

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
 Data File : BF093137.D
 Acq On : 24 Feb 2017 8:21
 Operator : SJ/MA
 Sample : I1948-06MSD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP23-24-COMP17MSD

Manual Integrations
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mohammad
 2/24/2017 2:11:51 PM

Quant Time: Feb 24 13:18:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	145690	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	536228	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	228664	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	323716	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	270271	20.00	ng	-0.02
86) Perylene-d12	15.43	264	236872	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	955926	112.57	ng	0.00
7) Phenol-d6	6.49	99	1156633	105.86	ng	0.00
23) Nitrobenzene-d5	7.41	82	768411	79.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	207769	125.63	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1360739	107.81	ng	-0.01
78) Terphenyl-d14	12.94	244	887102	77.12	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	144436	31.48	ng	# 73
3) Pyridine	3.28	79	319458m	27.38	ng	
4) n-Nitrosodimethylamine	3.20	42	209562	38.25	ng	89
6) Aniline	6.51	93	134615	9.03	ng	# 84
8) 2-Chlorophenol	6.64	128	356786	38.08	ng	92
9) Benzaldehyde	6.38	77	77203	9.86	ng	86
10) Phenol	6.50	94	417491	32.66	ng	80
11) bis(2-Chloroethyl)ether	6.58	93	377321	36.98	ng	90
12) 1,3-Dichlorobenzene	6.78	146	411110	37.47	ng	98
13) 1,4-Dichlorobenzene	6.86	146	413830m	37.26	ng	
14) 1,2-Dichlorobenzene	7.01	146	389512	36.68	ng	98
15) Benzyl Alcohol	6.99	79	283639	35.06	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	657117	37.07	ng	98
17) 2-Methylphenol	7.12	107	308201	38.35	ng	97
18) Hexachloroethane	7.36	117	126171	33.28	ng	95
19) n-Nitroso-di-n-propylamine	7.26	70	284901	40.96	ng	99
20) 3+4-Methylphenols	7.26	107	392790	40.88	ng	# 85
22) Acetophenone	7.25	105	510984	41.74	ng	# 98
24) Nitrobenzene	7.44	77	422611	42.74	ng	# 87
25) Isophorone	7.68	82	748914	41.74	ng	98
26) 2-Nitrophenol	7.74	139	174904	37.21	ng	91
27) 2,4-Dimethylphenol	7.79	122	321643	38.97	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	467219	39.32	ng	98
29) 2,4-Dichlorophenol	8.00	162	321126	41.71	ng	93
30) 1,2,4-Trichlorobenzene	8.08	180	318930	38.44	ng	99
31) Naphthalene	8.16	128	1003108	36.90	ng	98
32) Benzoic acid	7.93	122	201634	43.84	ng	96
33) 4-Chloroaniline	8.21	127	78985	7.41	ng	99
34) Hexachlorobutadiene	8.27	225	170528	37.36	ng	98
35) Caprolactam	8.58	113	92857	38.35	ng	# 51
36) 4-Chloro-3-methylphenol	8.69	107	324538	40.43	ng	94
37) 2-Methylnaphthalene	8.84	142	674744	38.66	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	291693	45.44	ng	97
40) Hexachlorocyclopentadiene	8.99	237	63213	21.83	ng	97

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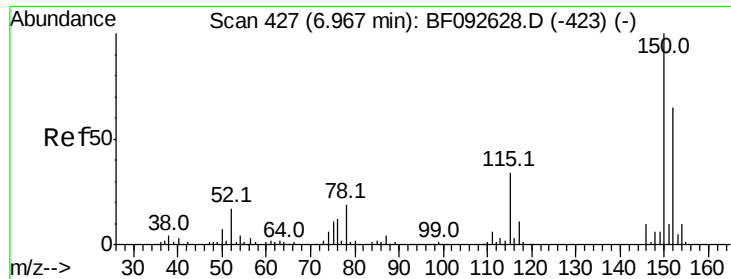
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	213411	50.60	nq	95
43) 2,4,5-Trichlorophenol	9.17	196	224502	48.58	nq #	89
45) 1,1'-Biphenyl	9.31	154	811018	48.98	nq	99
46) 2-Chloronaphthalene	9.33	162	642218	49.58	nq	96
47) 2-Nitroaniline	9.44	65	221997	50.98	nq #	74
48) Acenaphthylene	9.74	152	990040	44.25	nq	99
49) Dimethylphthalate	9.61	163	792893	51.48	nq	99
50) 2,6-Dinitrotoluene	9.68	165	180107	54.15	nq	92
51) Acenaphthene	9.92	154	581564	43.47	nq	97
52) 3-Nitroaniline	9.84	138	77017	20.23	nq	91
53) 2,4-Dinitrophenol	9.96	184	53781	34.64	nq #	89
54) Dibenzofuran	10.09	168	849535	47.48	nq	94
55) 4-Nitrophenol	10.02	139	203906	74.37	nq	82
56) 2,4-Dinitrotoluene	10.08	165	179011	40.42	nq	92
57) Fluorene	10.43	166	647860	47.06	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	155796	50.54	nq	93
59) Diethylphthalate	10.30	149	740691	51.03	nq	98
60) 4-Chlorophenyl-phenylether	10.42	204	294847	44.58	nq	91
61) 4-Nitroaniline	10.45	138	147885	37.93	nq	92
62) Azobenzene	10.58	77	761416	50.78	nq	97
64) 4,6-Dinitro-2-methylphenol	10.49	198	46881	25.14	nq #	75
65) n-Nitrosodiphenylamine	10.54	169	566689	54.80	nq	99
66) 4-Bromophenyl-phenylether	10.91	248	179248	53.00	nq #	91
67) Hexachlorobenzene	10.98	284	163927	49.05	nq	99
68) Atrazine	11.07	200	147867	44.56	nq	94
69) Pentachlorophenol	11.17	266	163583	93.48	nq	96
70) Phenanthrene	11.39	178	879413	47.42	nq	98
71) Anthracene	11.44	178	830241	44.58	nq	99
72) Carbazole	11.60	167	711641	39.97	nq	98
73) Di-n-butylphthalate	11.93	149	1105376	57.41	nq #	97
74) Fluoranthene	12.58	202	839924	43.91	nq	93
76) Benzidine	12.70	184	87340	7.58	nq #	94
77) Pyrene	12.81	202	855724	42.31	nq	98
79) Butylbenzylphthalate	13.42	149	404792	49.28	nq #	76
80) Benzo(a)anthracene	14.00	228	746873	45.18	nq	99
81) 3,3'-Dichlorobenzidine	13.95	252	127935	21.71	nq	99
82) Chrysene	14.03	228	742632	47.98	nq	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	539564	48.04	nq	100
84) Di-n-octyl phthalate	14.59	149	1003282	54.85	nq	99
85) Indeno(1,2,3-cd)pyrene	16.83	276	610298	50.91	nq #	93
87) Benzo(b)fluoranthene	15.03	252	798630m	51.22	nq	
88) Benzo(k)fluoranthene	15.05	252	607116m	45.10	nq	
89) Benzo(a)pyrene	15.37	252	653260	48.44	nq #	95
90) Dibenzo(a,h)anthracene	16.84	278	526010	48.26	nq	99
91) Benzo(g,h,i)perylene	17.25	276	498197	45.24	nq #	92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF093137.D

Acq: 24 Feb 2017 8:21

Instrument :

BNA_F

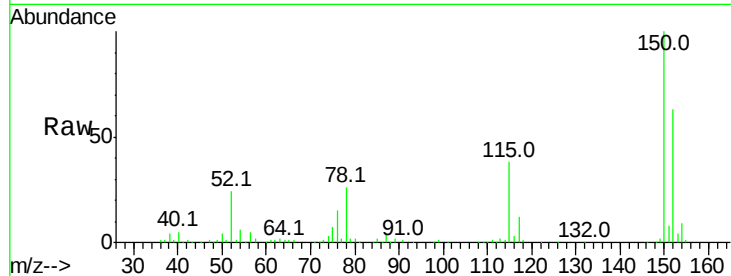
ClientSampleId :

TP23-24-COMP17MSD

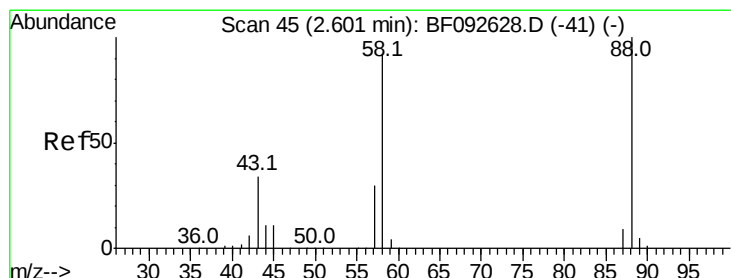
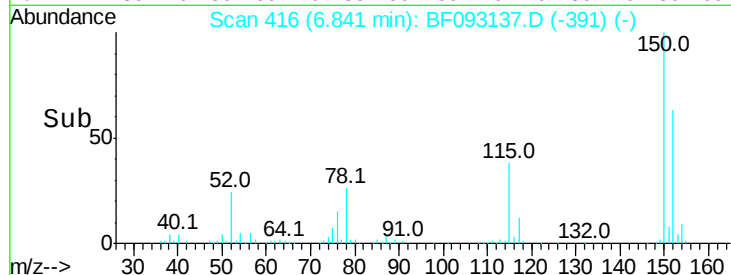
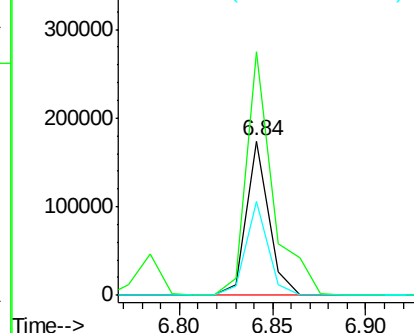
Tot Ion:	152	Resp:	145690
Ion Ratio	Lower	Upper	
152	100		
150	158.1	124.9	187.3
115	60.6	46.0	69.0

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



#2

1,4-Dioxane

Concen: 31.48 ng

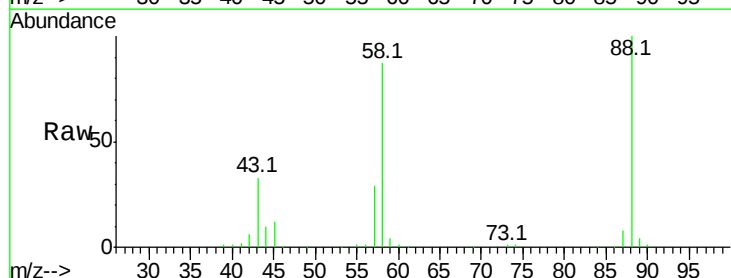
RT: 2.57 min Scan# 42

Delta R.T. 0.14 min

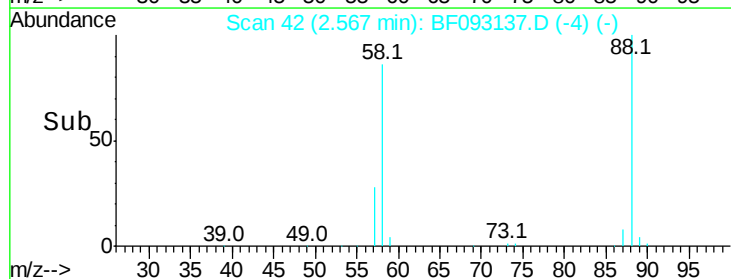
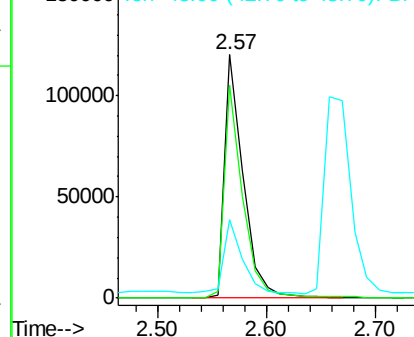
Lab File: BF093137.D

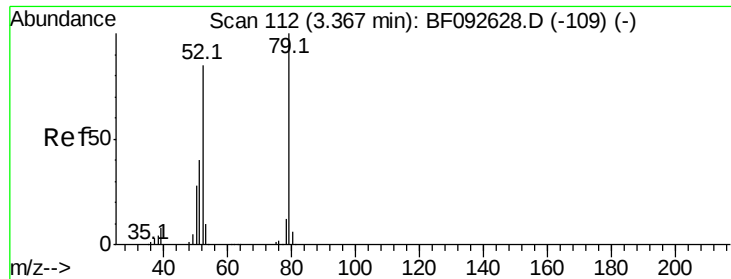
Acq: 24 Feb 2017 8:21

Tgt Ion:	88	Resp:	144436
Ion Ratio	Lower	Upper	
88	100		
58	87.0	57.8	86.8#
43	0.0	22.3	33.5#



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





#3

Pvridine

Concen: 27.38 ng/ml

RT: 3.28 min Scan# 104

Delta R.T. 0.13 min

Lab File: BF093137.D

Acq: 24 Feb 2017 8:21

Instrument :

BNA_F

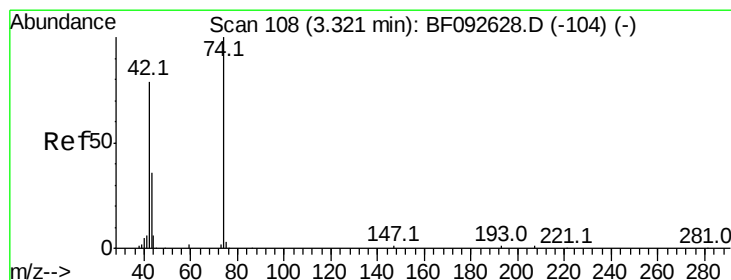
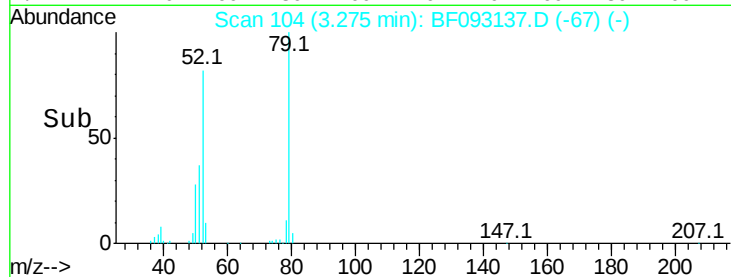
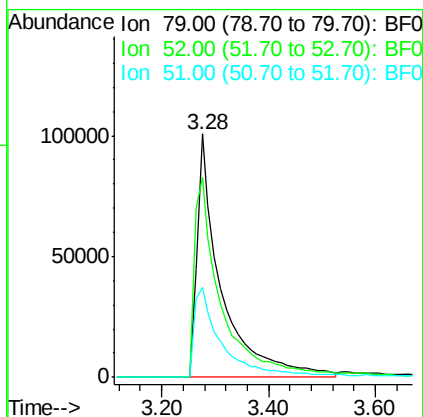
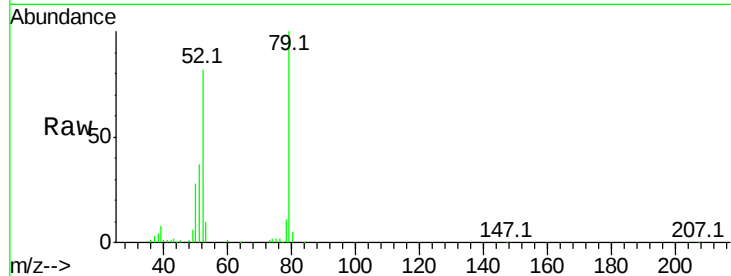
ClientSampleId :

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Tot Ion:	79	Resp:	319458
Ion Ratio	Lower	Upper	
79	100		
52	82.3	57.1	85.7
51	36.8	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 38.25 ng/ml

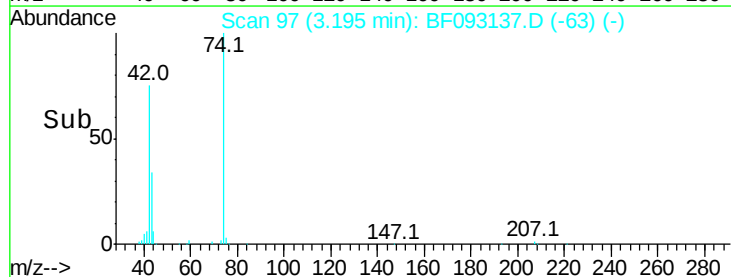
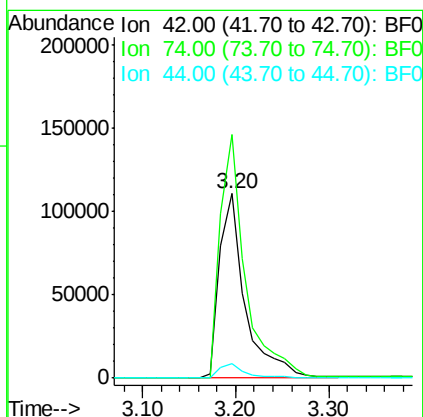
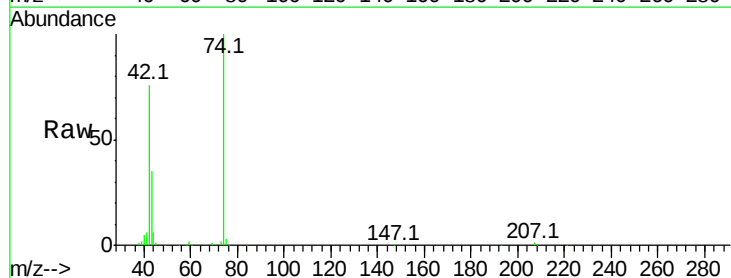
RT: 3.20 min Scan# 97

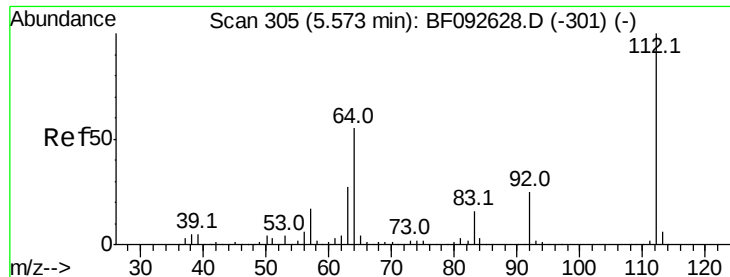
Delta R.T. 0.09 min

Lab File: BF093137.D

Acq: 24 Feb 2017 8:21

Tgt Ion:	42	Resp:	209562
Ion Ratio	Lower	Upper	
42	100		
74	131.9	117.0	175.4
44	7.8	5.5	8.3





#5

2-Fluorophenol

Concen: 112.57 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.00 min

Lab File: BF093137.D

Acq: 24 Feb 2017 8:21

Instrument :

BNA_F

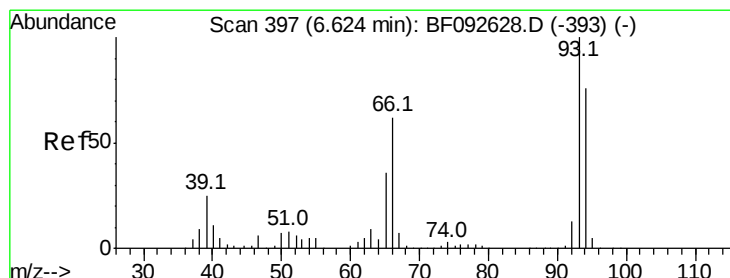
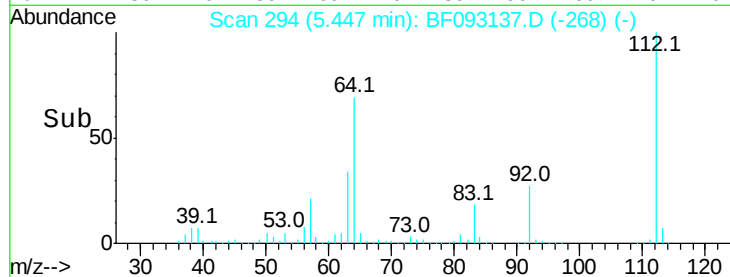
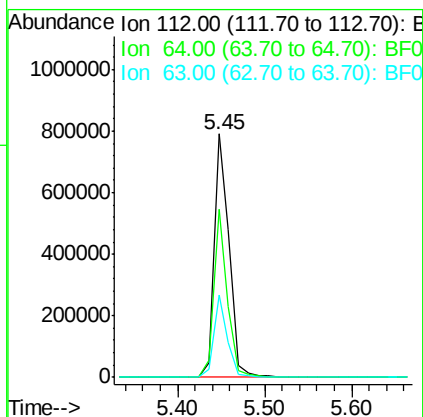
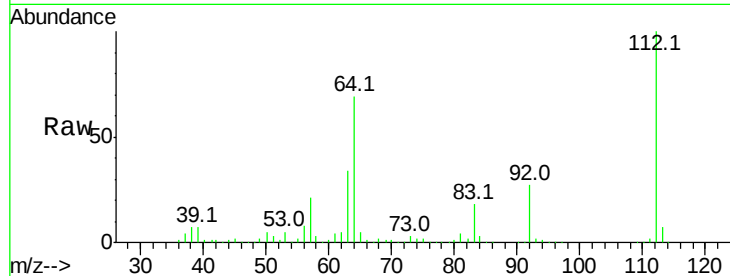
ClientSampleId :

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Tot Ion:	112	Resp:	955926
Ion Ratio	Lower	Upper	
112	100		
64	69.0	46.1	69.1
63	33.9	23.8	35.6

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#6

Aniline

Concen: 9.03 ng

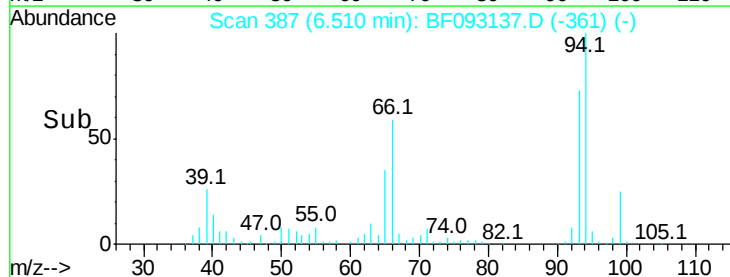
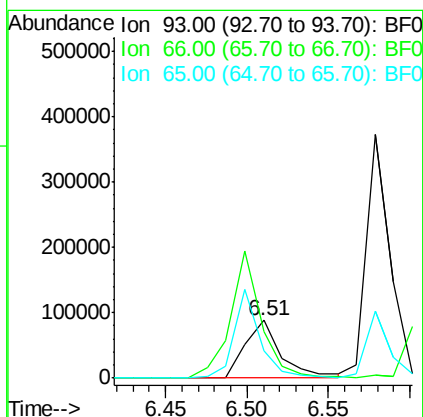
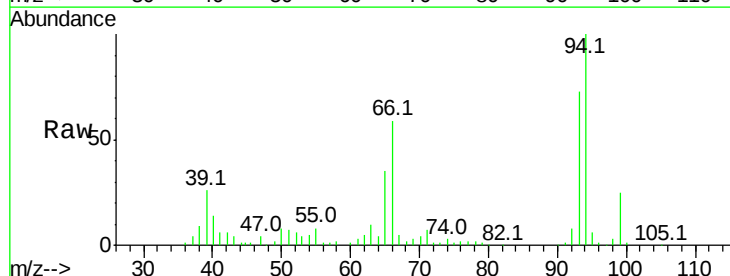
RT: 6.51 min Scan# 387

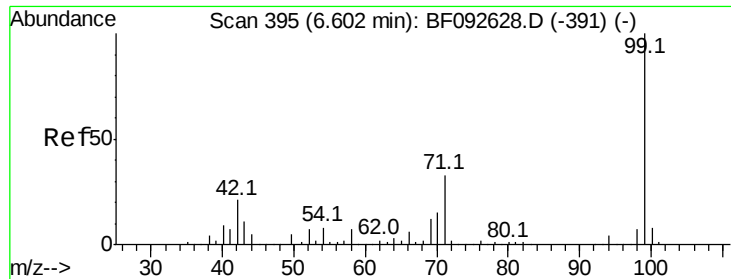
Delta R.T. -0.00 min

Lab File: BF093137.D

Acq: 24 Feb 2017 8:21

Tgt Ion:	93	Resp:	134615
Ion Ratio	Lower	Upper	
93	100		
66	81.1	76.2	114.2
65	48.2	49.3	73.9#





#7

Phenol-d6

Concen: 105.86 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF093137.D

Acq: 24 Feb 2017 8:21

Instrument :

BNA_F

ClientSampleId :

TP23-24-COMP17MSD

Tot Ion: 99 Resp: 1156633

Ion Ratio Lower Upper

99 100

42 20.1 15.6 23.4

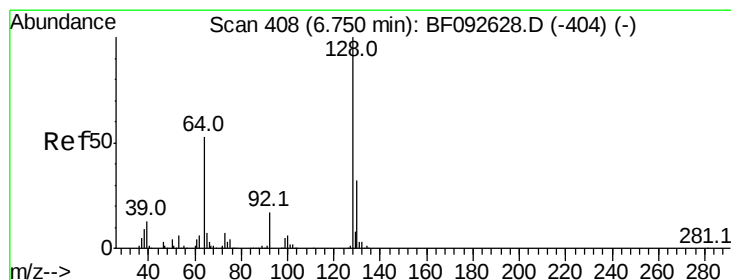
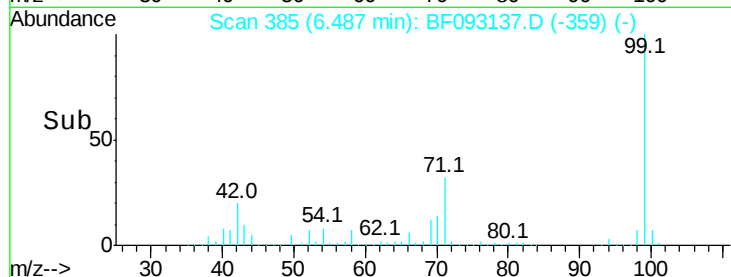
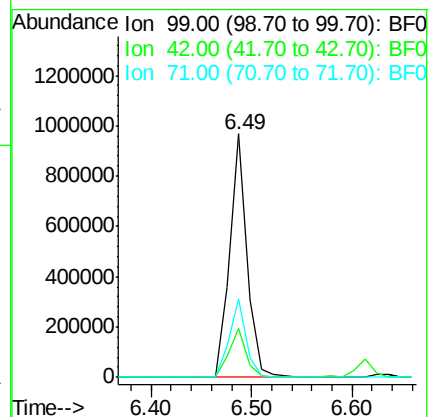
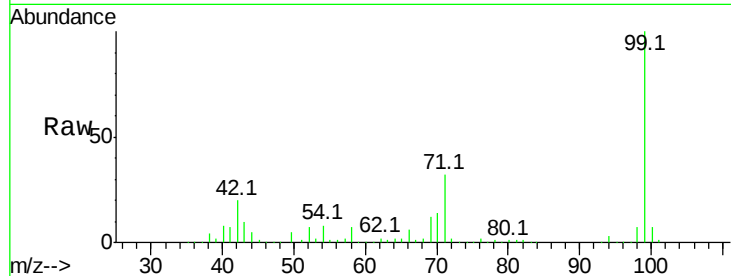
71 32.3 27.5 41.3

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#8

2-Chlorophenol

Concen: 38.08 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF093137.D

Acq: 24 Feb 2017 8:21

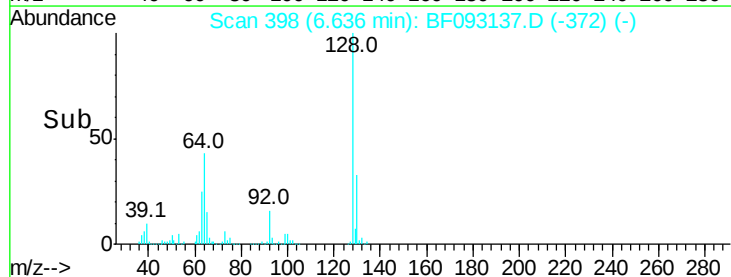
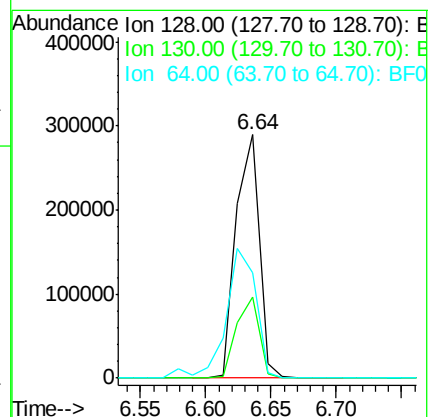
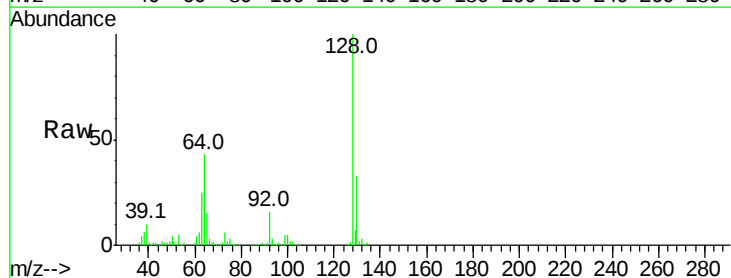
Tgt Ion: 128 Resp: 356786

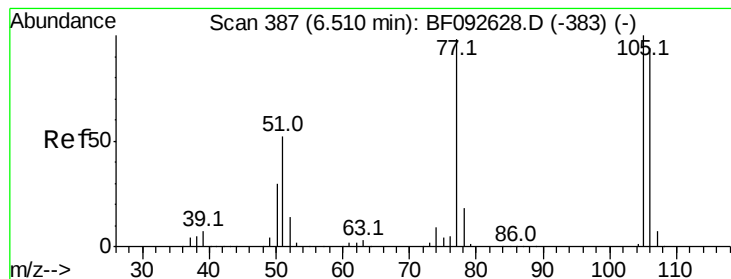
Ion Ratio Lower Upper

128 100

130 33.3 12.3 52.3

64 43.4 32.2 72.2





#9

Benzaldehyde

Concen: 9.86 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF093137.D

Acq: 24 Feb 2017 8:21

Instrument :

BNA_F

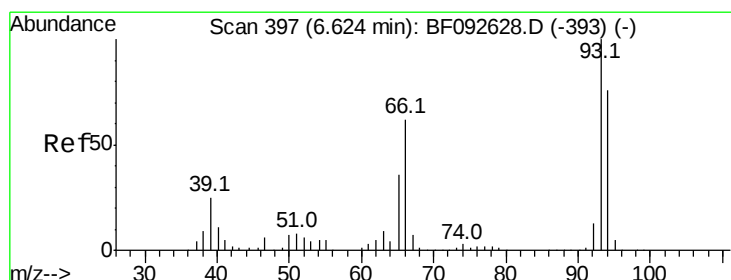
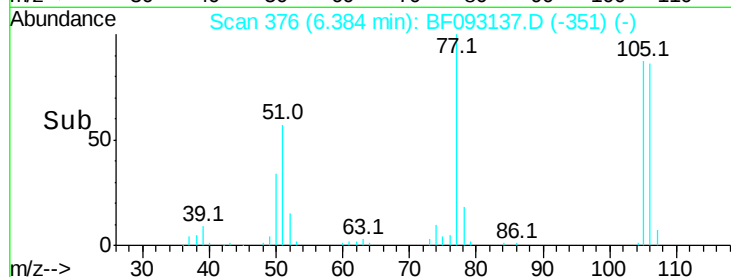
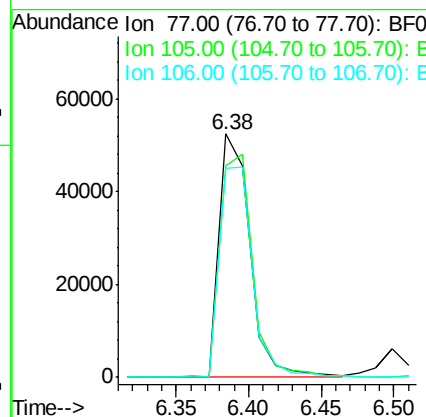
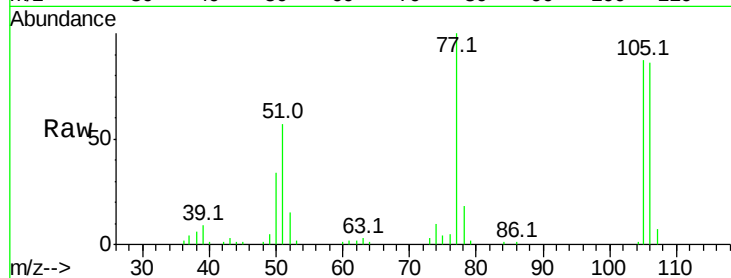
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Tot Ion:	77	Resp:	77203
Ion Ratio	Lower	Upper	
77	100		
105	86.7	83.9	123.9
106	86.0	77.6	117.6

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#10

Phenol

Concen: 32.66 ng

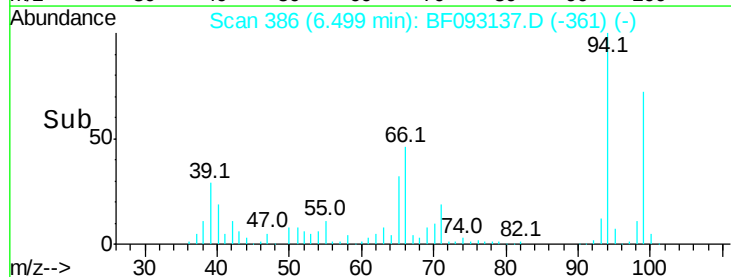
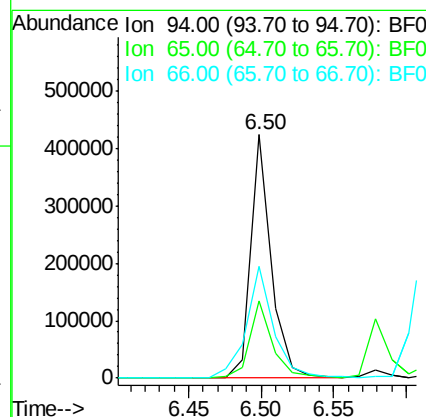
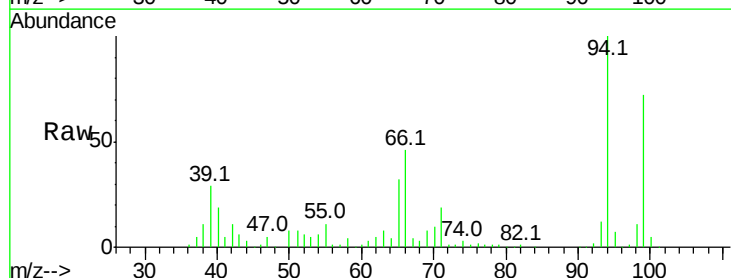
RT: 6.50 min Scan# 386

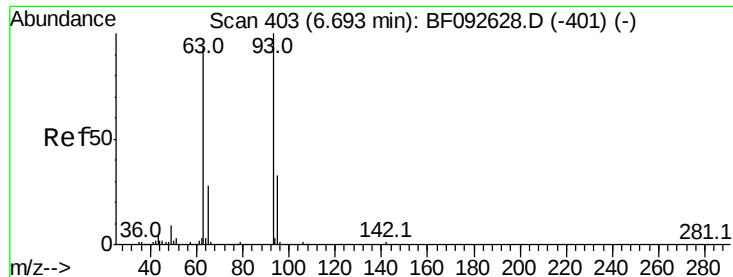
Delta R.T. -0.01 min

Lab File: BF093137.D

Acq: 24 Feb 2017 8:21

Tgt Ion:	94	Resp:	417491
Ion Ratio	Lower	Upper	
94	100		
65	31.9	21.4	61.4
66	45.7	44.0	84.0





#11

bis(2-Chloroethyl)ether

Concen: 36.98 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF093137.D

Acq: 24 Feb 2017 8:21

Instrument :

BNA_F

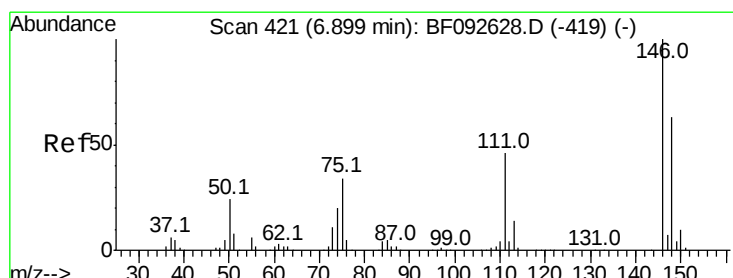
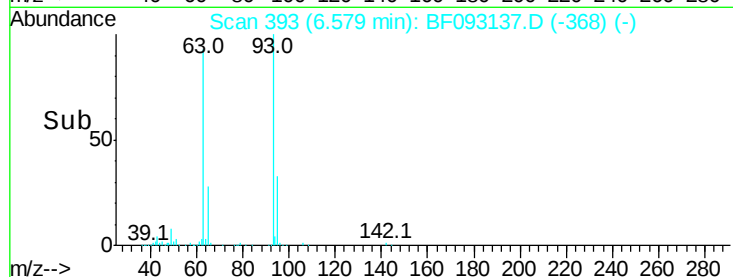
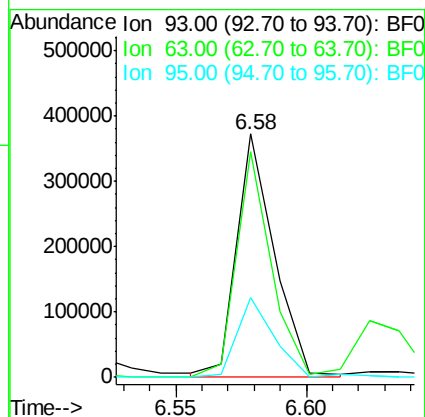
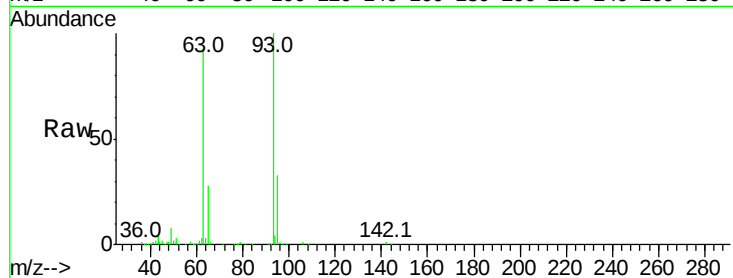
ClientSampleId :

TP23-24-COMP17MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	92.8	60.4	100.4
95	32.6	12.8	52.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 37.47 ng

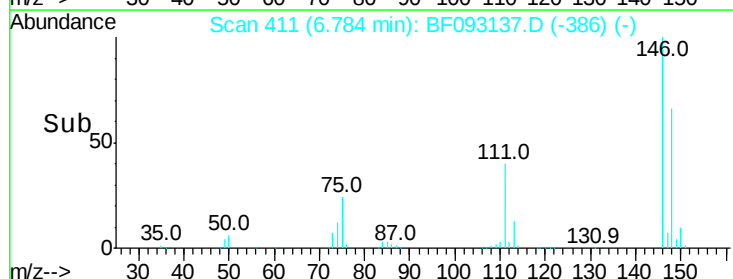
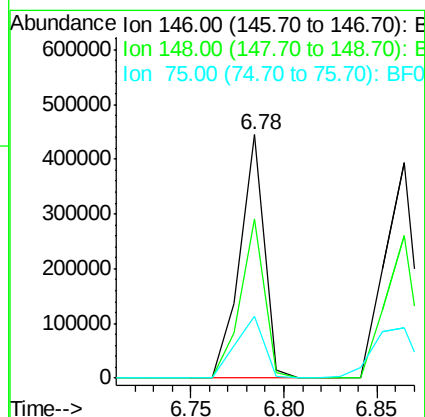
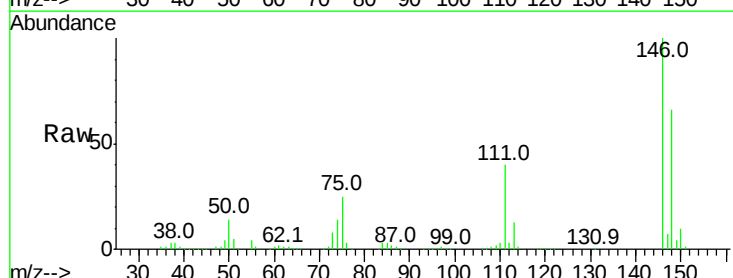
RT: 6.78 min Scan# 411

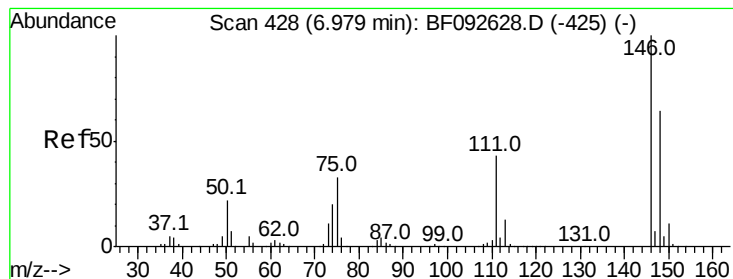
Delta R.T. -0.01 min

Lab File: BF093137.D

Acq: 24 Feb 2017 8:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	53.4	80.0
75	25.3	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 37.26 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF093137.D

Acq: 24 Feb 2017 8:21

Instrument :

BNA_F

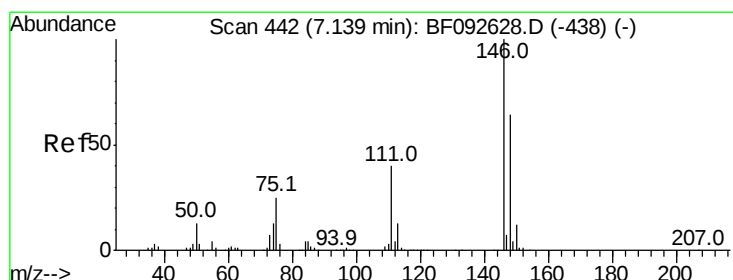
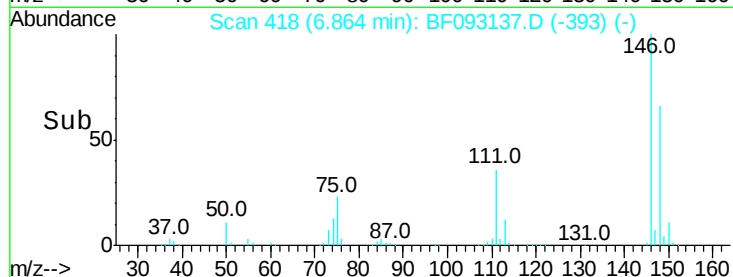
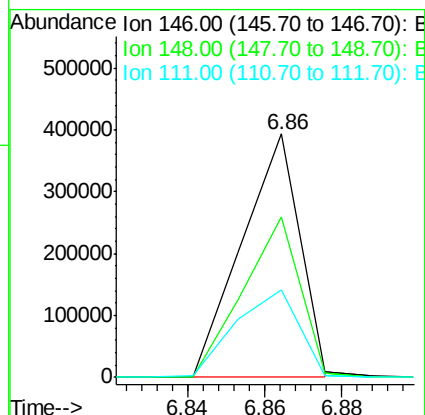
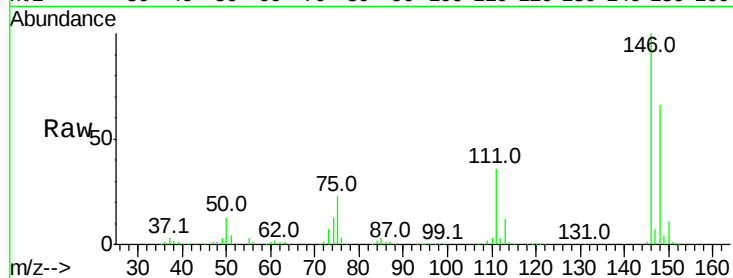
ClientSampleId :

TP23-24-COMP17MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.1	50.6	76.0
111	36.2	36.2	54.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 36.68 ng

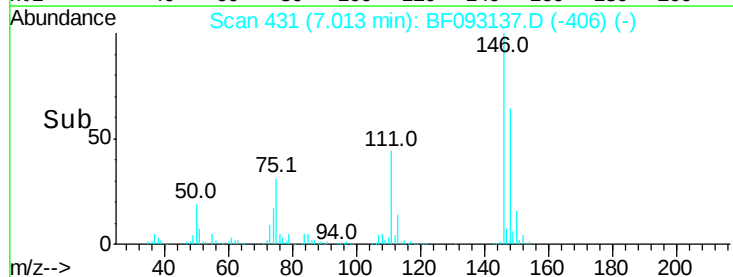
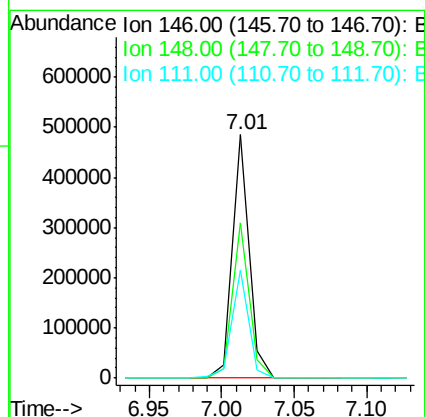
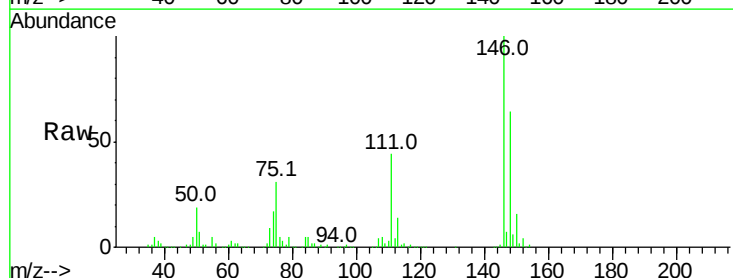
RT: 7.01 min Scan# 431

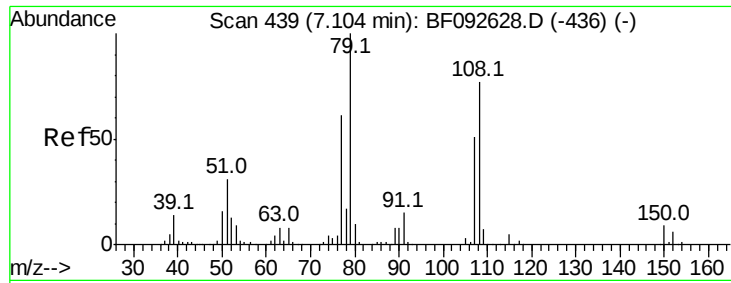
Delta R.T. -0.01 min

Lab File: BF093137.D

Acq: 24 Feb 2017 8:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.2	78.2
111	44.4	36.2	54.2





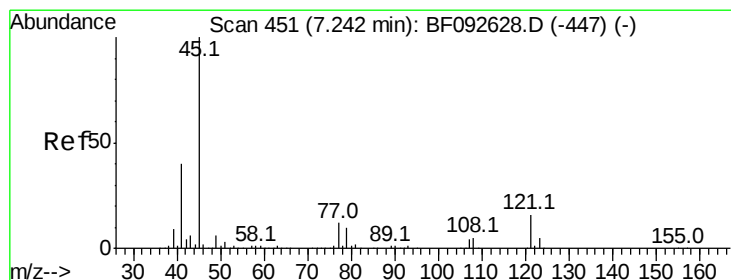
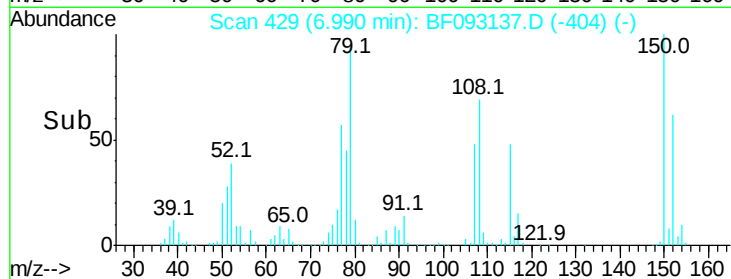
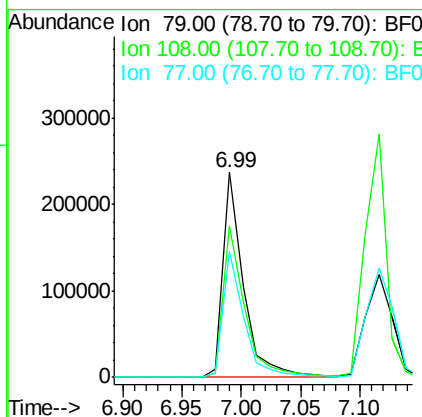
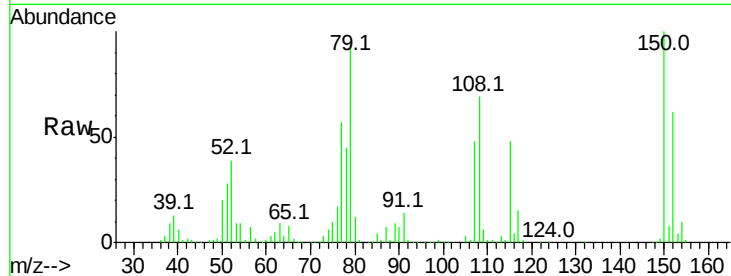
#15
Benzyl Alcohol
Concen: 35.06 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF093137.D
Acq: 24 Feb 2017 8:21

Instrument :
BNA_F
ClientSampleId :
TP23-24-COMP17MSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100	283639		
108	73.9	61.4	92.0	
77	61.4	50.9	76.3	

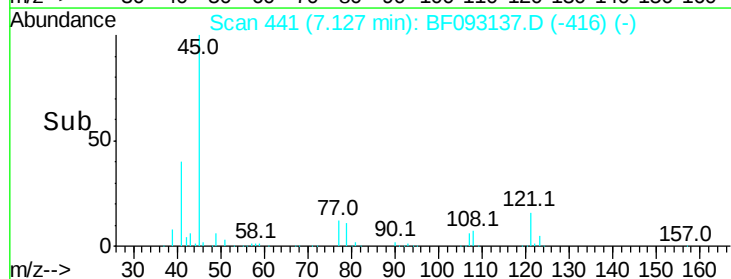
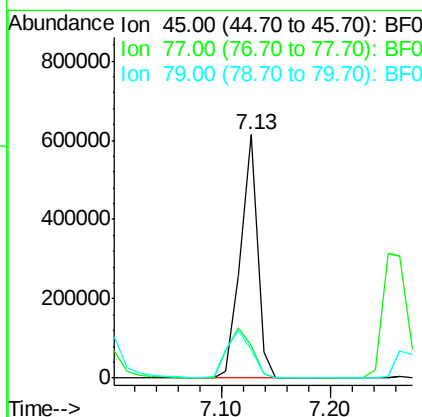
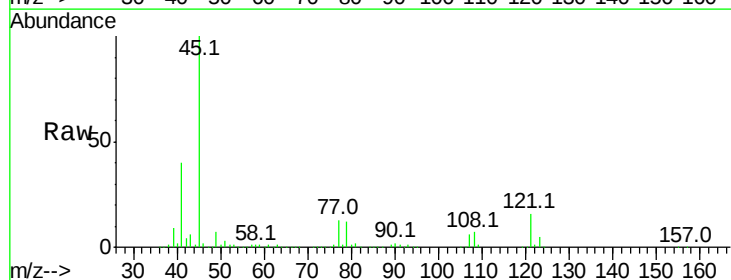
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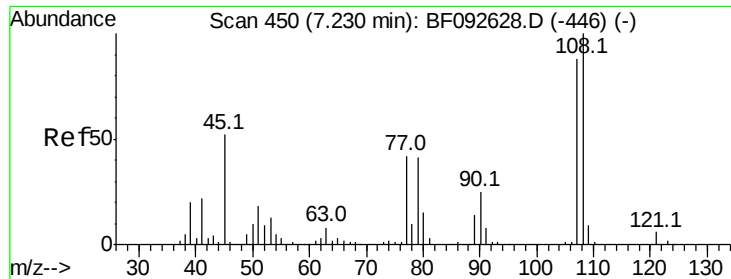
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.07 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF093137.D
Acq: 24 Feb 2017 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	657117		
77	13.4	0.0	34.6	
79	11.5	0.0	31.2	





#17

2-Methylphenol

Concen: 38.35 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF093137.D

Acq: 24 Feb 2017 8:21

Instrument :

BNA_F

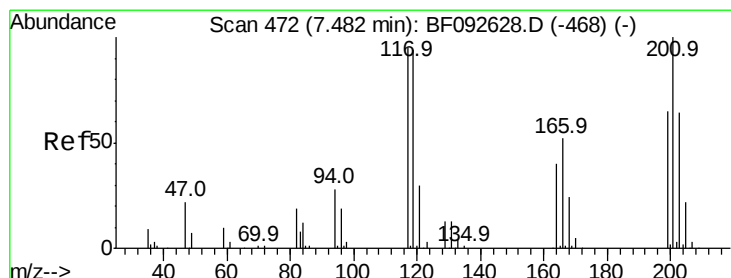
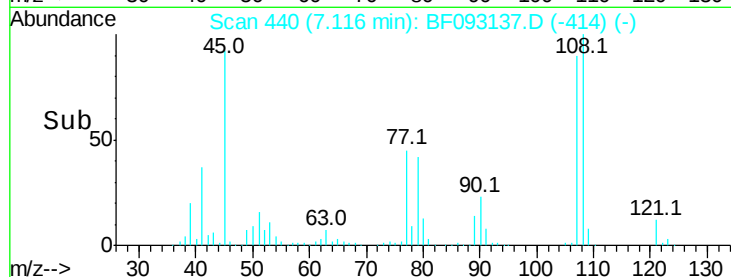
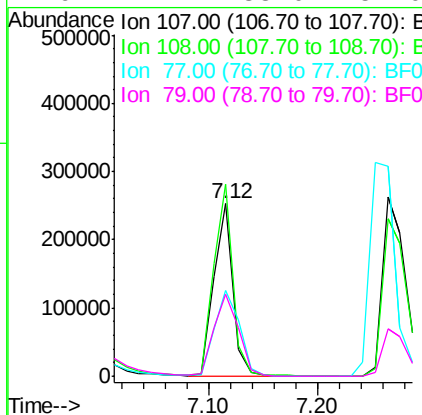
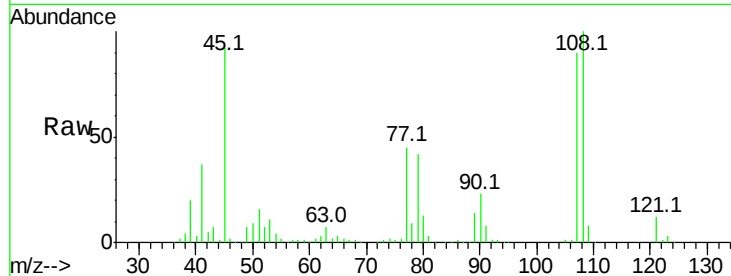
ClientSampleId :

TP23-24-COMP17MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.3	93.0	139.6	
77	49.8	39.8	59.8	
79	47.1	38.0	57.0	

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#18

Hexachloroethane

Concen: 33.28 ng

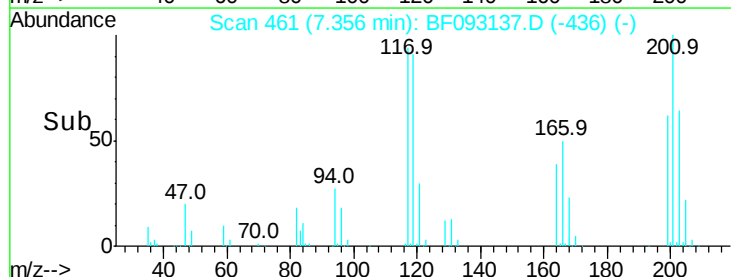
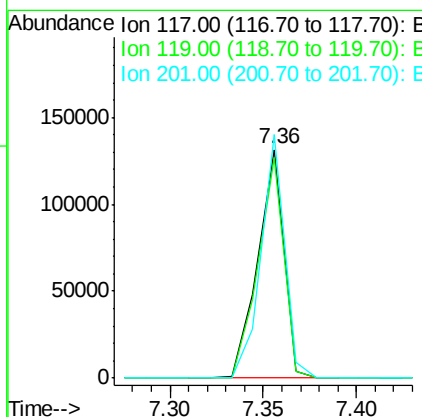
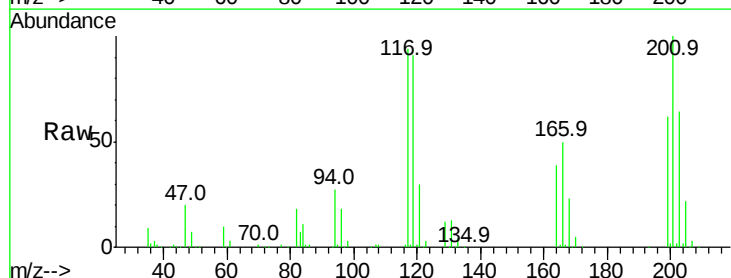
RT: 7.36 min Scan# 461

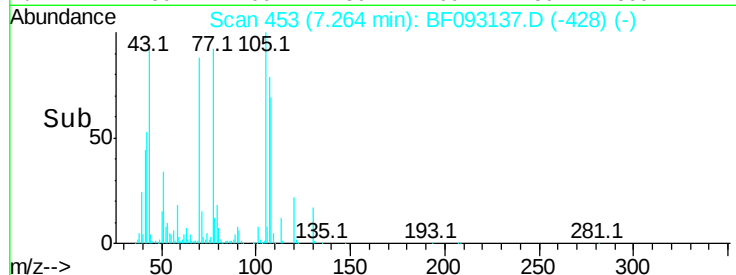
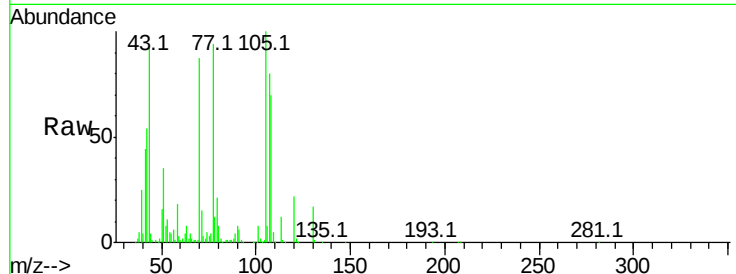
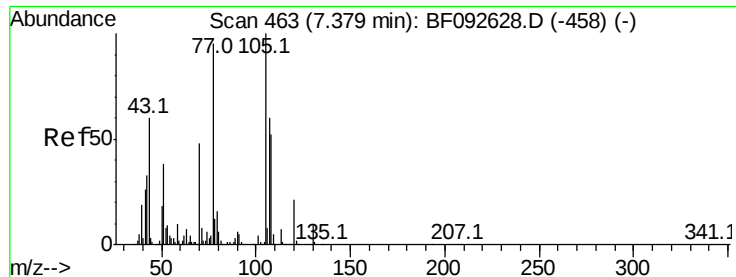
Delta R.T. -0.01 min

Lab File: BF093137.D

Acq: 24 Feb 2017 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.8	78.1	117.1	
201	106.6	78.6	117.8	





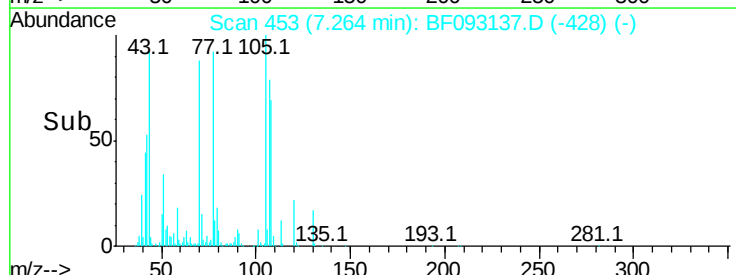
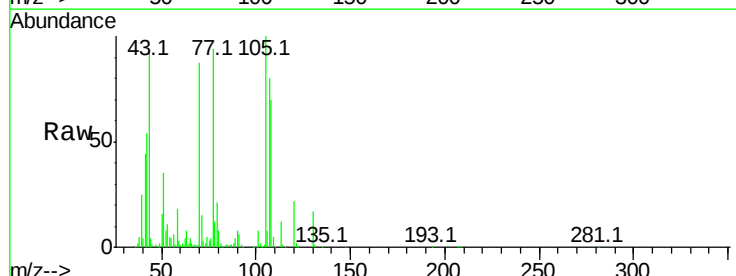
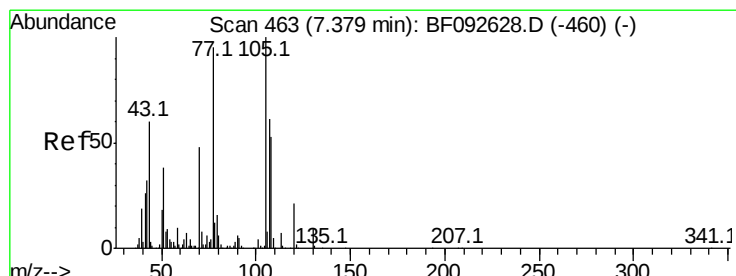
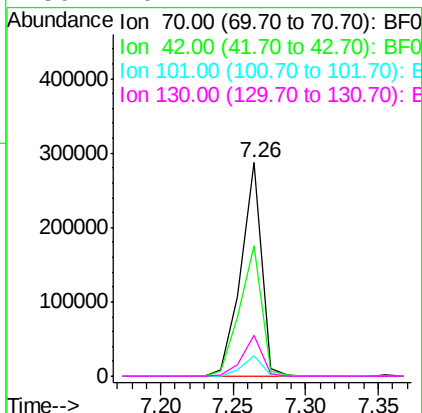
#19
n-Nitroso-di-n-propylamine
Concen: 40.96 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093137.D
Acq: 24 Feb 2017 8:21

Instrument :
BNA_F
ClientSampleId :
TP23-24-COMP17MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.2	49.4	74.0
101	9.4	7.4	11.2
130	19.1	14.2	21.4

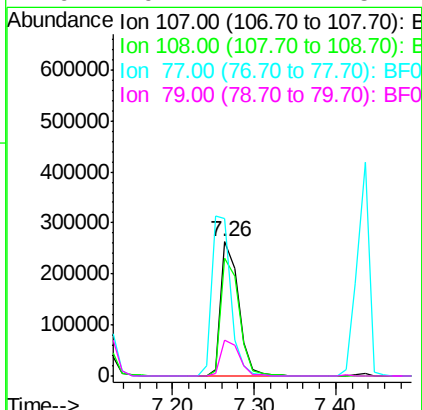
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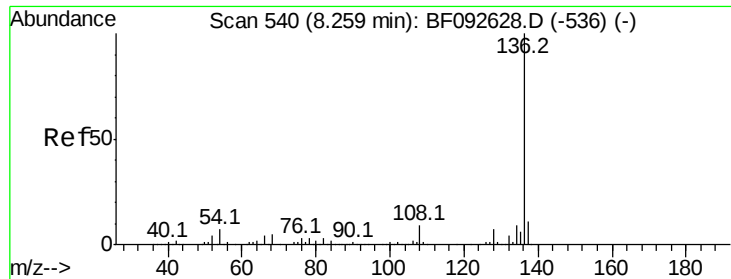
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#20
3+4-Methylphenols
Concen: 40.88 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093137.D
Acq: 24 Feb 2017 8:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.8	73.0	113.0
77	117.3	71.3	111.3#
79	26.4	11.1	51.1





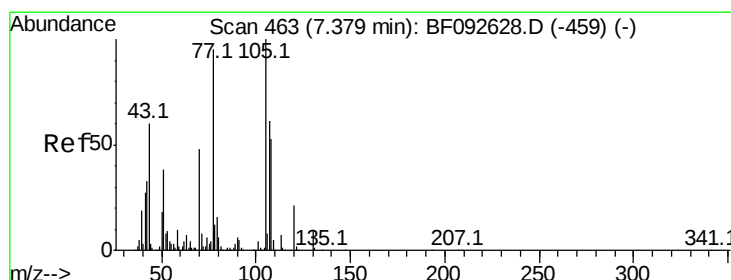
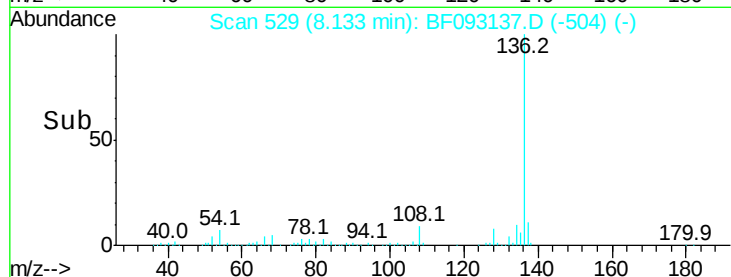
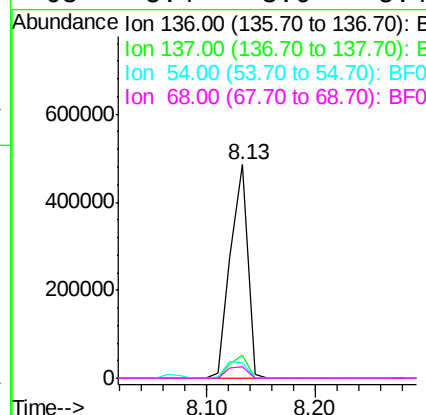
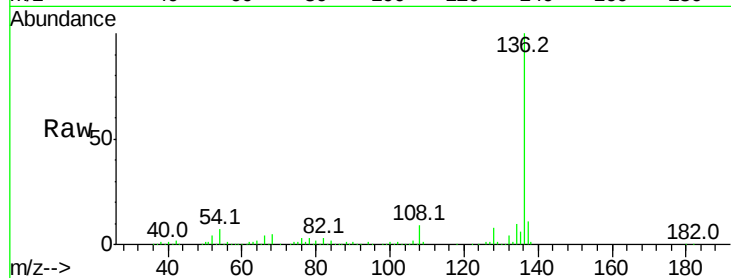
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093137.D
Acq: 24 Feb 2017 8:21

Instrument :
BNA_F
ClientSampleId :
TP23-24-COMP17MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.4	12.6	
54	7.5	4.5	6.7#	
68	5.4	3.6	5.4#	

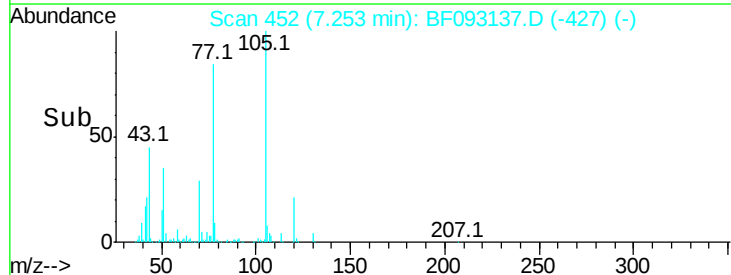
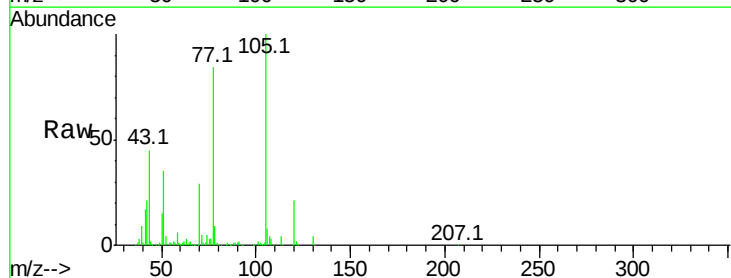
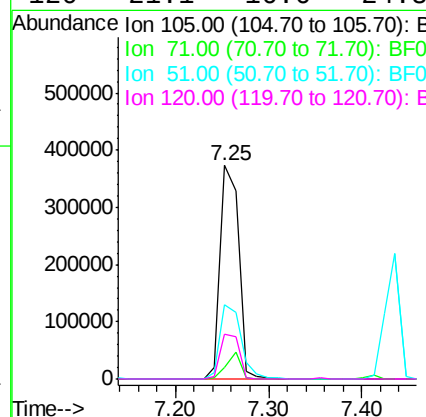
Manual Integrations
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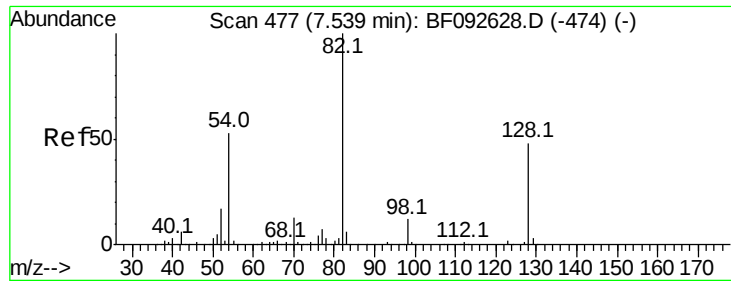
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#22
Acetophenone
Concen: 41.74 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF093137.D
Acq: 24 Feb 2017 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.2	3.2	4.8#	
51	34.7	26.2	39.4	
120	21.1	16.6	24.8	





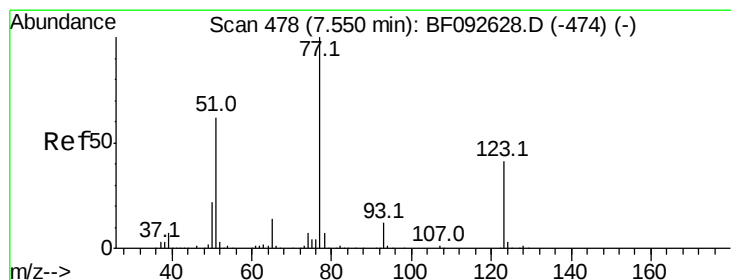
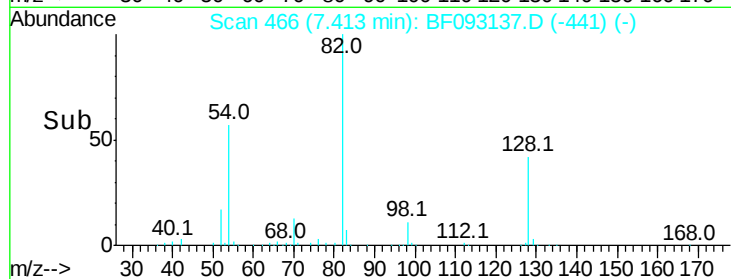
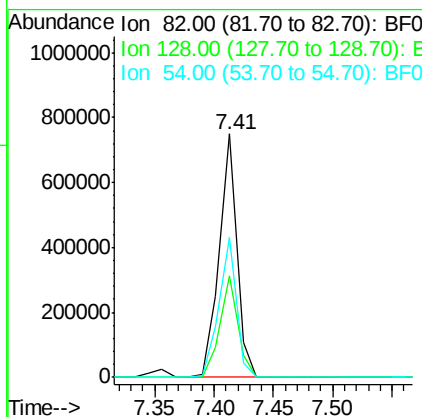
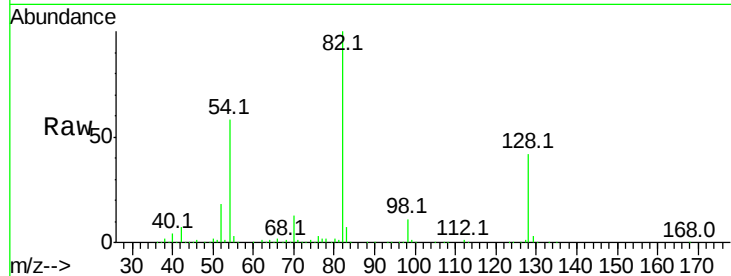
#23
 Nitrobenzene-d5
 Concen: 79.80 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093137.D
 Acq: 24 Feb 2017 8:21

Instrument :
 BNA_F
 ClientSampleId :
 TP23-24-COMP17MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.9	34.6	52.0	
54	57.6	39.5	59.3	

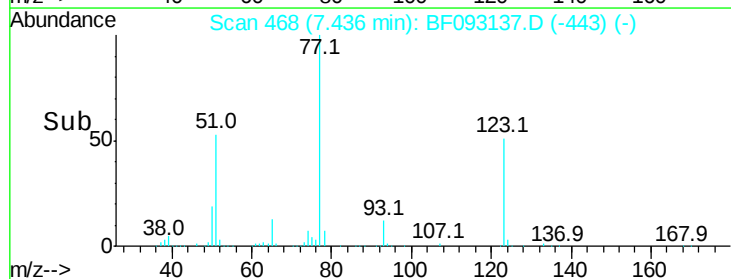
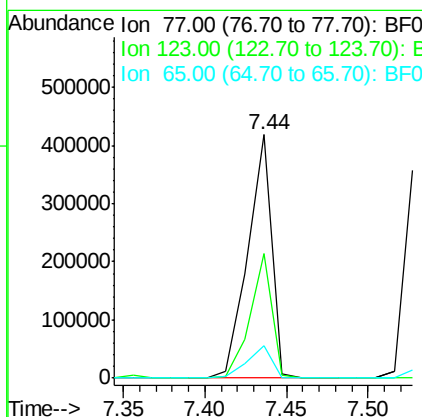
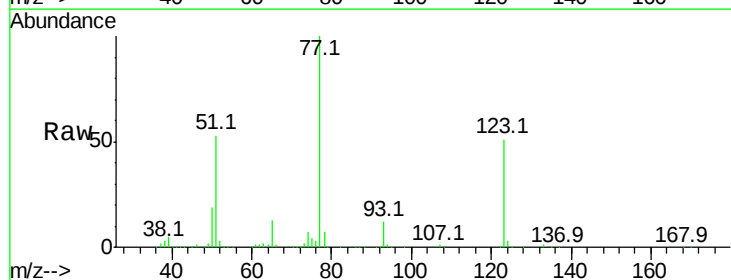
Manual Integrations
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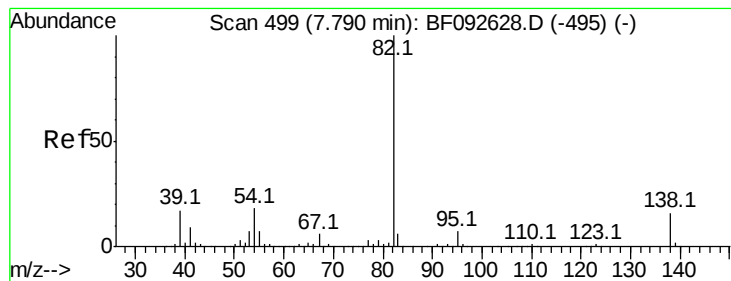
mohammad
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#24
 Nitrobenzene
 Concen: 42.74 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF093137.D
 Acq: 24 Feb 2017 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	51.3	33.0	49.4#	
65	13.2	11.2	16.8	





#25

Isophorone

Concen: 41.74 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF093137.D

Acq: 24 Feb 2017 8:21

Instrument :

BNA_F

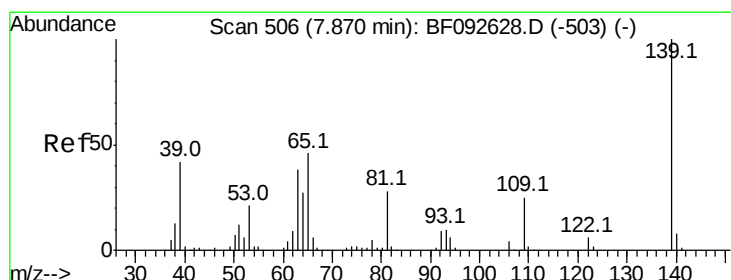
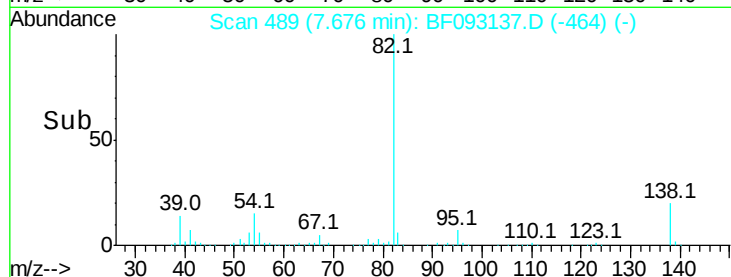
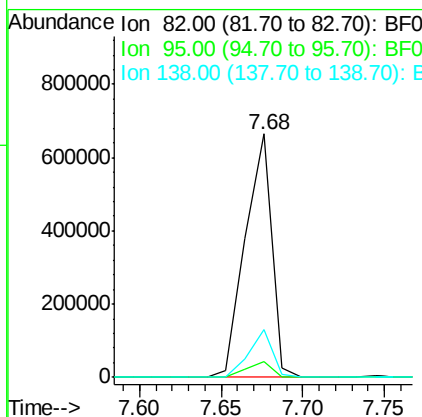
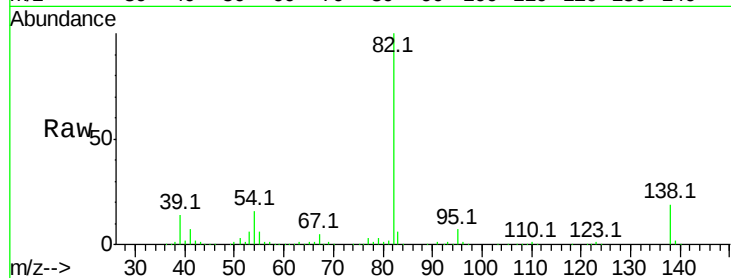
ClientSampleId :

TP23-24-COMP17MSD

Tot Ion:	82	Resp:	748914
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.6	8.4
138	19.4	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 37.21 ng

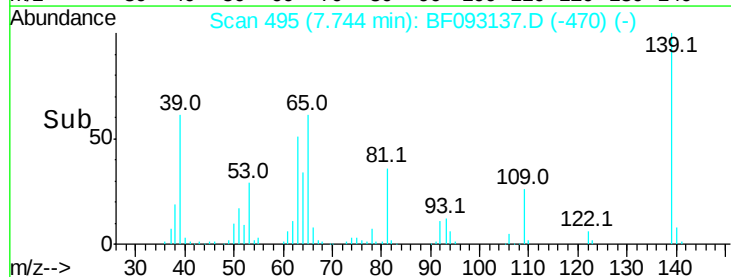
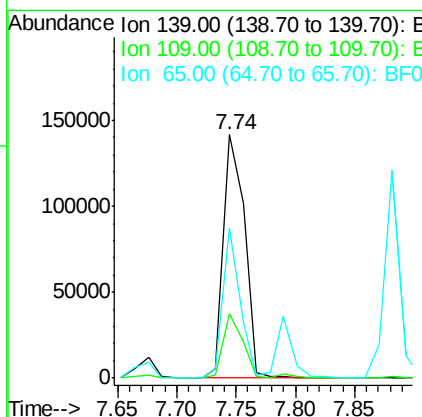
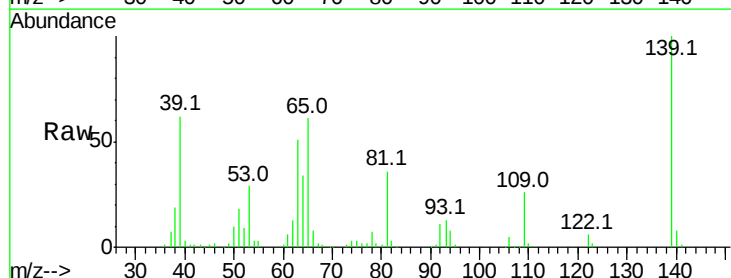
RT: 7.74 min Scan# 495

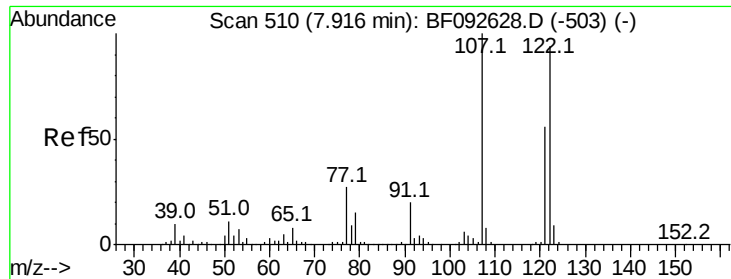
Delta R.T. -0.01 min

Lab File: BF093137.D

Acq: 24 Feb 2017 8:21

Tgt Ion:	139	Resp:	174904
Ion Ratio	Lower	Upper	
139	100		
109	26.4	23.3	34.9
65	61.4	42.7	64.1





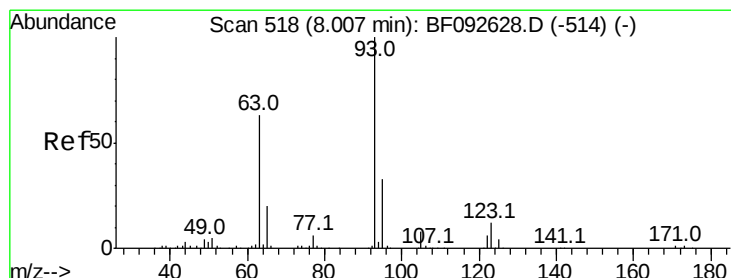
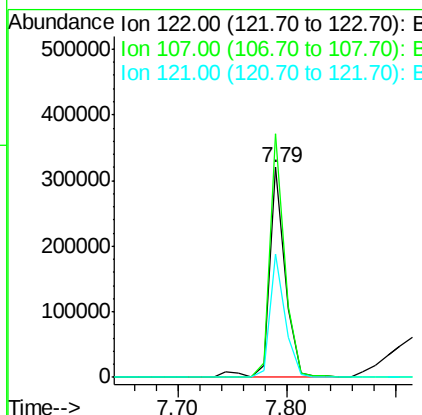
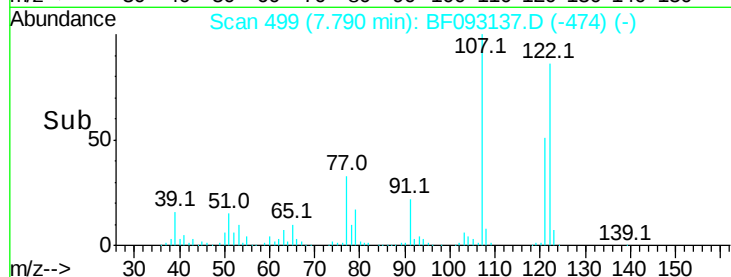
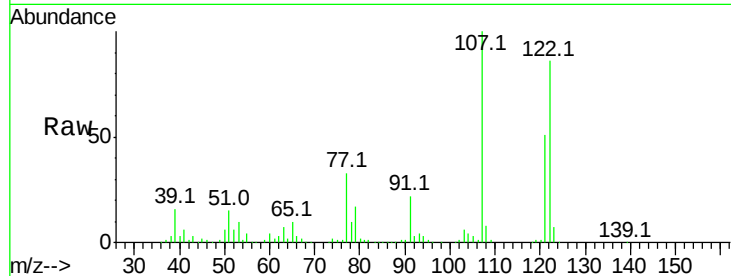
#27
2,4-Dimethylphenol
Concen: 38.97 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.01 min
Lab File: BF093137.D
Acq: 24 Feb 2017 8:21

Instrument :
BNA_F
ClientSampleId :
TP23-24-COMP17MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	321643		
107	115.8	94.1	141.1	
121	58.6	46.0	69.0	

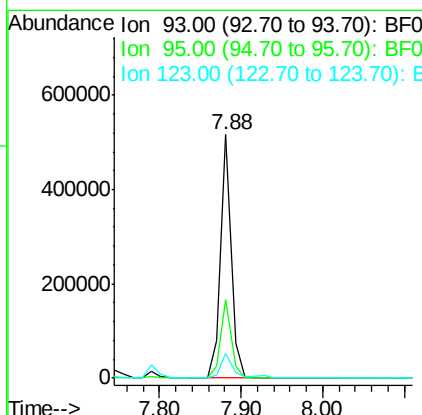
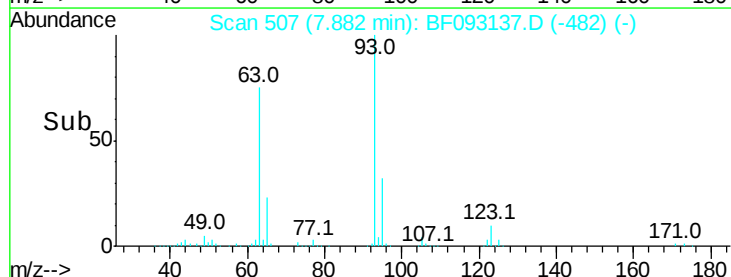
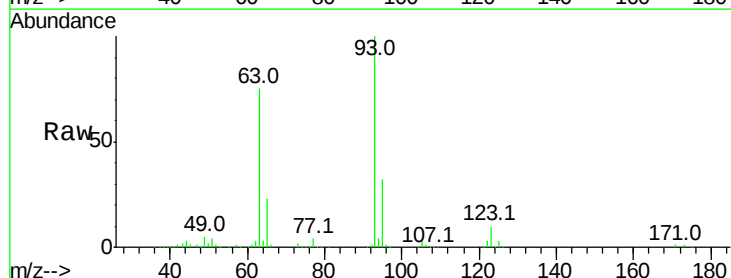
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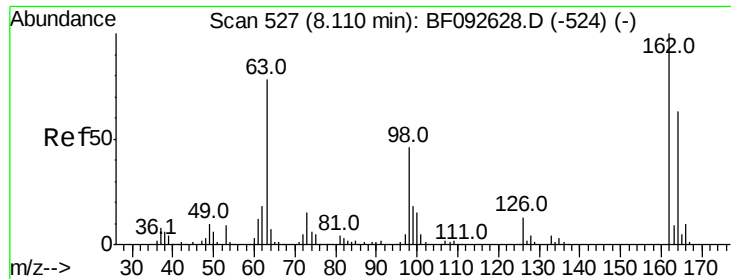
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#28
bis(2-Chloroethoxy)methane
Concen: 39.32 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF093137.D
Acq: 24 Feb 2017 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	467219		
95	32.3	26.5	39.7	
123	10.0	8.6	13.0	





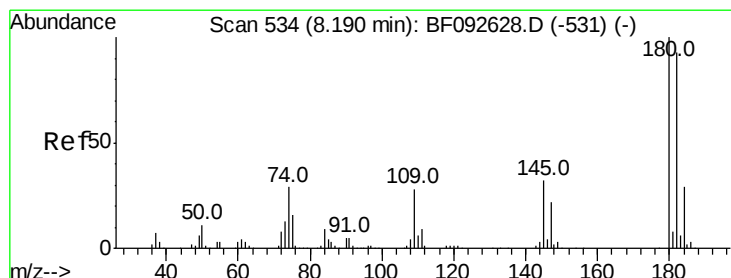
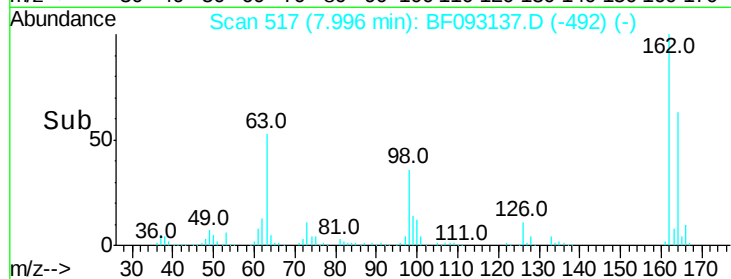
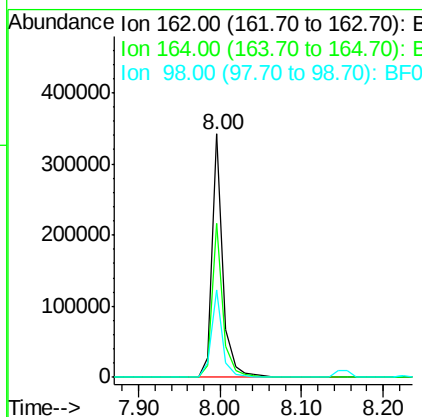
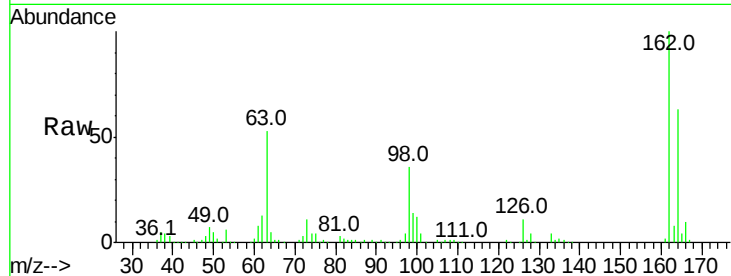
#29
2,4-Dichlorophenol
Concen: 41.71 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF093137.D
Acq: 24 Feb 2017 8:21

Instrument :
BNA_F
ClientSampleId :
TP23-24-COMP17MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.3	46.8	86.8
98	35.7	9.1	49.1

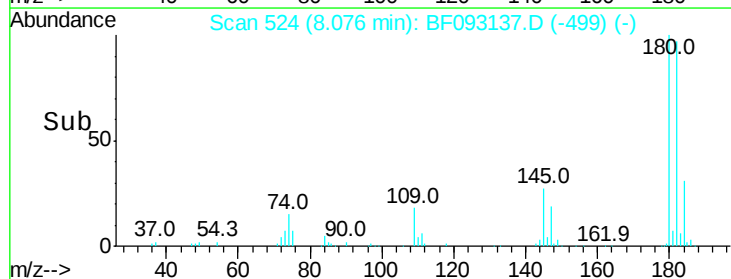
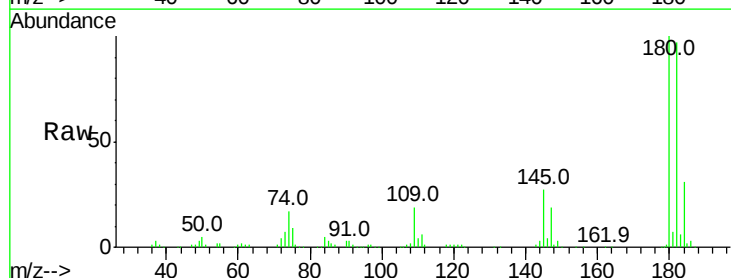
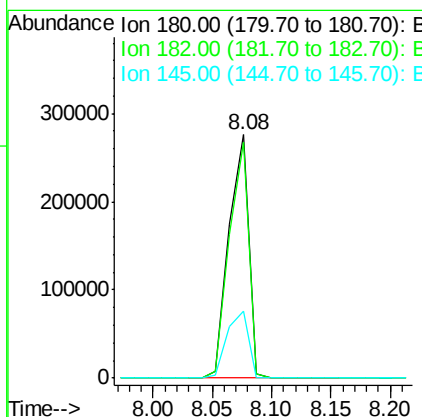
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#30
1,2,4-Trichlorobenzene
Concen: 38.44 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF093137.D
Acq: 24 Feb 2017 8:21

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.9	78.2	117.4
145	27.3	21.6	32.4





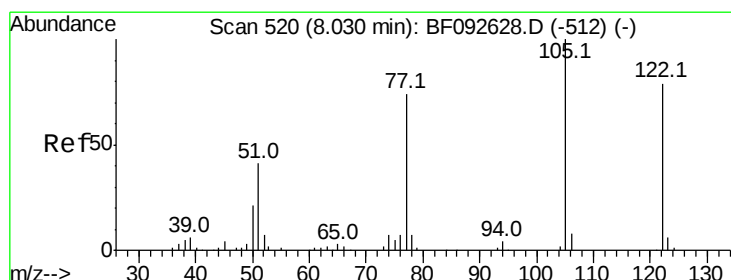
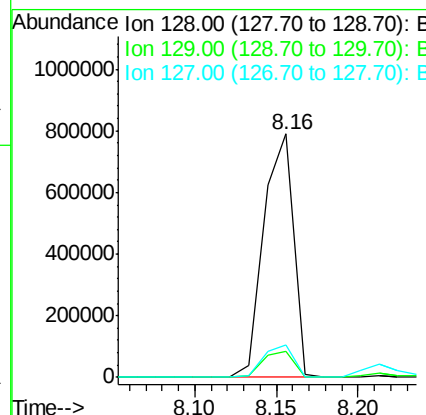
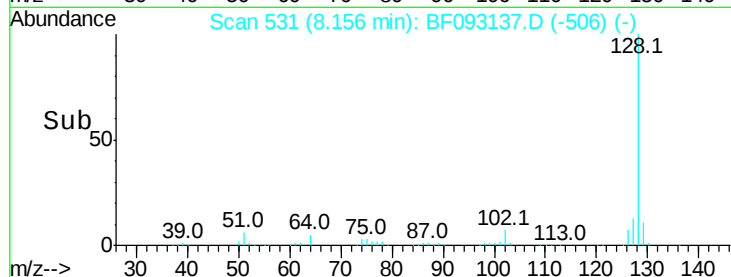
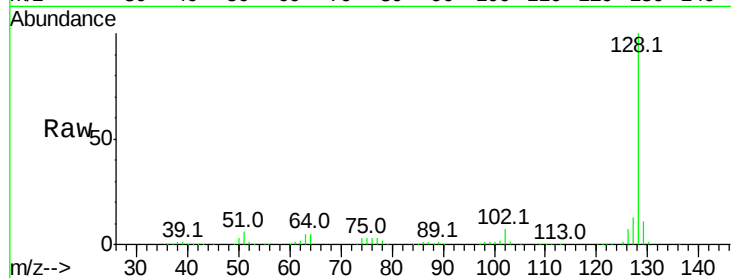
#31
Naphthalene
Concen: 36.90 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF093137.D
Acq: 24 Feb 2017 8:21

Instrument :
BNA_F
ClientSampleId :
TP23-24-COMP17MSD

Tot Ion:128 Resp: 1003108
Ion Ratio Lower Upper
128 100
129 10.7 9.5 14.3
127 13.3 10.8 16.2

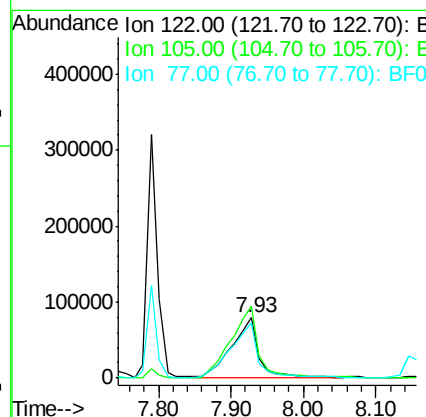
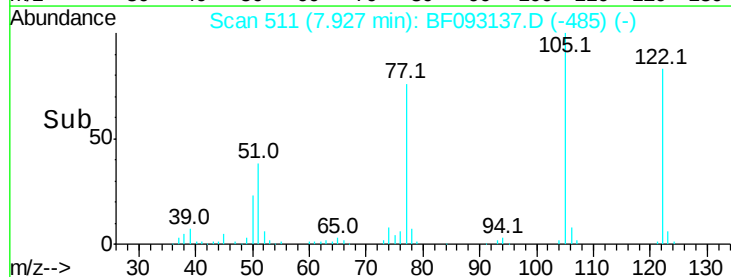
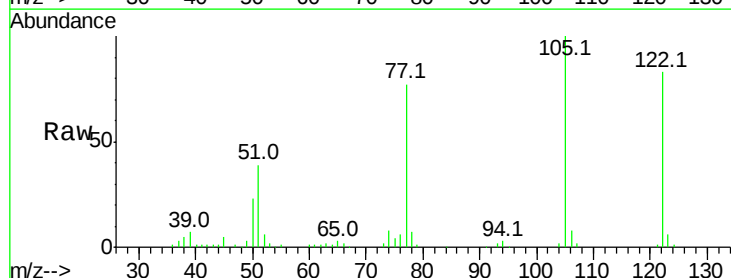
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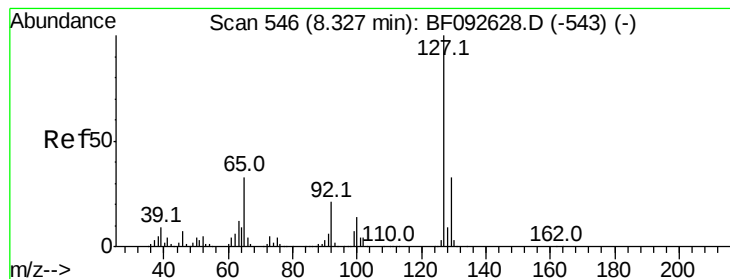
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#32
Benzoic acid
Concen: 43.84 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF093137.D
Acq: 24 Feb 2017 8:21

Tgt Ion:122 Resp: 201634
Ion Ratio Lower Upper
122 100
105 120.6 107.2 147.2
77 92.6 74.5 114.5





#33

4-Chloroaniline

Concen: 7.41 ng

RT: 8.21 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF093137.D

Acq: 24 Feb 2017 8:21

Instrument :

BNA_F

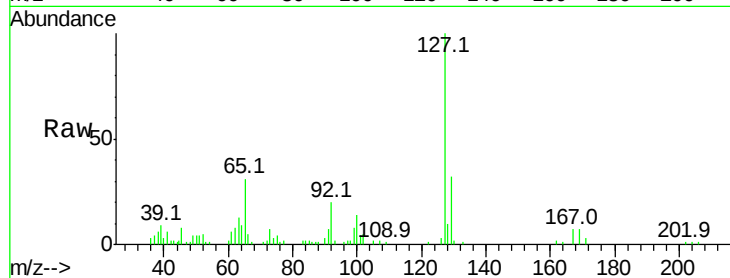
ClientSampleId :

TP23-24-COMP17MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.3	39.5
65	31.4	25.8	38.8
92	20.0	16.1	24.1

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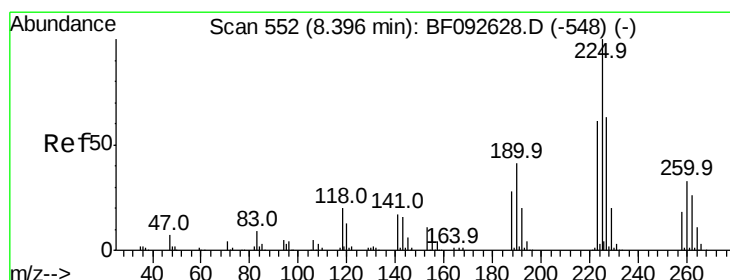
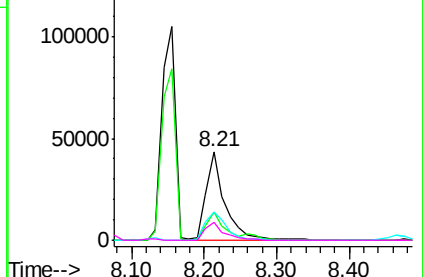
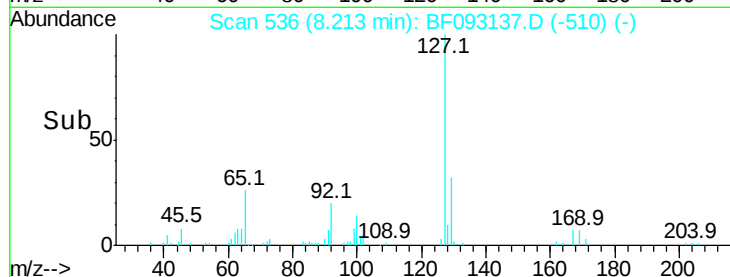


Abundance Ion 127.00 (126.70 to 127.70): E

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: 37.36 ng

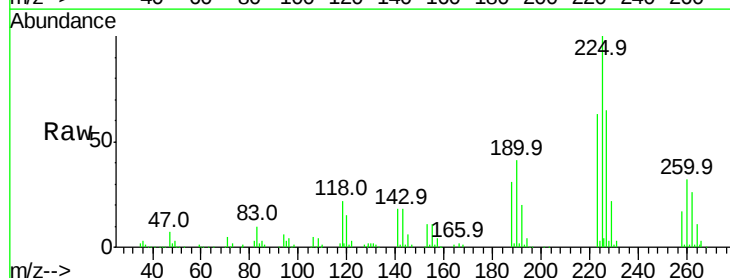
RT: 8.27 min Scan# 541

Delta R.T. -0.01 min

Lab File: BF093137.D

Acq: 24 Feb 2017 8:21

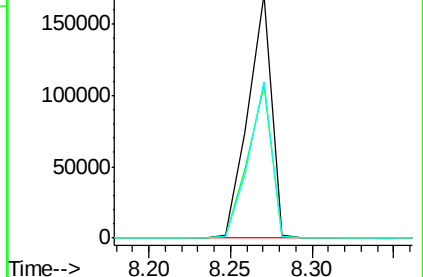
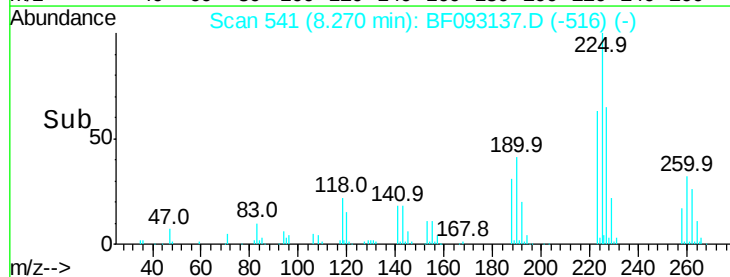
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.0	76.6
227	64.5	50.6	76.0

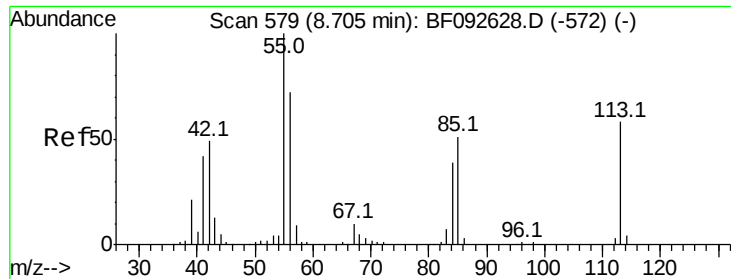


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





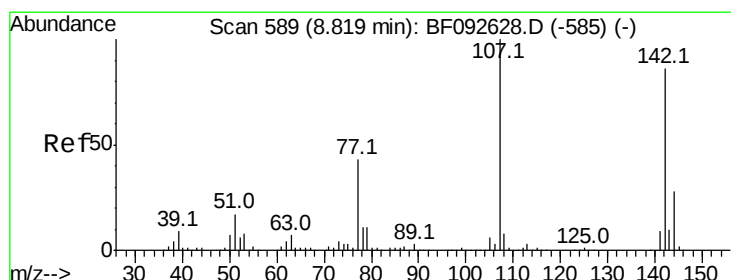
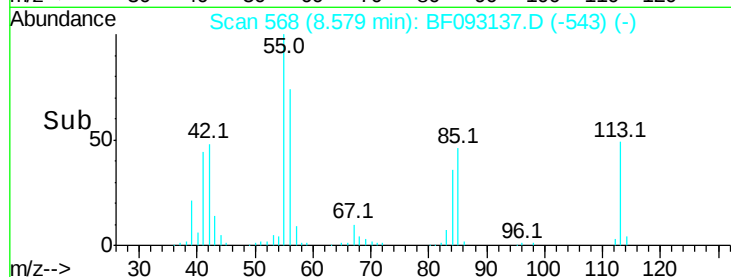
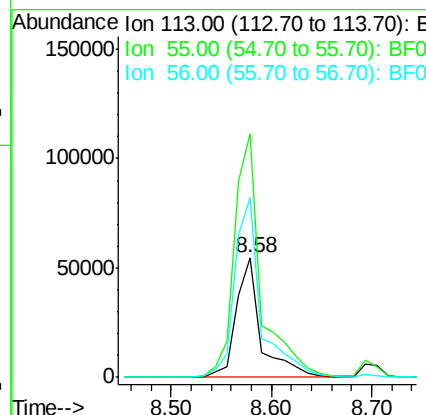
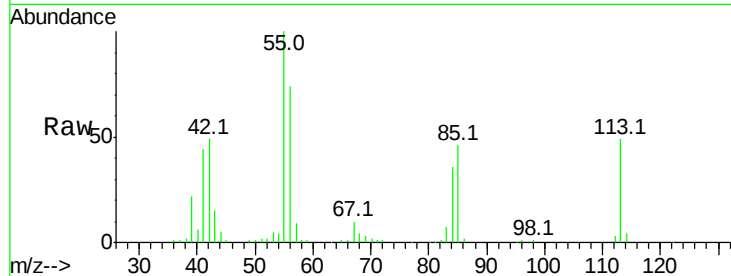
#35
 Caprolactam
 Concen: 38.35 ng
 RT: 8.58 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF093137.D
 Acq: 24 Feb 2017 8:21

Instrument :
 BNA_F
 ClientSampleId :
 TP23-24-COMP17MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	202.9	119.2	159.2#
56	149.5	83.8	123.8#

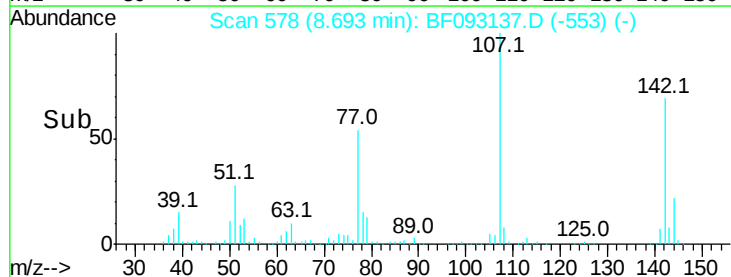
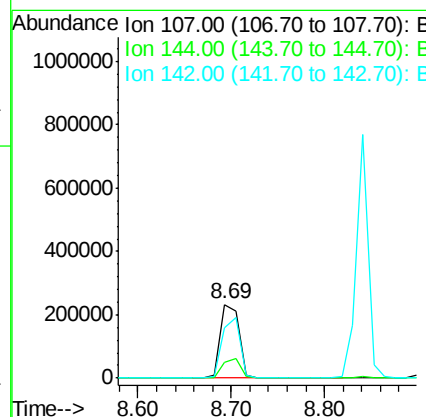
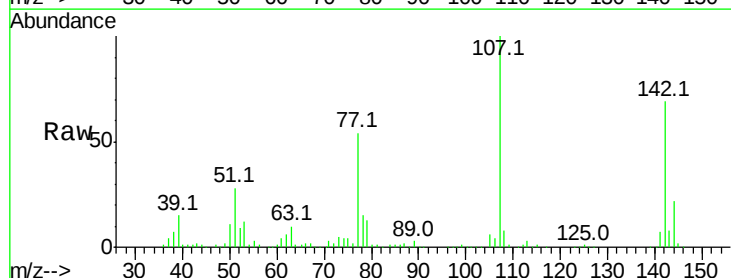
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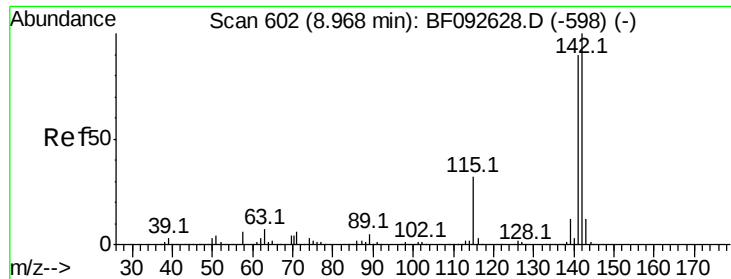
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#36
 4-Chloro-3-methylphenol
 Concen: 40.43 ng
 RT: 8.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF093137.D
 Acq: 24 Feb 2017 8:21

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.6	19.3	28.9
142	68.8	59.0	88.6





#37

2-Methylnaphthalene

Concen: 38.66 ng

RT: 8.84 min Scan# 591

Delta R.T. -0.01 min

Lab File: BF093137.D

Acq: 24 Feb 2017 8:21

Instrument :

BNA_F

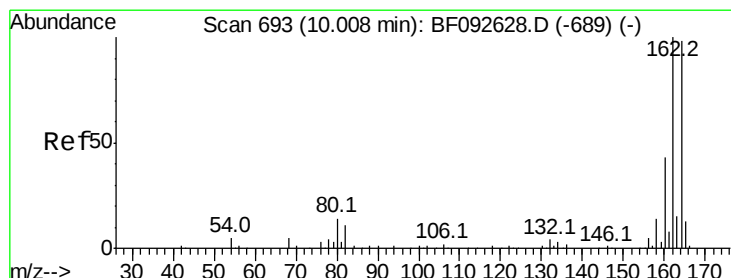
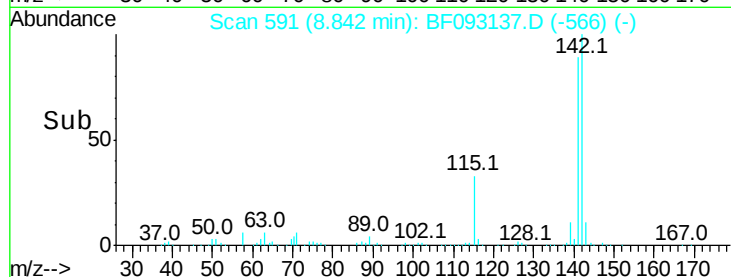
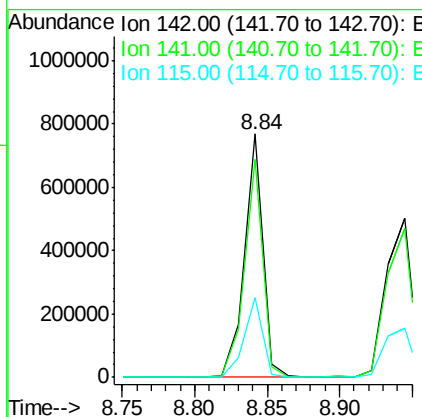
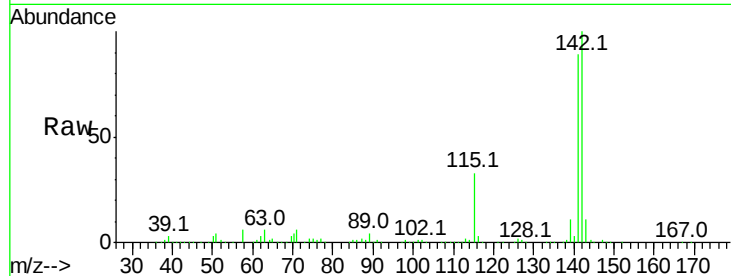
ClientSampleId :

TP23-24-COMP17MSD

Tot Ion:	142	Resp:	674744
Ion Ratio	Lower	Upper	
142	100		
141	89.5	71.0	106.6
115	32.6	28.3	42.5

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#38

Acenaphthene-d10

Concen: 20.00 ng

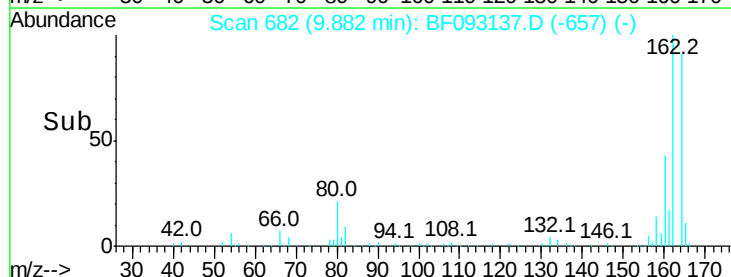
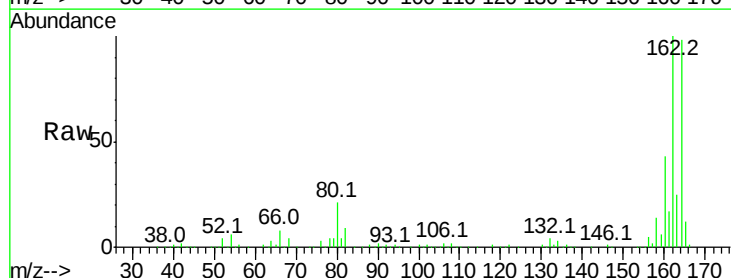
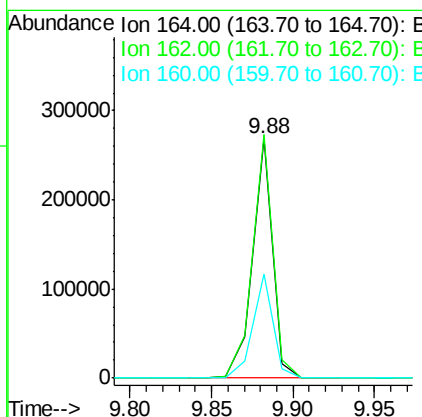
RT: 9.88 min Scan# 682

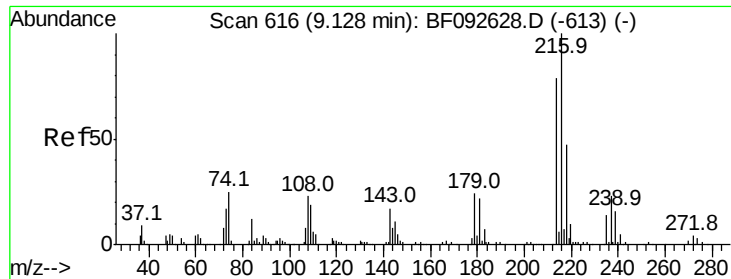
Delta R.T. -0.01 min

Lab File: BF093137.D

Acq: 24 Feb 2017 8:21

Tgt Ion:	164	Resp:	228664
Ion Ratio	Lower	Upper	
164	100		
162	101.6	80.2	120.2
160	43.7	36.9	55.3





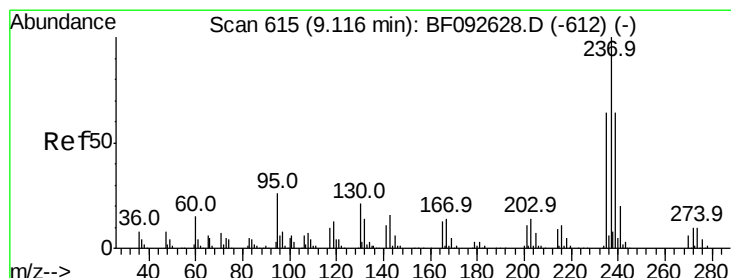
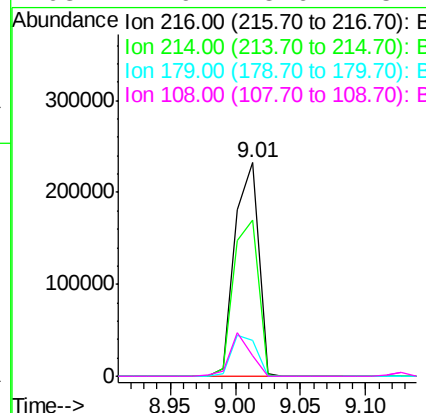
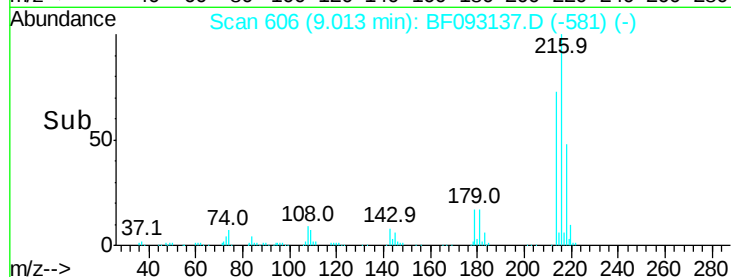
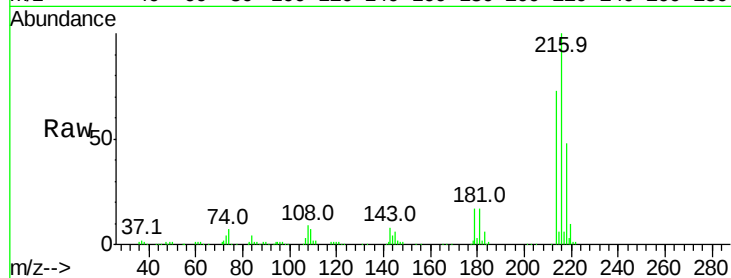
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.44 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF093137.D
 Acq: 24 Feb 2017 8:21

Instrument :
 BNA_F
 ClientSampleId :
 TP23-24-COMP17MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	291693		
214	77.2	63.4	95.0	
179	20.3	17.4	26.2	
108	17.9	15.6	23.4	

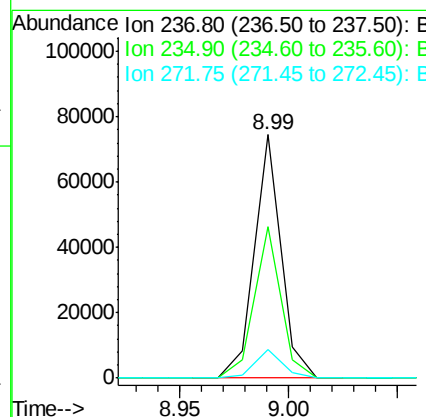
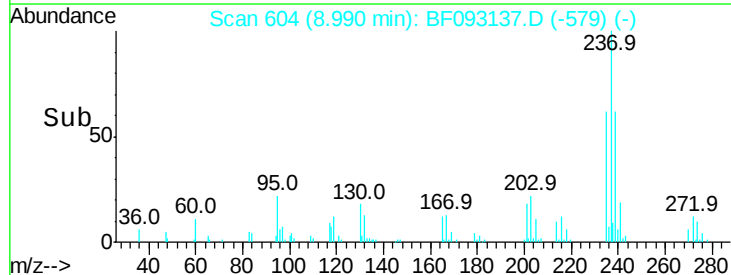
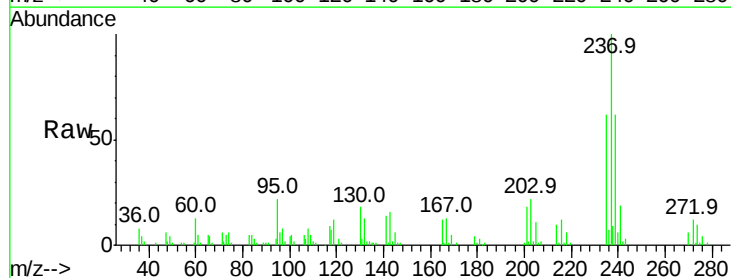
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#40
 Hexachlorocyclopentadiene
 Concen: 21.83 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF093137.D
 Acq: 24 Feb 2017 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	63213		
235	62.4	41.2	81.2	
272	11.8	0.0	35.4	





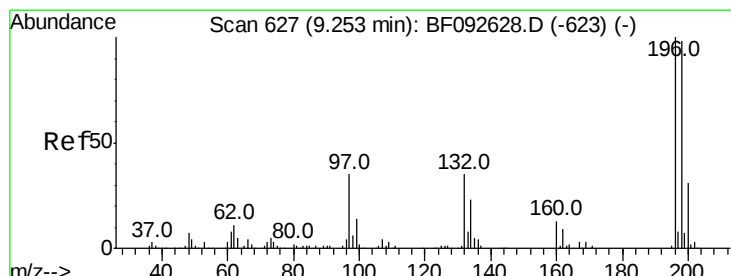
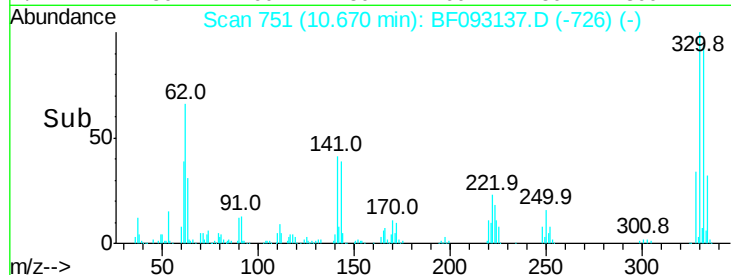
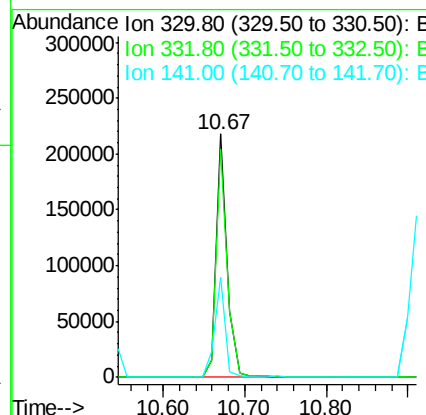
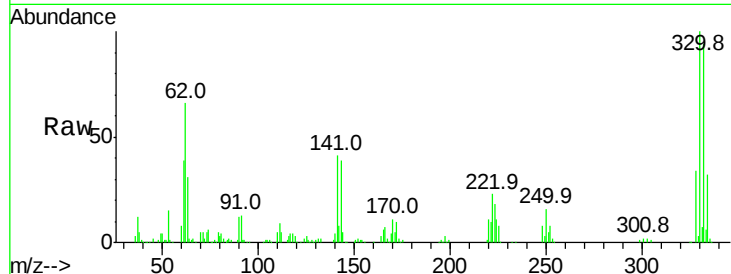
#41
 2,4,6-Tribromophenol
 Concen: 125.63 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093137.D
 Acq: 24 Feb 2017 8:21

Instrument :
 BNA_F
 ClientSampleId :
 TP23-24-COMP17MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	207769		
332	95.4		77.4	116.2
141	40.3		34.1	51.1

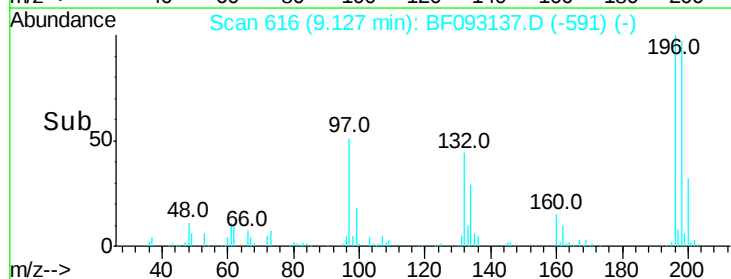
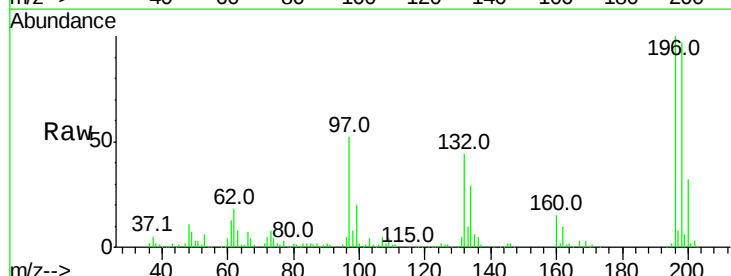
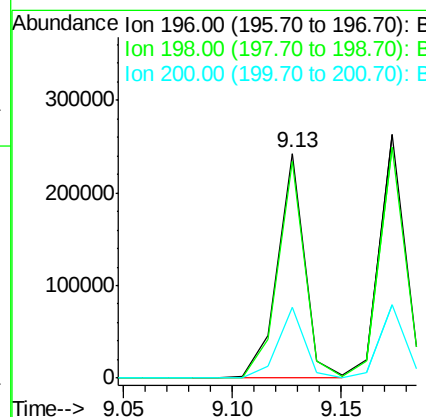
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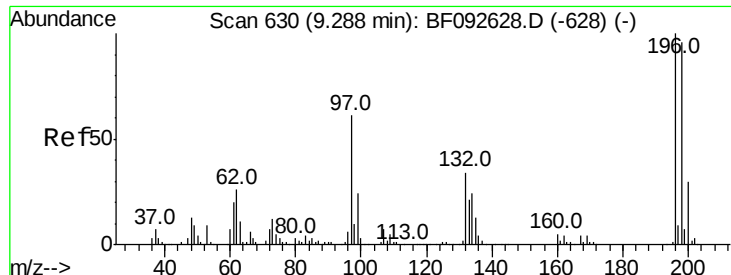
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#42
 2,4,6-Trichlorophenol
 Concen: 50.60 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF093137.D
 Acq: 24 Feb 2017 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	213411		
198	96.6		82.1	123.1
200	31.5		27.0	40.4





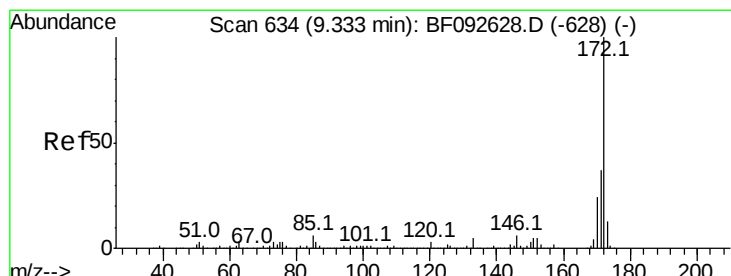
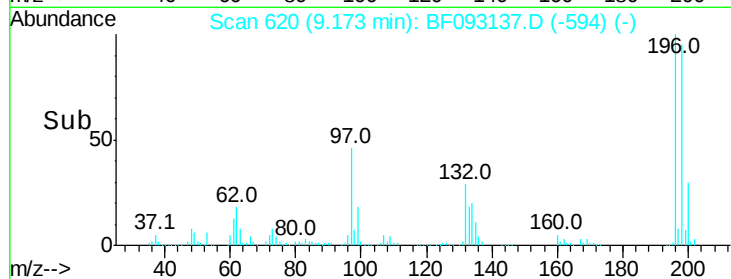
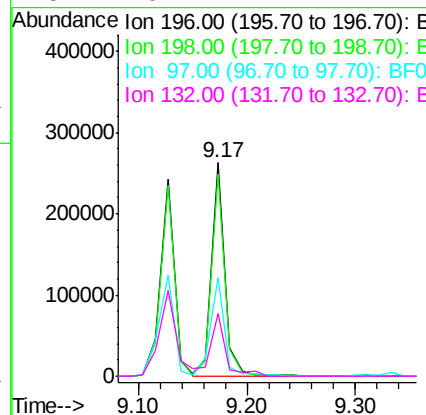
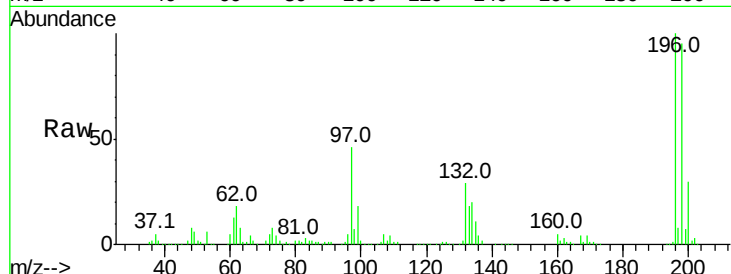
#43
 2,4,5-Trichlorophenol
 Concen: 48.58 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF093137.D
 Acq: 24 Feb 2017 8:21

Instrument :
 BNA_F
 ClientSampleId :
 TP23-24-COMP17MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	224502		
198	95.0	79.4	119.2	
97	46.4	51.5	77.3#	
132	29.2	27.4	41.2	

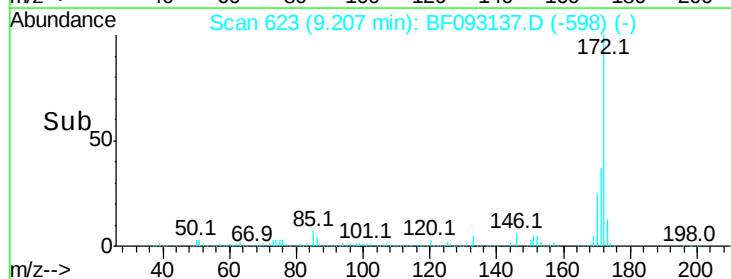
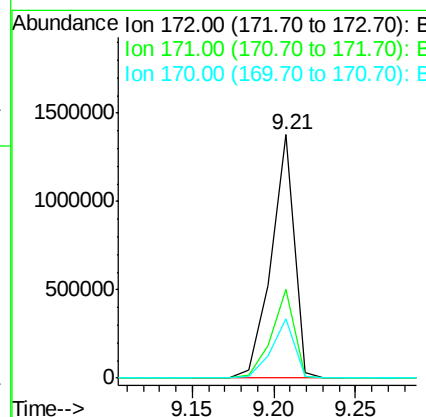
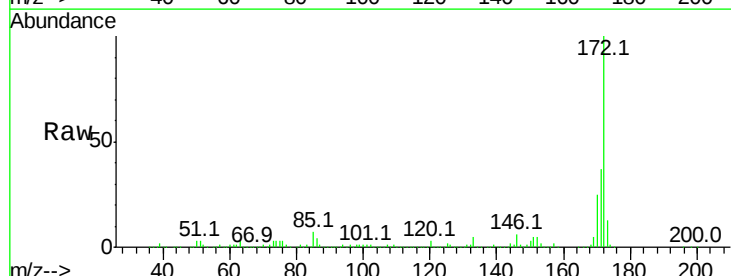
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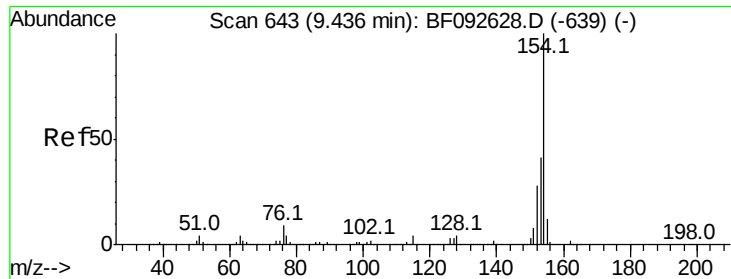
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 107.81 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093137.D
 Acq: 24 Feb 2017 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1360739		
171	36.6	29.4	44.0	
170	24.5	20.2	30.4	





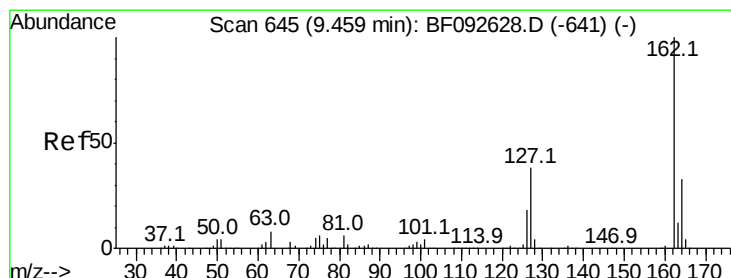
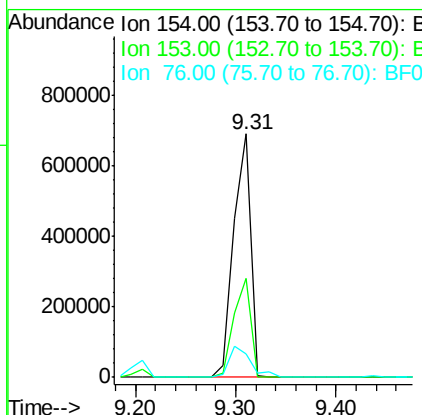
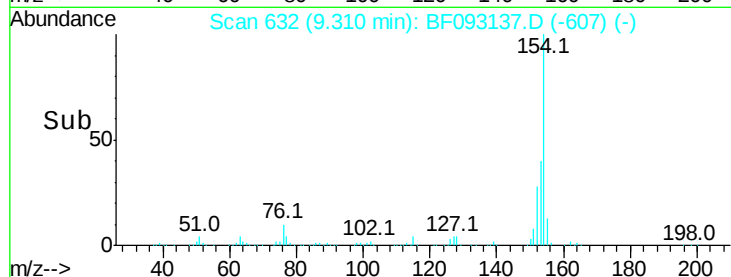
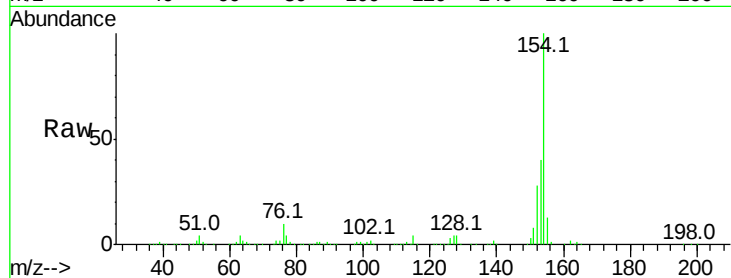
#45
 1,1'-Biphenyl
 Concen: 48.98 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BF093137.D
 Acq: 24 Feb 2017 8:21

Instrument :
 BNA_F
 ClientSampleId :
 TP23-24-COMP17MSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.4	20.9	60.9	
76	9.6	0.0	30.5	

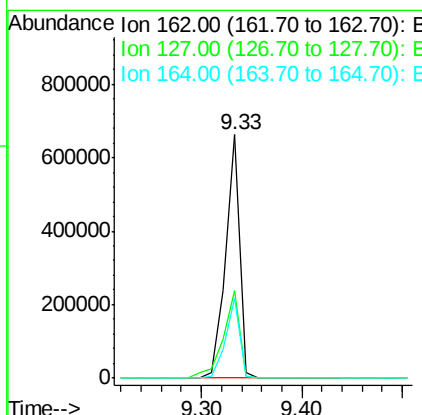
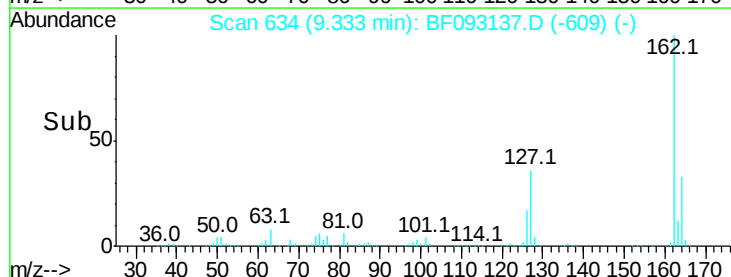
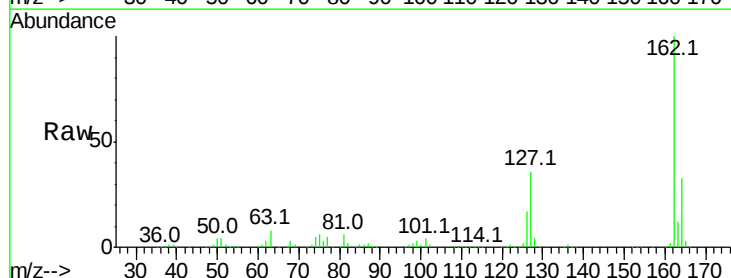
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#46
 2-Chloronaphthalene
 Concen: 49.58 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF093137.D
 Acq: 24 Feb 2017 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	35.8	30.7	46.1	
164	32.8	27.6	41.4	





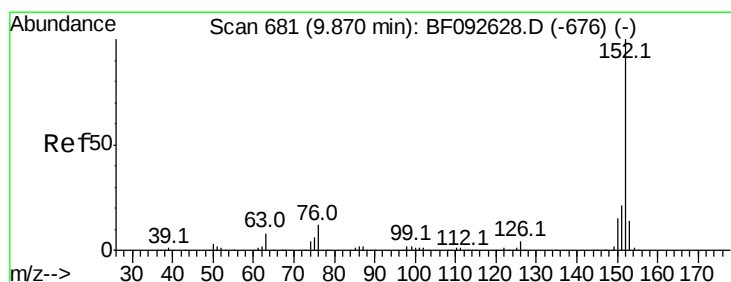
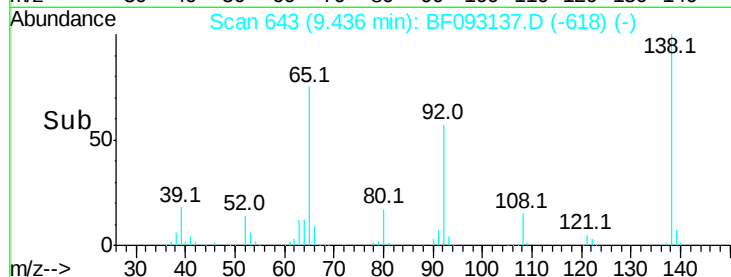
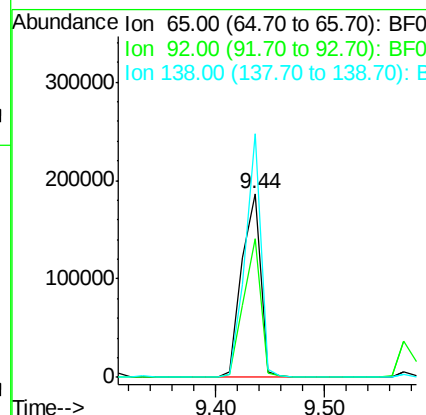
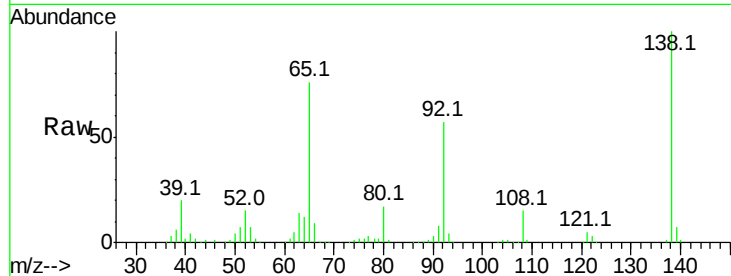
#47
2-Nitroaniline
Concen: 50.98 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.01 min
Lab File: BF093137.D
Acq: 24 Feb 2017 8:21

Instrument :
BNA_F
ClientSampleId :
TP23-24-COMP17MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	75.5	53.9	80.9
138	132.3	76.8	115.2

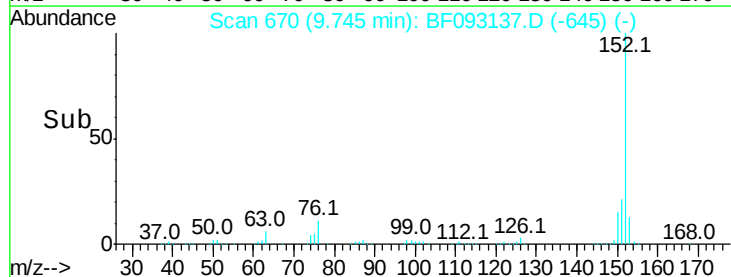
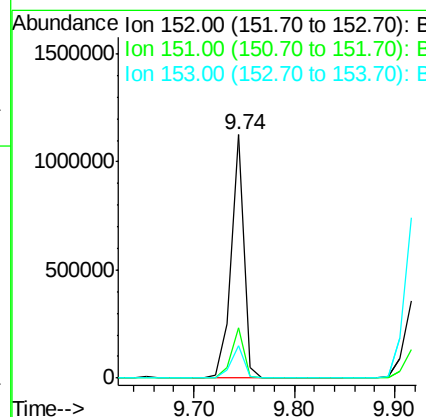
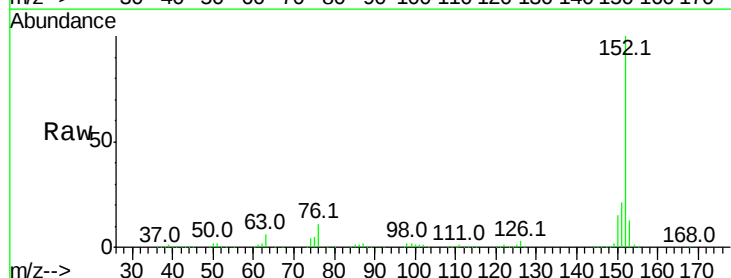
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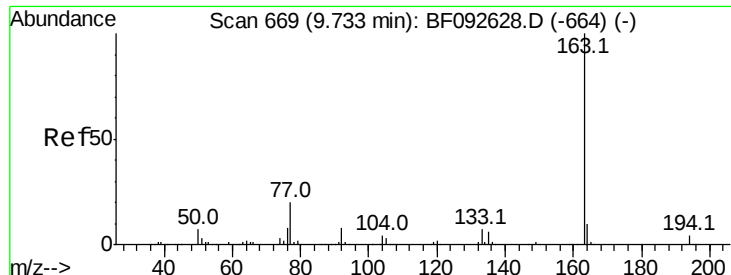
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#48
Acenaphthylene
Concen: 44.25 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF093137.D
Acq: 24 Feb 2017 8:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.9	25.3
153	13.2	11.4	17.2





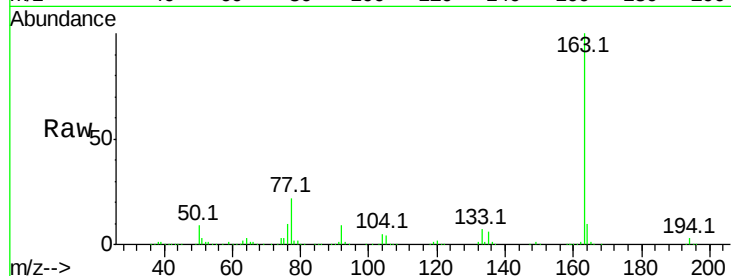
#49
Dimethylphthalate
Concen: 51.48 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF093137.D
Acq: 24 Feb 2017 8:21

Instrument :
BNA_F
ClientSampleId :
TP23-24-COMP17MSD

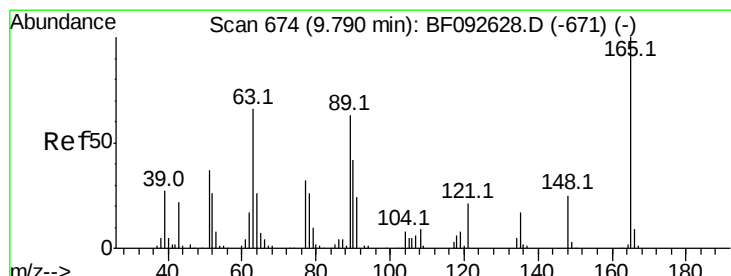
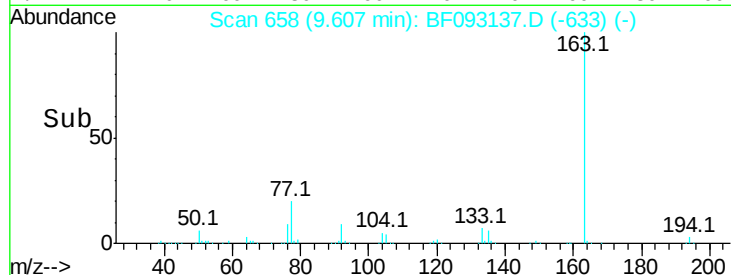
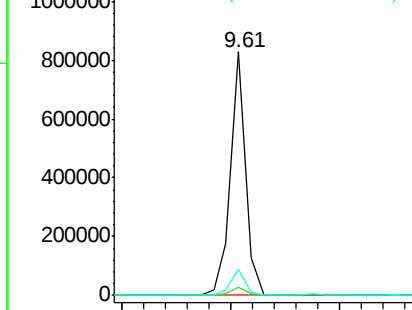
Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.3	3.0	4.4
164	10.5	8.0	12.0

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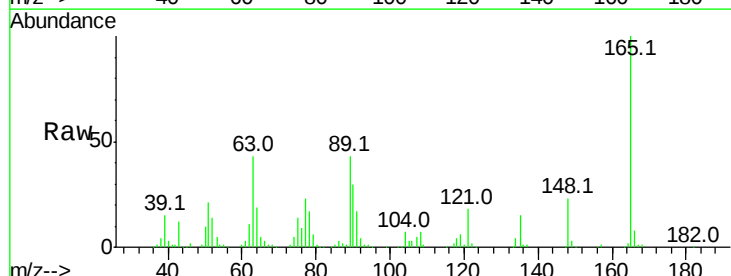


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

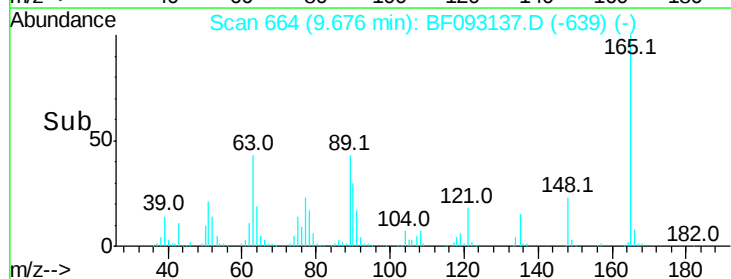
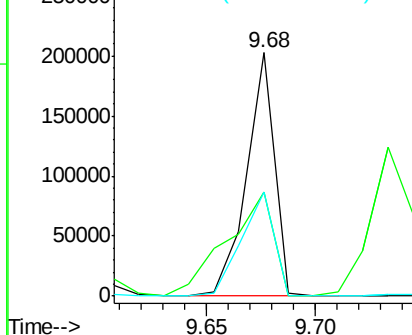


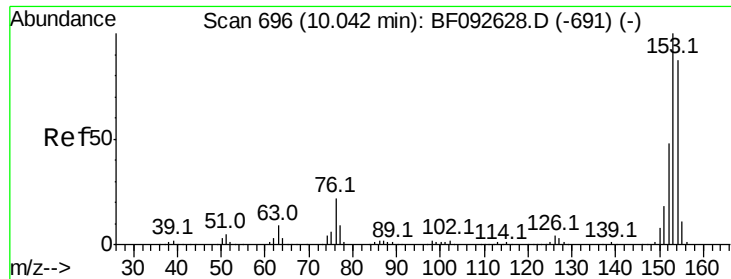
#50
2,6-Dinitrotoluene
Concen: 54.15 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF093137.D
Acq: 24 Feb 2017 8:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	42.5	36.2	54.4
89	42.6	40.2	60.4



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





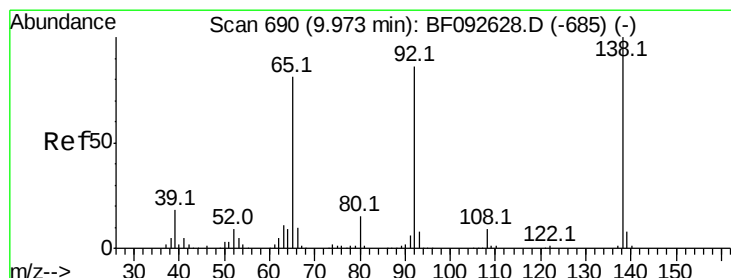
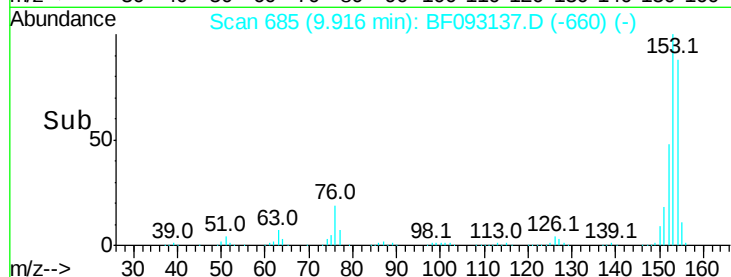
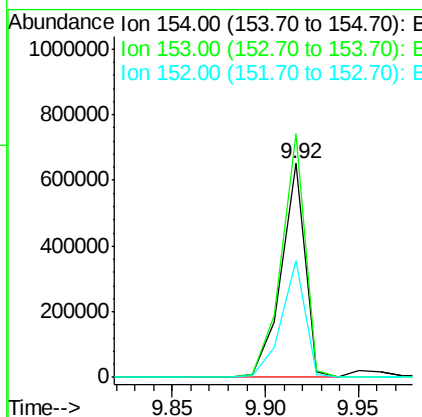
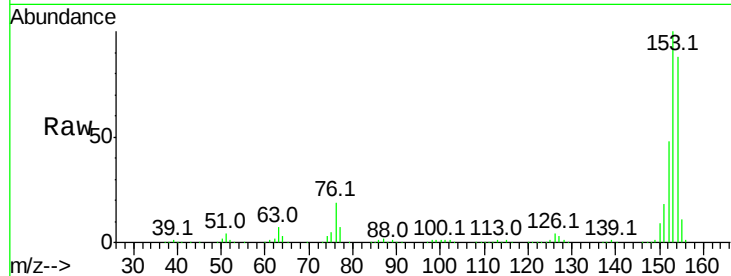
#51
Acenaphthene
Concen: 43.47 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF093137.D
Acq: 24 Feb 2017 8:21

Instrument :
BNA_F
ClientSampleId :
TP23-24-COMP17MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.7	88.6	133.0
152	54.7	41.6	62.4

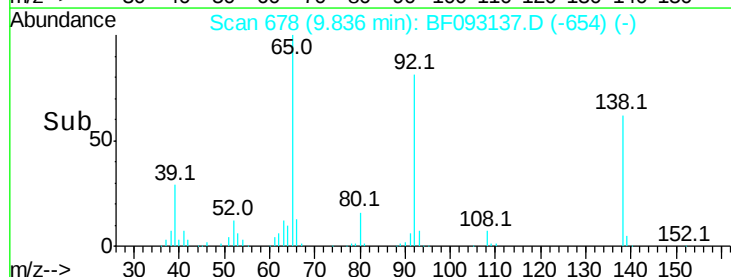
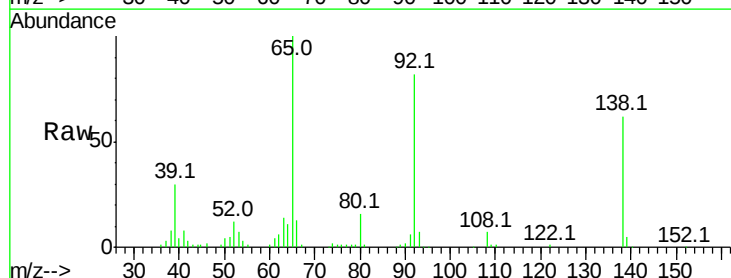
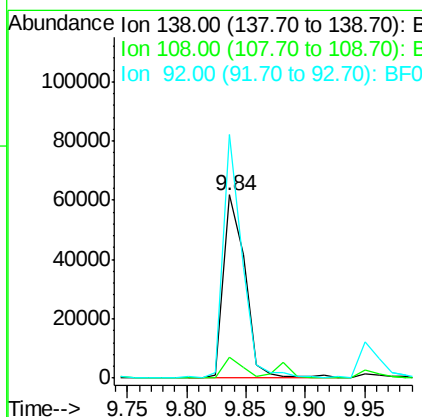
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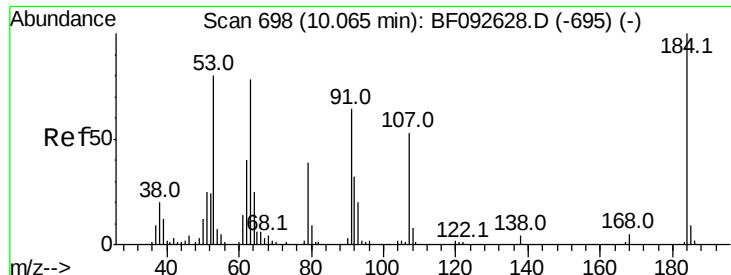
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#52
3-Nitroaniline
Concen: 20.23 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.02 min
Lab File: BF093137.D
Acq: 24 Feb 2017 8:21

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.3	8.5	12.7
92	133.0	97.8	146.8





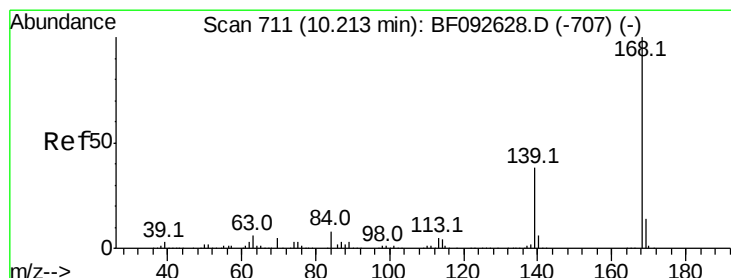
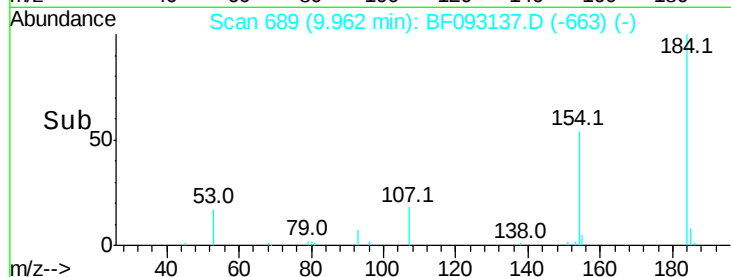
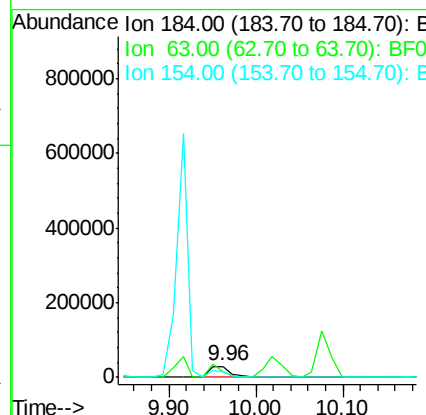
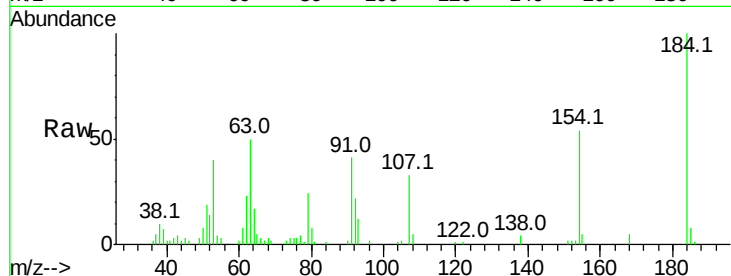
#53
 2,4-Dinitrophenol
 Concen: 34.64 ng
 RT: 9.96 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: BF093137.D
 Acq: 24 Feb 2017 8:21

Instrument :
 BNA_F
 ClientSampleId :
 TP23-24-COMP17MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	50.4	28.4	42.6	
154	54.3	44.3	66.5	

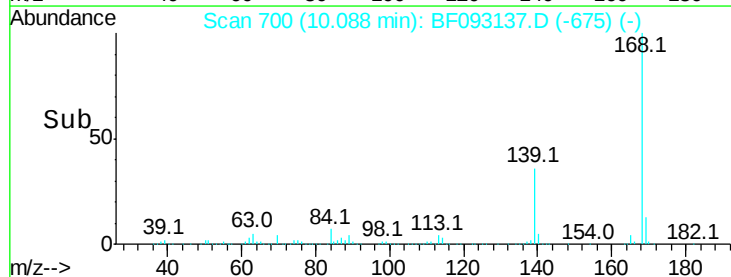
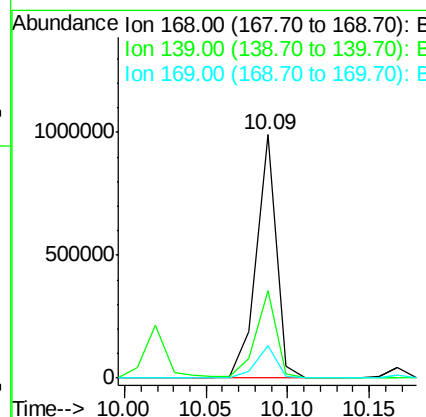
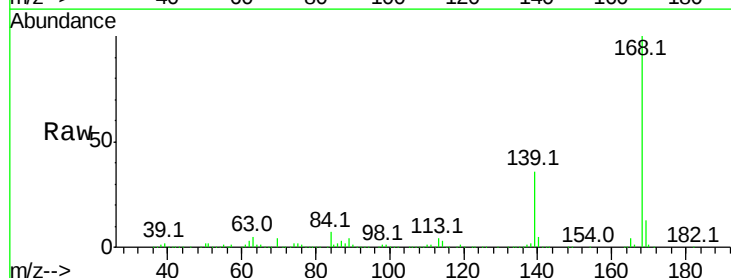
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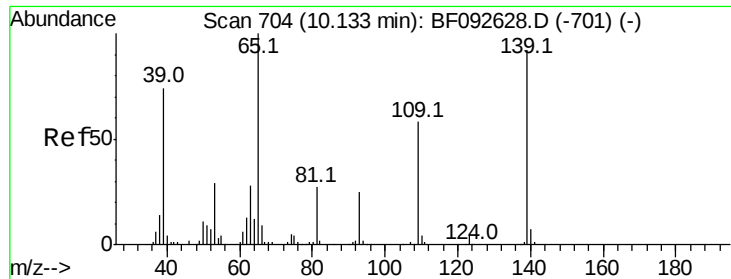
mohammad
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#54
 Dibenzofuran
 Concen: 47.48 ng
 RT: 10.09 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF093137.D
 Acq: 24 Feb 2017 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	36.1	32.6	49.0	
169	13.4	11.3	16.9	





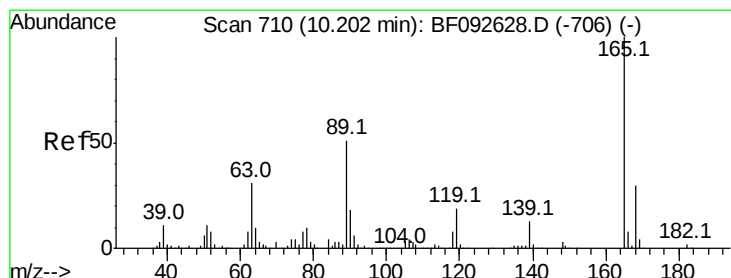
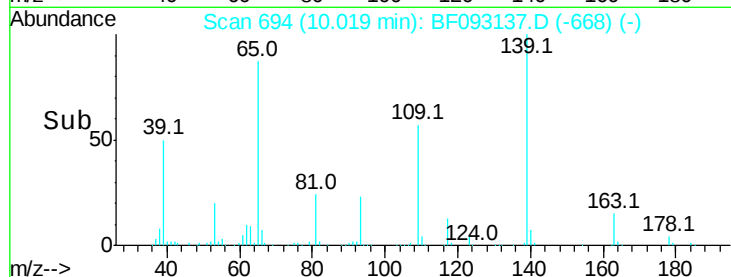
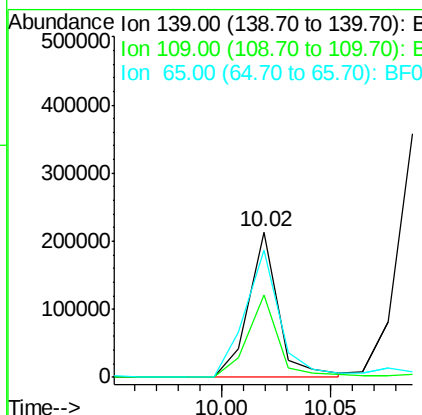
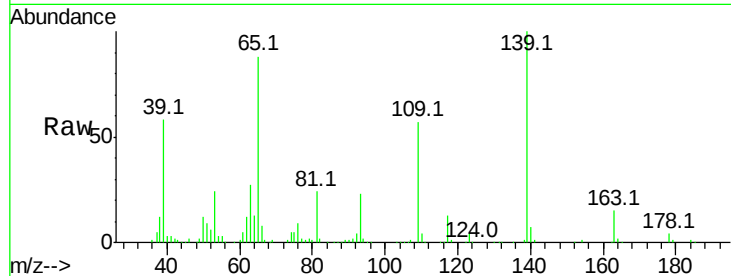
#55
4-Nitrophenol
Concen: 74.37 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.00 min
Lab File: BF093137.D
Acq: 24 Feb 2017 8:21

Instrument :
BNA_F
ClientSampleId :
TP23-24-COMP17MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	203906		
109	56.9	52.2	92.2	
65	87.6	85.8	125.8	

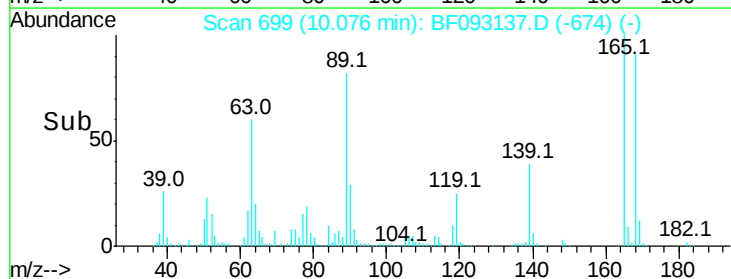
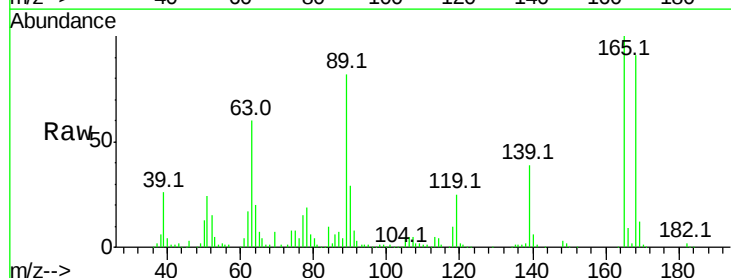
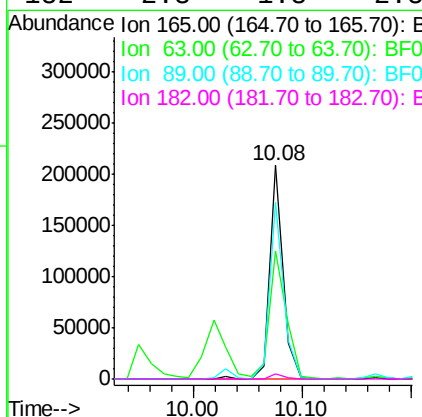
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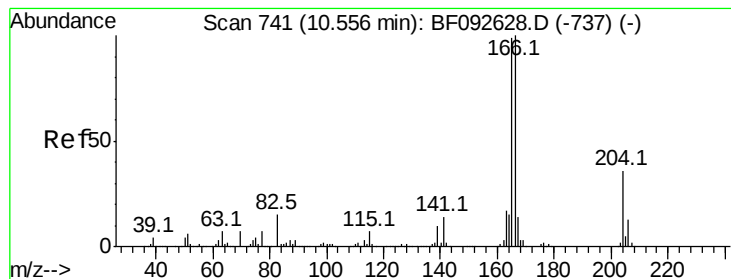
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#56
2,4-Dinitrotoluene
Concen: 40.42 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF093137.D
Acq: 24 Feb 2017 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	179011		
63	59.7	40.2	60.4	
89	82.5	62.5	93.7	
182	2.3	1.8	2.8	





#57

Fluorene

Concen: 47.06 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF093137.D

Acq: 24 Feb 2017 8:21

Instrument :

BNA_F

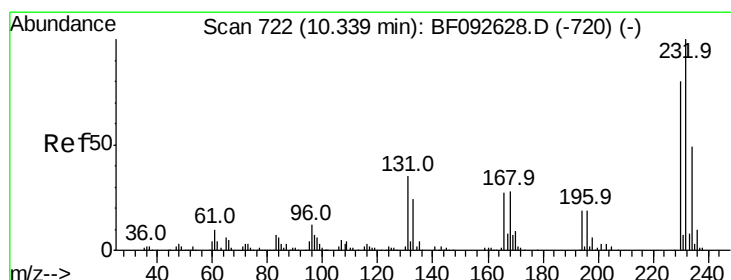
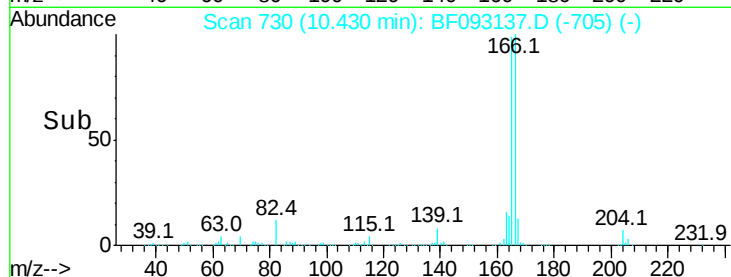
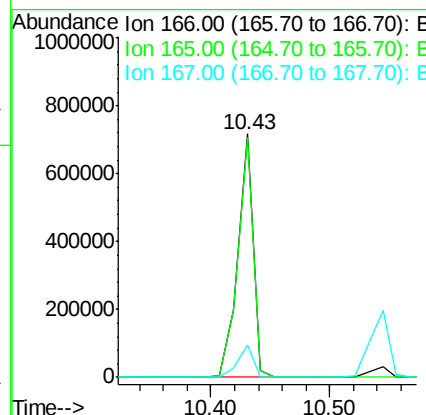
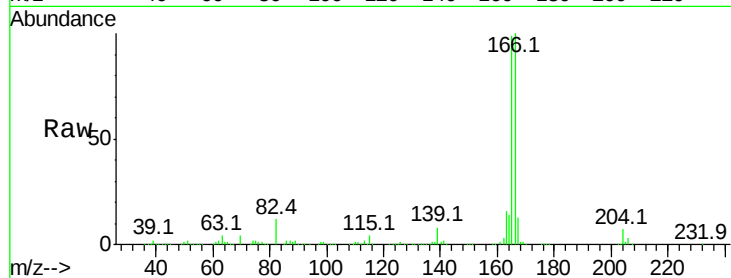
ClientSampleId :

TP23-24-COMP17MSD

Tot Ion:	166	Resp:	647860
Ion Ratio	Lower	Upper	
166	100		
165	98.7	77.8	116.8
167	13.3	10.8	16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 50.54 ng

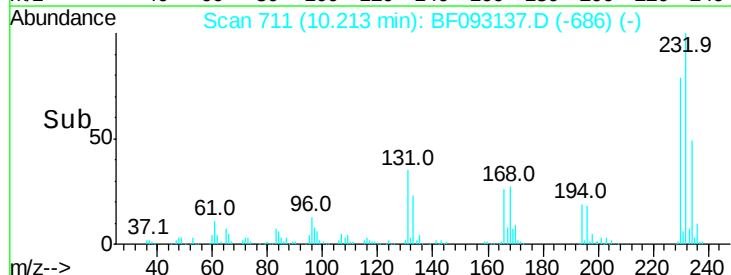
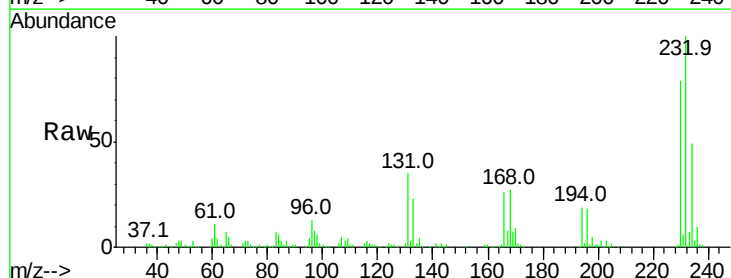
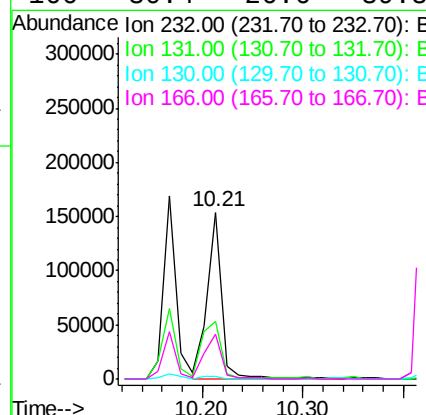
RT: 10.21 min Scan# 711

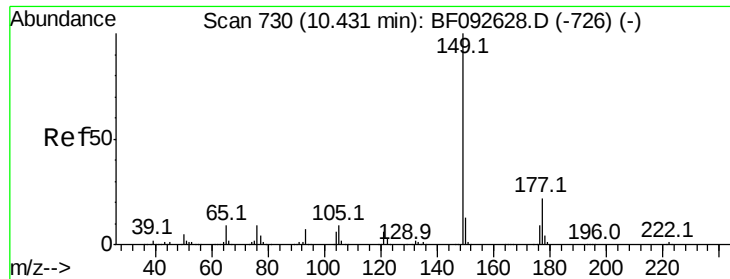
Delta R.T. -0.01 min

Lab File: BF093137.D

Acq: 24 Feb 2017 8:21

Tgt Ion:	232	Resp:	155796
Ion Ratio	Lower	Upper	
232	100		
131	44.7	40.1	60.1
130	2.0	1.8	2.8
166	30.4	26.6	39.8





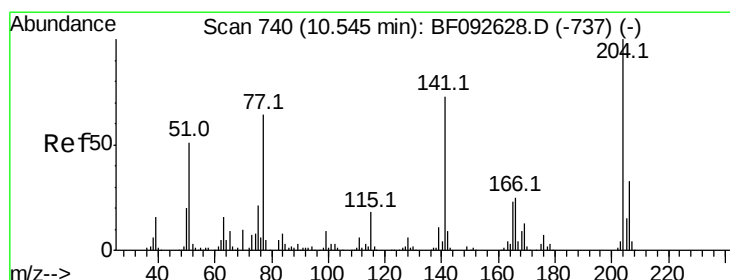
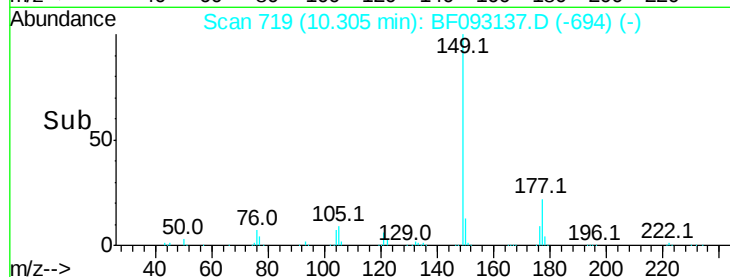
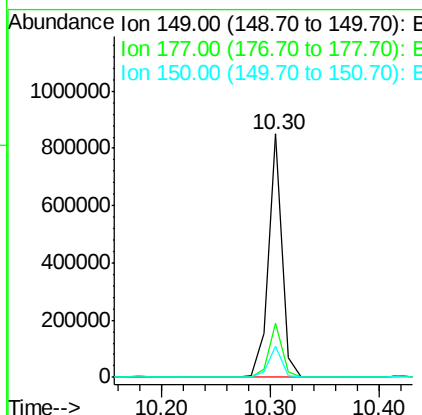
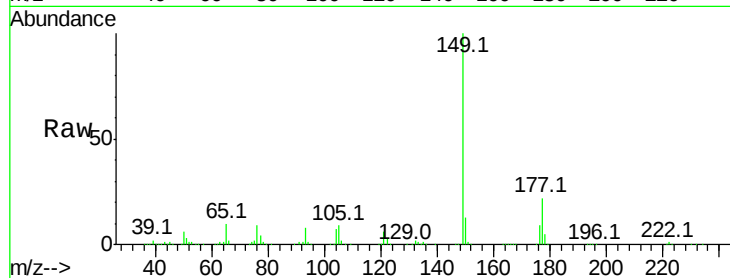
#59
Diethylphthalate
Concen: 51.03 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF093137.D
Acq: 24 Feb 2017 8:21

Instrument :
BNA_F
ClientSampleId :
TP23-24-COMP17MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	740691		
177	22.0	16.6	25.0	
150	12.8	10.4	15.6	

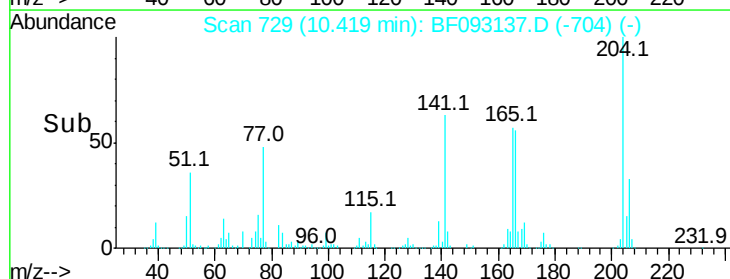
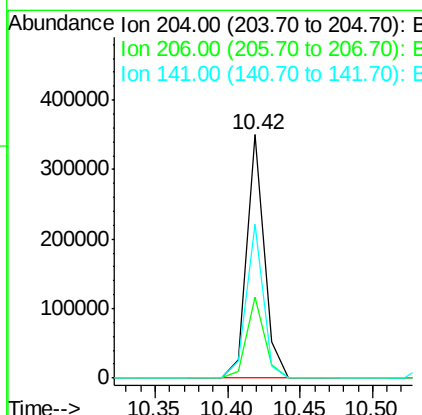
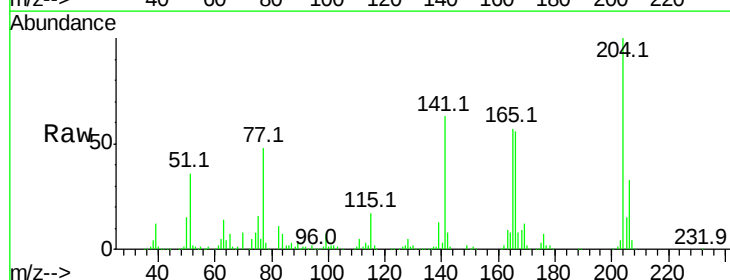
Manual Integrations
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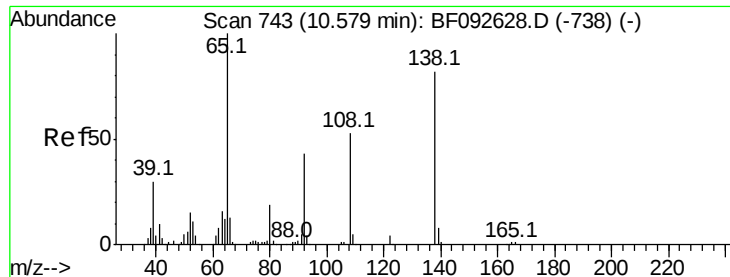
mohammad
2/24/2017 2:11:51 PM



#60
4-Chlorophenyl-phenylether
Concen: 44.58 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF093137.D
Acq: 24 Feb 2017 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	294847		
206	33.4	25.8	38.6	
141	63.5	59.4	89.0	





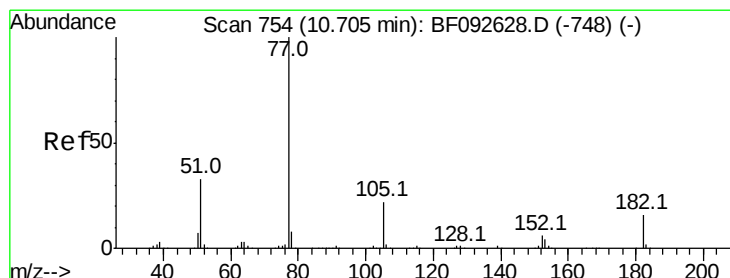
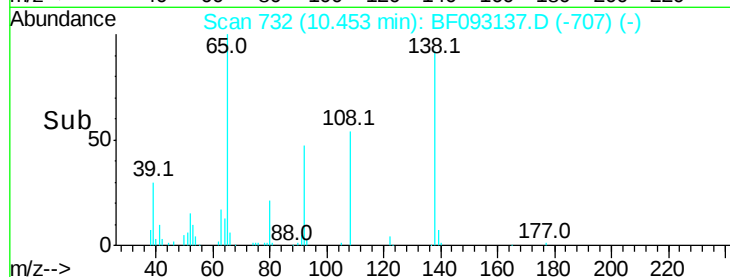
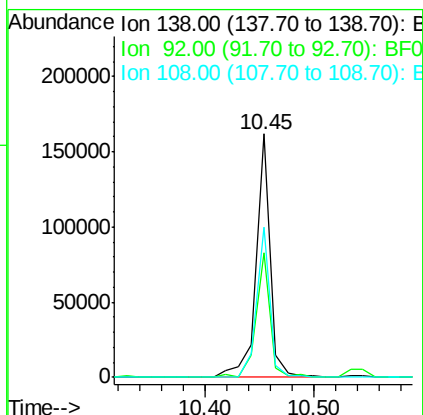
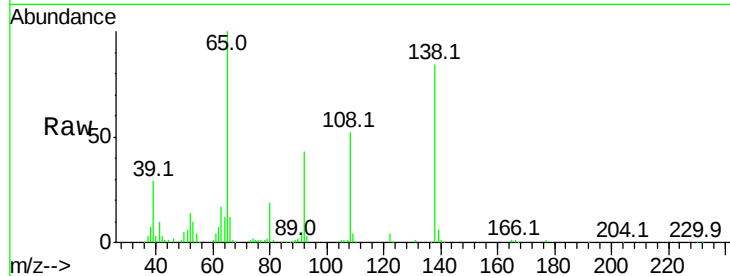
#61
4-Nitroaniline
Concen: 37.93 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF093137.D
Acq: 24 Feb 2017 8:21

Instrument :
BNA_F
ClientSampleId :
TP23-24-COMP17MSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	147885		
92	51.0		31.7	71.7
108	61.9		52.6	92.6

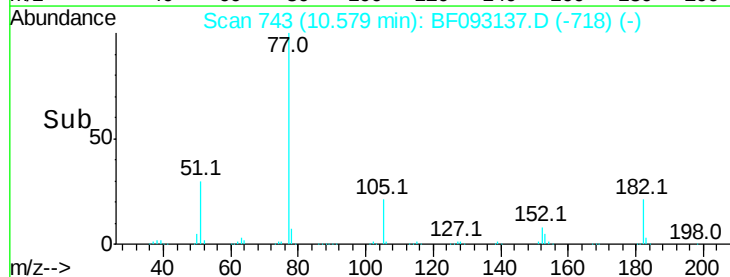
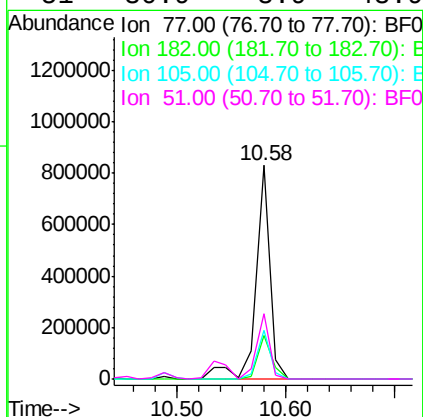
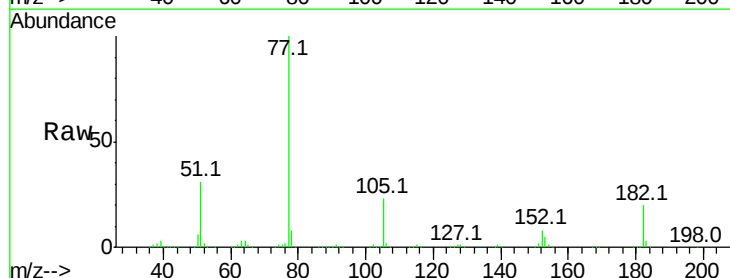
Manual Integrations
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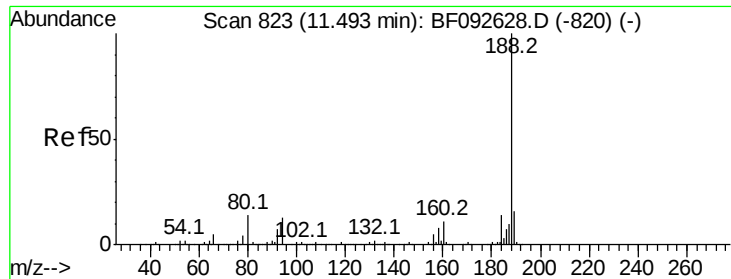
mohammad
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#62
Azobenzene
Concen: 50.78 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF093137.D
Acq: 24 Feb 2017 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	761416		
182	20.5		0.0	39.3
105	23.0		2.3	42.3
51	30.9		8.9	48.9





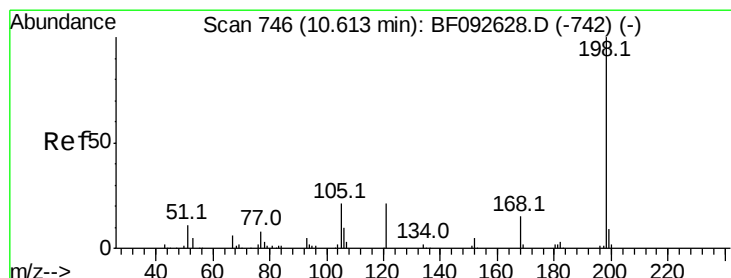
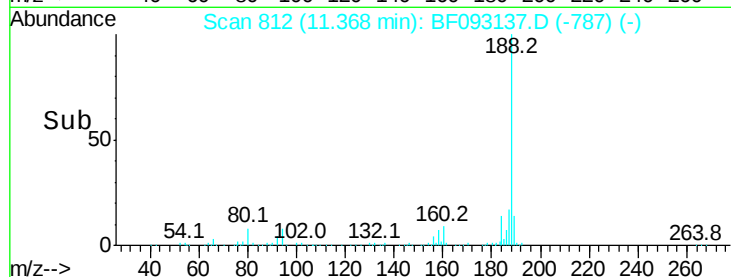
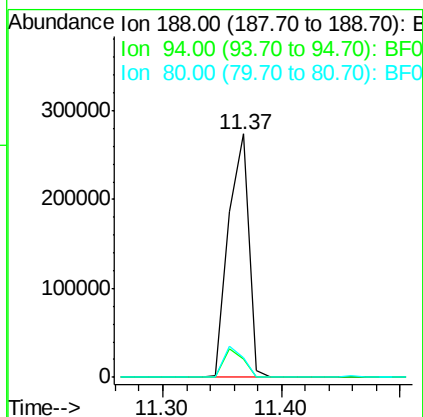
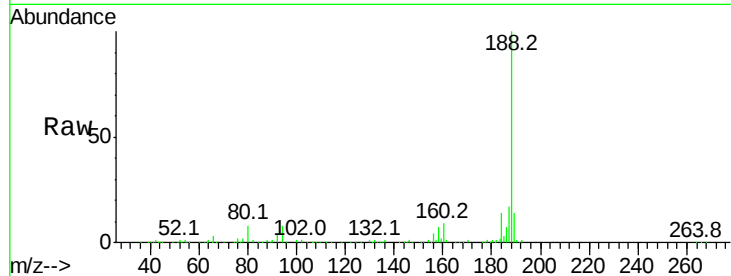
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF093137.D
Acq: 24 Feb 2017 8:21

Instrument :
BNA_F
ClientSampleId :
TP23-24-COMP17MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.7	10.0	15.0#
80	8.1	11.2	16.8#

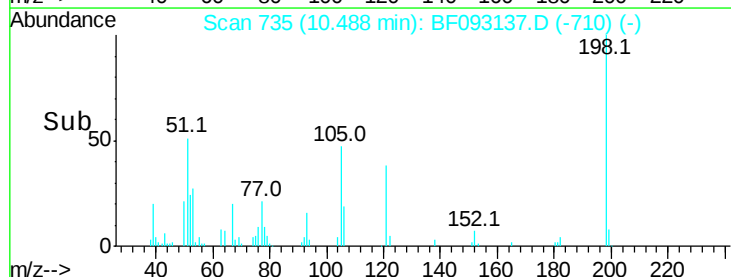
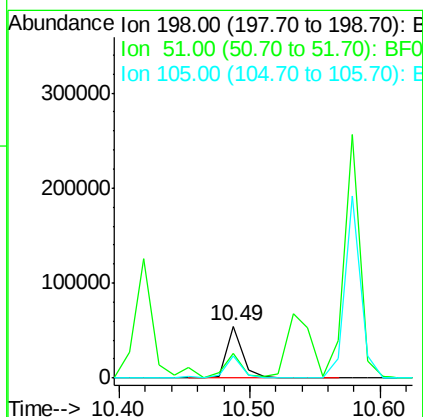
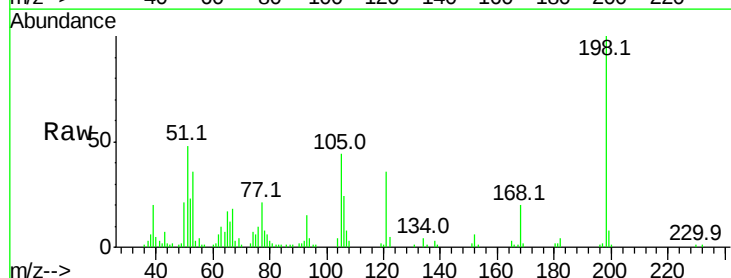
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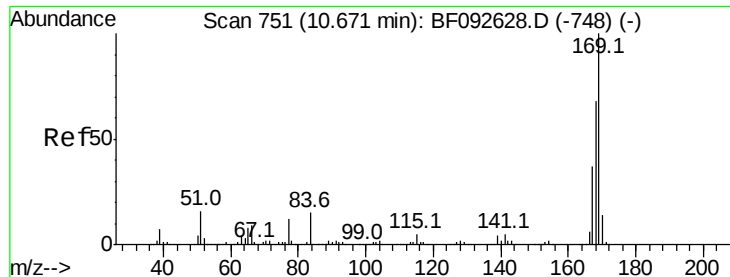
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 25.14 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF093137.D
Acq: 24 Feb 2017 8:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	48.2	6.7	46.7#
105	43.9	16.6	56.6





#65

n-Nitrosodiphenylamine

Concen: 54.80 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF093137.D

Acq: 24 Feb 2017 8:21

Instrument :

BNA_F

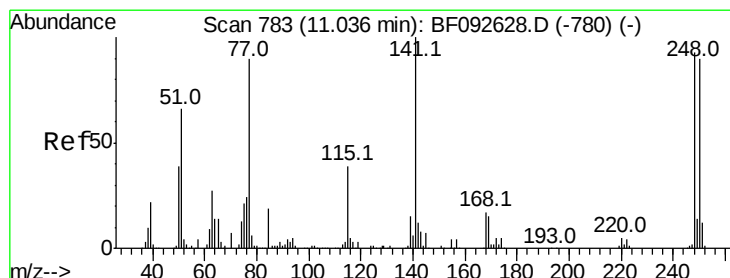
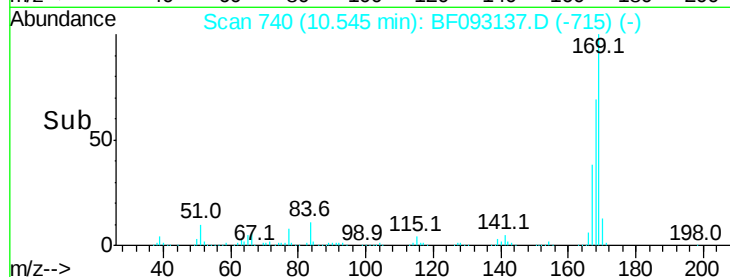
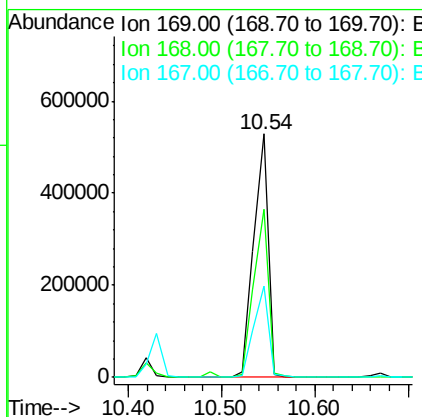
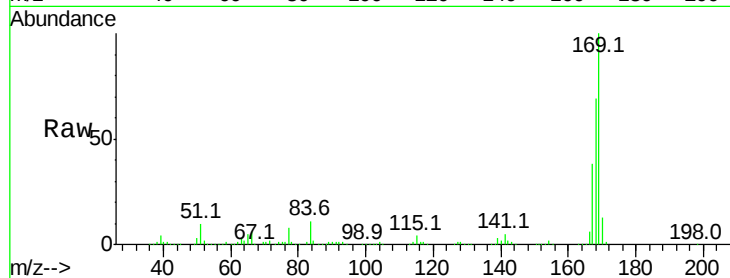
ClientSampleId :

TP23-24-COMP17MSD

Tot Ion:	169	Resp:	566689
Ion Ratio	Lower	Upper	
169	100		
168	68.9	54.2	81.2
167	37.5	30.2	45.4

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#66

4-Bromophenyl-phenylether

Concen: 53.00 ng

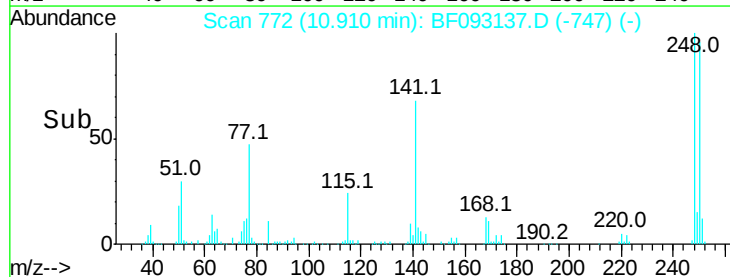
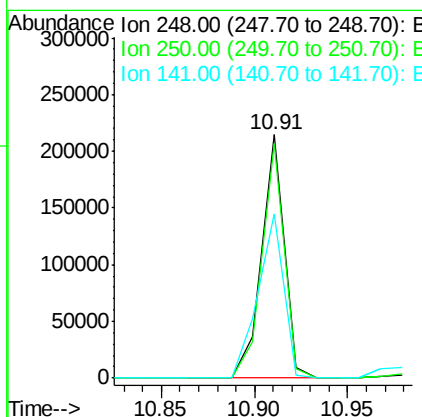
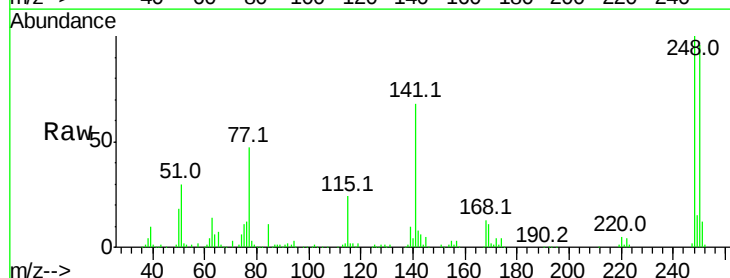
RT: 10.91 min Scan# 772

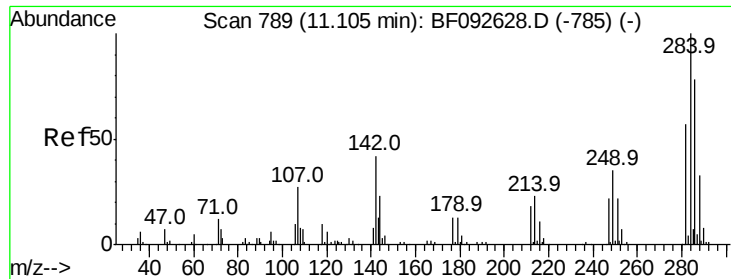
Delta R.T. -0.01 min

Lab File: BF093137.D

Acq: 24 Feb 2017 8:21

Tgt Ion:	248	Resp:	179248
Ion Ratio	Lower	Upper	
248	100		
250	96.5	76.9	115.3
141	67.5	68.2	102.4#





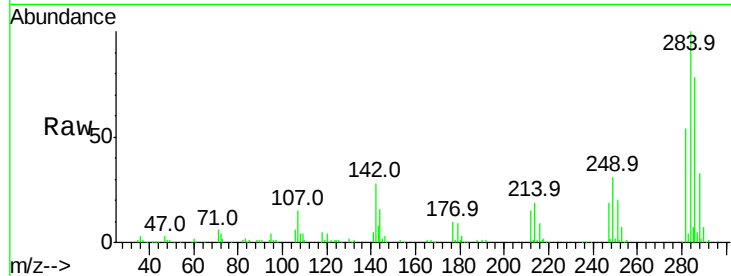
#67
Hexachlorobenzene
Concen: 49.05 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF093137.D
Acq: 24 Feb 2017 8:21

Instrument :
BNA_F
ClientSampleId :
TP23-24-COMP17MSD

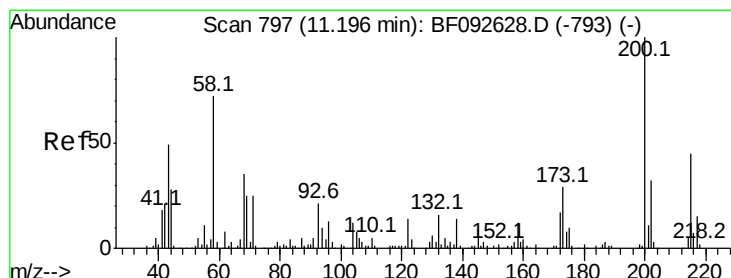
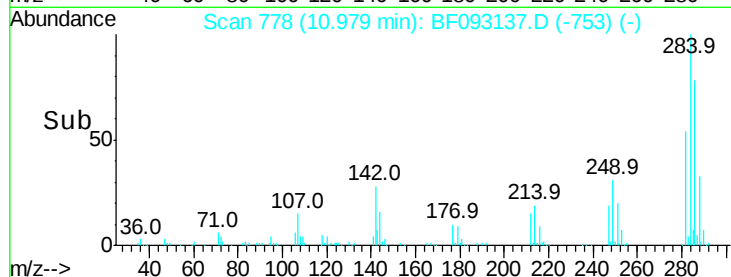
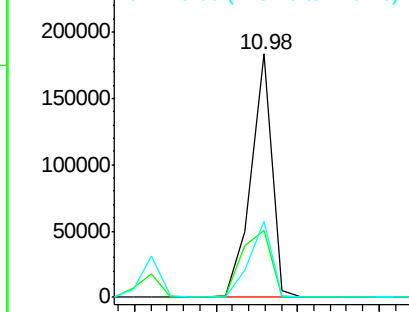
Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	27.8	22.6	33.8
249	31.3	25.4	38.0

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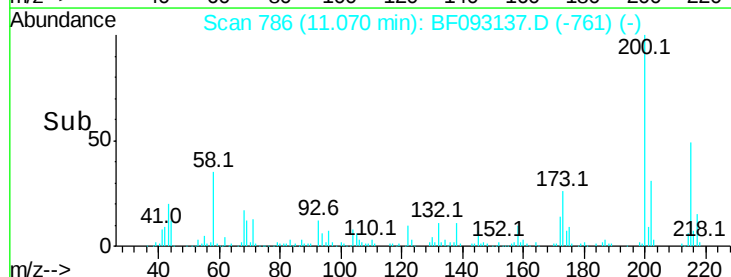
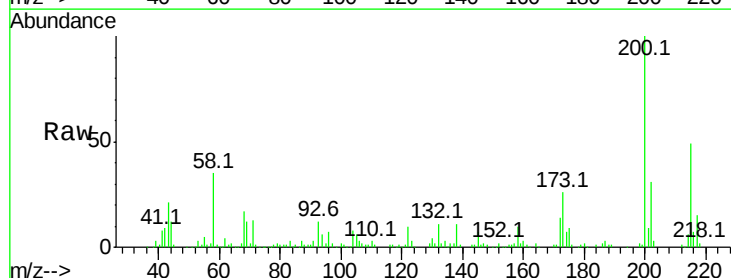
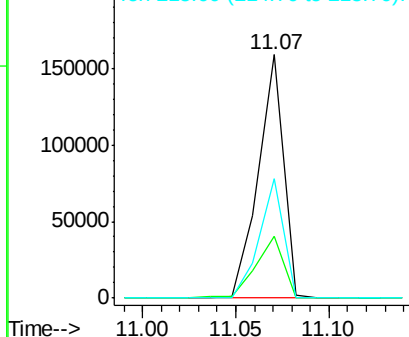
Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

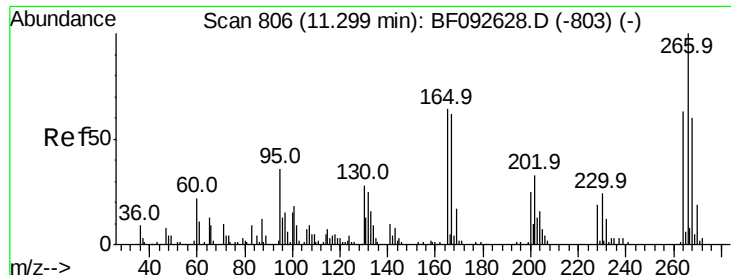


#68
Atrazine
Concen: 44.56 ng
RT: 11.07 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF093137.D
Acq: 24 Feb 2017 8:21

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	25.5	9.6	49.6
215	49.3	25.7	65.7

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





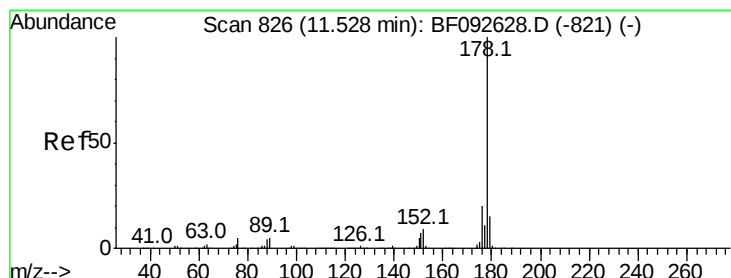
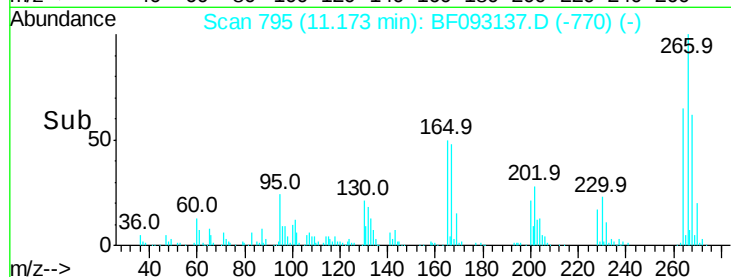
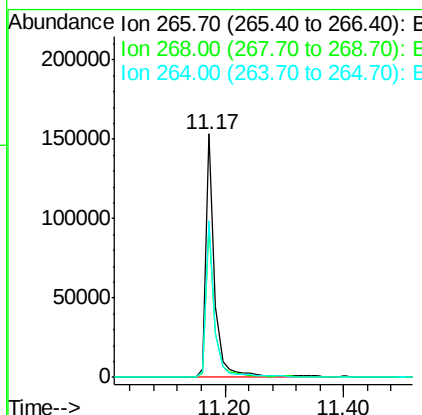
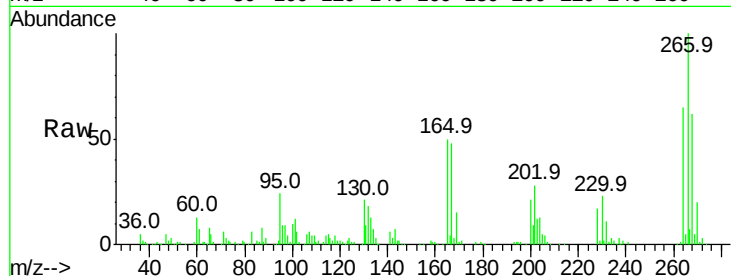
#69
 Pentachlorophenol
 Concen: 93.48 ng
 RT: 11.17 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF093137.D
 Acq: 24 Feb 2017 8:21

Instrument :
 BNA_F
 ClientSampleId :
 TP23-24-COMP17MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	163583		
268	62.3	53.3	79.9	
264	64.5	50.3	75.5	

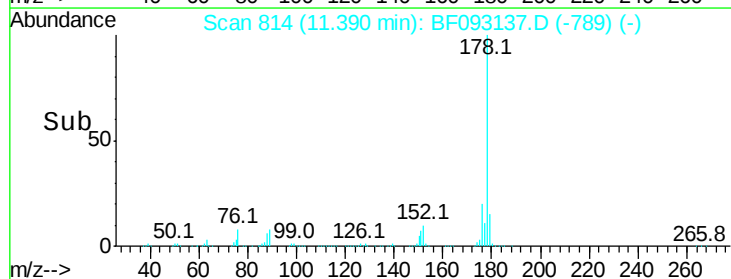
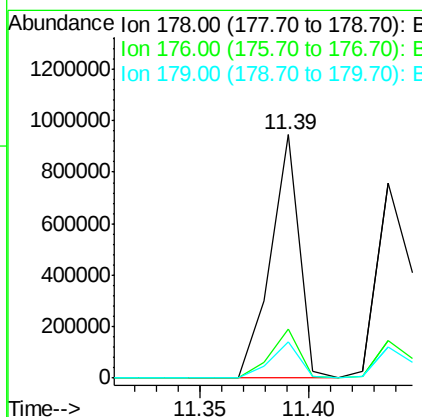
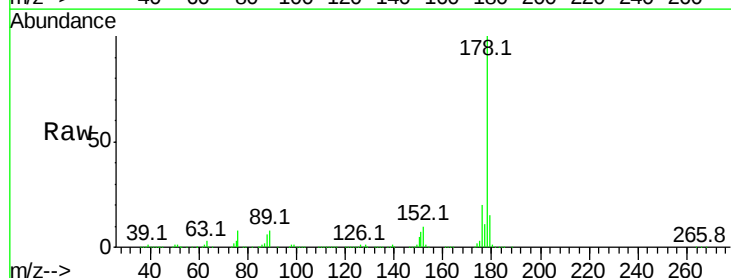
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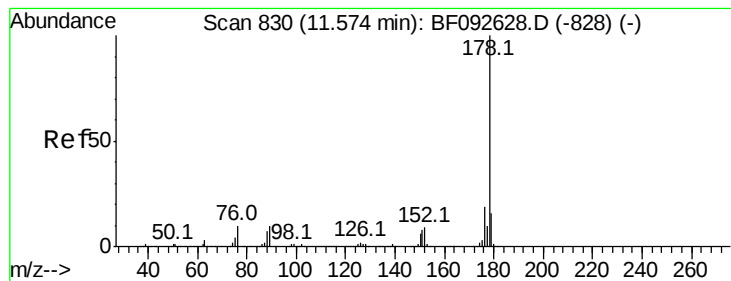
mohammad
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#70
 Phenanthrene
 Concen: 47.42 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF093137.D
 Acq: 24 Feb 2017 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	879413		
176	20.1	16.6	25.0	
179	15.0	12.8	19.2	





#71

Anthracene

Concen: 44.58 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.02 min

Lab File: BF093137.D

Acq: 24 Feb 2017 8:21

Instrument :

BNA_F

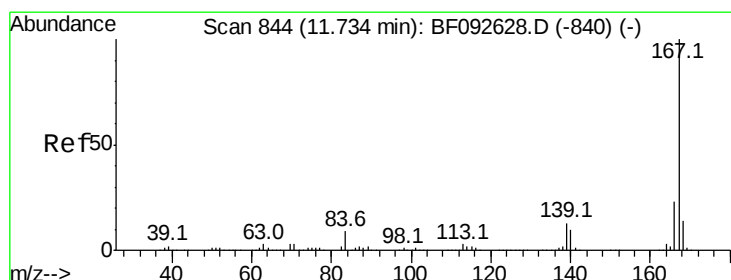
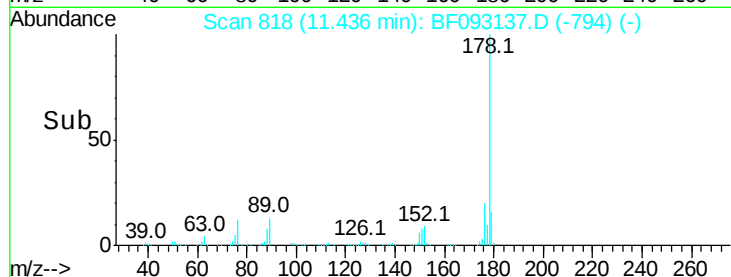
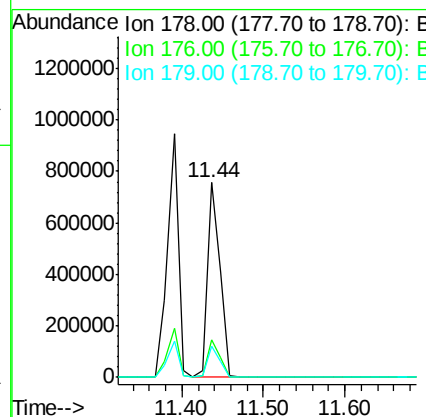
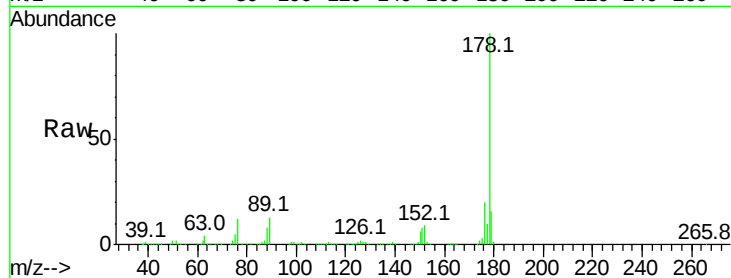
ClientSampleId :

TP23-24-COMP17MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	16.0	13.2	19.8

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#72

Carbazole

Concen: 39.97 ng

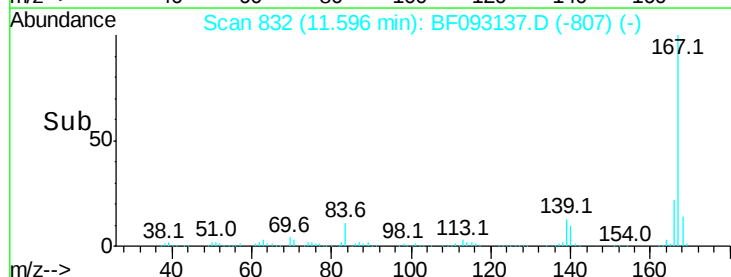
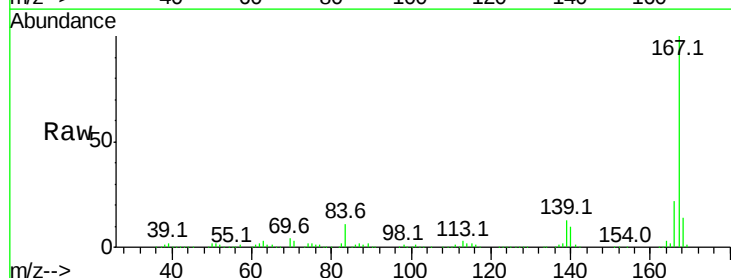
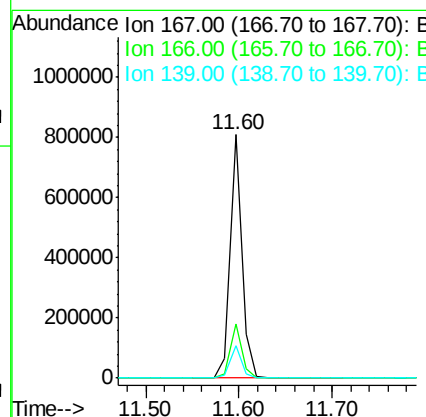
RT: 11.60 min Scan# 832

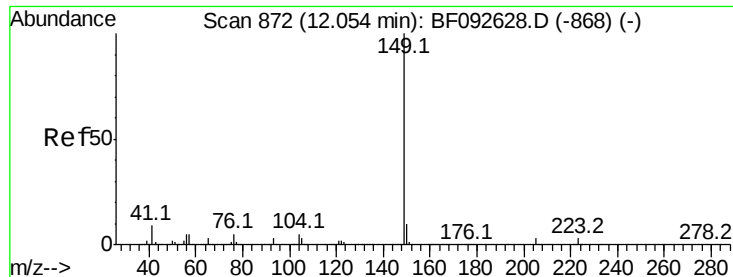
Delta R.T. -0.01 min

Lab File: BF093137.D

Acq: 24 Feb 2017 8:21

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.2	27.2
139	13.4	11.4	17.2





#73

Di-n-butylphthalate

Concen: 57.41 ng

RT: 11.93 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF093137.D

Acq: 24 Feb 2017 8:21

Instrument :

BNA_F

ClientSampleId :

TP23-24-COMP17MSD

Tot Ion:149 Resp: 1105376

Ion Ratio Lower Upper

149 100

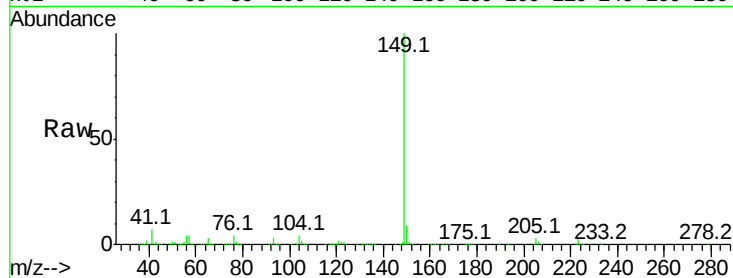
150 9.1 8.1 12.1

104 4.1 4.6 7.0#

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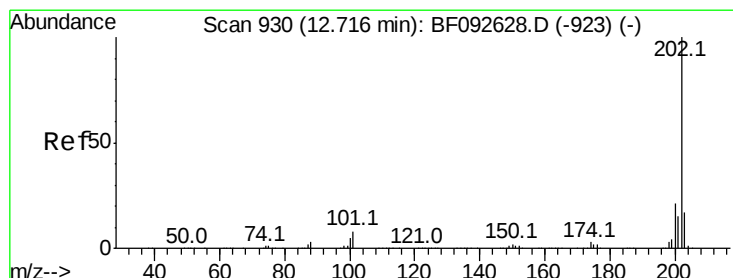
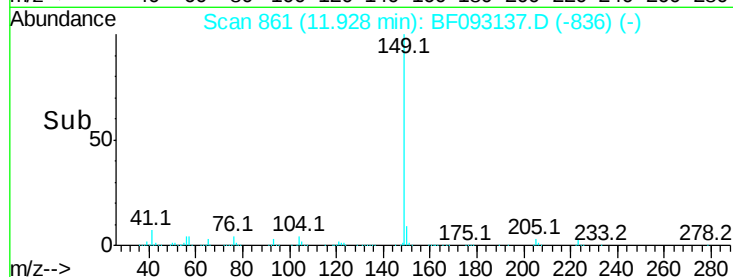
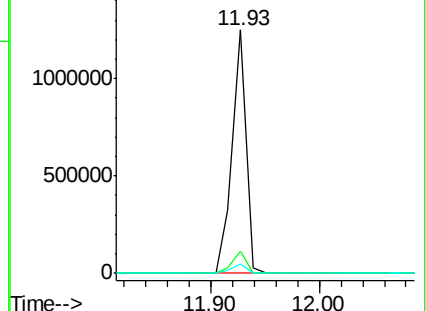
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.91 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF093137.D

Acq: 24 Feb 2017 8:21

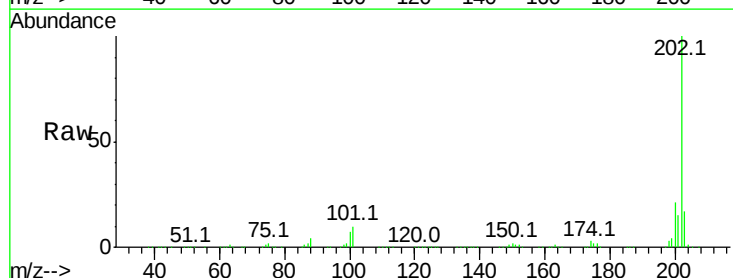
Tgt Ion:202 Resp: 839924

Ion Ratio Lower Upper

202 100

101 9.7 0.0 34.6

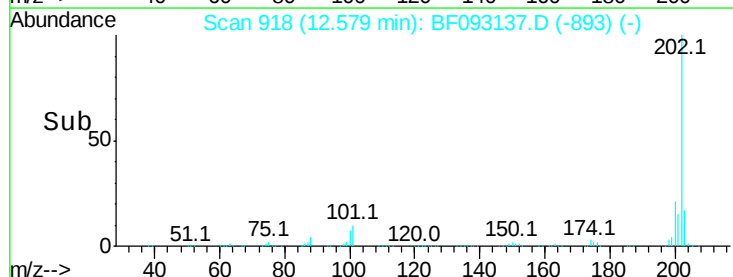
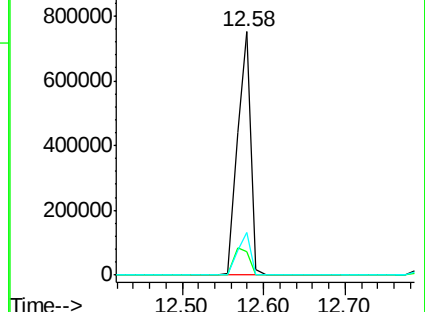
203 17.4 0.0 38.7

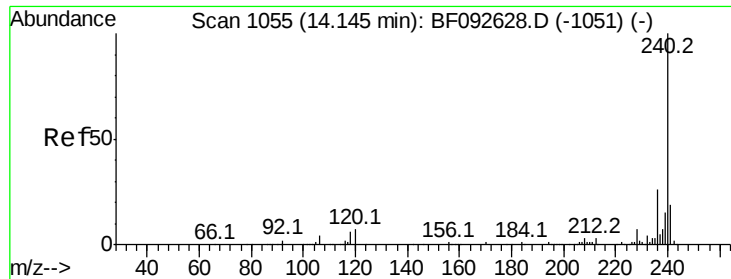


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





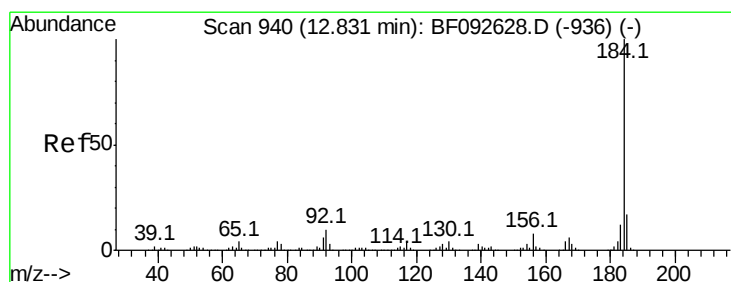
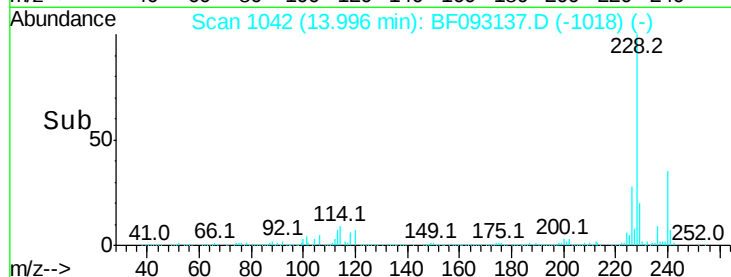
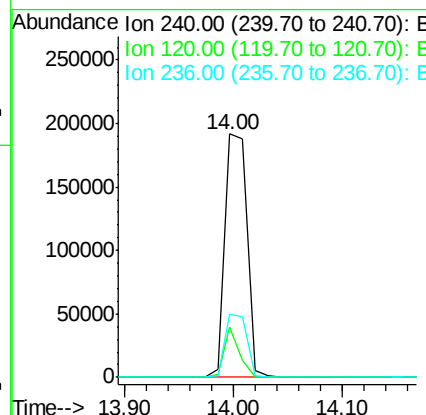
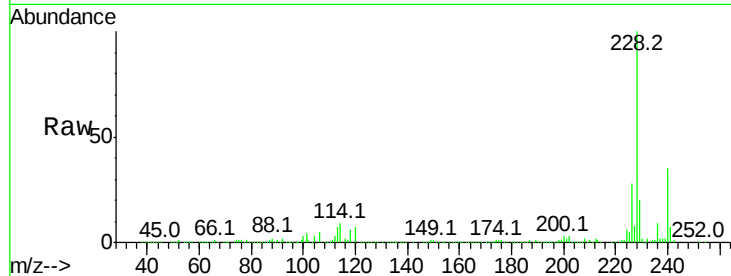
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF093137.D
Acq: 24 Feb 2017 8:21

Instrument :
BNA_F
ClientSampleId :
TP23-24-COMP17MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	20.9	12.9	19.3#
236	26.0	20.9	31.3

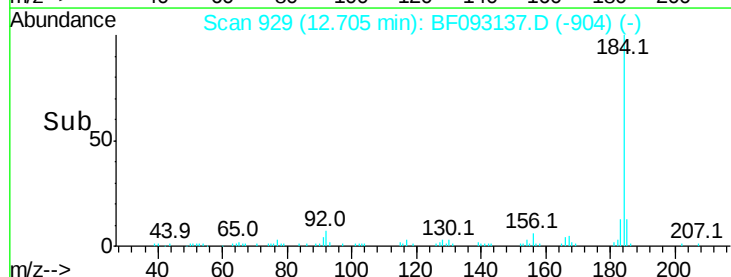
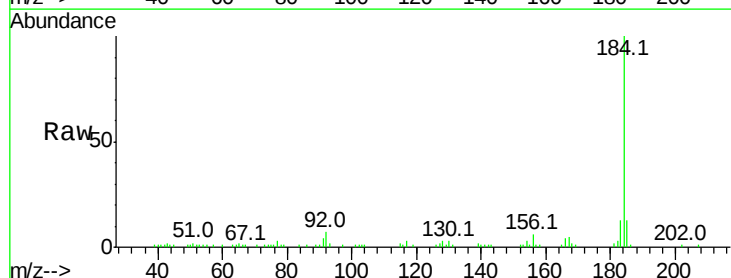
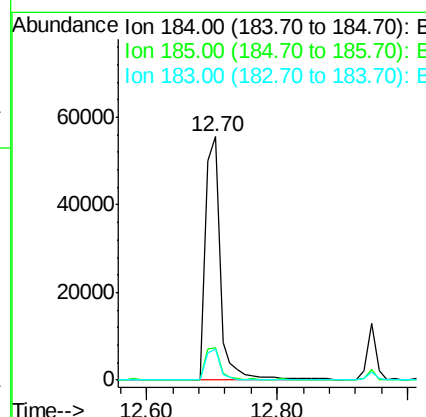
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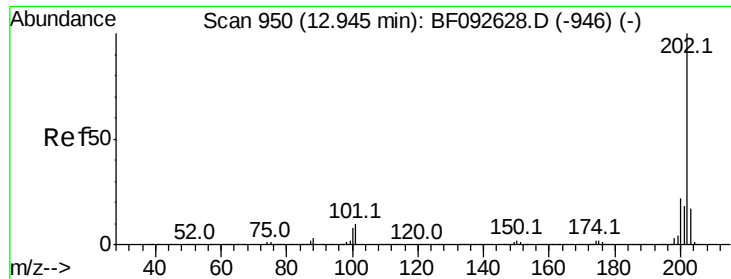
mohammad
2/24/2017 2:11:51 PM



#76
Benzidine
Concen: 7.58 ng
RT: 12.70 min Scan# 929
Delta R.T. -0.01 min
Lab File: BF093137.D
Acq: 24 Feb 2017 8:21

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.2	13.4	20.0#
183	12.7	9.2	13.8





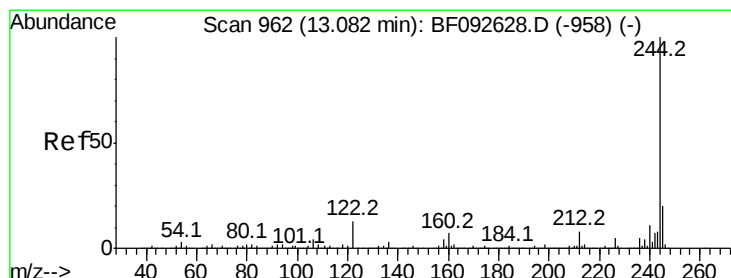
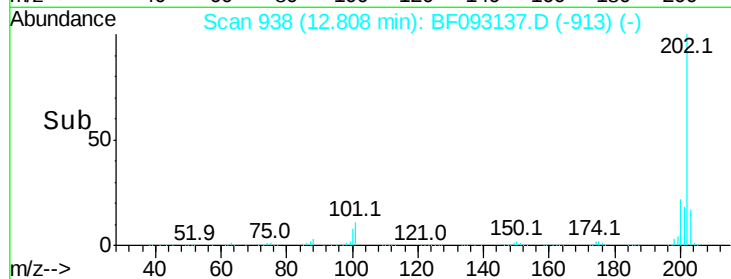
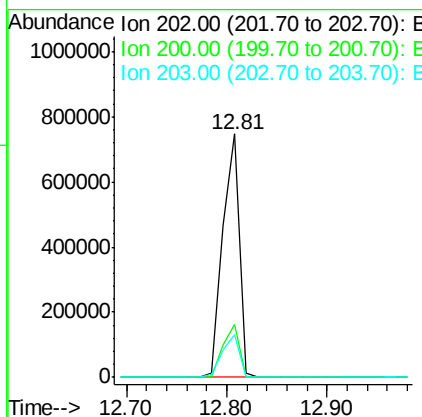
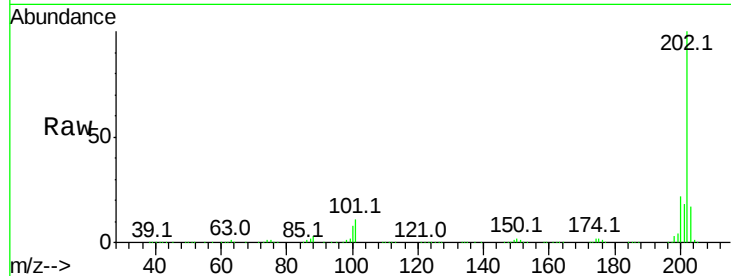
#77
Pvrene
Concen: 42.31 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF093137.D
Acq: 24 Feb 2017 8:21

Instrument :
BNA_F
ClientSampleId :
TP23-24-COMP17MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.7	26.5
203	17.3	14.7	22.1

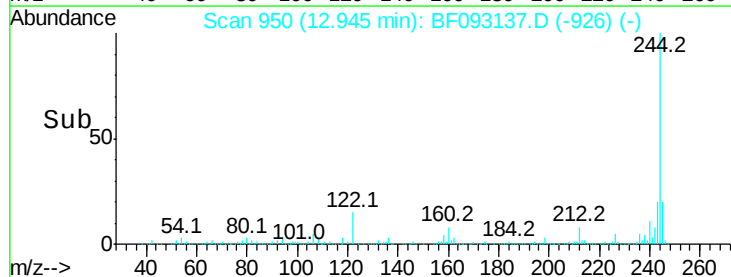
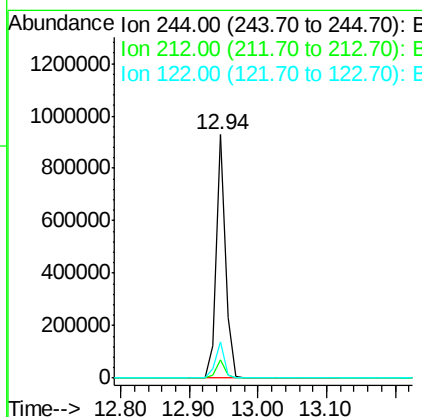
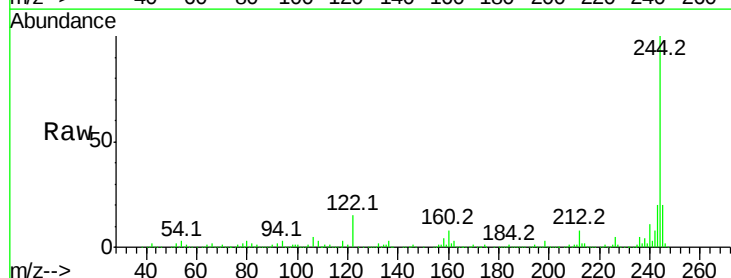
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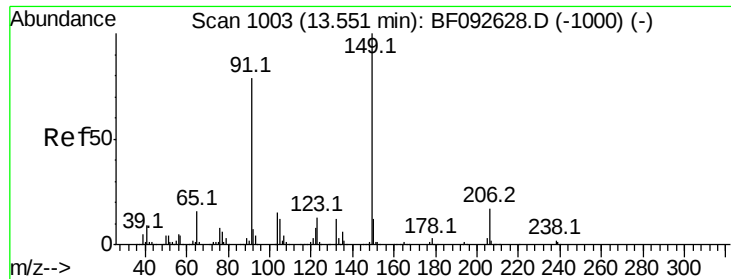
mohammad
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#78
Terphenyl-d14
Concen: 77.12 ng
RT: 12.94 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF093137.D
Acq: 24 Feb 2017 8:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	14.8	11.4	17.2





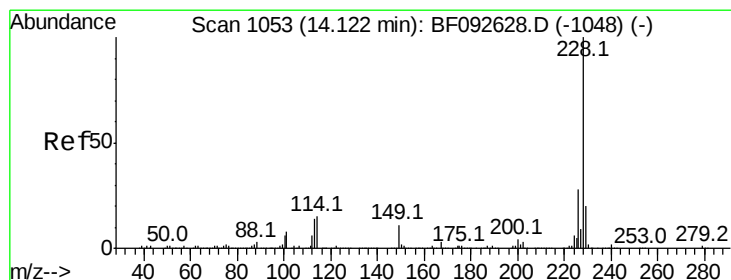
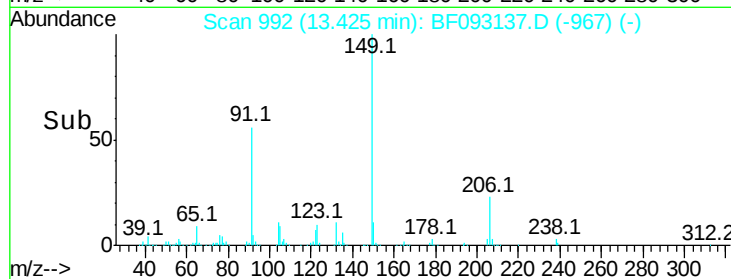
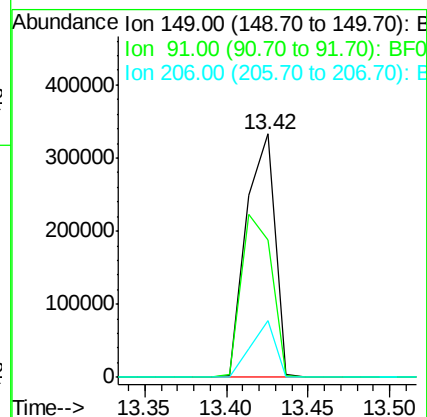
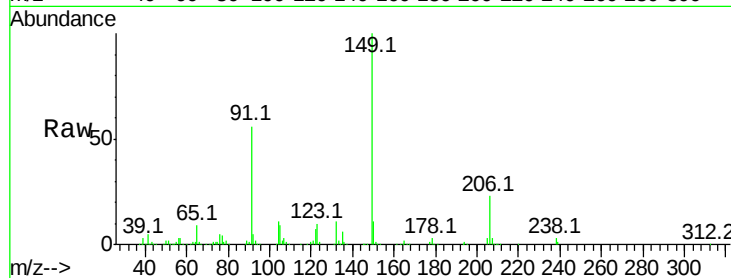
#79
Butylbenzylphthalate
Concen: 49.28 ng
RT: 13.42 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF093137.D
Acq: 24 Feb 2017 8:21

Instrument :
BNA_F
ClientSampleId :
TP23-24-COMP17MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	56.2	63.9	95.9#
206	23.3	14.6	21.8#

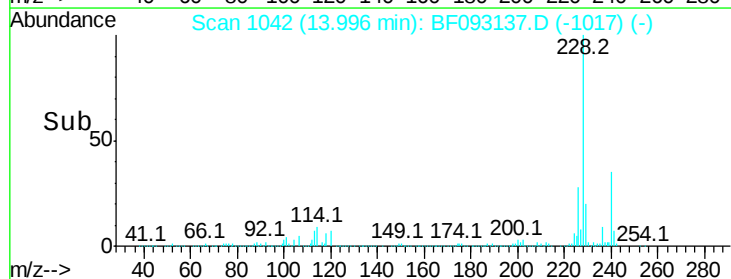
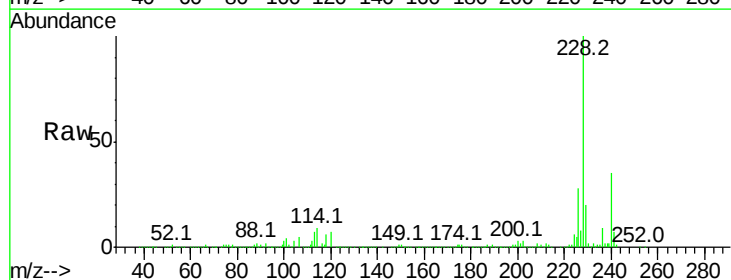
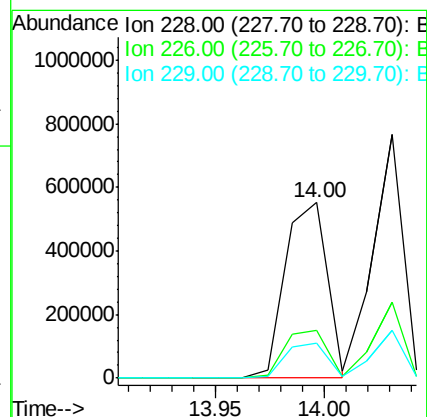
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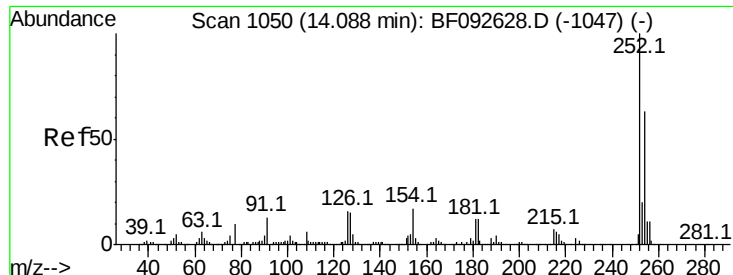
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#80
Benzo(a)anthracene
Concen: 45.18 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF093137.D
Acq: 24 Feb 2017 8:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.4	33.6
229	19.8	16.2	24.4





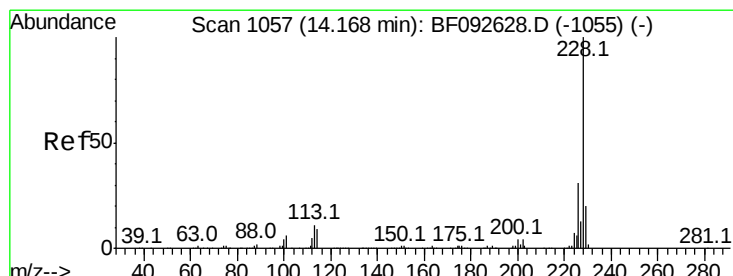
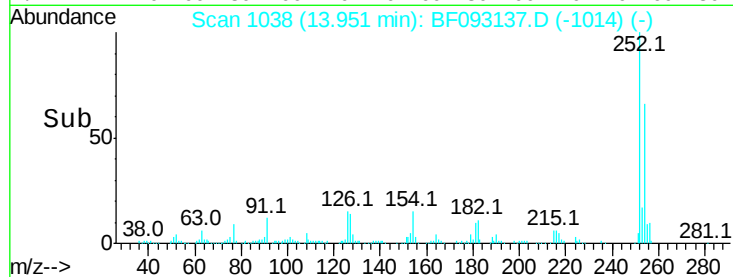
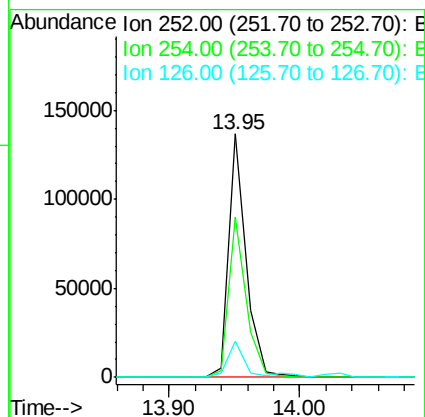
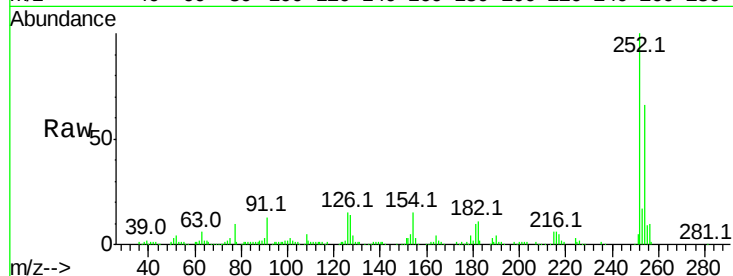
#81
 3,3'-Dichlorobenzidine
 Concen: 21.71 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BF093137.D
 Acq: 24 Feb 2017 8:21

Instrument :
 BNA_F
 ClientSampleId :
 TP23-24-COMP17MSD

Tot Ion:	252	Resp:	127935
Ion Ratio	Lower	Upper	
252	100		
254	65.7	52.3	78.5
126	14.7	13.6	20.4

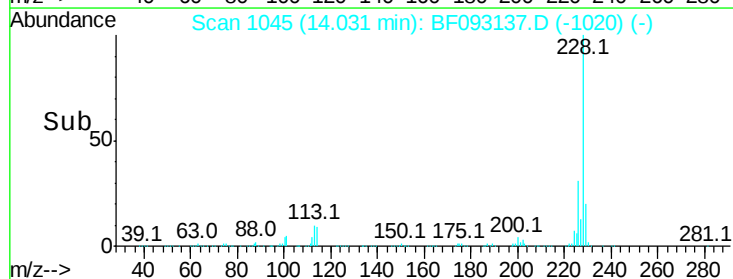
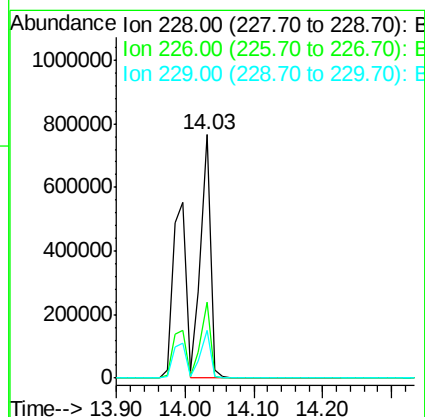
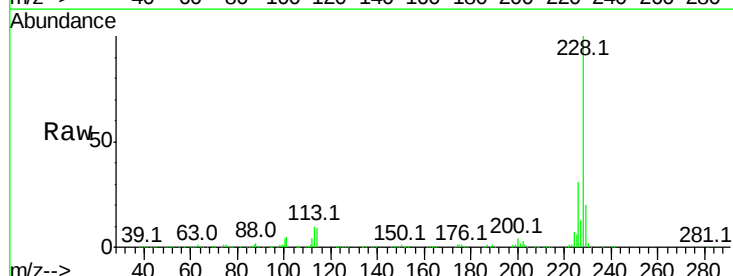
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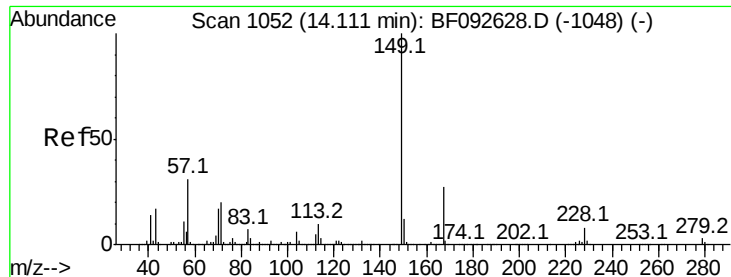
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#82
 Chrysene
 Concen: 47.98 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BF093137.D
 Acq: 24 Feb 2017 8:21

Tgt Ion:	228	Resp:	742632
Ion Ratio	Lower	Upper	
228	100		
226	31.2	25.4	38.0
229	19.6	16.2	24.2





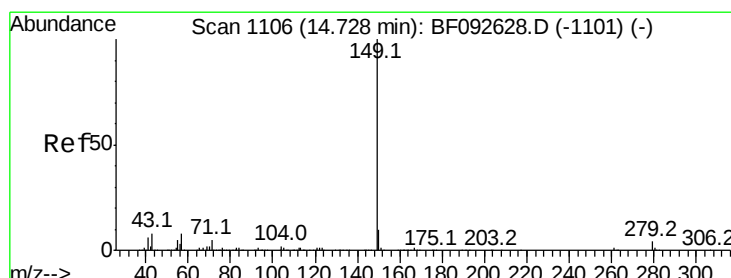
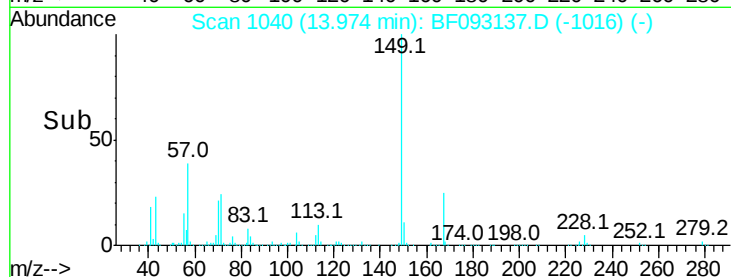
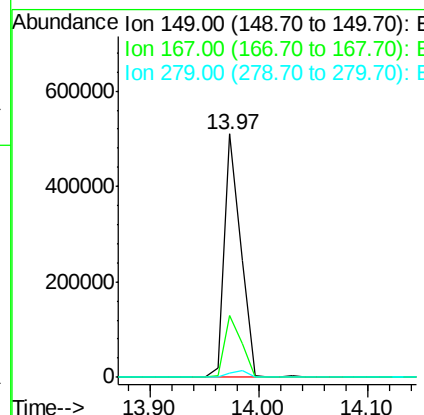
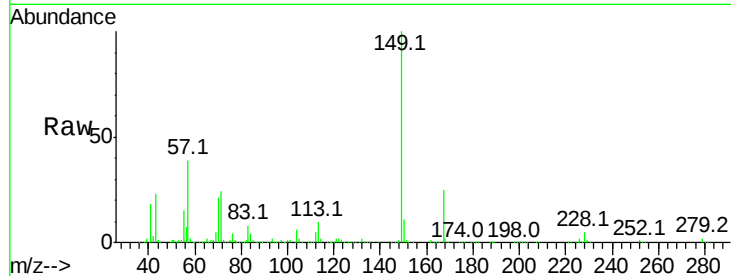
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.04 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BF093137.D
 Acq: 24 Feb 2017 8:21

Instrument :
 BNA_F
 ClientSampleId :
 TP23-24-COMP17MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	539564		
167	25.4	20.2	30.4	
279	1.9	1.8	2.8	

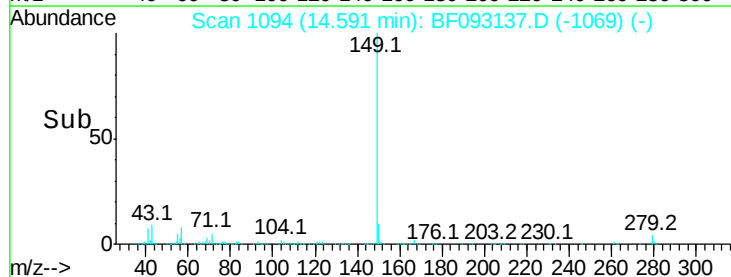
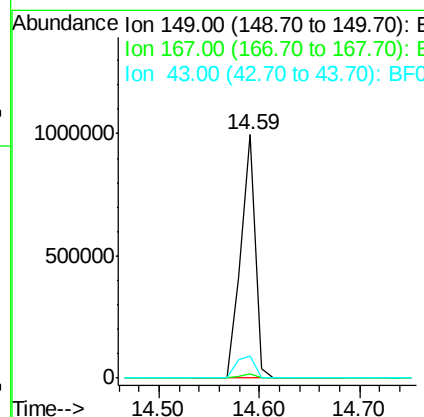
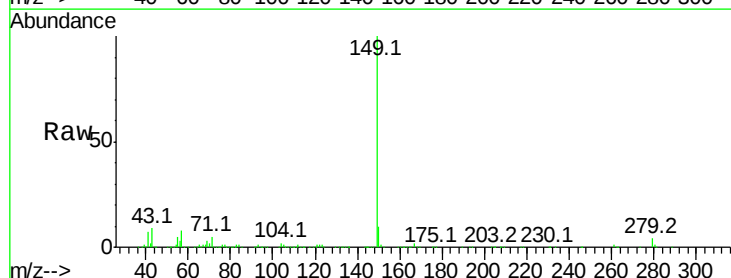
Manual Integrations
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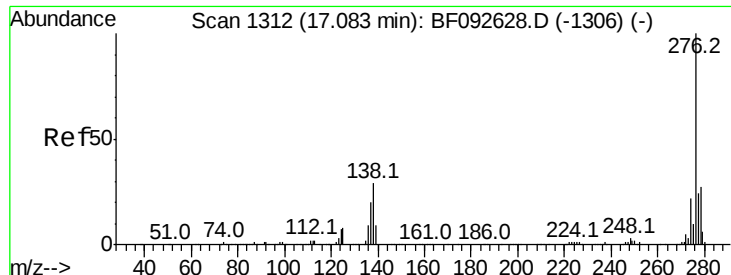
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#84
 Di-n-octyl phthalate
 Concen: 54.85 ng
 RT: 14.59 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF093137.D
 Acq: 24 Feb 2017 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1003282		
167	1.4	1.3	1.9	
43	11.7	8.9	13.3	





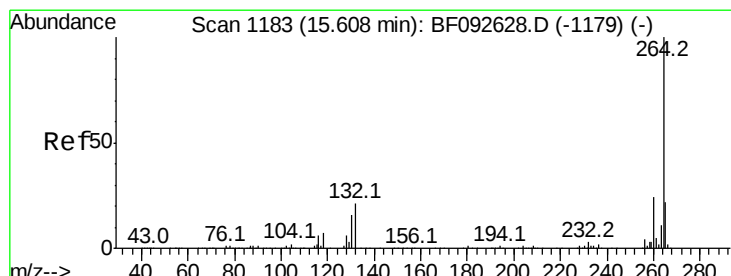
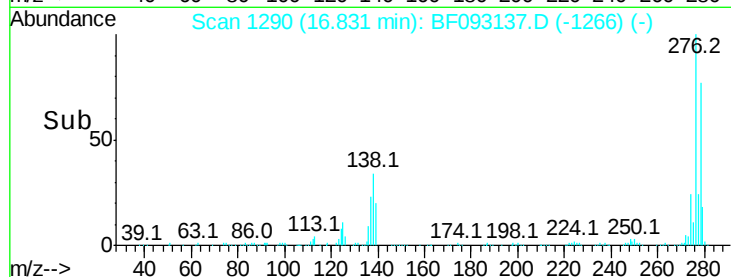
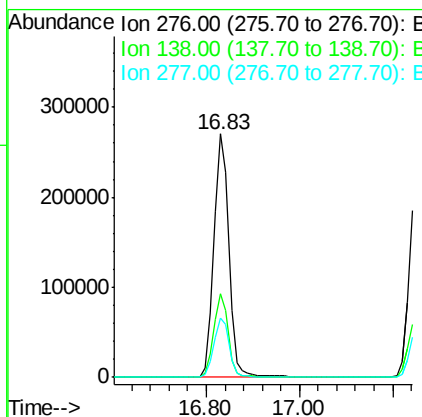
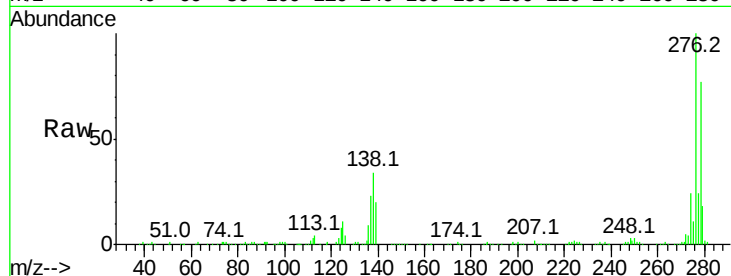
#85
Indeno(1,2,3-cd)pyrene
Concen: 50.91 ng
RT: 16.83 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF093137.D
Acq: 24 Feb 2017 8:21

Instrument :
BNA_F
ClientSampleId :
TP23-24-COMP17MSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100	610298		
138	33.8	21.8	32.6	
277	24.7	20.2	30.4	

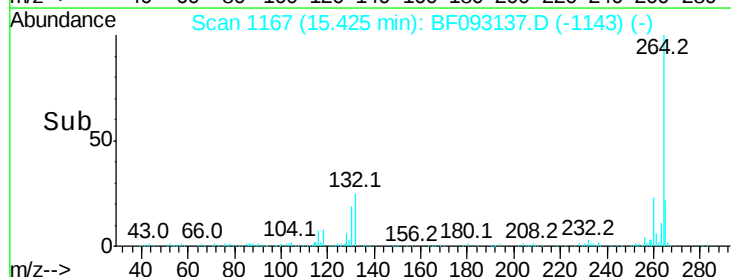
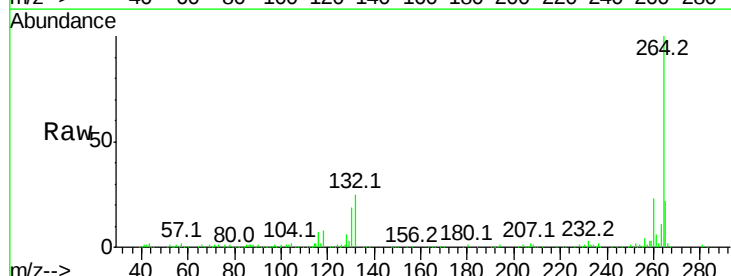
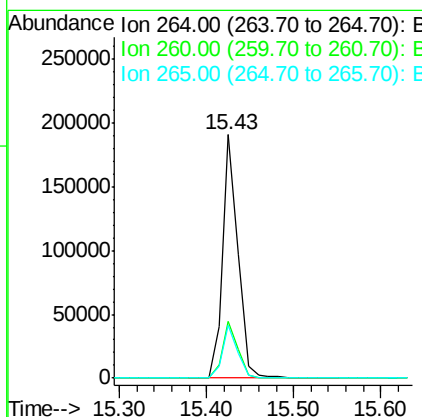
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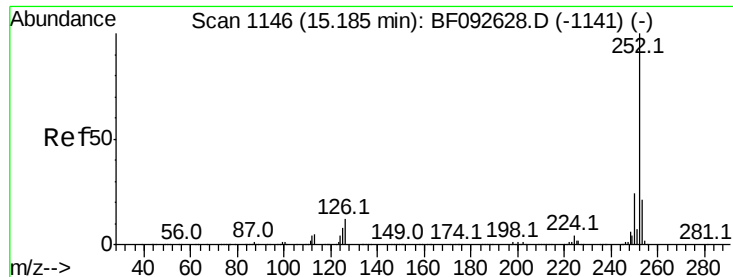
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF093137.D
Acq: 24 Feb 2017 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	236872		
260	23.3	19.2	28.8	
265	21.9	17.4	26.0	





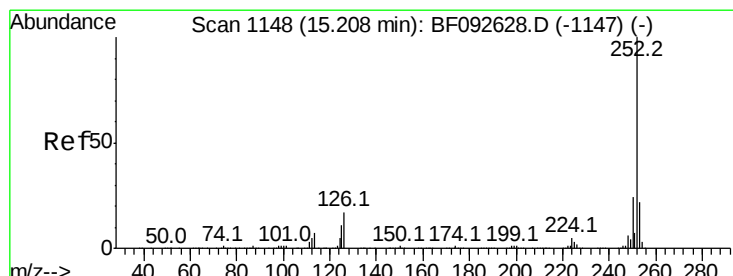
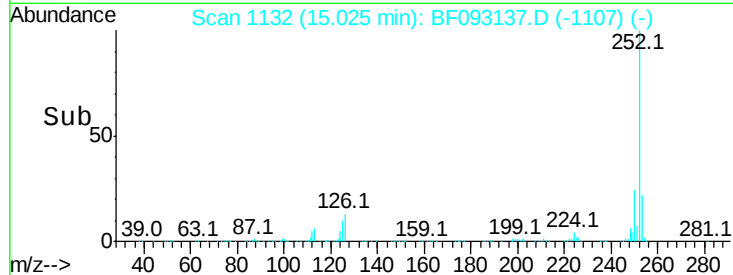
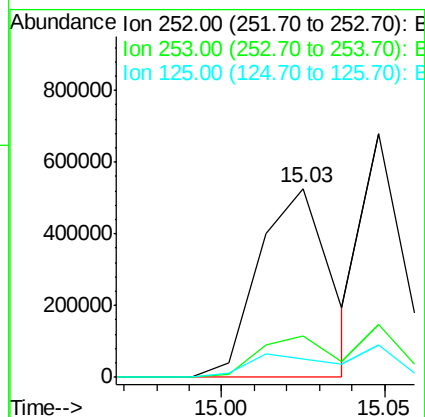
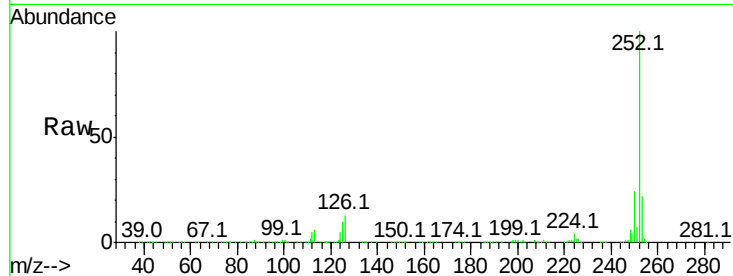
#87
Benzo(b)fluoranthene
Concen: 51.22 ng m
RT: 15.03 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF093137.D
Acq: 24 Feb 2017 8:21

Instrument :
BNA_F
ClientSampleId :
TP23-24-COMP17MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.0	18.2	27.4
125	9.7	9.8	14.6

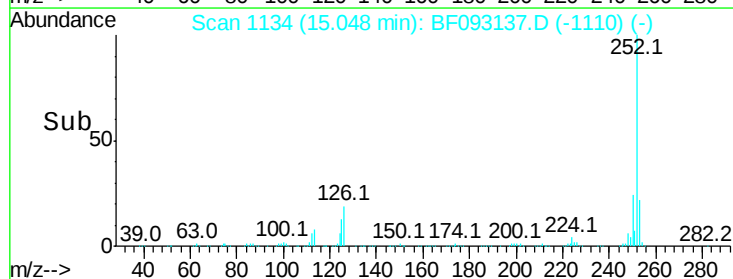
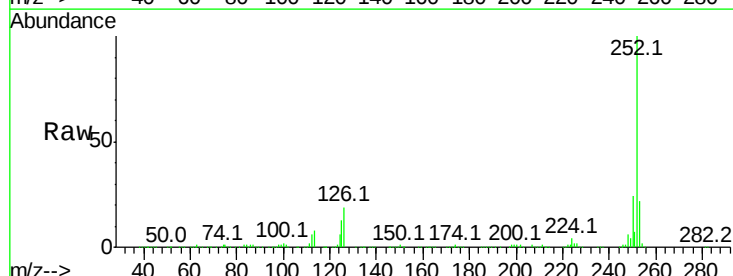
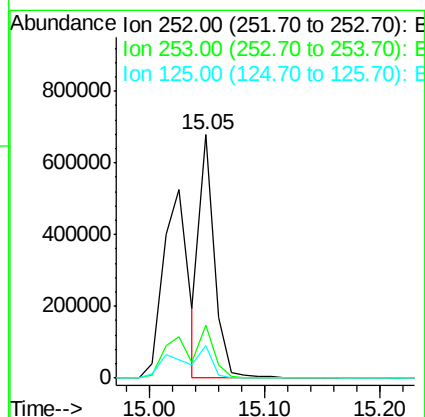
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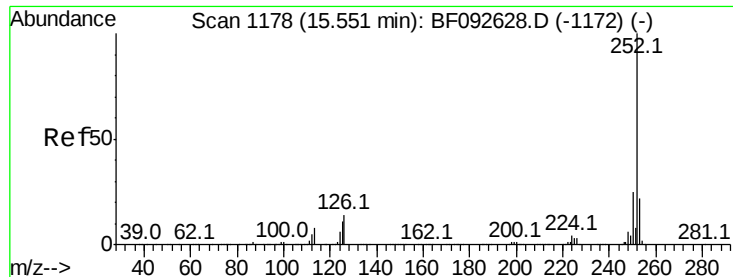
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#88
Benzo(k)fluoranthene
Concen: 45.10 ng m
RT: 15.05 min Scan# 1134
Delta R.T. -0.02 min
Lab File: BF093137.D
Acq: 24 Feb 2017 8:21

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.0	18.5	27.7
125	13.2	8.9	13.3





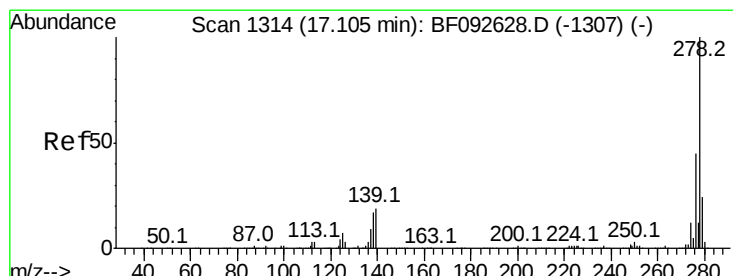
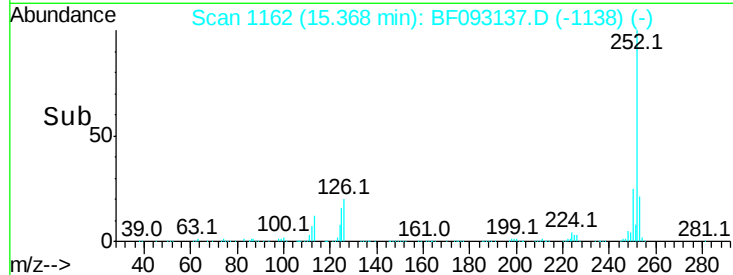
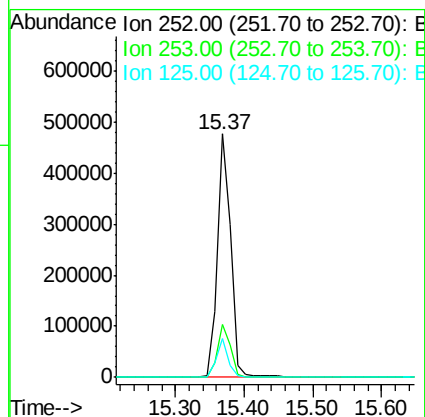
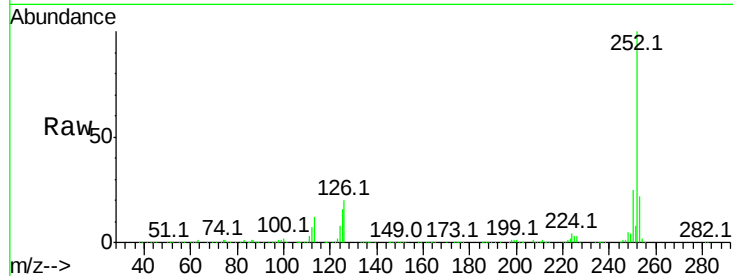
#89
Benzo(a)pyrene
Concen: 48.44 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF093137.D
Acq: 24 Feb 2017 8:21

Instrument :
BNA_F
ClientSampleId :
TP23-24-COMP17MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.2
125	15.8	10.0	15.0

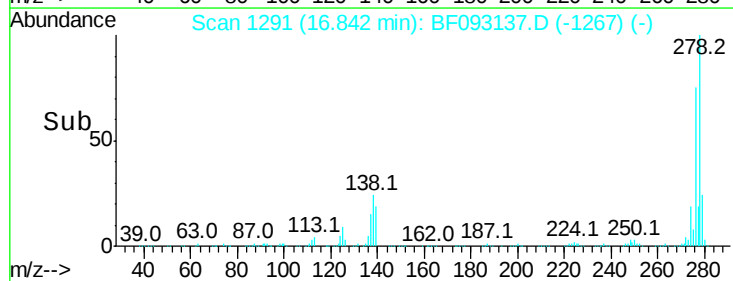
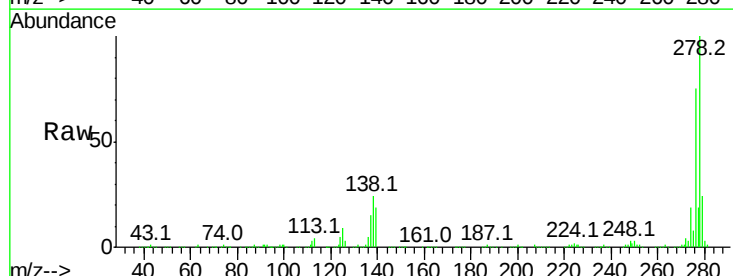
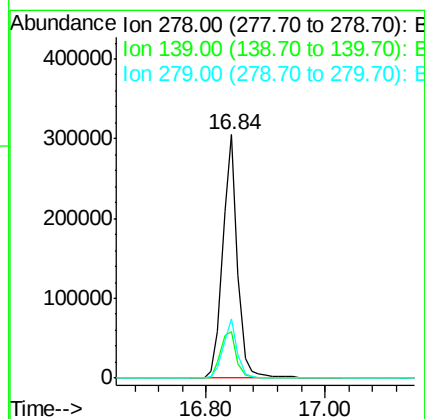
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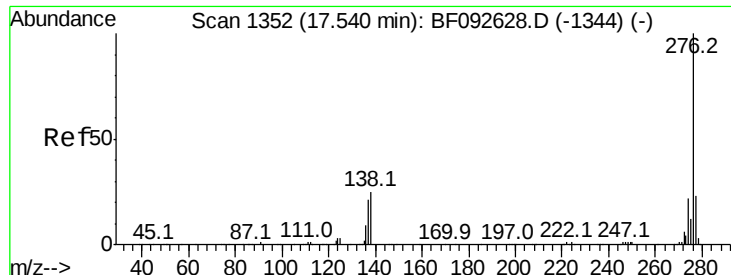
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#90
Dibenzo(a,h)anthracene
Concen: 48.26 ng
RT: 16.84 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF093137.D
Acq: 24 Feb 2017 8:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.3	14.8	22.2
279	24.2	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 45.24 ng
 RT: 17.25 min Scan# 1327
 Delta R.T. -0.03 min
 Lab File: BF093137.D
 Acq: 24 Feb 2017 8:21

Instrument :
 BNA_F
 ClientSampleId :
 TP23-24-COMP17MSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
277	23.4	19.2	28.8	
138	27.4	16.0	24.0	

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