

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
 Data File : BF092899.D
 Acq On : 10 Feb 2017 22:39
 Operator : SJ/MA
 Sample : I1769-02MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 9717MSD

Manual Integrations
 APPROVED

mohammad
 2/13/2017 12:40:57 PM

Quant Time: Feb 11 00:26:22 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 10 23:31:14 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	160268	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	673713	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	357769	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	576452	20.00	ng	0.00
75) Chrysene-d12	14.07	240	476173	20.00	ng	0.00
86) Perylene-d12	15.51	264	347903	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1148232	122.91	ng	0.02
7) Phenol-d6	6.54	99	1365177	113.58	ng	0.01
23) Nitrobenzene-d5	7.47	82	979186	80.94	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	366616	141.68	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1730347	87.62	ng	0.00
78) Terphenyl-d14	13.01	244	1598922	78.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	157762	31.25	ng	# 74
3) Pyridine	3.38	79	352601	27.47	ng	# 85
4) n-Nitrosodimethylamine	3.31	42	229912	38.15	ng	# 87
6) Aniline	6.56	93	226298	13.80	ng	# 1
8) 2-Chlorophenol	6.68	128	431967	41.91	ng	# 92
9) Benzaldehyde	6.44	77	138310	16.06	ng	# 99
10) Phenol	6.56	94	590424	41.98	ng	# 76
11) bis(2-Chloroethyl)ether	6.64	93	437368	38.96	ng	# 94
12) 1,3-Dichlorobenzene	6.84	146	471887	39.09	ng	# 98
13) 1,4-Dichlorobenzene	6.91	146	461589	37.78	ng	# 98
14) 1,2-Dichlorobenzene	7.07	146	468954	40.14	ng	# 96
15) Benzyl Alcohol	7.05	79	393481	44.22	ng	# 97
16) 2,2'-oxybis(1-Chloropropan	7.18	45	804770	41.27	ng	# 95
17) 2-Methylphenol	7.16	107	379035	42.87	ng	# 95
18) Hexachloroethane	7.41	117	164843	39.53	ng	# 97
19) n-Nitroso-di-n-propylamine	7.32	70	339806	44.41	ng	# 99
20) 3+4-Methylphenols	7.32	107	462793	43.78	ng	# 93
22) Acetophenone	7.31	105	610595	39.70	ng	# 96
24) Nitrobenzene	7.49	77	492852	39.67	ng	# 78
25) Isophorone	7.73	82	957073	42.45	ng	# 98
26) 2-Nitrophenol	7.80	139	246780	41.79	ng	# 98
27) 2,4-Dimethylphenol	7.85	122	451693	43.55	ng	# 96
28) bis(2-Chloroethoxy)methane	7.94	93	622530	41.69	ng	# 99
29) 2,4-Dichlorophenol	8.05	162	426796	44.13	ng	# 98
30) 1,2,4-Trichlorobenzene	8.13	180	422117	40.50	ng	# 99
31) Naphthalene	8.21	128	1359287	39.80	ng	# 98
32) Benzoic acid	7.98	122	217127	38.60	ng	# 97
33) 4-Chloroaniline	8.26	127	139912	10.45	ng	# 99
34) Hexachlorobutadiene	8.33	225	229222	39.97	ng	# 98
35) Caprolactam	8.66	113	107858	35.45	ng	# 43
36) 4-Chloro-3-methylphenol	8.75	107	424773	42.12	ng	# 98
37) 2-Methylnaphthalene	8.90	142	881555	40.20	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	415189	41.34	ng	# 99
40) Hexachlorocyclopentadiene	9.05	237	293711	64.82	ng	# 96

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Quant Time: Feb 11 00:26:22 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 10 23:31:14 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	311230	47.16	ng	93
43) 2,4,5-Trichlorophenol	9.23	196	326642m	45.18	ng	
45) 1,1'-Biphenyl	9.37	154	1142033	44.08	ng	100
46) 2-Chloronaphthalene	9.39	162	912247	45.01	ng	98
47) 2-Nitroaniline	9.49	65	297519	43.66	ng	# 69
48) Acenaphthylene	9.80	152	1318341	37.66	ng	99
49) Dimethylphthalate	9.66	163	1070788	44.43	ng	98
50) 2,6-Dinitrotoluene	9.73	165	246773	47.42	ng	96
51) Acenaphthene	9.97	154	856645	40.93	ng	97
52) 3-Nitroaniline	9.89	138	89211	14.98	ng	93
53) 2,4-Dinitrophenol	10.01	184	172206	65.93	ng	# 67
54) Dibenzofuran	10.14	168	1179546	42.13	ng	98
55) 4-Nitrophenol	10.08	139	300466	70.05	ng	91
56) 2,4-Dinitrotoluene	10.13	165	274935	39.68	ng	96
57) Fluorene	10.49	166	876797	40.71	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.27	232	244938	50.78	ng	96
59) Diethylphthalate	10.36	149	992144	43.69	ng	99
60) 4-Chlorophenyl-phenylether	10.48	204	408722	39.50	ng	97
61) 4-Nitroaniline	10.52	138	238489	39.10	ng	82
62) Azobenzene	10.64	77	1071013	45.65	ng	97
64) 4,6-Dinitro-2-methylphenol	10.54	198	143774	41.37	ng	# 73
65) n-Nitrosodiphenylamine	10.60	169	791871	43.00	ng	100
66) 4-Bromophenyl-phenylether	10.97	248	247473	41.09	ng	94
67) Hexachlorobenzene	11.04	284	250711	42.13	ng	# 90
68) Atrazine	11.14	200	264542	44.77	ng	90
69) Pentachlorophenol	11.24	266	276631	89.14	ng	99
70) Phenanthrene	11.45	178	1313649	39.78	ng	99
71) Anthracene	11.50	178	1378406	41.56	ng	99
72) Carbazole	11.66	167	1330762	41.98	ng	98
73) Di-n-butylphthalate	11.98	149	1478657	43.13	ng	98
74) Fluoranthene	12.64	202	1276722	37.48	ng	98
76) Benzidine	12.76	184	308002	15.18	ng	96
77) Pyrene	12.87	202	1271311	35.68	ng	99
79) Butylbenzylphthalate	13.48	149	623956	43.12	ng	93
80) Benzo(a)anthracene	14.05	228	1113642	38.24	ng	100
81) 3,3'-Dichlorobenzidine	14.02	252	245727	23.67	ng	# 95
82) Chrysene	14.09	228	919835	33.73	ng	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	910726	46.02	ng	# 96
84) Di-n-octyl phthalate	14.65	149	1431818	44.43	ng	100
85) Indeno(1,2,3-cd)pyrene	16.95	276	884977	41.90	ng	95
87) Benzo(b)fluoranthene	15.09	252	996966	43.54	ng	97
88) Benzo(k)fluoranthene	15.12	252	864934m	43.75	ng	
89) Benzo(a)pyrene	15.45	252	869663	43.91	ng	97
90) Dibenzo(a,h)anthracene	16.96	278	740545	46.26	ng	95
91) Benzo(g,h,i)perylene	17.38	276	743139	45.95	ng	# 92

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

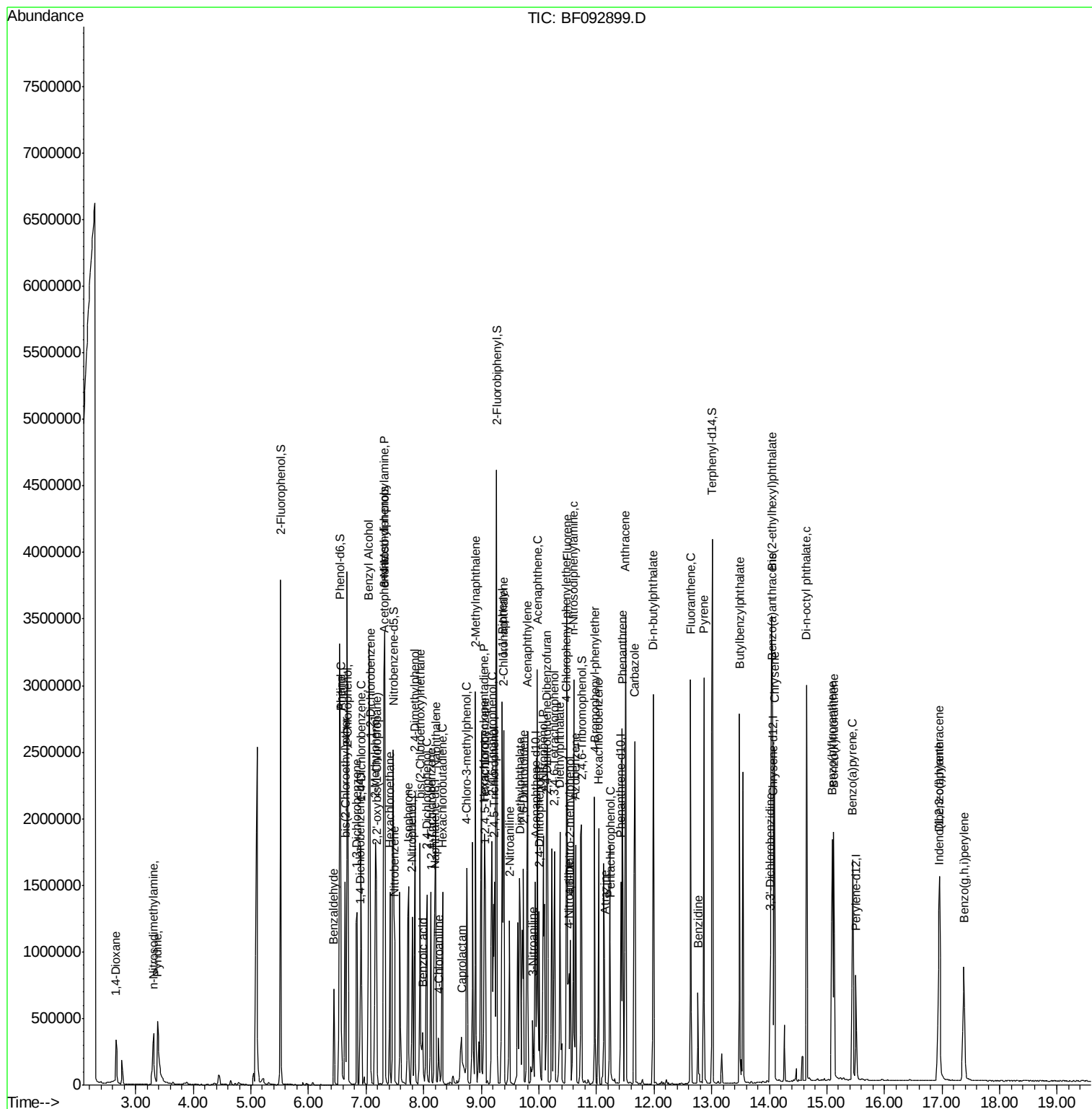
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\  
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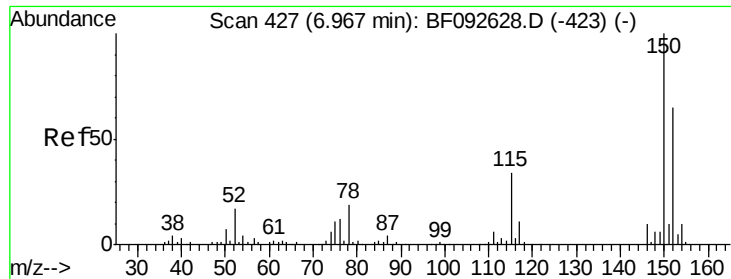
Instrument :
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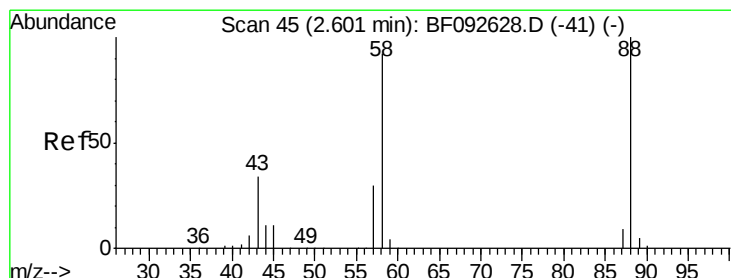
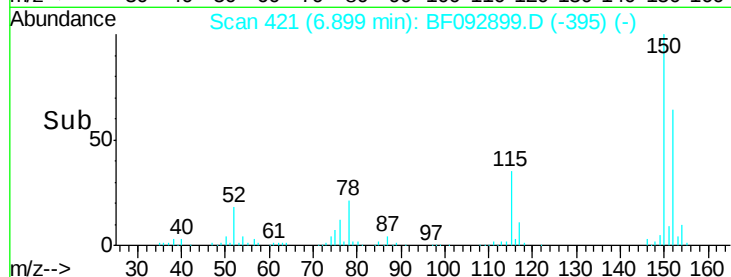
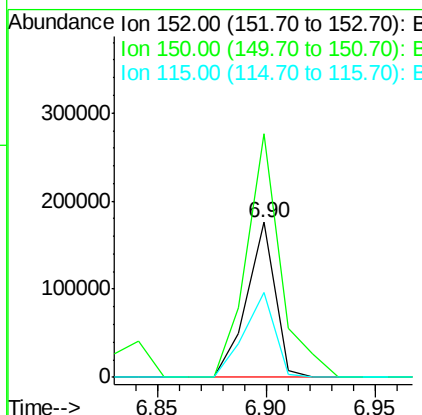
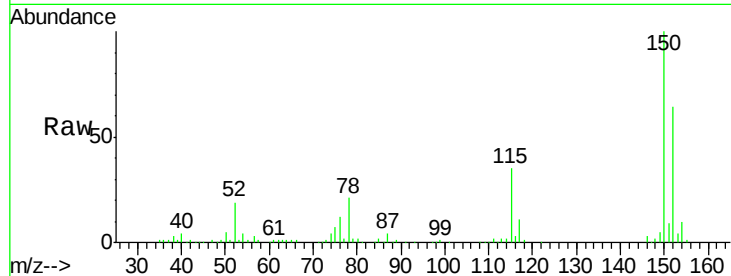
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: BF092899.D
 Acq: 10 Feb 2017 22:39

Instrument :
 BNA_F
 ClientSampleId :
 9717MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.9	187.3
115	55.2	46.0	69.0

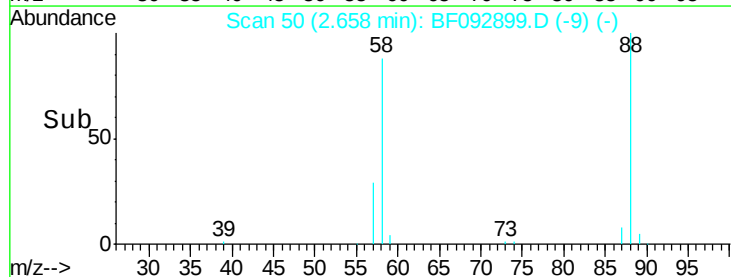
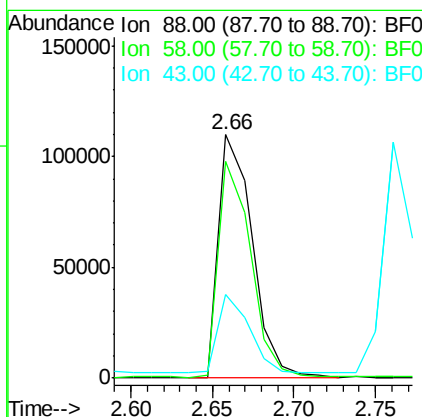
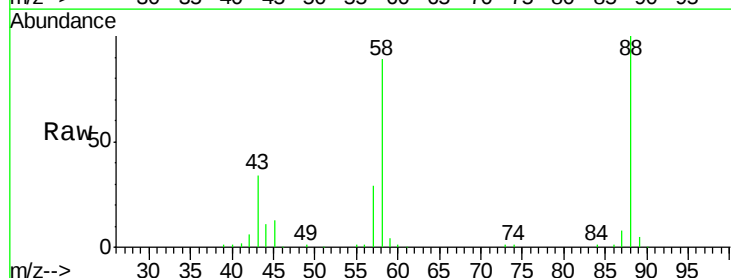
Manual Integrations
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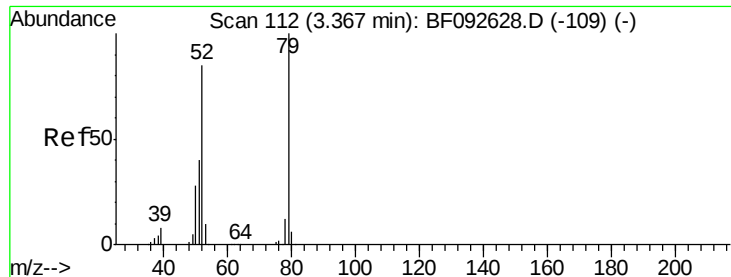
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#2
 1,4-Dioxane
 Concen: 31.25 ng
 RT: 2.66 min Scan# 50
 Delta R.T. 0.17 min
 Lab File: BF092899.D
 Acq: 10 Feb 2017 22:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.1	57.8	86.8
43	0.0	22.3	33.5#





#3

Pyridine

Concen: 27.47 ng

RT: 3.38 min Scan# 113

Delta R.T. 0.16 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

Instrument :

BNA_F

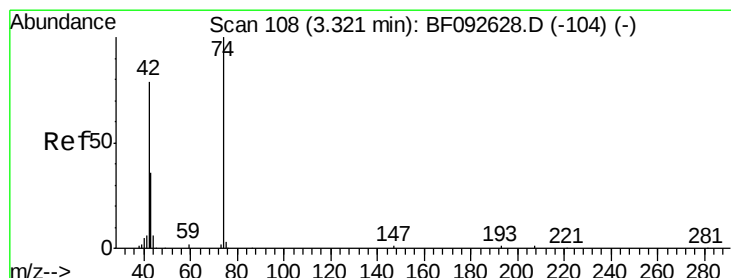
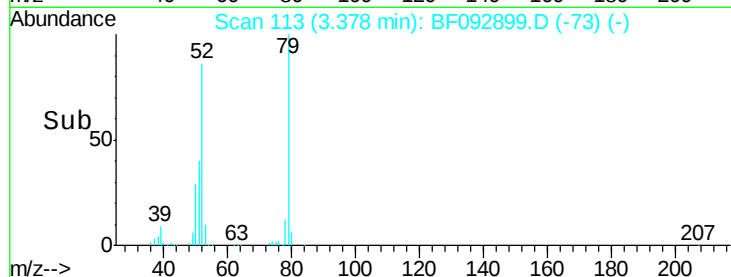
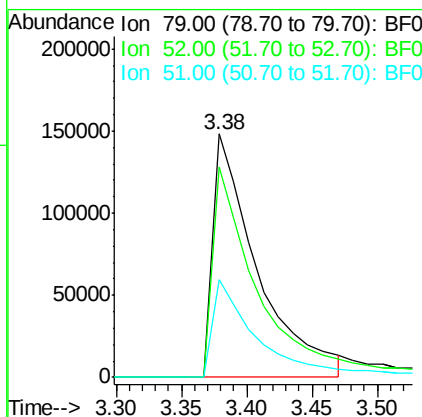
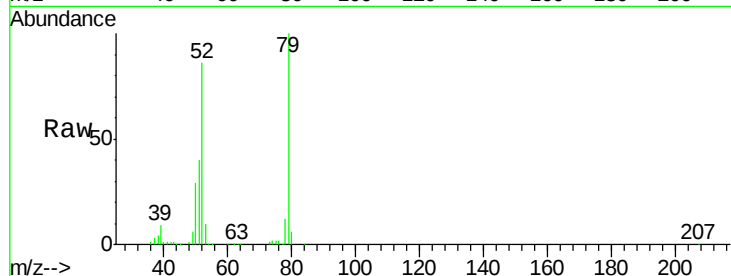
ClientSampleId :

9717MSD

Tgt Ion:	79	Resp:	352601
Ion Ratio	Lower	Upper	
79	100		
52	86.2	57.1	85.7#
51	40.1	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 38.15 ng

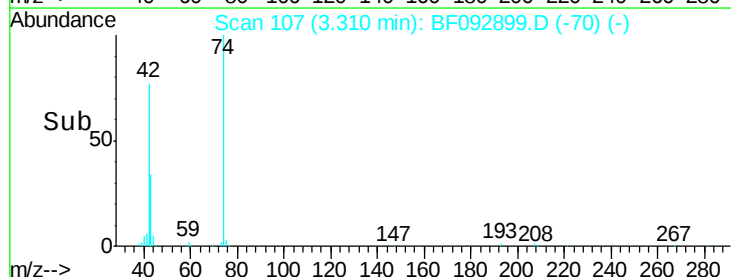
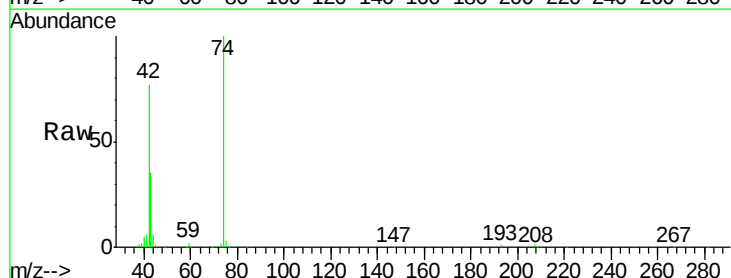
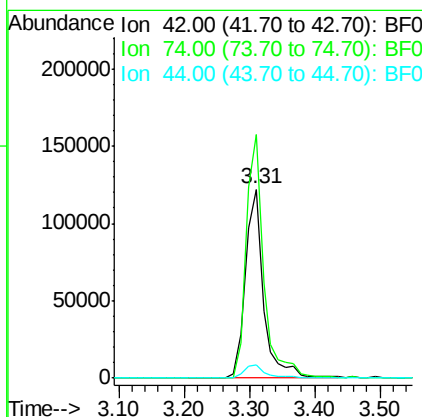
RT: 3.31 min Scan# 107

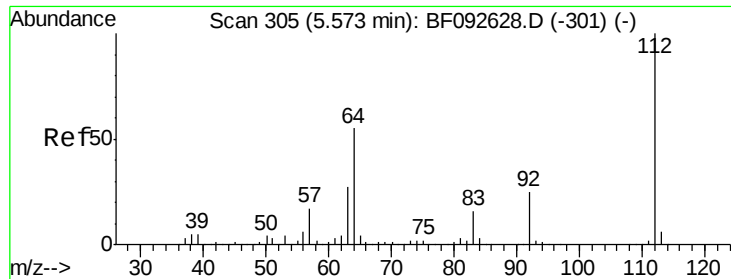
Delta R.T. 0.13 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

Tgt Ion:	42	Resp:	229912
Ion Ratio	Lower	Upper	
42	100		
74	129.1	117.0	175.4
44	7.3	5.5	8.3





#5

2-Fluorophenol

Concen: 122.91 ng

RT: 5.52 min Scan# 300

Delta R.T. 0.02 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

Instrument :

BNA_F

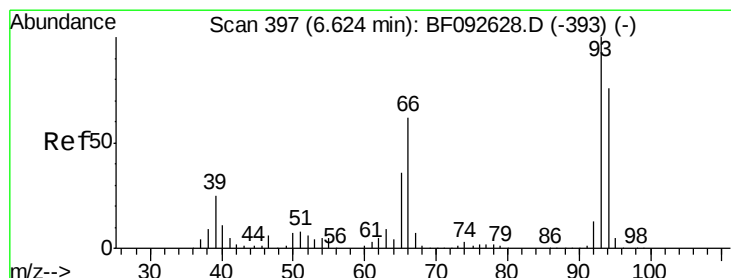
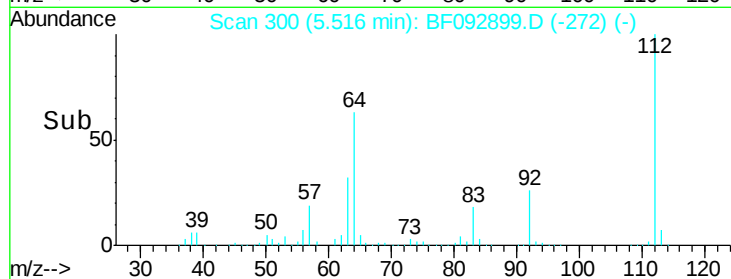
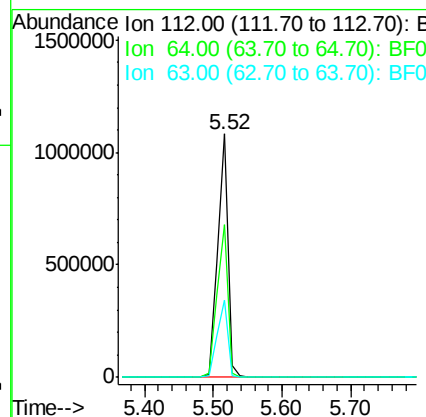
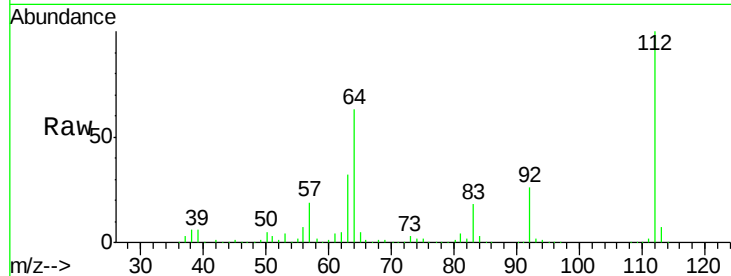
ClientSampled :

9717MSD

Tgt Ion:	112	Resp:	1148232
Ion	Ratio	Lower	Upper
112	100		
64	62.8	46.1	69.1
63	31.6	23.8	35.6

Manual Integrations
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#6

Aniline

Concen: 13.80 ng

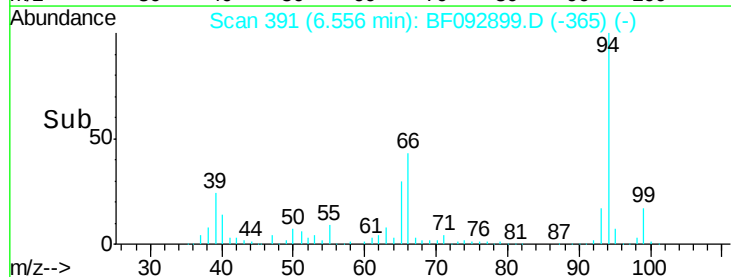
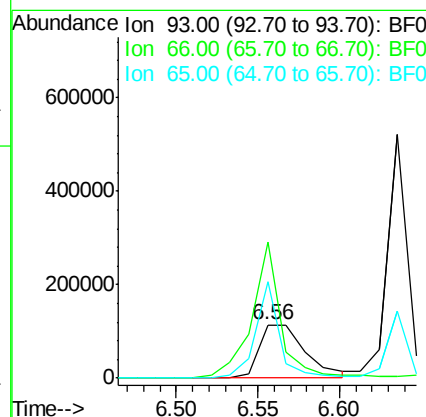
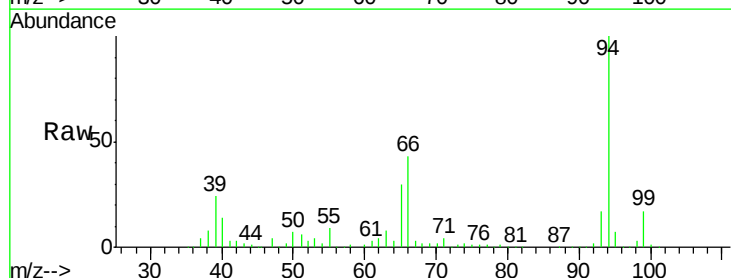
RT: 6.56 min Scan# 391

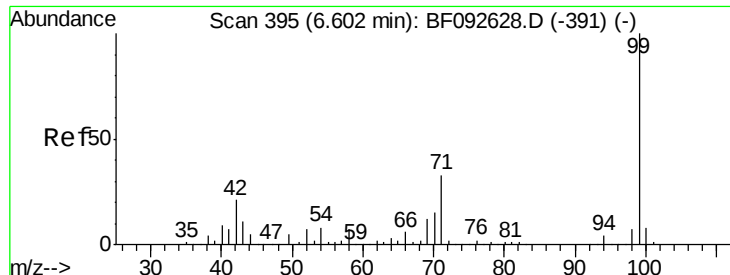
Delta R.T. 0.00 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

Tgt Ion:	93	Resp:	226298
Ion	Ratio	Lower	Upper
93	100		
66	256.6	76.2	114.2#
65	181.7	49.3	73.9#





#7

Phenol-d6

Concen: 113.58 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

Instrument :

BNA_F

ClientSampled :

9717MSD

Tgt Ion: 99 Resp: 1365177

Ion Ratio Lower Upper

99 100

42 19.1 15.6 23.4

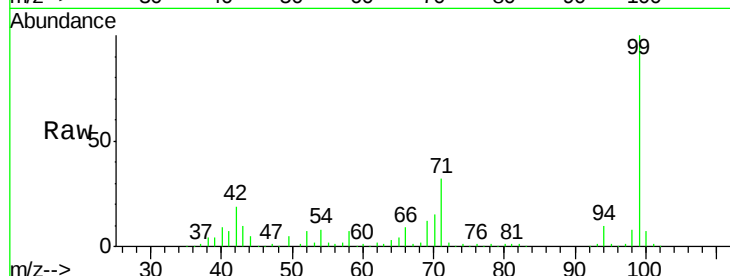
71 32.0 27.5 41.3

Manual Integrations

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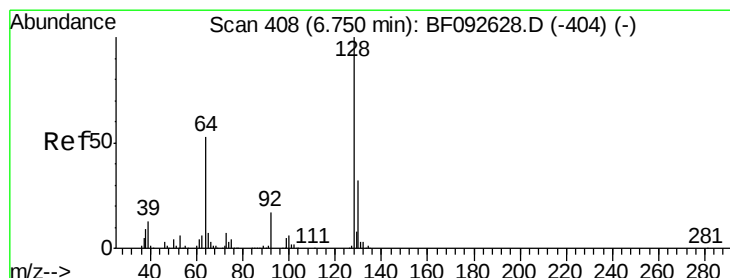
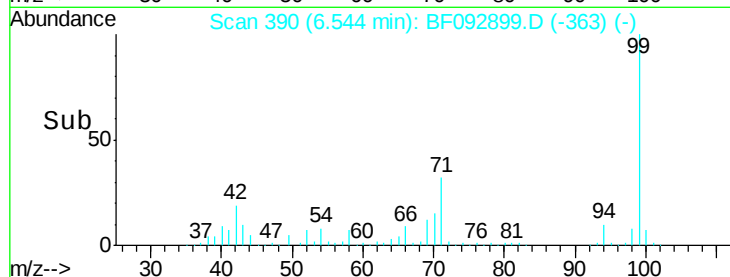
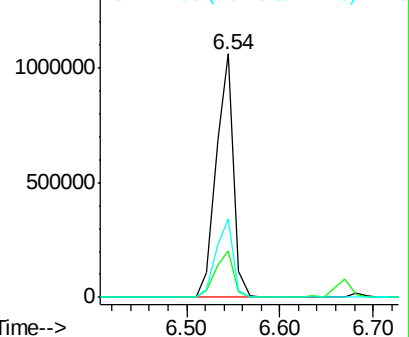
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.91 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

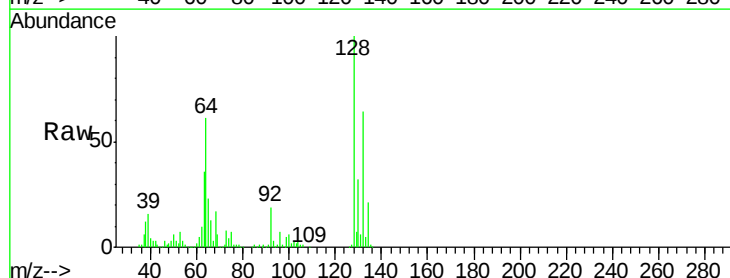
Tgt Ion: 128 Resp: 431967

Ion Ratio Lower Upper

128 100

130 31.8 12.3 52.3

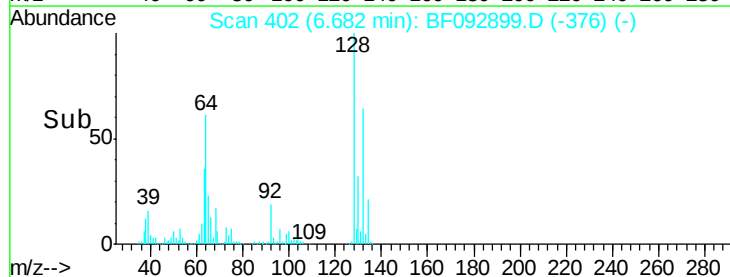
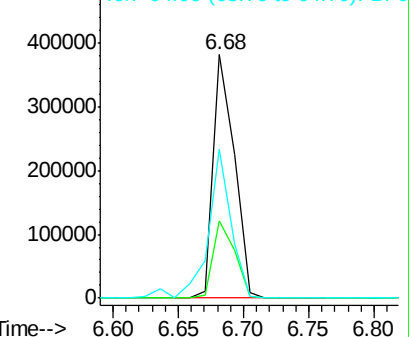
64 61.3 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





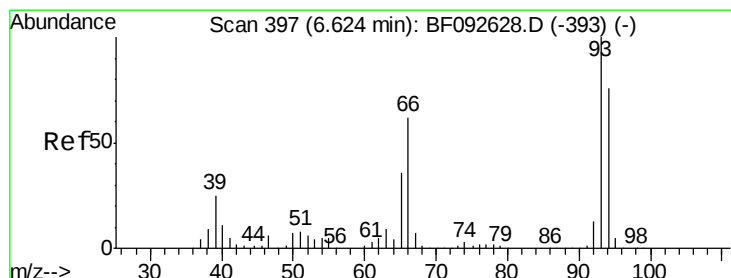
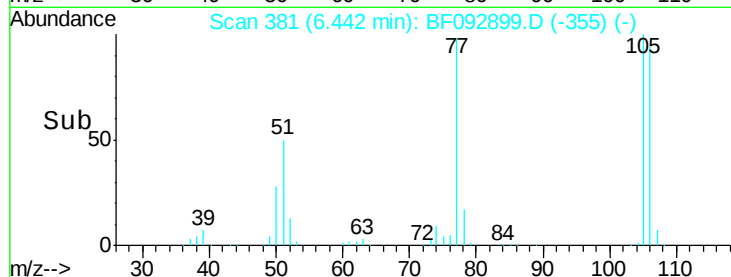
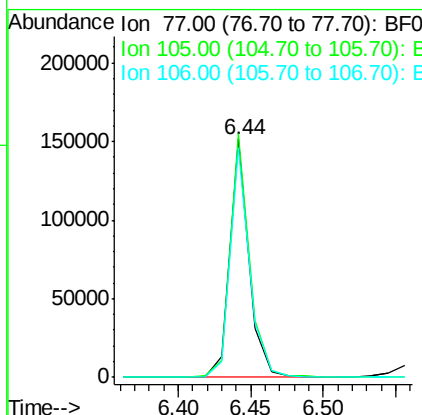
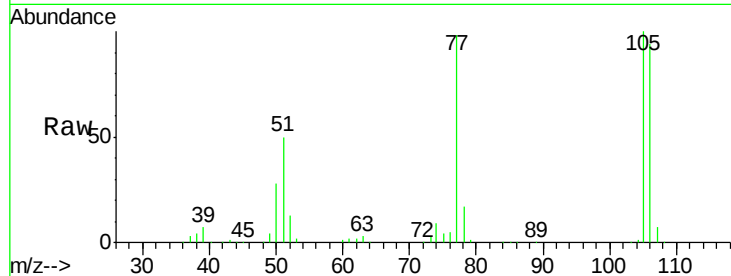
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Benzaldehyde
Concen: 16.06 ng
RT: 6.44 min Scan# 381
Delta R.T. 0.00 min
Lab File: BF092899.D
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ClientSampleId :
9717MSD

Tgt Ion	Ratio	Lower	Upper
77	100		
105	102.3	83.9	123.9
106	96.7	77.6	117.6

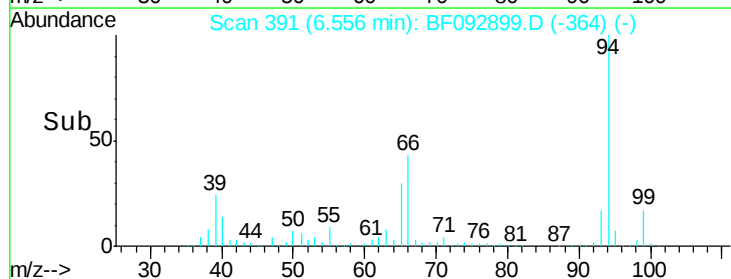
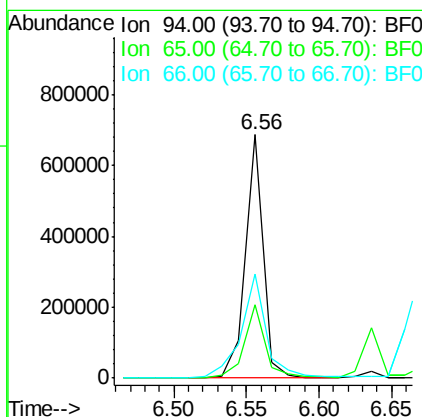
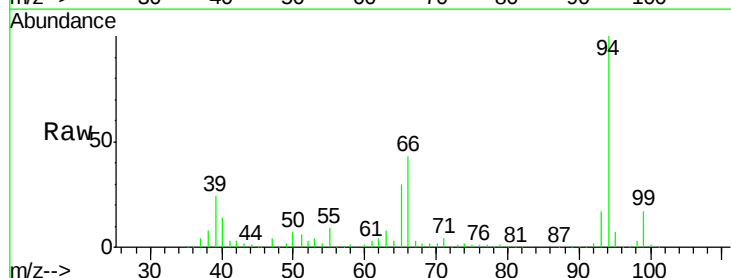
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#10
Phenol
Concen: 41.98 ng
RT: 6.56 min Scan# 391
Delta R.T. 0.01 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.2	21.4	61.4
66	42.6	44.0	84.0#





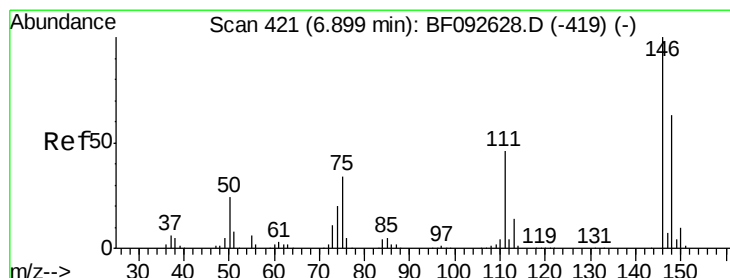
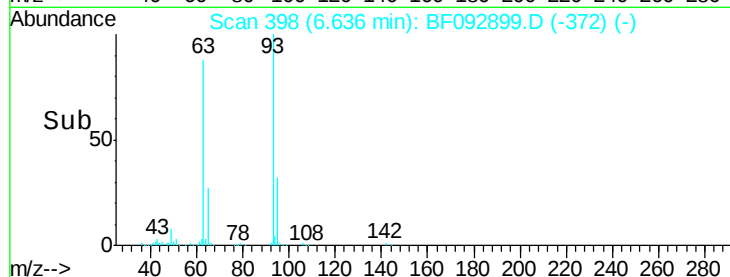
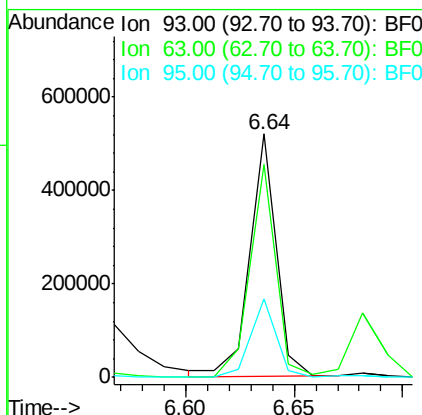
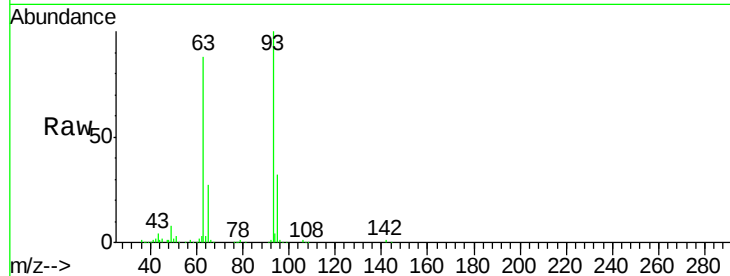
#11
bis(2-Chloroethyl)ether
Concen: 38.96 ng
RT: 6.64 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

Instrument :
BNA_F
ClientSampleId :
9717MSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	87.7	60.4	100.4
95	32.3	12.8	52.8

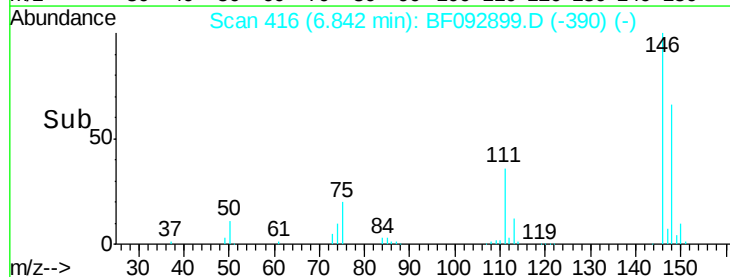
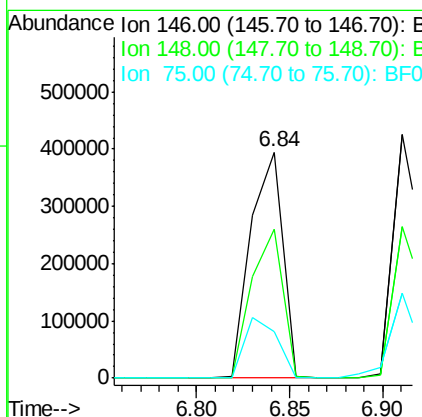
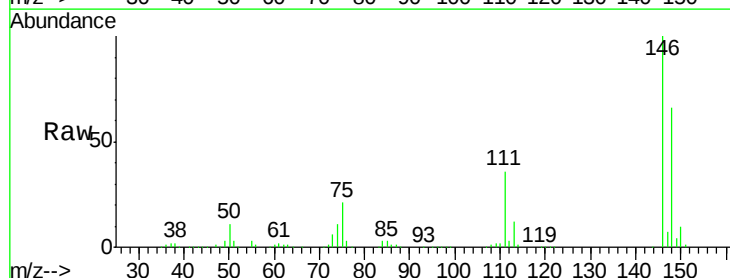
Manual Integrations
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#12
1,3-Dichlorobenzene
Concen: 39.09 ng
RT: 6.84 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	53.4	80.0
75	20.7	18.5	27.7





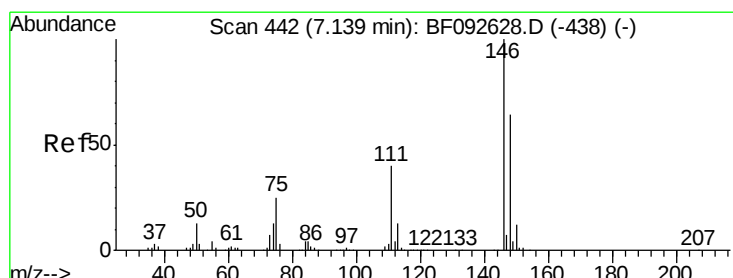
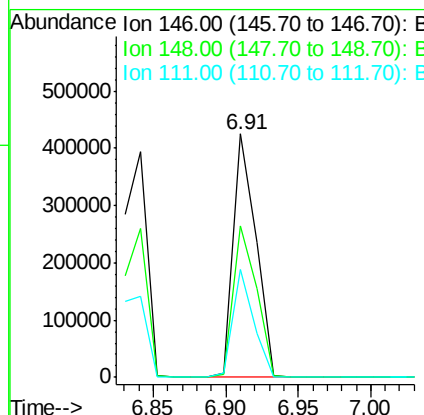
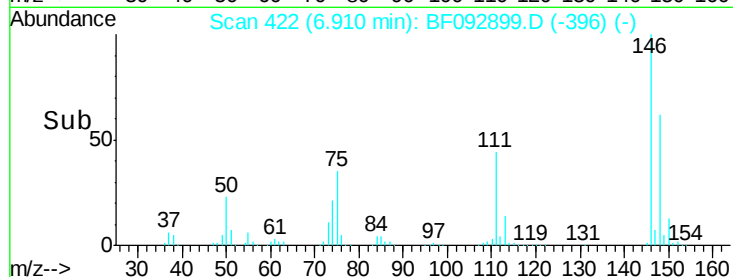
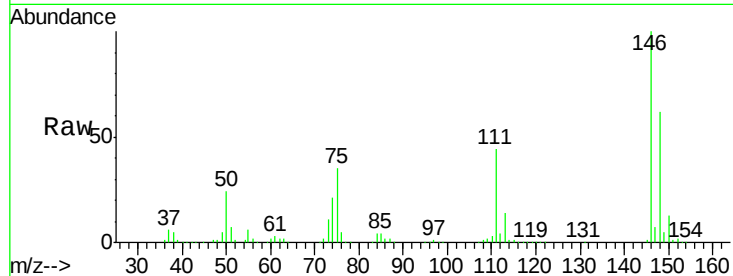
#13
 1,4-Dichlorobenzene
 Concen: 37.78 ng
 RT: 6.91 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BF092899.D
 Acq: 10 Feb 2017 22:39

Instrument :
 BNA_F
 ClientSampleId :
 9717MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.1	50.6	76.0
111	44.2	36.2	54.4

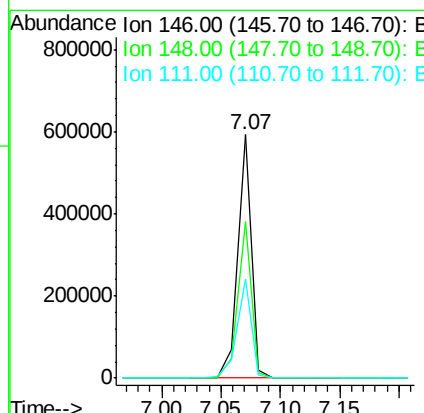
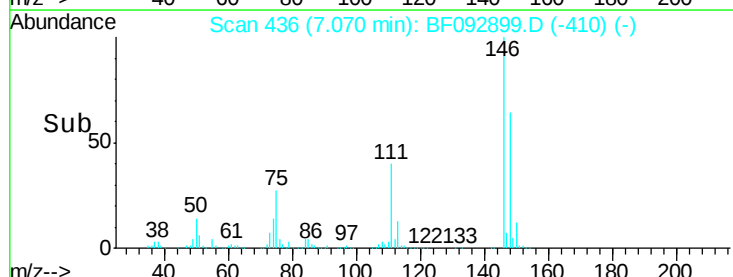
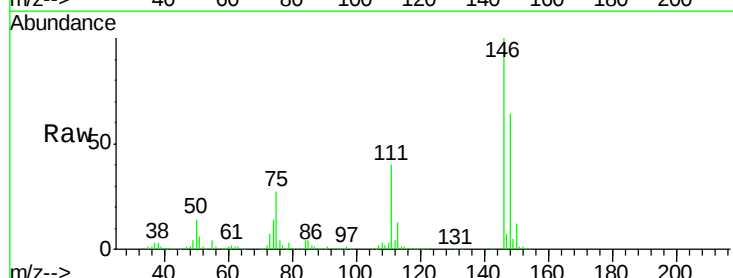
Manual Integrations
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#14
 1,2-Dichlorobenzene
 Concen: 40.14 ng
 RT: 7.07 min Scan# 436
 Delta R.T. 0.00 min
 Lab File: BF092899.D
 Acq: 10 Feb 2017 22:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.2	78.2
111	40.5	36.2	54.2





#15

Benzyl Alcohol

Concen: 44.22 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

Instrument :

BNA_F

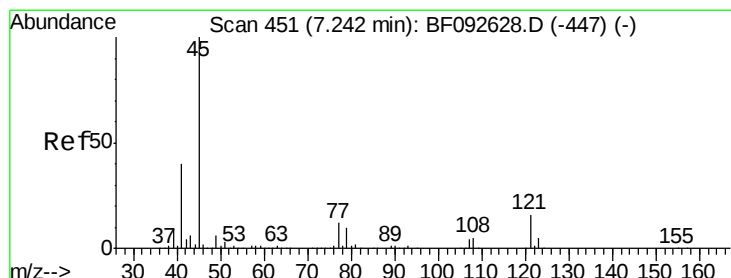
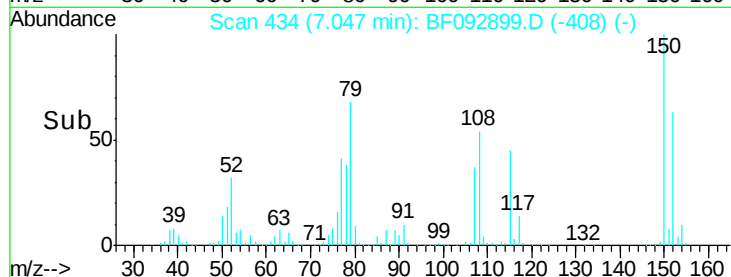
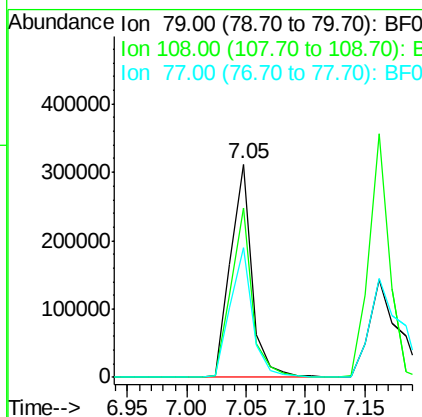
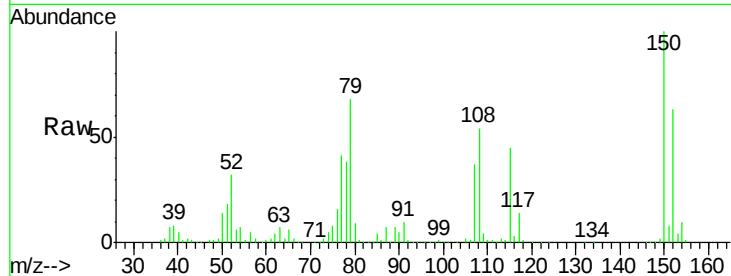
ClientSampled :

9717MSD

Tgt Ion:	79	Resp:	393481
Ion Ratio	Lower	Upper	
79	100		
108	79.1	61.4	92.0
77	60.9	50.9	76.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.27 ng

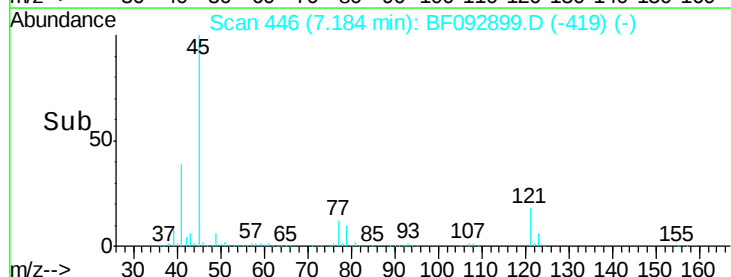
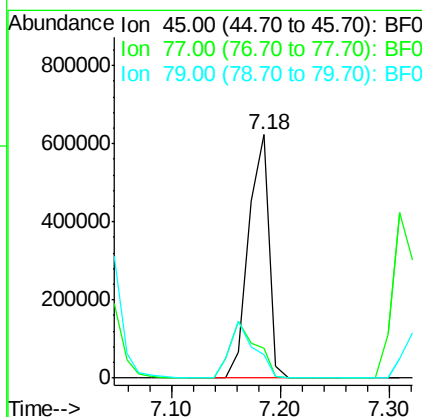
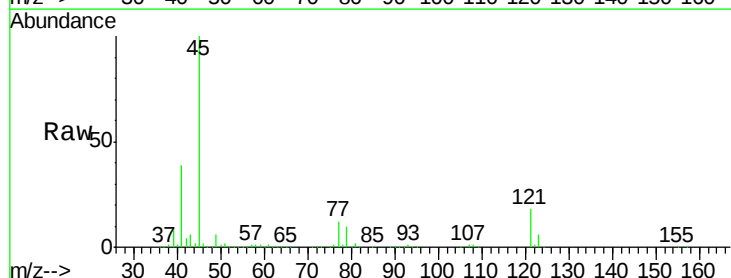
RT: 7.18 min Scan# 446

Delta R.T. 0.01 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

Tgt Ion:	45	Resp:	804770
Ion Ratio	Lower	Upper	
45	100		
77	12.1	0.0	34.6
79	9.8	0.0	31.2





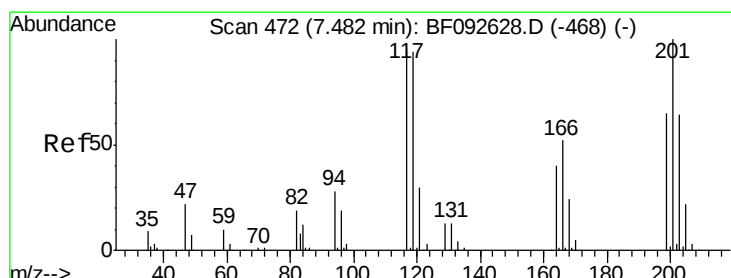
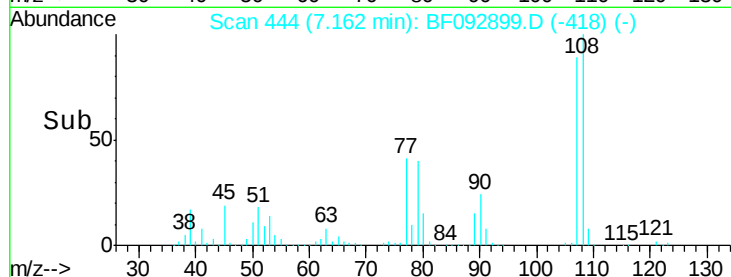
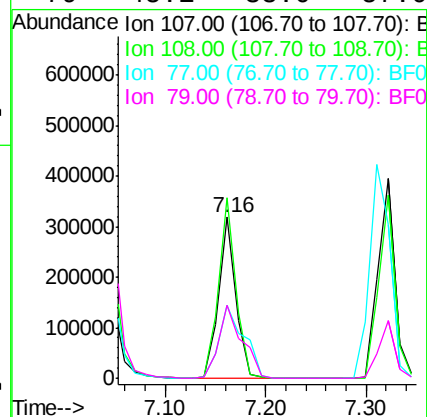
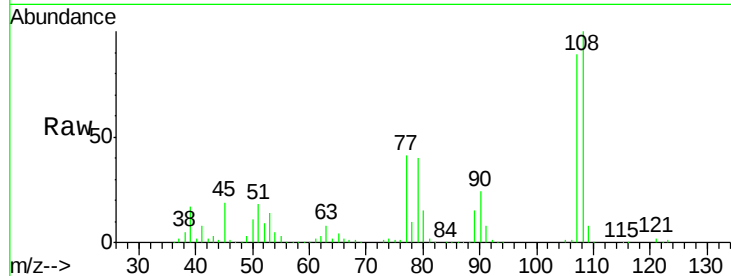
#17
2-Methylphenol
Concen: 42.87 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

Instrument :
BNA_F
ClientSampleId :
9717MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	379035		
108	111.8	93.0	139.6	
77	45.4	39.8	59.8	
79	45.1	38.0	57.0	

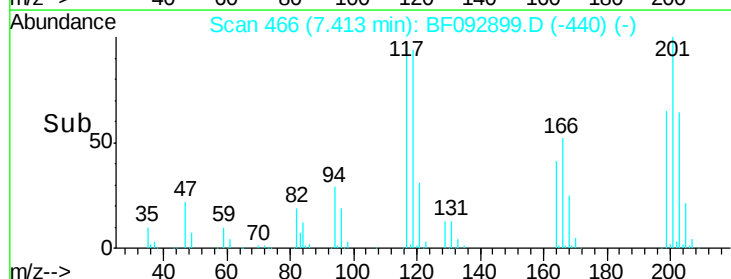
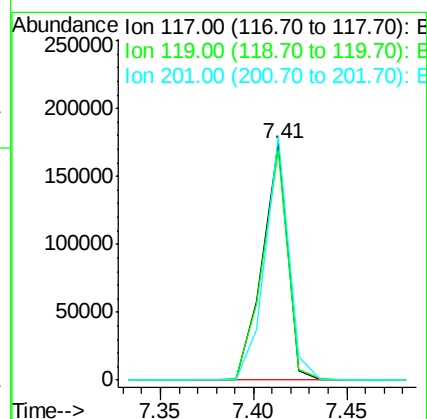
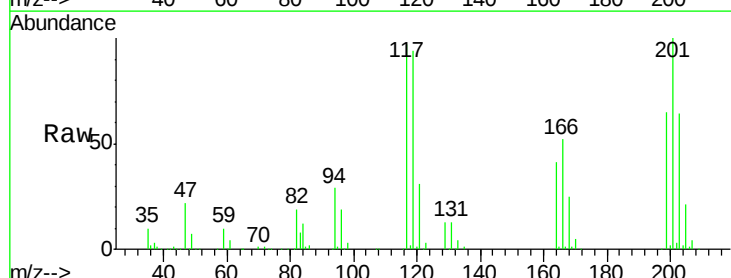
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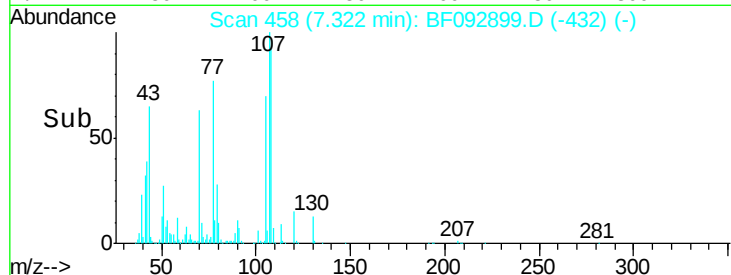
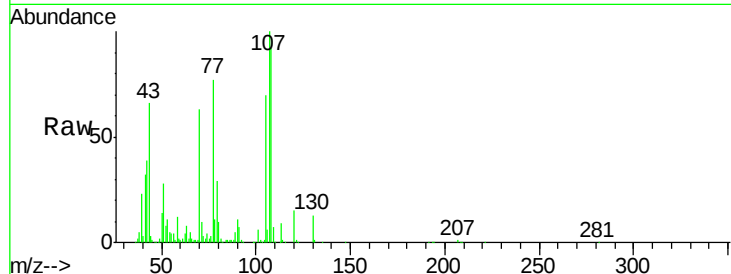
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#18
Hexachloroethane
Concen: 39.53 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	164843		
119	97.1	78.1	117.1	
201	102.7	78.6	117.8	





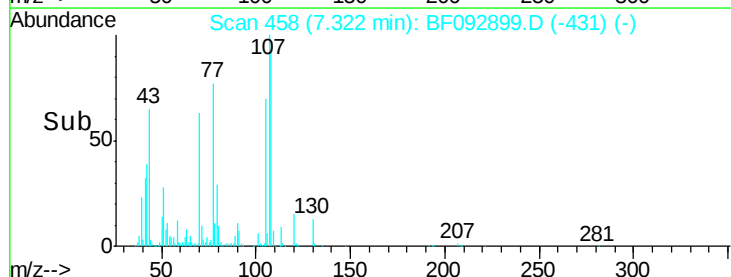
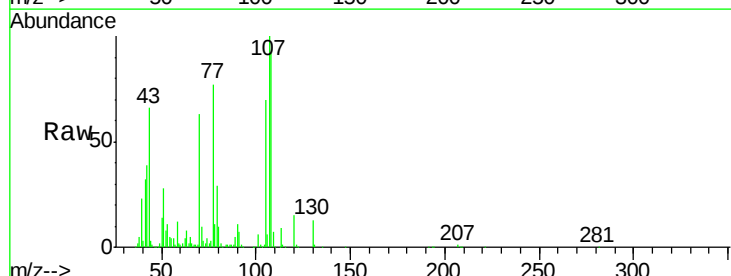
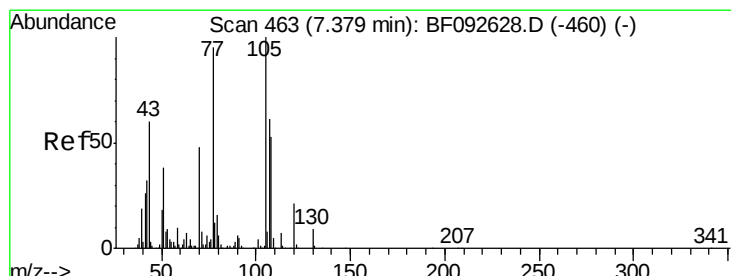
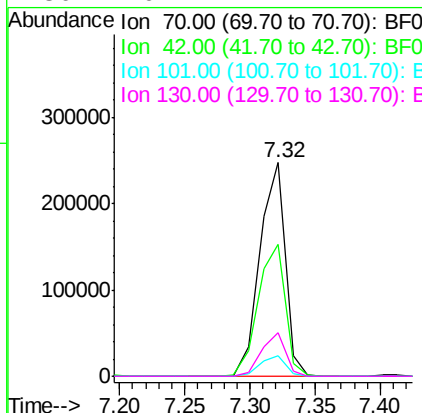
#19
n-Nitroso-di-n-propylamine
Concen: 44.41 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

Instrument :
BNA_F
ClientSampleId :
9717MSD

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	339806		
42	61.6	49.4	74.0	
101	9.4	7.4	11.2	
130	20.7	14.2	21.4	

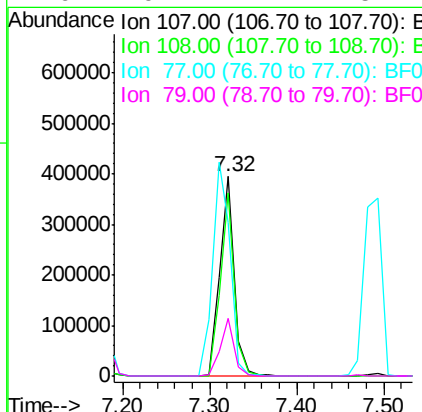
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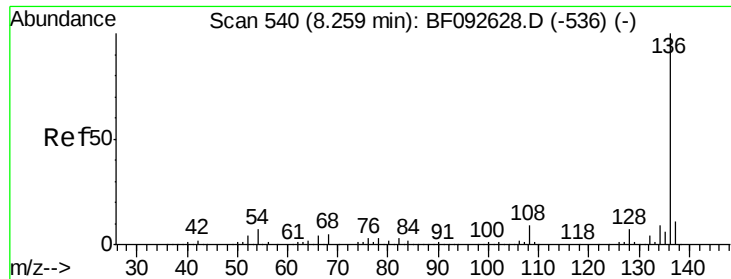
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#20
3+4-Methylphenols
Concen: 43.78 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.01 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	462793		
108	92.1	73.0	113.0	
77	77.0	71.3	111.3	
79	29.1	11.1	51.1	





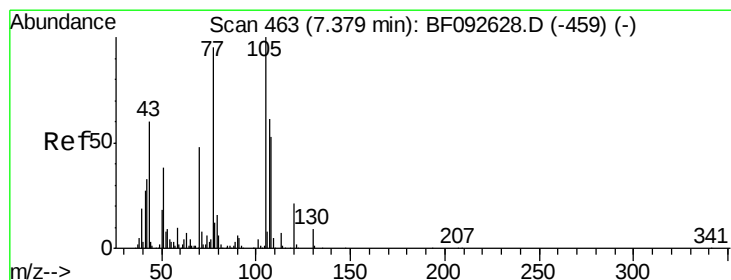
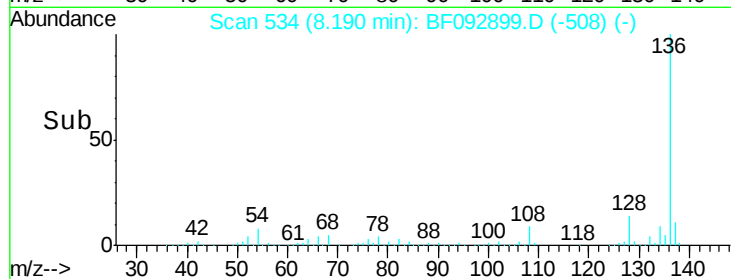
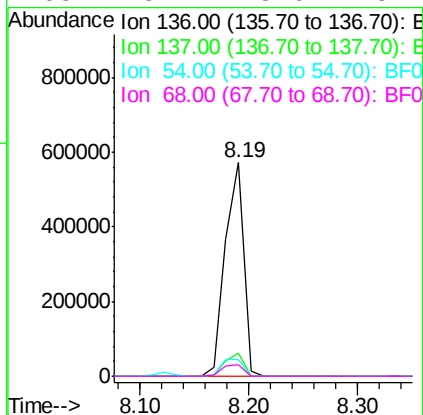
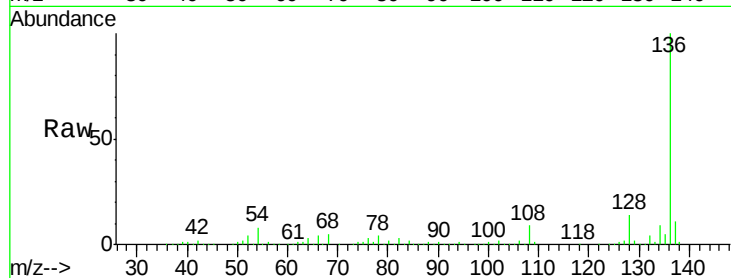
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

Instrument :
BNA_F
ClientSampleId :
9717MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	673713		
137	10.7	8.4	12.6	
54	7.8	4.5	6.7#	
68	5.2	3.6	5.4	

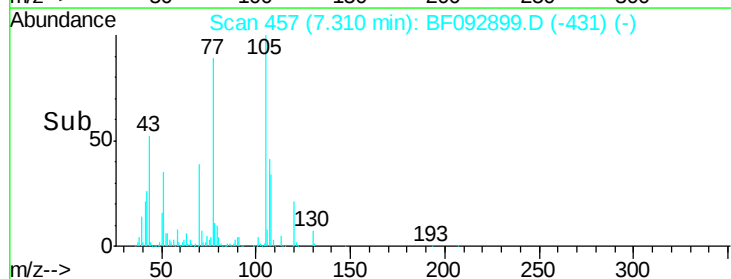
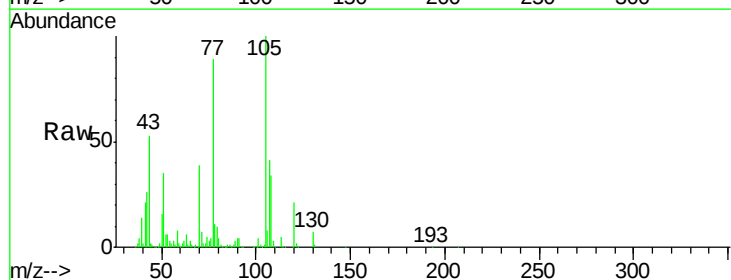
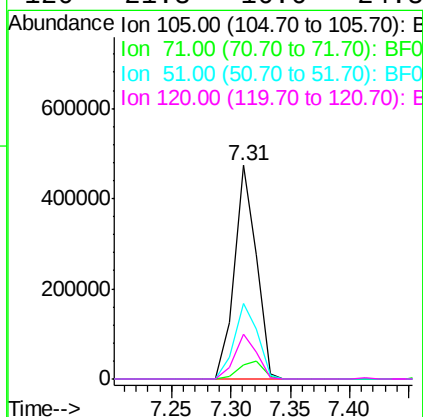
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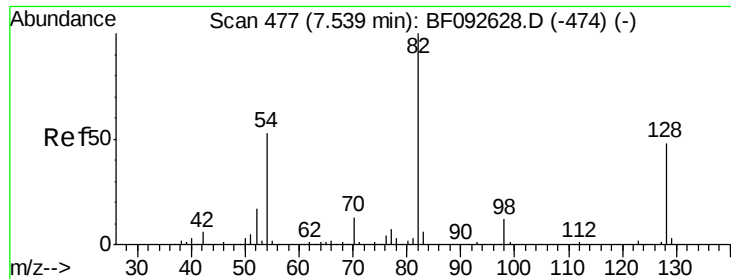
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#22
Acetophenone
Concen: 39.70 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	610595		
71	6.7	3.2	4.8#	
51	35.4	26.2	39.4	
120	21.3	16.6	24.8	





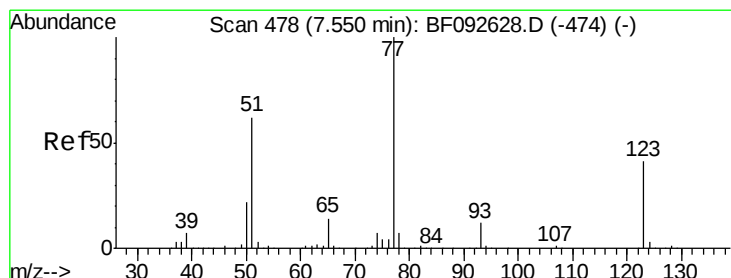
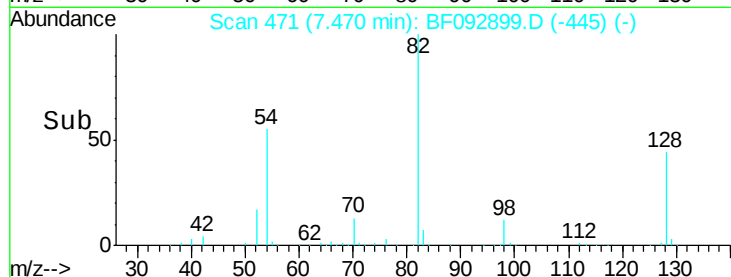
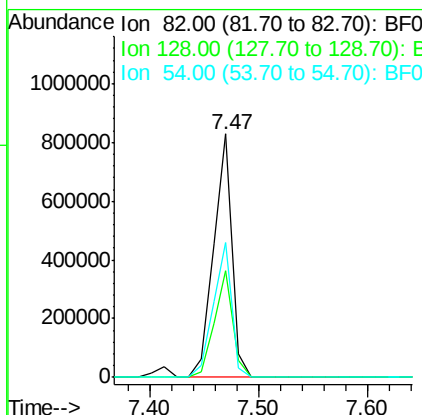
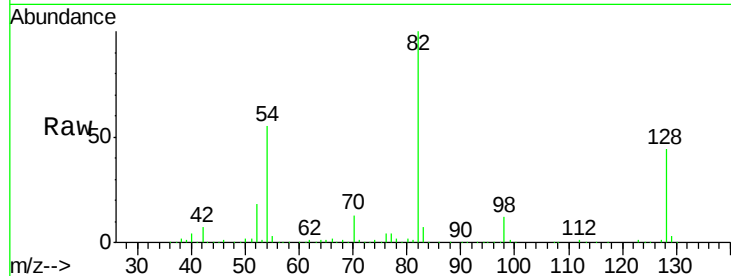
#23
Nitrobenzene-d5
Concen: 80.94 ng
RT: 7.47 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

Instrument :
BNA_F
ClientSampleId :
9717MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	979186		
128	43.9	34.6	52.0	
54	55.3	39.5	59.3	

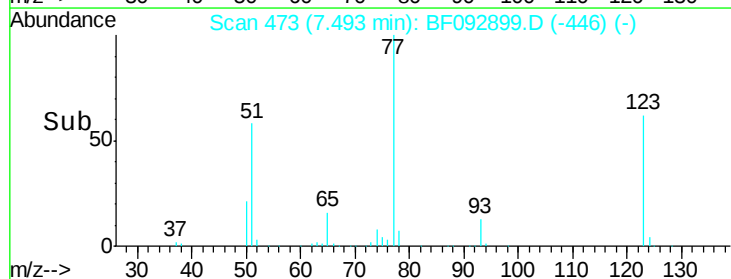
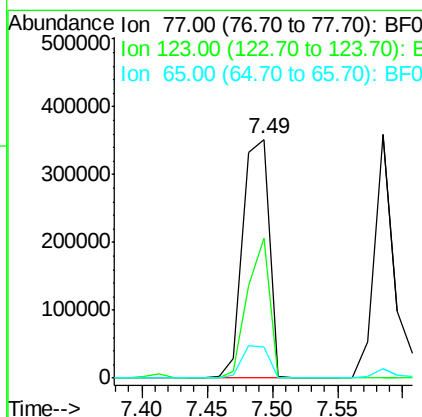
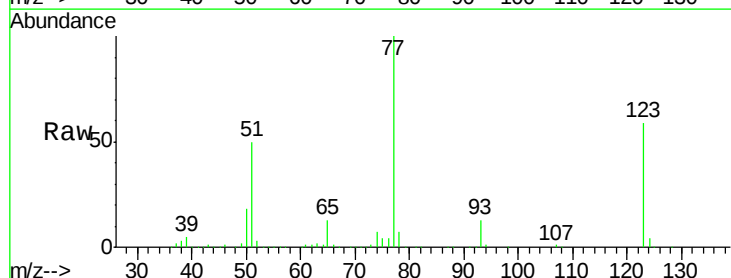
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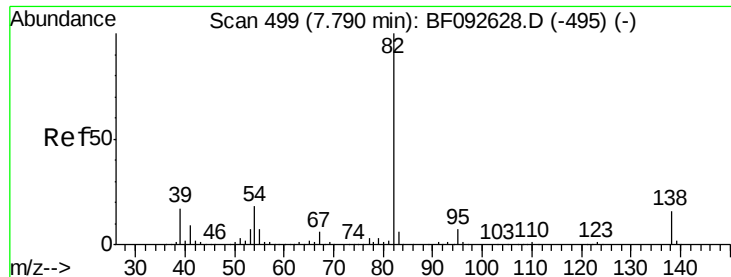
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#24
Nitrobenzene
Concen: 39.67 ng
RT: 7.49 min Scan# 473
Delta R.T. 0.01 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	492852		
123	58.7	33.0	49.4#	
65	12.8	11.2	16.8	





#25

Isophorone

Concen: 42.45 ng

RT: 7.73 min Scan# 494

Delta R.T. 0.01 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

Instrument :

BNA_F

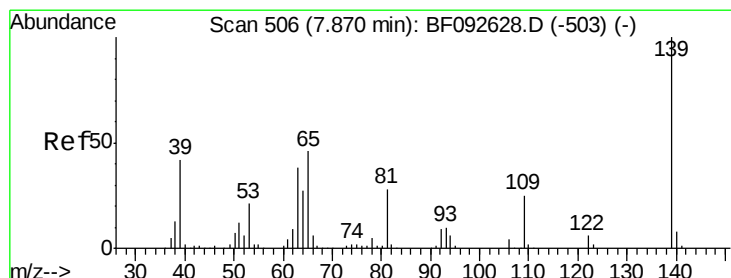
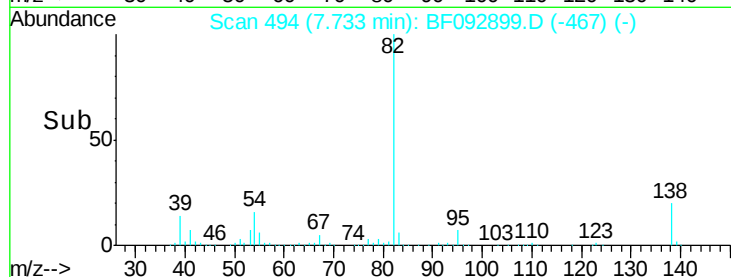
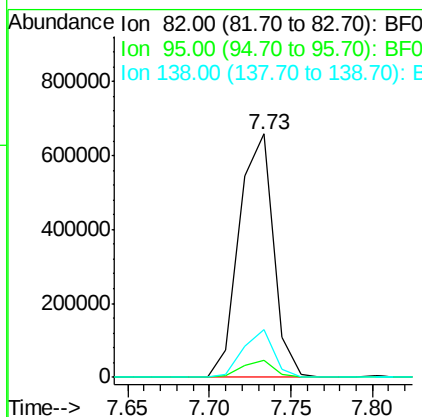
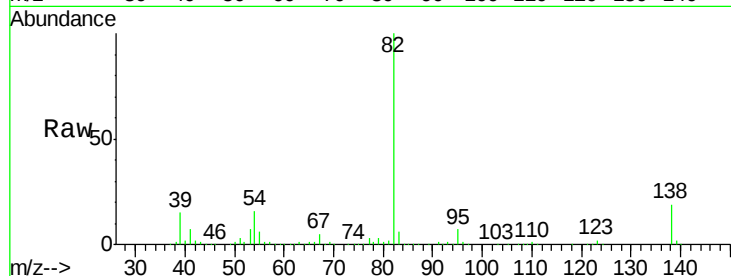
ClientSampleId :

9717MSD

Tgt Ion:	82	Resp:	957073
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.6	8.4
138	19.5	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.79 ng

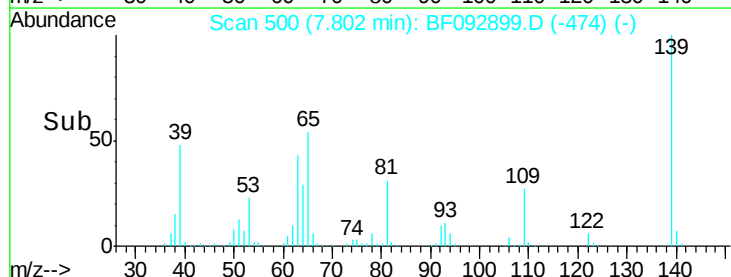
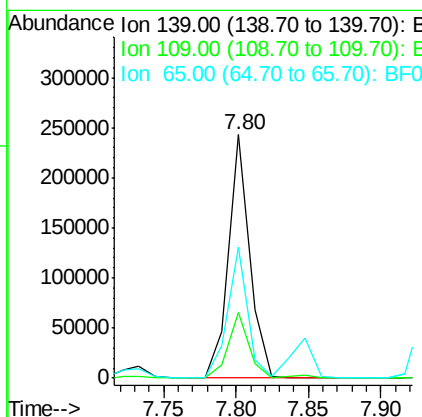
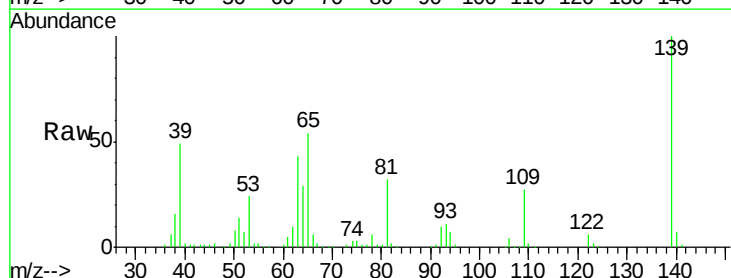
RT: 7.80 min Scan# 500

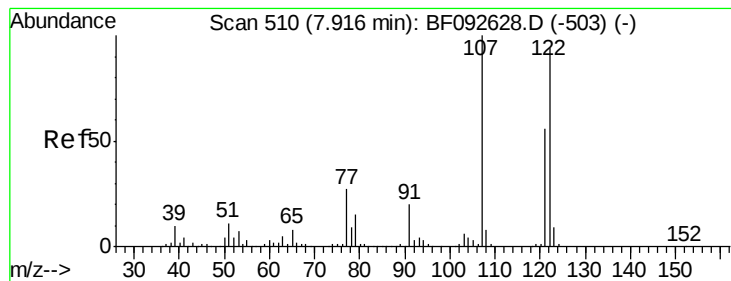
Delta R.T. 0.00 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

Tgt Ion:	139	Resp:	246780
Ion Ratio	Lower	Upper	
139	100		
109	26.8	23.3	34.9
65	53.8	42.7	64.1





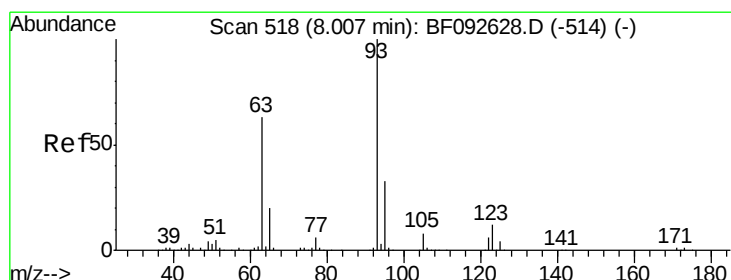
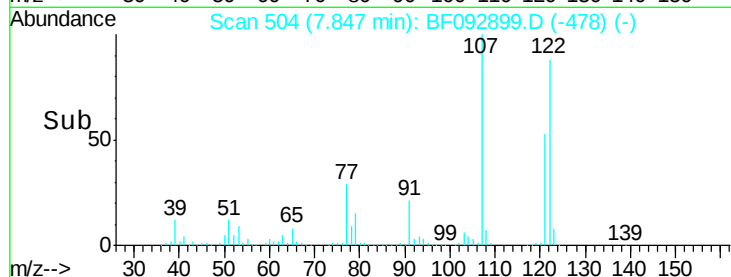
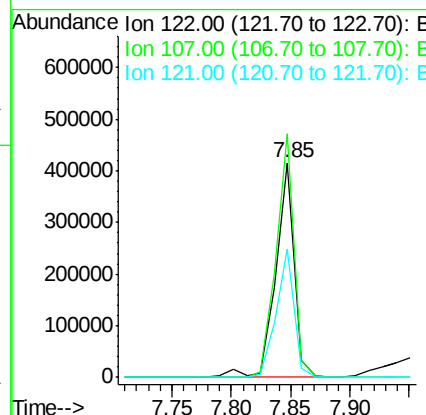
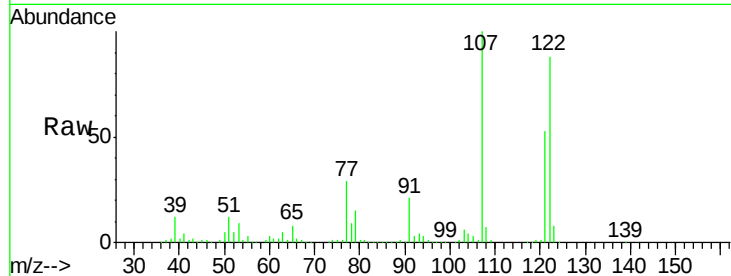
#27
2,4-Dimethylphenol
Concen: 43.55 ng
RT: 7.85 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

Instrument :
BNA_F
ClientSampleId :
9717MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	451693		
107	113.6	94.1	141.1	
121	59.8	46.0	69.0	

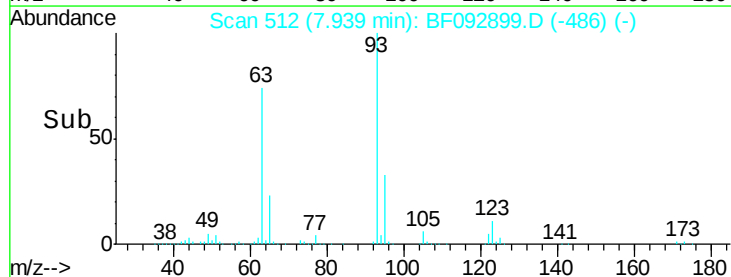
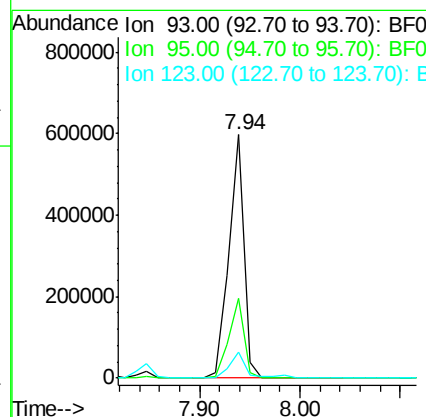
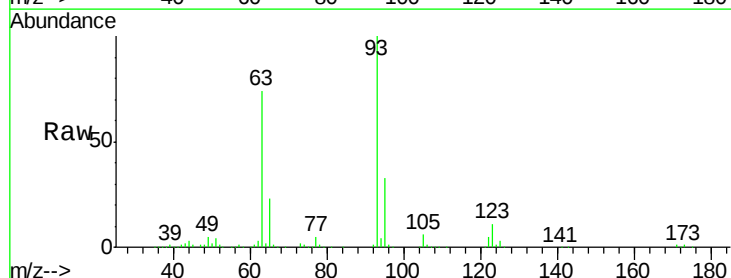
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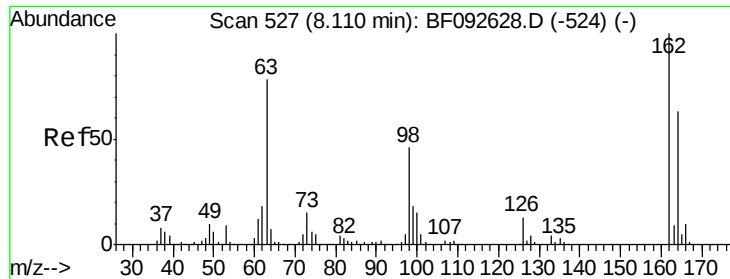
mohammad
2/13/2017 12:40:57 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.69 ng
RT: 7.94 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	622530		
95	32.5	26.5	39.7	
123	10.5	8.6	13.0	





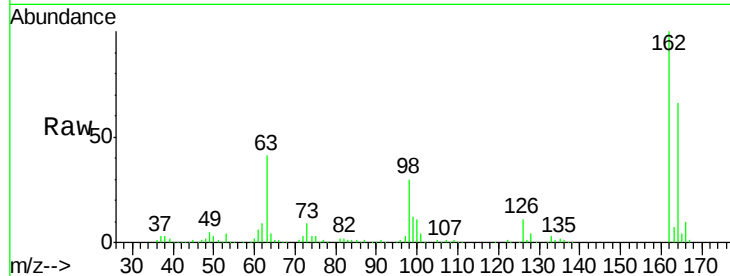
#29
2,4-Dichlorophenol
Concen: 44.13 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.01 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

Instrument :
BNA_F
ClientSampleId :
9717MSD

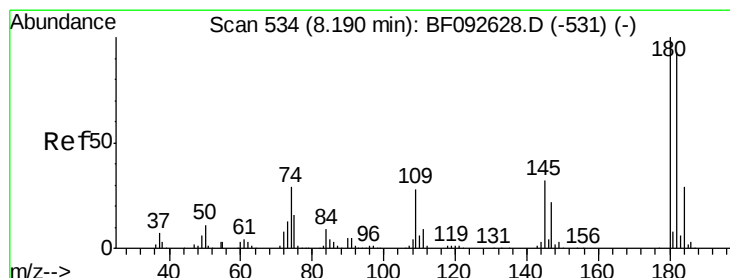
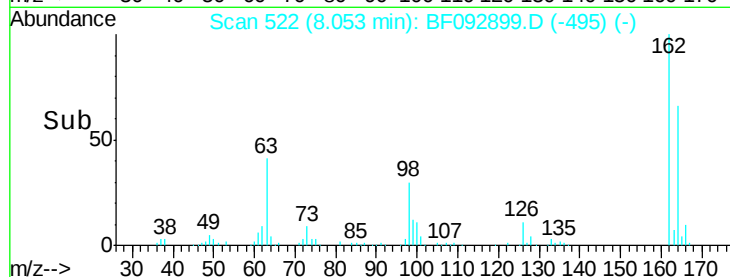
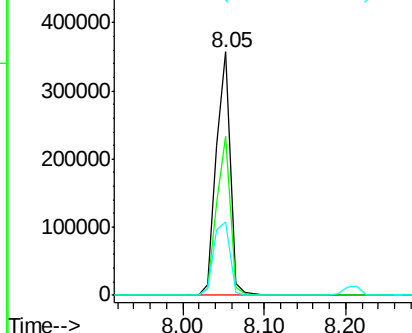
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	426796		
164	65.5	46.8	86.8	
98	30.3	9.1	49.1	

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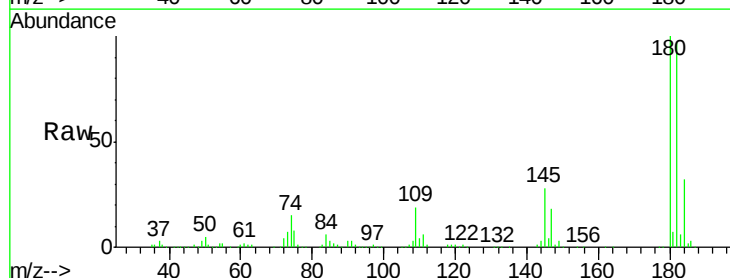


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

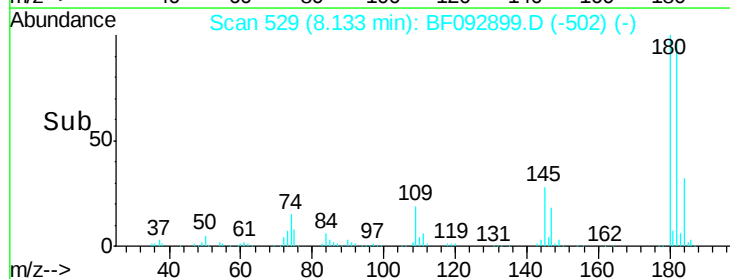
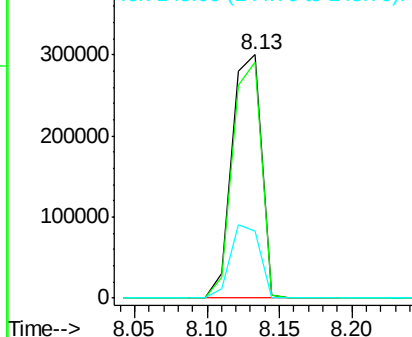


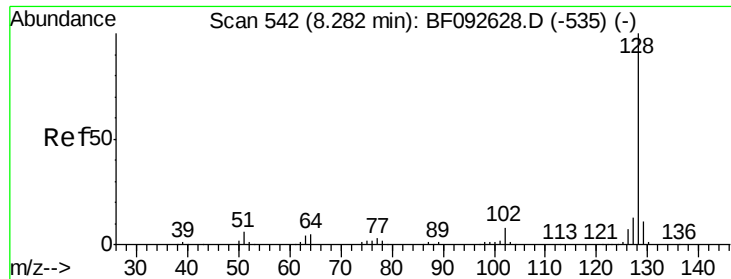
#30
1,2,4-Trichlorobenzene
Concen: 40.50 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.01 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	422117		
182	96.7	78.2	117.4	
145	27.7	21.6	32.4	



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





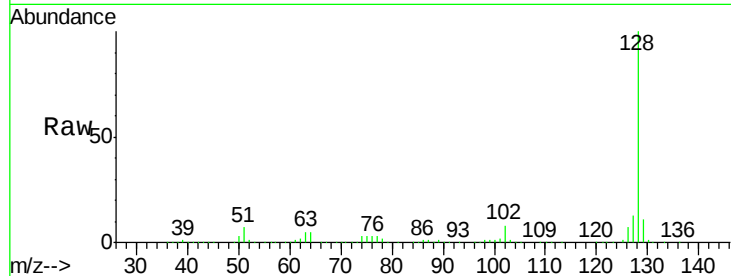
#31
Naphthalene
Concen: 39.80 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

Instrument :
BNA_F
ClientSampleId :
9717MSD

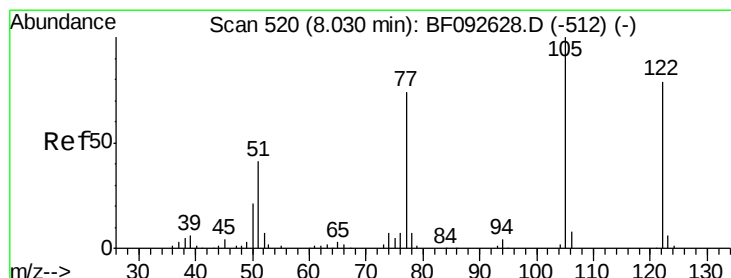
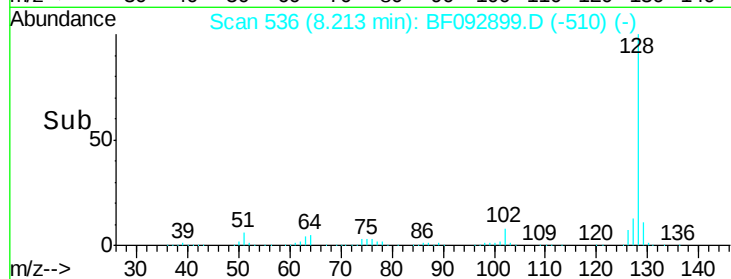
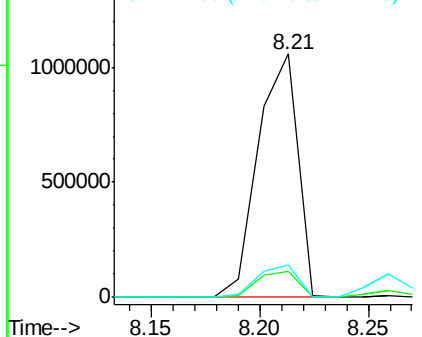
Tgt Ion:128 Resp: 1359287
Ion Ratio Lower Upper
128 100
129 10.7 9.5 14.3
127 13.4 10.8 16.2

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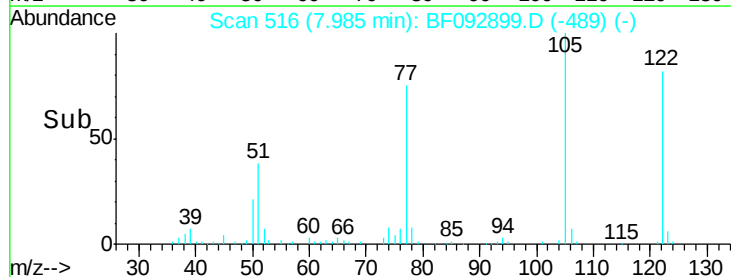
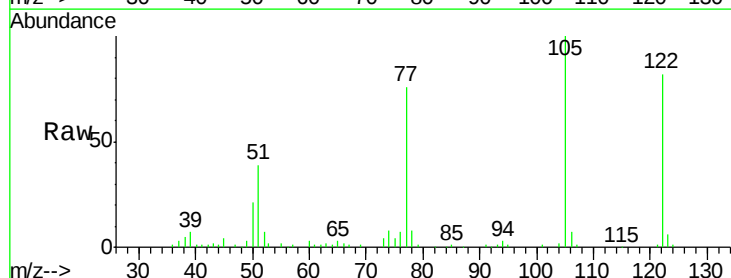
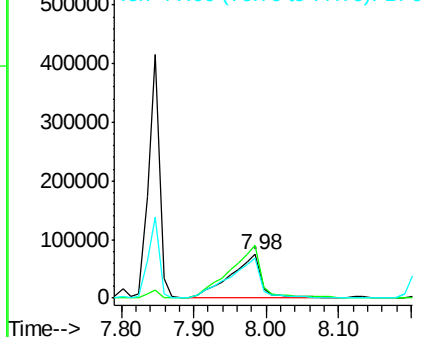
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 38.60 ng
RT: 7.98 min Scan# 516
Delta R.T. 0.01 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

Tgt Ion:122 Resp: 217127
Ion Ratio Lower Upper
122 100
105 122.6 107.2 147.2
77 93.4 74.5 114.5

Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





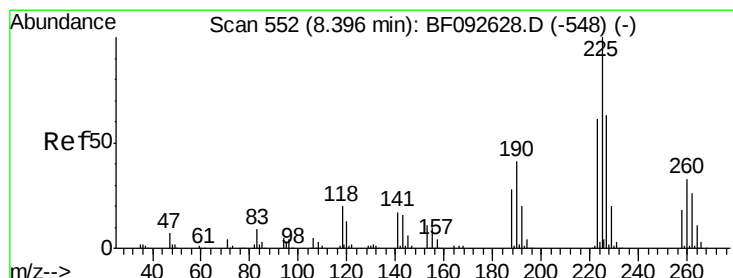
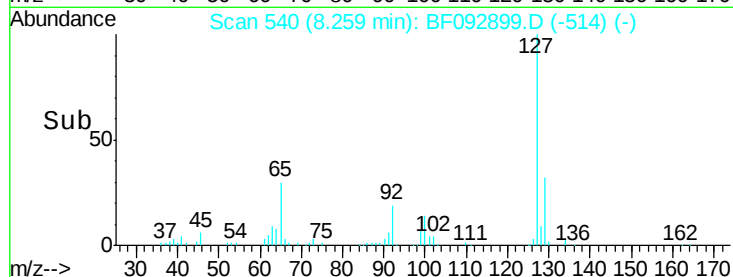
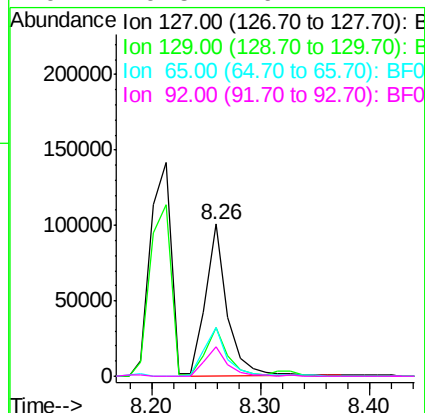
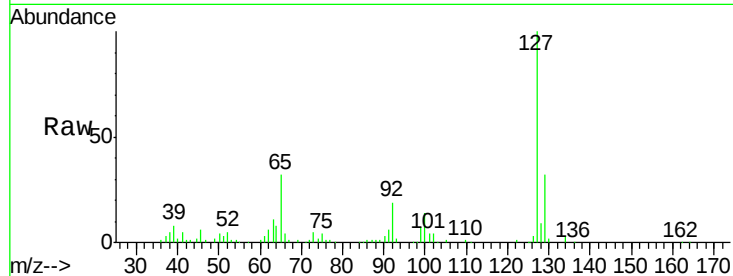
#33
4-Chloroaniline
Concen: 10.45 ng
RT: 8.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

Instrument :
BNA_F
ClientSampleId :
9717MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	139912		
129	32.0	26.3	39.5	
65	31.7	25.8	38.8	
92	19.5	16.1	24.1	

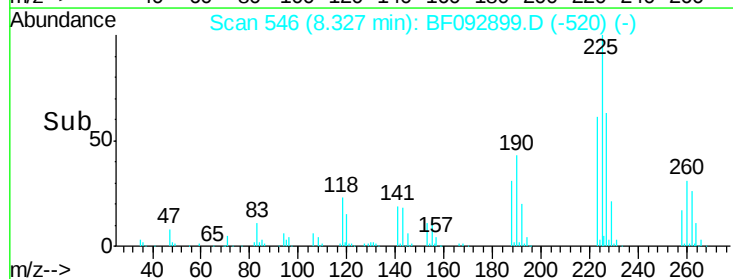
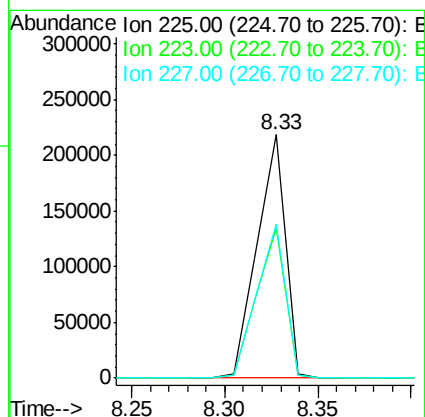
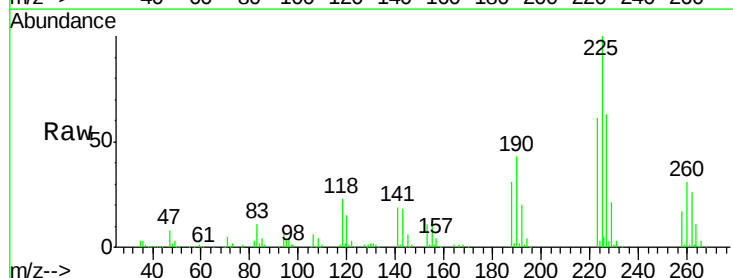
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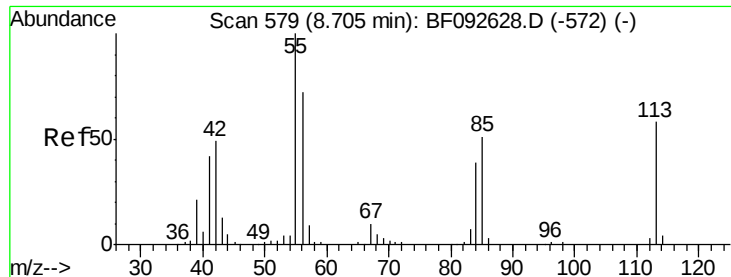
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#34
Hexachlorobutadiene
Concen: 39.97 ng
RT: 8.33 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	229222		
223	61.5	51.0	76.6	
227	63.2	50.6	76.0	





#35

Caprolactam

Concen: 35.45 ng

RT: 8.66 min Scan# 575

Delta R.T. 0.02 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

Instrument :

BNA_F

ClientSampleId :

9717MSD

Tgt Ion:113 Resp: 107858
Ion Ratio Lower Upper

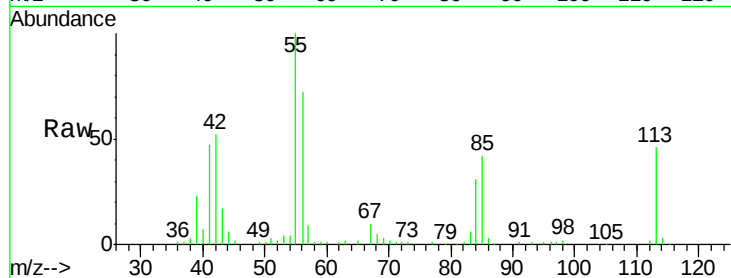
113 100

55 215.6 119.2 159.2#

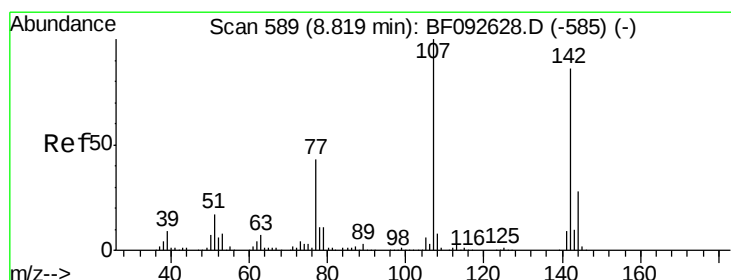
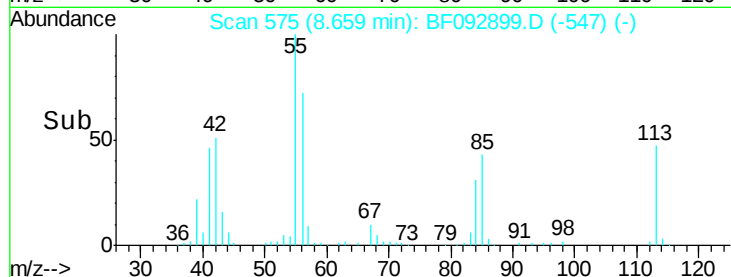
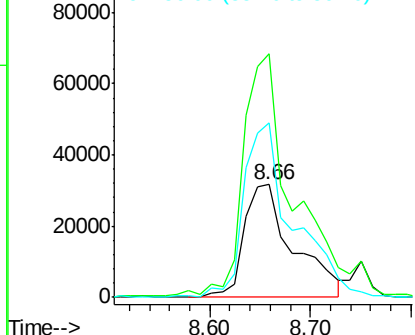
56 154.2 83.8 123.8#

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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: 42.12 ng

RT: 8.75 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF092899.D

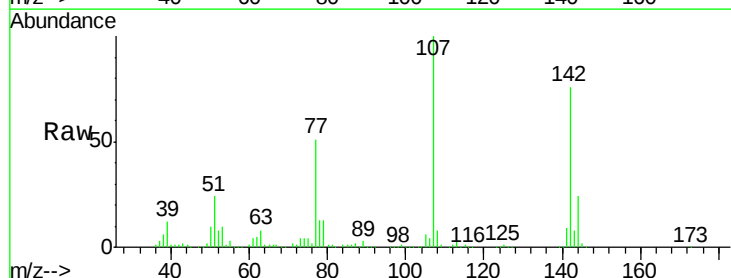
Acq: 10 Feb 2017 22:39

Tgt Ion:107 Resp: 424773
Ion Ratio Lower Upper

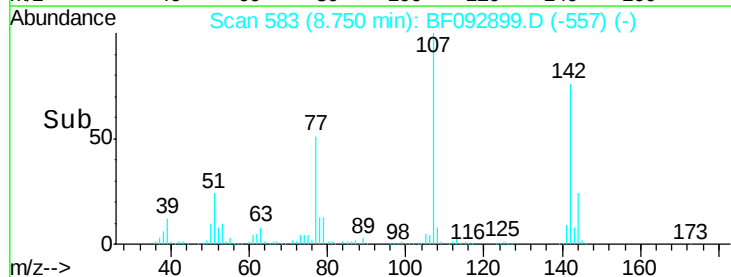
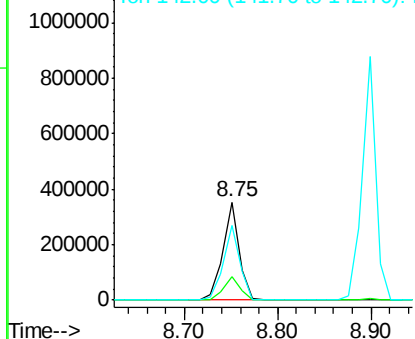
107 100

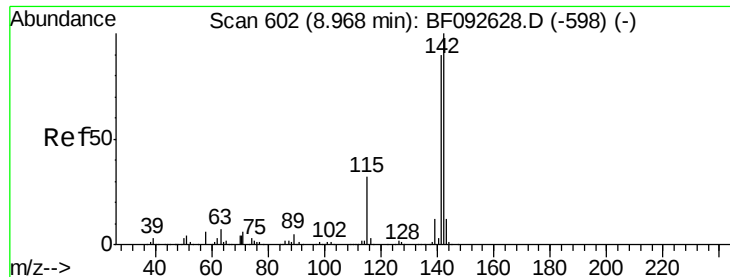
144 23.7 19.3 28.9

142 75.5 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





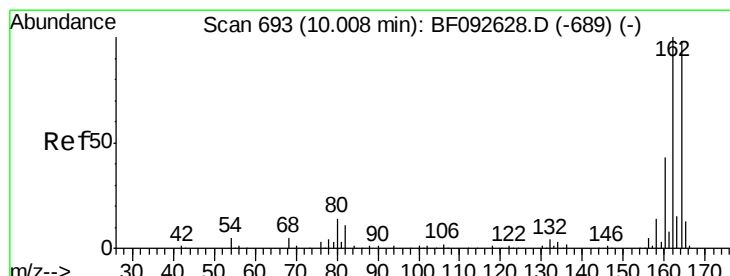
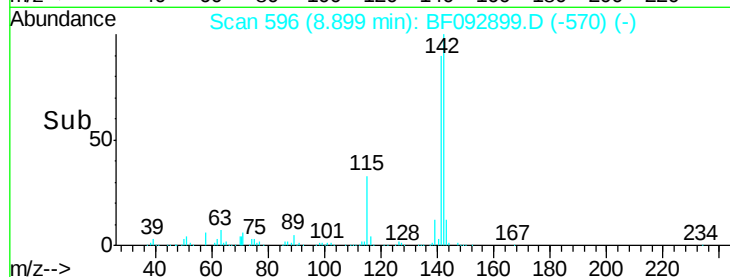
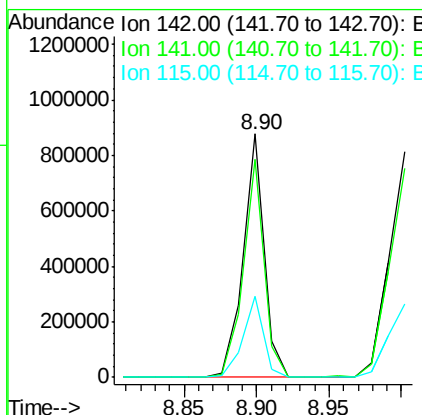
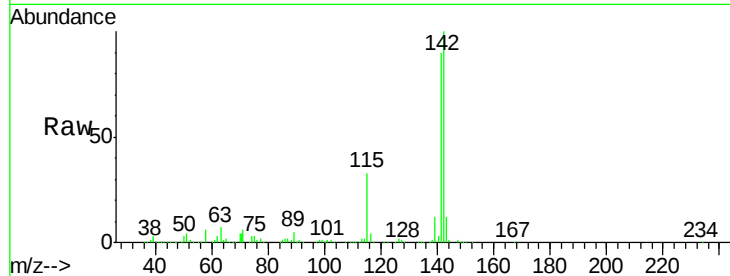
#37
 2-Methylnaphthalene
 Concen: 40.20 ng
 RT: 8.90 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: BF092899.D
 Acq: 10 Feb 2017 22:39

Instrument :
 BNA_F
 ClientSampleId :
 9717MSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	881555		
141	89.5	71.0	106.6	
115	33.3	28.3	42.5	

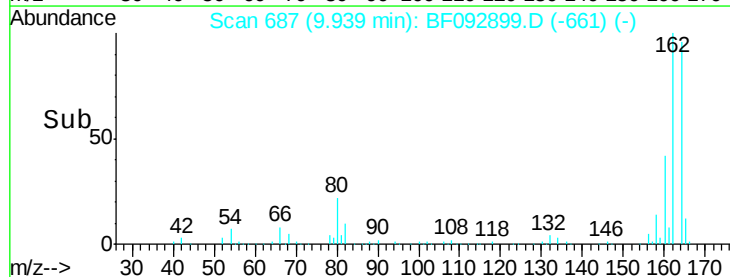
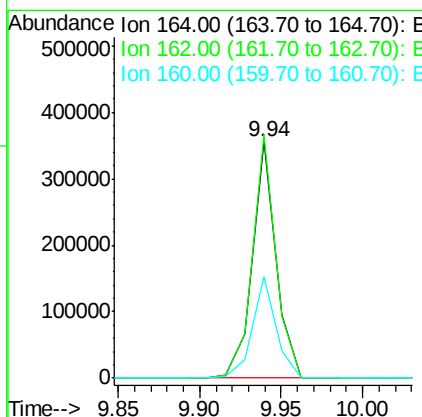
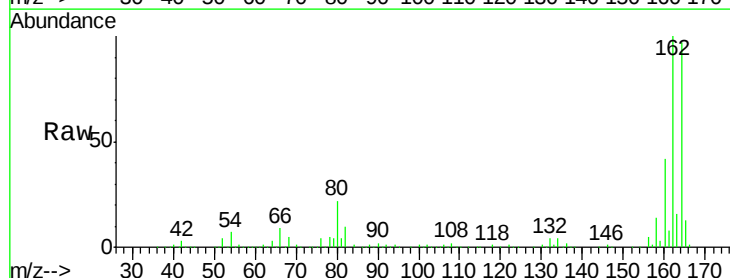
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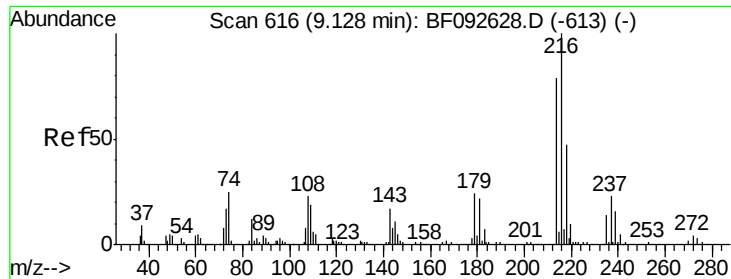
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.00 min
 Lab File: BF092899.D
 Acq: 10 Feb 2017 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	357769		
162	102.8	80.2	120.2	
160	43.0	36.9	55.3	





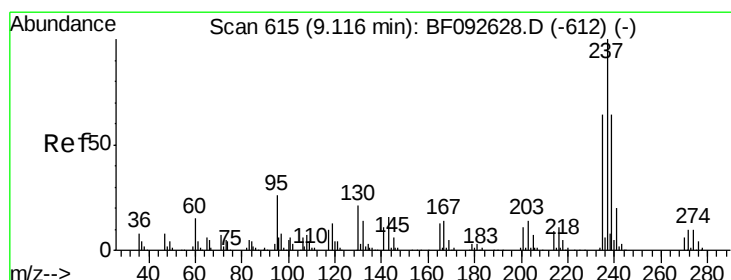
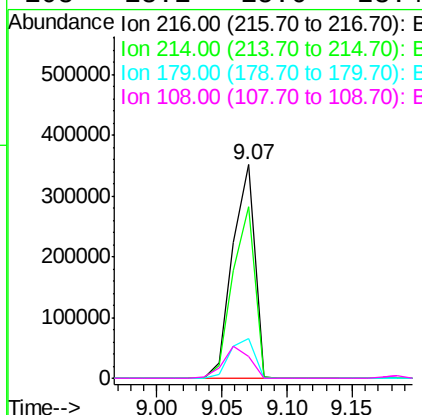
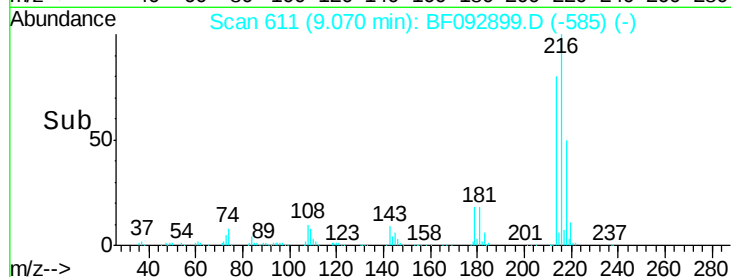
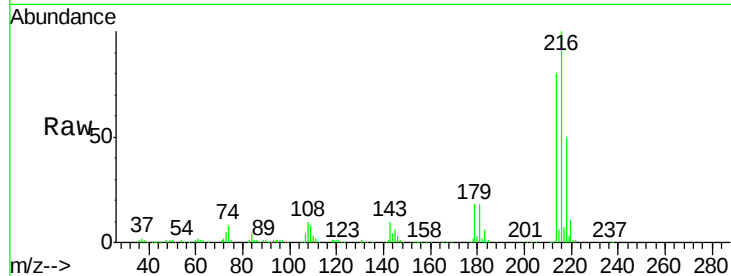
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.34 ng
 RT: 9.07 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF092899.D
 Acq: 10 Feb 2017 22:39

Instrument :
 BNA_F
 ClientSampled :
 9717MSD

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.4	95.0
179	20.7	17.4	26.2
108	18.1	15.6	23.4

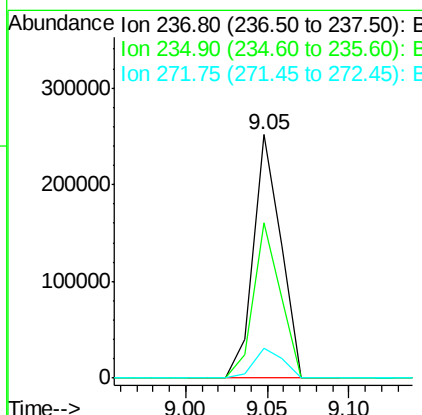
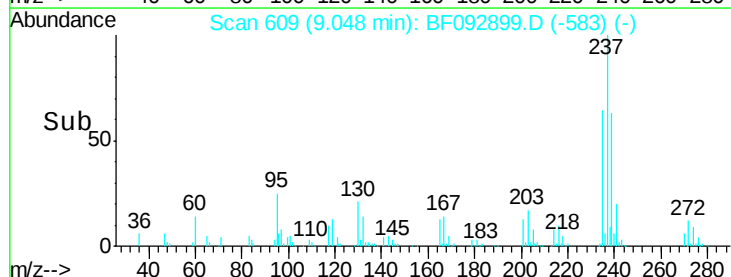
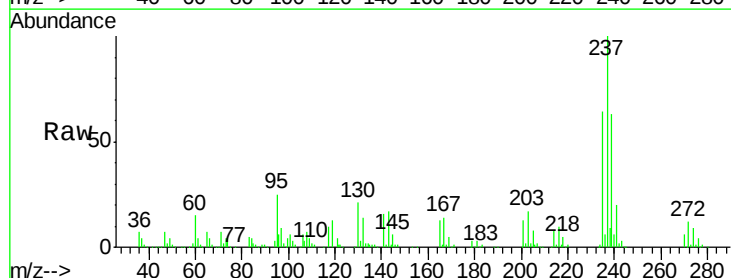
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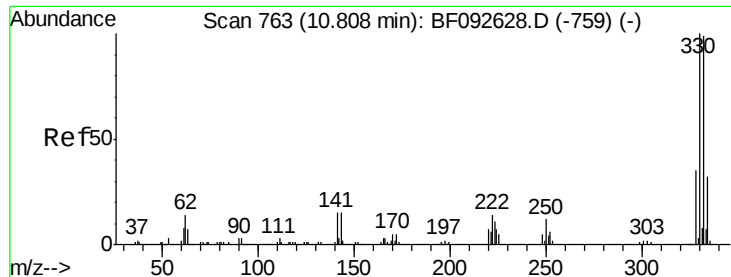
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#40
 Hexachlorocyclopentadiene
 Concen: 64.82 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF092899.D
 Acq: 10 Feb 2017 22:39

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.8	41.2	81.2
272	12.1	0.0	35.4





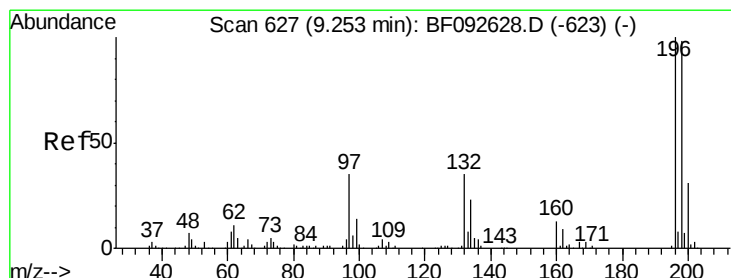
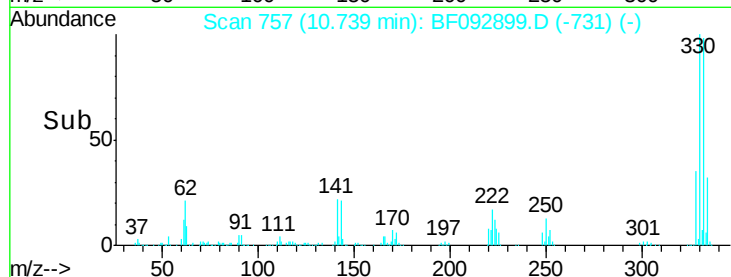
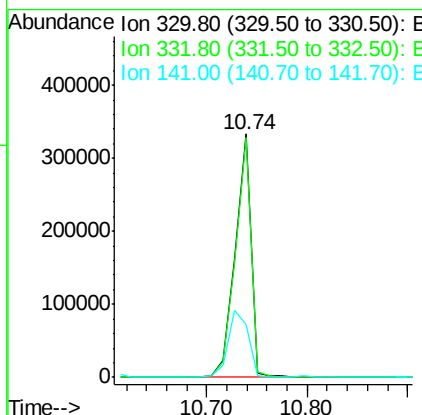
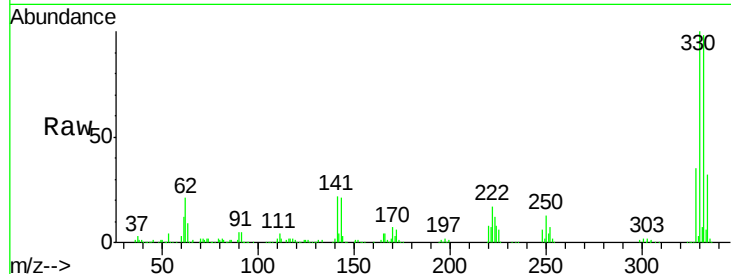
#41
 2,4,6-Tribromophenol
 Concen: 141.68 ng
 RT: 10.74 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF092899.D
 Acq: 10 Feb 2017 22:39

Instrument :
 BNA_F
 ClientSampleId :
 9717MSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	366616		
332	97.8	77.4	116.2	
141	34.8	34.1	51.1	

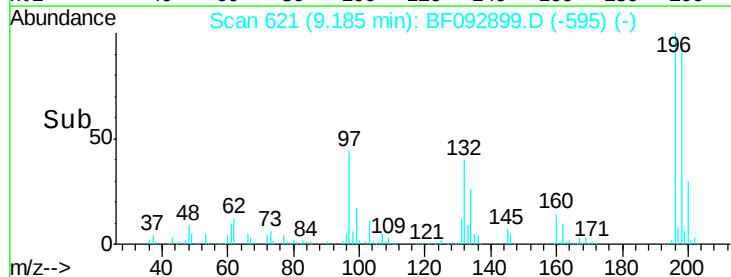
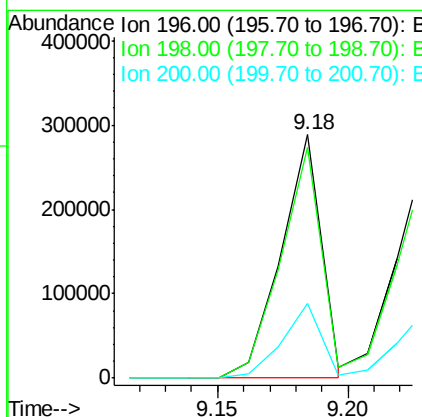
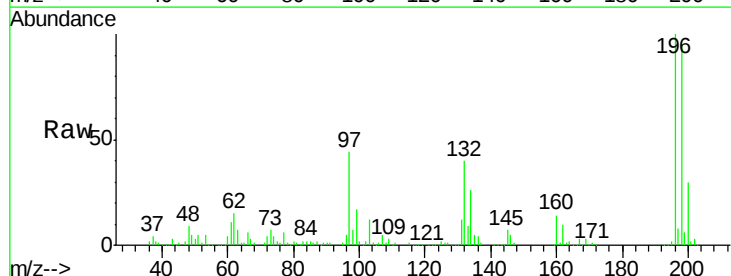
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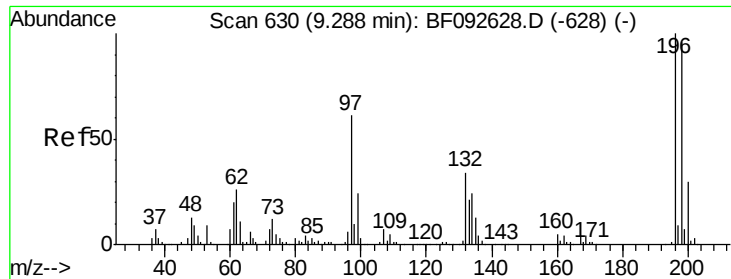
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#42
 2,4,6-Trichlorophenol
 Concen: 47.16 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF092899.D
 Acq: 10 Feb 2017 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	311230		
198	94.7	82.1	123.1	
200	30.4	27.0	40.4	





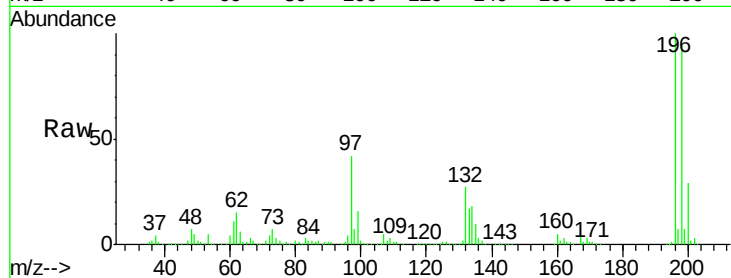
#43
 2,4,5-Trichlorophenol
 Concen: 45.18 ng m
 RT: 9.23 min Scan# 625
 Delta R.T. 0.01 min
 Lab File: BF092899.D
 Acq: 10 Feb 2017 22:39

Instrument :
 BNA_F
 ClientSampleId :
 9717MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	326642		
198	93.6	79.4	119.2	
97	42.5	51.5	77.3#	
132	27.2	27.4	41.2#	

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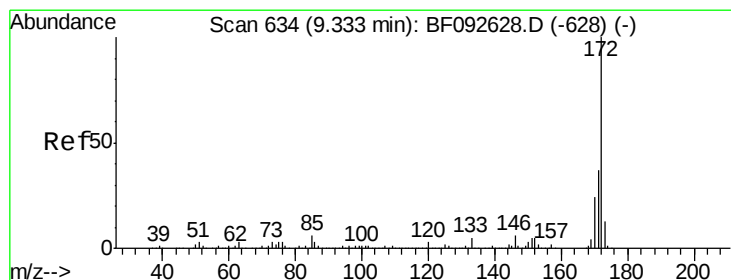
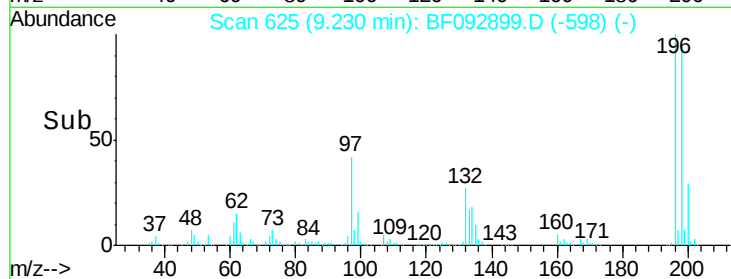
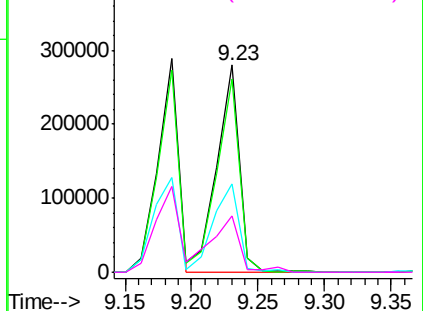
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.62 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF092899.D
 Acq: 10 Feb 2017 22:39

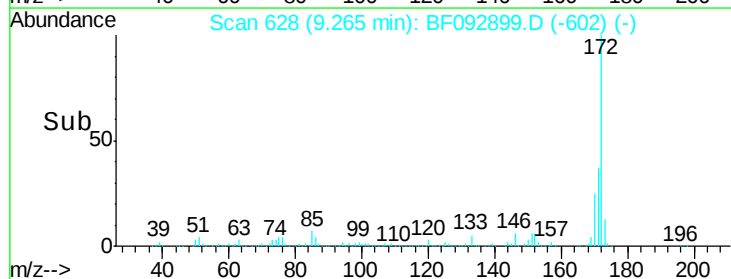
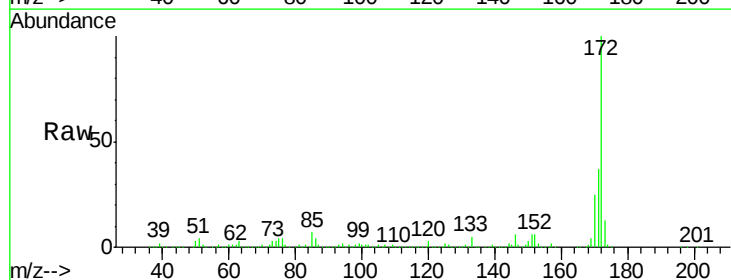
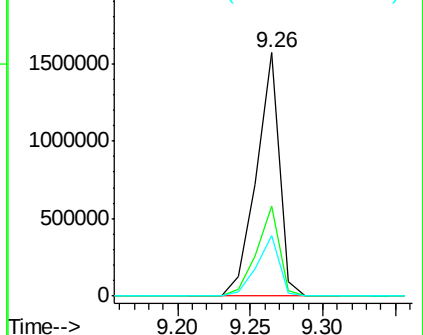
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1730347		
171	37.1	29.4	44.0	
170	24.7	20.2	30.4	

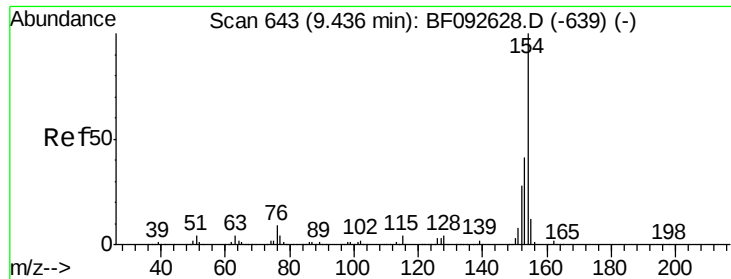
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 44.08 ng

RT: 9.37 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

Instrument :

BNA_F

ClientSampleId :

9717MSD

Tgt Ion:154 Resp: 1142033

Ion Ratio Lower Upper

154 100

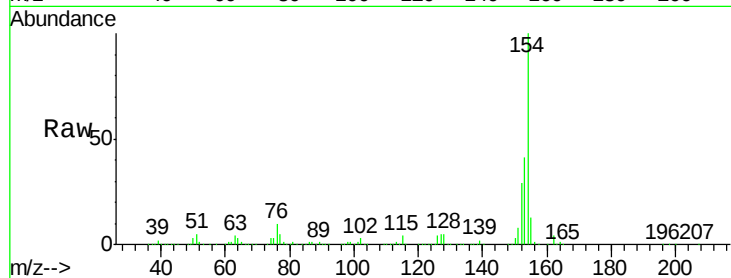
153 41.1 20.9 60.9

76 10.4 0.0 30.5

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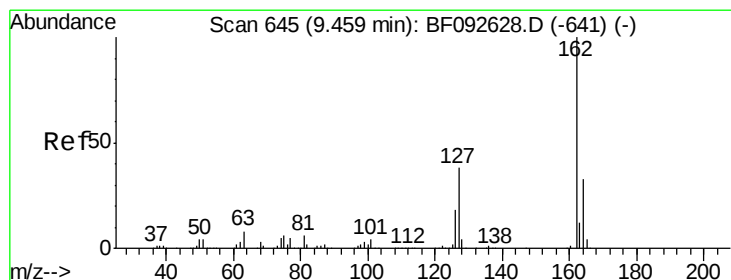
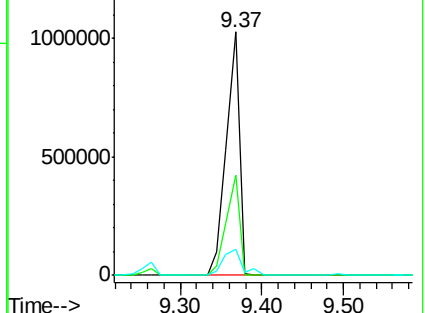
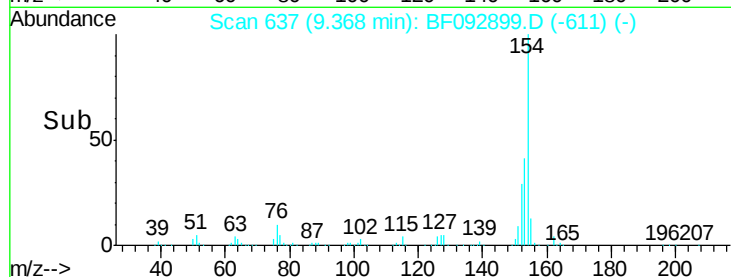
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 45.01 ng

RT: 9.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

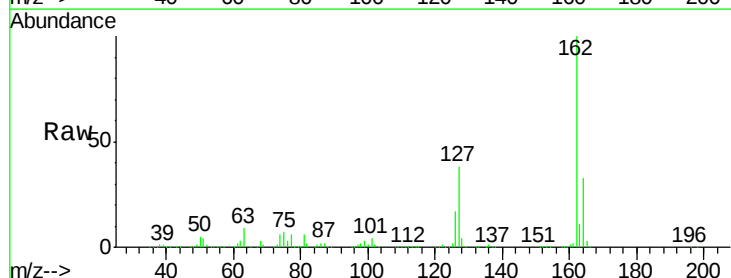
Tgt Ion:162 Resp: 912247

Ion Ratio Lower Upper

162 100

127 38.1 30.7 46.1

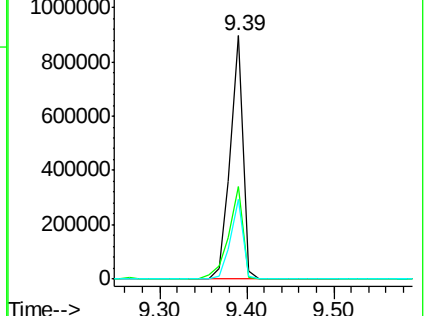
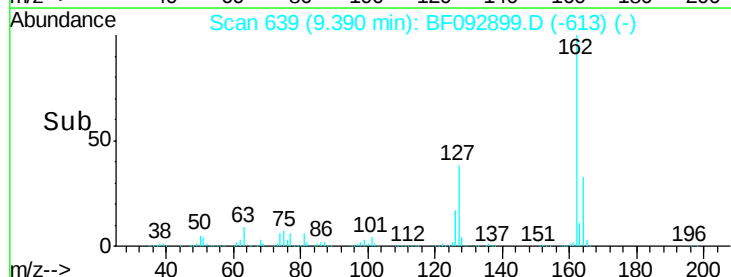
164 32.6 27.6 41.4

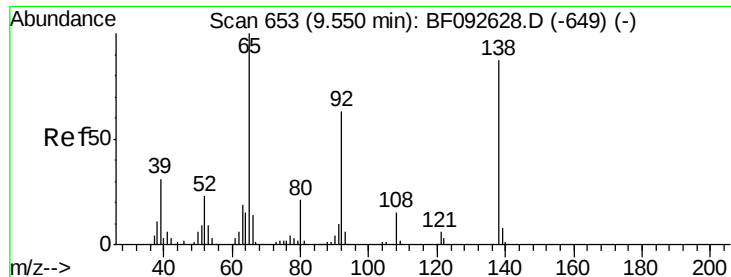


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 43.66 ng

RT: 9.49 min Scan# 648

Delta R.T. 0.01 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

Instrument :

BNA_F

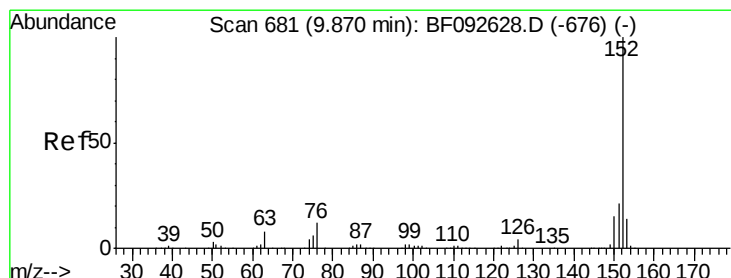
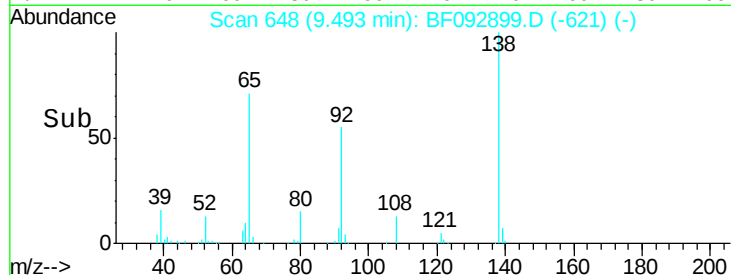
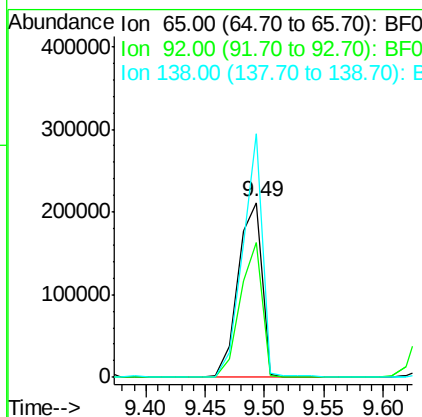
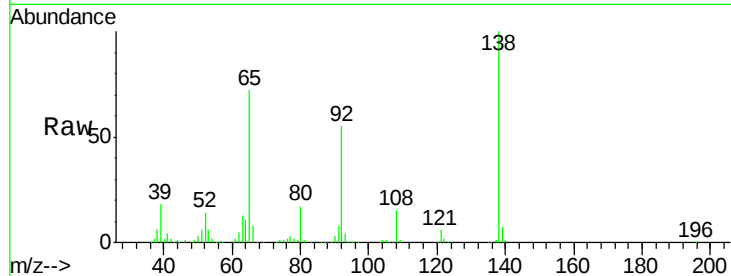
ClientSampleId :

9717MSD

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	297519		
92	76.8	53.9	80.9	
138	139.2	76.8	115.2#	

Manual Integrations
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#48

Acenaphthylene

Concen: 37.66 ng

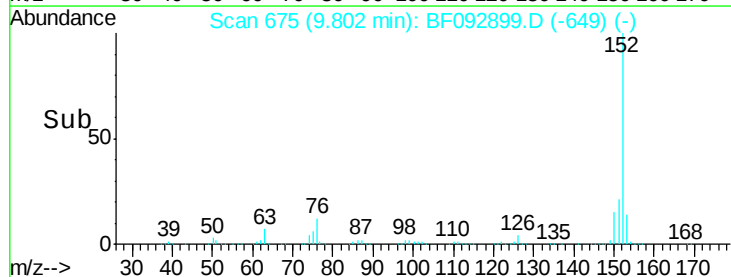
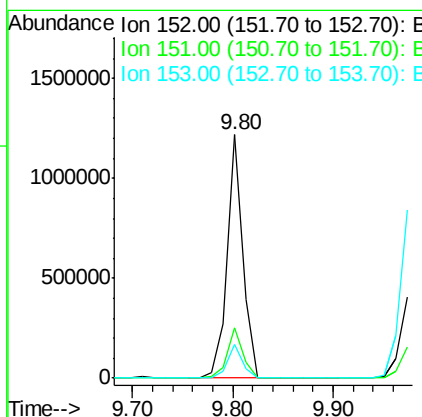
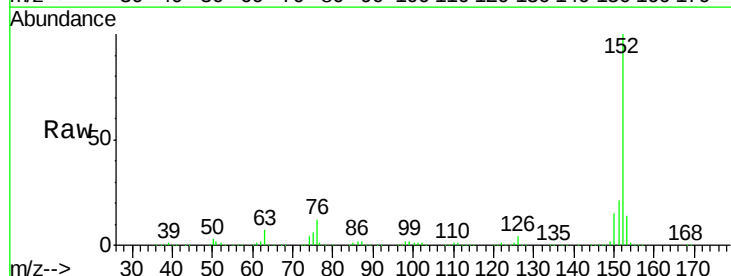
RT: 9.80 min Scan# 675

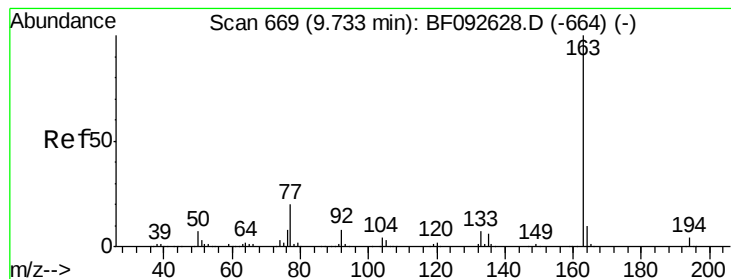
Delta R.T. 0.00 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1318341		
151	20.8	16.9	25.3	
153	13.7	11.4	17.2	





#49

Dimethylphthalate

Concen: 44.43 ng

RT: 9.66 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

Instrument :

BNA_F

ClientSampleId :

9717MSD

Tgt Ion:163 Resp: 1070788

Ion Ratio Lower Upper

163 100

194 3.3 3.0 4.4

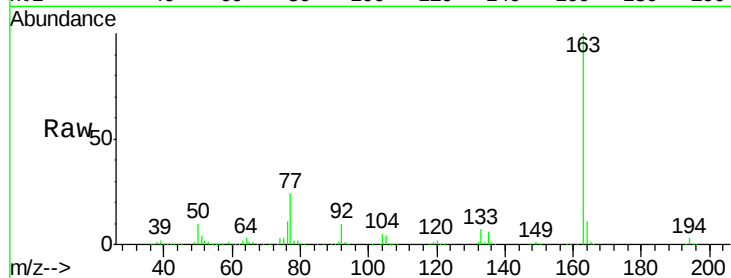
164 10.6 8.0 12.0

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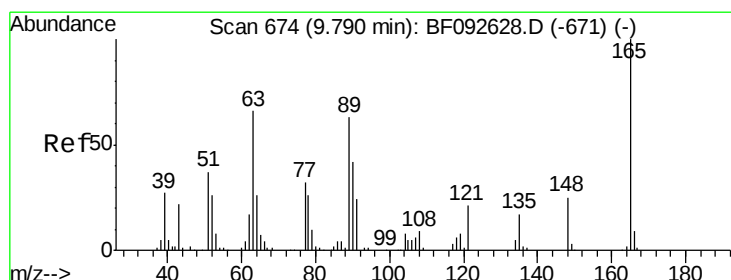
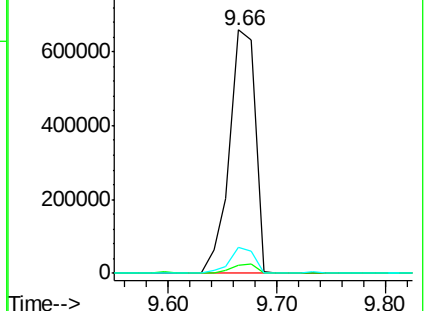
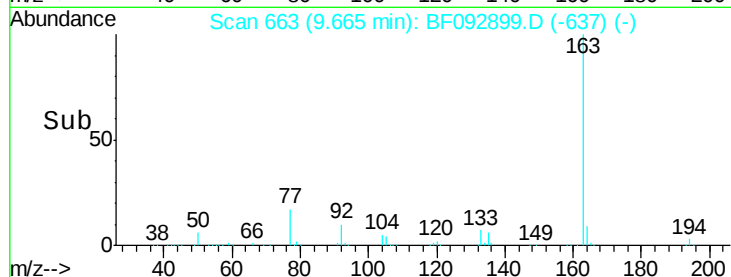
2/13/2017 12:40:57 PM



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 47.42 ng

RT: 9.73 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

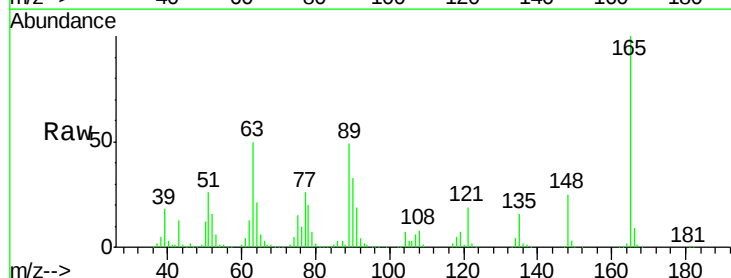
Tgt Ion:165 Resp: 246773

Ion Ratio Lower Upper

165 100

63 49.9 36.2 54.4

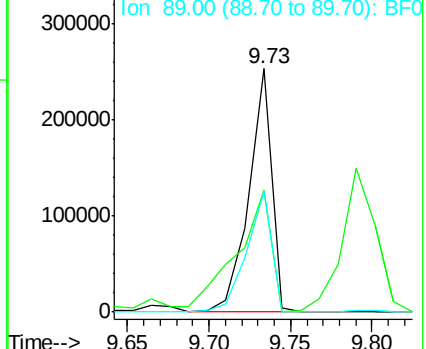
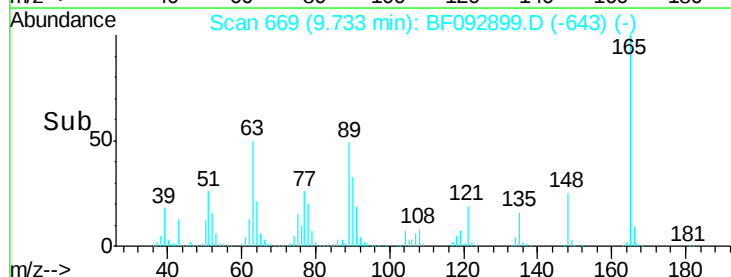
89 49.4 40.2 60.4

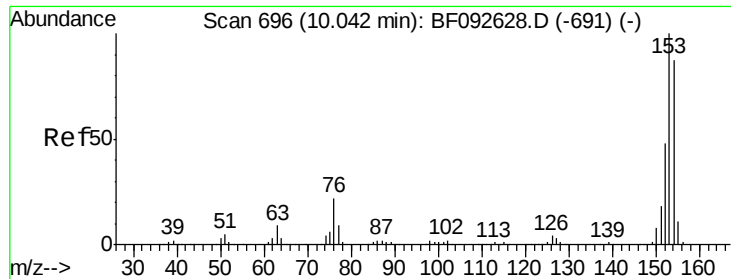


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.93 ng

RT: 9.97 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

Instrument :

BNA_F

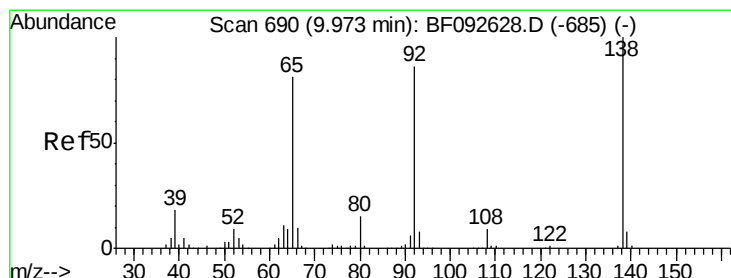
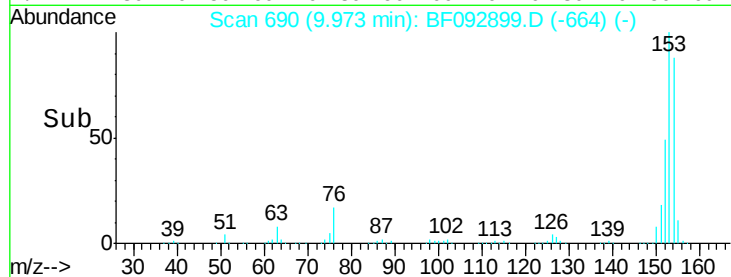
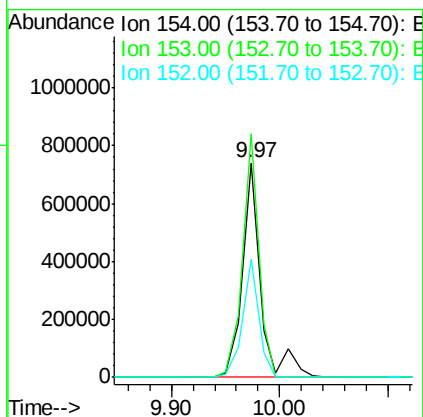
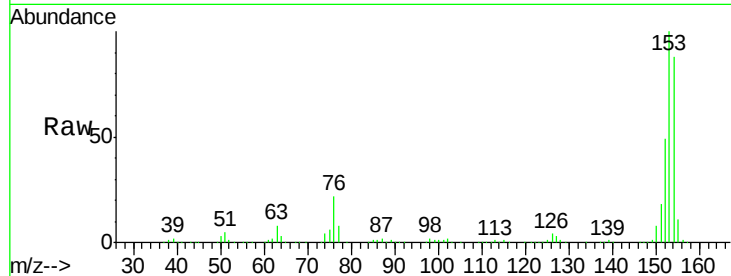
ClientSampleId :

9717MSD

Tgt Ion:	154	Resp:	856645
Ion Ratio	Lower	Upper	
154	100		
153	113.5	88.6	133.0
152	55.1	41.6	62.4

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#52

3-Nitroaniline

Concen: 14.98 ng

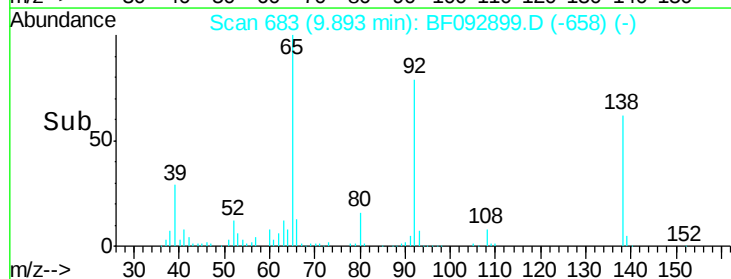
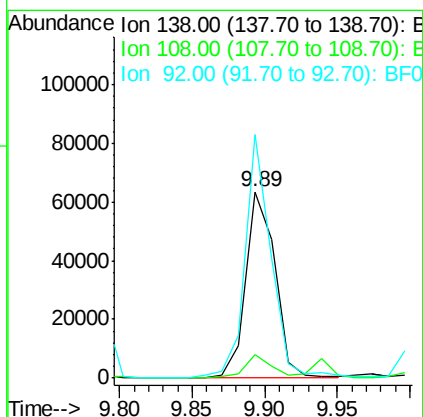
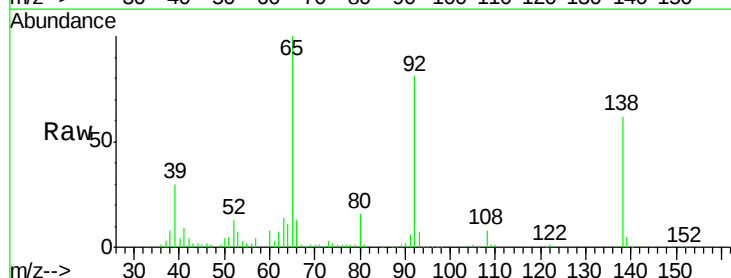
RT: 9.89 min Scan# 683

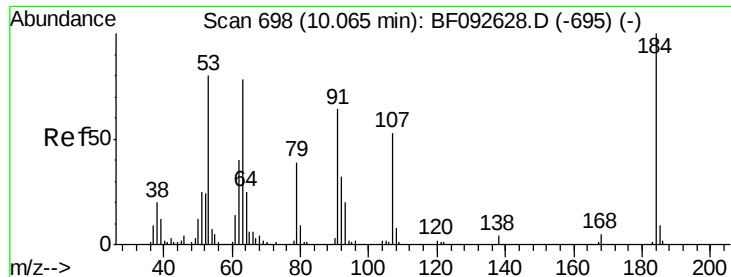
Delta R.T. -0.01 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

Tgt Ion:	138	Resp:	89211
Ion Ratio	Lower	Upper	
138	100		
108	12.5	8.5	12.7
92	130.6	97.8	146.8





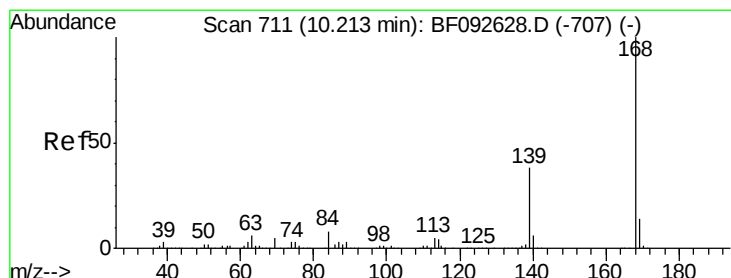
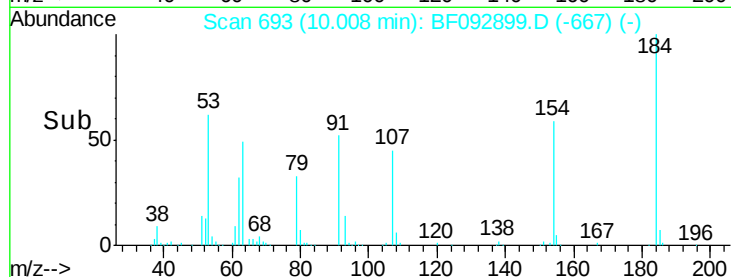
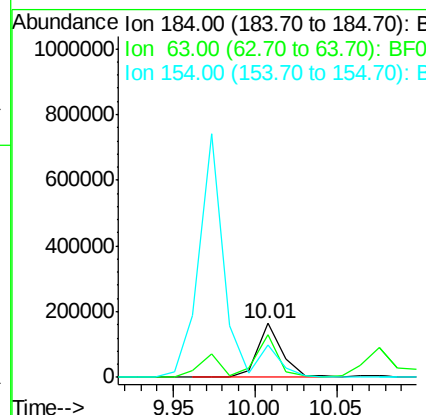
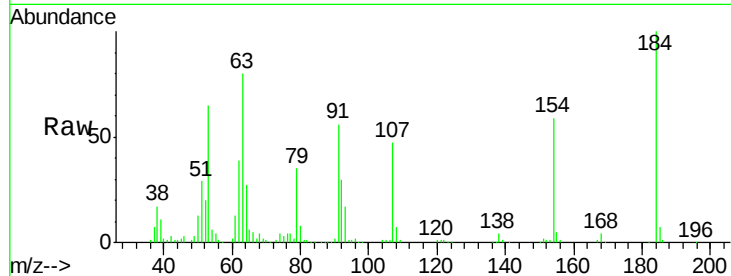
#53
2,4-Dinitrophenol
Concen: 65.93 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

Instrument :
BNA_F
ClientSampled :
9717MSD

Tgt Ion:184 Resp: 172206
Ion Ratio Lower Upper
184 100
63 79.6 28.4 42.6#
154 59.4 44.3 66.5

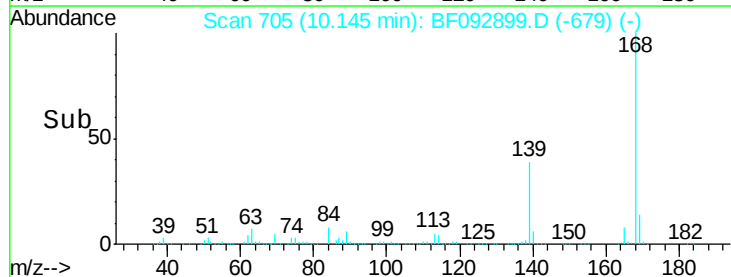
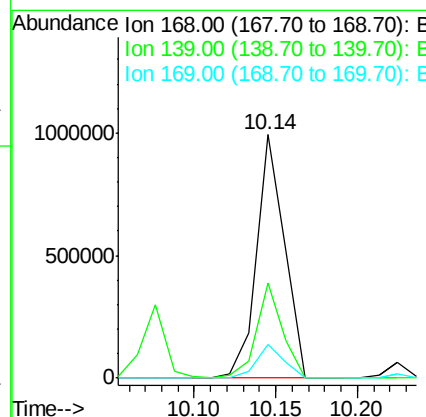
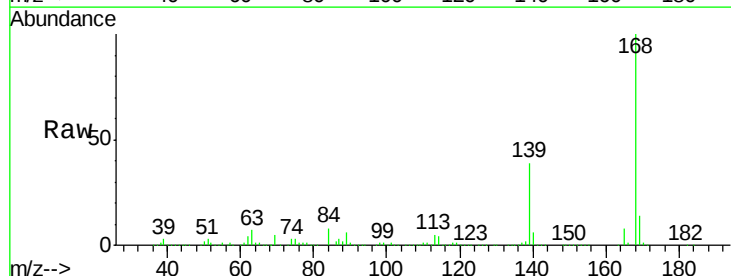
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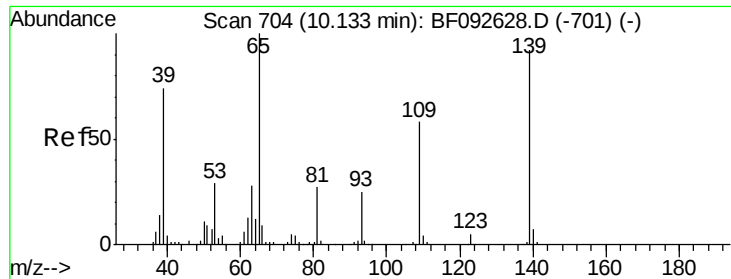
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#54
Dibenzofuran
Concen: 42.13 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

Tgt Ion:168 Resp: 1179546
Ion Ratio Lower Upper
168 100
139 39.1 32.6 49.0
169 13.8 11.3 16.9





#55

4-Nitrophenol

Concen: 70.05 ng

RT: 10.08 min Scan# 699

Delta R.T. 0.01 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

Instrument :

BNA_F

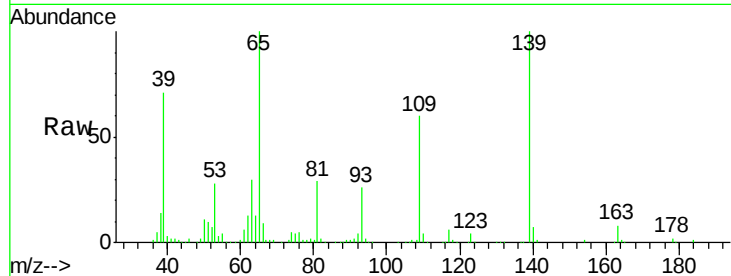
ClientSampleId :

9717MSD

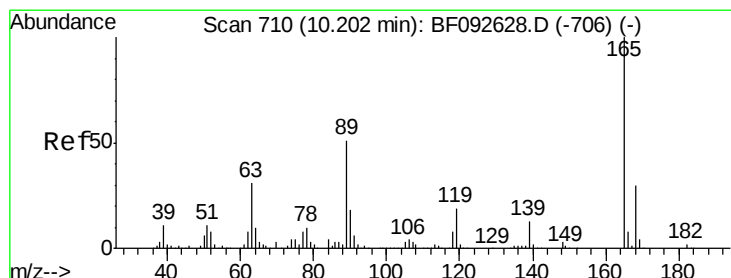
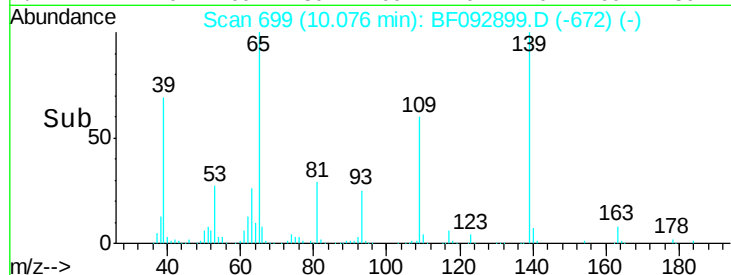
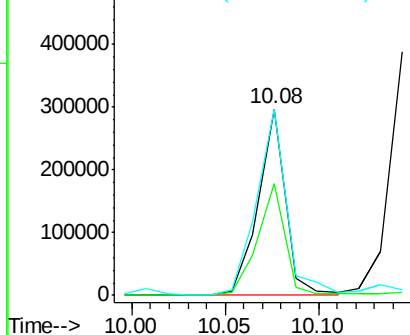
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	300466		
109	60.1	52.2	92.2	
65	100.2	85.8	125.8	

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Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 39.68 ng

RT: 10.13 min Scan# 704

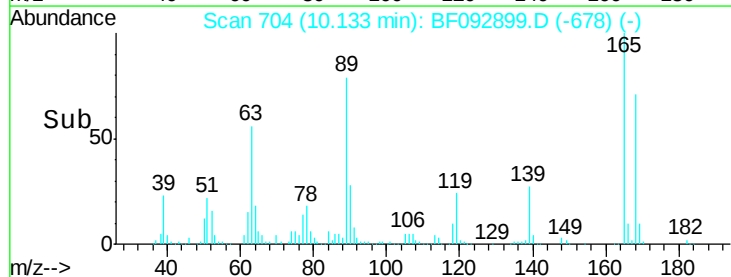
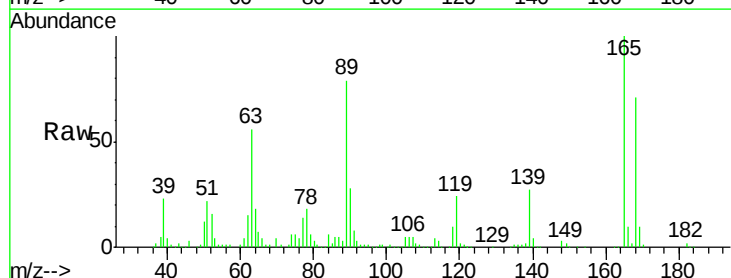
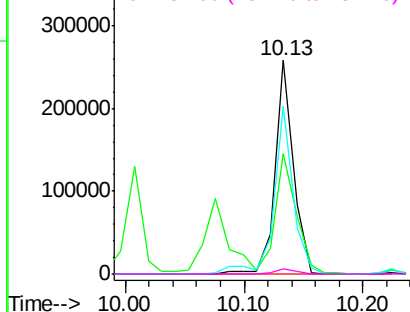
Delta R.T. 0.00 min

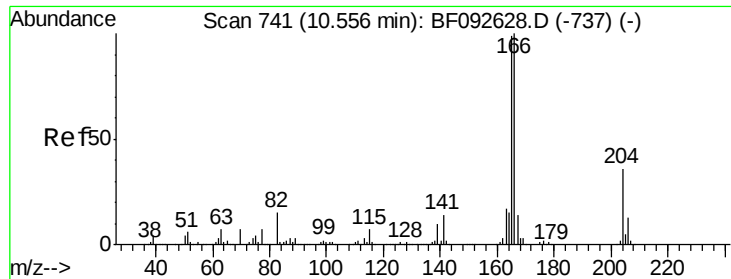
Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	274935		
63	56.3	40.2	60.4	
89	78.8	62.5	93.7	
182	2.2	1.8	2.8	

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.71 ng

RT: 10.49 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

Instrument :

BNA_F

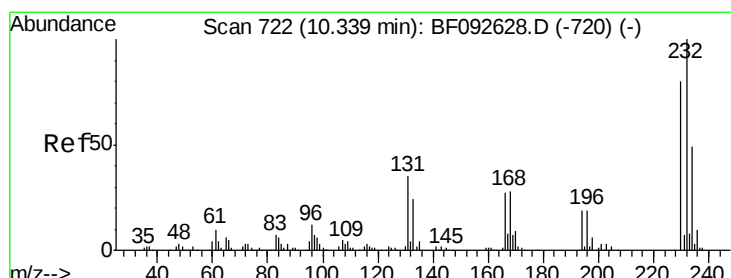
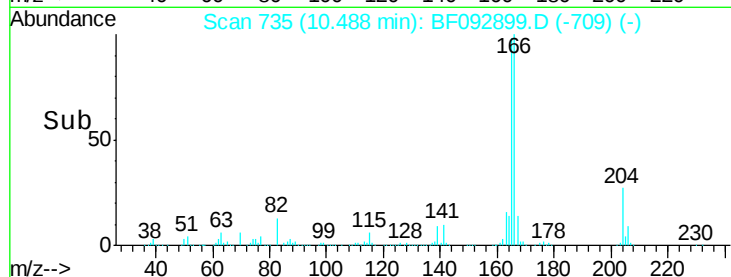
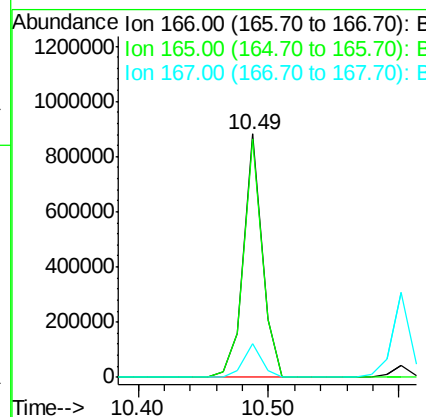
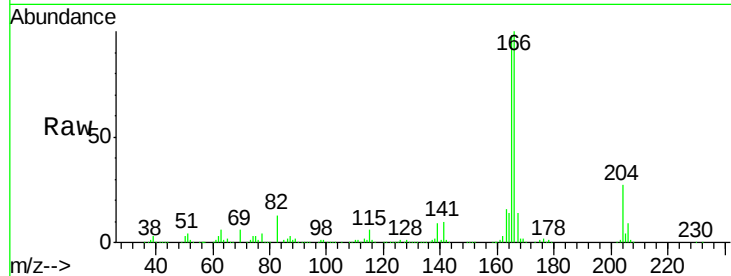
ClientSampleId :

9717MSD

Tgt Ion:	166	Resp:	876797
Ion Ratio	Lower	Upper	
166	100		
165	97.8	77.8	116.8
167	13.6	10.8	16.2

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 50.78 ng

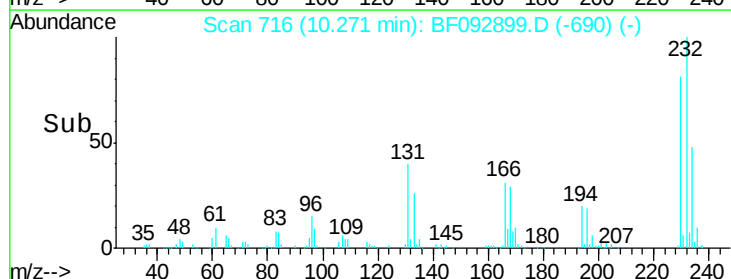
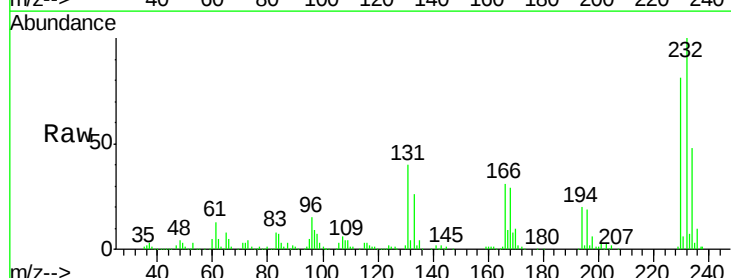
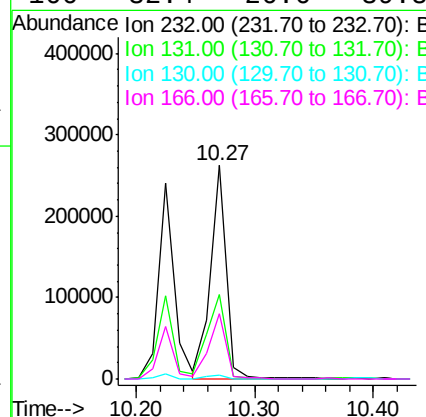
RT: 10.27 min Scan# 716

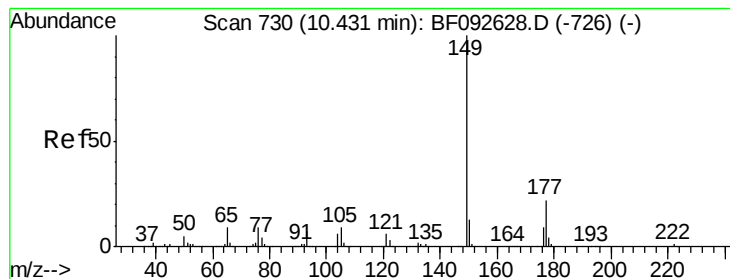
Delta R.T. 0.00 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

Tgt Ion:	232	Resp:	244938
Ion Ratio	Lower	Upper	
232	100		
131	46.3	40.1	60.1
130	2.2	1.8	2.8
166	32.4	26.6	39.8





#59

Diethylphthalate

Concen: 43.69 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

Instrument :

BNA_F

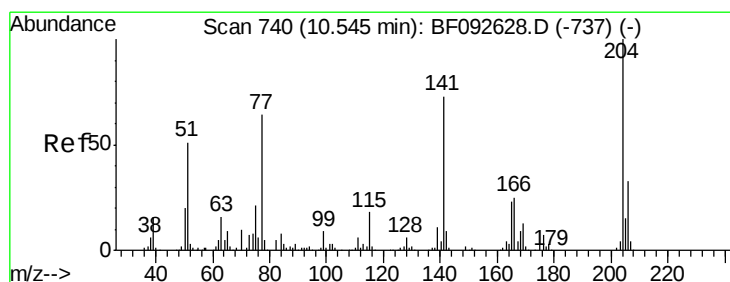
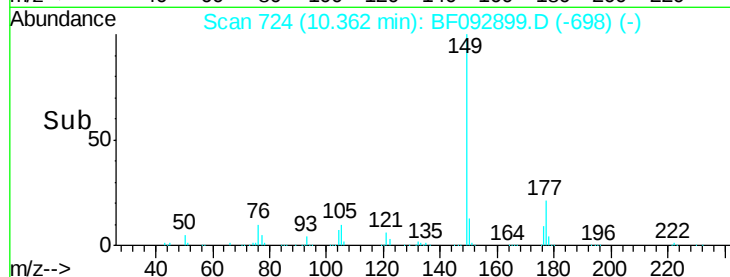
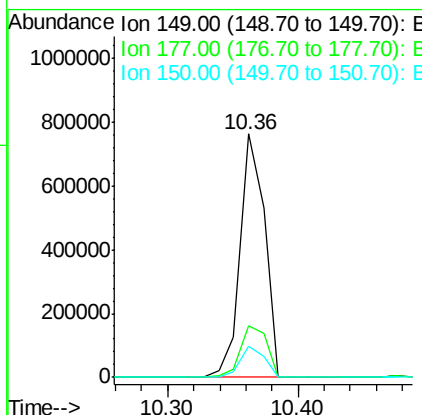
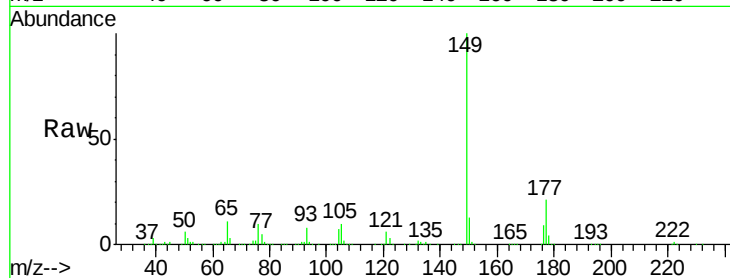
ClientSampleId :

9717MSD

Tgt Ion:	149	Resp:	992144
Ion Ratio	Lower	Upper	
149	100		
177	21.3	16.6	25.0
150	13.0	10.4	15.6

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#60

4-Chlorophenyl-phenylether

Concen: 39.50 ng

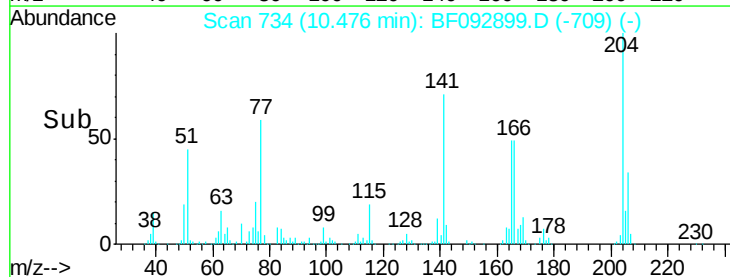
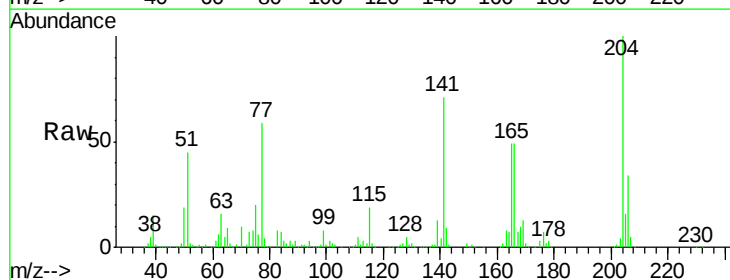
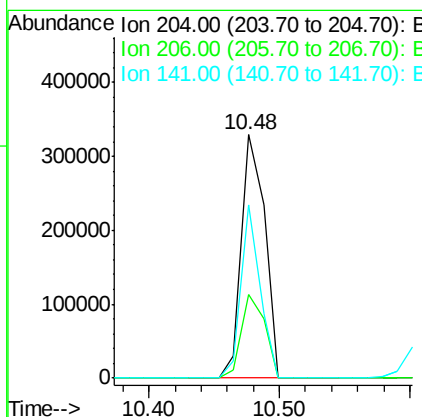
RT: 10.48 min Scan# 734

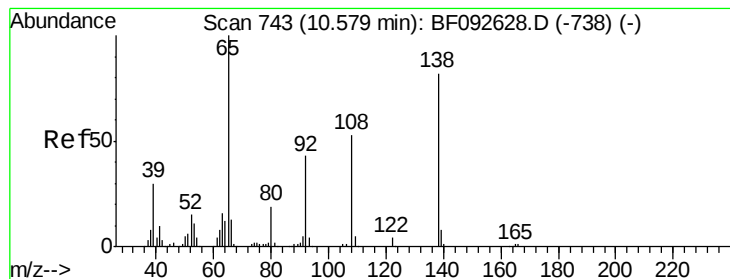
Delta R.T. -0.01 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

Tgt Ion:	204	Resp:	408722
Ion Ratio	Lower	Upper	
204	100		
206	34.3	25.8	38.6
141	71.3	59.4	89.0





#61

4-Nitroaniline

Concen: 39.10 ng

RT: 10.52 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

Instrument :

BNA_F

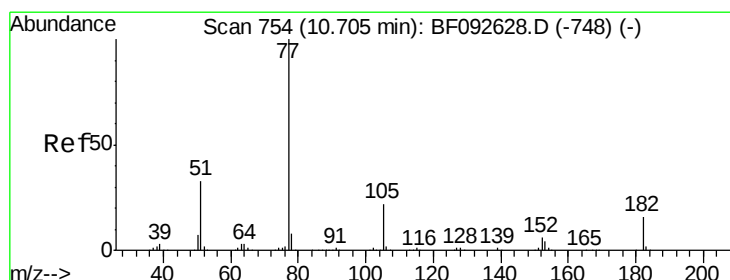
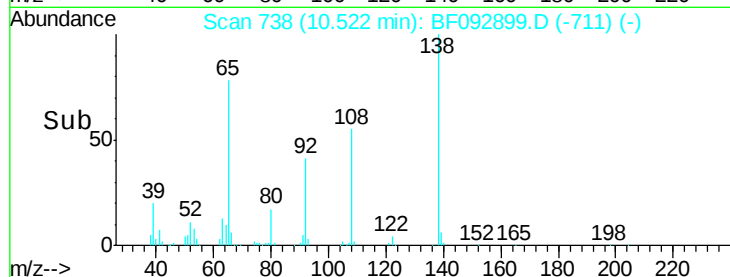
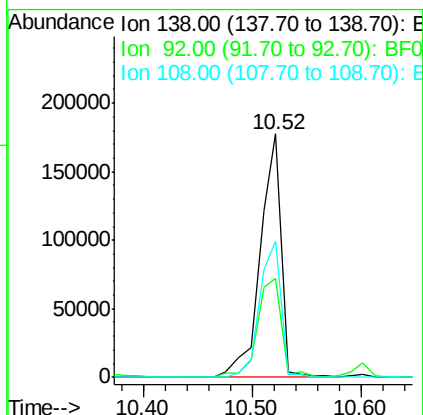
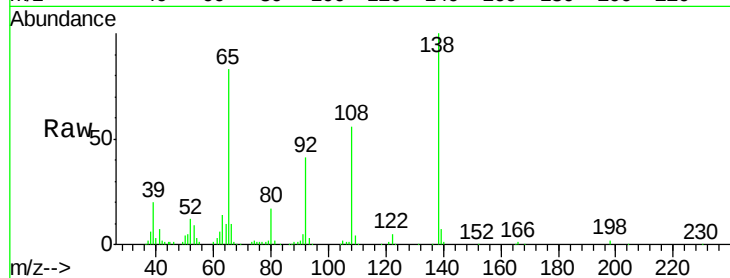
ClientSampleId :

9717MSD

Tgt Ion:	138	Resp:	238489
Ion	Ratio	Lower	Upper
138	100		
92	40.6	31.7	71.7
108	55.9	52.6	92.6

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#62

Azobenzene

Concen: 45.65 ng

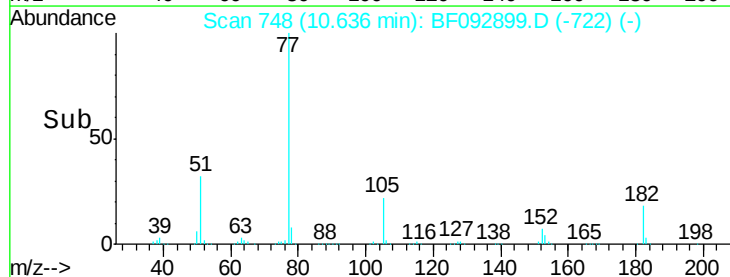
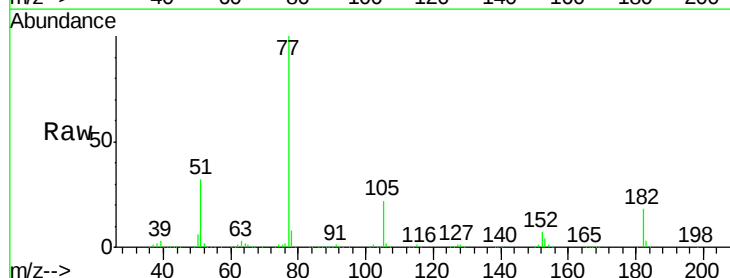
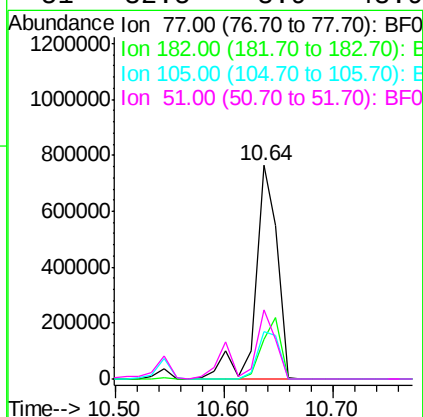
RT: 10.64 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

Tgt Ion:	77	Resp:	1071013
Ion	Ratio	Lower	Upper
77	100		
182	18.3	0.0	39.3
105	22.2	2.3	42.3
51	32.5	8.9	48.9





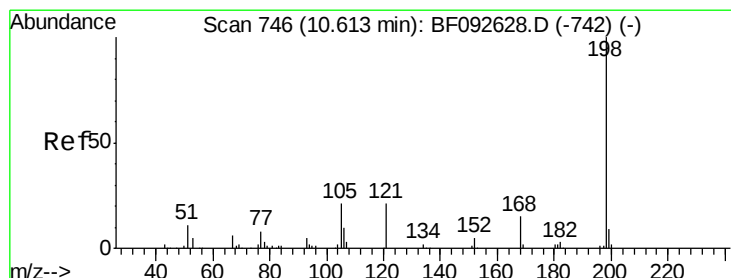
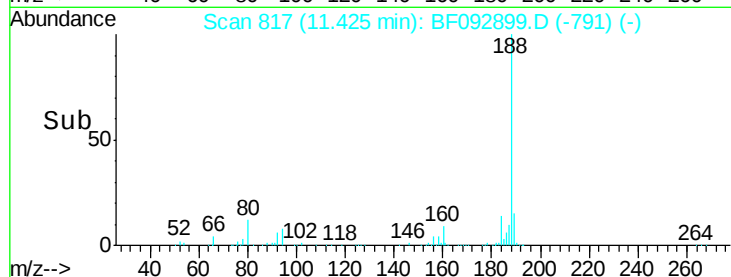
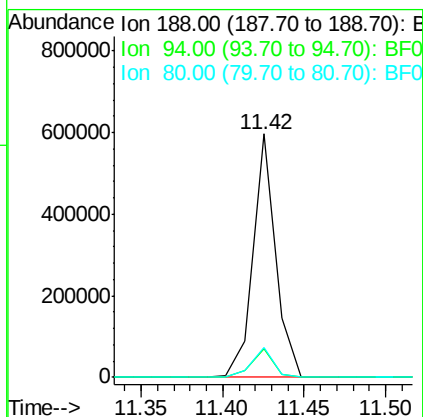
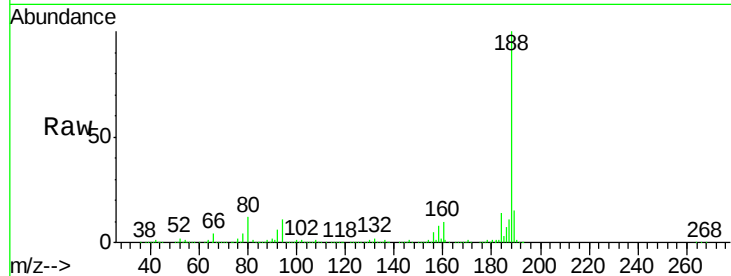
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

Instrument :
BNA_F
ClientSampleId :
9717MSD

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	576452		
94	11.5	10.0	15.0	
80	12.1	11.2	16.8	

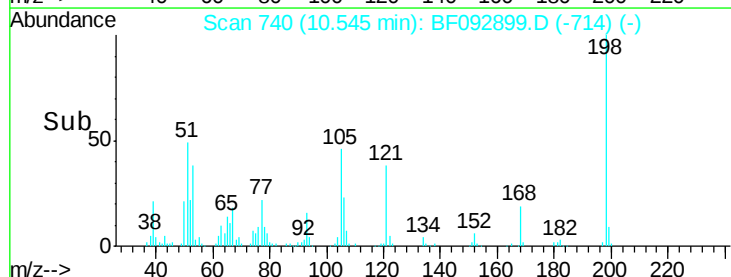
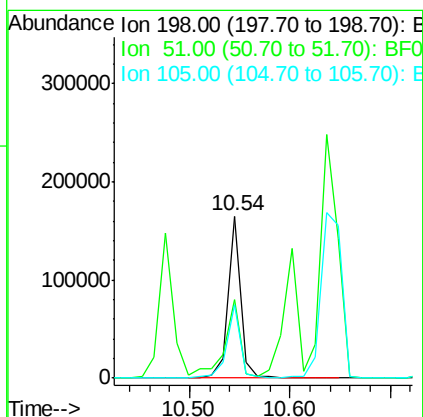
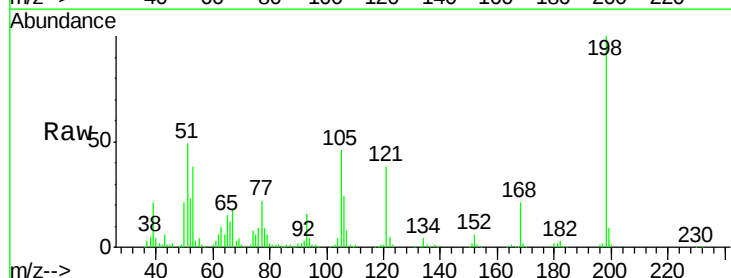
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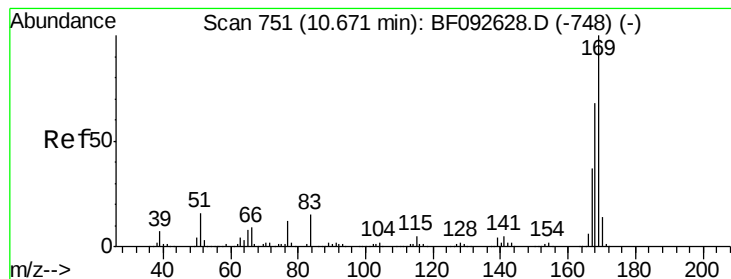
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#64
4,6-Dinitro-2-methylphenol
Concen: 41.37 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	143774		
51	48.9	6.7	46.7#	
105	45.6	16.6	56.6	





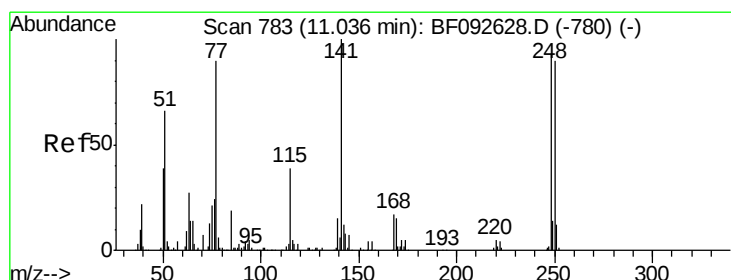
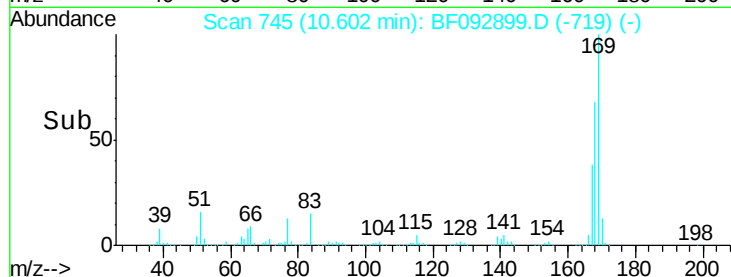
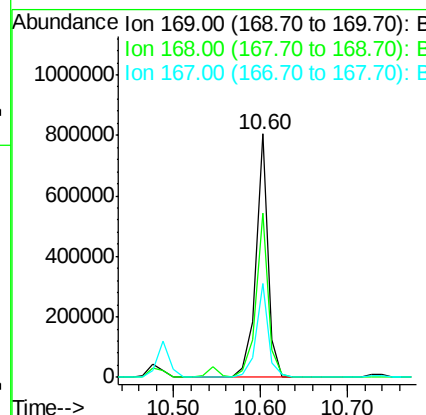
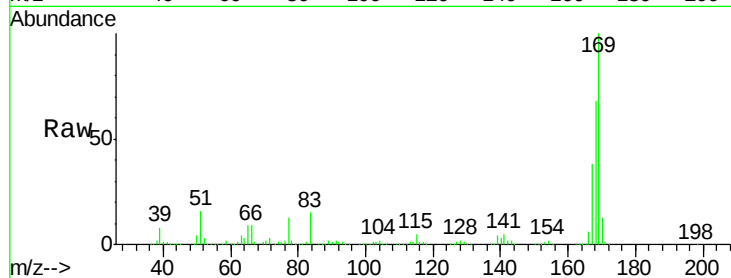
#65
n-Nitrosodiphenylamine
Concen: 43.00 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

Instrument :
BNA_F
ClientSampleId :
9717MSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	791871		
168	67.6	54.2	81.2	
167	38.4	30.2	45.4	

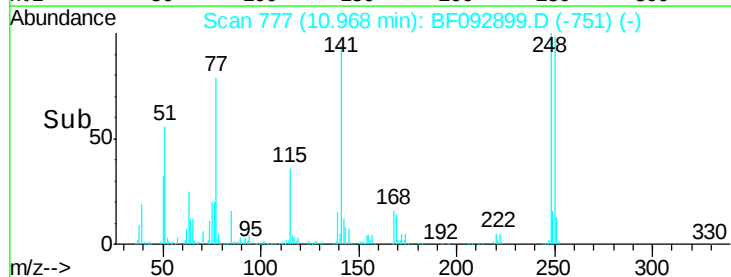
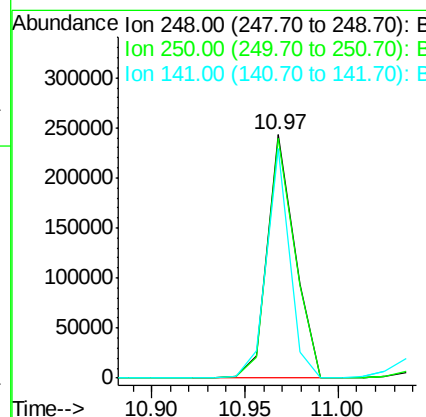
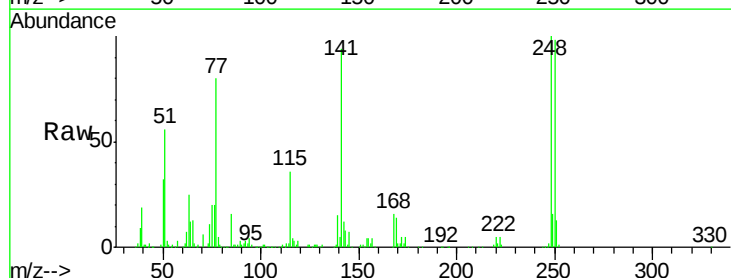
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#66
4-Bromophenyl-phenylether
Concen: 41.09 ng
RT: 10.97 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	247473		
250	98.3	76.9	115.3	
141	94.2	68.2	102.4	





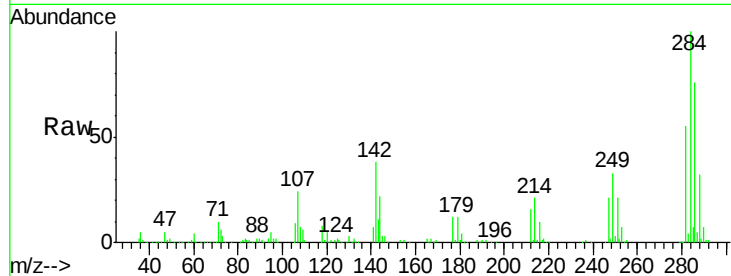
#67
Hexachlorobenzene
Concen: 42.13 ng
RT: 11.04 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

Instrument :
BNA_F
ClientSampleId :
9717MSD

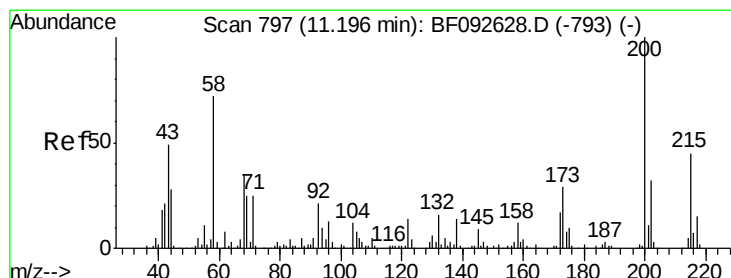
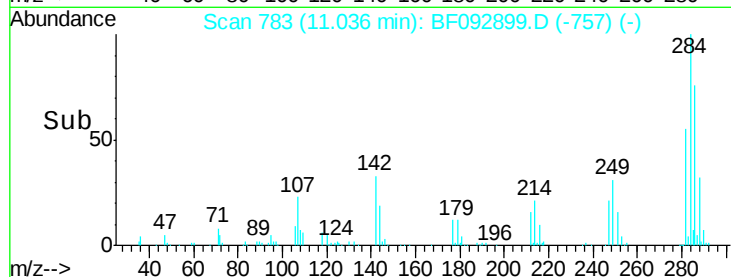
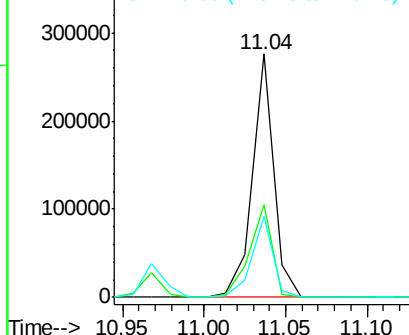
Tgt Ion	Ratio	Resp Lower	Upper
284	100		
142	38.1	22.6	33.8#
249	33.3	25.4	38.0

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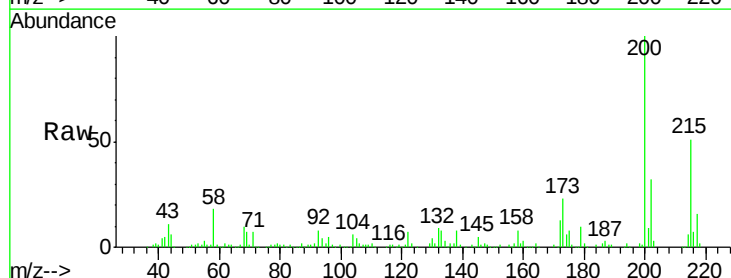


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

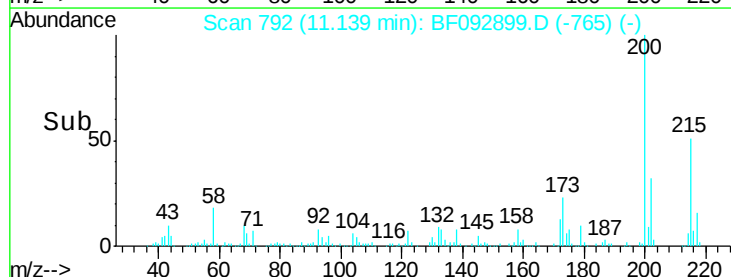
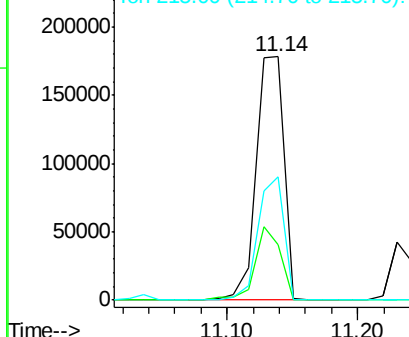


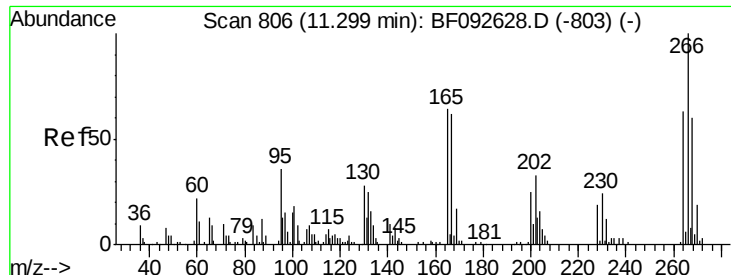
#68
Atrazine
Concen: 44.77 ng
RT: 11.14 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	22.8	9.6	49.6
215	50.8	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





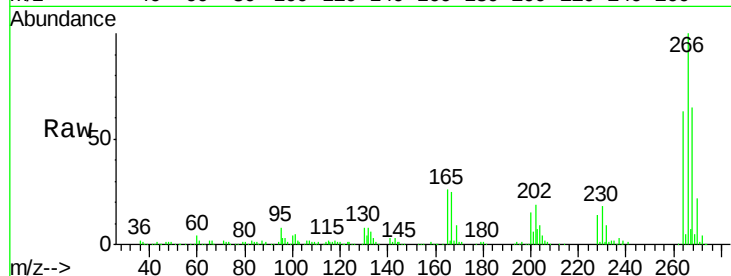
#69
 Pentachlorophenol
 Concen: 89.14 ng
 RT: 11.24 min Scan# 801
 Delta R.T. 0.01 min
 Lab File: BF092899.D
 Acq: 10 Feb 2017 22:39

Instrument :
 BNA_F
 ClientSampleId :
 9717MSD

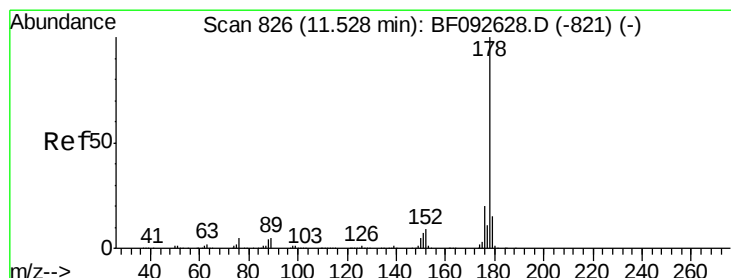
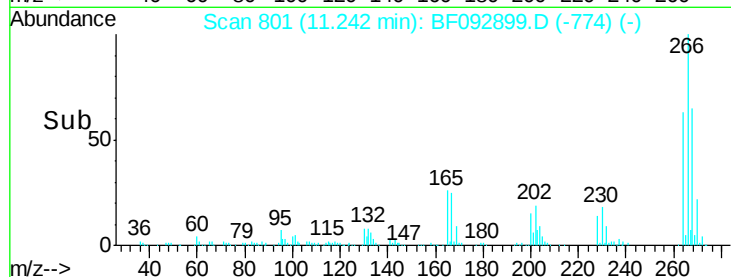
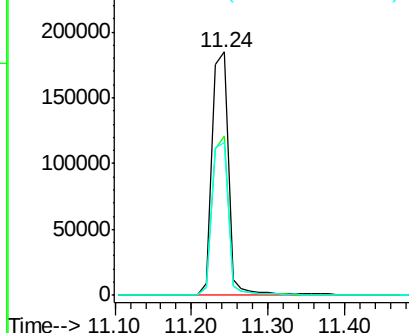
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	276631		
268	65.5	53.3	79.9	
264	62.5	50.3	75.5	

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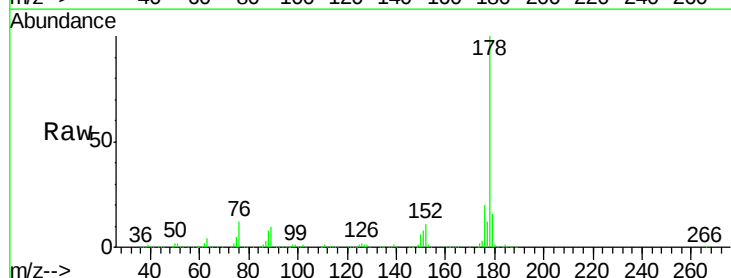


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

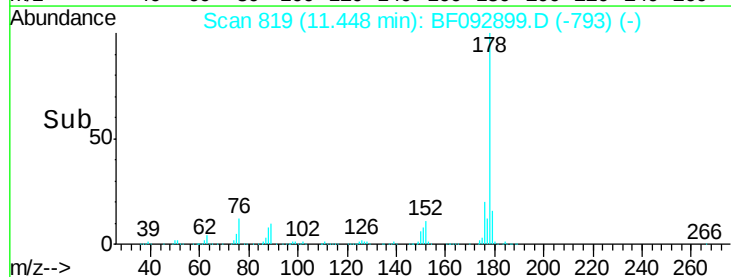
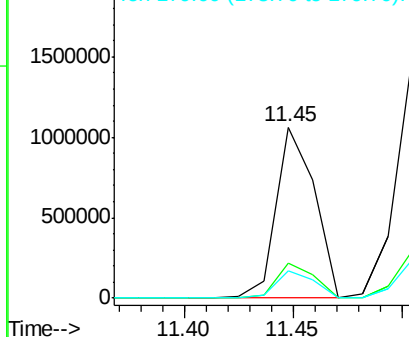


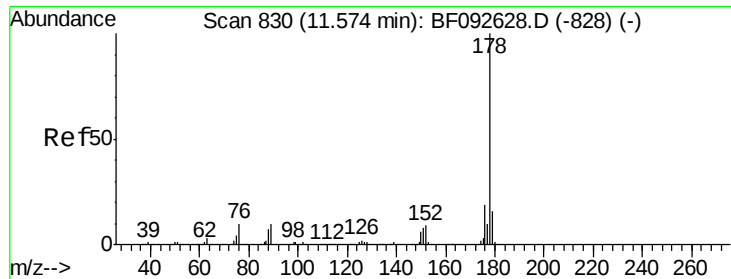
#70
 Phenanthrene
 Concen: 39.78 ng
 RT: 11.45 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF092899.D
 Acq: 10 Feb 2017 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1313649		
176	20.1	16.6	25.0	
179	16.3	12.8	19.2	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 41.56 ng

RT: 11.50 min Scan# 824

Delta R.T. 0.00 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

Instrument :

BNA_F

ClientSampleId :

9717MSD

Tgt Ion:178 Resp: 1378406

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

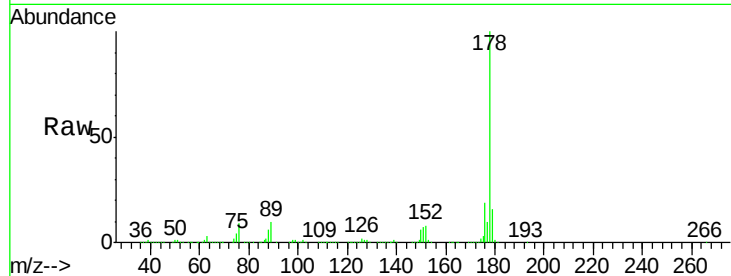
179 15.8 13.2 19.8

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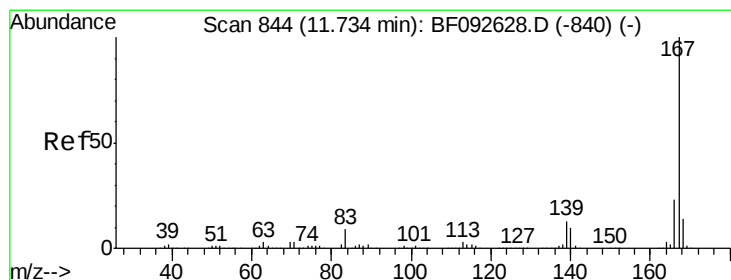
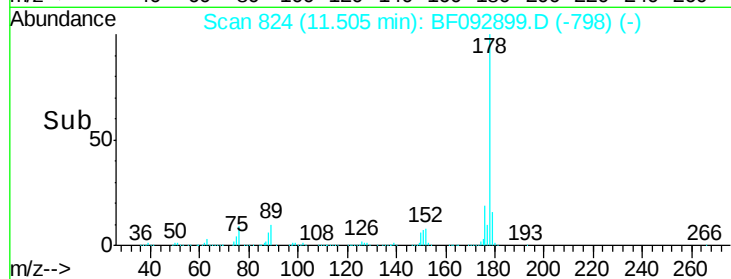
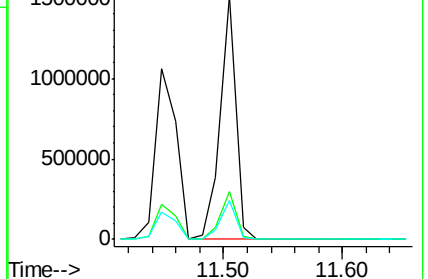
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.98 ng

RT: 11.66 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

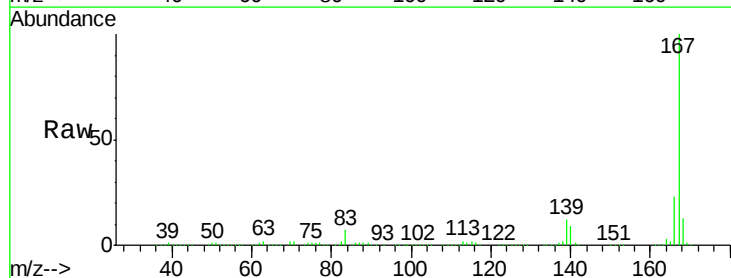
Tgt Ion:167 Resp: 1330762

Ion Ratio Lower Upper

167 100

166 22.7 18.2 27.2

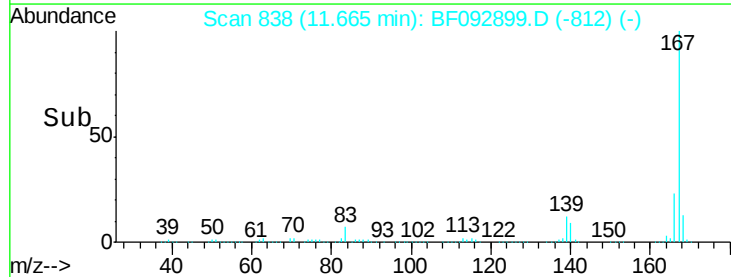
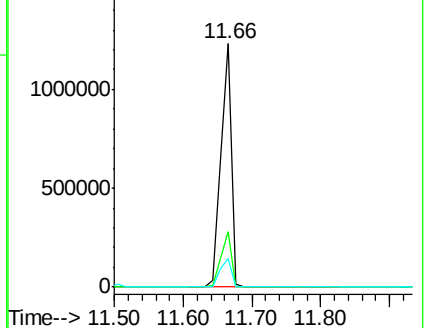
139 12.0 11.4 17.2

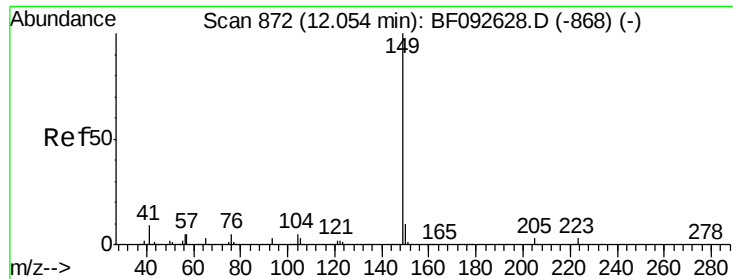


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.13 ng

RT: 11.98 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

Instrument :

BNA_F

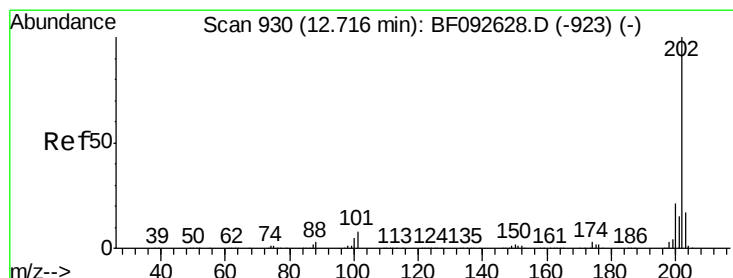
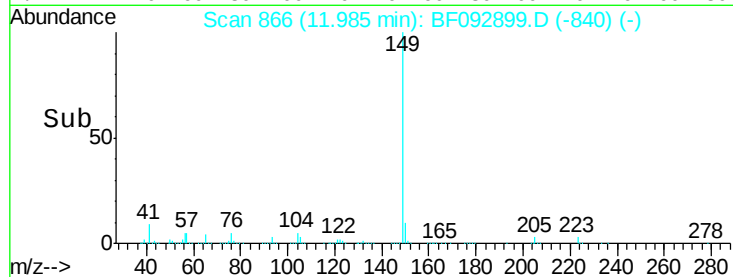
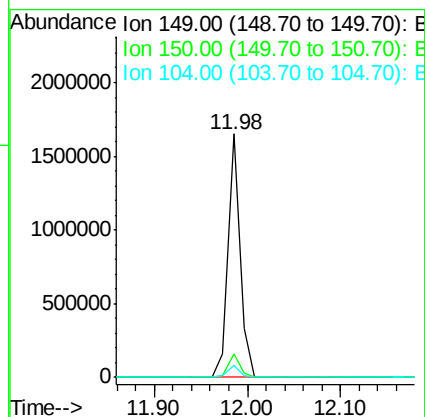
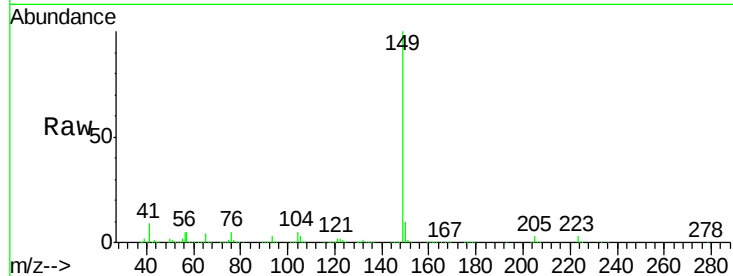
ClientSampleId :

9717MSD

Tgt Ion:149 Resp: 1478657
 Ion Ratio Lower Upper
 149 100
 150 9.7 8.1 12.1
 104 4.7 4.6 7.0

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#74

Fluoranthene

Concen: 37.48 ng

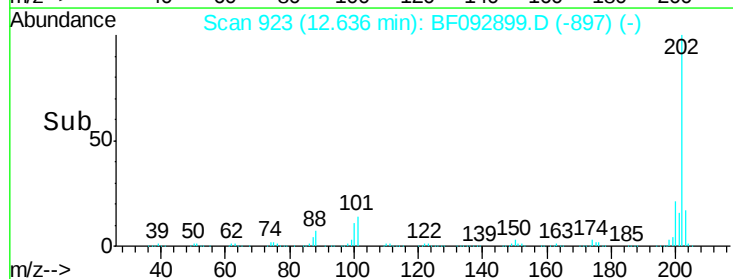
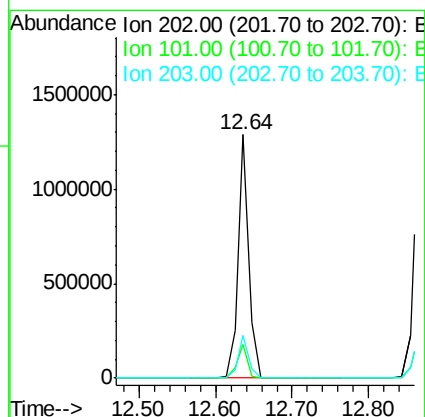
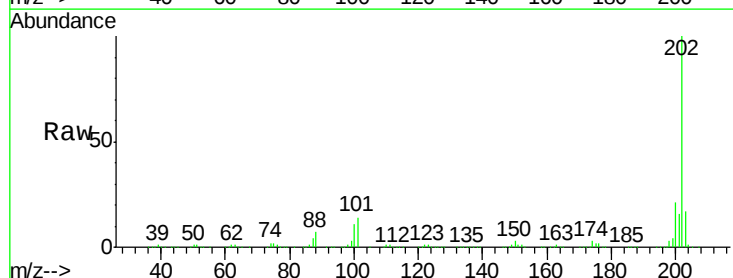
RT: 12.64 min Scan# 923

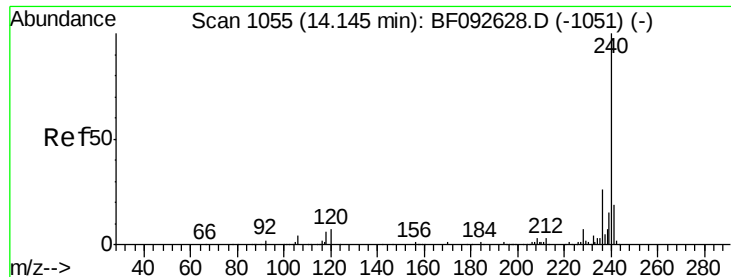
Delta R.T. 0.00 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

Tgt Ion:202 Resp: 1276722
 Ion Ratio Lower Upper
 202 100
 101 14.0 0.0 34.6
 203 17.4 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

Instrument :

BNA_F

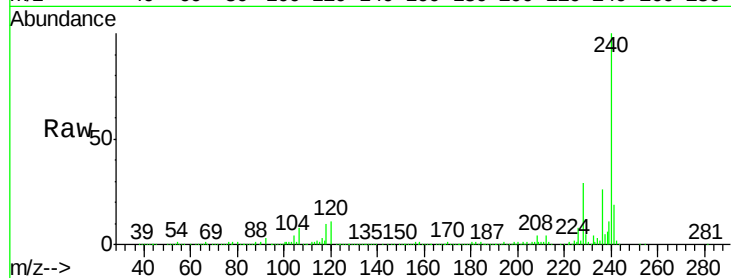
ClientSampleId :

9717MSD

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	12.9	19.3#
236	25.6	20.9	31.3

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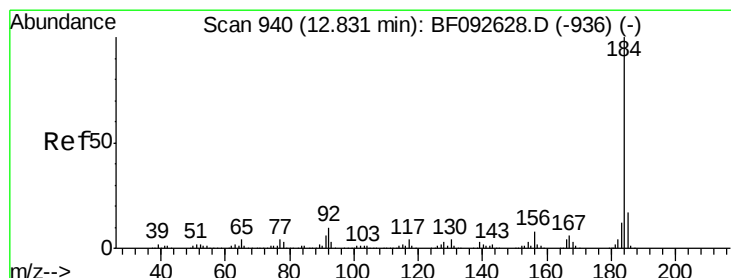
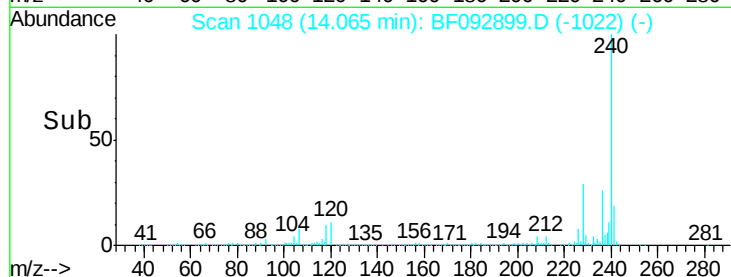
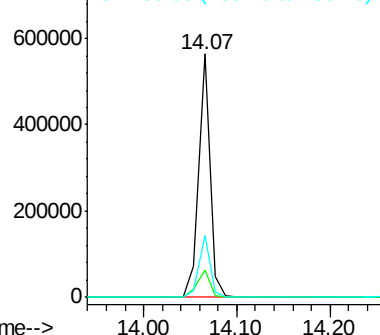
mohammad
2/13/2017 12:40:57 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 15.18 ng

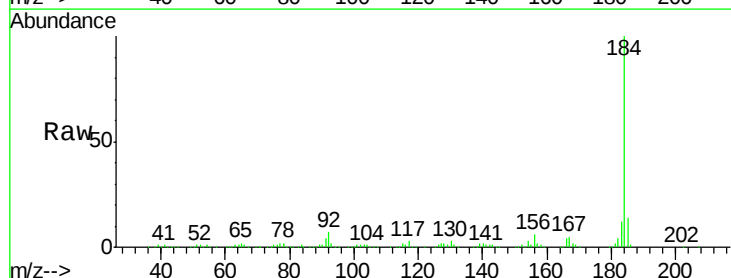
RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

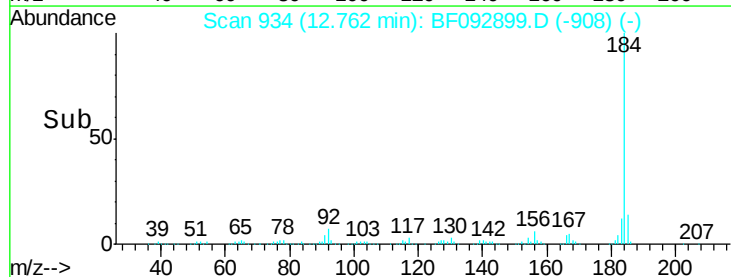
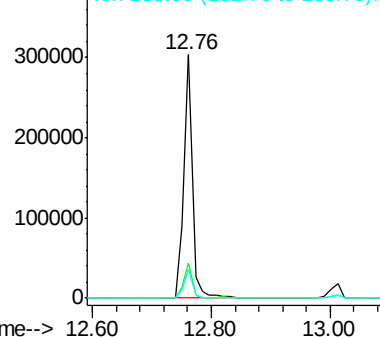
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.2	13.4	20.0
183	11.9	9.2	13.8

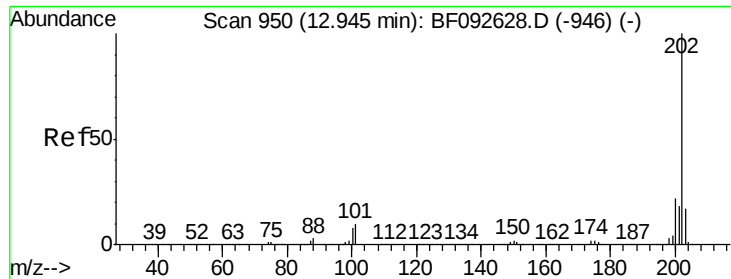


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





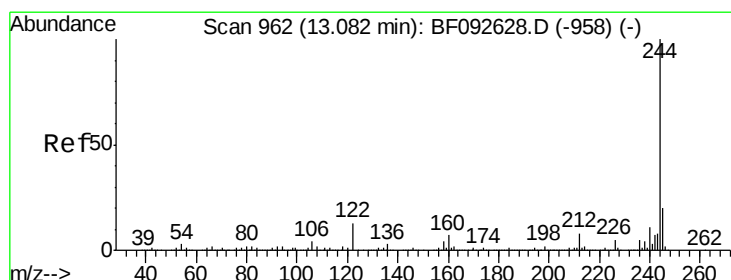
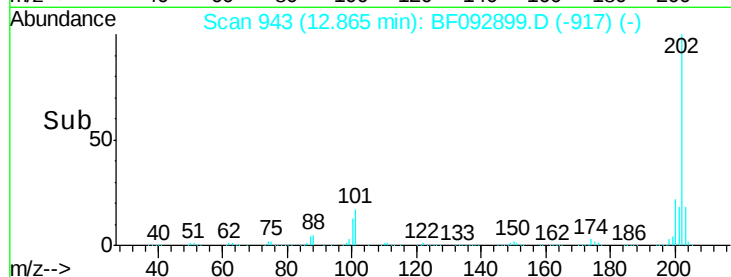
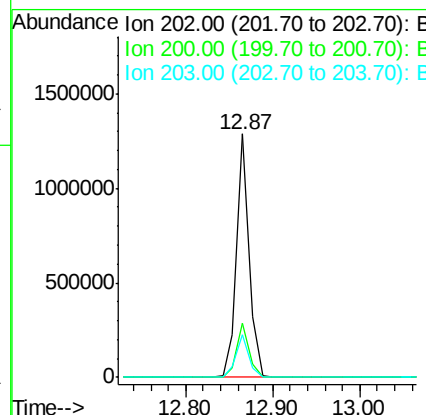
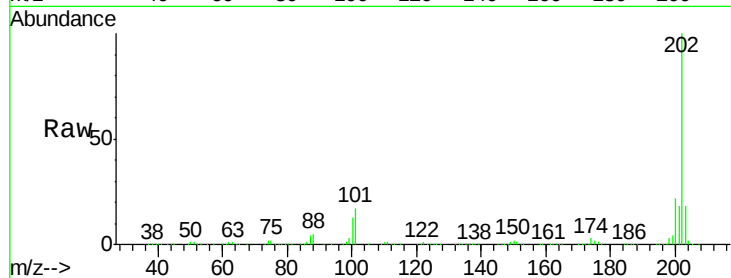
#77
 Pyrene
 Concen: 35.68 ng
 RT: 12.87 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF092899.D
 Acq: 10 Feb 2017 22:39

Instrument :
 BNA_F
 ClientSampleId :
 9717MSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.7	26.5
203	17.6	14.7	22.1

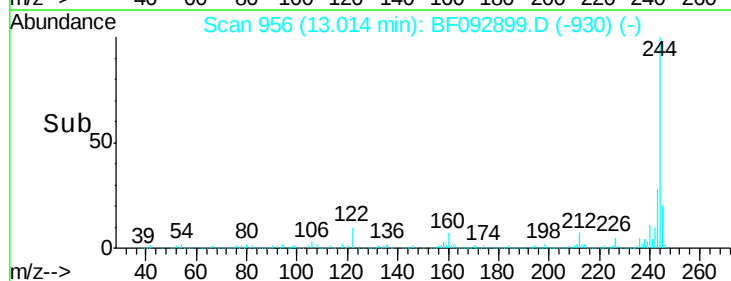
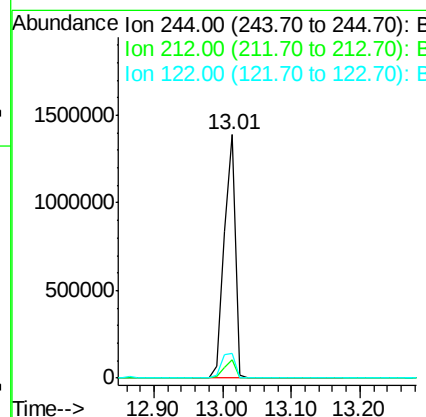
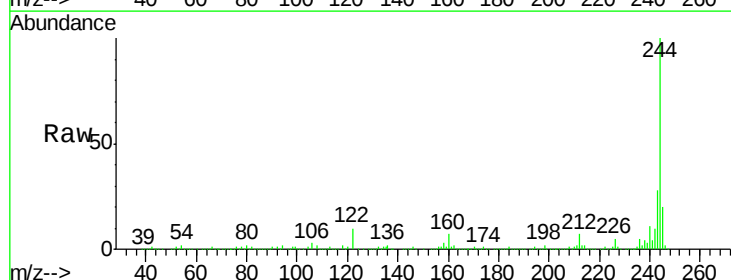
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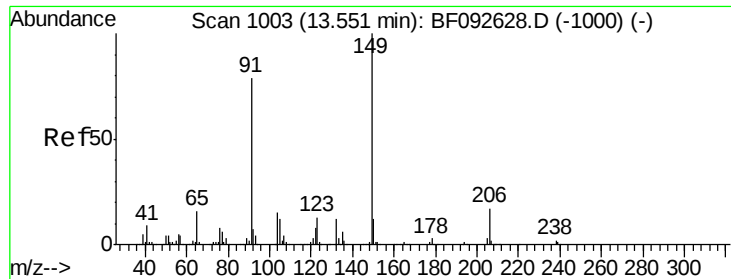
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#78
 Terphenyl-d14
 Concen: 78.90 ng
 RT: 13.01 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BF092899.D
 Acq: 10 Feb 2017 22:39

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	10.3	11.4	17.2#





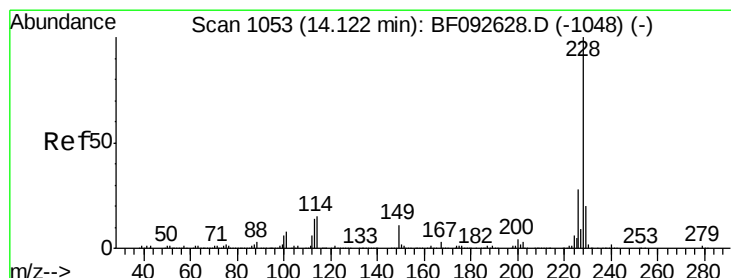
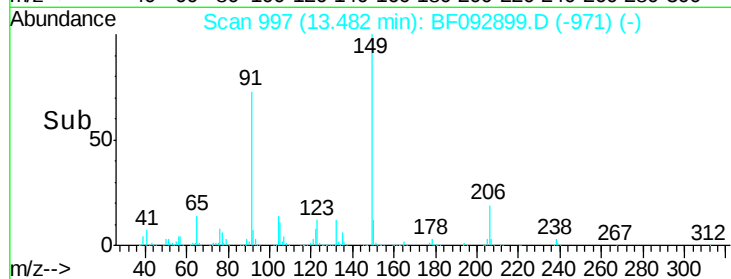
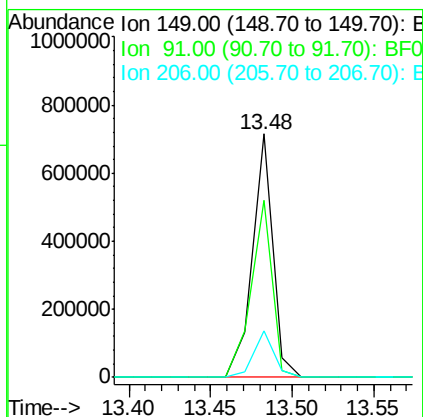
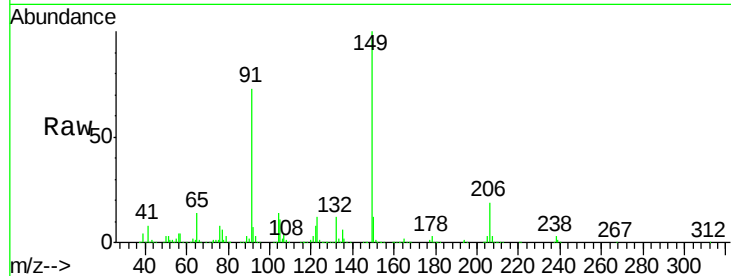
#79
Butylbenzylphthalate
Concen: 43.12 ng
RT: 13.48 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

Instrument :
BNA_F
ClientSampleId :
9717MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	72.9	63.9	95.9
206	19.3	14.6	21.8

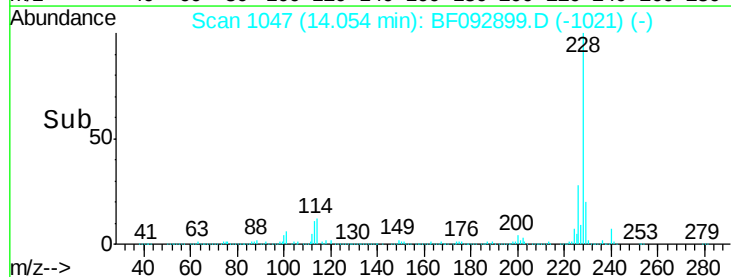
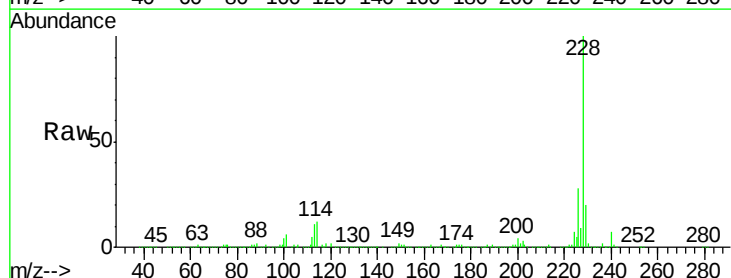
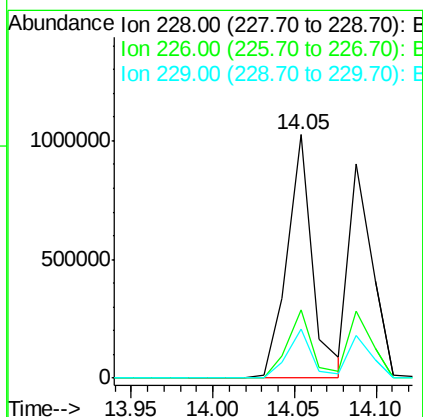
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#80
Benzo(a)anthracene
Concen: 38.24 ng
RT: 14.05 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.9	22.4	33.6
229	20.2	16.2	24.4





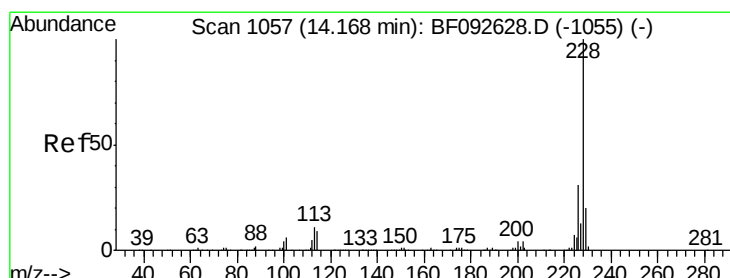
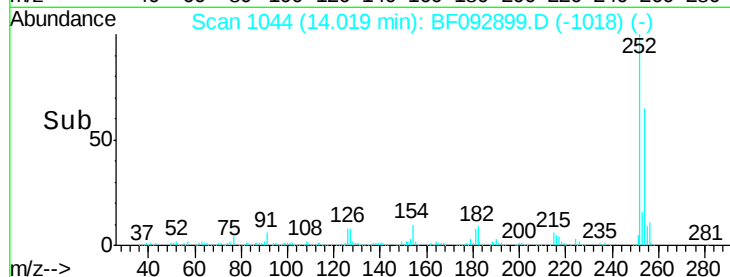
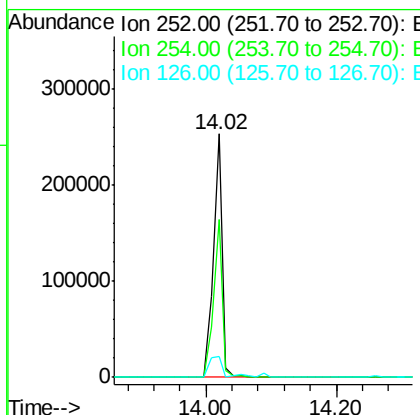
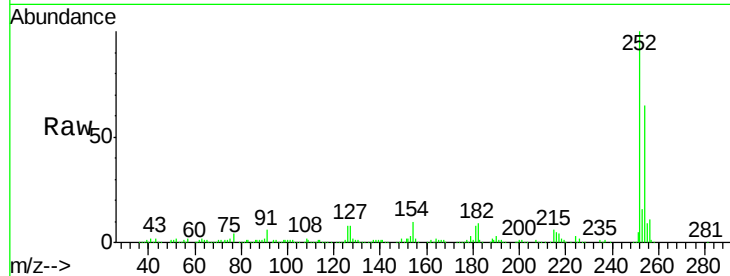
#81
 3,3'-Dichlorobenzidine
 Concen: 23.67 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF092899.D
 Acq: 10 Feb 2017 22:39

Instrument :
 BNA_F
 ClientSampleId :
 9717MSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	245727		
254	64.7	52.3	78.5	
126	8.4	13.6	20.4	

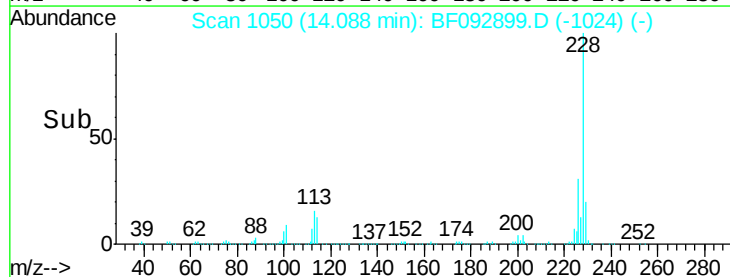
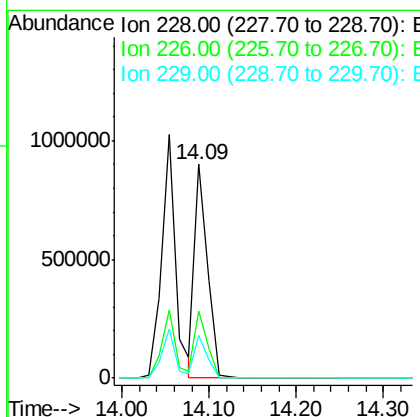
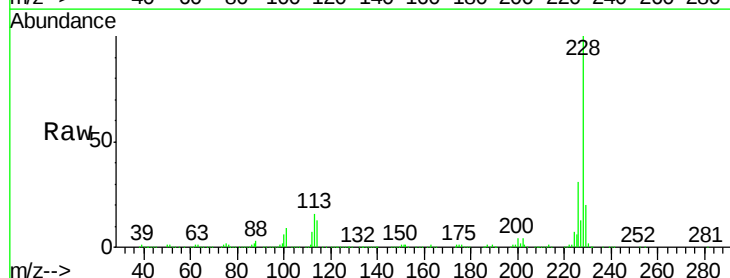
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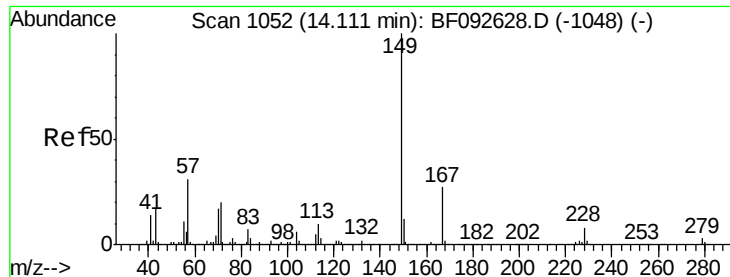
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#82
 Chrysene
 Concen: 33.73 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF092899.D
 Acq: 10 Feb 2017 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	919835		
226	31.2	25.4	38.0	
229	19.8	16.2	24.2	





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.02 ng

RT: 14.04 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

Instrument :

BNA_F

ClientSampleId :

9717MSD

Tgt Ion:149 Resp: 910726
Ion Ratio Lower Upper

149 100

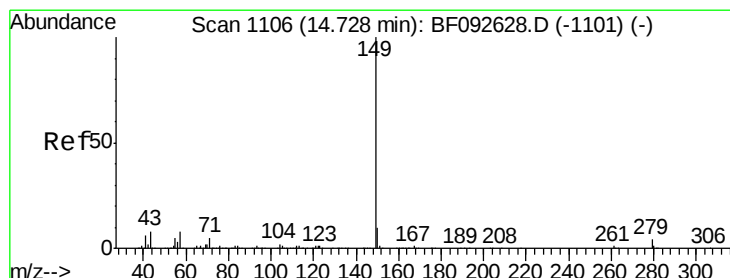
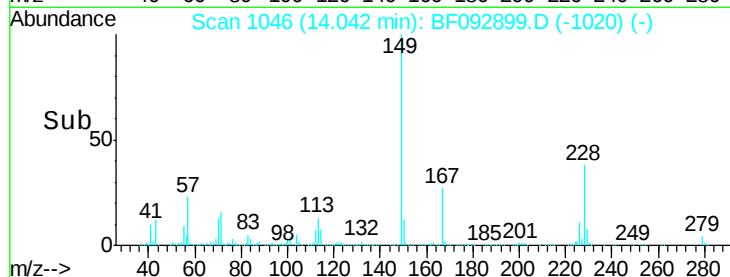
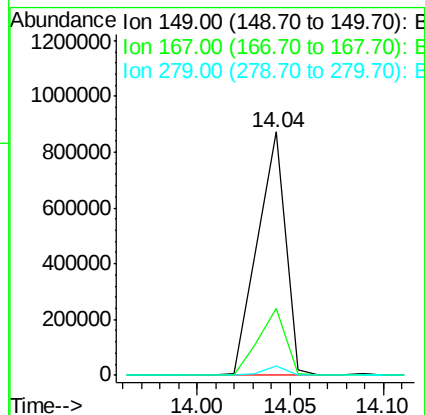
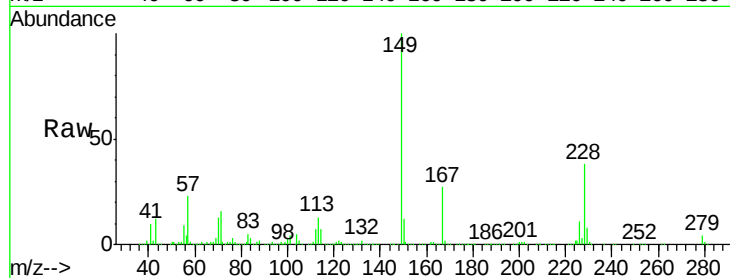
167 27.4 20.2 30.4

279 3.6 1.8 2.8#

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#84

Di-n-octyl phthalate

Concen: 44.43 ng

RT: 14.65 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BF092899.D

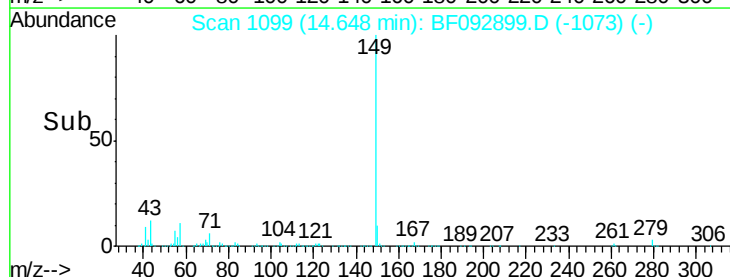
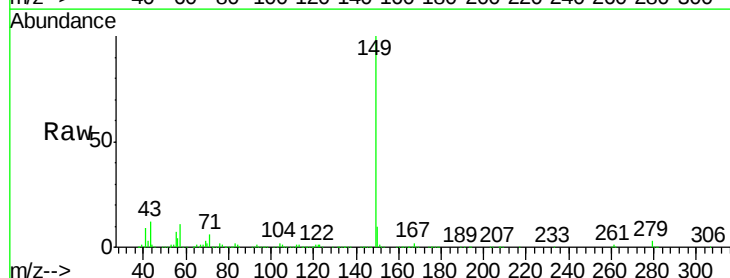
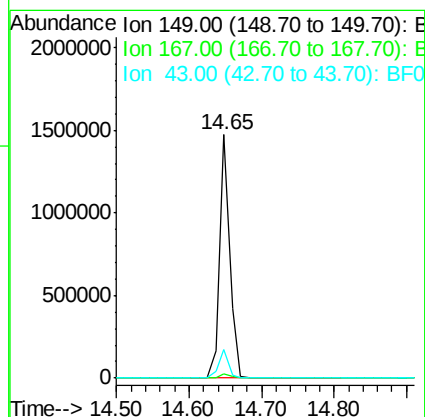
Acq: 10 Feb 2017 22:39

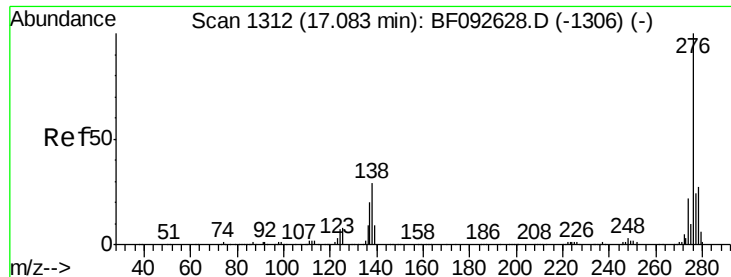
Tgt Ion:149 Resp: 1431818
Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.3 8.9 13.3





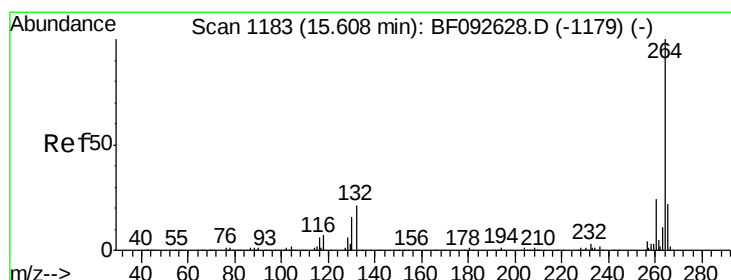
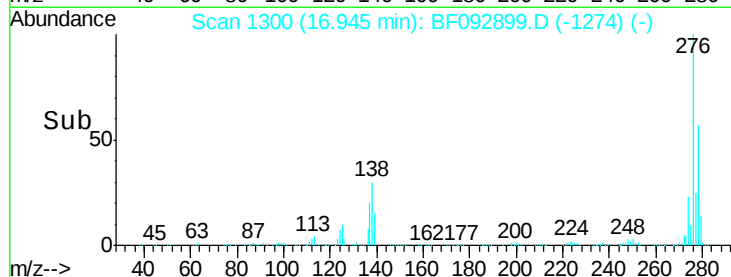
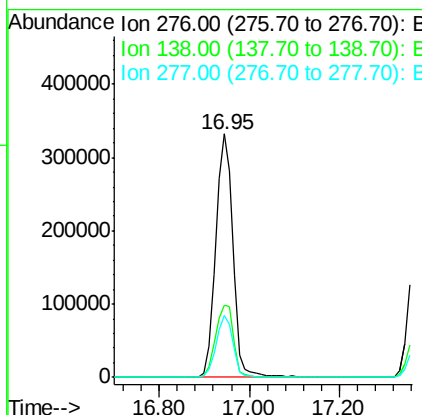
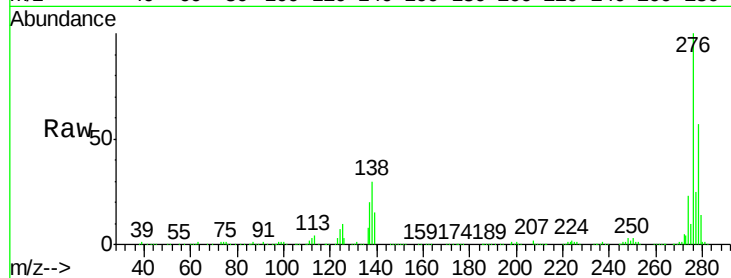
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.90 ng
 RT: 16.95 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BF092899.D
 Acq: 10 Feb 2017 22:39

Instrument :
 BNA_F
 ClientSampleId :
 9717MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.5	21.8	32.6
277	25.1	20.2	30.4

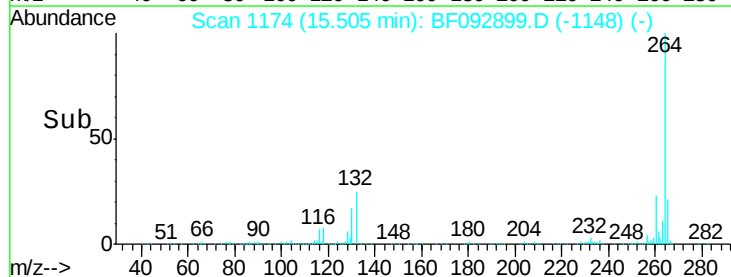
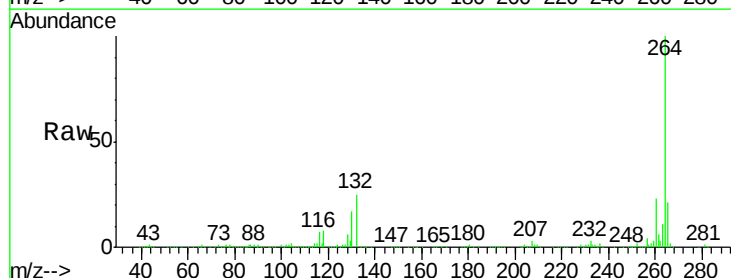
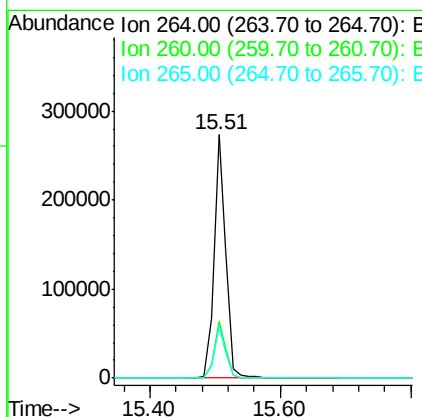
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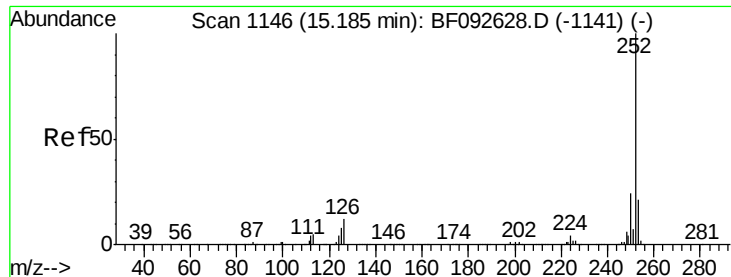
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF092899.D
 Acq: 10 Feb 2017 22:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.4	17.4	26.0





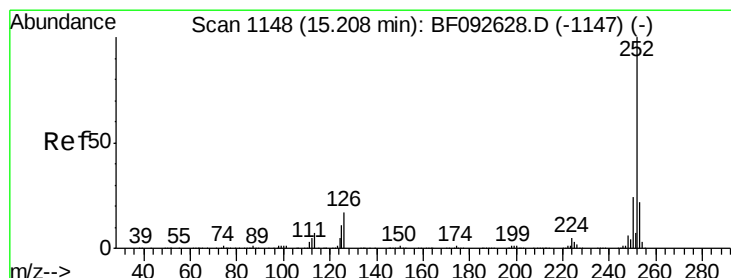
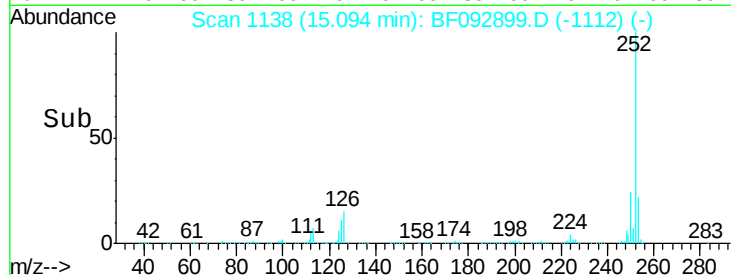
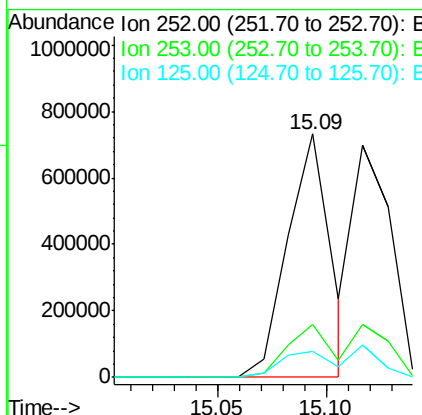
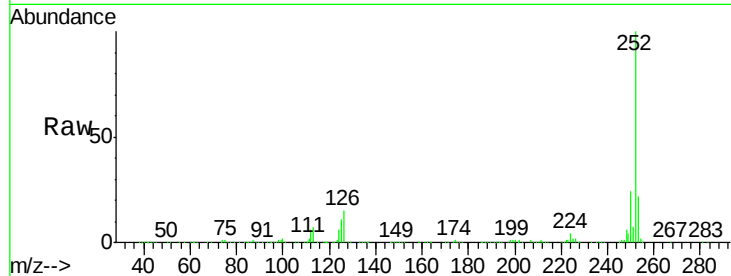
#87
Benzo(b)fluoranthene
Concen: 43.54 ng
RT: 15.09 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

Instrument :
BNA_F
ClientSampleId :
9717MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	10.8	9.8	14.6

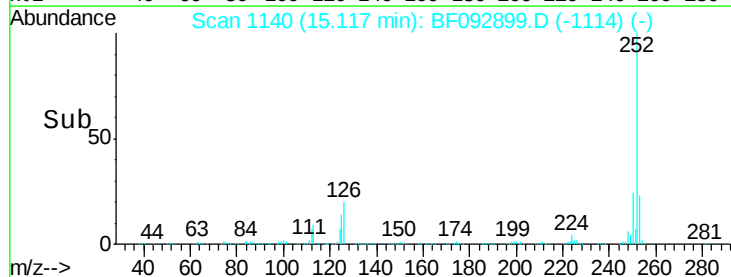
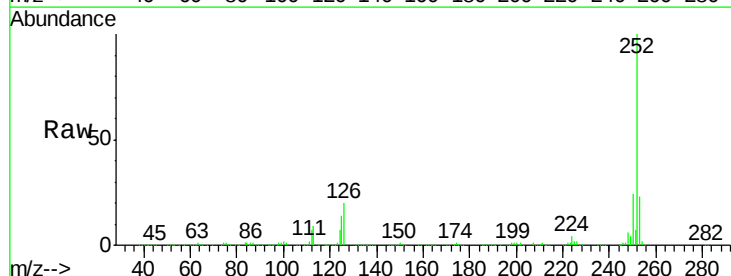
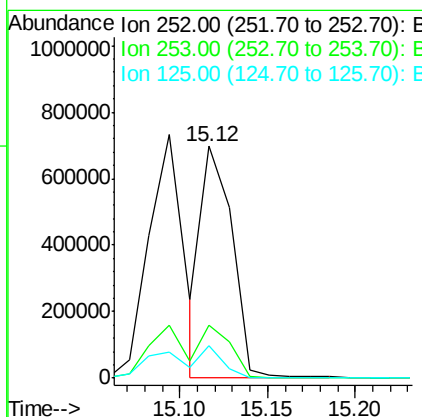
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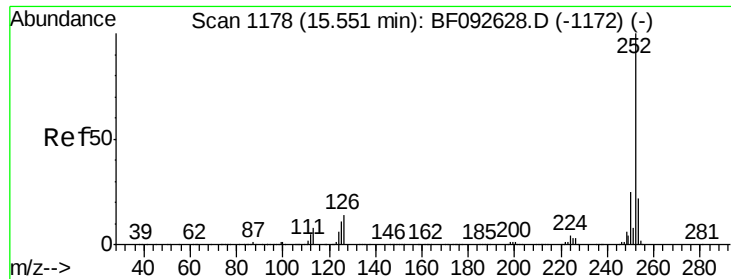
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#88
Benzo(k)fluoranthene
Concen: 43.75 ng m
RT: 15.12 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.5	27.7
125	14.2	8.9	13.3#





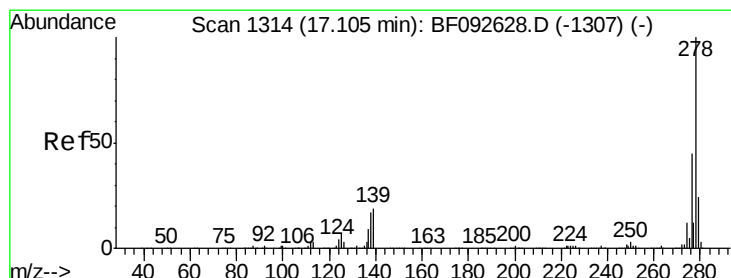
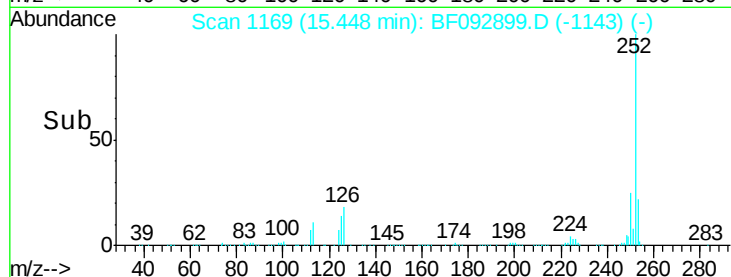
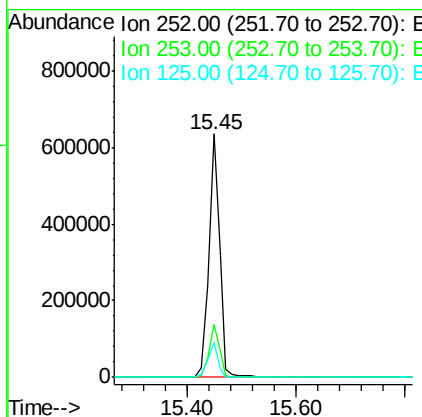
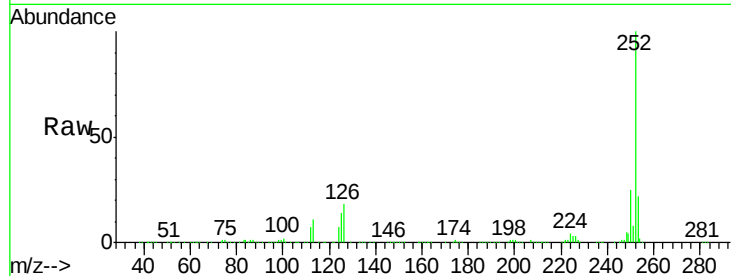
#89
Benzo(a)pyrene
Concen: 43.91 ng
RT: 15.45 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

Instrument :
BNA_F
ClientSampleId :
9717MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.2
125	14.2	10.0	15.0

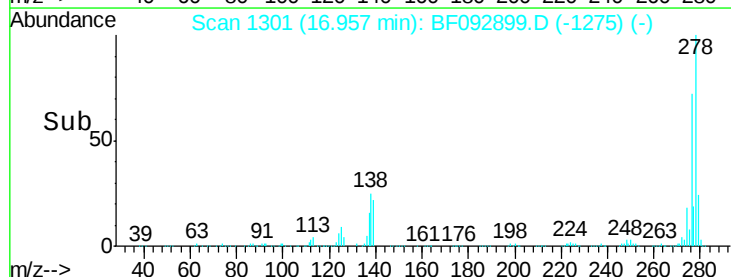
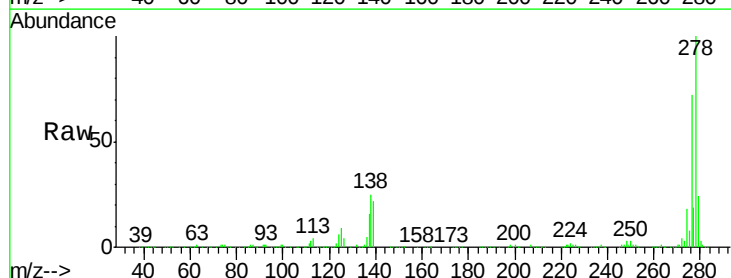
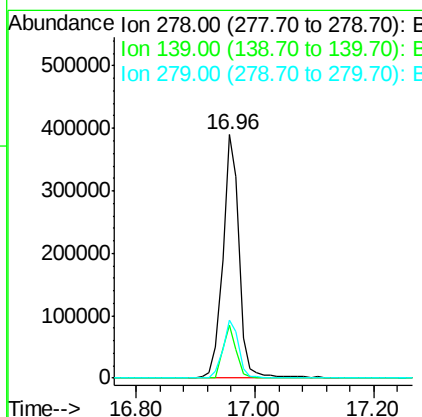
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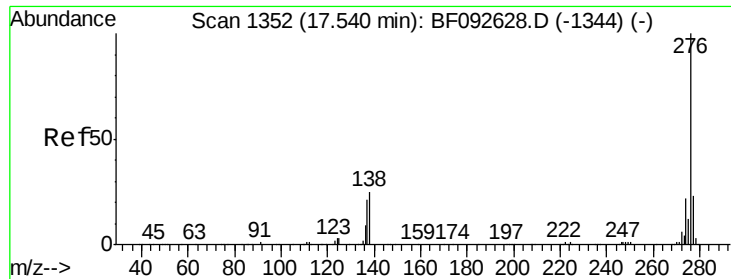
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 46.26 ng
RT: 16.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.9	14.8	22.2
279	23.6	19.8	29.6





#91
 Benzo(g,h,i)perylene
 Concen: 45.95 ng
 RT: 17.38 min Scan# 1338
 Delta R.T. 0.00 min
 Lab File: BF092899.D
 Acq: 10 Feb 2017 22:39

Instrument :
 BNA_F
 ClientSampleId :
 9717MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.8	19.2	28.8
138	27.5	16.0	24.0

Manual Integrations
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