

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050917\
 Data File : BF095043.D
 Acq On : 10 May 2017 2:32
 Operator : SJ/MA
 Sample : I3027-14MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-8-9-COMPMS

Manual Integrations
 APPROVED

mohammad
 5/10/2017 11:47:32 AM

Quant Time: May 10 05:32:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	97347	20.00	ng	-0.02
21) Naphthalene-d8	9.74	136	402994	20.00	ng	-0.02
38) Acenaphthene-d10	12.56	164	162787	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	290576	20.00	ng	-0.02
75) Chrysene-d12	18.64	240	175140	20.00	ng	-0.02
86) Perylene-d12	20.30	264	183809	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	804733	137.82	ng	0.00
7) Phenol-d6	7.27	99	1000328	142.79	ng	0.00
23) Nitrobenzene-d5	8.62	82	617327	96.60	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	195368	146.54	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	1119951	99.02	ng	-0.02
78) Terphenyl-d14	17.29	244	770448	96.89	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.11	88	104288	36.42	ng	96
3) Pyridine	2.80	79	255372	38.48	ng	98
4) n-Nitrosodimethylamine	2.71	42	124052	44.84	ng	87
6) Aniline	7.22	93	243141	27.49	ng	97
8) 2-Chlorophenol	7.41	128	313592	47.19	ng	96
9) Benzaldehyde	7.04	77	34418	8.05	ng	96
10) Phenol	7.29	94	345612	46.81	ng	89
11) bis(2-Chloroethyl)ether	7.35	93	274172	44.99	ng	97
12) 1,3-Dichlorobenzene	7.62	146	332603	44.12	ng	99
13) 1,4-Dichlorobenzene	7.74	146	337916	44.20	ng	96
14) 1,2-Dichlorobenzene	7.98	146	320591	44.92	ng	96
15) Benzyl Alcohol	8.00	79	251453	55.80	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.21	45	368135	42.68	ng	82
17) 2-Methylphenol	8.22	107	253122	46.54	ng	97
18) Hexachloroethane	8.50	117	107068	41.34	ng	89
19) n-Nitroso-di-n-propylamine	8.43	70	216768	45.75	ng	94
20) 3+4-Methylphenols	8.48	107	331125	44.80	ng	# 61
22) Acetophenone	8.39	105	436584	45.15	ng	# 84
24) Nitrobenzene	8.65	77	302172	45.11	ng	91
25) Isophorone	9.05	82	546993	47.93	ng	94
26) 2-Nitrophenol	9.15	139	174183	48.19	ng	98
27) 2,4-Dimethylphenol	9.30	122	275852	47.20	ng	98
28) bis(2-Chloroethoxy)methane	9.41	93	353695	44.80	ng	99
29) 2,4-Dichlorophenol	9.57	162	267591	48.49	ng	98
30) 1,2,4-Trichlorobenzene	9.66	180	261280	44.20	ng	99
31) Naphthalene	9.77	128	842948	41.62	ng	100
32) Benzoic acid	9.57	122	57504	18.48	ng	95
33) 4-Chloroaniline	9.94	127	47106	6.24	ng	# 93
34) Hexachlorobutadiene	9.98	225	132309	42.42	ng	98
35) Caprolactam	10.54	113	77618m	46.84	ng	
36) 4-Chloro-3-methylphenol	10.77	107	265927	45.08	ng	# 87
37) 2-Methylnaphthalene	10.89	142	608871	45.80	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.17	216	240134	47.97	ng	99
40) Hexachlorocyclopentadiene	11.15	237	89159	45.21	ng	99

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 TP-7-8-9-COMPMS

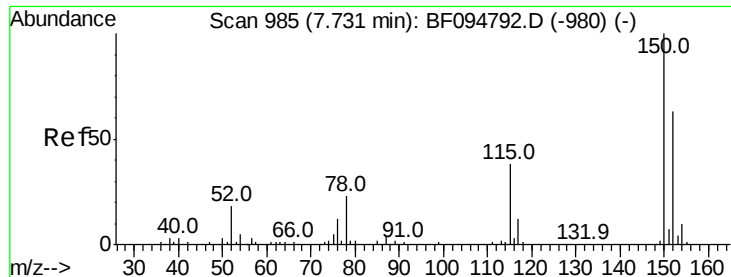
Manual Integrations
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Quant Time: May 10 05:32:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.39	196	171919	51.44	nq	98
43) 2,4,5-Trichlorophenol	11.48	196	161225	44.88	nq	95
45) 1,1'-Biphenyl	11.66	154	675078	49.25	nq	97
46) 2-Chloronaphthalene	11.68	162	529466	47.84	nq	96
47) 2-Nitroaniline	11.89	65	150181	49.58	nq	# 86
48) Acenaphthylene	12.33	152	848005	48.92	nq	99
49) Dimethylphthalate	12.21	163	701503	52.49	nq	100
50) 2,6-Dinitrotoluene	12.30	165	136298	49.99	nq	95
51) Acenaphthene	12.62	154	463957	44.81	nq	98
52) 3-Nitroaniline	12.57	138	68806	23.51	nq	89
53) 2,4-Dinitrophenol	12.78	184	35733	28.18	nq	# 66
54) Dibenzofuran	12.90	168	757052	52.84	nq	99
55) 4-Nitrophenol	12.96	139	159142	90.55	nq	# 71
56) 2,4-Dinitrotoluene	12.97	165	179871	51.34	nq	# 88
57) Fluorene	13.46	166	595099	47.77	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.15	232	120909	53.48	nq	96
59) Diethylphthalate	13.36	149	581292	45.38	nq	99
60) 4-Chlorophenyl-phenylether	13.48	204	260580	47.59	nq	90
61) 4-Nitroaniline	13.57	138	103329	38.46	nq	97
62) Azobenzene	13.74	77	549669	53.40	nq	93
64) 4,6-Dinitro-2-methylphenol	13.63	198	37084	19.04	nq	# 72
65) n-Nitrosodiphenylamine	13.69	169	503327	47.73	nq	98
66) 4-Bromophenyl-phenylether	14.27	248	147490	48.04	nq	96
67) Hexachlorobenzene	14.35	284	137076	43.57	nq	# 87
68) Atrazine	14.61	200	128843	43.27	nq	95
69) Pentachlorophenol	14.71	266	99520	70.70	nq	96
70) Phenanthrene	15.01	178	763666	45.74	nq	98
71) Anthracene	15.09	178	788471	46.23	nq	97
72) Carbazole	15.37	167	705791	45.49	nq	96
73) Di-n-butylphthalate	15.94	149	908629	46.96	nq	98
74) Fluoranthene	16.74	202	687296	40.13	nq	99
76) Benzidine	16.97	184	264387	54.74	nq	# 93
77) Pyrene	17.05	202	683745	52.20	nq	99
79) Butylbenzylphthalate	17.95	149	324600	53.28	nq	# 86
80) Benzo(a)anthracene	18.62	228	466624	45.78	nq	99
81) 3,3'-Dichlorobenzidine	18.61	252	137924	39.18	nq	# 96
82) Chrysene	18.67	228	443362	44.98	nq	98
83) Bis(2-ethylhexyl)phthalate	18.69	149	401956	46.30	nq	# 98
84) Di-n-octyl phthalate	19.46	149	722727	50.78	nq	95
85) Indeno(1,2,3-cd)pyrene	21.59	276	455530	56.91	nq	99
87) Benzo(b)fluoranthene	19.89	252	492722	43.38	nq	98
88) Benzo(k)fluoranthene	19.92	252	505606	46.15	nq	96
89) Benzo(a)pyrene	20.24	252	477767	45.59	nq	97
90) Dibenzo(a,h)anthracene	21.60	278	384876	44.47	nq	97
91) Benzo(g,h,i)perylene	21.96	276	364247	42.88	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.71 min Scan# 982

Delta R.T. -0.02 min

Lab File: BF095043.D

Acq: 10 May 2017 2:32

Instrument :

BNA_F

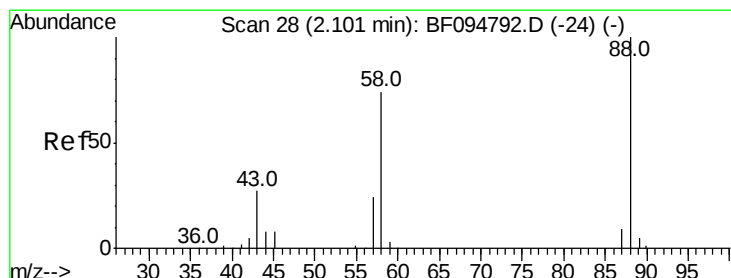
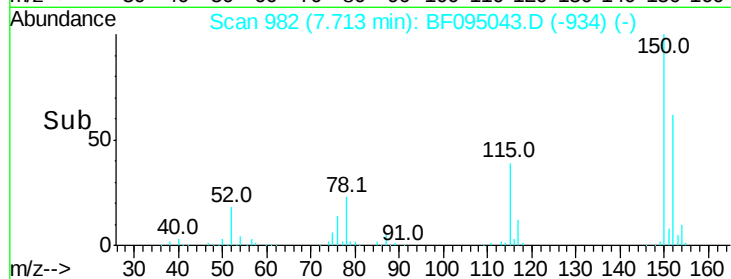
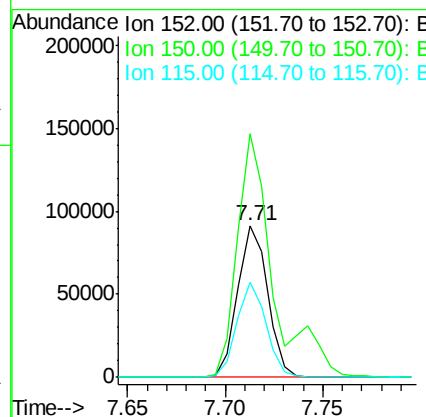
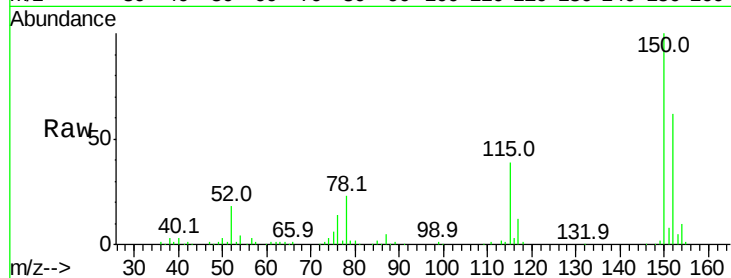
ClientSampleId :

TP-7-8-9-COMPMS

Tot Ion:	152	Resp:	97347
Ion Ratio	Lower	Upper	
152	100		
150	160.3	126.2	189.2
115	62.5	52.2	78.2

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#2

1,4-Dioxane

Concen: 36.42 ng

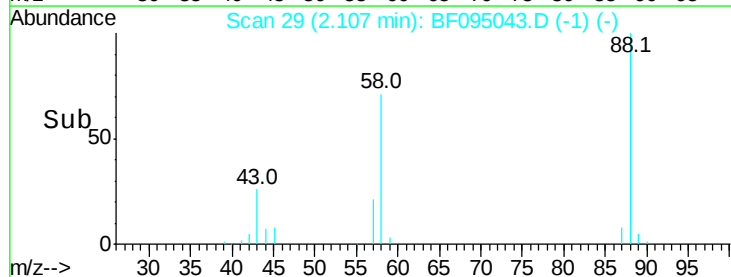
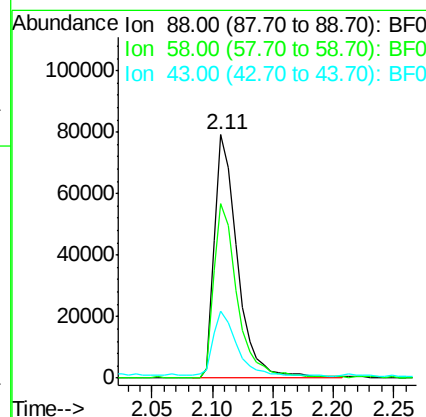
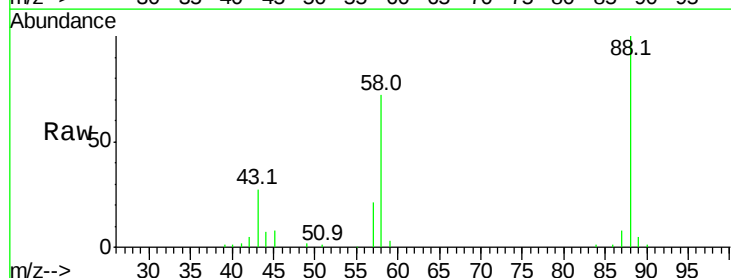
RT: 2.11 min Scan# 29

Delta R.T. 0.01 min

Lab File: BF095043.D

Acq: 10 May 2017 2:32

Tgt Ion:	88	Resp:	104288
Ion Ratio	Lower	Upper	
88	100		
58	73.3	61.4	92.0
43	27.4	23.4	35.0





#3

Pvridine

Concen: 38.48 ng

RT: 2.80 min Scan# 147

Delta R.T. 0.04 min

Lab File: BF095043.D

Acq: 10 May 2017 2:32

Instrument :

BNA_F

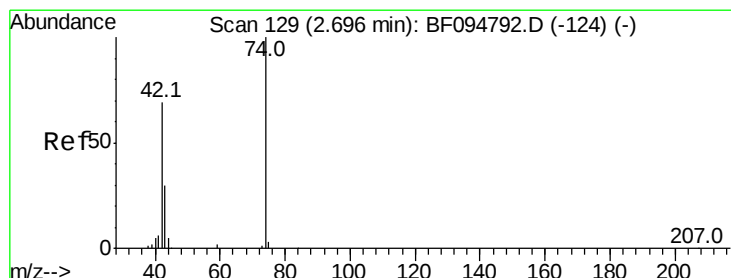
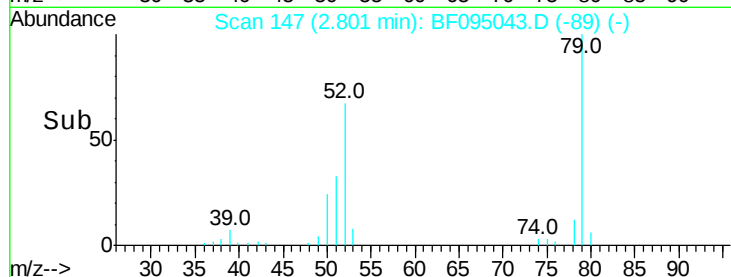
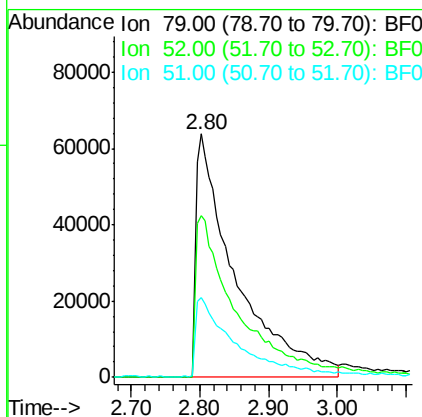
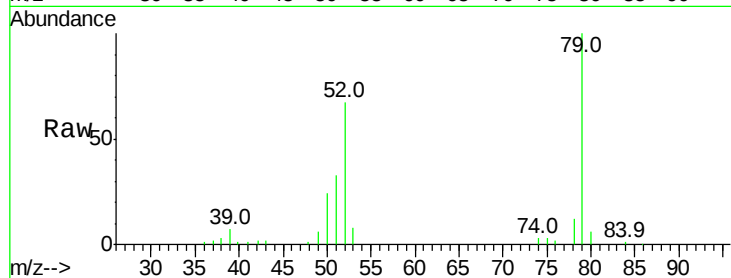
ClientSampleId :

TP-7-8-9-COMPMS

Tot Ion:	79	Resp:	255372
Ion Ratio	Lower	Upper	
79	100		
52	66.6	54.8	82.2
51	32.9	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 44.84 ng

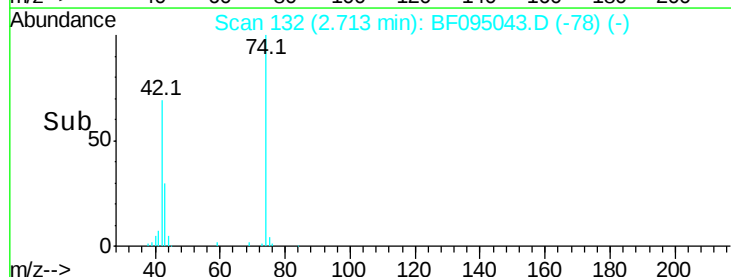
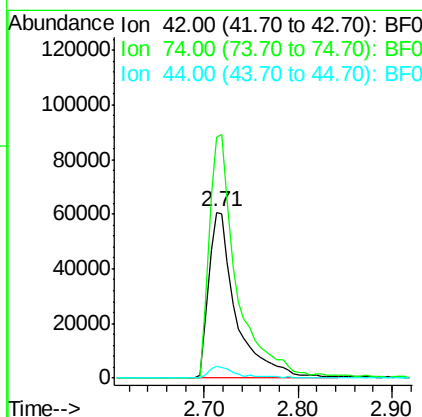
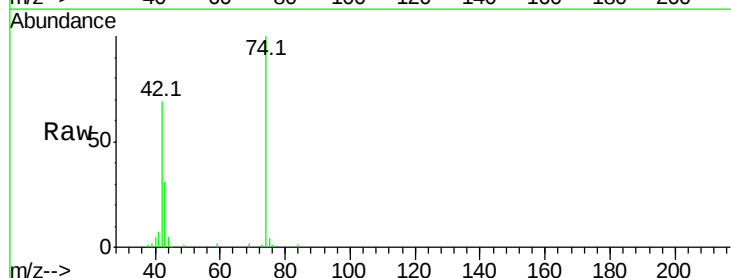
RT: 2.71 min Scan# 132

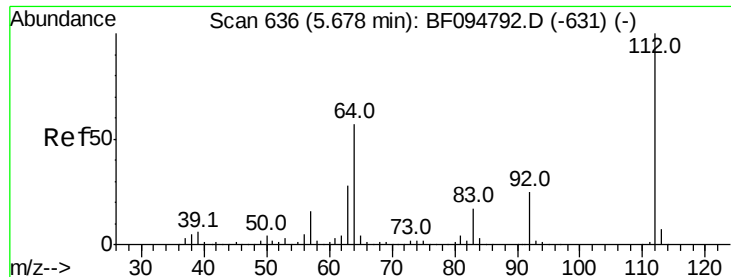
Delta R.T. 0.02 min

Lab File: BF095043.D

Acq: 10 May 2017 2:32

Tgt Ion:	42	Resp:	124052
Ion Ratio	Lower	Upper	
42	100		
74	145.6	103.9	155.9
44	7.3	5.7	8.5





#5

2-Fluorophenol

Concen: 137.82 ng

RT: 5.67 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF095043.D

Acq: 10 May 2017 2:32

Instrument :

BNA_F

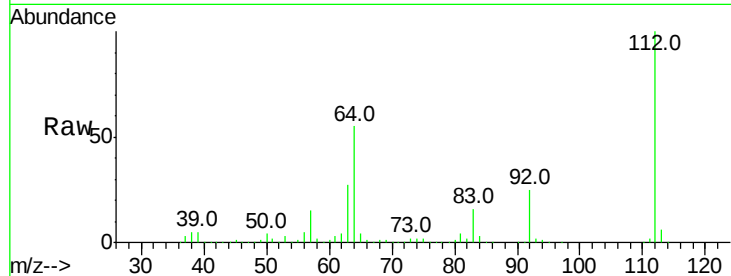
ClientSampleId :

TP-7-8-9-COMPMS

Tot Ion:	112	Resp:	804733
Ion Ratio	Lower	Upper	
112	100		
64	55.1	46.0	69.0
63	27.3	23.4	35.0

Manual Integrations
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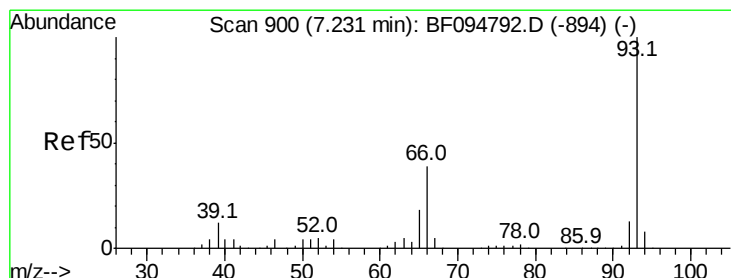
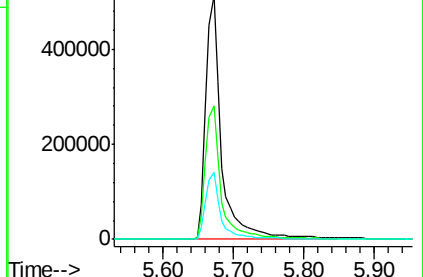
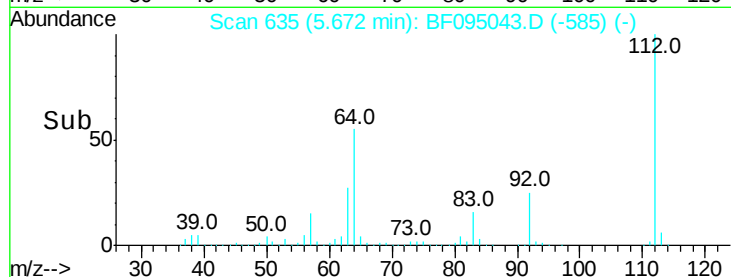
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 27.49 ng

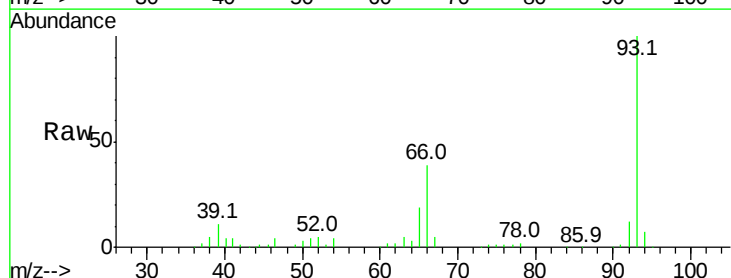
RT: 7.22 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF095043.D

Acq: 10 May 2017 2:32

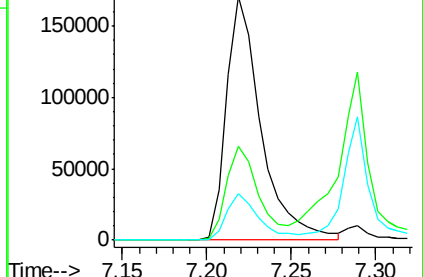
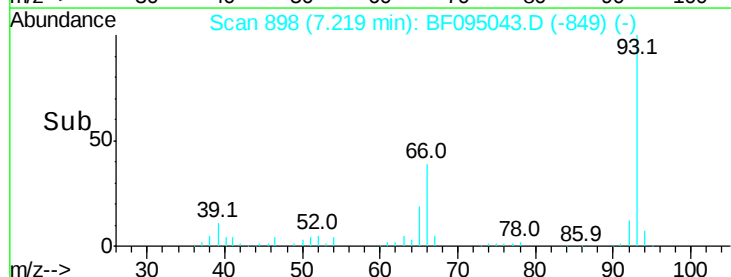
Tgt Ion:	93	Resp:	243141
Ion Ratio	Lower	Upper	
93	100		
66	38.6	32.9	49.3
65	19.3	16.0	24.0

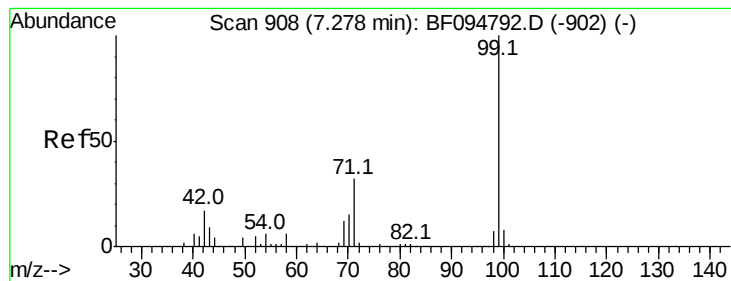


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 142.79 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF095043.D

Acq: 10 May 2017 2:32

Instrument :

BNA_F

ClientSampleId :

TP-7-8-9-COMPMS

Tot Ion: 99 Resp: 1000328

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

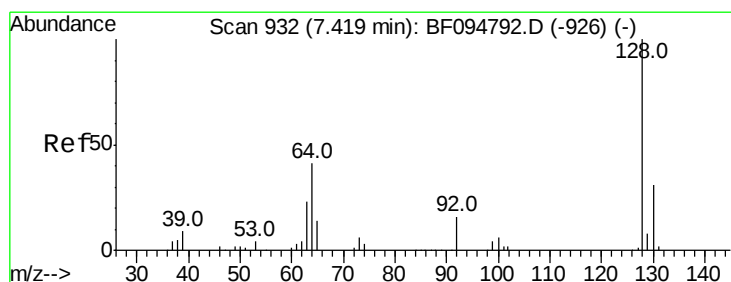
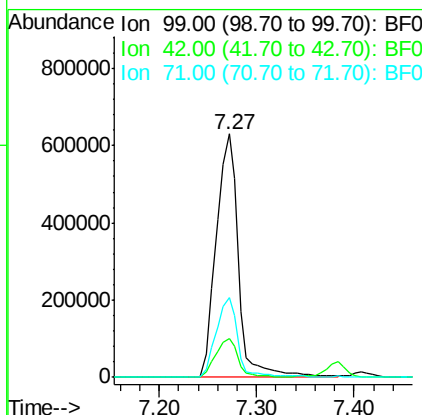
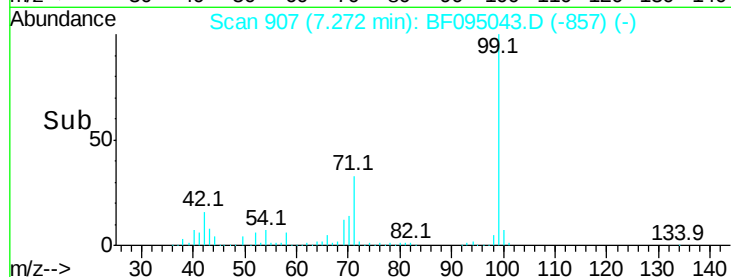
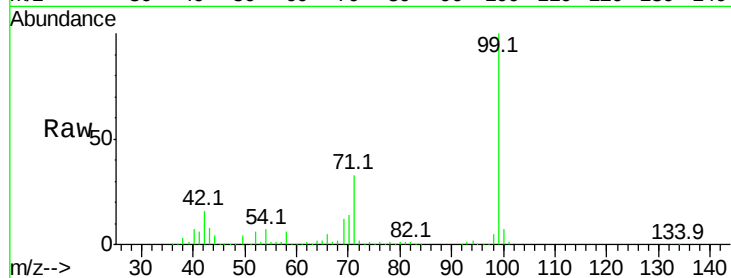
71 32.5 24.5 36.7

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#8

2-Chlorophenol

Concen: 47.19 ng

RT: 7.41 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF095043.D

Acq: 10 May 2017 2:32

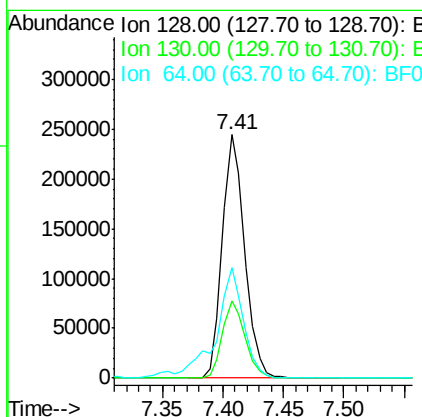
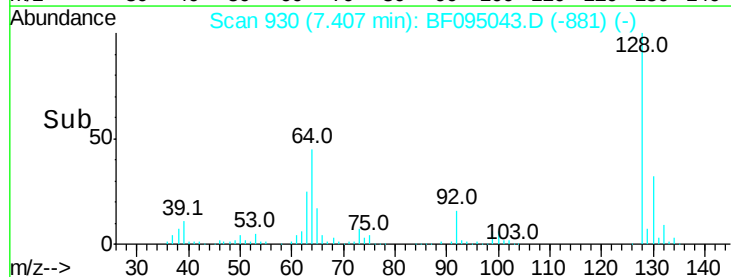
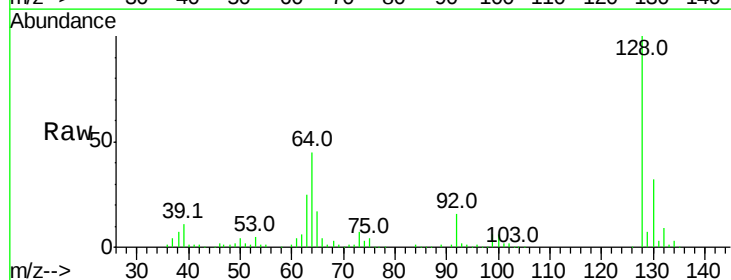
Tgt Ion: 128 Resp: 313592

Ion Ratio Lower Upper

128 100

130 31.8 12.9 52.9

64 45.3 28.4 68.4





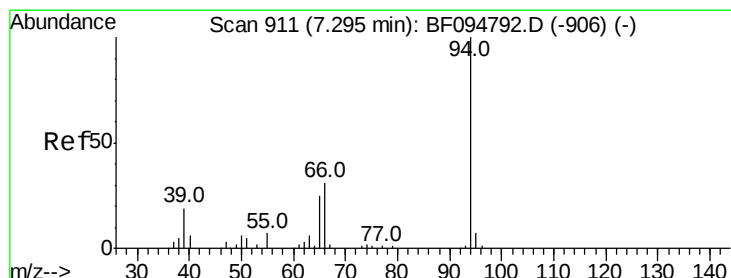
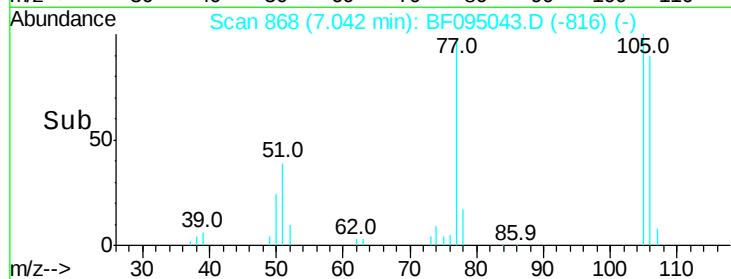
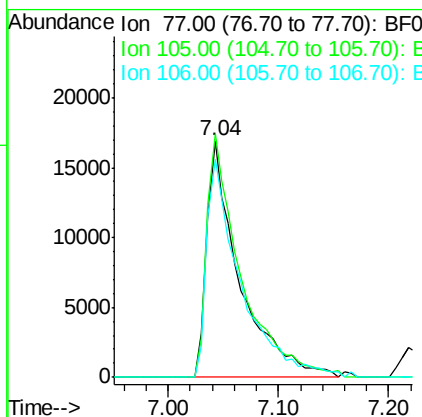
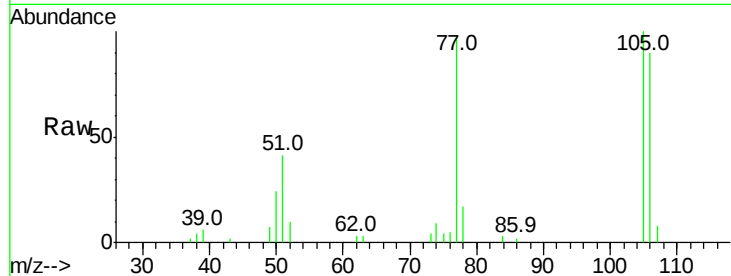
#9
Benzaldehyde
Concen: 8.05 ng
RT: 7.04 min Scan# 868
Delta R.T. 0.01 min
Lab File: BF095043.D
Acq: 10 May 2017 2:32

Instrument :
BNA_F
ClientSampleId :
TP-7-8-9-COMPMS

Tot Ion	Ratio	Lower	Upper
77	100		
105	103.2	83.8	123.8
106	92.6	79.1	119.1

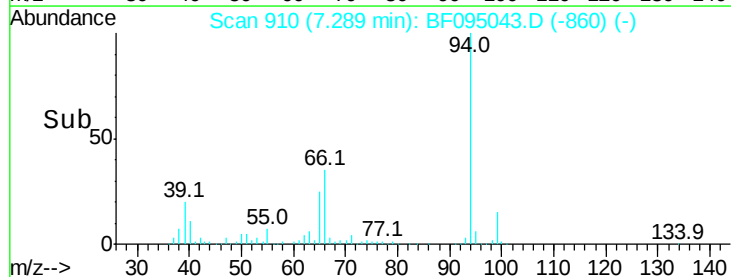
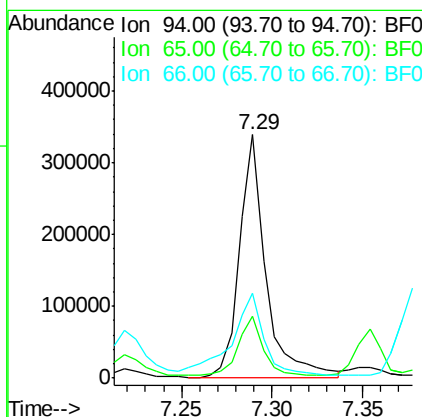
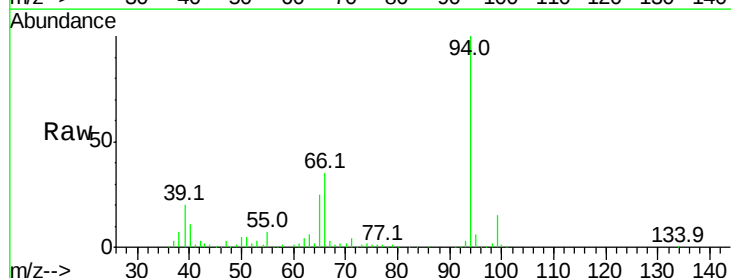
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#10
Phenol
Concen: 46.81 ng
RT: 7.29 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF095043.D
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Tgt Ion	Ratio	Lower	Upper
94	100		
65	25.4	9.9	49.9
66	34.6	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 44.99 ng

RT: 7.35 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF095043.D

Acq: 10 May 2017 2:32

Instrument :

BNA_F

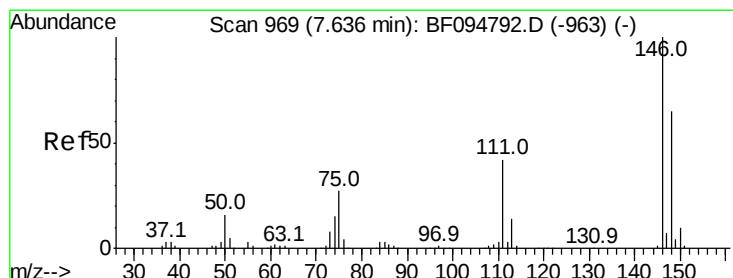
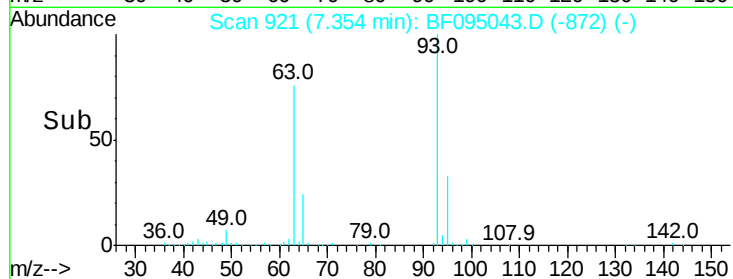
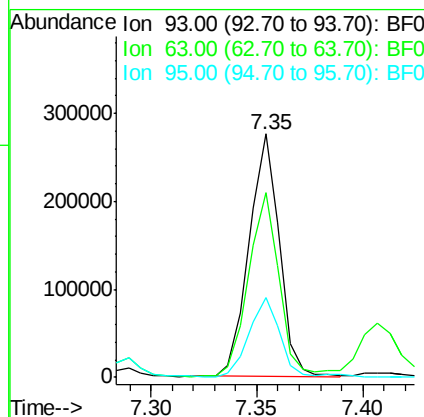
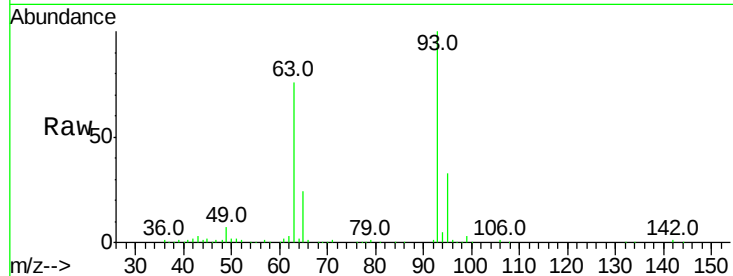
ClientSampleId :

TP-7-8-9-COMPMS

Tot Ion:	93	Resp:	274172
Ion Ratio	Lower	Upper	
93	100		
63	75.8	59.2	99.2
95	32.9	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 44.12 ng

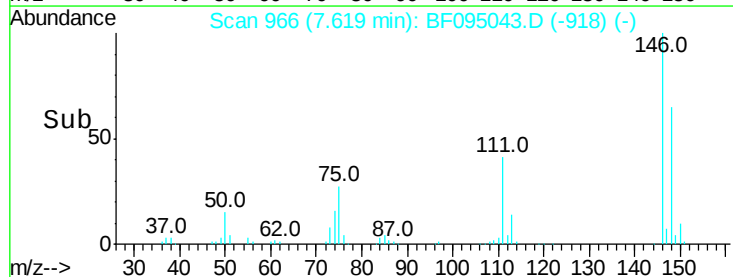
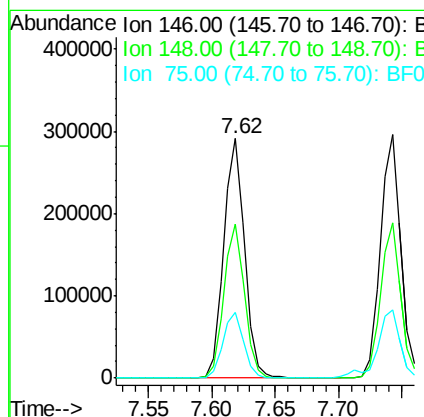
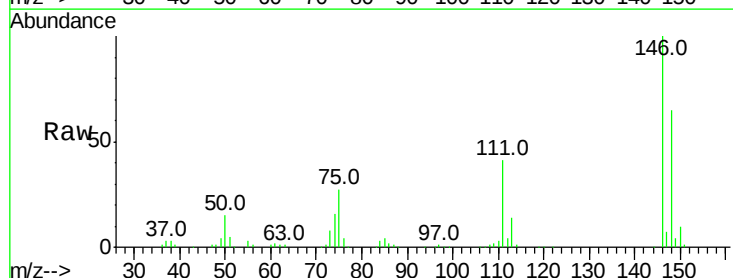
RT: 7.62 min Scan# 966

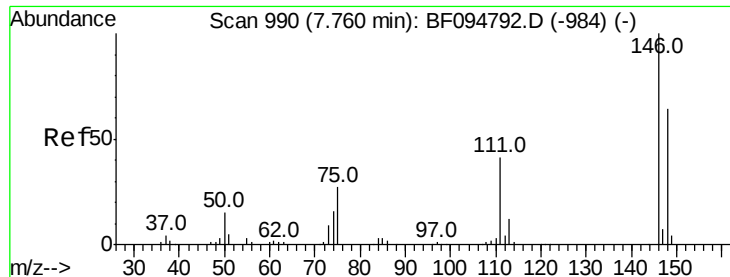
Delta R.T. -0.02 min

Lab File: BF095043.D

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Tgt Ion:	146	Resp:	332603
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.8	77.6
75	27.3	23.1	34.7





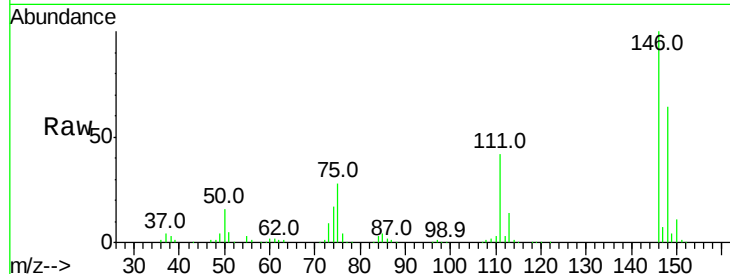
#13
 1,4-Dichlorobenzene
 Concen: 44.20 ng
 RT: 7.74 min Scan# 987
 Delta R.T. -0.02 min
 Lab File: BF095043.D
 Acq: 10 May 2017 2:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-8-9-COMPMS

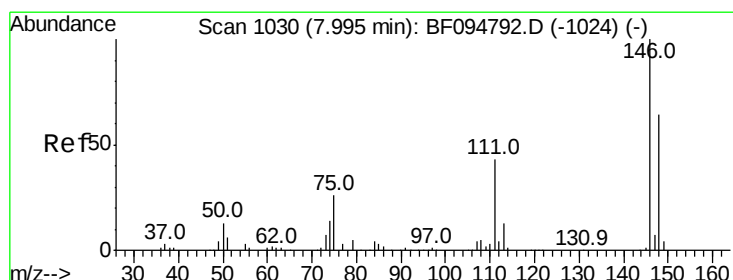
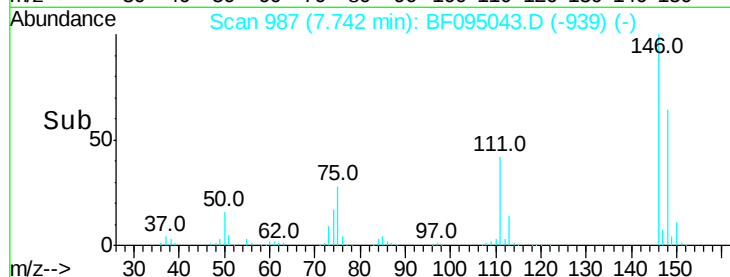
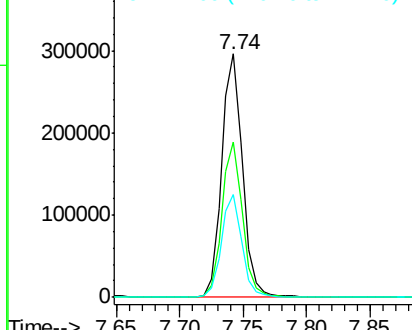
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.2	78.2
111	42.3	30.3	45.5

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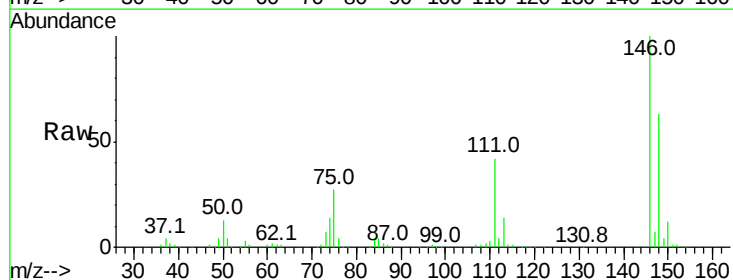


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

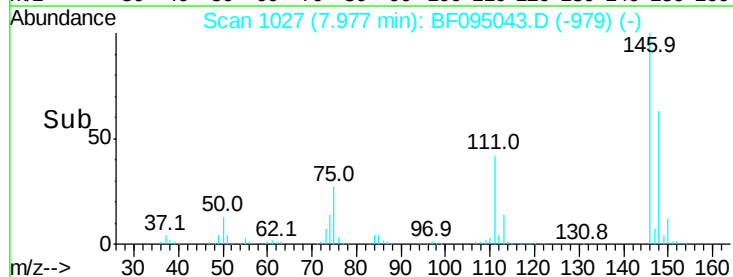
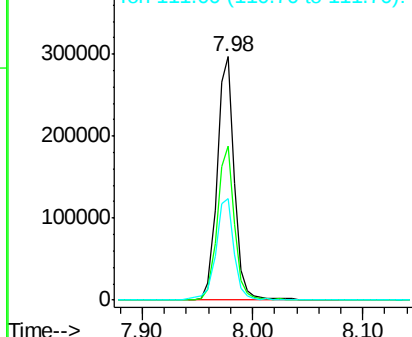


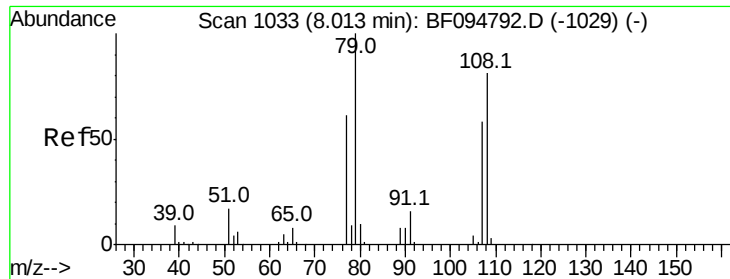
#14
 1,2-Dichlorobenzene
 Concen: 44.92 ng
 RT: 7.98 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BF095043.D
 Acq: 10 May 2017 2:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.4	75.6
111	41.7	38.2	57.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





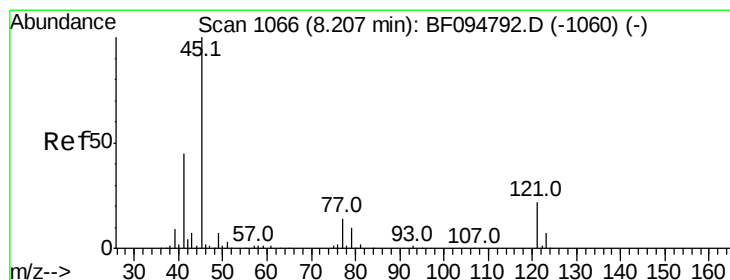
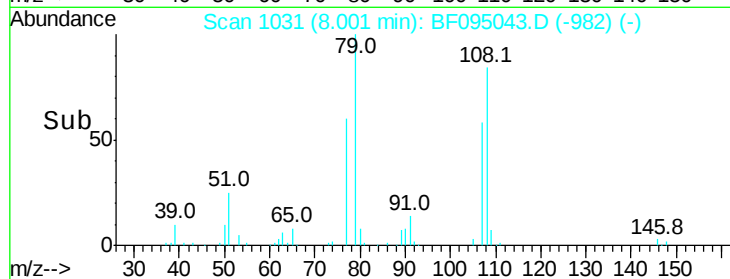
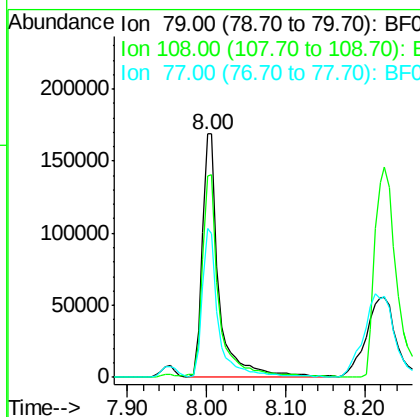
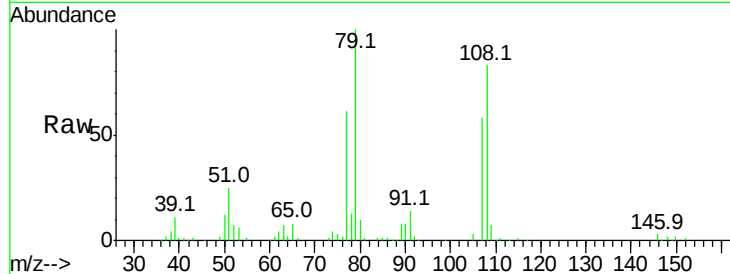
#15
Benzyl Alcohol
Concen: 55.80 ng
RT: 8.00 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF095043.D
Acq: 10 May 2017 2:32

Instrument :
BNA_F
ClientSampleId :
TP-7-8-9-COMPMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.8	63.4	95.0
77	61.3	49.2	73.8

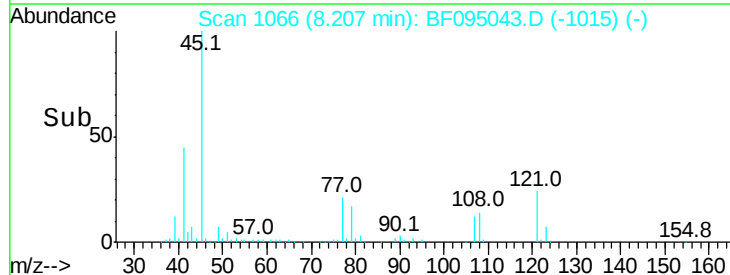
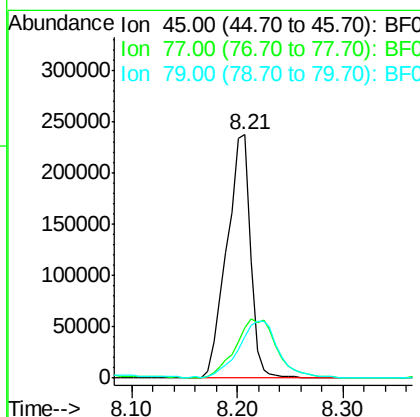
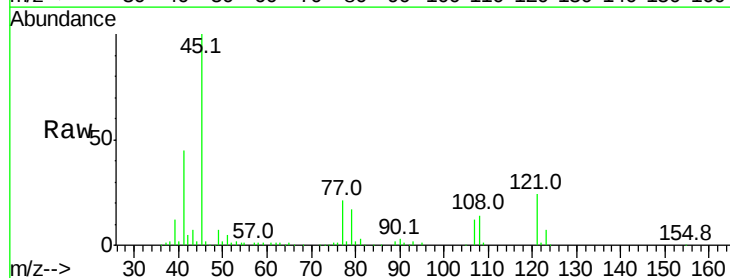
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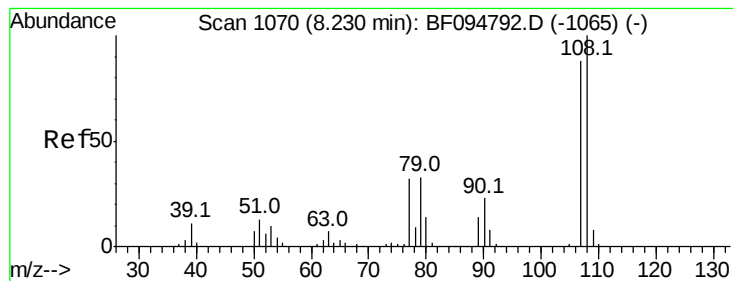
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#16
2,2'-oxybis(1-chloropropane)
Concen: 42.68 ng
RT: 8.21 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BF095043.D
Acq: 10 May 2017 2:32

Tgt Ion	Ratio	Lower	Upper
45	100		
77	20.6	0.0	33.2
79	16.8	0.0	30.0





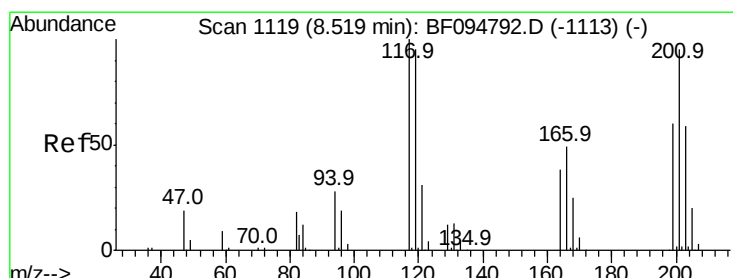
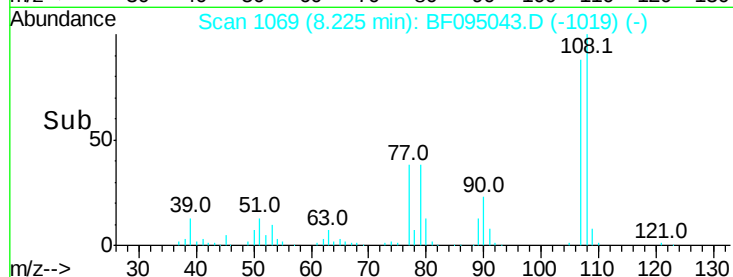
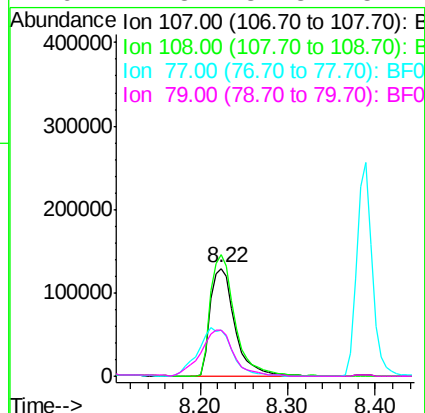
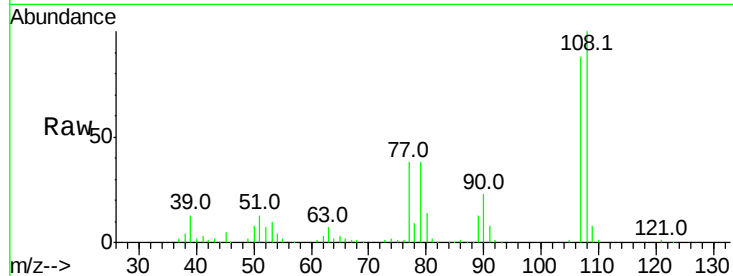
#17
2-Methylphenol
Concen: 46.54 ng
RT: 8.22 min Scan# 1069
Delta R.T. -0.01 min
Lab File: BF095043.D
Acq: 10 May 2017 2:32

Instrument :
BNA_F
ClientSampleId :
TP-7-8-9-COMPMS

Tot Ion	107	Resp	253122
Ion Ratio	Lower	Upper	
107	100		
108	113.0	93.4	140.0
77	43.4	35.8	53.6
79	42.8	34.8	52.2

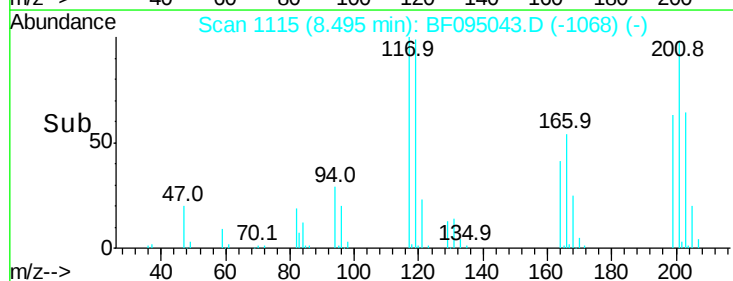
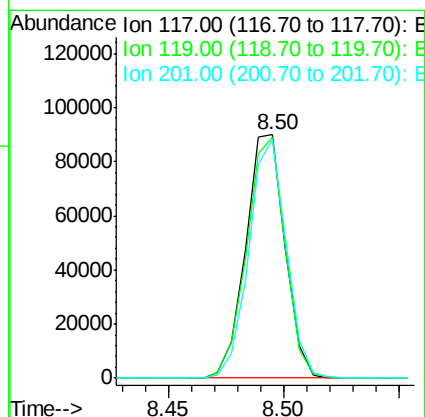
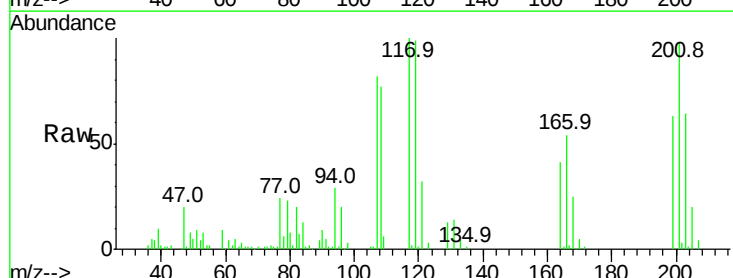
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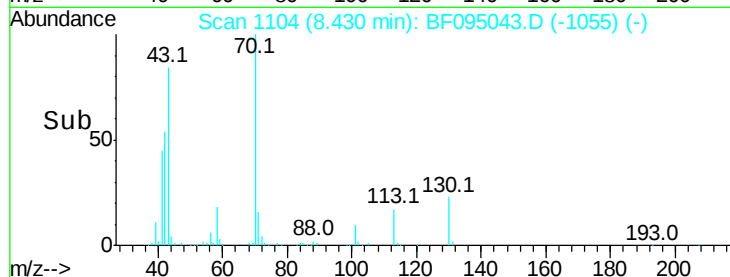
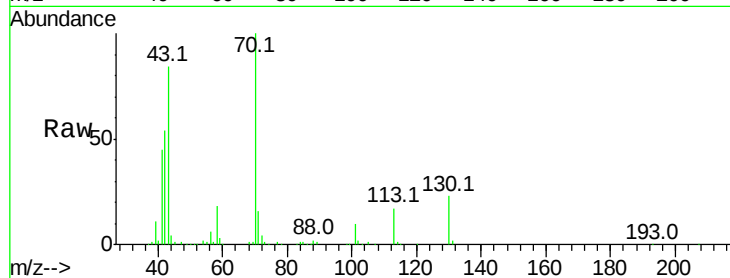
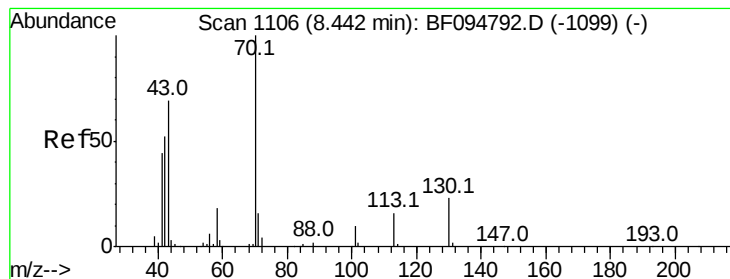
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#18
Hexachloroethane
Concen: 41.34 ng
RT: 8.50 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF095043.D
Acq: 10 May 2017 2:32

Tgt Ion	117	Resp	107068
Ion Ratio	Lower	Upper	
117	100		
119	98.9	77.4	116.0
201	97.9	94.6	141.8





#19

n-Nitroso-di-n-propylamine

Concen: 45.75 ng

RT: 8.43 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BF095043.D

Acq: 10 May 2017 2:32

Tot Ion:	70	Resp:	216768
Ion Ratio	Lower	Upper	
70	100		
42	53.5	47.2	70.8
101	9.6	7.2	10.8
130	22.6	15.9	23.9

Instrument :

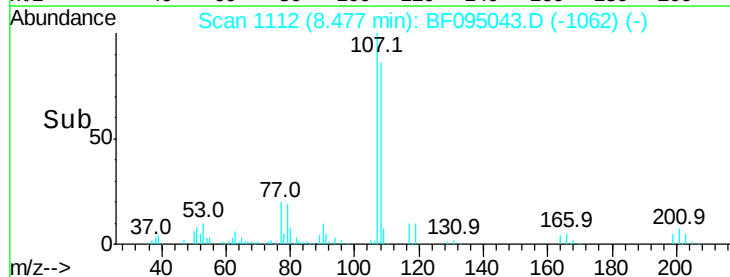
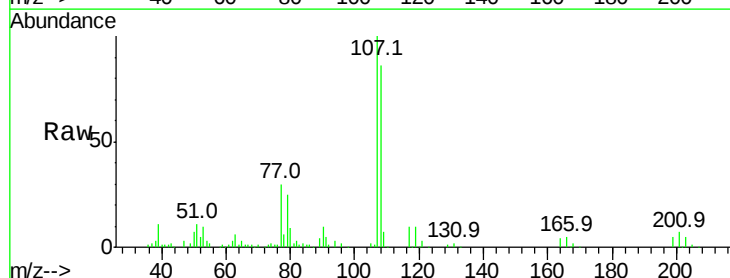
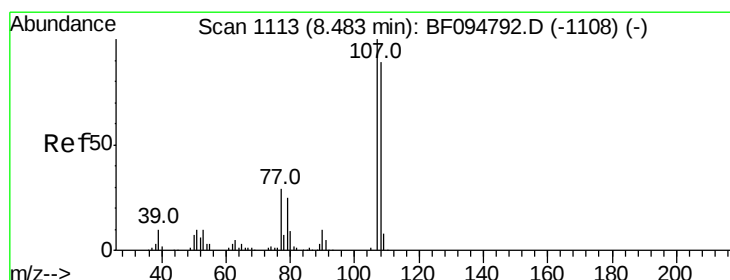
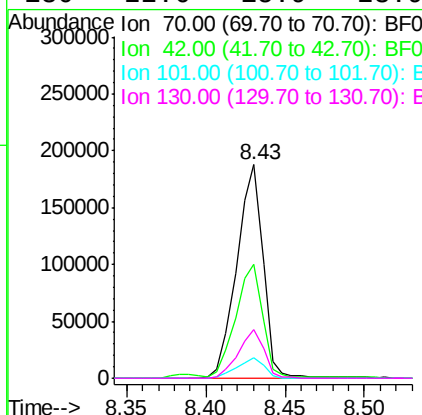
BNA_F

ClientSampleId :

TP-7-8-9-COMPMS

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#20

3+4-Methylphenols

Concen: 44.80 ng

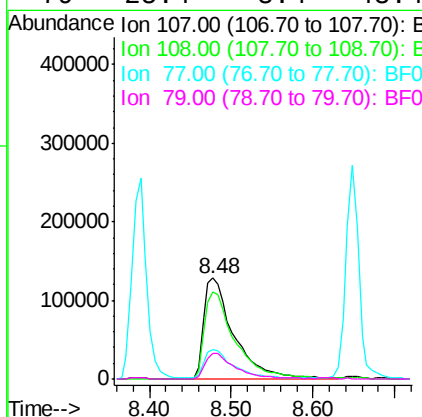
RT: 8.48 min Scan# 1112

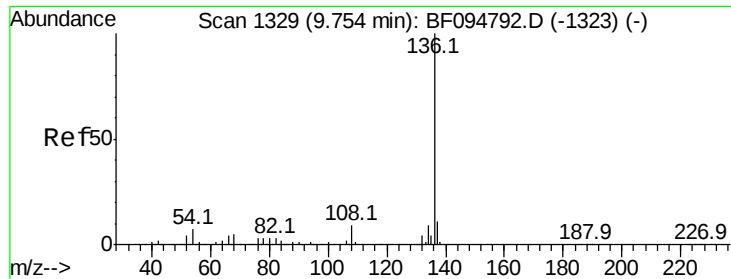
Delta R.T. -0.01 min

Lab File: BF095043.D

Acq: 10 May 2017 2:32

Tgt Ion:	107	Resp:	331125
Ion Ratio	Lower	Upper	
107	100		
108	86.1	71.0	111.0
77	29.8	90.5	130.5#
79	25.4	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.74 min Scan# 1326

Delta R.T. -0.02 min

Lab File: BF095043.D

Acq: 10 May 2017 2:32

Instrument :

BNA_F

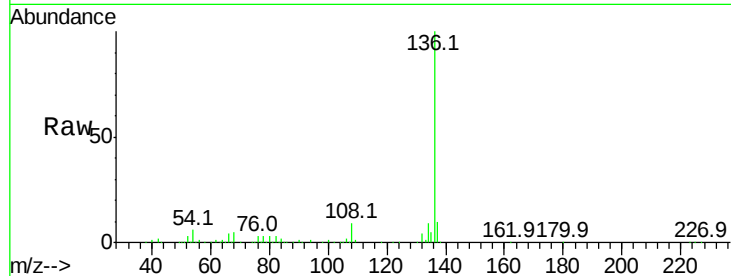
ClientSampleId :

TP-7-8-9-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.4	8.5	12.7	
54	6.4	4.9	7.3	
68	5.4	4.1	6.1	

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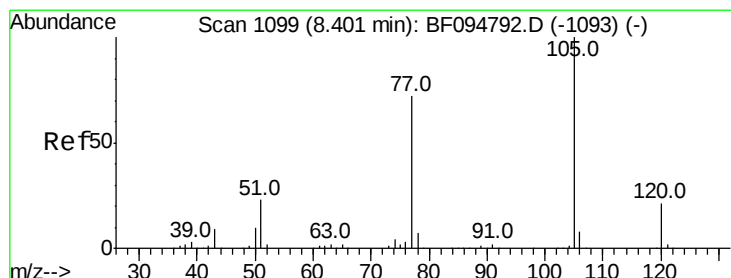
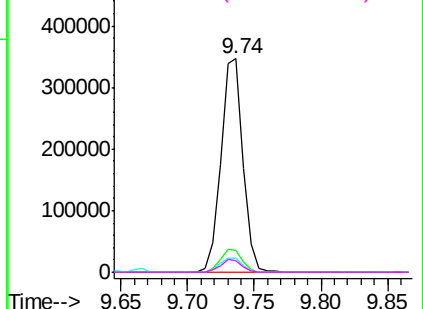
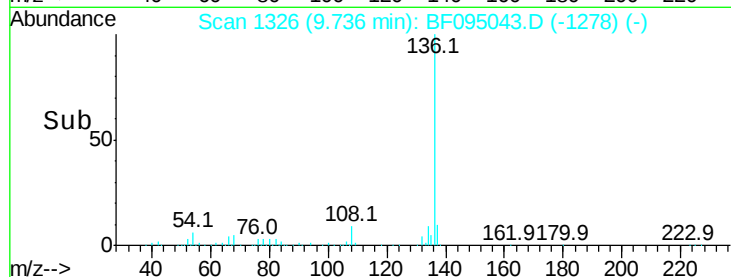
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 45.15 ng

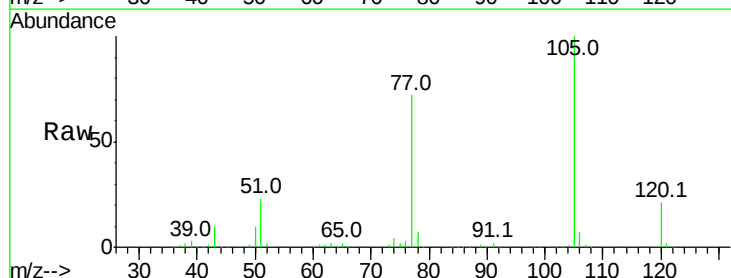
RT: 8.39 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BF095043.D

Acq: 10 May 2017 2:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	2.8	4.2#	
51	22.8	30.7	46.1#	
120	21.4	17.4	26.0	



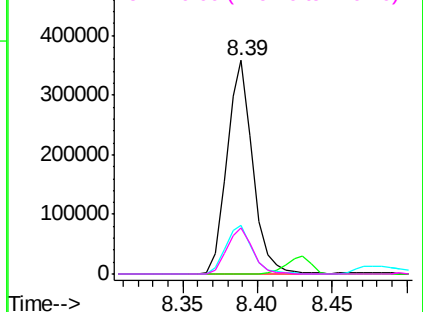
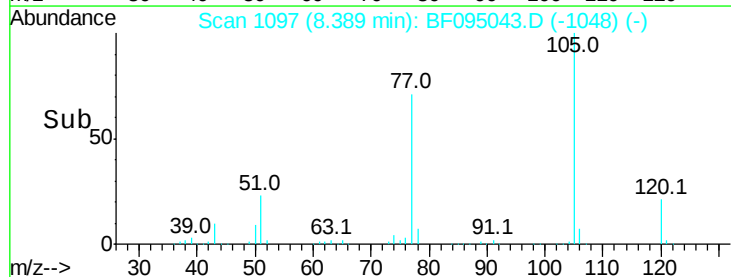
Abundance

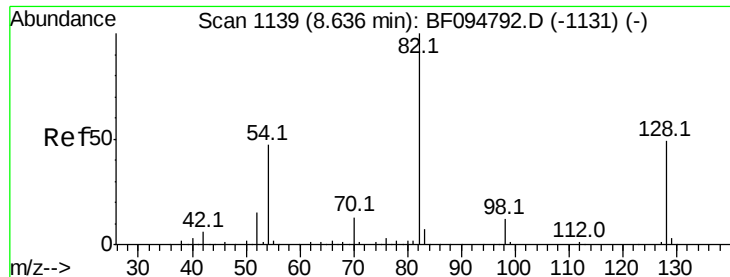
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





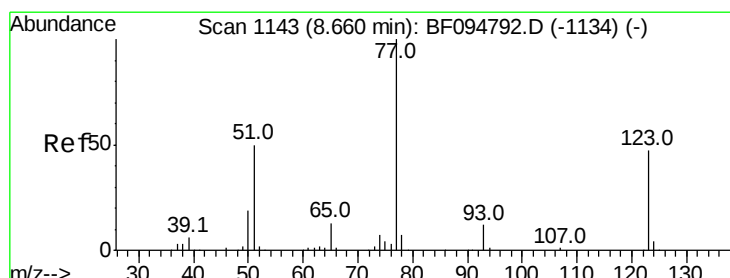
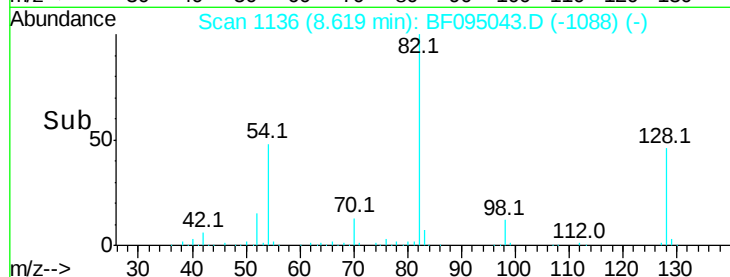
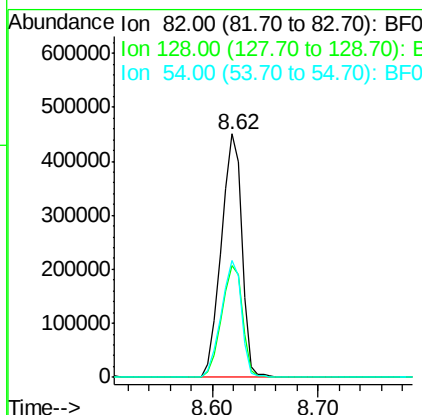
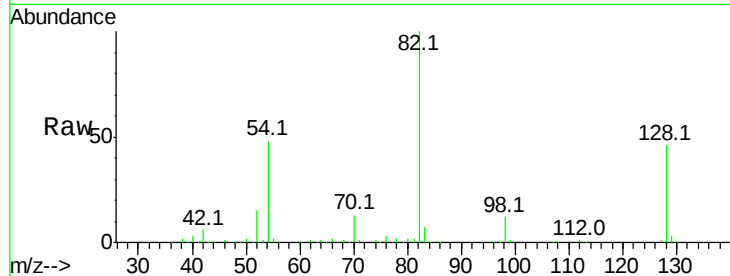
#23
 Nitrobenzene-d5
 Concen: 96.60 ng
 RT: 8.62 min Scan# 1136
 Delta R.T. -0.02 min
 Lab File: BF095043.D
 Acq: 10 May 2017 2:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-8-9-COMPMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.0	51.0
54	48.0	42.2	63.2

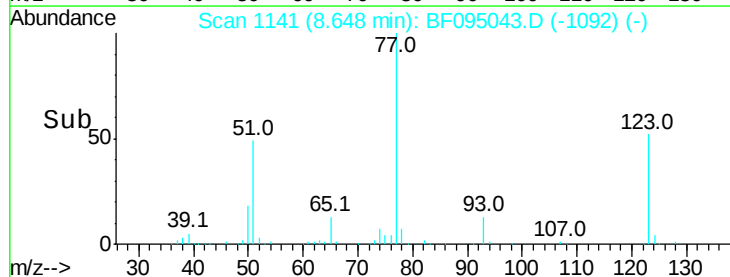
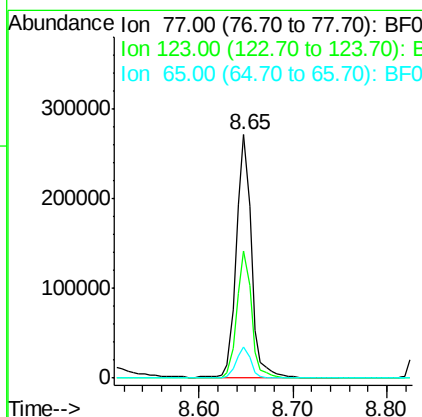
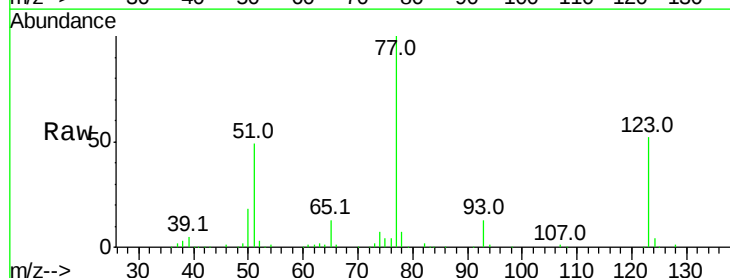
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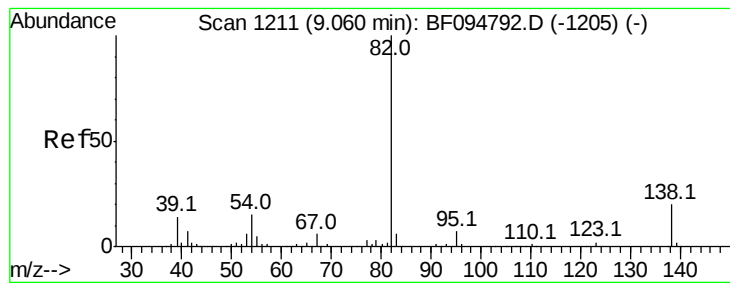
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#24
 Nitrobenzene
 Concen: 45.11 ng
 RT: 8.65 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF095043.D
 Acq: 10 May 2017 2:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.3	35.8	53.8
65	12.9	10.6	15.8





#25

Isophorone

Concen: 47.93 ng

RT: 9.05 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF095043.D

Acq: 10 May 2017 2:32

Instrument :

BNA_F

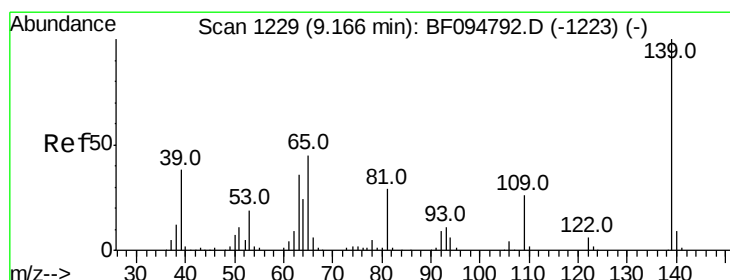
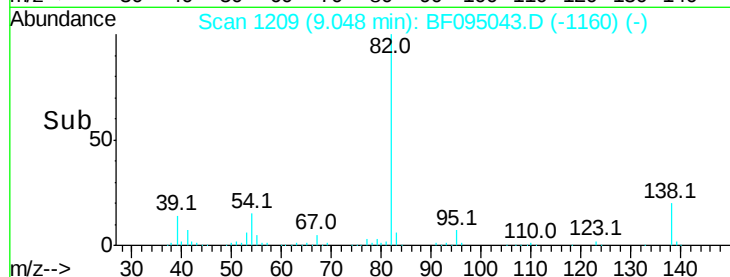
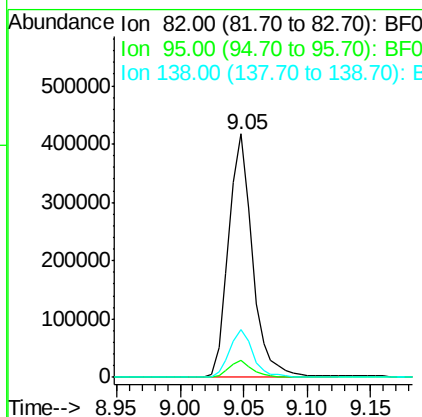
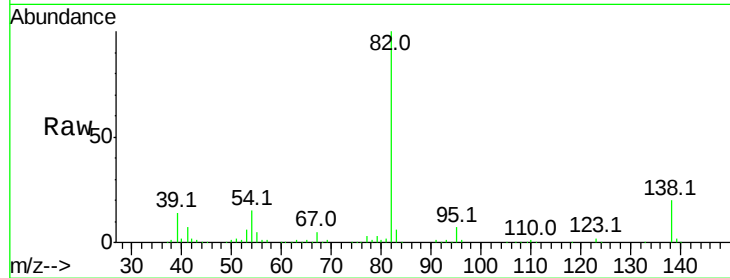
ClientSampleId :

TP-7-8-9-COMPMS

Tot Ion:	82	Resp:	546993
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.3	7.9
138	19.5	13.1	19.7

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#26

2-Nitrophenol

Concen: 48.19 ng

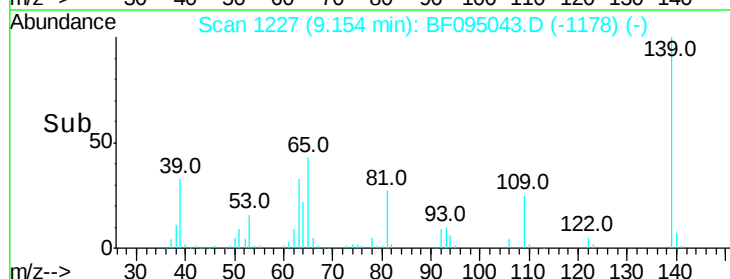
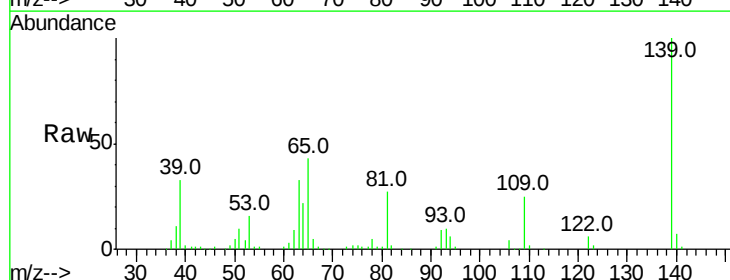
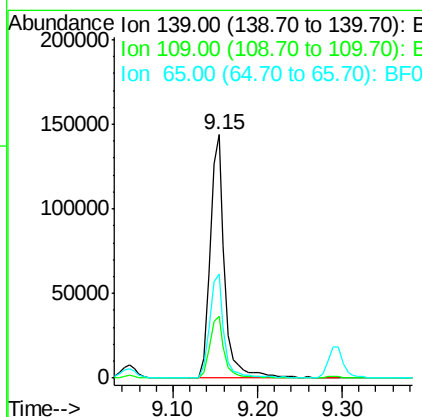
RT: 9.15 min Scan# 1227

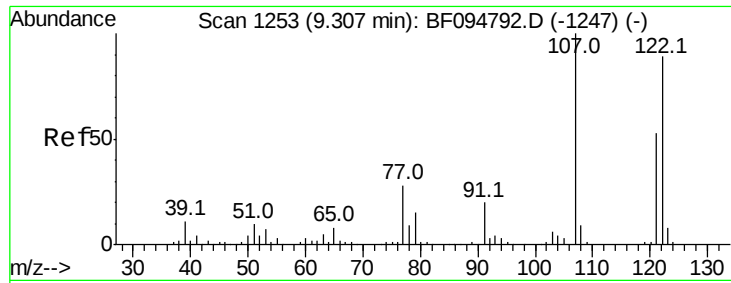
Delta R.T. -0.01 min

Lab File: BF095043.D

Acq: 10 May 2017 2:32

Tgt Ion:	139	Resp:	174183
Ion Ratio	Lower	Upper	
139	100		
109	25.2	21.0	31.6
65	42.6	33.0	49.6





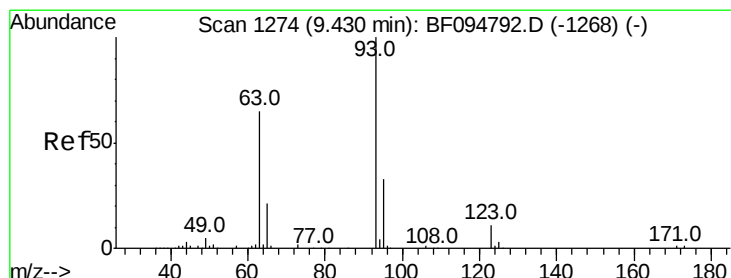
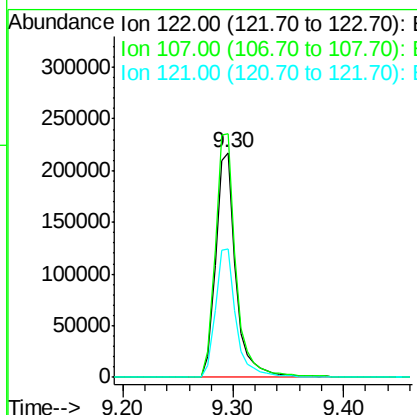
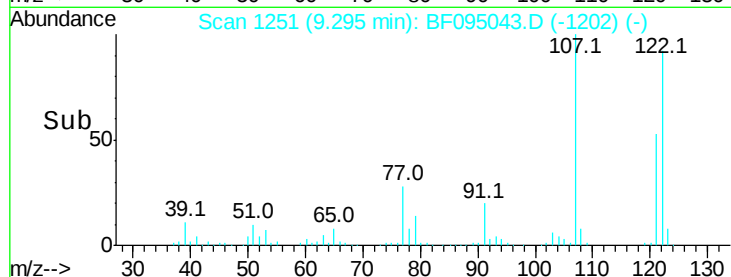
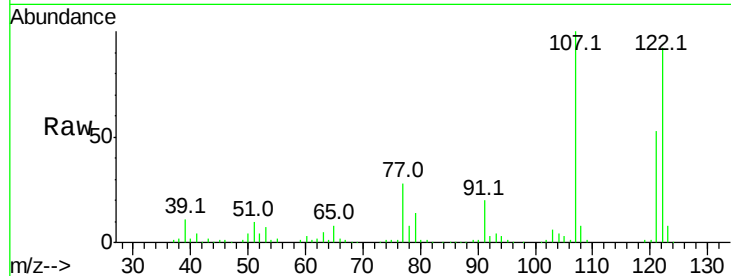
#27
 2,4-Dimethylphenol
 Concen: 47.20 ng
 RT: 9.30 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BF095043.D
 Acq: 10 May 2017 2:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-8-9-COMPMS

Tot Ion:	122	Resp:	275852
Ion Ratio	Lower	Upper	
122	100		
107	108.5	89.2	133.8
121	57.4	45.2	67.8

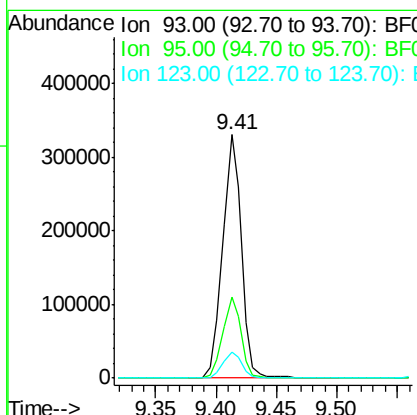
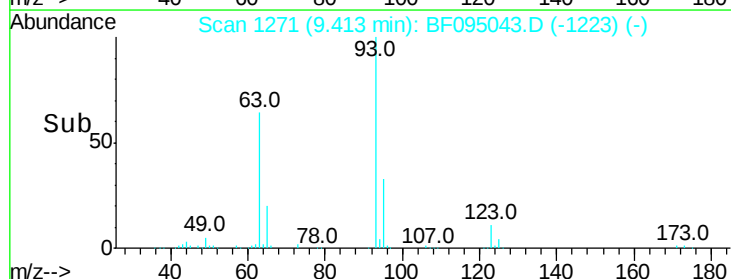
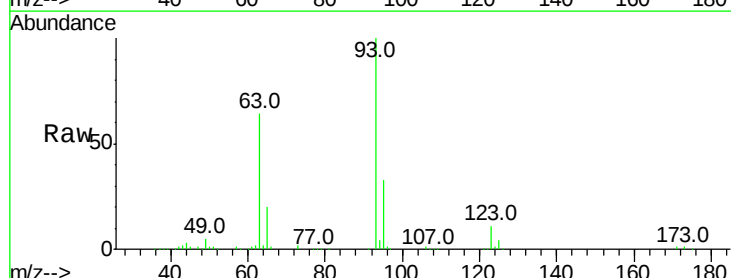
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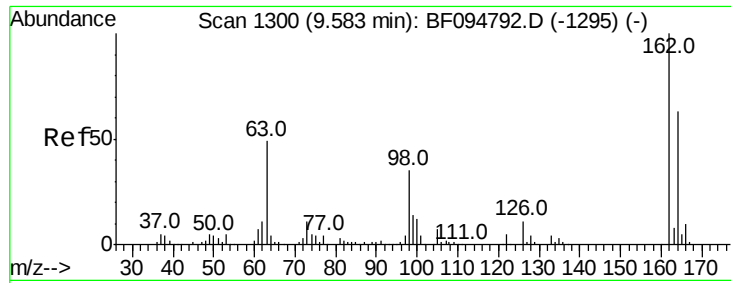
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 44.80 ng
 RT: 9.41 min Scan# 1271
 Delta R.T. -0.02 min
 Lab File: BF095043.D
 Acq: 10 May 2017 2:32

Tgt Ion:	93	Resp:	353695
Ion Ratio	Lower	Upper	
93	100		
95	33.4	26.5	39.7
123	10.8	9.0	13.4





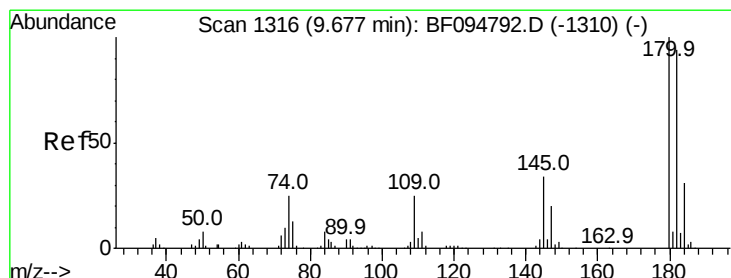
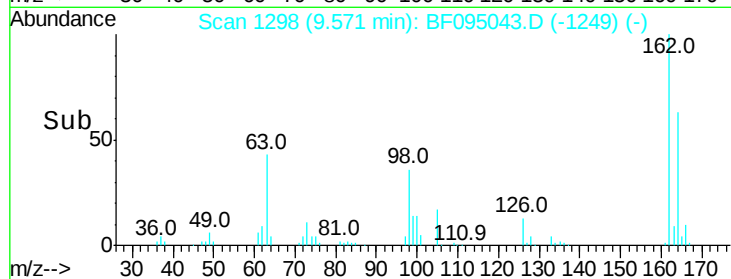
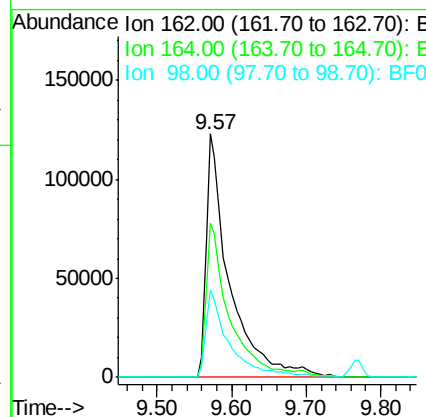
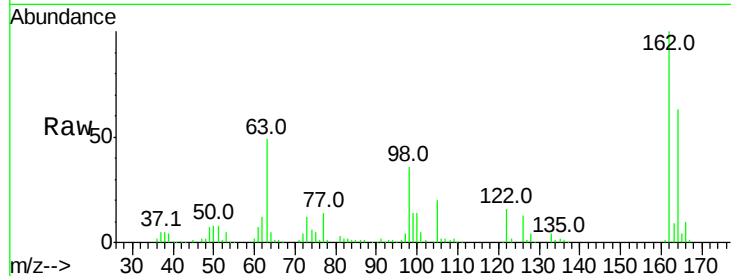
#29
 2,4-Dichlorophenol
 Concen: 48.49 ng
 RT: 9.57 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF095043.D
 Acq: 10 May 2017 2:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-8-9-COMPMS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.3	44.6	84.6
98	36.0	14.8	54.8

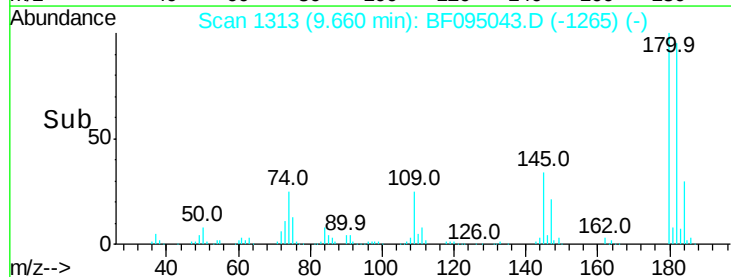
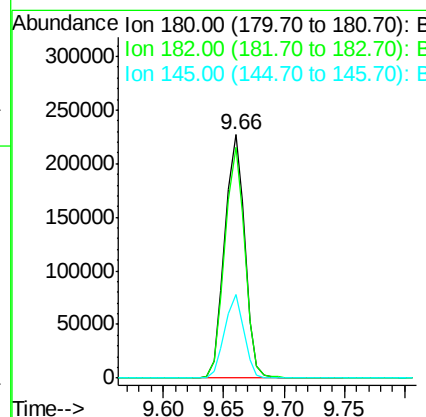
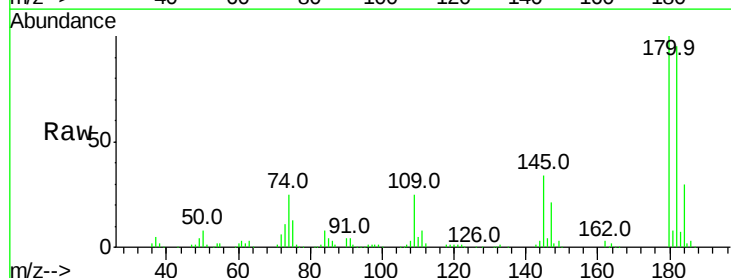
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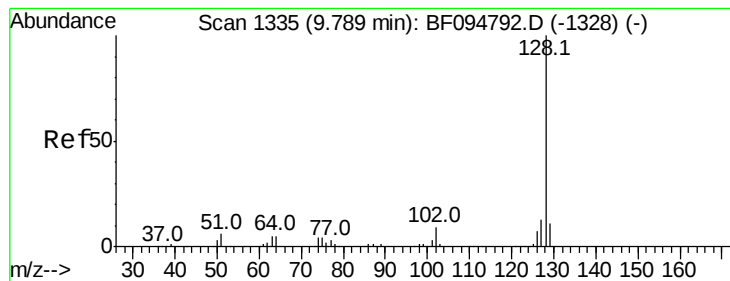
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.20 ng
 RT: 9.66 min Scan# 1313
 Delta R.T. -0.02 min
 Lab File: BF095043.D
 Acq: 10 May 2017 2:32

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.8	75.8	113.6
145	34.4	25.3	37.9





#31

Naphthalene

Concen: 41.62 ng

RT: 9.77 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BF095043.D

Acq: 10 May 2017 2:32

Instrument :

BNA_F

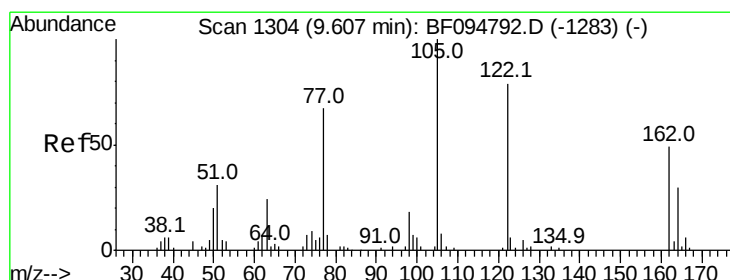
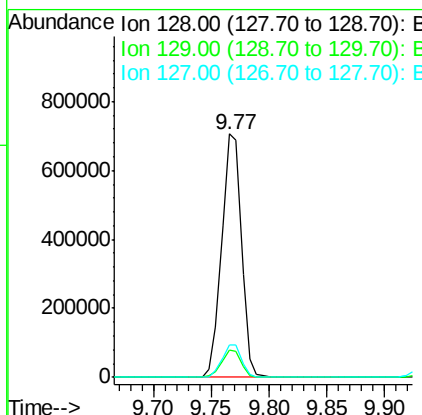
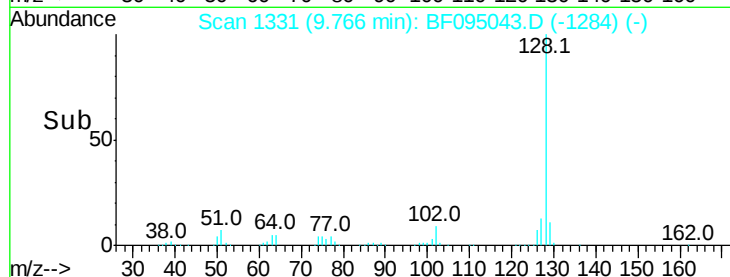
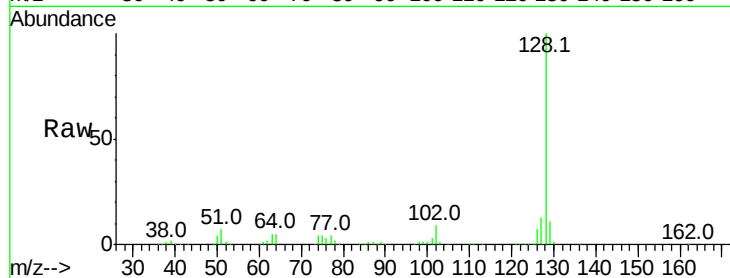
ClientSampleId :

TP-7-8-9-COMPMS

Tot Ion:	128	Resp:	842948
Ion Ratio	Lower	Upper	
128	100		
129	11.4	9.0	13.6
127	13.3	10.8	16.2

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#32

Benzoic acid

Concen: 18.48 ng

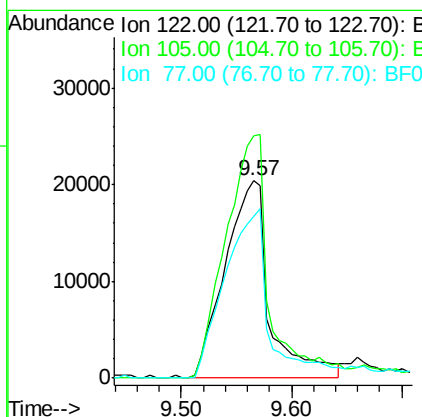
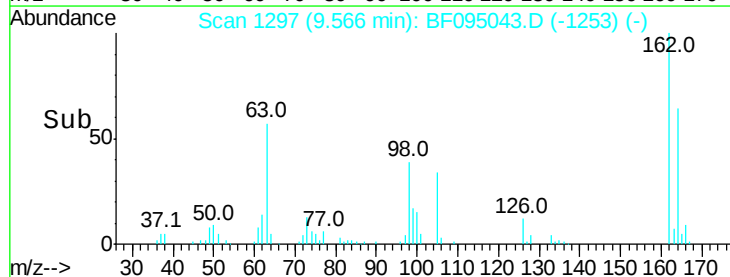
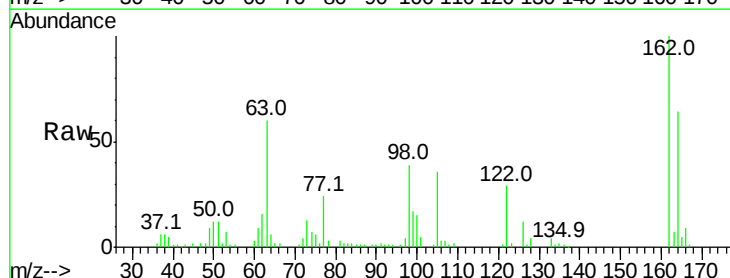
RT: 9.57 min Scan# 1297

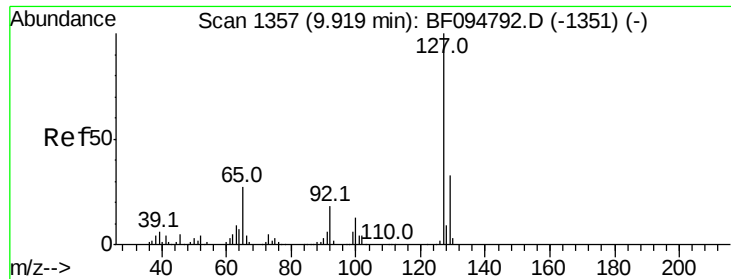
Delta R.T. -0.04 min

Lab File: BF095043.D

Acq: 10 May 2017 2:32

Tgt Ion:	122	Resp:	57504
Ion Ratio	Lower	Upper	
122	100		
105	122.8	103.3	143.3
77	82.0	73.7	113.7





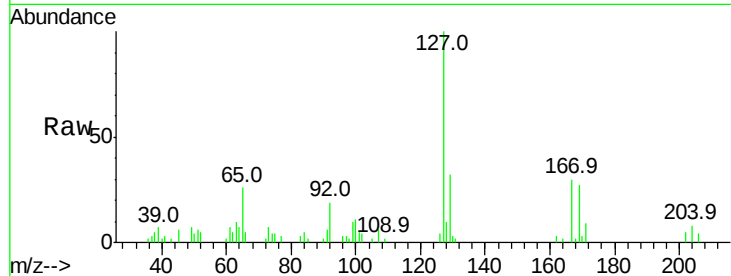
#33
 4-Chloroaniline
 Concen: 6.24 ng
 RT: 9.94 min Scan# 1360
 Delta R.T. 0.02 min
 Lab File: BF095043.D
 Acq: 10 May 2017 2:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-8-9-COMPMS

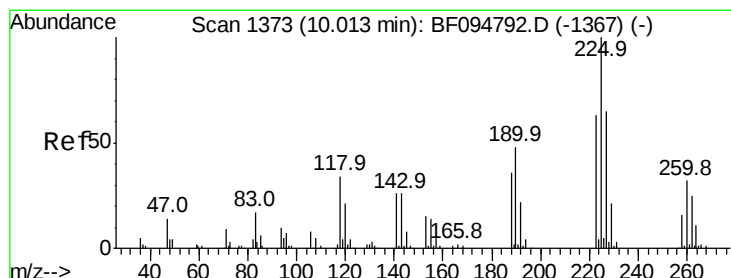
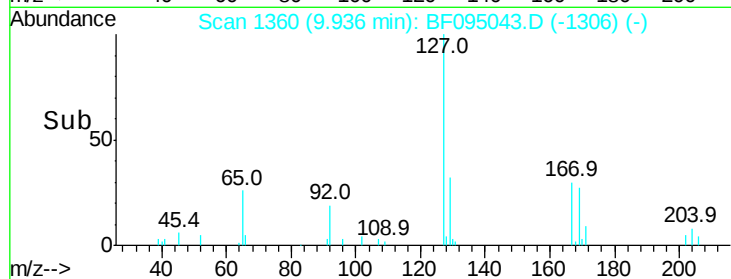
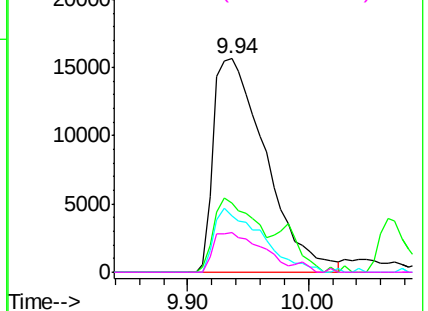
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.2	26.2	39.2	
65	26.4	27.8	41.8	
92	18.6	16.8	25.2	

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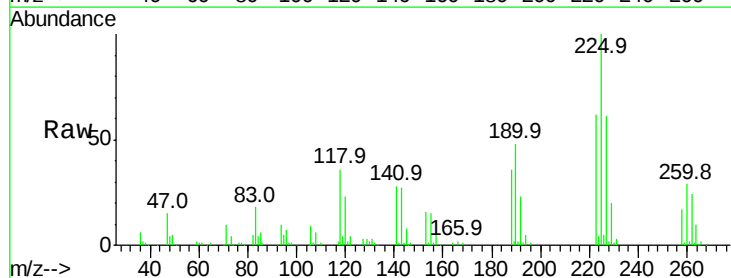


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

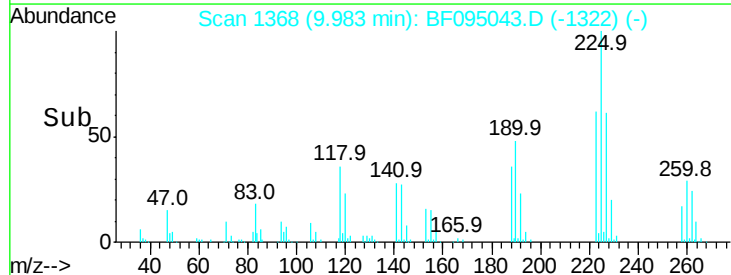
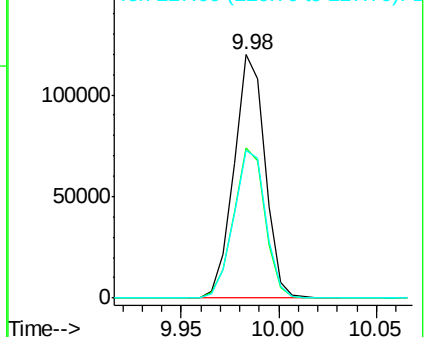


#34
 Hexachlorobutadiene
 Concen: 42.42 ng
 RT: 9.98 min Scan# 1368
 Delta R.T. -0.03 min
 Lab File: BF095043.D
 Acq: 10 May 2017 2:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.6	48.8	73.2	
227	60.8	51.1	76.7	



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 46.84 ng/mL

RT: 10.54 min Scan# 1462

Delta R.T. -0.00 min

Lab File: BF095043.D

Acq: 10 May 2017 2:32

Instrument :

BNA_F

ClientSampleId :

TP-7-8-9-COMPMS

Tot Ion:113 Resp: 77618

Ion Ratio Lower Upper

113 100

55 151.0 150.2 190.2

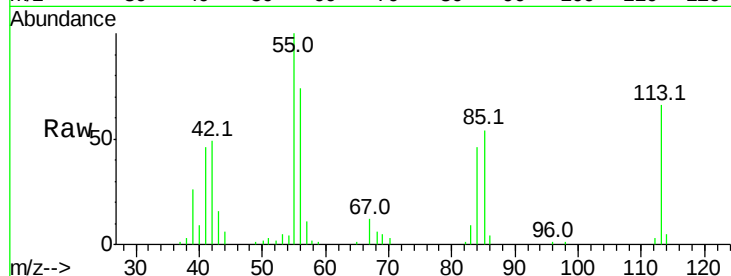
56 111.5 107.8 147.8

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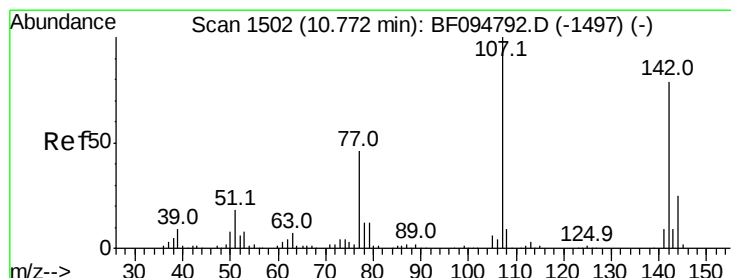
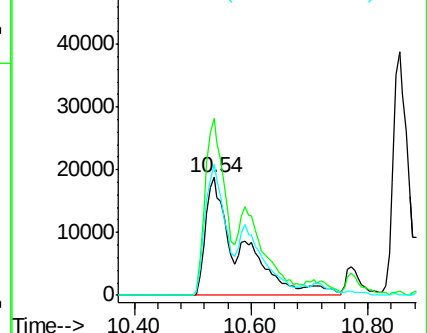
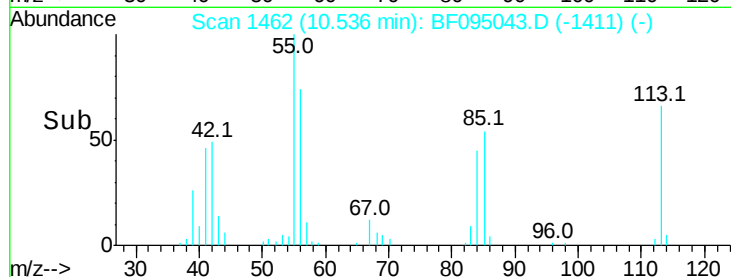
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 45.08 ng/mL

RT: 10.77 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BF095043.D

Acq: 10 May 2017 2:32

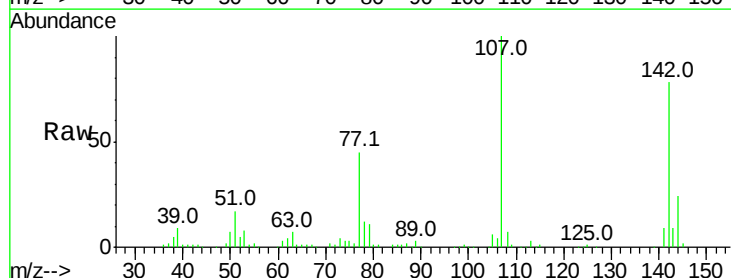
Tgt Ion:107 Resp: 265927

Ion Ratio Lower Upper

107 100

144 24.0 24.2 36.4#

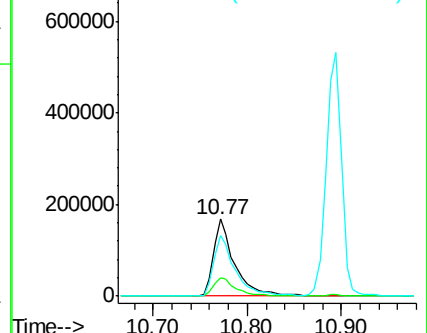
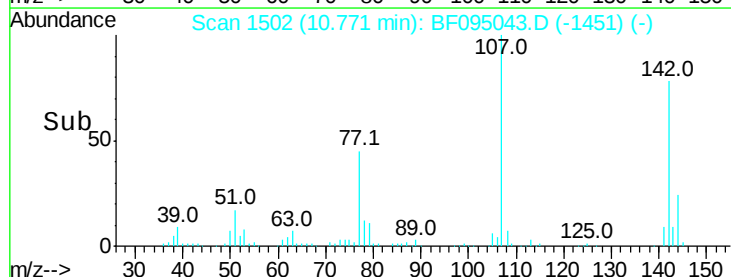
142 78.3 73.4 110.0

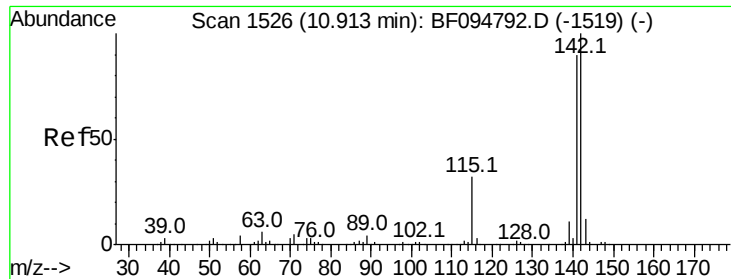


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





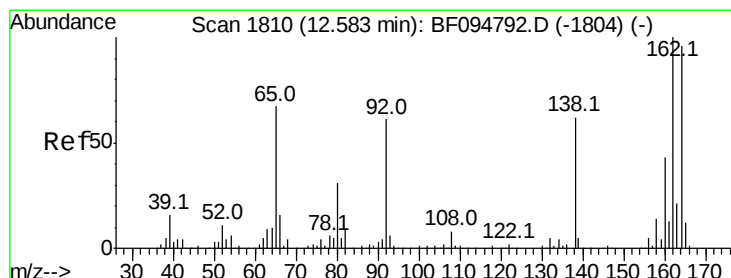
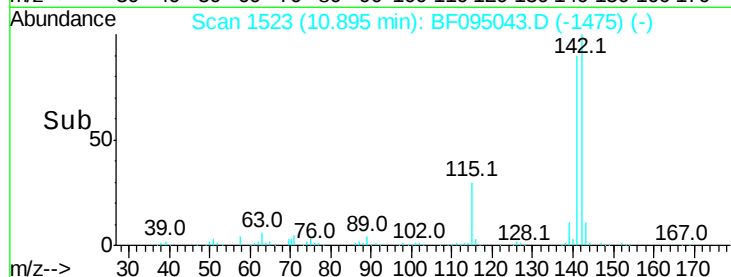
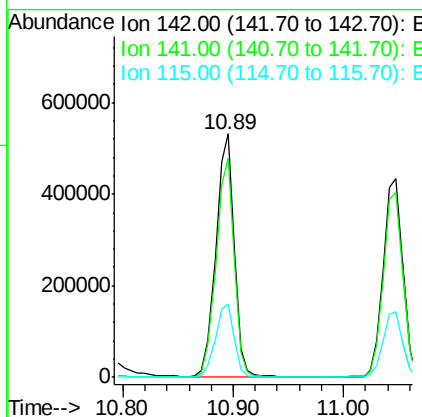
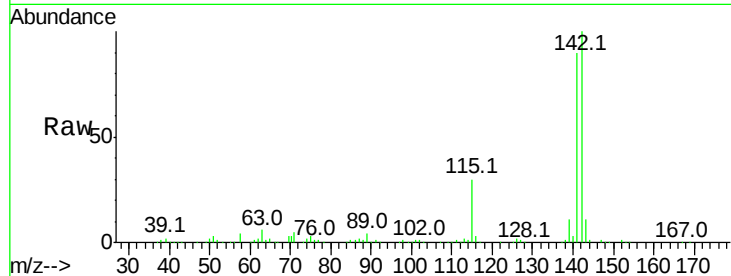
#37
2-Methylnaphthalene
Concen: 45.80 ng
RT: 10.89 min Scan# 1523
Delta R.T. -0.02 min
Lab File: BF095043.D
Acq: 10 May 2017 2:32

Instrument :
BNA_F
ClientSampleId :
TP-7-8-9-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	608871		
141	89.8	71.3	106.9	
115	30.2	27.1	40.7	

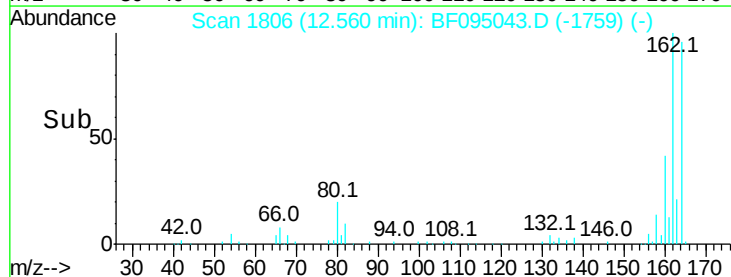
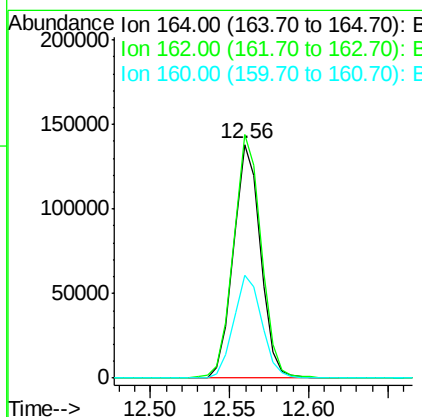
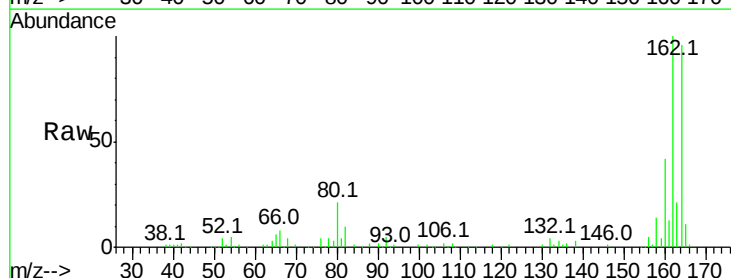
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.56 min Scan# 1806
Delta R.T. -0.02 min
Lab File: BF095043.D
Acq: 10 May 2017 2:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	162787		
162	104.2	82.6	123.8	
160	44.1	36.2	54.2	





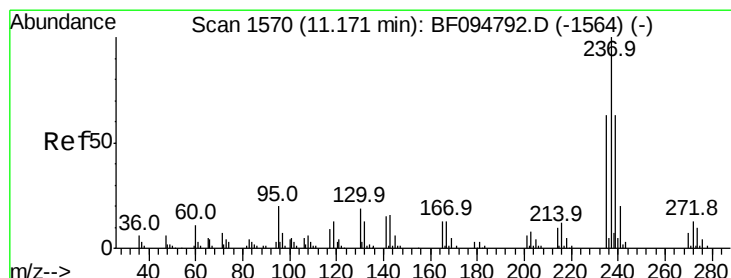
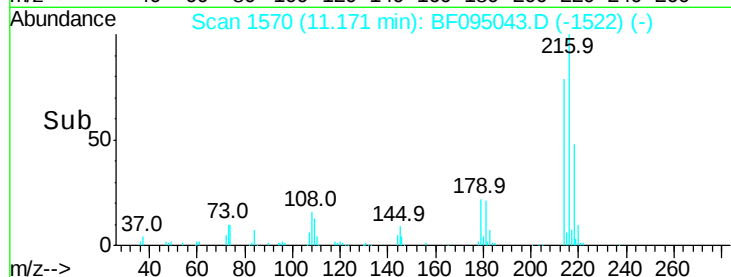
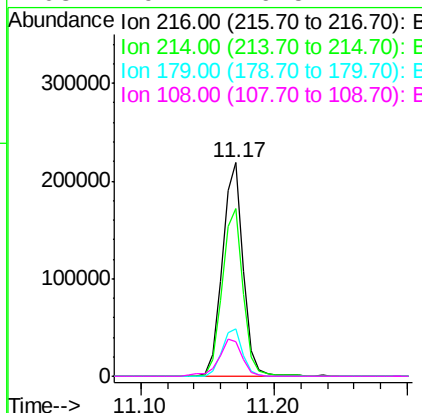
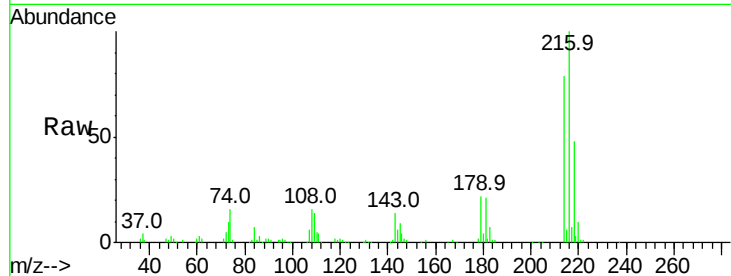
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.97 ng
 RT: 11.17 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: BF095043.D
 Acq: 10 May 2017 2:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-8-9-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	240134		
214	78.8	63.4	95.2	
179	22.2	17.9	26.9	
108	19.4	16.5	24.7	

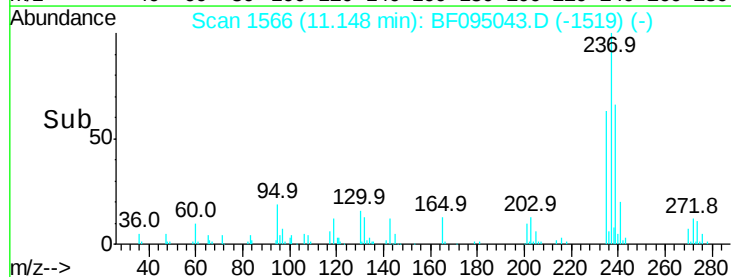
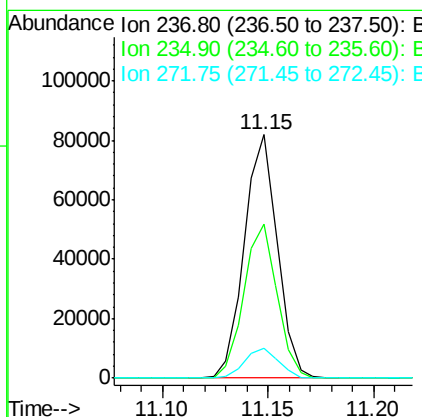
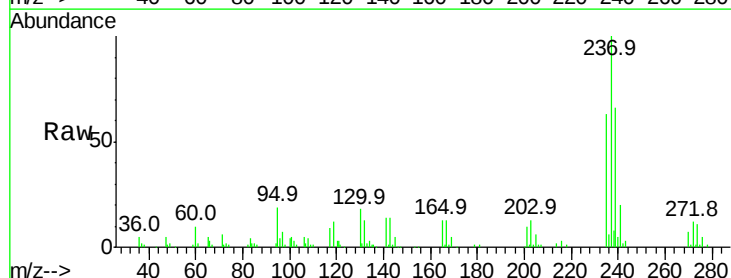
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#40
 Hexachlorocyclopentadiene
 Concen: 45.21 ng
 RT: 11.15 min Scan# 1566
 Delta R.T. -0.02 min
 Lab File: BF095043.D
 Acq: 10 May 2017 2:32

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	89159		
235	63.5	42.6	82.6	
272	12.4	0.0	31.9	





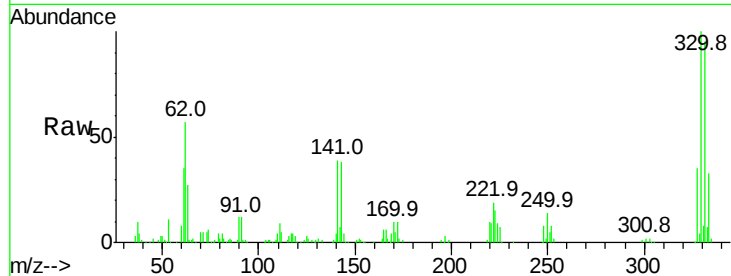
#41
 2,4,6-Tribromophenol
 Concen: 146.54 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF095043.D
 Acq: 10 May 2017 2:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-8-9-COMPMS

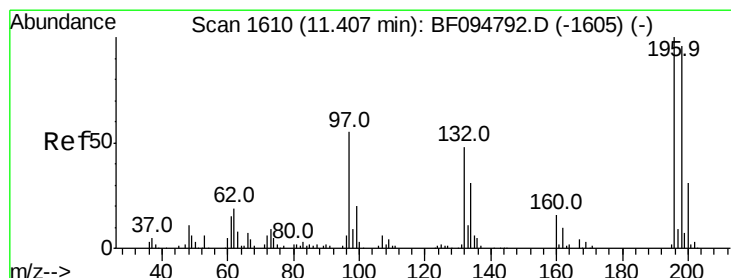
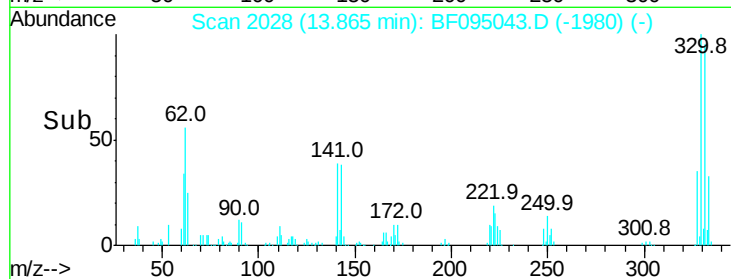
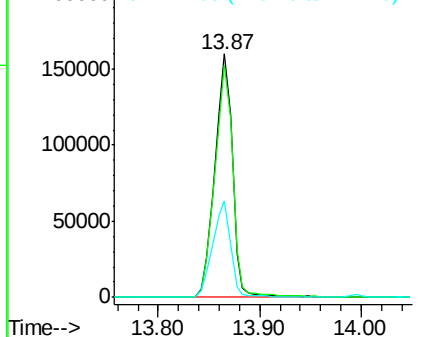
Tot Ion	Ratio	Resp	Lower	Upper
330	100	195368		
332	96.7	76.6	115.0	
141	40.1	31.4	47.2	

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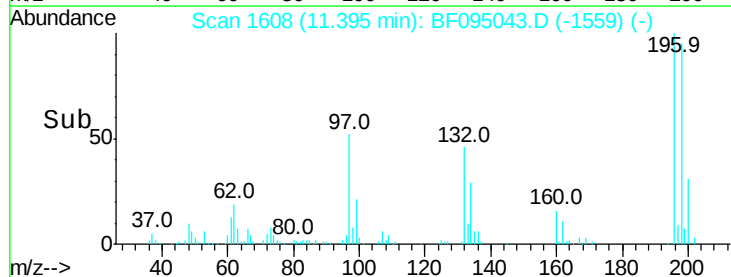
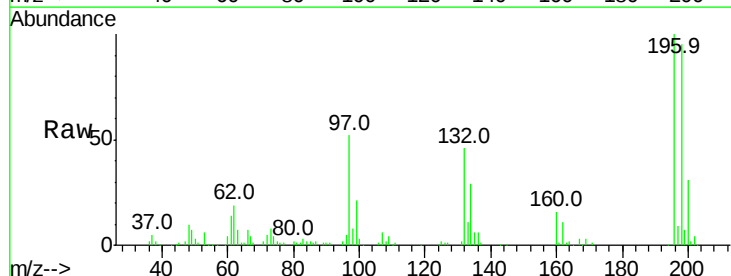
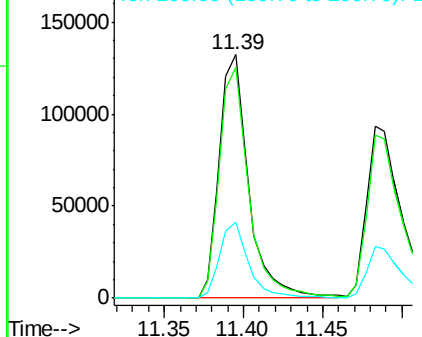
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

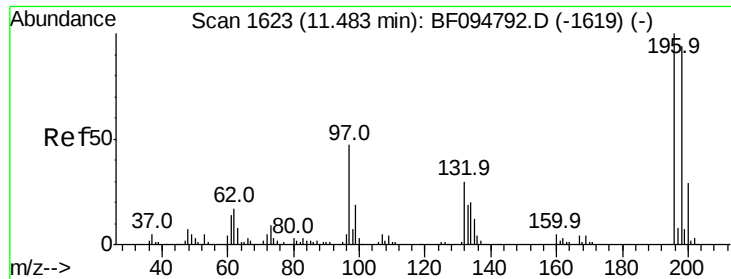


#42
 2,4,6-Trichlorophenol
 Concen: 51.44 ng
 RT: 11.39 min Scan# 1608
 Delta R.T. -0.01 min
 Lab File: BF095043.D
 Acq: 10 May 2017 2:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	171919		
198	94.9	74.2	111.4	
200	31.1	24.0	36.0	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





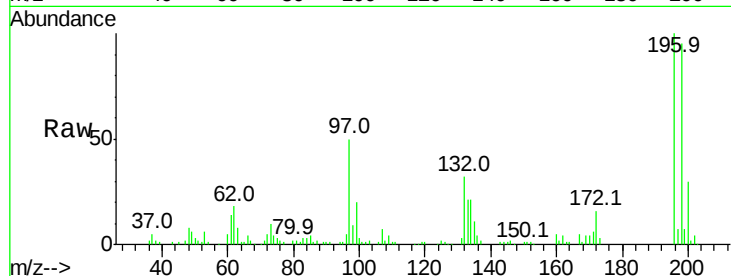
#43
2,4,5-Trichlorophenol
Concen: 44.88 ng
RT: 11.48 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BF095043.D
Acq: 10 May 2017 2:32

Instrument :
BNA_F
ClientSampleId :
TP-7-8-9-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	161225		
198	95.0	75.7	113.5	
97	49.7	47.7	71.5	
132	31.7	28.0	42.0	

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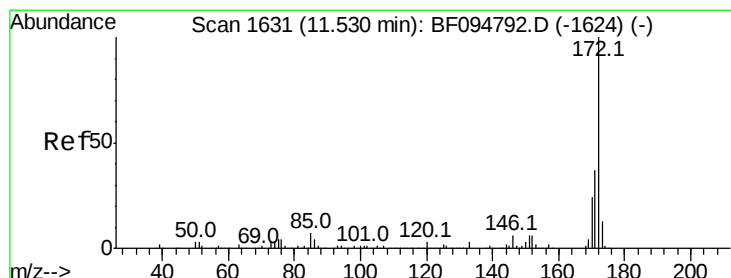
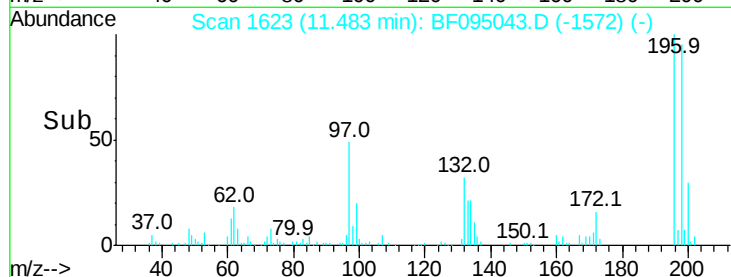
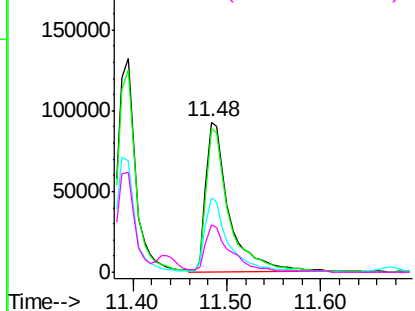
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

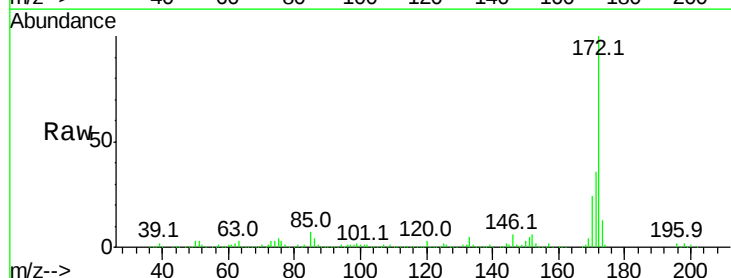
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 99.02 ng
RT: 11.51 min Scan# 1628
Delta R.T. -0.02 min
Lab File: BF095043.D
Acq: 10 May 2017 2:32

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1119951		
171	36.1	29.6	44.4	
170	23.6	19.8	29.8	

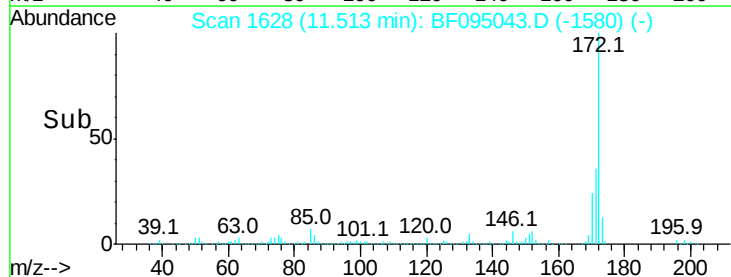
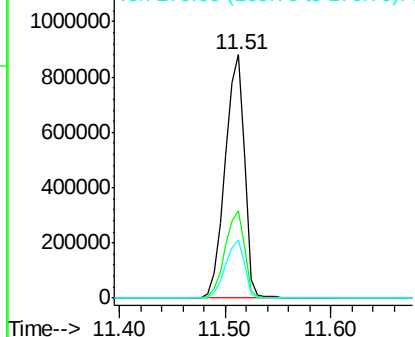


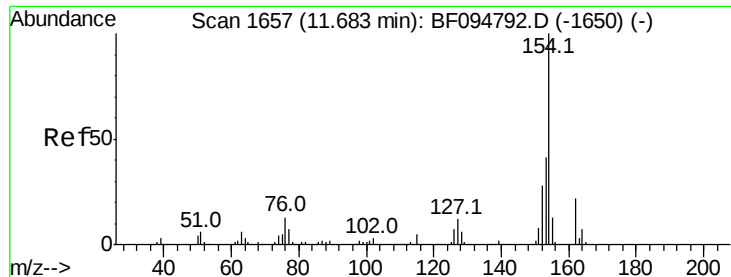
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 49.25 ng

RT: 11.66 min Scan# 1653

Delta R.T. -0.02 min

Lab File: BF095043.D

Acq: 10 May 2017 2:32

Instrument :

BNA_F

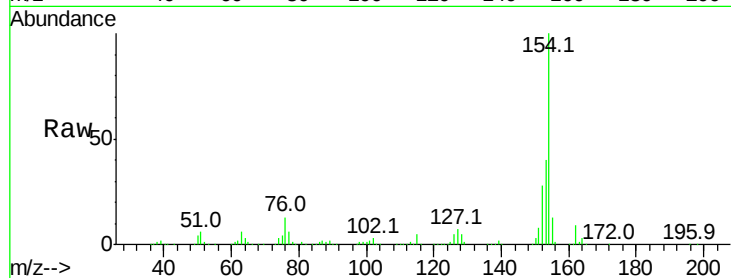
ClientSampleId :

TP-7-8-9-COMPMS

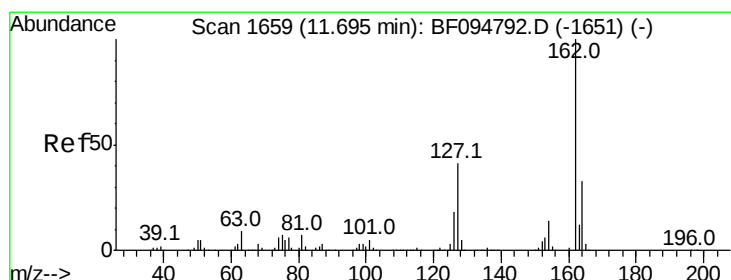
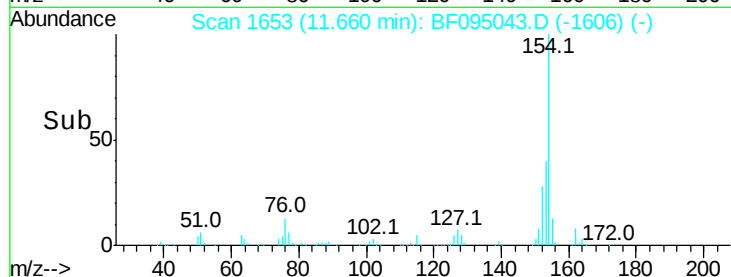
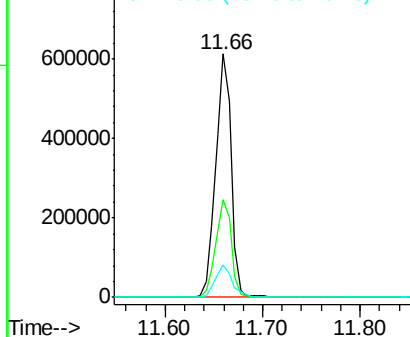
Tot Ion:	154	Resp:	675078
Ion Ratio	Lower	Upper	
154	100		
153	40.4	21.2	61.2
76	13.3	0.0	29.9

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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: 47.84 ng

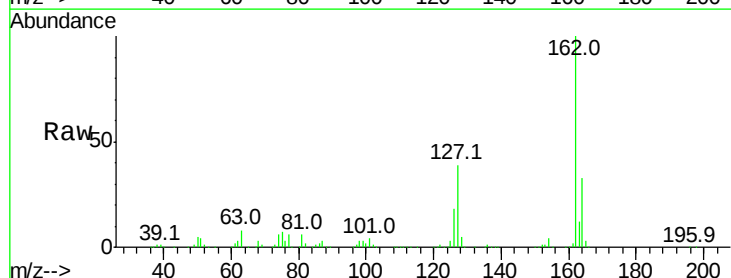
RT: 11.68 min Scan# 1656

Delta R.T. -0.02 min

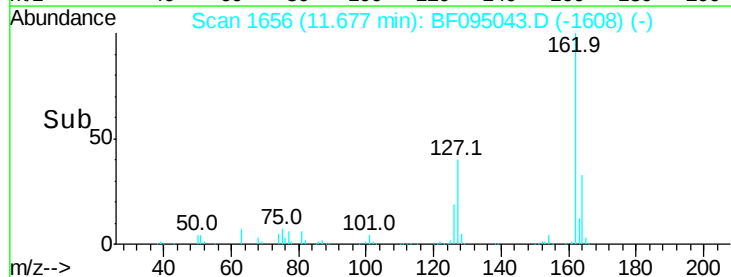
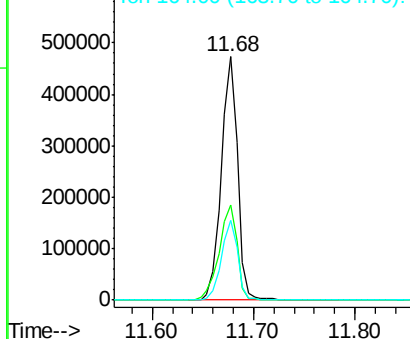
Lab File: BF095043.D

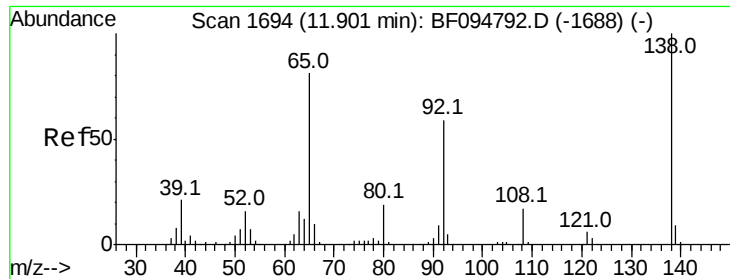
Acq: 10 May 2017 2:32

Tgt Ion:	162	Resp:	529466
Ion Ratio	Lower	Upper	
162	100		
127	39.2	28.3	42.5
164	32.8	27.0	40.4



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





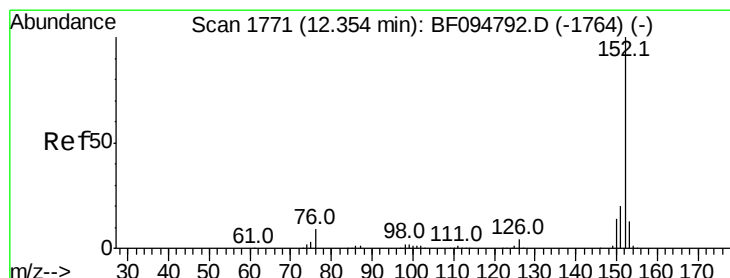
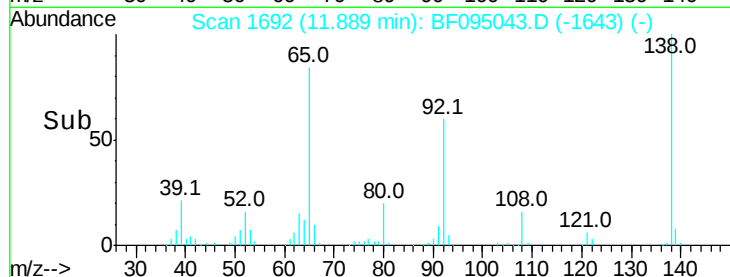
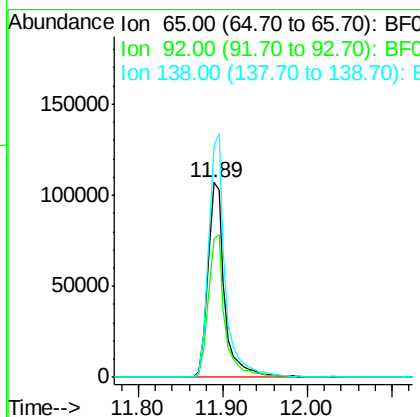
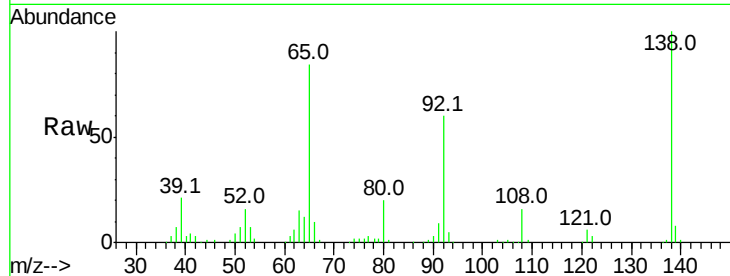
#47
 2-Nitroaniline
 Concen: 49.58 ng
 RT: 11.89 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BF095043.D
 Acq: 10 May 2017 2:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-8-9-COMPMS

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.1	53.9	80.9
138	118.8	78.8	118.2#

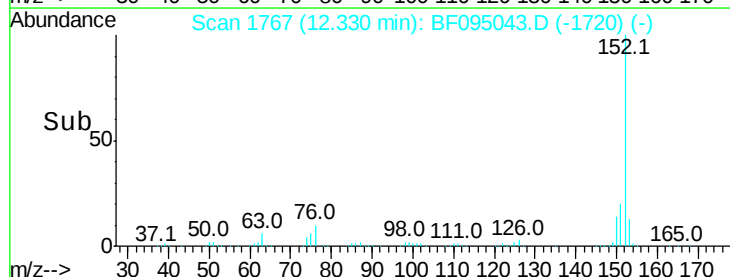
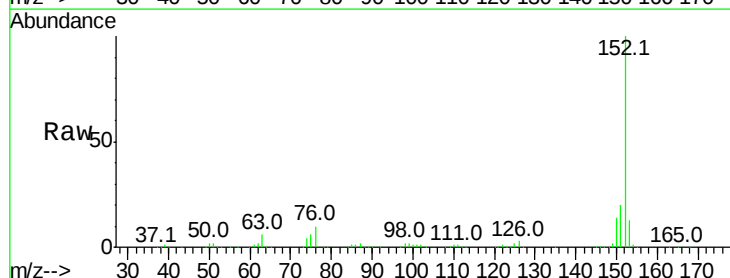
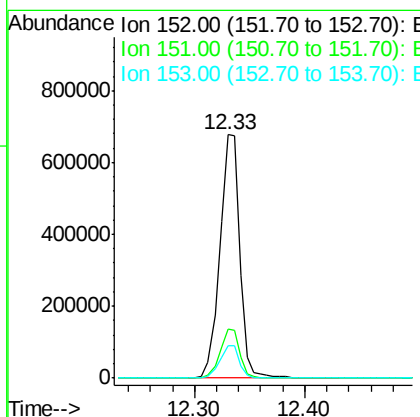
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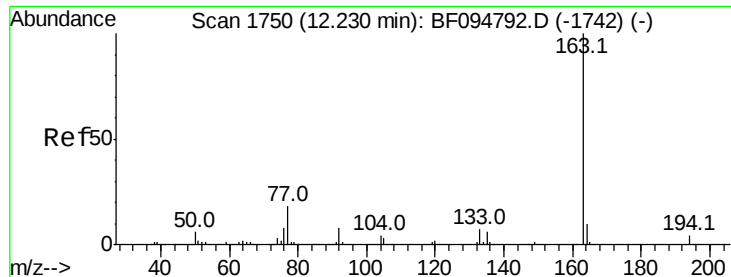
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#48
 Acenaphthylene
 Concen: 48.92 ng
 RT: 12.33 min Scan# 1767
 Delta R.T. -0.02 min
 Lab File: BF095043.D
 Acq: 10 May 2017 2:32

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	13.3	10.8	16.2





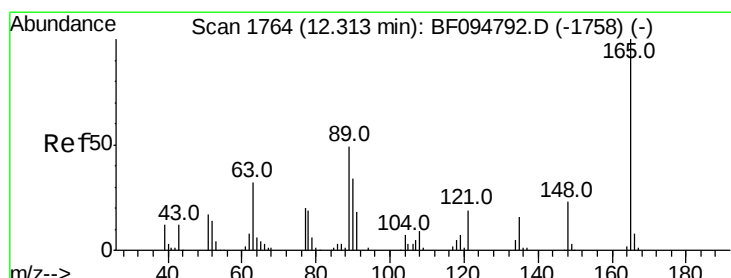
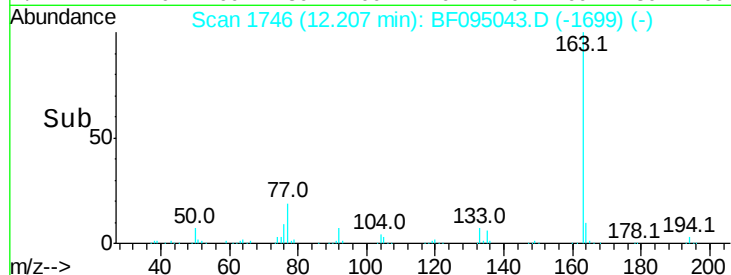
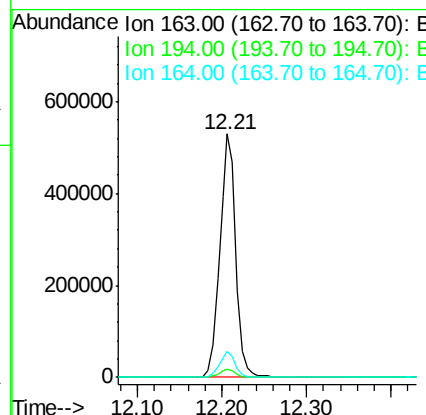
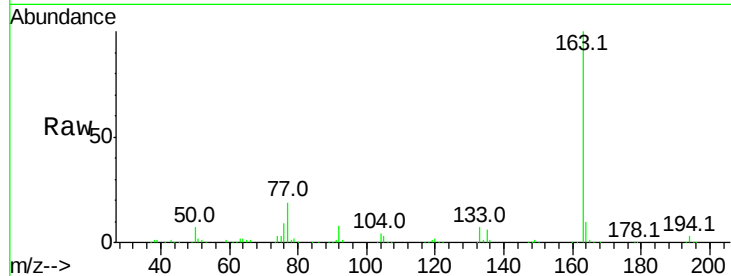
#49
Dimethylphthalate
Concen: 52.49 ng
RT: 12.21 min Scan# 1746
Delta R.T. -0.02 min
Lab File: BF095043.D
Acq: 10 May 2017 2:32

Instrument :
BNA_F
ClientSampleId :
TP-7-8-9-COMPMS

Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.3	2.6	4.0
164	10.5	8.4	12.6

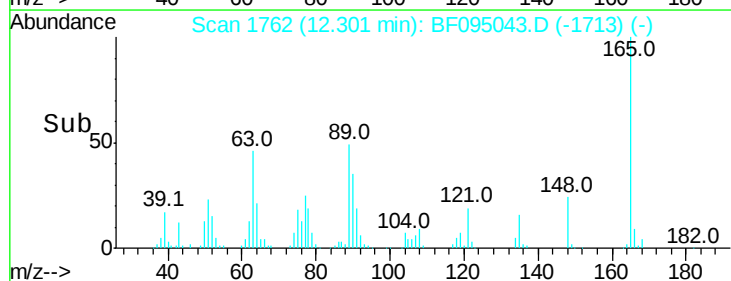
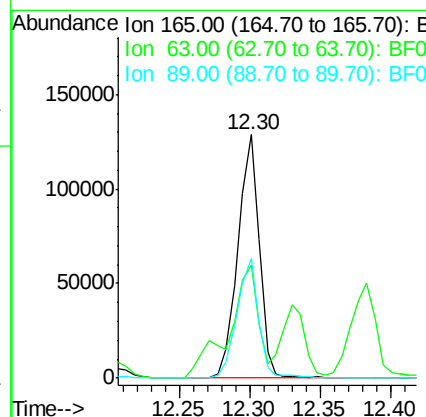
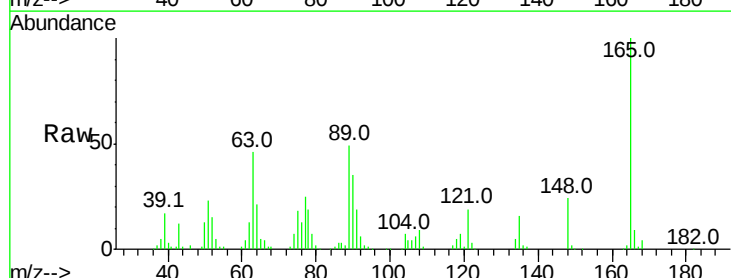
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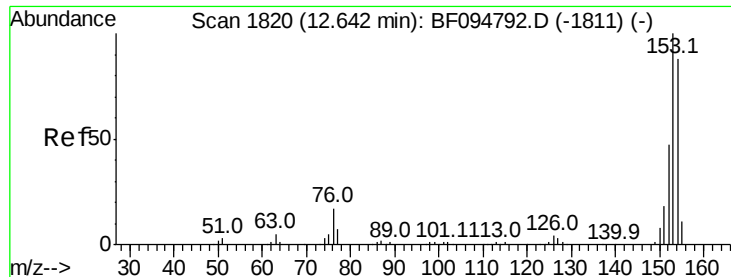
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#50
2,6-Dinitrotoluene
Concen: 49.99 ng
RT: 12.30 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BF095043.D
Acq: 10 May 2017 2:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	46.5	34.3	51.5
89	49.1	37.1	55.7





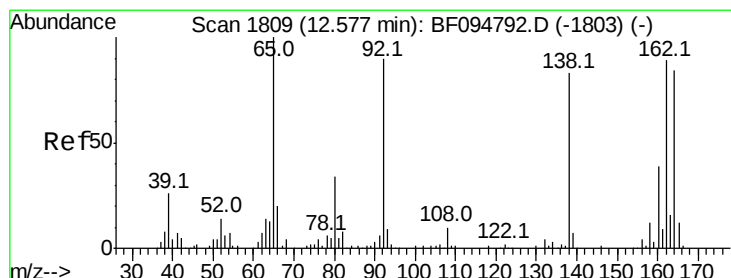
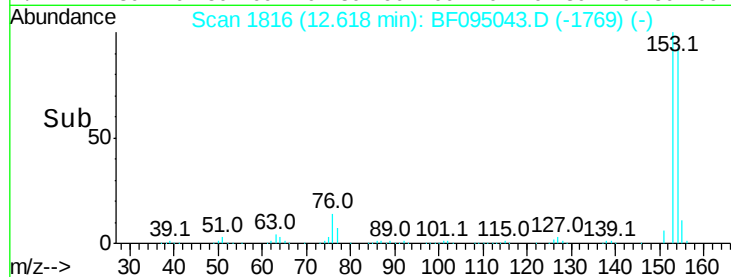
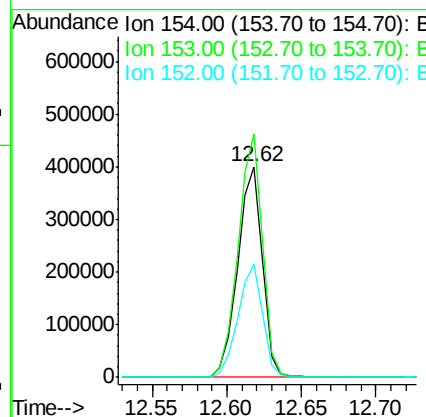
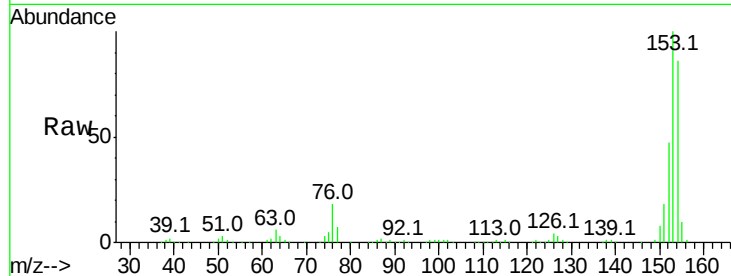
#51
Acenaphthene
Concen: 44.81 ng
RT: 12.62 min Scan# 1816
Delta R.T. -0.02 min
Lab File: BF095043.D
Acq: 10 May 2017 2:32

Instrument :
BNA_F
ClientSampleId :
TP-7-8-9-COMPMS

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.7	90.5	135.7
152	53.9	43.6	65.4

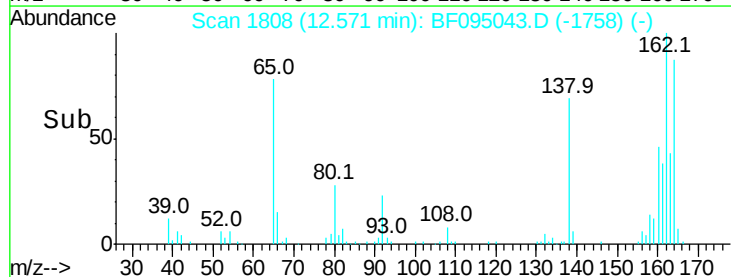
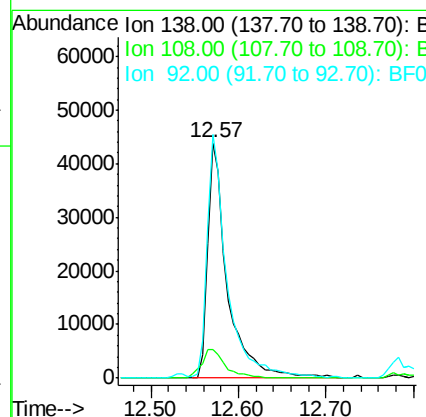
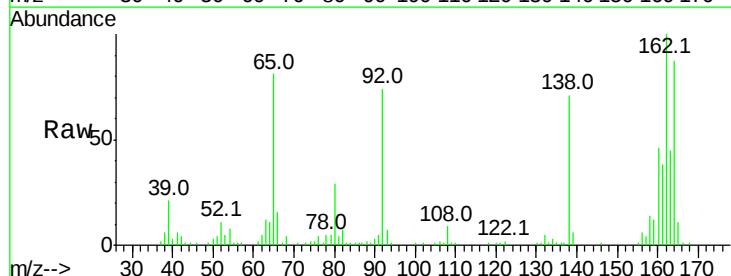
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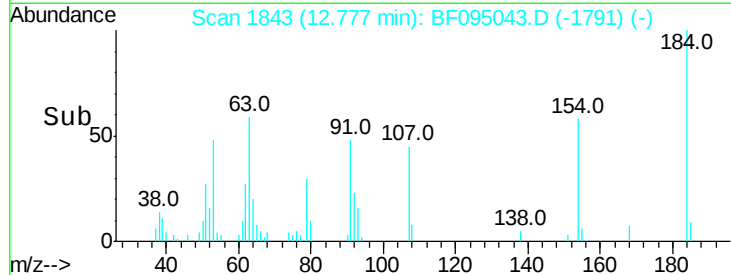
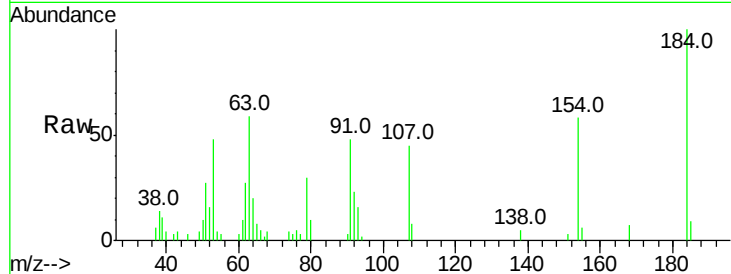
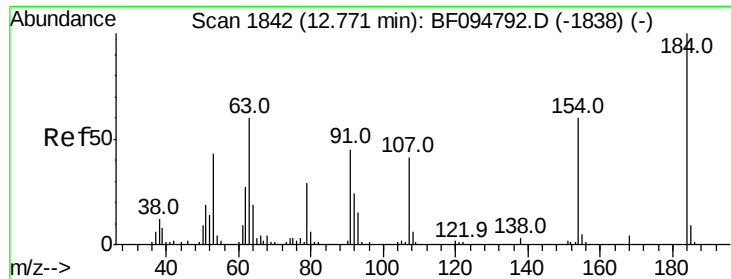
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#52
3-Nitroaniline
Concen: 23.51 ng
RT: 12.57 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF095043.D
Acq: 10 May 2017 2:32

Tgt Ion	Ratio	Lower	Upper
138	100		
108	12.4	9.1	13.7
92	103.7	93.8	140.6





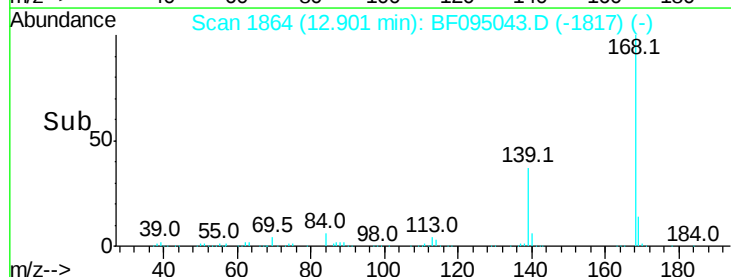
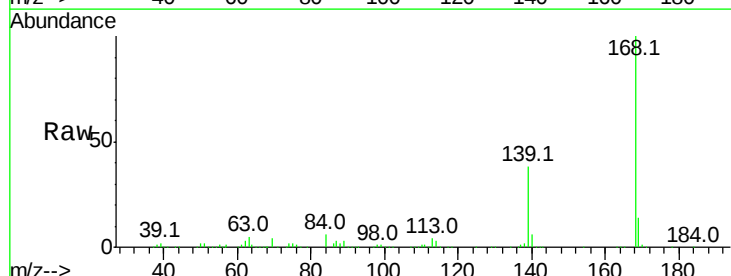
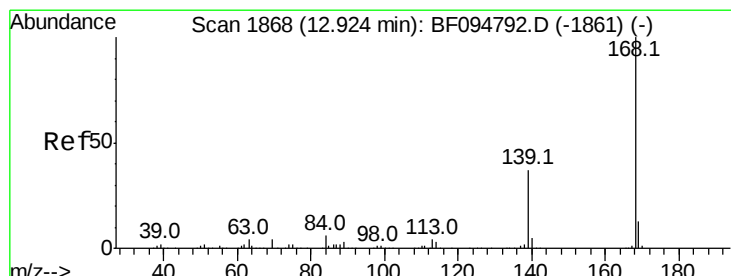
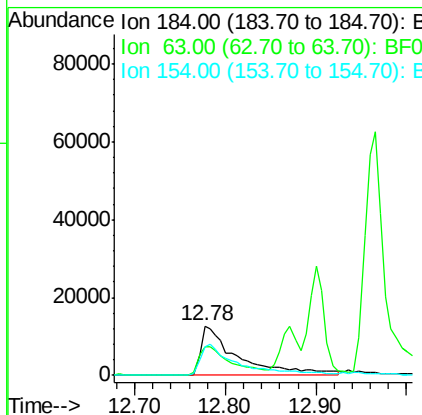
#53
2,4-Dinitrophenol
Concen: 28.18 ng
RT: 12.78 min Scan# 1843
Delta R.T. 0.01 min
Lab File: BF095043.D
Acq: 10 May 2017 2:32

Instrument :
BNA_F
ClientSampleId :
TP-7-8-9-COMPMS

Tot Ion:184 Resp: 35733
Ion Ratio Lower Upper
184 100
63 59.3 62.7 94.1#
154 58.3 81.1 121.7#

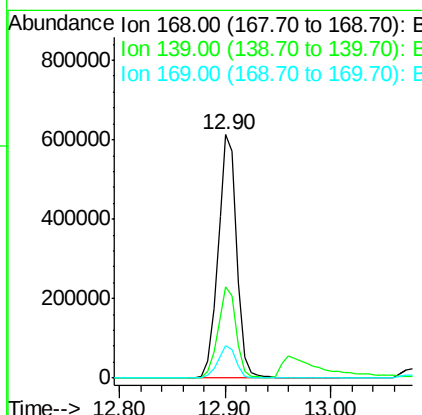
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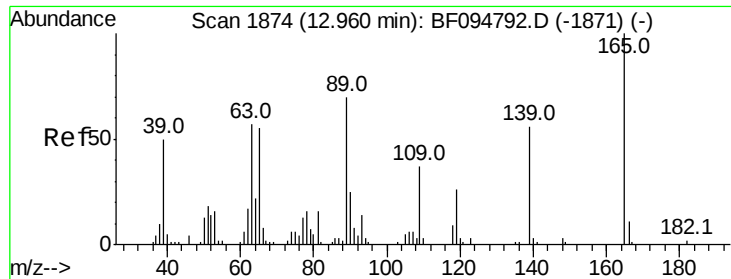
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#54
Dibenzofuran
Concen: 52.84 ng
RT: 12.90 min Scan# 1864
Delta R.T. -0.02 min
Lab File: BF095043.D
Acq: 10 May 2017 2:32

Tgt Ion:168 Resp: 757052
Ion Ratio Lower Upper
168 100
139 37.6 30.6 45.8
169 13.6 10.8 16.2





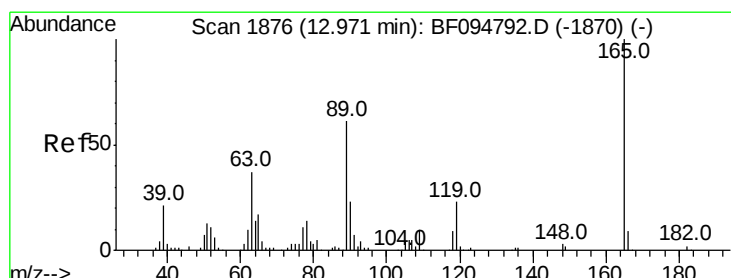
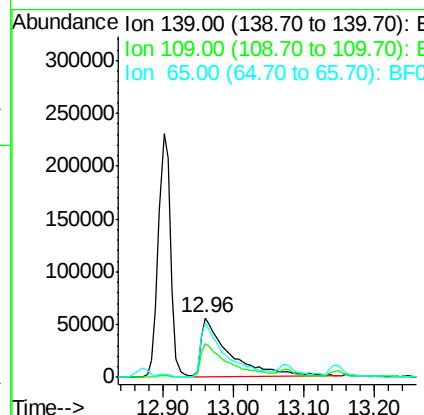
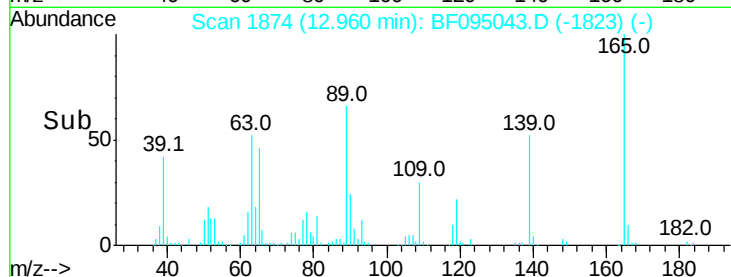
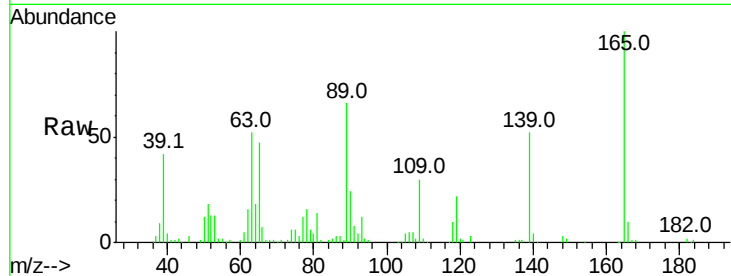
#55
4-Nitrophenol
Concen: 90.55 ng
RT: 12.96 min Scan# 1874
Delta R.T. -0.00 min
Lab File: BF095043.D
Acq: 10 May 2017 2:32

Instrument :
BNA_F
ClientSampleId :
TP-7-8-9-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	57.3	34.1	74.1	
65	90.4	31.4	71.4	

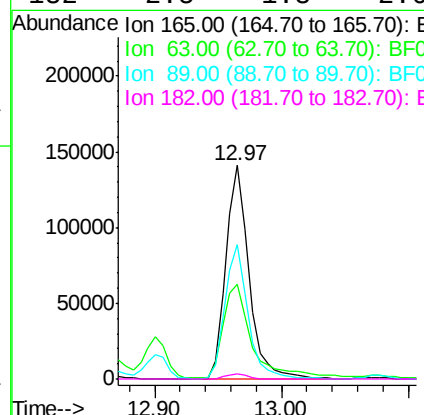
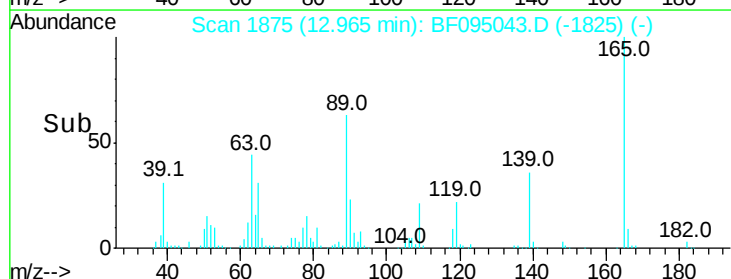
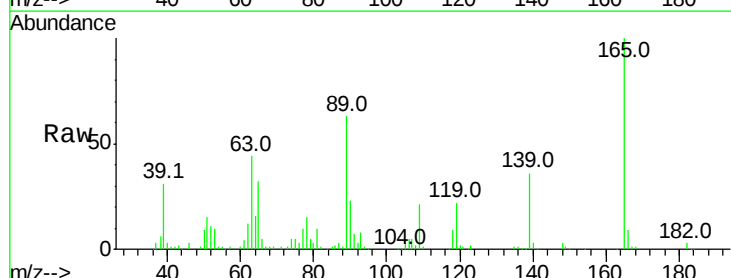
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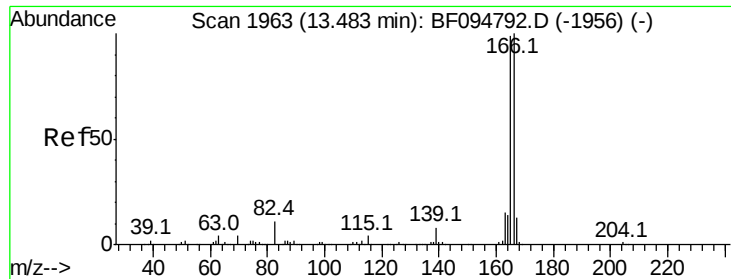
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#56
2,4-Dinitrotoluene
Concen: 51.34 ng
RT: 12.97 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BF095043.D
Acq: 10 May 2017 2:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	44.4	25.4	38.0	
89	62.9	46.4	69.6	
182	2.5	1.8	2.6	





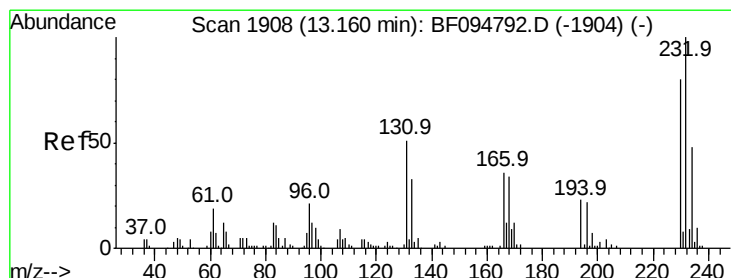
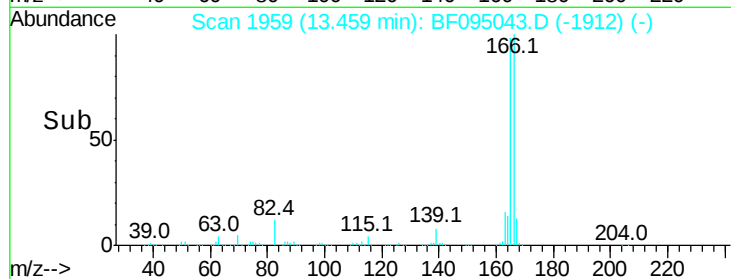
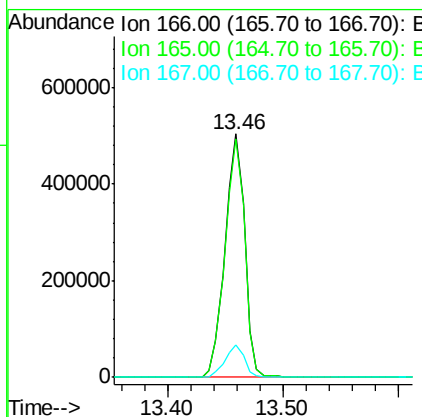
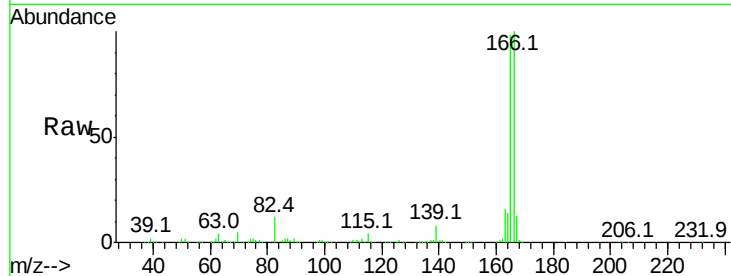
#57
 Fluorene
 Concen: 47.77 ng
 RT: 13.46 min Scan# 1959
 Delta R.T. -0.02 min
 Lab File: BF095043.D
 Acq: 10 May 2017 2:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-8-9-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	595099		
165	97.9		78.8	118.2
167	13.3		10.6	16.0

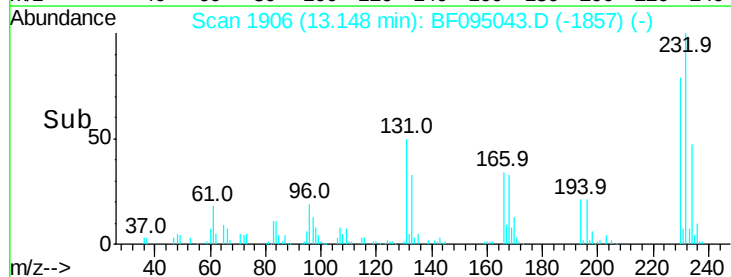
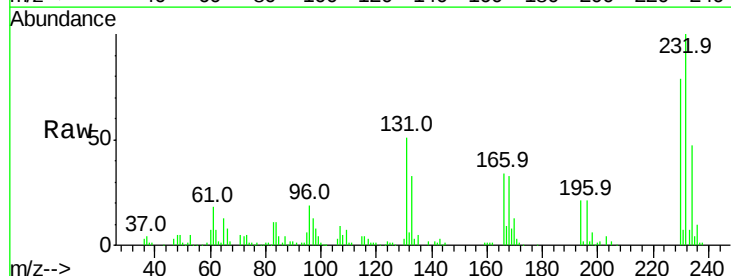
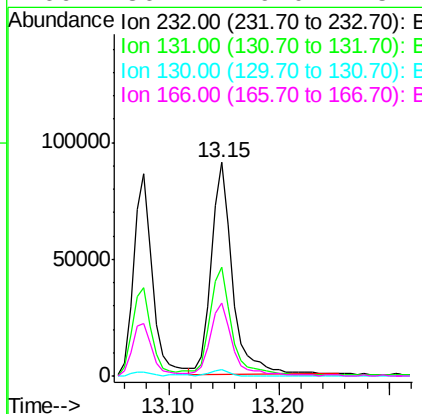
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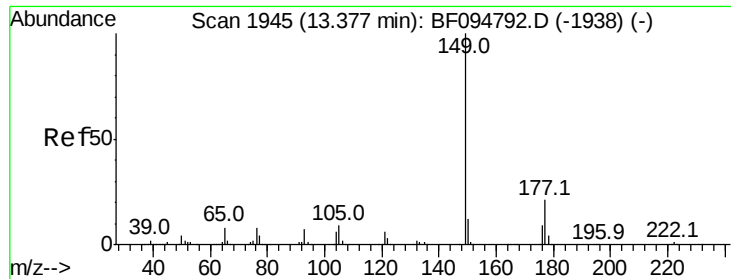
mohammad
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 53.48 ng
 RT: 13.15 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BF095043.D
 Acq: 10 May 2017 2:32

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	120909		
131	51.5		44.8	67.2
130	2.5		2.3	3.5
166	36.4		29.0	43.4





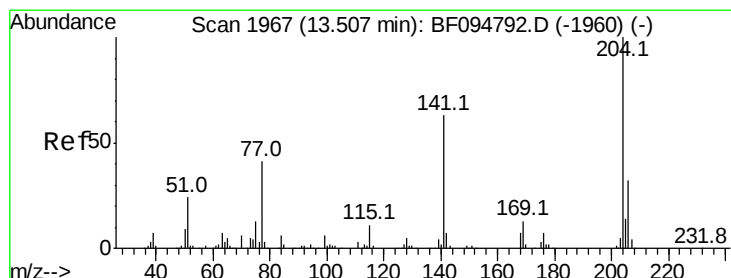
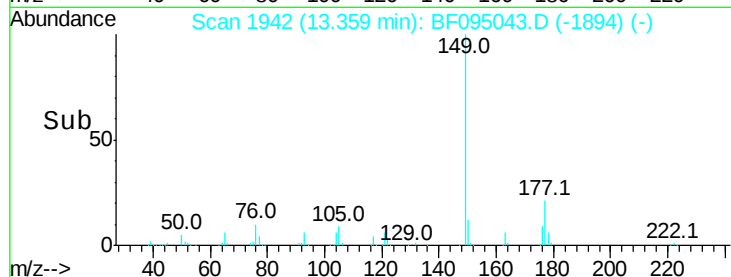
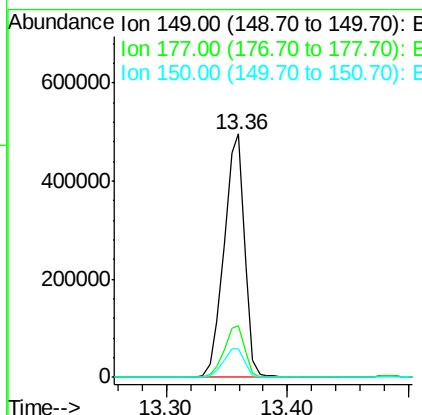
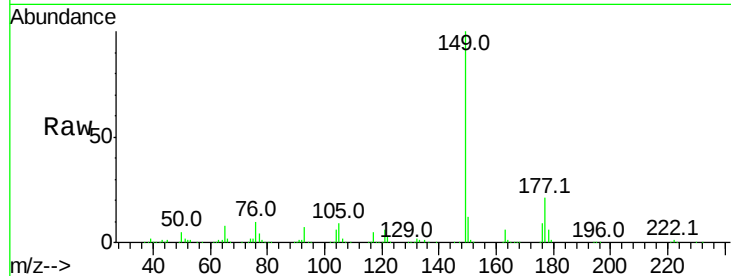
#59
Diethylphthalate
Concen: 45.38 ng
RT: 13.36 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BF095043.D
Acq: 10 May 2017 2:32

Instrument :
BNA_F
ClientSampleId :
TP-7-8-9-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	581292		
177	21.3	16.7	25.1	
150	12.0	10.2	15.2	

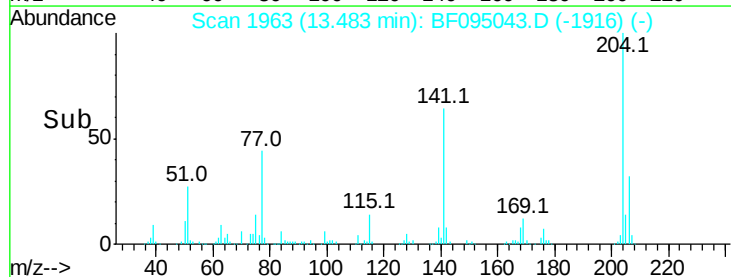
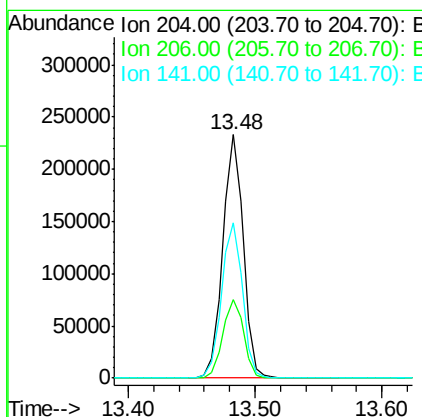
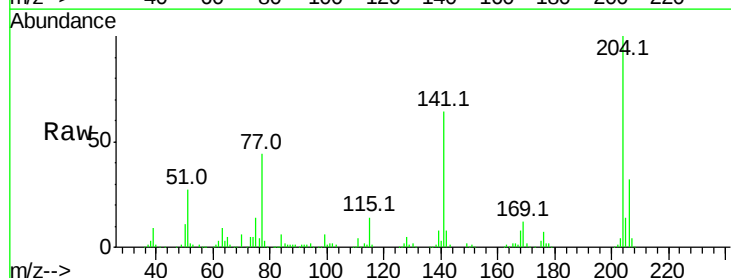
Manual Integrations
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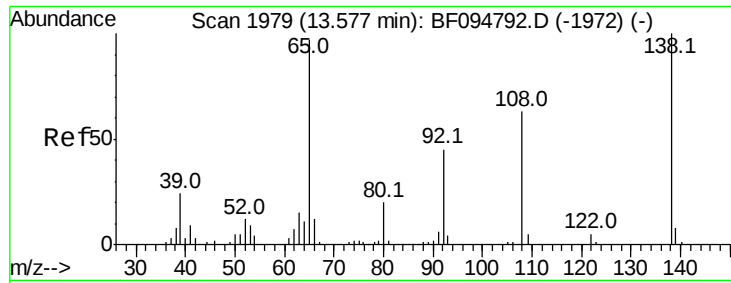
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 47.59 ng
RT: 13.48 min Scan# 1963
Delta R.T. -0.02 min
Lab File: BF095043.D
Acq: 10 May 2017 2:32

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	260580		
206	32.4	26.2	39.2	
141	63.8	60.8	91.2	





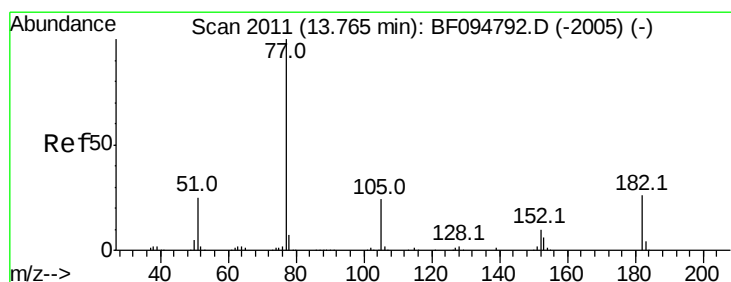
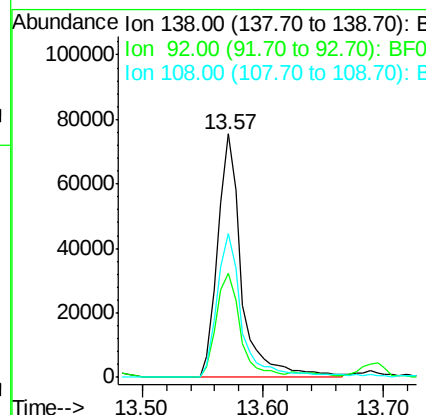
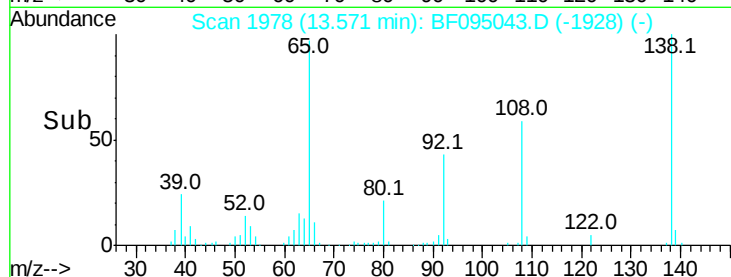
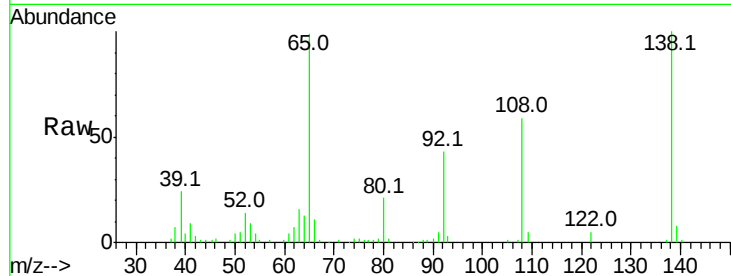
#61
4-Nitroaniline
Concen: 38.46 ng
RT: 13.57 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BF095043.D
Acq: 10 May 2017 2:32

Instrument :
BNA_F
ClientSampleId :
TP-7-8-9-COMPMS

Tot Ion	Ratio	Lower	Upper
138	100		
92	42.9	21.8	61.8
108	58.9	42.3	82.3

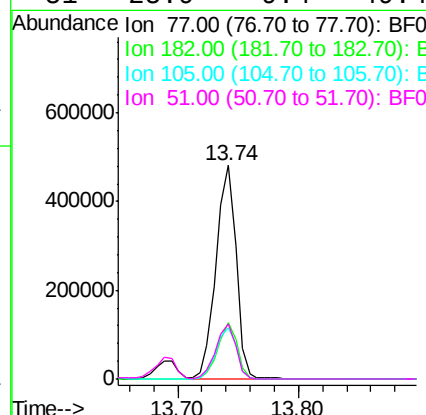
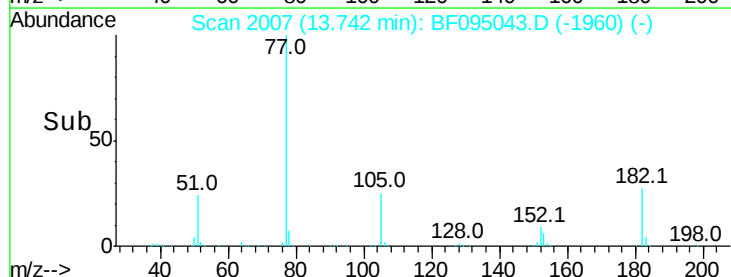
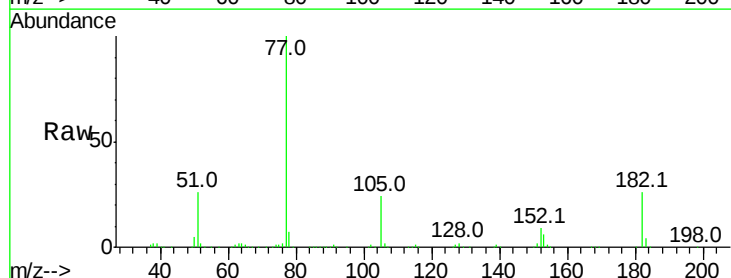
Manual Integrations
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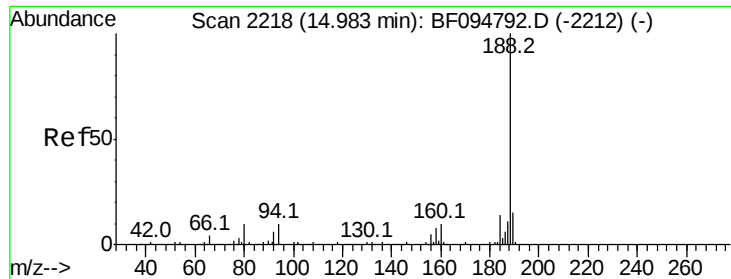
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#62
Azobenzene
Concen: 53.40 ng
RT: 13.74 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF095043.D
Acq: 10 May 2017 2:32

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.4	0.1	40.1
105	24.1	3.6	43.6
51	25.9	9.4	49.4





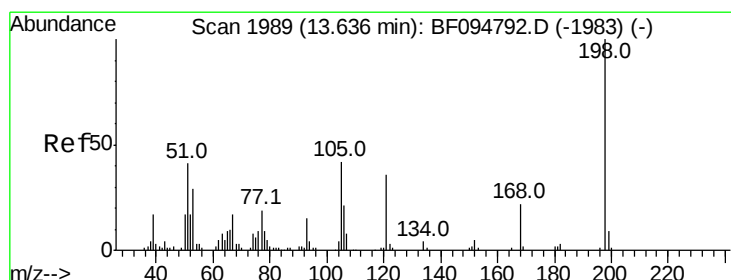
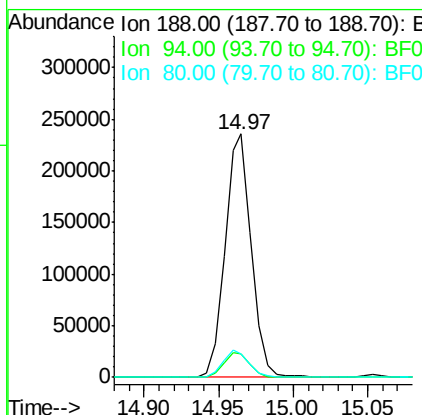
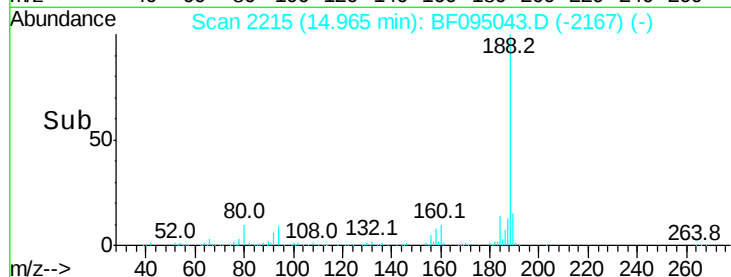
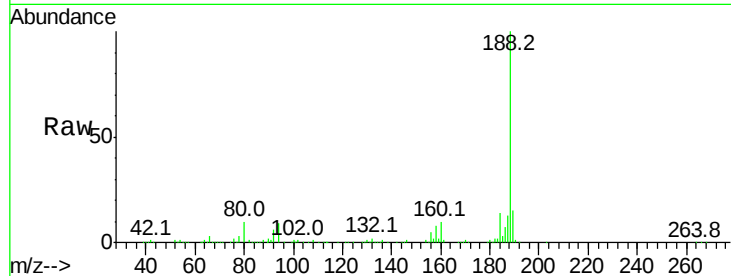
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF095043.D
Acq: 10 May 2017 2:32

Instrument :
BNA_F
ClientSampleId :
TP-7-8-9-COMPMS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.4	9.4	14.2#
80	9.8	10.2	15.2#

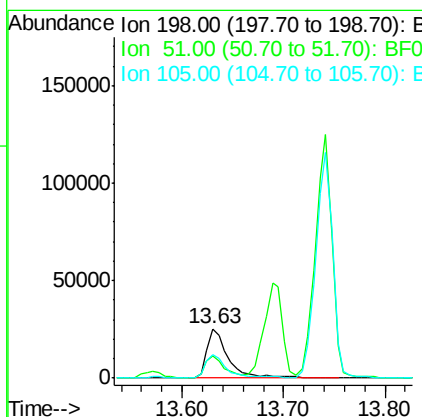
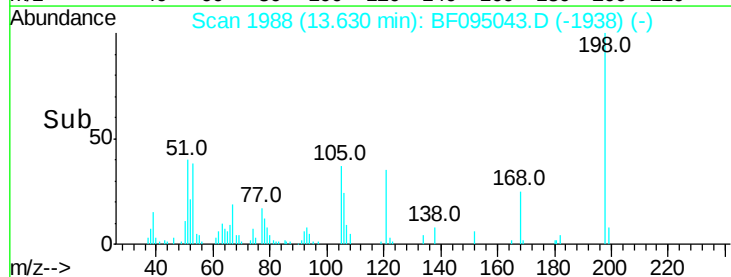
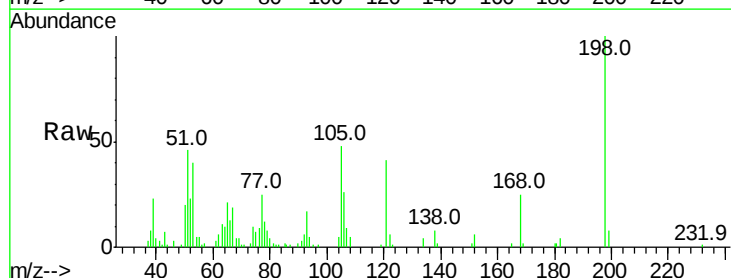
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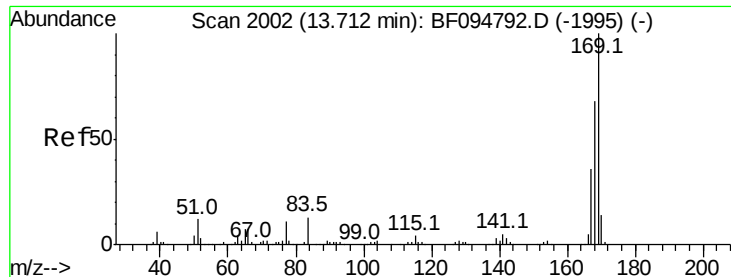
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#64
4,6-Dinitro-2-methylphenol
Concen: 19.04 ng
RT: 13.63 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF095043.D
Acq: 10 May 2017 2:32

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	45.5	53.2	93.2#
105	48.1	45.8	85.8





#65

n-Nitrosodiphenylamine

Concen: 47.73 ng

RT: 13.69 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF095043.D

Acq: 10 May 2017 2:32

Instrument :

BNA_F

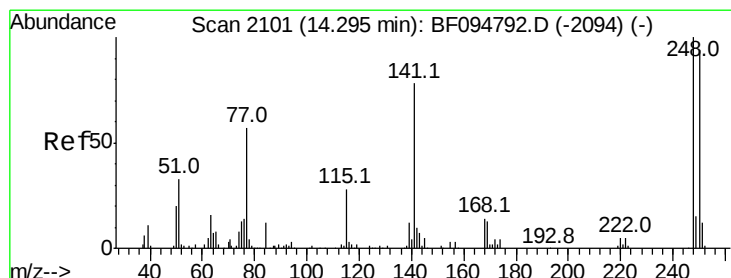
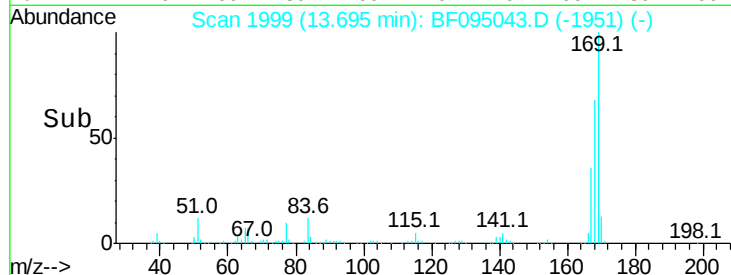
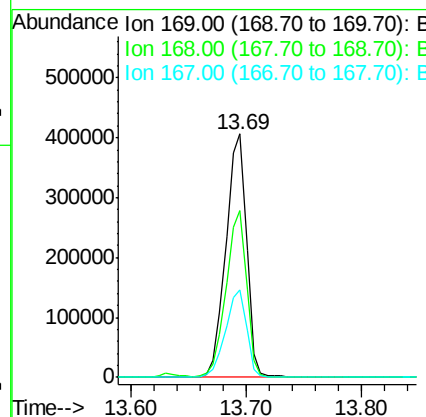
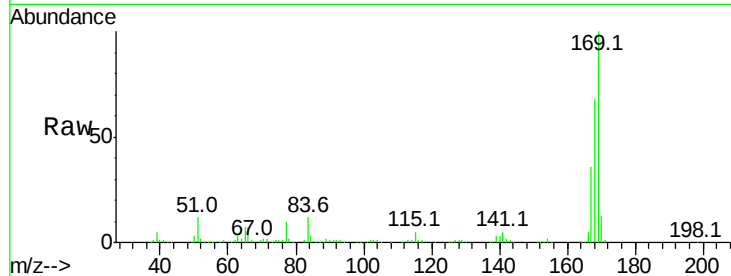
ClientSampleId :

TP-7-8-9-COMPMS

Tot Ion:	169	Resp:	503327
Ion Ratio	Lower	Upper	
169	100		
168	68.3	53.2	79.8
167	36.1	29.5	44.3

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#66

4-Bromophenyl-phenylether

Concen: 48.04 ng

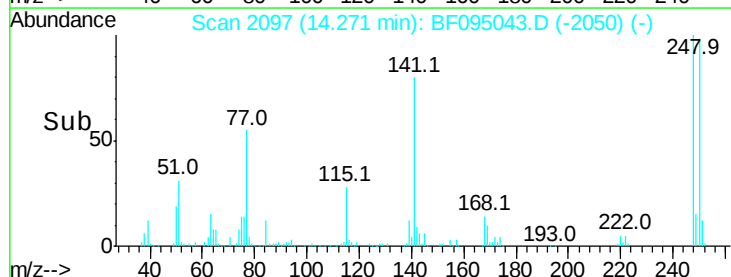
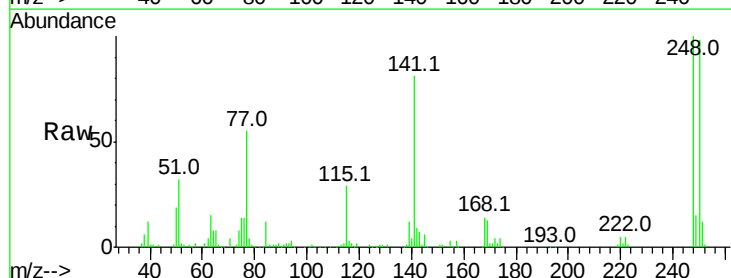
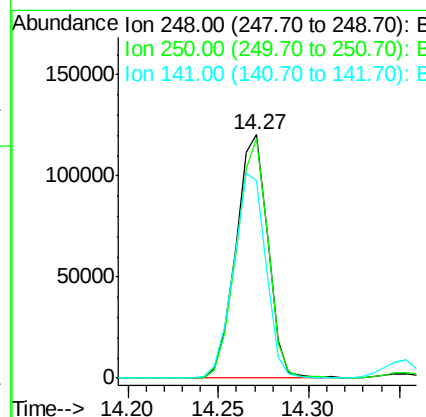
RT: 14.27 min Scan# 2097

Delta R.T. -0.02 min

Lab File: BF095043.D

Acq: 10 May 2017 2:32

Tgt Ion:	248	Resp:	147490
Ion Ratio	Lower	Upper	
248	100		
250	98.5	76.8	115.2
141	81.0	68.6	103.0





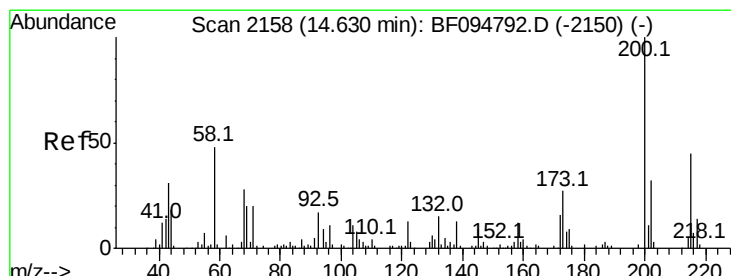
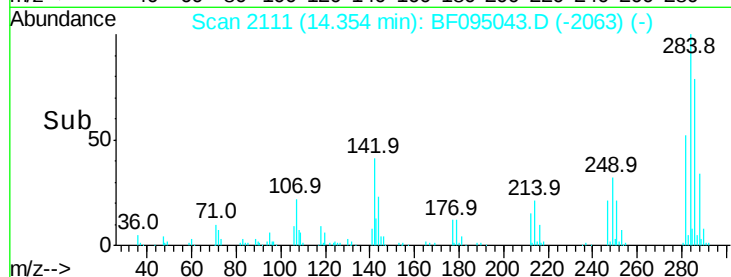
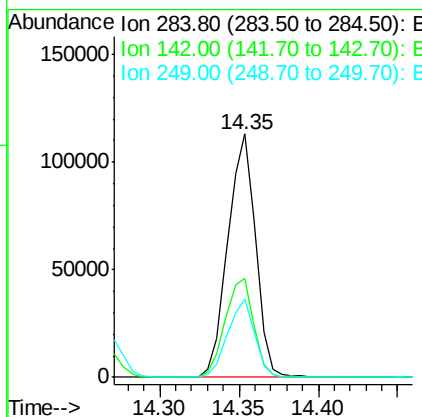
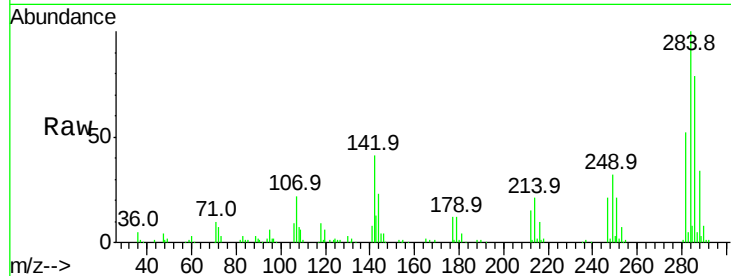
#67
Hexachlorobenzene
Concen: 43.57 ng
RT: 14.35 min Scan# 2111
Delta R.T. -0.02 min
Lab File: BF095043.D
Acq: 10 May 2017 2:32

Instrument :
BNA_F
ClientSampleId :
TP-7-8-9-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	40.7	22.8	34.2	
249	32.3	24.0	36.0	

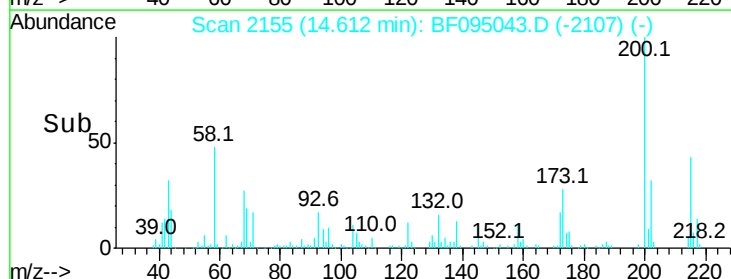
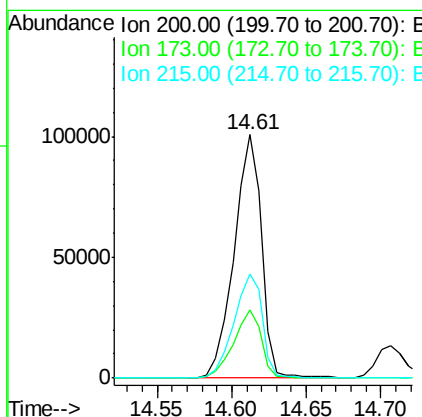
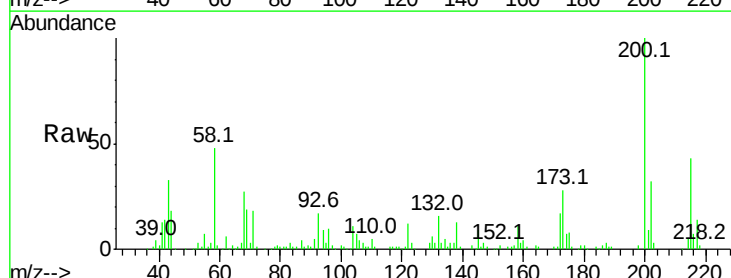
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#68
Atrazine
Concen: 43.27 ng
RT: 14.61 min Scan# 2155
Delta R.T. -0.02 min
Lab File: BF095043.D
Acq: 10 May 2017 2:32

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.3	6.3	46.3	
215	42.9	27.2	67.2	





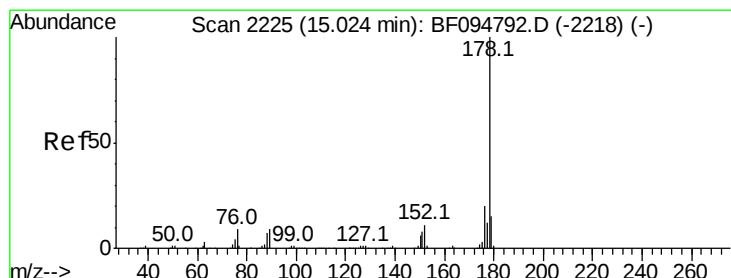
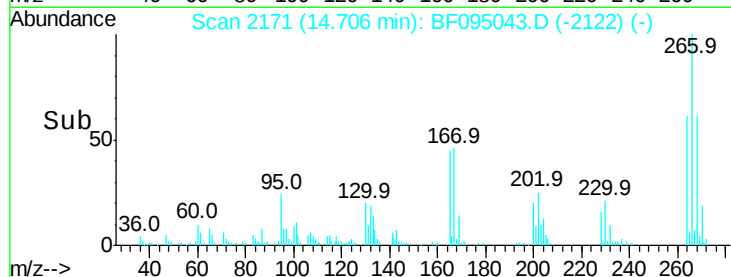
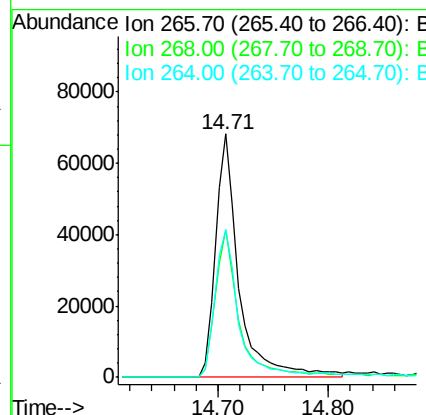
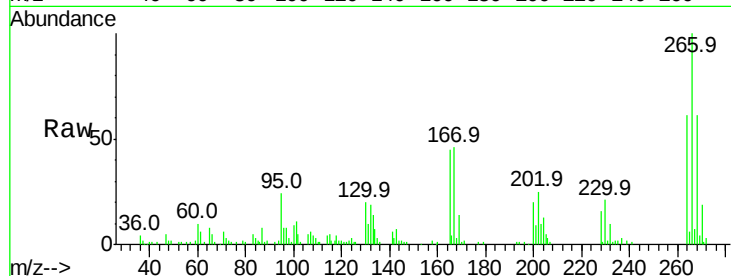
#69
 Pentachlorophenol
 Concen: 70.70 ng
 RT: 14.71 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BF095043.D
 Acq: 10 May 2017 2:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-8-9-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	60.7	51.1	76.7	
264	60.8	51.7	77.5	

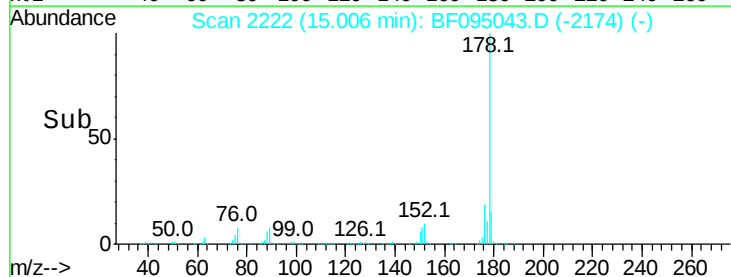
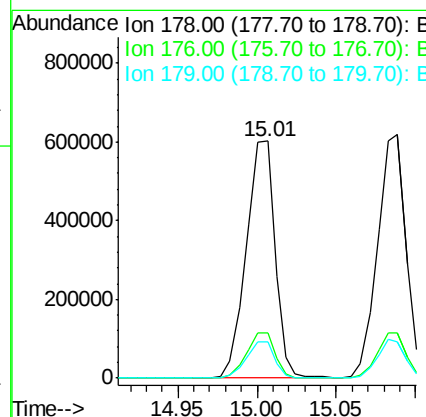
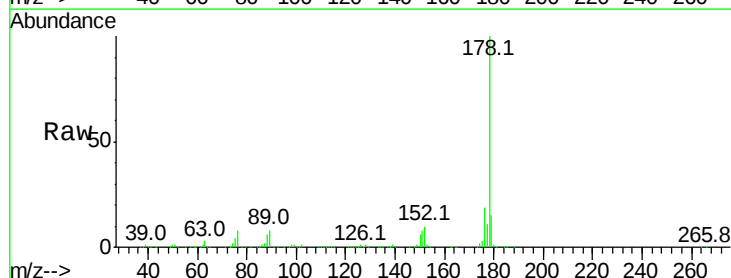
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#70
 Phenanthrene
 Concen: 45.74 ng
 RT: 15.01 min Scan# 2222
 Delta R.T. -0.02 min
 Lab File: BF095043.D
 Acq: 10 May 2017 2:32

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.2	16.2	24.4	
179	15.2	12.6	19.0	





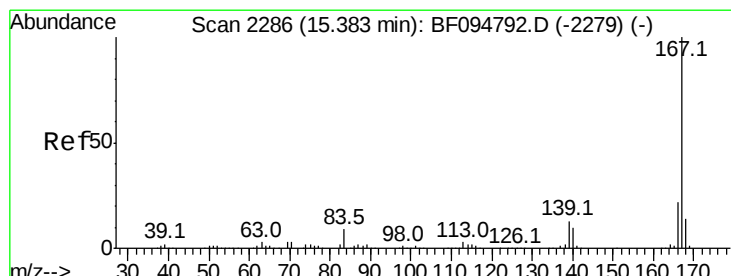
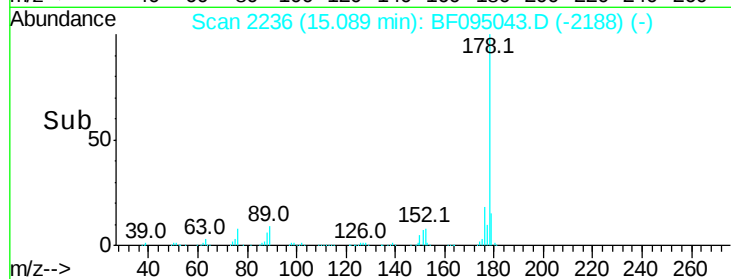
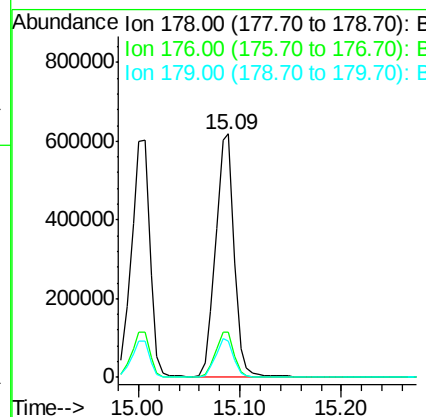
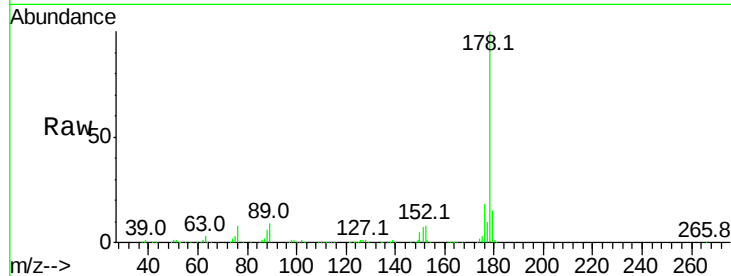
#71
 Anthracene
 Concen: 46.23 ng
 RT: 15.09 min Scan# 2236
 Delta R.T. -0.02 min
 Lab File: BF095043.D
 Acq: 10 May 2017 2:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-8-9-COMPMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	14.9	12.7	19.1

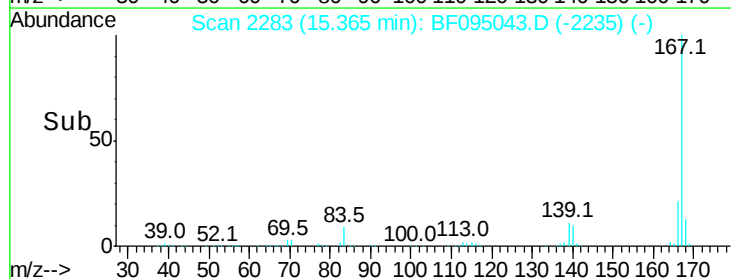
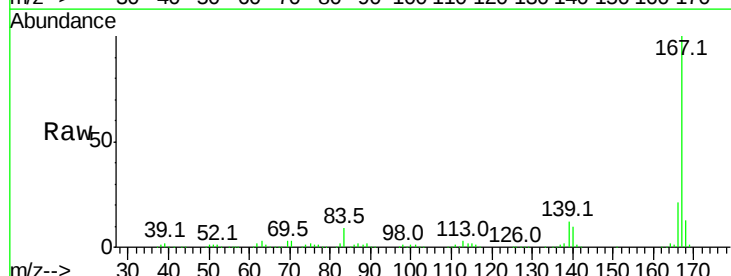
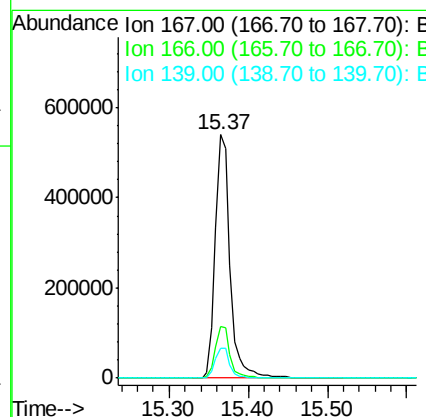
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#72
 Carbazole
 Concen: 45.49 ng
 RT: 15.37 min Scan# 2283
 Delta R.T. -0.02 min
 Lab File: BF095043.D
 Acq: 10 May 2017 2:32

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	18.1	27.1
139	12.5	11.7	17.5





#73

Di-n-butylphthalate

Concen: 46.96 ng

RT: 15.94 min Scan# 2380

Delta R.T. -0.02 min

Lab File: BF095043.D

Acq: 10 May 2017 2:32

Instrument :

BNA_F

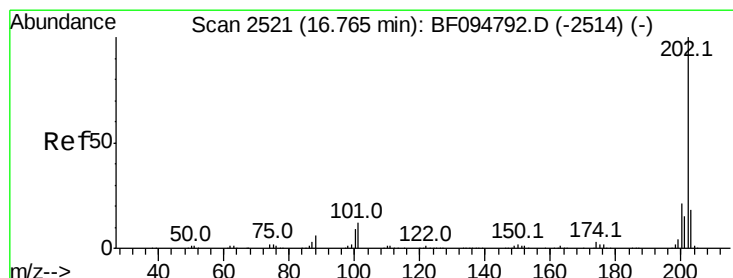
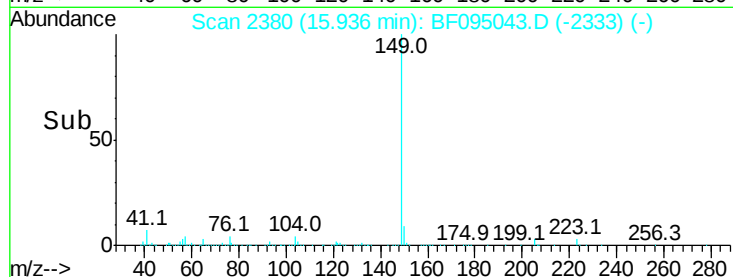
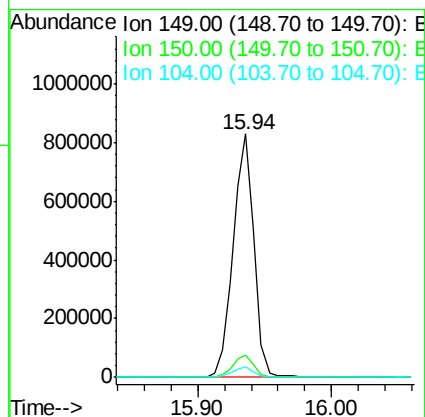
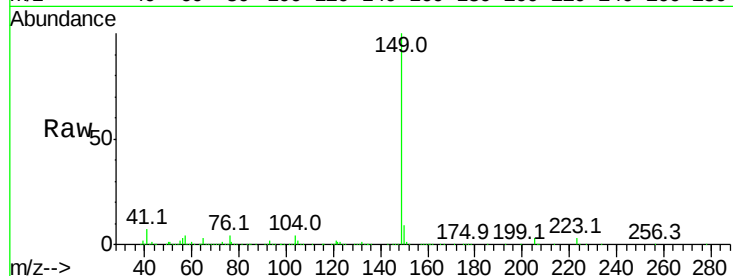
ClientSampleId :

TP-7-8-9-COMPMS

Tot Ion:	149	Resp:	908629
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.7	11.5
104	4.3	4.0	6.0

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#74

Fluoranthene

Concen: 40.13 ng

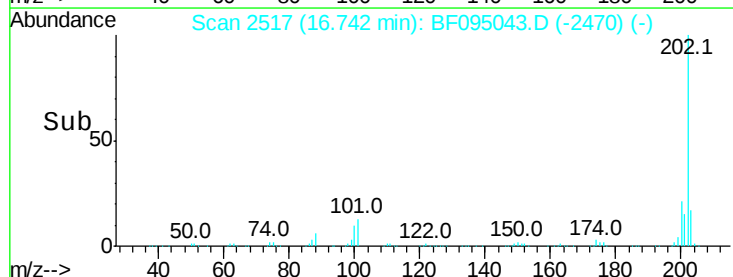
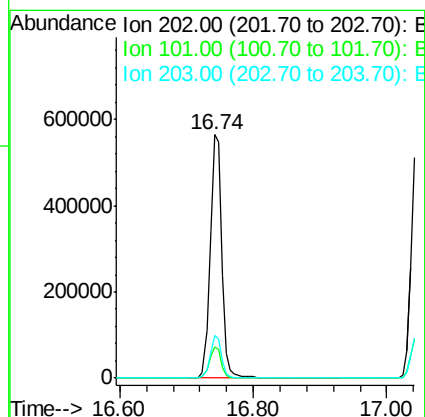
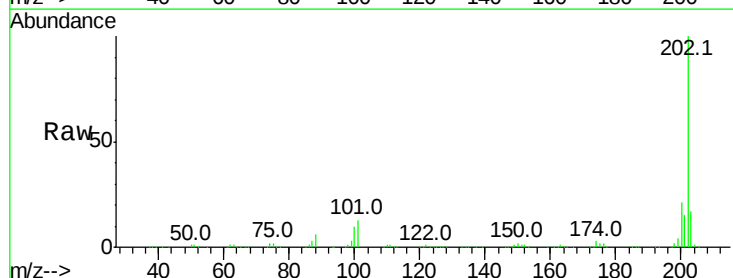
RT: 16.74 min Scan# 2517

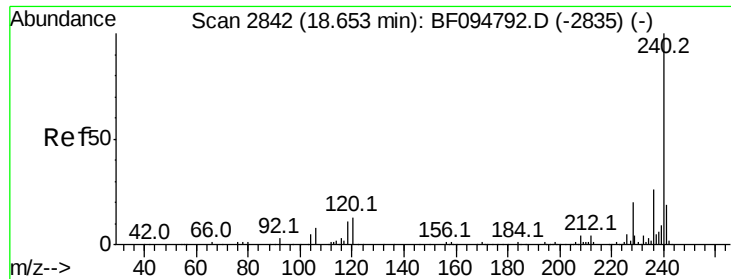
Delta R.T. -0.02 min

Lab File: BF095043.D

Acq: 10 May 2017 2:32

Tgt Ion:	202	Resp:	687296
Ion Ratio	Lower	Upper	
202	100		
101	13.0	0.0	33.2
203	17.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.64 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BF095043.D

Acq: 10 May 2017 2:32

Instrument :

BNA_F

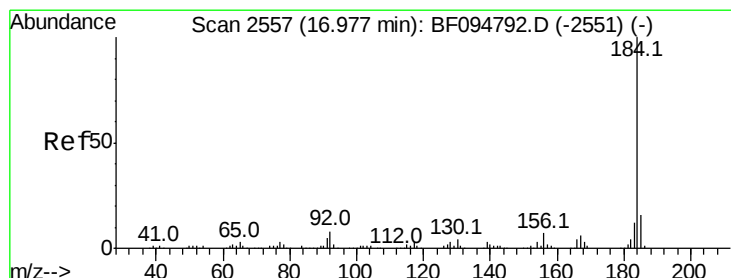
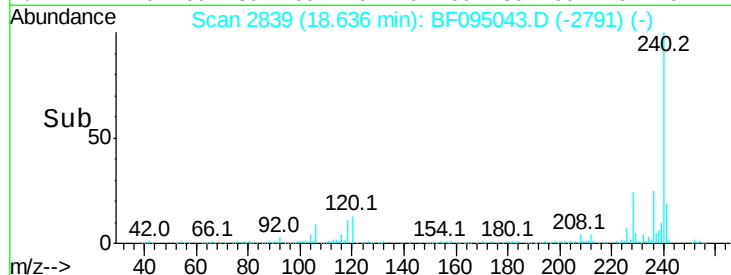
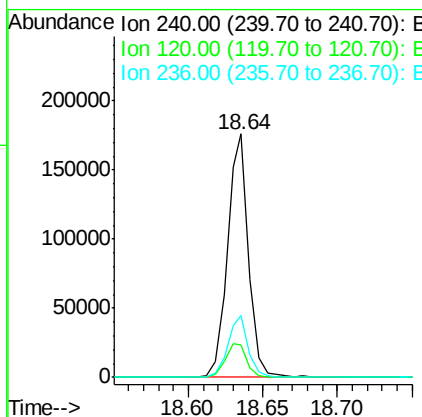
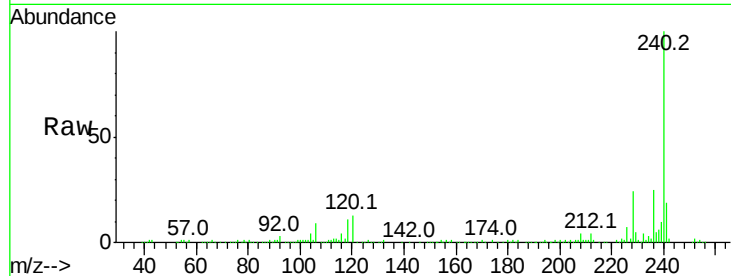
ClientSampleId :

TP-7-8-9-COMPMS

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.2	5.8	8.8#
236	25.4	20.5	30.7

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#76

Benzidine

Concen: 54.74 ng

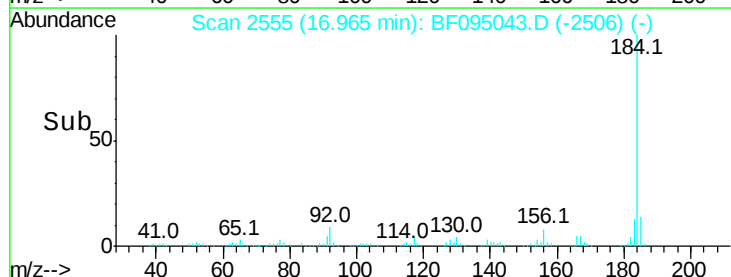
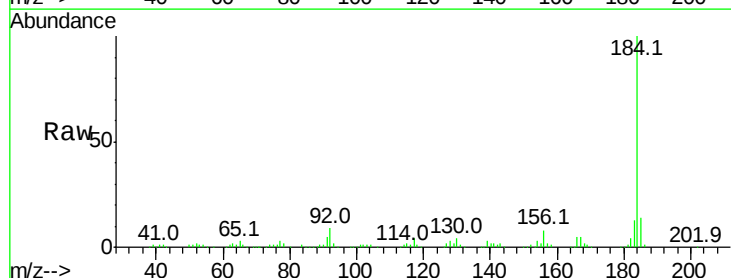
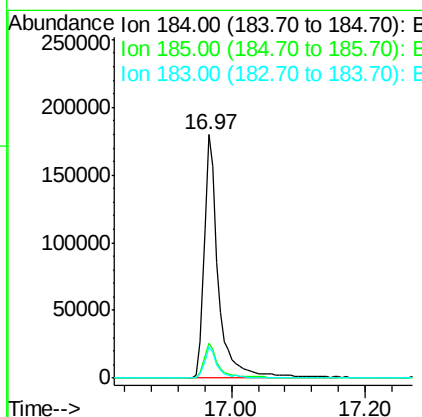
RT: 16.97 min Scan# 2555

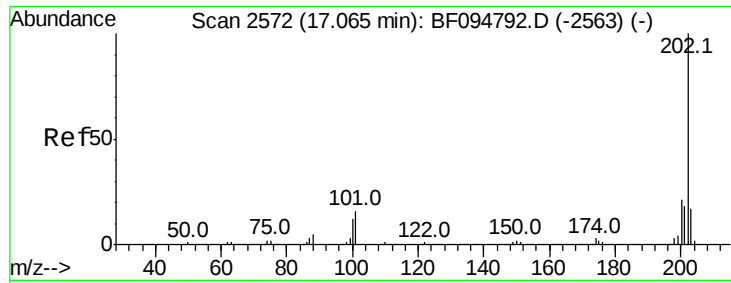
Delta R.T. -0.01 min

Lab File: BF095043.D

Acq: 10 May 2017 2:32

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.2	15.5	23.3#
183	12.6	9.8	14.6





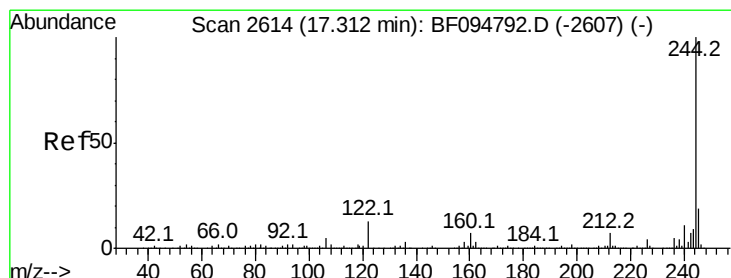
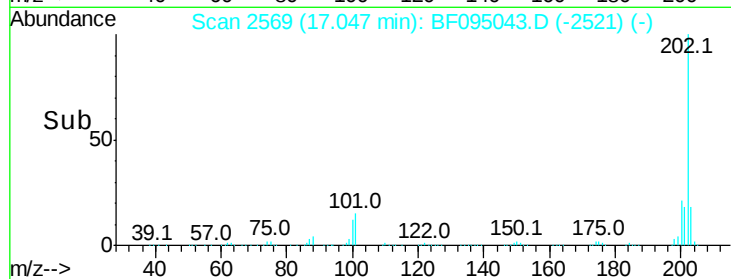
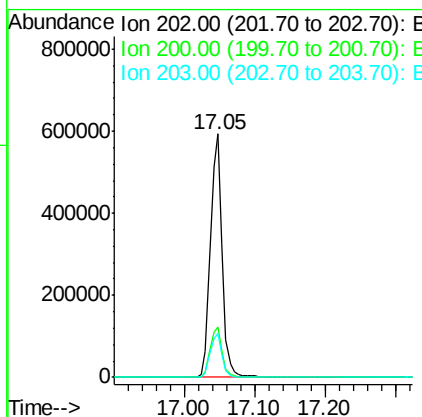
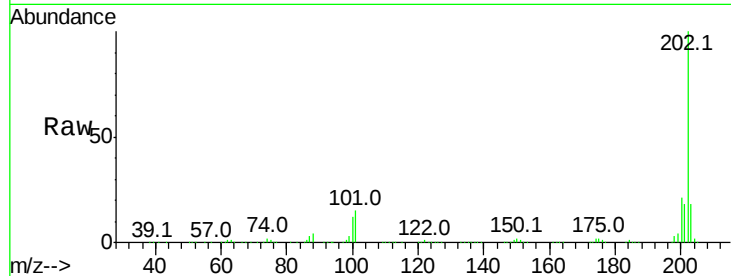
#77
Pvrene
Concen: 52.20 ng
RT: 17.05 min Scan# 2569
Delta R.T. -0.02 min
Lab File: BF095043.D
Acq: 10 May 2017 2:32

Instrument :
BNA_F
ClientSampleId :
TP-7-8-9-COMPMS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.9	17.6	26.4
203	18.1	14.4	21.6

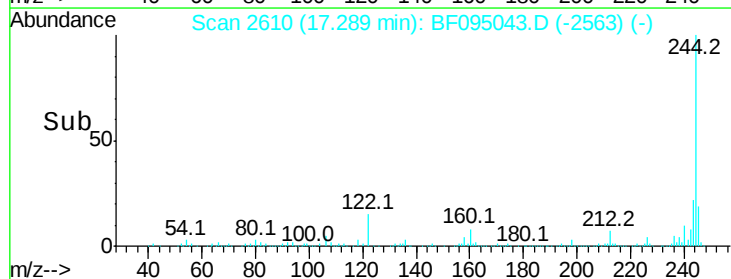
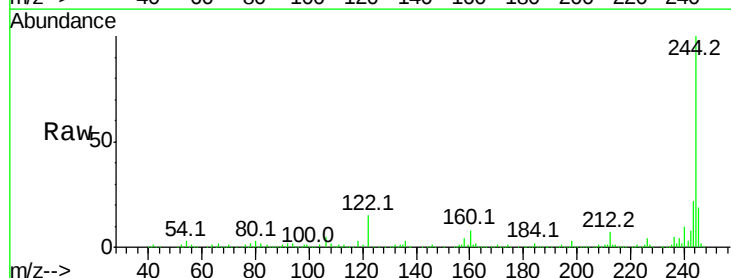
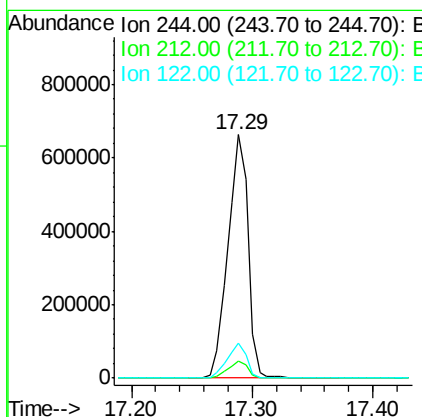
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#78
Terphenyl-d14
Concen: 96.89 ng
RT: 17.29 min Scan# 2610
Delta R.T. -0.02 min
Lab File: BF095043.D
Acq: 10 May 2017 2:32

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.1	6.0	9.0
122	14.6	10.3	15.5





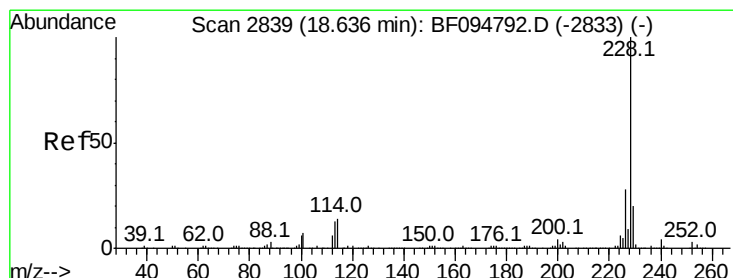
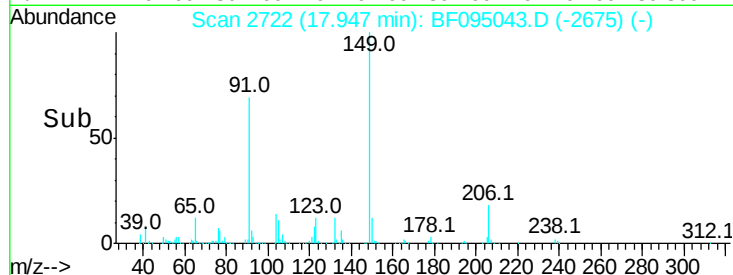
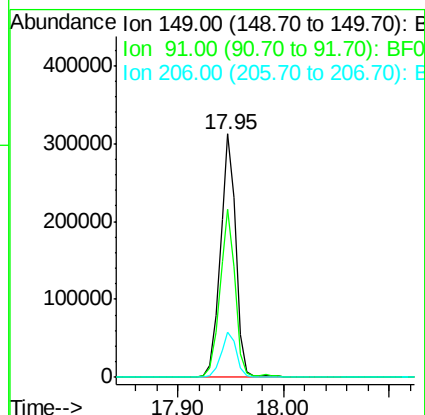
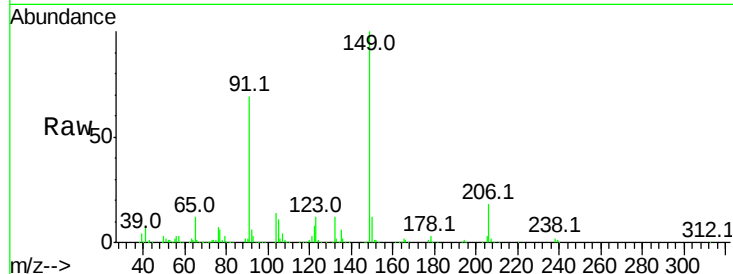
#79
Butylbenzylphthalate
Concen: 53.28 ng
RT: 17.95 min Scan# 2722
Delta R.T. -0.02 min
Lab File: BF095043.D
Acq: 10 May 2017 2:32

Instrument :
BNA_F
ClientSampleId :
TP-7-8-9-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	68.8	45.0	67.4#	
206	18.5	17.0	25.6	

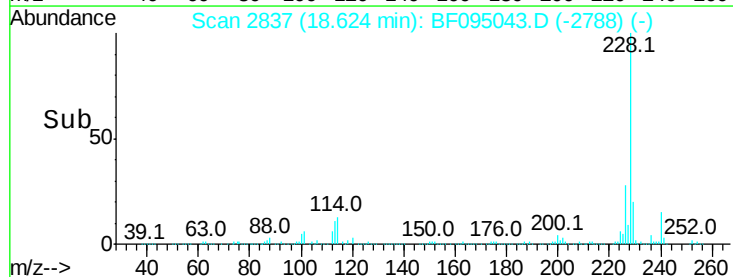
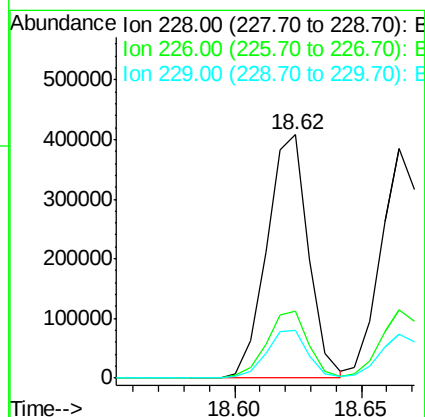
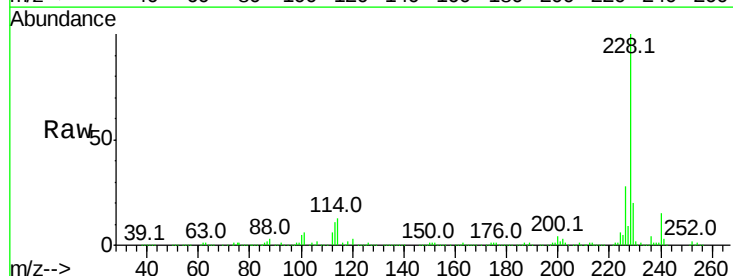
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#80
Benzo(a)anthracene
Concen: 45.78 ng
RT: 18.62 min Scan# 2837
Delta R.T. -0.01 min
Lab File: BF095043.D
Acq: 10 May 2017 2:32

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	27.5	22.6	33.8	
229	19.7	16.3	24.5	





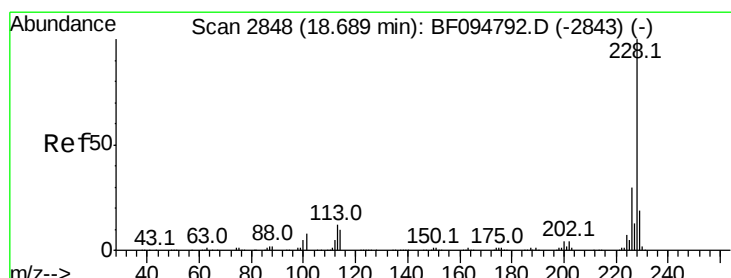
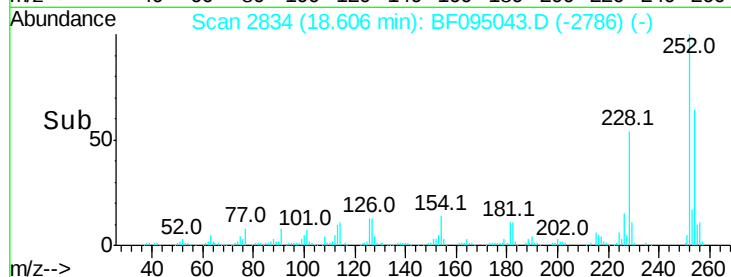
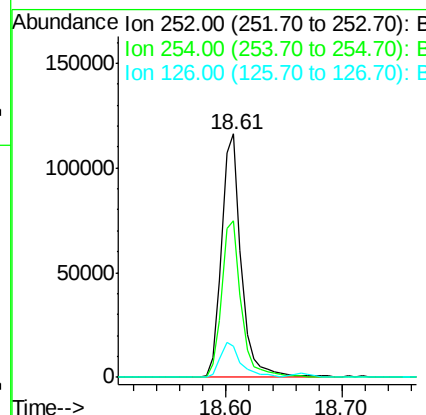
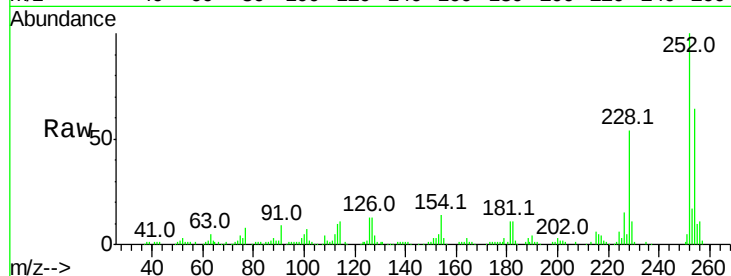
#81
 3,3'-Dichlorobenzidine
 Concen: 39.18 ng
 RT: 18.61 min Scan# 2834
 Delta R.T. -0.02 min
 Lab File: BF095043.D
 Acq: 10 May 2017 2:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-8-9-COMPMS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.5	77.3
126	12.8	15.8	23.8

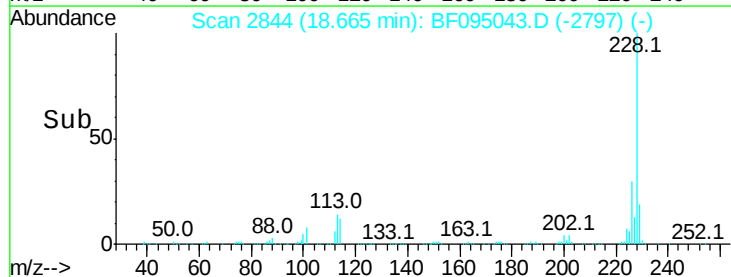
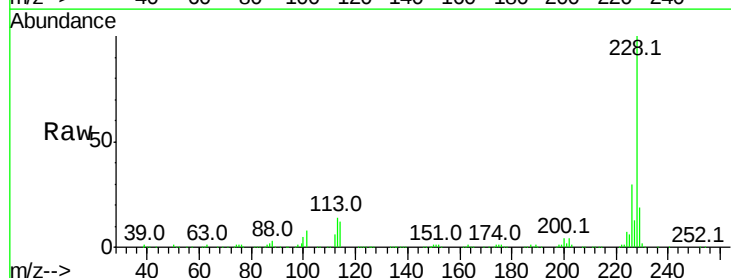
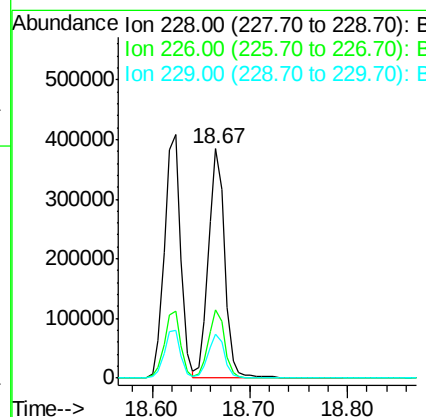
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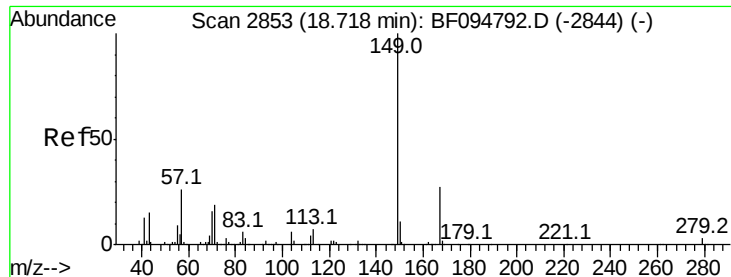
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#82
 Chrysene
 Concen: 44.98 ng
 RT: 18.67 min Scan# 2844
 Delta R.T. -0.02 min
 Lab File: BF095043.D
 Acq: 10 May 2017 2:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.9	37.3
229	19.3	15.8	23.6





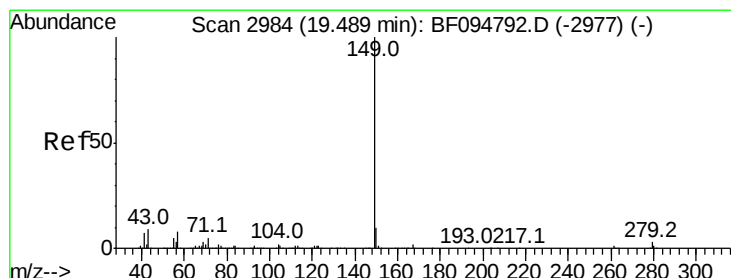
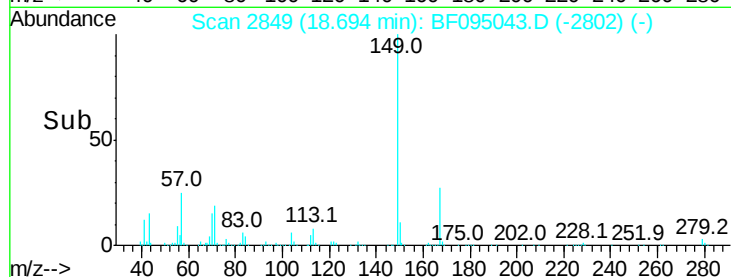
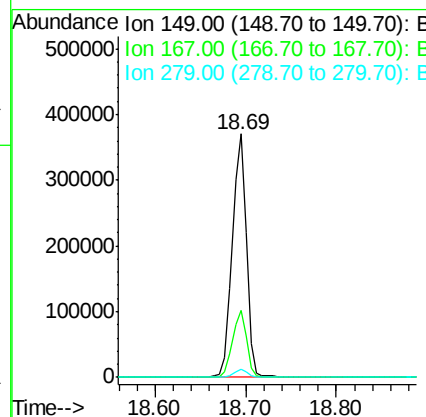
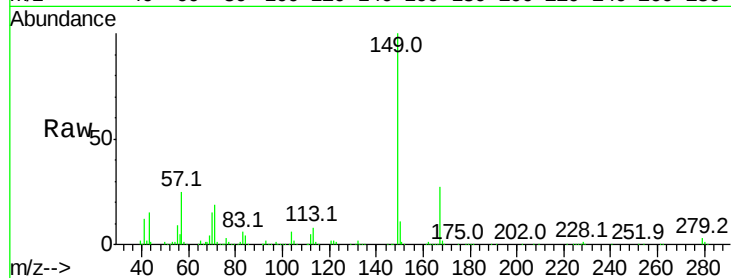
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.30 ng
 RT: 18.69 min Scan# 2849
 Delta R.T. -0.02 min
 Lab File: BF095043.D
 Acq: 10 May 2017 2:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-8-9-COMPMS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	27.3	21.0	31.4
279	3.3	1.9	2.9

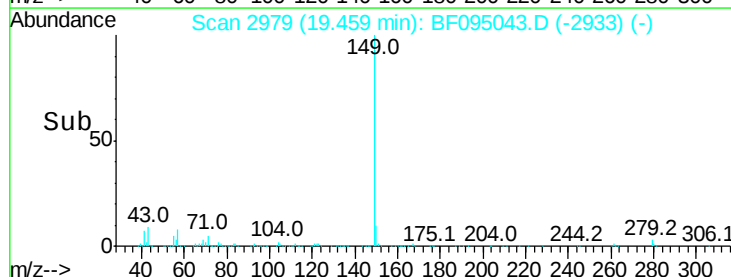
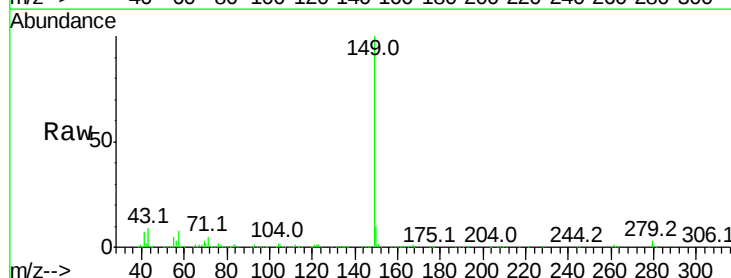
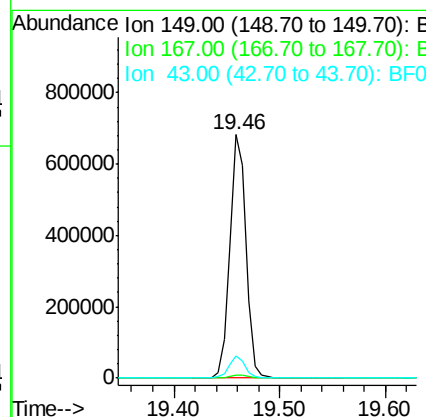
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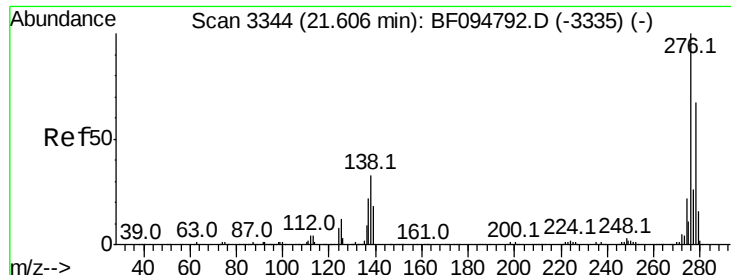
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#84
 Di-n-octyl phthalate
 Concen: 50.78 ng
 RT: 19.46 min Scan# 2979
 Delta R.T. -0.03 min
 Lab File: BF095043.D
 Acq: 10 May 2017 2:32

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.5	8.5	12.7





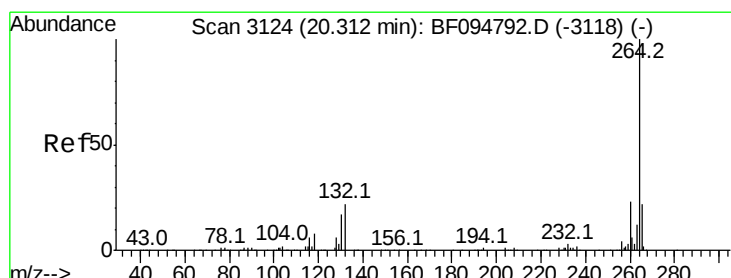
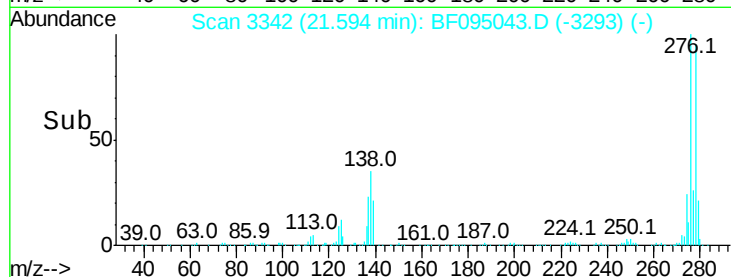
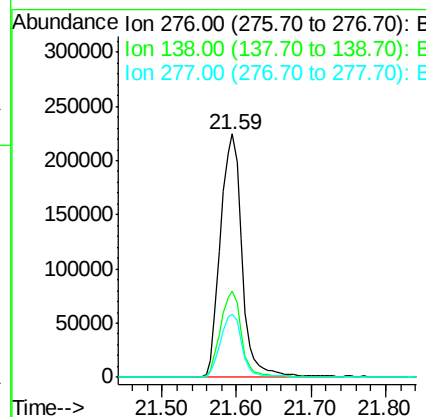
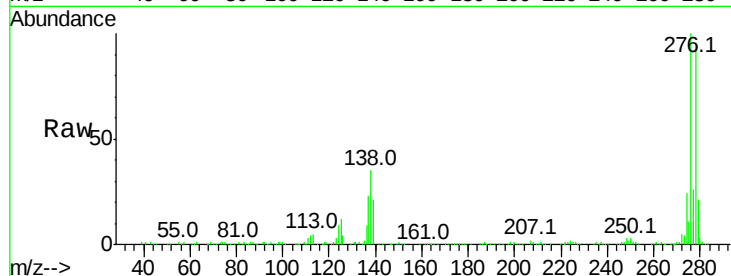
#85
Indeno(1,2,3-cd)pyrene
Concen: 56.91 ng
RT: 21.59 min Scan# 3342
Delta R.T. -0.01 min
Lab File: BF095043.D
Acq: 10 May 2017 2:32

Instrument :
BNA_F
ClientSampleId :
TP-7-8-9-COMPMS

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.5	27.8	41.6
277	26.2	20.2	30.4

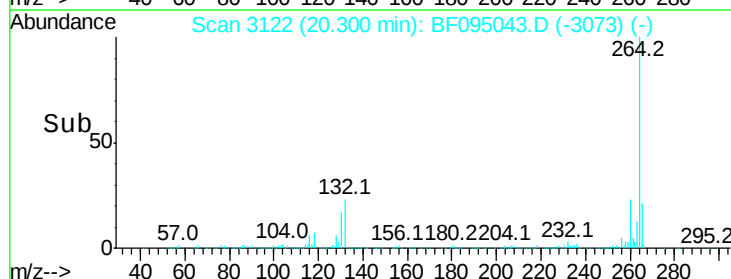
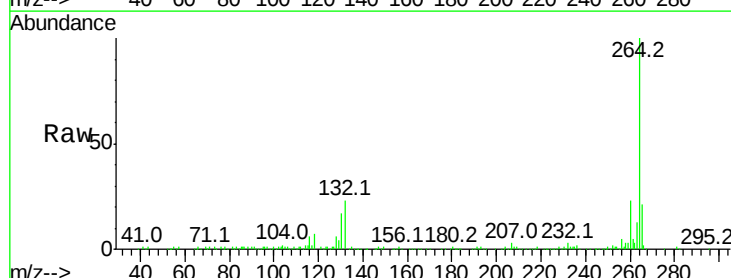
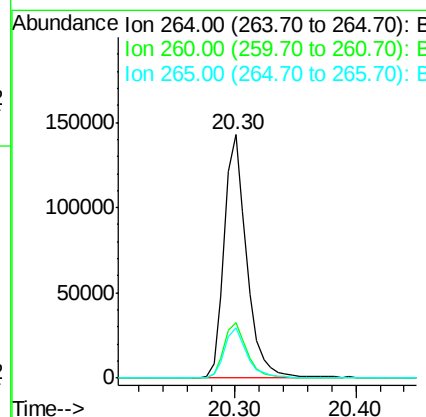
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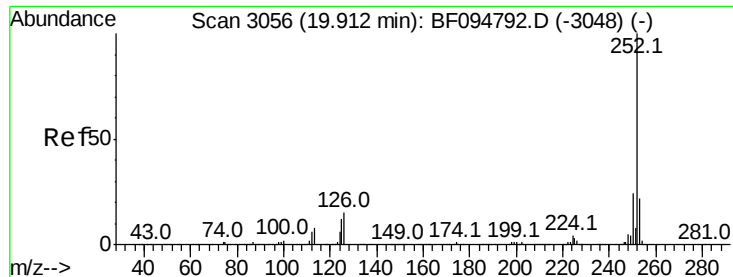
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#86
Perylene-d12
Concen: 20.00 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF095043.D
Acq: 10 May 2017 2:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.5	29.3
265	20.6	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 43.38 ng

RT: 19.89 min Scan# 3053

Delta R.T. -0.02 min

Lab File: BF095043.D

Acq: 10 May 2017 2:32

Instrument :

BNA_F

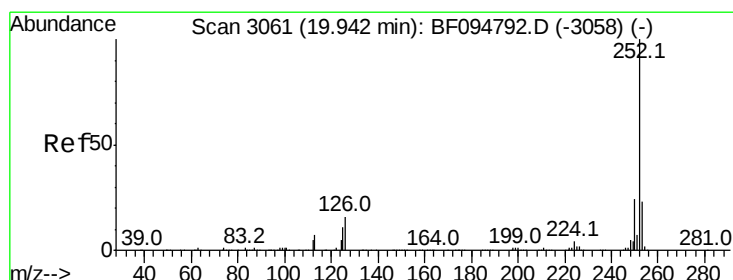
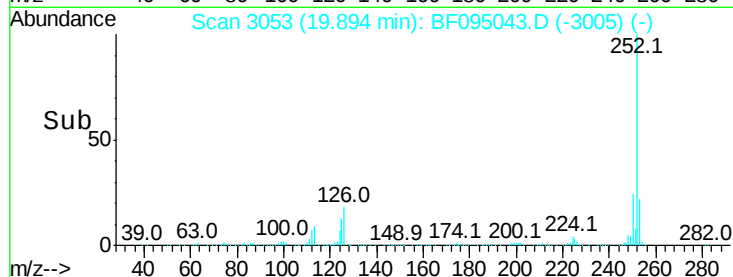
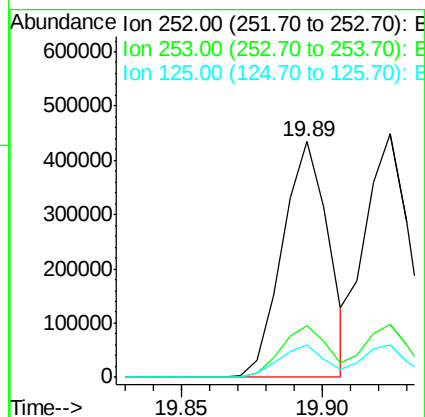
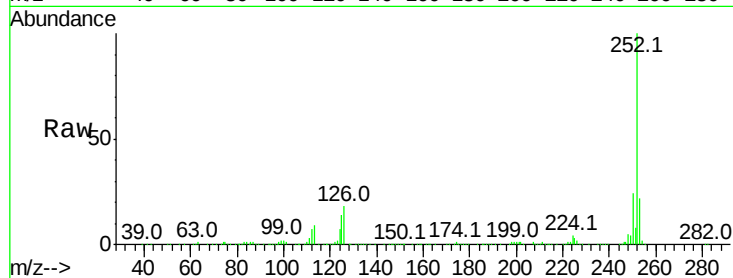
ClientSampleId :

TP-7-8-9-COMPMS

Tot Ion:	252	Resp:	492722
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.1	27.1
125	13.6	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 46.15 ng

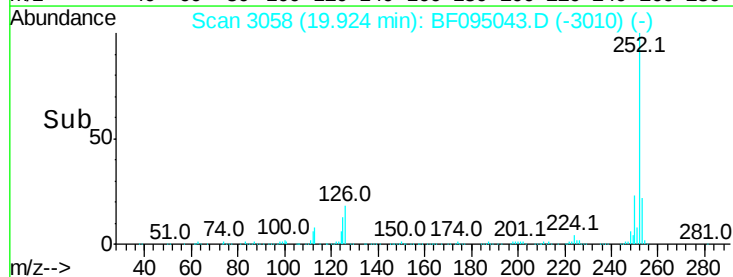
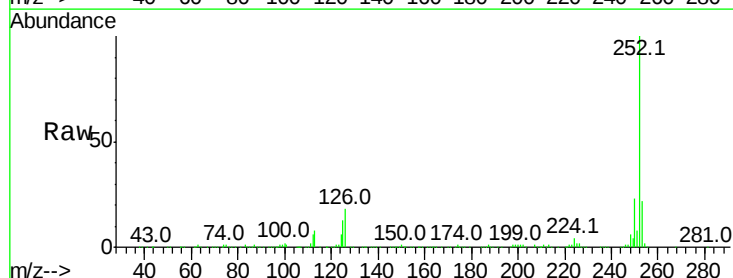
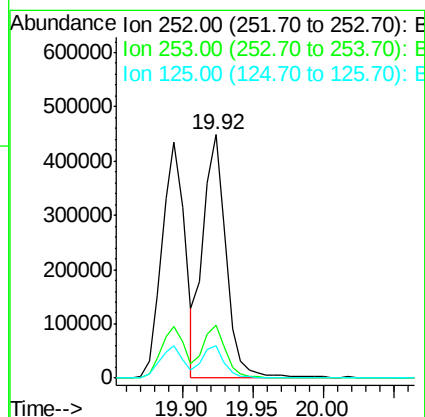
RT: 19.92 min Scan# 3058

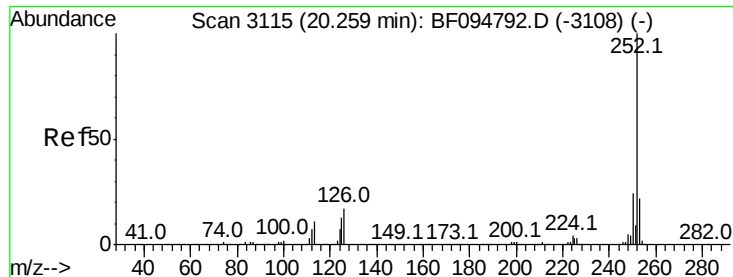
Delta R.T. -0.02 min

Lab File: BF095043.D

Acq: 10 May 2017 2:32

Tgt Ion:	252	Resp:	505606
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.4	27.6
125	13.3	13.1	19.7





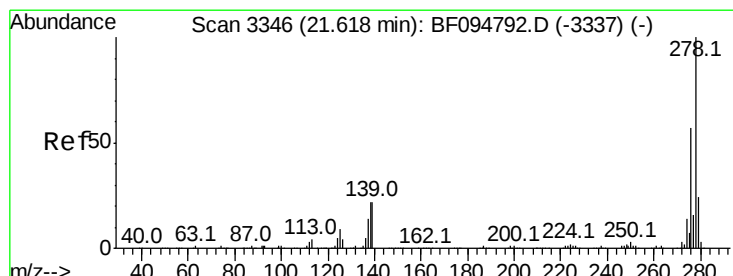
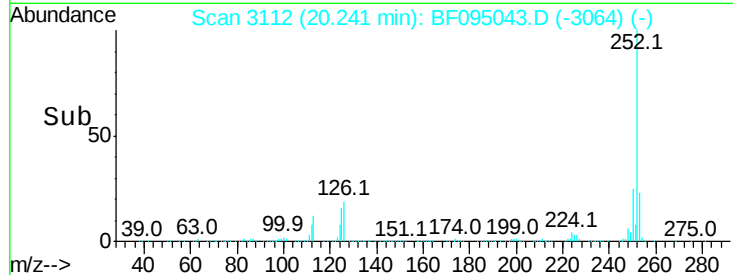
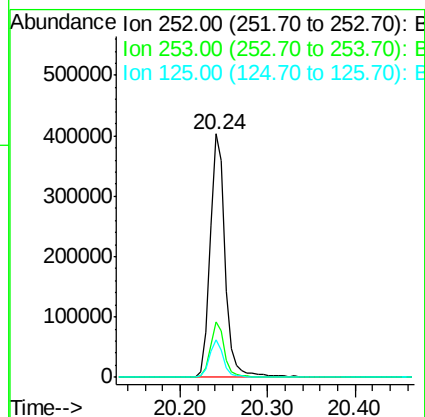
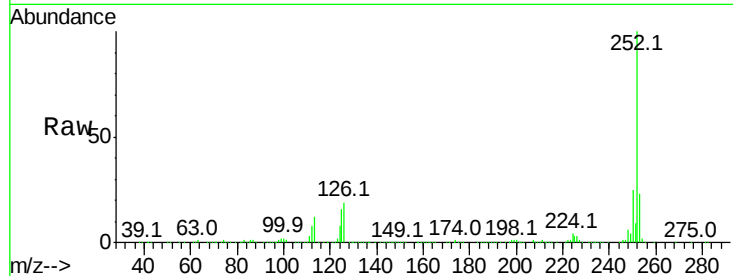
#89
Benzo(a)pyrene
Concen: 45.59 ng
RT: 20.24 min Scan# 3112
Delta R.T. -0.02 min
Lab File: BF095043.D
Acq: 10 May 2017 2:32

Instrument :
BNA_F
ClientSampleId :
TP-7-8-9-COMPMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	15.6	11.0	16.4

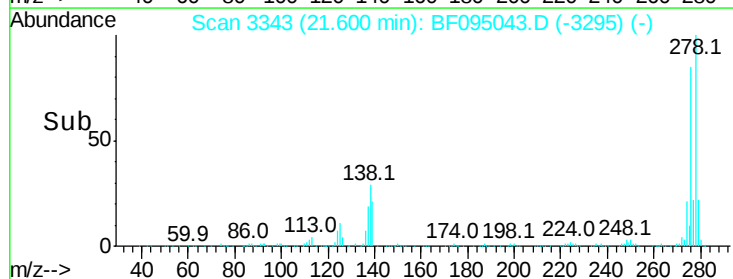
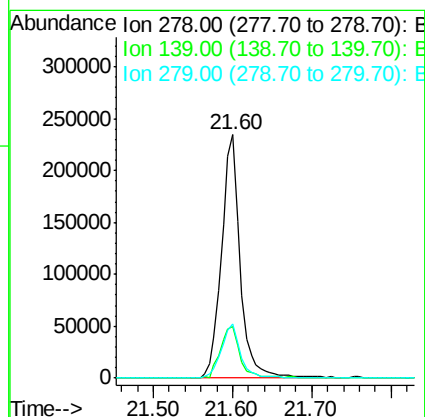
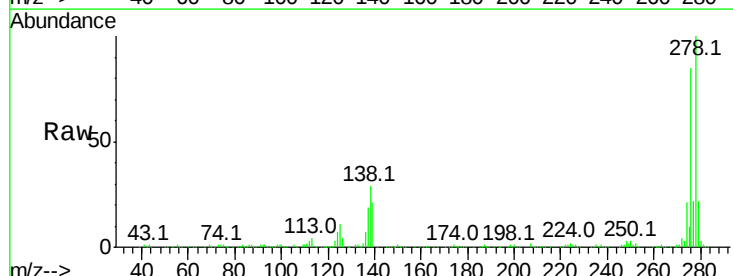
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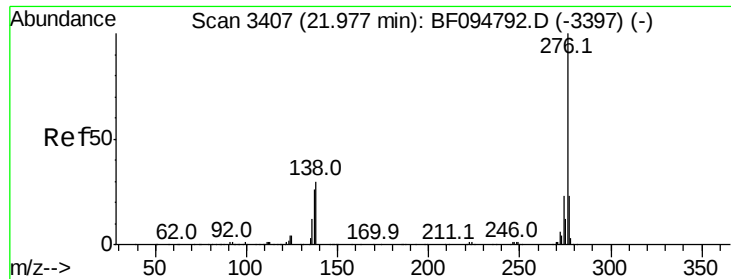
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#90
Dibenzo(a,h)anthracene
Concen: 44.47 ng
RT: 21.60 min Scan# 3343
Delta R.T. -0.02 min
Lab File: BF095043.D
Acq: 10 May 2017 2:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.2	16.6	24.8
279	22.3	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 42.88 ng

RT: 21.96 min Scan# 3405

Delta R.T. -0.01 min

Lab File: BF095043.D

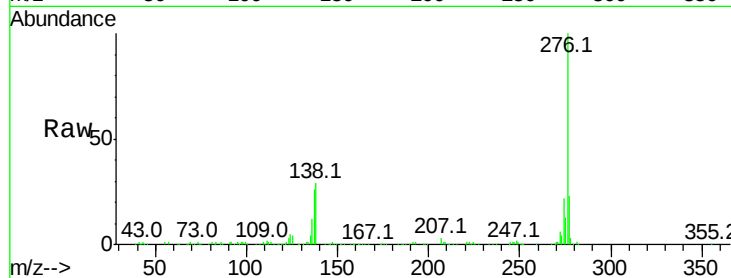
Acq: 10 May 2017 2:32

Instrument :

BNA_F

ClientSampleId :

TP-7-8-9-COMPMS



Tot Ion:	276	Resp:	364247
Ion Ratio	Lower	Upper	
276	100		
277	23.1	18.6	28.0
138	29.5	25.4	38.0

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