

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
 Data File : BF090293.D
 Acq On : 29 Sep 2016 16:15
 Operator : UM/SJ
 Sample : H4982-06MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-17MSD

Manual Integrations
 APPROVED

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 9/30/2016 4:00:50 PM

Quant Time: Sep 30 11:32:28 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 26 15:58:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.47	152	138138m	20.00	ng	-0.01
21) Naphthalene-d8	7.76	136	519940m	20.00	ng	-0.01
38) Acenaphthene-d10	9.50	164	256603	20.00	ng	-0.01
63) Phenanthrene-d10	10.97	188	347247	20.00	ng	-0.01
75) Chrysene-d12	13.59	240	233237	20.00	ng	-0.01
86) Perylene-d12	14.91	264	213247	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.03	112	951853	112.32	ng	0.00
7) Phenol-d6	6.14	99	1231431	117.66	ng	0.00
23) Nitrobenzene-d5	7.04	82	736987	82.17	ng	-0.02
41) 2,4,6-Tribromophenol	10.28	330	240440	109.22	ng	-0.01
44) 2-Fluorobiphenyl	8.83	172	1214375	92.91	ng	-0.02
78) Terphenyl-d14	12.56	244	800026	87.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.87	88	135533	29.48	ng	# 97
3) Pyridine	2.46	79	361143	36.22	ng	99
4) n-Nitrosodimethylamine	2.42	42	136867	45.99	ng	98
6) Aniline	6.12	93	351424m	26.94	ng	
8) 2-Chlorophenol	6.25	128	395908	40.60	ng	90
9) Benzaldehyde	6.00	77	205601	45.08	ng	94
10) Phenol	6.15	94	563818m	45.57	ng	
11) bis(2-Chloroethyl)ether	6.22	93	437781	45.37	ng	93
12) 1,3-Dichlorobenzene	6.40	146	393664m	38.64	ng	
13) 1,4-Dichlorobenzene	6.48	146	405353m	38.97	ng	
14) 1,2-Dichlorobenzene	6.64	146	360842	38.94	ng	98
15) Benzyl Alcohol	6.63	79	300774	48.19	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.76	45	425279	36.89	ng	73
17) 2-Methylphenol	6.75	107	315675m	41.10	ng	
18) Hexachloroethane	6.97	117	107608	29.01	ng	99
19) n-Nitroso-di-n-propylamine	6.90	70	260270	42.33	ng	93
20) 3+4-Methylphenols	6.91	107	410551	44.52	ng	94
22) Acetophenone	6.89	105	567905	45.29	ng	# 98
24) Nitrobenzene	7.06	77	442141	47.31	ng	90
25) Isophorone	7.30	82	762333	40.68	ng	97
26) 2-Nitrophenol	7.38	139	189866	41.26	ng	# 80
27) 2,4-Dimethylphenol	7.44	122	355133	43.44	ng	98
28) bis(2-Chloroethoxy)methane	7.53	93	519705	45.85	ng	99
29) 2,4-Dichlorophenol	7.63	162	313931	43.78	ng	99
30) 1,2,4-Trichlorobenzene	7.70	180	315066	43.98	ng	99
31) Naphthalene	7.77	128	1055534	42.64	ng	100
32) Benzoic acid	7.54	122	18561	3.31	ng	96
33) 4-Chloroaniline	7.84	127	224126	21.82	ng	98
34) Hexachlorobutadiene	7.90	225	156444	41.40	ng	98
35) Caprolactam	8.22	113	103709	43.69	ng	98
36) 4-Chloro-3-methylphenol	8.34	107	314154	38.76	ng	99
37) 2-Methylnaphthalene	8.47	142	678764	44.09	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.64	216	280119	47.56	ng	98
40) Hexachlorocyclopentadiene	8.63	237	35764	12.31	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.75	196	188780	44.98	nq	99
43) 2,4,5-Trichlorophenol	8.80	196	191217	44.00	nq #	87
45) 1,1'-Biphenyl	8.94	154	821688	44.76	nq	98
46) 2-Chloronaphthalene	8.95	162	602966	44.52	nq	96
47) 2-Nitroaniline	9.06	65	217031	53.15	nq	96
48) Acenaphthylene	9.36	152	893136	40.61	nq	99
49) Dimethylphthalate	9.26	163	1198694	73.34	nq	99
50) 2,6-Dinitrotoluene	9.31	165	159975	43.92	nq #	59
51) Acenaphthene	9.53	154	520396	39.86	nq	99
52) 3-Nitroaniline	9.47	138	165577	38.77	nq	89
53) 2,4-Dinitrophenol	9.59	184	9447	7.60	nq	94
54) Dibenzofuran	9.70	168	773661	45.03	nq	94
55) 4-Nitrophenol	9.66	139	185599	63.44	nq #	79
56) 2,4-Dinitrotoluene	9.71	165	178127	41.35	nq #	58
57) Fluorene	10.04	166	566864	43.78	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.84	232	140906	43.31	nq #	94
59) Diethylphthalate	9.94	149	716289	45.38	nq	99
60) 4-Chlorophenyl-phenylether	10.04	204	234640	39.74	nq	95
61) 4-Nitroaniline	10.08	138	154966	35.60	nq	86
62) Azobenzene	10.20	77	750367	45.67	nq	95
64) 4,6-Dinitro-2-methylphenol	10.11	198	17068	7.85	nq #	58
65) n-Nitrosodiphenylamine	10.17	169	574224	50.29	nq	100
66) 4-Bromophenyl-phenylether	10.53	248	157022	45.95	nq #	73
67) Hexachlorobenzene	10.59	284	179832	45.16	nq	95
68) Atrazine	10.71	200	154575	49.40	nq	99
69) Pentachlorophenol	10.79	266	157895	69.85	nq	98
70) Phenanthrene	10.99	178	910627	56.07	nq	99
71) Anthracene	11.05	178	918034	53.90	nq	100
72) Carbazole	11.21	167	825846	45.86	nq	99
73) Di-n-butylphthalate	11.57	149	997477	47.64	nq #	97
74) Fluoranthene	12.17	202	1006704	57.75	nq	100
76) Benzidine	12.31	184	311498	39.90	nq	96
77) Pyrene	12.40	202	1088460	68.20	nq	100
79) Butylbenzylphthalate	13.04	149	367840	47.12	nq	87
80) Benzo(a)anthracene	13.58	228	844399	67.29	nq	98
81) 3,3'-Dichlorobenzidine	13.55	252	186967	36.13	nq #	99
82) Chrysene	13.62	228	728968	59.64	nq	99
83) Bis(2-ethylhexyl)phthalate	13.61	149	484597	48.51	nq #	98
84) Di-n-octyl phthalate	14.22	149	862493	50.12	nq	100
85) Indeno(1,2,3-cd)pyrene	16.07	276	529336	53.56	nq	95
87) Benzo(b)fluoranthene	14.58	252	971973m	82.31	nq	
88) Benzo(k)fluoranthene	14.61	252	343681m	31.01	nq	
89) Benzo(a)pyrene	14.87	252	625068	56.27	nq #	97
90) Dibenzo(a,h)anthracene	16.08	278	406471	46.89	nq	99
91) Benzo(g,h,i)perylene	16.41	276	449269	52.95	nq	95

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

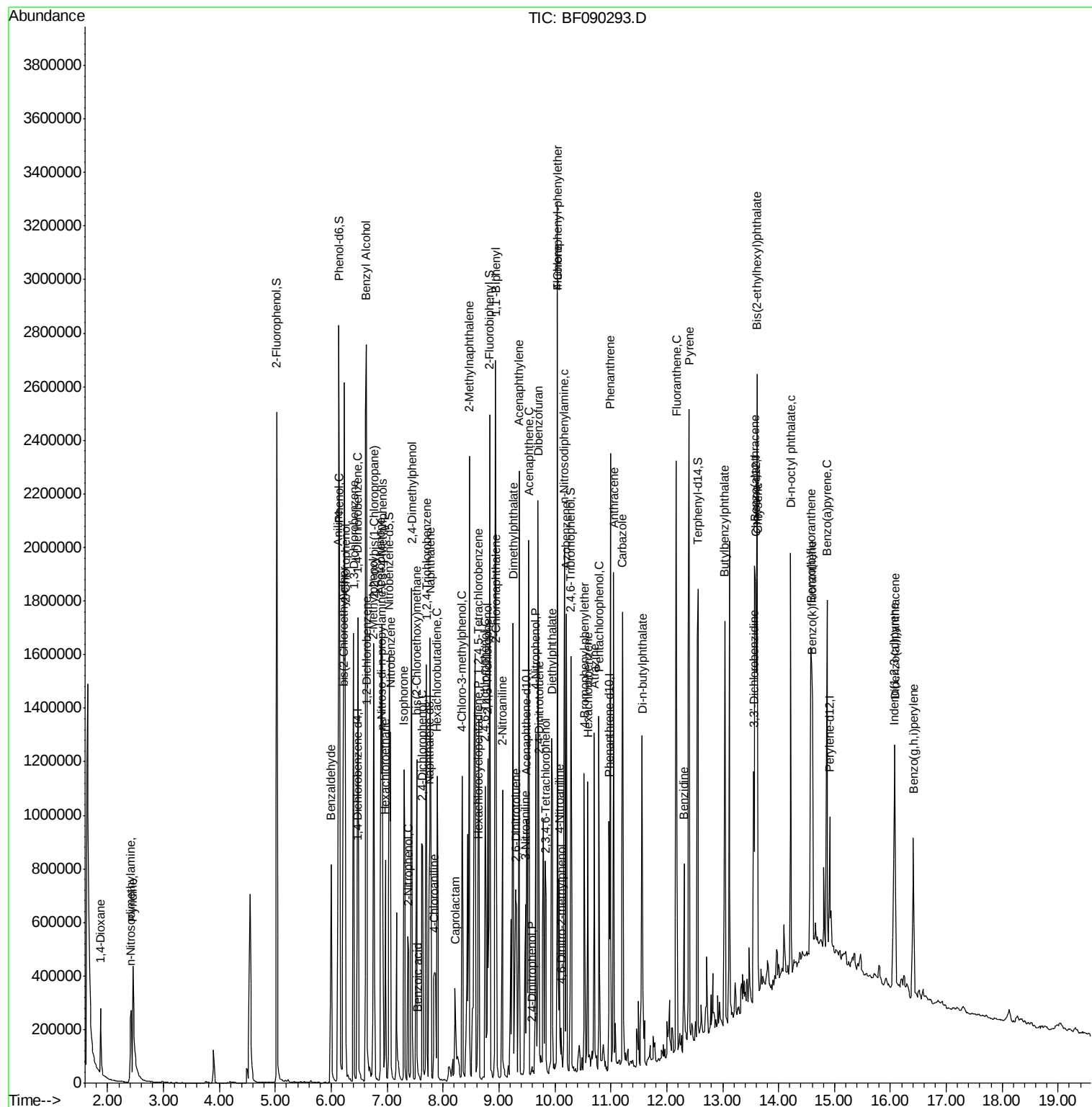
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
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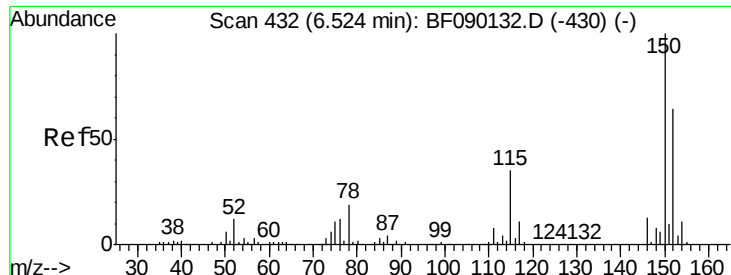
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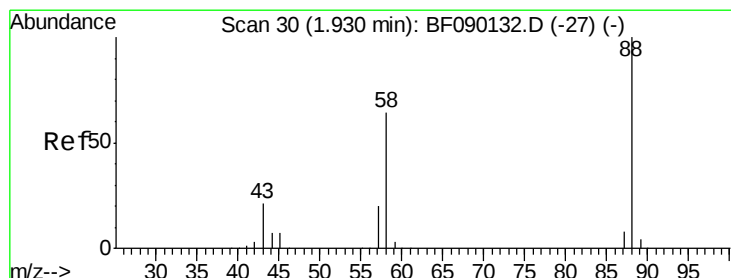
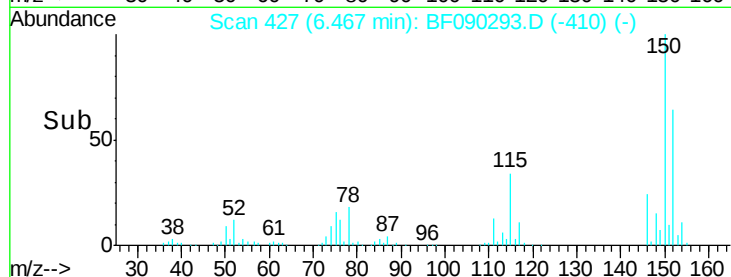
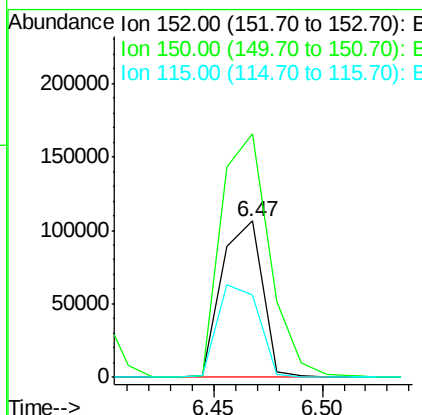
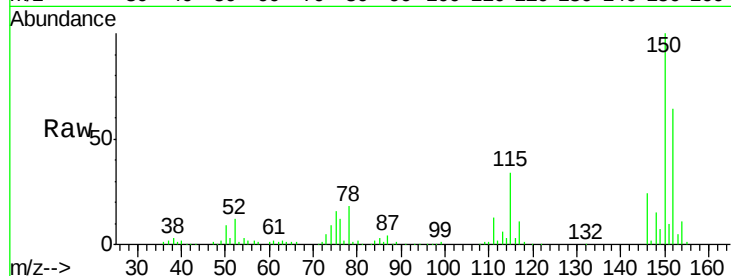
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng/ml
 RT: 6.47 min Scan# 427
 Delta R.T. -0.01 min
 Lab File: BF090293.D
 Acq: 29 Sep 2016 16:15

Instrument :
 BNA_F
 ClientSampled :
 S-17MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	128.9	193.3
115	52.9	55.5	83.3

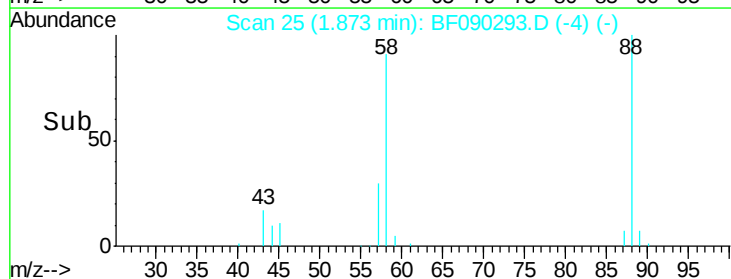
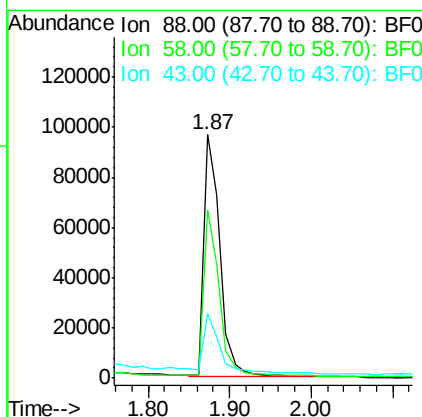
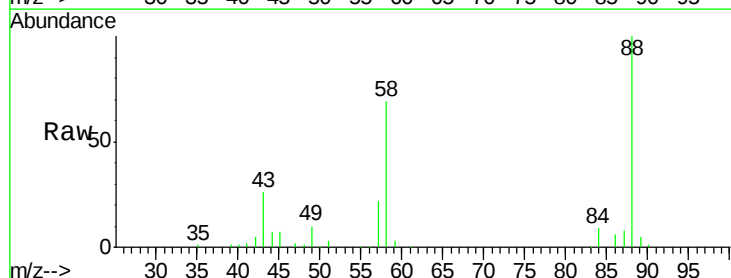
Manual Integrations
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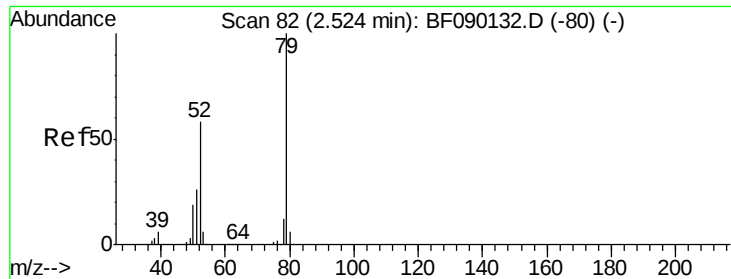
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#2
 1,4-Dioxane
 Concen: 29.48 ng
 RT: 1.87 min Scan# 25
 Delta R.T. 0.03 min
 Lab File: BF090293.D
 Acq: 29 Sep 2016 16:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.3	53.4	80.0
43	26.1	16.5	24.7





#3

Pvridine

Concen: 36.22 ng

RT: 2.46 min Scan# 76

Delta R.T. 0.03 min

Lab File: BF090293.D

Acq: 29 Sep 2016 16:15

Instrument :

BNA_F

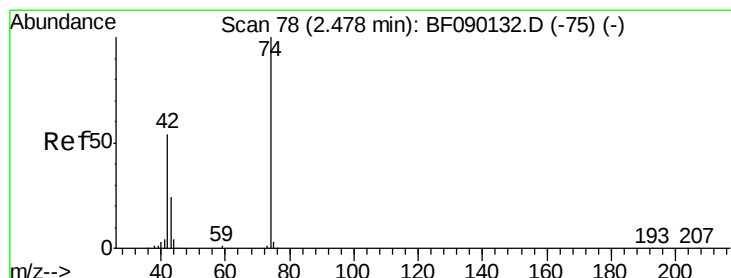
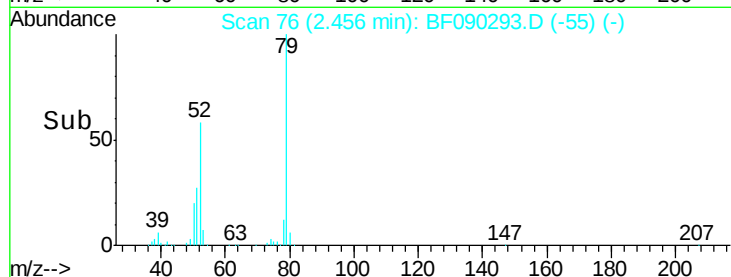
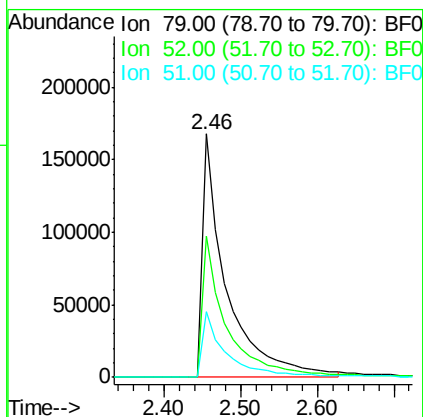
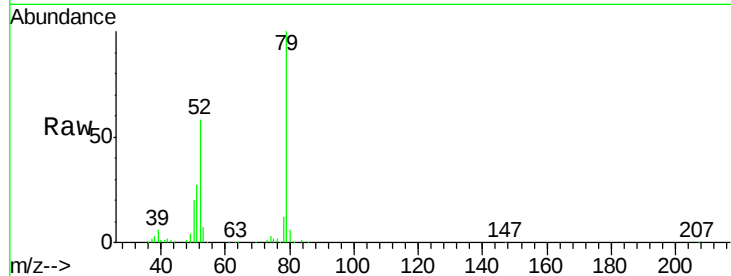
ClientSampled :

S-17MSD

Tot Ion:	79	Resp:	361143
Ion Ratio	Lower	Upper	
79	100		
52	58.1	45.9	68.9
51	27.2	21.3	31.9

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#4

n-Nitrosodimethylamine

Concen: 45.99 ng

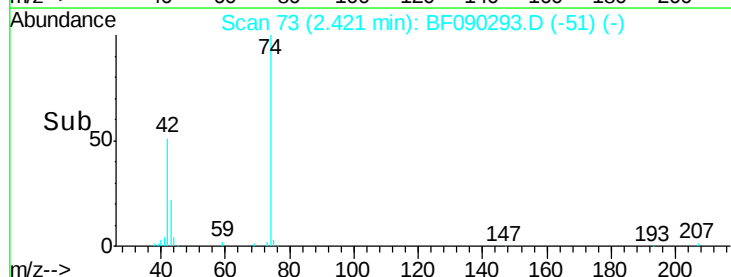
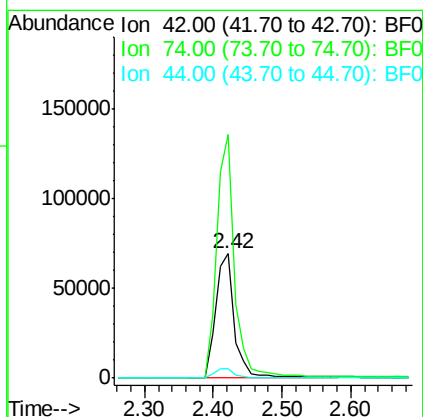
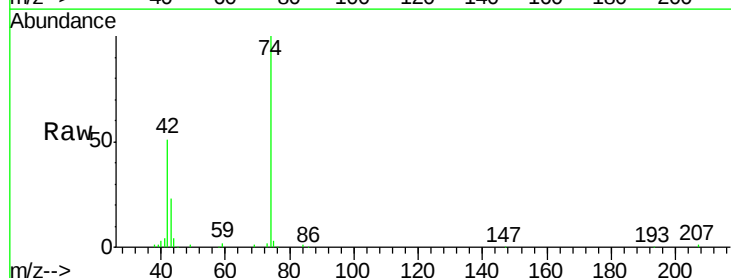
RT: 2.42 min Scan# 73

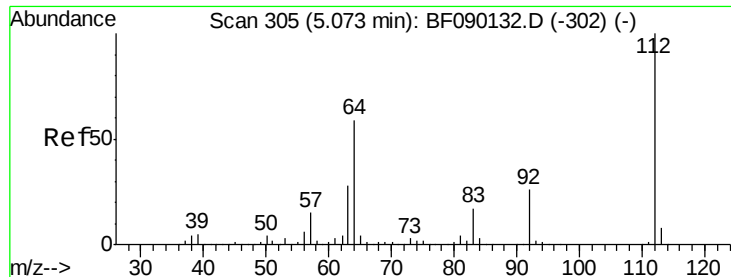
Delta R.T. 0.05 min

Lab File: BF090293.D

Acq: 29 Sep 2016 16:15

Tgt Ion:	42	Resp:	136867
Ion Ratio	Lower	Upper	
42	100		
74	196.0	158.7	238.1
44	8.0	6.4	9.6





#5

2-Fluorophenol

Concen: 112.32 ng

RT: 5.03 min Scan# 301

Delta R.T. 0.00 min

Lab File: BF090293.D

Acq: 29 Sep 2016 16:15

Instrument :

BNA_F

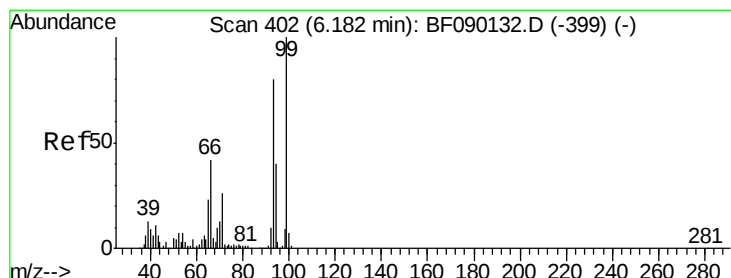
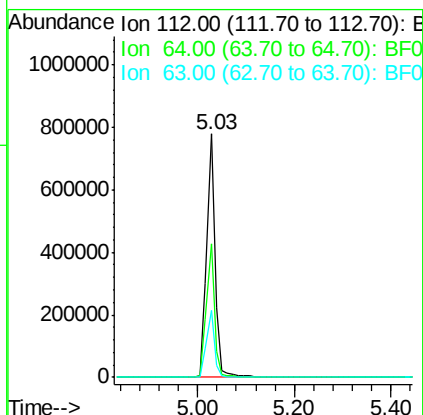
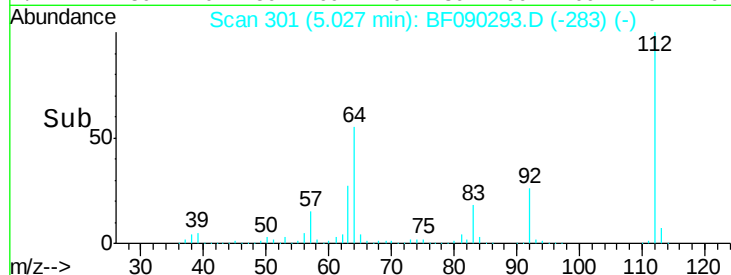
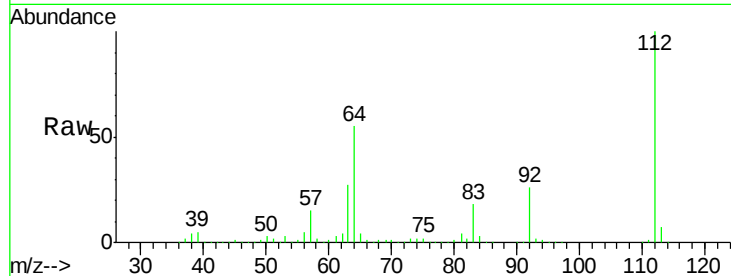
ClientSampled :

S-17MSD

Tot Ion:	112	Resp:	951853
Ion Ratio	Lower	Upper	
112	100		
64	55.1	39.8	59.6
63	27.3	18.9	28.3

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#6

Aniline

Concen: 26.94 ng m

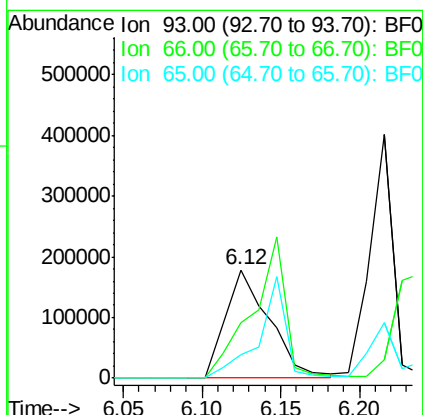
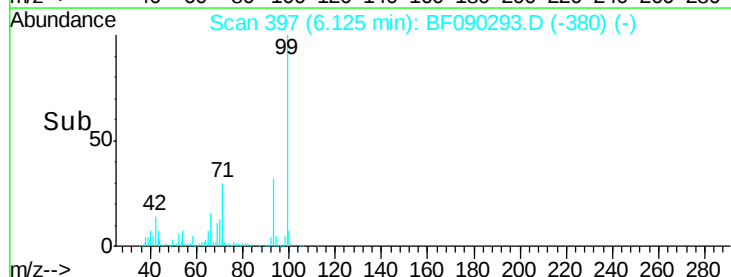
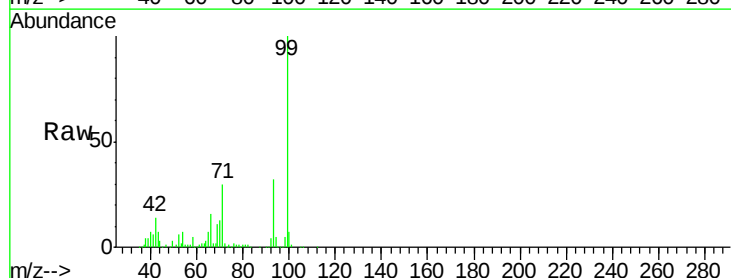
RT: 6.12 min Scan# 397

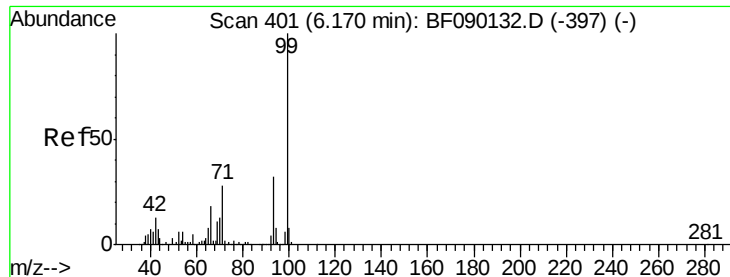
Delta R.T. -0.01 min

Lab File: BF090293.D

Acq: 29 Sep 2016 16:15

Tgt Ion:	93	Resp:	351424
Ion Ratio	Lower	Upper	
93	100		
66	50.8	54.2	81.2#
65	21.6	33.8	50.6#





#7

Phenol-d6

Concen: 117.66 ng

RT: 6.14 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF090293.D

Acq: 29 Sep 2016 16:15

Instrument :

BNA_F

ClientSampleId :

S-17MSD

Tot Ion: 99 Resp: 1231431

Ion Ratio Lower Upper

99 100

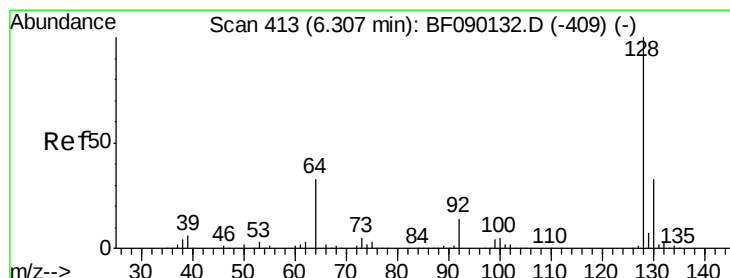
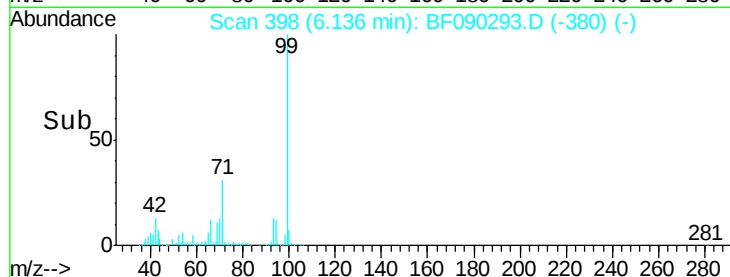
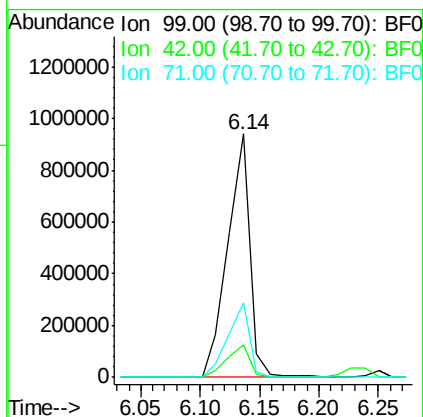
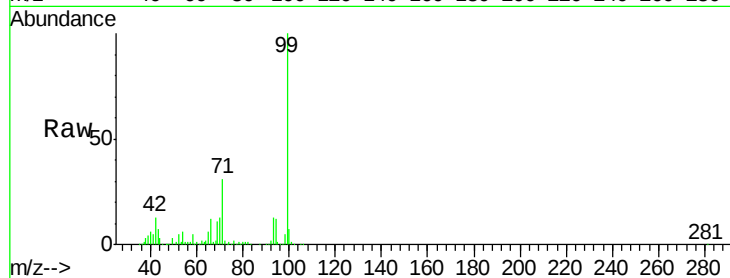
42 13.3 10.6 15.8

71 30.9 23.0 34.6

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#8

2-Chlorophenol

Concen: 40.60 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.01 min

Lab File: BF090293.D

Acq: 29 Sep 2016 16:15

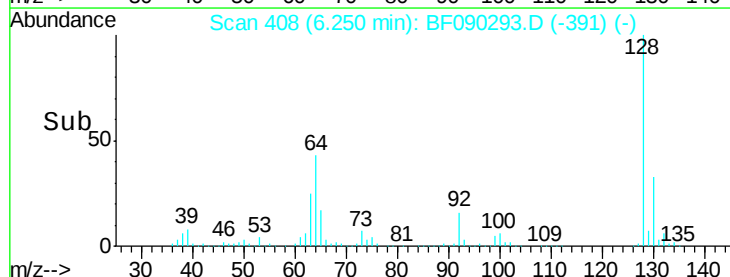
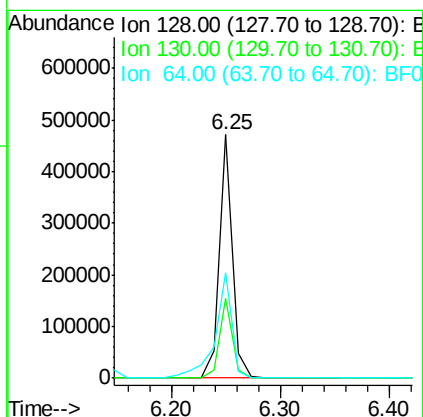
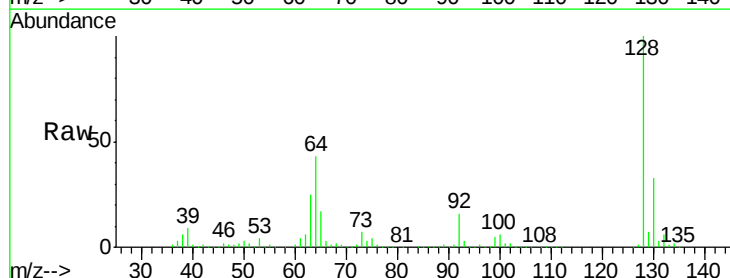
Tgt Ion: 128 Resp: 395908

Ion Ratio Lower Upper

128 100

130 33.0 12.0 52.0

64 43.2 33.6 73.6





#9

Benzaldehyde

Concen: 45.08 ng

RT: 6.00 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF090293.D

Acq: 29 Sep 2016 16:15

Instrument :

BNA_F

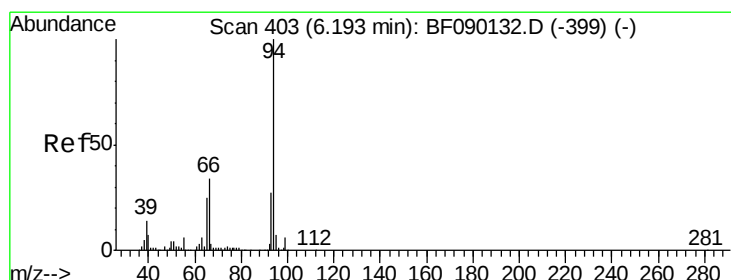
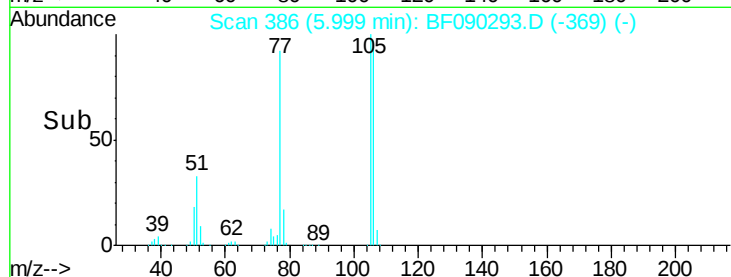
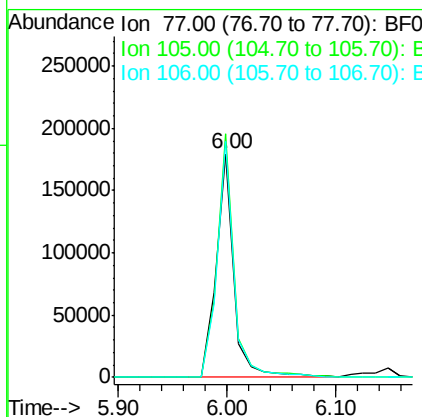
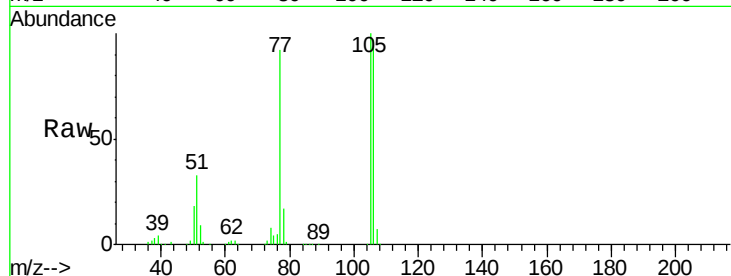
ClientSampled :

S-17MSD

Tot Ion:	77	Resp:	205601
Ion Ratio	Lower	Upper	
77	100		
105	108.9	83.0	123.0
106	105.7	78.5	118.5

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#10

Phenol

Concen: 45.57 ng m

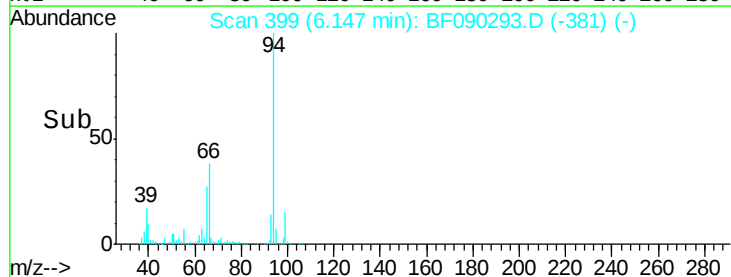
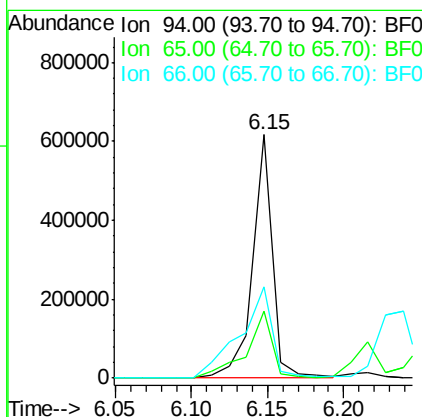
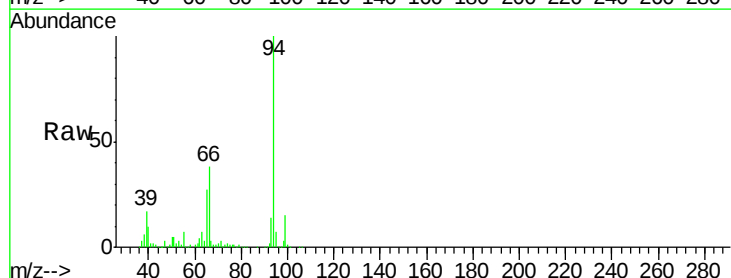
RT: 6.15 min Scan# 399

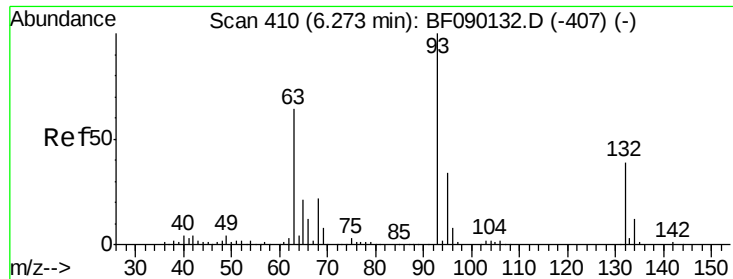
Delta R.T. 0.00 min

Lab File: BF090293.D

Acq: 29 Sep 2016 16:15

Tgt Ion:	94	Resp:	563818
Ion Ratio	Lower	Upper	
94	100		
65	27.3	20.6	60.6
66	37.6	45.1	85.1#





#11

bis(2-Chloroethyl)ether

Concen: 45.37 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF090293.D

Acq: 29 Sep 2016 16:15

Instrument :

BNA_F

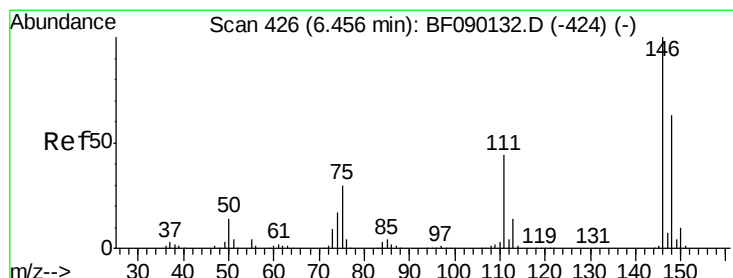
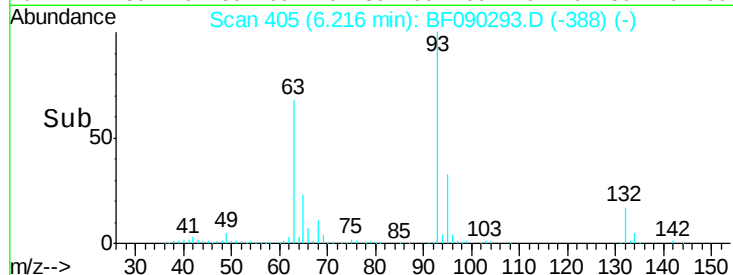
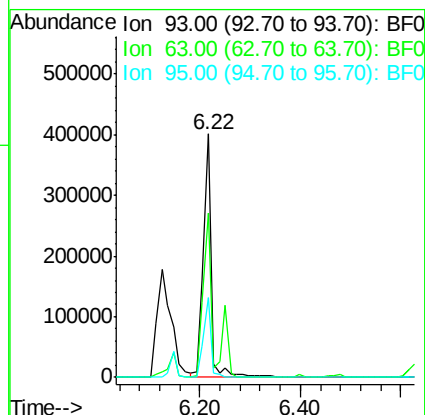
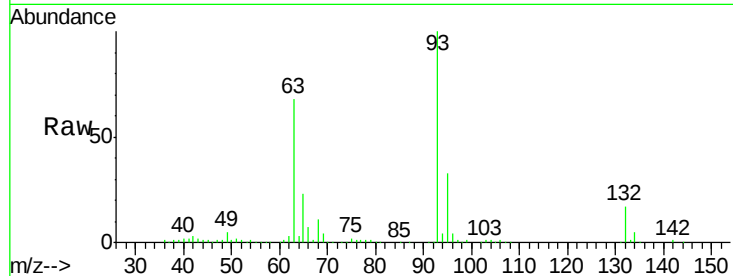
ClientSampled :

S-17MSD

Tot Ion:	93	Resp:	437781
Ion	Ratio	Lower	Upper
93	100		
63	67.6	55.6	95.6
95	32.6	12.6	52.6

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 38.64 ng m

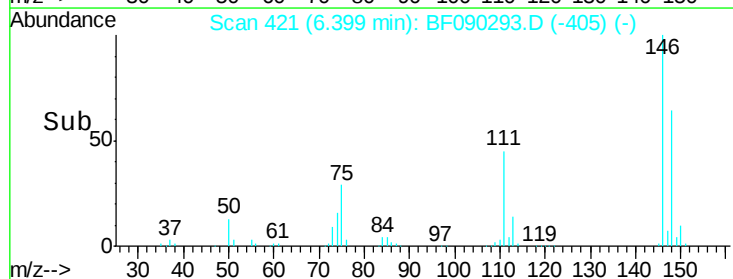
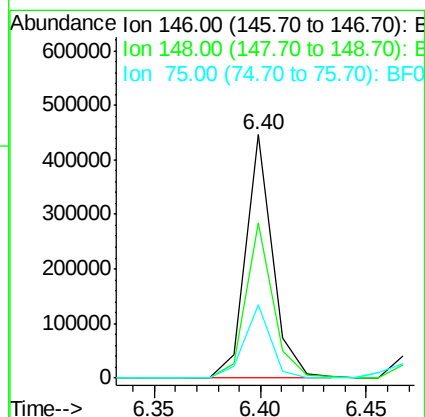
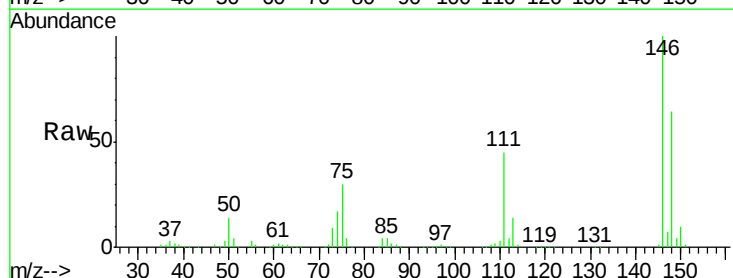
RT: 6.40 min Scan# 421

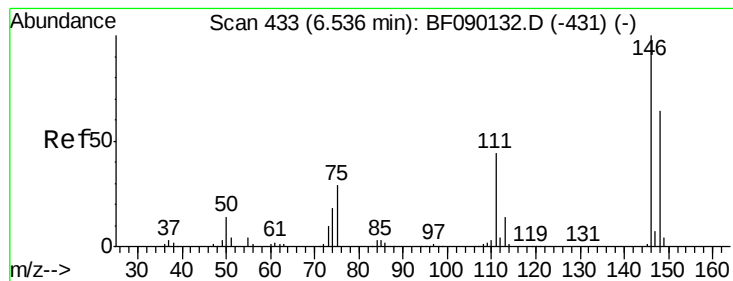
Delta R.T. -0.02 min

Lab File: BF090293.D

Acq: 29 Sep 2016 16:15

Tgt Ion:	146	Resp:	393664
Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.9	77.9
75	30.4	22.8	34.2





#13

1,4-Dichlorobenzene

Concen: 38.97 ng/mL

RT: 6.48 min Scan# 428

Delta R.T. -0.02 min

Lab File: BF090293.D

Acq: 29 Sep 2016 16:15

Instrument :

BNA_F

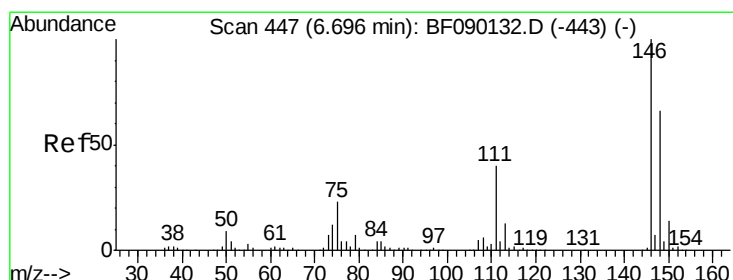
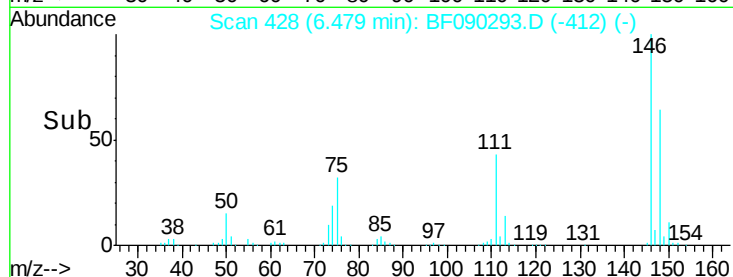
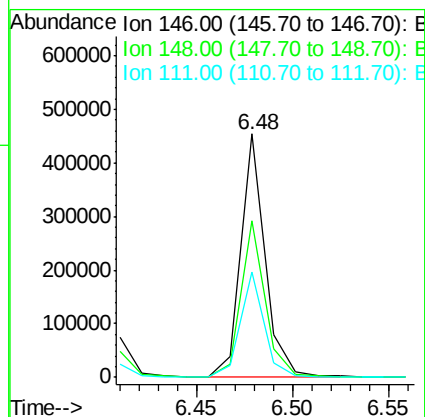
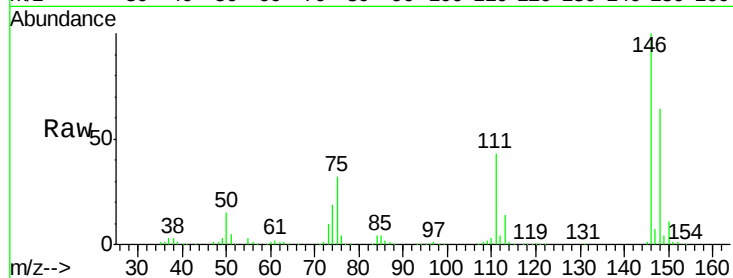
ClientSampled :

S-17MSD

Tot Ion:	146	Resp:	405353
Ion Ratio	Lower	Upper	
146	100		
148	64.1	52.0	78.0
111	43.4	33.8	50.6

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#14

1,2-Dichlorobenzene

Concen: 38.94 ng/mL

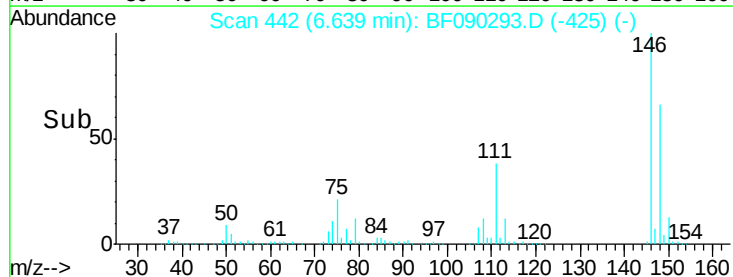
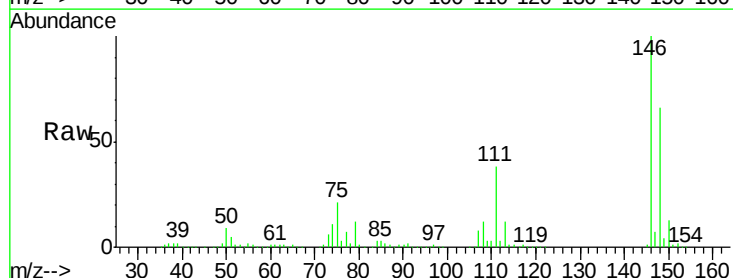
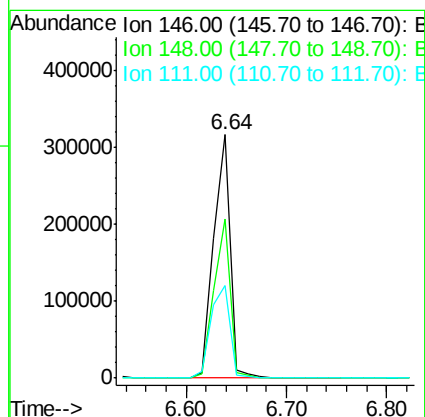
RT: 6.64 min Scan# 442

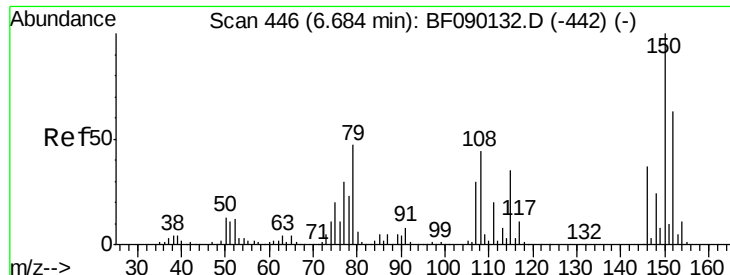
Delta R.T. -0.01 min

Lab File: BF090293.D

Acq: 29 Sep 2016 16:15

Tgt Ion:	146	Resp:	360842
Ion Ratio	Lower	Upper	
146	100		
148	65.6	52.6	79.0
111	37.8	28.2	42.2





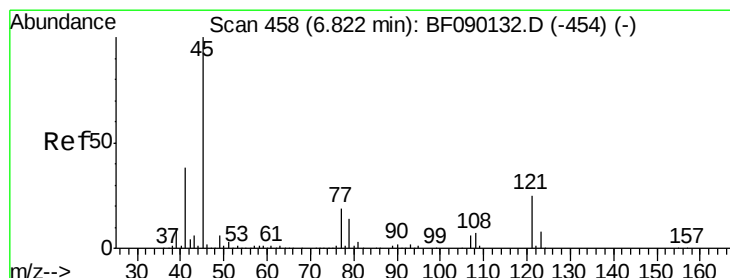
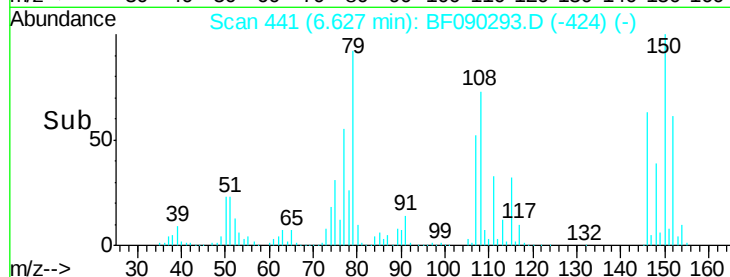
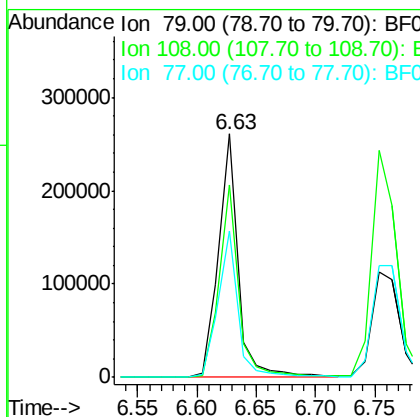
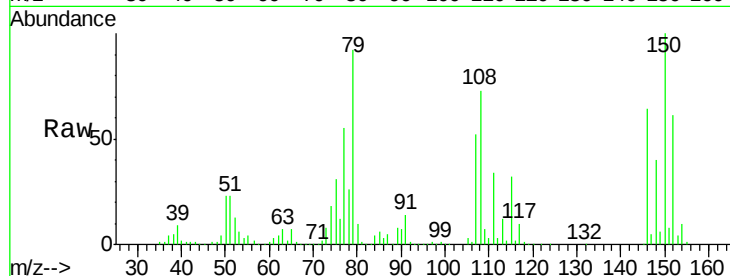
#15
Benzyl Alcohol
Concen: 48.19 ng
RT: 6.63 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF090293.D
Acq: 29 Sep 2016 16:15

Instrument :
BNA_F
ClientSampled :
S-17MSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	79.2	62.2	93.4	
77	60.2	51.4	77.0	

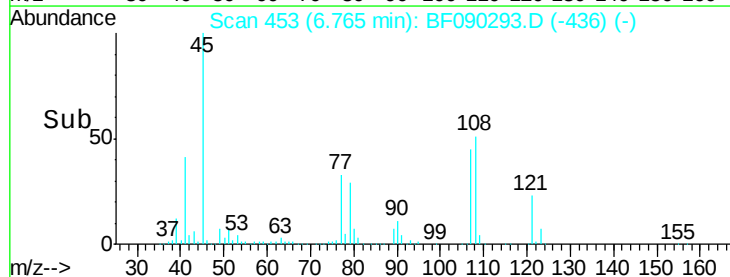
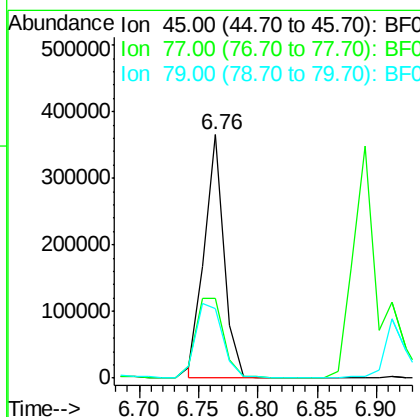
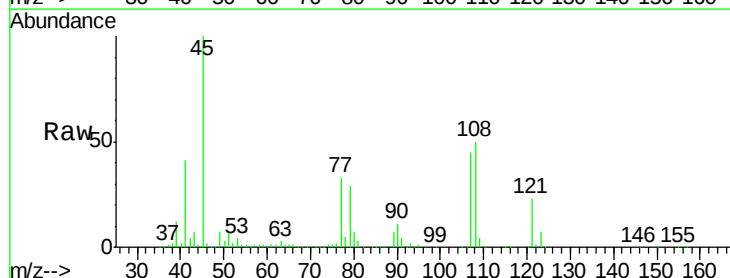
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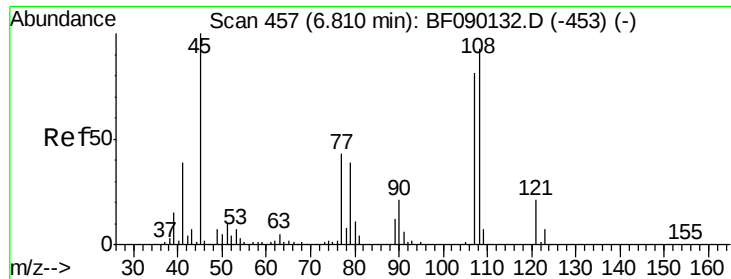
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.89 ng
RT: 6.76 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF090293.D
Acq: 29 Sep 2016 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	32.7	0.5	40.5	
79	28.6	0.0	37.0	





#17

2-Methylphenol

Concen: 41.10 ng/ml

RT: 6.75 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF090293.D

Acq: 29 Sep 2016 16:15

Instrument :

BNA_F

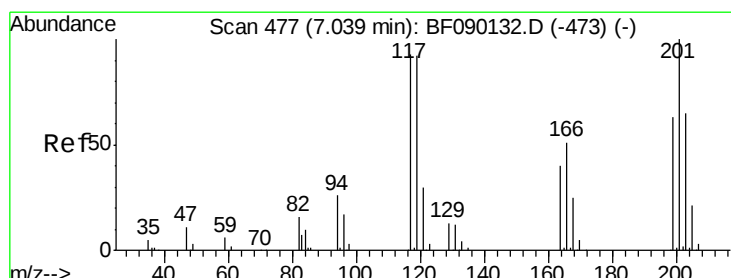
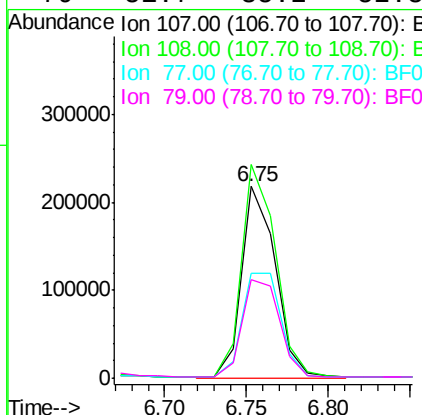
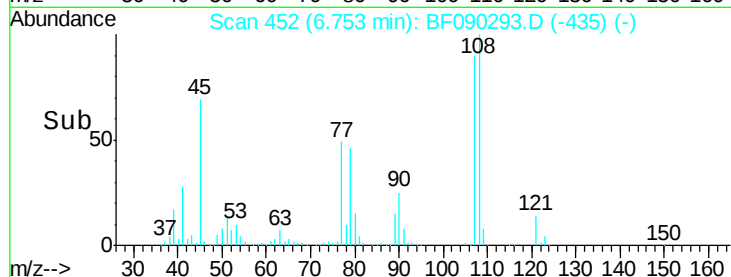
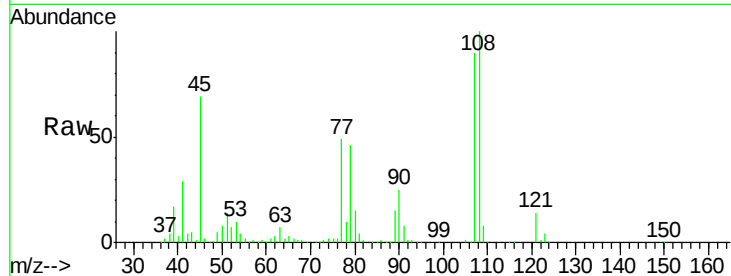
ClientSampled :

S-17MSD

Tot Ion:	107	Resp:	315675
Ion Ratio	Lower	Upper	
107	100		
108	111.5	92.0	138.0
77	55.0	35.6	53.4
79	51.7	35.2	52.8

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#18

Hexachloroethane

Concen: 29.01 ng/ml

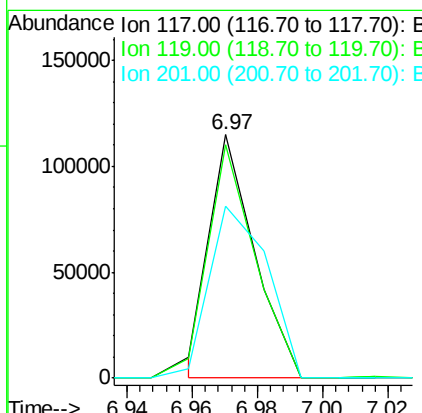
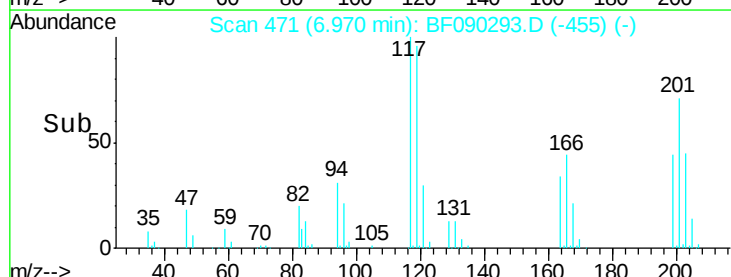
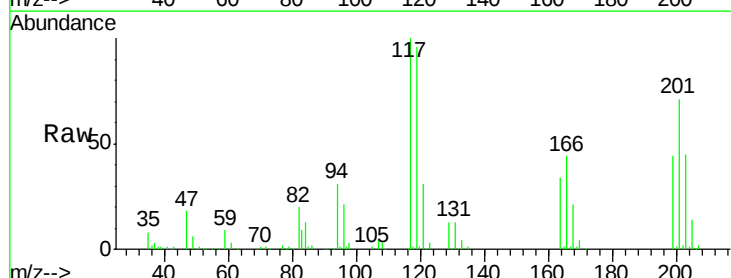
RT: 6.97 min Scan# 471

Delta R.T. -0.02 min

Lab File: BF090293.D

Acq: 29 Sep 2016 16:15

Tgt Ion:	117	Resp:	107608
Ion Ratio	Lower	Upper	
117	100		
119	96.0	76.6	115.0
201	70.8	55.5	83.3





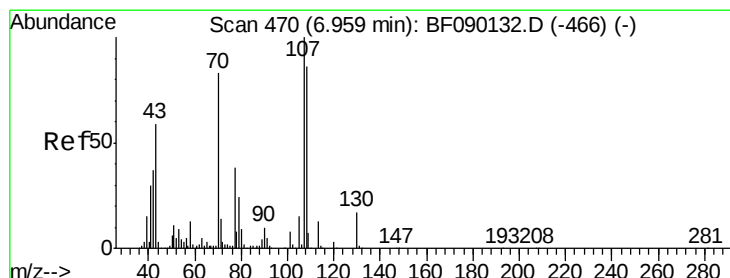
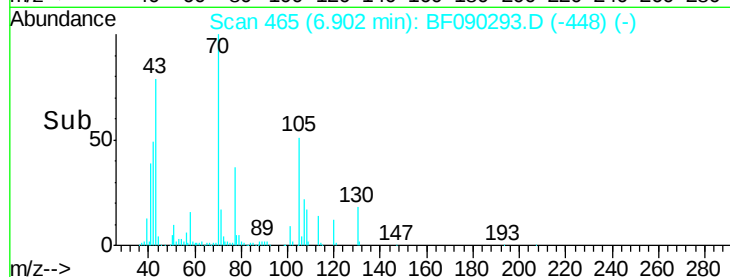
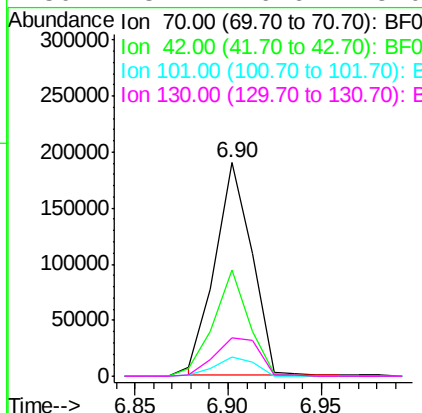
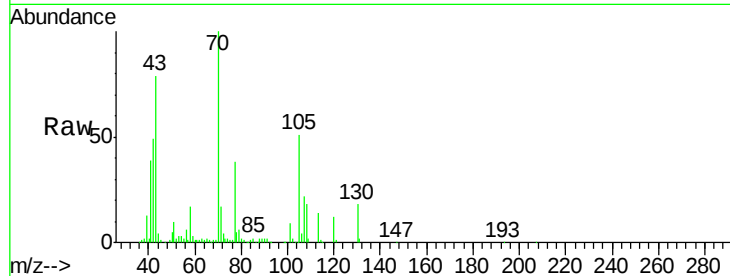
#19
n-Nitroso-di-n-propylamine
Concen: 42.33 ng
RT: 6.90 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF090293.D
Acq: 29 Sep 2016 16:15

Instrument :
BNA_F
ClientSampleId :
S-17MSD

Tot Ion	Ratio	Resp	Lower	Upper
70	100	260270		
42	49.5	35.1	52.7	
101	9.1	7.5	11.3	
130	18.2	16.6	25.0	

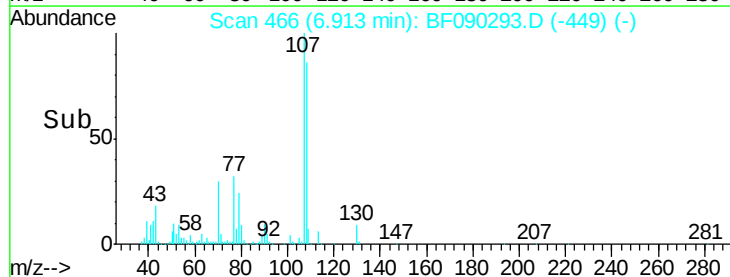
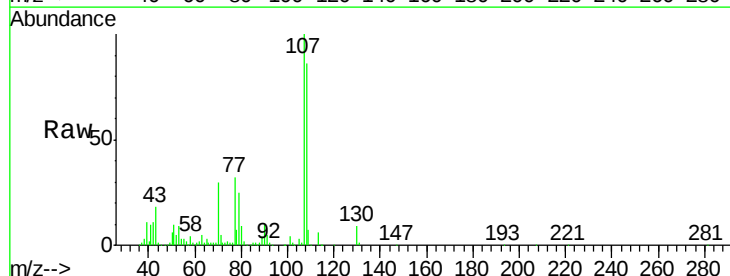
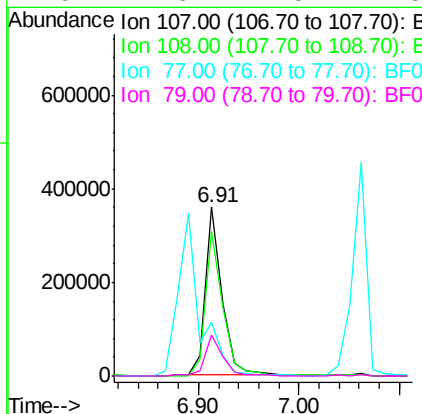
Manual Integrations
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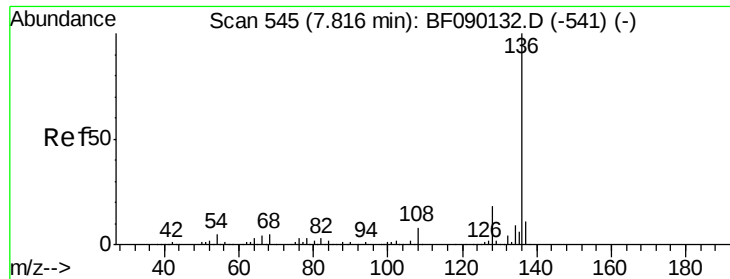
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#20
3+4-Methylphenols
Concen: 44.52 ng
RT: 6.91 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF090293.D
Acq: 29 Sep 2016 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	410551		
108	86.0	73.3	113.3	
77	31.8	14.1	54.1	
79	24.6	7.5	47.5	





#21

Naphthalene-d8

Concen: 20.00 ng/mL

RT: 7.76 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF090293.D

Acq: 29 Sep 2016 16:15

Instrument :

BNA_F

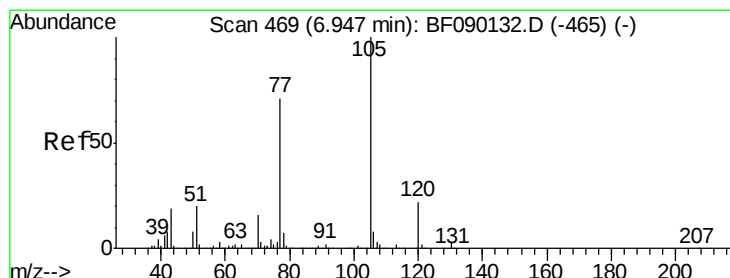
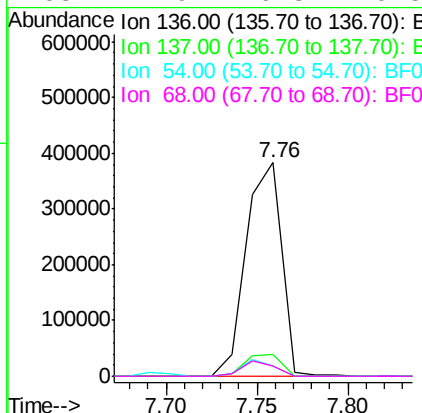
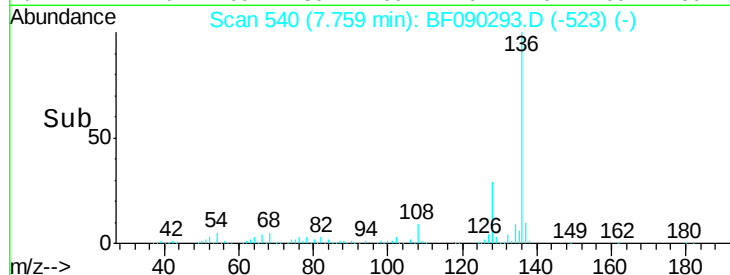
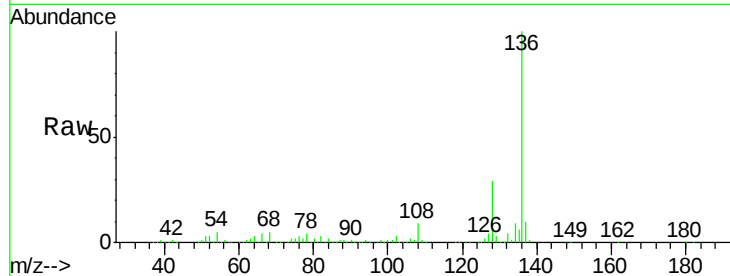
ClientSampleId :

S-17MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		519940		
137	10.5		9.0	13.4	
54	4.9		6.4	9.6	
68	4.9		6.3	9.5	

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#22

Acetophenone

Concen: 45.29 ng/mL

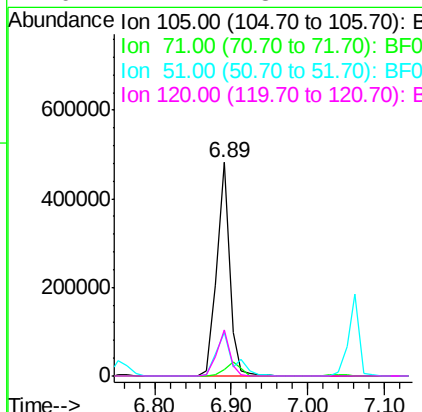
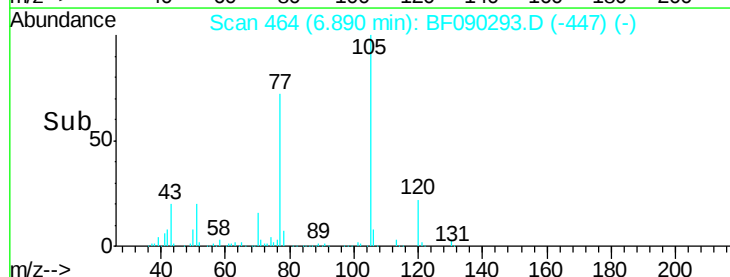
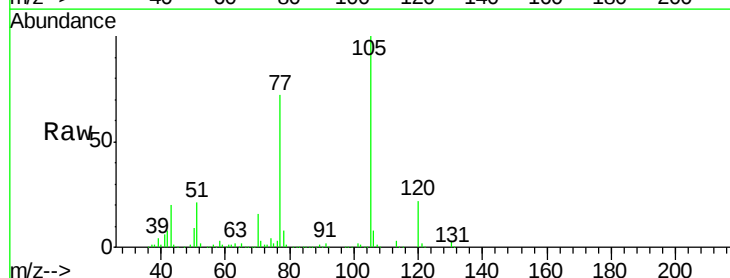
RT: 6.89 min Scan# 464

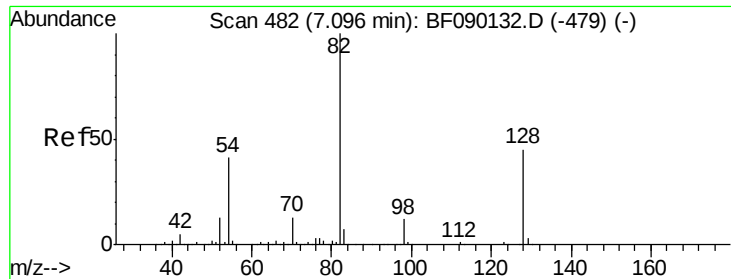
Delta R.T. -0.01 min

Lab File: BF090293.D

Acq: 29 Sep 2016 16:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		567905		
71	2.8		4.1	6.1	
51	20.5		16.2	24.2	
120	21.7		18.2	27.2	





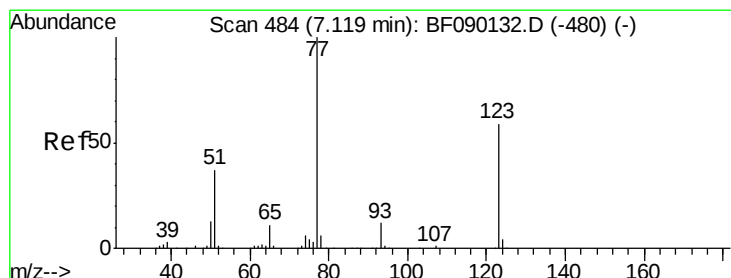
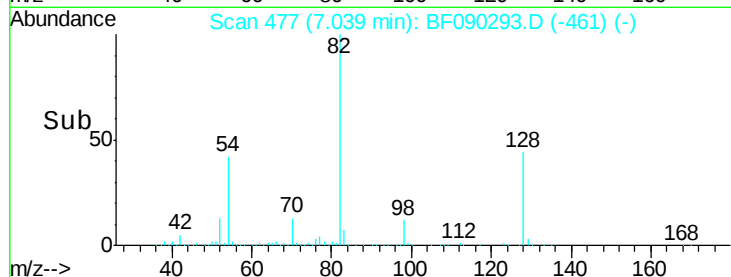
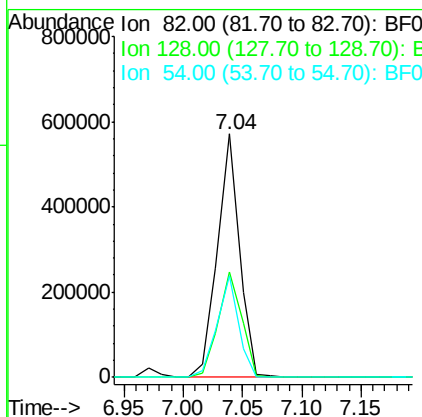
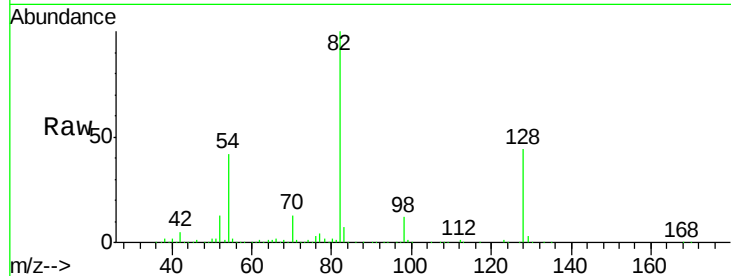
#23
 Nitrobenzene-d5
 Concen: 82.17 ng
 RT: 7.04 min Scan# 477
 Delta R.T. -0.02 min
 Lab File: BF090293.D
 Acq: 29 Sep 2016 16:15

Instrument :
 BNA_F
 ClientSampled :
 S-17MSD

Tot Ion:	82	Resp:	736987
Ion Ratio	Lower	Upper	
82	100		
128	43.5	37.5	56.3
54	42.0	31.9	47.9

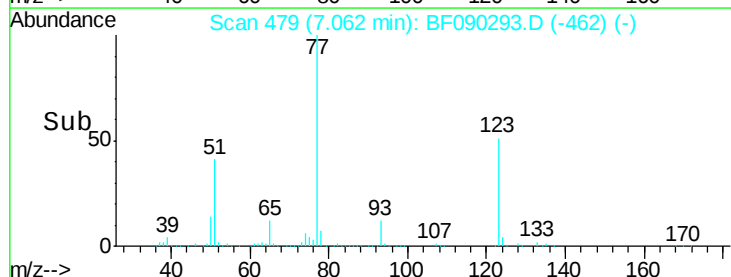
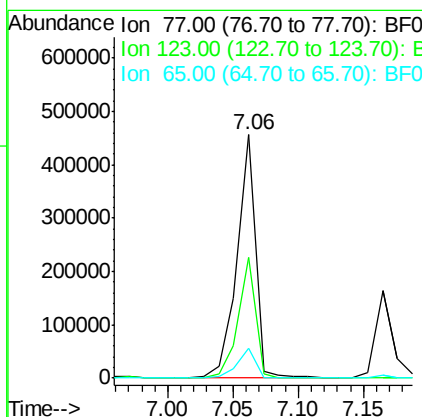
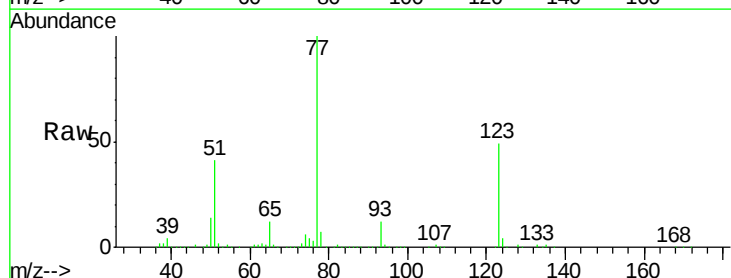
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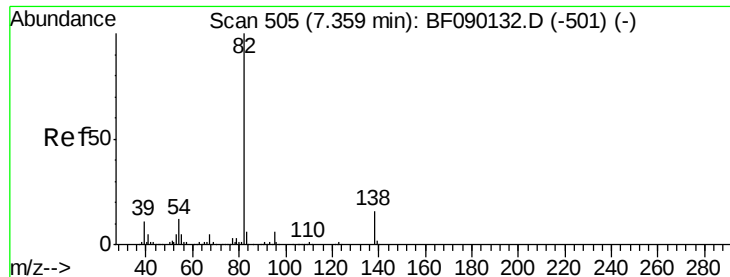
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#24
 Nitrobenzene
 Concen: 47.31 ng
 RT: 7.06 min Scan# 479
 Delta R.T. -0.01 min
 Lab File: BF090293.D
 Acq: 29 Sep 2016 16:15

Tgt Ion:	77	Resp:	442141
Ion Ratio	Lower	Upper	
77	100		
123	49.5	33.4	50.2
65	12.0	10.1	15.1





#25

Isophorone

Concen: 40.68 ng

RT: 7.30 min Scan# 500

Delta R.T. -0.02 min

Lab File: BF090293.D

Acq: 29 Sep 2016 16:15

Instrument :

BNA_F

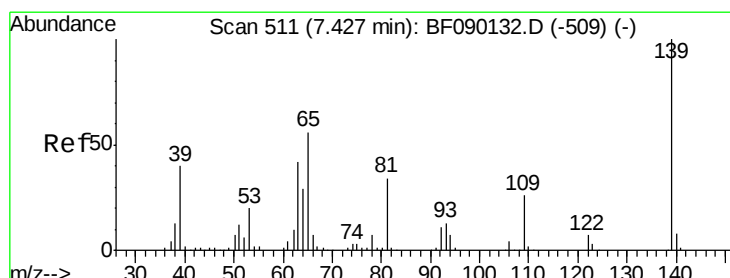
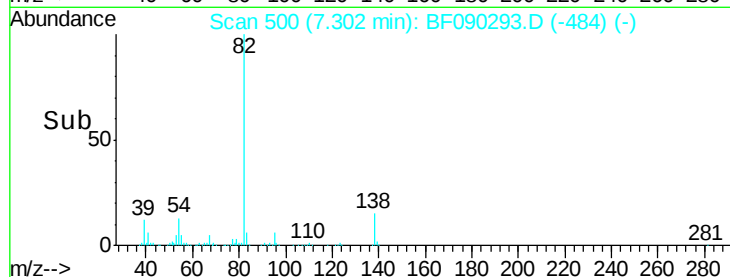
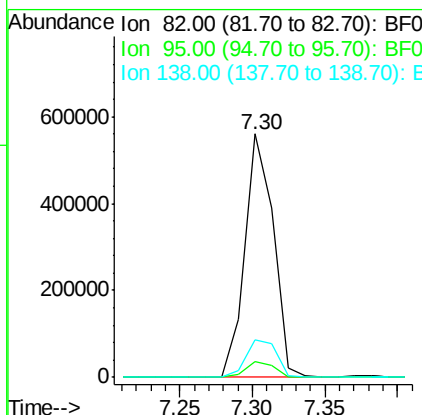
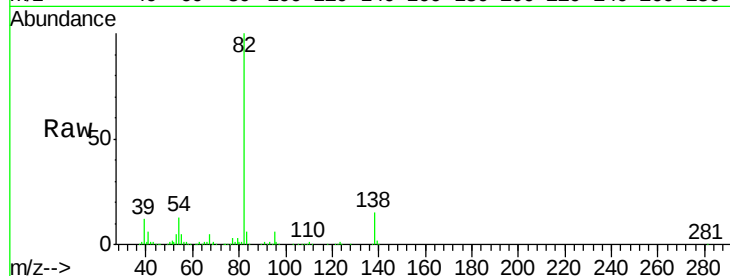
ClientSampleId :

S-17MSD

Tot Ion:	82	Resp:	762333
Ion Ratio	Lower	Upper	
82	100		
95	6.3	5.1	7.7
138	15.4	13.5	20.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.26 ng

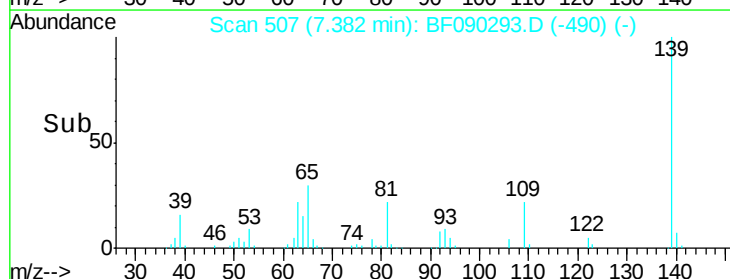
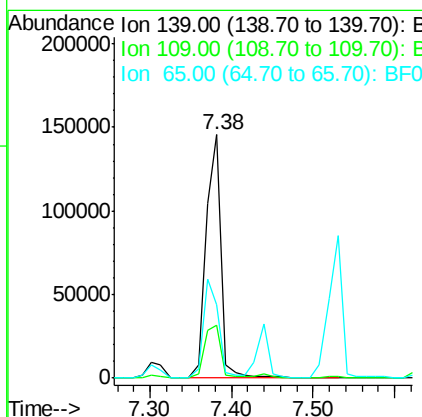
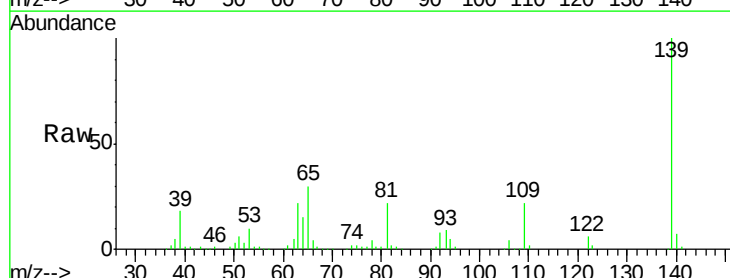
RT: 7.38 min Scan# 507

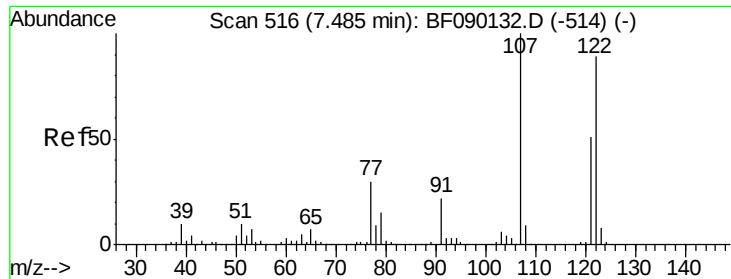
Delta R.T. -0.01 min

Lab File: BF090293.D

Acq: 29 Sep 2016 16:15

Tgt Ion:	139	Resp:	189866
Ion Ratio	Lower	Upper	
139	100		
109	21.6	20.5	30.7
65	30.0	37.9	56.9#





#27

2,4-Dimethylphenol

Concen: 43.44 ng

RT: 7.44 min Scan# 512

Delta R.T. -0.01 min

Lab File: BF090293.D

Acq: 29 Sep 2016 16:15

Instrument :

BNA_F

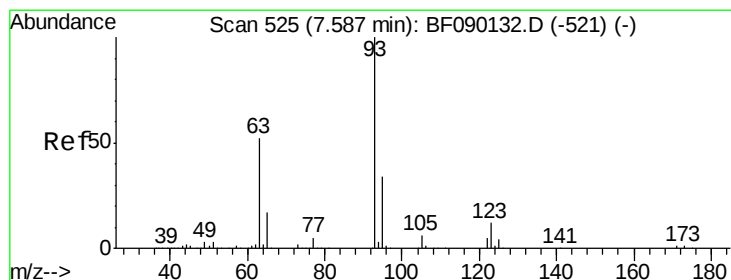
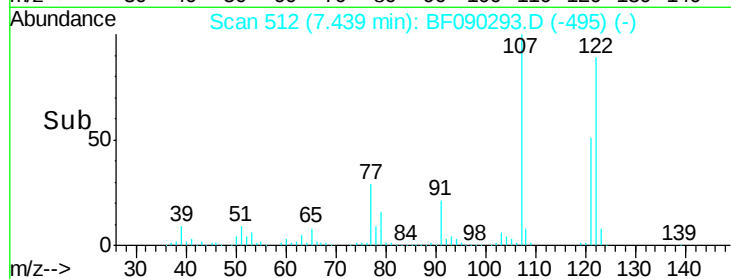
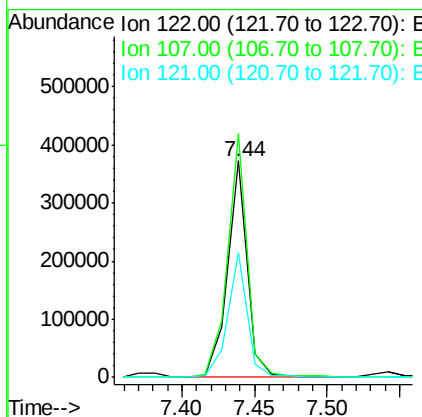
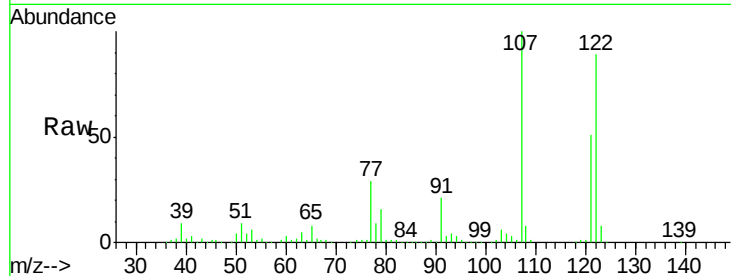
ClientSampled :

S-17MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	355133		
107	112.4	87.8	131.6	
121	57.5	45.7	68.5	

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#28

bis(2-Chloroethoxy)methane

Concen: 45.85 ng

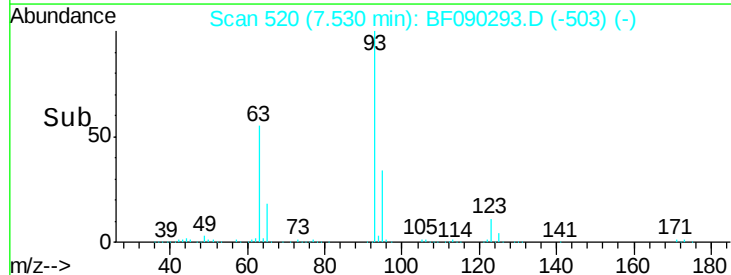
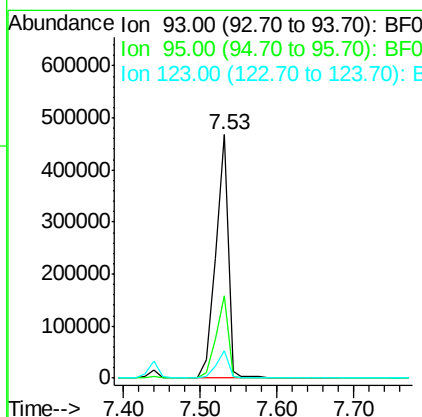
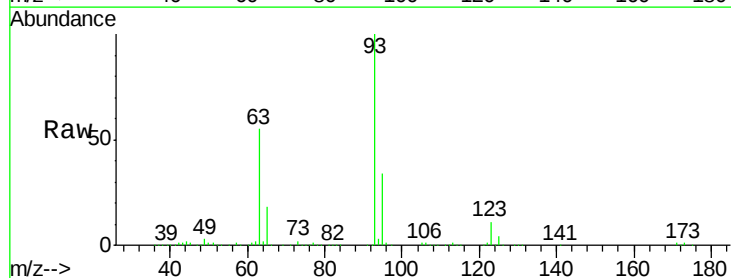
RT: 7.53 min Scan# 520

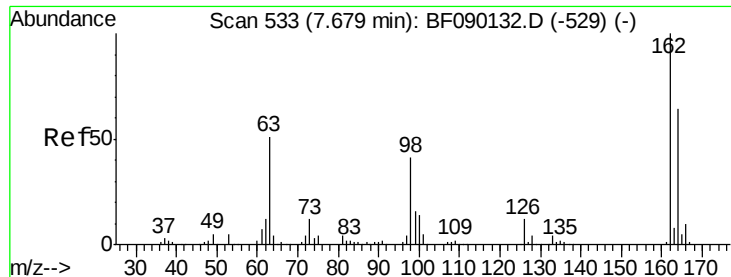
Delta R.T. -0.01 min

Lab File: BF090293.D

Acq: 29 Sep 2016 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	519705		
95	33.6	26.8	40.2	
123	11.3	8.5	12.7	





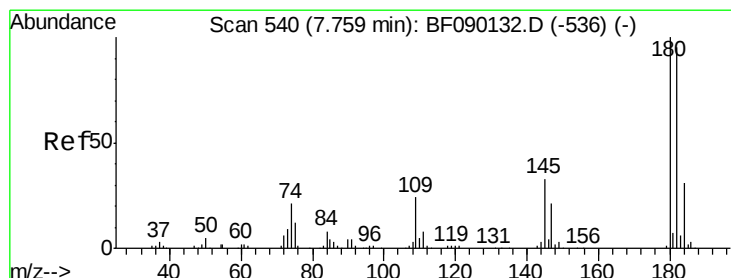
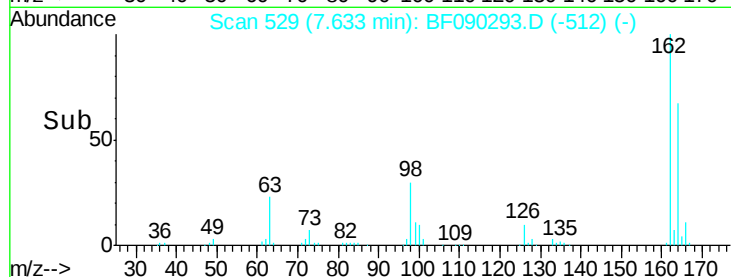
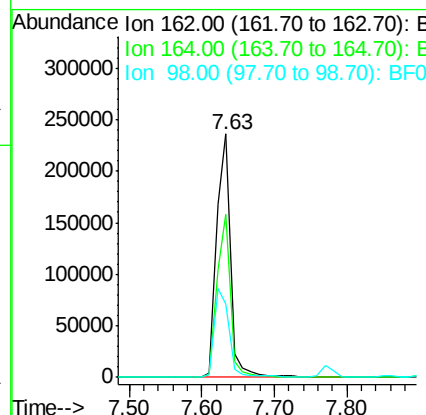
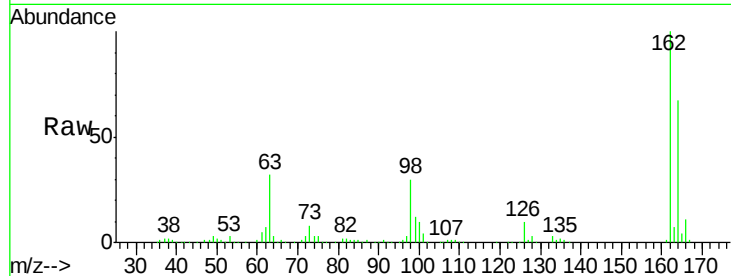
#29
2,4-Dichlorophenol
Concen: 43.78 ng
RT: 7.63 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF090293.D
Acq: 29 Sep 2016 16:15

Instrument :
BNA_F
ClientSampleId :
S-17MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	313931		
164	66.7	46.2	86.2	
98	30.2	10.4	50.4	

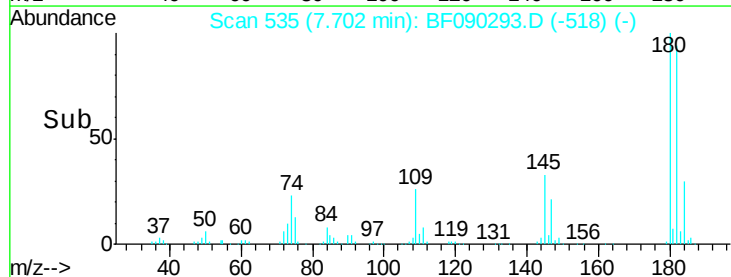
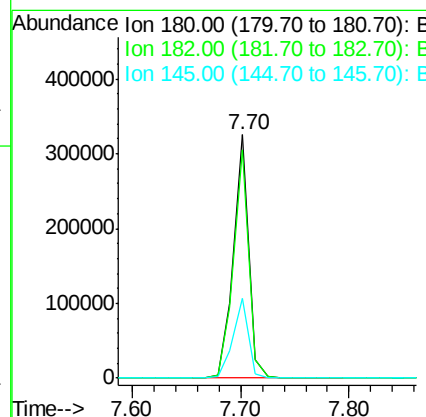
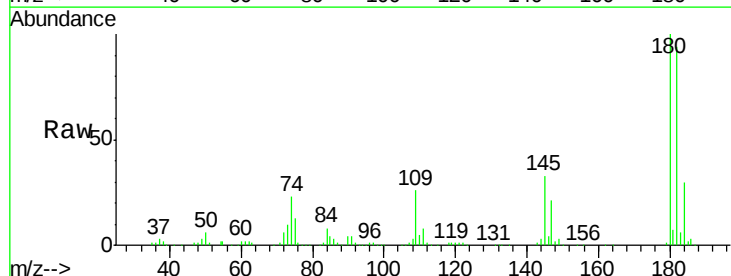
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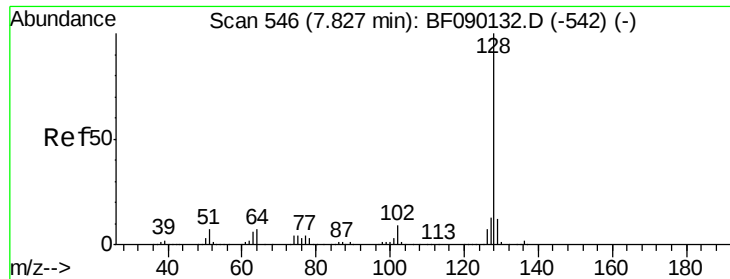
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#30
1,2,4-Trichlorobenzene
Concen: 43.98 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF090293.D
Acq: 29 Sep 2016 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	315066		
182	93.7	75.0	112.6	
145	32.8	28.6	42.8	





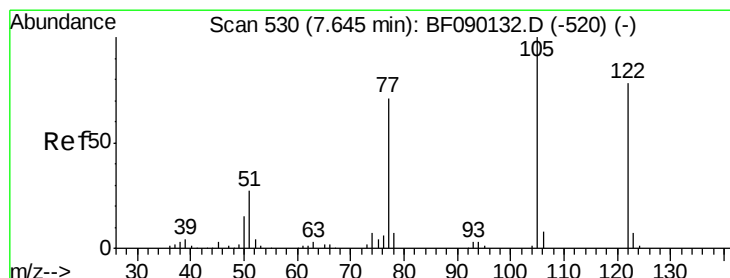
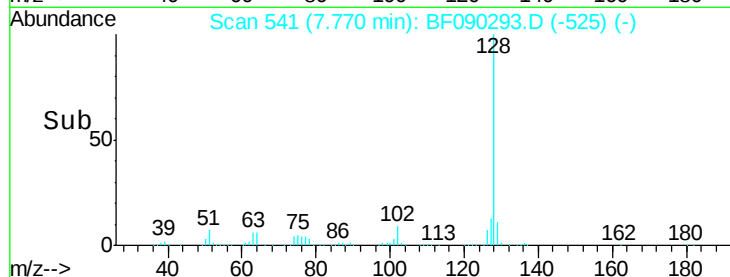
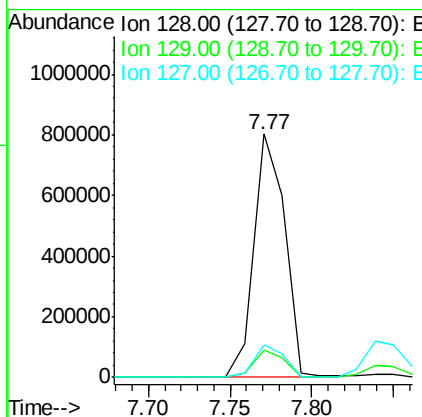
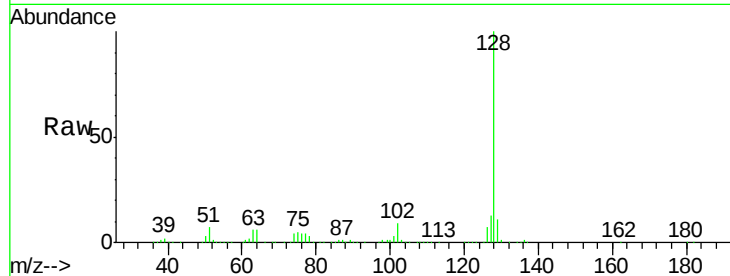
#31
Naphthalene
Concen: 42.64 ng
RT: 7.77 min Scan# 541
Delta R.T. -0.02 min
Lab File: BF090293.D
Acq: 29 Sep 2016 16:15

Instrument :
BNA_F
ClientSampled :
S-17MSD

Tot Ion:128 Resp: 1055534
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.4 10.8 16.2

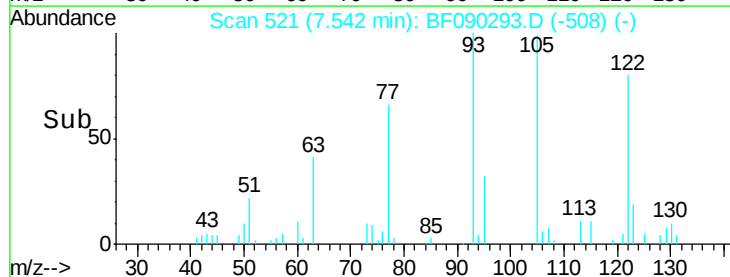
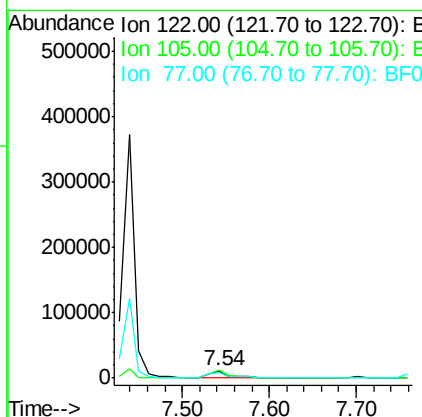
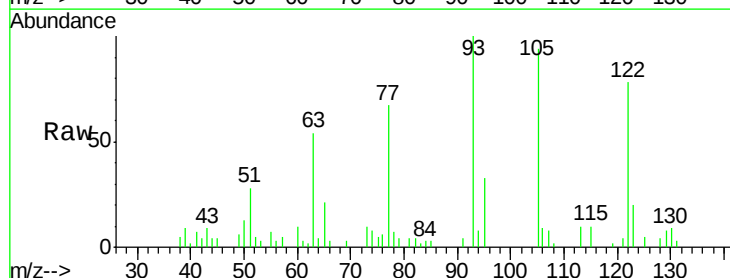
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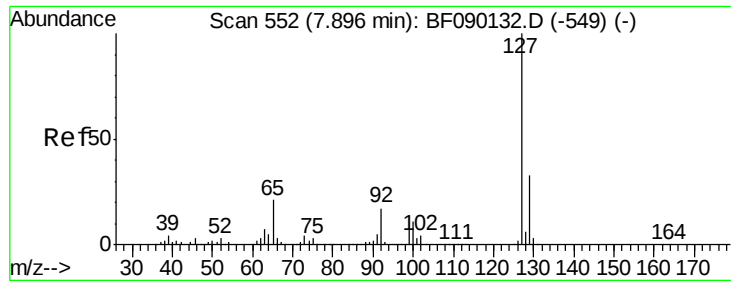
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#32
Benzoic acid
Concen: 3.31 ng
RT: 7.54 min Scan# 521
Delta R.T. -0.06 min
Lab File: BF090293.D
Acq: 29 Sep 2016 16:15

Tgt Ion:122 Resp: 18561
Ion Ratio Lower Upper
122 100
105 120.3 105.0 145.0
77 86.1 70.4 110.4





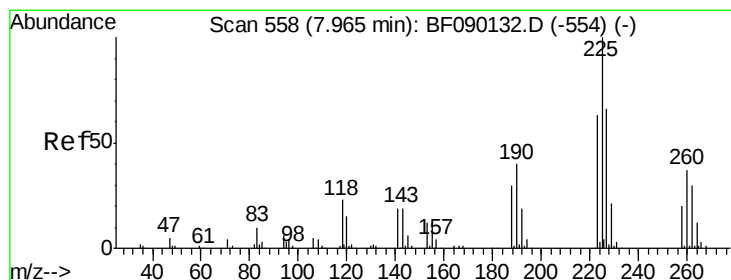
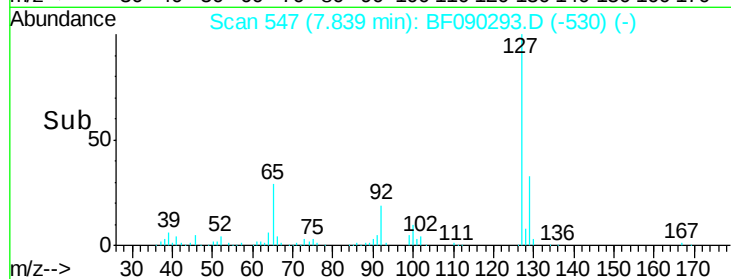
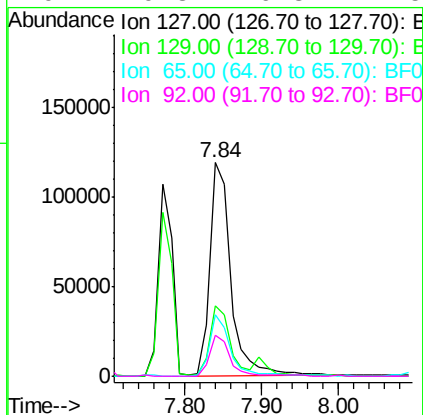
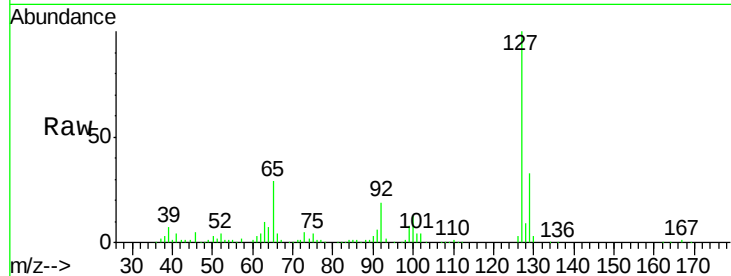
#33
4-Chloroaniline
Concen: 21.82 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.01 min
Lab File: BF090293.D
Acq: 29 Sep 2016 16:15

Instrument :
BNA_F
ClientSampleId :
S-17MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8	25.8	38.6		
65	29.0	24.1	36.1		
92	19.3	16.3	24.5		

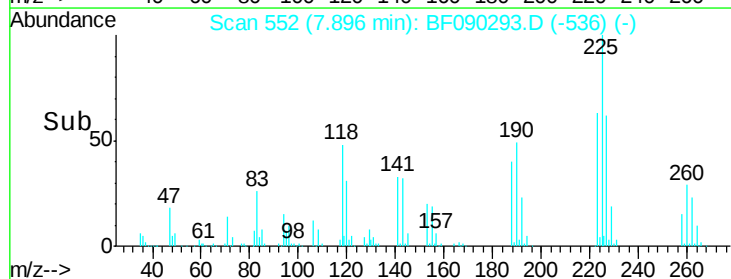
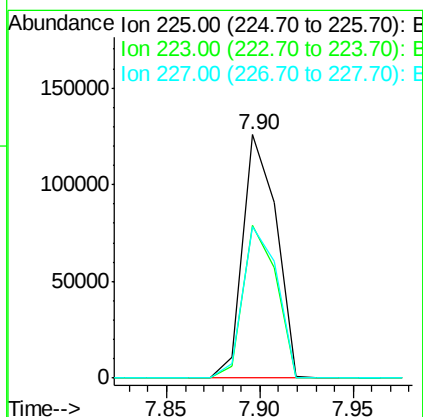
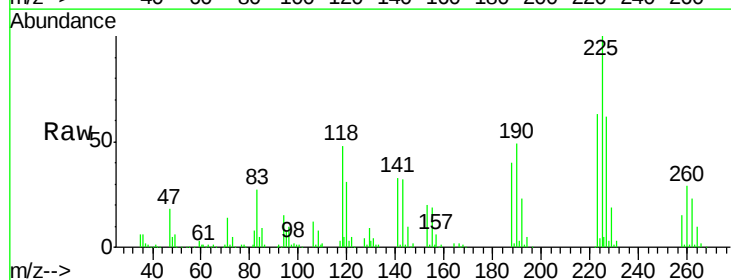
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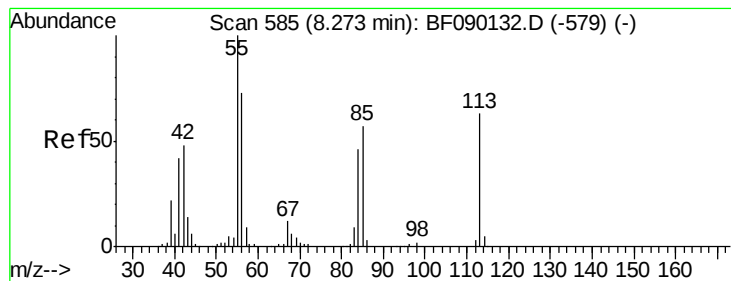
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#34
Hexachlorobutadiene
Concen: 41.40 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF090293.D
Acq: 29 Sep 2016 16:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.9	51.3	76.9		
227	62.4	51.4	77.0		





#35

Caprolactam

Concen: 43.69 ng

RT: 8.22 min Scan# 580

Delta R.T. -0.02 min

Lab File: BF090293.D

Acq: 29 Sep 2016 16:15

Instrument :

BNA_F

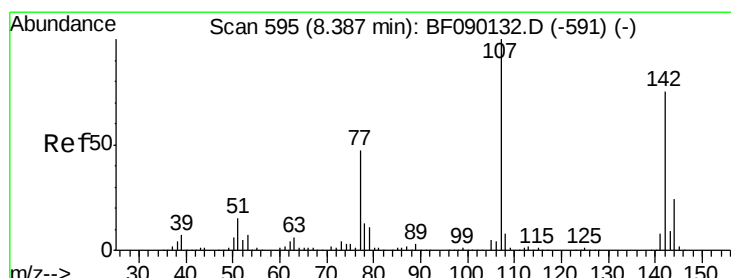
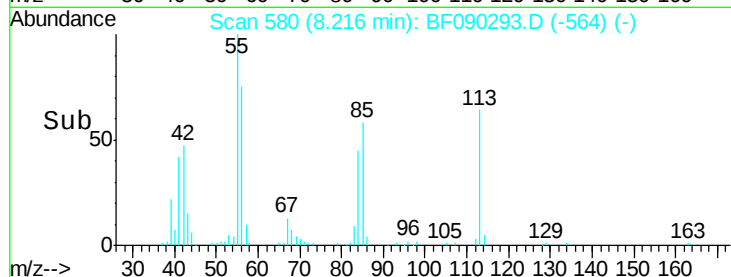
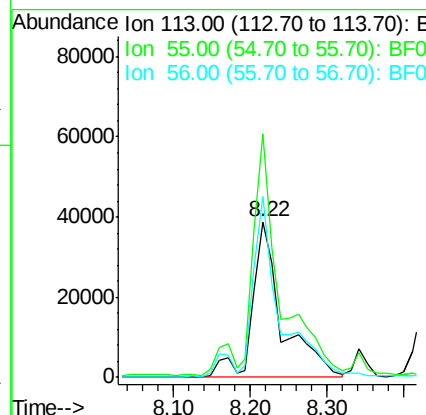
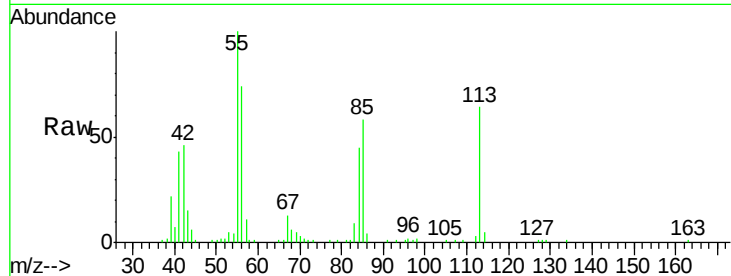
ClientSampled :

S-17MSD

Tot Ion:	113	Resp:	103709
Ion Ratio	Lower	Upper	
113	100		
55	156.8	134.5	174.5
56	116.1	93.7	133.7

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#36

4-Chloro-3-methylphenol

Concen: 38.76 ng

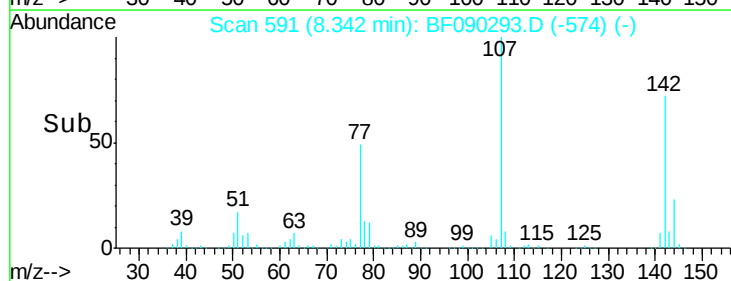
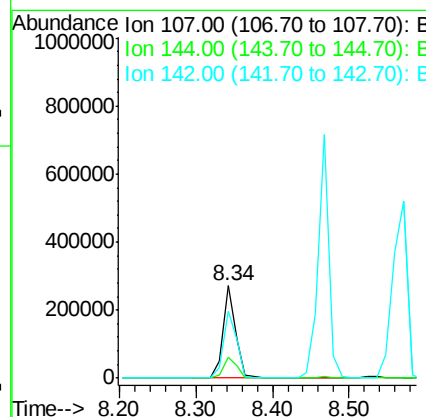
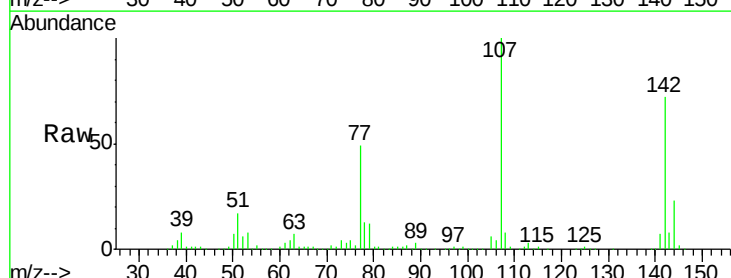
RT: 8.34 min Scan# 591

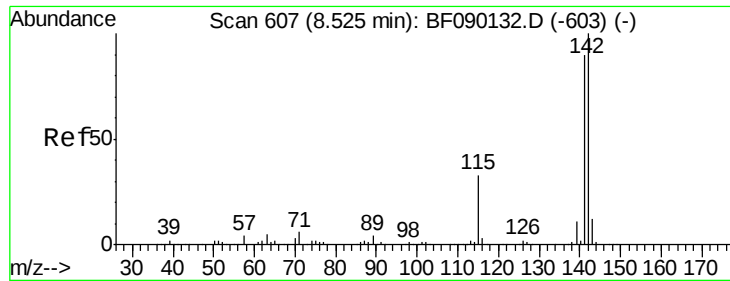
Delta R.T. -0.01 min

Lab File: BF090293.D

Acq: 29 Sep 2016 16:15

Tgt Ion:	107	Resp:	314154
Ion Ratio	Lower	Upper	
107	100		
144	23.3	18.6	27.8
142	72.4	57.0	85.6





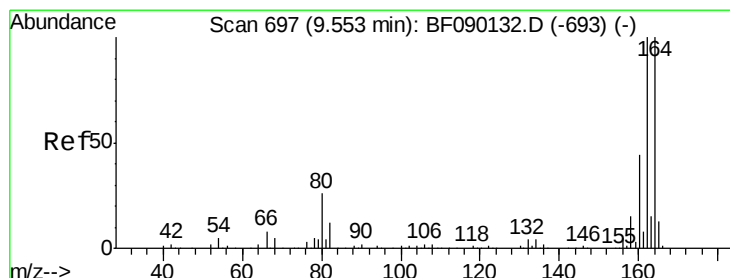
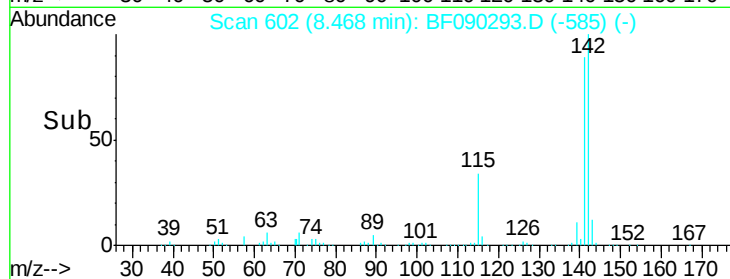
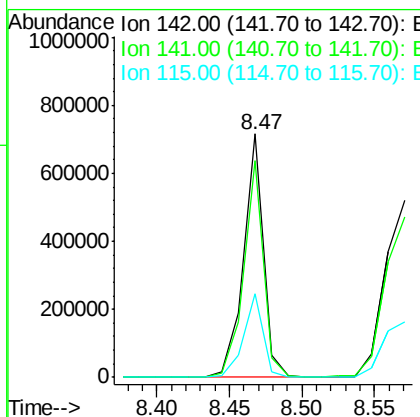
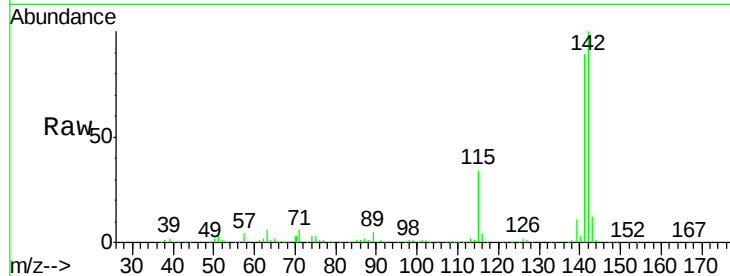
#37
 2-Methylnaphthalene
 Concen: 44.09 ng
 RT: 8.47 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090293.D
 Acq: 29 Sep 2016 16:15

Instrument :
 BNA_F
 ClientSampled :
 S-17MSD

Tot Ion:	142	Resp:	678764
Ion Ratio	Lower	Upper	
142	100		
141	89.2	71.4	107.2
115	34.4	28.3	42.5

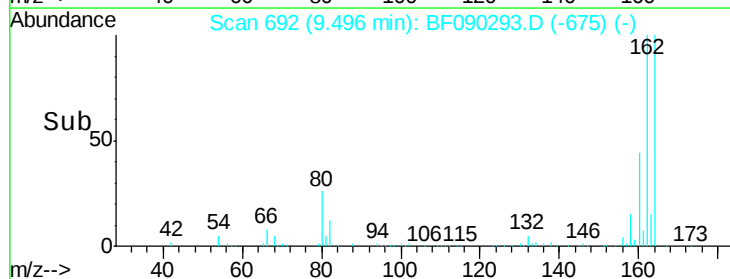
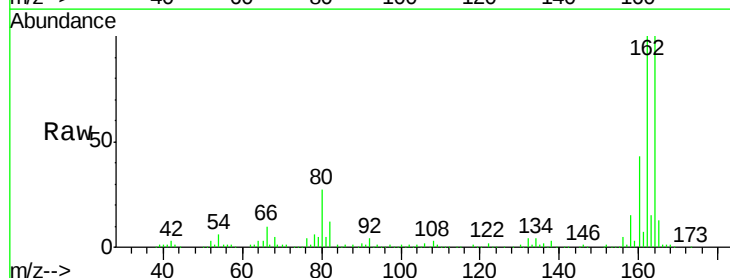
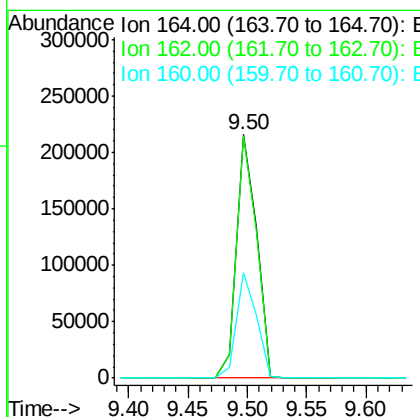
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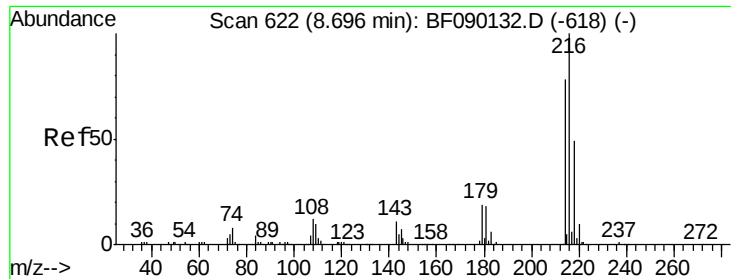
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF090293.D
 Acq: 29 Sep 2016 16:15

Tgt Ion:	164	Resp:	256603
Ion Ratio	Lower	Upper	
164	100		
162	99.5	81.4	122.2
160	43.5	36.6	54.8





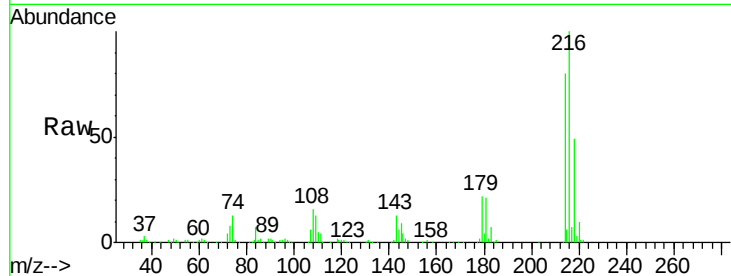
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.56 ng
 RT: 8.64 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF090293.D
 Acq: 29 Sep 2016 16:15

Instrument :
 BNA_F
 ClientSampleId :
 S-17MSD

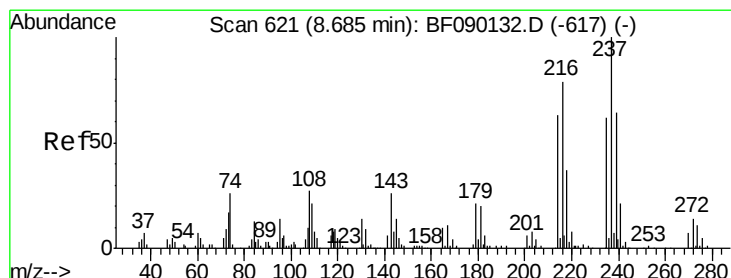
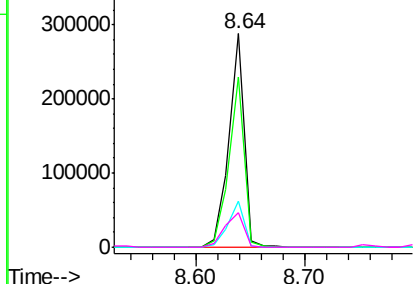
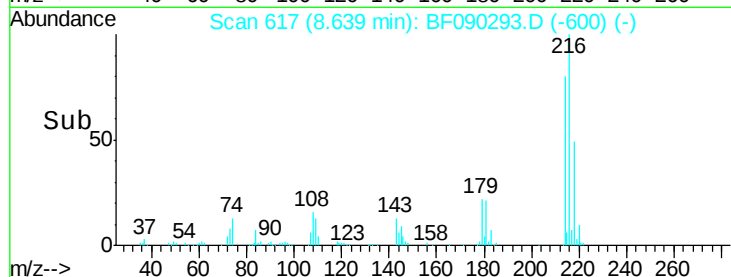
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		280119		
214	79.7		63.7	95.5	
179	22.7		18.5	27.7	
108	20.4		19.5	29.3	

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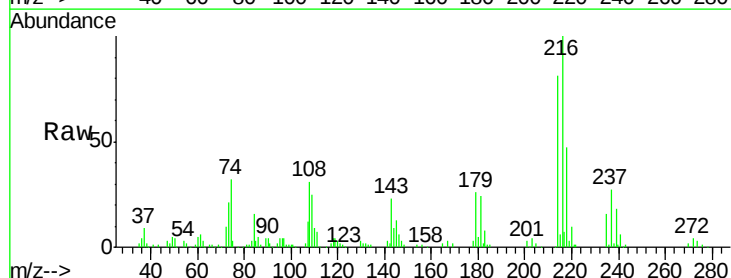


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

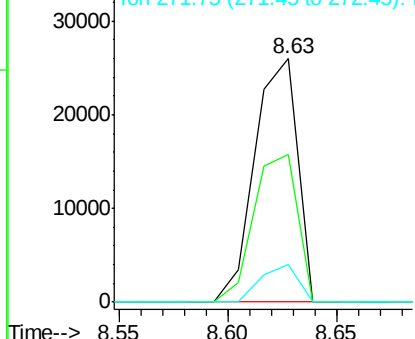
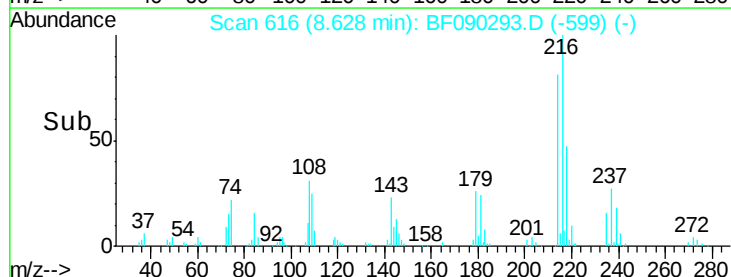


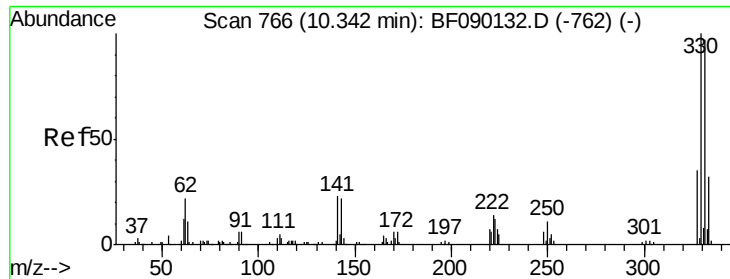
#40
 Hexachlorocyclopentadiene
 Concen: 12.31 ng
 RT: 8.63 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF090293.D
 Acq: 29 Sep 2016 16:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		35764		
235	60.5		42.5	82.5	
272	15.4		0.0	32.0	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





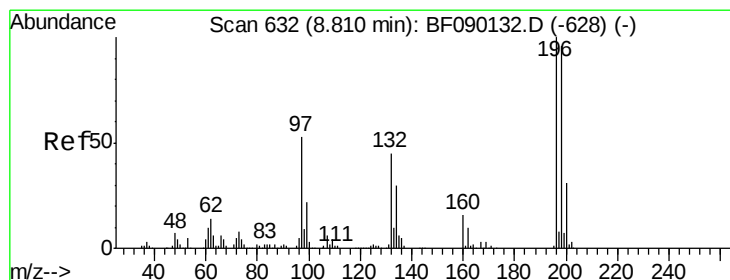
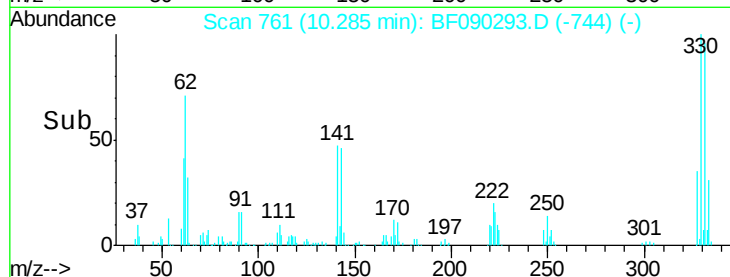
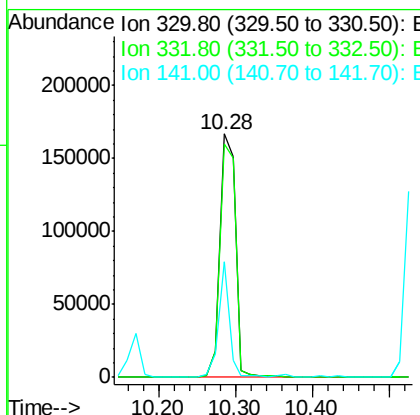
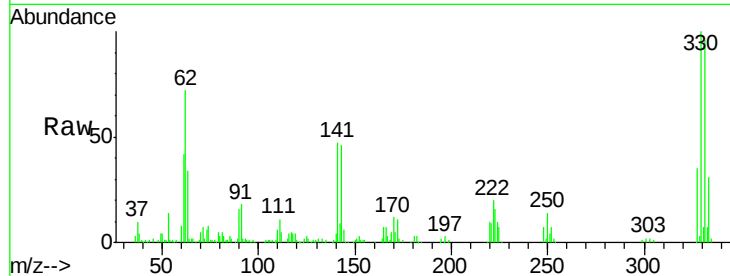
#41
 2,4,6-Tribromophenol
 Concen: 109.22 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF090293.D
 Acq: 29 Sep 2016 16:15

Instrument :
 BNA_F
 ClientSampled :
 S-17MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	240440		
332	97.5		78.1	117.1
141	31.2		23.9	35.9

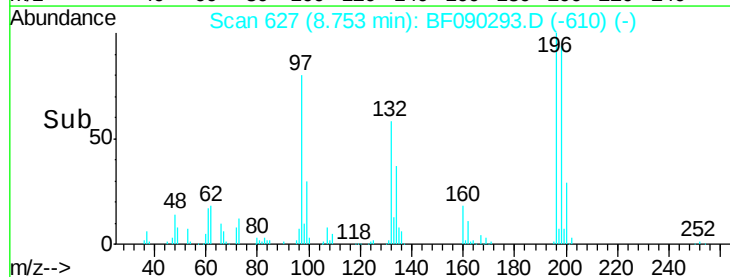
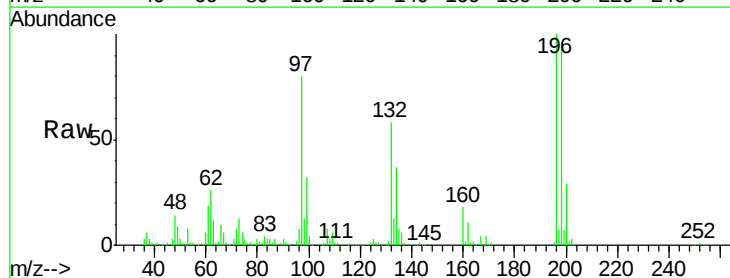
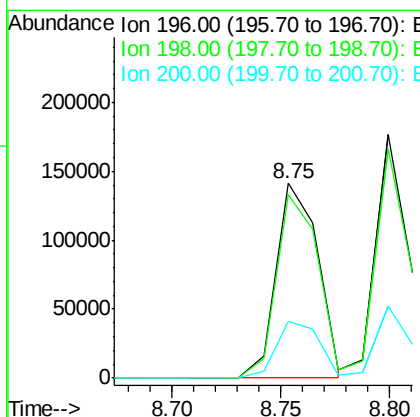
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#42
 2,4,6-Trichlorophenol
 Concen: 44.98 ng
 RT: 8.75 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF090293.D
 Acq: 29 Sep 2016 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	188780		
198	94.2		76.3	114.5
200	29.2		24.1	36.1





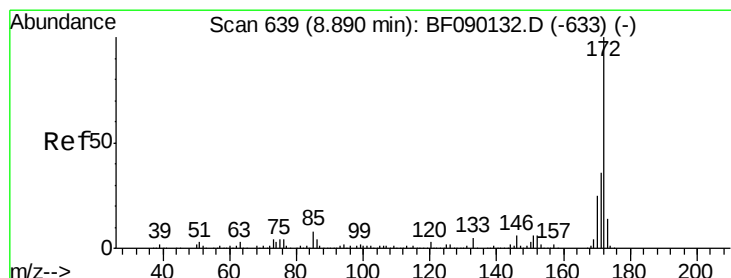
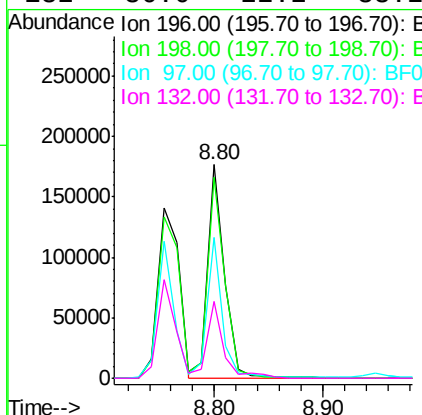
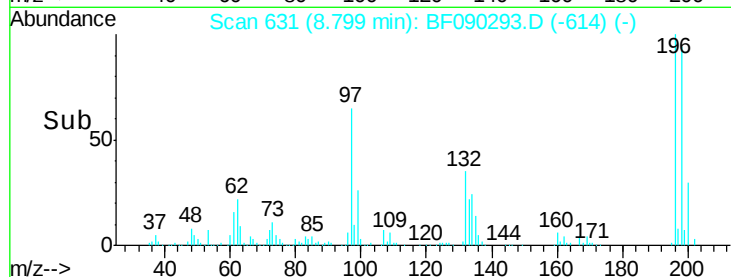
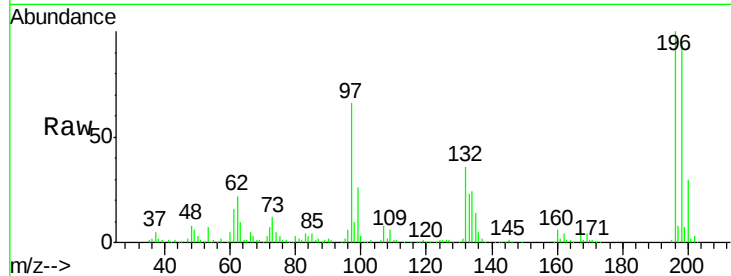
#43
 2,4,5-Trichlorophenol
 Concen: 44.00 ng
 RT: 8.80 min Scan# 631
 Delta R.T. -0.01 min
 Lab File: BF090293.D
 Acq: 29 Sep 2016 16:15

Instrument :
 BNA_F
 ClientSampled :
 S-17MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		191217		
198	94.1	76.6	114.8		
97	66.0	34.4	51.6#		
132	36.0	22.2	33.2#		

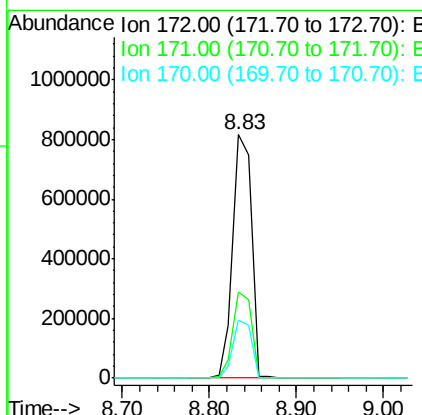
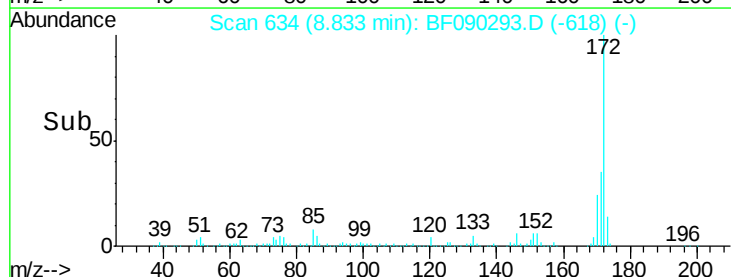
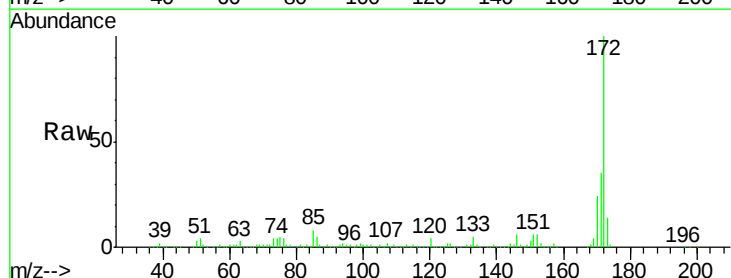
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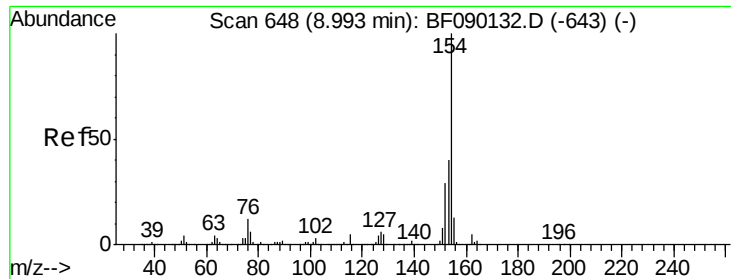
sohil
 9/30/2016 4:00:50 PM



#44
 2-Fluorobiphenyl
 Concen: 92.91 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.02 min
 Lab File: BF090293.D
 Acq: 29 Sep 2016 16:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1214375		
171	35.2	29.2	43.8		
170	23.9	19.8	29.8		





#45

1,1'-Biphenyl

Concen: 44.76 ng

RT: 8.94 min Scan# 643

Delta R.T. -0.01 min

Lab File: BF090293.D

Acq: 29 Sep 2016 16:15

Instrument :

BNA_F

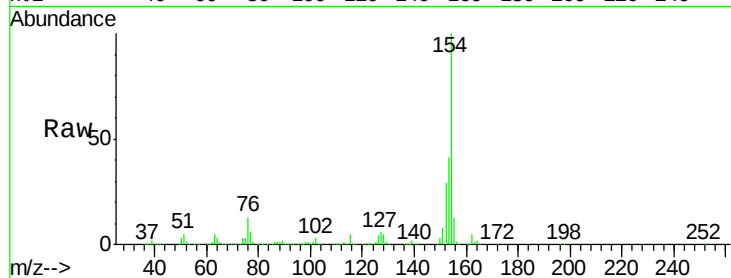
ClientSampleId :

S-17MSD

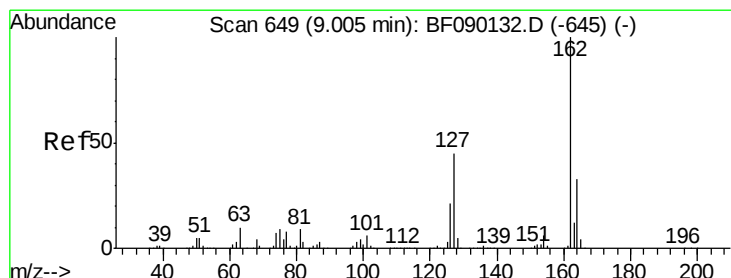
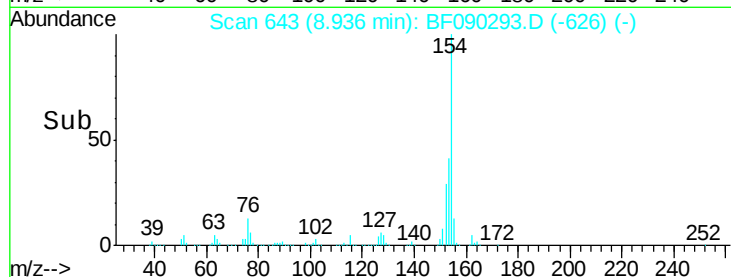
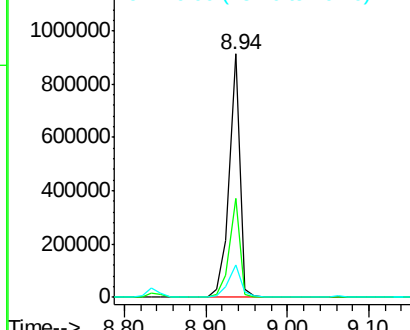
Tot Ion:	154	Resp:	821688
Ion Ratio	Lower	Upper	
154	100		
153	40.8	20.6	60.6
76	13.3	0.0	36.7

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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: 44.52 ng

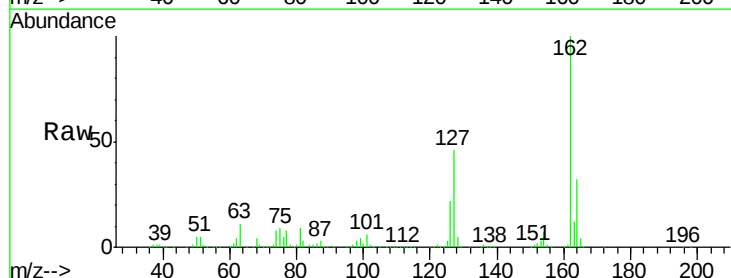
RT: 8.95 min Scan# 644

Delta R.T. -0.02 min

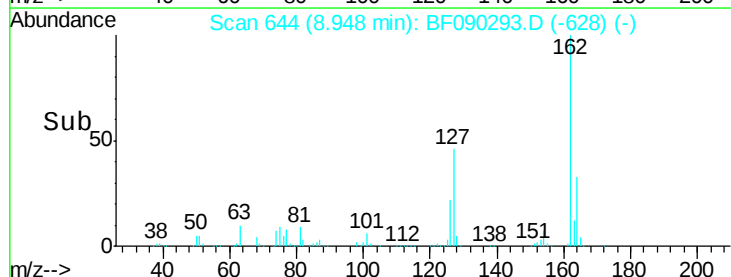
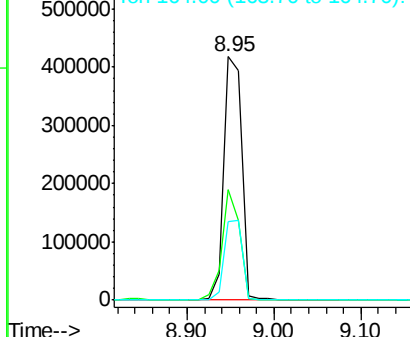
Lab File: BF090293.D

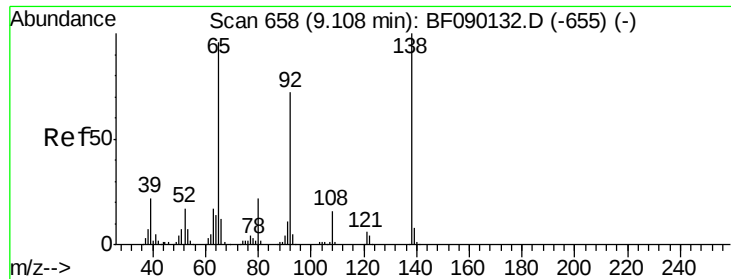
Acq: 29 Sep 2016 16:15

Tgt Ion:	162	Resp:	602966
Ion Ratio	Lower	Upper	
162	100		
127	45.6	34.0	51.0
164	32.4	26.8	40.2



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





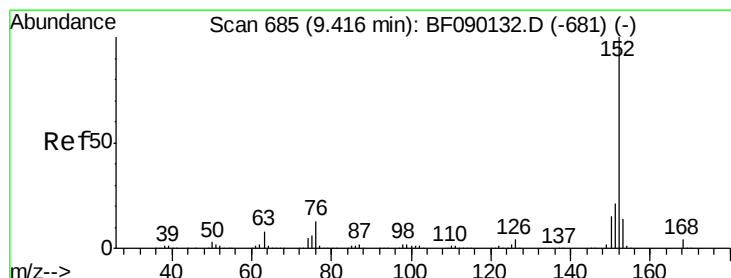
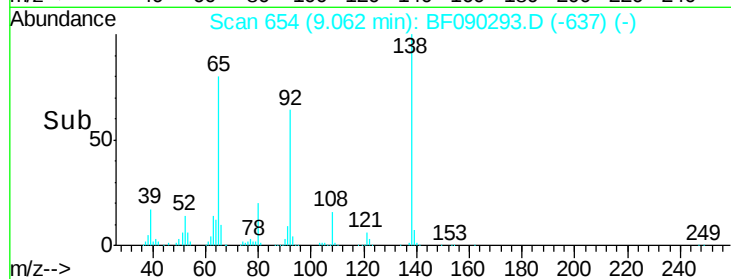
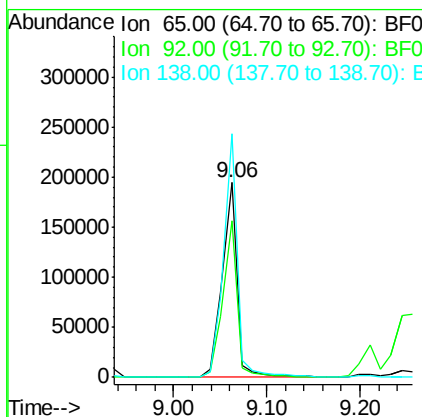
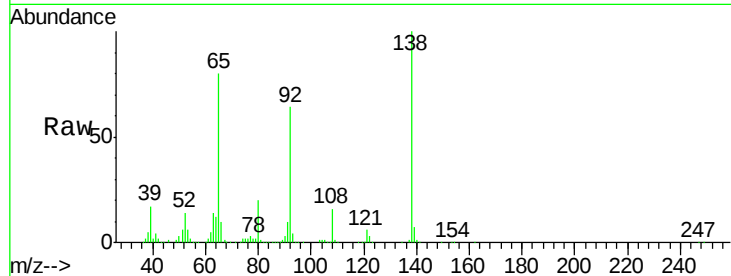
#47
2-Nitroaniline
Concen: 53.15 ng
RT: 9.06 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF090293.D
Acq: 29 Sep 2016 16:15

Instrument :
BNA_F
ClientSampleId :
S-17MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	80.5	66.1	99.1
138	125.1	104.1	156.1

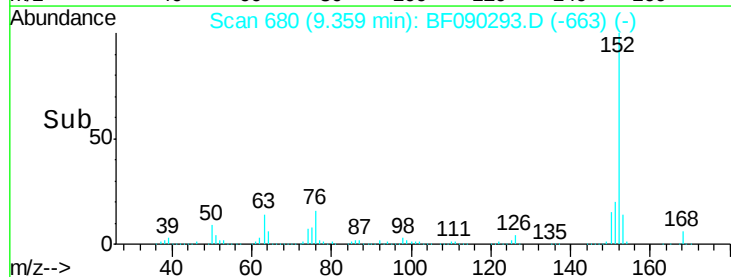
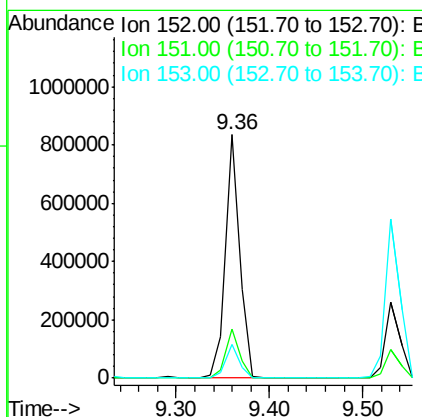
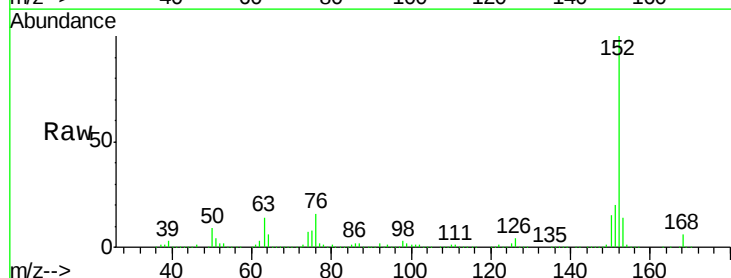
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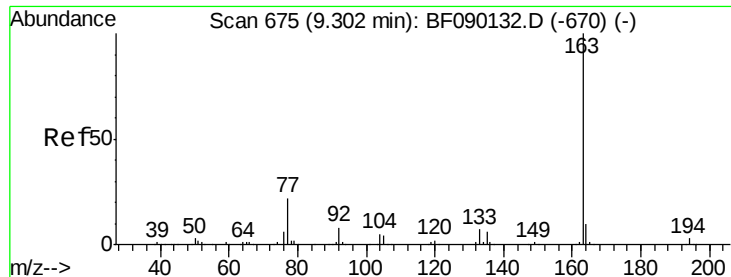
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#48
Acenaphthylene
Concen: 40.61 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF090293.D
Acq: 29 Sep 2016 16:15

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.5	24.7
153	13.7	10.6	15.8





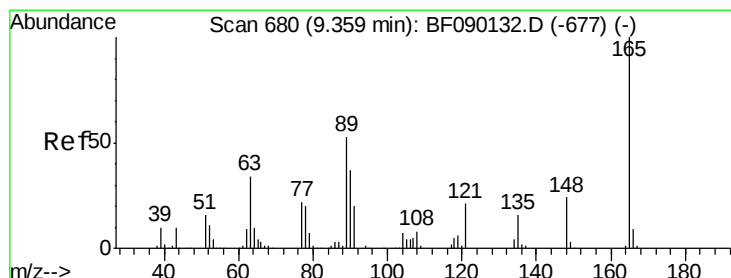
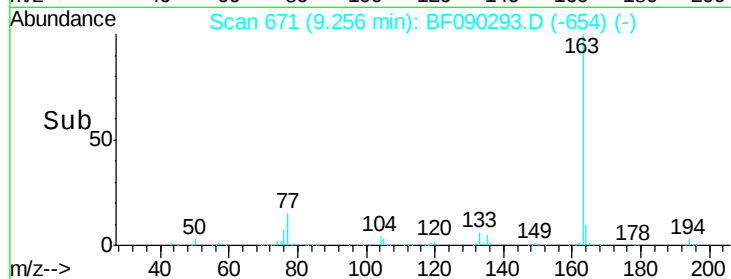
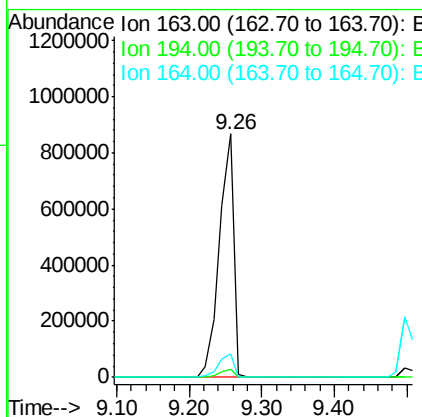
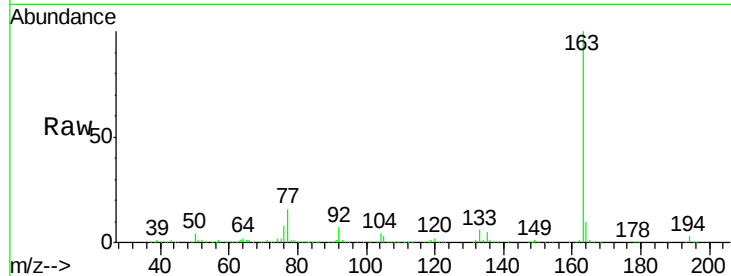
#49
Dimethylphthalate
Concen: 73.34 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF090293.D
Acq: 29 Sep 2016 16:15

Instrument :
BNA_F
ClientSampleId :
S-17MSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	9.8	8.1	12.1

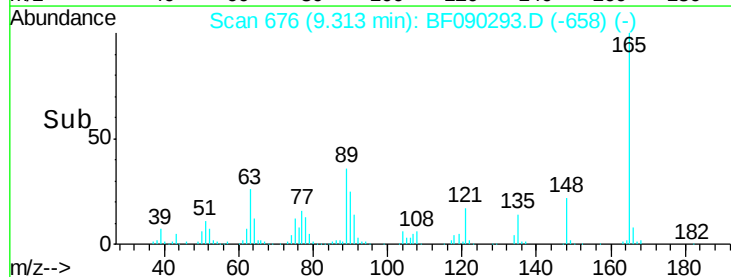
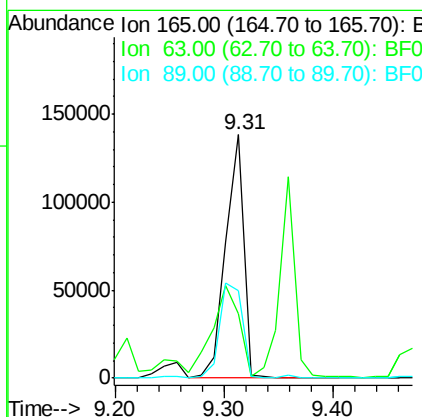
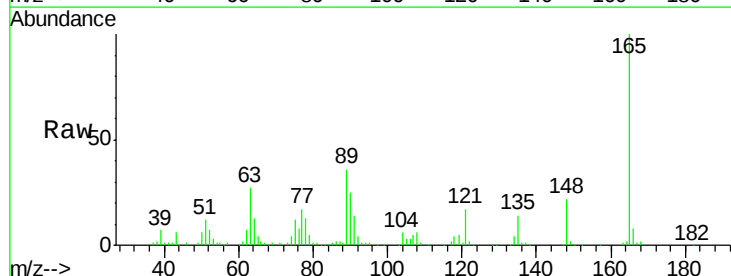
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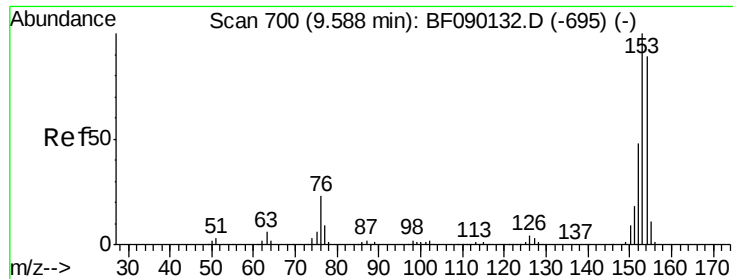
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#50
2,6-Dinitrotoluene
Concen: 43.92 ng
RT: 9.31 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF090293.D
Acq: 29 Sep 2016 16:15

Tgt Ion	Ratio	Lower	Upper
165	100		
63	26.5	49.9	74.9#
89	36.0	51.0	76.4#





#51

Acenaphthene

Concen: 39.86 ng

RT: 9.53 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF090293.D

Acq: 29 Sep 2016 16:15

Instrument :

BNA_F

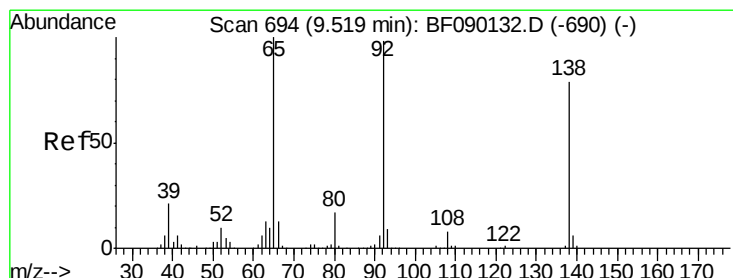
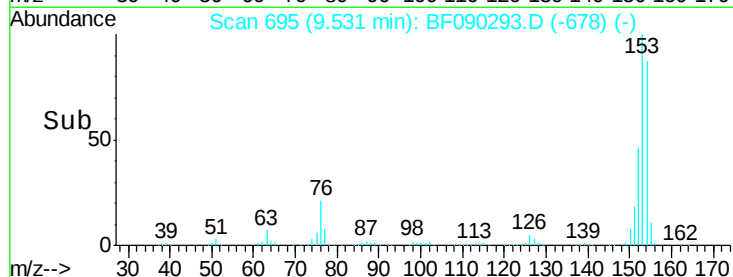
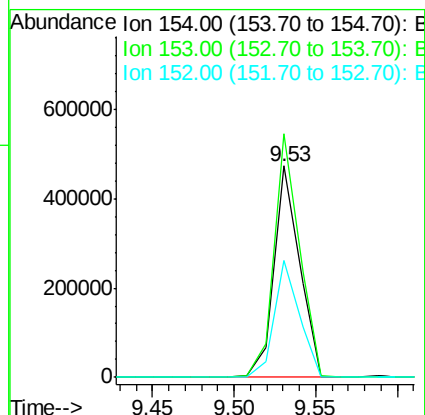
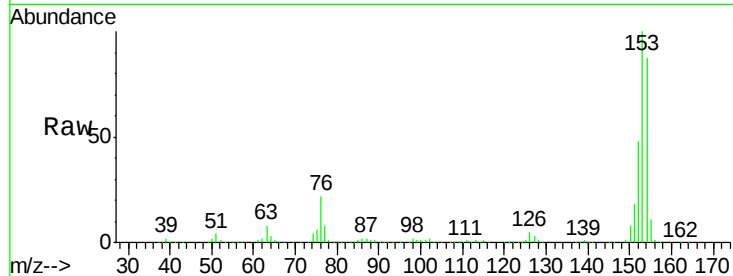
ClientSampled :

S-17MSD

Tot Ion:	154	Resp:	520396
Ion Ratio	Lower	Upper	
154	100		
153	115.2	90.8	136.2
152	55.2	44.2	66.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 38.77 ng

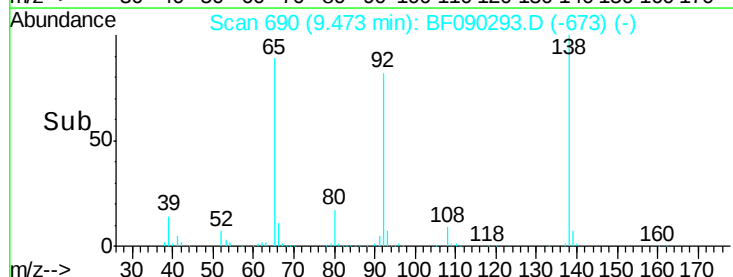
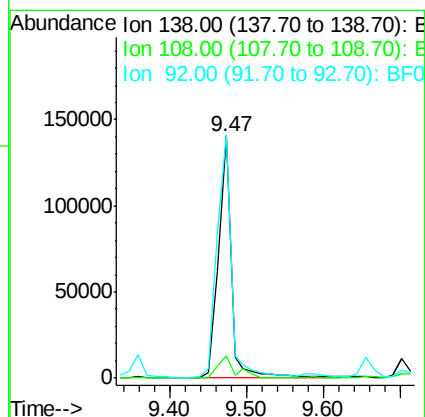
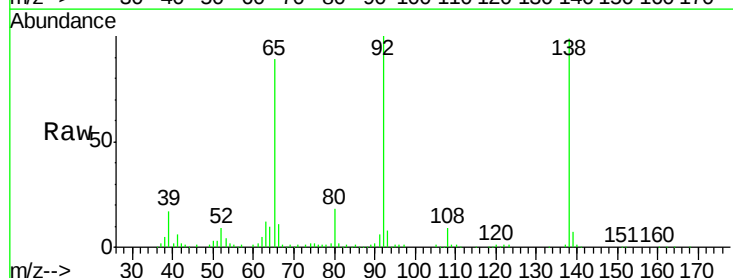
RT: 9.47 min Scan# 690

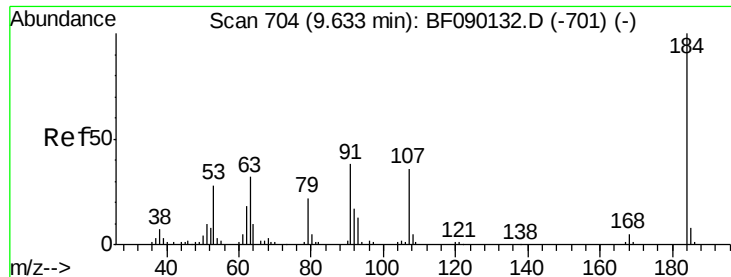
Delta R.T. -0.01 min

Lab File: BF090293.D

Acq: 29 Sep 2016 16:15

Tgt Ion:	138	Resp:	165577
Ion Ratio	Lower	Upper	
138	100		
108	9.1	7.8	11.6
92	100.6	90.7	136.1





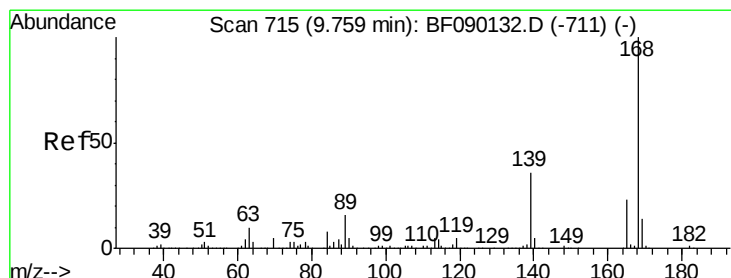
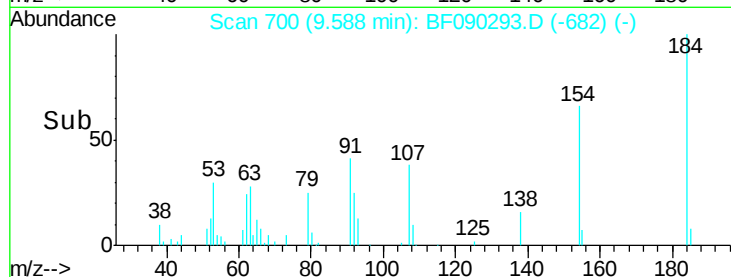
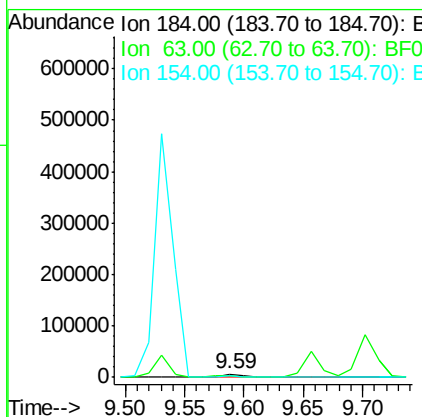
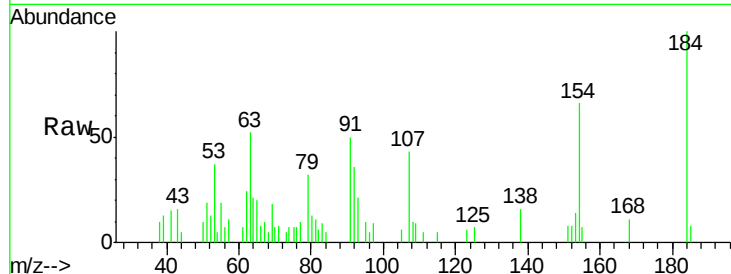
#53
 2,4-Dinitrophenol
 Concen: 7.60 ng
 RT: 9.59 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF090293.D
 Acq: 29 Sep 2016 16:15

Instrument :
 BNA_F
 ClientSampleId :
 S-17MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	51.8	44.6	67.0
154	66.4	49.7	74.5

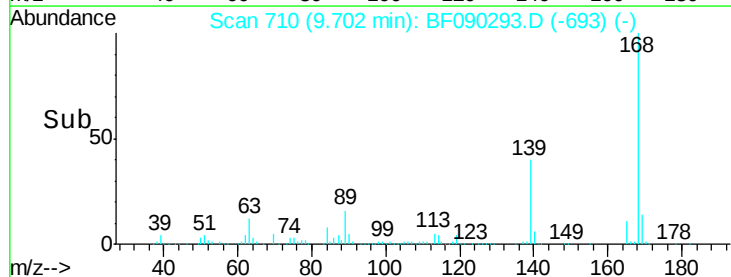
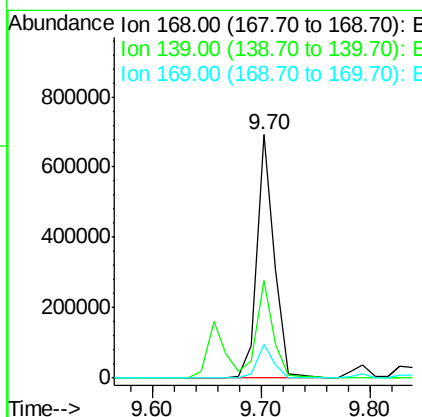
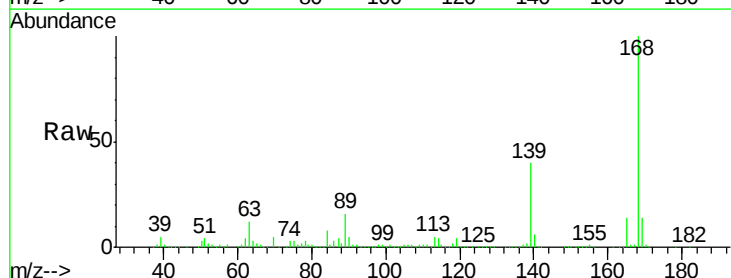
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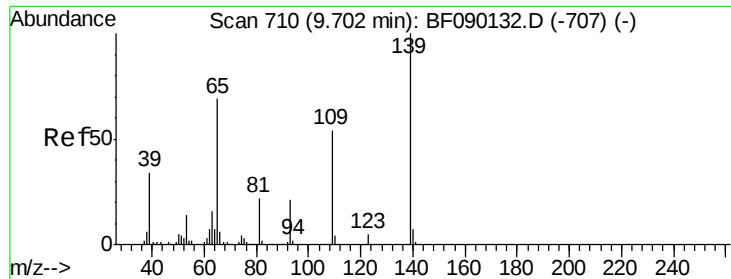
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#54
 Dibenzofuran
 Concen: 45.03 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BF090293.D
 Acq: 29 Sep 2016 16:15

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.4	28.8	43.2
169	14.1	10.7	16.1





#55

4-Nitrophenol

Concen: 63.44 ng

RT: 9.66 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF090293.D

Acq: 29 Sep 2016 16:15

Instrument :

BNA_F

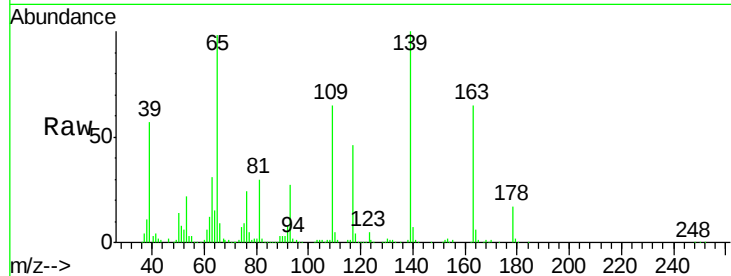
ClientSampled :

S-17MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	185599		
109	64.7	35.6	75.6	
65	98.1	55.5	95.5	

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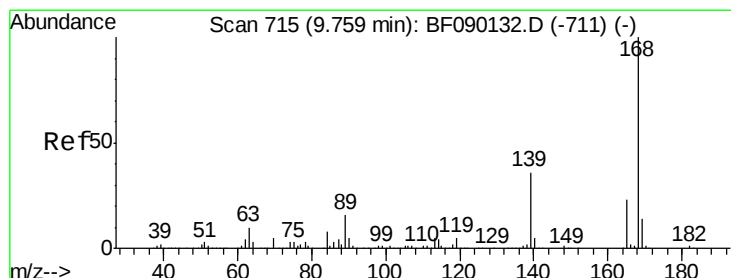
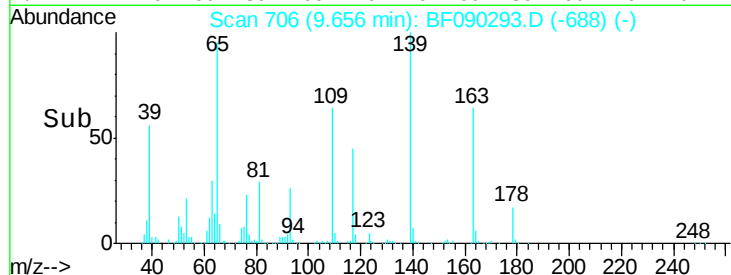
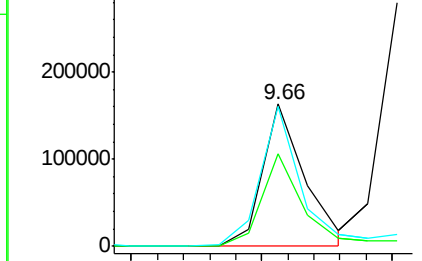
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 41.35 ng

RT: 9.71 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF090293.D

Acq: 29 Sep 2016 16:15

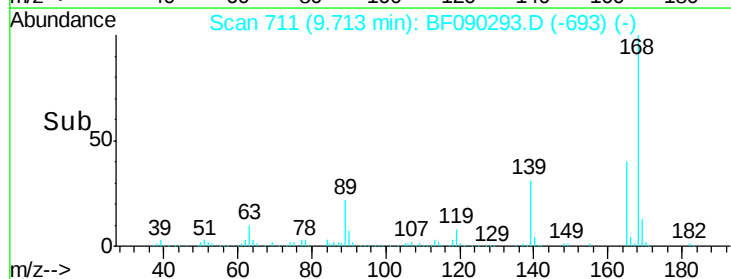
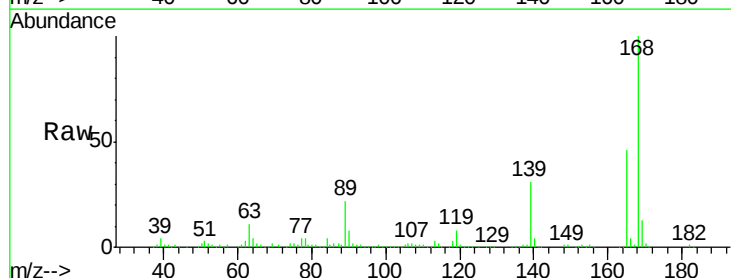
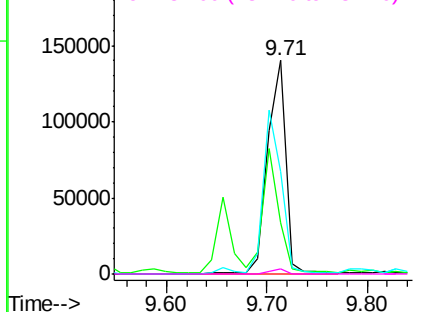
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	178127		
63	23.8	44.4	66.6	
89	48.1	70.1	105.1	
182	2.4	1.7	2.5	

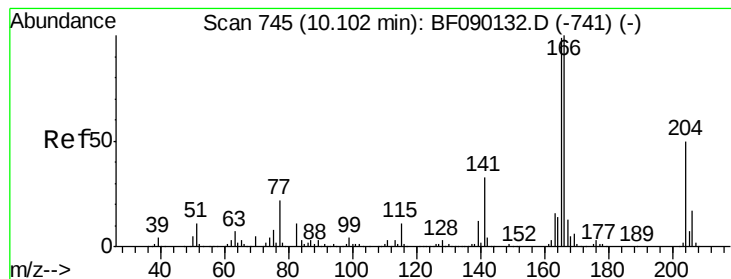
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.78 ng

RT: 10.04 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF090293.D

Acq: 29 Sep 2016 16:15

Instrument :

BNA_F

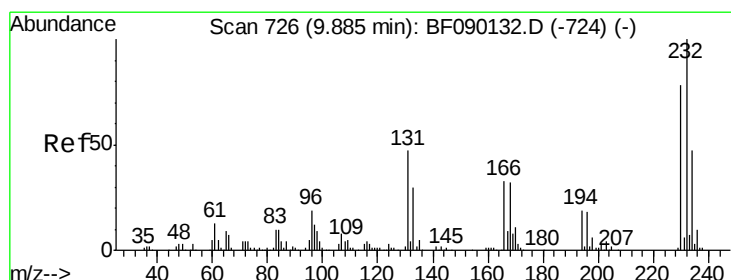
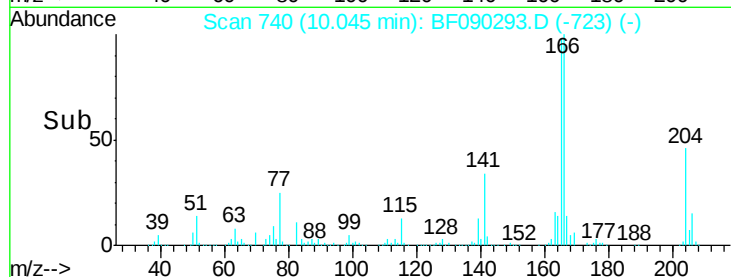
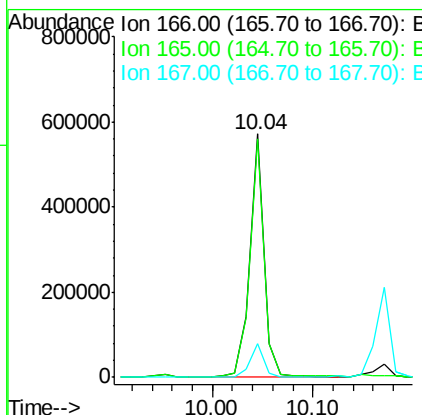
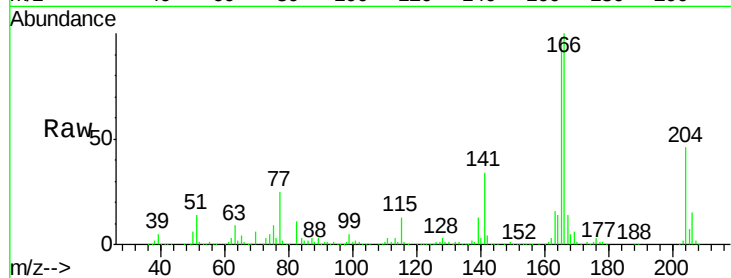
ClientSampled :

S-17MSD

Tot Ion:	166	Resp:	566864
Ion Ratio	Lower	Upper	
166	100		
165	98.2	78.5	117.7
167	13.8	11.2	16.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 43.31 ng

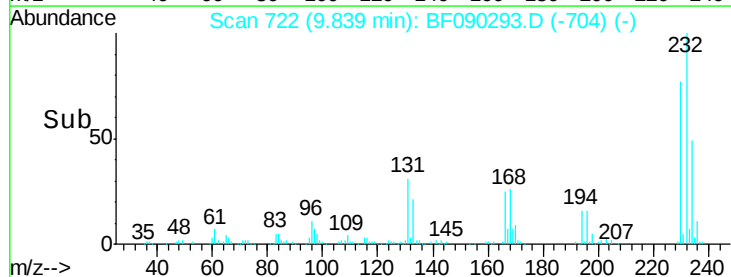
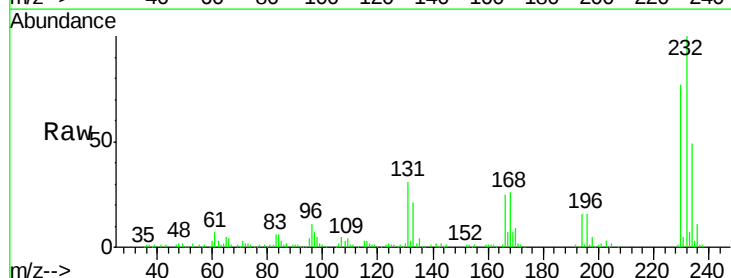
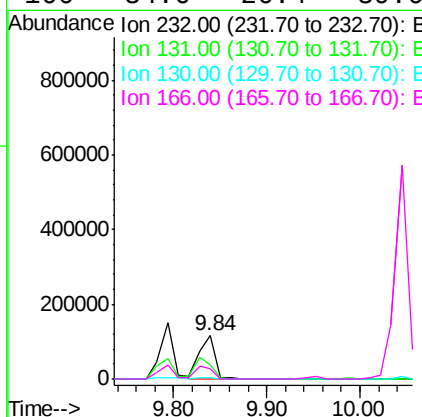
RT: 9.84 min Scan# 722

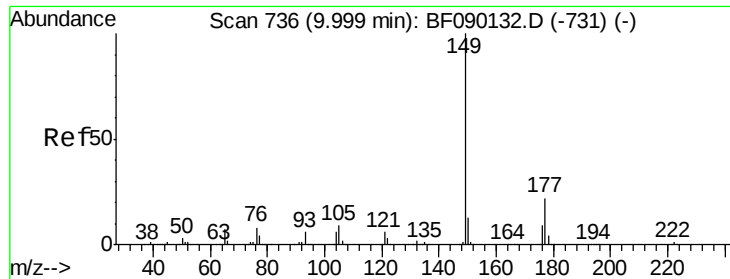
Delta R.T. 0.00 min

Lab File: BF090293.D

Acq: 29 Sep 2016 16:15

Tgt Ion:	232	Resp:	140906
Ion Ratio	Lower	Upper	
232	100		
131	46.9	42.2	63.4
130	0.0	1.9	2.9#
166	34.6	26.4	39.6





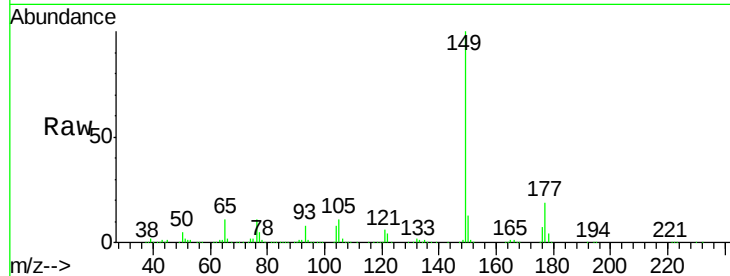
#59
Diethylphthalate
Concen: 45.38 ng
RT: 9.94 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF090293.D
Acq: 29 Sep 2016 16:15

Instrument :
BNA_F
ClientSampleId :
S-17MSD

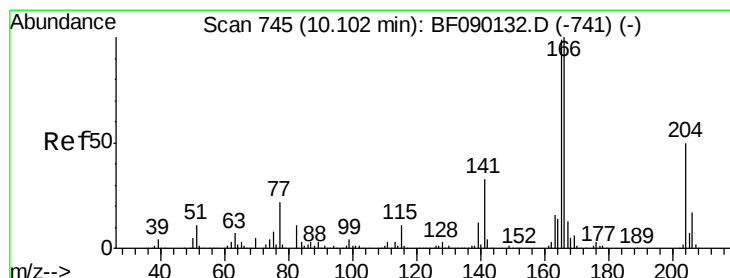
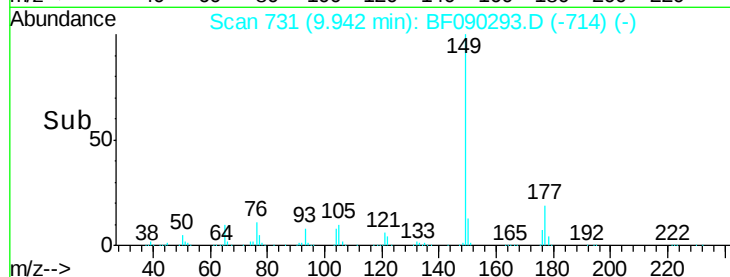
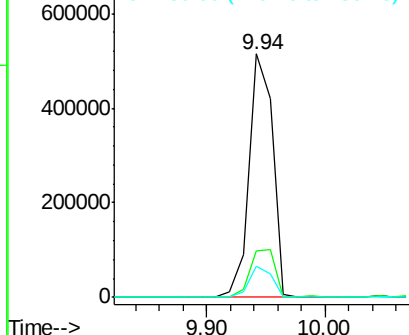
Tot Ion	Ratio	Resp	Lower	Upper
149	100	716289		
177	19.3		15.8	23.6
150	12.7		10.4	15.6

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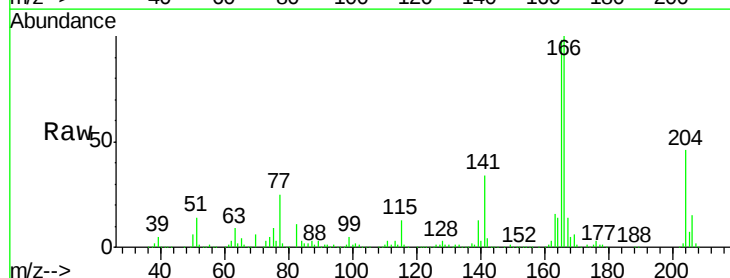


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

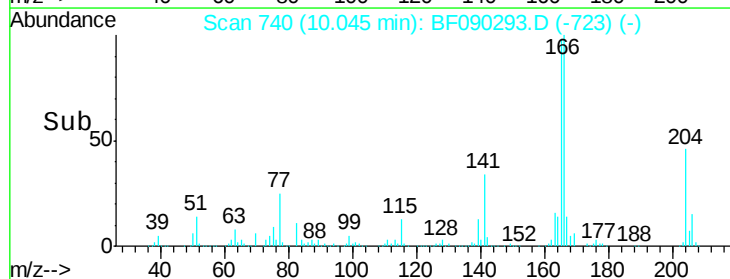
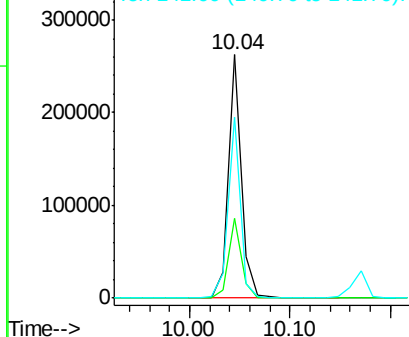


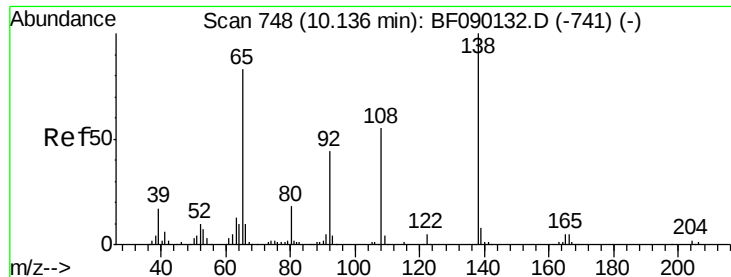
#60
4-Chlorophenyl-phenylether
Concen: 39.74 ng
RT: 10.04 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF090293.D
Acq: 29 Sep 2016 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	234640		
206	32.8		25.6	38.4
141	74.5		64.4	96.6



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





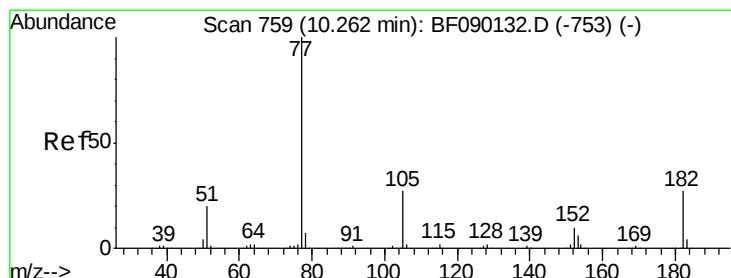
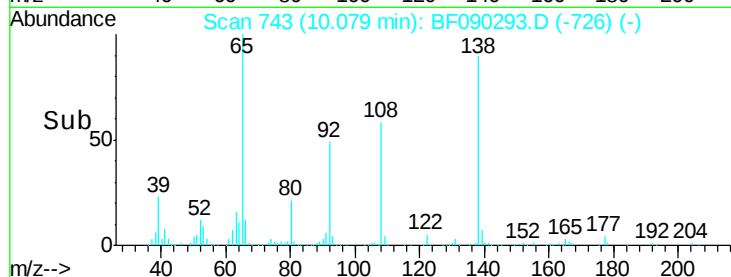
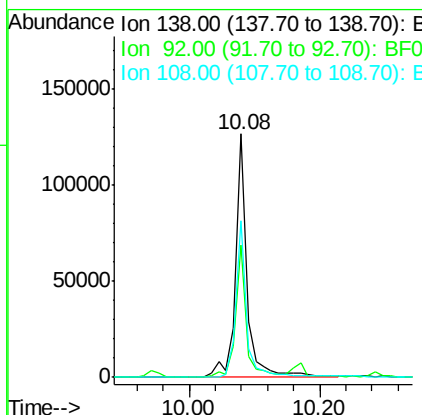
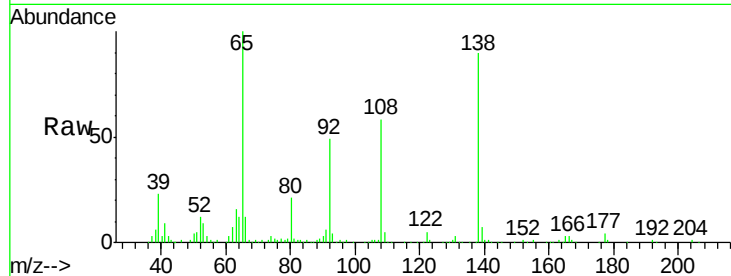
#61
4-Nitroaniline
Concen: 35.60 ng
RT: 10.08 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF090293.D
Acq: 29 Sep 2016 16:15

Instrument :
BNA_F
ClientSampled :
S-17MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	54.1	23.8	63.8
108	64.4	35.0	75.0

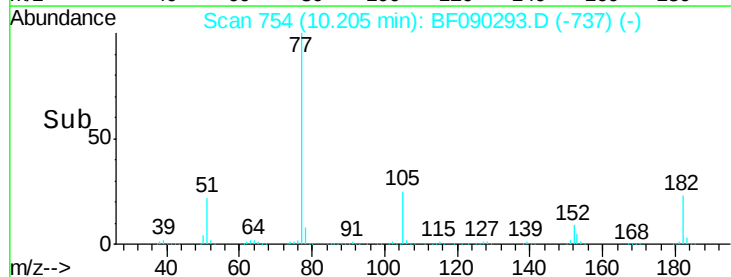
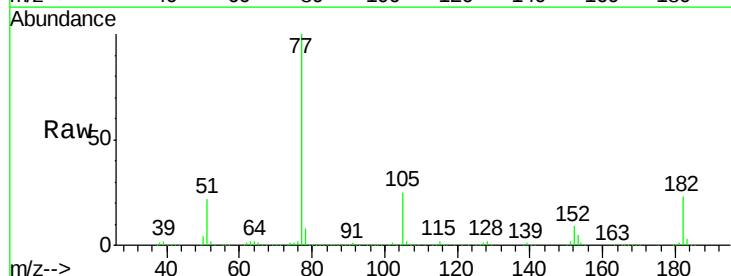
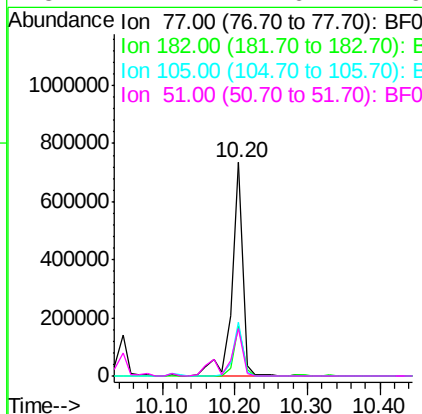
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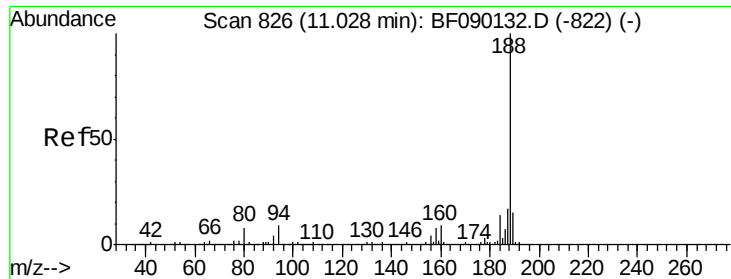
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#62
Azobenzene
Concen: 45.67 ng
RT: 10.20 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF090293.D
Acq: 29 Sep 2016 16:15

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.5	0.0	38.4
105	25.3	3.8	43.8
51	22.1	2.6	42.6





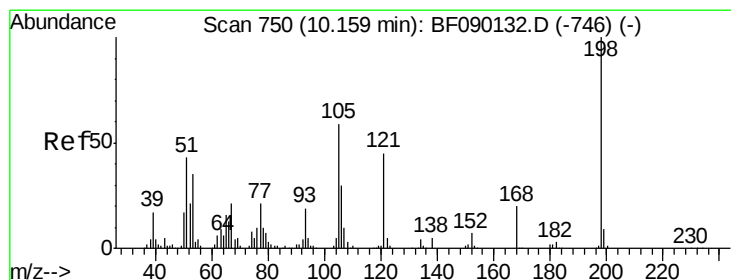
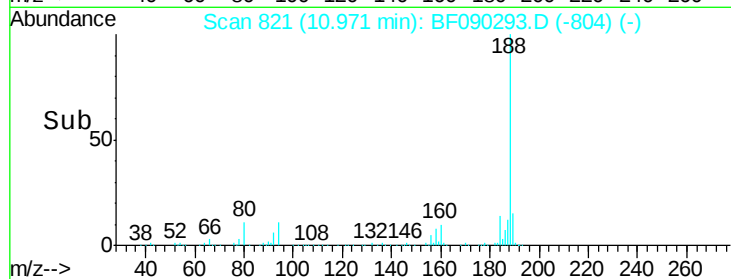
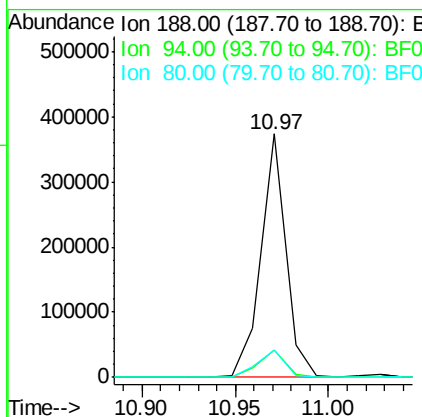
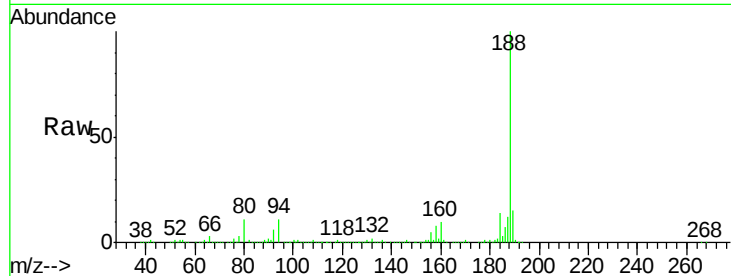
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF090293.D
Acq: 29 Sep 2016 16:15

Instrument :
BNA_F
ClientSampled :
S-17MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	347247		
94	11.0	10.5	15.7	
80	11.1	11.2	16.8#	

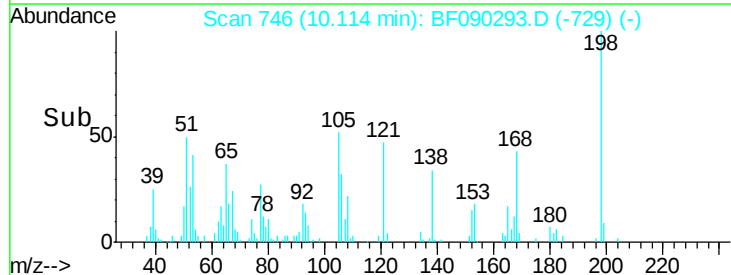
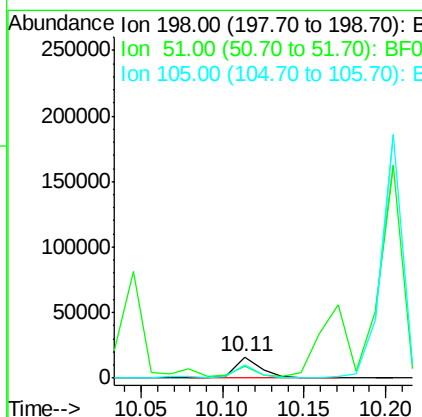
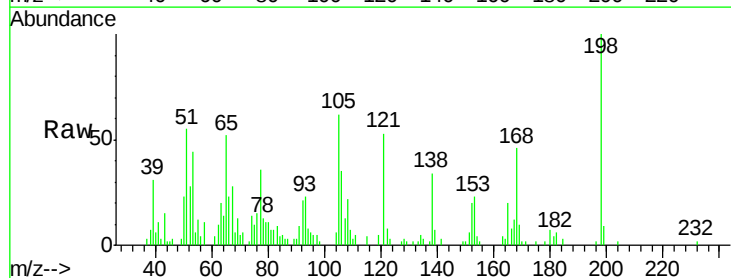
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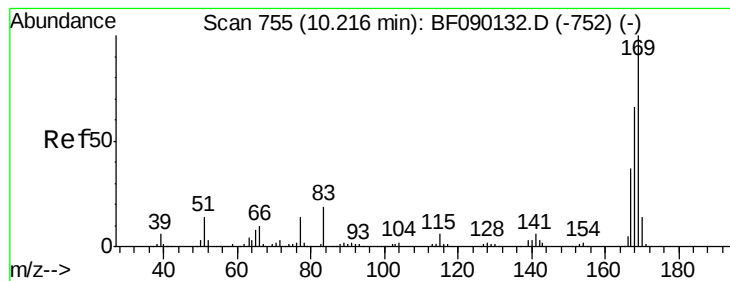
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#64
4,6-Dinitro-2-methylphenol
Concen: 7.85 ng
RT: 10.11 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF090293.D
Acq: 29 Sep 2016 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	17068		
51	55.3	5.5	45.5#	
105	62.2	21.8	61.8#	





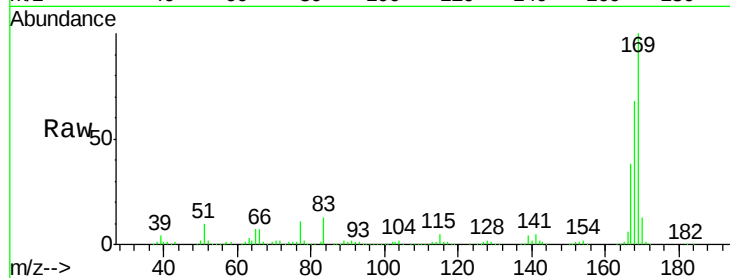
#65
 n-Nitrosodiphenylamine
 Concen: 50.29 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF090293.D
 Acq: 29 Sep 2016 16:15

Instrument :
 BNA_F
 ClientSampleId :
 S-17MSD

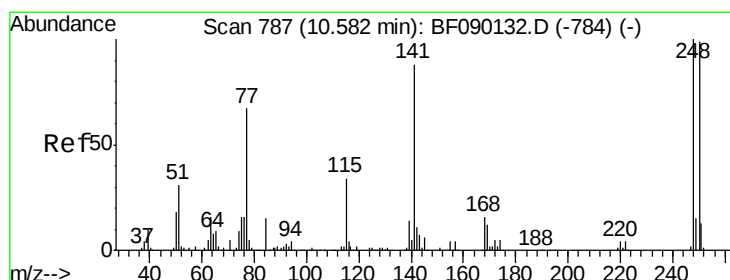
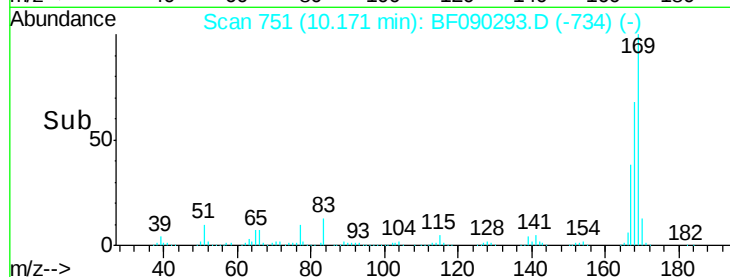
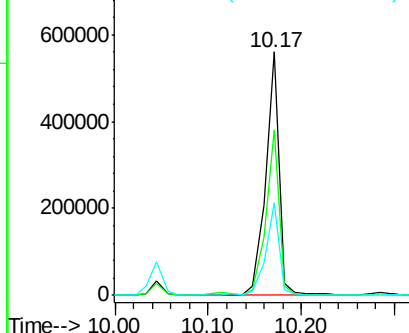
Tot Ion	Ratio	Resp	Lower	Upper
169	100	574224		
168	68.1		54.2	81.4
167	37.9		30.3	45.5

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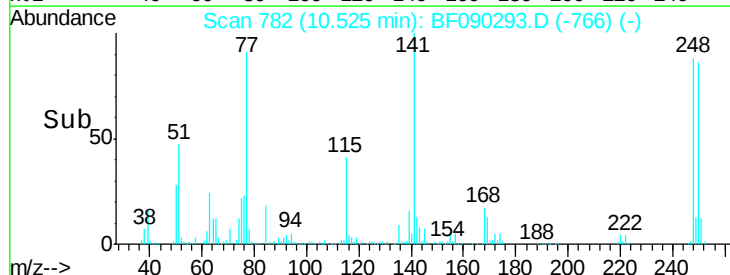
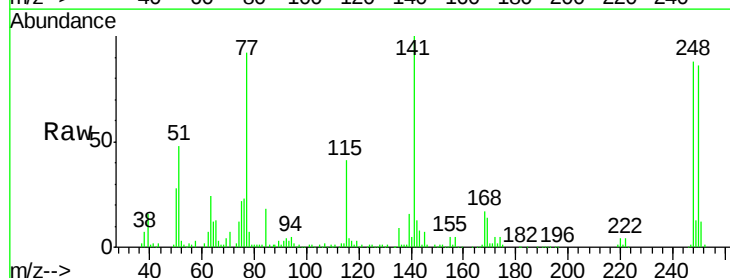
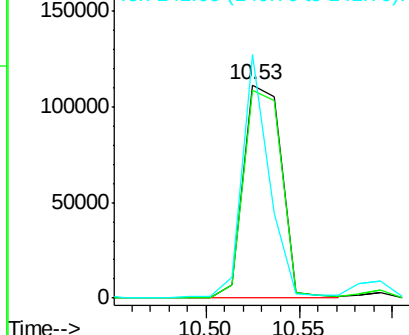
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

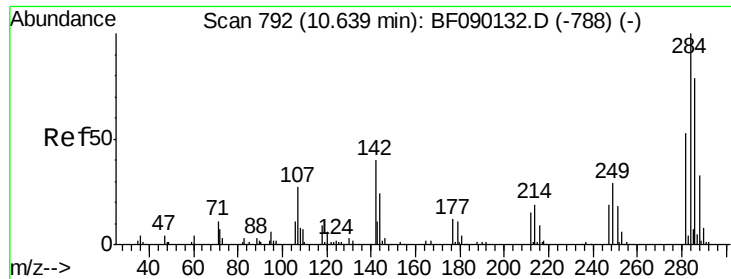


#66
 4-Bromophenyl-phenylether
 Concen: 45.95 ng
 RT: 10.53 min Scan# 782
 Delta R.T. -0.02 min
 Lab File: BF090293.D
 Acq: 29 Sep 2016 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	157022		
250	97.6		79.4	119.2
141	114.0		49.3	73.9#

Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





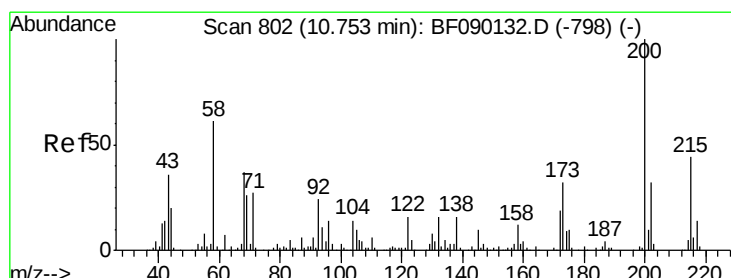
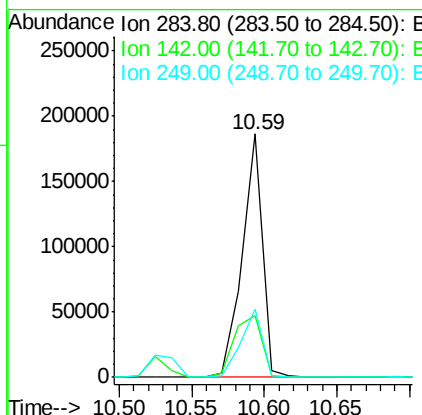
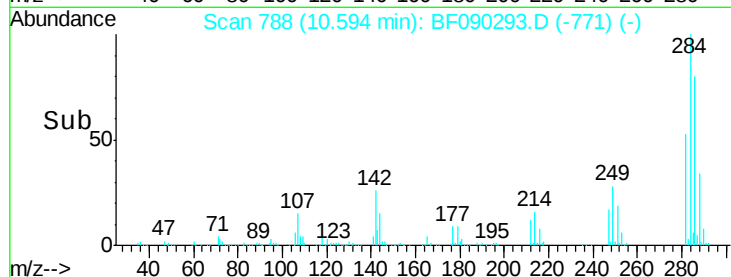
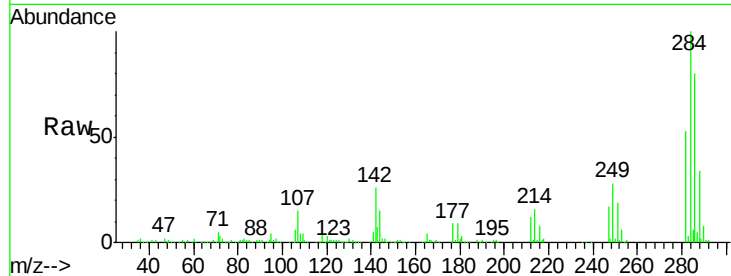
#67
Hexachlorobenzene
Concen: 45.16 ng
RT: 10.59 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF090293.D
Acq: 29 Sep 2016 16:15

Instrument :
BNA_F
ClientSampled :
S-17MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	179832		
142	25.6	24.0	36.0	
249	28.3	23.8	35.6	

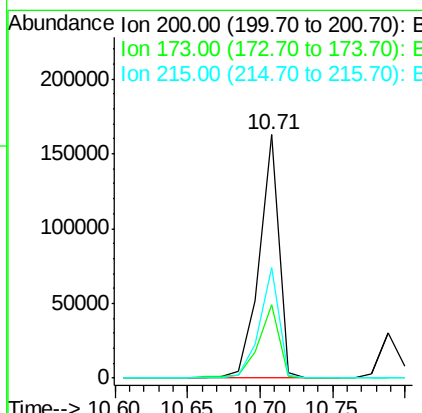
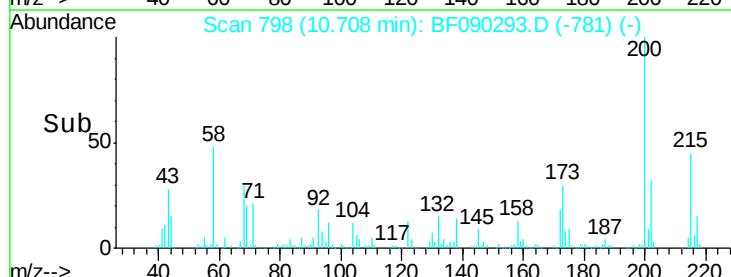
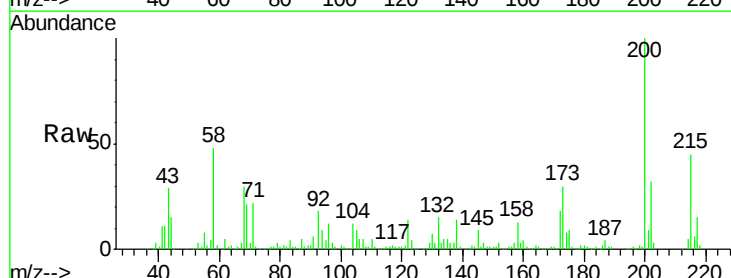
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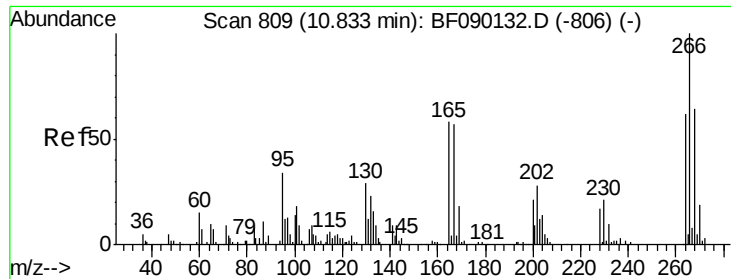
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#68
Atrazine
Concen: 49.40 ng
RT: 10.71 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF090293.D
Acq: 29 Sep 2016 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	154575		
173	30.2	9.3	49.3	
215	45.5	26.1	66.1	





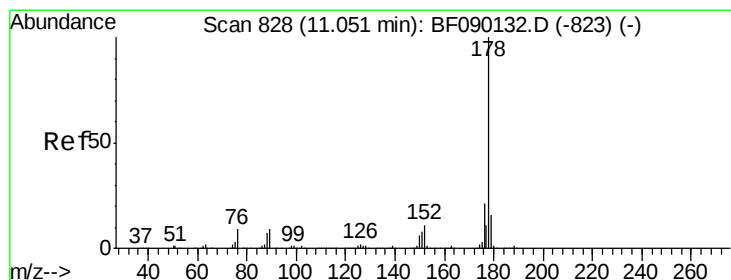
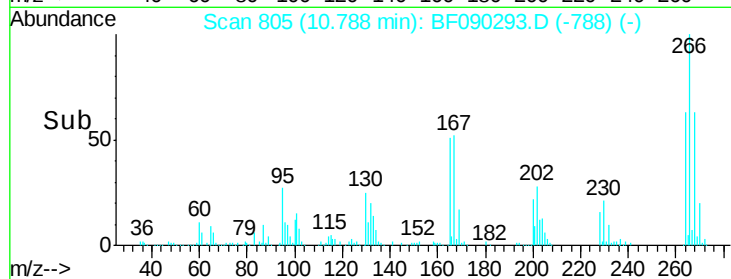
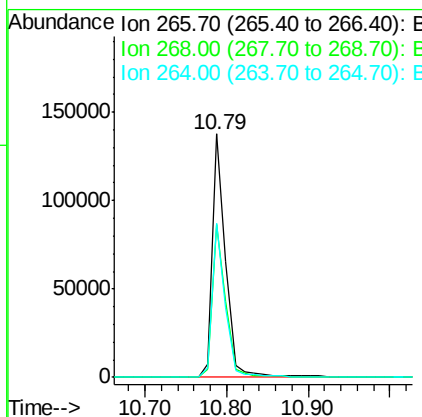
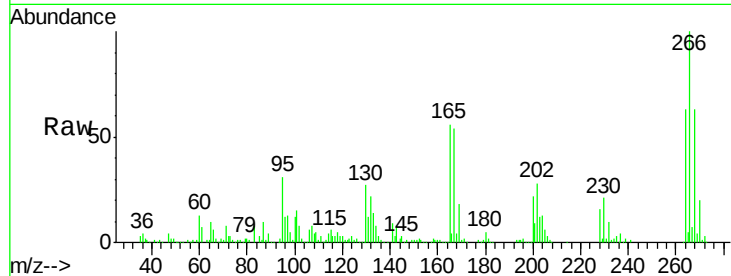
#69
 Pentachlorophenol
 Concen: 69.85 ng
 RT: 10.79 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF090293.D
 Acq: 29 Sep 2016 16:15

Instrument :
 BNA_F
 ClientSampleId :
 S-17MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	157895		
268	63.0	52.1	78.1	
264	63.3	50.3	75.5	

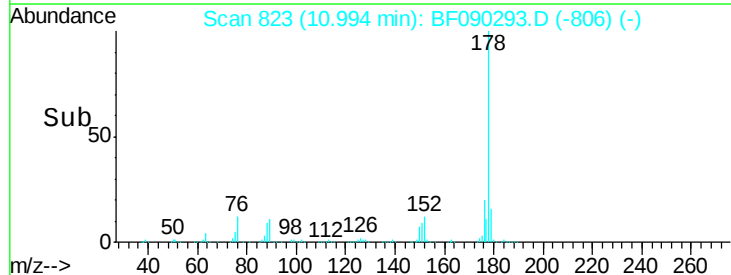
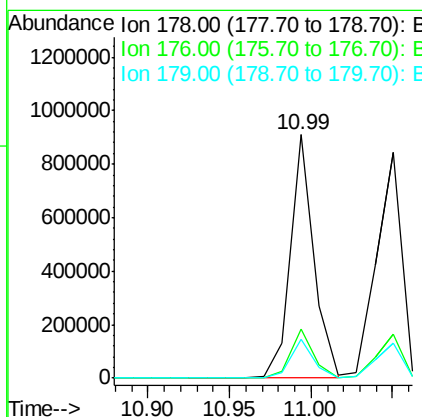
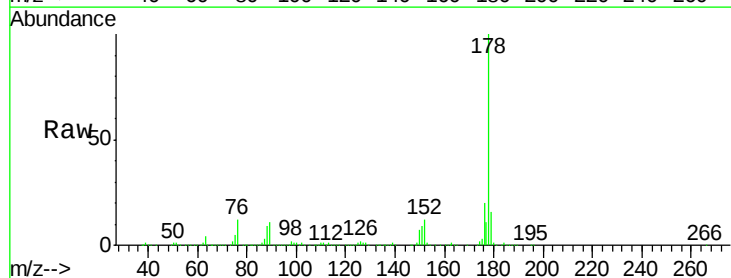
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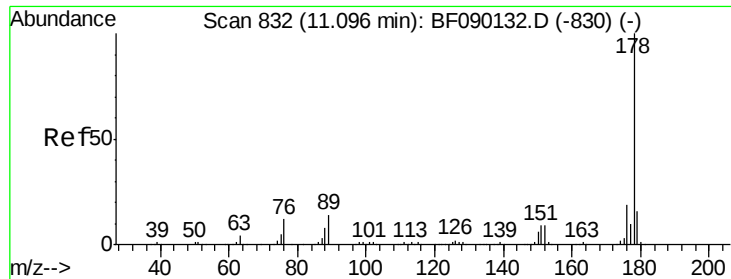
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#70
 Phenanthrene
 Concen: 56.07 ng
 RT: 10.99 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BF090293.D
 Acq: 29 Sep 2016 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	910627		
176	20.3	15.9	23.9	
179	15.9	12.9	19.3	





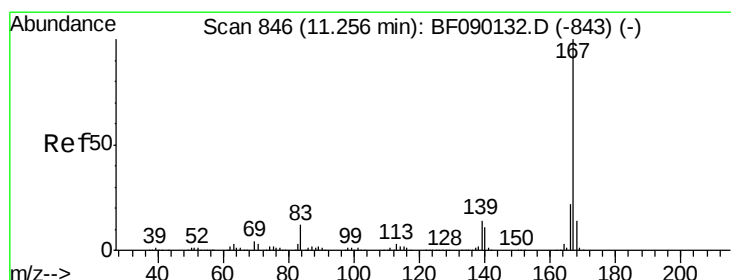
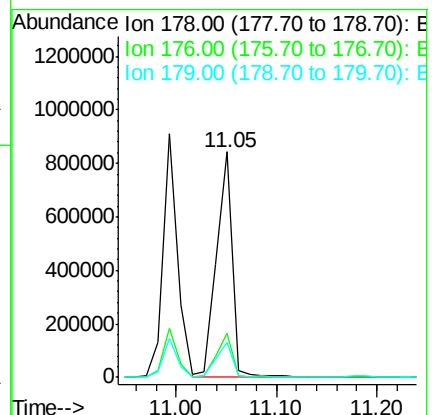
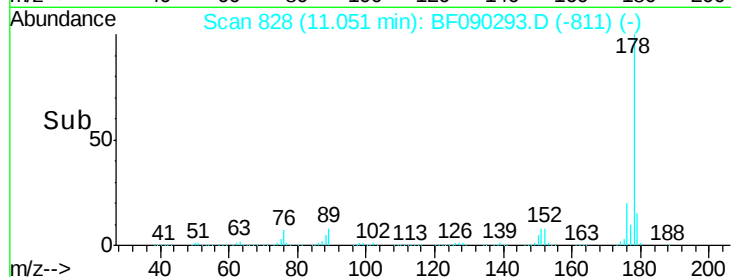
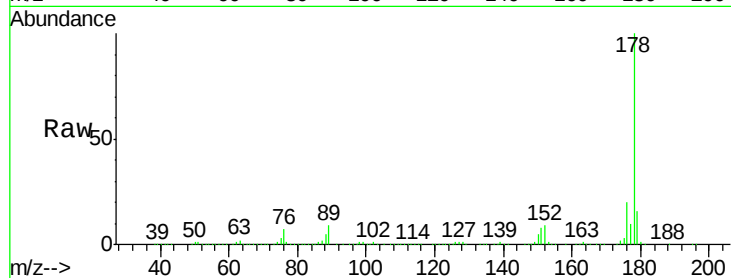
#71
 Anthracene
 Concen: 53.90 ng
 RT: 11.05 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF090293.D
 Acq: 29 Sep 2016 16:15

Instrument :
 BNA_F
 ClientSampleId :
 S-17MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.6
179	15.5	12.6	19.0

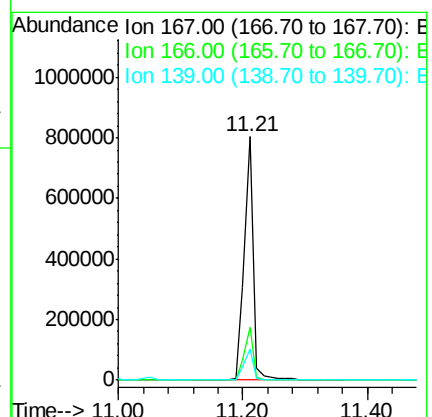
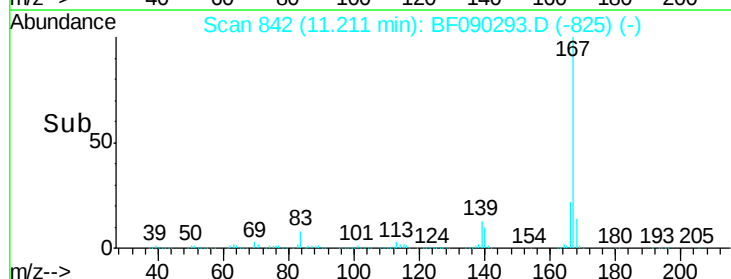
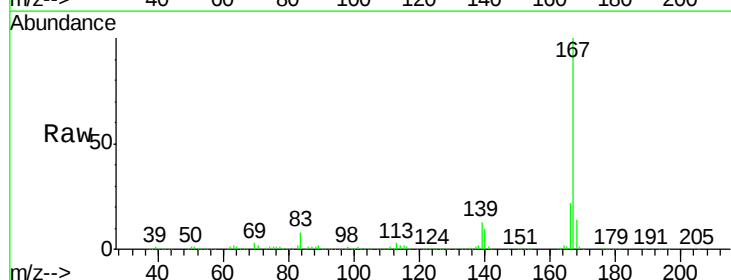
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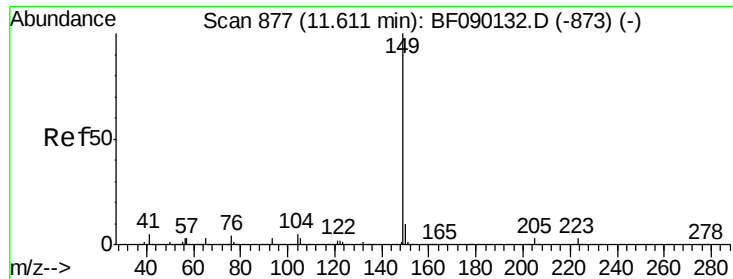
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#72
 Carbazole
 Concen: 45.86 ng
 RT: 11.21 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF090293.D
 Acq: 29 Sep 2016 16:15

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.0	27.0
139	13.0	10.4	15.6





#73

Di-n-butylphthalate

Concen: 47.64 ng

RT: 11.57 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF090293.D

Acq: 29 Sep 2016 16:15

Instrument :

BNA_F

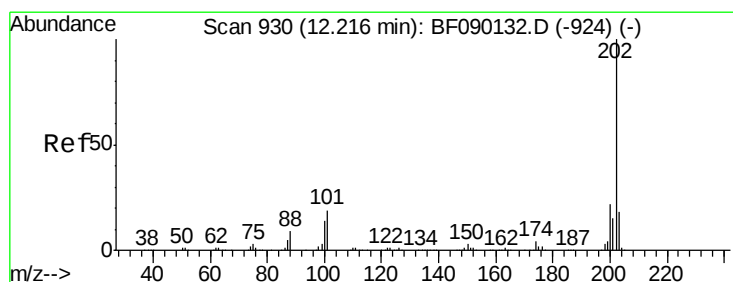
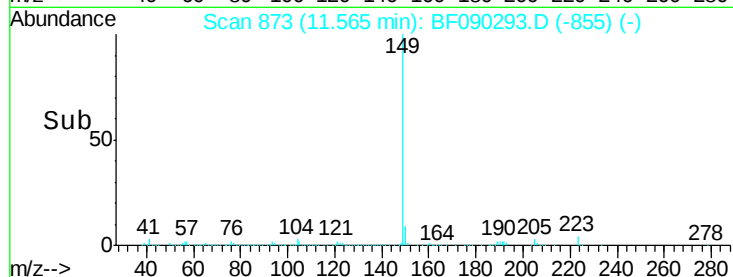
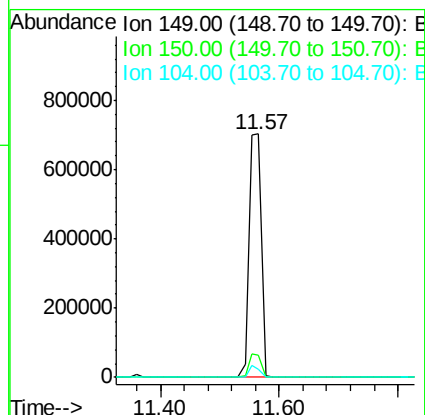
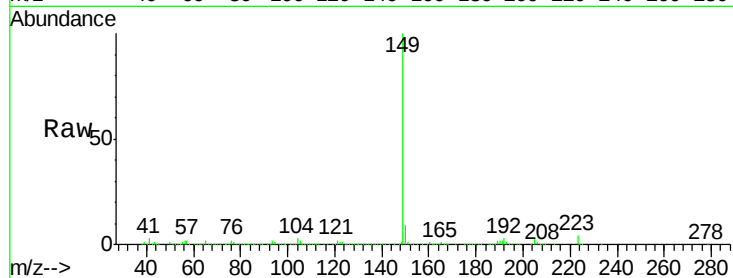
ClientSampleId :

S-17MSD

Tot Ion:	149	Resp:	997477
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.8	11.8
104	3.3	3.9	5.9

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#74

Fluoranthene

Concen: 57.75 ng

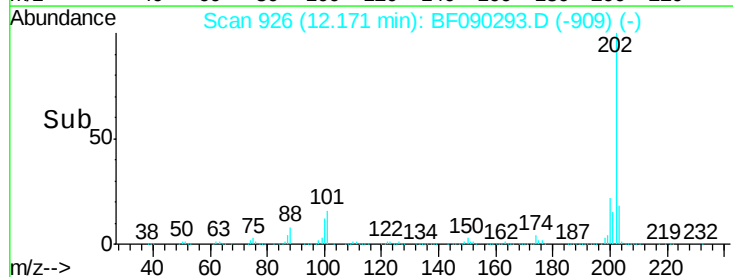
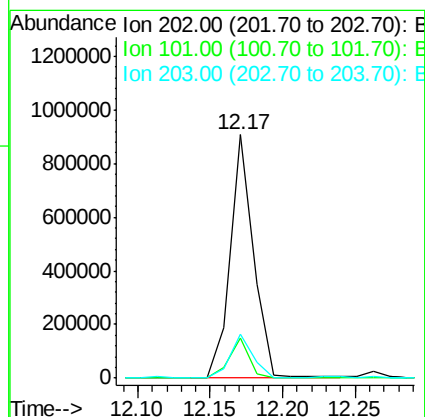
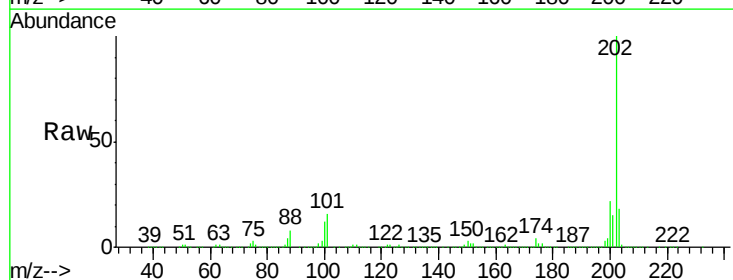
RT: 12.17 min Scan# 926

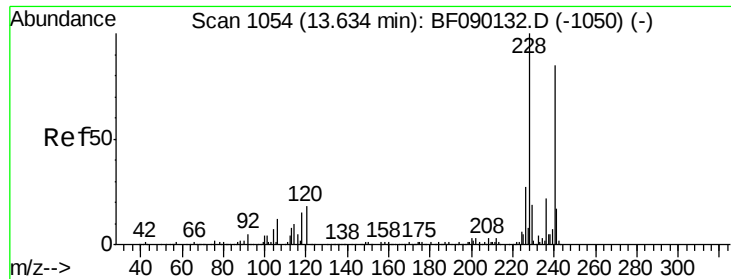
Delta R.T. -0.01 min

Lab File: BF090293.D

Acq: 29 Sep 2016 16:15

Tgt Ion:	202	Resp:	1006704
Ion Ratio	Lower	Upper	
202	100		
101	16.2	0.0	36.1
203	18.3	0.0	38.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.59 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF090293.D

Acq: 29 Sep 2016 16:15

Instrument :

BNA_F

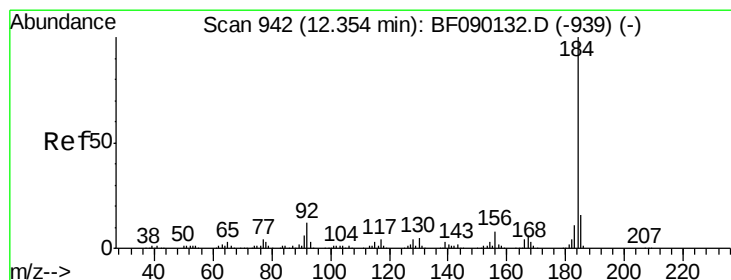
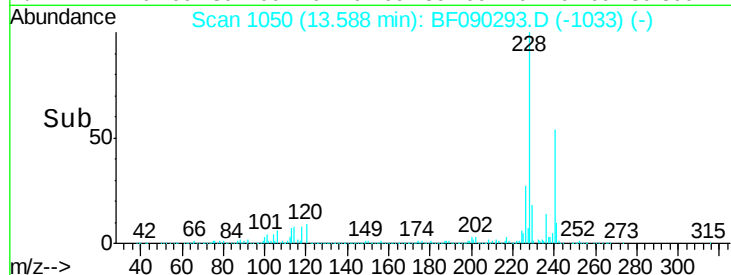
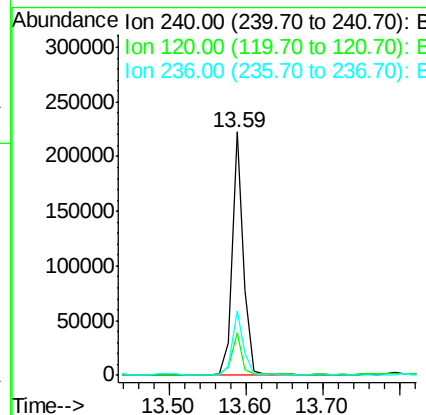
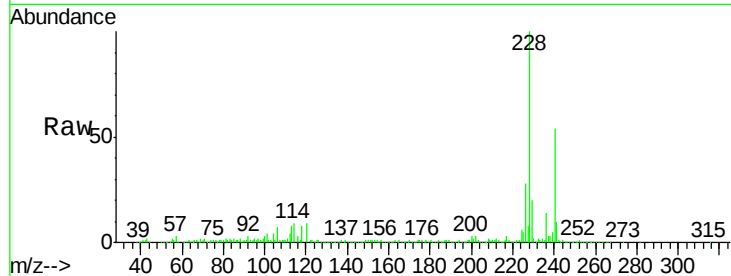
ClientSampleId :

S-17MSD

Tot Ion:	240	Resp:	233237
Ion Ratio	Lower	Upper	
240	100		
120	17.6	10.6	16.0#
236	26.3	21.6	32.4

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#76

Benzidine

Concen: 39.90 ng

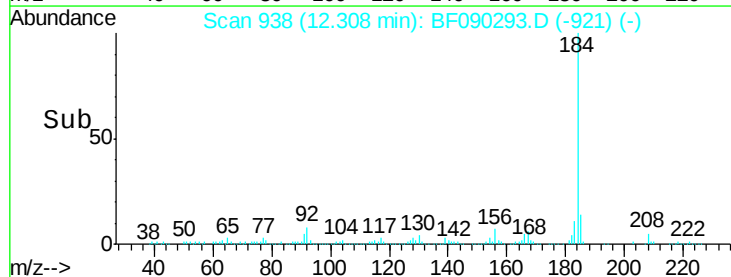
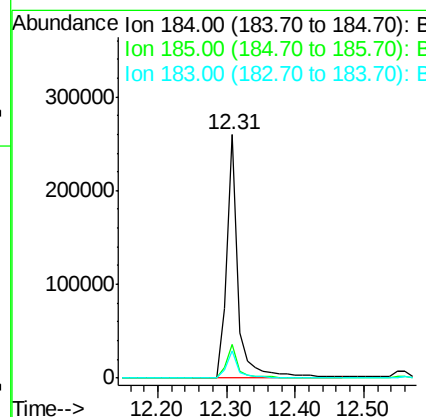
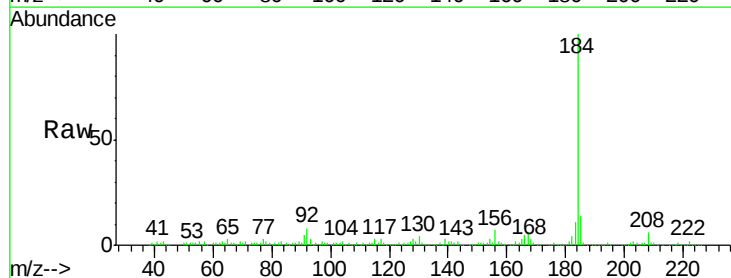
RT: 12.31 min Scan# 938

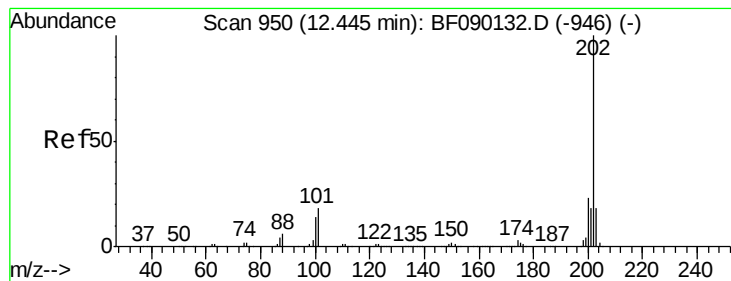
Delta R.T. -0.01 min

Lab File: BF090293.D

Acq: 29 Sep 2016 16:15

Tgt Ion:	184	Resp:	311498
Ion Ratio	Lower	Upper	
184	100		
185	13.8	13.2	19.8
183	11.3	9.2	13.8





#77

Pvrene

Concen: 68.20 ng

RT: 12.40 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF090293.D

Acq: 29 Sep 2016 16:15

Instrument :

BNA_F

ClientSampleId :

S-17MSD

Tot Ion:202 Resp: 1088460

Ion Ratio Lower Upper

202 100

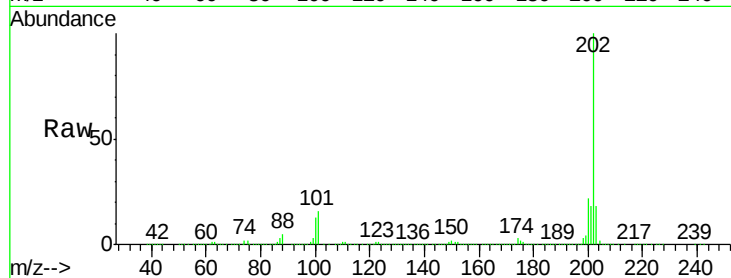
200 22.4 17.9 26.9

203 18.0 14.2 21.4

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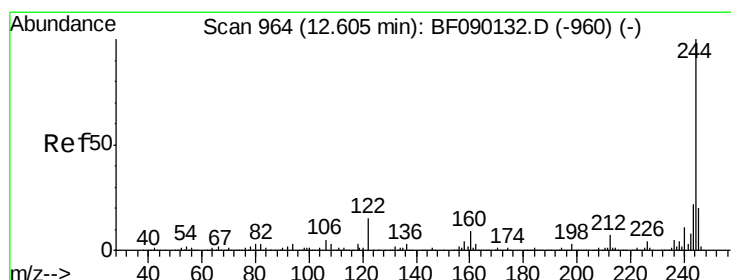
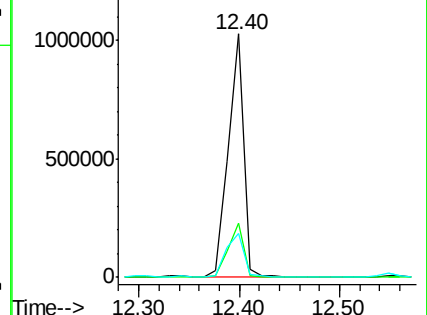
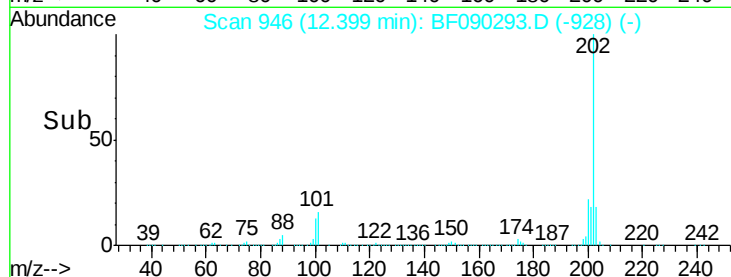
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 87.09 ng

RT: 12.56 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF090293.D

Acq: 29 Sep 2016 16:15

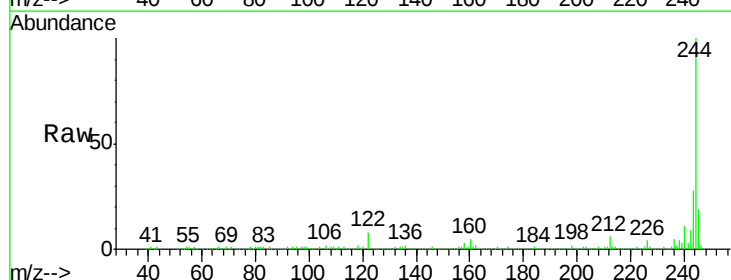
Tgt Ion:244 Resp: 800026

Ion Ratio Lower Upper

244 100

212 6.2 5.8 8.8

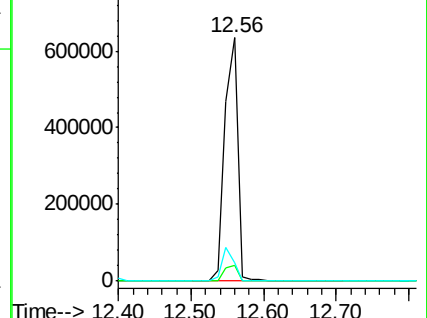
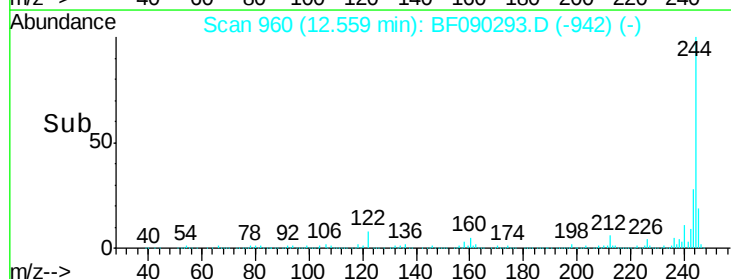
122 7.8 9.4 14.0#

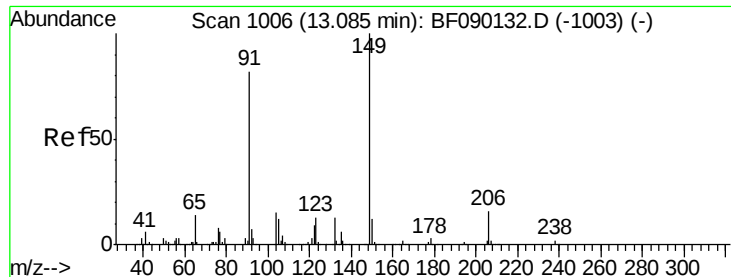


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





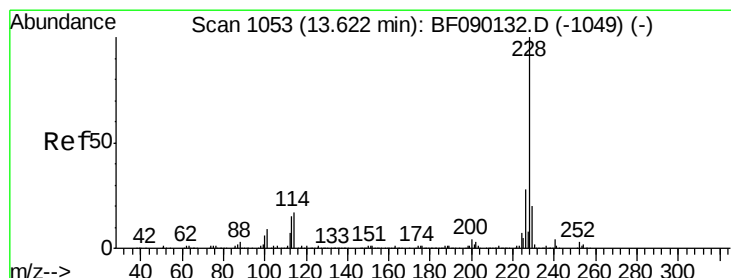
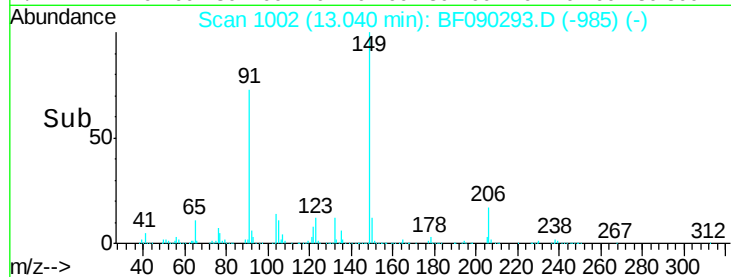
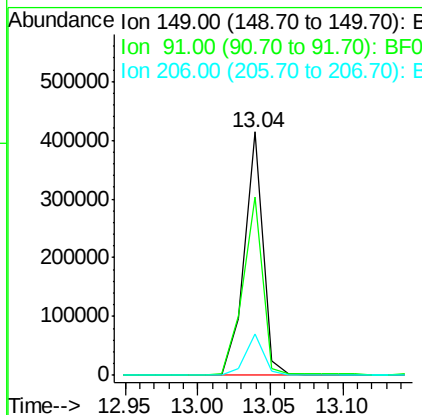
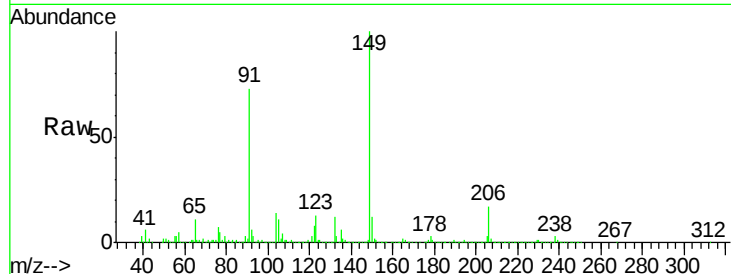
#79
Butylbenzylphthalate
Concen: 47.12 ng
RT: 13.04 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF090293.D
Acq: 29 Sep 2016 16:15

Instrument :
BNA_F
ClientSampled :
S-17MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	73.1	49.8	74.6
206	16.9	16.3	24.5

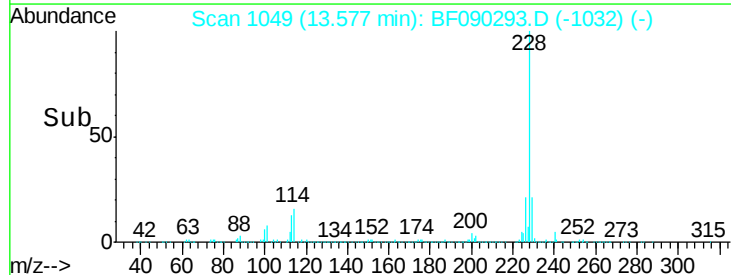
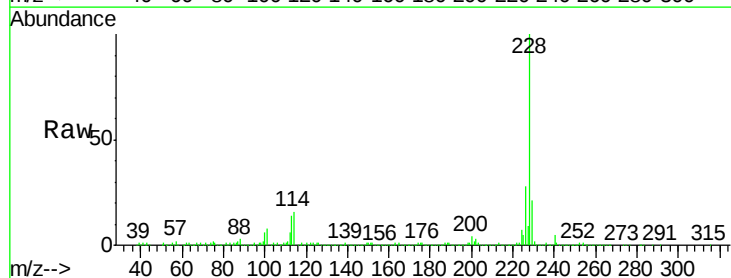
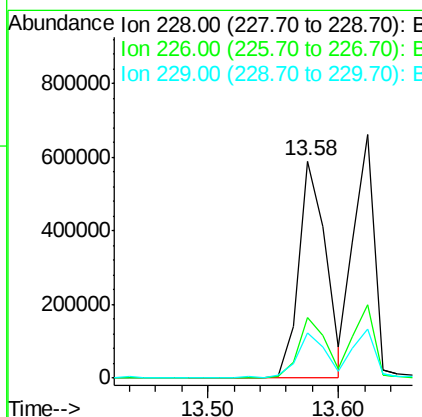
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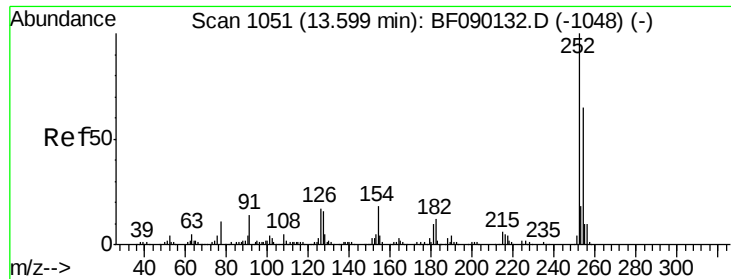
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#80
Benzo(a)anthracene
Concen: 67.29 ng
RT: 13.58 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF090293.D
Acq: 29 Sep 2016 16:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.0	33.0
229	21.0	16.2	24.2





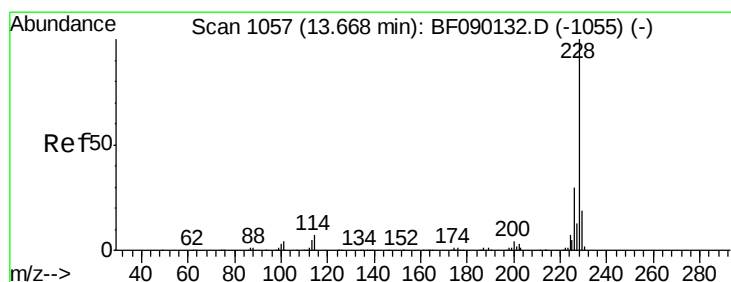
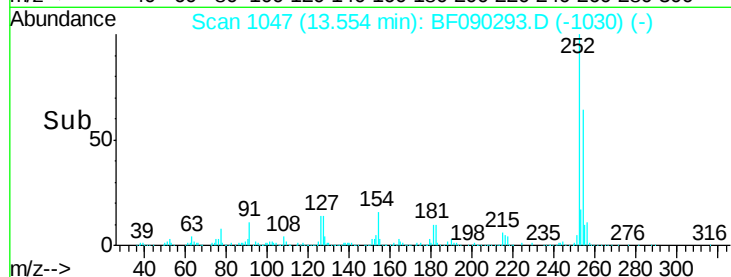
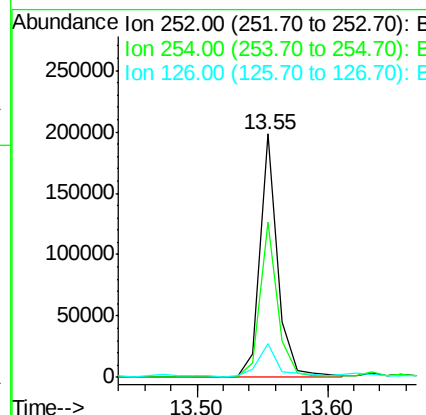
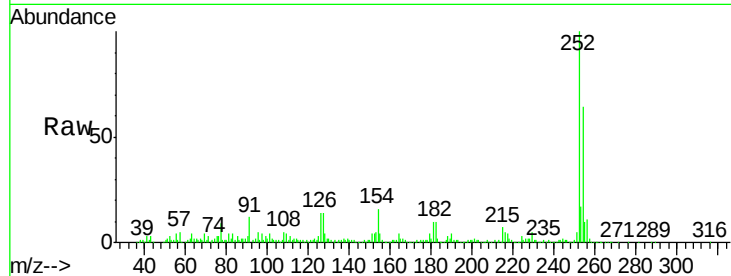
#81
 3,3'-Dichlorobenzidine
 Concen: 36.13 ng
 RT: 13.55 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BF090293.D
 Acq: 29 Sep 2016 16:15

Instrument :
 BNA_F
 ClientSampled :
 S-17MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	186967		
254	63.5	50.7	76.1	
126	14.0	9.2	13.8	

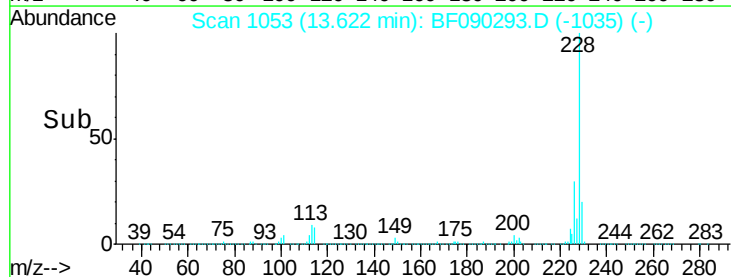
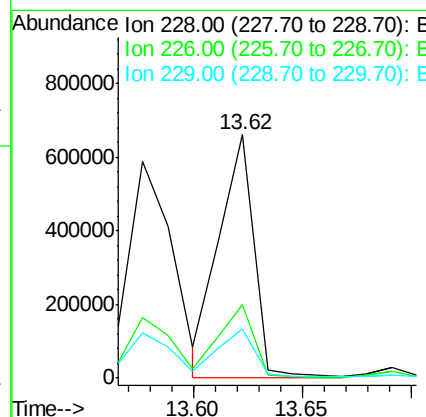
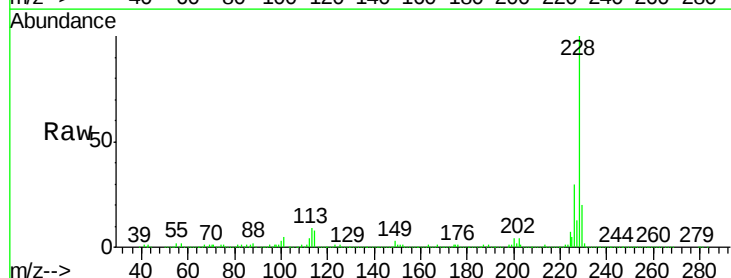
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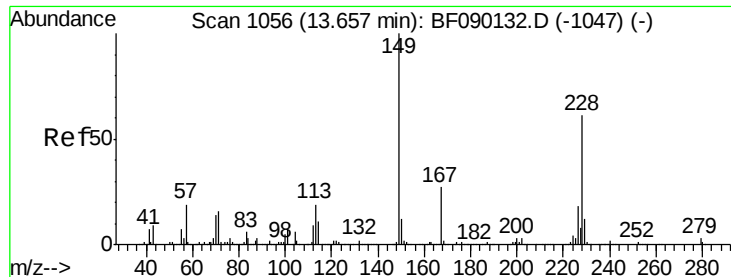
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#82
 Chrysene
 Concen: 59.64 ng
 RT: 13.62 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: BF090293.D
 Acq: 29 Sep 2016 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	728968		
226	30.2	24.6	37.0	
229	20.3	16.2	24.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.51 ng

RT: 13.61 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BF090293.D

Acq: 29 Sep 2016 16:15

Instrument :

BNA_F

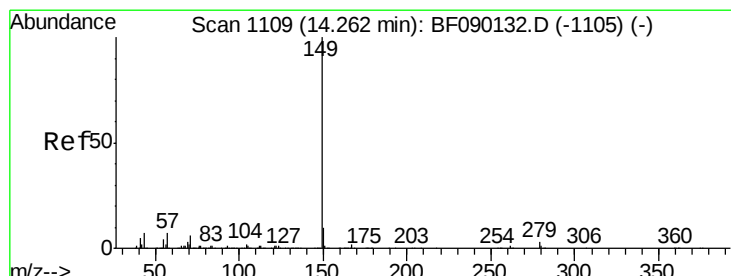
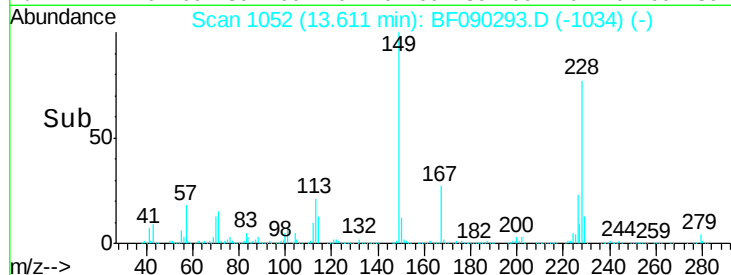
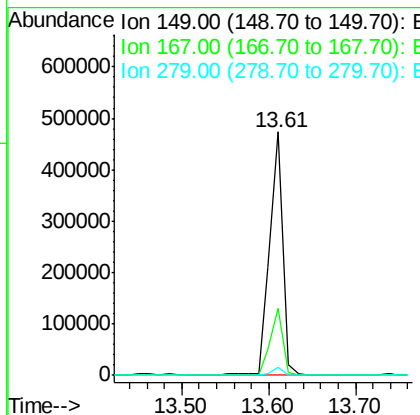
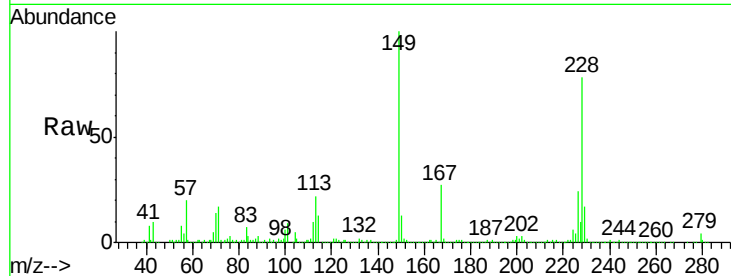
ClientSampleId :

S-17MSD

Tot Ion:	149	Resp:	484597
Ion Ratio	Lower	Upper	
149	100		
167	27.3	21.2	31.8
279	3.5	2.2	3.2#

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#84

Di-n-octyl phthalate

Concen: 50.12 ng

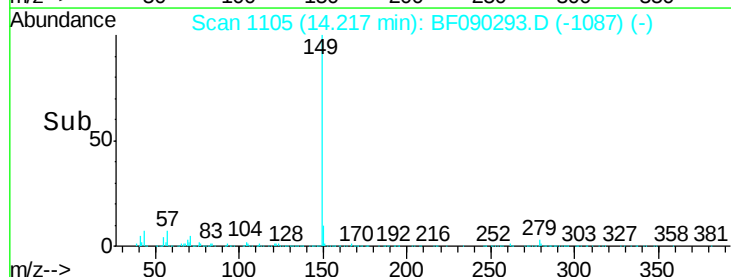
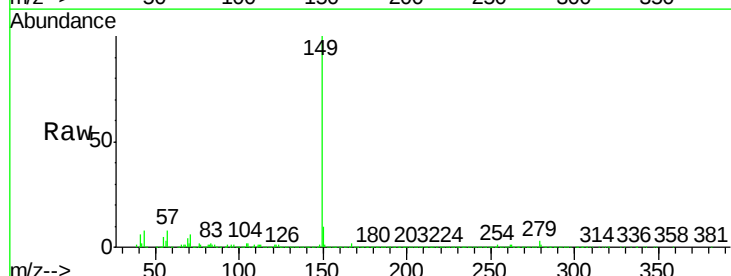
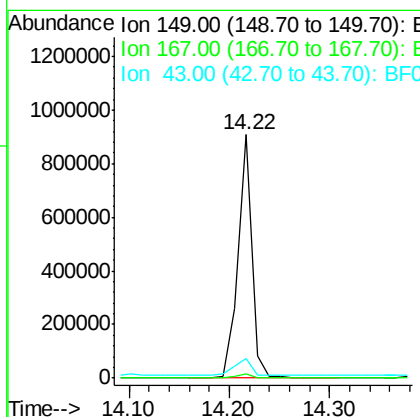
RT: 14.22 min Scan# 1105

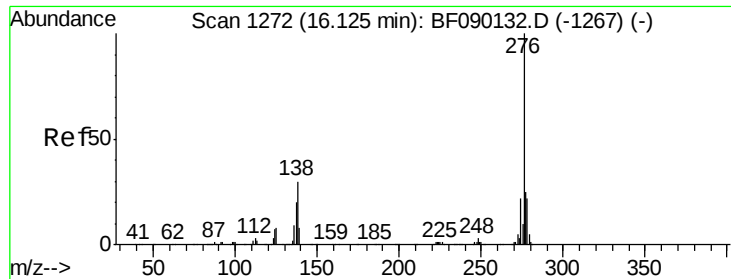
Delta R.T. 0.00 min

Lab File: BF090293.D

Acq: 29 Sep 2016 16:15

Tgt Ion:	149	Resp:	862493
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	8.3	6.8	10.2





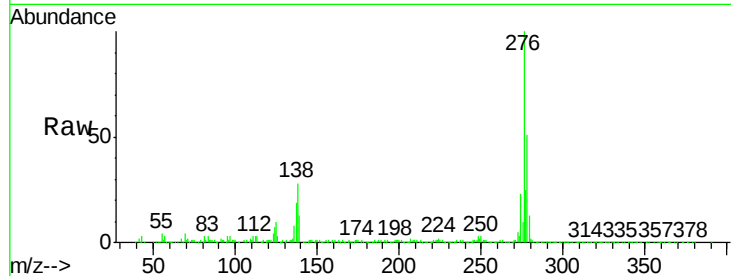
#85
Indeno(1,2,3-cd)pyrene
Concen: 53.56 ng
RT: 16.07 min Scan# 1267
Delta R.T. 0.01 min
Lab File: BF090293.D
Acq: 29 Sep 2016 16:15

Instrument :
BNA_F
ClientSampleId :
S-17MSD

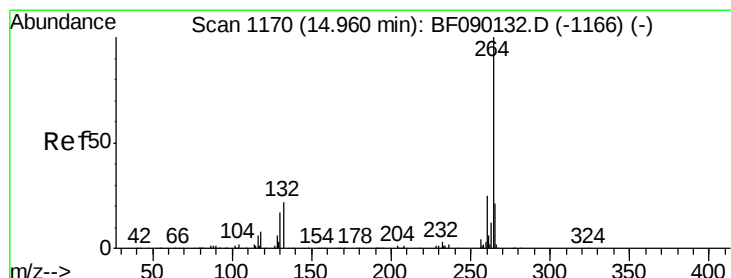
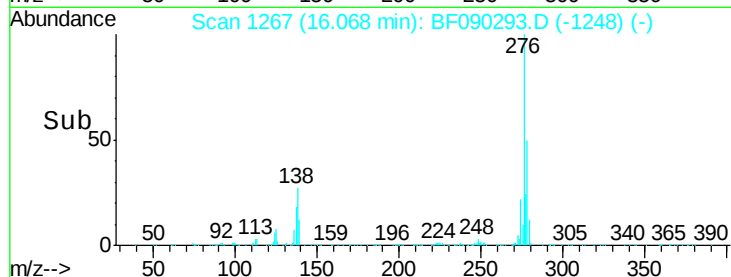
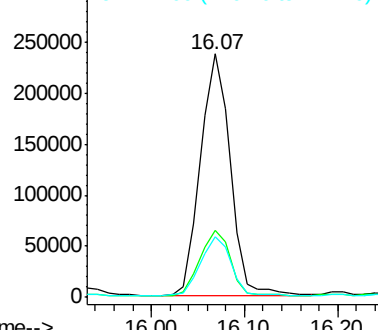
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.8	25.9	38.9
277	25.3	19.9	29.9

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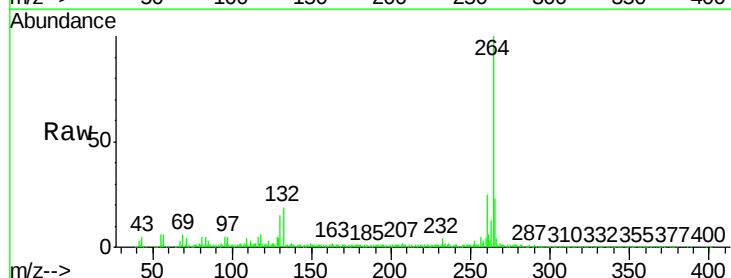


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

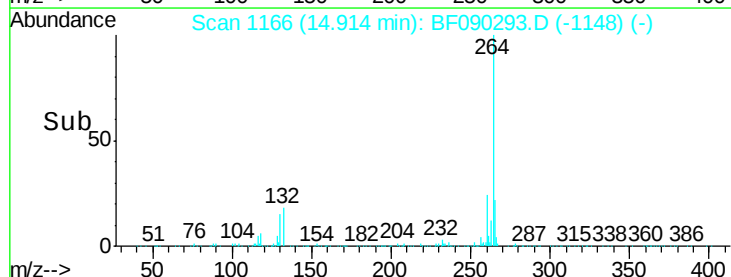
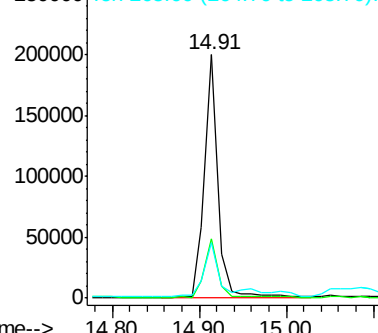


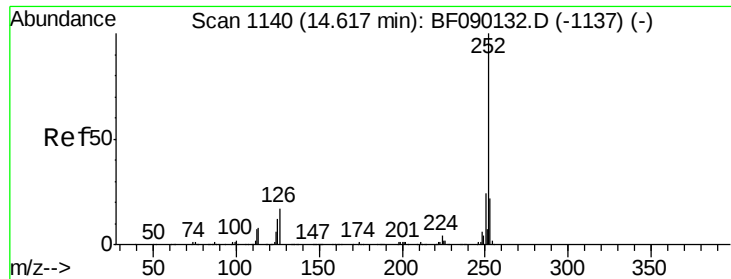
#86
Perylene-d12
Concen: 20.00 ng
RT: 14.91 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF090293.D
Acq: 29 Sep 2016 16:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	22.5	17.0	25.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 82.31 ng m

RT: 14.58 min Scan# 1137

Delta R.T. 0.01 min

Lab File: BF090293.D

Acq: 29 Sep 2016 16:15

Instrument :

BNA_F

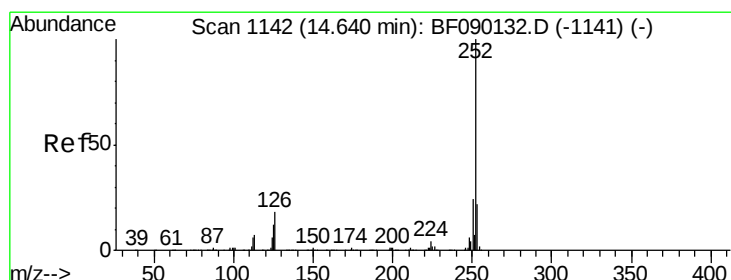
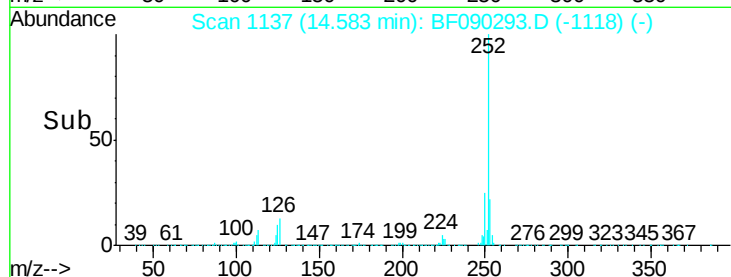
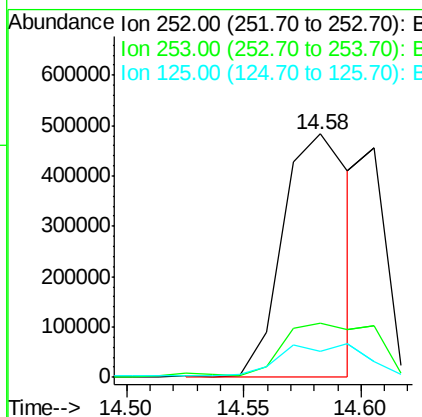
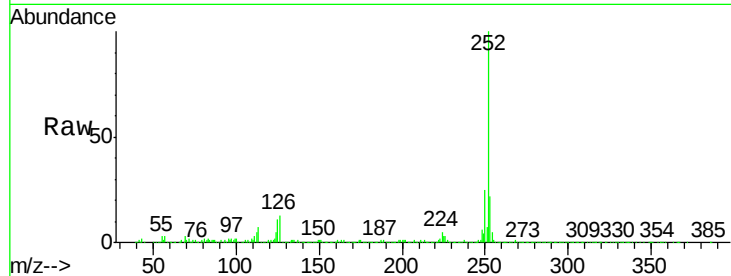
ClientSampleId :

S-17MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	10.6	12.7	19.1#

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#88

Benzo(k)fluoranthene

Concen: 31.01 ng m

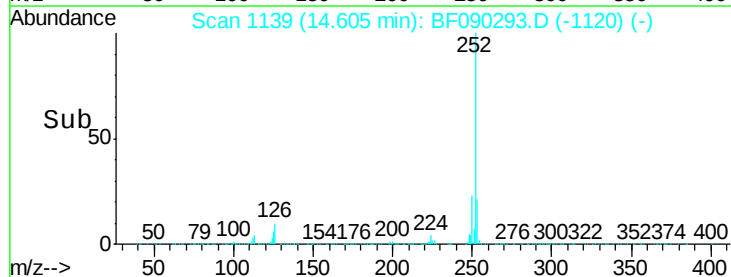
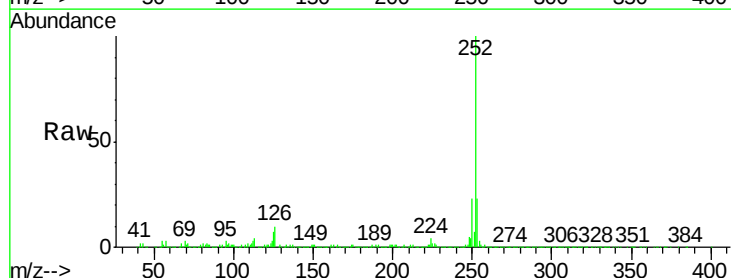
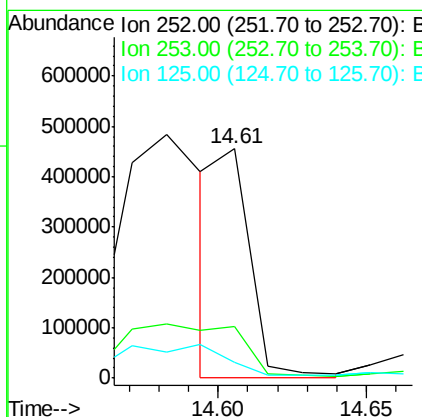
RT: 14.61 min Scan# 1139

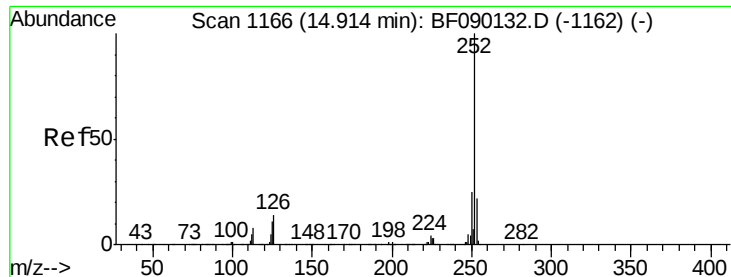
Delta R.T. 0.01 min

Lab File: BF090293.D

Acq: 29 Sep 2016 16:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	6.9	7.8	11.6#





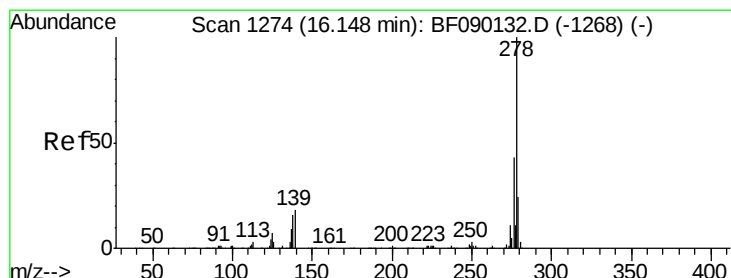
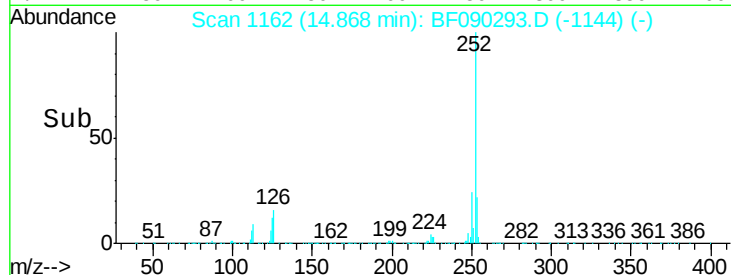
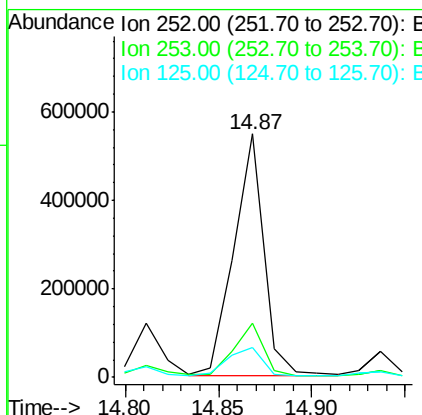
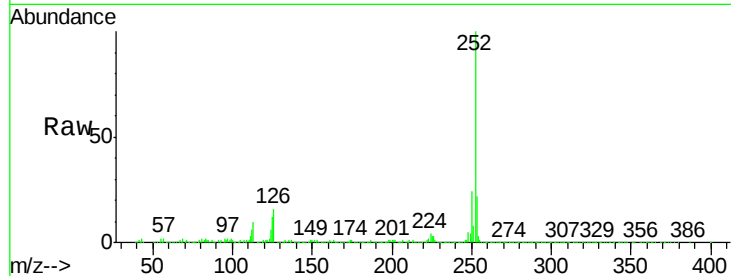
#89
Benzo(a)pyrene
Concen: 56.27 ng
RT: 14.87 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BF090293.D
Acq: 29 Sep 2016 16:15

Instrument :
BNA_F
ClientSampleId :
S-17MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.5	17.4	26.0
125	12.1	7.7	11.5

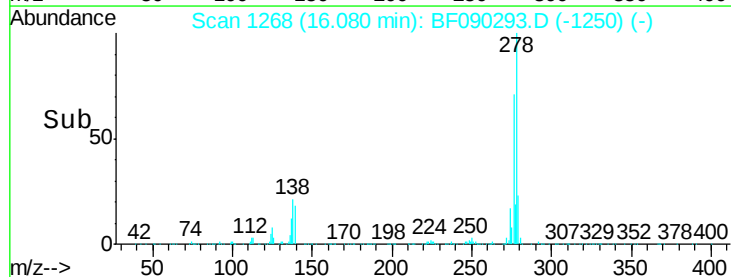
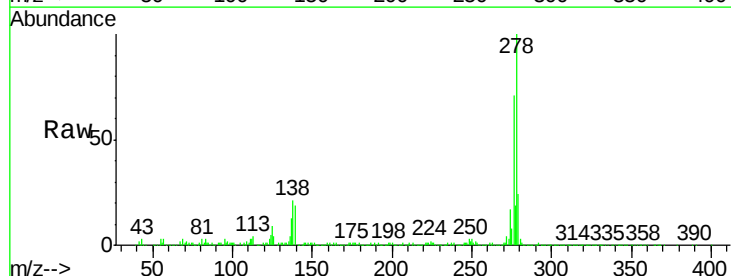
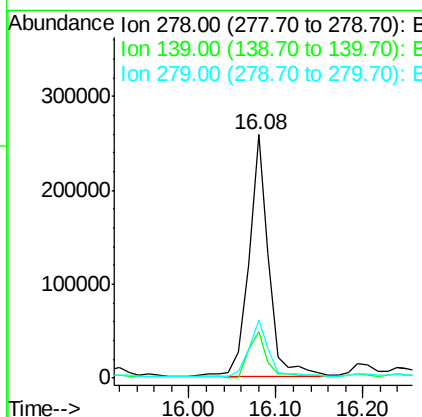
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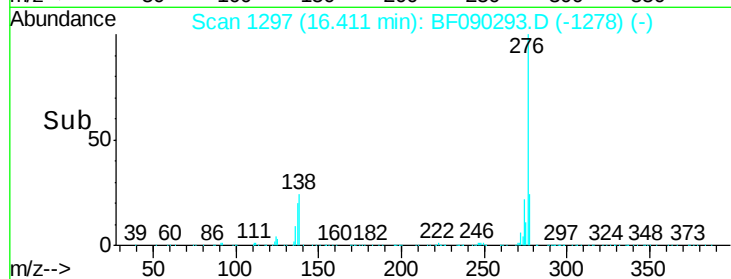
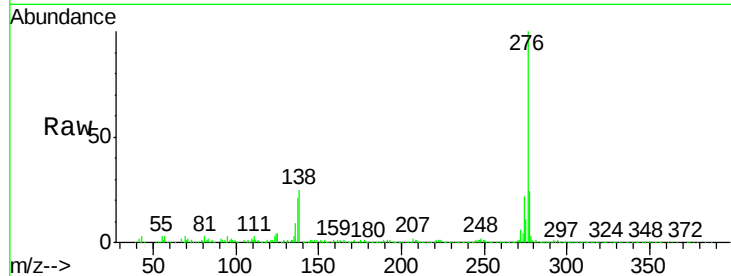
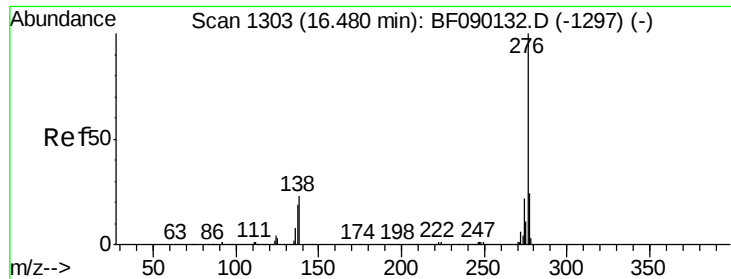
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#90
Dibenzo(a,h)anthracene
Concen: 46.89 ng
RT: 16.08 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BF090293.D
Acq: 29 Sep 2016 16:15

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	19.0	14.6	21.8
279	23.9	18.8	28.2





#91
 Benzo(a,h,i)perylene
 Concen: 52.95 ng
 RT: 16.41 min Scan# 1297
 Delta R.T. 0.01 min
 Lab File: BF090293.D
 Acq: 29 Sep 2016 16:15

Instrument :
 BNA_F
 ClientSampleId :
 S-17MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.9	28.3
138	24.9	23.3	34.9

Manual Integrations
 APPROVED

sohil
 9/30/2016 4:00:50 PM

