

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
 Data File : BF093437.D
 Acq On : 8 Mar 2017 19:18
 Operator : SJ/MA
 Sample : PB97449BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97449BS

Manual Integrations
 APPROVED

mohammad
 3/10/2017 8:11:47 AM

Quant Time: Mar 09 00:08:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	196907m	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	810150	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	403331	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	714495	20.00	ng	0.01
75) Chrysene-d12	13.93	240	640421	20.00	ng	0.01
86) Perylene-d12	15.34	264	507662	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	872366	73.74	ng	0.01
7) Phenol-d6	6.41	99	1017477	68.20	ng	0.00
23) Nitrobenzene-d5	7.34	82	949742	65.04	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	199954	76.09	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1636116	75.45	ng	0.00
78) Terphenyl-d14	12.87	244	1307761	53.09	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.33	88	175077	26.87	ng	# 85
3) Pyridine	3.03	79	494614	29.77	ng	86
4) n-Nitrosodimethylamine	2.98	42	265390	33.44	ng	85
6) Aniline	6.42	93	457738	22.36	ng	88
8) 2-Chlorophenol	6.55	128	461001	34.78	ng	97
9) Benzaldehyde	6.32	77	77783	6.01	ng	98
10) Phenol	6.42	94	598785	32.75	ng	83
11) bis(2-Chloroethyl)ether	6.50	93	482070	32.63	ng	99
12) 1,3-Dichlorobenzene	6.70	146	492203m	32.44	ng	
13) 1,4-Dichlorobenzene	6.78	146	514065m	33.09	ng	
14) 1,2-Dichlorobenzene	6.93	146	455707	33.13	ng	96
15) Benzyl Alcohol	6.92	79	370293	34.82	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.05	45	805879	32.83	ng	86
17) 2-Methylphenol	7.04	107	379969	33.89	ng	94
18) Hexachloroethane	7.27	117	176866	33.76	ng	96
19) n-Nitroso-di-n-propylamine	7.19	70	373219	36.39	ng	99
20) 3+4-Methylphenols	7.20	107	518612	35.67	ng	# 75
22) Acetophenone	7.19	105	653719	33.53	ng	# 94
24) Nitrobenzene	7.36	77	552347	33.66	ng	90
25) Isophorone	7.60	82	986897	33.52	ng	97
26) 2-Nitrophenol	7.68	139	260903	34.85	ng	90
27) 2,4-Dimethylphenol	7.73	122	455471	37.40	ng	96
28) bis(2-Chloroethoxy)methane	7.81	93	591904	31.84	ng	98
29) 2,4-Dichlorophenol	7.93	162	394205	34.40	ng	95
30) 1,2,4-Trichlorobenzene	8.00	180	410420	33.68	ng	98
31) Naphthalene	8.07	128	1272042	31.33	ng	99
32) Benzoic acid	7.89	122	219019	34.60	ng	99
33) 4-Chloroaniline	8.14	127	295472	17.93	ng	99
34) Hexachlorobutadiene	8.18	225	206713	32.93	ng	99
35) Caprolactam	8.52	113	142390m	36.39	ng	
36) 4-Chloro-3-methylphenol	8.64	107	438283	35.84	ng	87
37) 2-Methylnaphthalene	8.77	142	863413	33.43	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	392305	35.62	ng	100
40) Hexachlorocyclopentadiene	8.92	237	198664	72.77	ng	96

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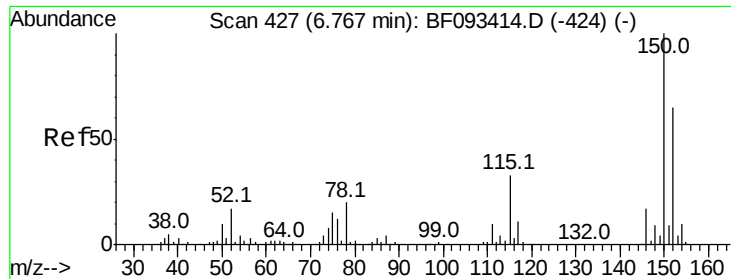
Manual Integrations
 APPROVED

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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	261704	38.03	nq	90
43) 2,4,5-Trichlorophenol	9.11	196	253151	34.29	nq #	87
45) 1,1'-Biphenyl	9.24	154	1066884	36.31	nq	99
46) 2-Chloronaphthalene	9.26	162	860520	38.26	nq	98
47) 2-Nitroaniline	9.36	65	292188	36.75	nq	86
48) Acenaphthylene	9.67	152	1279689	34.50	nq	99
49) Dimethylphthalate	9.53	163	984176	36.81	nq	98
50) 2,6-Dinitrotoluene	9.61	165	220669	37.61	nq #	76
51) Acenaphthene	9.84	154	784148	35.75	nq	96
52) 3-Nitroaniline	9.78	138	153616	21.79	nq #	78
53) 2,4-Dinitrophenol	9.90	184	202718	75.87	nq #	55
54) Dibenzofuran	10.01	168	1116696	40.68	nq	96
55) 4-Nitrophenol	9.97	139	249985	73.02	nq	93
56) 2,4-Dinitrotoluene	10.01	165	256083	35.53	nq #	53
57) Fluorene	10.36	166	901692	38.76	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	202530	38.87	nq	98
59) Diethylphthalate	10.23	149	894764	35.01	nq	99
60) 4-Chlorophenyl-phenylether	10.34	204	393008	37.69	nq	90
61) 4-Nitroaniline	10.40	138	255977	35.51	nq	81
62) Azobenzene	10.50	77	1176432	40.51	nq	96
64) 4,6-Dinitro-2-methylphenol	10.44	198	151963	32.83	nq	90
65) n-Nitrosodiphenylamine	10.47	169	800215	33.54	nq	100
66) 4-Bromophenyl-phenylether	10.84	248	242411	32.08	nq #	87
67) Hexachlorobenzene	10.90	284	240727	33.37	nq	94
68) Atrazine	11.00	200	219198	31.39	nq	100
69) Pentachlorophenol	11.11	266	194014	77.89	nq	98
70) Phenanthrene	11.32	178	1342049	32.91	nq	99
71) Anthracene	11.36	178	1362694	33.03	nq	99
72) Carbazole	11.53	167	1251997	32.30	nq	97
73) Di-n-butylphthalate	11.85	149	1594401	35.56	nq #	96
74) Fluoranthene	12.51	202	1373091	34.86	nq	95
76) Benzidine	12.63	184	520521	24.72	nq	96
77) Pyrene	12.73	202	1397359	30.00	nq	99
79) Butylbenzylphthalate	13.35	149	675164	34.43	nq #	78
80) Benzo(a)anthracene	13.92	228	1149761	30.40	nq	100
81) 3,3'-Dichlorobenzidine	13.89	252	310201	23.42	nq #	95
82) Chrysene	13.96	228	950875	27.17	nq	99
83) Bis(2-ethylhexyl)phthalate	13.90	149	874768	32.01	nq	99
84) Di-n-octyl phthalate	14.52	149	1560851	34.27	nq	98
85) Indeno(1,2,3-cd)pyrene	16.72	276	833324	28.45	nq #	93
87) Benzo(b)fluoranthene	14.95	252	1155004m	37.36	nq	
88) Benzo(k)fluoranthene	14.97	252	808595m	27.12	nq	
89) Benzo(a)pyrene	15.29	252	930049	32.91	nq	97
90) Dibenzo(a,h)anthracene	16.72	278	708261	30.30	nq	98
91) Benzo(g,h,i)perylene	17.13	276	730193	30.43	nq #	93

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



#1

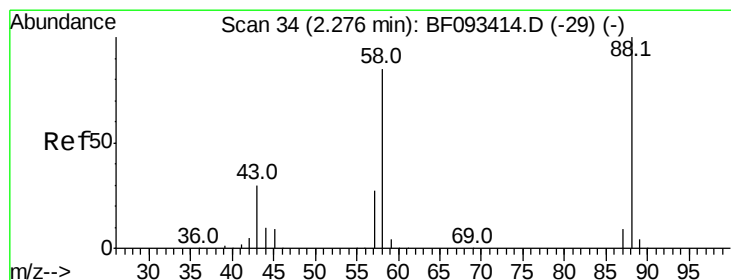
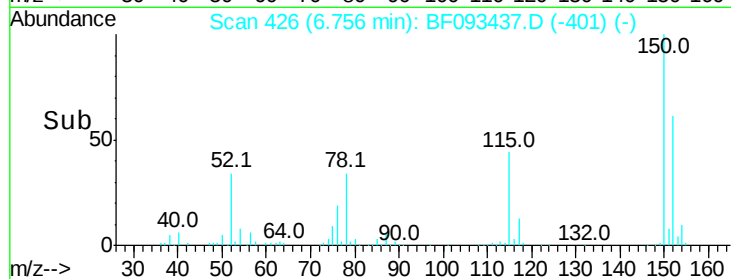
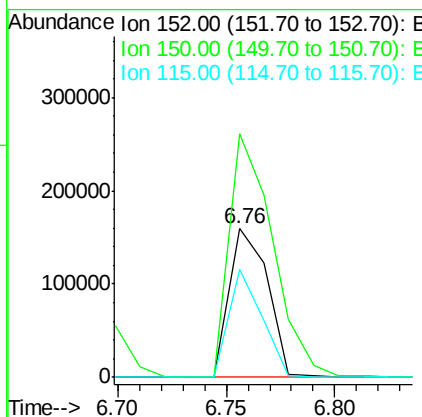
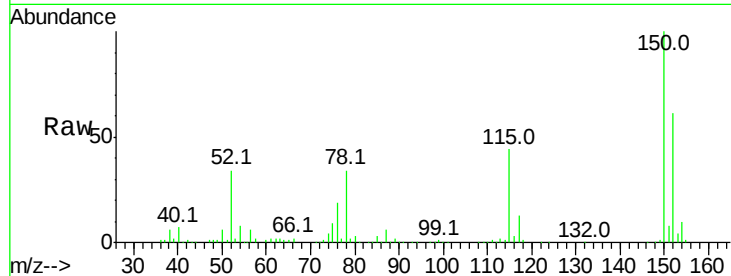
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/ml
RT: 6.76 min Scan# 426
Delta R.T. -0.01 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Instrument :
BNA_F
ClientSampleId :
PB97449BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.7	124.9	187.3
115	72.6	46.0	69.0

Manual Integrations
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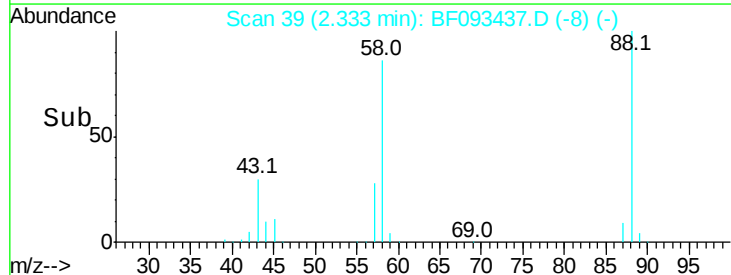
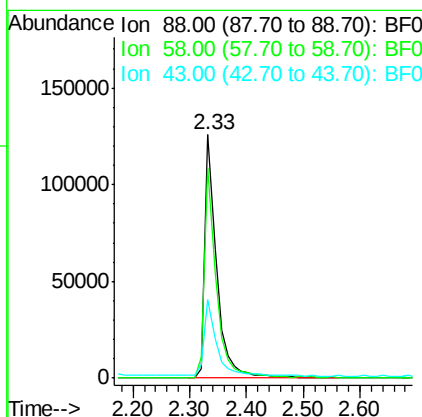
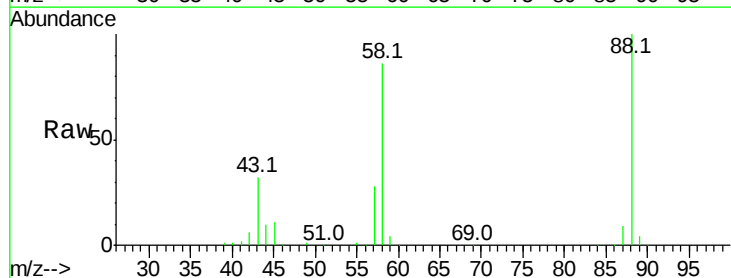
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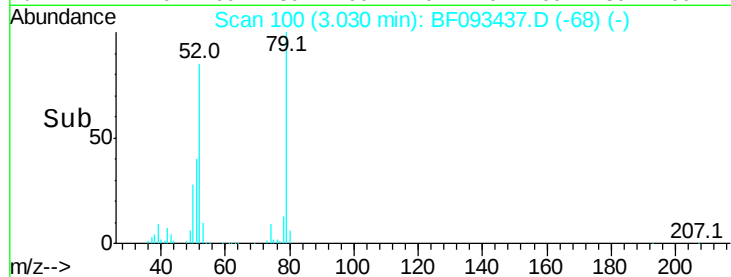
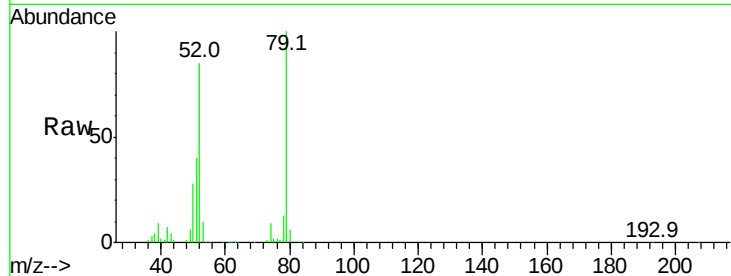
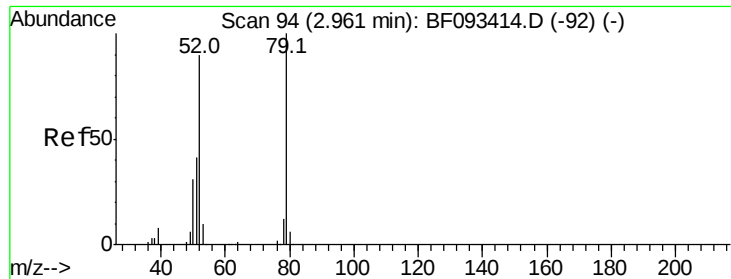


#2

1,4-Dioxane
Concen: 26.87 ng
RT: 2.33 min Scan# 39
Delta R.T. 0.06 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.6	57.8	86.8
43	34.4	22.3	33.5





#3

Pvridine

Concen: 29.77 ng

RT: 3.03 min Scan# 100

Delta R.T. 0.07 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

Tot Ion:	79	Resp:	494614
Ion Ratio	Lower	Upper	
79	100		
52	84.6	57.1	85.7
51	39.6	27.3	40.9

Instrument :

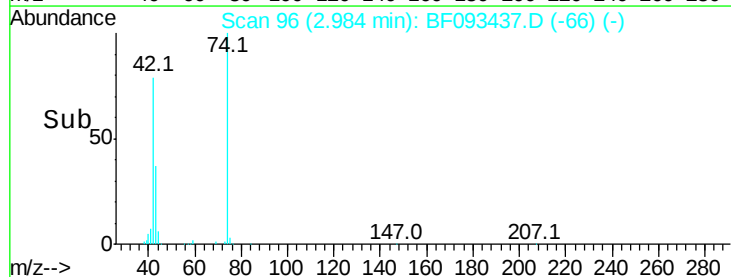
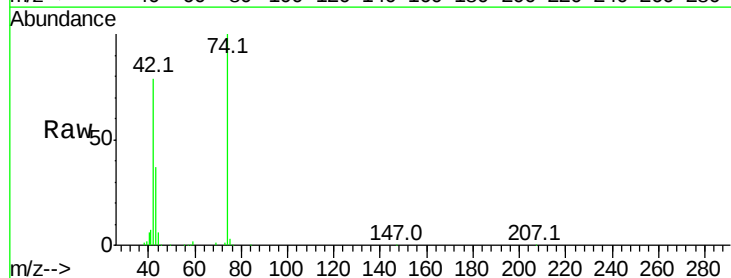
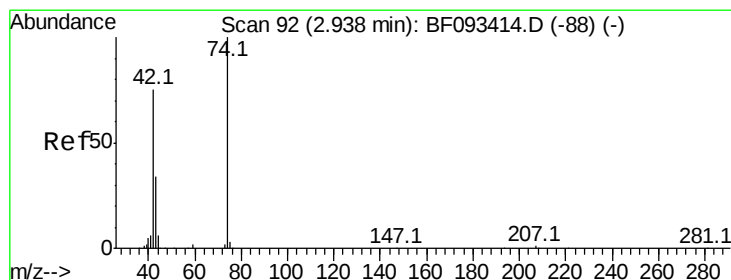
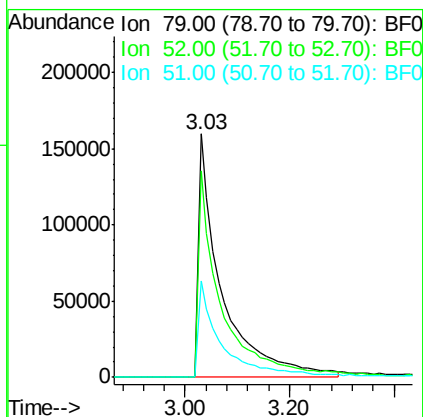
BNA_F

ClientSampleId :

PB97449BS

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 33.44 ng

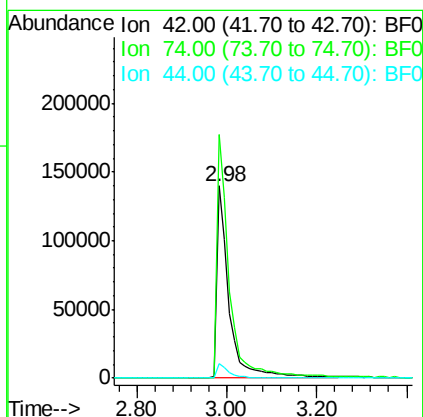
RT: 2.98 min Scan# 96

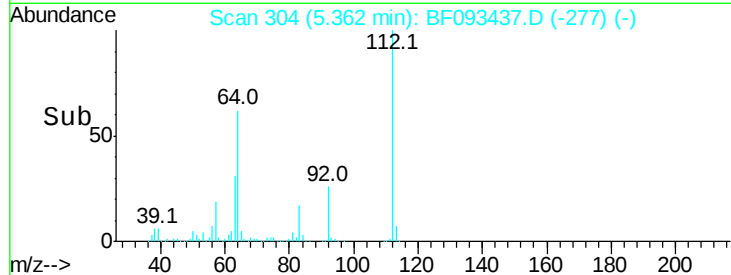
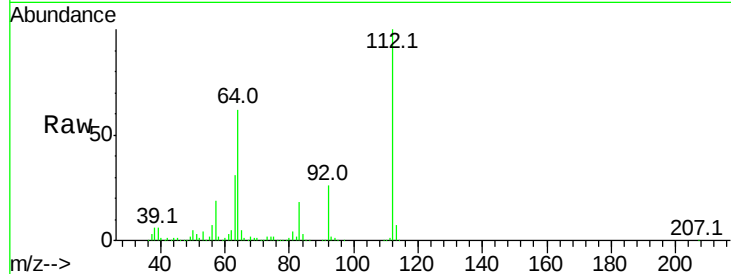
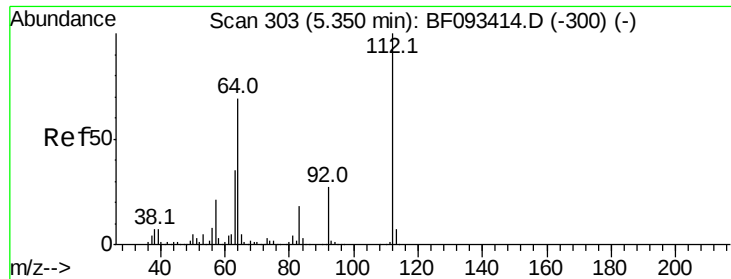
Delta R.T. 0.05 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

Tgt Ion:	42	Resp:	265390
Ion Ratio	Lower	Upper	
42	100		
74	126.9	117.0	175.4
44	7.3	5.5	8.3





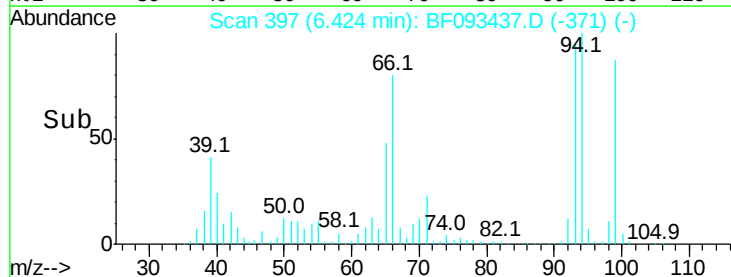
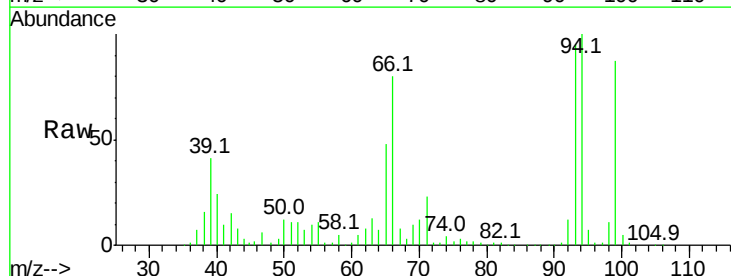
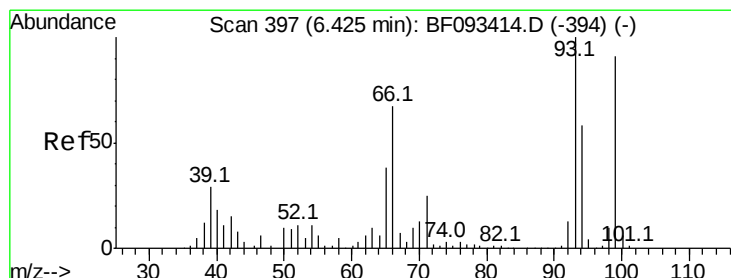
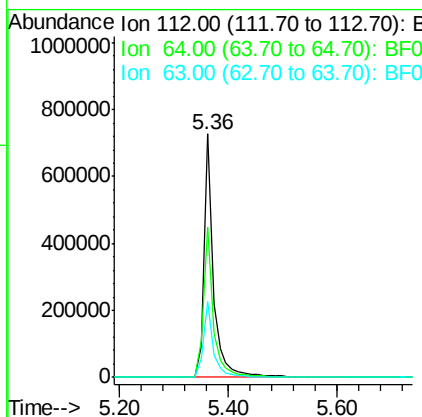
#5
2-Fluorophenol
Concen: 73.74 ng
RT: 5.36 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Tot Ion	Ratio	Resp	Lower	Upper
112	100	872366		
64	61.8		46.1	69.1
63	31.4		23.8	35.6

Instrument :
BNA_F
ClientSampleId :
PB97449BS

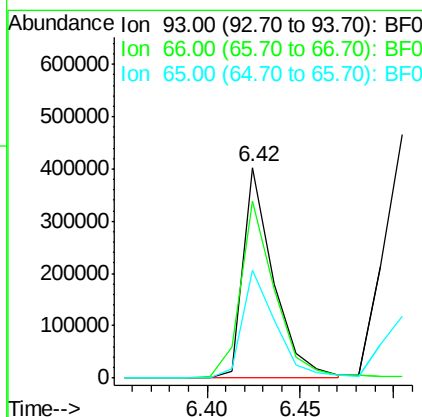
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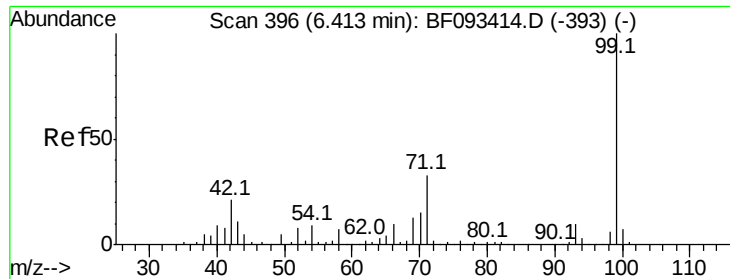
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#6
Aniline
Concen: 22.36 ng
RT: 6.42 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	457738		
66	84.1		76.2	114.2
65	51.0		49.3	73.9





#7

Phenol-d6

Concen: 68.20 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

Instrument :

BNA_F

ClientSampleId :

PB97449BS

Tot Ion: 99 Resp: 1017477

Ion Ratio Lower Upper

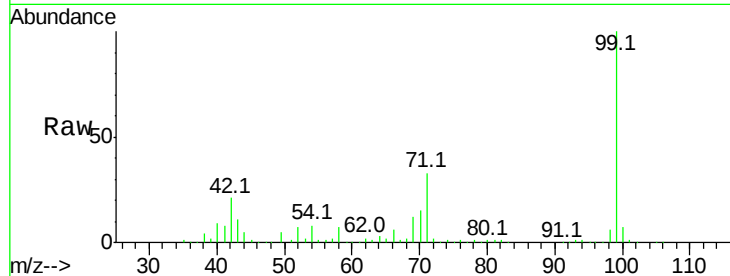
99 100

42 21.4 15.6 23.4

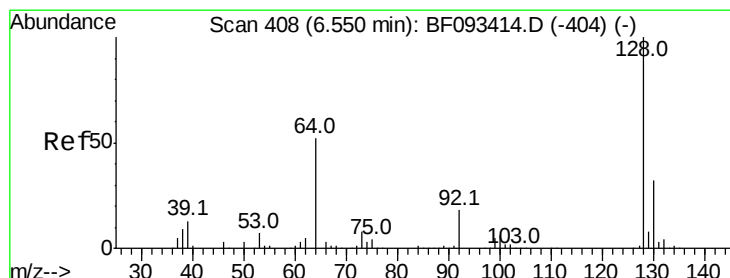
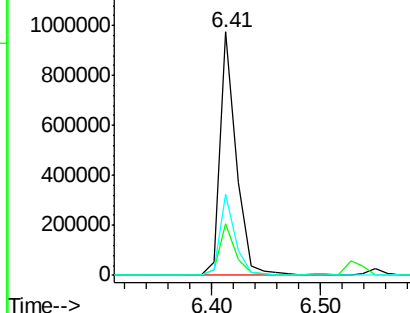
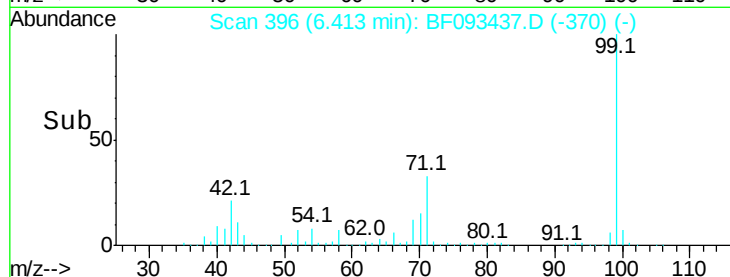
71 33.1 27.5 41.3

Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 34.78 ng

RT: 6.55 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

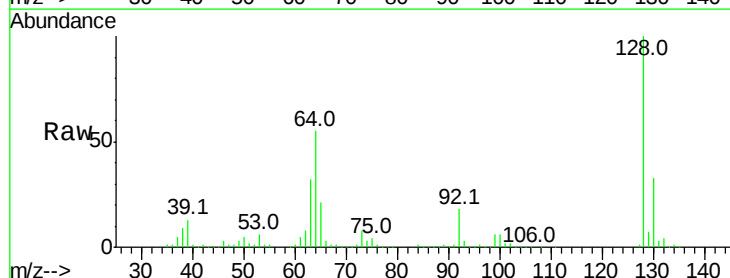
Tgt Ion: 128 Resp: 461001

Ion Ratio Lower Upper

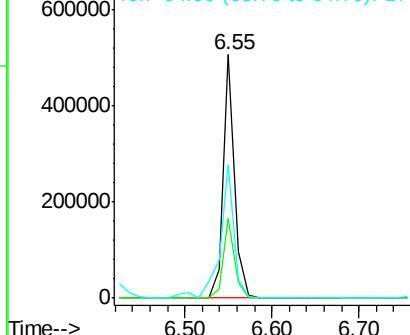
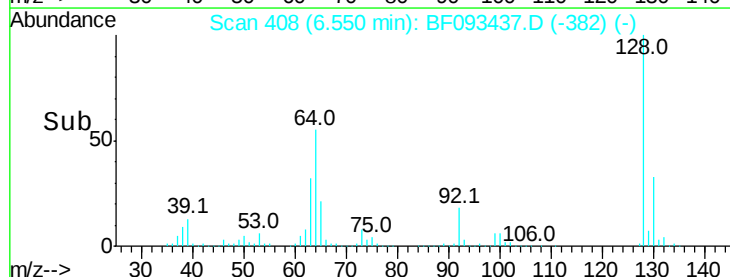
128 100

130 32.8 12.3 52.3

64 54.9 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





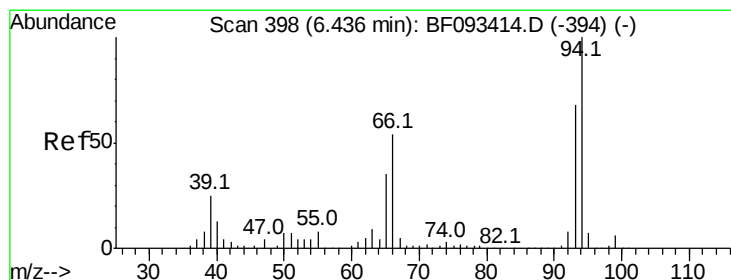
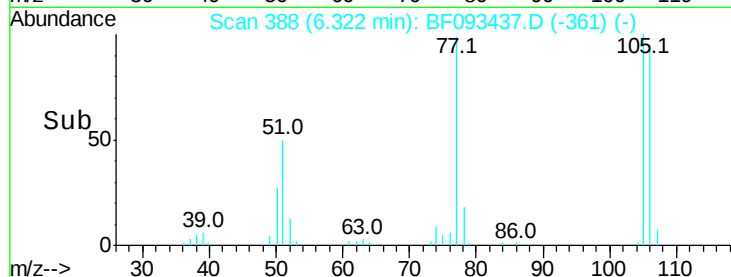
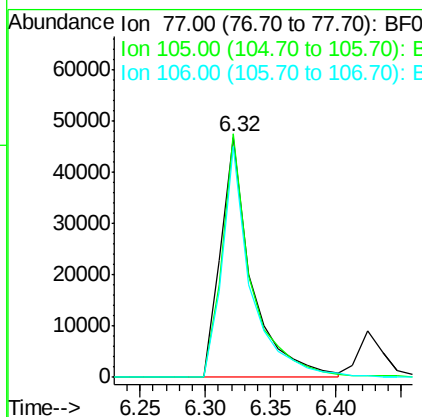
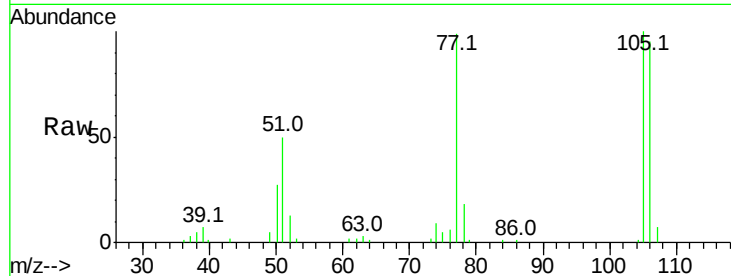
#9
Benzaldehyde
Concen: 6.01 ng
RT: 6.32 min Scan# 388
Delta R.T. 0.01 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Instrument :
BNA_F
ClientSampleId :
PB97449BS

Tot Ion: 77 Resp: 77783
Ion Ratio Lower Upper
77 100
105 101.3 83.9 123.9
106 95.8 77.6 117.6

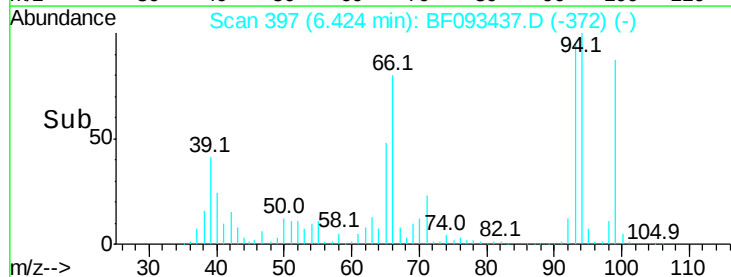
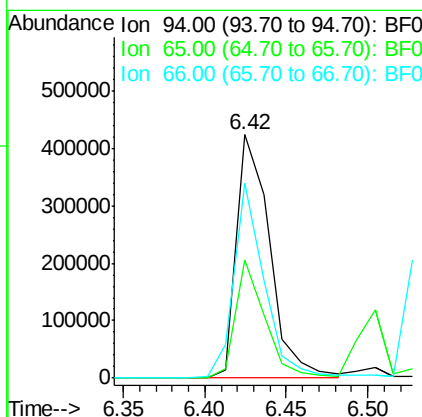
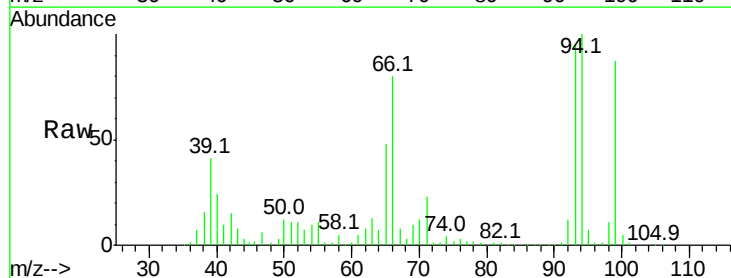
Manual Integrations
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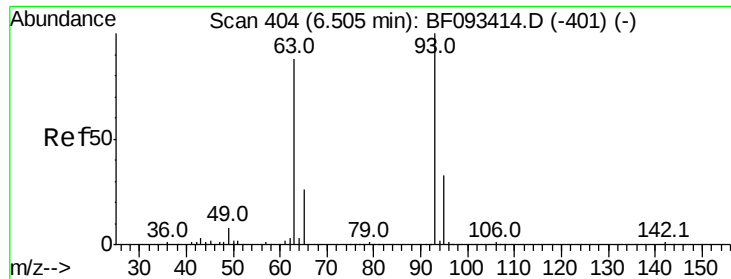
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#10
Phenol
Concen: 32.75 ng
RT: 6.42 min Scan# 397
Delta R.T. -0.01 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Tgt Ion: 94 Resp: 598785
Ion Ratio Lower Upper
94 100
65 48.5 21.4 61.4
66 80.0 44.0 84.0





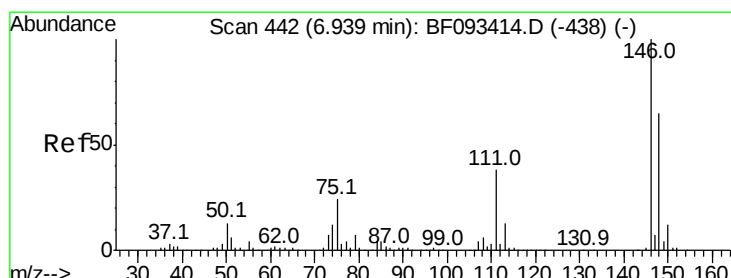
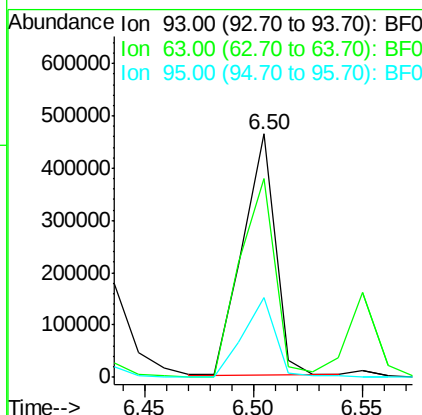
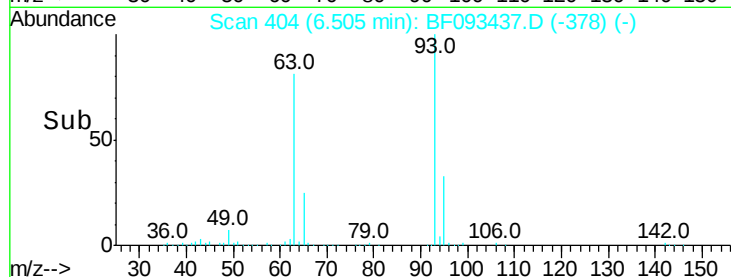
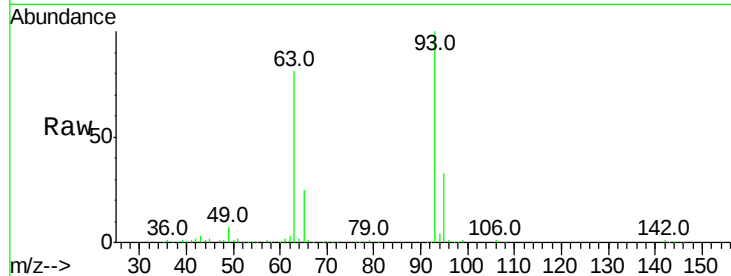
#11
bis(2-Chloroethyl)ether
Concen: 32.63 ng
RT: 6.50 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Instrument :
BNA_F
ClientSampleId :
PB97449BS

Tot Ion	93	Resp	482070
Ion Ratio	100	Lower	Upper
93	100		
63	81.5	60.4	100.4
95	33.0	12.8	52.8

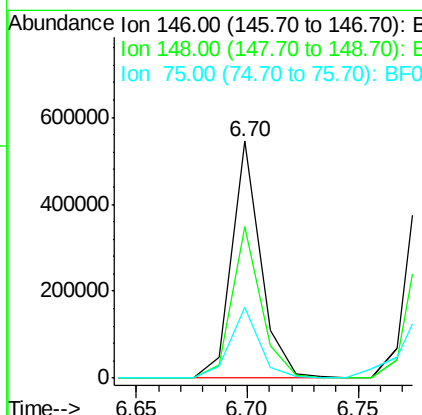
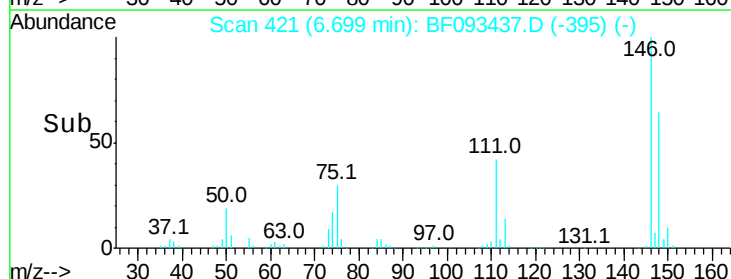
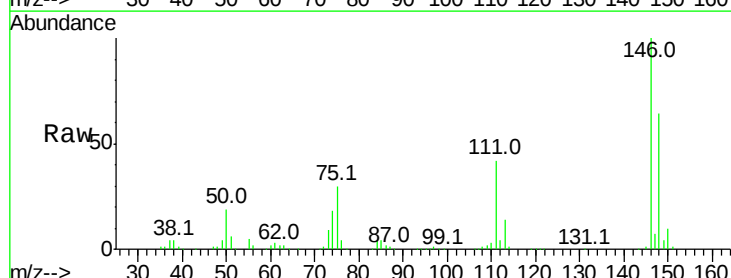
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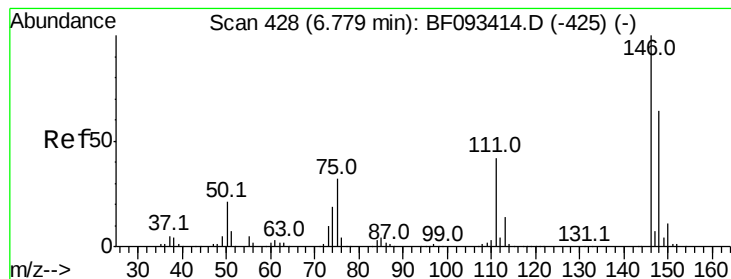
mohammad
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#12
1,3-Dichlorobenzene
Concen: 32.44 ng m
RT: 6.70 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Tgt Ion	146	Resp	492203
Ion Ratio	100	Lower	Upper
146	100		
148	63.8	53.4	80.0
75	30.0	18.5	27.7#





#13

1,4-Dichlorobenzene

Concen: 33.09 ng

RT: 6.78 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

Instrument :

BNA_F

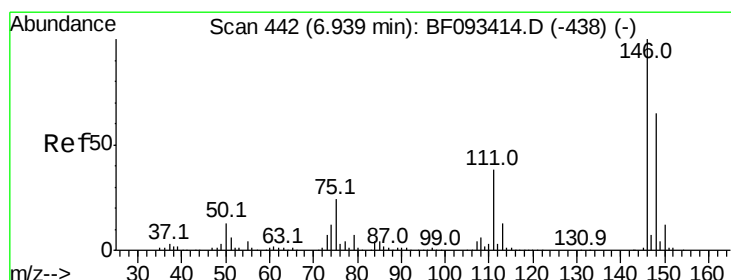
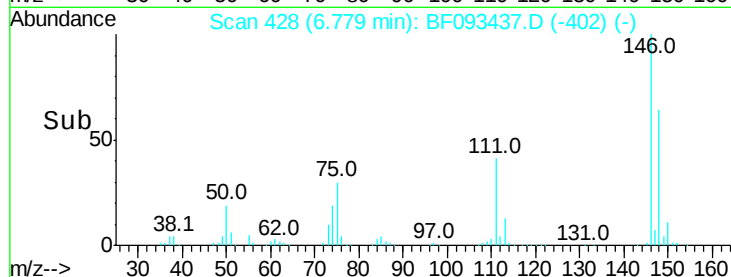
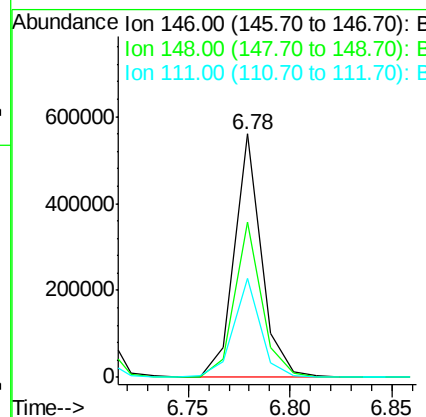
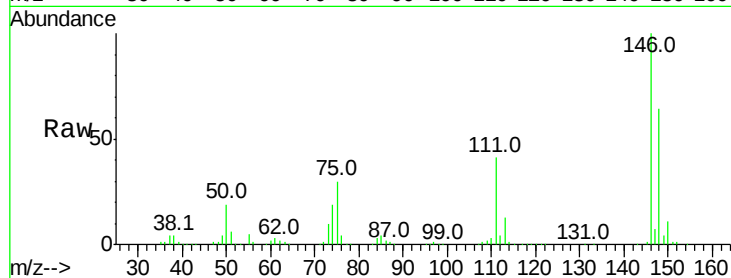
ClientSampleId :

PB97449BS

Tot Ion:	146	Resp:	514065
Ion Ratio	Lower	Upper	
146	100		
148	63.8	50.6	76.0
111	40.7	36.2	54.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 33.13 ng

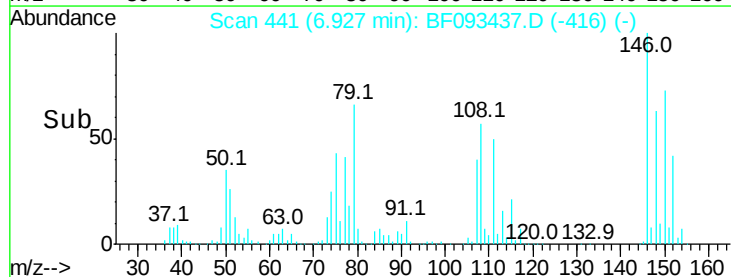
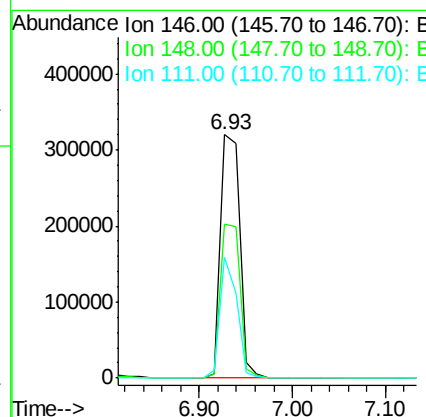
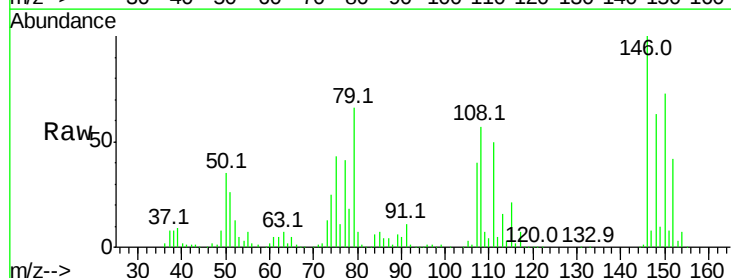
RT: 6.93 min Scan# 441

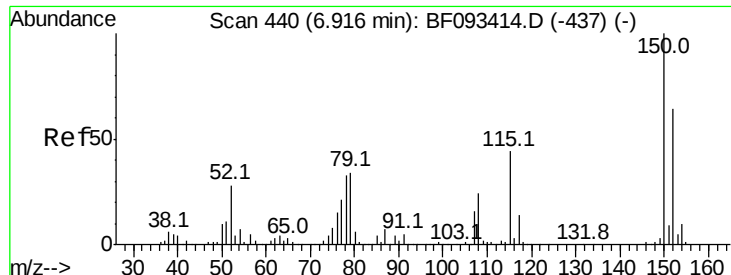
Delta R.T. -0.01 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

Tgt Ion:	146	Resp:	455707
Ion Ratio	Lower	Upper	
146	100		
148	63.0	52.2	78.2
111	49.8	36.2	54.2





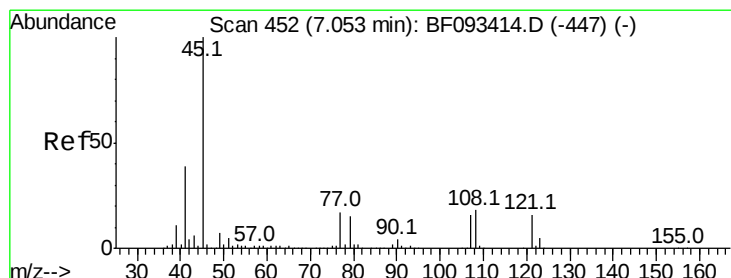
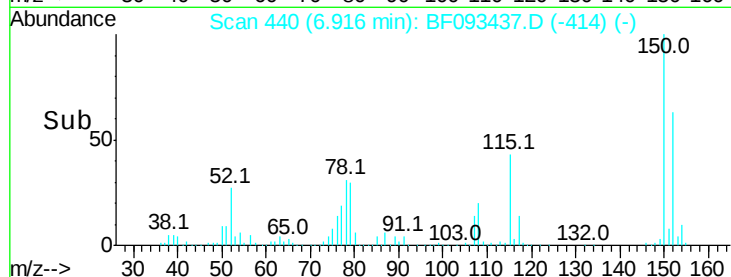
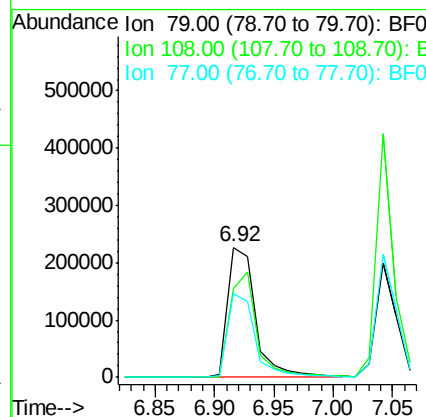
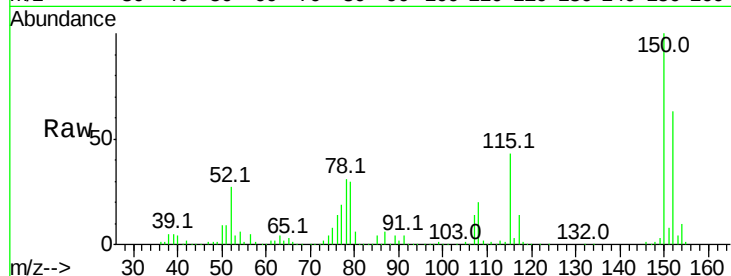
#15
Benzyl Alcohol
Concen: 34.82 ng
RT: 6.92 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Instrument :
BNA_F
ClientSampleId :
PB97449BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	68.3	61.4	92.0
77	64.6	50.9	76.3

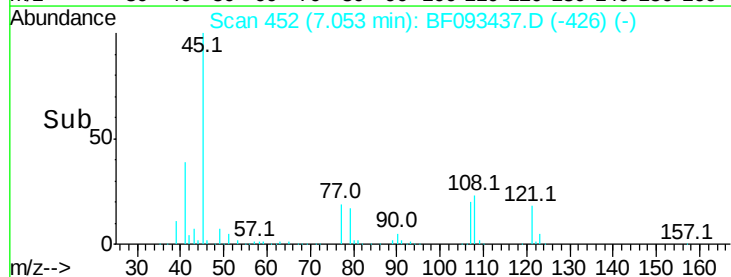
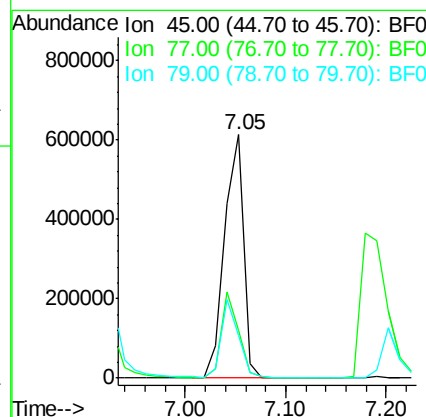
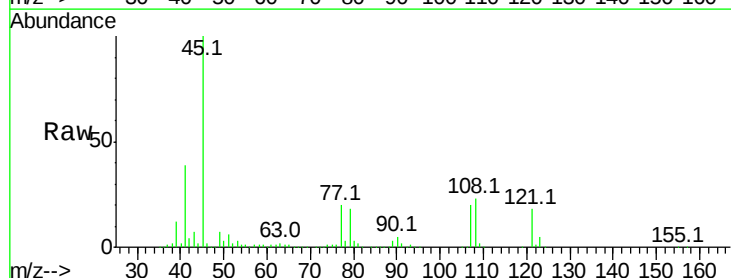
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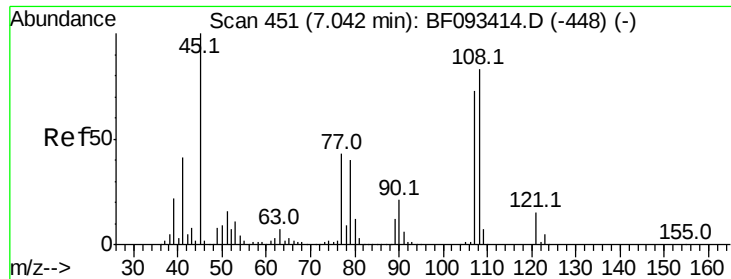
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#16
2,2'-oxybis(1-chloropropane)
Concen: 32.83 ng
RT: 7.05 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.6	0.0	34.6
79	17.5	0.0	31.2





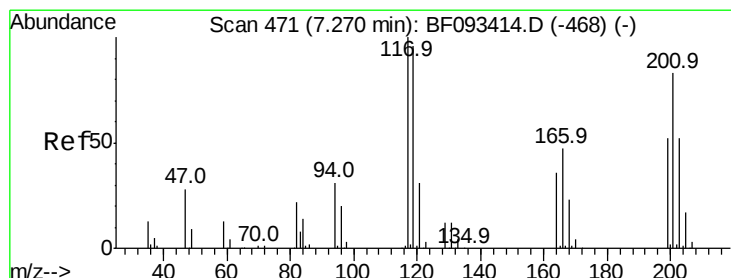
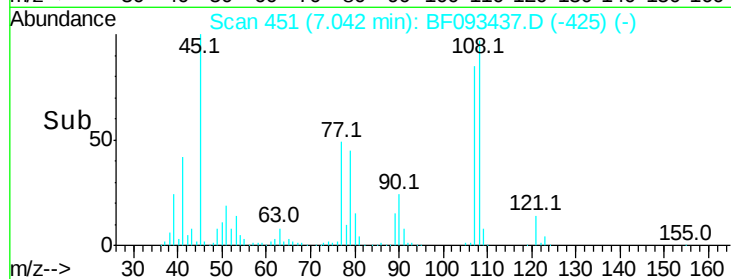
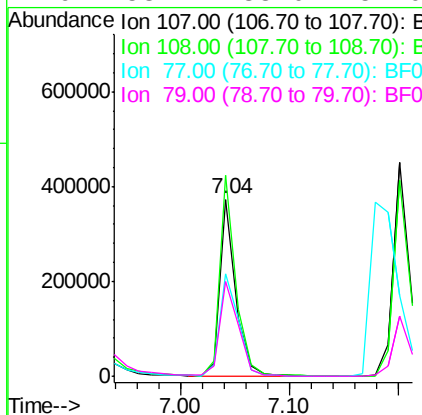
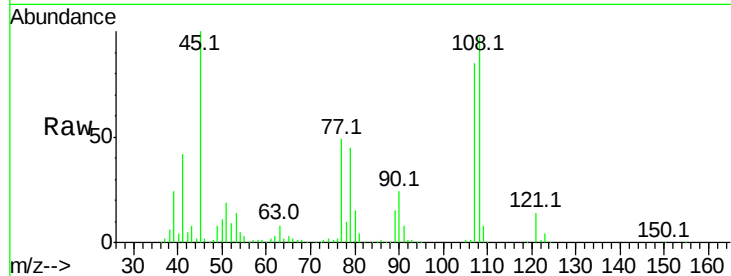
#17
2-Methylphenol
Concen: 33.89 ng
RT: 7.04 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Instrument :
BNA_F
ClientSampleId :
PB97449BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	379969		
108	113.9	93.0	139.6	
77	57.8	39.8	59.8	
79	53.2	38.0	57.0	

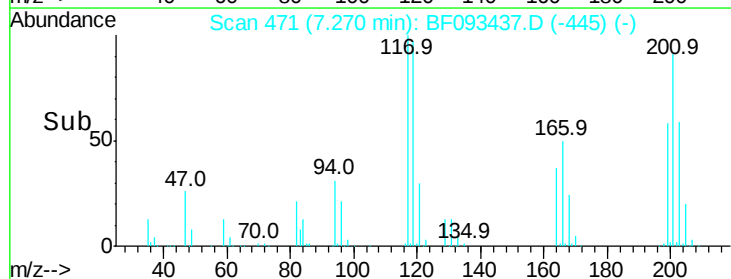
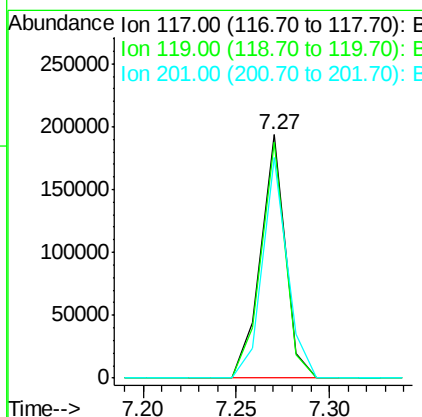
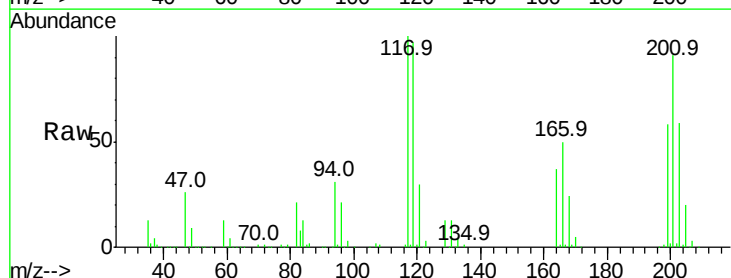
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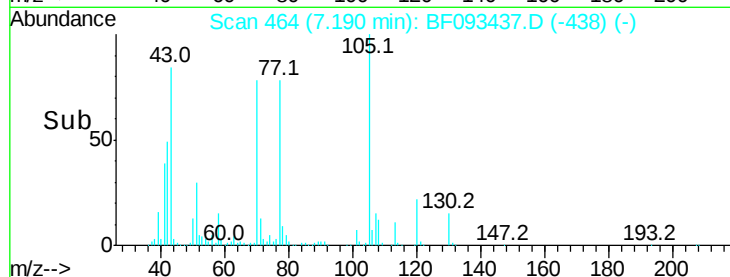
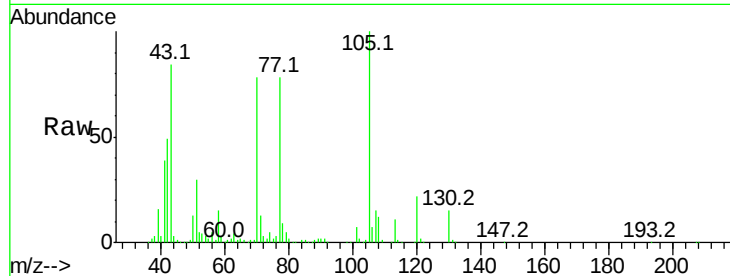
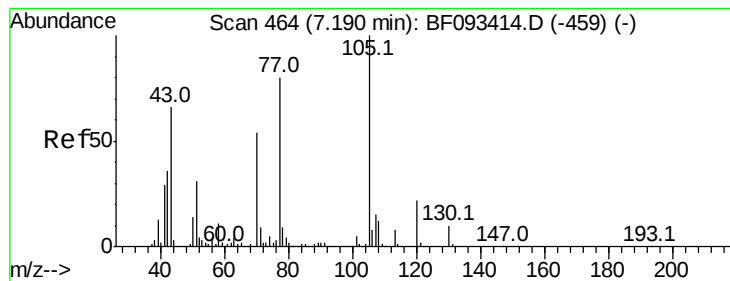
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#18
Hexachloroethane
Concen: 33.76 ng
RT: 7.27 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	176866		
119	96.8	78.1	117.1	
201	90.6	78.6	117.8	





#19

n-Nitroso-di-n-propylamine

Concen: 36.39 ng

RT: 7.19 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

Instrument :

BNA_F

ClientSampleId :

PB97449BS

Tot Ion: 70 Resp: 373219

Ion Ratio Lower Upper

70 100

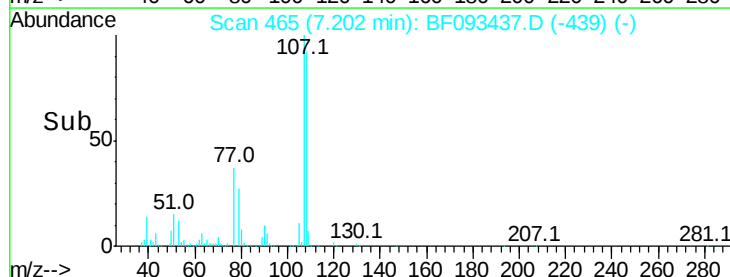
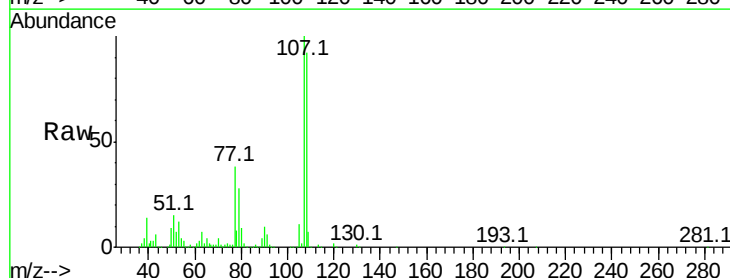
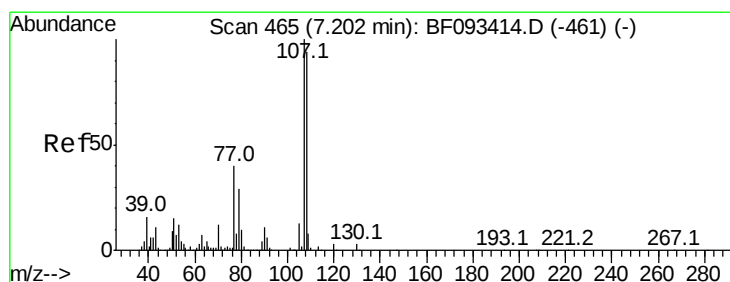
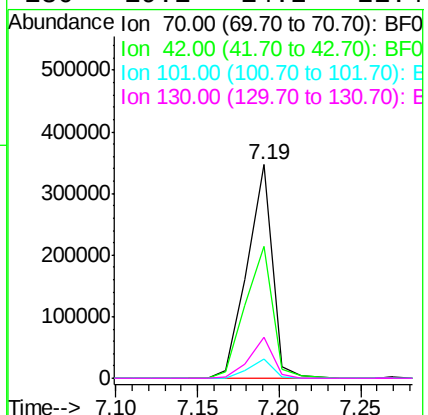
42 62.0 49.4 74.0

101 9.3 7.4 11.2

130 19.1 14.2 21.4

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#20

3+4-Methylphenols

Concen: 35.67 ng

RT: 7.20 min Scan# 465

Delta R.T. -0.00 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

Tgt Ion: 107 Resp: 518612

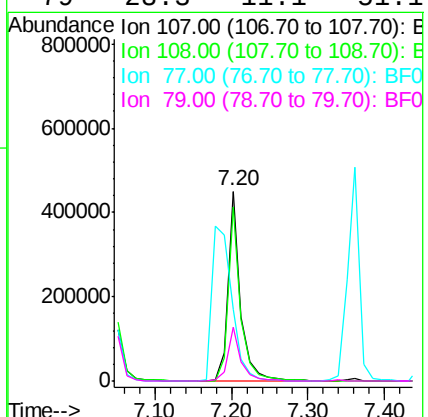
Ion Ratio Lower Upper

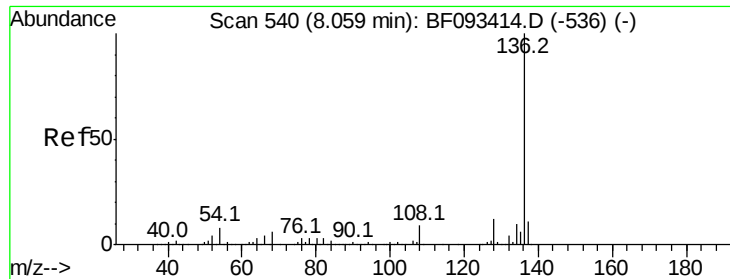
107 100

108 91.7 73.0 113.0

77 37.8 71.3 111.3#

79 28.3 11.1 51.1





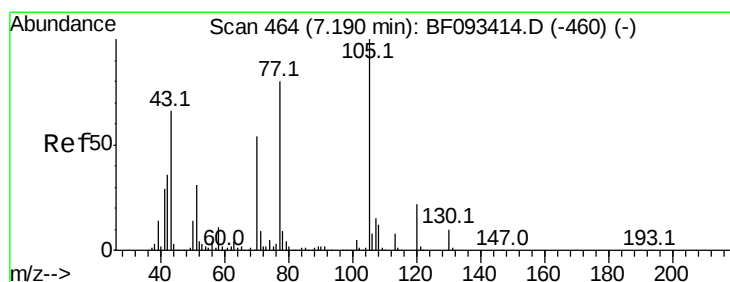
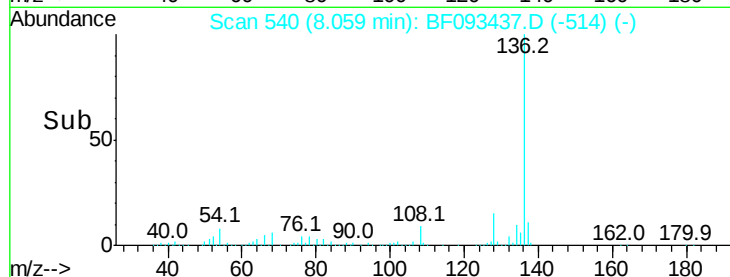
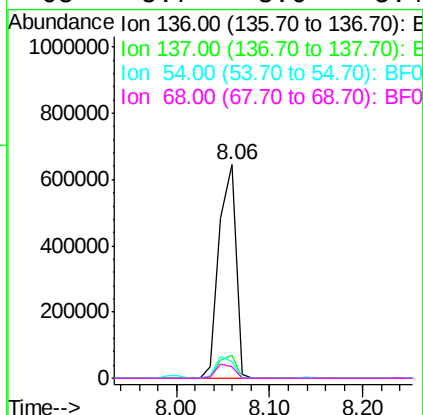
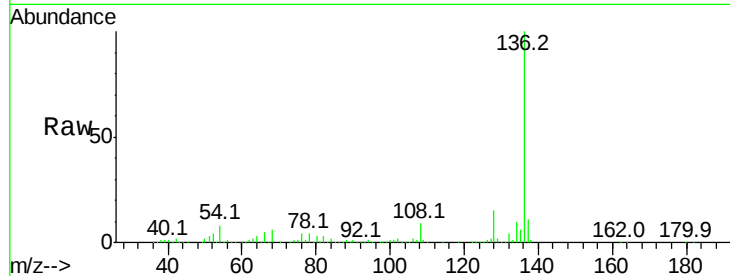
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Instrument :
BNA_F
ClientSampleId :
PB97449BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.4	12.6	
54	7.5	4.5	6.7#	
68	5.7	3.6	5.4#	

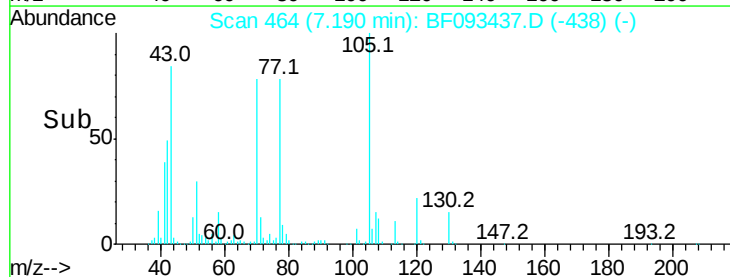
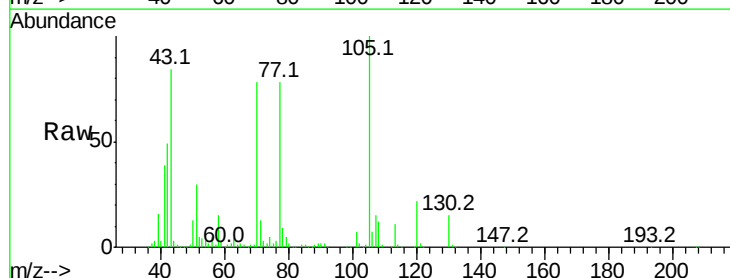
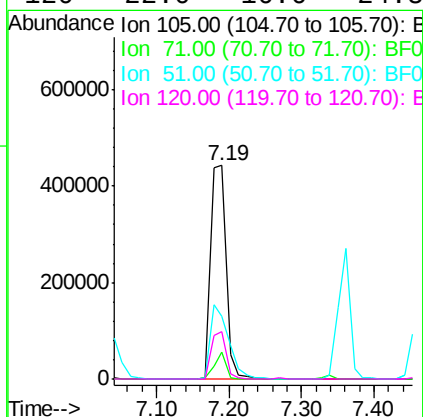
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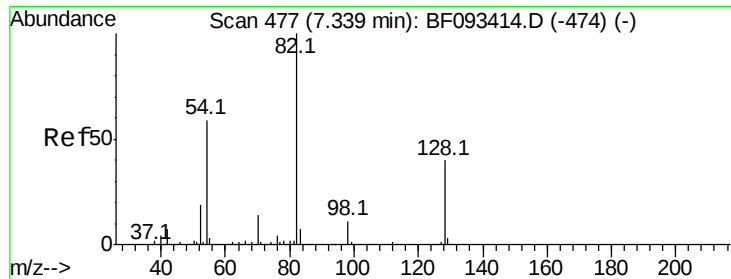
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#22
Acetophenone
Concen: 33.53 ng
RT: 7.19 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	12.8	3.2	4.8#	
51	29.6	26.2	39.4	
120	22.0	16.6	24.8	





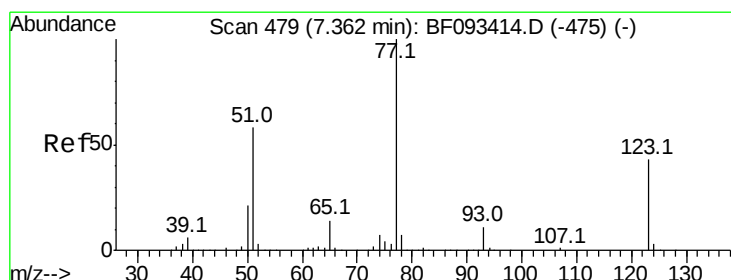
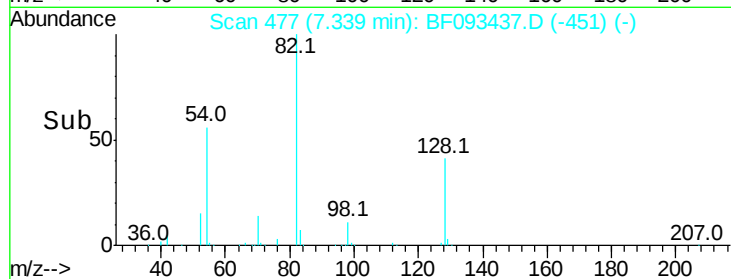
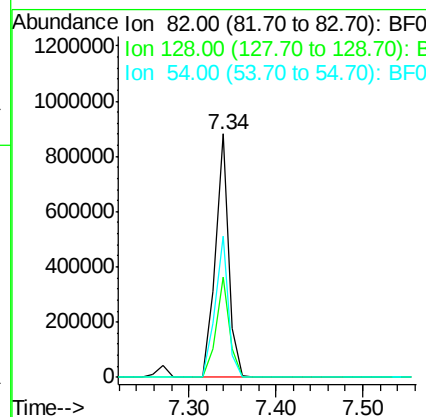
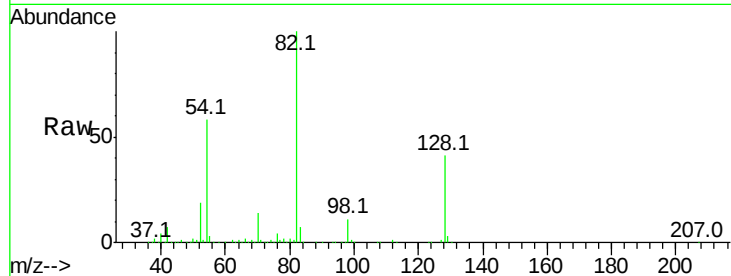
#23
Nitrobenzene-d5
Concen: 65.04 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Instrument :
BNA_F
ClientSampleId :
PB97449BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.0	34.6	52.0
54	58.2	39.5	59.3

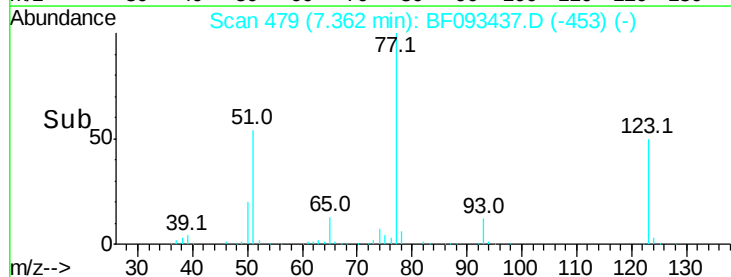
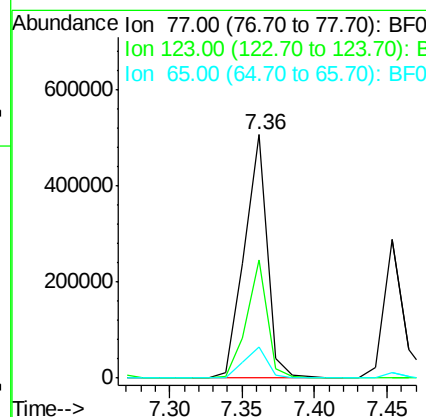
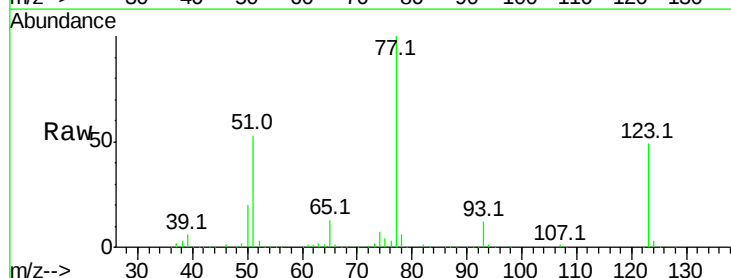
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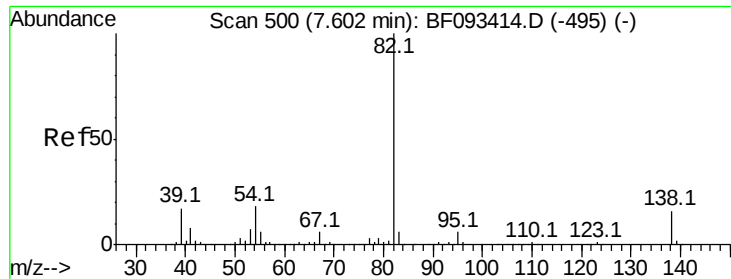
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#24
Nitrobenzene
Concen: 33.66 ng
RT: 7.36 min Scan# 479
Delta R.T. -0.00 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.7	33.0	49.4
65	13.0	11.2	16.8





#25

Isophorone

Concen: 33.52 ng

RT: 7.60 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

Instrument :

BNA_F

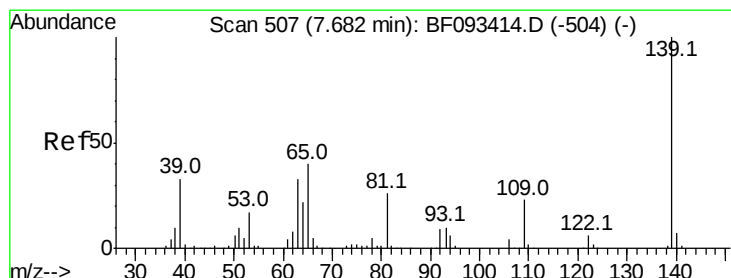
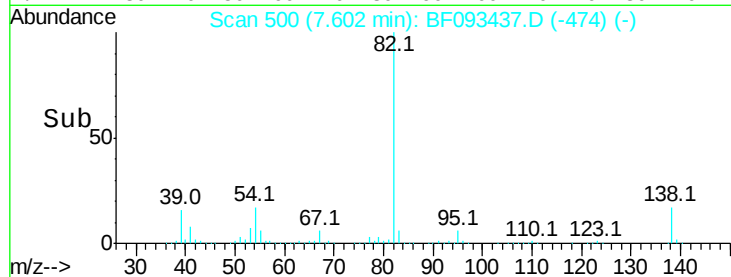
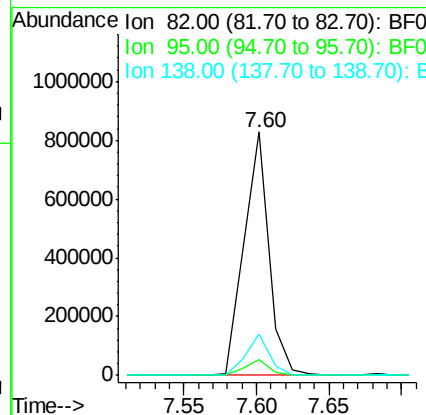
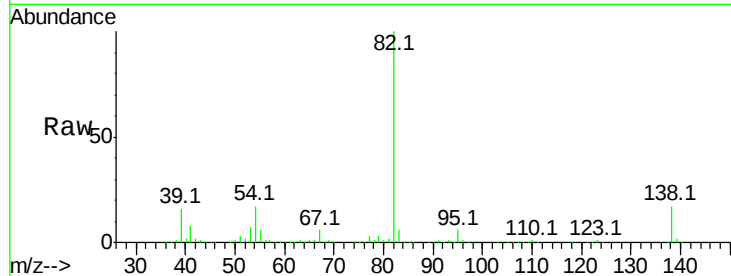
ClientSampleId :

PB97449BS

Tot Ion:	82	Resp:	986897
Ion Ratio	Lower	Upper	
82	100		
95	6.3	5.6	8.4
138	17.1	14.6	22.0

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#26

2-Nitrophenol

Concen: 34.85 ng

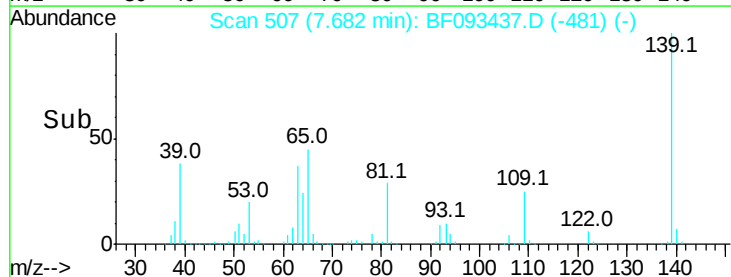
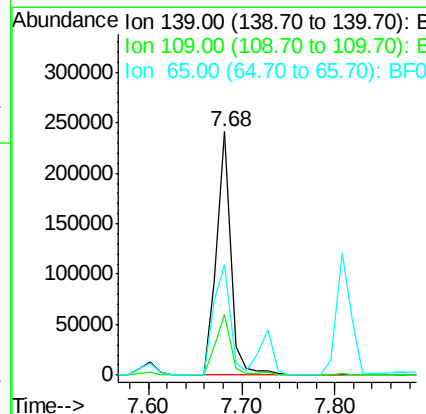
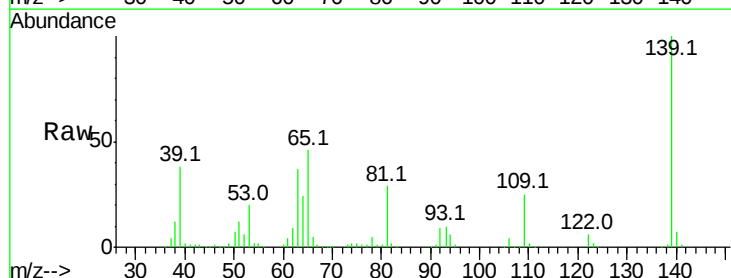
RT: 7.68 min Scan# 507

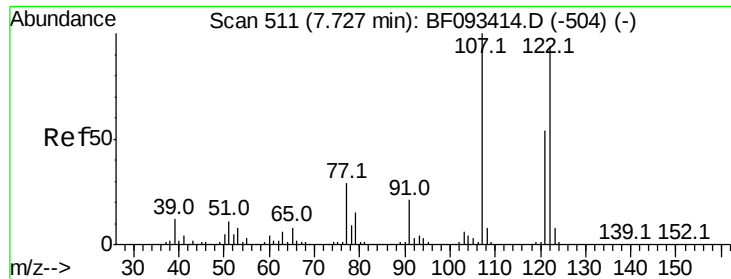
Delta R.T. -0.00 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

Tgt Ion:	139	Resp:	260903
Ion Ratio	Lower	Upper	
139	100		
109	24.7	23.3	34.9
65	45.6	42.7	64.1





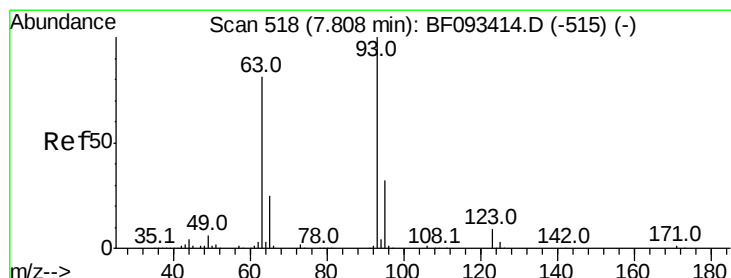
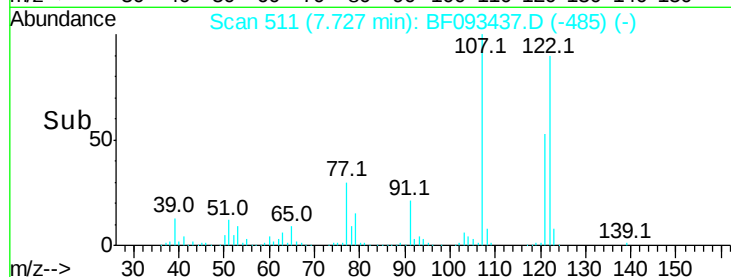
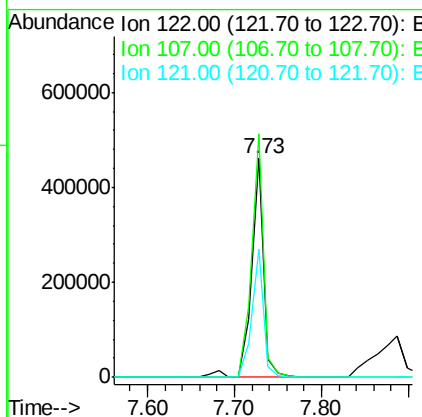
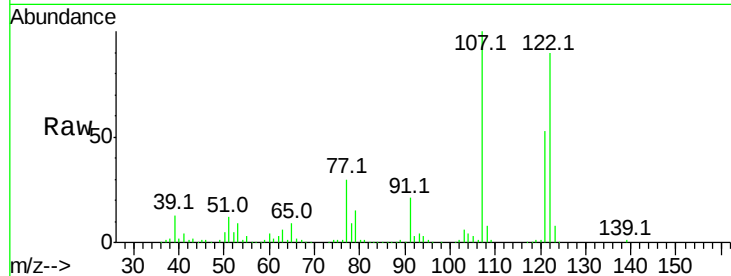
#27
 2,4-Dimethylphenol
 Concen: 37.40 ng
 RT: 7.73 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF093437.D
 Acq: 8 Mar 2017 19:18

Instrument :
 BNA_F
 ClientSampleId :
 PB97449BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	455471		
107	111.2	94.1	141.1	
121	58.7	46.0	69.0	

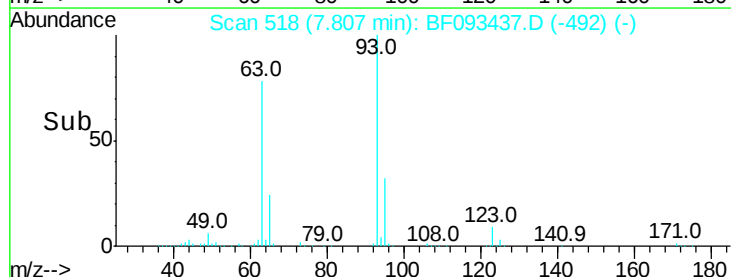
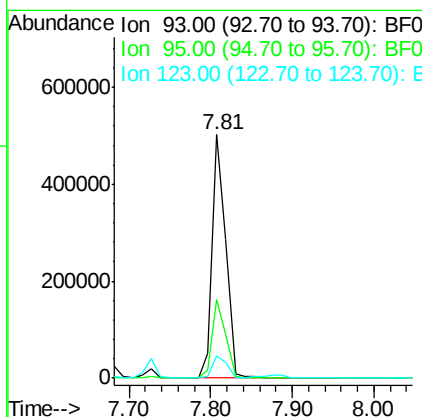
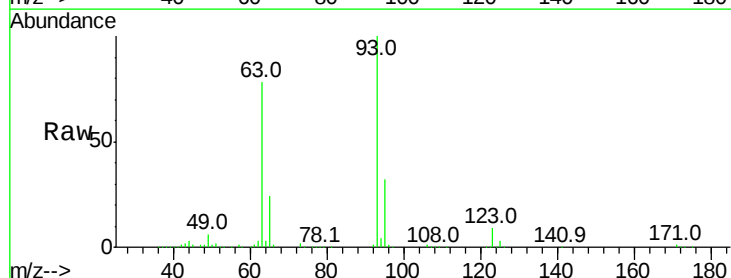
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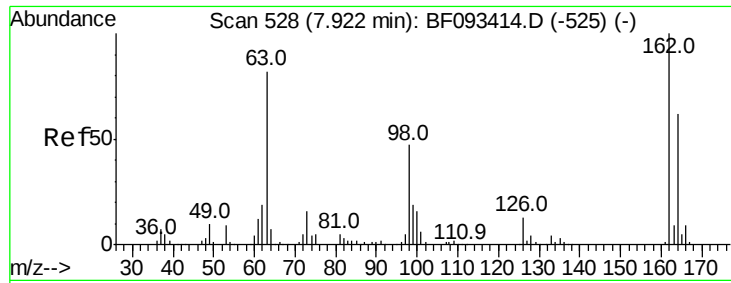
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 31.84 ng
 RT: 7.81 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: BF093437.D
 Acq: 8 Mar 2017 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	591904		
95	32.4	26.5	39.7	
123	9.2	8.6	13.0	





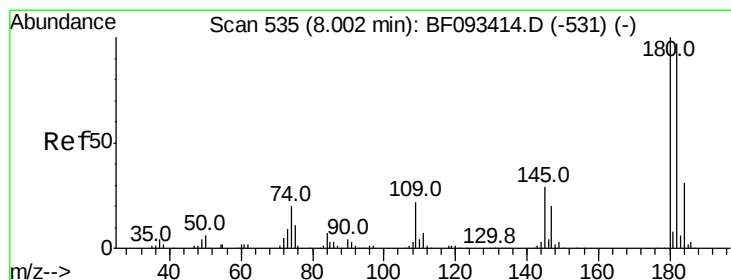
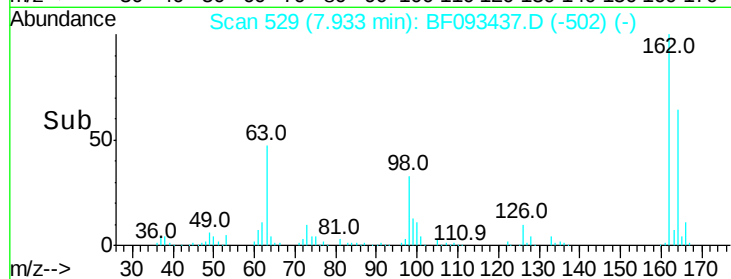
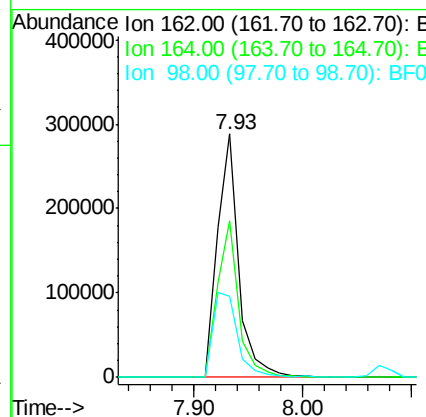
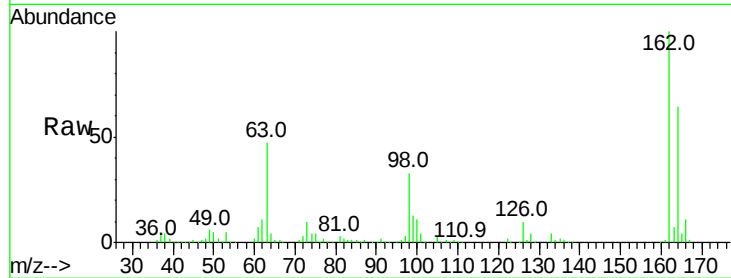
#29
 2,4-Dichlorophenol
 Concen: 34.40 ng
 RT: 7.93 min Scan# 529
 Delta R.T. 0.01 min
 Lab File: BF093437.D
 Acq: 8 Mar 2017 19:18

Instrument :
 BNA_F
 ClientSampleId :
 PB97449BS

Tot Ion:	162	Resp:	394205
Ion Ratio	Lower	Upper	
162	100		
164	64.3	46.8	86.8
98	33.2	9.1	49.1

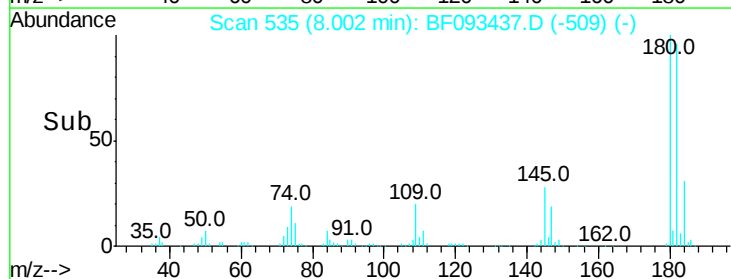
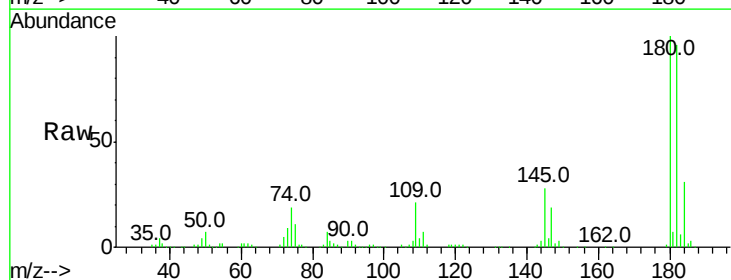
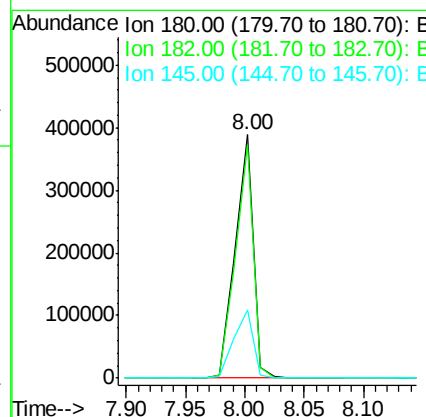
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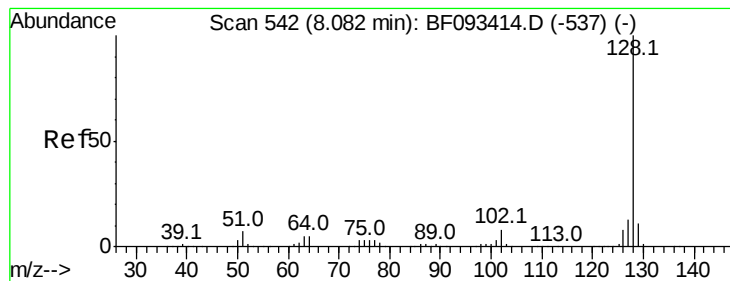
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#30
 1,2,4-Trichlorobenzene
 Concen: 33.68 ng
 RT: 8.00 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: BF093437.D
 Acq: 8 Mar 2017 19:18

Tgt Ion:	180	Resp:	410420
Ion Ratio	Lower	Upper	
180	100		
182	95.7	78.2	117.4
145	28.1	21.6	32.4





#31

Naphthalene

Concen: 31.33 ng

RT: 8.07 min Scan# 541

Delta R.T. -0.01 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

Instrument :

BNA_F

ClientSampleId :

PB97449BS

Tot Ion:128 Resp: 1272042

Ion Ratio Lower Upper

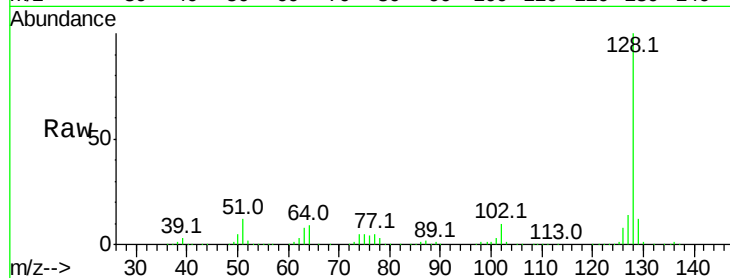
128 100

129 11.6 9.5 14.3

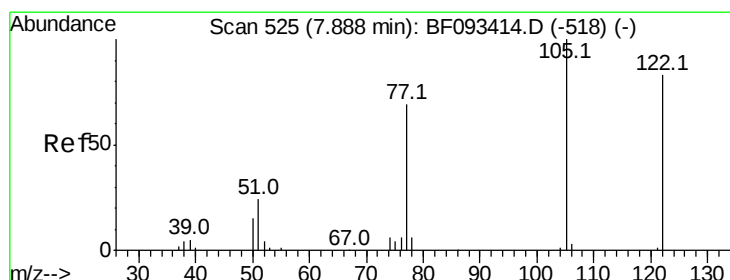
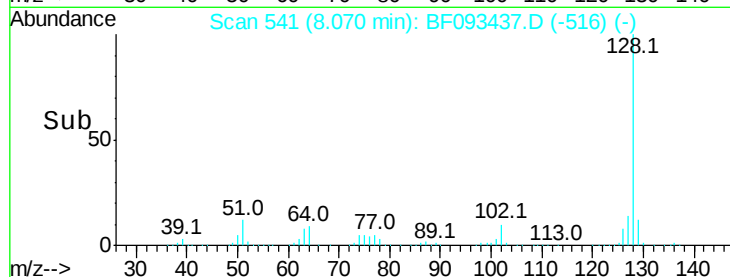
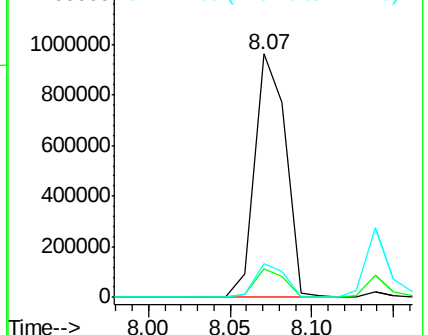
127 13.8 10.8 16.2

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



#32

Benzoic acid

Concen: 34.60 ng

RT: 7.89 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

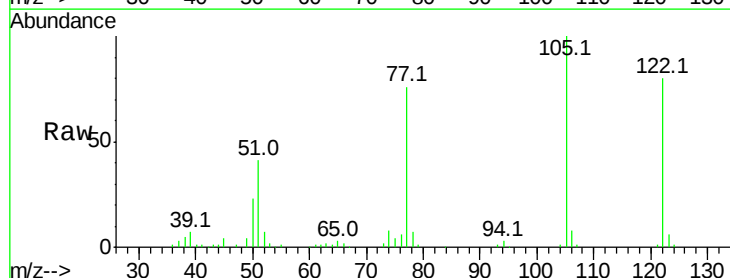
Tgt Ion:122 Resp: 219019

Ion Ratio Lower Upper

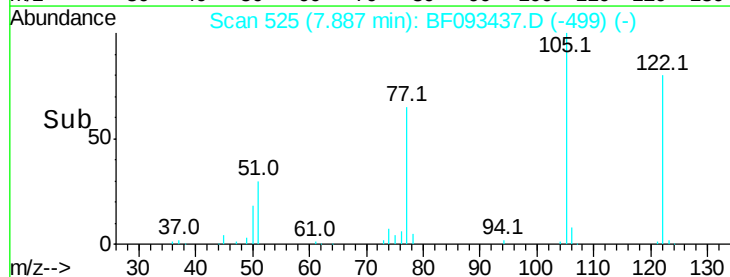
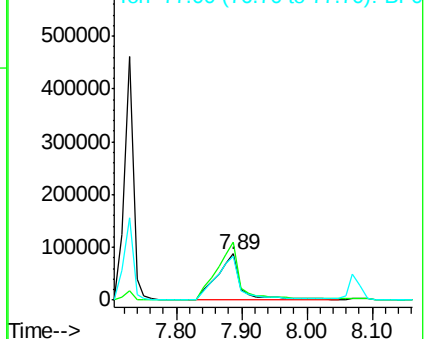
122 100

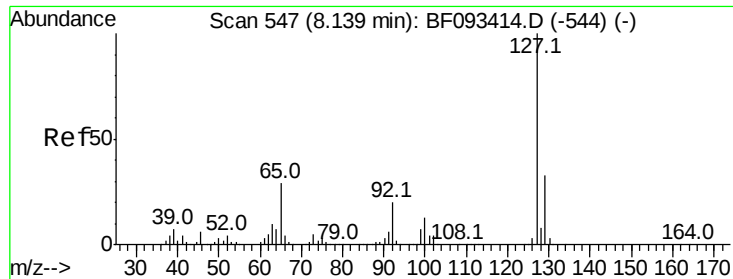
105 125.5 107.2 147.2

77 95.2 74.5 114.5



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





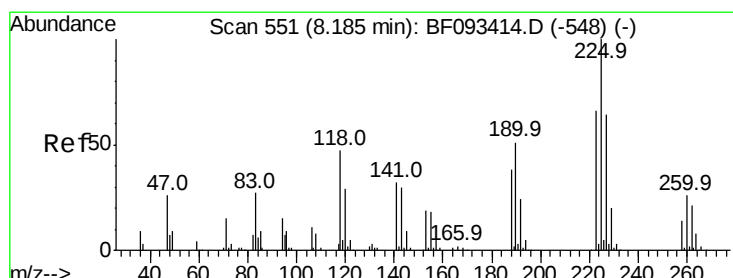
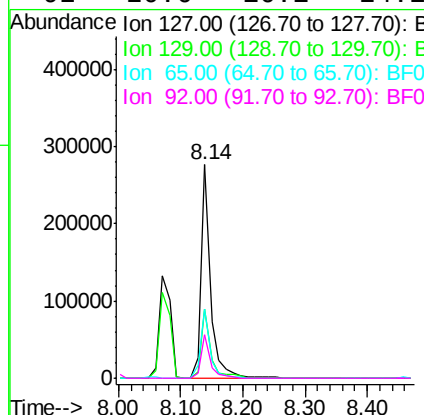
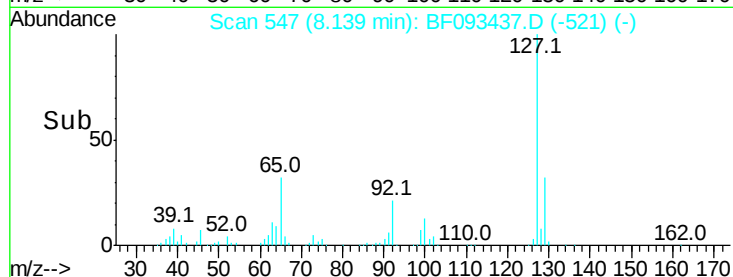
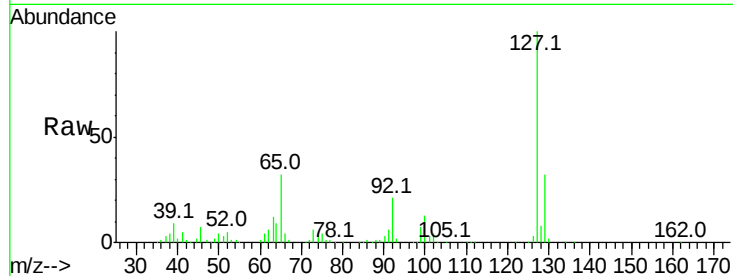
#33
4-Chloroaniline
Concen: 17.93 ng
RT: 8.14 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Instrument :
BNA_F
ClientSampleId :
PB97449BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	26.3	39.5		
65	32.2	25.8	38.8		
92	20.6	16.1	24.1		

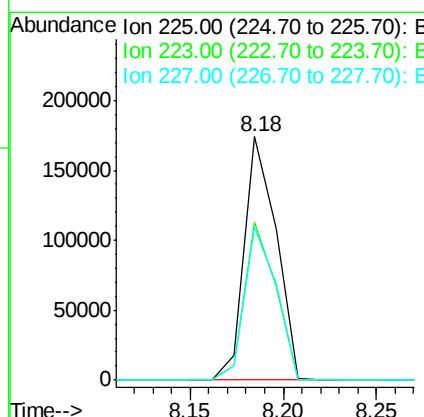
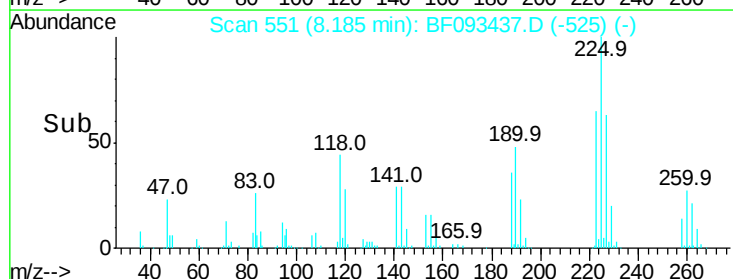
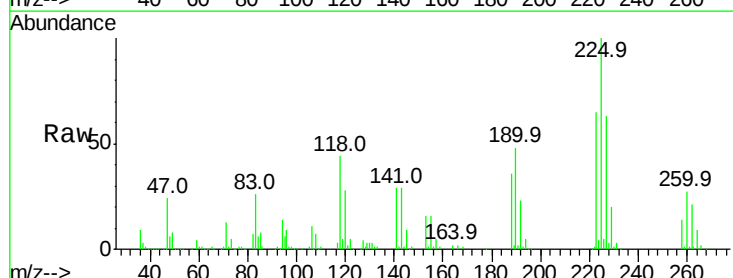
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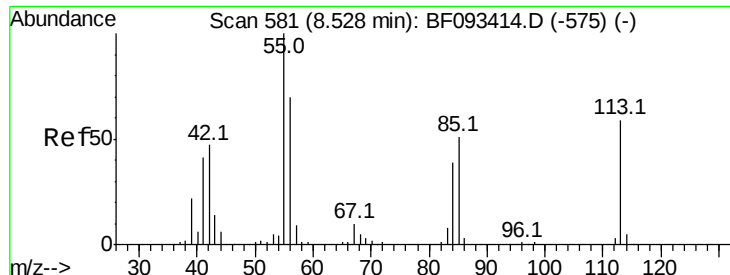
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#34
Hexachlorobutadiene
Concen: 32.93 ng
RT: 8.18 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.7	51.0	76.6		
227	62.7	50.6	76.0		





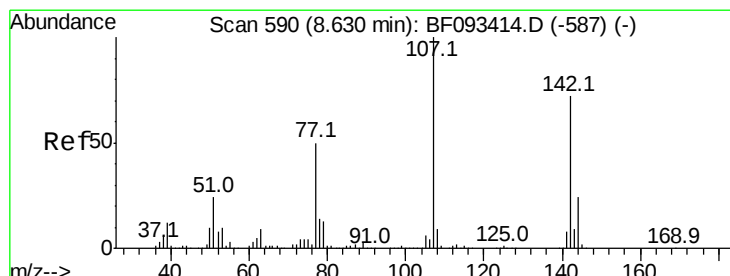
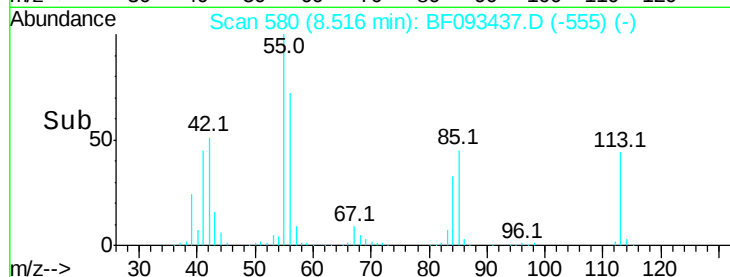
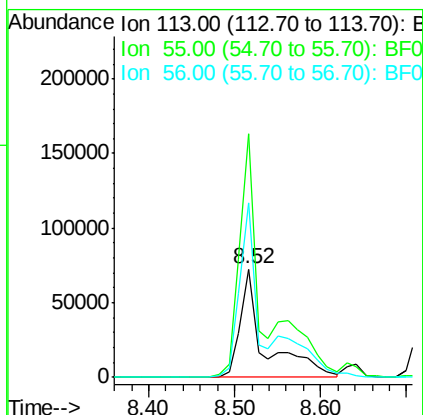
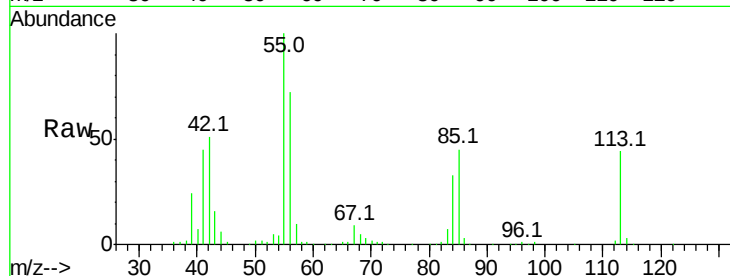
#35
Caprolactam
Concen: 36.39 ng/ml
RT: 8.52 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Instrument :
BNA_F
ClientSampleID :
PB97449BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	225.2	119.2	159.2#
56	161.4	83.8	123.8#

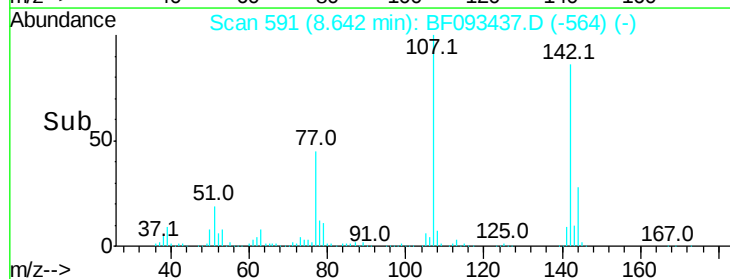
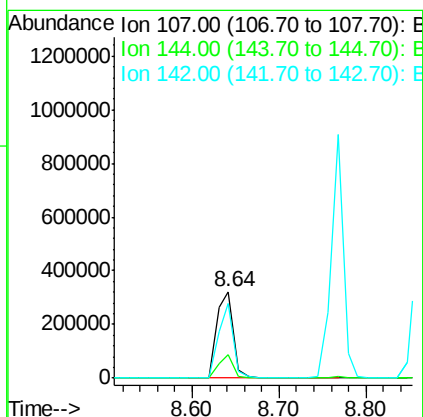
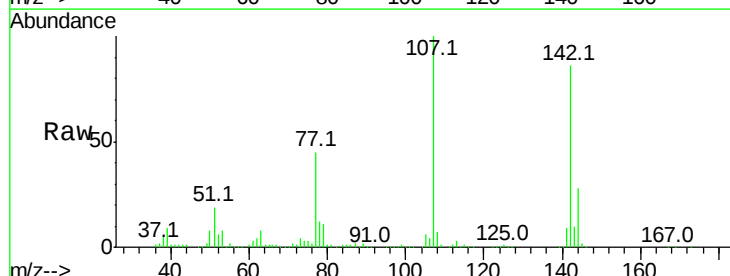
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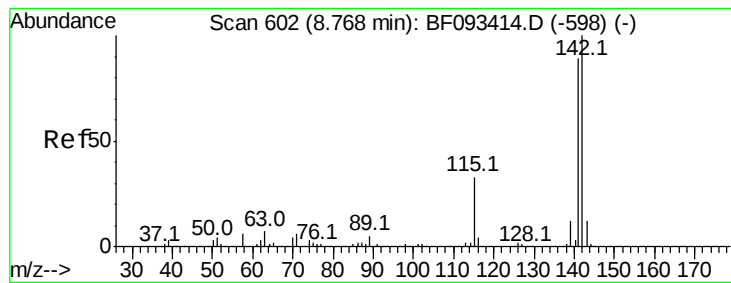
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#36
4-Chloro-3-methylphenol
Concen: 35.84 ng
RT: 8.64 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.6	19.3	28.9
142	86.2	59.0	88.6





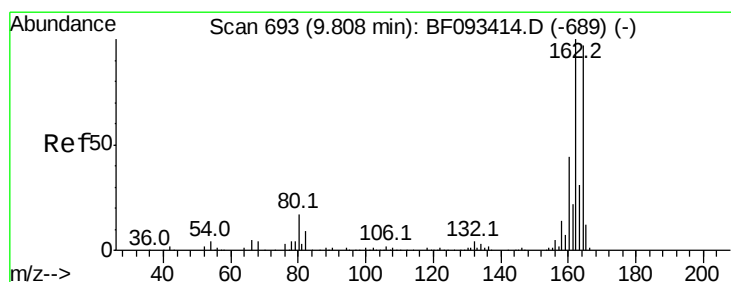
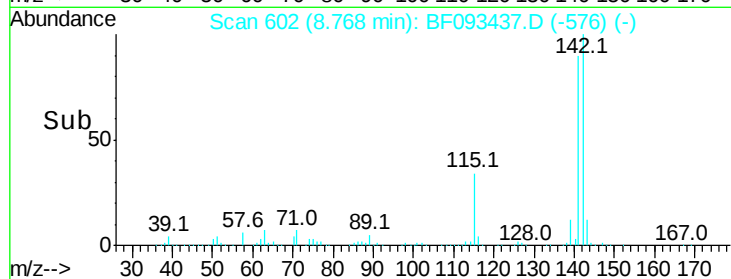
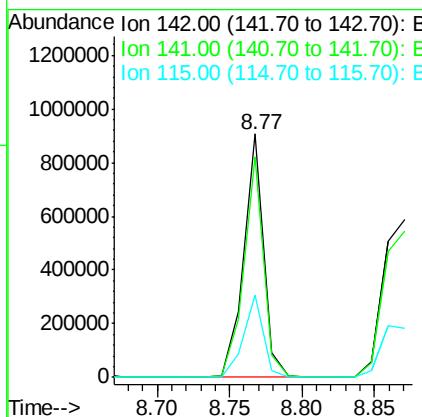
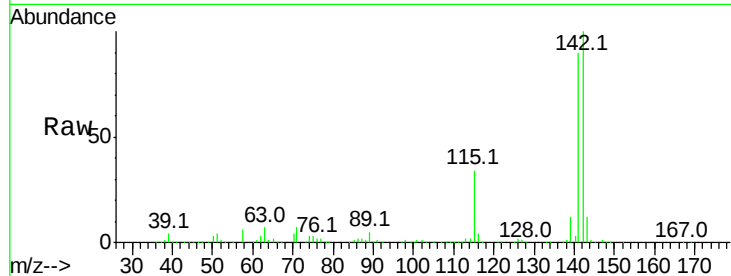
#37
 2-Methylnaphthalene
 Concen: 33.43 ng
 RT: 8.77 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF093437.D
 Acq: 8 Mar 2017 19:18

Instrument :
 BNA_F
 ClientSampleId :
 PB97449BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.0	106.6
115	33.9	28.3	42.5

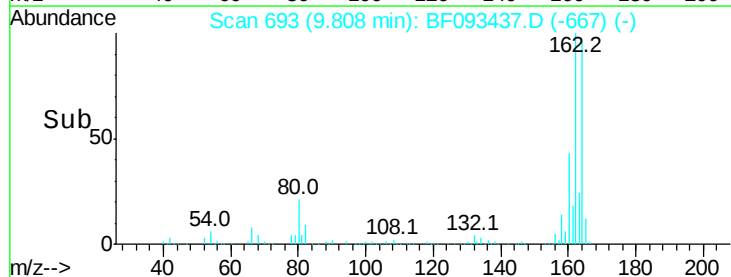
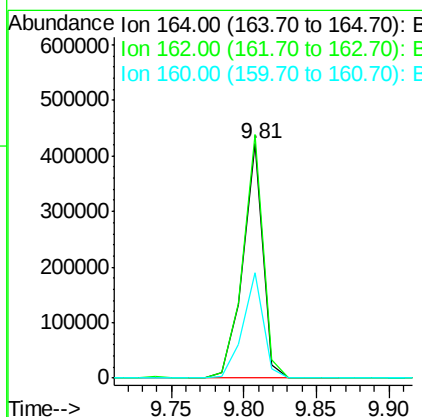
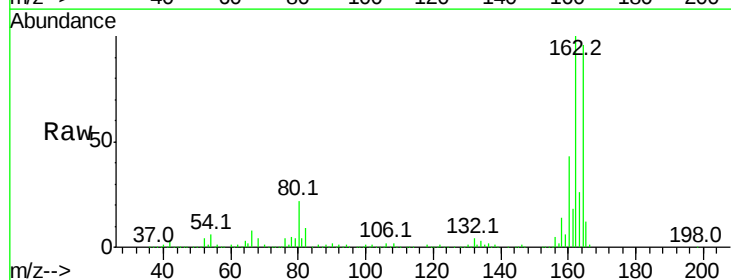
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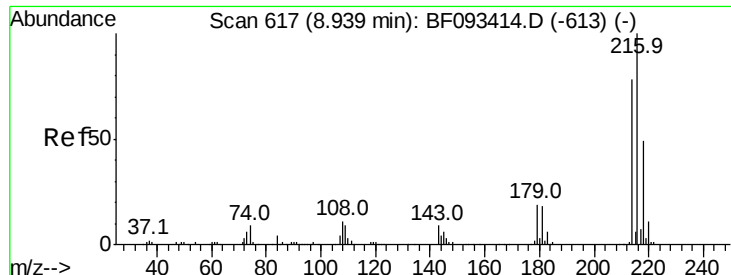
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF093437.D
 Acq: 8 Mar 2017 19:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	80.2	120.2
160	45.2	36.9	55.3





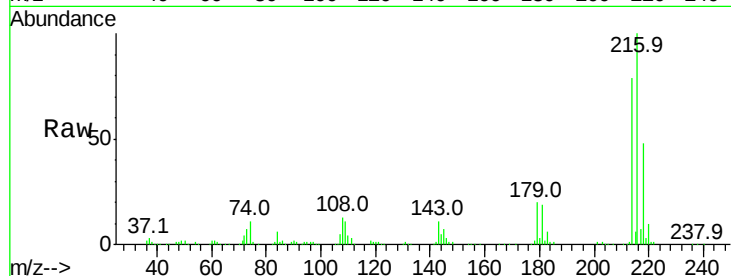
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.62 ng
 RT: 8.94 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF093437.D
 Acq: 8 Mar 2017 19:18

Instrument :
 BNA_F
 ClientSampleId :
 PB97449BS

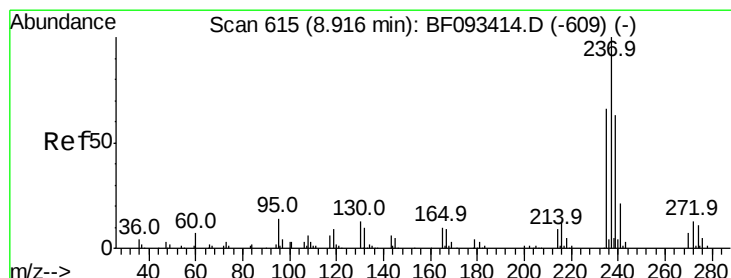
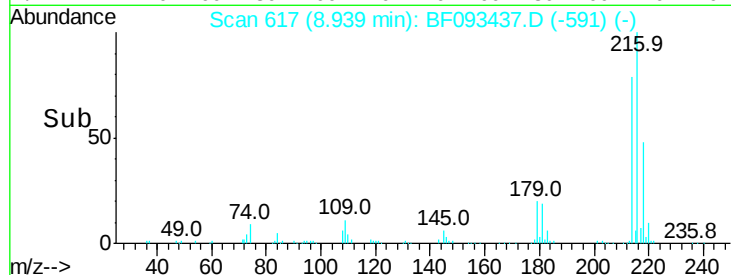
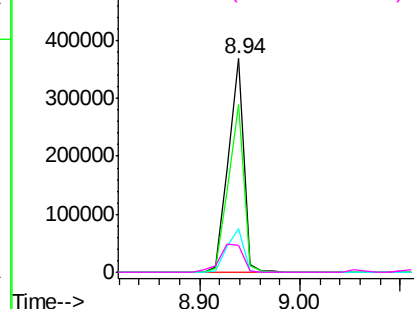
Tot Ion	Ratio	Resp	Lower	Upper
216	100	392305		
214	78.9	63.4	95.0	
179	21.7	17.4	26.2	
108	19.8	15.6	23.4	

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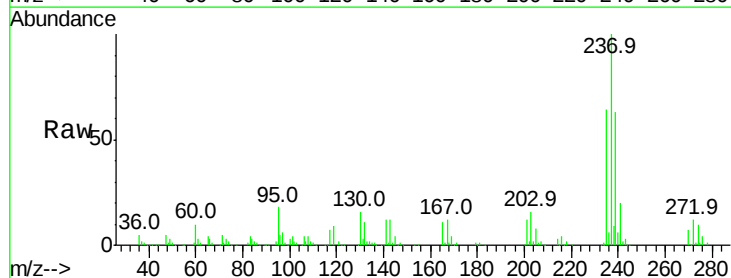


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

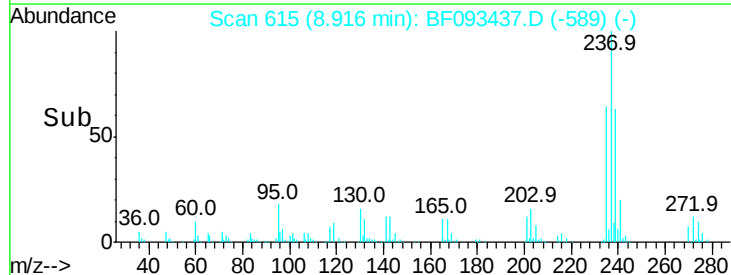
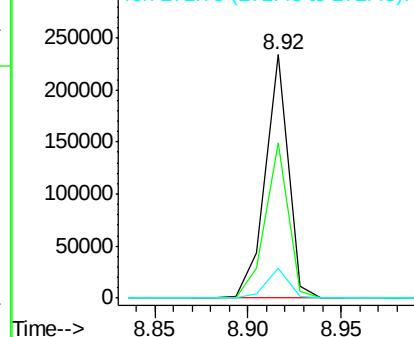


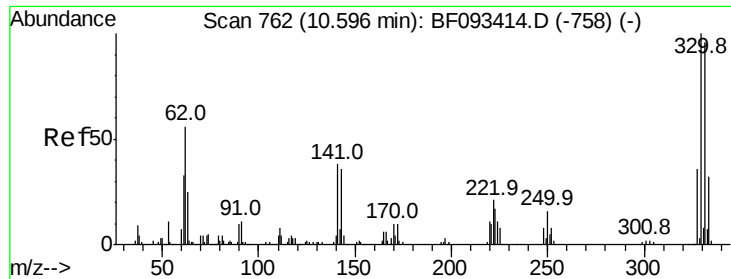
#40
 Hexachlorocyclopentadiene
 Concen: 72.77 ng
 RT: 8.92 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF093437.D
 Acq: 8 Mar 2017 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	198664		
235	63.6	41.2	81.2	
272	12.4	0.0	35.4	



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





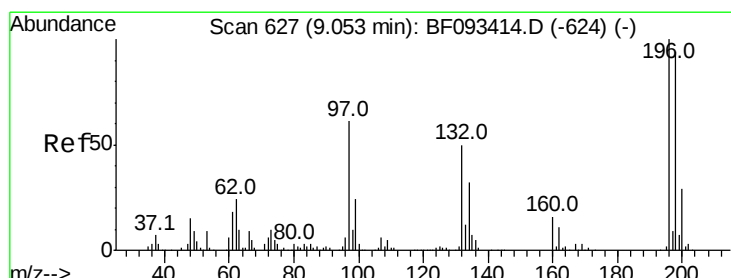
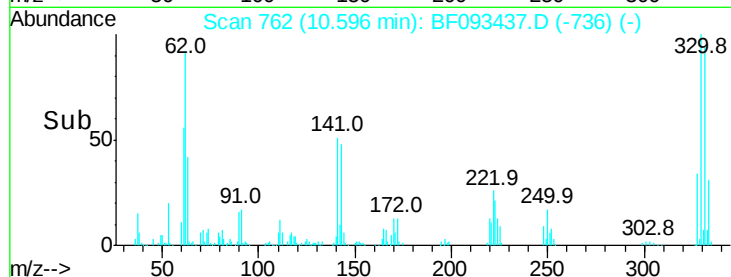
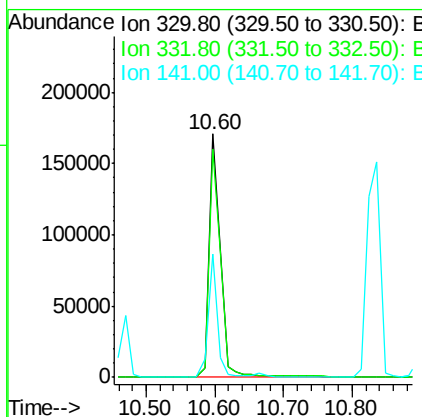
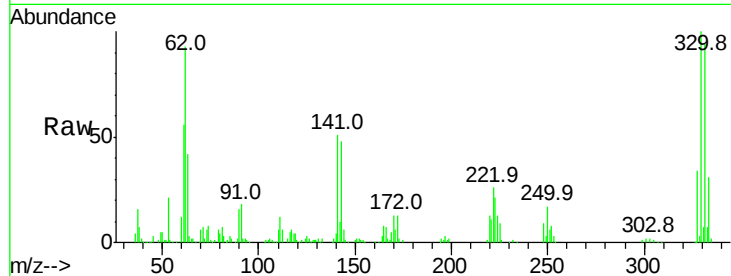
#41
 2,4,6-Tribromophenol
 Concen: 76.09 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF093437.D
 Acq: 8 Mar 2017 19:18

Instrument :
 BNA_F
 ClientSampled :
 PB97449BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	199954		
332	94.2		77.4	116.2
141	41.1		34.1	51.1

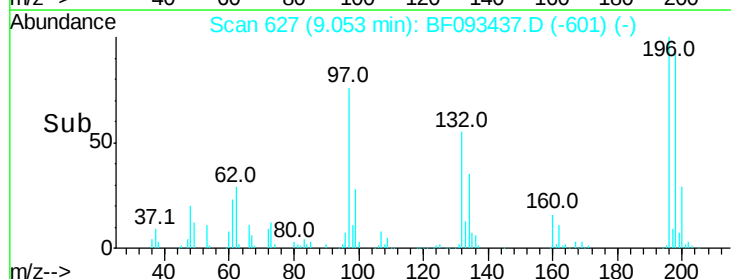
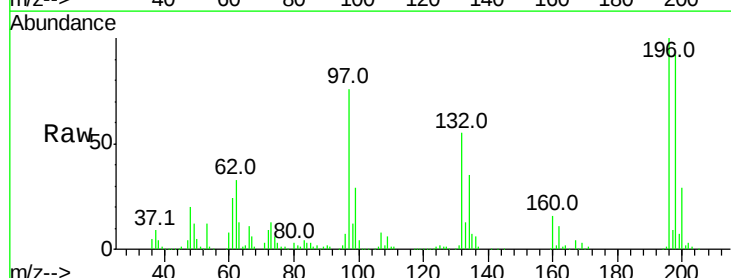
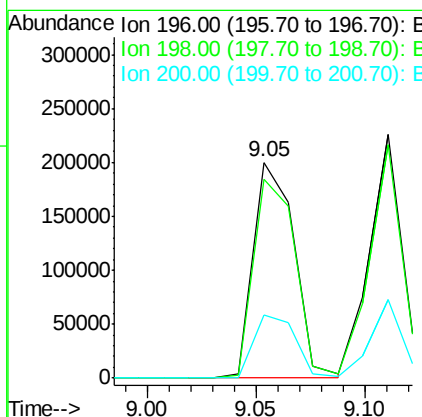
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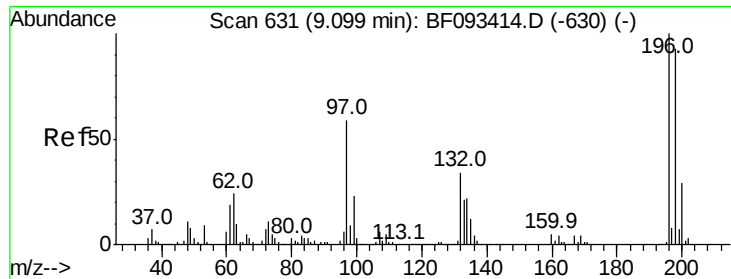
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#42
 2,4,6-Trichlorophenol
 Concen: 38.03 ng
 RT: 9.05 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF093437.D
 Acq: 8 Mar 2017 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	261704		
198	92.3		82.1	123.1
200	29.4		27.0	40.4





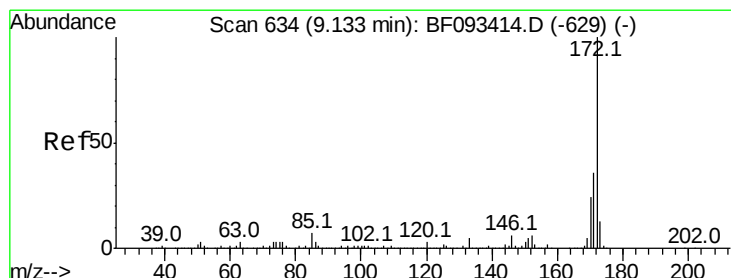
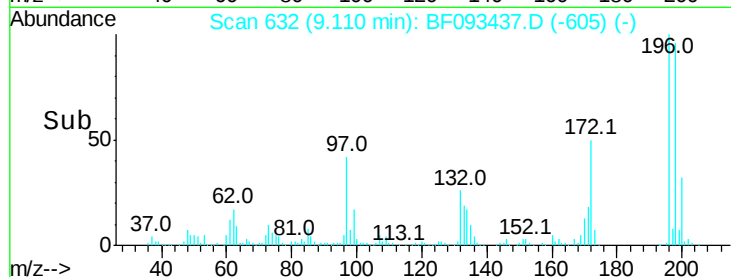
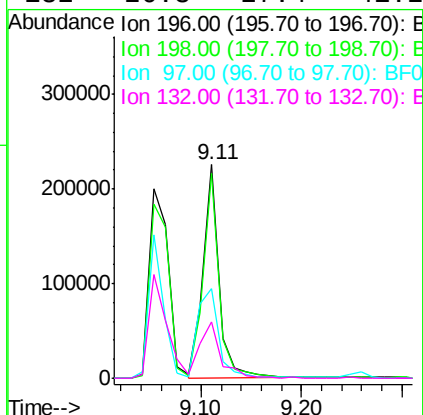
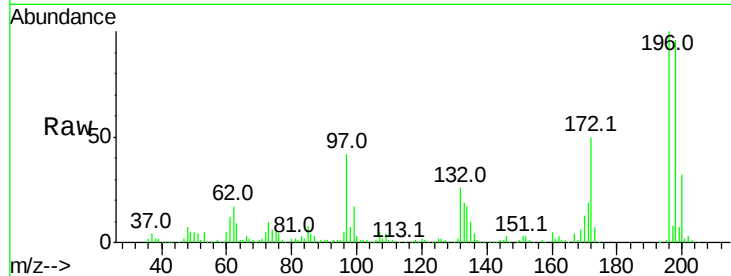
#43
 2,4,5-Trichlorophenol
 Concen: 34.29 ng
 RT: 9.11 min Scan# 632
 Delta R.T. 0.01 min
 Lab File: BF093437.D
 Acq: 8 Mar 2017 19:18

Instrument :
 BNA_F
 ClientSampleId :
 PB97449BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	253151		
198	95.9	79.4	119.2	
97	41.9	51.5	77.3	
132	26.3	27.4	41.2	

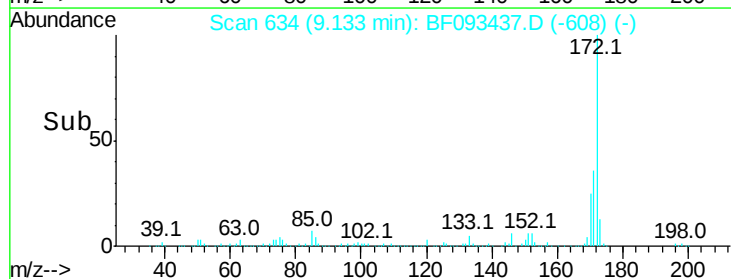
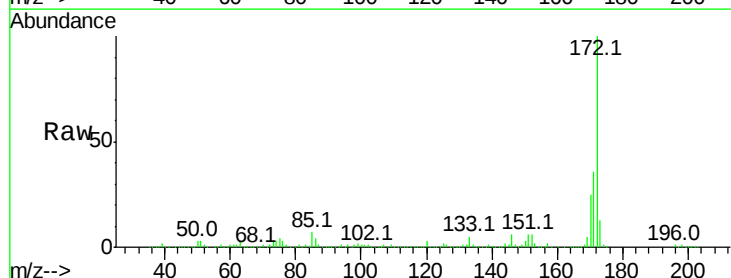
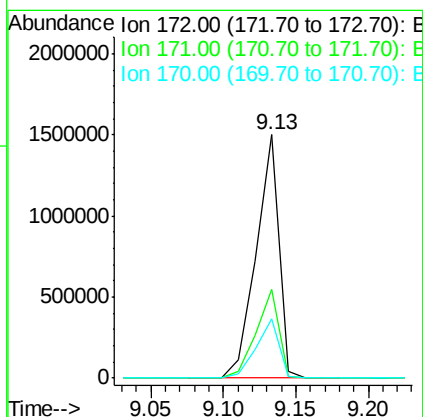
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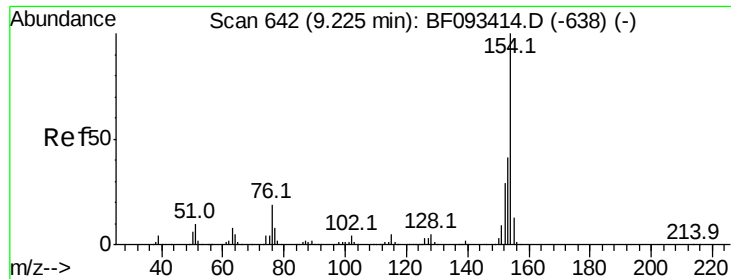
mohammad
 3/10/2017 8:11:47 AM



#44
 2-Fluorobiphenyl
 Concen: 75.45 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF093437.D
 Acq: 8 Mar 2017 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1636116		
171	36.4	29.4	44.0	
170	24.6	20.2	30.4	





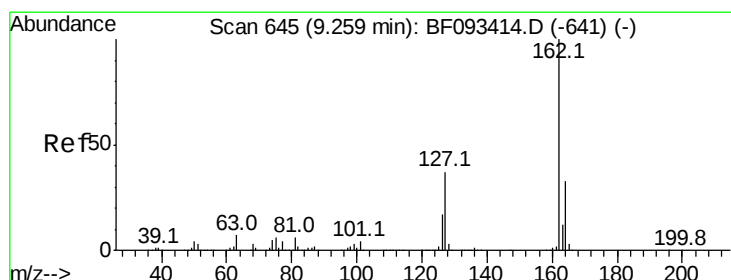
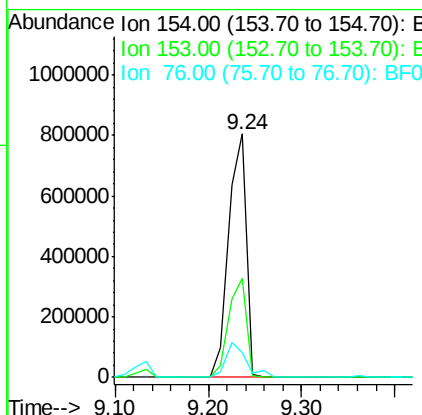
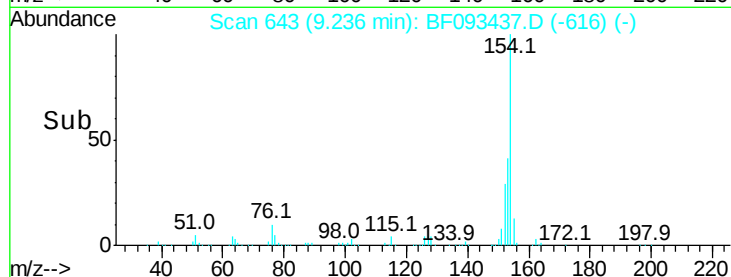
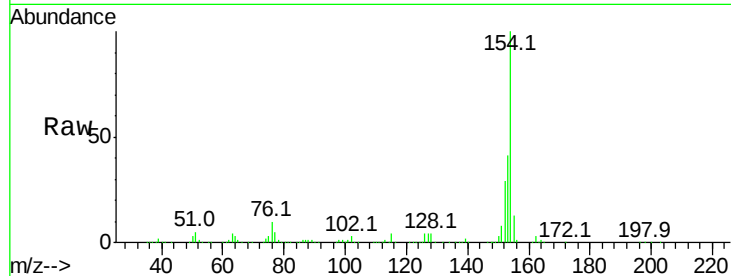
#45
1,1'-Biphenyl
Concen: 36.31 ng
RT: 9.24 min Scan# 643
Delta R.T. 0.01 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Instrument :
BNA_F
ClientSampled :
PB97449BS

Tot Ion:154 Resp: 1066884
Ion Ratio Lower Upper
154 100
153 40.6 20.9 60.9
76 10.1 0.0 30.5

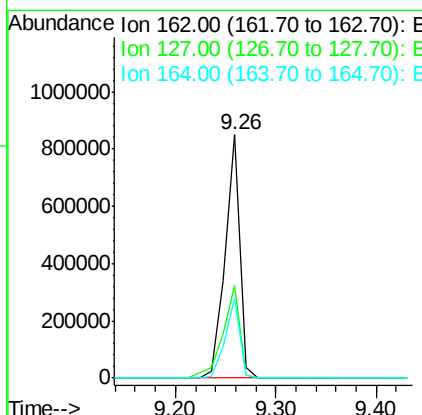
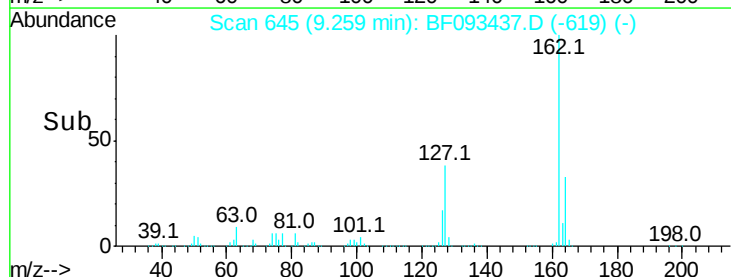
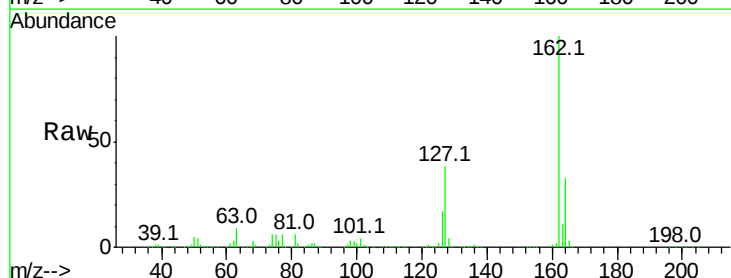
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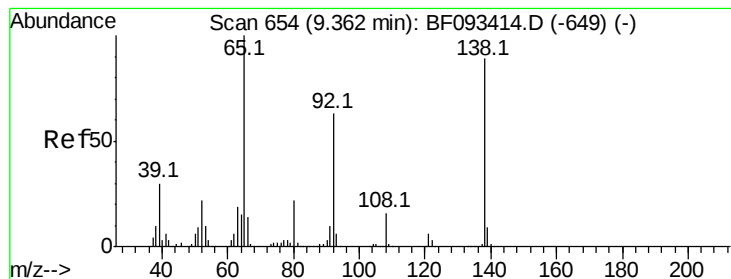
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#46
2-Chloronaphthalene
Concen: 38.26 ng
RT: 9.26 min Scan# 645
Delta R.T. -0.00 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Tgt Ion:162 Resp: 860520
Ion Ratio Lower Upper
162 100
127 38.1 30.7 46.1
164 32.9 27.6 41.4





#47

2-Nitroaniline

Concen: 36.75 ng

RT: 9.36 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

Instrument :

BNA_F

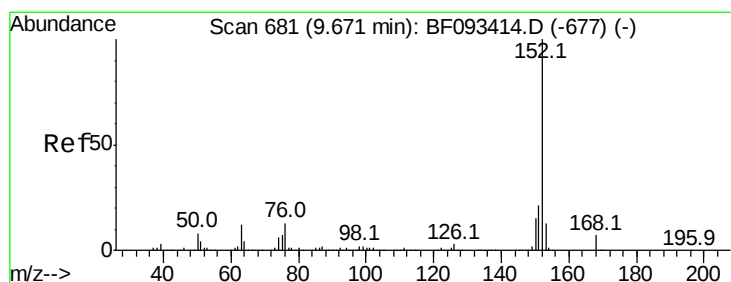
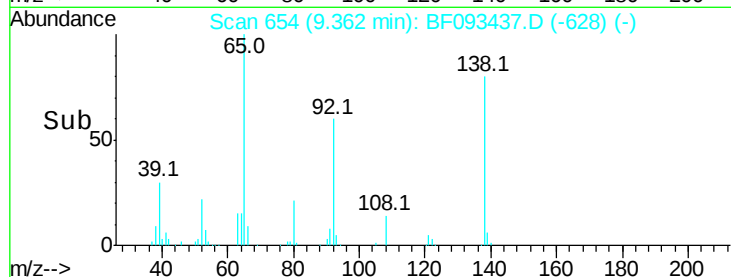
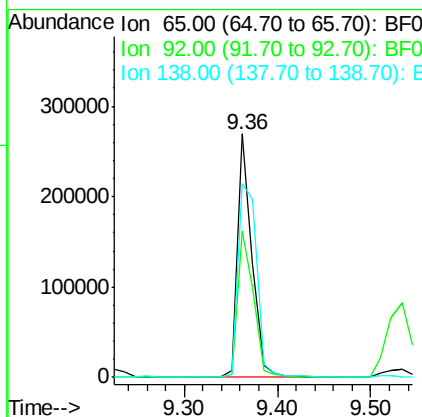
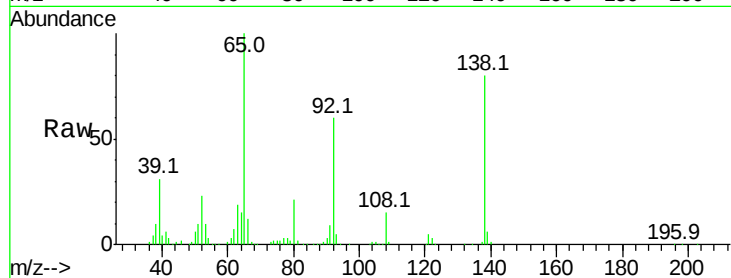
ClientSampleId :

PB97449BS

Tot Ion:	65	Resp:	292188
Ion Ratio	Lower	Upper	
65	100		
92	59.9	53.9	80.9
138	79.7	76.8	115.2

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#48

Acenaphthylene

Concen: 34.50 ng

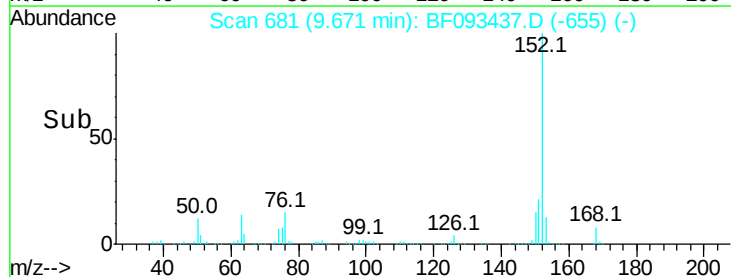
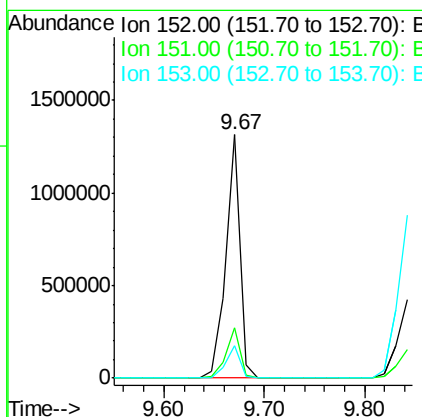
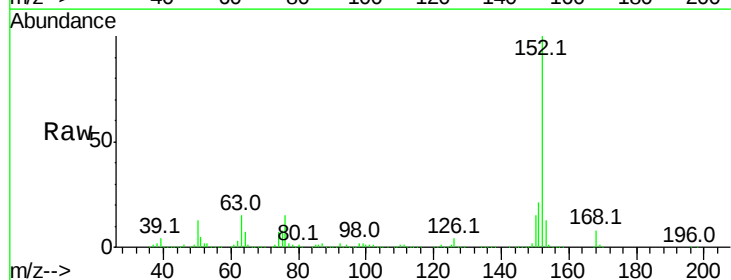
RT: 9.67 min Scan# 681

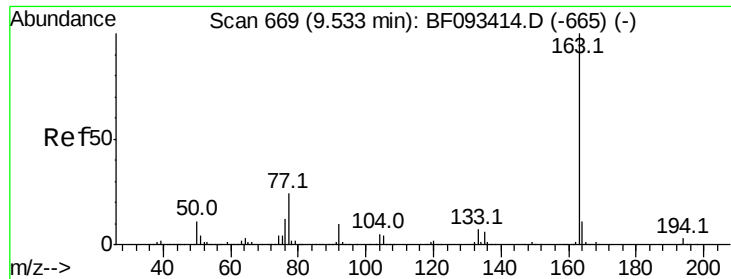
Delta R.T. -0.00 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

Tgt Ion:	152	Resp:	1279689
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.9	25.3
153	13.4	11.4	17.2





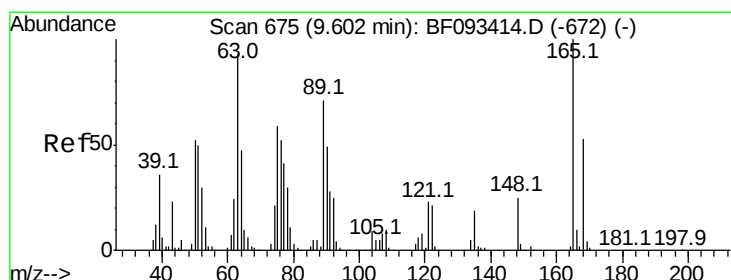
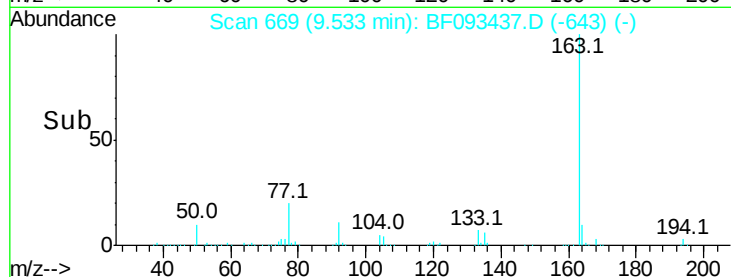
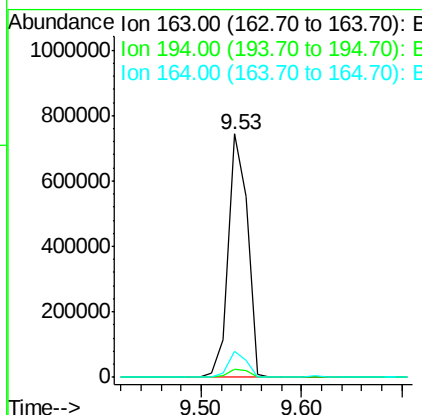
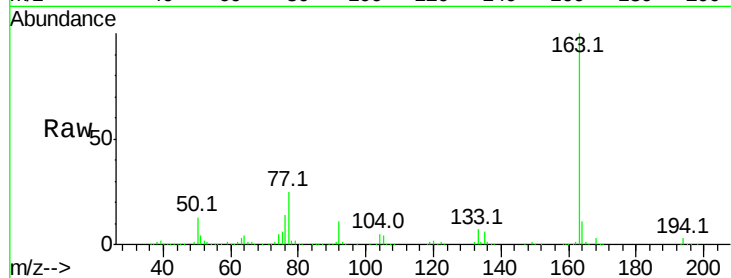
#49
Dimethylphthalate
Concen: 36.81 ng
RT: 9.53 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Instrument :
BNA_F
ClientSampleId :
PB97449BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	984176		
194	3.2		3.0	4.4
164	10.6		8.0	12.0

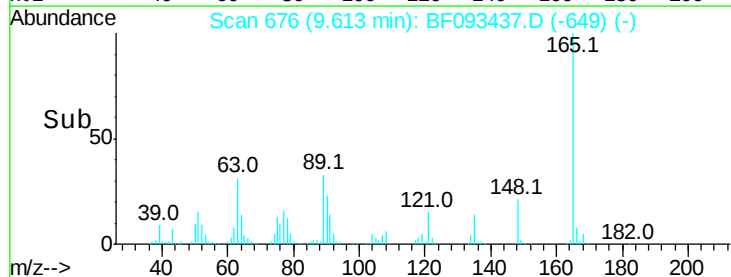
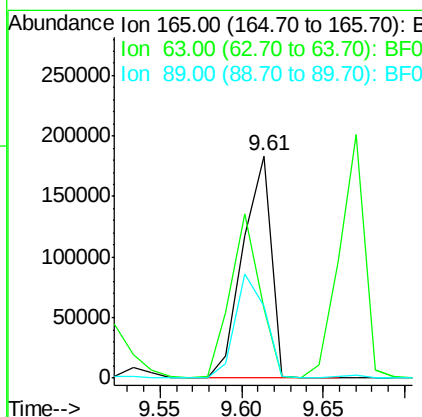
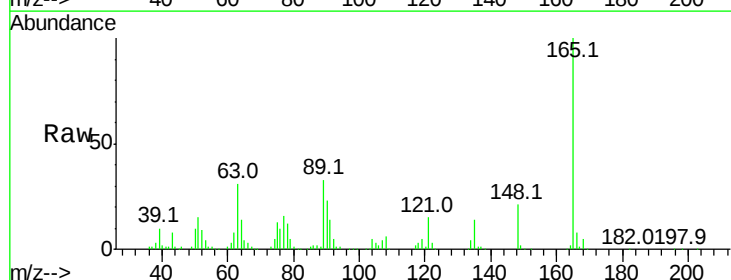
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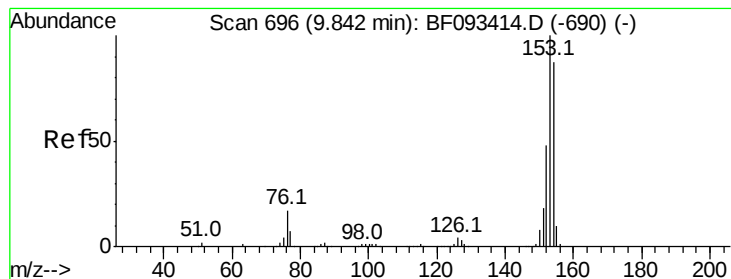
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#50
2,6-Dinitrotoluene
Concen: 37.61 ng
RT: 9.61 min Scan# 676
Delta R.T. 0.01 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	220669		
63	31.4		36.2	54.4#
89	32.6		40.2	60.4#





#51

Acenaphthene

Concen: 35.75 ng

RT: 9.84 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

Instrument :

BNA_F

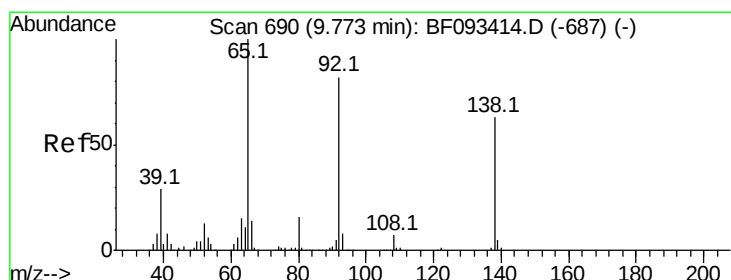
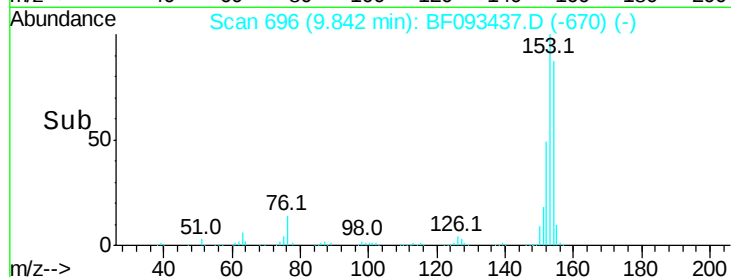
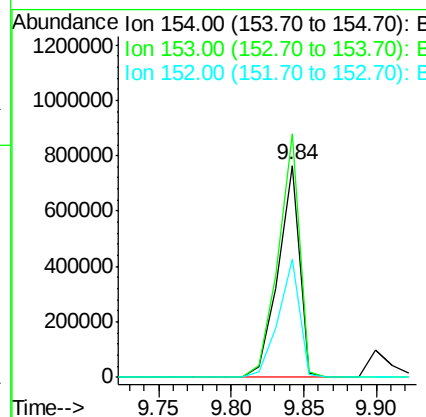
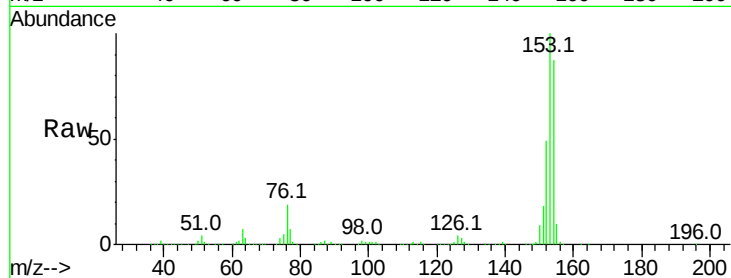
ClientSampleId :

PB97449BS

Tot Ion:	154	Resp:	784148
Ion Ratio	Lower	Upper	
154	100		
153	114.9	88.6	133.0
152	55.7	41.6	62.4

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#52

3-Nitroaniline

Concen: 21.79 ng

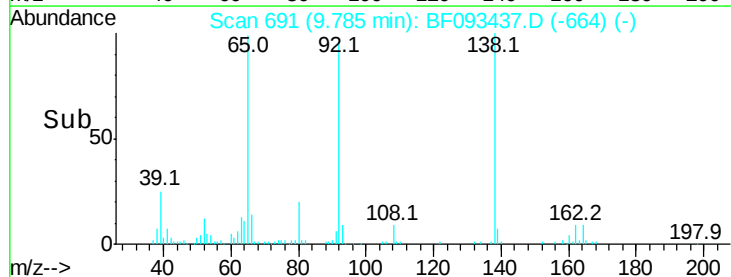
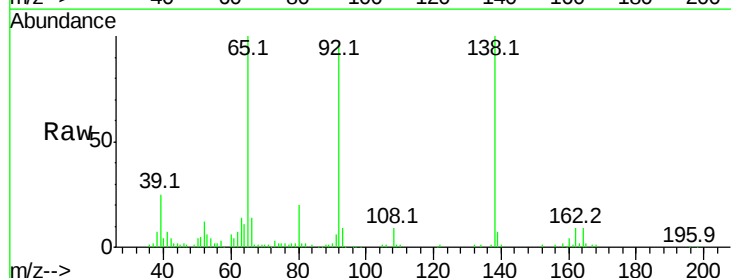
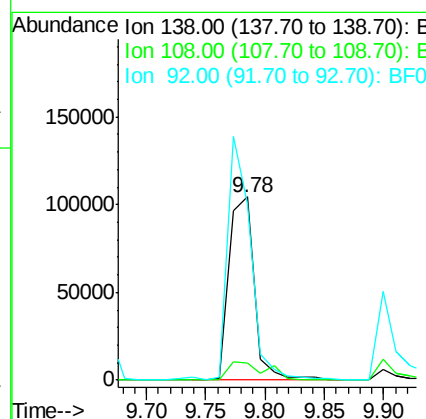
RT: 9.78 min Scan# 691

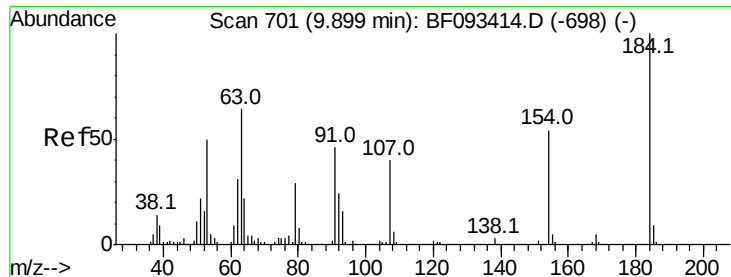
Delta R.T. 0.01 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

Tgt Ion:	138	Resp:	153616
Ion Ratio	Lower	Upper	
138	100		
108	9.0	8.5	12.7
92	96.3	97.8	146.8#





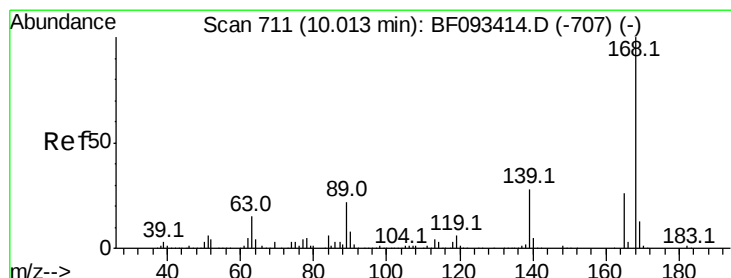
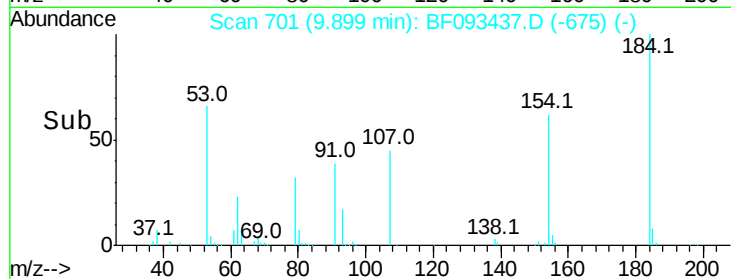
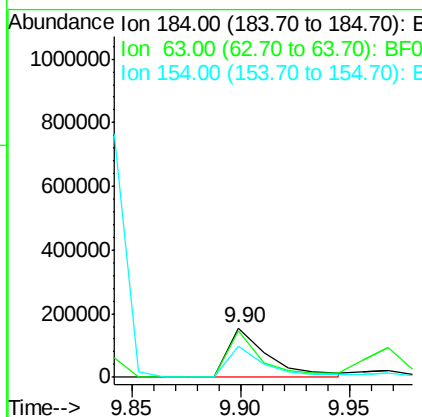
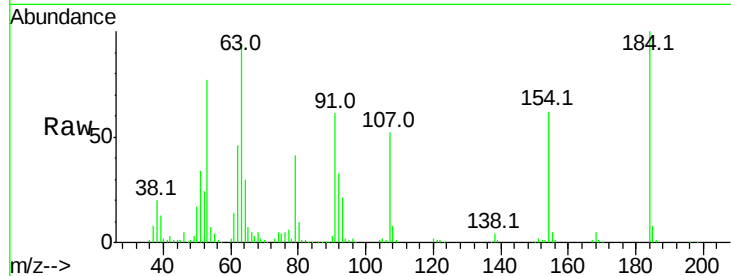
#53
2,4-Dinitrophenol
Concen: 75.87 ng
RT: 9.90 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Instrument :
BNA_F
ClientSampled :
PB97449BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	94.1	28.4	42.6	
154	62.5	44.3	66.5	

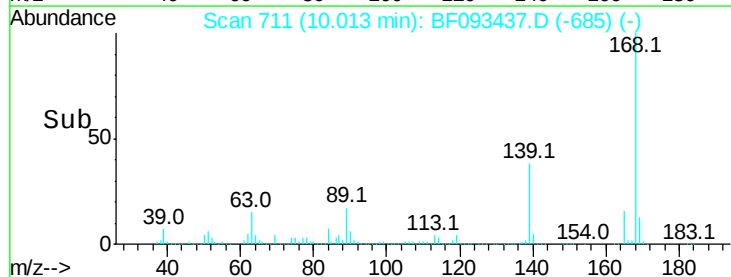
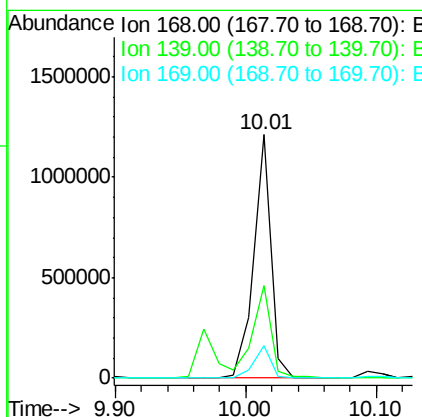
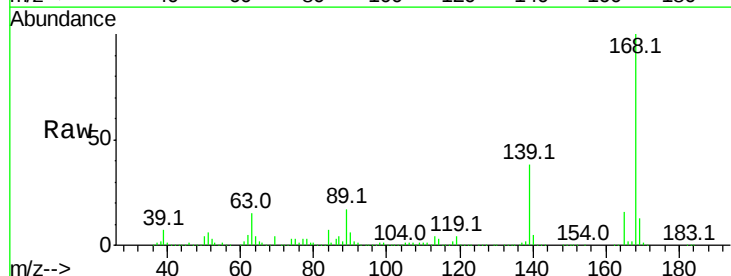
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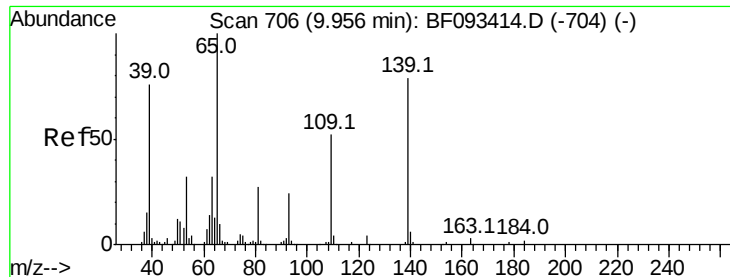
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#54
Dibenzofuran
Concen: 40.68 ng
RT: 10.01 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	37.9	32.6	49.0	
169	13.4	11.3	16.9	





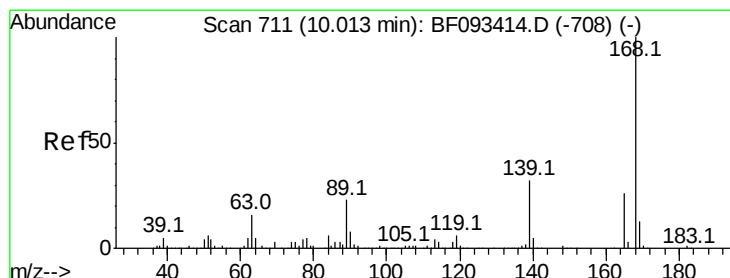
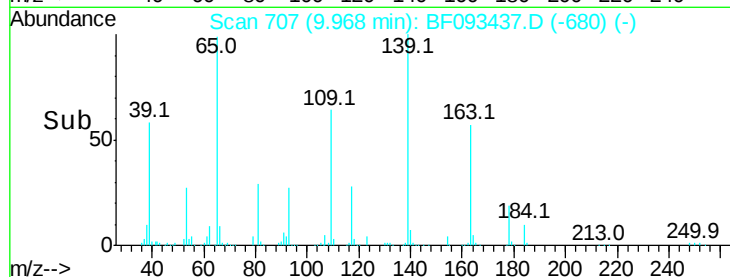
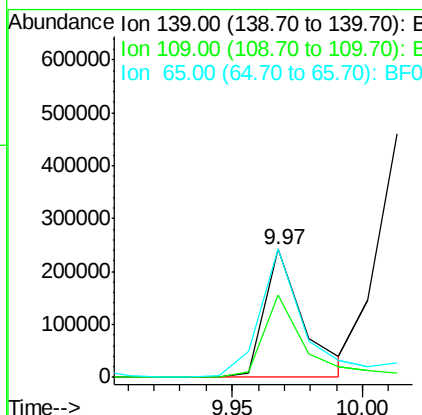
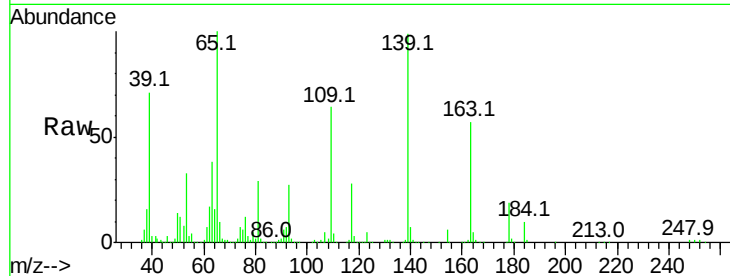
#55
4-Nitrophenol
Concen: 73.02 ng
RT: 9.97 min Scan# 707
Delta R.T. 0.01 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Instrument :
BNA_F
ClientSampleId :
PB97449BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	64.1	52.2	92.2	
65	100.5	85.8	125.8	

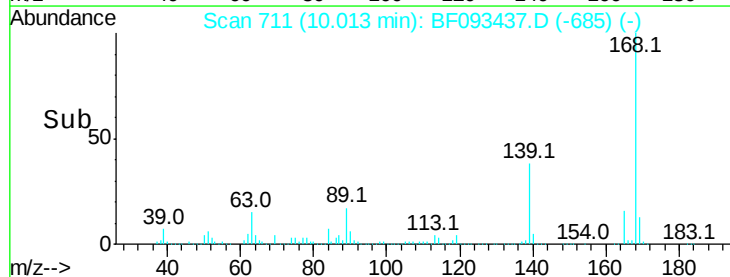
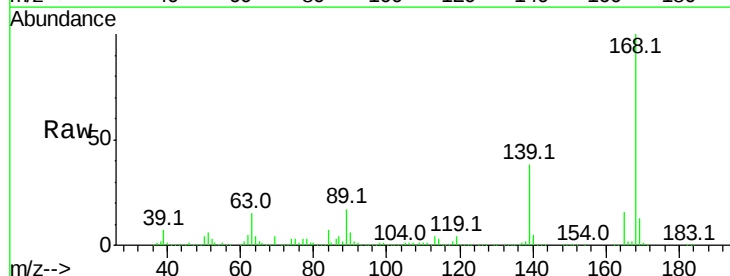
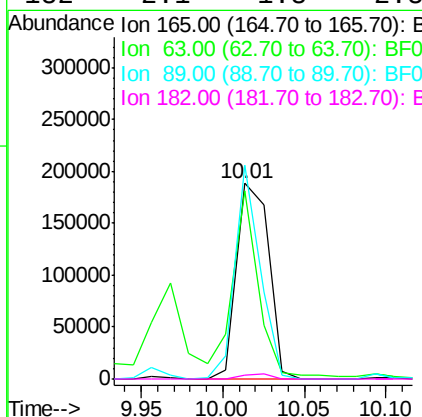
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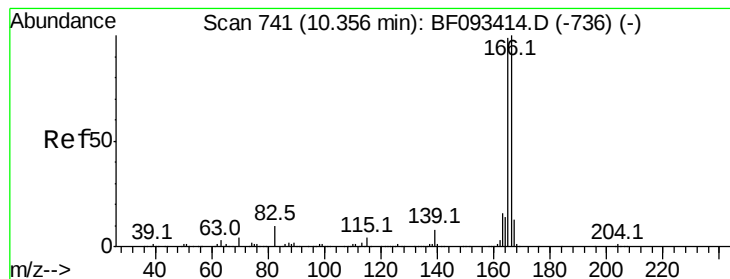
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#56
2,4-Dinitrotoluene
Concen: 35.53 ng
RT: 10.01 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	96.2	40.2	60.4#	
89	109.2	62.5	93.7#	
182	2.1	1.8	2.8	





#57

Fluorene

Concen: 38.76 ng

RT: 10.36 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

Instrument :

BNA_F

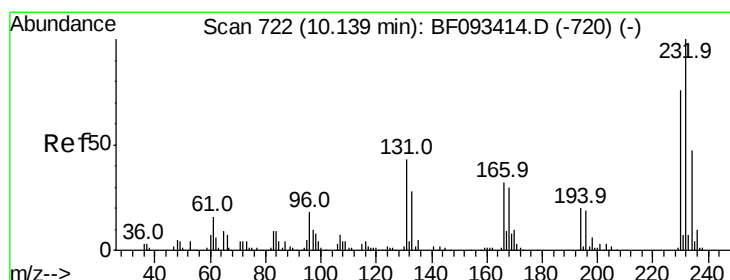
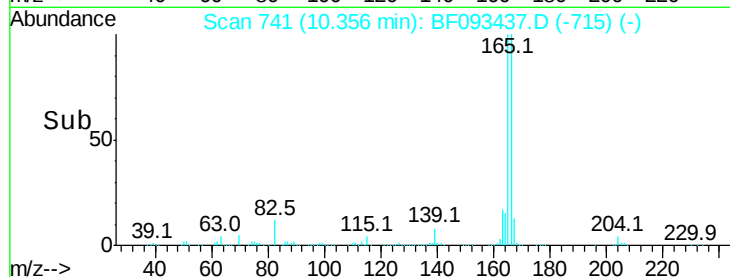
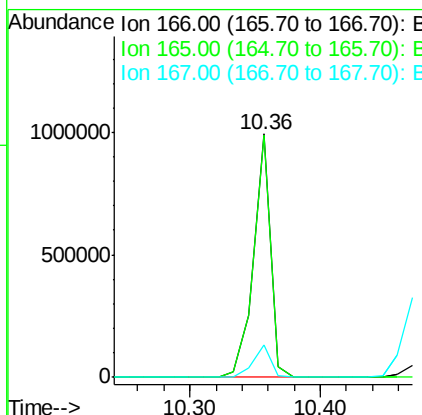
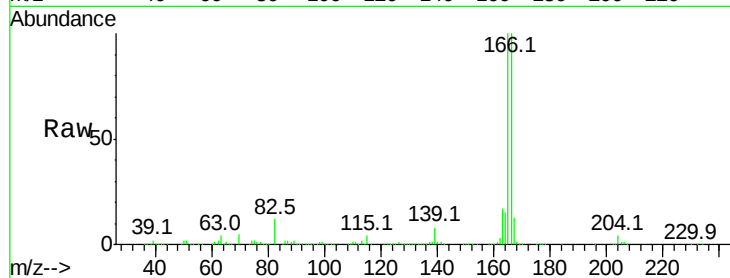
ClientSampleId :

PB97449BS

Tot Ion:	166	Resp:	901692
Ion Ratio	Lower	Upper	
166	100		
165	99.6	77.8	116.8
167	13.3	10.8	16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 38.87 ng

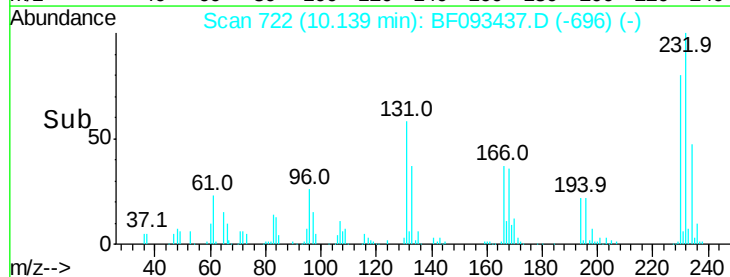
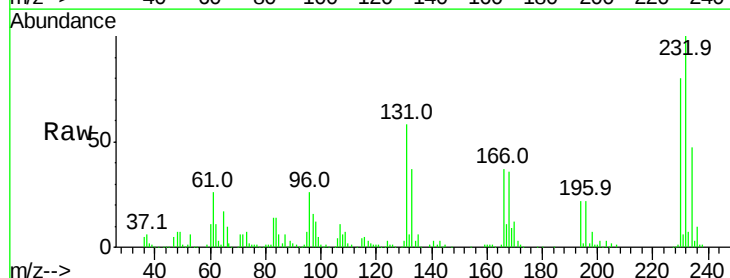
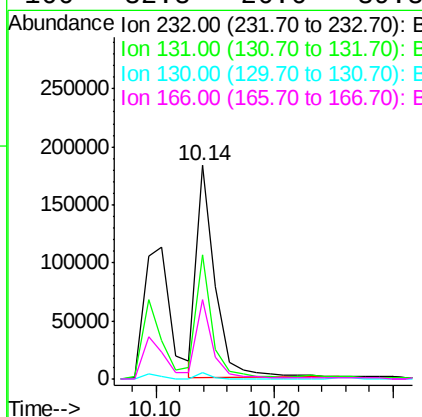
RT: 10.14 min Scan# 722

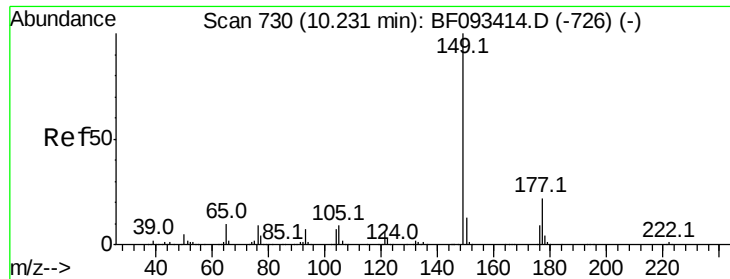
Delta R.T. -0.00 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

Tgt Ion:	232	Resp:	202530
Ion Ratio	Lower	Upper	
232	100		
131	52.6	40.1	60.1
130	2.4	1.8	2.8
166	32.8	26.6	39.8





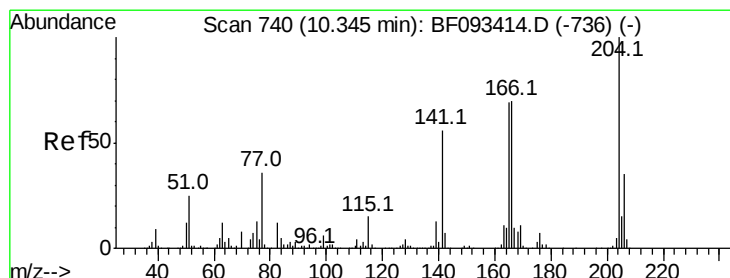
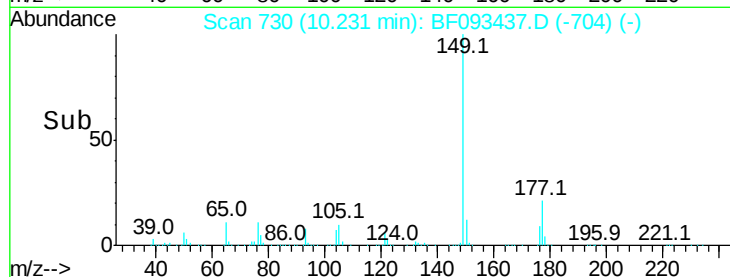
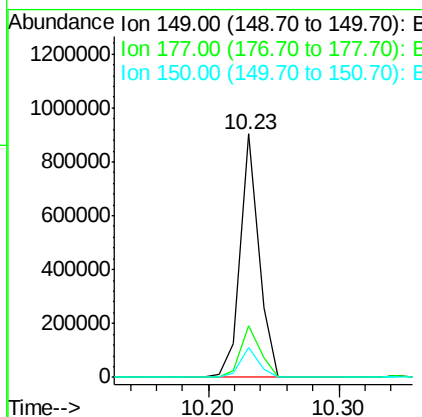
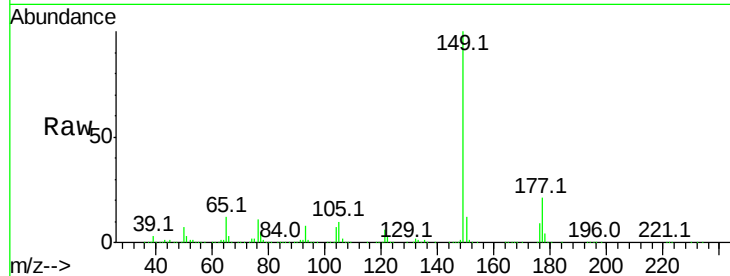
#59
Diethylphthalate
Concen: 35.01 ng
RT: 10.23 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Instrument :
BNA_F
ClientSampleId :
PB97449BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.6	25.0
150	12.4	10.4	15.6

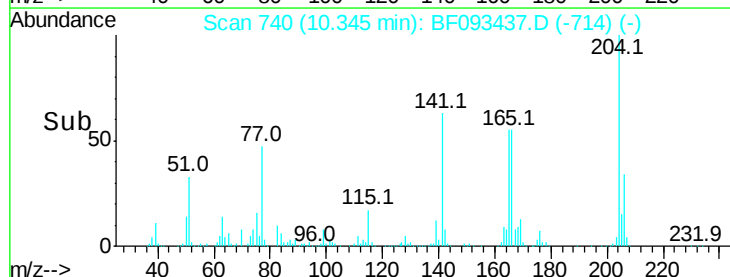
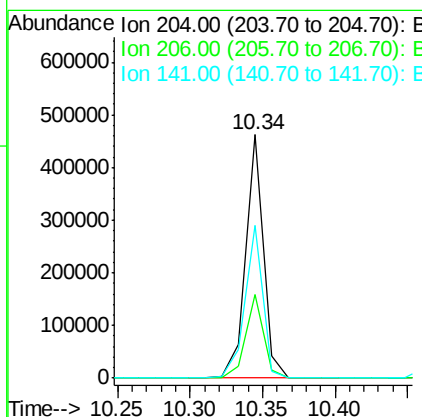
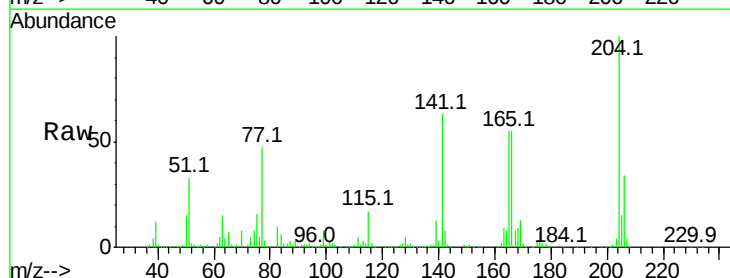
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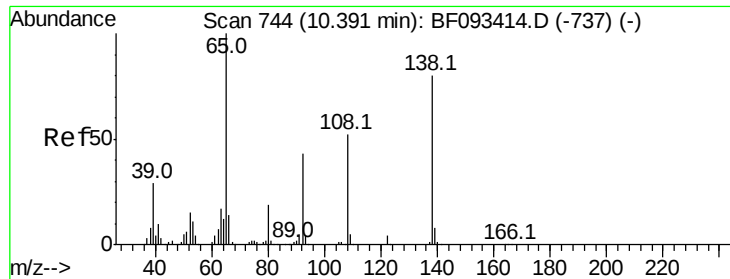
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 37.69 ng
RT: 10.34 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.2	25.8	38.6
141	62.9	59.4	89.0





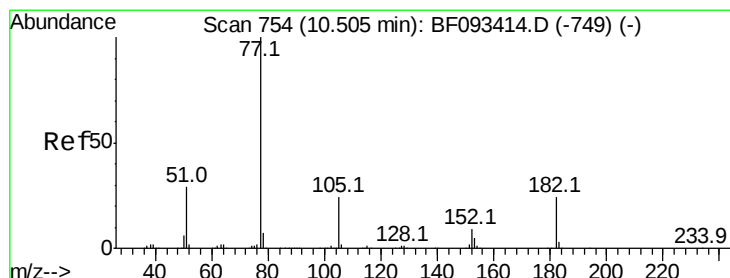
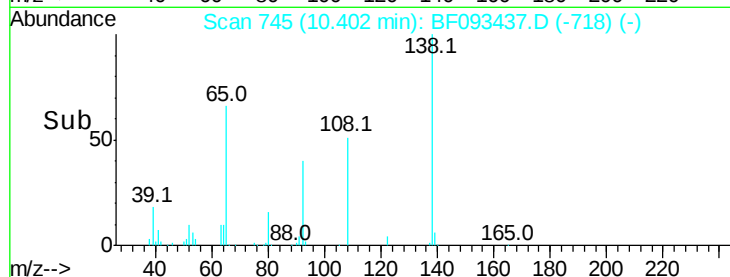
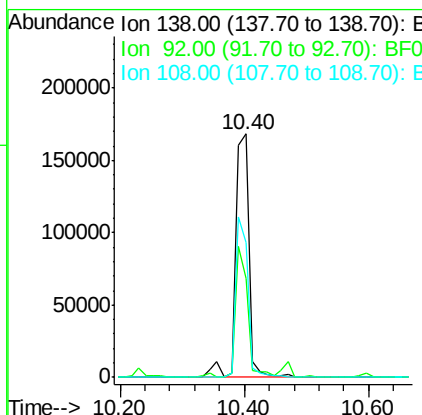
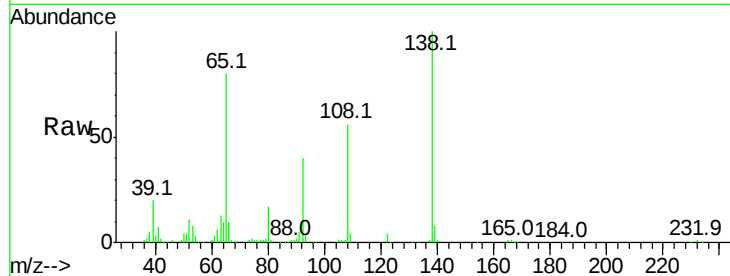
#61
4-Nitroaniline
Concen: 35.51 ng
RT: 10.40 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Instrument :
BNA_F
ClientSampleId :
PB97449BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	40.4	31.7	71.7
108	55.5	52.6	92.6

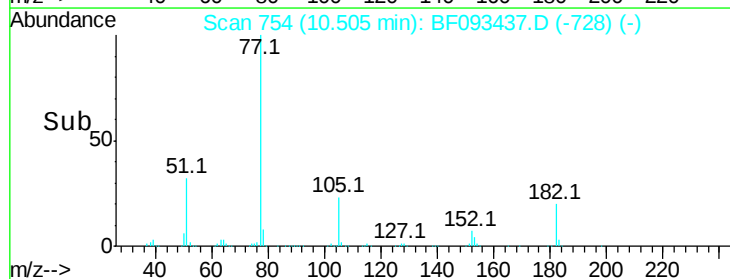
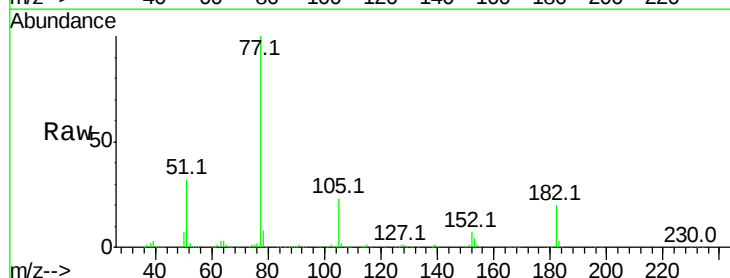
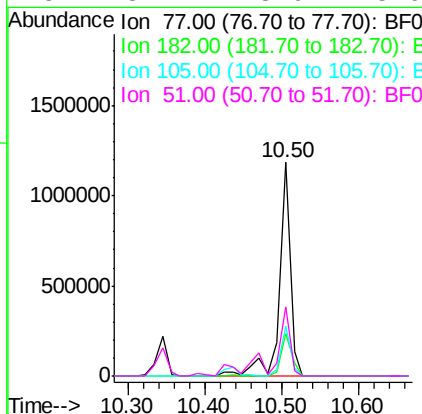
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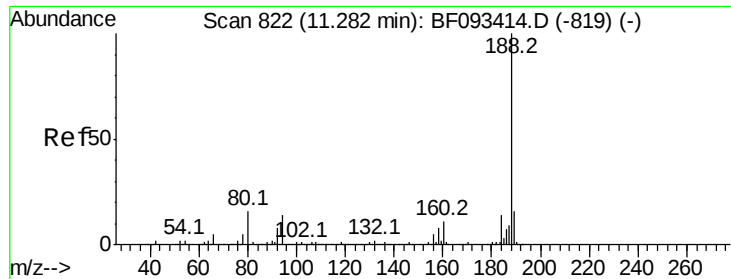
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#62
Azobenzene
Concen: 40.51 ng
RT: 10.50 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.1	0.0	39.3
105	23.3	2.3	42.3
51	32.2	8.9	48.9





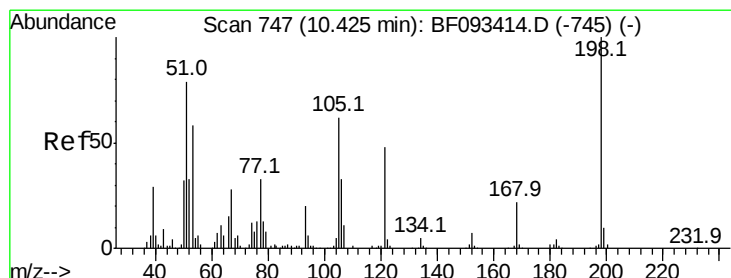
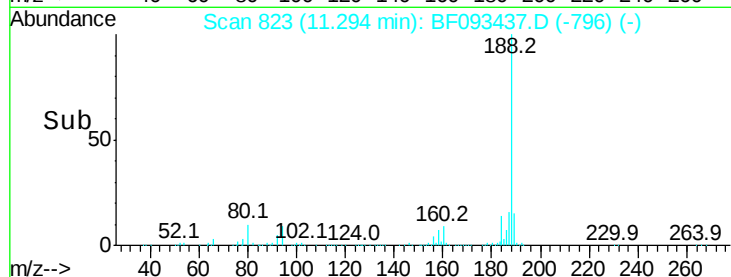
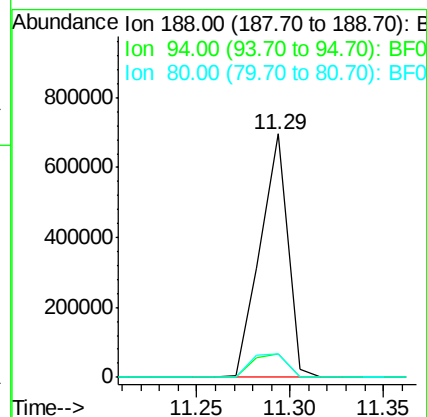
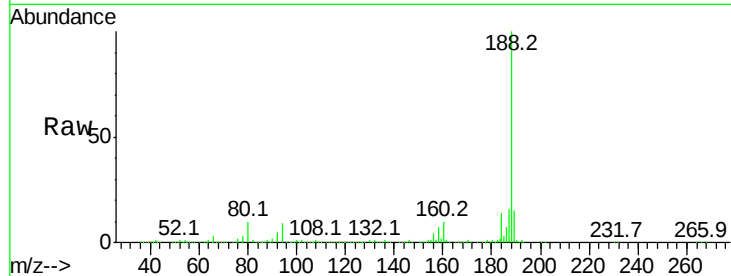
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 823
Delta R.T. 0.01 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Instrument :
BNA_F
ClientSampleId :
PB97449BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	714495		
94	9.4	10.0	15.0#	
80	9.6	11.2	16.8#	

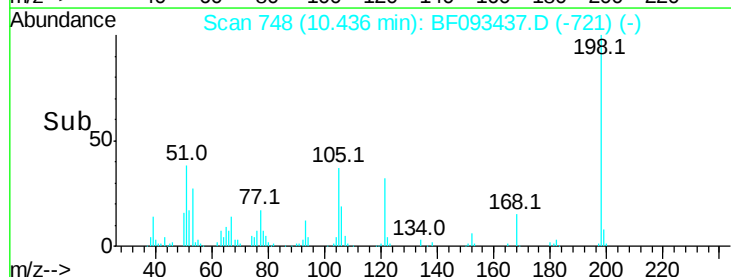
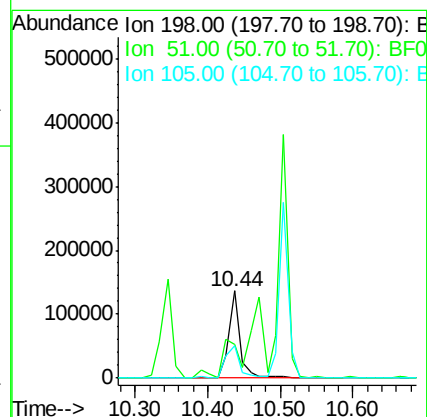
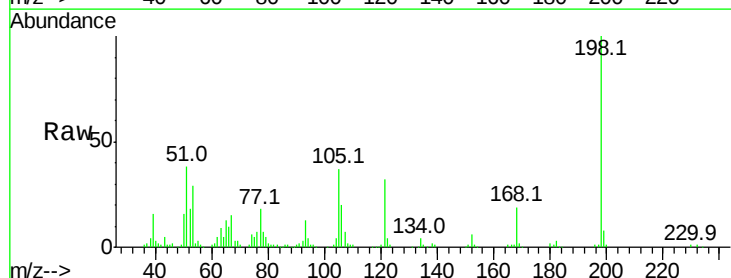
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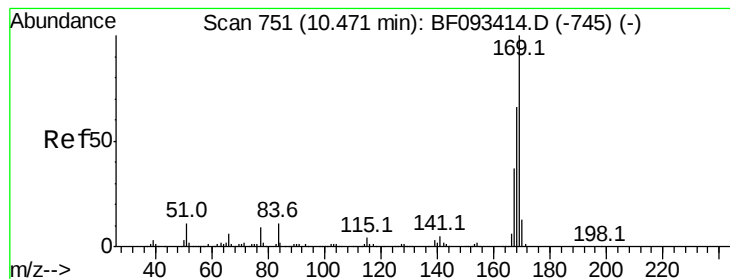
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#64
4,6-Dinitro-2-methylphenol
Concen: 32.83 ng
RT: 10.44 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	151963		
51	38.5	6.7	46.7	
105	36.7	16.6	56.6	





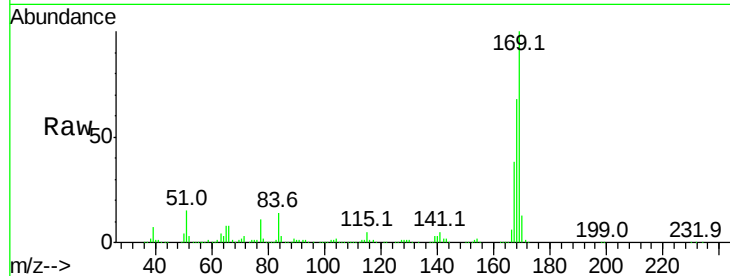
#65
n-Nitrosodiphenylamine
Concen: 33.54 ng
RT: 10.47 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Instrument :
BNA_F
ClientSampleId :
PB97449BS

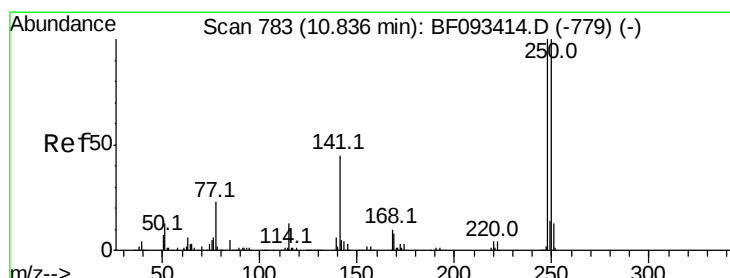
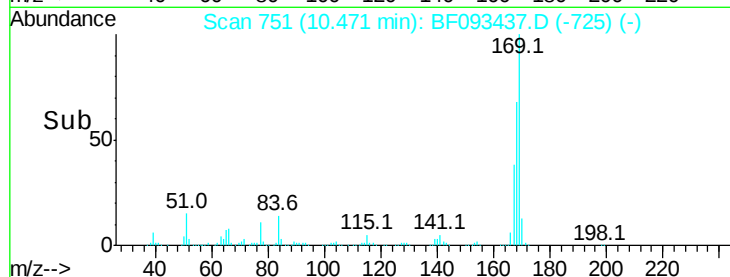
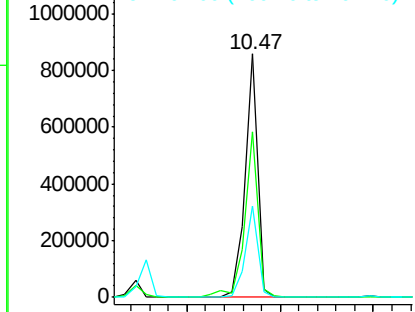
Tot Ion	Ratio	Resp	Lower	Upper
169	100	800215		
168	68.1		54.2	81.2
167	37.7		30.2	45.4

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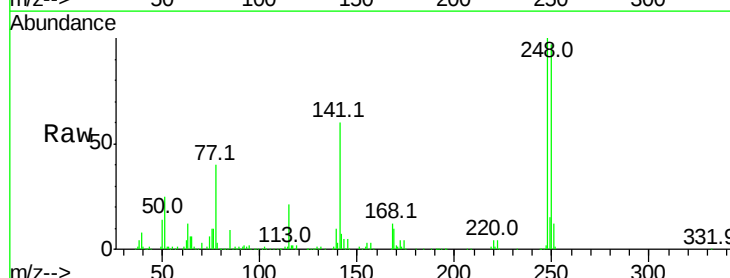


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

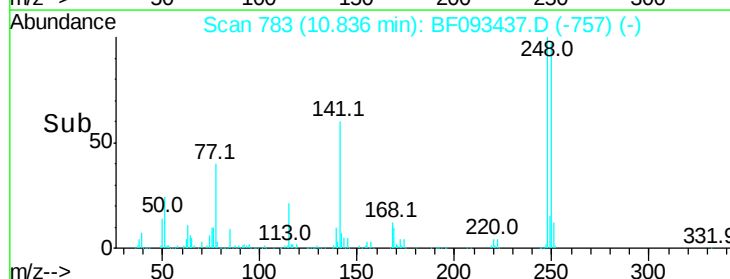
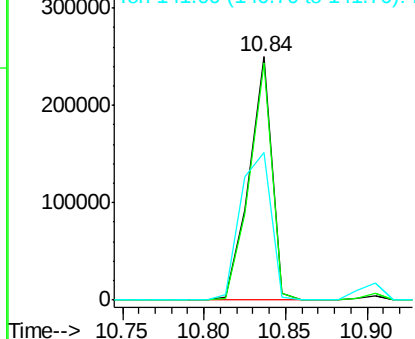


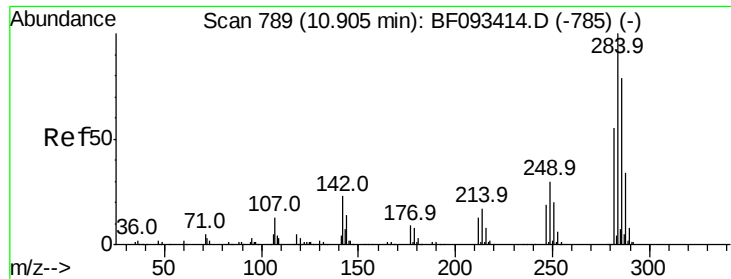
#66
4-Bromophenyl-phenylether
Concen: 32.08 ng
RT: 10.84 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	242411		
250	97.3		76.9	115.3
141	60.4		68.2	102.4#



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





#67

Hexachlorobenzene

Concen: 33.37 ng

RT: 10.90 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

Instrument :

BNA_F

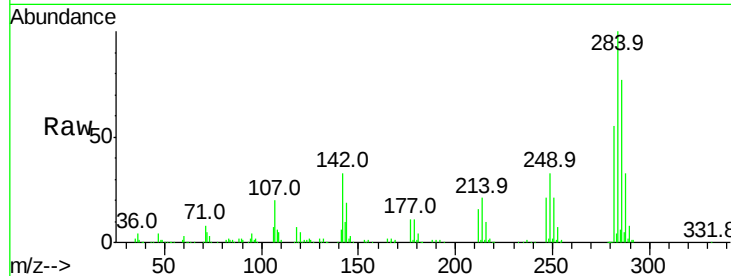
ClientSampleId :

PB97449BS

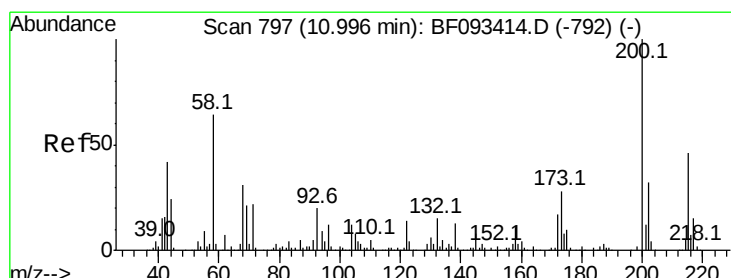
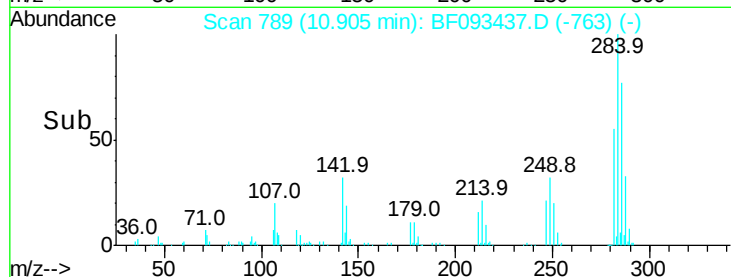
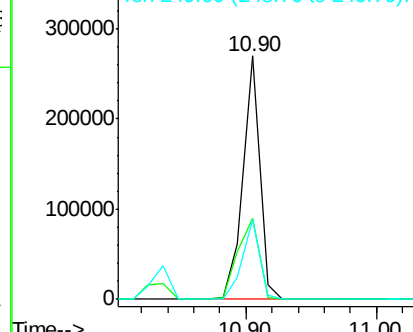
Tot Ion:	284	Resp:	240727
Ion Ratio		Lower	Upper
284	100		
142	33.5	22.6	33.8
249	33.0	25.4	38.0

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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: 31.39 ng

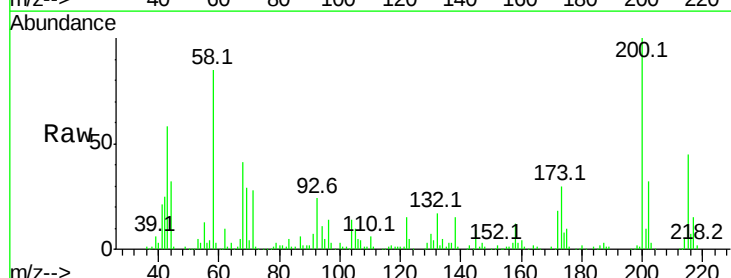
RT: 11.00 min Scan# 797

Delta R.T. -0.00 min

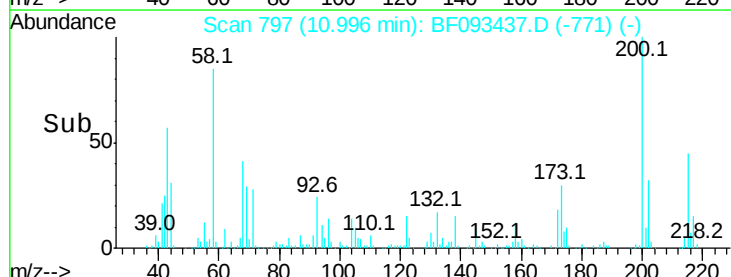
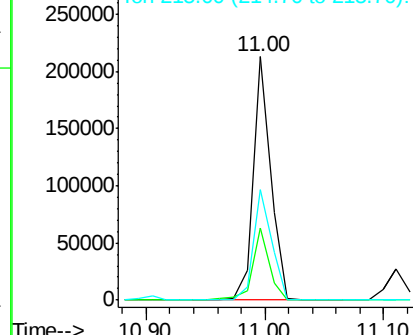
Lab File: BF093437.D

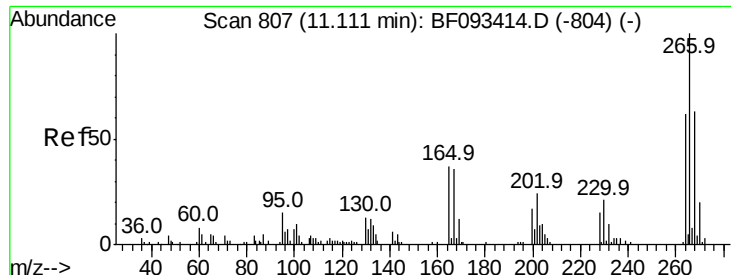
Acq: 8 Mar 2017 19:18

Tgt Ion:	200	Resp:	219198
Ion Ratio		Lower	Upper
200	100		
173	29.6	9.6	49.6
215	45.3	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





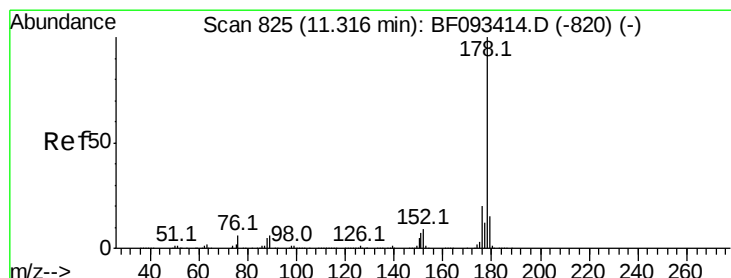
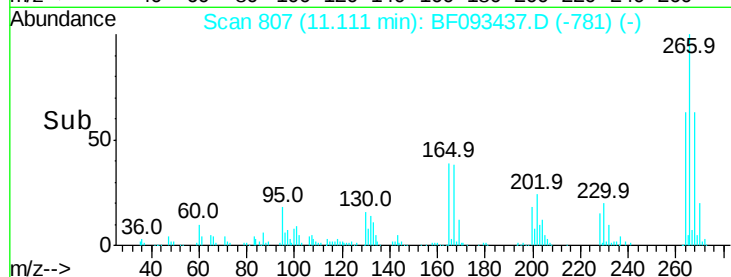
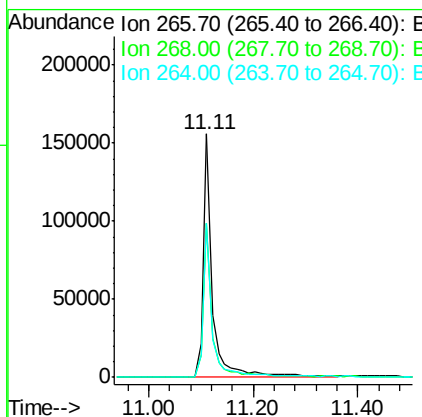
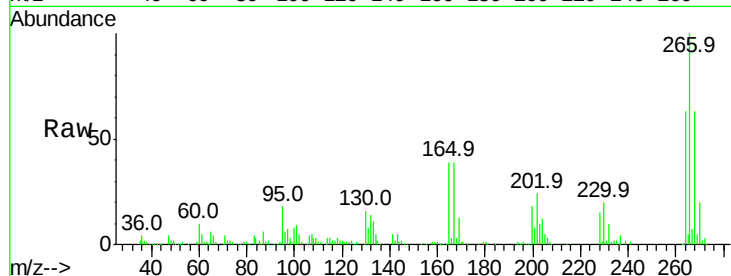
#69
 Pentachlorophenol
 Concen: 77.89 ng
 RT: 11.11 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF093437.D
 Acq: 8 Mar 2017 19:18

Instrument :
 BNA_F
 ClientSampleId :
 PB97449BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	194014		
268	63.3	53.3	79.9	
264	63.1	50.3	75.5	

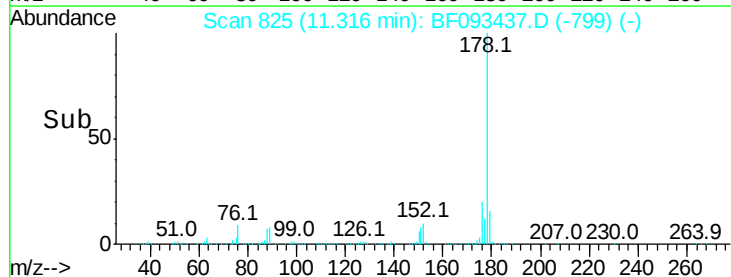
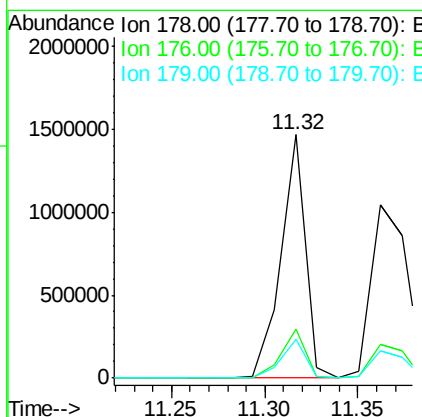
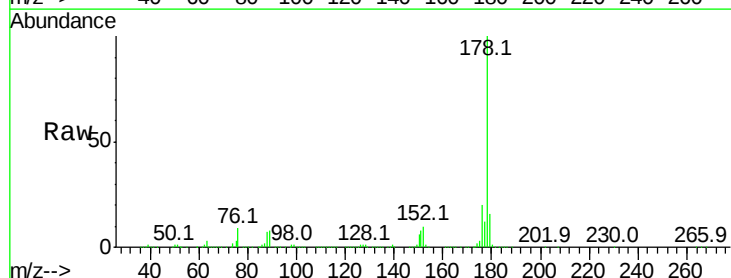
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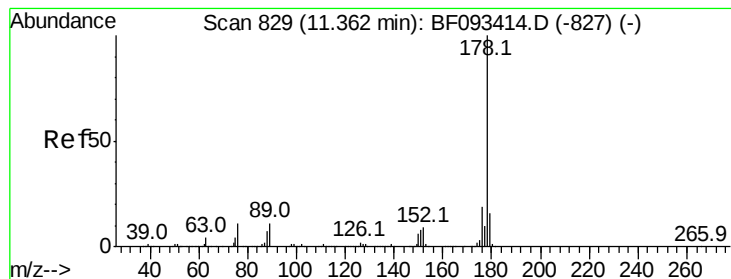
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#70
 Phenanthrene
 Concen: 32.91 ng
 RT: 11.32 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BF093437.D
 Acq: 8 Mar 2017 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1342049		
176	20.0	16.6	25.0	
179	15.7	12.8	19.2	





#71
 Anthracene
 Concen: 33.03 ng
 RT: 11.36 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF093437.D
 Acq: 8 Mar 2017 19:18

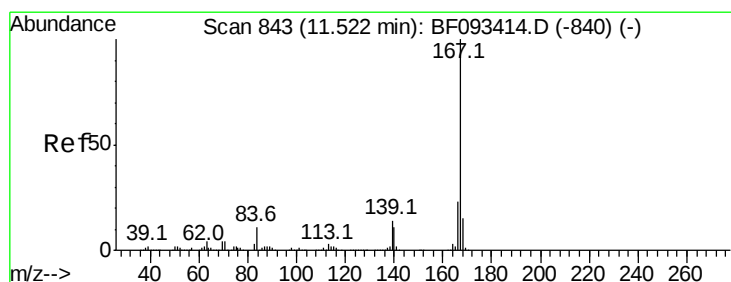
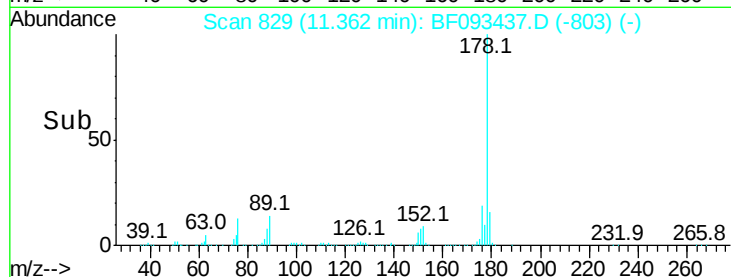
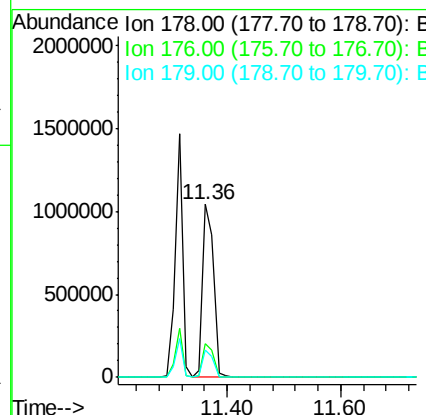
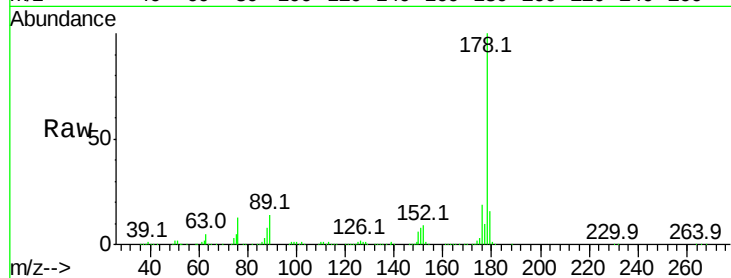
Instrument :
 BNA_F
 ClientSampleId :
 PB97449BS

Tot Ion:178 Resp: 1362694

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

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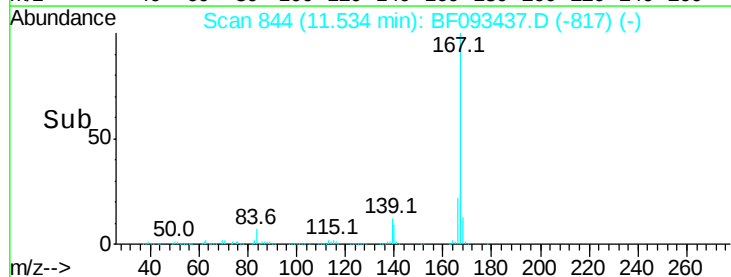
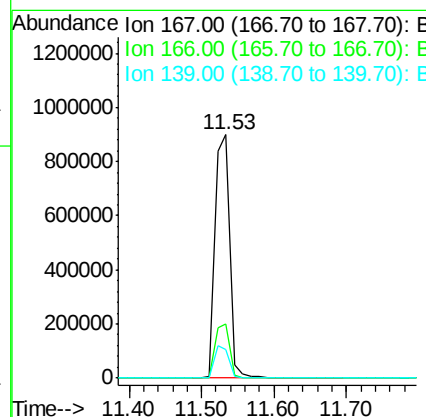
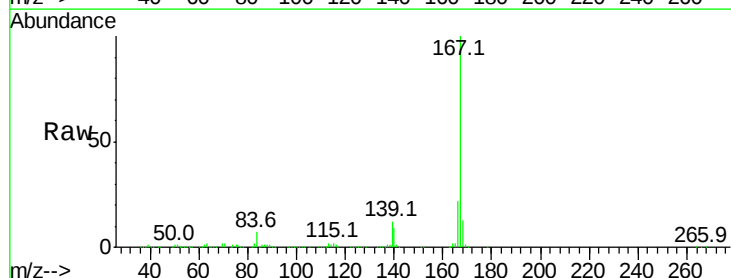
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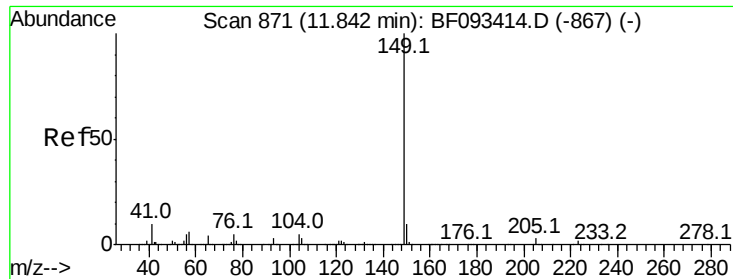


#72
 Carbazole
 Concen: 32.30 ng
 RT: 11.53 min Scan# 844
 Delta R.T. 0.01 min
 Lab File: BF093437.D
 Acq: 8 Mar 2017 19:18

Tgt Ion:167 Resp: 1251997

Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.2	27.2
139	11.7	11.4	17.2





#73

Di-n-butylphthalate

Concen: 35.56 ng

RT: 11.85 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

Instrument :

BNA_F

ClientSampleId :

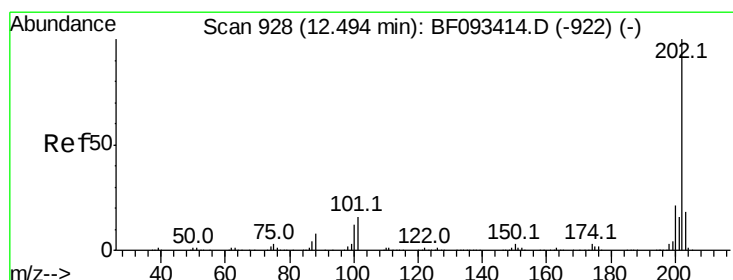
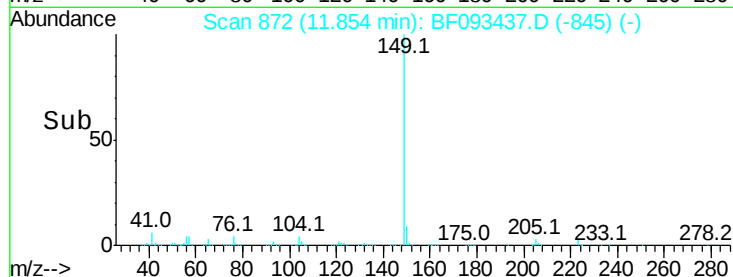
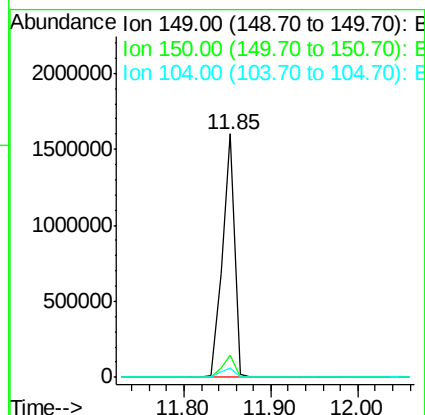
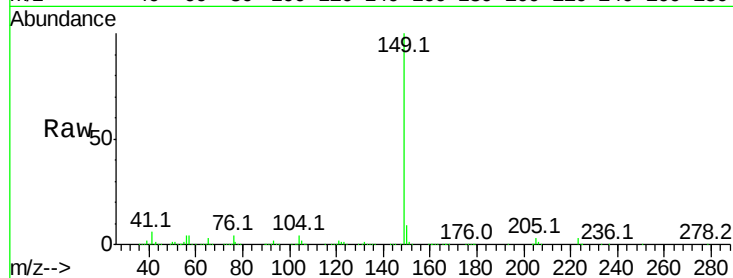
PB97449BS

Tot Ion:149 Resp: 1594401

Ion	Ratio	Lower	Upper
149	100		
150	9.2	8.1	12.1
104	4.0	4.6	7.0

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#74

Fluoranthene

Concen: 34.86 ng

RT: 12.51 min Scan# 929

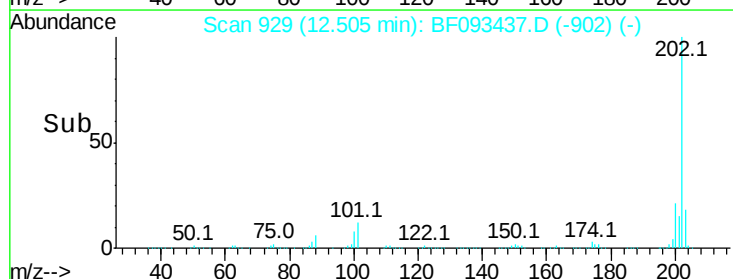
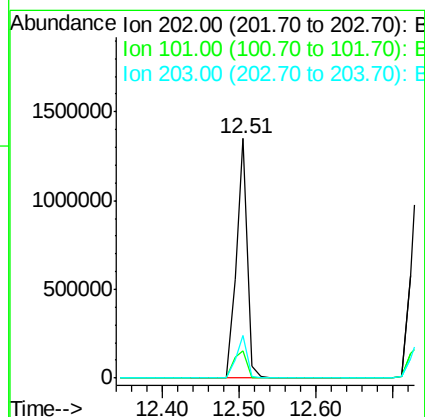
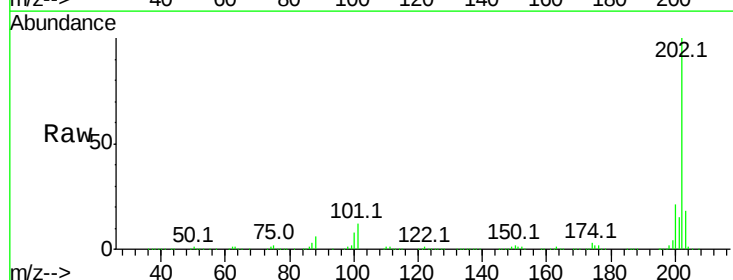
Delta R.T. 0.01 min

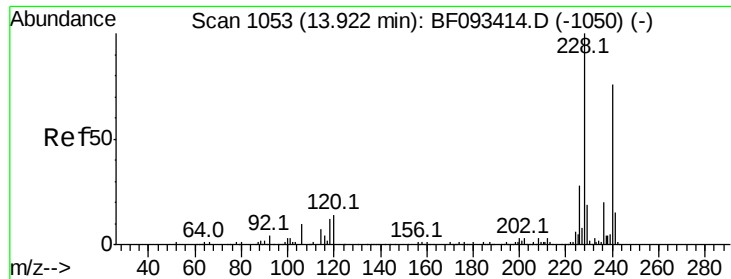
Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

Tgt Ion:202 Resp: 1373091

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	34.6
203	17.7	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1054

Delta R.T. 0.01 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

Instrument :

BNA_F

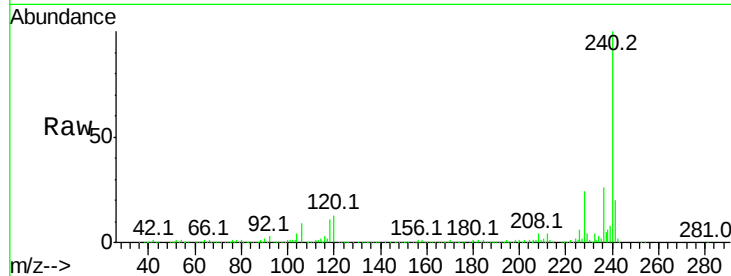
ClientSampled :

PB97449BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.7	12.9	19.3#
236	26.2	20.9	31.3

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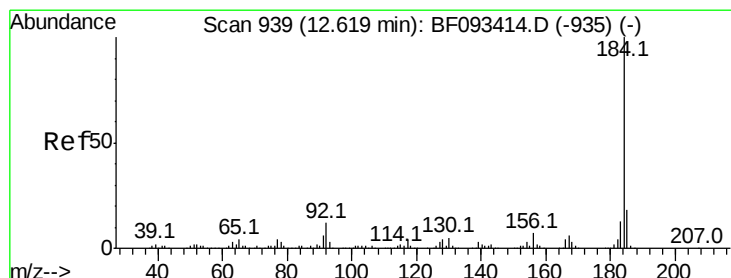
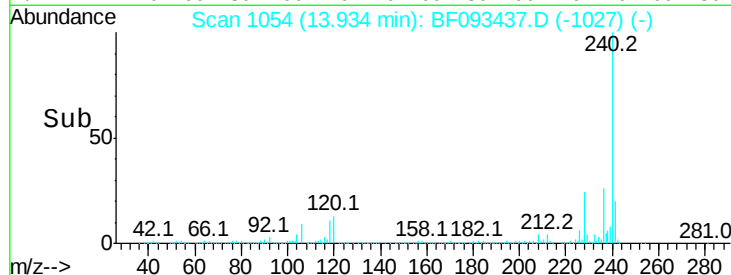
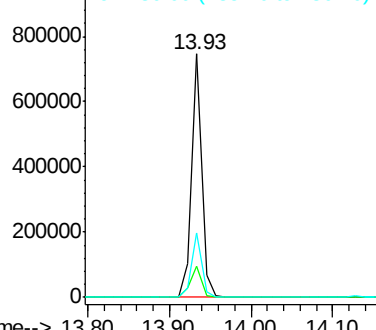
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 24.72 ng

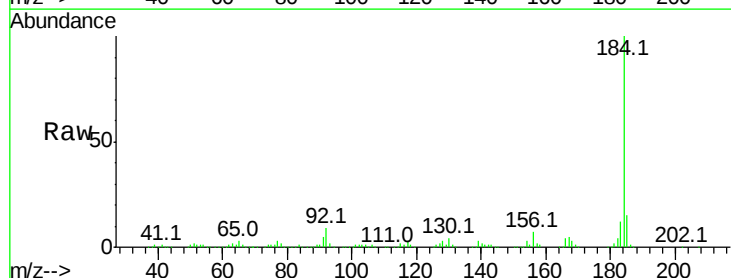
RT: 12.63 min Scan# 940

Delta R.T. 0.01 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

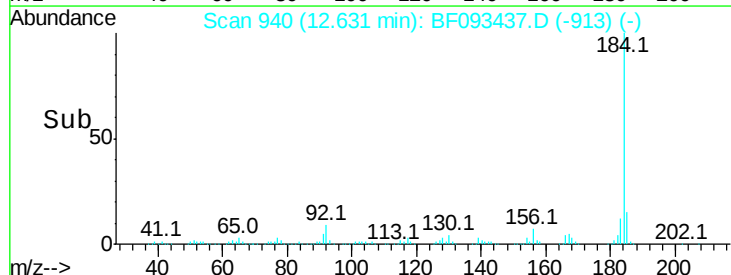
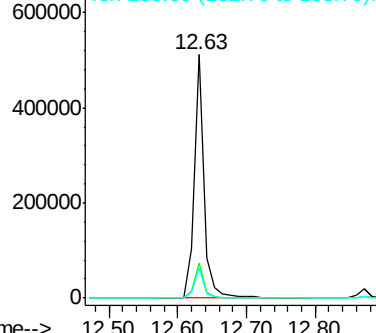
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.6	13.4	20.0
183	12.2	9.2	13.8

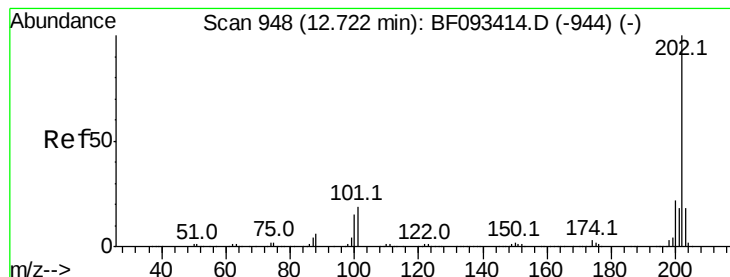


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 30.00 ng

RT: 12.73 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

Instrument :

BNA_F

ClientSampleId :

PB97449BS

Tot Ion:202 Resp: 1397359

Ion Ratio Lower Upper

202 100

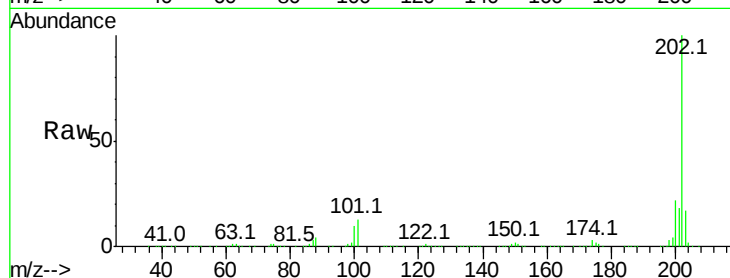
200 21.8 17.7 26.5

203 17.5 14.7 22.1

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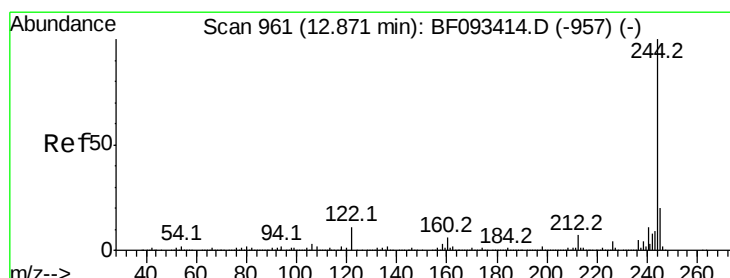
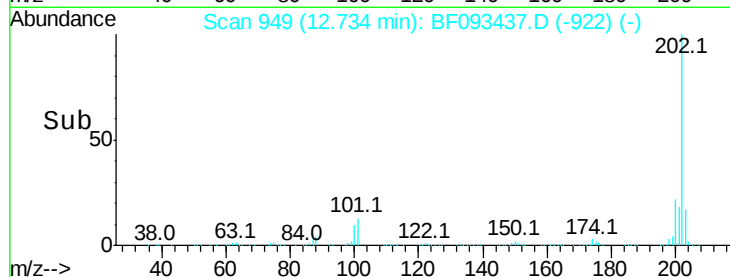
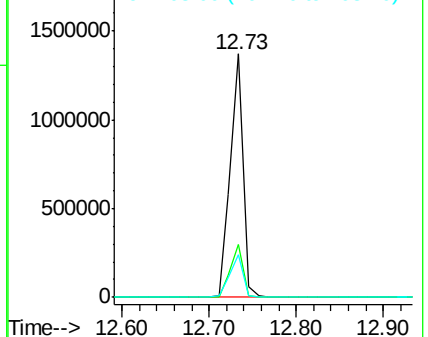
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 53.09 ng

RT: 12.87 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

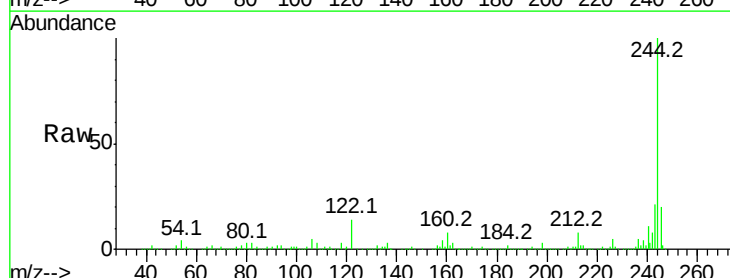
Tgt Ion:244 Resp: 1307761

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

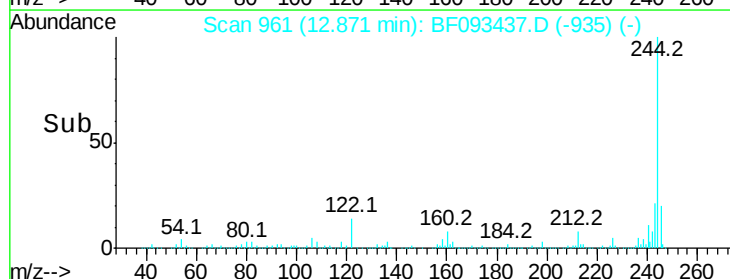
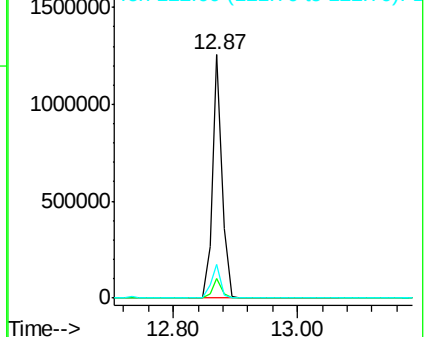
122 14.0 11.4 17.2

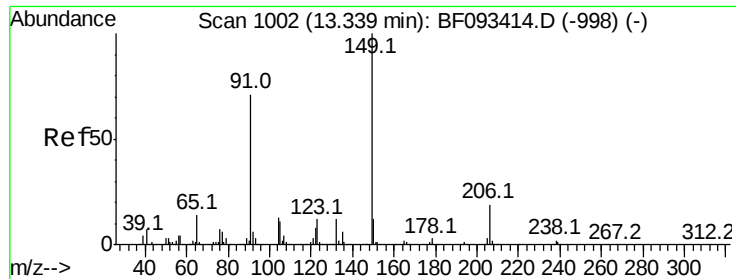


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





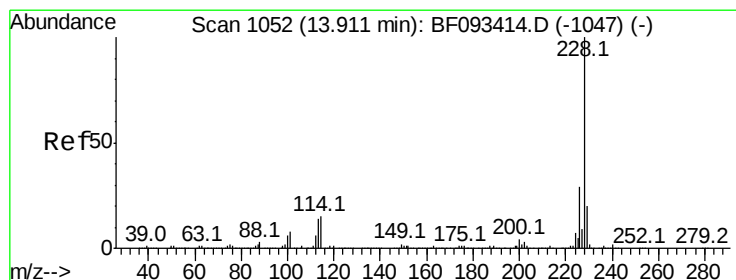
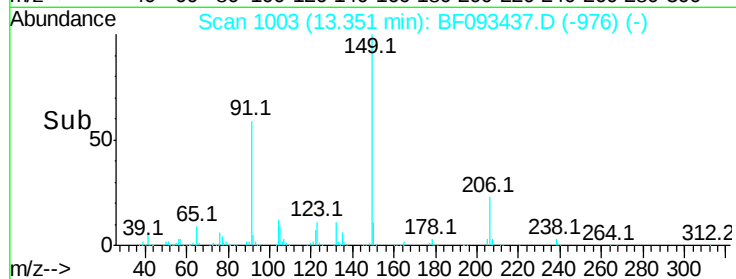
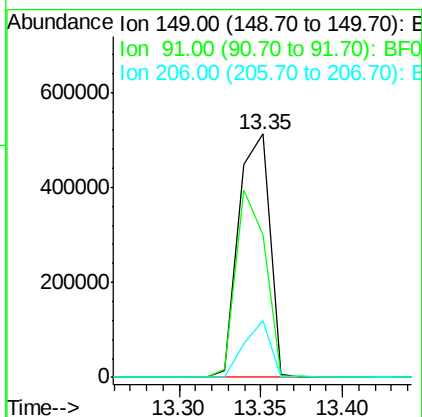
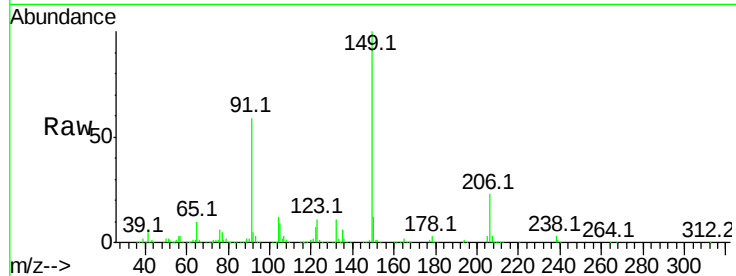
#79
Butylbenzylphthalate
Concen: 34.43 ng
RT: 13.35 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Instrument :
BNA_F
ClientSampleId :
PB97449BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	675164		
91	58.6	63.9	95.9#	
206	23.3	14.6	21.8#	

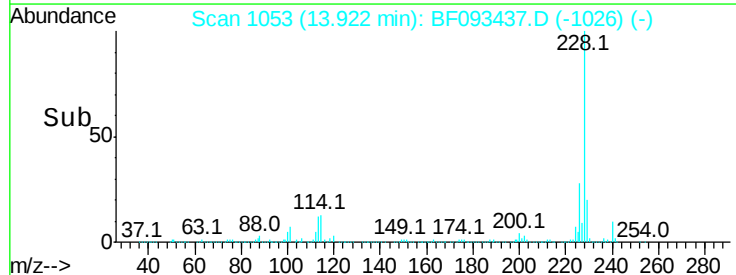
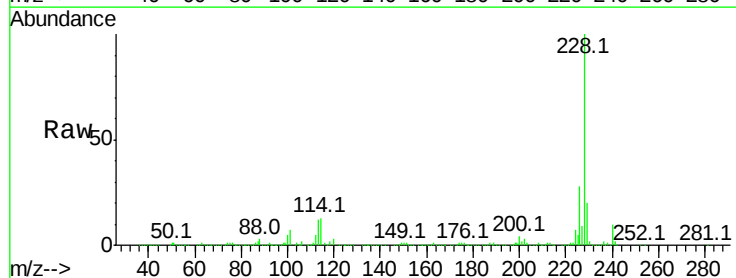
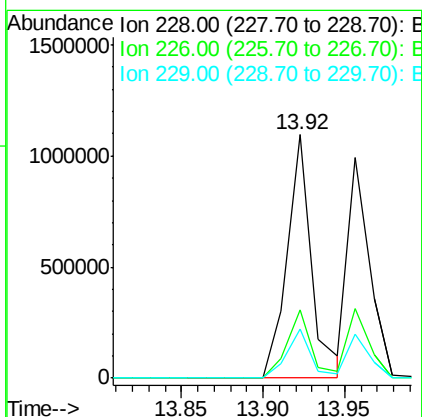
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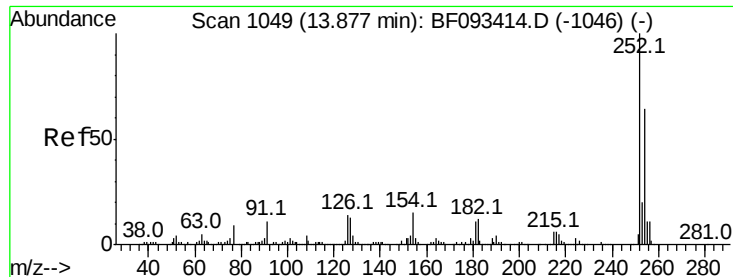
mohammad
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#80
Benzo(a)anthracene
Concen: 30.40 ng
RT: 13.92 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1149761		
226	28.1	22.4	33.6	
229	20.1	16.2	24.4	





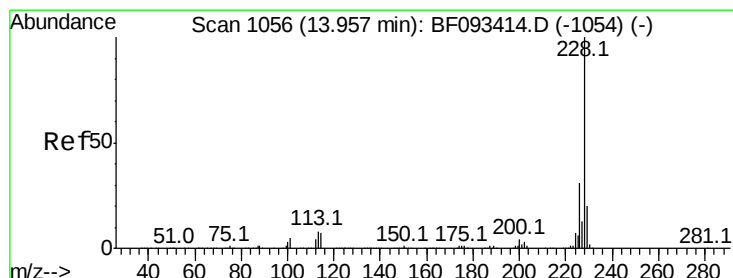
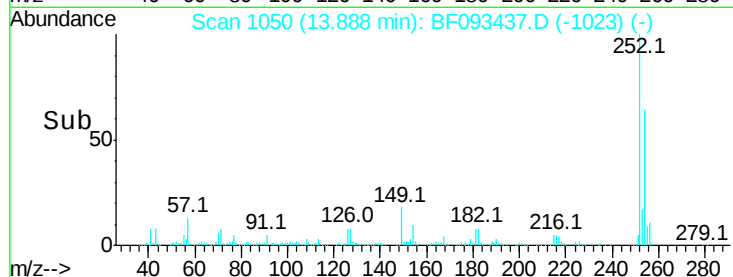
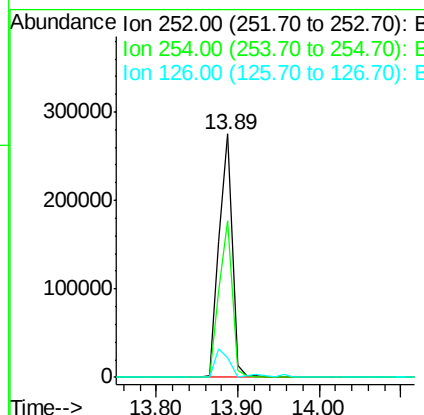
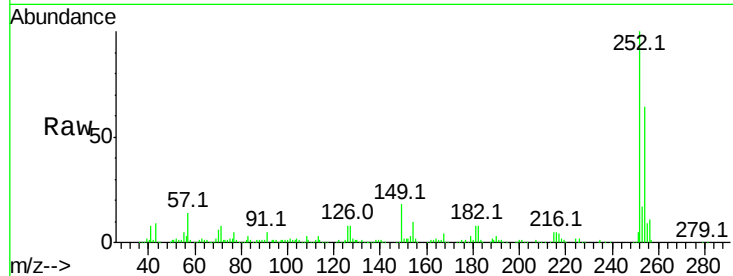
#81
 3,3'-Dichlorobenzidine
 Concen: 23.42 ng
 RT: 13.89 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: BF093437.D
 Acq: 8 Mar 2017 19:18

Instrument :
 BNA_F
 ClientSampleId :
 PB97449BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.2	52.3	78.5
126	8.3	13.6	20.4

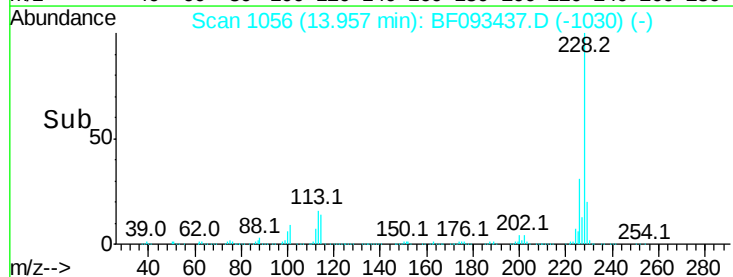
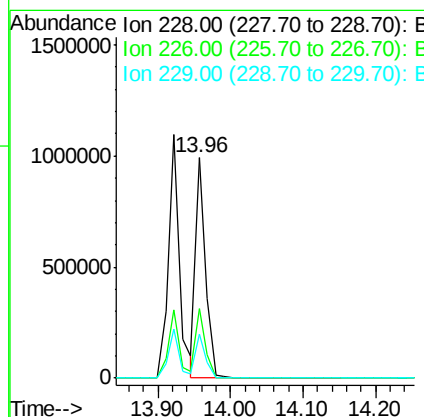
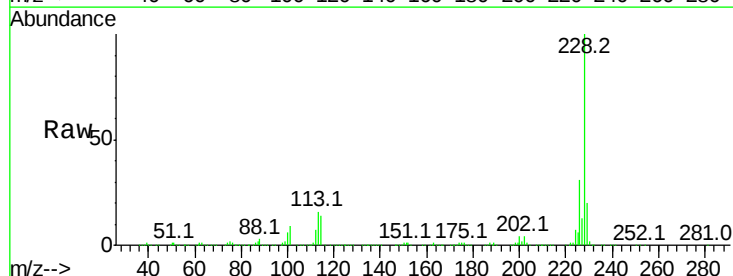
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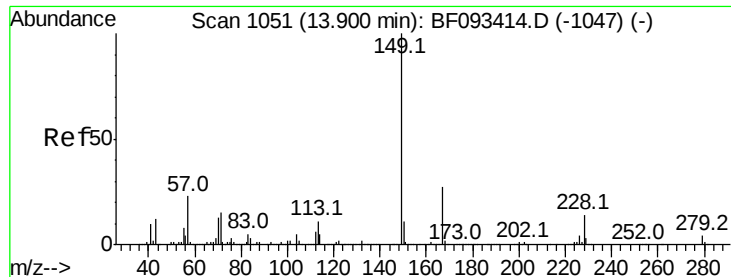
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#82
 Chrysene
 Concen: 27.17 ng
 RT: 13.96 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: BF093437.D
 Acq: 8 Mar 2017 19:18

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.3	25.4	38.0
229	20.1	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 32.01 ng

RT: 13.90 min Scan# 1051

Delta R.T. -0.00 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

Instrument :

BNA_F

ClientSampleId :

PB97449BS

Tot Ion:149 Resp: 874768

Ion Ratio Lower Upper

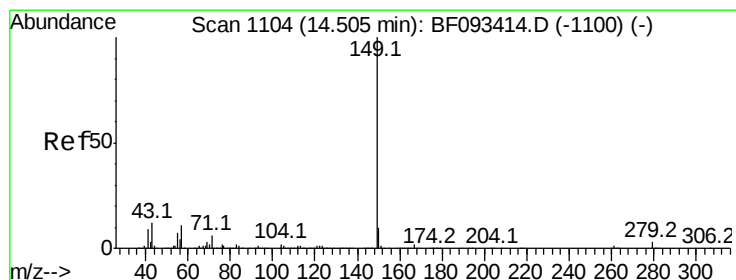
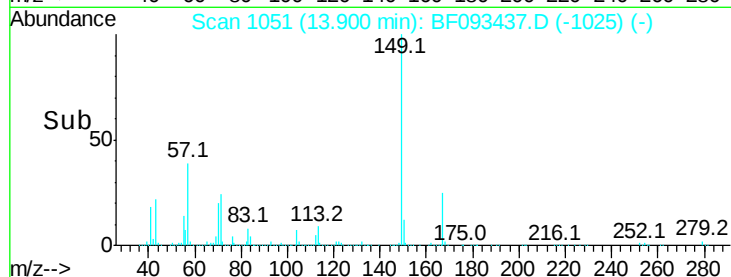
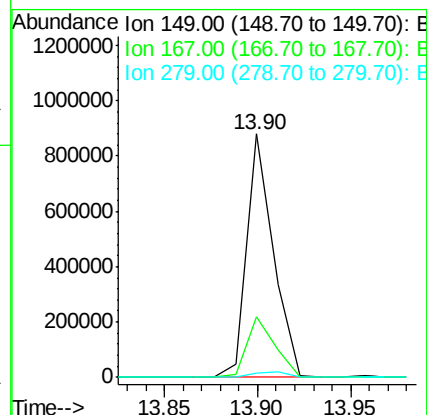
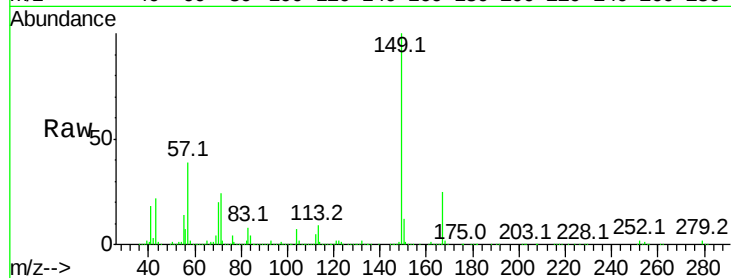
149 100

167 25.0 20.2 30.4

279 2.0 1.8 2.8

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#84

Di-n-octyl phthalate

Concen: 34.27 ng

RT: 14.52 min Scan# 1105

Delta R.T. 0.01 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

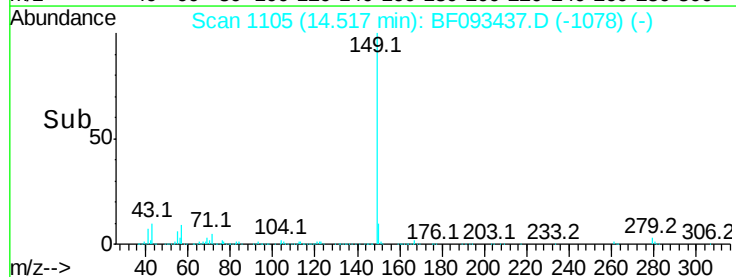
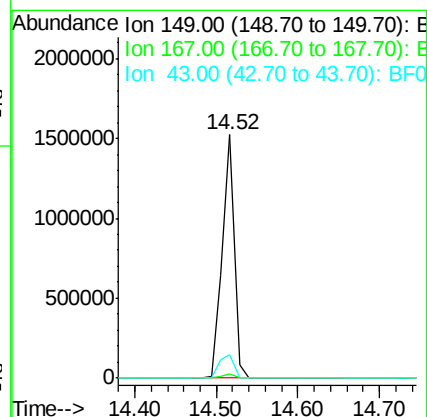
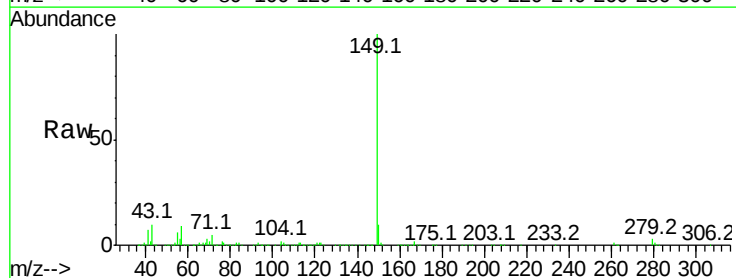
Tgt Ion:149 Resp: 1560851

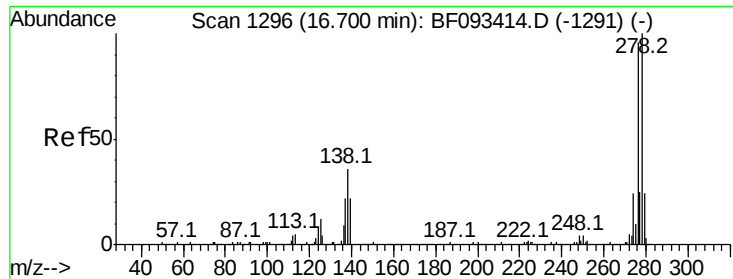
Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 12.0 8.9 13.3





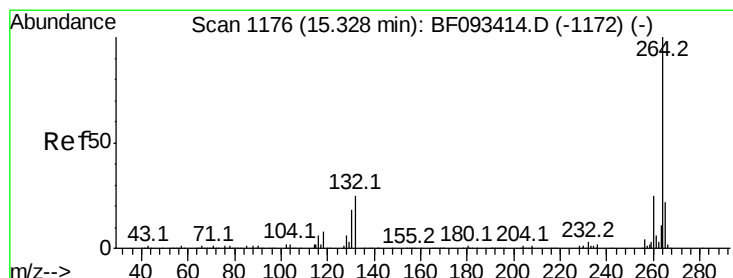
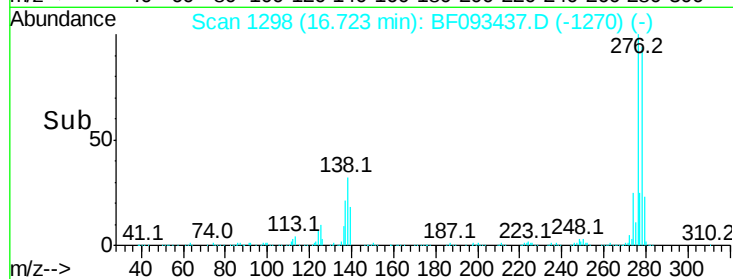
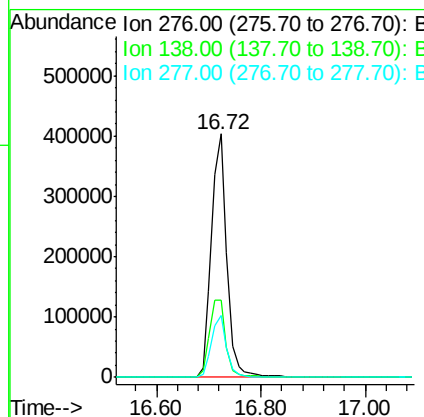
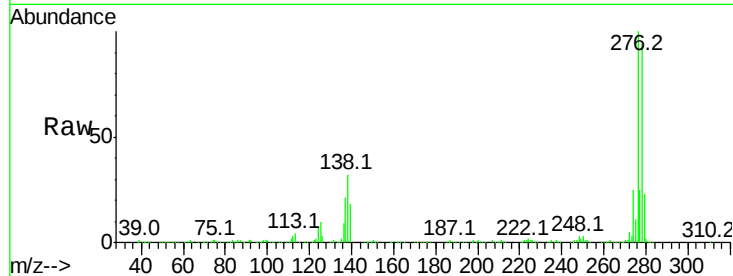
#85
Indeno(1,2,3-cd)pyrene
Concen: 28.45 ng
RT: 16.72 min Scan# 1298
Delta R.T. 0.02 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Instrument :
BNA_F
ClientSampleId :
PB97449BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.0	21.8	32.6
277	25.1	20.2	30.4

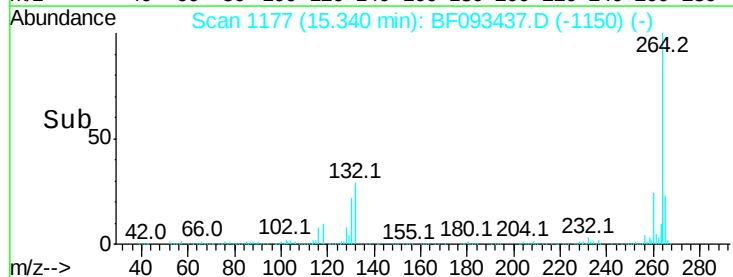
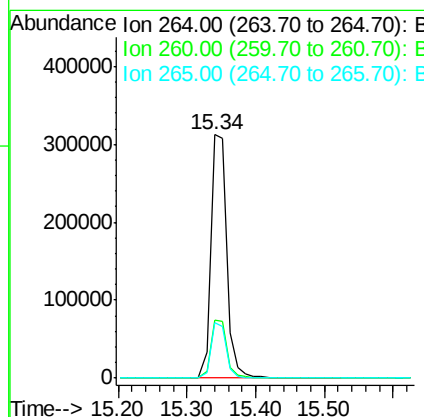
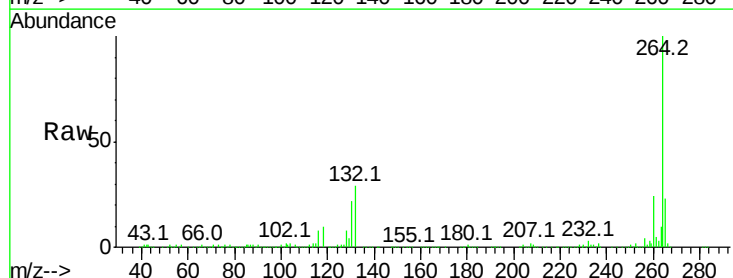
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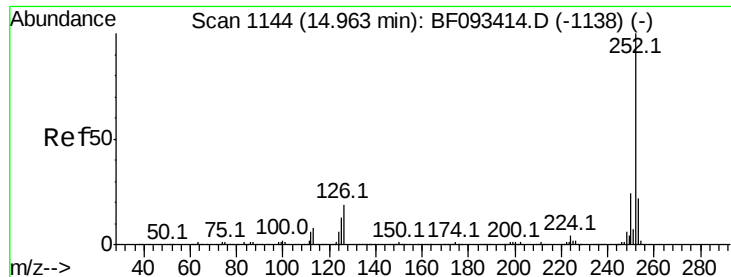
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.34 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.6	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 37.36 ng m

RT: 14.95 min Scan# 1143

Delta R.T. 0.01 min

Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

Instrument :

BNA_F

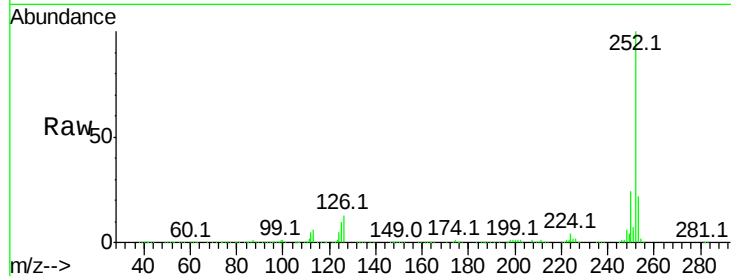
ClientSampleId :

PB97449BS

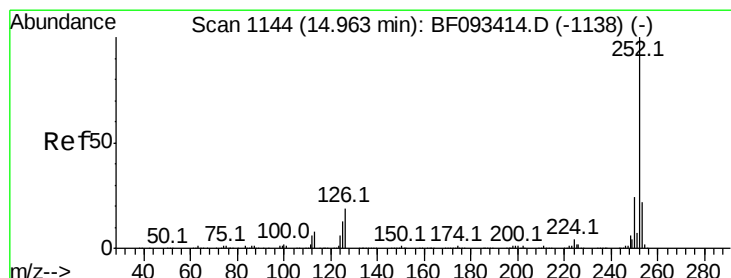
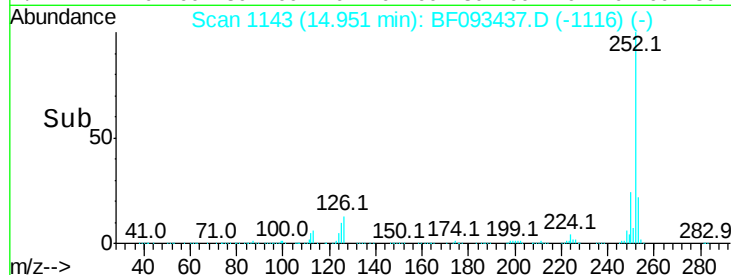
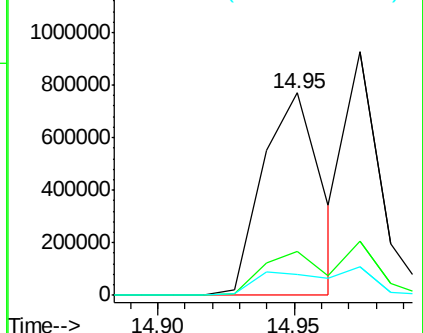
Tot Ion:252	Resp: 1155004		
Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	10.0	9.8	14.6

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 27.12 ng m

RT: 14.97 min Scan# 1145

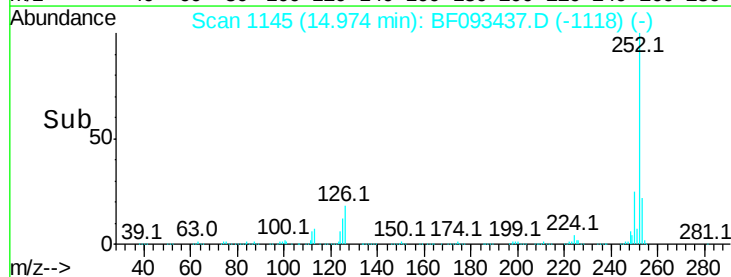
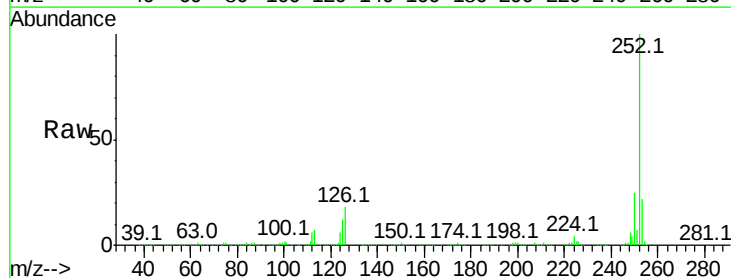
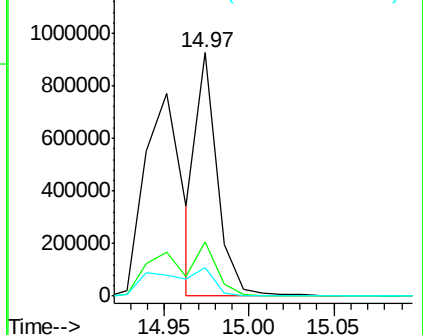
Delta R.T. 0.01 min

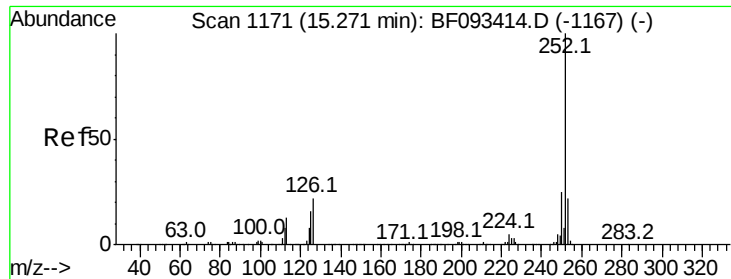
Lab File: BF093437.D

Acq: 8 Mar 2017 19:18

Tgt Ion:252	Resp: 808595		
Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.5	27.7
125	12.0	8.9	13.3

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





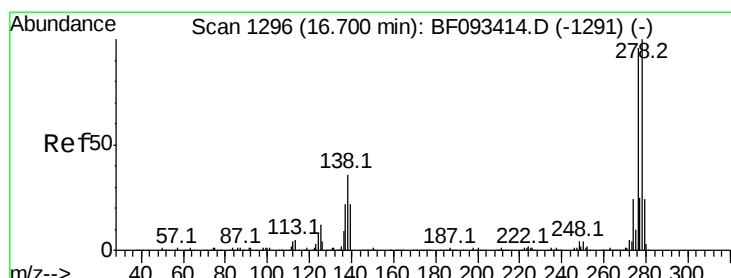
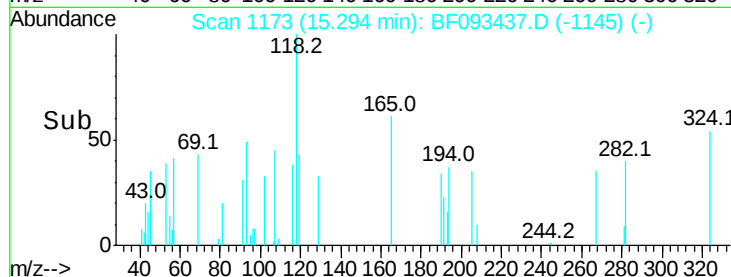
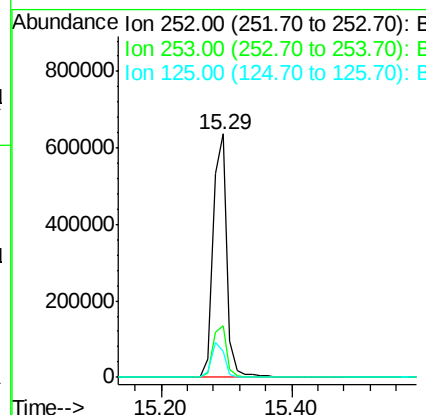
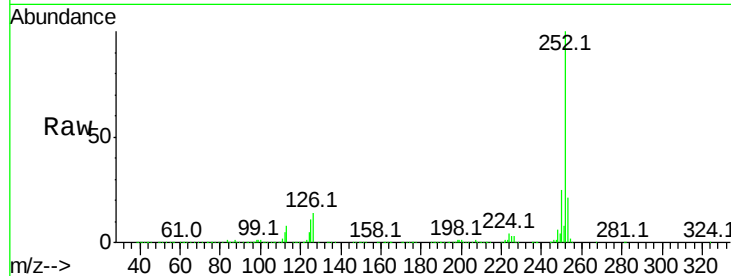
#89
Benzo(a)pyrene
Concen: 32.91 ng
RT: 15.29 min Scan# 1173
Delta R.T. 0.02 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Instrument :
BNA_F
ClientSampleId :
PB97449BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.2
125	10.7	10.0	15.0

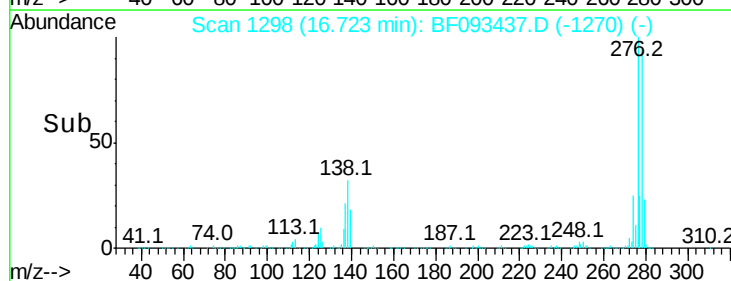
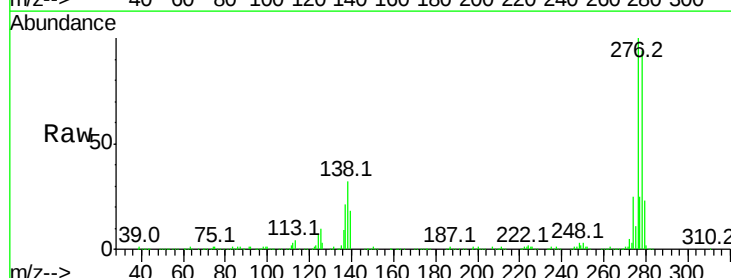
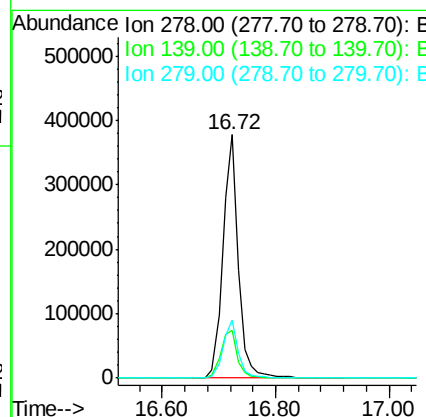
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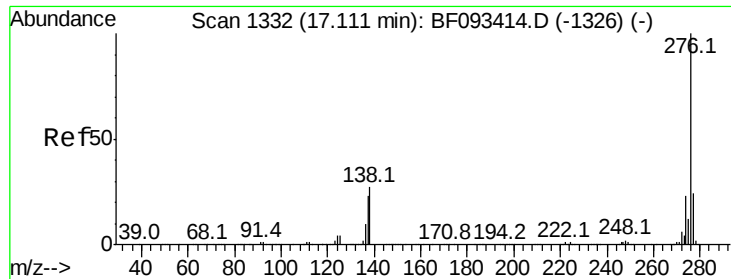
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 30.30 ng
RT: 16.72 min Scan# 1298
Delta R.T. 0.02 min
Lab File: BF093437.D
Acq: 8 Mar 2017 19:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.6	14.8	22.2
279	24.0	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 30.43 ng
 RT: 17.13 min Scan# 1334
 Delta R.T. 0.02 min
 Lab File: BF093437.D
 Acq: 8 Mar 2017 19:18

Instrument :
 BNA_F
 ClientSampleId :
 PB97449BS

Tot Ion:	276	Resp:	730193
Ion Ratio		Lower	Upper
276	100		
277	23.8	19.2	28.8
138	27.3	16.0	24.0

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