		
130	19.3	14.2	21.4		



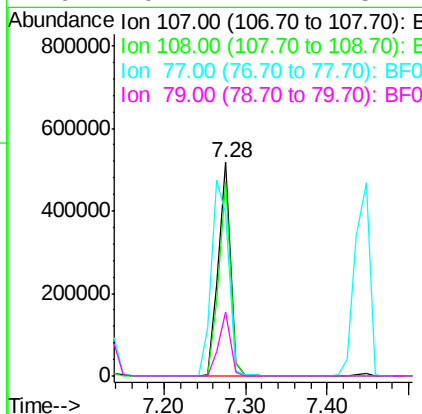
Instrument :
BNA_F
ClientSampleId :
M-3MSD

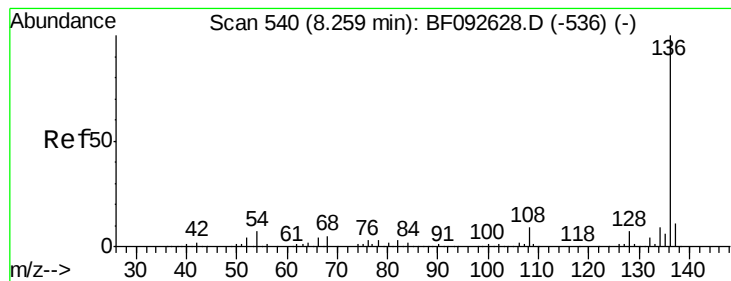
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#20
3+4-Methylphenols
Concen: 49.37 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF093019.D
Acq: 17 Feb 2017 19:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		536425		
108	91.2	73.0	113.0		
77	76.3	71.3	111.3		
79	29.7	11.1	51.1		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.00 min

Lab File: BF093019.D

Acq: 17 Feb 2017 19:14

Instrument :

BNA_F

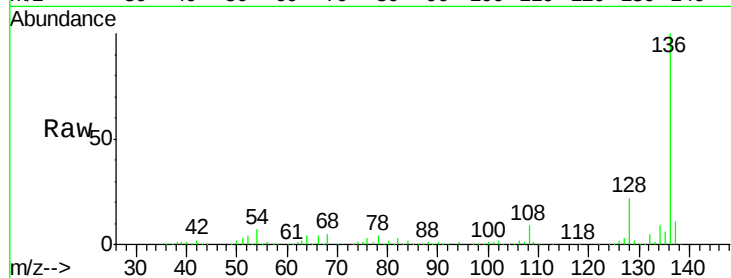
ClientSampleId :

M-3MSD

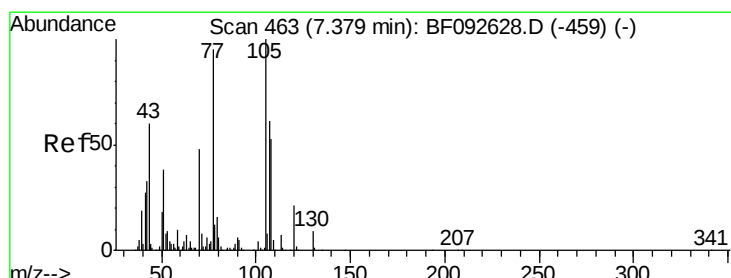
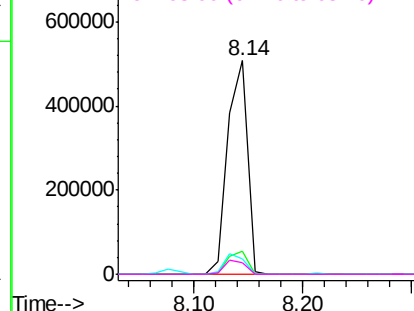
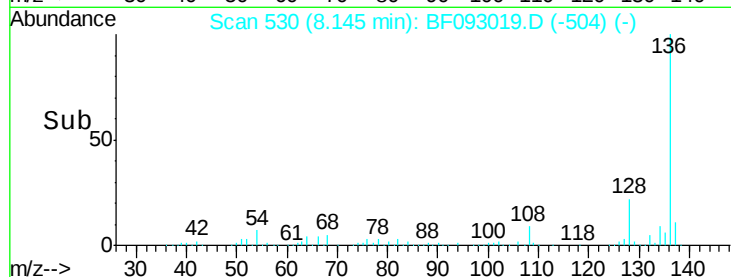
Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	10.8	8.4	12.6
54	6.9	4.5	6.7
68	5.3	3.6	5.4

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



#22

Acetophenone

Concen: 46.87 ng

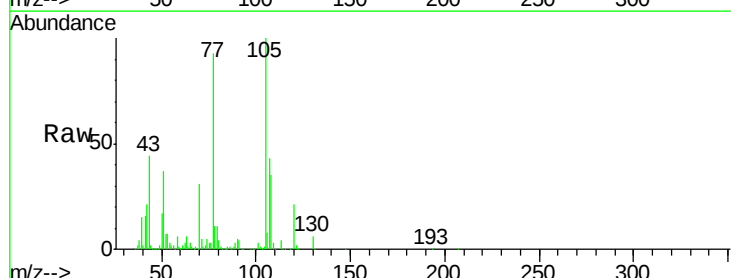
RT: 7.26 min Scan# 453

Delta R.T. -0.00 min

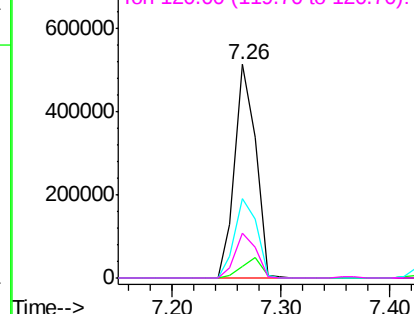
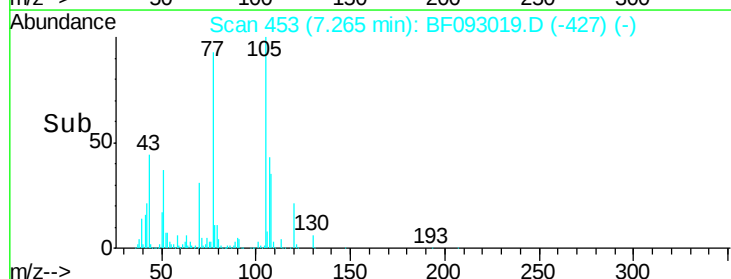
Lab File: BF093019.D

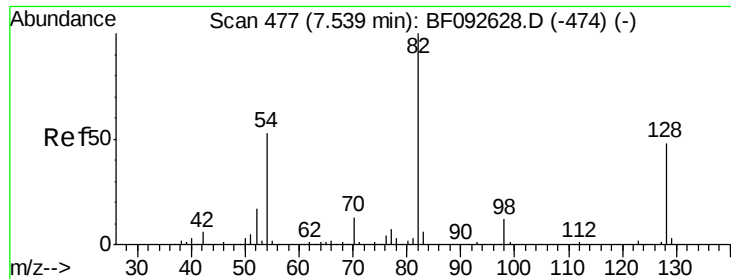
Acq: 17 Feb 2017 19:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	5.2	3.2	4.8
51	37.1	26.2	39.4
120	21.2	16.6	24.8



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





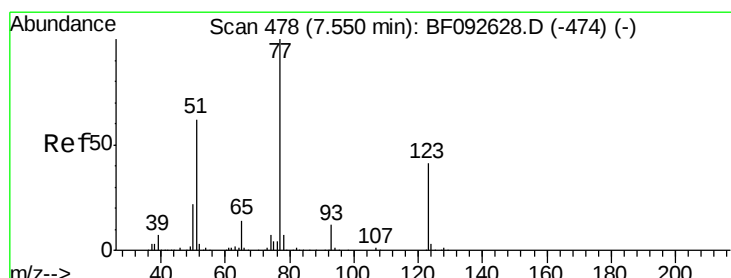
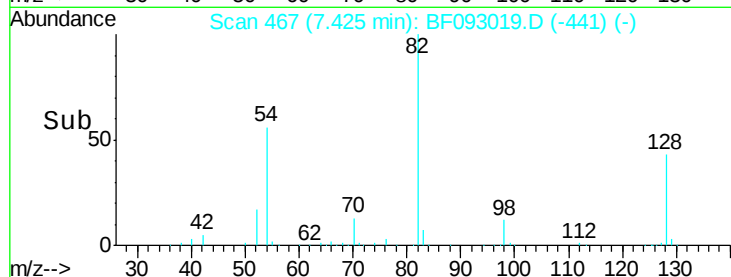
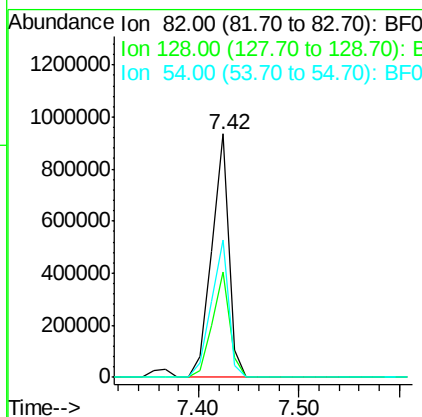
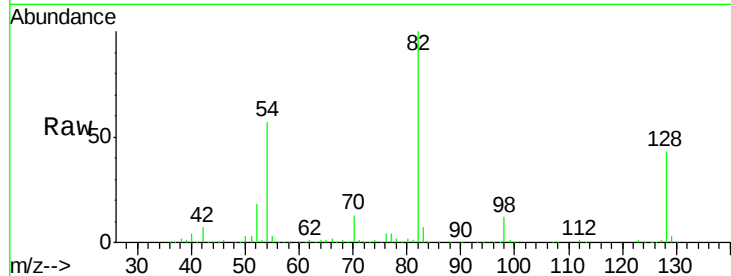
#23
 Nitrobenzene-d5
 Concen: 96.40 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.00 min
 Lab File: BF093019.D
 Acq: 17 Feb 2017 19:14

Instrument :
 BNA_F
 ClientSampleId :
 M-3MSD

Tgt Ion: 82 Resp: 1105077
 Ion Ratio Lower Upper
 82 100
 128 43.3 34.6 52.0
 54 56.5 39.5 59.3

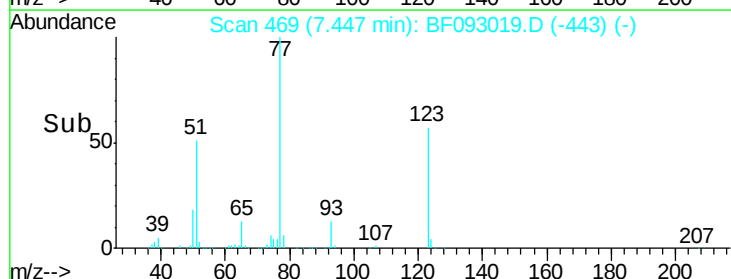
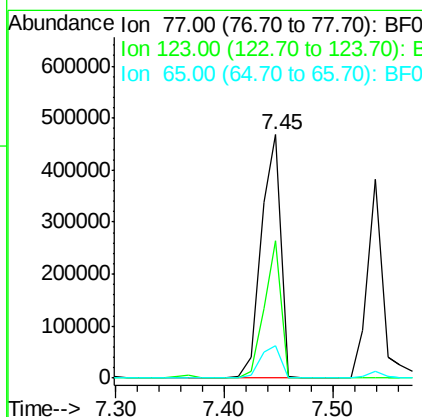
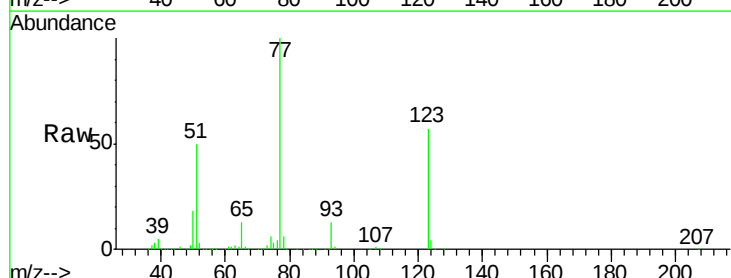
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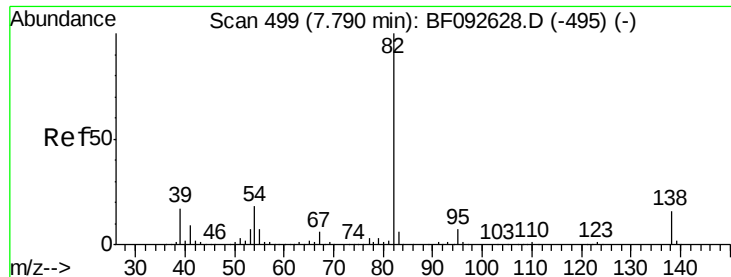
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#24
 Nitrobenzene
 Concen: 49.64 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.00 min
 Lab File: BF093019.D
 Acq: 17 Feb 2017 19:14

Tgt Ion: 77 Resp: 584348
 Ion Ratio Lower Upper
 77 100
 123 56.7 33.0 49.4#
 65 13.3 11.2 16.8





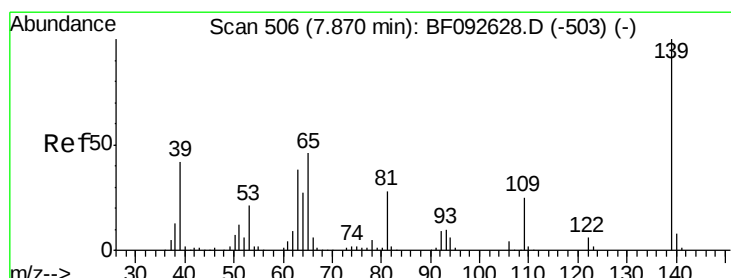
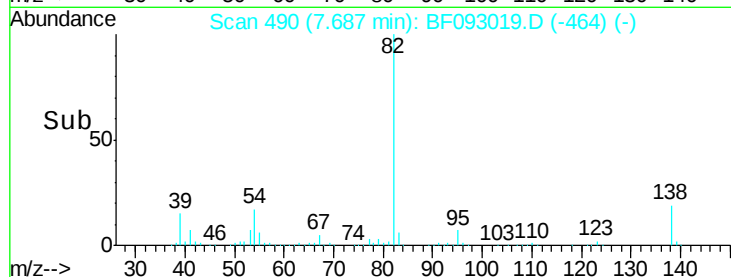
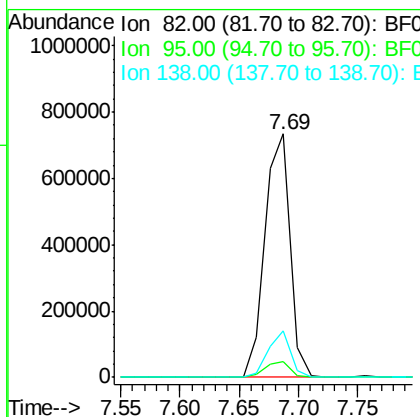
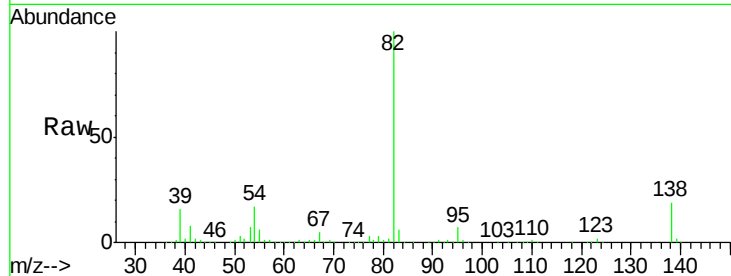
#25
Isophorone
Concen: 50.92 ng
RT: 7.69 min Scan# 490
Delta R.T. -0.00 min
Lab File: BF093019.D
Acq: 17 Feb 2017 19:14

Instrument :
BNA_F
ClientSampled :
M-3MSD

Tgt Ion: 82 Resp: 1087631
Ion Ratio Lower Upper
82 100
95 6.7 5.6 8.4
138 19.2 14.6 22.0

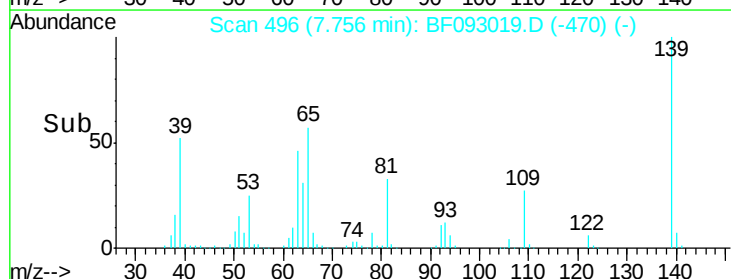
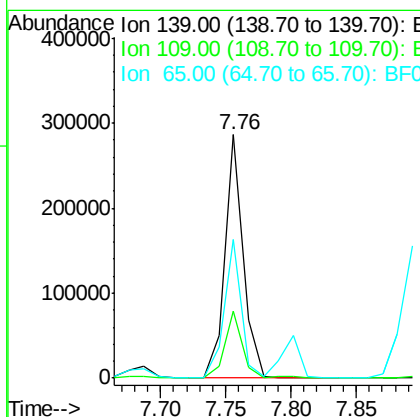
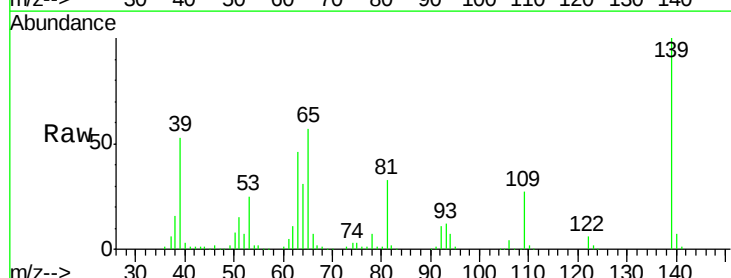
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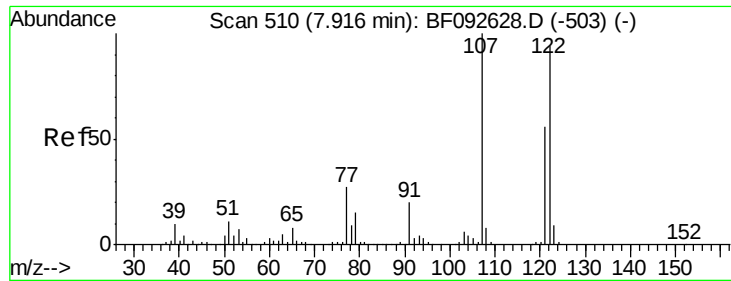
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#26
2-Nitrophenol
Concen: 50.13 ng
RT: 7.76 min Scan# 496
Delta R.T. -0.00 min
Lab File: BF093019.D
Acq: 17 Feb 2017 19:14

Tgt Ion: 139 Resp: 280465
Ion Ratio Lower Upper
139 100
109 27.3 23.3 34.9
65 56.9 42.7 64.1





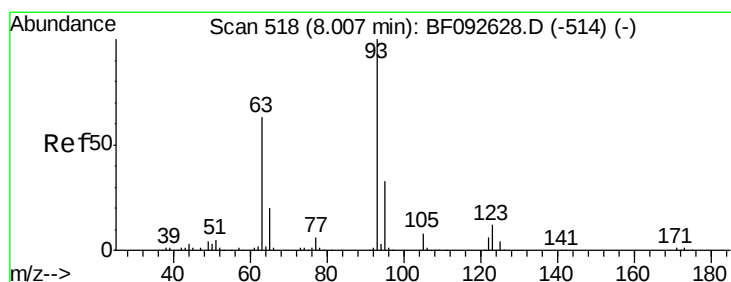
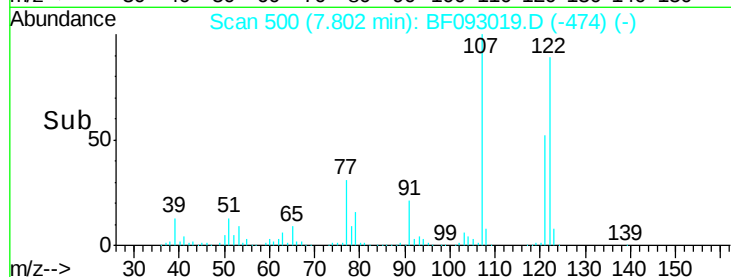
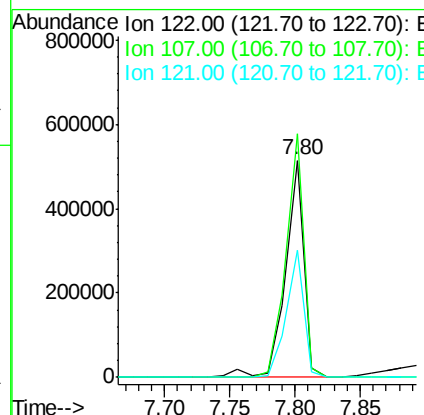
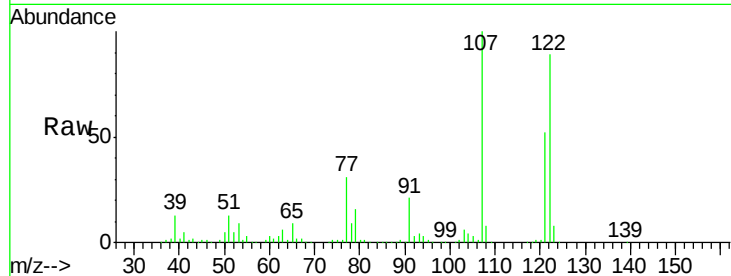
#27
 2,4-Dimethylphenol
 Concen: 52.17 ng
 RT: 7.80 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: BF093019.D
 Acq: 17 Feb 2017 19:14

Instrument :
 BNA_F
 ClientSampleId :
 M-3MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	512624		
107	112.2	94.1	141.1	
121	58.4	46.0	69.0	

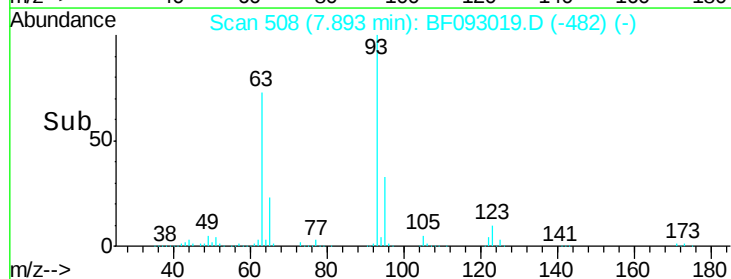
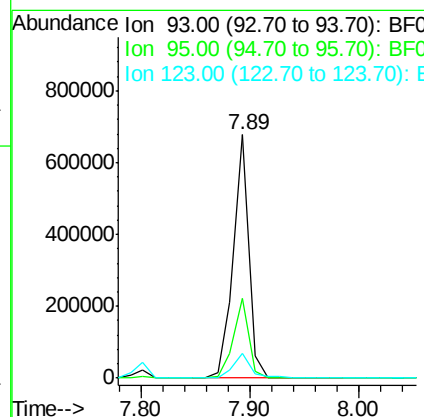
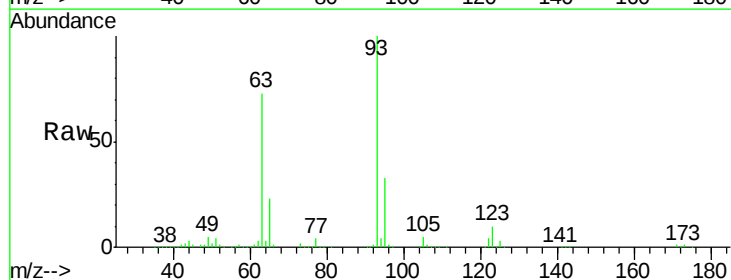
Manual Integrations
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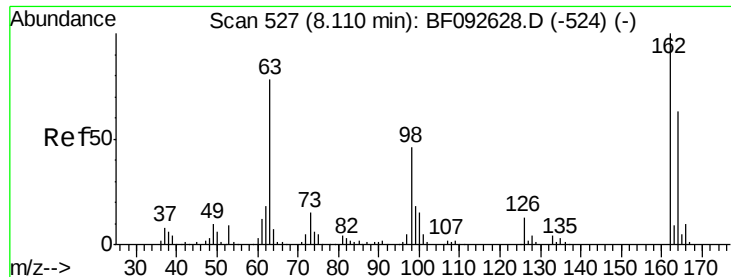
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#28
 bis(2-Chloroethoxy)methane
 Concen: 46.94 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: BF093019.D
 Acq: 17 Feb 2017 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	664085		
95	32.7	26.5	39.7	
123	10.4	8.6	13.0	





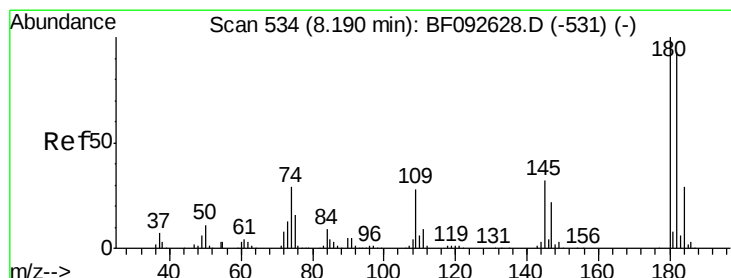
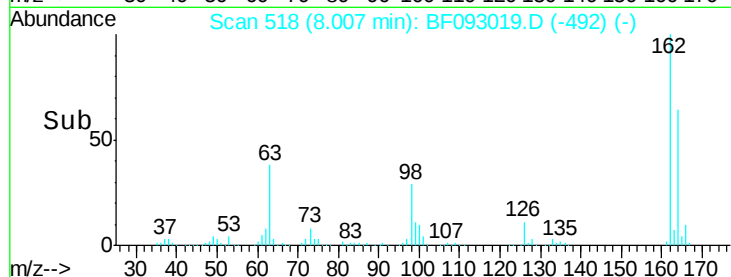
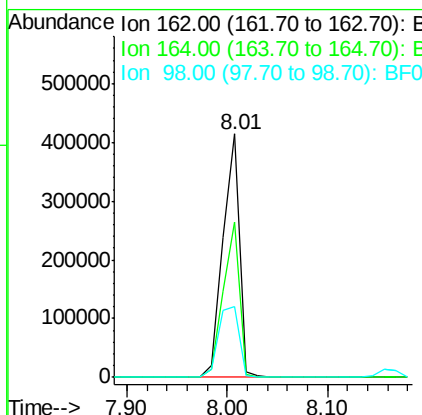
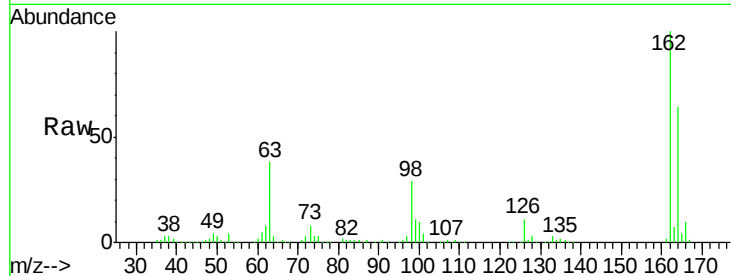
#29
2,4-Dichlorophenol
Concen: 51.54 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF093019.D
Acq: 17 Feb 2017 19:14

Instrument :
BNA_F
ClientSampleId :
M-3MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	472296		
164	64.0	46.8	86.8	
98	29.3	9.1	49.1	

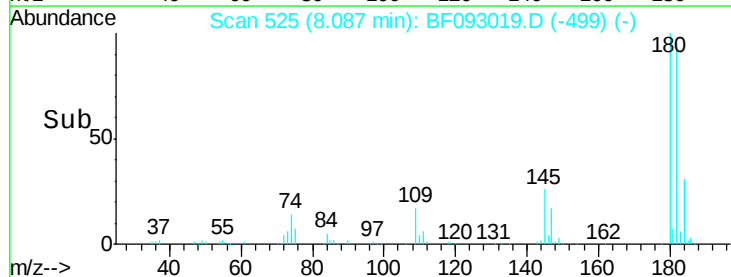
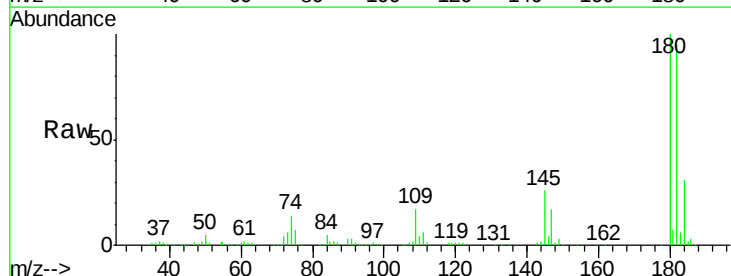
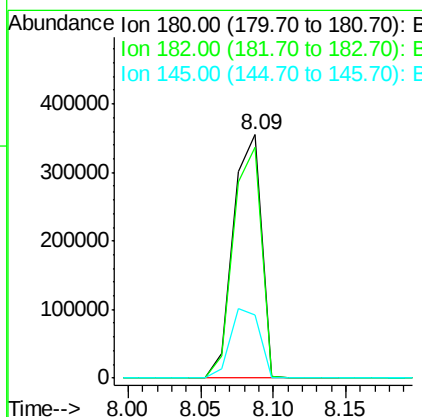
Manual Integrations
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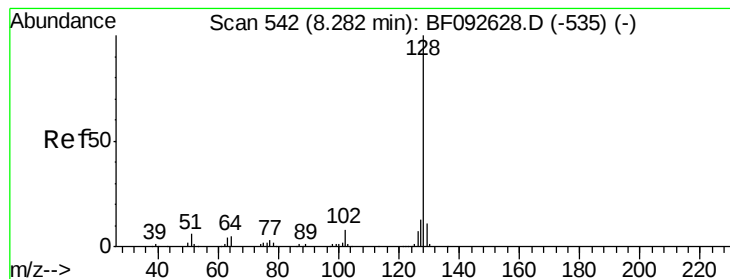
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#30
1,2,4-Trichlorobenzene
Concen: 48.35 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF093019.D
Acq: 17 Feb 2017 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	477490		
182	95.0	78.2	117.4	
145	26.2	21.6	32.4	





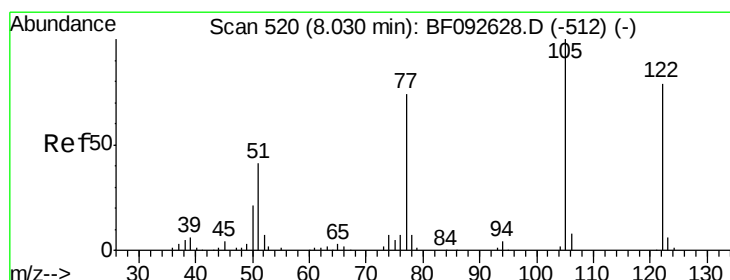
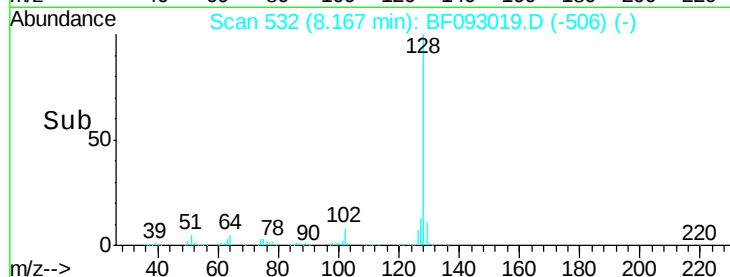
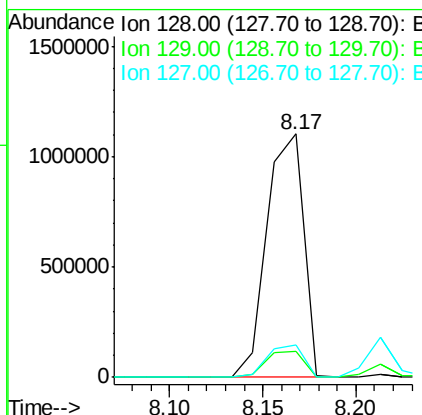
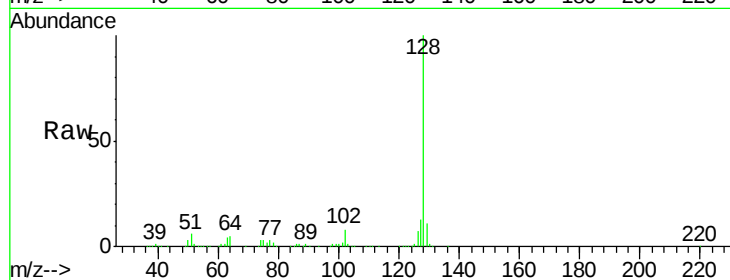
#31
Naphthalene
Concen: 46.57 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF093019.D
Acq: 17 Feb 2017 19:14

Instrument :
BNA_F
ClientSampleId :
M-3MSD

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.5	14.3
127	13.1	10.8	16.2

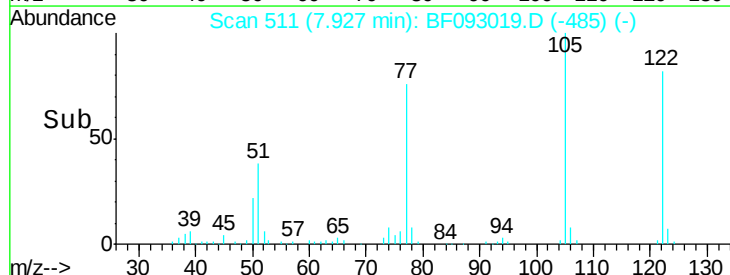
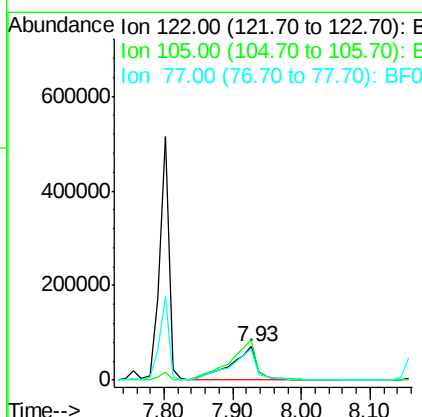
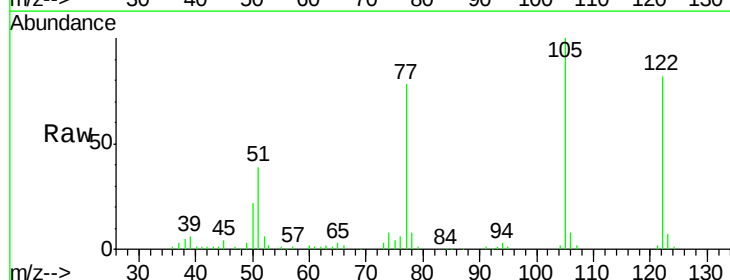
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#32
Benzoic acid
Concen: 35.96 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF093019.D
Acq: 17 Feb 2017 19:14

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.7	107.2	147.2
77	94.5	74.5	114.5





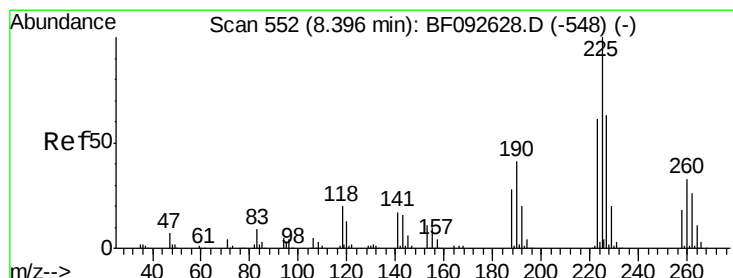
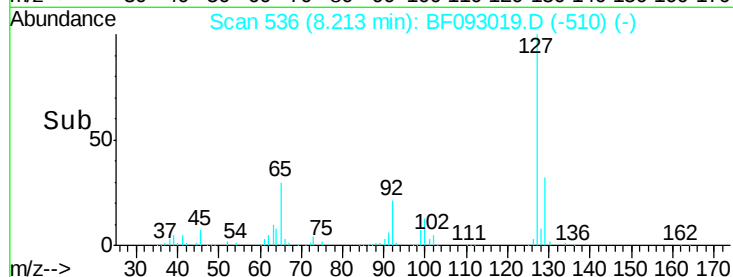
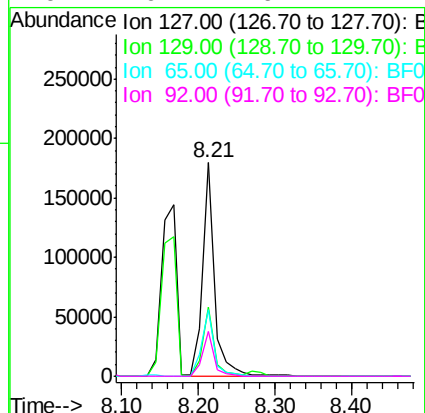
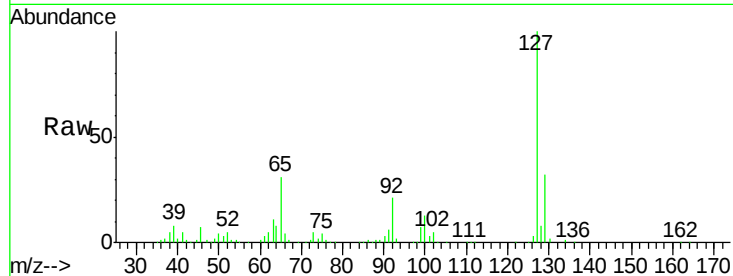
#33
4-Chloroaniline
Concen: 15.07 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF093019.D
Acq: 17 Feb 2017 19:14

Instrument :
BNA_F
ClientSampleId :
M-3MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	191287		
129	32.4	26.3	39.5	
65	31.1	25.8	38.8	
92	20.7	16.1	24.1	

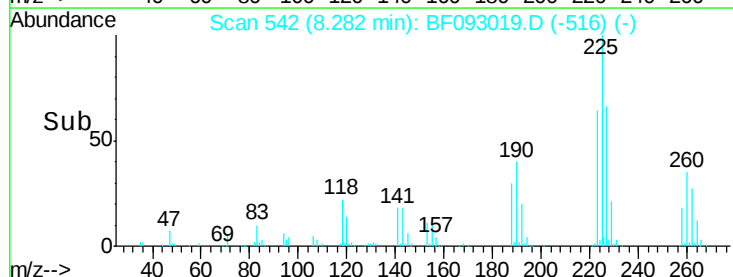
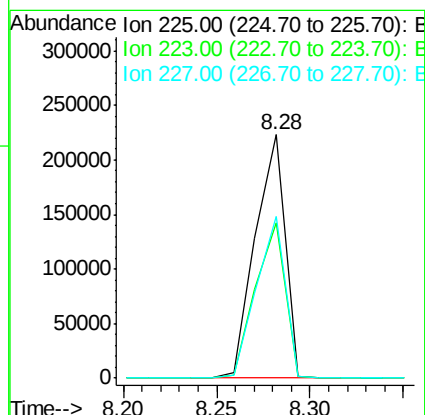
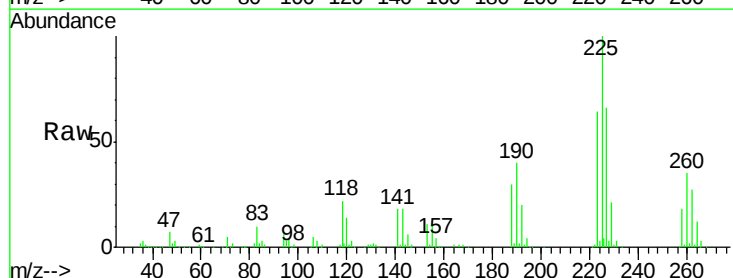
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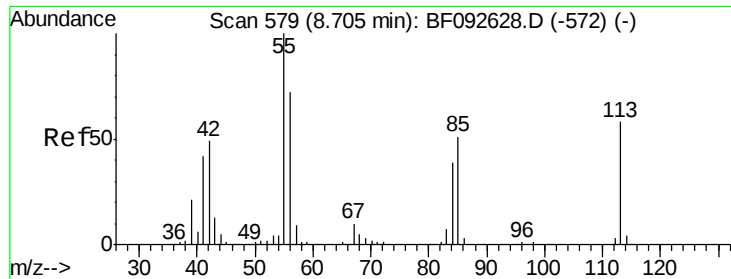
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#34
Hexachlorobutadiene
Concen: 45.18 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF093019.D
Acq: 17 Feb 2017 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	245482		
223	63.6	51.0	76.6	
227	66.4	50.6	76.0	





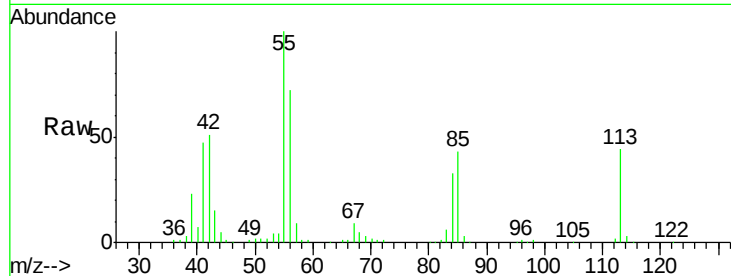
#35
 Caprolactam
 Concen: 53.00 ng m
 RT: 8.59 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF093019.D
 Acq: 17 Feb 2017 19:14

Instrument :
 BNA_F
 ClientSampleId :
 M-3MSD

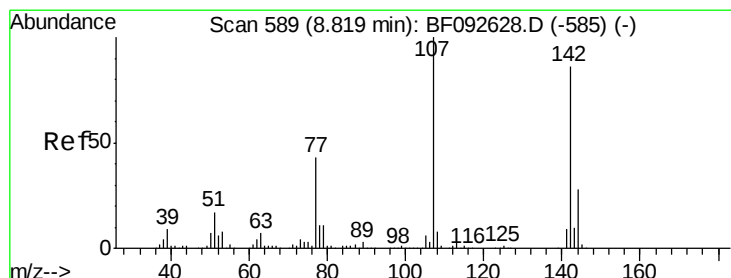
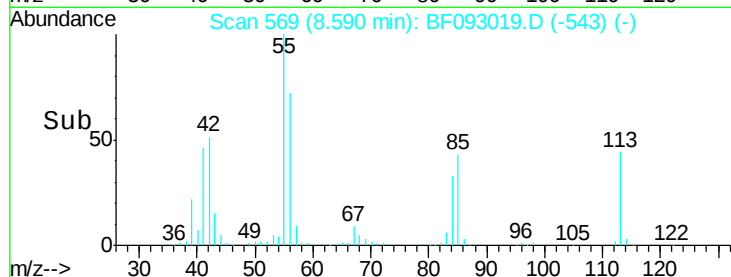
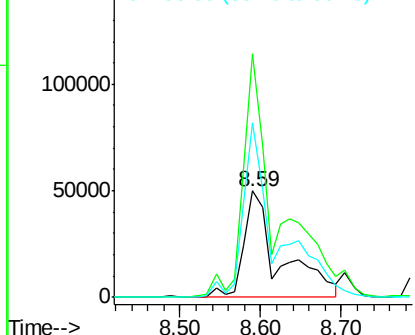
Tgt Ion:113 Resp: 152783
 Ion Ratio Lower Upper
 113 100
 55 228.5 119.2 159.2#
 56 163.8 83.8 123.8#

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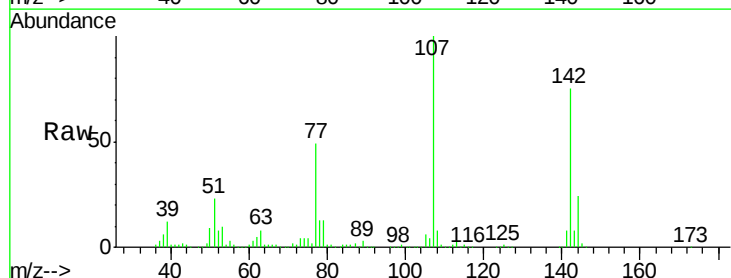


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

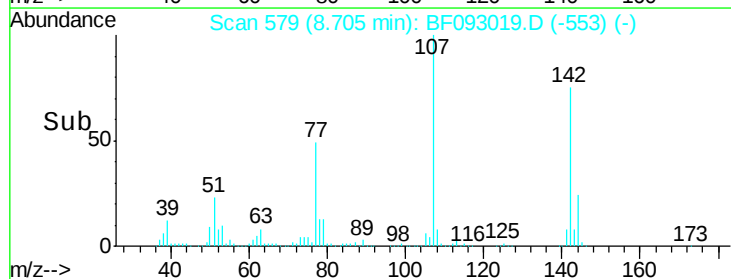
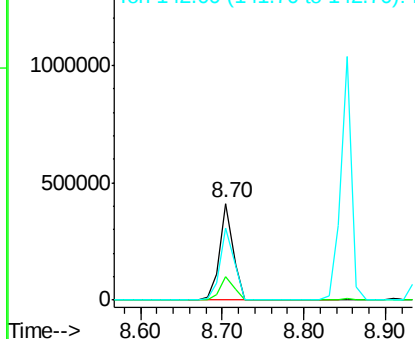


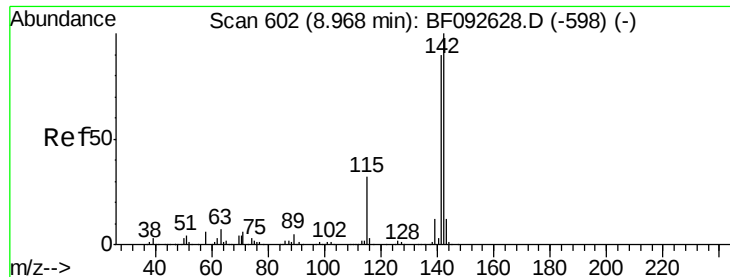
#36
 4-Chloro-3-methylphenol
 Concen: 49.73 ng
 RT: 8.70 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: BF093019.D
 Acq: 17 Feb 2017 19:14

Tgt Ion:107 Resp: 475170
 Ion Ratio Lower Upper
 107 100
 144 23.7 19.3 28.9
 142 75.1 59.0 88.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





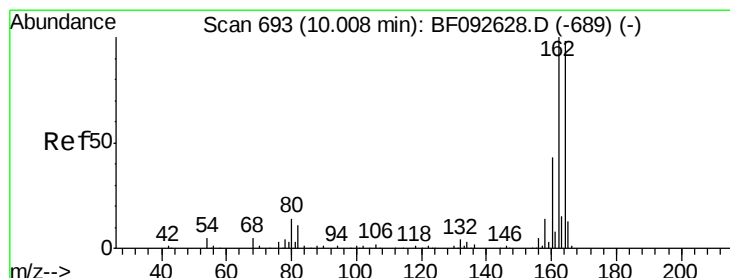
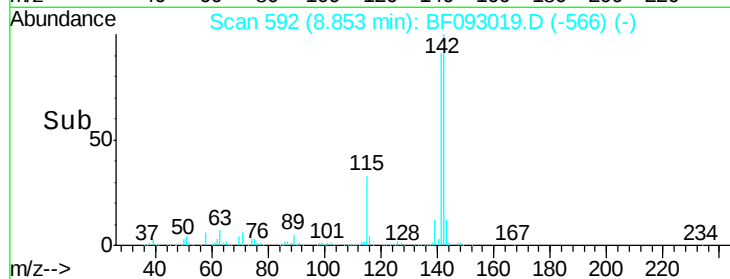
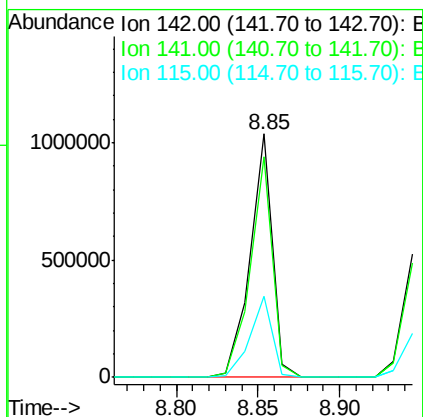
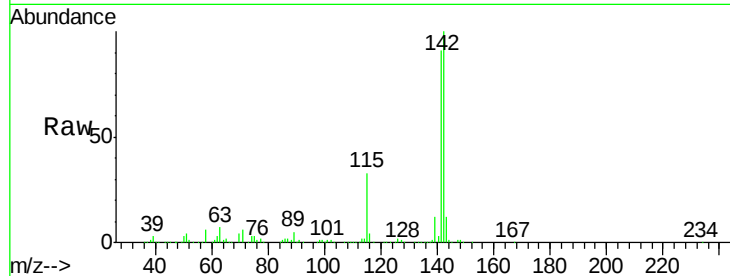
#37
2-Methylnaphthalene
Concen: 47.40 ng
RT: 8.85 min Scan# 592
Delta R.T. -0.00 min
Lab File: BF093019.D
Acq: 17 Feb 2017 19:14

Instrument :
BNA_F
ClientSampleId :
M-3MSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	984880		
141	90.8	71.0	106.6	
115	33.1	28.3	42.5	

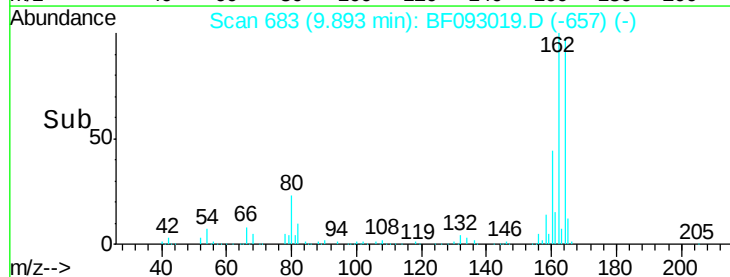
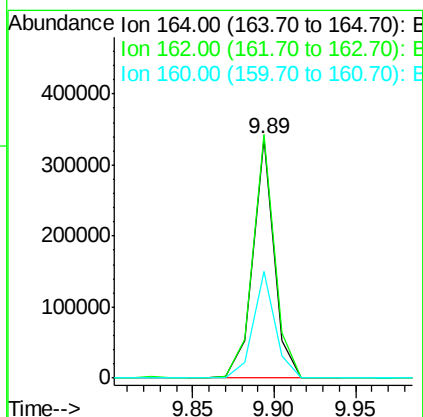
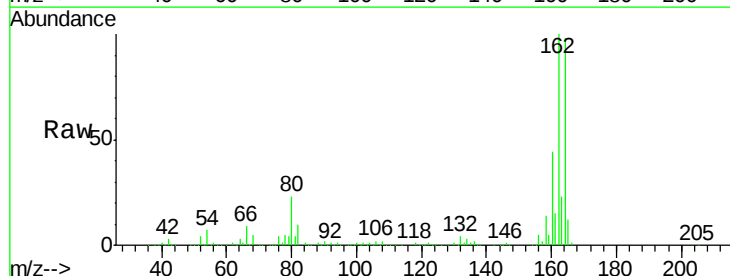
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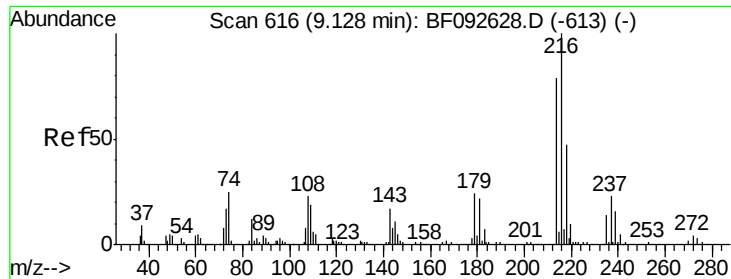
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF093019.D
Acq: 17 Feb 2017 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	306050		
162	101.7	80.2	120.2	
160	44.5	36.9	55.3	





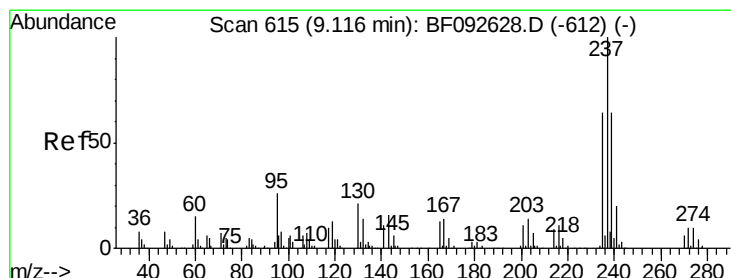
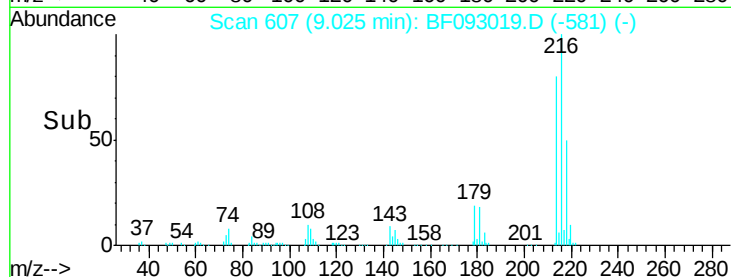
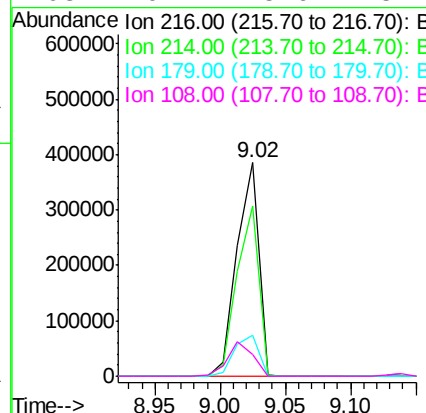
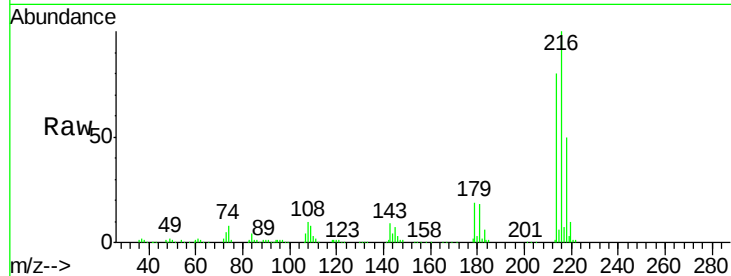
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 51.88 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF093019.D
 Acq: 17 Feb 2017 19:14

Instrument :
 BNA_F
 ClientSampleId :
 M-3MSD

Tgt Ion:	216	Resp:	445733
Ion Ratio		Lower	Upper
216	100		
214	80.1	63.4	95.0
179	21.5	17.4	26.2
108	19.2	15.6	23.4

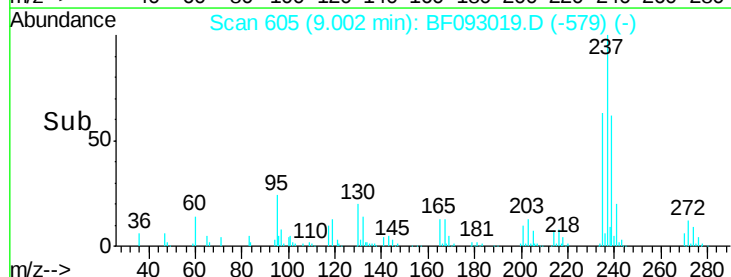
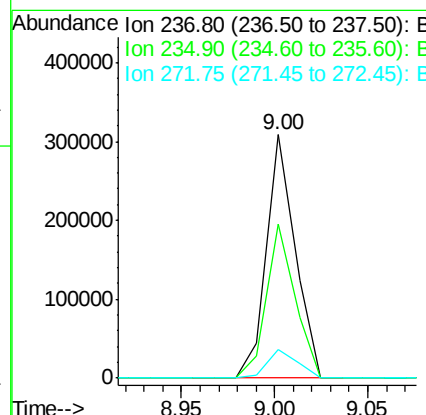
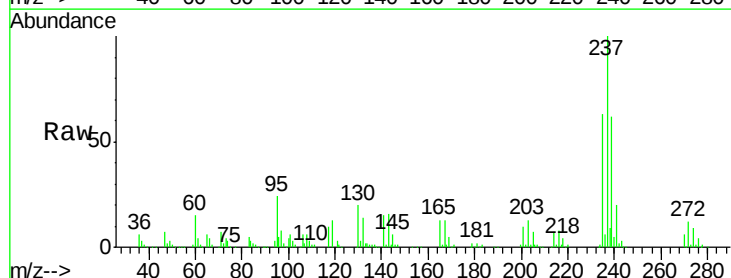
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#40
 Hexachlorocyclopentadiene
 Concen: 84.67 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: BF093019.D
 Acq: 17 Feb 2017 19:14

Tgt Ion:	237	Resp:	328205
Ion Ratio		Lower	Upper
237	100		
235	63.1	41.2	81.2
272	11.5	0.0	35.4





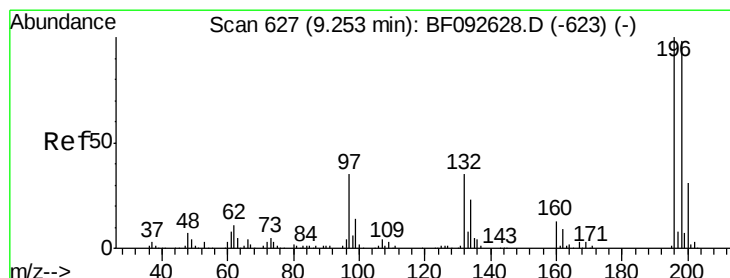
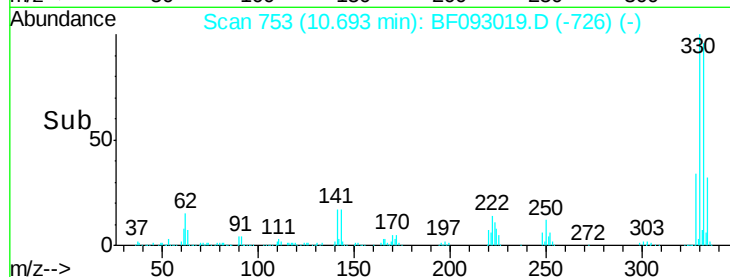
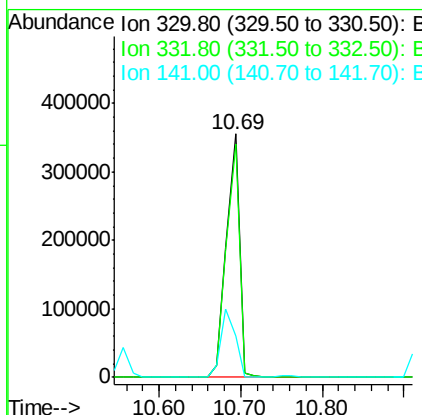
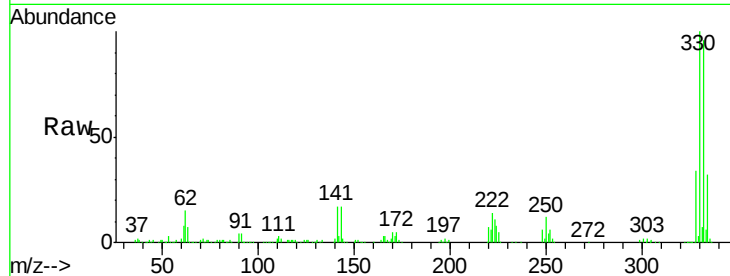
#41
 2,4,6-Tribromophenol
 Concen: 178.73 ng
 RT: 10.69 min Scan# 753
 Delta R.T. 0.01 min
 Lab File: BF093019.D
 Acq: 17 Feb 2017 19:14

Instrument :
 BNA_F
 ClientSampleId :
 M-3MSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	395616		
332	96.8	77.4	116.2	
141	31.7	34.1	51.1#	

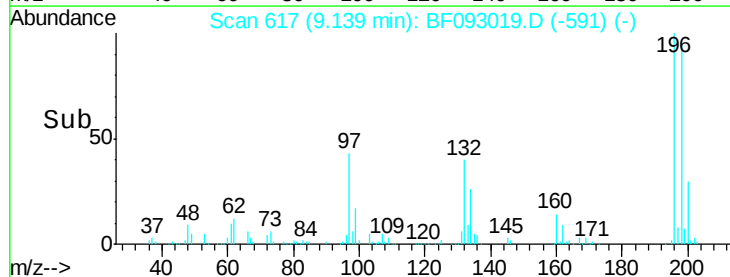
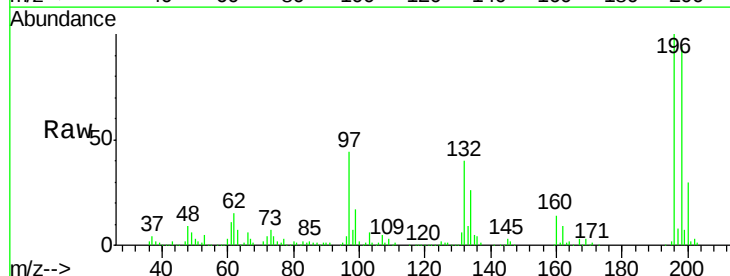
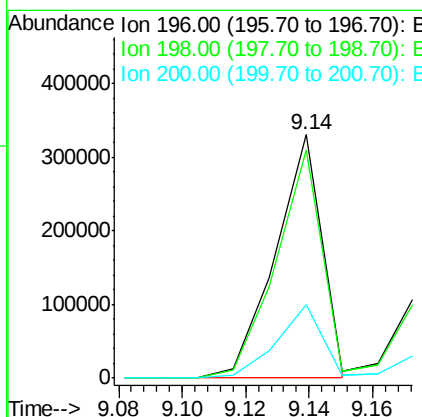
Manual Integrations
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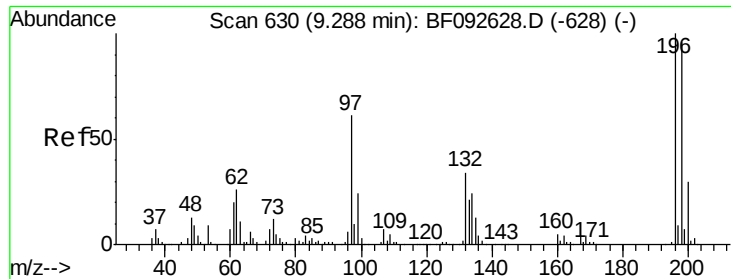
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#42
 2,4,6-Trichlorophenol
 Concen: 59.63 ng m
 RT: 9.14 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF093019.D
 Acq: 17 Feb 2017 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	336611		
198	93.9	82.1	123.1	
200	30.2	27.0	40.4	





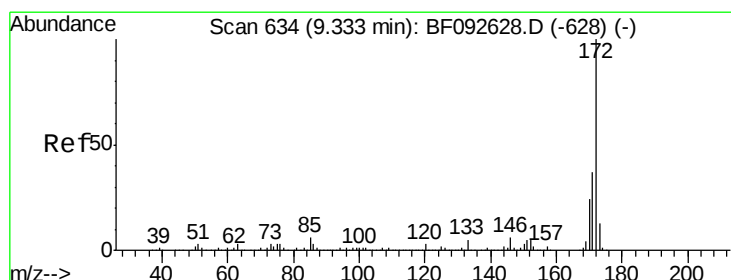
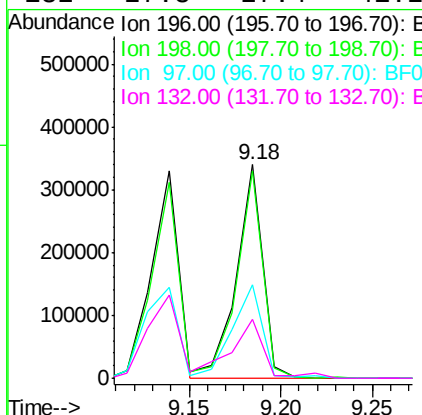
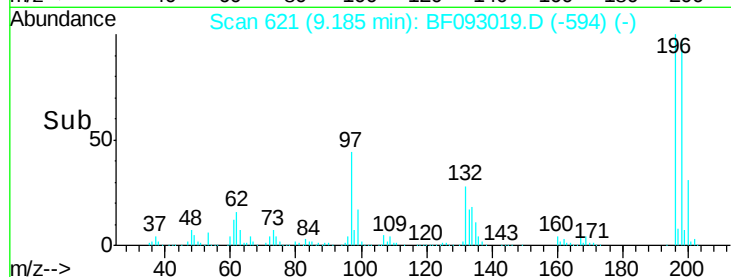
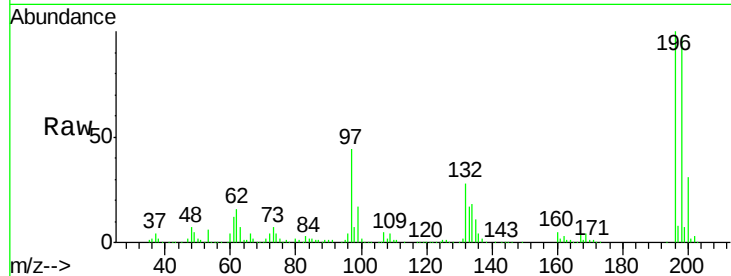
#43
 2,4,5-Trichlorophenol
 Concen: 54.87 ng m
 RT: 9.18 min Scan# 621
 Delta R.T. 0.01 min
 Lab File: BF093019.D
 Acq: 17 Feb 2017 19:14

Instrument :
 BNA_F
 ClientSampleId :
 M-3MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	339362		
198	97.3	79.4	119.2	
97	43.8	51.5	77.3#	
132	27.8	27.4	41.2	

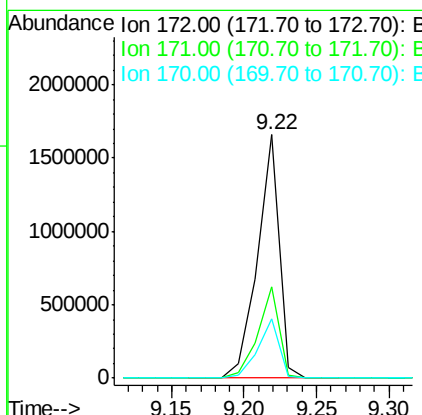
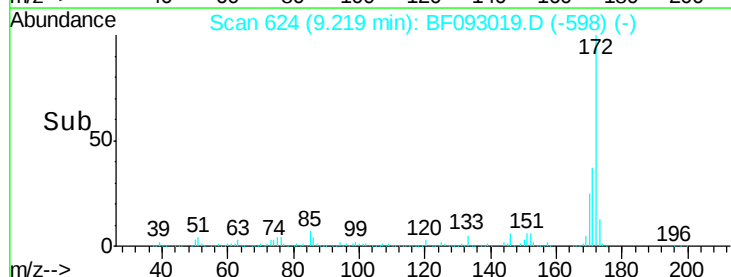
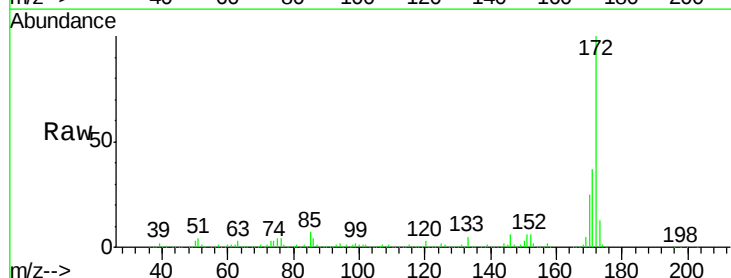
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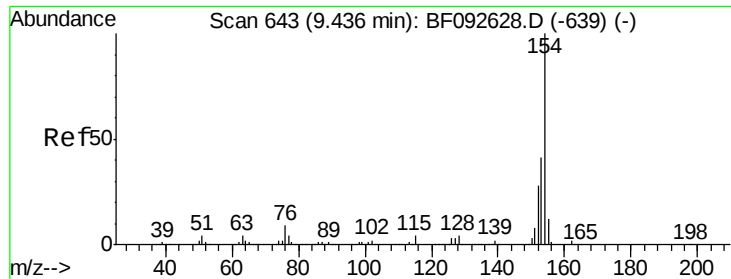
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 102.10 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093019.D
 Acq: 17 Feb 2017 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1724813		
171	37.3	29.4	44.0	
170	24.6	20.2	30.4	





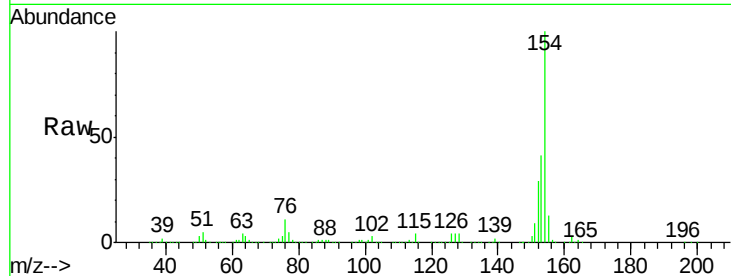
#45
 1,1'-Biphenyl
 Concen: 55.42 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF093019.D
 Acq: 17 Feb 2017 19:14

Instrument :
 BNA_F
 ClientSampleId :
 M-3MSD

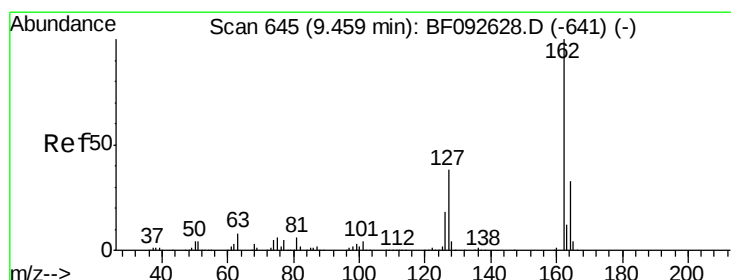
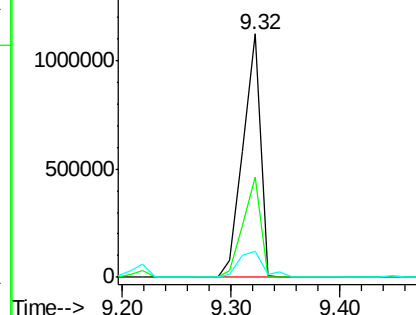
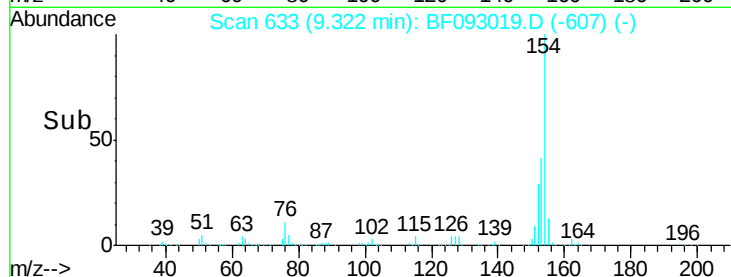
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.9	60.9
76	10.9	0.0	30.5

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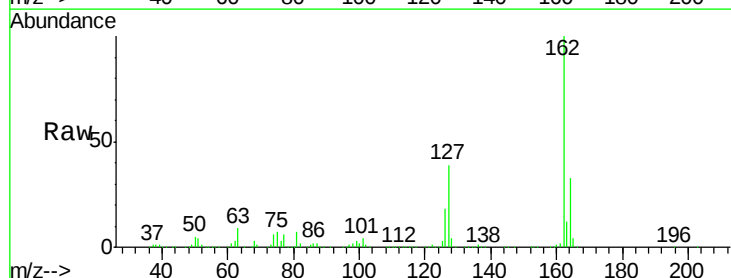


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

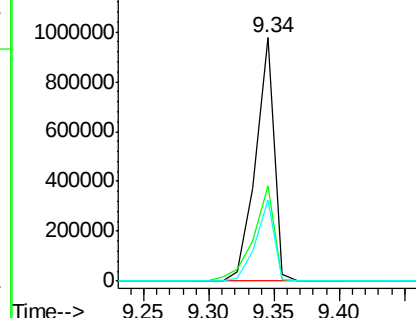
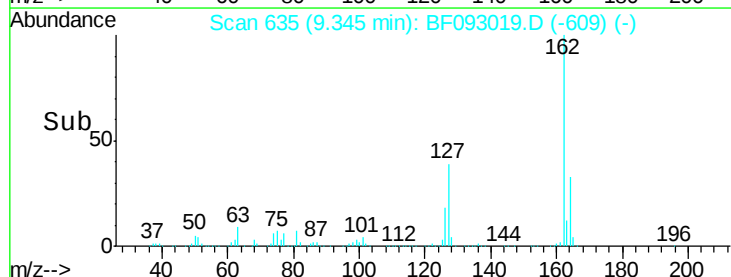


#46
 2-Chloronaphthalene
 Concen: 56.01 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.00 min
 Lab File: BF093019.D
 Acq: 17 Feb 2017 19:14

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.9	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





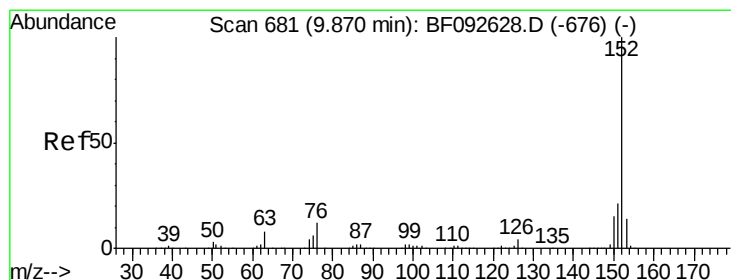
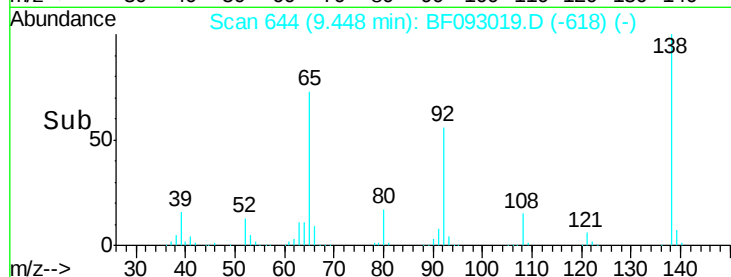
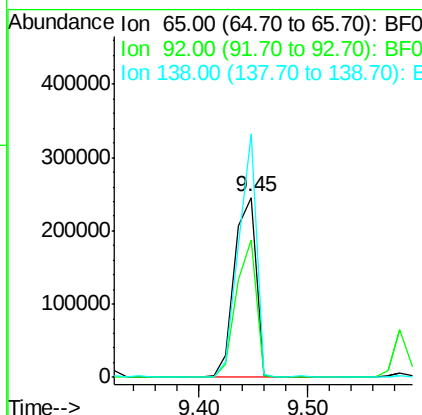
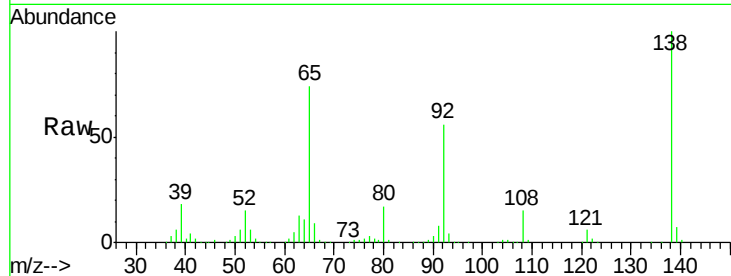
#47
2-Nitroaniline
Concen: 57.49 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.00 min
Lab File: BF093019.D
Acq: 17 Feb 2017 19:14

Instrument :
BNA_F
ClientSampleId :
M-3MSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.1	53.9	80.9
138	135.3	76.8	115.2

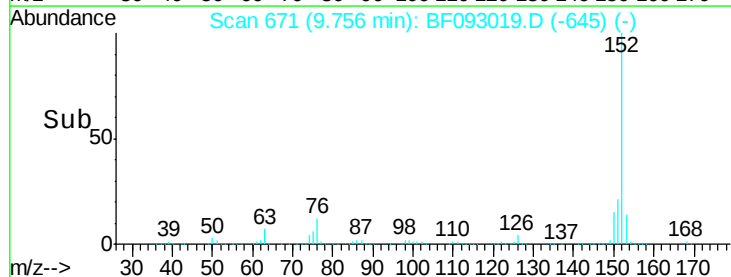
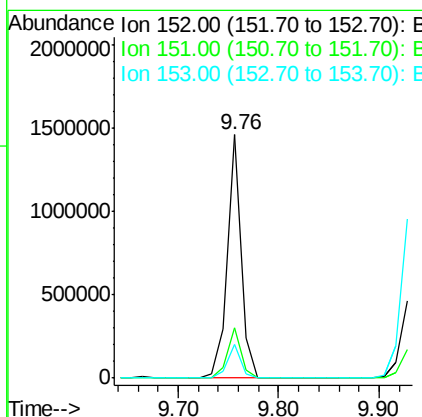
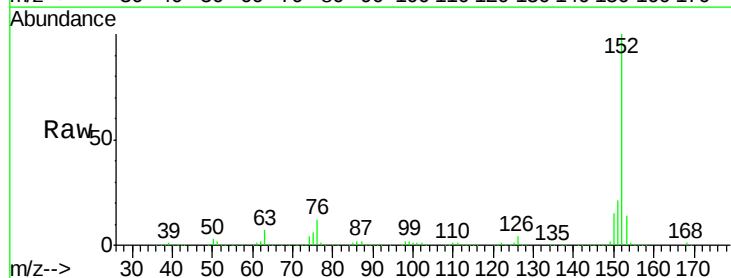
Manual Integrations
APPROVED

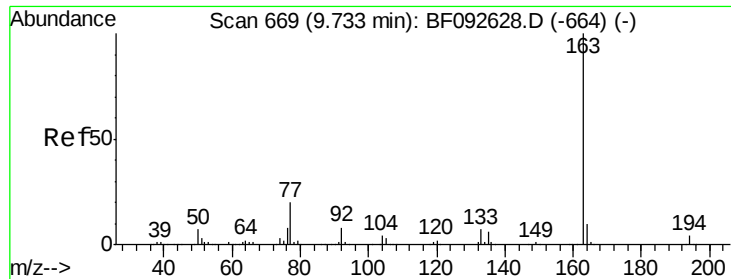
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#48
Acenaphthylene
Concen: 46.74 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF093019.D
Acq: 17 Feb 2017 19:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.9	25.3
153	13.6	11.4	17.2





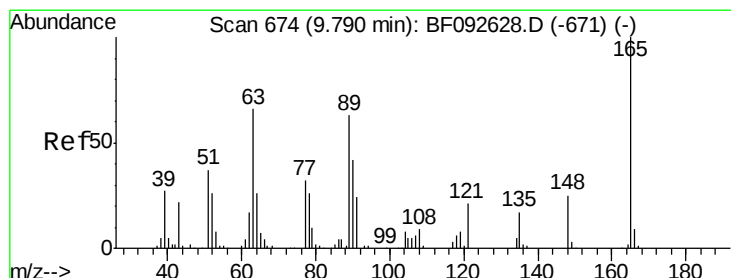
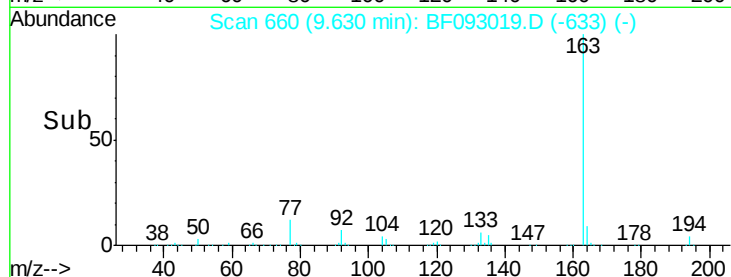
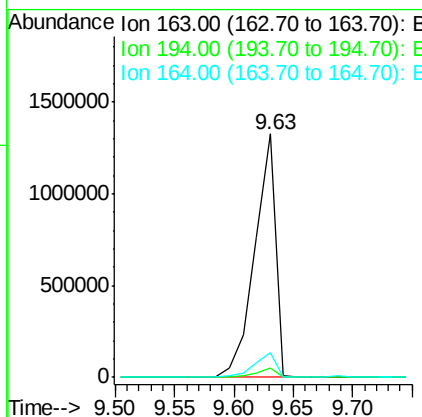
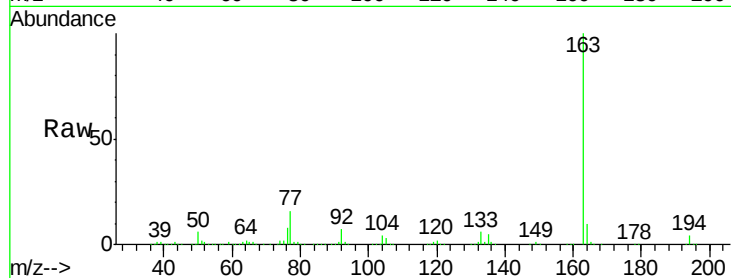
#49
Dimethylphthalate
Concen: 79.61 ng
RT: 9.63 min Scan# 660
Delta R.T. 0.01 min
Lab File: BF093019.D
Acq: 17 Feb 2017 19:14

Instrument :
BNA_F
ClientSampleId :
M-3MSD

Tgt Ion:163 Resp: 1641207
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.0 8.0 12.0

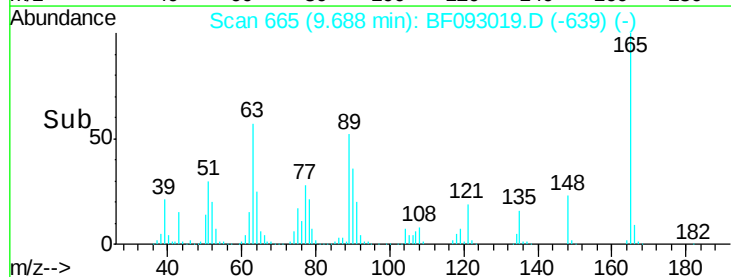
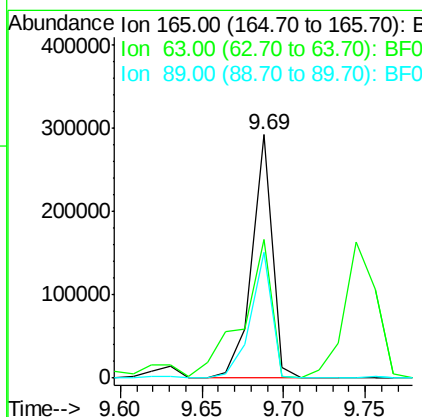
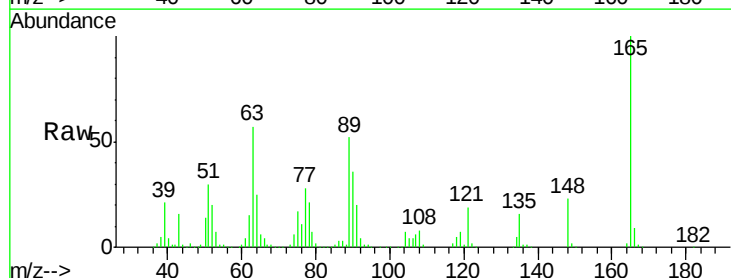
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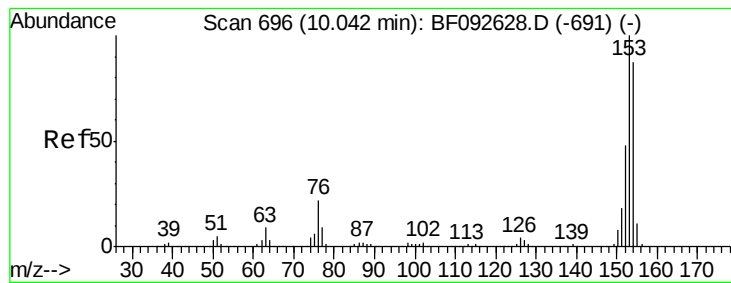
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#50
2,6-Dinitrotoluene
Concen: 57.33 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF093019.D
Acq: 17 Feb 2017 19:14

Tgt Ion:165 Resp: 255247
Ion Ratio Lower Upper
165 100
63 56.8 36.2 54.4#
89 51.9 40.2 60.4





#51

Acenaphthene

Concen: 50.83 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF093019.D

Acq: 17 Feb 2017 19:14

Instrument :

BNA_F

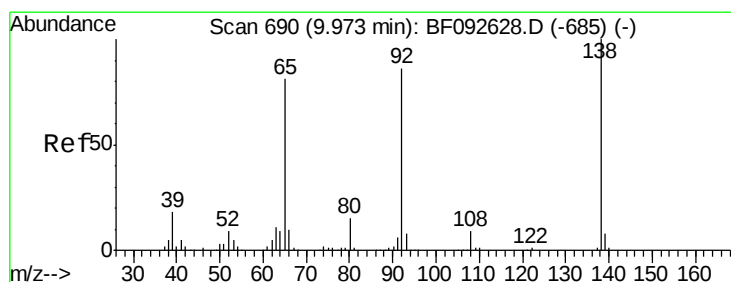
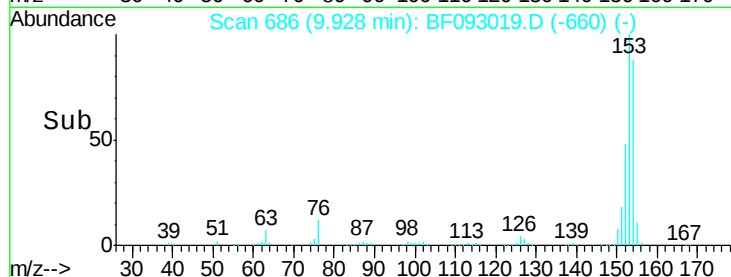
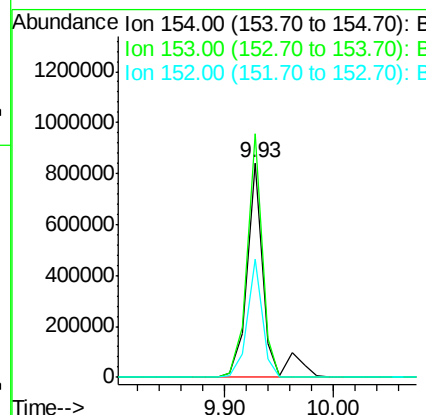
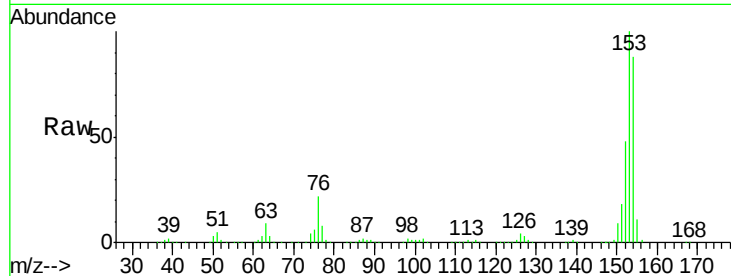
ClientSampleId :

M-3MSD

Tgt Ion:	154	Resp:	910097
Ion Ratio	Lower	Upper	
154	100		
153	113.4	88.6	133.0
152	54.8	41.6	62.4

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#52

3-Nitroaniline

Concen: 30.30 ng

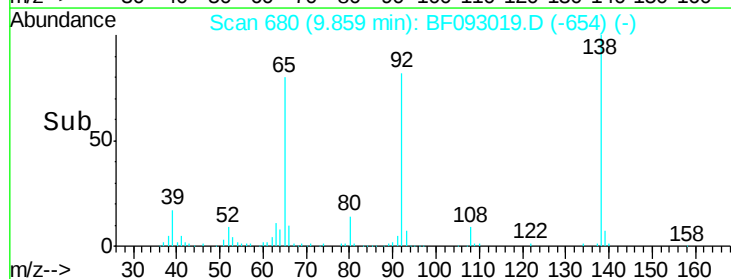
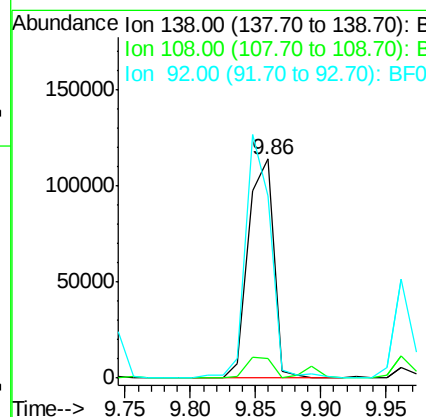
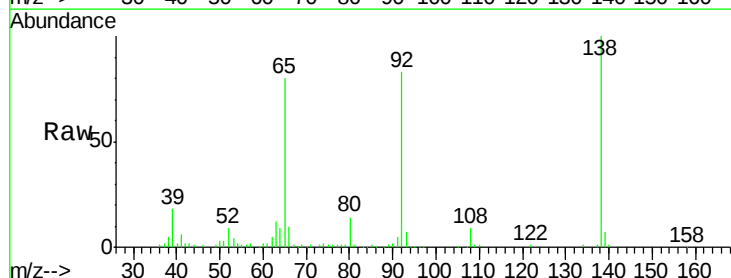
RT: 9.86 min Scan# 680

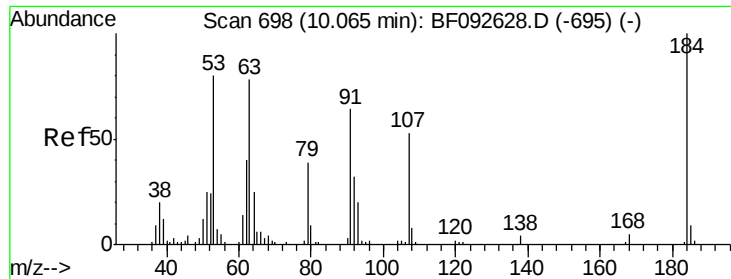
Delta R.T. -0.00 min

Lab File: BF093019.D

Acq: 17 Feb 2017 19:14

Tgt Ion:	138	Resp:	154384
Ion Ratio	Lower	Upper	
138	100		
108	9.1	8.5	12.7
92	83.4	97.8	146.8#





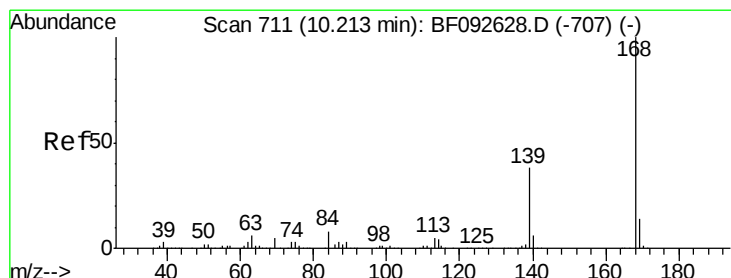
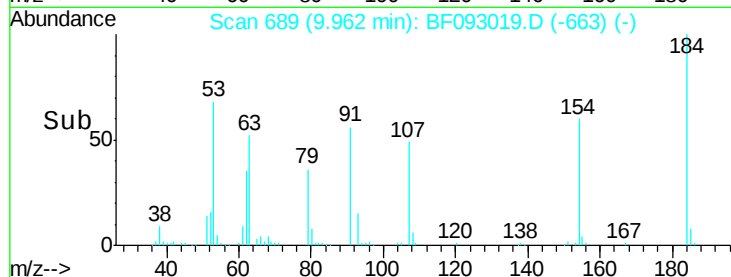
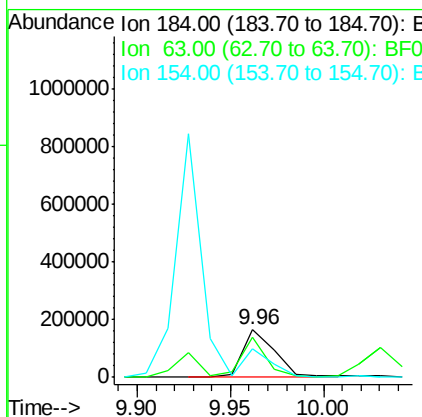
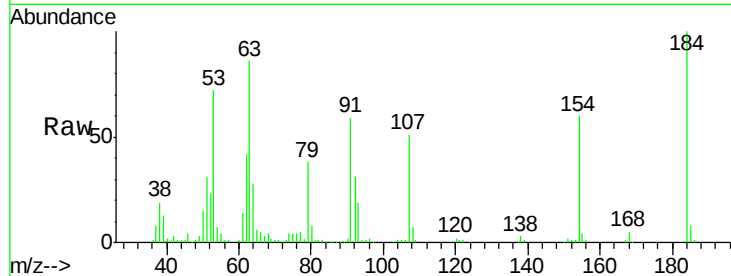
#53
2,4-Dinitrophenol
Concen: 86.36 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF093019.D
Acq: 17 Feb 2017 19:14

Instrument :
BNA_F
ClientSampled :
M-3MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	196494		
63	85.7	28.4	42.6#	
154	60.3	44.3	66.5	

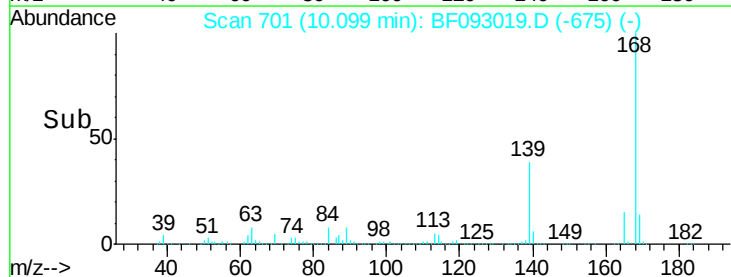
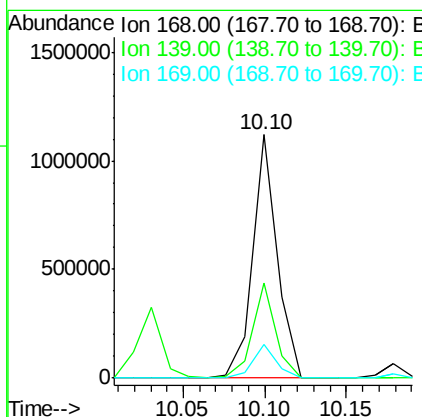
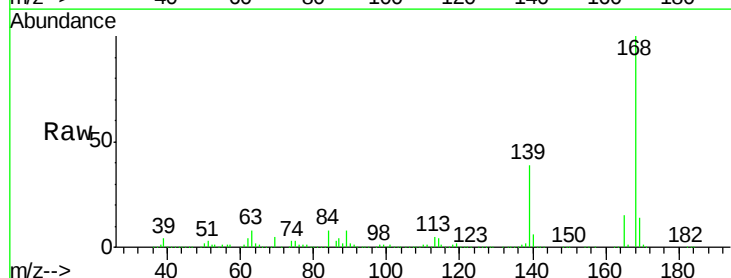
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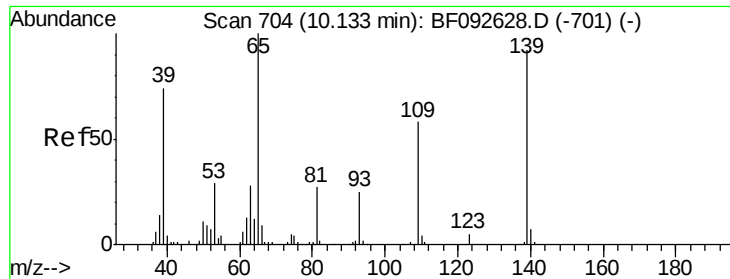
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#54
Dibenzofuran
Concen: 48.64 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF093019.D
Acq: 17 Feb 2017 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1164851		
139	39.0	32.6	49.0	
169	13.8	11.3	16.9	





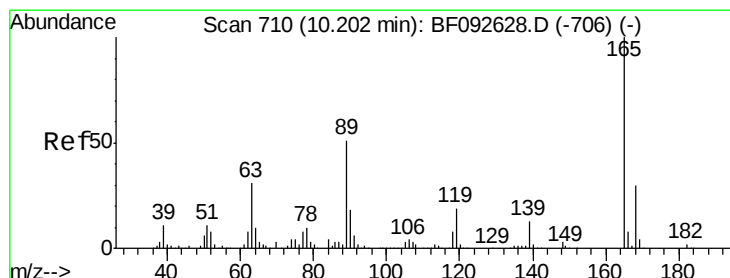
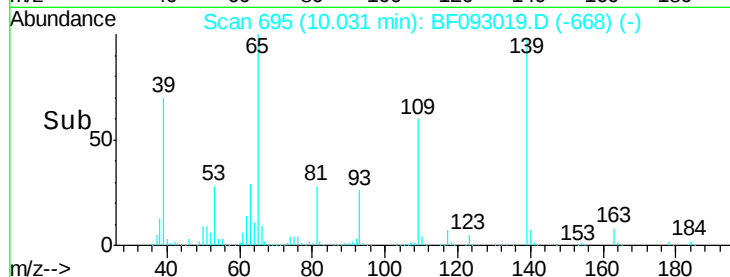
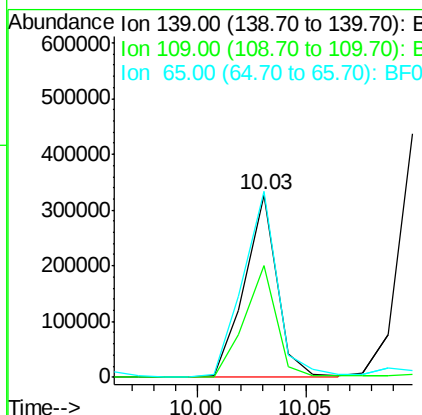
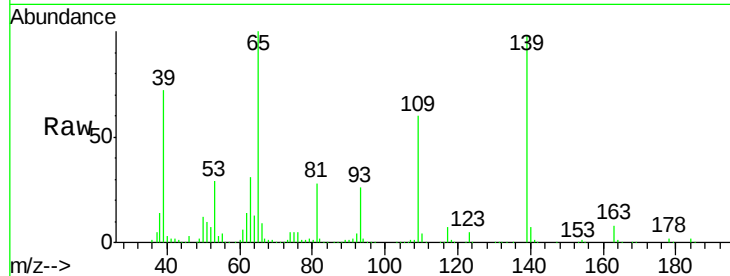
#55
4-Nitrophenol
Concen: 93.99 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.01 min
Lab File: BF093019.D
Acq: 17 Feb 2017 19:14

Instrument :
BNA_F
ClientSampled :
M-3MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	344900		
109	61.3	52.2	92.2	
65	102.2	85.8	125.8	

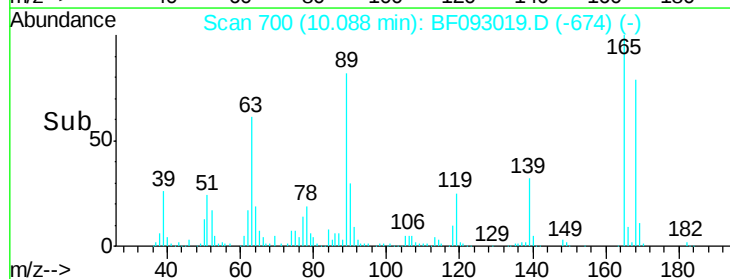
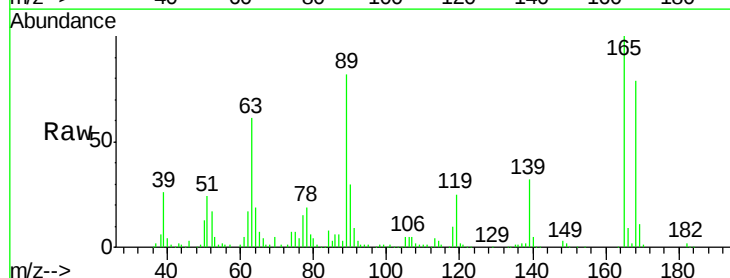
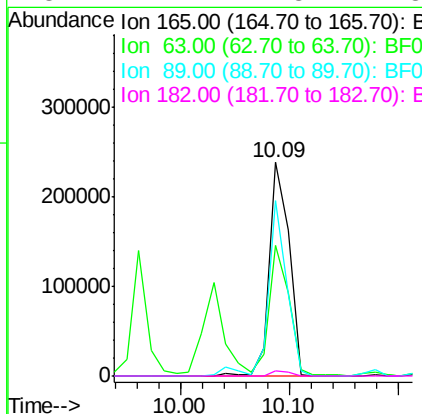
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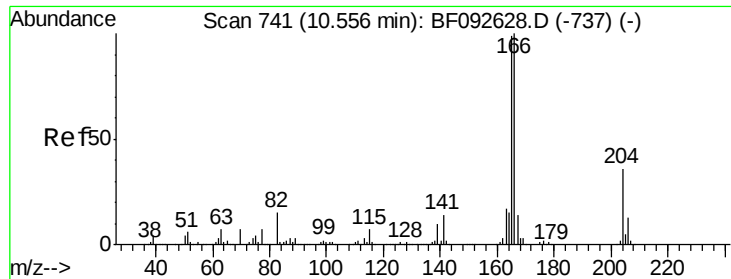
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#56
2,4-Dinitrotoluene
Concen: 51.01 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF093019.D
Acq: 17 Feb 2017 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	302320		
63	61.4	40.2	60.4	#
89	82.2	62.5	93.7	
182	2.4	1.8	2.8	





#57

Fluorene

Concen: 47.92 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF093019.D

Acq: 17 Feb 2017 19:14

Instrument :

BNA_F

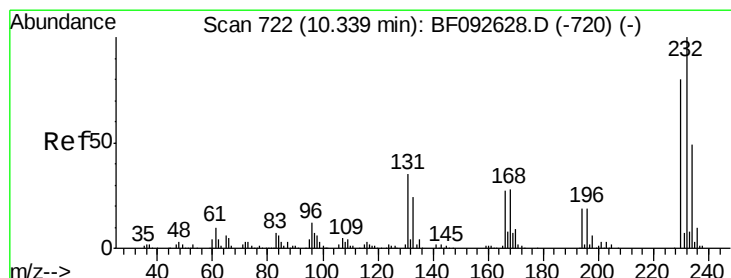
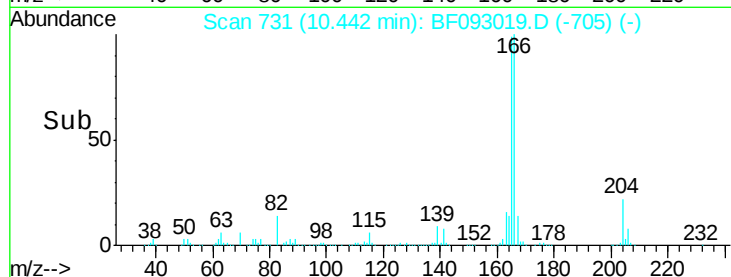
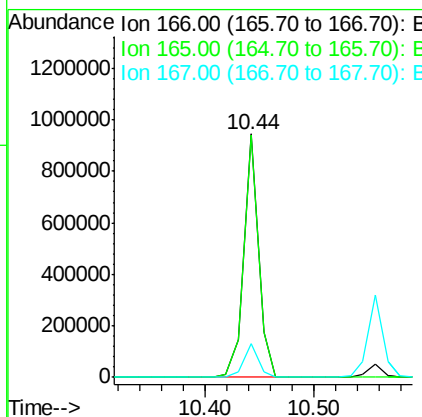
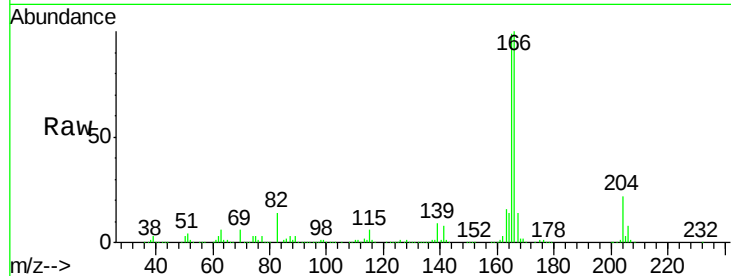
ClientSampleId :

M-3MSD

Tgt Ion:	166	Resp:	882848
Ion Ratio	Lower	Upper	
166	100		
165	99.3	77.8	116.8
167	13.6	10.8	16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 64.30 ng

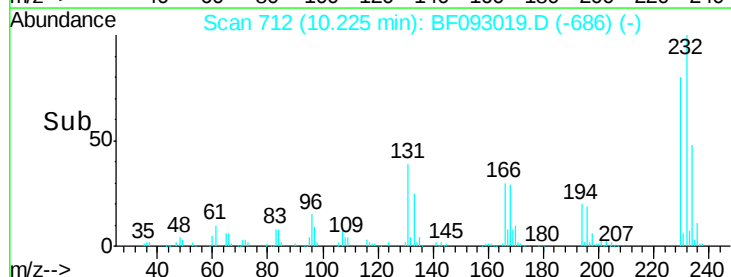
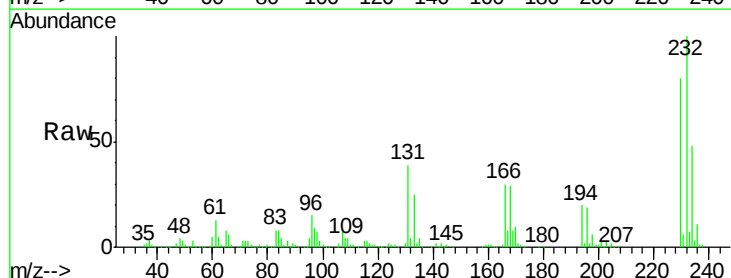
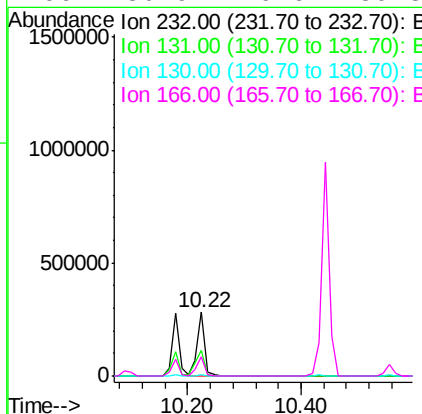
RT: 10.22 min Scan# 712

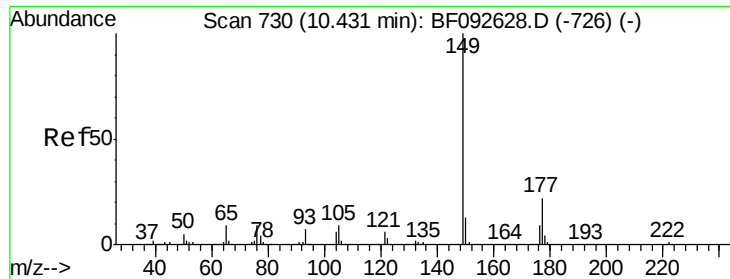
Delta R.T. -0.00 min

Lab File: BF093019.D

Acq: 17 Feb 2017 19:14

Tgt Ion:	232	Resp:	265317
Ion Ratio	Lower	Upper	
232	100		
131	45.0	40.1	60.1
130	2.1	1.8	2.8
166	30.9	26.6	39.8





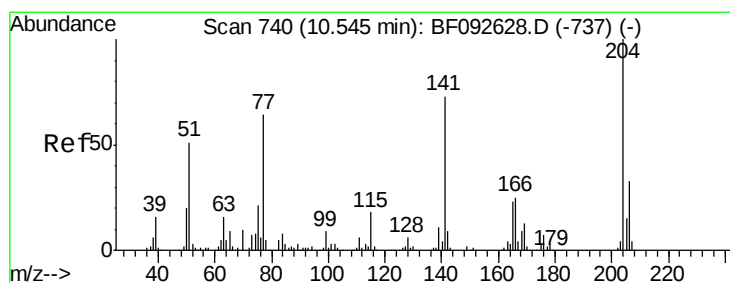
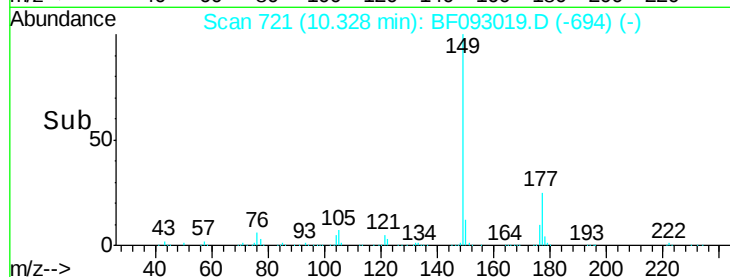
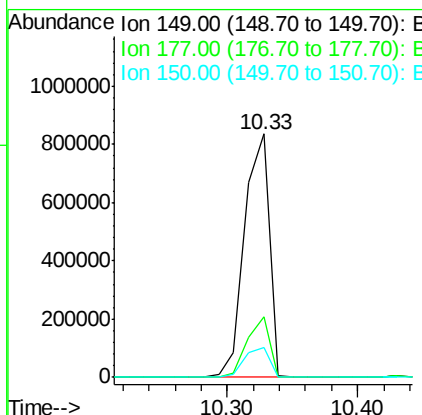
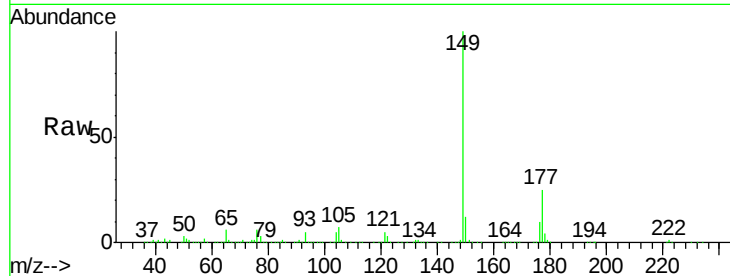
#59
Diethylphthalate
Concen: 56.56 ng
RT: 10.33 min Scan# 721
Delta R.T. 0.01 min
Lab File: BF093019.D
Acq: 17 Feb 2017 19:14

Instrument :
BNA_F
ClientSampled :
M-3MSD

Tgt Ion:149 Resp: 1098867
Ion Ratio Lower Upper
149 100
177 25.0 16.6 25.0#
150 12.2 10.4 15.6

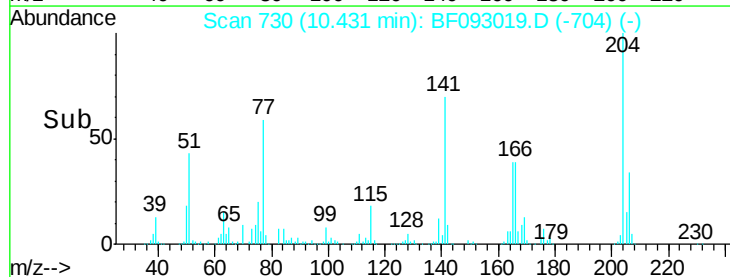
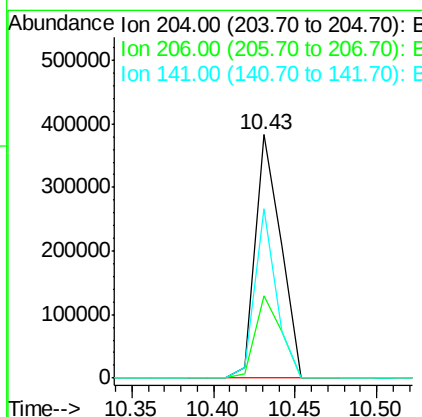
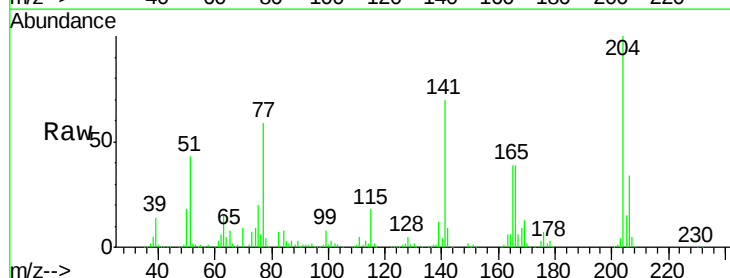
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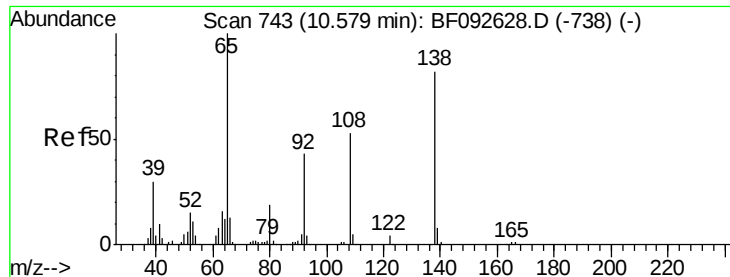
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#60
4-Chlorophenyl-phenylether
Concen: 47.27 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF093019.D
Acq: 17 Feb 2017 19:14

Tgt Ion:204 Resp: 418436
Ion Ratio Lower Upper
204 100
206 34.0 25.8 38.6
141 69.8 59.4 89.0





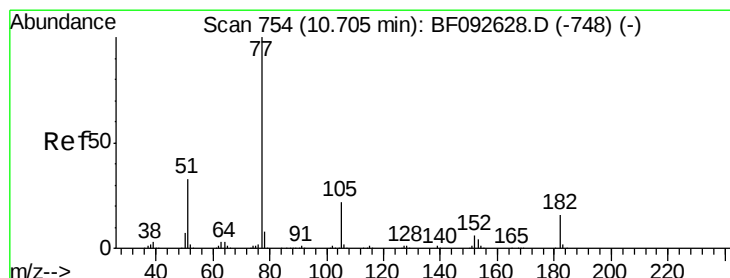
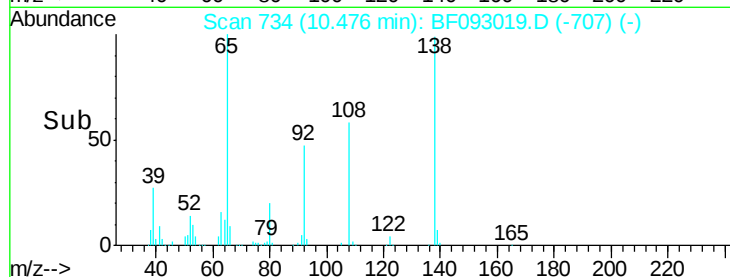
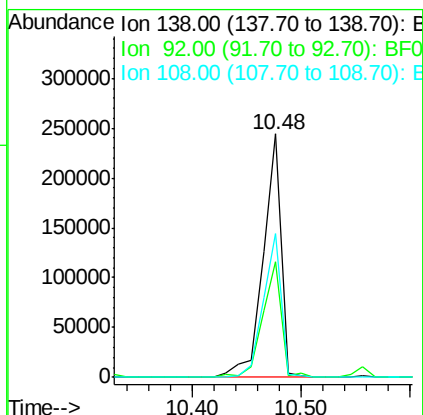
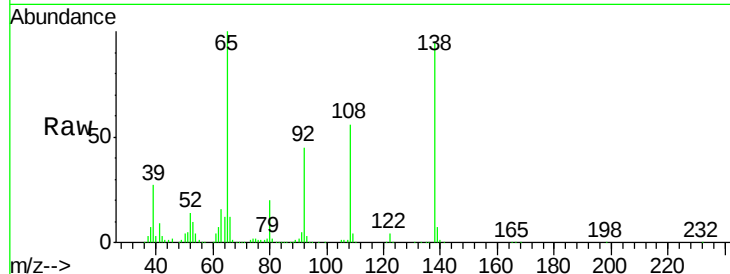
#61
4-Nitroaniline
Concen: 54.36 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.01 min
Lab File: BF093019.D
Acq: 17 Feb 2017 19:14

Instrument :
BNA_F
ClientSampleId :
M-3MSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.3	31.7	71.7
108	59.3	52.6	92.6

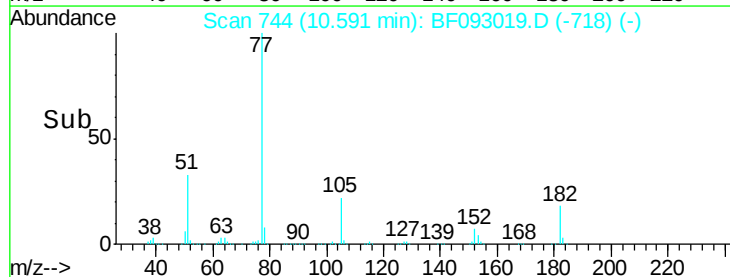
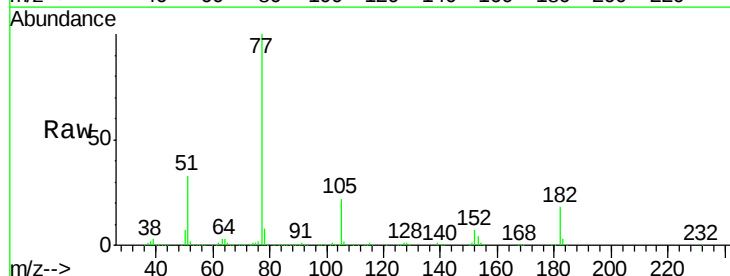
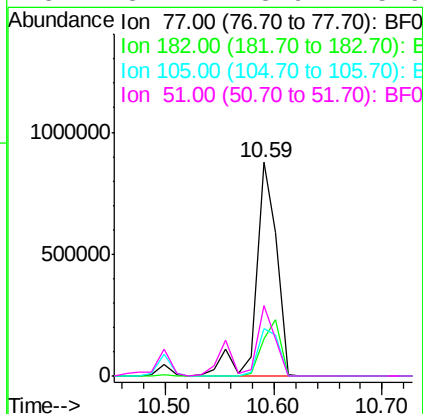
Manual Integrations
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#62
Azobenzene
Concen: 57.89 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF093019.D
Acq: 17 Feb 2017 19:14

Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.6	0.0	39.3
105	22.1	2.3	42.3
51	32.7	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF093019.D

Acq: 17 Feb 2017 19:14

Instrument :

BNA_F

ClientSampleId :

M-3MSD

Tgt Ion:188 Resp: 568324
Ion Ratio Lower Upper

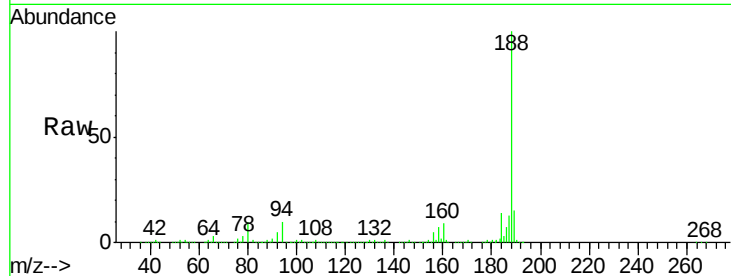
188 100

94 9.8 10.0 15.0#

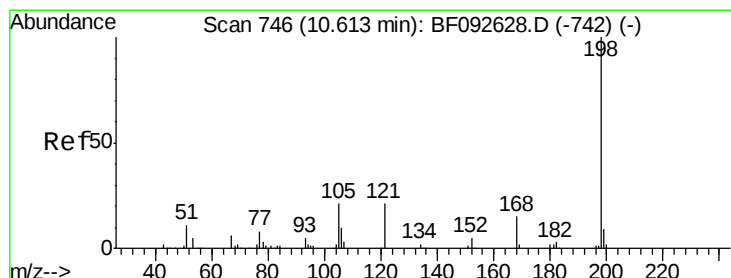
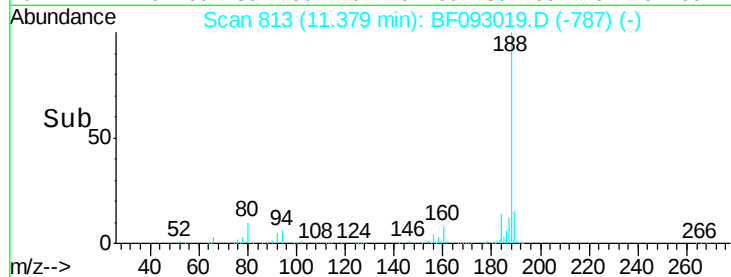
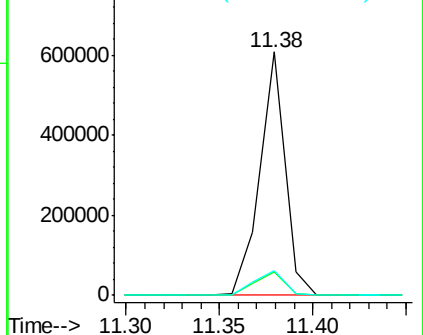
80 10.4 11.2 16.8#

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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: 47.38 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF093019.D

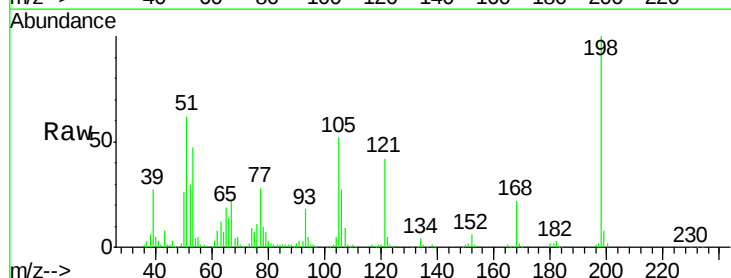
Acq: 17 Feb 2017 19:14

Tgt Ion:198 Resp: 163784
Ion Ratio Lower Upper

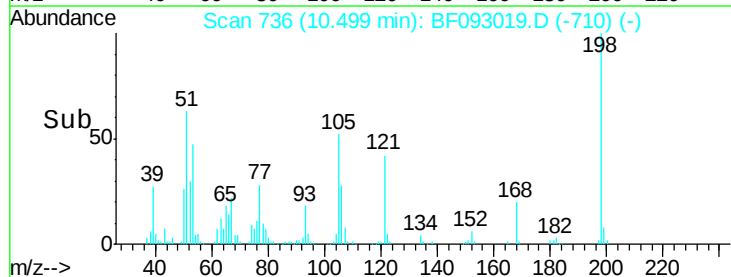
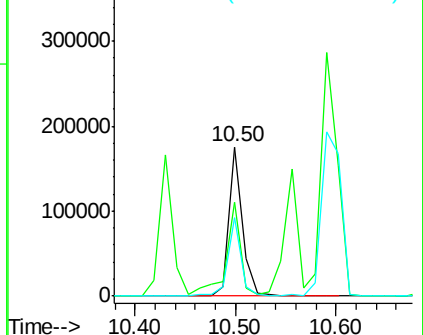
198 100

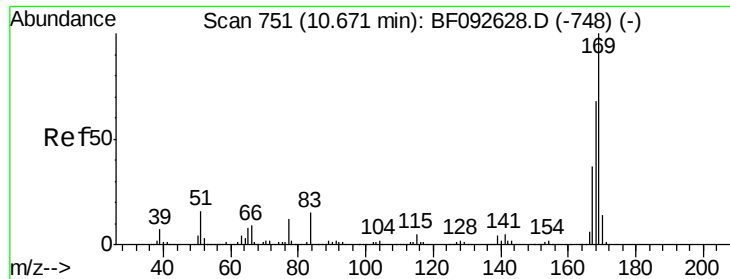
51 62.5 6.7 46.7#

105 52.1 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: 44.88 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF093019.D

Acq: 17 Feb 2017 19:14

Instrument :

BNA_F

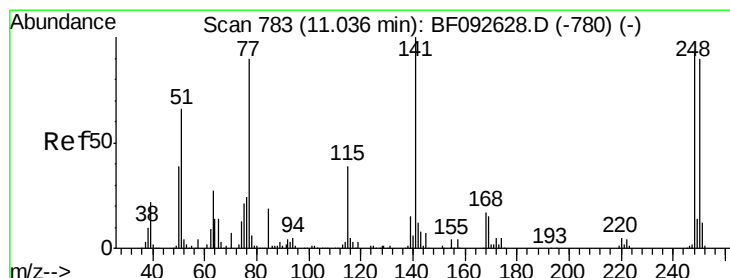
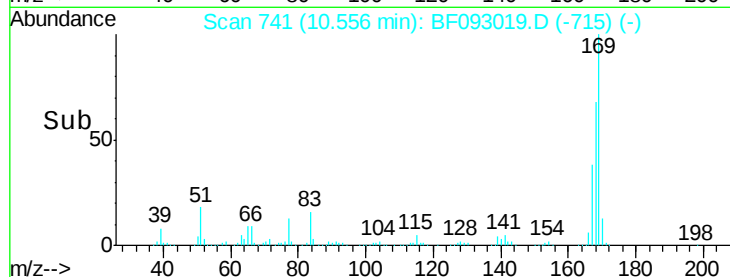
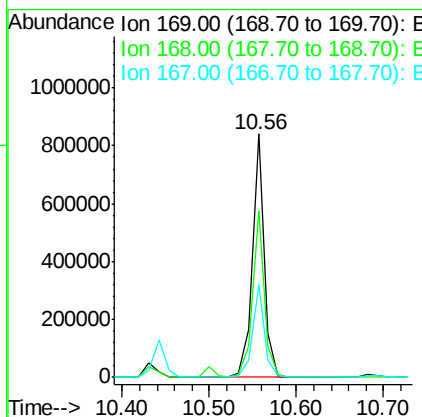
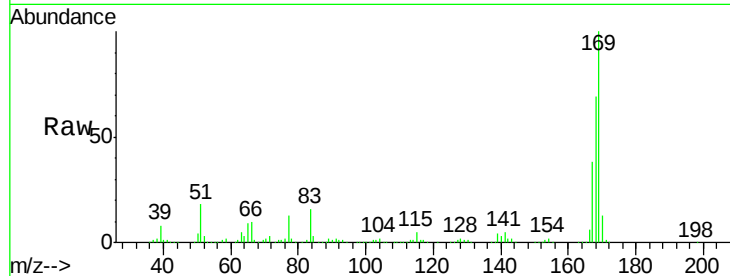
ClientSampleId :

M-3MSD

Tgt Ion:	169	Resp:	814835
Ion Ratio	Lower	Upper	
169	100		
168	68.5	54.2	81.2
167	38.1	30.2	45.4

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#66

4-Bromophenyl-phenylether

Concen: 42.73 ng

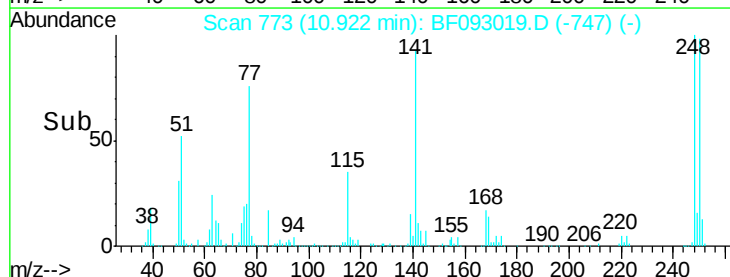
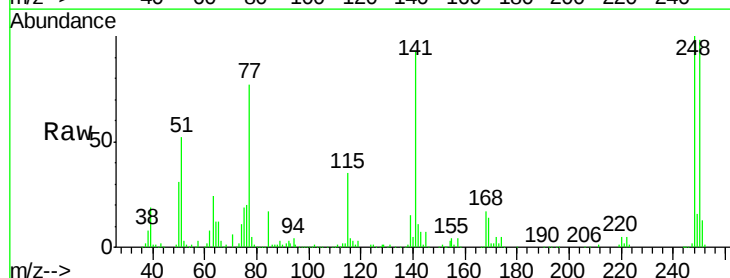
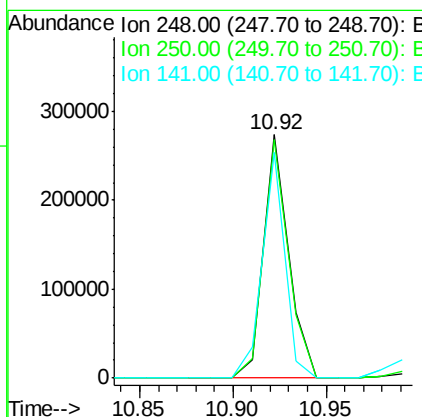
RT: 10.92 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF093019.D

Acq: 17 Feb 2017 19:14

Tgt Ion:	248	Resp:	253690
Ion Ratio	Lower	Upper	
248	100		
250	98.1	76.9	115.3
141	92.5	68.2	102.4





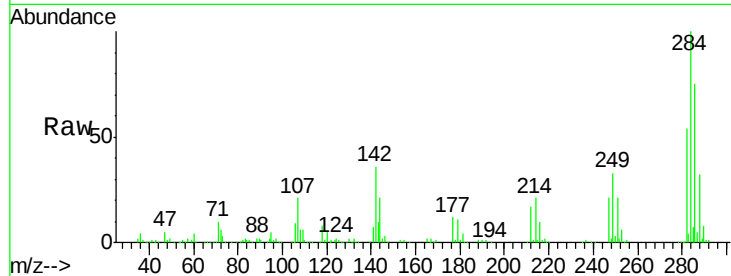
#67
Hexachlorobenzene
Concen: 45.79 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF093019.D
Acq: 17 Feb 2017 19:14

Instrument :
BNA_F
ClientSampleId :
M-3MSD

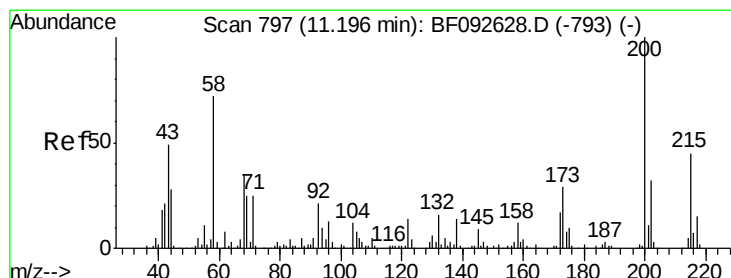
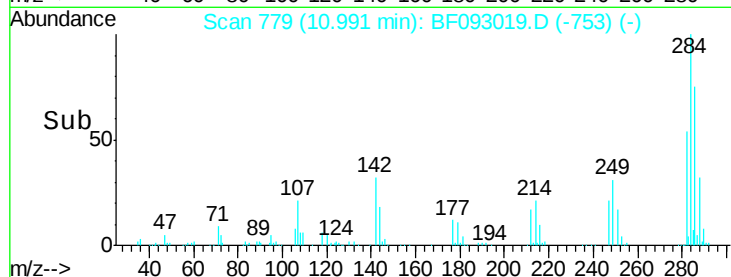
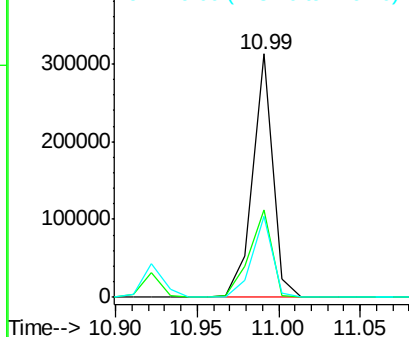
Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	36.1	22.6	33.8#
249	33.2	25.4	38.0

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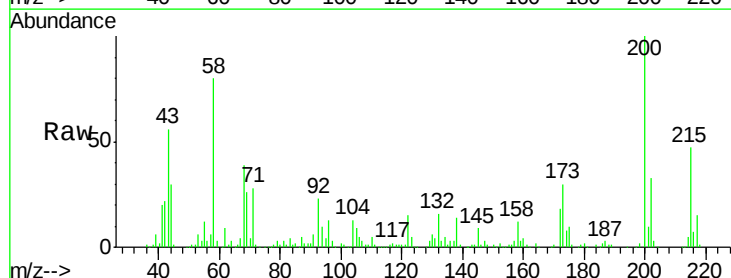


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

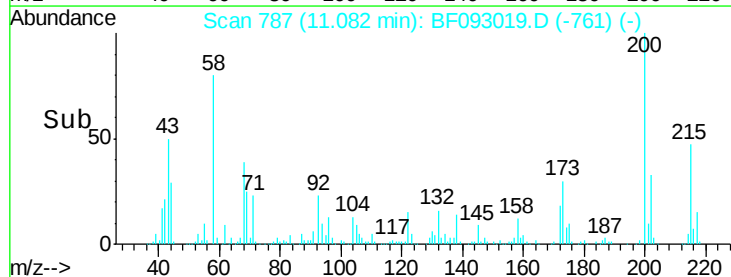
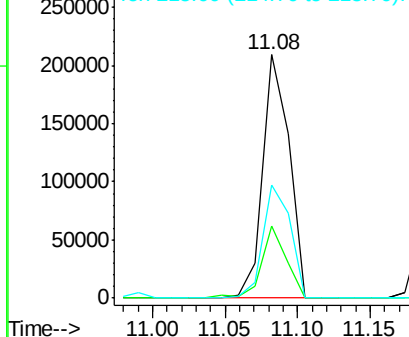


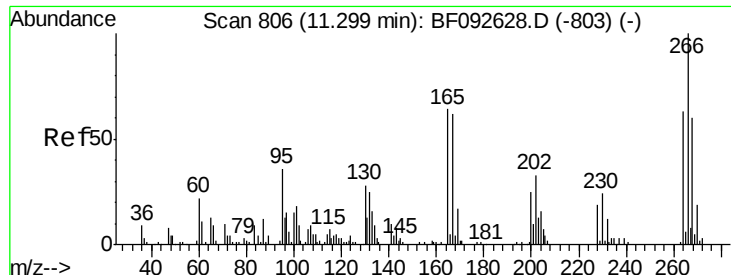
#68
Atrazine
Concen: 45.16 ng
RT: 11.08 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF093019.D
Acq: 17 Feb 2017 19:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.6	9.6	49.6
215	46.6	25.7	65.7



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





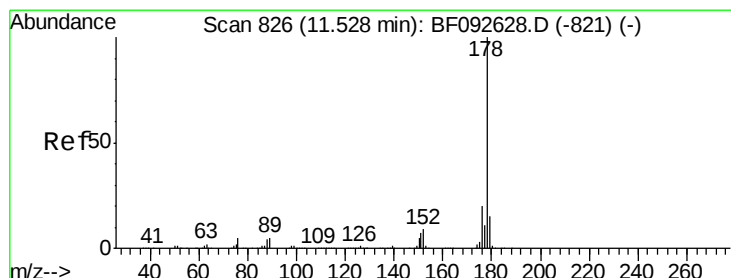
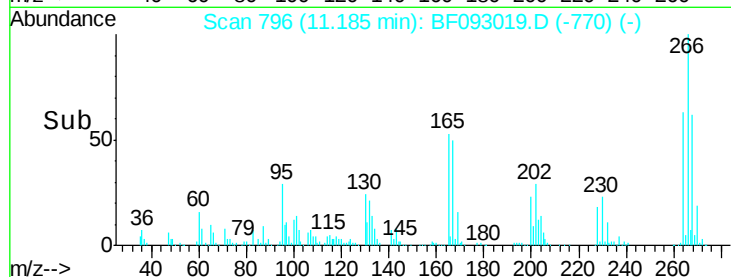
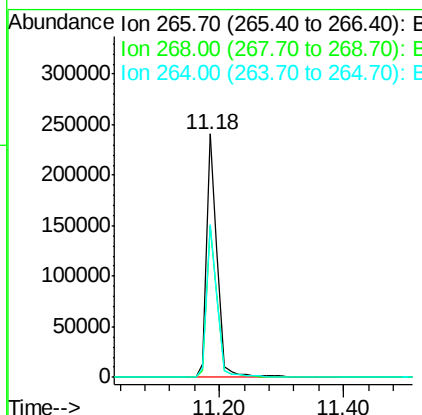
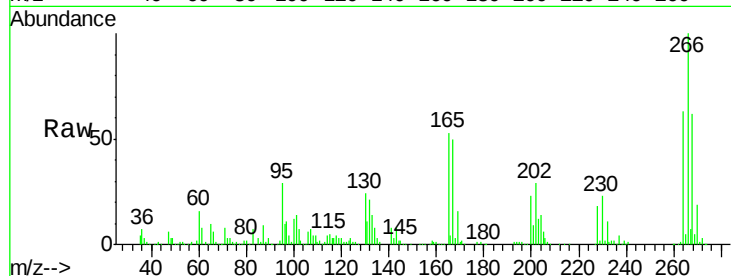
#69
 Pentachlorophenol
 Concen: 93.44 ng
 RT: 11.18 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF093019.D
 Acq: 17 Feb 2017 19:14

Instrument :
 BNA_F
 ClientSampleId :
 M-3MSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	287054		
268	62.1	53.3	79.9	
264	62.6	50.3	75.5	

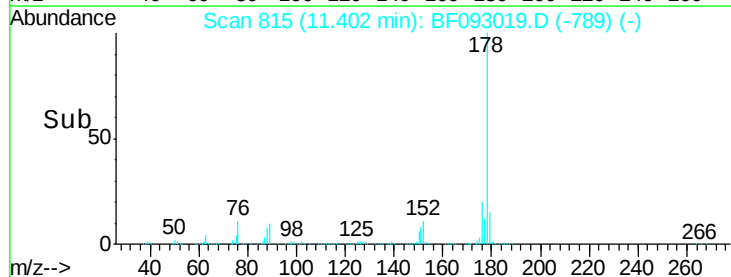
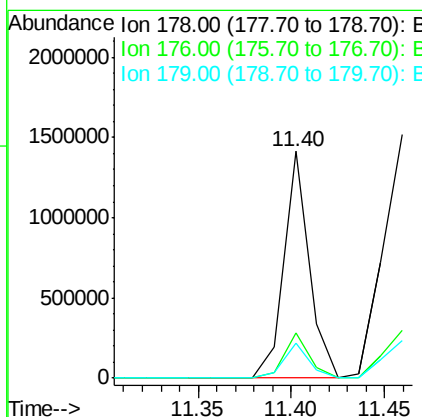
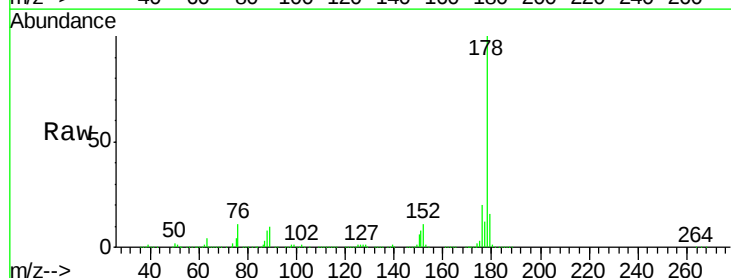
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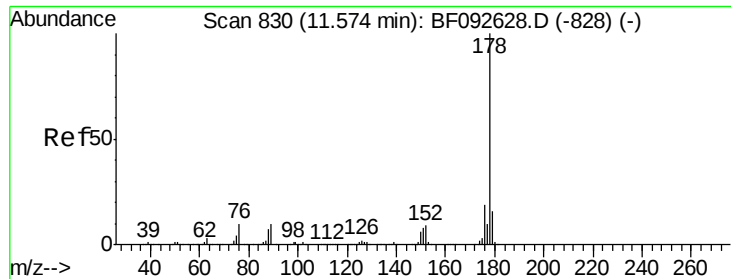
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#70
 Phenanthrene
 Concen: 41.17 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF093019.D
 Acq: 17 Feb 2017 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1340365		
176	20.1	16.6	25.0	
179	15.6	12.8	19.2	





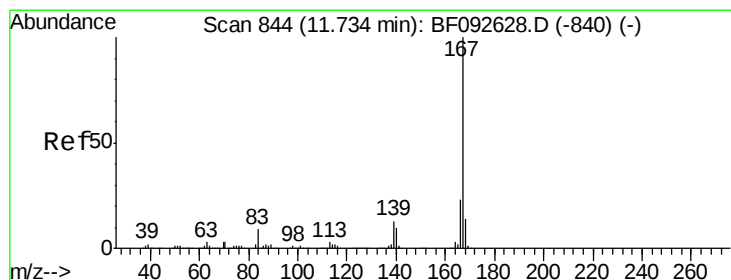
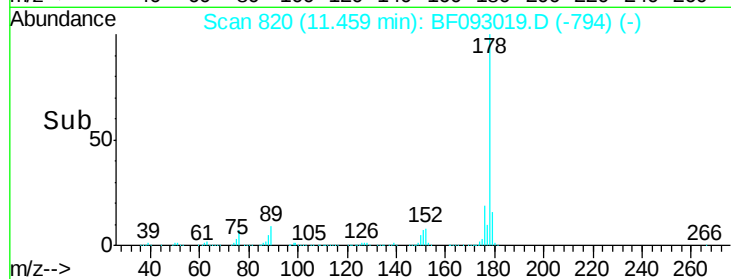
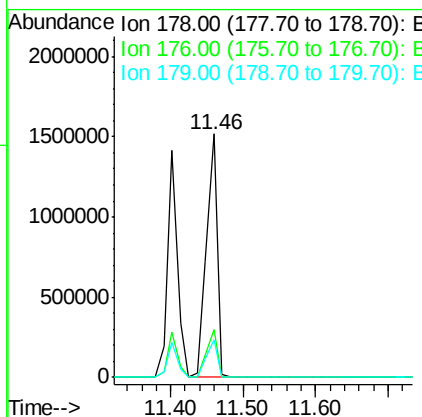
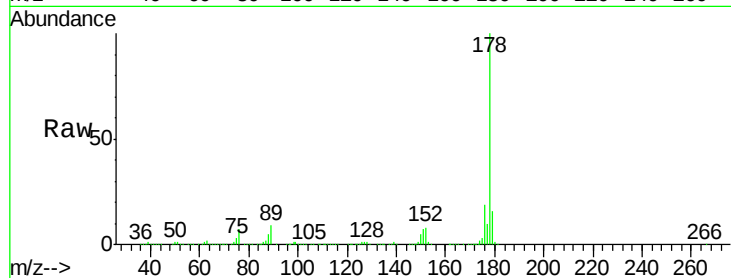
#71
 Anthracene
 Concen: 48.23 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF093019.D
 Acq: 17 Feb 2017 19:14

Instrument :
 BNA_F
 ClientSampleId :
 M-3MSD

Tgt Ion:178 Resp: 1577052
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.9 23.9
 179 15.6 13.2 19.8

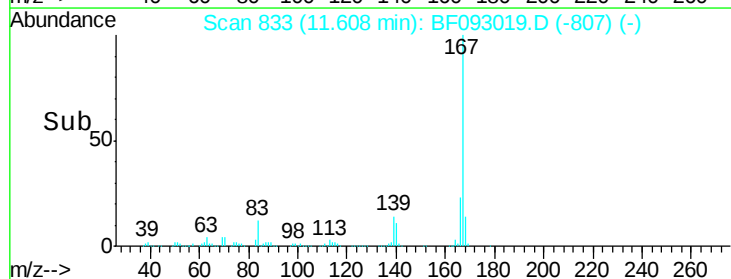
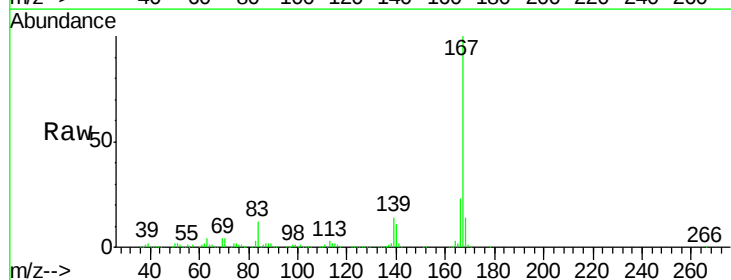
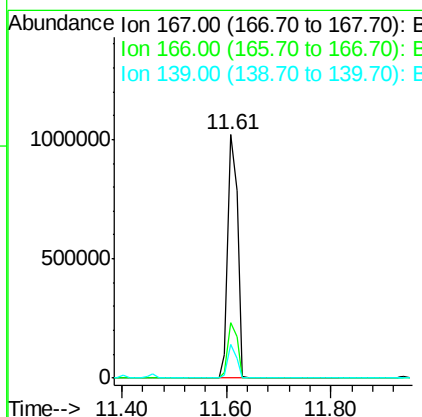
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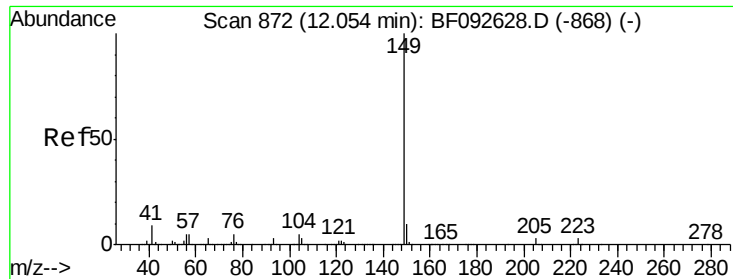
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#72
 Carbazole
 Concen: 42.38 ng
 RT: 11.61 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF093019.D
 Acq: 17 Feb 2017 19:14

Tgt Ion:167 Resp: 1324551
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.2 27.2
 139 13.9 11.4 17.2





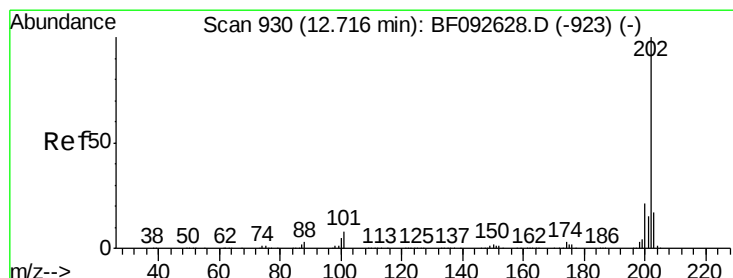
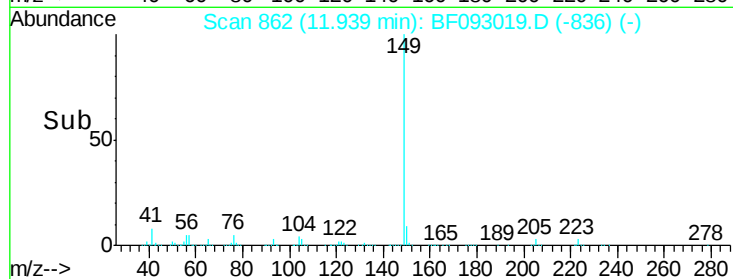
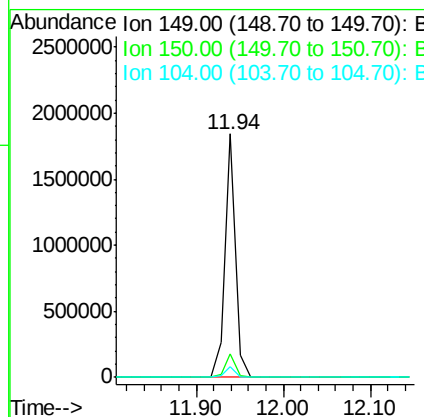
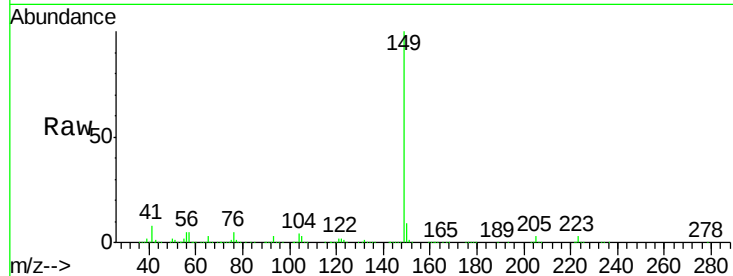
#73
Di-n-butylphthalate
Concen: 46.43 ng
RT: 11.94 min Scan# 862
Delta R.T. -0.00 min
Lab File: BF093019.D
Acq: 17 Feb 2017 19:14

Instrument :
BNA_F
ClientSampleID :
M-3MSD

Tgt Ion:149 Resp: 1569403
Ion Ratio Lower Upper
149 100
150 9.5 8.1 12.1
104 4.4 4.6 7.0#

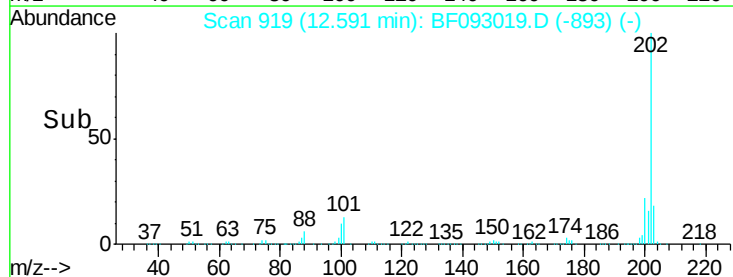
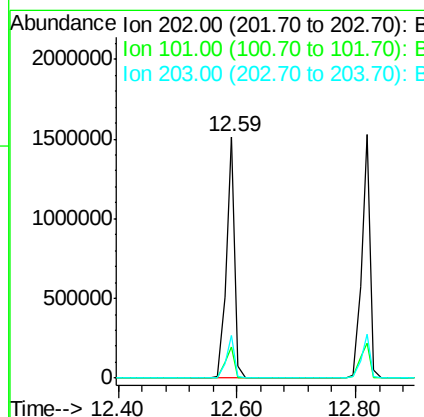
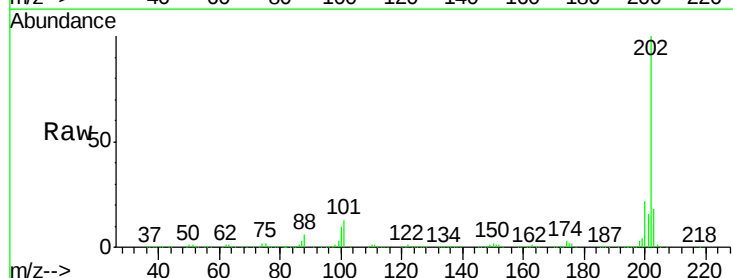
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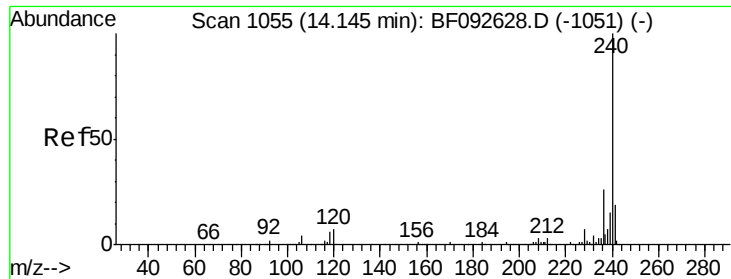
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#74
Fluoranthene
Concen: 43.51 ng
RT: 12.59 min Scan# 919
Delta R.T. -0.00 min
Lab File: BF093019.D
Acq: 17 Feb 2017 19:14

Tgt Ion:202 Resp: 1461175
Ion Ratio Lower Upper
202 100
101 13.1 0.0 34.6
203 17.9 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BF093019.D

Acq: 17 Feb 2017 19:14

Instrument :

BNA_F

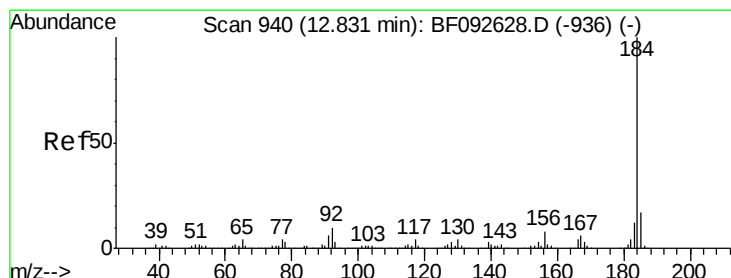
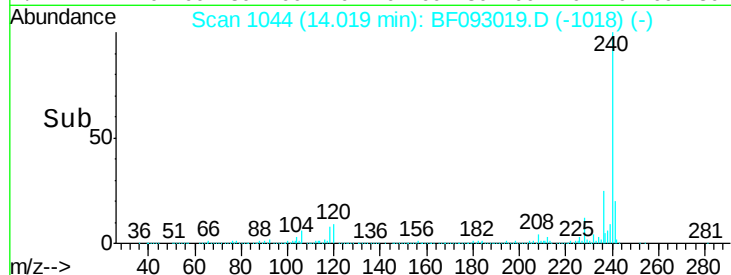
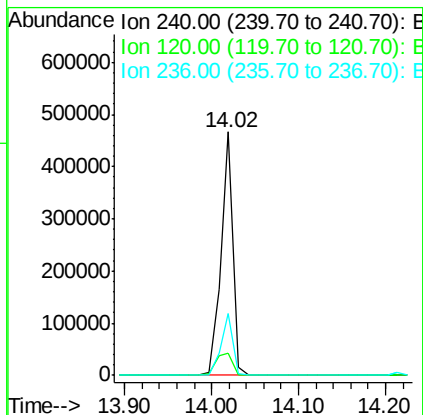
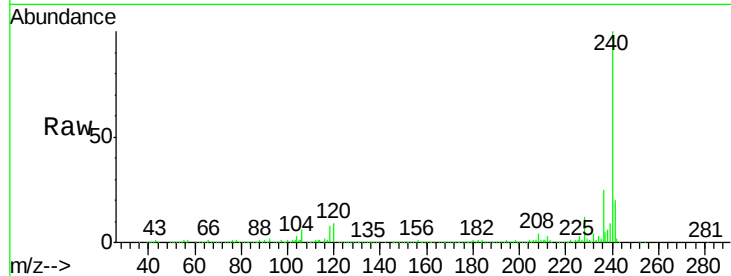
ClientSampleId :

M-3MSD

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.9	12.9	19.3#
236	25.4	20.9	31.3

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#76

Benzidine

Concen: 15.72 ng

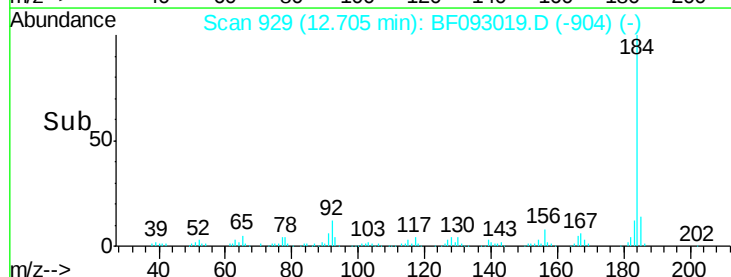
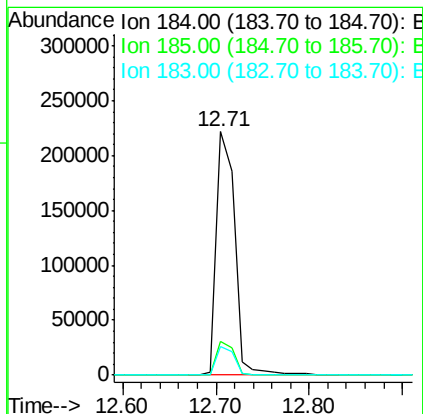
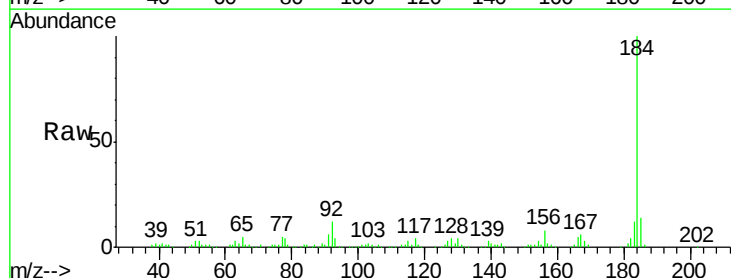
RT: 12.71 min Scan# 929

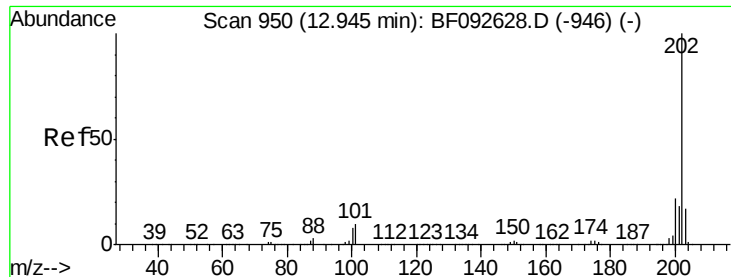
Delta R.T. -0.01 min

Lab File: BF093019.D

Acq: 17 Feb 2017 19:14

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.1	13.4	20.0
183	11.7	9.2	13.8





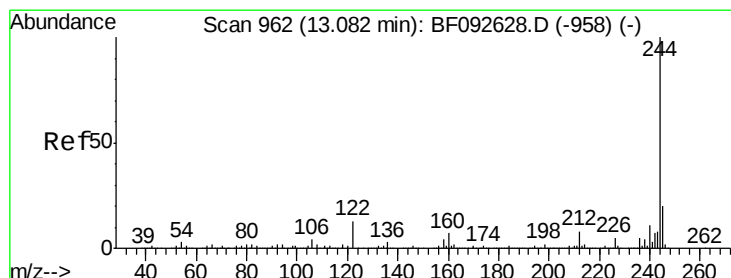
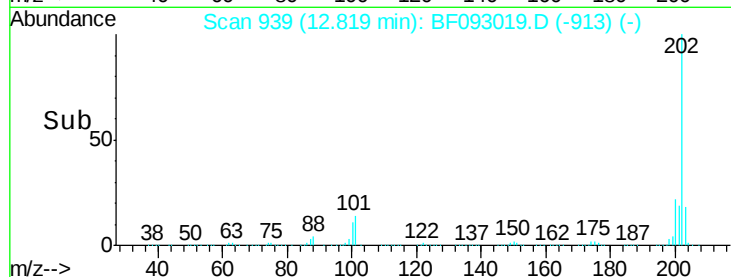
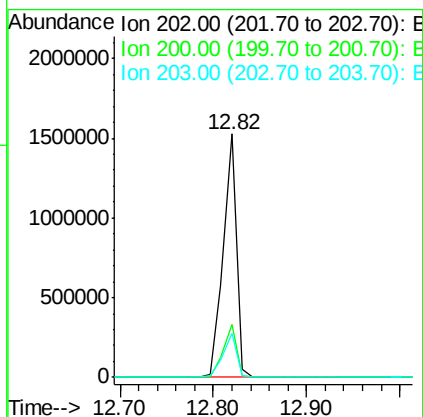
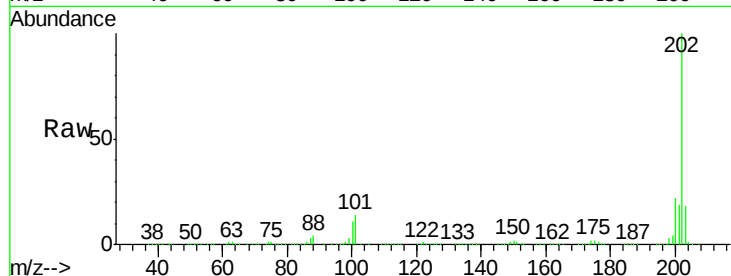
#77
 Pyrene
 Concen: 44.31 ng
 RT: 12.82 min Scan# 939
 Delta R.T. -0.00 min
 Lab File: BF093019.D
 Acq: 17 Feb 2017 19:14

Instrument :
 BNA_F
 ClientSampleId :
 M-3MSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.7	26.5
203	17.9	14.7	22.1

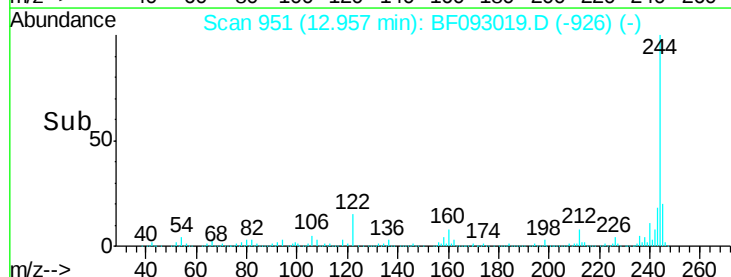
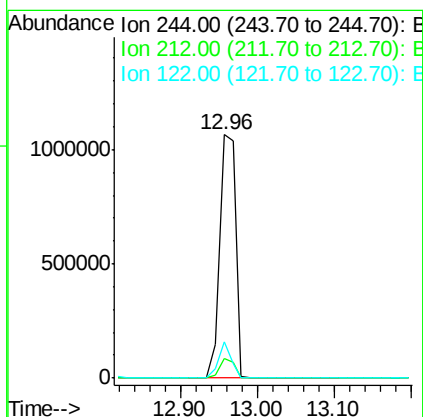
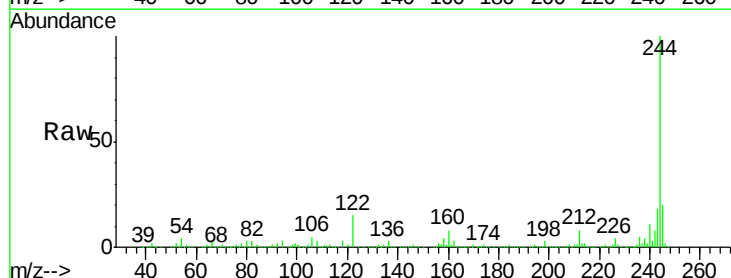
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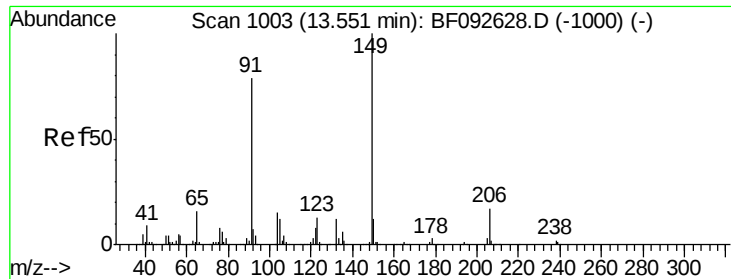
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#78
 Terphenyl-d14
 Concen: 81.11 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF093019.D
 Acq: 17 Feb 2017 19:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	14.9	11.4	17.2





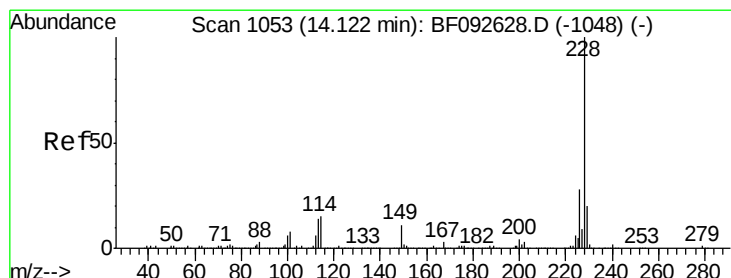
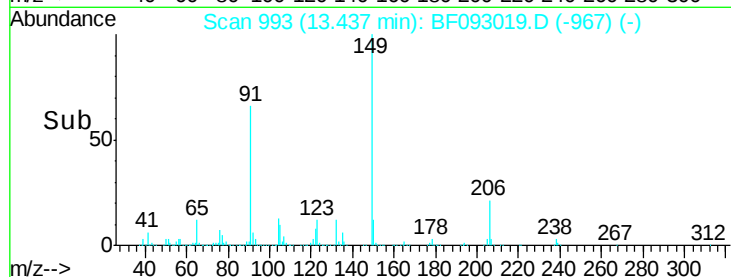
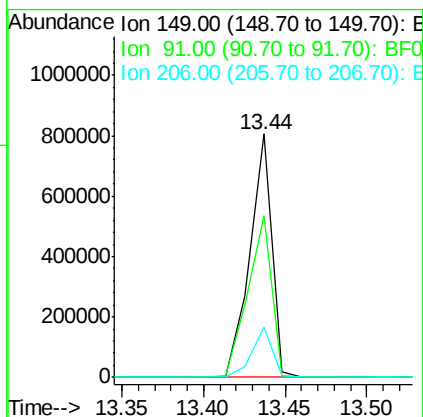
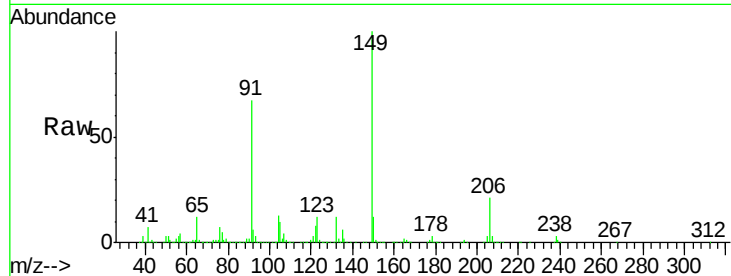
#79
Butylbenzylphthalate
Concen: 54.83 ng
RT: 13.44 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF093019.D
Acq: 17 Feb 2017 19:14

Instrument :
BNA_F
ClientSampleId :
M-3MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.5	63.9	95.9
206	20.5	14.6	21.8

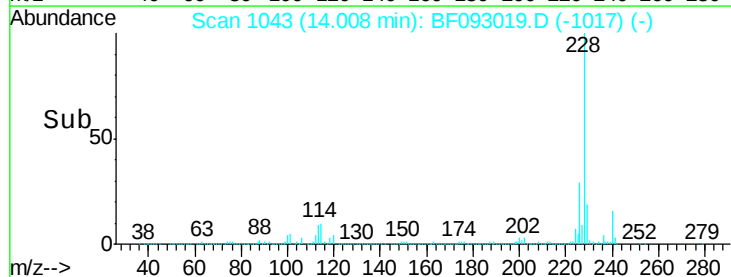
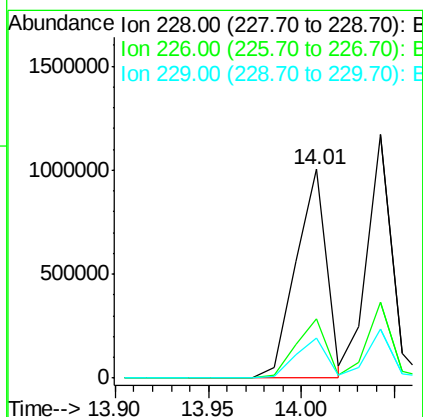
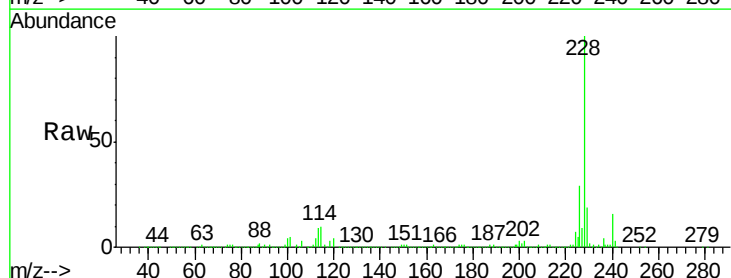
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#80
Benzo(a)anthracene
Concen: 41.76 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF093019.D
Acq: 17 Feb 2017 19:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.4	33.6
229	19.5	16.2	24.4





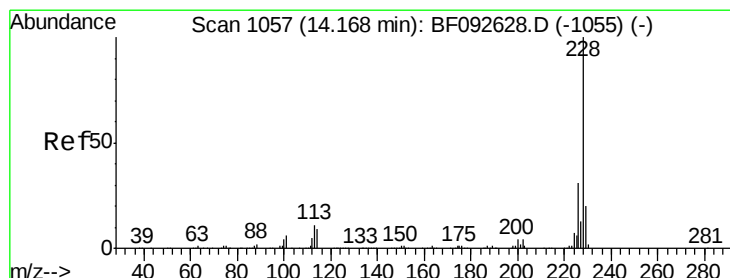
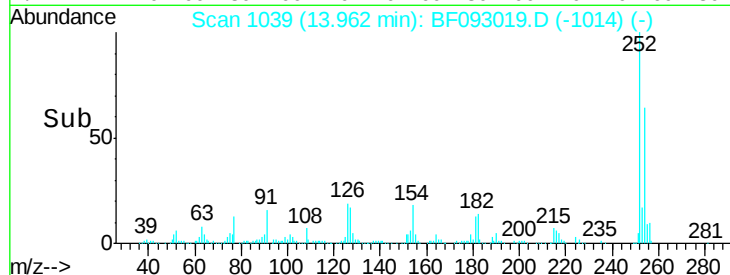
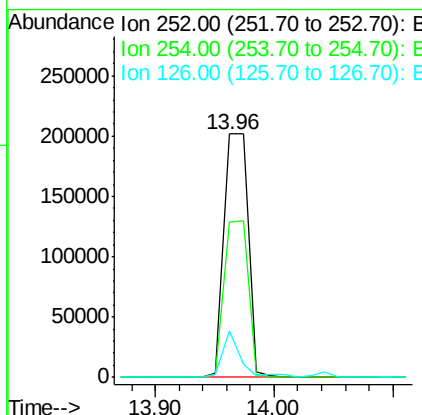
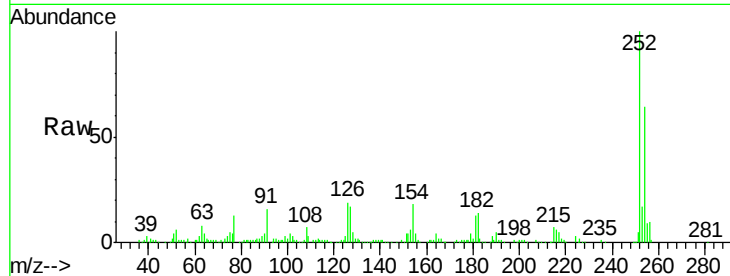
#81
 3,3'-Dichlorobenzidine
 Concen: 28.92 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF093019.D
 Acq: 17 Feb 2017 19:14

Instrument :
 BNA_F
 ClientSampled :
 M-3MSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	284713		
254	63.6	52.3	78.5	
126	19.3	13.6	20.4	

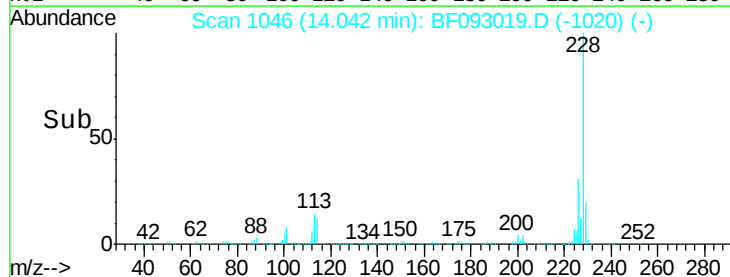
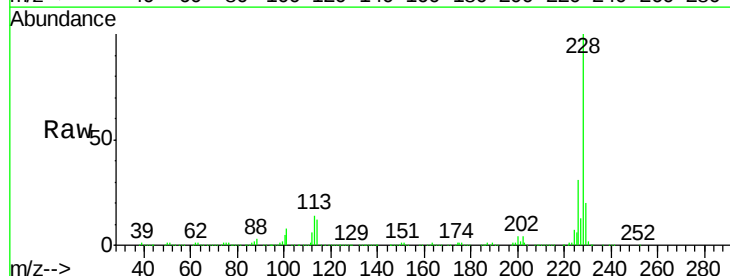
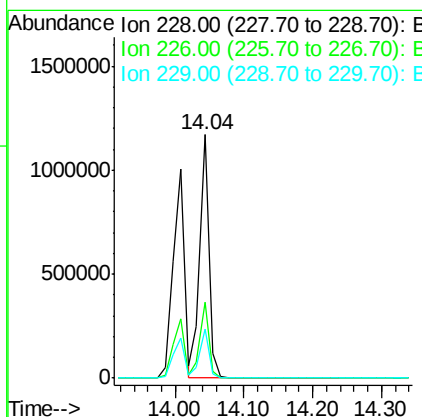
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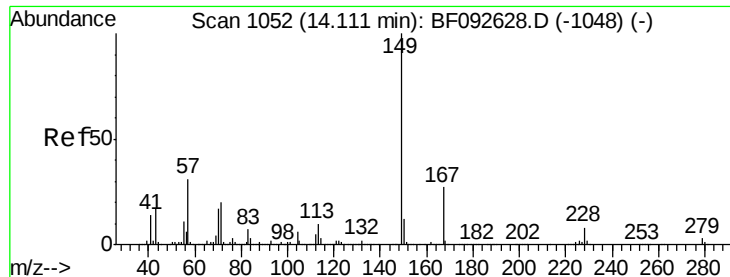
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#82
 Chrysene
 Concen: 41.41 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BF093019.D
 Acq: 17 Feb 2017 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1070716		
226	31.1	25.4	38.0	
229	20.2	16.2	24.2	





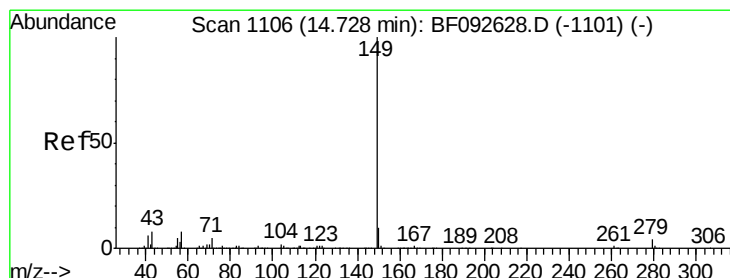
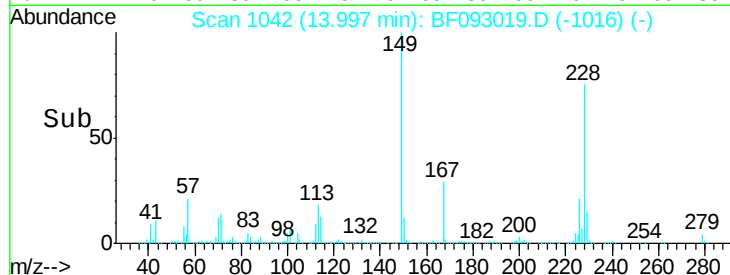
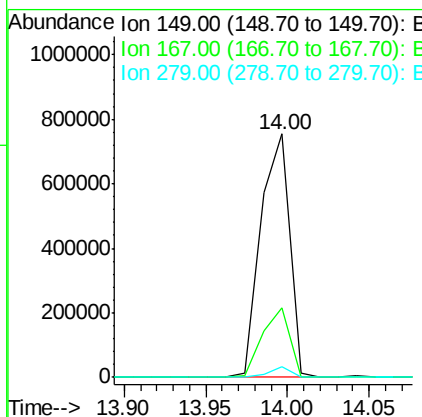
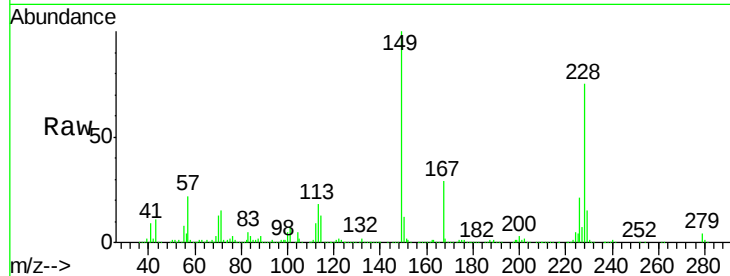
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.59 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF093019.D
 Acq: 17 Feb 2017 19:14

Instrument :
 BNA_F
 ClientSampleId :
 M-3MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	930615		
167	28.6	20.2	30.4	
279	4.3	1.8	2.8#	

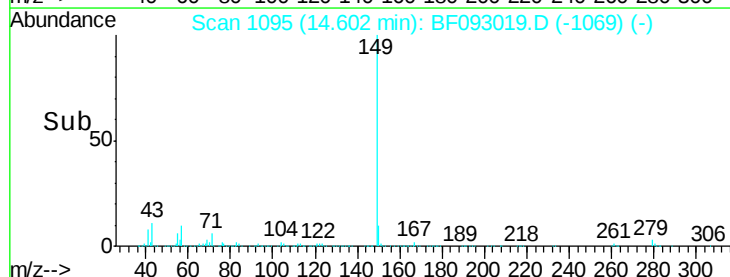
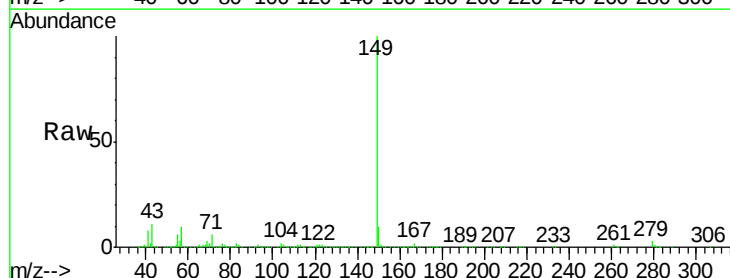
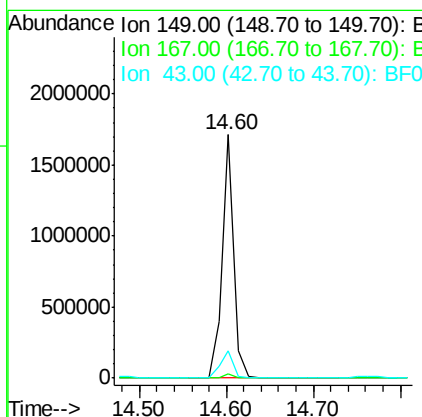
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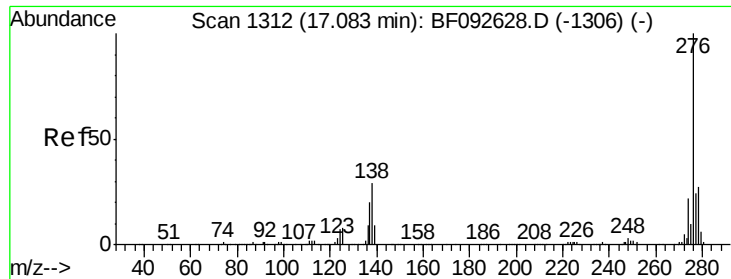
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#84
 Di-n-octyl phthalate
 Concen: 52.16 ng
 RT: 14.60 min Scan# 1095
 Delta R.T. -0.00 min
 Lab File: BF093019.D
 Acq: 17 Feb 2017 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1593947		
167	1.5	1.3	1.9	
43	12.0	8.9	13.3	





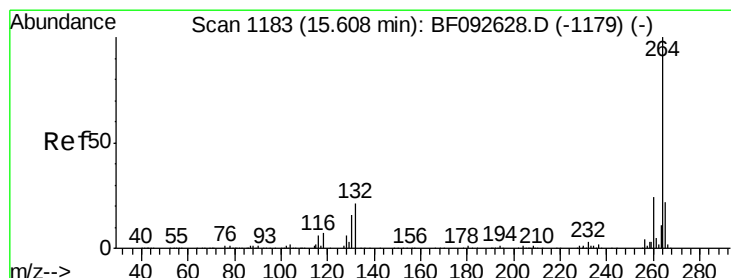
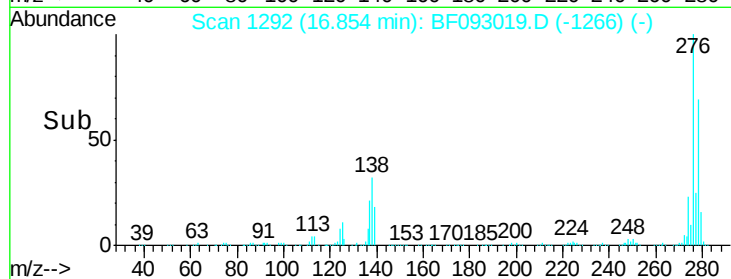
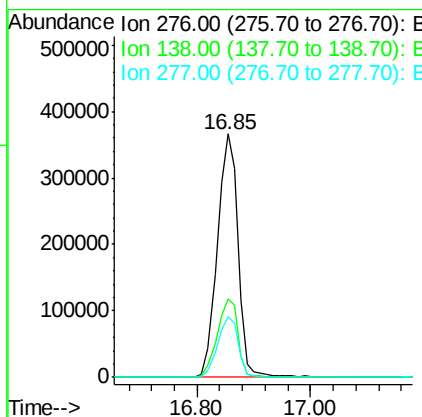
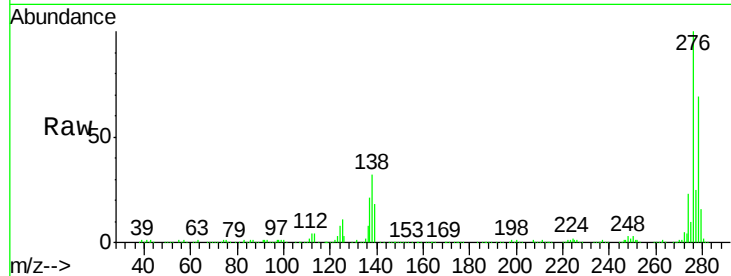
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.32 ng
 RT: 16.85 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: BF093019.D
 Acq: 17 Feb 2017 19:14

Instrument :
 BNA_F
 ClientSampleId :
 M-3MSD

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	927556		
138	32.4	21.8	32.6	
277	25.0	20.2	30.4	

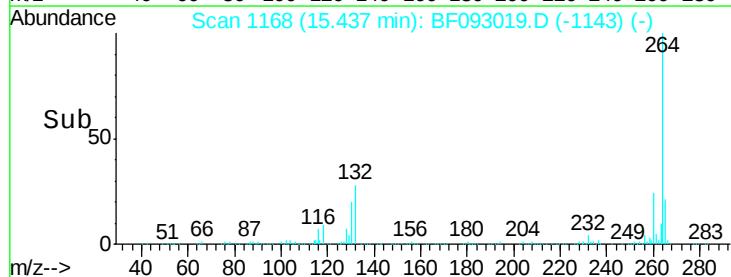
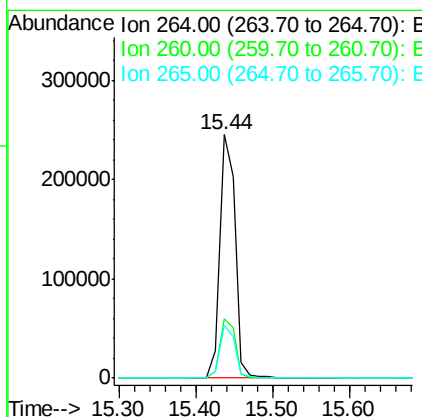
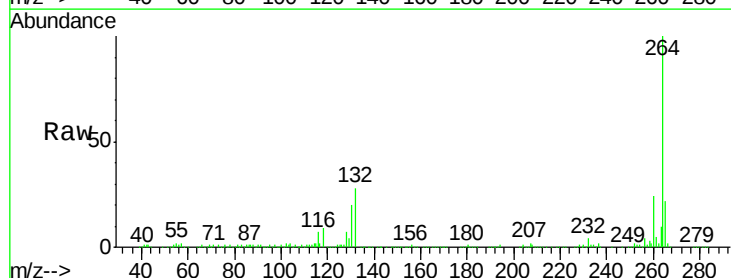
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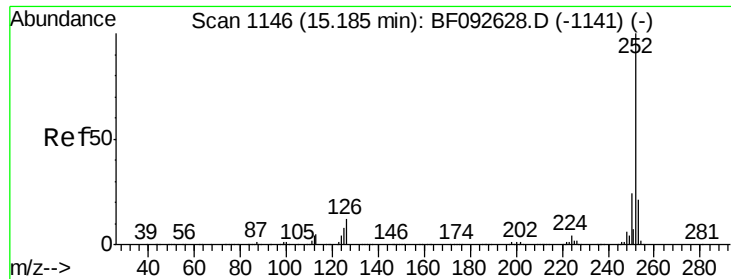
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF093019.D
 Acq: 17 Feb 2017 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	342858		
260	24.4	19.2	28.8	
265	21.6	17.4	26.0	





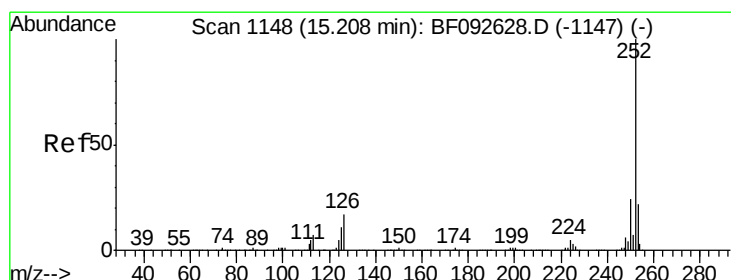
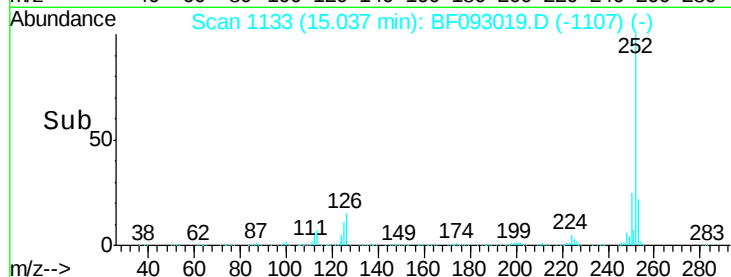
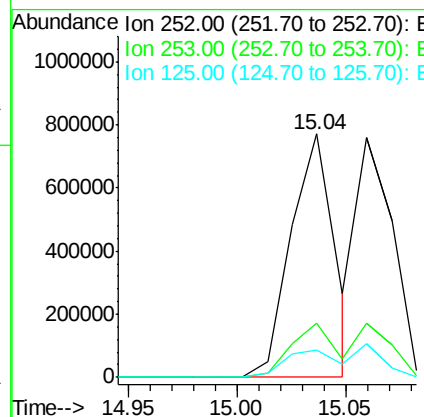
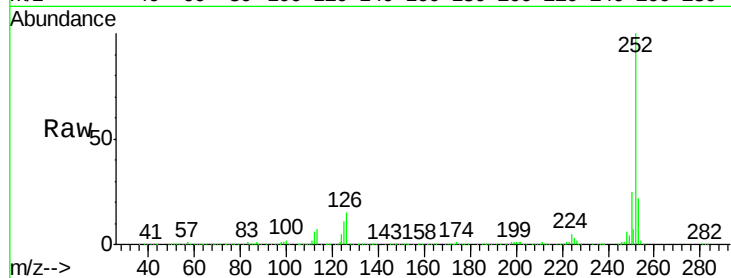
#87
Benzo(b)fluoranthene
Concen: 47.79 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BF093019.D
Acq: 17 Feb 2017 19:14

Instrument :
BNA_F
ClientSampled :
M-3MSD

Tgt Ion: 252 Resp: 1078375
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 11.1 9.8 14.6

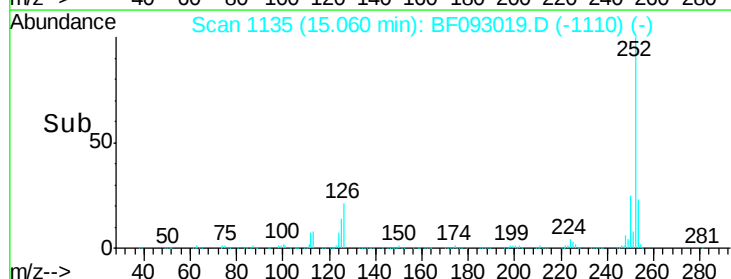
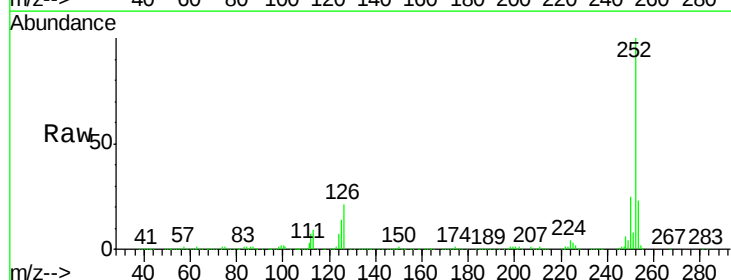
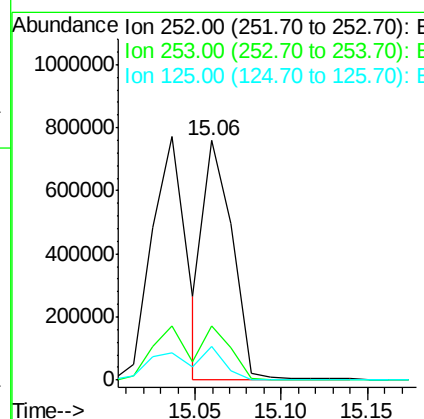
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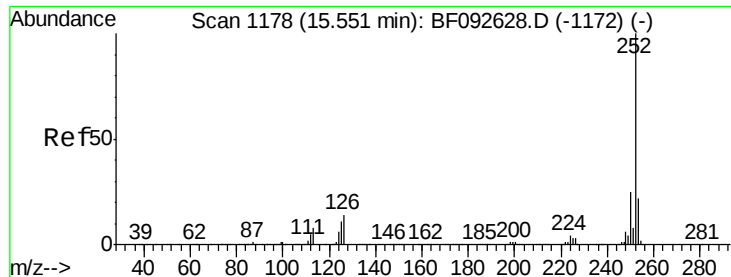
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#88
Benzo(k)fluoranthene
Concen: 45.84 ng m
RT: 15.06 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BF093019.D
Acq: 17 Feb 2017 19:14

Tgt Ion: 252 Resp: 893193
Ion Ratio Lower Upper
252 100
253 22.9 18.5 27.7
125 14.2 8.9 13.3#





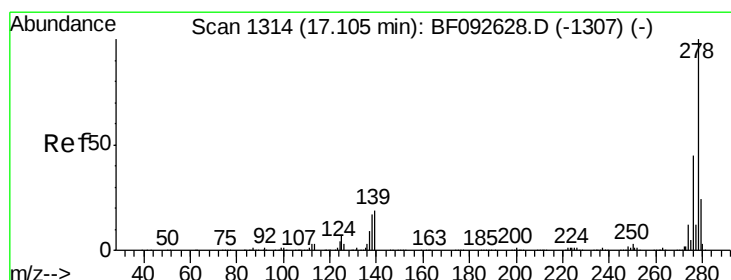
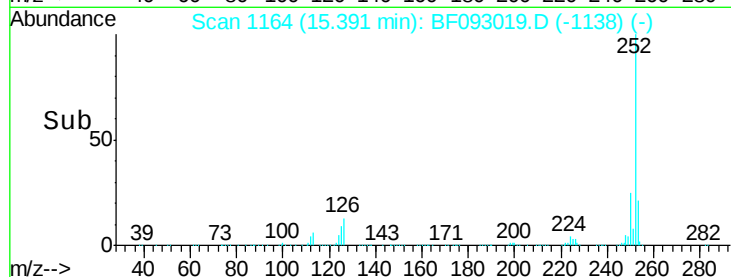
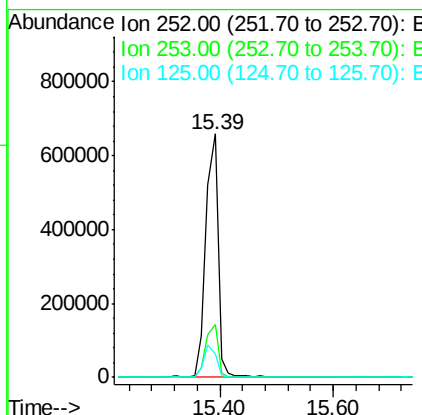
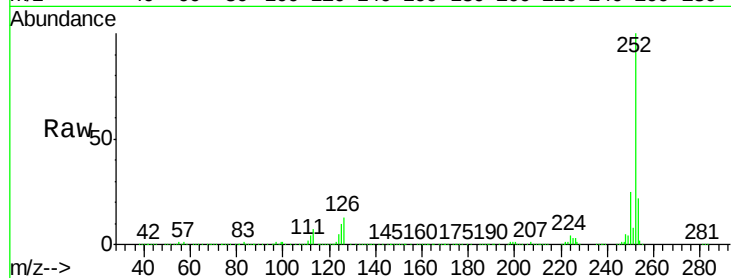
#89
Benzo(a)pyrene
Concen: 48.22 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF093019.D
Acq: 17 Feb 2017 19:14

Instrument :
BNA_F
ClientSampleId :
M-3MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.2
125	9.5	10.0	15.0

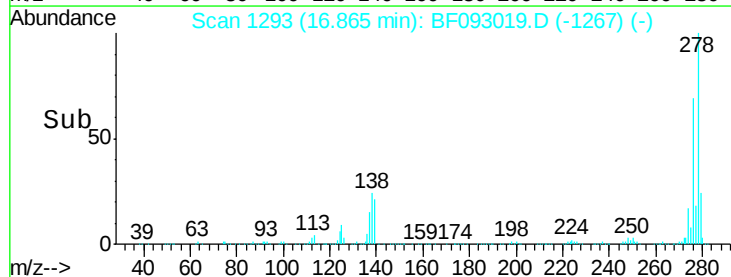
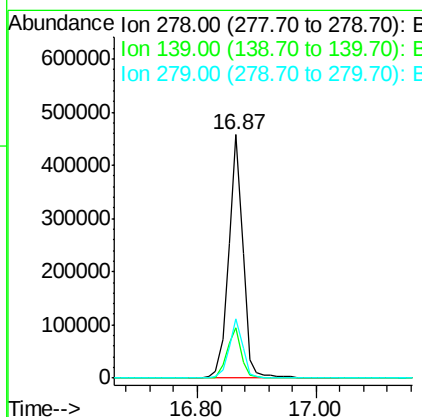
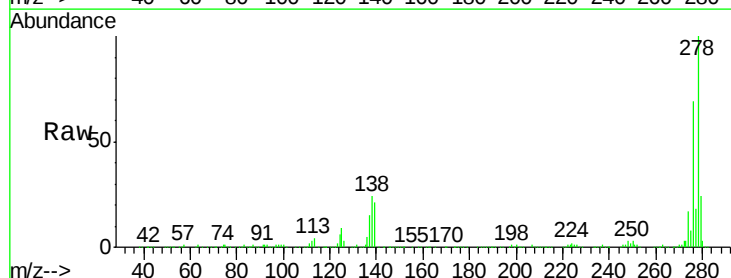
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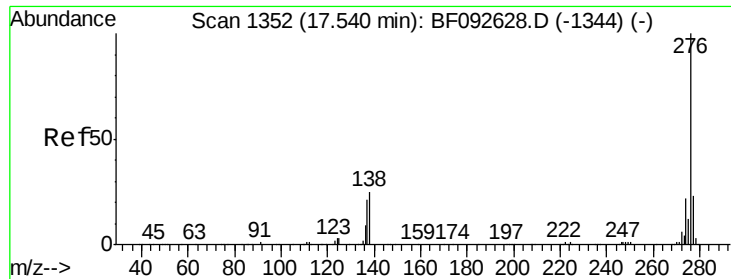
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#90
Dibenzo(a,h)anthracene
Concen: 48.23 ng
RT: 16.87 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF093019.D
Acq: 17 Feb 2017 19:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.7	14.8	22.2
279	24.2	19.8	29.6





#91
 Benzo(g,h,i)perylene
 Concen: 50.13 ng
 RT: 17.28 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF093019.D
 Acq: 17 Feb 2017 19:14

Instrument :
 BNA_F
 ClientSampleId :
 M-3MSD

Tgt Ion:	276	Resp:	799022
Ion Ratio	Lower	Upper	
276	100		
277	23.9	19.2	28.8
138	29.0	16.0	24.0

Manual Integrations
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