

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
 Data File : BF093435.D
 Acq On : 8 Mar 2017 18:23
 Operator : SJ/MA
 Sample : PB97426BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97426BS

Manual Integrations
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mohammad
 3/10/2017 8:11:44 AM

Quant Time: Mar 09 00:05:50 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	195453	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	778023	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	381668	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	684958	20.00	ng	0.01
75) Chrysene-d12	13.93	240	580164	20.00	ng	0.01
86) Perylene-d12	15.34	264	440164	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1331105	113.35	ng	0.01
7) Phenol-d6	6.42	99	1790847	120.93	ng	0.01
23) Nitrobenzene-d5	7.34	82	1090088	77.74	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	340034	136.74	ng	0.01
44) 2-Fluorobiphenyl	9.13	172	1814882	88.45	ng	0.00
78) Terphenyl-d14	12.87	244	1490912	66.81	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.34	88	199236	30.80	ng	# 83
3) Pyridine	3.04	79	491115	29.78	ng	89
4) n-Nitrosodimethylamine	3.00	42	275553	34.98	ng	84
6) Aniline	6.44	93	193745	9.53	ng	# 19
8) 2-Chlorophenol	6.55	128	494324	37.57	ng	97
9) Benzaldehyde	6.32	77	74047	5.73	ng	96
10) Phenol	6.44	94	630911	34.77	ng	# 74
11) bis(2-Chloroethyl)ether	6.50	93	513436	35.01	ng	95
12) 1,3-Dichlorobenzene	6.70	146	527104	35.00	ng	# 93
13) 1,4-Dichlorobenzene	6.78	146	547350	35.50	ng	97
14) 1,2-Dichlorobenzene	6.94	146	468297	34.30	ng	94
15) Benzyl Alcohol	6.93	79	399067	37.80	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.05	45	844809	34.67	ng	83
17) 2-Methylphenol	7.04	107	412599	37.07	ng	94
18) Hexachloroethane	7.27	117	184844	35.54	ng	97
19) n-Nitroso-di-n-propylamine	7.19	70	391718	38.47	ng	96
20) 3+4-Methylphenols	7.20	107	572165	39.64	ng	# 74
22) Acetophenone	7.19	105	685282	36.60	ng	# 94
24) Nitrobenzene	7.36	77	594576	37.73	ng	93
25) Isophorone	7.60	82	1069863	37.84	ng	97
26) 2-Nitrophenol	7.68	139	281449	39.14	ng	88
27) 2,4-Dimethylphenol	7.73	122	496320	42.43	ng	96
28) bis(2-Chloroethoxy)methane	7.81	93	639477	35.82	ng	98
29) 2,4-Dichlorophenol	7.93	162	436102	39.63	ng	96
30) 1,2,4-Trichlorobenzene	8.00	180	433971	37.08	ng	97
31) Naphthalene	8.07	128	1351252	34.66	ng	100
32) Benzoic acid	7.89	122	286713	47.17	ng	96
33) 4-Chloroaniline	8.15	127	109423	6.92	ng	97
34) Hexachlorobutadiene	8.18	225	211044	35.01	ng	99
35) Caprolactam	8.52	113	150129m	39.95	ng	
36) 4-Chloro-3-methylphenol	8.64	107	487483	41.51	ng	95
37) 2-Methylnaphthalene	8.77	142	916475	36.94	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	411957	39.53	ng	99
40) Hexachlorocyclopentadiene	8.92	237	221668	83.64	ng	97

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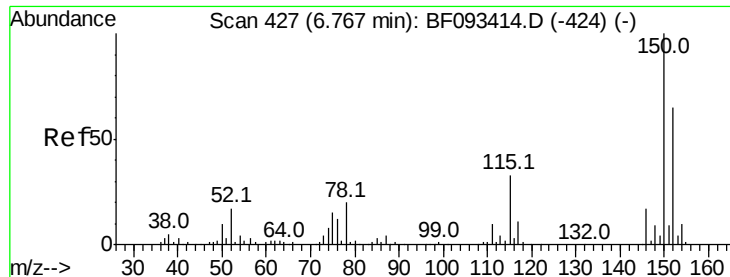
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	276045	42.39	nq	92
43) 2,4,5-Trichlorophenol	9.11	196	274853	39.34	nq #	87
45) 1,1'-Biphenyl	9.24	154	1110483	39.94	nq	99
46) 2-Chloronaphthalene	9.26	162	903943	42.47	nq	99
47) 2-Nitroaniline	9.36	65	297061	39.48	nq	89
48) Acenaphthylene	9.67	152	1370868	39.06	nq	98
49) Dimethylphthalate	9.53	163	1029473	40.69	nq	98
50) 2,6-Dinitrotoluene	9.61	165	225838	40.68	nq #	76
51) Acenaphthene	9.84	154	850301	40.97	nq	97
52) 3-Nitroaniline	9.78	138	67655	10.14	nq	87
53) 2,4-Dinitrophenol	9.90	184	220399	87.17	nq #	57
54) Dibenzofuran	10.01	168	1172443	45.13	nq	96
55) 4-Nitrophenol	9.97	139	266399	82.23	nq	94
56) 2,4-Dinitrotoluene	10.02	165	282226	41.38	nq #	68
57) Fluorene	10.36	166	921613	41.87	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.14	232	211093	42.81	nq	99
59) Diethylphthalate	10.23	149	963055	39.82	nq	100
60) 4-Chlorophenyl-phenylether	10.34	204	422954	42.86	nq	88
61) 4-Nitroaniline	10.40	138	248233	36.39	nq	84
62) Azobenzene	10.50	77	1251585	45.55	nq	97
64) 4,6-Dinitro-2-methylphenol	10.44	198	166865	37.60	nq	90
65) n-Nitrosodiphenylamine	10.47	169	836323	36.57	nq	99
66) 4-Bromophenyl-phenylether	10.84	248	264918	36.57	nq #	85
67) Hexachlorobenzene	10.90	284	250101	36.16	nq	93
68) Atrazine	11.00	200	220609	32.95	nq	99
69) Pentachlorophenol	11.11	266	208531	87.33	nq	97
70) Phenanthrene	11.32	178	1386769	35.47	nq	99
71) Anthracene	11.36	178	1426986	36.08	nq	99
72) Carbazole	11.53	167	1337292	35.99	nq	97
73) Di-n-butylphthalate	11.85	149	1637664	38.10	nq #	97
74) Fluoranthene	12.50	202	1417661	37.54	nq	96
76) Benzidine	12.63	184	276307	14.48	nq	96
77) Pyrene	12.73	202	1449970	34.36	nq	99
79) Butylbenzylphthalate	13.35	149	706197	39.76	nq #	81
80) Benzo(a)anthracene	13.92	228	1170553	34.17	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	233822	19.49	nq #	95
82) Chrysene	13.96	228	1006642	31.76	nq	99
83) Bis(2-ethylhexyl)phthalate	13.90	149	914337	36.93	nq	100
84) Di-n-octyl phthalate	14.52	149	1629782	39.50	nq	97
85) Indeno(1,2,3-cd)pyrene	16.72	276	838135	31.59	nq #	93
87) Benzo(b)fluoranthene	14.95	252	1150620m	42.92	nq	
88) Benzo(k)fluoranthene	14.97	252	829721m	32.09	nq	
89) Benzo(a)pyrene	15.29	252	932560	38.06	nq	97
90) Dibenzo(a,h)anthracene	16.72	278	710445	35.05	nq	97
91) Benzo(g,h,i)perylene	17.13	276	716242	34.43	nq #	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF093435.D

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Instrument :

BNA_F

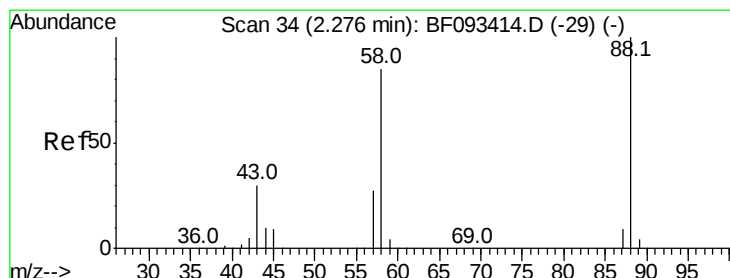
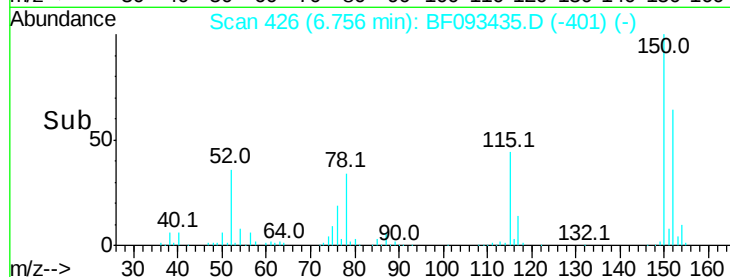
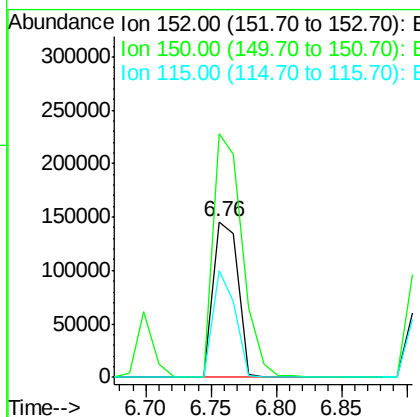
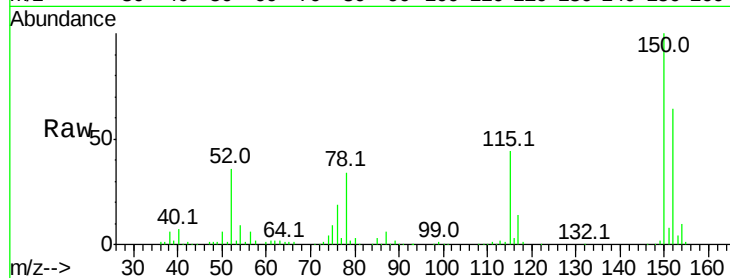
ClientSampleId :

PB97426BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.9	187.3
115	68.3	46.0	69.0

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#2

1,4-Dioxane

Concen: 30.80 ng

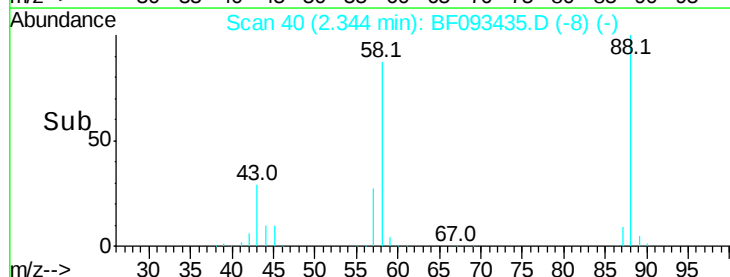
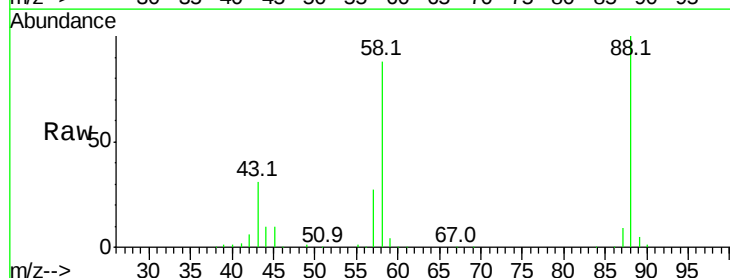
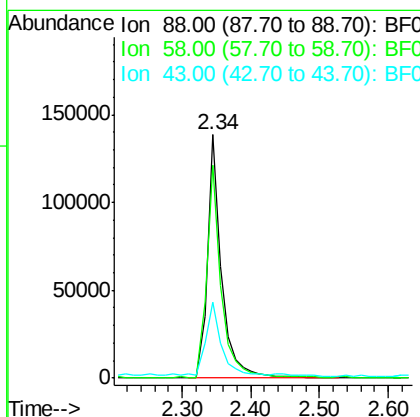
RT: 2.34 min Scan# 40

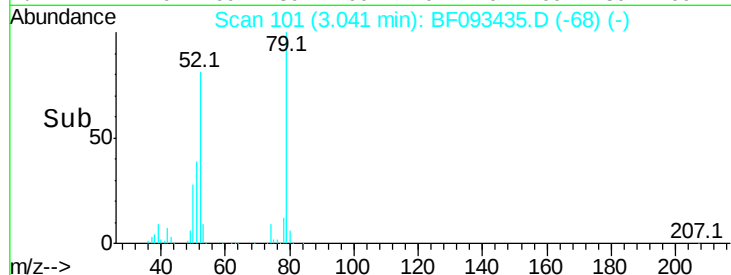
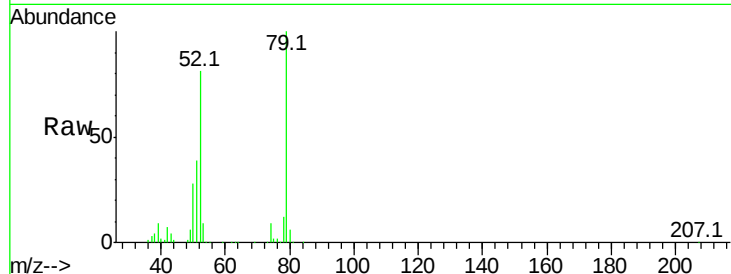
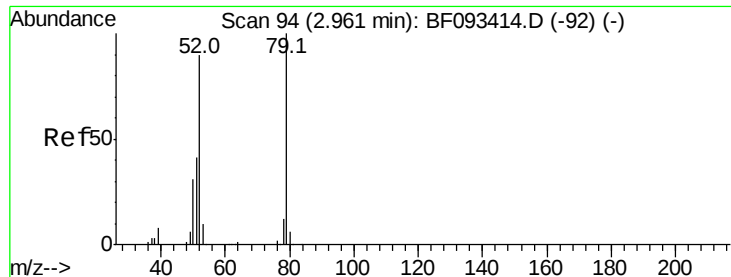
Delta R.T. 0.07 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.3	57.8	86.8#
43	32.1	22.3	33.5





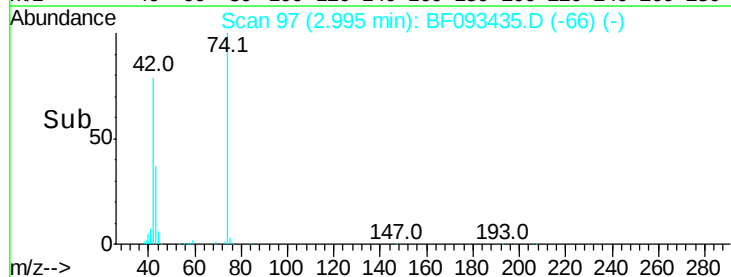
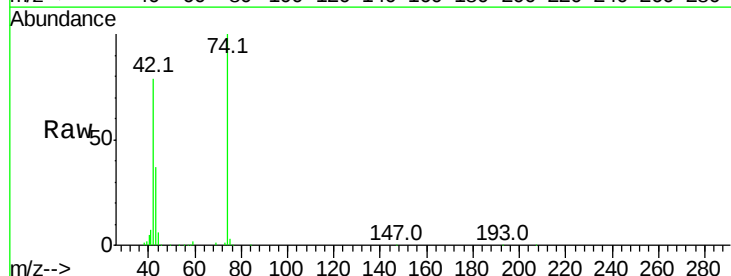
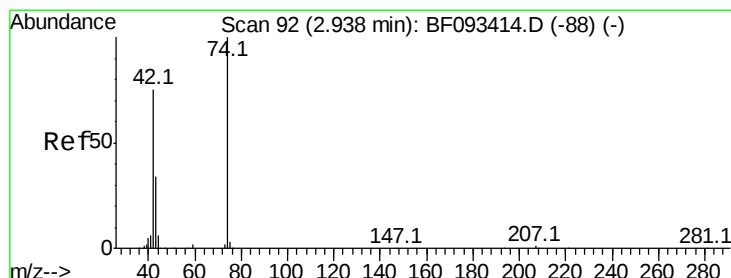
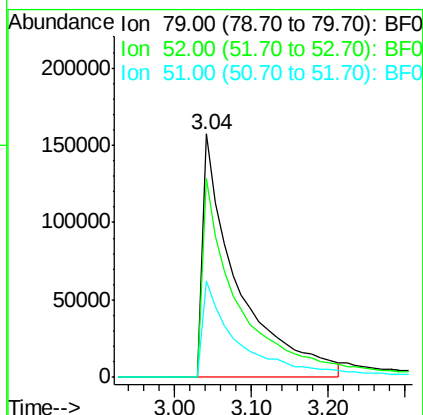
#3
Pvridine
Concen: 29.78 ng
RT: 3.04 min Scan# 101
Delta R.T. 0.08 min
Lab File: BF093435.D
Acq: 8 Mar 2017 18:23

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		491115		
52	81.4	57.1		85.7	
51	39.4	27.3		40.9	

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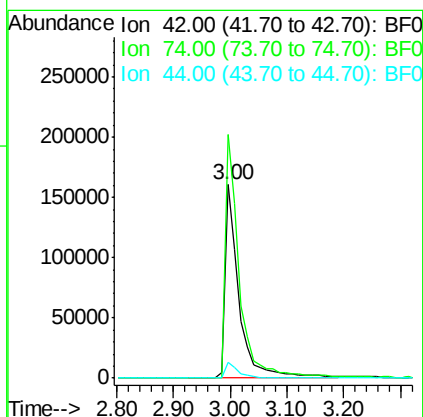
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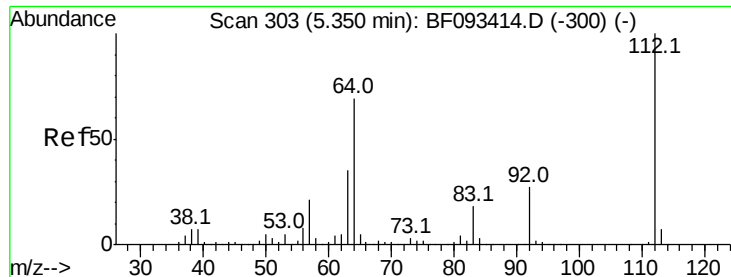
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#4
n-Nitrosodimethylamine
Concen: 34.98 ng
RT: 3.00 min Scan# 97
Delta R.T. 0.06 min
Lab File: BF093435.D
Acq: 8 Mar 2017 18:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		275553		
74	125.8	117.0		175.4	
44	8.1	5.5		8.3	





#5

2-Fluorophenol

Concen: 113.35 ng

RT: 5.36 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Instrument :

BNA_F

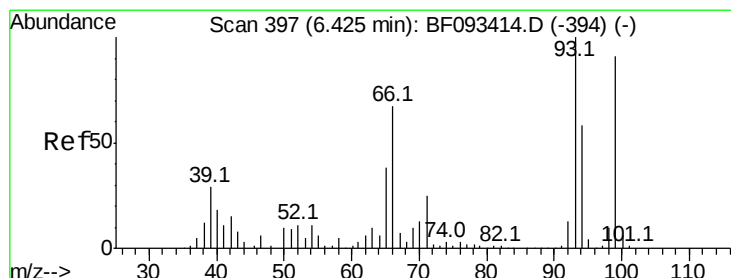
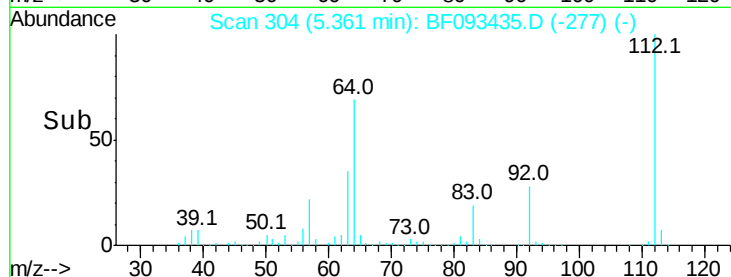
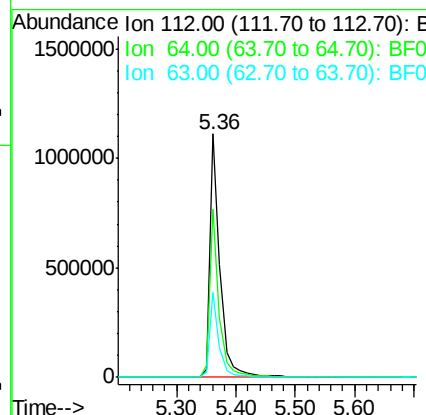
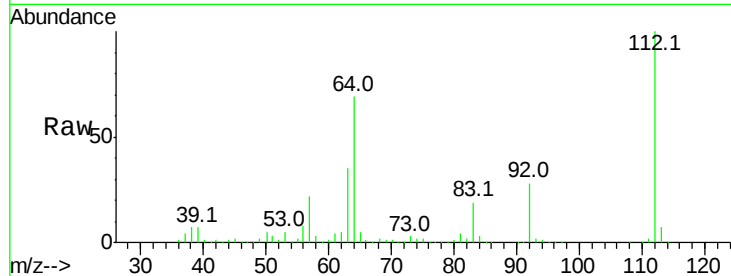
ClientSampleId :

PB97426BS

Tot Ion:	112	Resp:	1331105
Ion Ratio	Lower	Upper	
112	100		
64	69.1	46.1	69.1#
63	35.0	23.8	35.6

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#6

Aniline

Concen: 9.53 ng

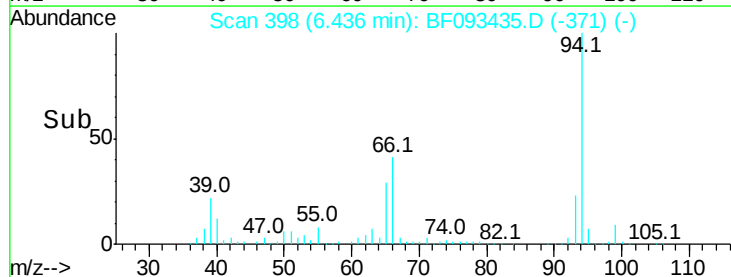
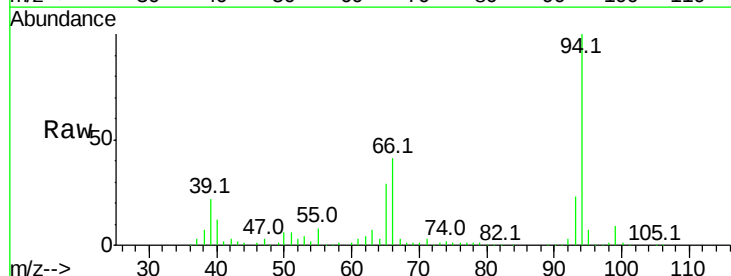
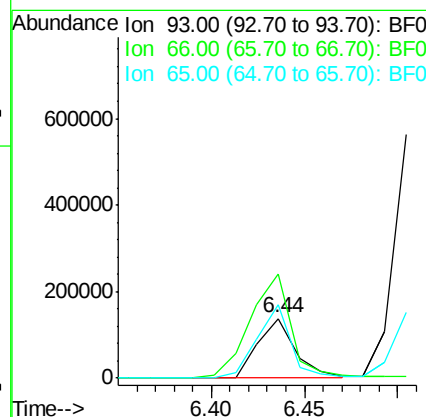
RT: 6.44 min Scan# 398

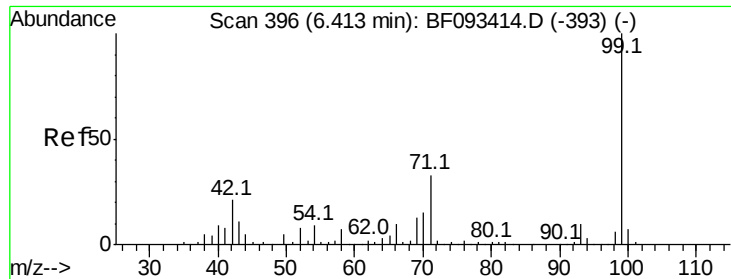
Delta R.T. 0.01 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Tgt Ion:	93	Resp:	193745
Ion Ratio	Lower	Upper	
93	100		
66	173.5	76.2	114.2#
65	123.4	49.3	73.9#





#7

Phenol-d6

Concen: 120.93 ng

RT: 6.42 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Instrument :

BNA_F

ClientSampleId :

PB97426BS

Tot Ion: 99 Resp: 1790847

Ion Ratio Lower Upper

99 100

42 17.8 15.6 23.4

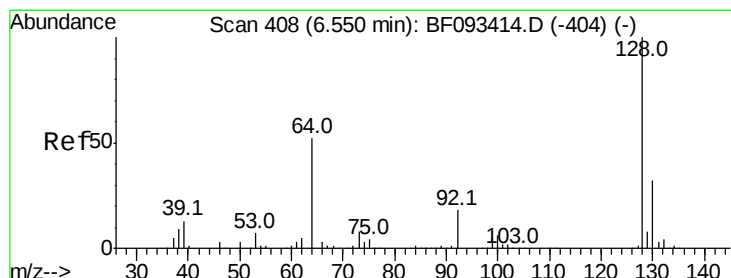
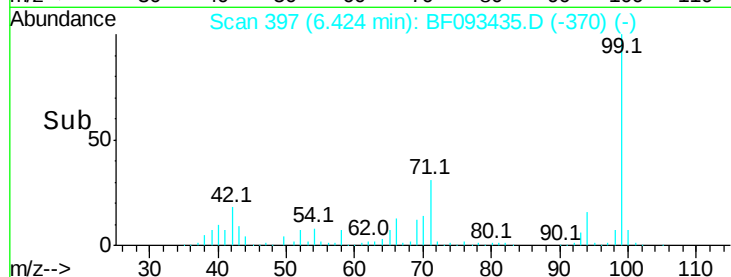
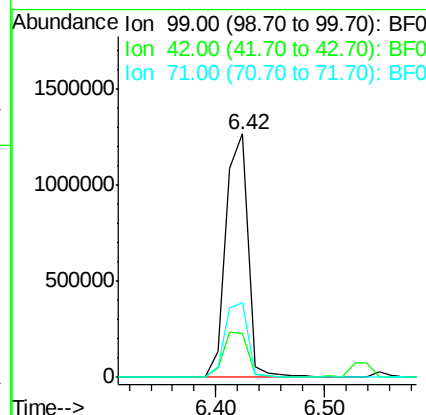
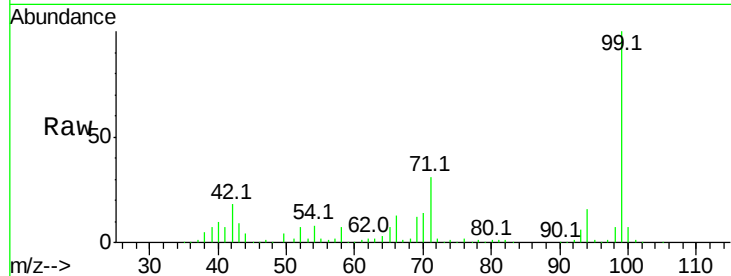
71 30.8 27.5 41.3

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#8

2-Chlorophenol

Concen: 37.57 ng

RT: 6.55 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

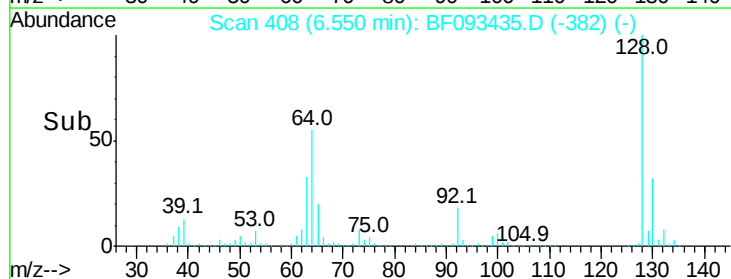
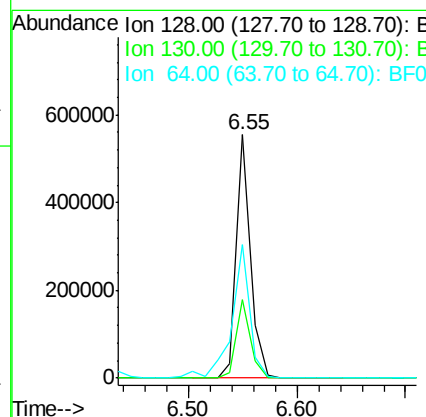
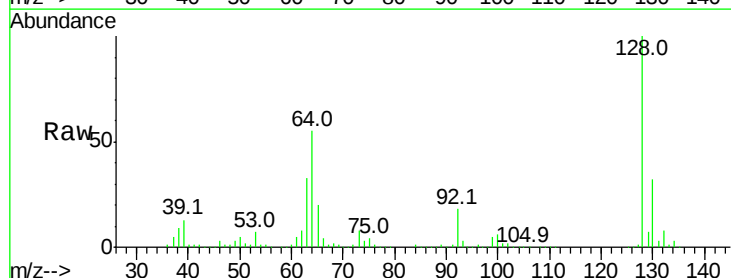
Tgt Ion:128 Resp: 494324

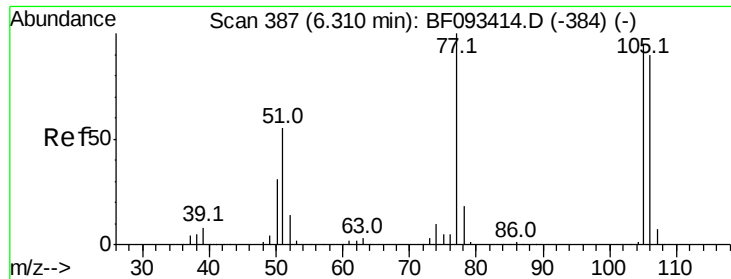
Ion Ratio Lower Upper

128 100

130 32.3 12.3 52.3

64 55.1 32.2 72.2





#9

Benzaldehyde

Concen: 5.73 ng

RT: 6.32 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Instrument :

BNA_F

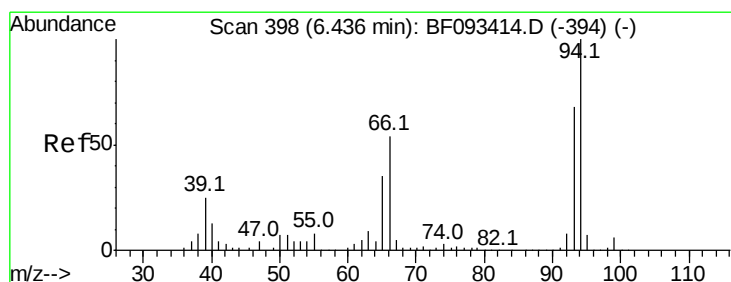
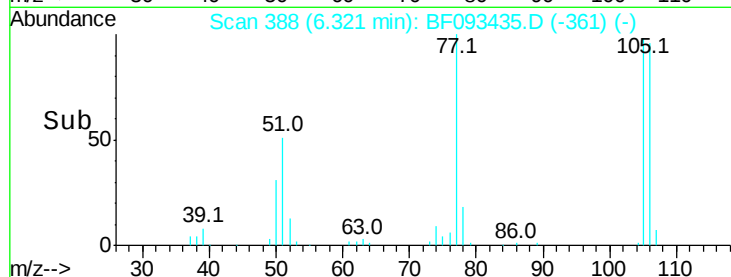
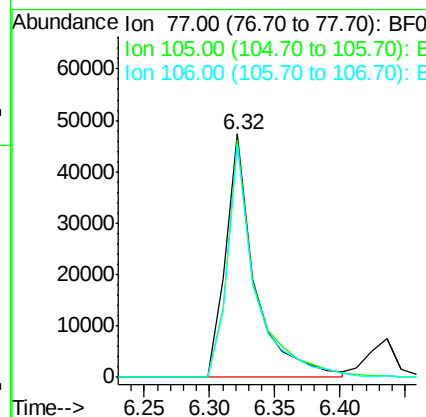
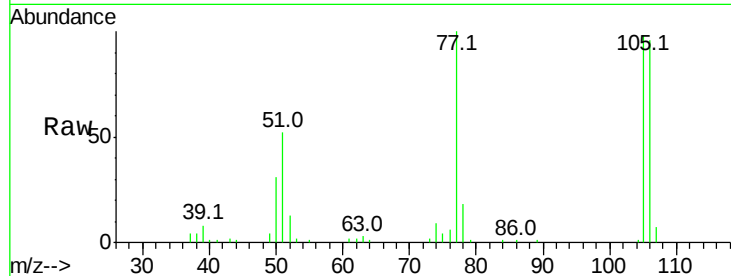
ClientSampleId :

PB97426BS

Tot Ion: 77 Resp: 74047
 Ion Ratio Lower Upper
 77 100
 105 97.6 83.9 123.9
 106 95.6 77.6 117.6

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#10

Phenol

Concen: 34.77 ng

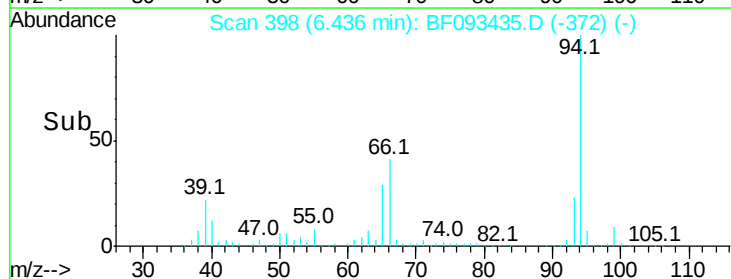
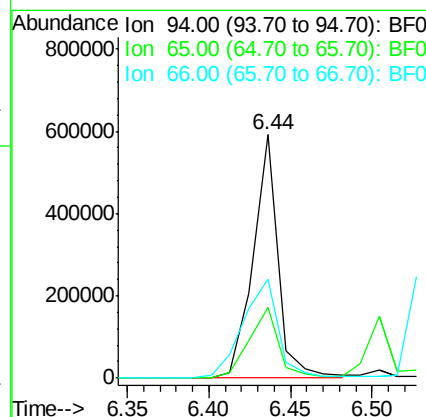
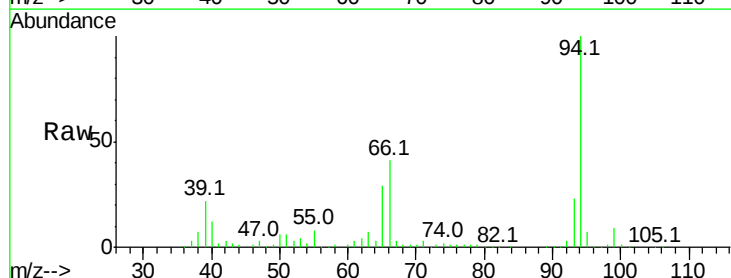
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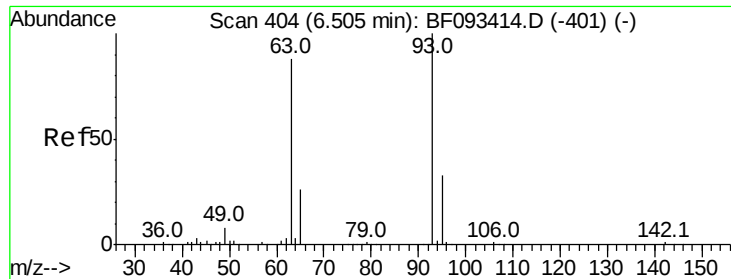
Delta R.T. -0.00 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Tgt Ion: 94 Resp: 630911
 Ion Ratio Lower Upper
 94 100
 65 28.8 21.4 61.4
 66 40.5 44.0 84.0#





#11

bis(2-Chloroethyl)ether

Concen: 35.01 ng

RT: 6.50 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Instrument :

BNA_F

ClientSampleId :

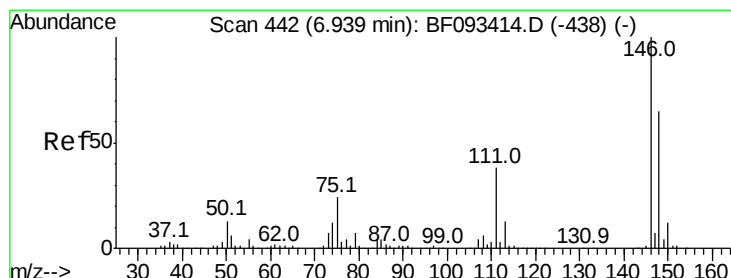
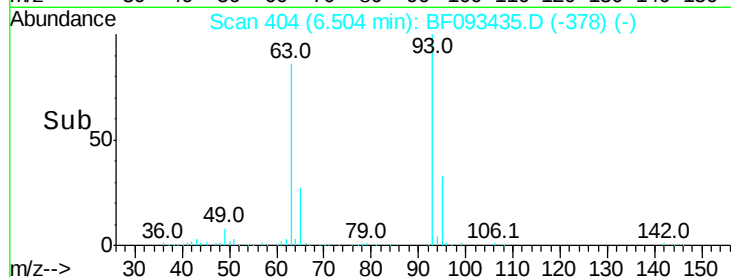
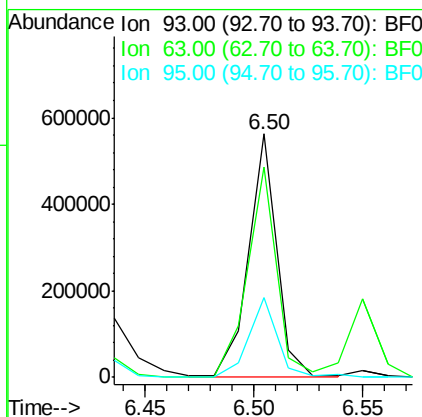
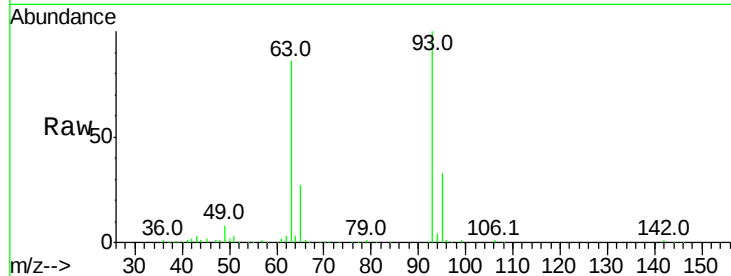
PB97426BS

Tot Ion: 93 Resp: 513436

Ion	Ratio	Lower	Upper
93	100		
63	86.5	60.4	100.4
95	32.5	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 35.00 ng

RT: 6.70 min Scan# 421

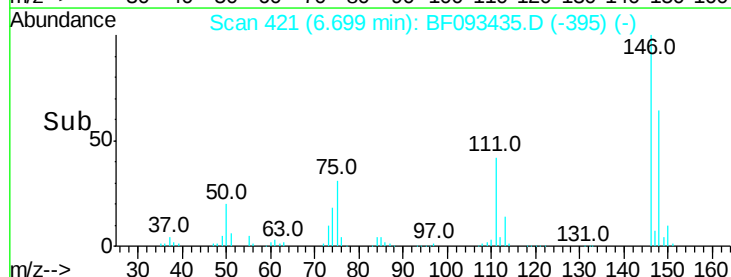
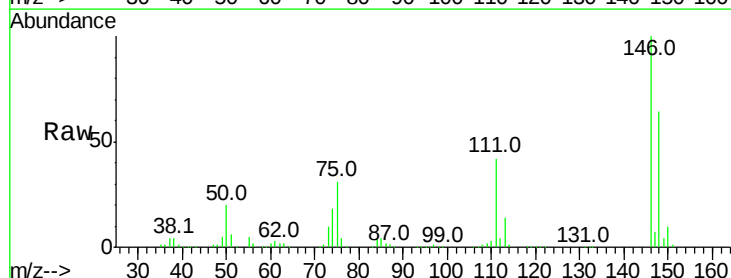
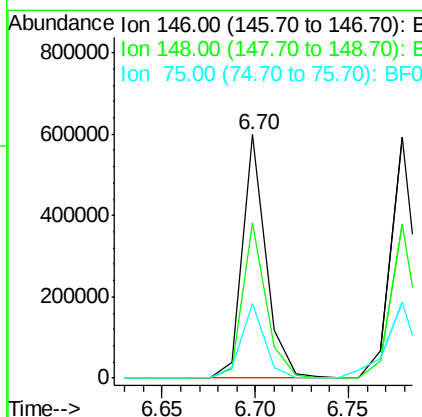
Delta R.T. -0.00 min

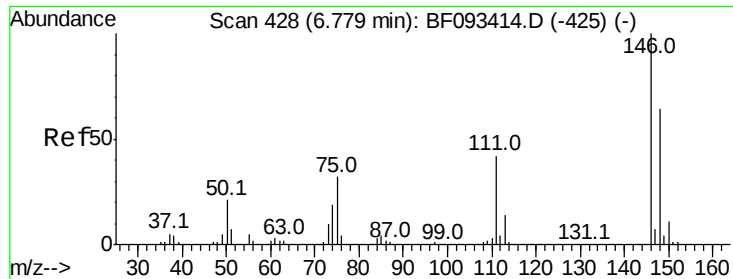
Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Tgt Ion: 146 Resp: 527104

Ion	Ratio	Lower	Upper
146	100		
148	63.6	53.4	80.0
75	30.7	18.5	27.7#





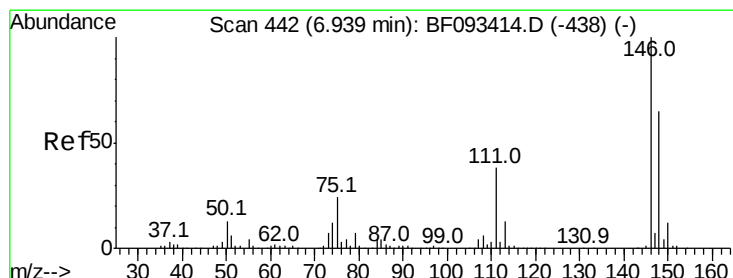
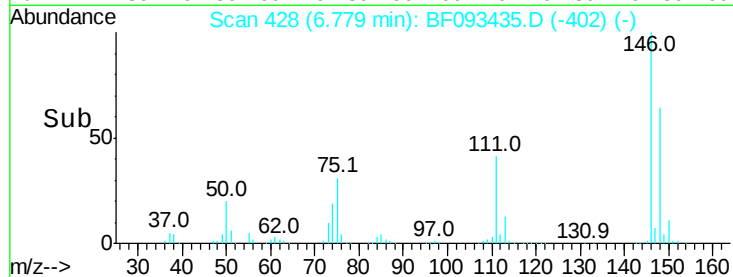
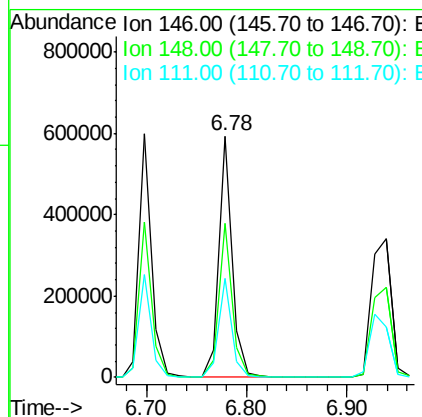
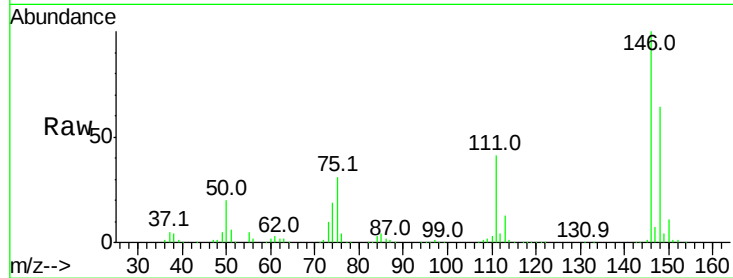
#13
 1,4-Dichlorobenzene
 Concen: 35.50 ng
 RT: 6.78 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: BF093435.D
 Acq: 8 Mar 2017 18:23

Instrument :
 BNA_F
 ClientSampleId :
 PB97426BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.6	76.0
111	41.2	36.2	54.4

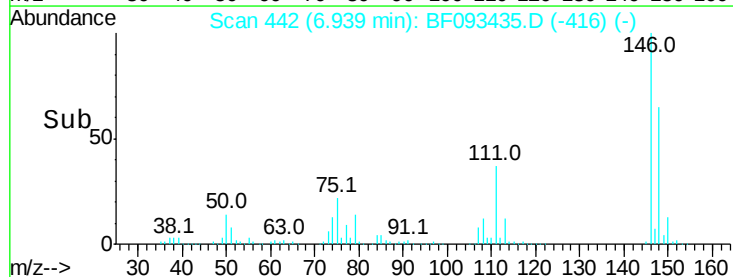
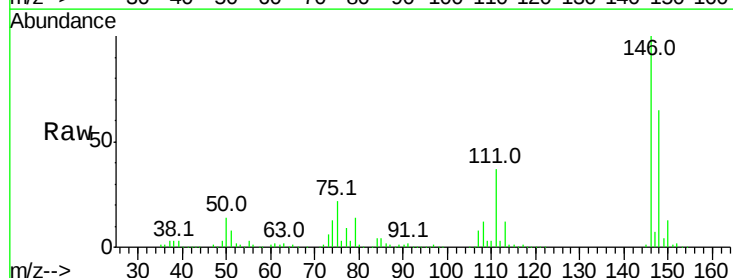
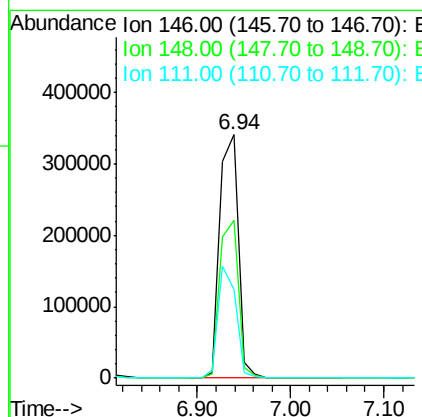
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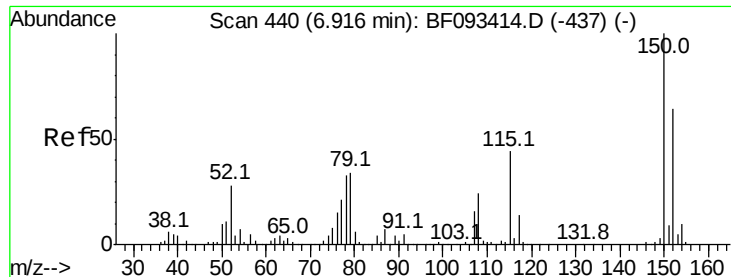
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#14
 1,2-Dichlorobenzene
 Concen: 34.30 ng
 RT: 6.94 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: BF093435.D
 Acq: 8 Mar 2017 18:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.2	78.2
111	36.5	36.2	54.2





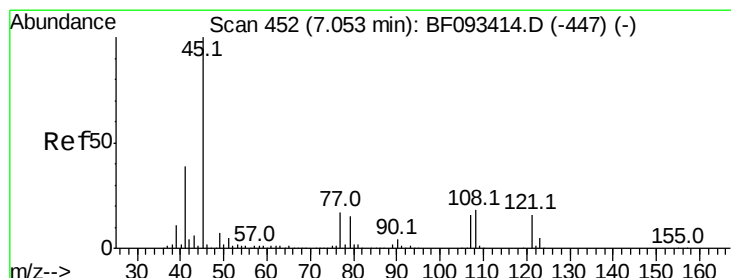
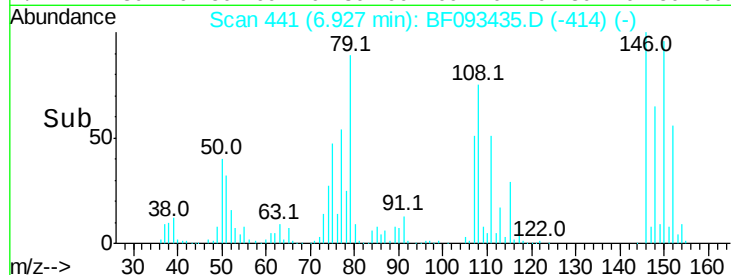
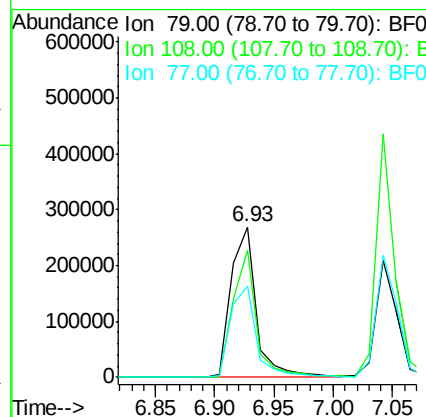
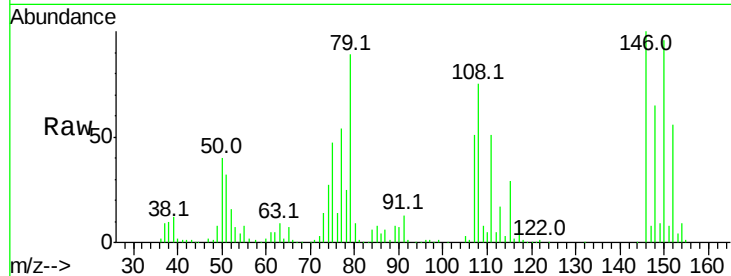
#15
Benzyl Alcohol
Concen: 37.80 ng
RT: 6.93 min Scan# 441
Delta R.T. 0.01 min
Lab File: BF093435.D
Acq: 8 Mar 2017 18:23

Instrument :
BNA_F
ClientSampled :
PB97426BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100	399067		
108	84.7	61.4	92.0	
77	60.7	50.9	76.3	

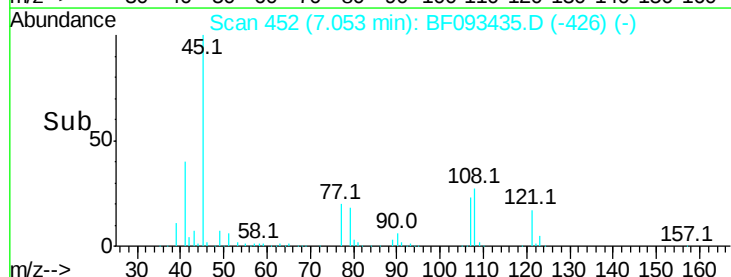
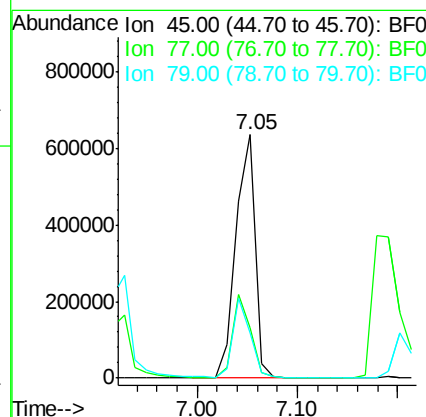
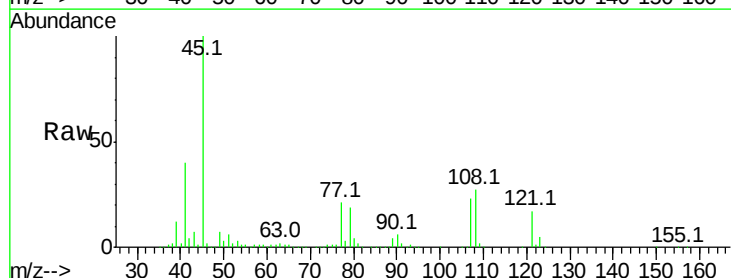
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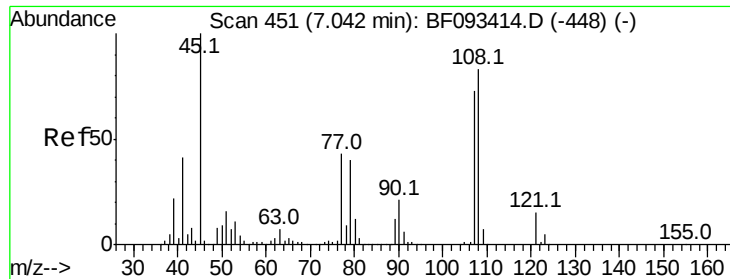
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.67 ng
RT: 7.05 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF093435.D
Acq: 8 Mar 2017 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	844809		
77	20.8	0.0	34.6	
79	18.7	0.0	31.2	





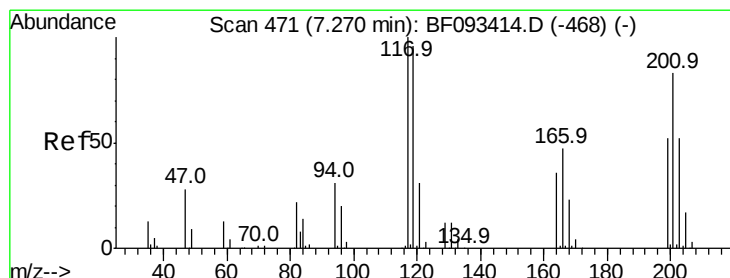
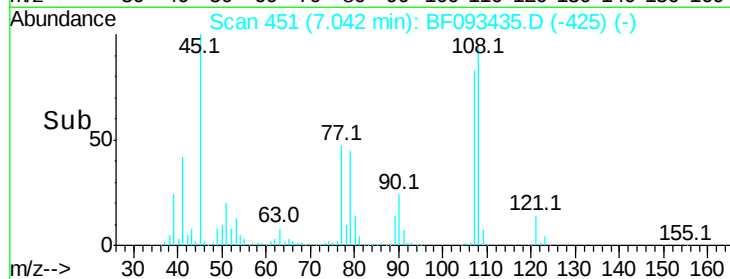
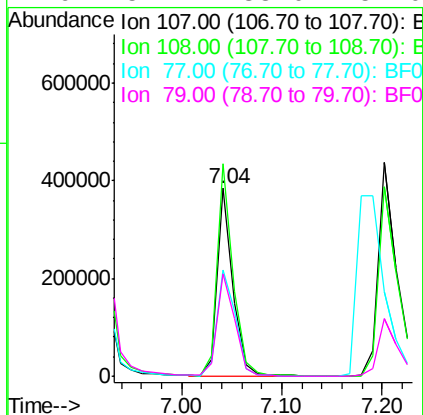
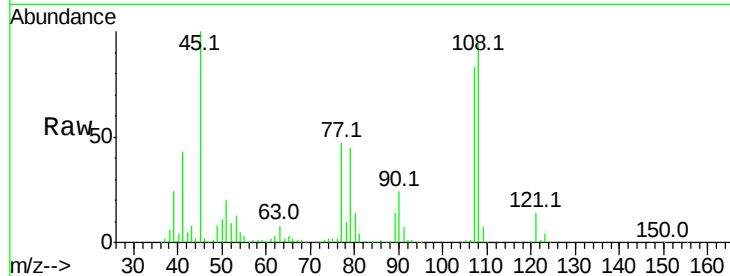
#17
2-Methylphenol
Concen: 37.07 ng
RT: 7.04 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF093435.D
Acq: 8 Mar 2017 18:23

Instrument :
BNA_F
ClientSampleId :
PB97426BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.5	93.0	139.6	
77	56.9	39.8	59.8	
79	54.4	38.0	57.0	

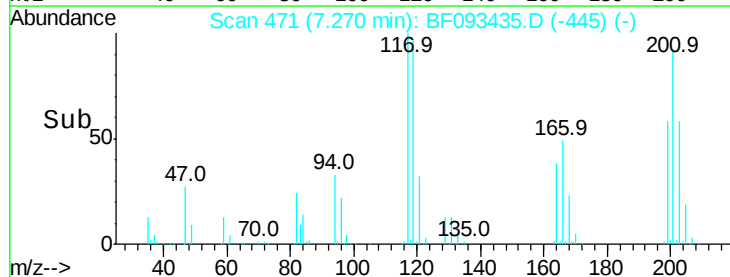
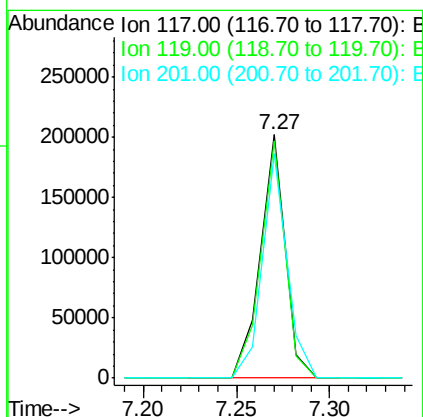
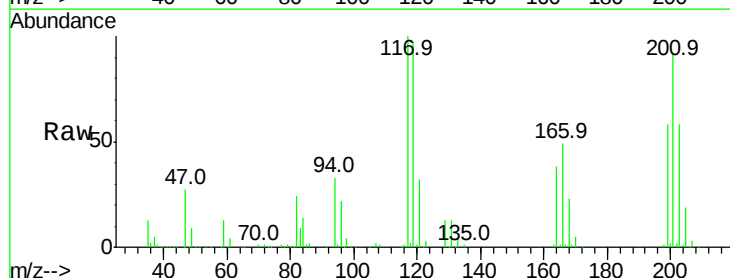
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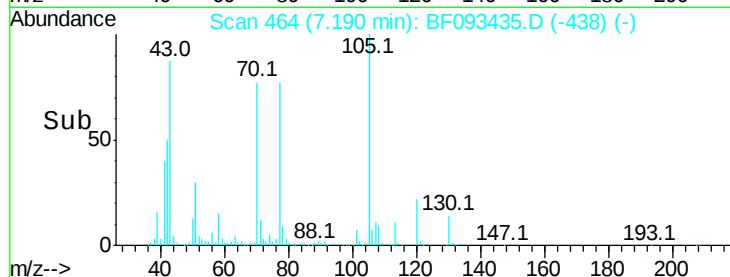
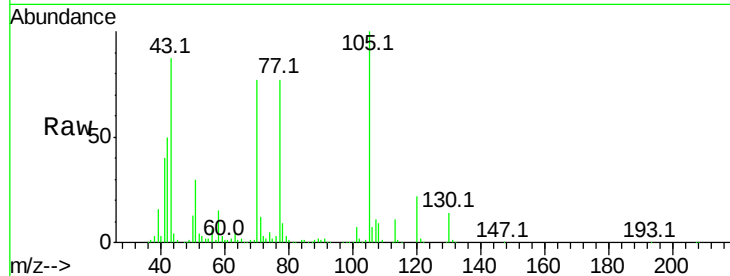
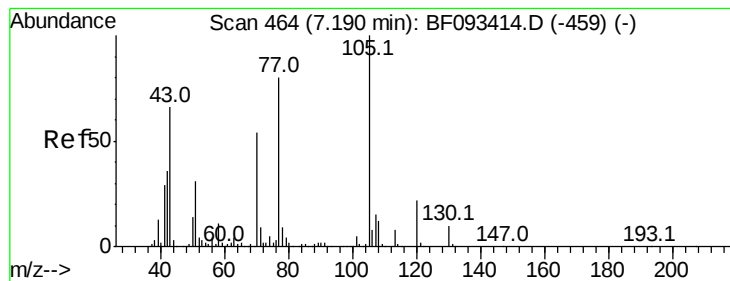
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#18
Hexachloroethane
Concen: 35.54 ng
RT: 7.27 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF093435.D
Acq: 8 Mar 2017 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.2	78.1	117.1	
201	92.1	78.6	117.8	





#19

n-Nitroso-di-n-propylamine

Concen: 38.47 ng

RT: 7.19 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Instrument :

BNA_F

ClientSampleId :

PB97426BS

Tot Ion: 70 Resp: 391718

Ion Ratio Lower Upper

70 100

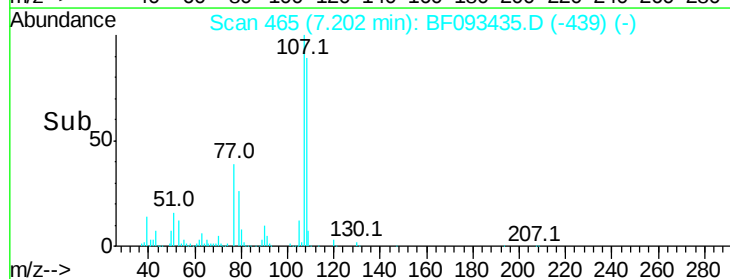
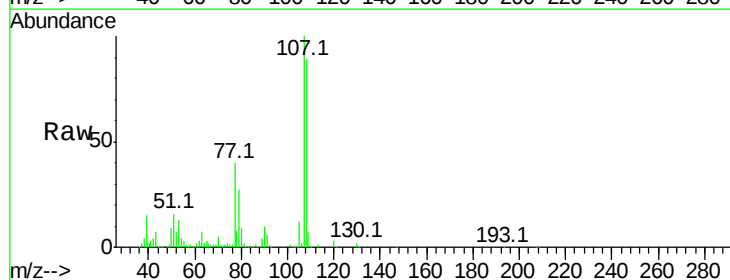
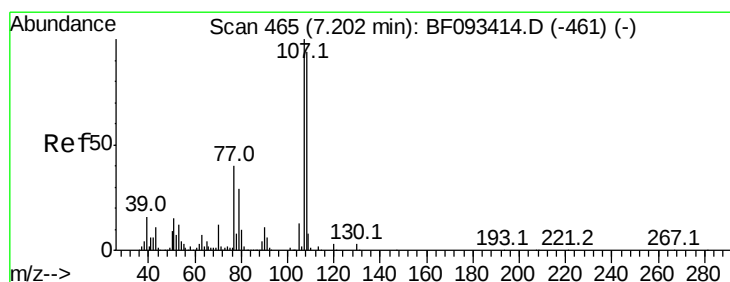
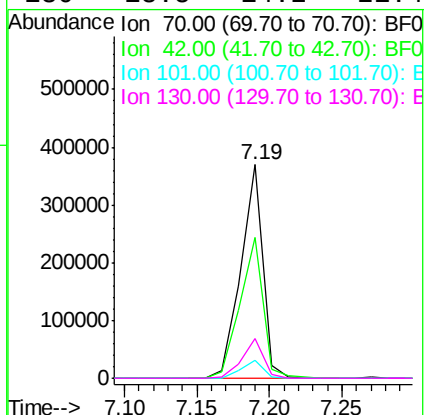
42 65.7 49.4 74.0

101 8.6 7.4 11.2

130 18.5 14.2 21.4

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#20

3+4-Methylphenols

Concen: 39.64 ng

RT: 7.20 min Scan# 465

Delta R.T. -0.00 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Tgt Ion: 107 Resp: 572165

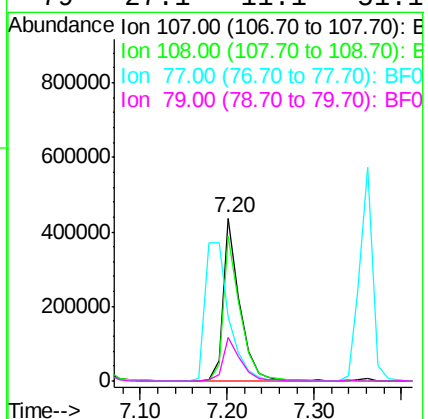
Ion Ratio Lower Upper

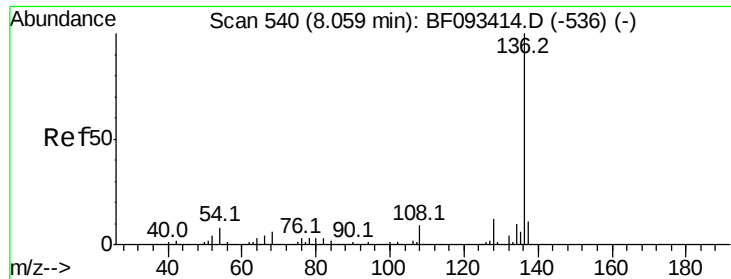
107 100

108 88.7 73.0 113.0

77 39.6 71.3 111.3#

79 27.1 11.1 51.1





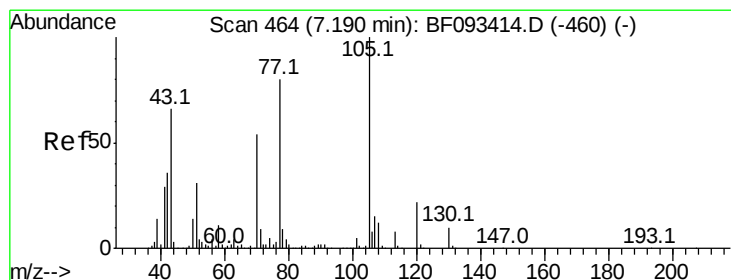
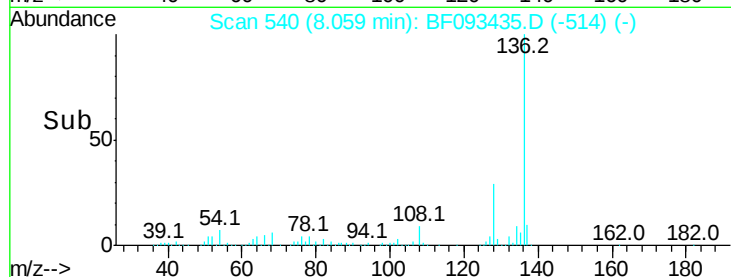
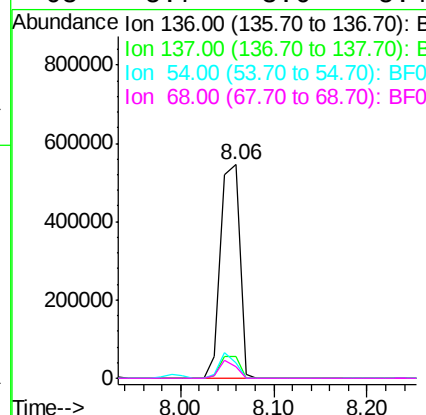
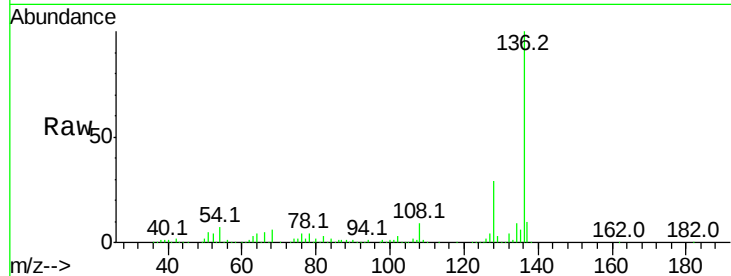
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF093435.D
Acq: 8 Mar 2017 18:23

Instrument :
BNA_F
ClientSampleId :
PB97426BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	778023		
137	10.4		8.4	12.6
54	7.4		4.5	6.7#
68	5.7		3.6	5.4#

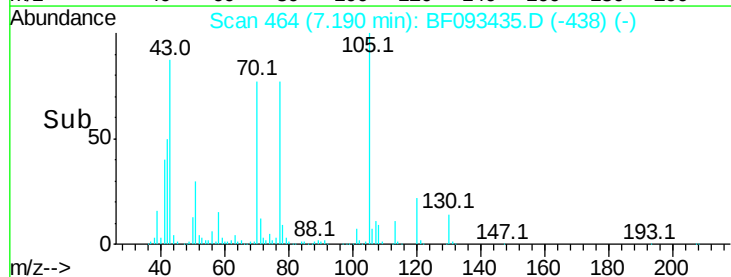
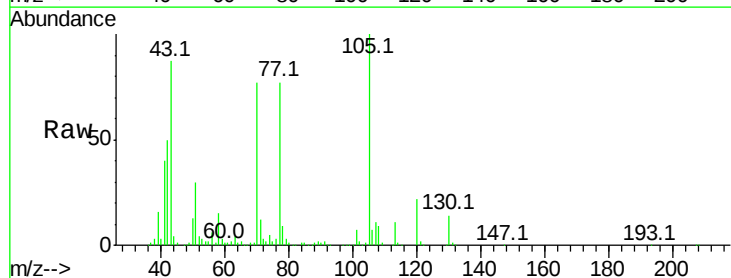
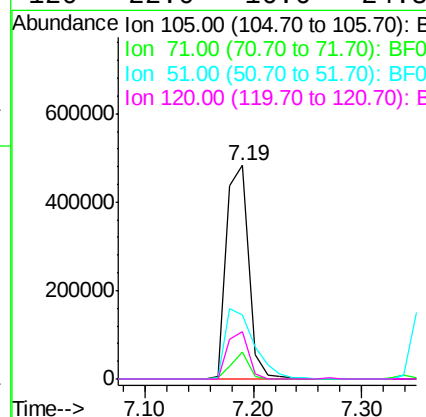
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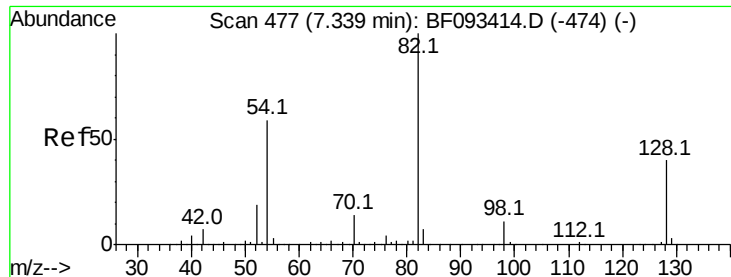
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#22
Acetophenone
Concen: 36.60 ng
RT: 7.19 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF093435.D
Acq: 8 Mar 2017 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	685282		
71	12.3		3.2	4.8#
51	30.1		26.2	39.4
120	22.0		16.6	24.8





#23
 Nitrobenzene-d5
 Concen: 77.74 ng
 RT: 7.34 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF093435.D
 Acq: 8 Mar 2017 18:23

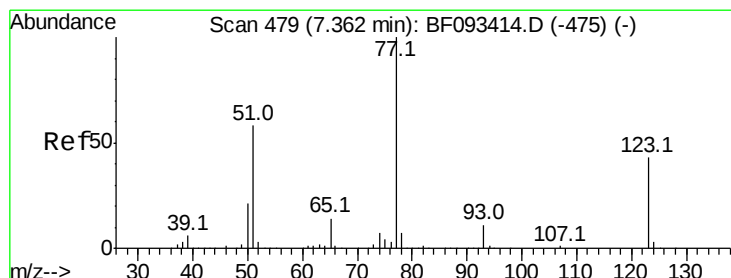
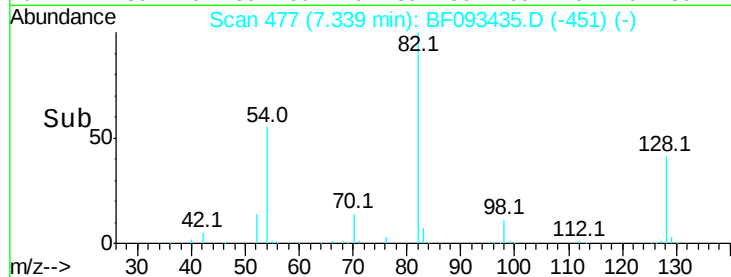
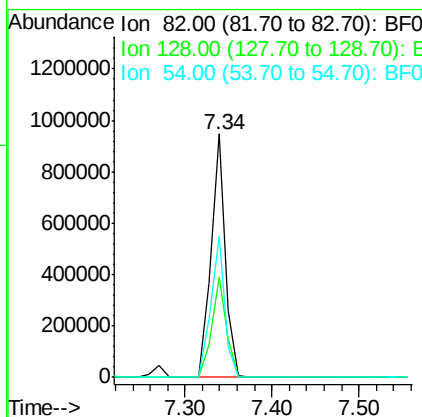
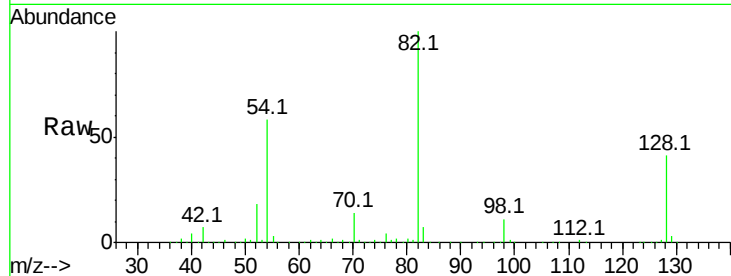
Instrument :
 BNA_F
 ClientSampleId :
 PB97426BS

Tot Ion: 82 Resp: 1090088

Ion	Ratio	Lower	Upper
82	100		
128	40.9	34.6	52.0
54	57.8	39.5	59.3

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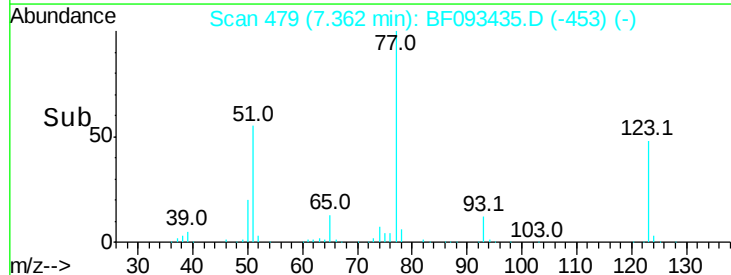
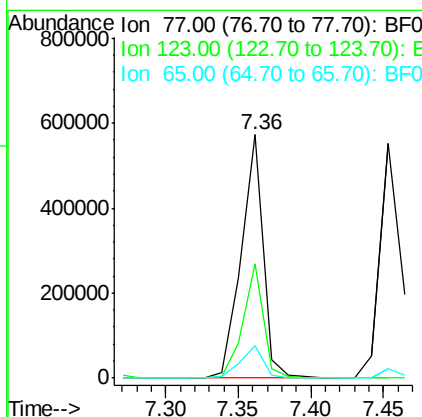
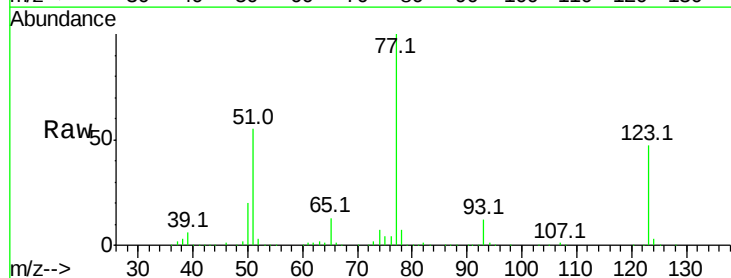
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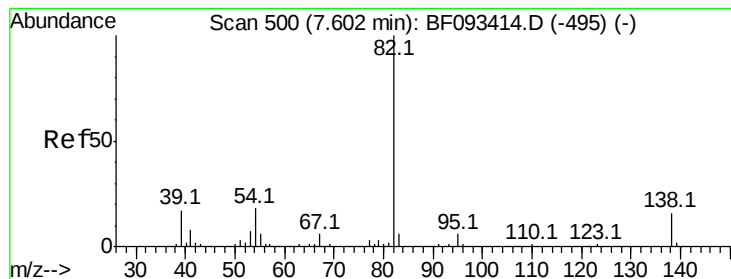


#24
 Nitrobenzene
 Concen: 37.73 ng
 RT: 7.36 min Scan# 479
 Delta R.T. -0.00 min
 Lab File: BF093435.D
 Acq: 8 Mar 2017 18:23

Tgt Ion: 77 Resp: 594576

Ion	Ratio	Lower	Upper
77	100		
123	47.0	33.0	49.4
65	13.3	11.2	16.8





#25

Isophorone

Concen: 37.84 ng

RT: 7.60 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Instrument :

BNA_F

ClientSampleId :

PB97426BS

Tot Ion: 82 Resp: 1069863

Ion Ratio Lower Upper

82 100

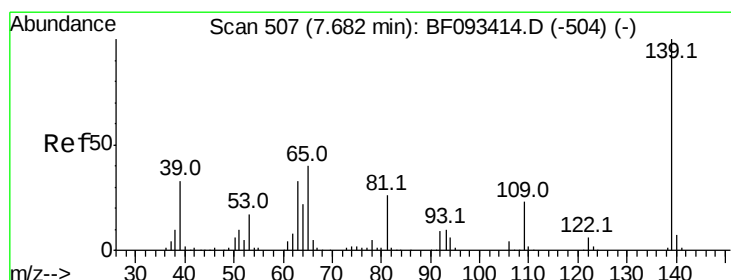
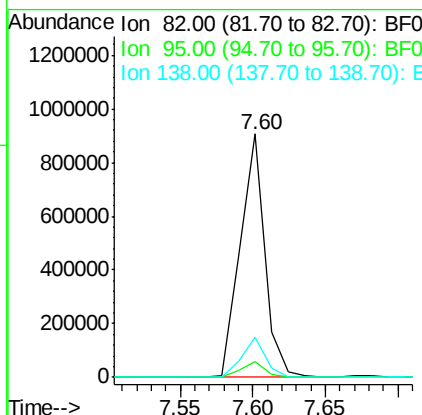
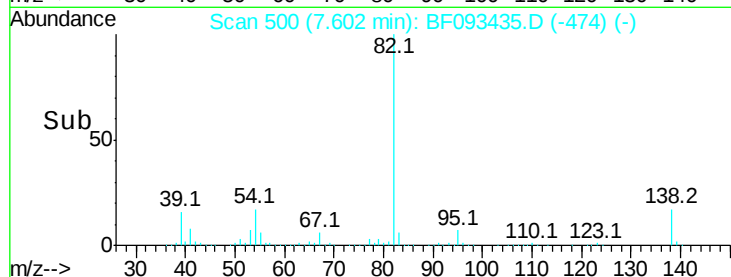
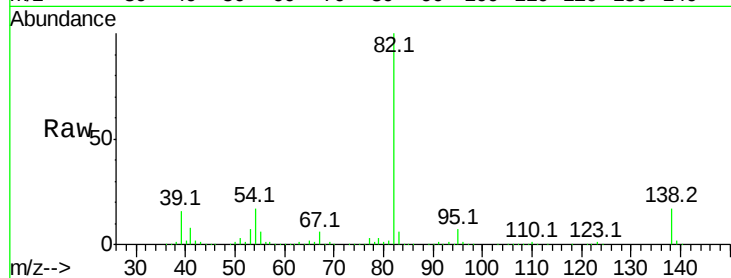
95 6.5 5.6 8.4

138 16.6 14.6 22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.14 ng

RT: 7.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

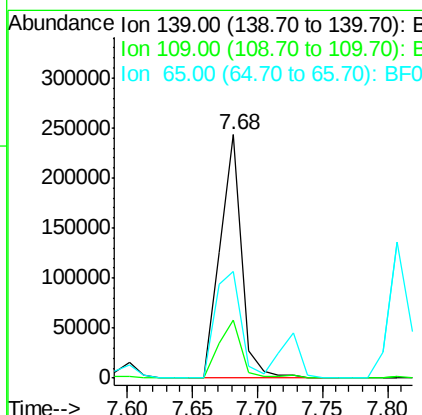
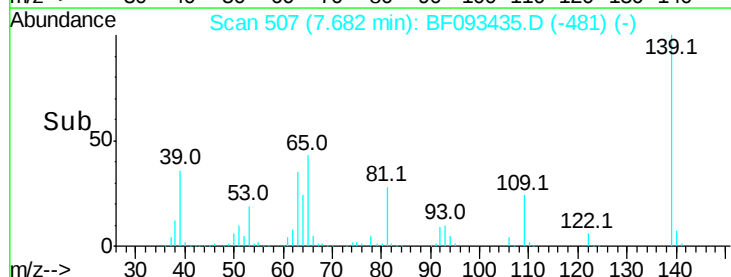
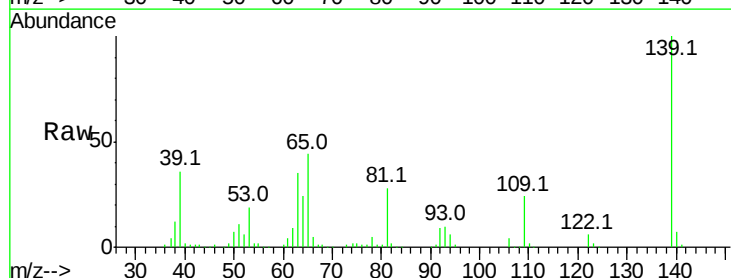
Tgt Ion: 139 Resp: 281449

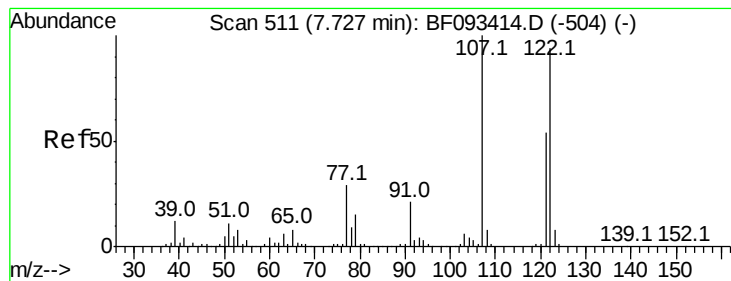
Ion Ratio Lower Upper

139 100

109 24.0 23.3 34.9

65 43.6 42.7 64.1





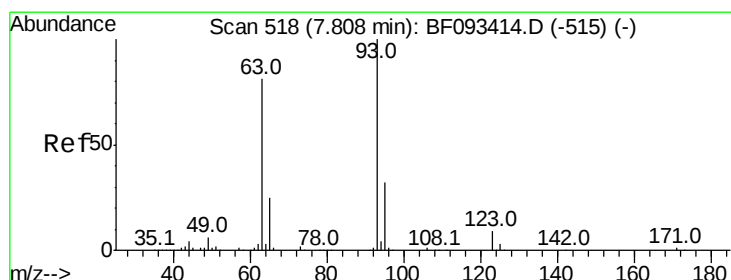
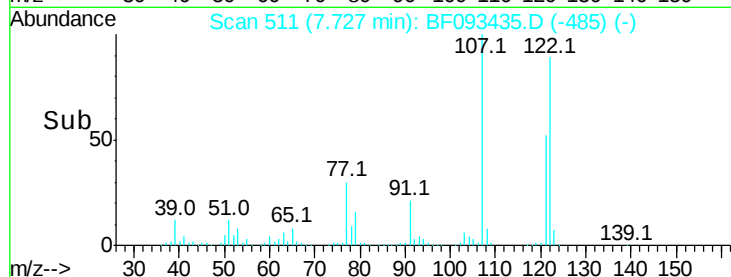
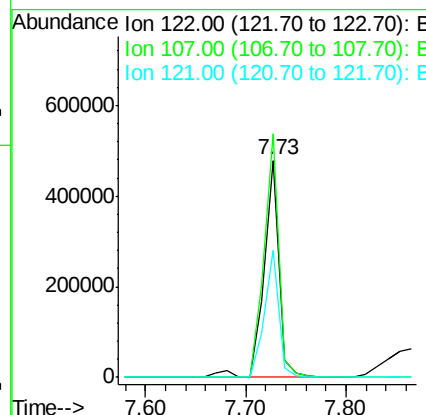
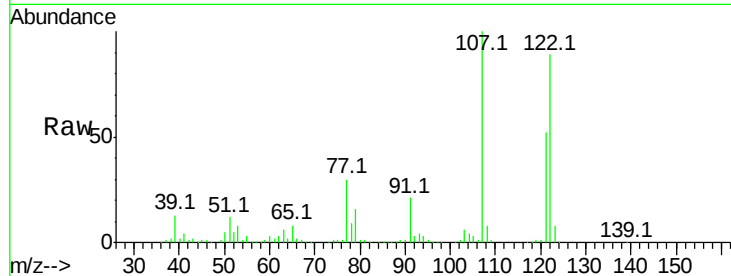
#27
 2,4-Dimethylphenol
 Concen: 42.43 ng
 RT: 7.73 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF093435.D
 Acq: 8 Mar 2017 18:23

Instrument :
 BNA_F
 ClientSampleId :
 PB97426BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.3	94.1	141.1
121	58.5	46.0	69.0

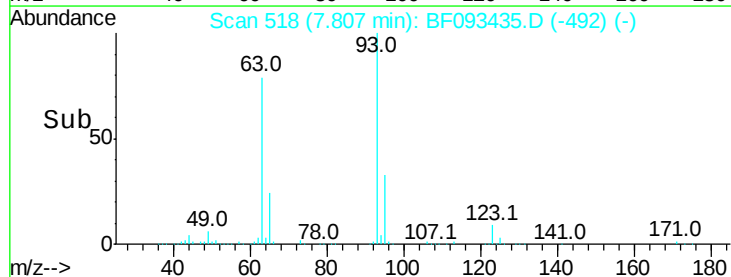
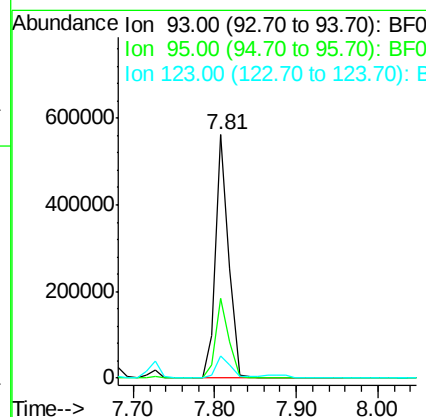
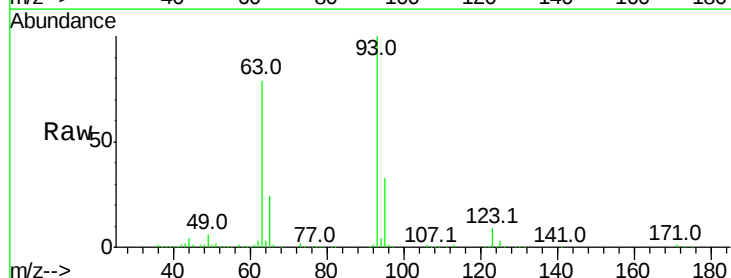
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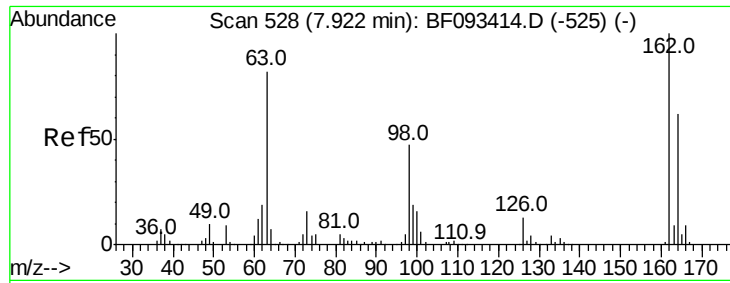
mohammad
 3/10/2017 8:11:44 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.82 ng
 RT: 7.81 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: BF093435.D
 Acq: 8 Mar 2017 18:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.5	39.7
123	9.0	8.6	13.0





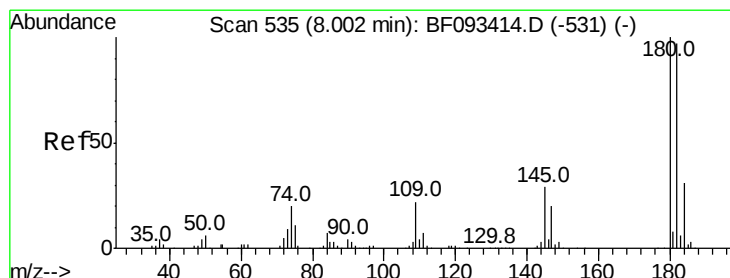
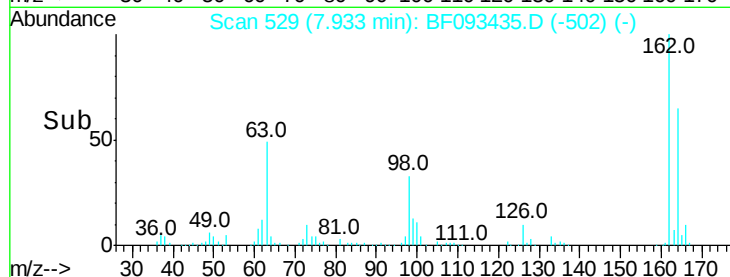
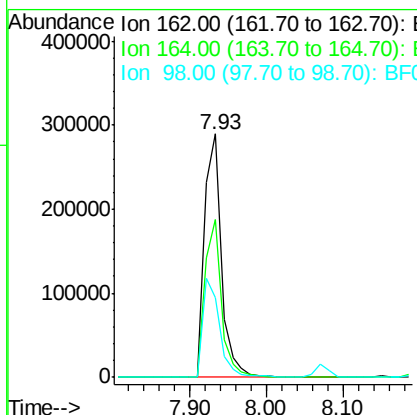
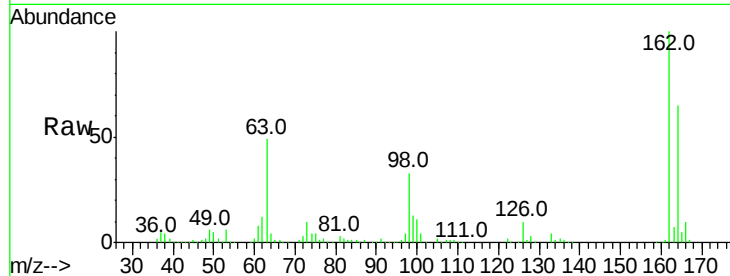
#29
 2,4-Dichlorophenol
 Concen: 39.63 ng
 RT: 7.93 min Scan# 529
 Delta R.T. 0.01 min
 Lab File: BF093435.D
 Acq: 8 Mar 2017 18:23

Instrument :
 BNA_F
 ClientSampleId :
 PB97426BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	436102		
164	65.0	46.8	86.8	
98	33.0	9.1	49.1	

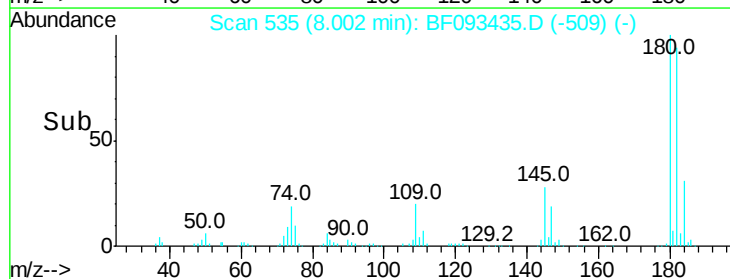
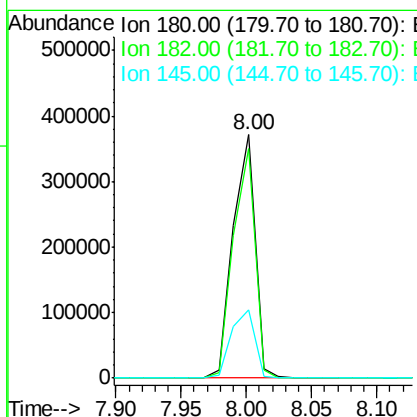
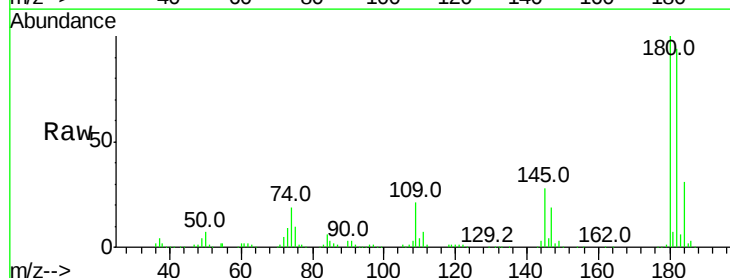
Manual Integrations
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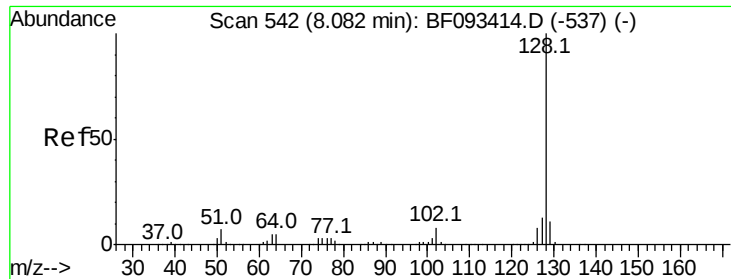
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.08 ng
 RT: 8.00 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: BF093435.D
 Acq: 8 Mar 2017 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	433971		
182	94.4	78.2	117.4	
145	28.2	21.6	32.4	





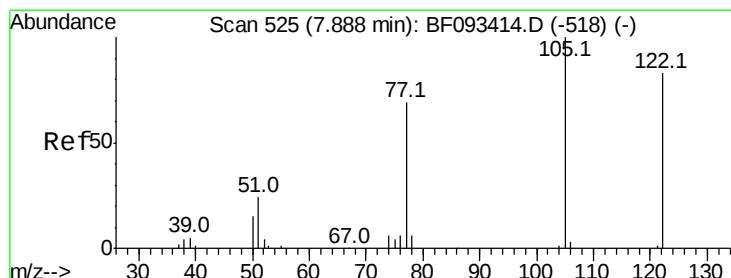
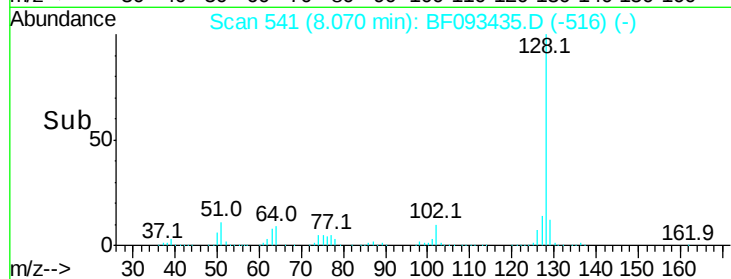
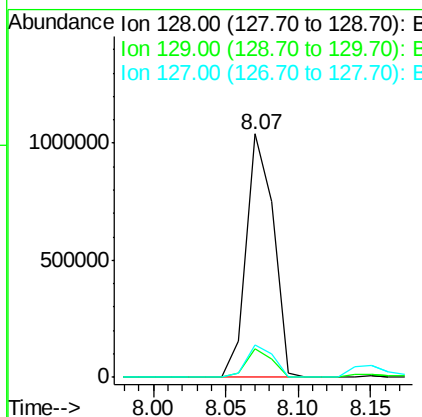
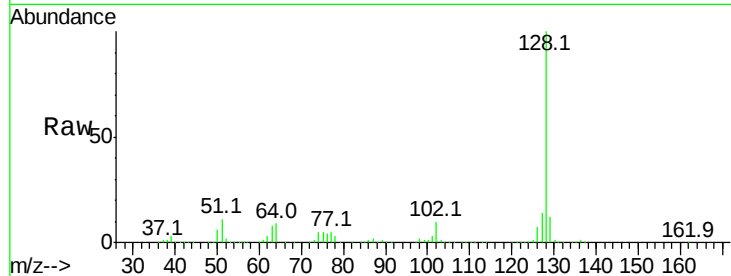
#31
Naphthalene
Concen: 34.66 ng
RT: 8.07 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF093435.D
Acq: 8 Mar 2017 18:23

Instrument :
BNA_F
ClientSampleId :
PB97426BS

Tot Ion:128 Resp: 1351252
Ion Ratio Lower Upper
128 100
129 11.7 9.5 14.3
127 13.5 10.8 16.2

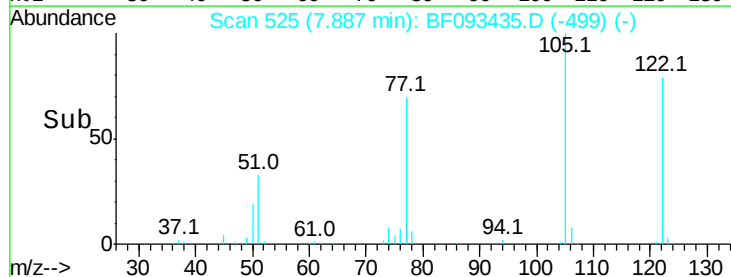
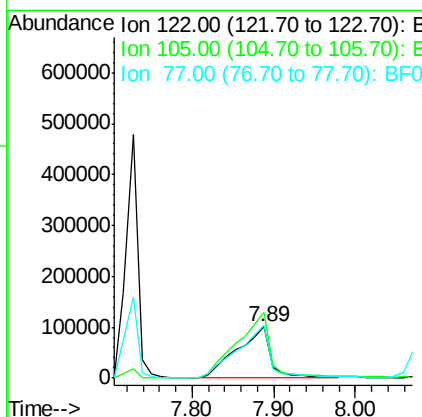
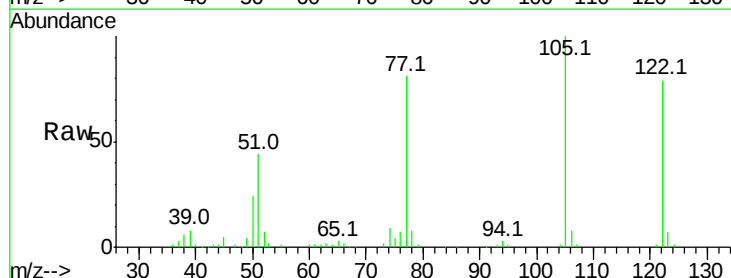
Manual Integrations
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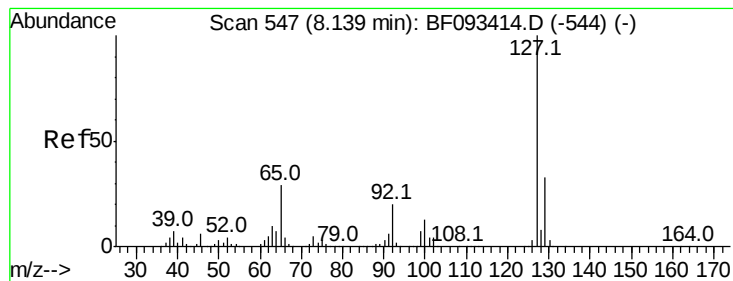
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#32
Benzoic acid
Concen: 47.17 ng
RT: 7.89 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF093435.D
Acq: 8 Mar 2017 18:23

Tgt Ion:122 Resp: 286713
Ion Ratio Lower Upper
122 100
105 126.6 107.2 147.2
77 102.4 74.5 114.5





#33

4-Chloroaniline

Concen: 6.92 ng

RT: 8.15 min Scan# 548

Delta R.T. 0.01 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Instrument :

BNA_F

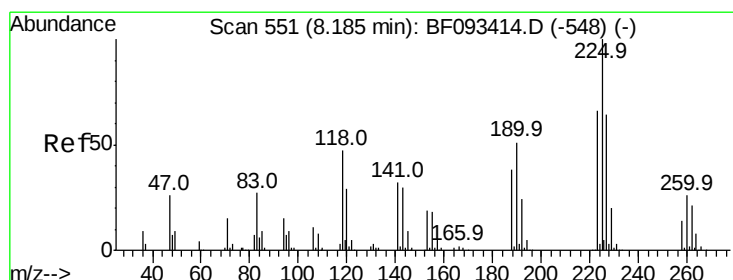
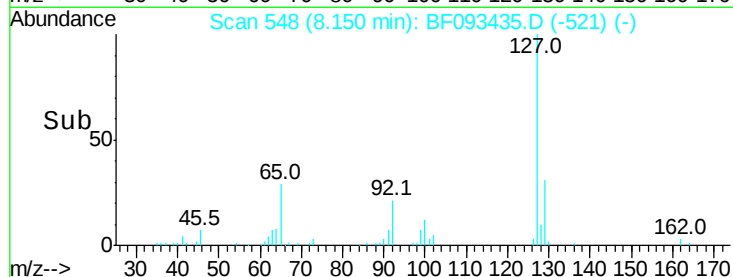
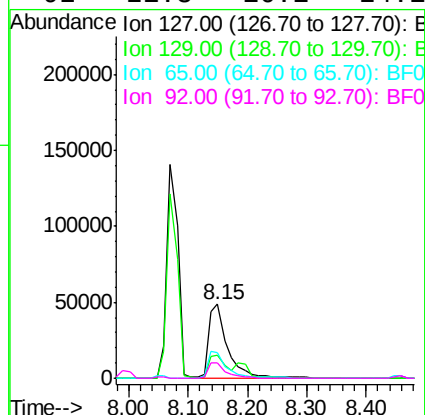
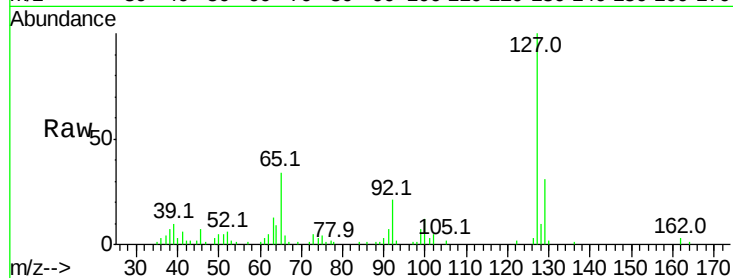
ClientSampleId :

PB97426BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.7	26.3	39.5	
65	33.9	25.8	38.8	
92	21.3	16.1	24.1	

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#34

Hexachlorobutadiene

Concen: 35.01 ng

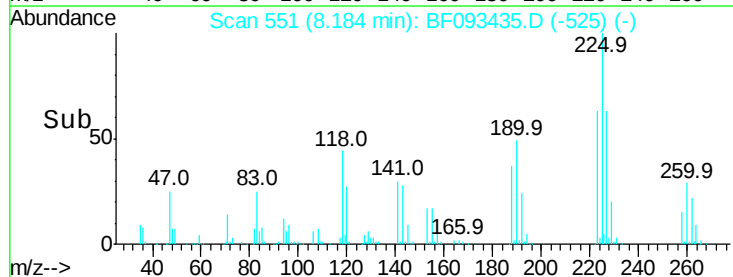
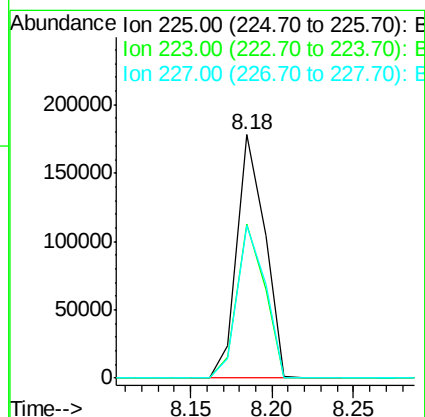
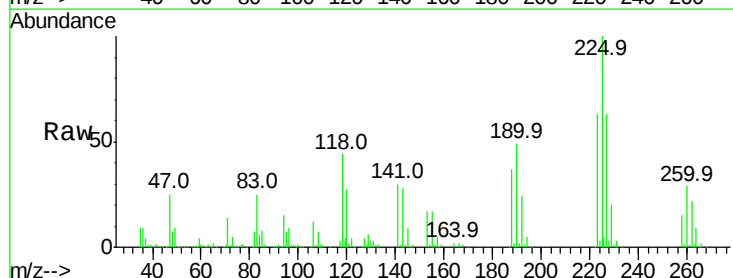
RT: 8.18 min Scan# 551

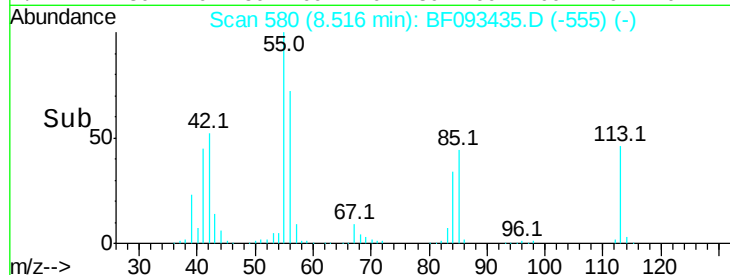
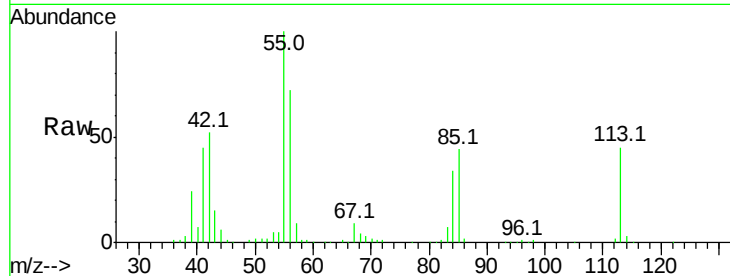
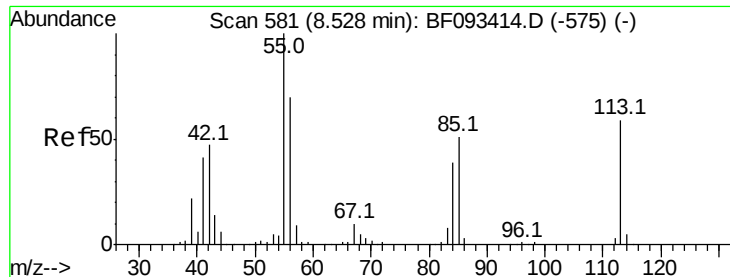
Delta R.T. -0.00 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.4	51.0	76.6	
227	62.7	50.6	76.0	





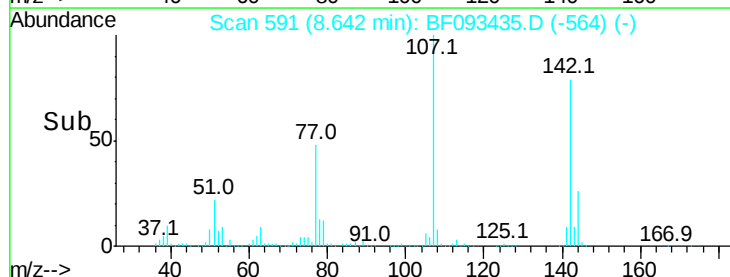
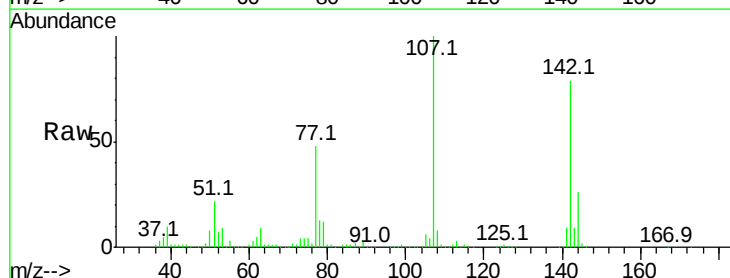
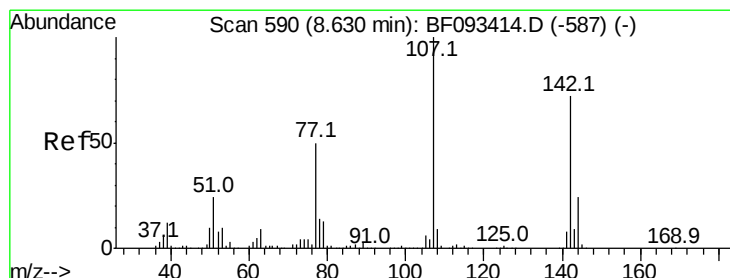
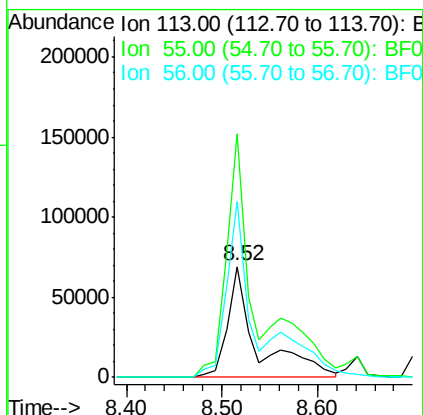
#35
Caprolactam
Concen: 39.95 ng/ml
RT: 8.52 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF093435.D
Acq: 8 Mar 2017 18:23

Tot Ion	Ratio	Lower	Upper
113	100		
55	219.9	119.2	159.2#
56	158.8	83.8	123.8#

Instrument :
BNA_F
ClientSampleID :
PB97426BS

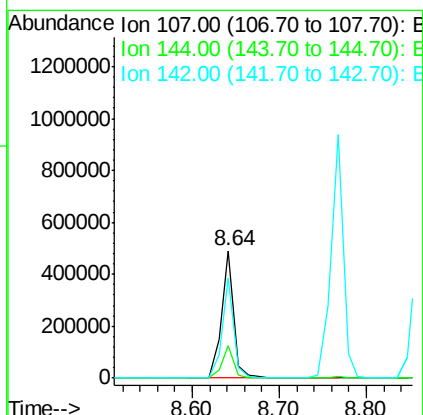
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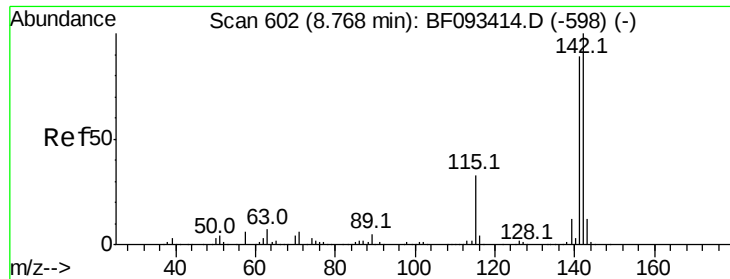
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#36
4-Chloro-3-methylphenol
Concen: 41.51 ng
RT: 8.64 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF093435.D
Acq: 8 Mar 2017 18:23

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.8	19.3	28.9
142	78.8	59.0	88.6





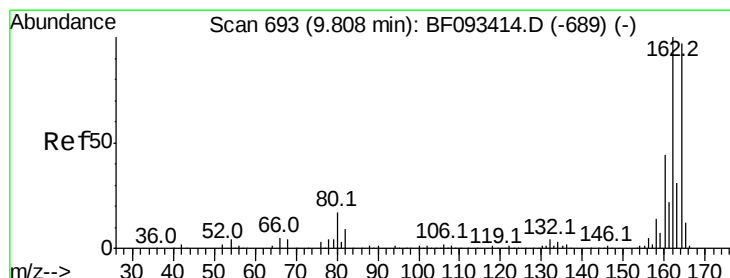
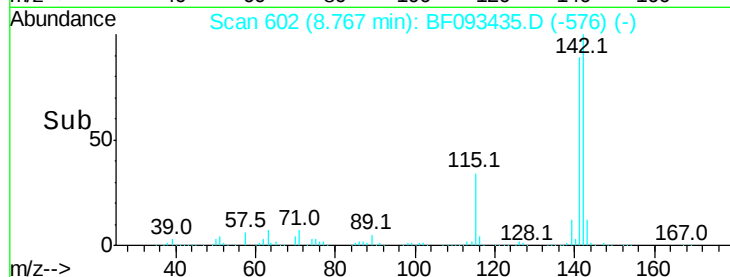
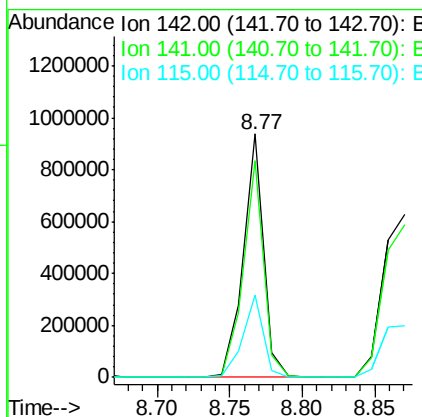
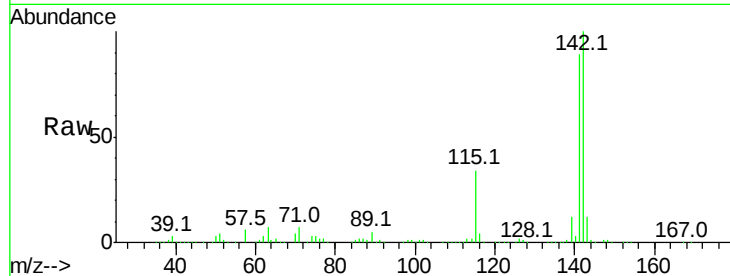
#37
2-Methylnaphthalene
Concen: 36.94 ng
RT: 8.77 min Scan# 602
Delta R.T. -0.00 min
Lab File: BF093435.D
Acq: 8 Mar 2017 18:23

Instrument :
BNA_F
ClientSampleId :
PB97426BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.0	106.6
115	33.6	28.3	42.5

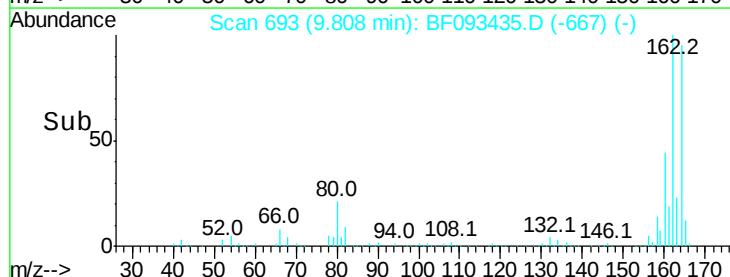
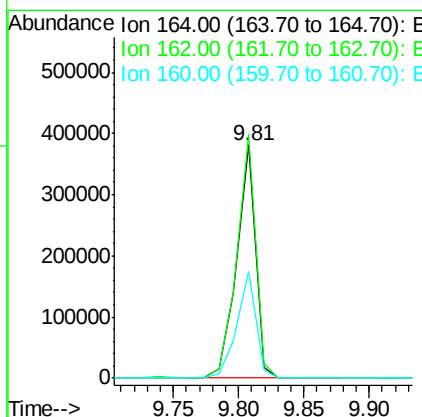
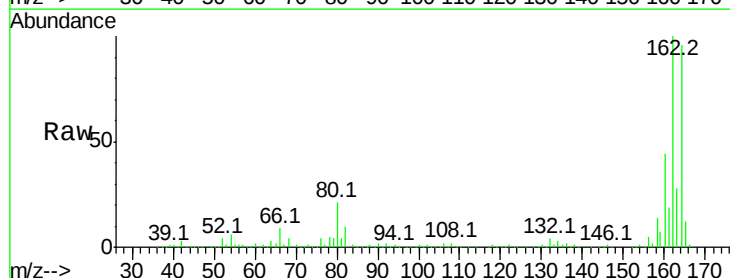
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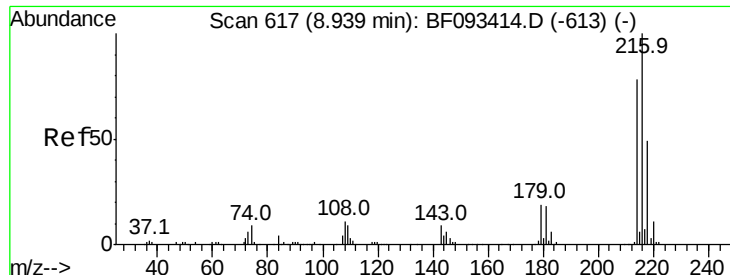
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF093435.D
Acq: 8 Mar 2017 18:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	80.2	120.2
160	45.7	36.9	55.3





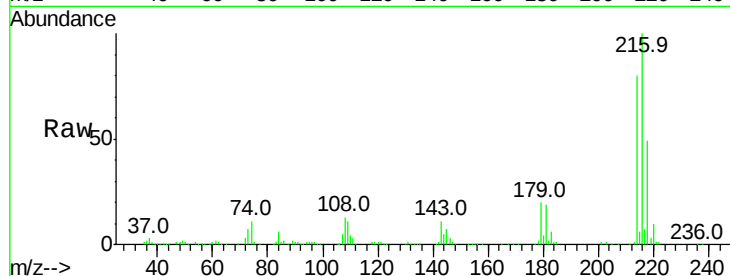
#39
1,2,4,5-Tetrachlorobenzene
Concen: 39.53 ng
RT: 8.94 min Scan# 617
Delta R.T. -0.00 min
Lab File: BF093435.D
Acq: 8 Mar 2017 18:23

Instrument :
BNA_F
ClientSampleId :
PB97426BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.8	63.4	95.0
179	21.4	17.4	26.2
108	19.8	15.6	23.4

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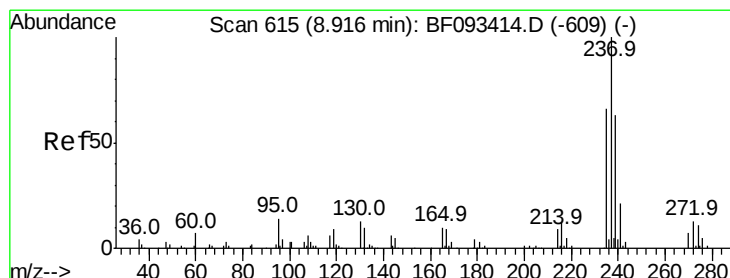
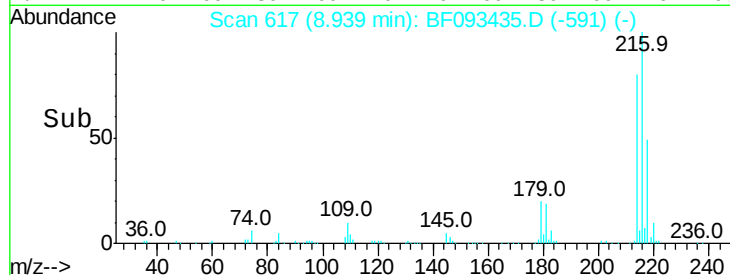
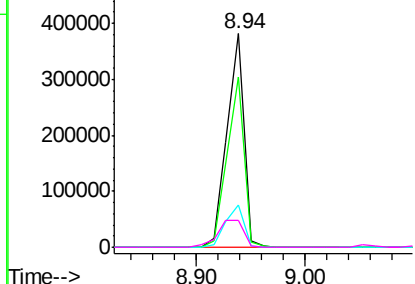
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

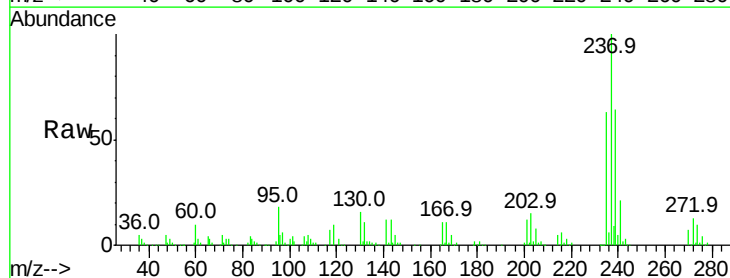
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
Hexachlorocyclopentadiene
Concen: 83.64 ng
RT: 8.92 min Scan# 615
Delta R.T. -0.00 min
Lab File: BF093435.D
Acq: 8 Mar 2017 18:23

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.5	41.2	81.2
272	12.7	0.0	35.4

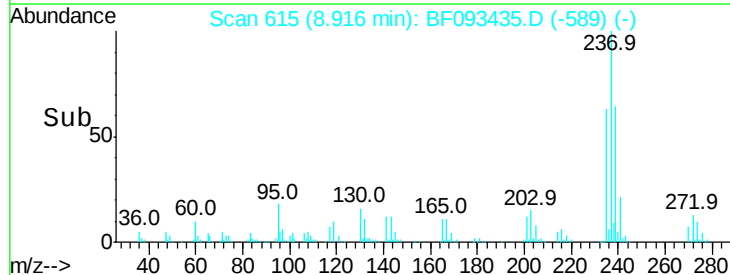
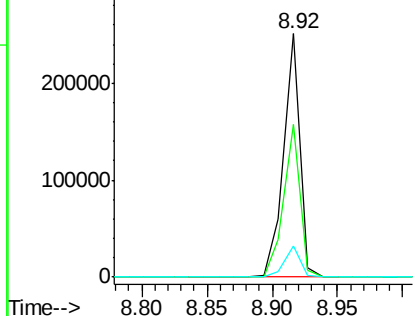


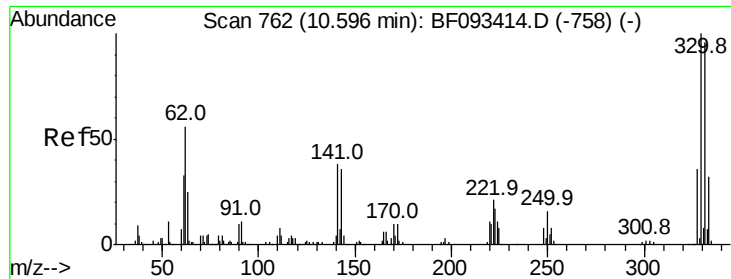
Abundance

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





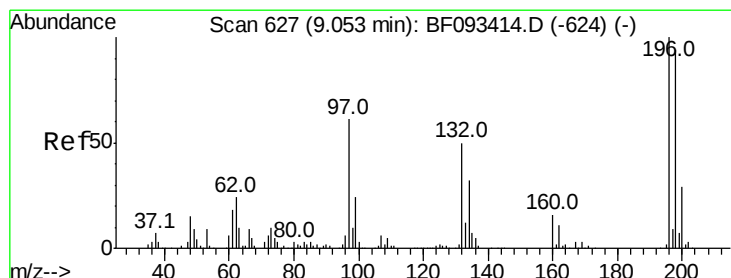
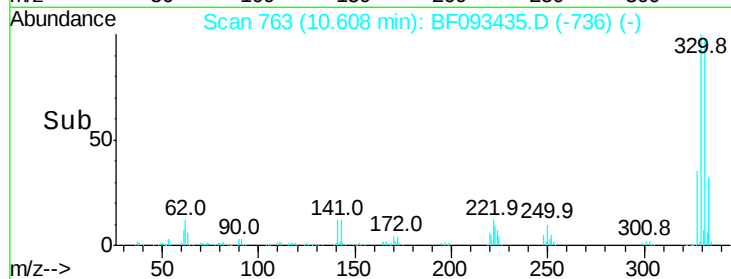
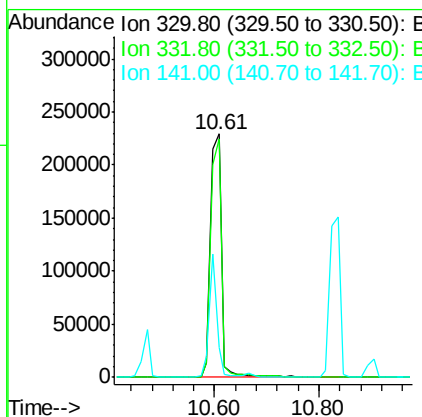
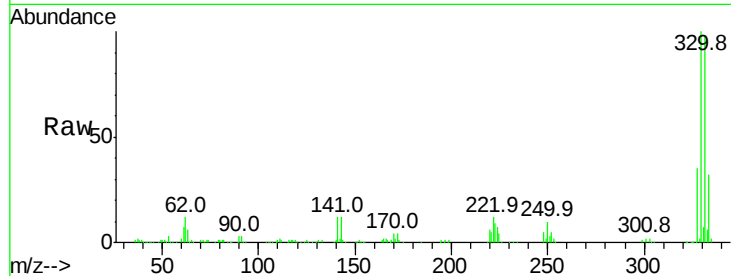
#41
 2,4,6-Tribromophenol
 Concen: 136.74 ng
 RT: 10.61 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BF093435.D
 Acq: 8 Mar 2017 18:23

Instrument :
 BNA_F
 ClientSampleId :
 PB97426BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.4	77.4	116.2	
141	35.0	34.1	51.1	

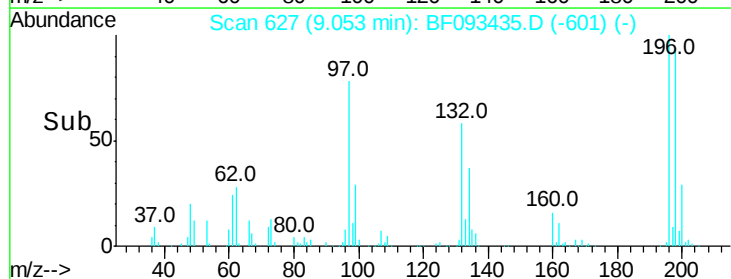
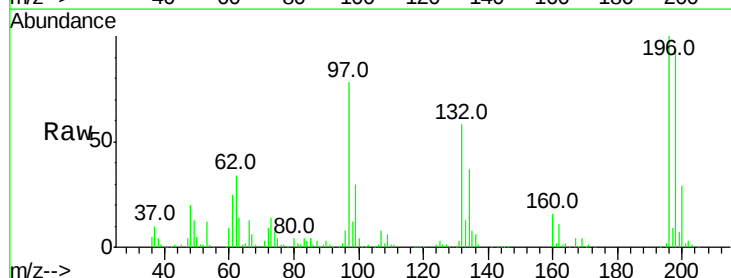
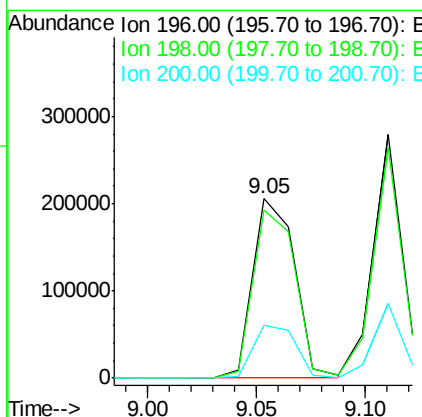
Manual Integrations
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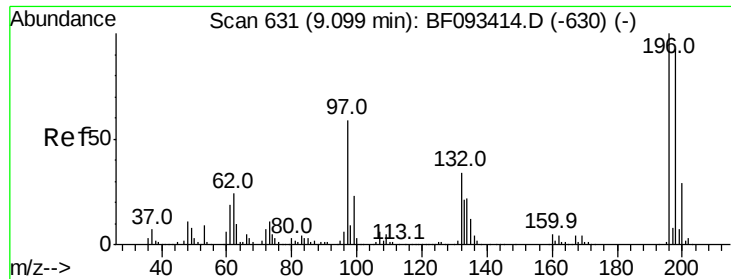
mohammad
 3/10/2017 8:11:44 AM



#42
 2,4,6-Trichlorophenol
 Concen: 42.39 ng
 RT: 9.05 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF093435.D
 Acq: 8 Mar 2017 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	93.9	82.1	123.1	
200	29.2	27.0	40.4	





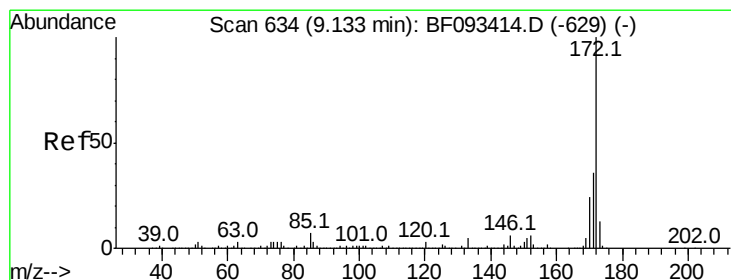
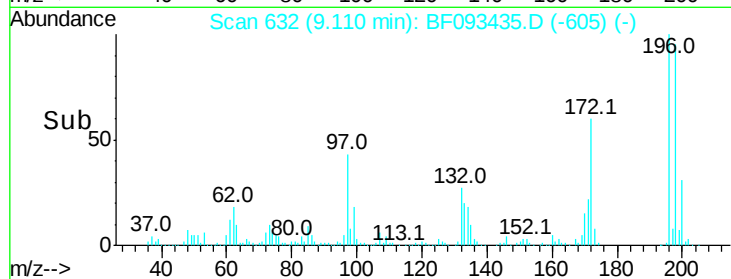
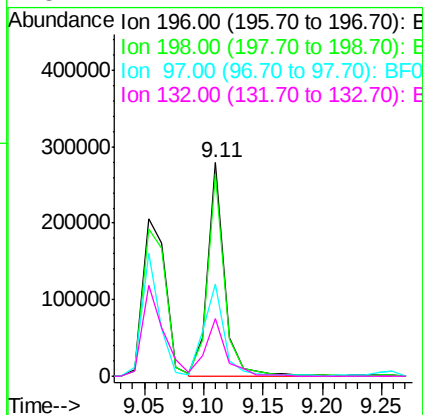
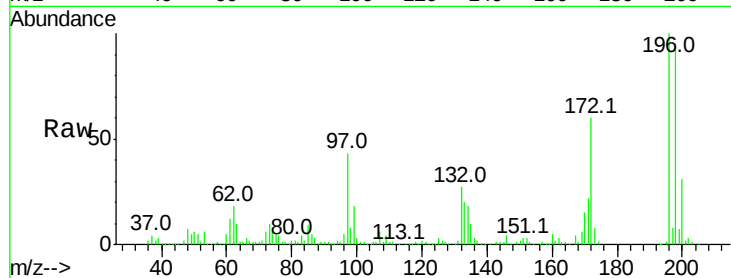
#43
 2,4,5-Trichlorophenol
 Concen: 39.34 ng
 RT: 9.11 min Scan# 632
 Delta R.T. 0.01 min
 Lab File: BF093435.D
 Acq: 8 Mar 2017 18:23

Instrument :
 BNA_F
 ClientSampleId :
 PB97426BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	274853		
198	94.9	79.4	119.2	
97	42.9	51.5	77.3	
132	27.2	27.4	41.2	

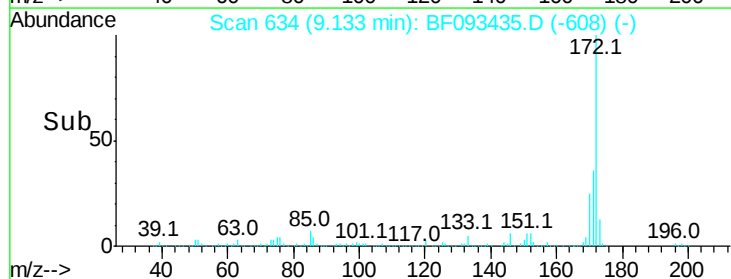
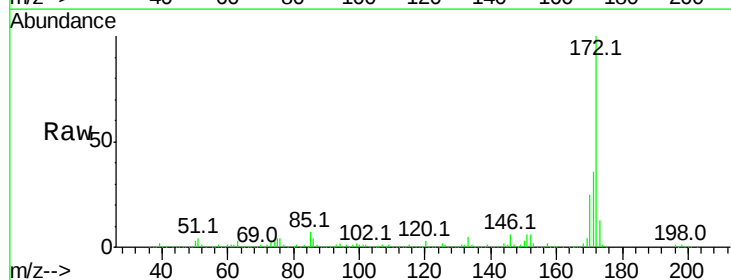
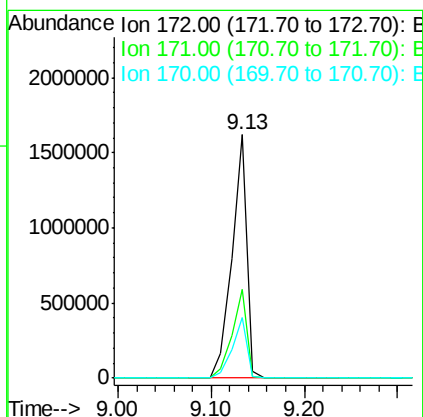
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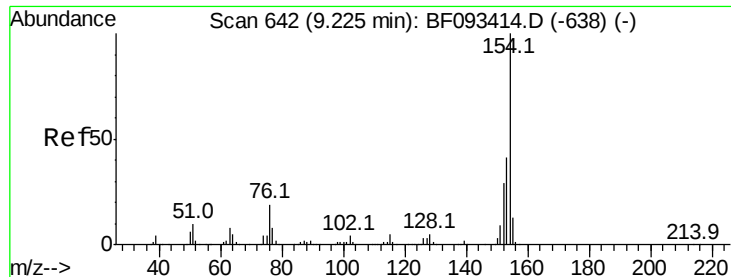
mohammad
 3/10/2017 8:11:44 AM



#44
 2-Fluorobiphenyl
 Concen: 88.45 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF093435.D
 Acq: 8 Mar 2017 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1814882		
171	36.3	29.4	44.0	
170	24.7	20.2	30.4	





#45

1,1'-Biphenyl

Concen: 39.94 ng

RT: 9.24 min Scan# 643

Delta R.T. 0.01 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Instrument :

BNA_F

ClientSampled :

PB97426BS

Tot Ion:154 Resp: 1110483

Ion Ratio Lower Upper

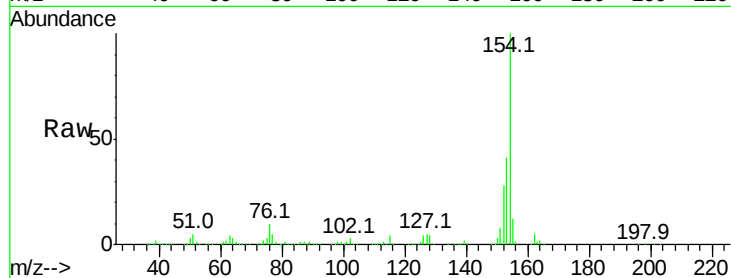
154 100

153 40.5 20.9 60.9

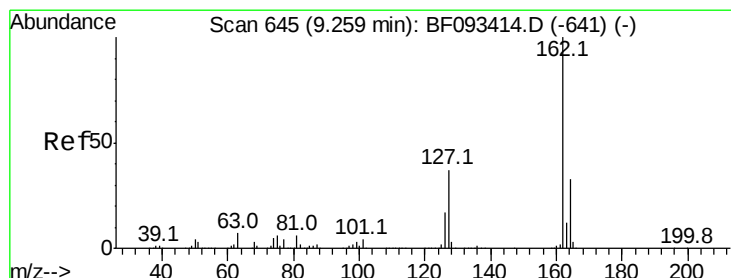
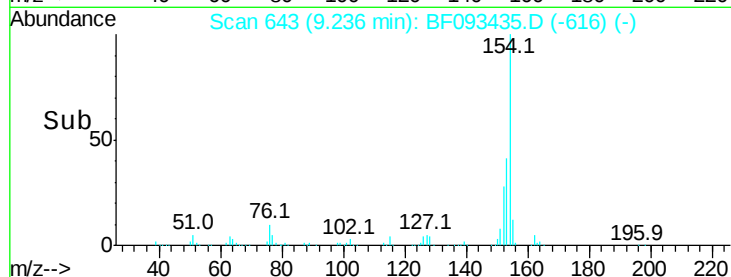
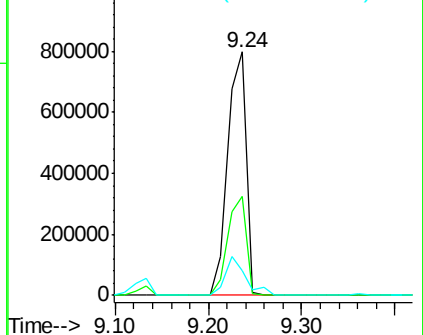
76 10.2 0.0 30.5

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.47 ng

RT: 9.26 min Scan# 645

Delta R.T. -0.00 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

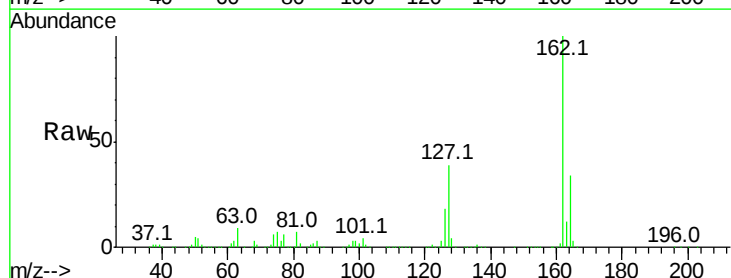
Tgt Ion:162 Resp: 903943

Ion Ratio Lower Upper

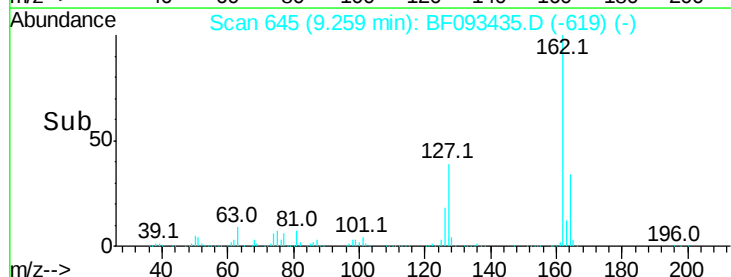
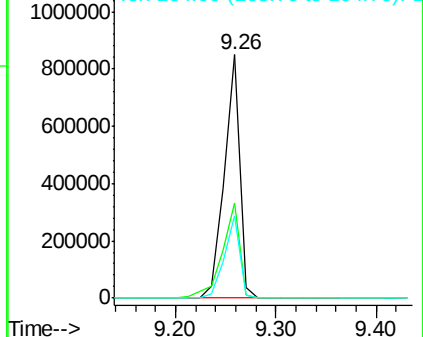
162 100

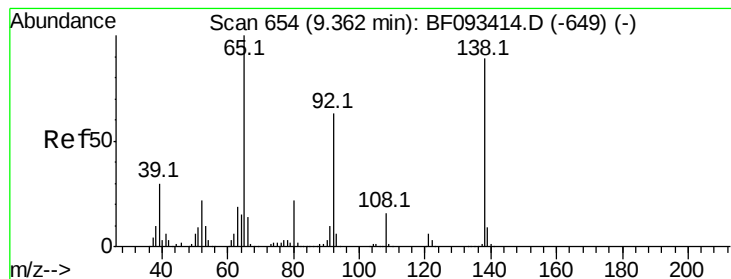
127 39.1 30.7 46.1

164 33.7 27.6 41.4



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





#47

2-Nitroaniline

Concen: 39.48 ng

RT: 9.36 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Instrument :

BNA_F

ClientSampleId :

PB97426BS

Tot Ion: 65 Resp: 297061

Ion Ratio Lower Upper

65 100

92 62.2 53.9 80.9

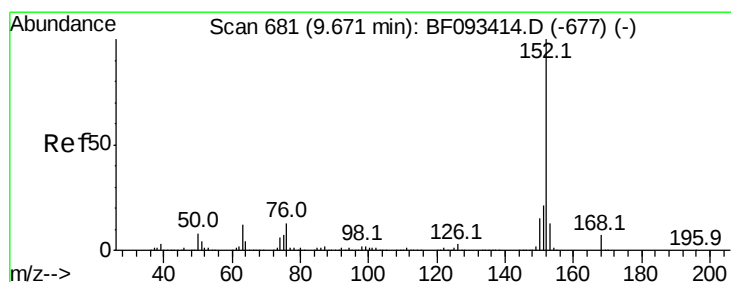
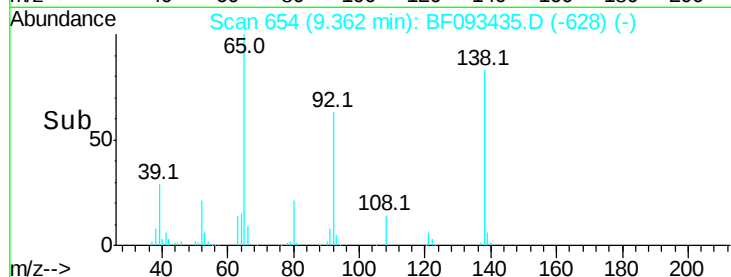
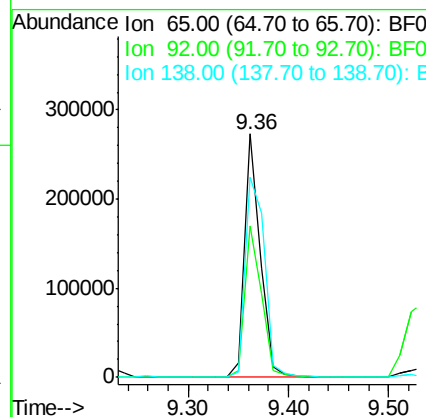
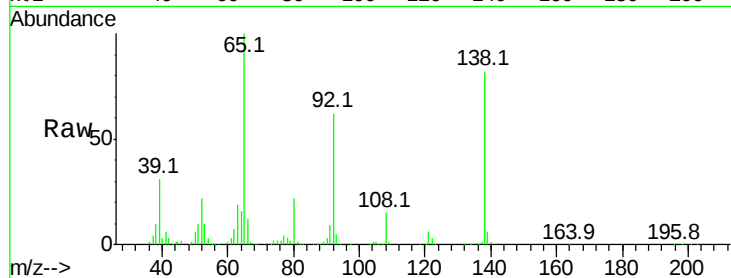
138 82.3 76.8 115.2

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#48

Acenaphthylene

Concen: 39.06 ng

RT: 9.67 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

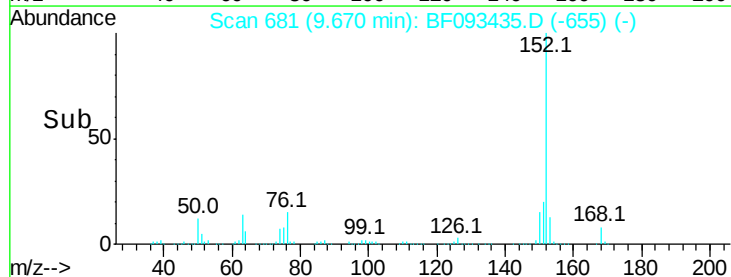
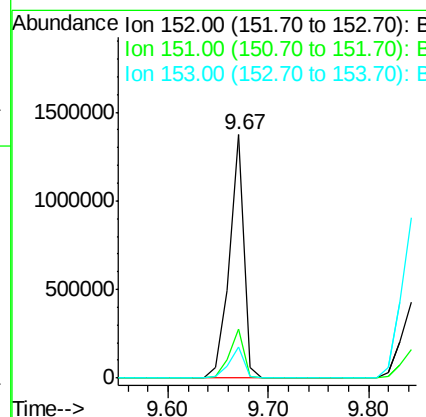
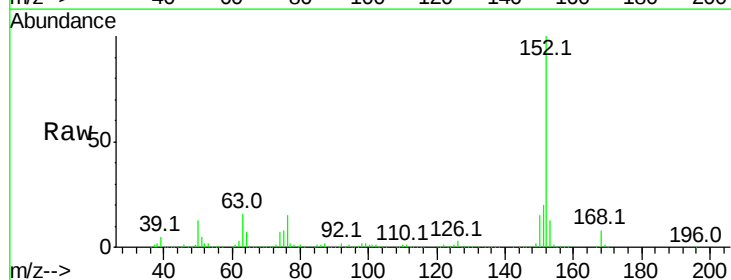
Tgt Ion: 152 Resp: 1370868

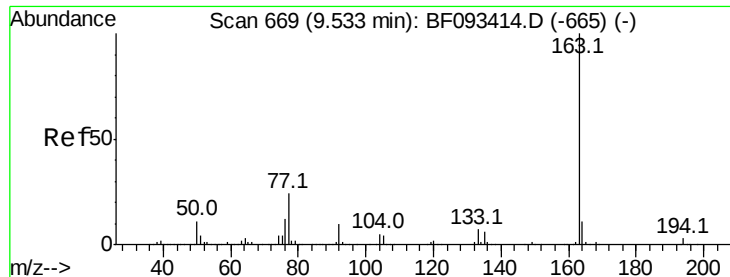
Ion Ratio Lower Upper

152 100

151 20.3 16.9 25.3

153 13.0 11.4 17.2





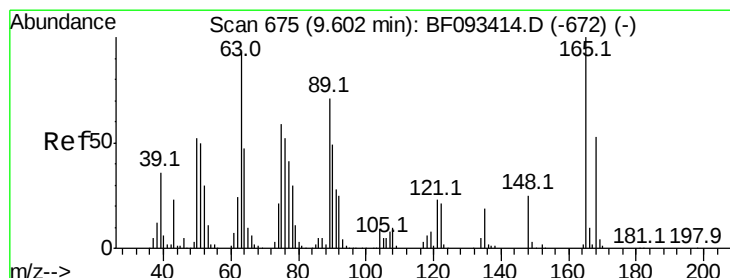
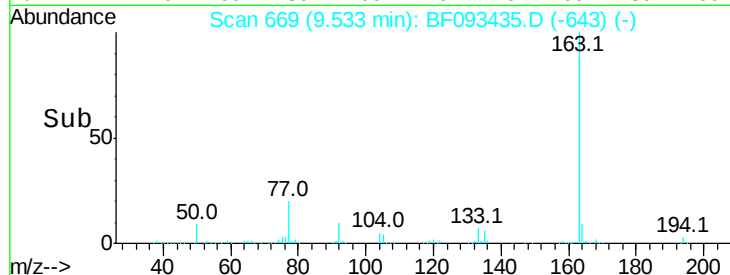
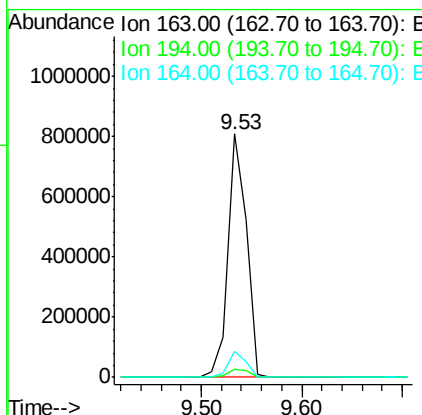
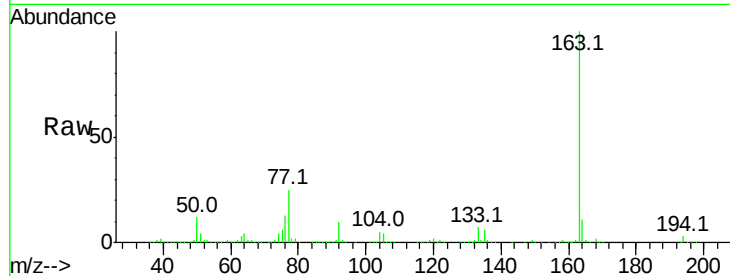
#49
Dimethylphthalate
Concen: 40.69 ng
RT: 9.53 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF093435.D
Acq: 8 Mar 2017 18:23

Instrument :
BNA_F
ClientSampleId :
PB97426BS

Tot Ion:163 Resp: 1029473
Ion Ratio Lower Upper
163 100
194 3.1 3.0 4.4
164 10.8 8.0 12.0

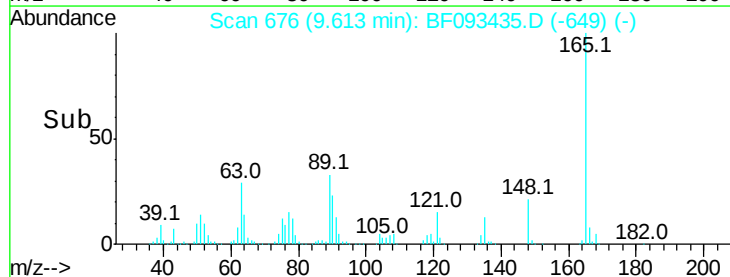
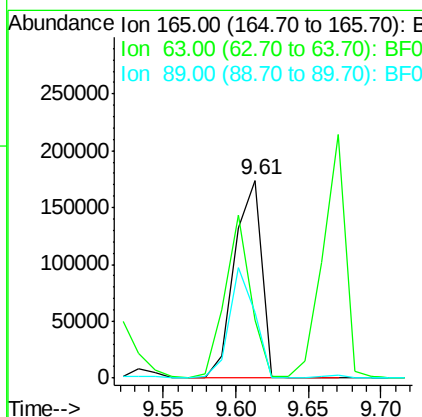
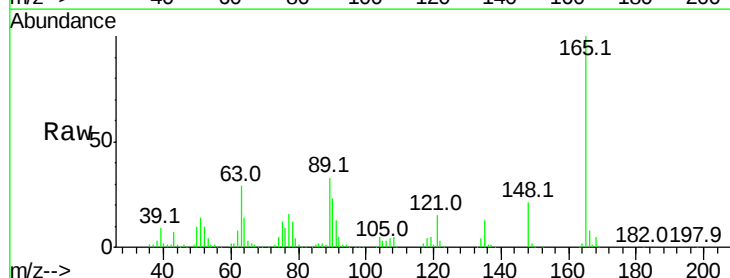
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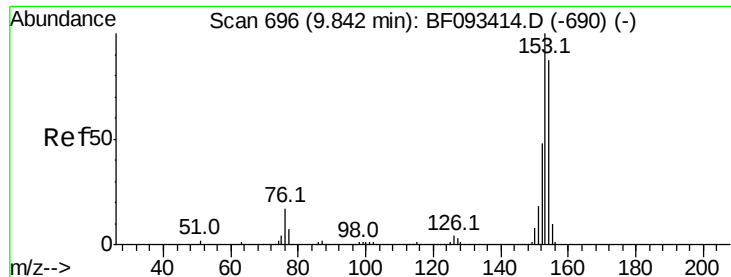
mohammad
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#50
2,6-Dinitrotoluene
Concen: 40.68 ng
RT: 9.61 min Scan# 676
Delta R.T. 0.01 min
Lab File: BF093435.D
Acq: 8 Mar 2017 18:23

Tgt Ion:165 Resp: 225838
Ion Ratio Lower Upper
165 100
63 29.2 36.2 54.4#
89 33.5 40.2 60.4#





#51

Acenaphthene

Concen: 40.97 ng

RT: 9.84 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Instrument :

BNA_F

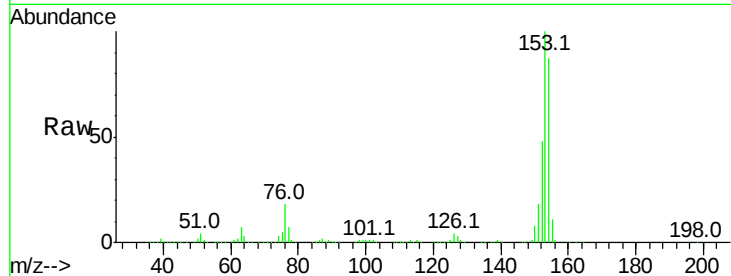
ClientSampleId :

PB97426BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.4	88.6	133.0
152	54.4	41.6	62.4

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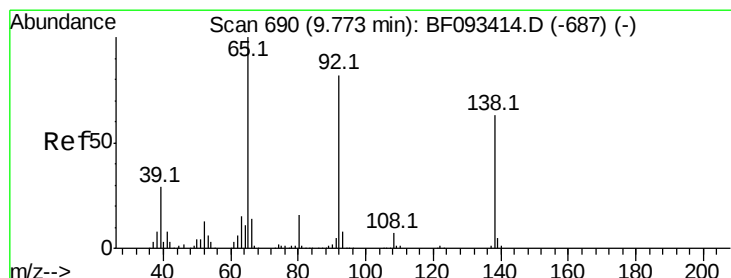
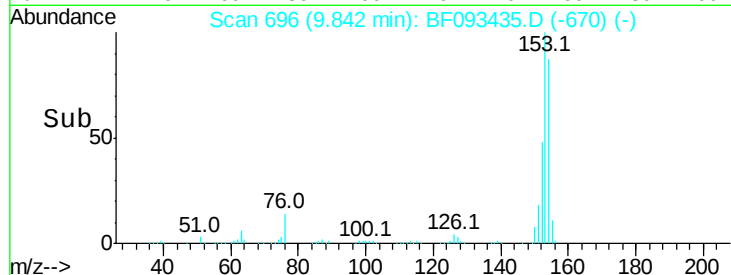
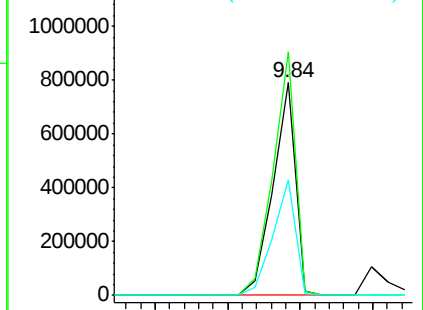


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 10.14 ng

RT: 9.78 min Scan# 691

Delta R.T. 0.01 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

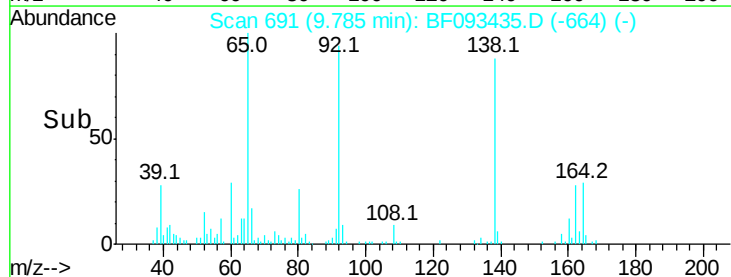
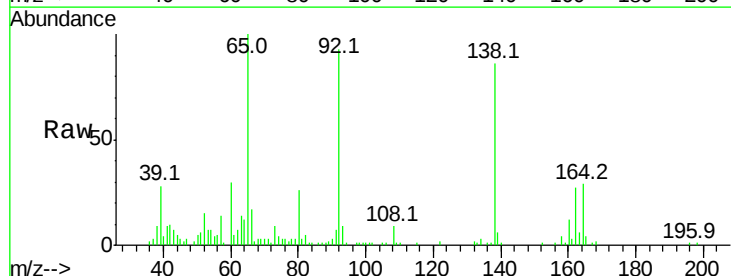
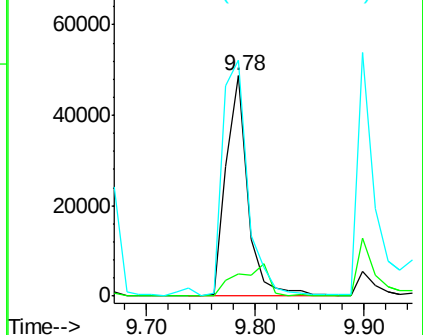
Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.5	12.7
92	107.1	97.8	146.8

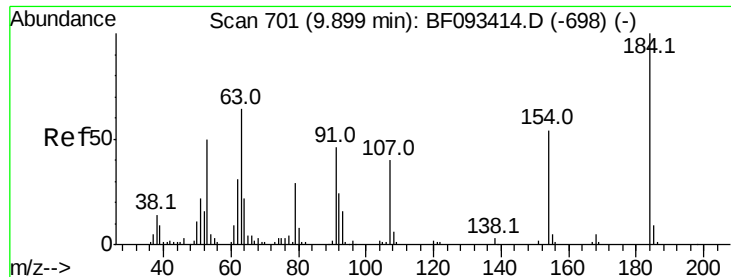
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





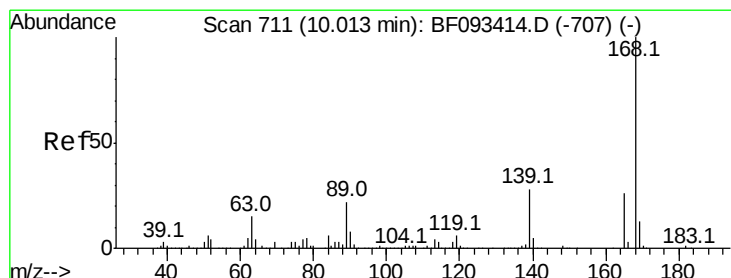
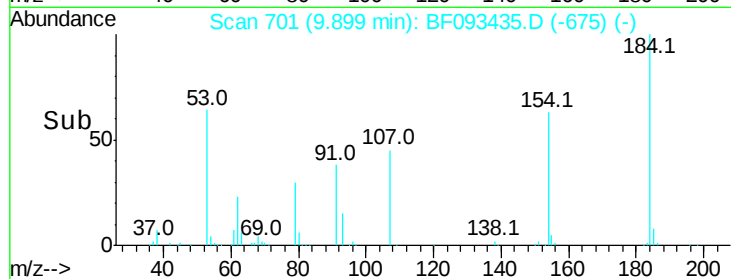
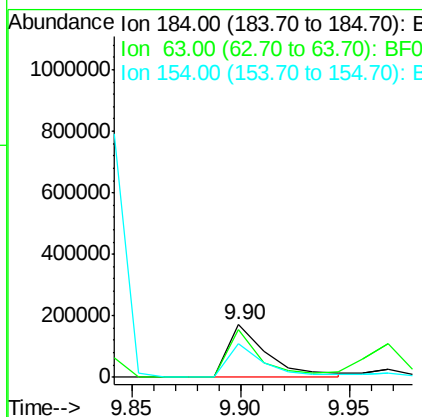
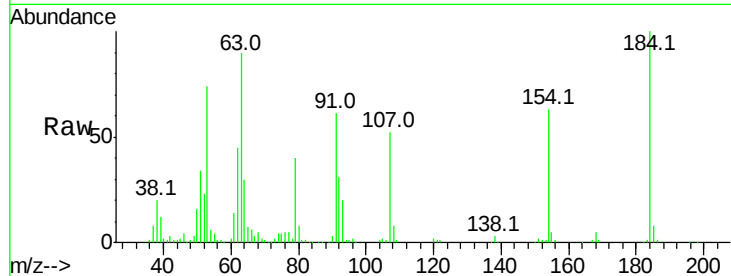
#53
2,4-Dinitrophenol
Concen: 87.17 ng
RT: 9.90 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF093435.D
Acq: 8 Mar 2017 18:23

Instrument :
BNA_F
ClientSampleId :
PB97426BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	220399		
63	90.0	28.4	42.6#	
154	62.9	44.3	66.5	

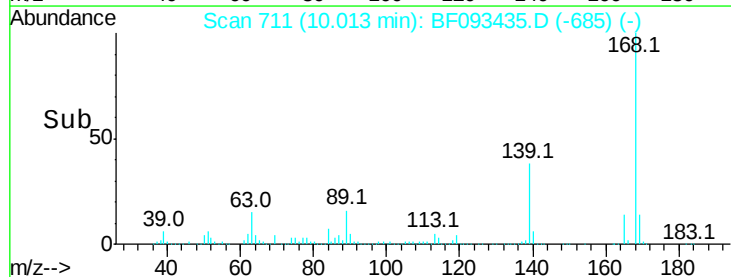
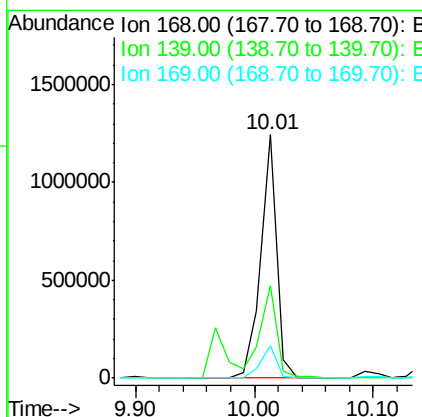
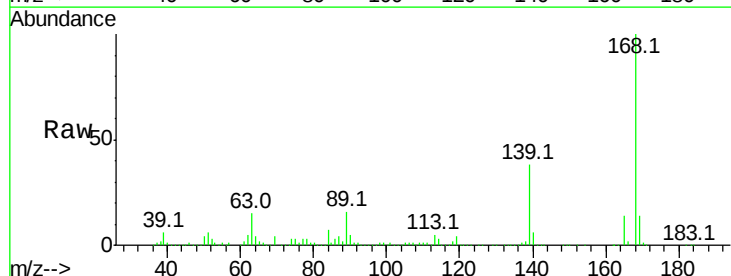
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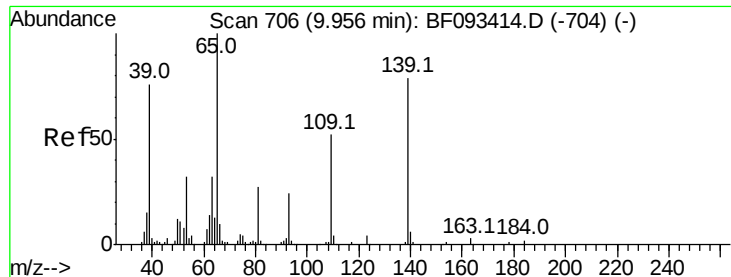
mohammad
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#54
Dibenzofuran
Concen: 45.13 ng
RT: 10.01 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF093435.D
Acq: 8 Mar 2017 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1172443		
139	38.1	32.6	49.0	
169	13.5	11.3	16.9	





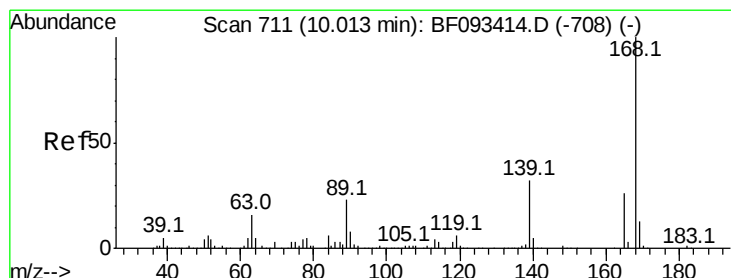
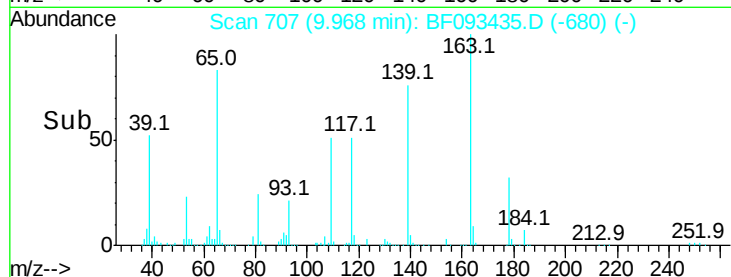
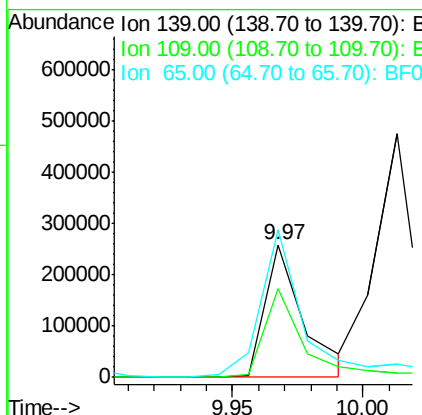
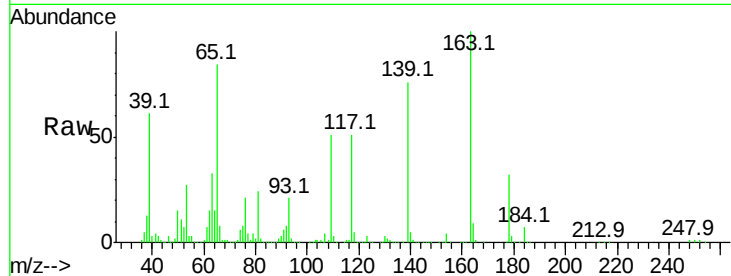
#55
4-Nitrophenol
Concen: 82.23 ng
RT: 9.97 min Scan# 707
Delta R.T. 0.01 min
Lab File: BF093435.D
Acq: 8 Mar 2017 18:23

Instrument :
BNA_F
ClientSampleId :
PB97426BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	266399		
109	67.0	52.2	92.2	
65	111.1	85.8	125.8	

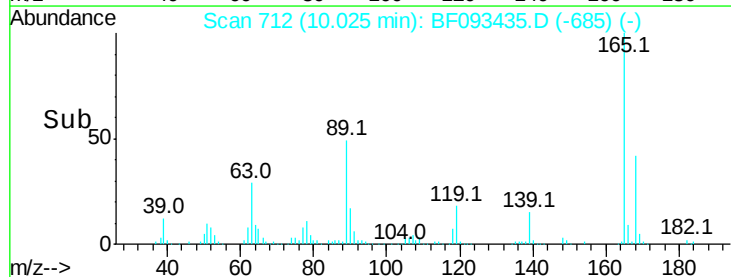
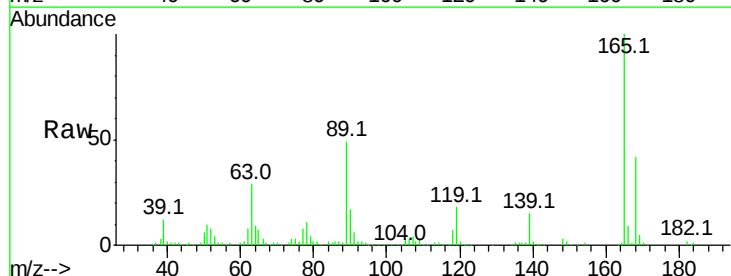
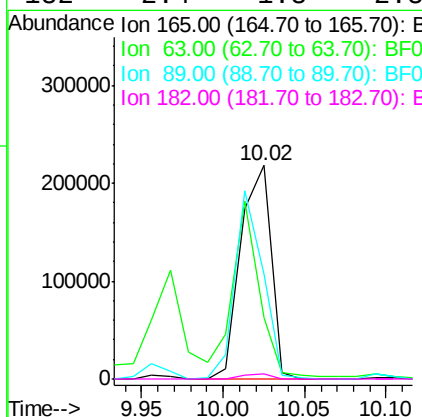
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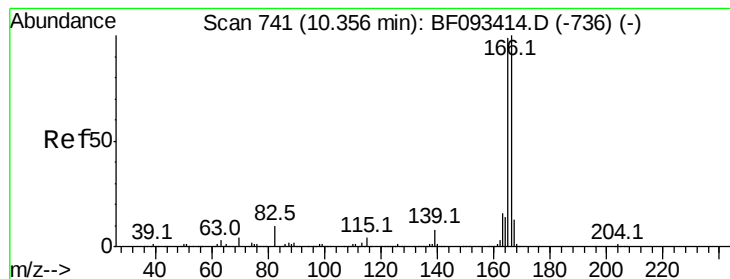
mohammad
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#56
2,4-Dinitrotoluene
Concen: 41.38 ng
RT: 10.02 min Scan# 712
Delta R.T. 0.01 min
Lab File: BF093435.D
Acq: 8 Mar 2017 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	282226		
63	29.0	40.2	60.4#	
89	49.2	62.5	93.7#	
182	2.4	1.8	2.8	





#57

Fluorene

Concen: 41.87 ng

RT: 10.36 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Instrument :

BNA_F

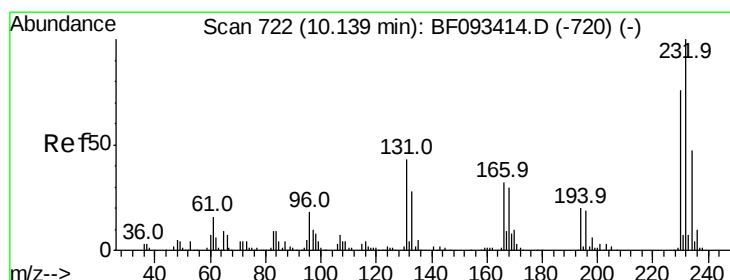
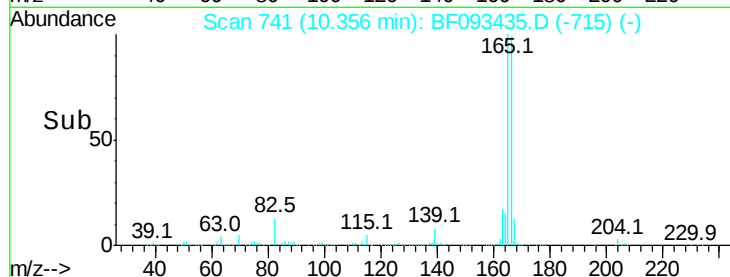
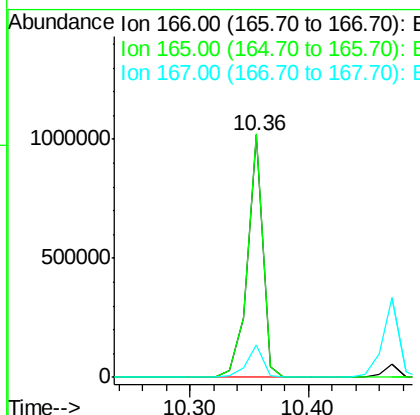
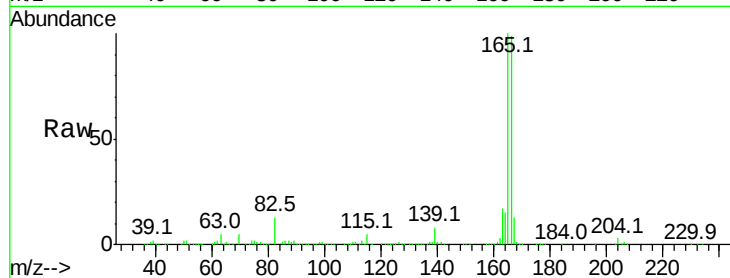
ClientSampleId :

PB97426BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	921613		
165	100.6		77.8	116.8
167	13.6		10.8	16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 42.81 ng

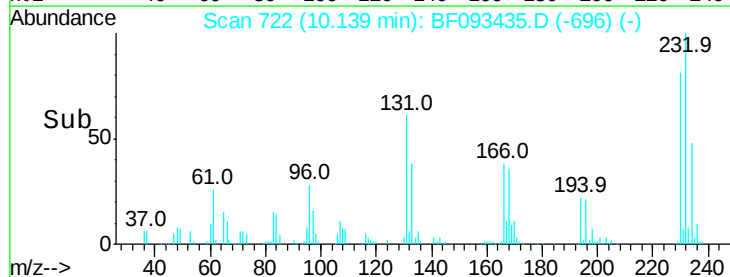
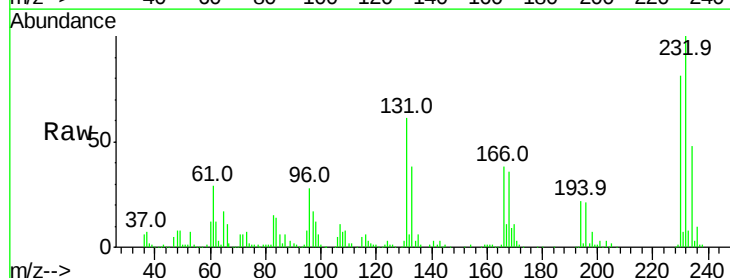
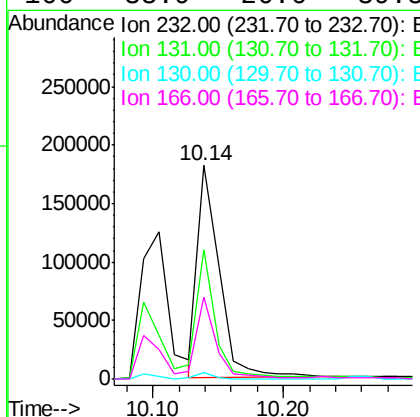
RT: 10.14 min Scan# 722

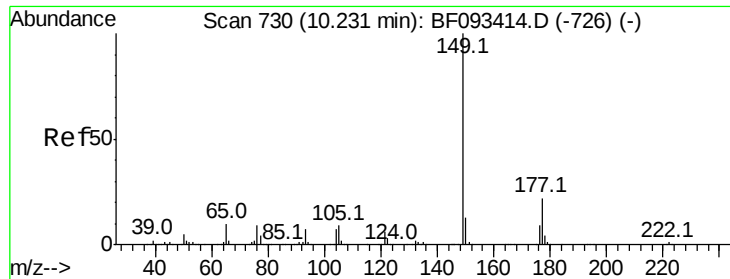
Delta R.T. -0.00 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	211093		
131	50.6		40.1	60.1
130	2.7		1.8	2.8
166	33.9		26.6	39.8





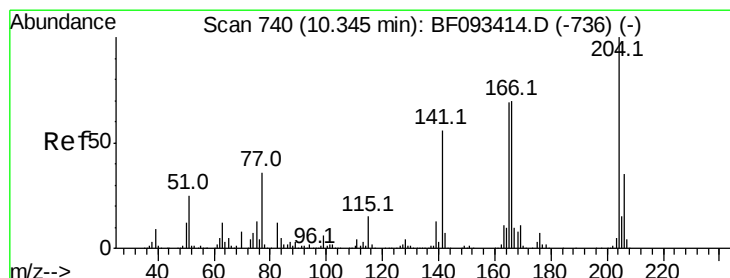
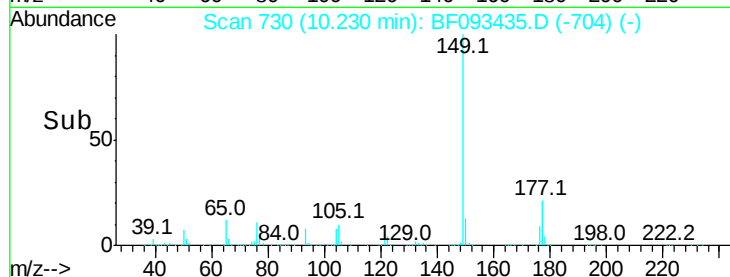
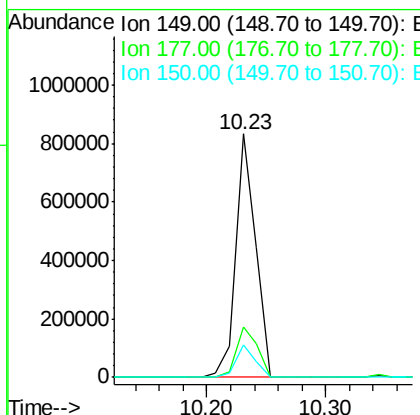
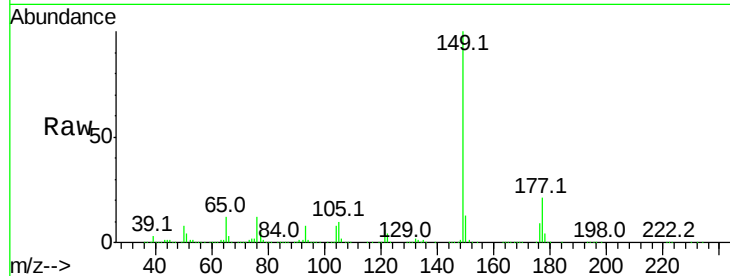
#59
Diethylphthalate
Concen: 39.82 ng
RT: 10.23 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF093435.D
Acq: 8 Mar 2017 18:23

Instrument :
BNA_F
ClientSampleId :
PB97426BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	963055		
177	20.7	16.6	25.0	
150	13.1	10.4	15.6	

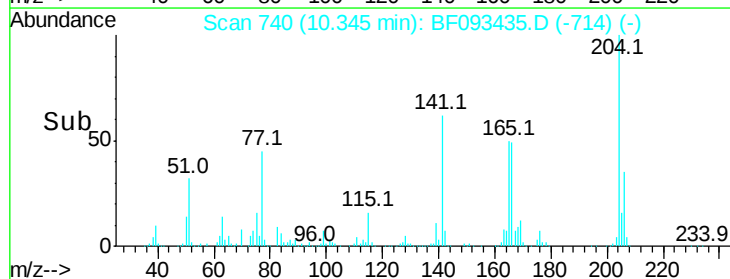
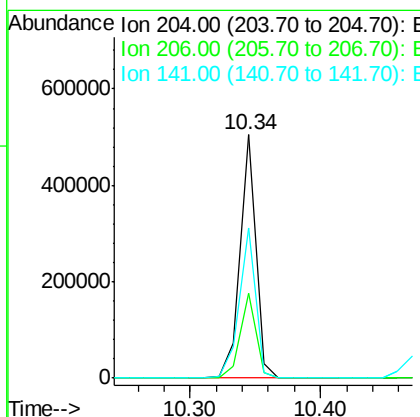
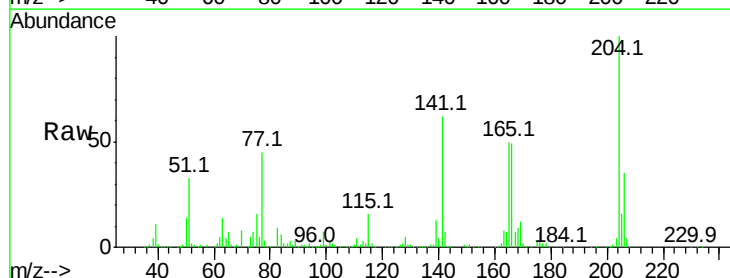
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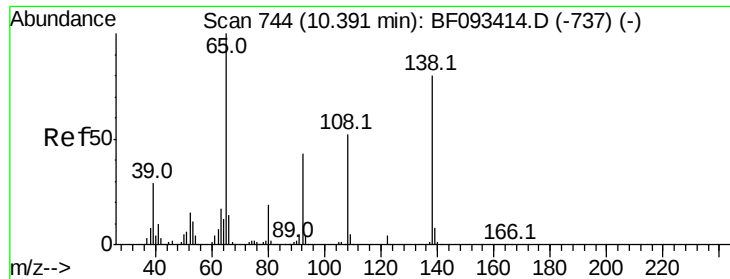
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#60
4-Chlorophenyl-phenylether
Concen: 42.86 ng
RT: 10.34 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF093435.D
Acq: 8 Mar 2017 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	422954		
206	35.0	25.8	38.6	
141	61.9	59.4	89.0	





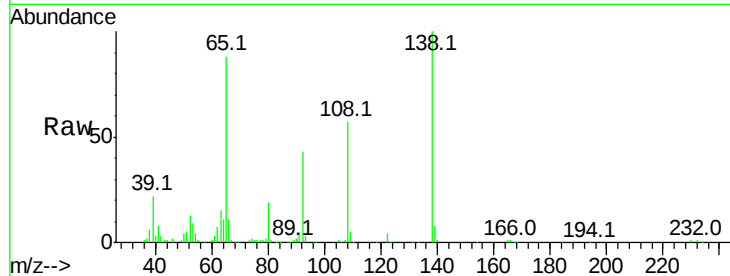
#61
4-Nitroaniline
Concen: 36.39 ng
RT: 10.40 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF093435.D
Acq: 8 Mar 2017 18:23

Instrument :
BNA_F
ClientSampleId :
PB97426BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	42.9	31.7	71.7
108	57.1	52.6	92.6

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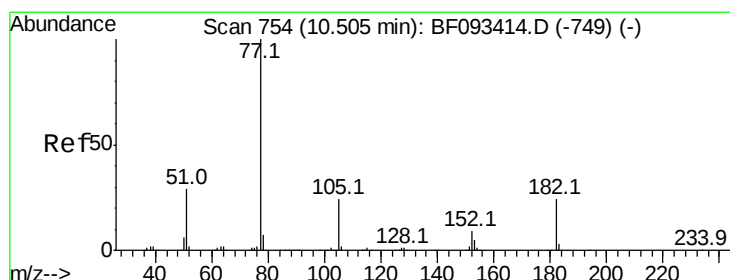
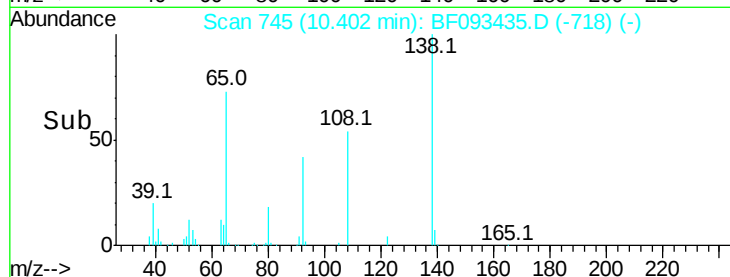
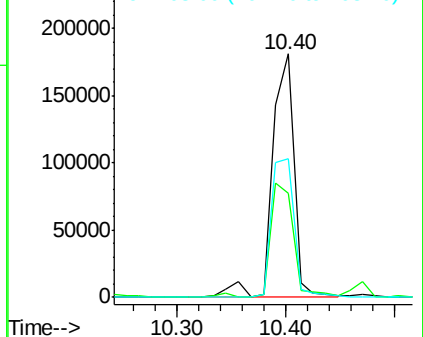


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62
Azobenzene
Concen: 45.55 ng
RT: 10.50 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF093435.D
Acq: 8 Mar 2017 18:23

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.3	0.0	39.3
105	22.6	2.3	42.3
51	33.0	8.9	48.9

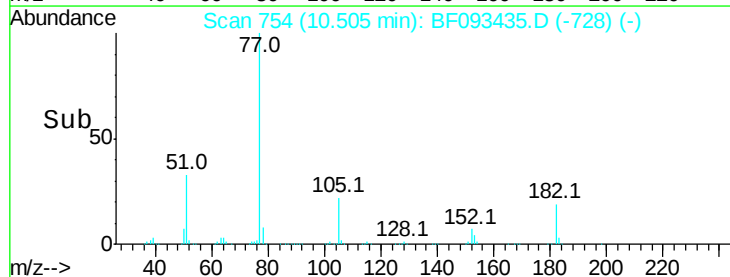
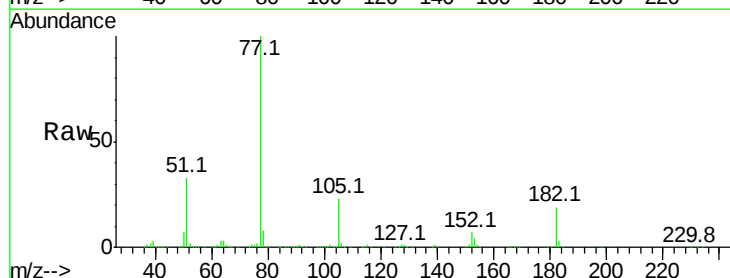
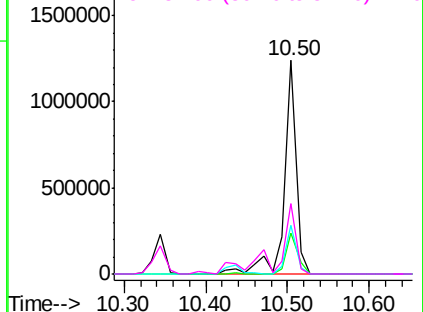
Abundance

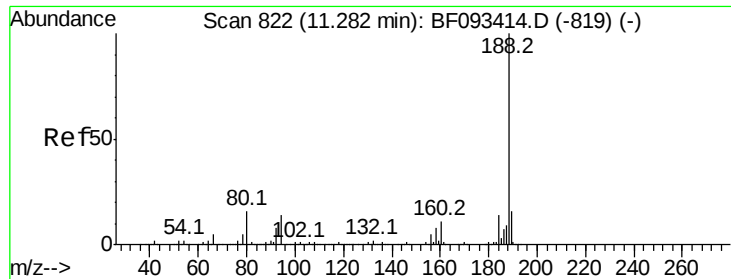
Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 823

Delta R.T. 0.01 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Instrument :

BNA_F

ClientSampleId :

PB97426BS

Tot Ion:188 Resp: 684958

Ion Ratio Lower Upper

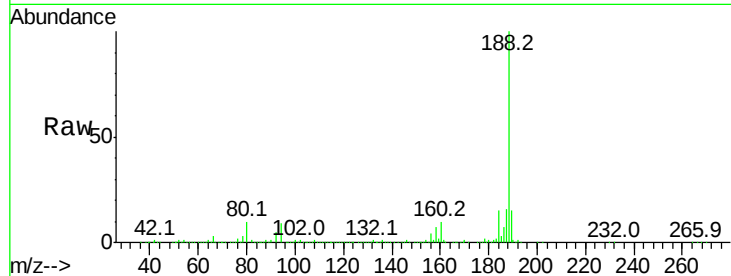
188 100

94 9.4 10.0 15.0#

80 9.9 11.2 16.8#

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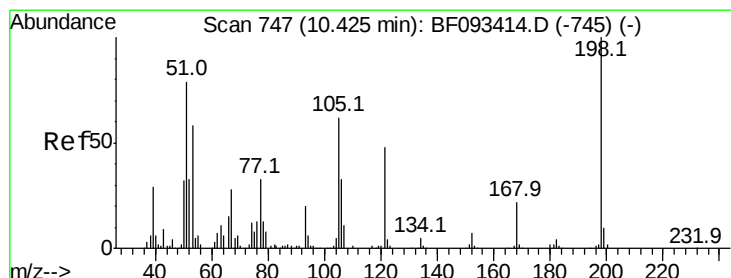
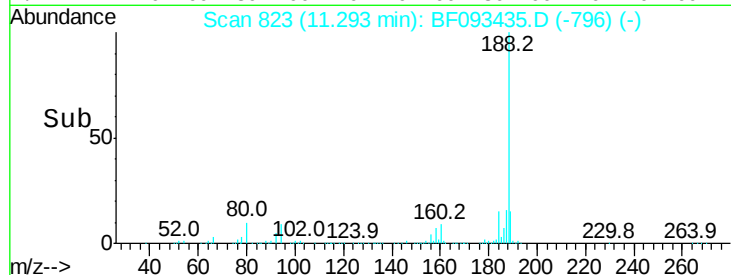
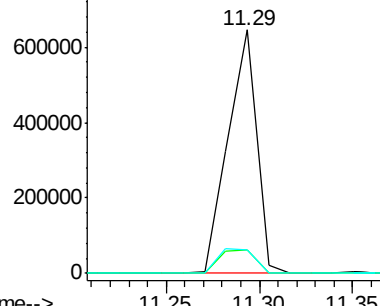
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 37.60 ng

RT: 10.44 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

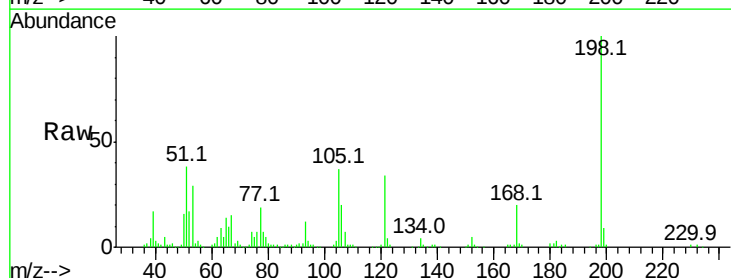
Tgt Ion:198 Resp: 166865

Ion Ratio Lower Upper

198 100

51 38.5 6.7 46.7

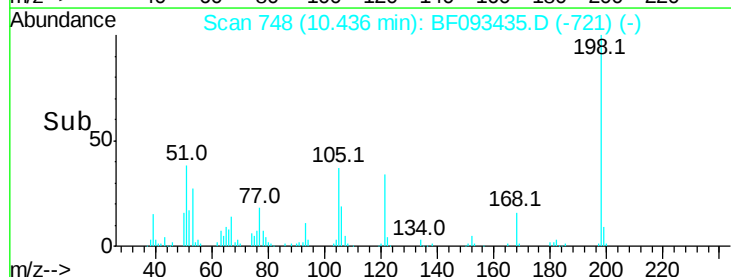
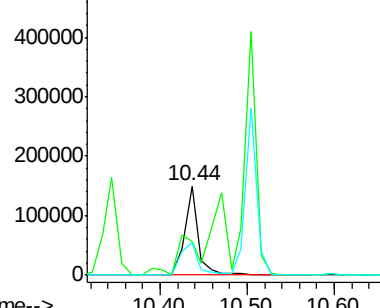
105 36.9 16.6 56.6

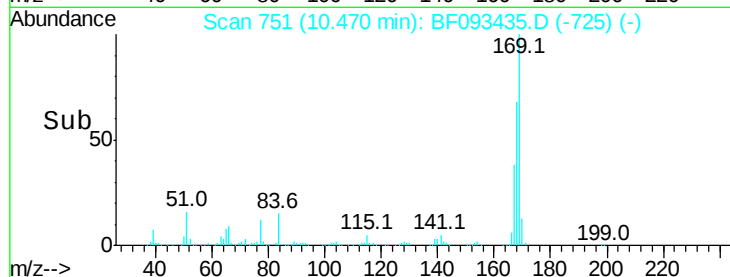
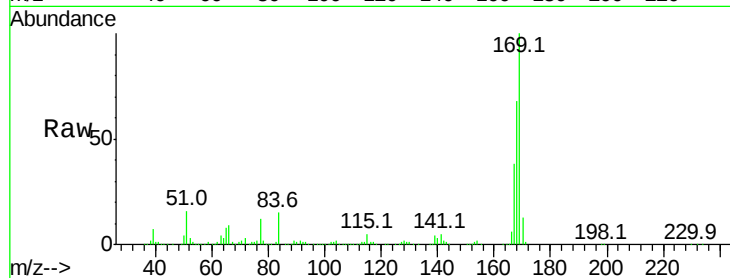
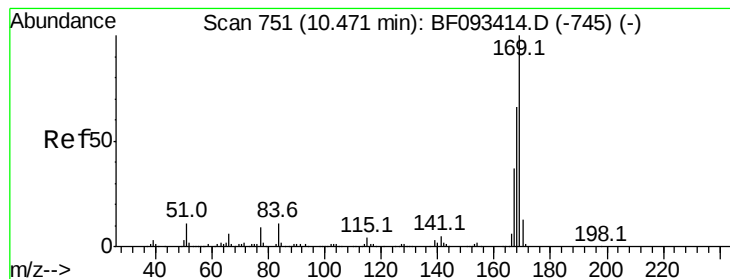


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 36.57 ng

RT: 10.47 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Tot Ion:	169	Resp:	836323
Ion Ratio	Lower	Upper	
169	100		
168	68.2	54.2	81.2
167	38.4	30.2	45.4

Instrument :

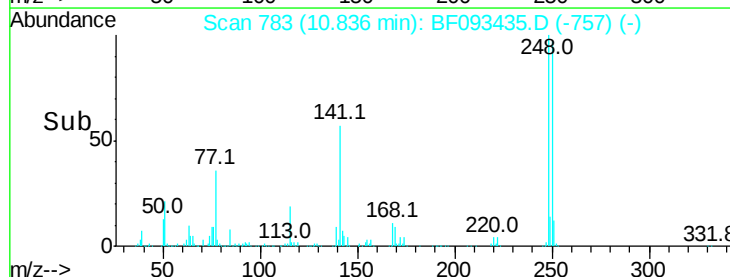
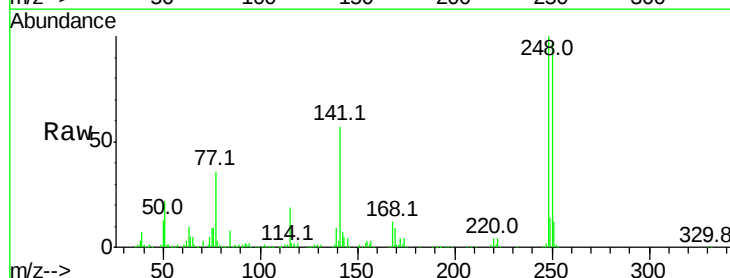
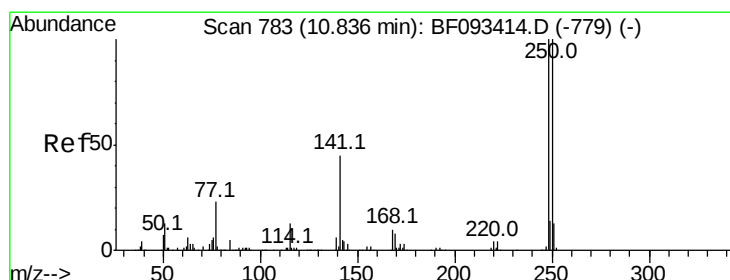
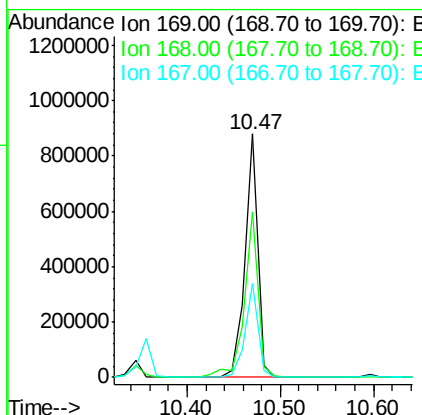
BNA_F

ClientSampleId :

PB97426BS

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#66

4-Bromophenyl-phenylether

Concen: 36.57 ng

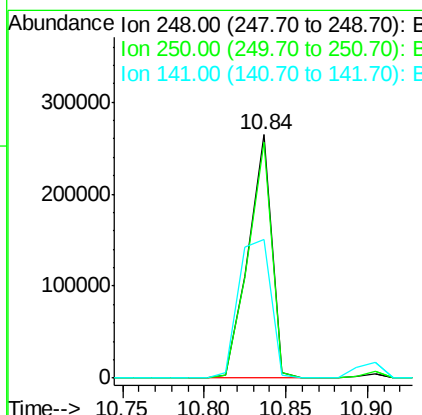
RT: 10.84 min Scan# 783

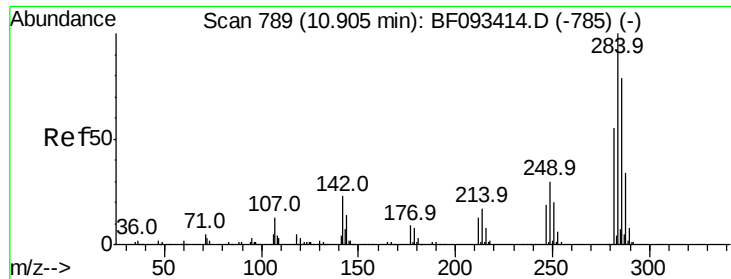
Delta R.T. -0.00 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Tgt Ion:	248	Resp:	264918
Ion Ratio	Lower	Upper	
248	100		
250	96.7	76.9	115.3
141	57.0	68.2	102.4#





#67

Hexachlorobenzene

Concen: 36.16 ng

RT: 10.90 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Instrument :

BNA_F

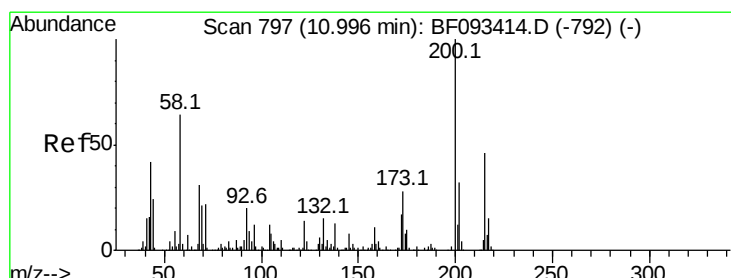
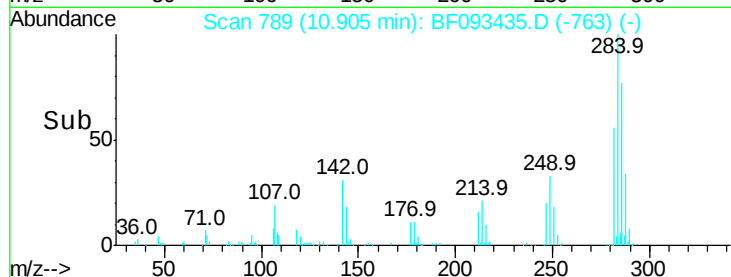
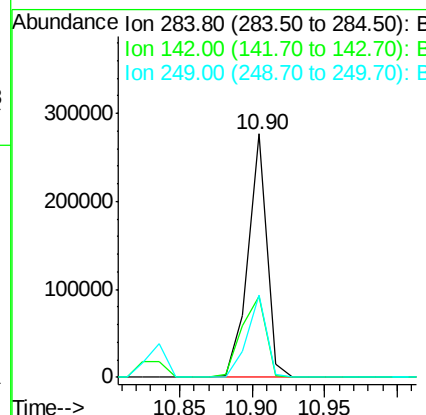
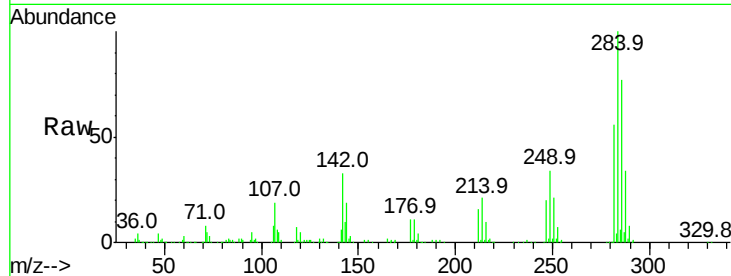
ClientSampleId :

PB97426BS

Tot Ion:	284	Resp:	250101
Ion Ratio		Lower	Upper
284	100		
142	33.4	22.6	33.8
249	33.8	25.4	38.0

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#68

Atrazine

Concen: 32.95 ng

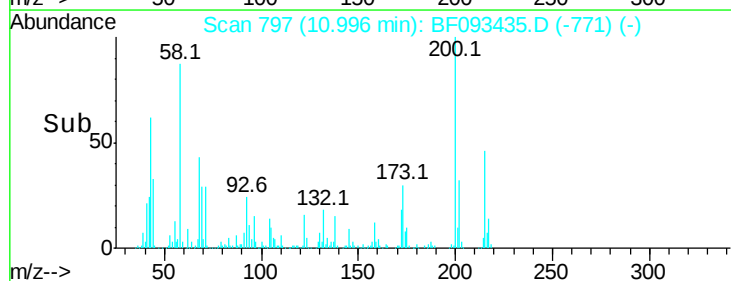
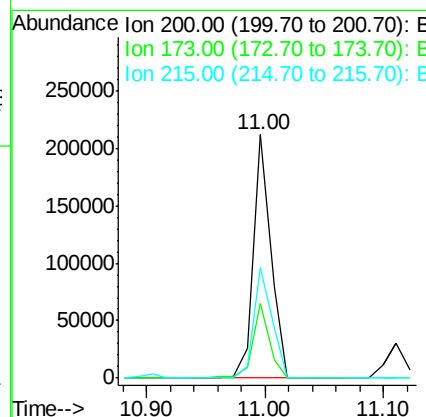
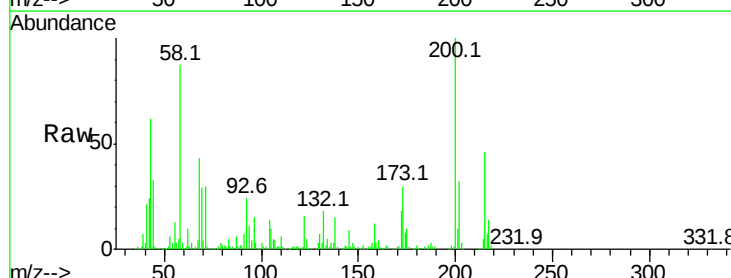
RT: 11.00 min Scan# 797

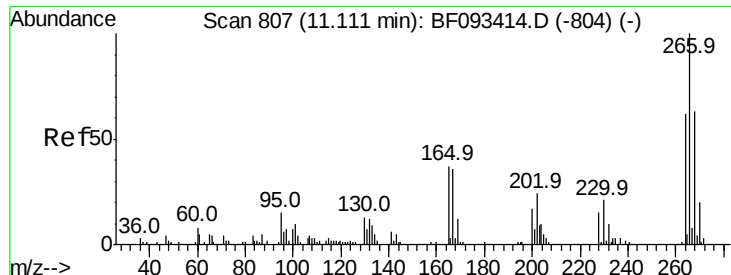
Delta R.T. -0.00 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Tgt Ion:	200	Resp:	220609
Ion Ratio		Lower	Upper
200	100		
173	30.4	9.6	49.6
215	45.5	25.7	65.7





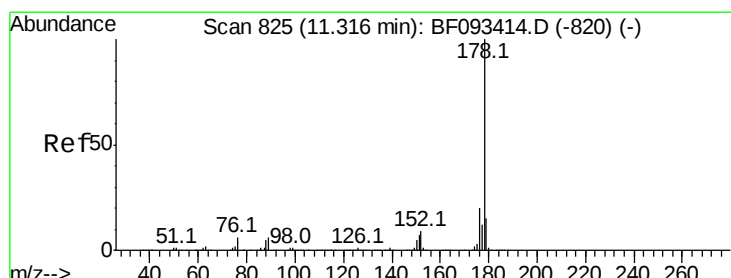
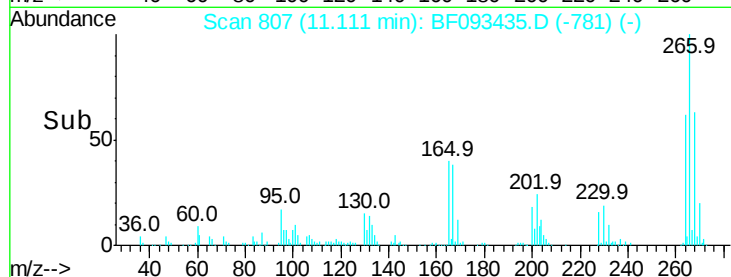
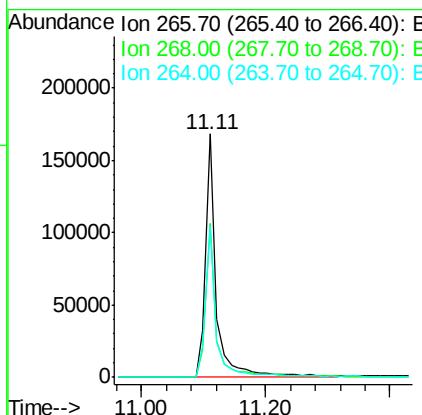
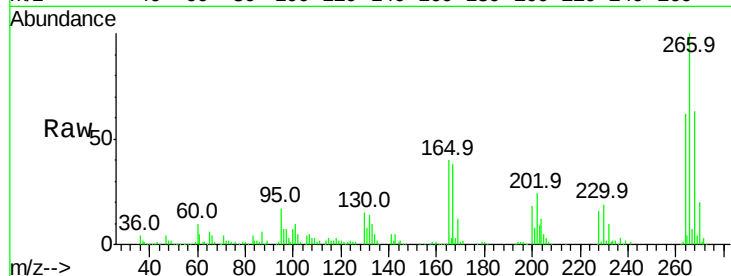
#69
 Pentachlorophenol
 Concen: 87.33 ng
 RT: 11.11 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF093435.D
 Acq: 8 Mar 2017 18:23

Instrument :
 BNA_F
 ClientSampleId :
 PB97426BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	208531		
268	63.0		53.3	79.9
264	62.1		50.3	75.5

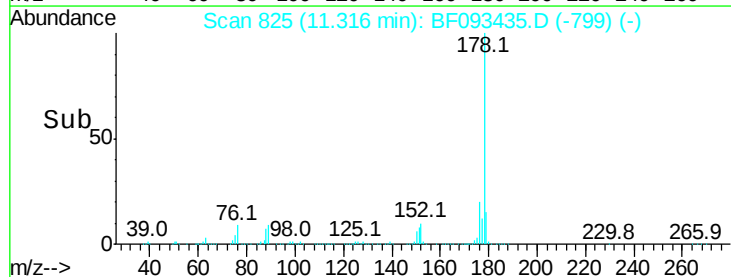
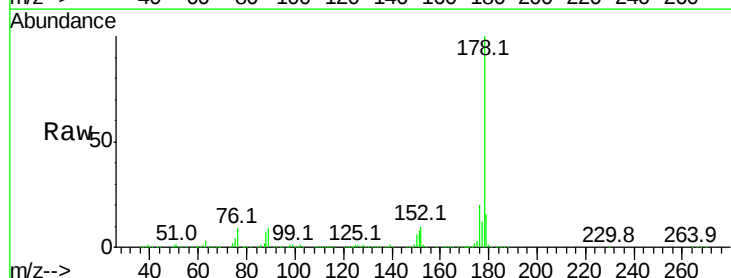
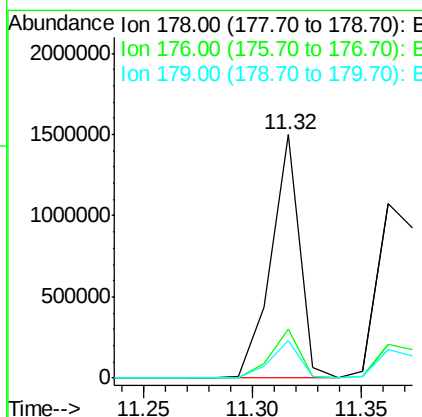
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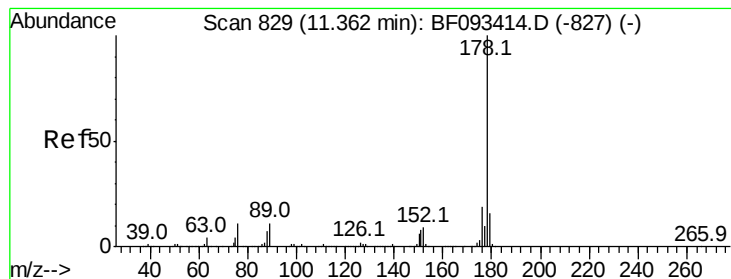
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#70
 Phenanthrene
 Concen: 35.47 ng
 RT: 11.32 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BF093435.D
 Acq: 8 Mar 2017 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1386769		
176	20.3		16.6	25.0
179	15.5		12.8	19.2





#71

Anthracene

Concen: 36.08 ng

RT: 11.36 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Instrument :

BNA_F

ClientSampleId :

PB97426BS

Tot Ion:178 Resp: 1426986

Ion Ratio Lower Upper

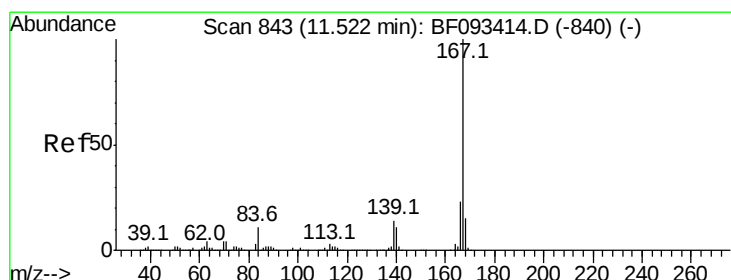
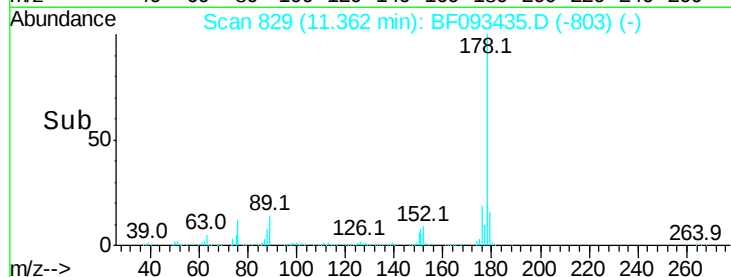
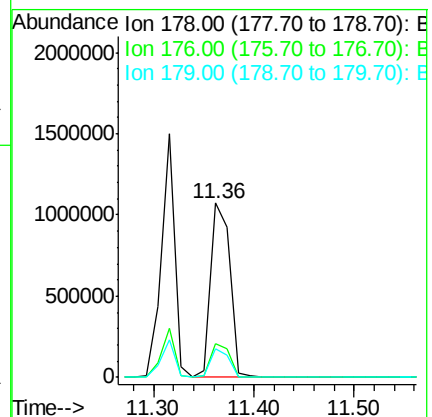
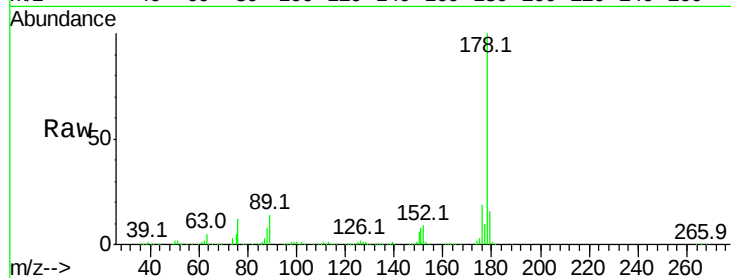
178 100

176 19.5 15.9 23.9

179 16.2 13.2 19.8

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#72

Carbazole

Concen: 35.99 ng

RT: 11.53 min Scan# 844

Delta R.T. 0.01 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

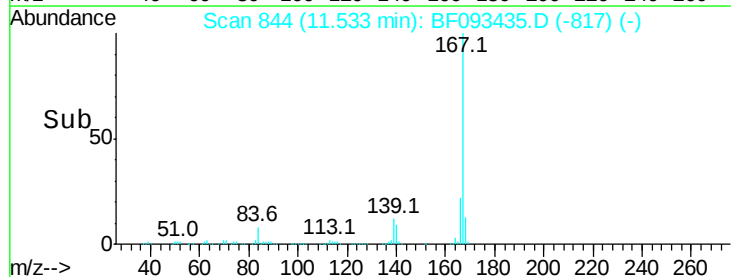
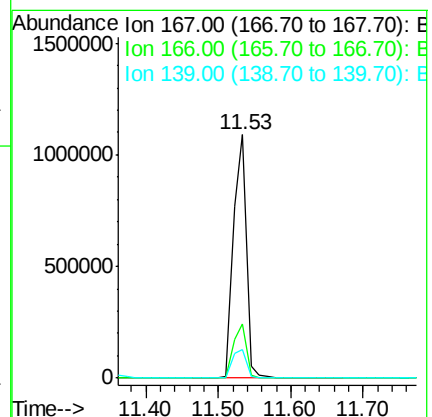
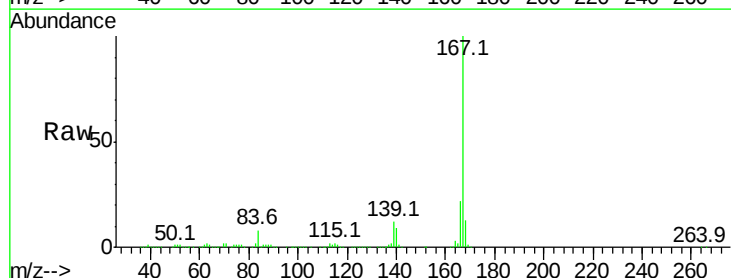
Tgt Ion:167 Resp: 1337292

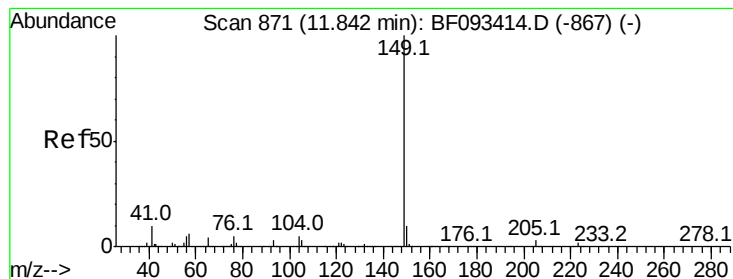
Ion Ratio Lower Upper

167 100

166 22.0 18.2 27.2

139 11.9 11.4 17.2





#73

Di-n-butylphthalate

Concen: 38.10 ng

RT: 11.85 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Instrument :

BNA_F

ClientSampleId :

PB97426BS

Tot Ion:149 Resp: 1637664

Ion Ratio Lower Upper

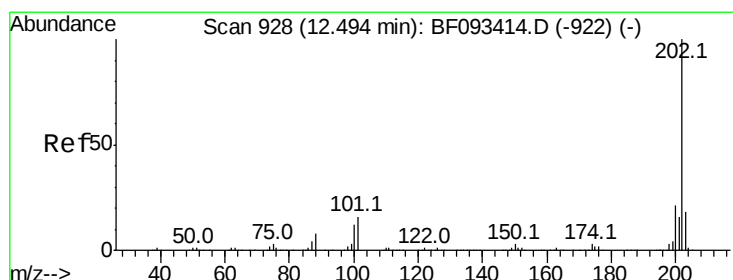
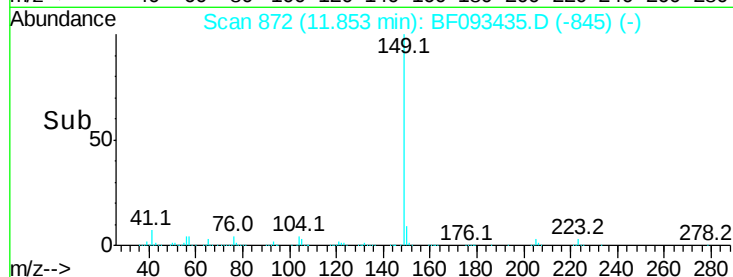
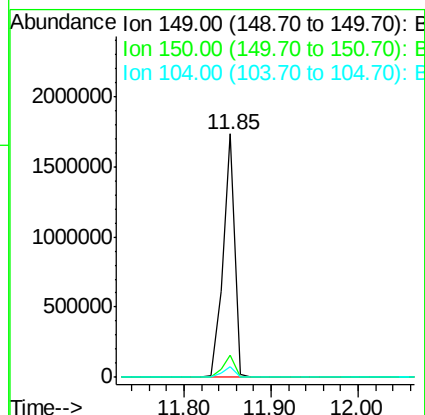
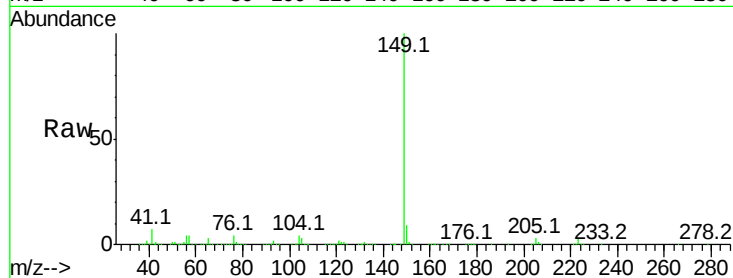
149 100

150 9.3 8.1 12.1

104 4.4 4.6 7.0#

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#74

Fluoranthene

Concen: 37.54 ng

RT: 12.50 min Scan# 929

Delta R.T. 0.01 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

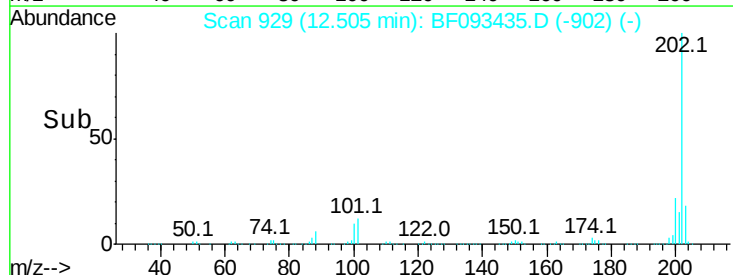
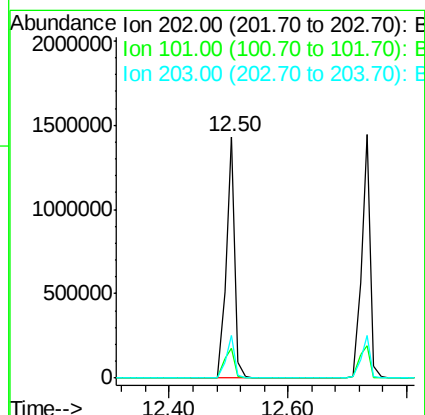
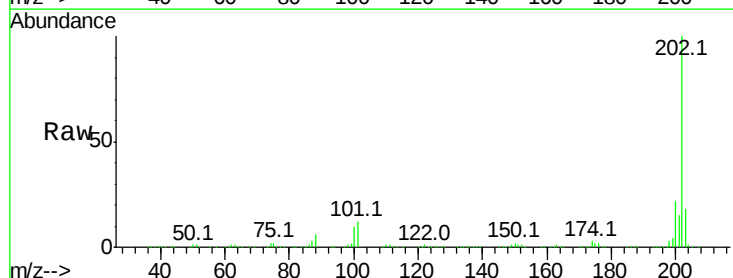
Tgt Ion:202 Resp: 1417661

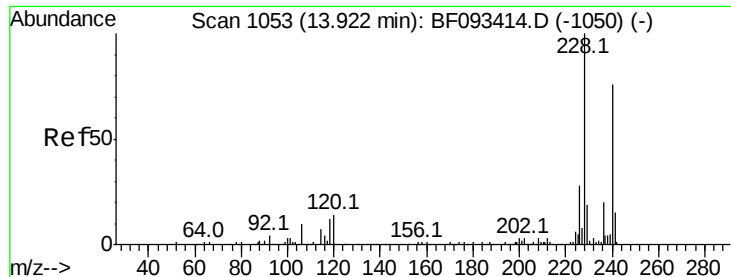
Ion Ratio Lower Upper

202 100

101 12.2 0.0 34.6

203 17.6 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: BF093435.D

Acq: 8 Mar 2017 18:23

Instrument :

BNA_F

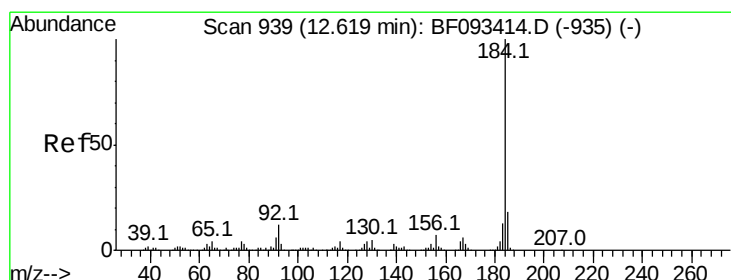
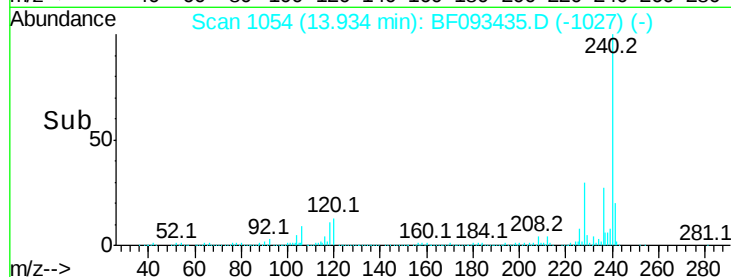
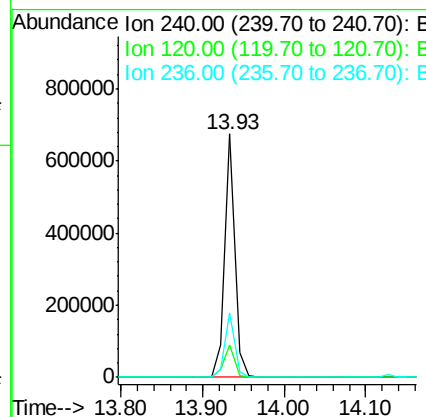
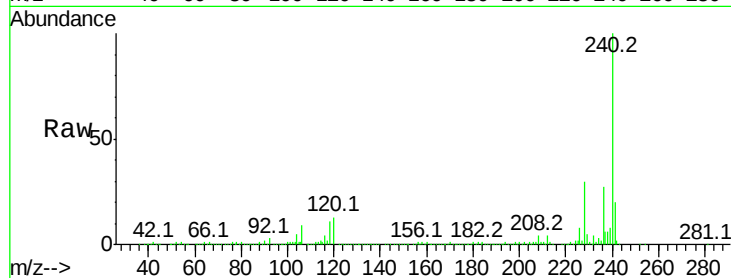
ClientSampleId :

PB97426BS

Tot Ion:	240	Resp:	580164
Ion Ratio	Lower	Upper	
240	100		
120	13.2	12.9	19.3
236	26.5	20.9	31.3

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#76

Benzidine

Concen: 14.48 ng

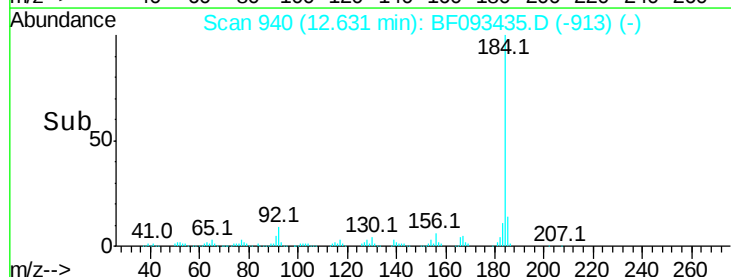
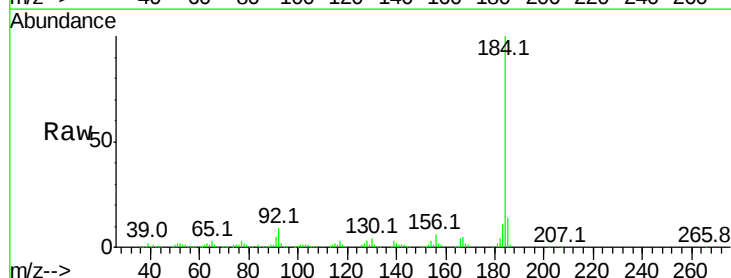
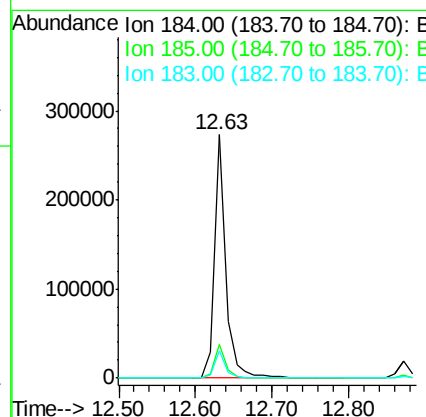
RT: 12.63 min Scan# 940

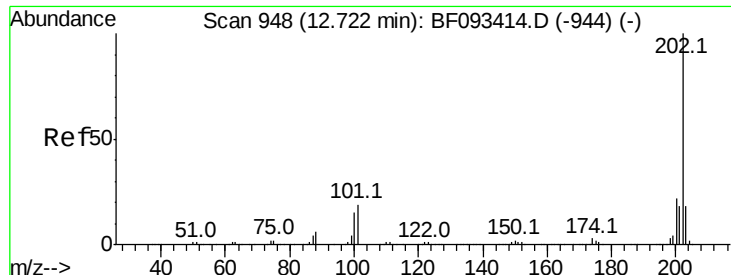
Delta R.T. 0.01 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Tgt Ion:	184	Resp:	276307
Ion Ratio	Lower	Upper	
184	100		
185	13.9	13.4	20.0
183	11.3	9.2	13.8





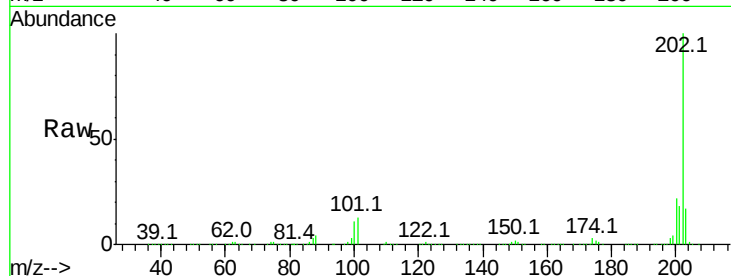
#77
Pvrene
Concen: 34.36 ng
RT: 12.73 min Scan# 949
Delta R.T. 0.01 min
Lab File: BF093435.D
Acq: 8 Mar 2017 18:23

Instrument :
BNA_F
ClientSampleId :
PB97426BS

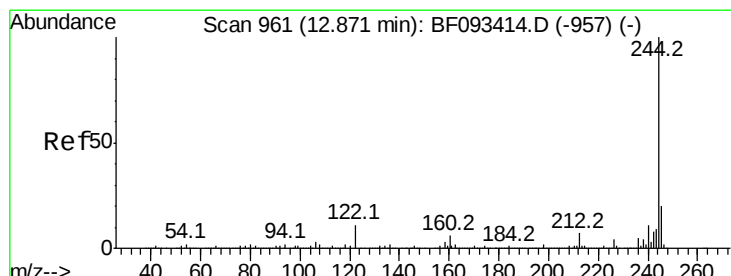
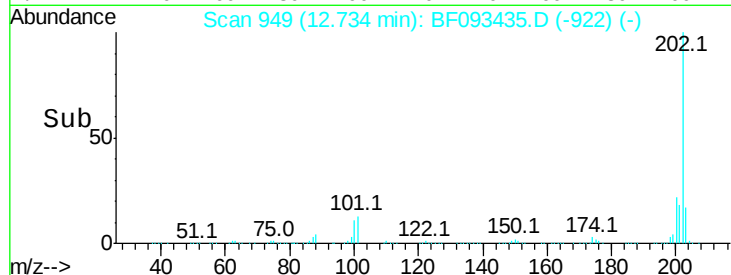
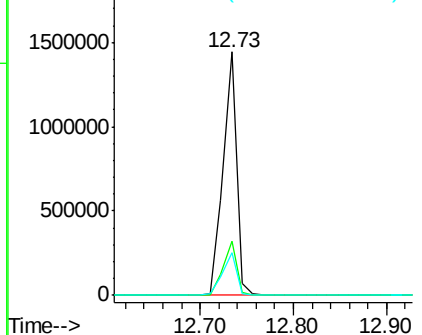
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.7	26.5
203	17.5	14.7	22.1

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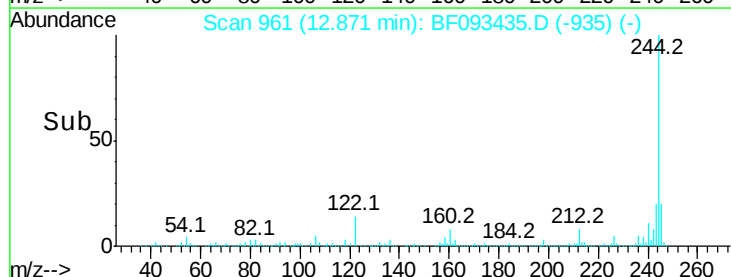
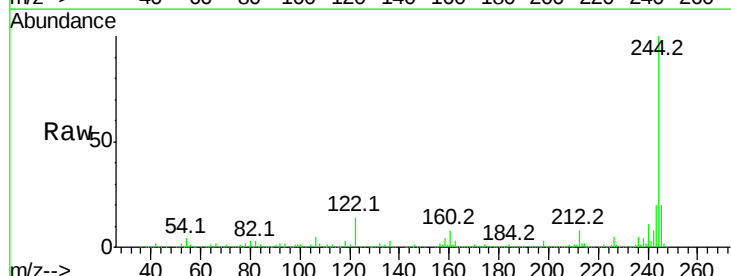
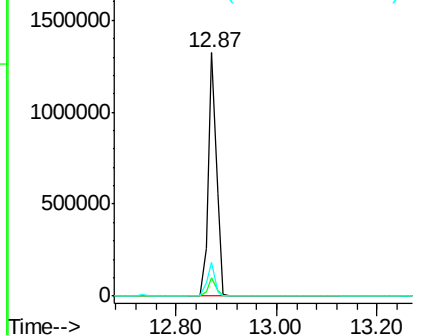
Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

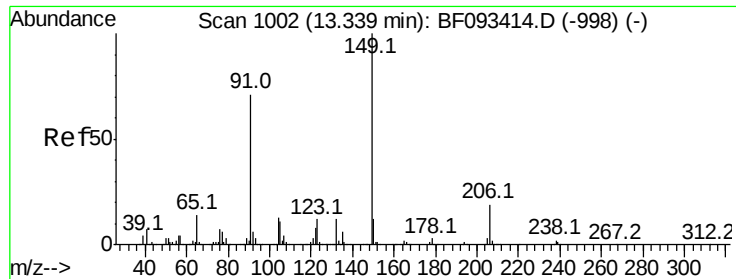


#78
Terphenyl-d14
Concen: 66.81 ng
RT: 12.87 min Scan# 961
Delta R.T. -0.00 min
Lab File: BF093435.D
Acq: 8 Mar 2017 18:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	13.9	11.4	17.2

Abundance Ion 244.00 (243.70 to 244.70): E
1500000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





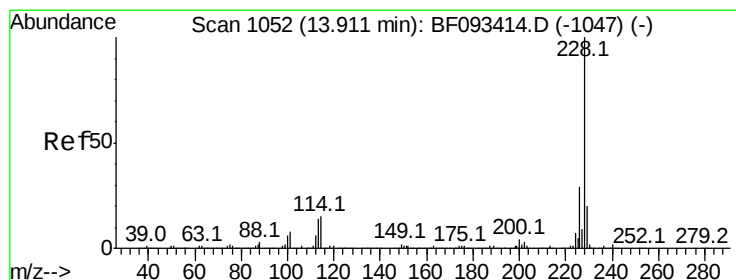
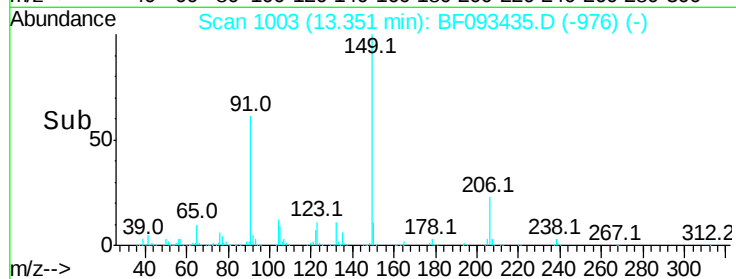
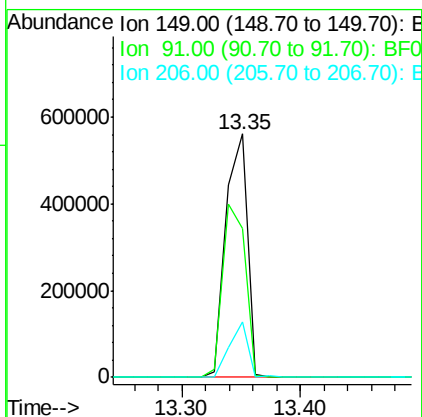
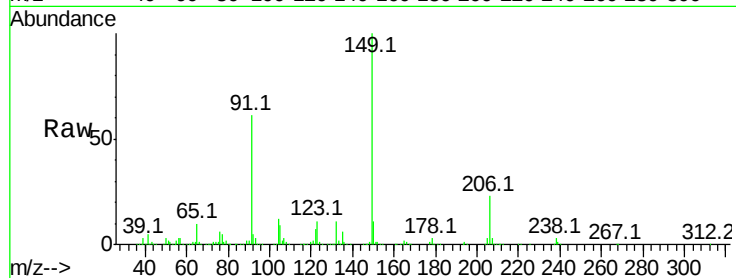
#79
Butylbenzylphthalate
Concen: 39.76 ng
RT: 13.35 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BF093435.D
Acq: 8 Mar 2017 18:23

Instrument :
BNA_F
ClientSampleId :
PB97426BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	706197		
91	61.2	63.9	95.9#	
206	22.8	14.6	21.8#	

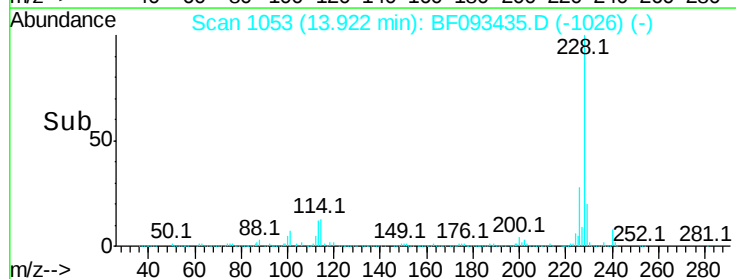
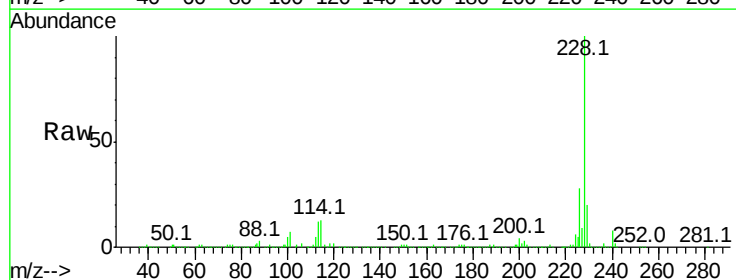
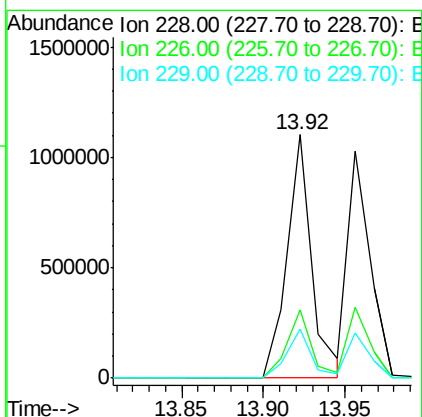
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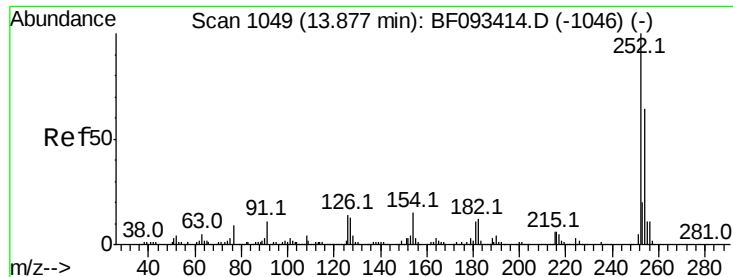
mohammad
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#80
Benzo(a)anthracene
Concen: 34.17 ng
RT: 13.92 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF093435.D
Acq: 8 Mar 2017 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1170553		
226	28.2	22.4	33.6	
229	20.0	16.2	24.4	





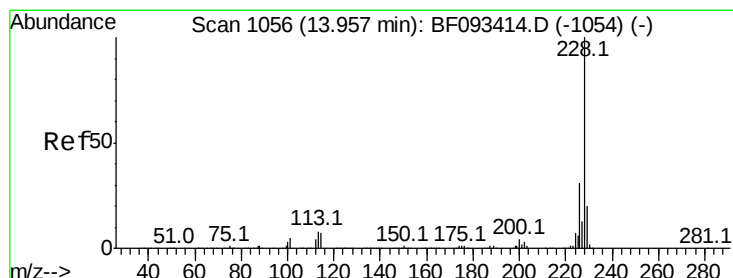
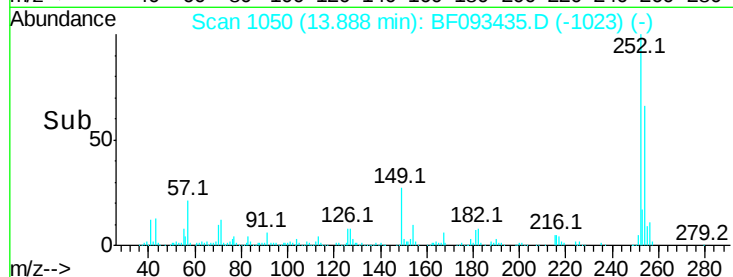
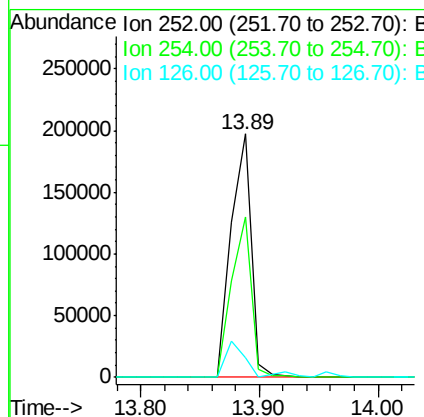
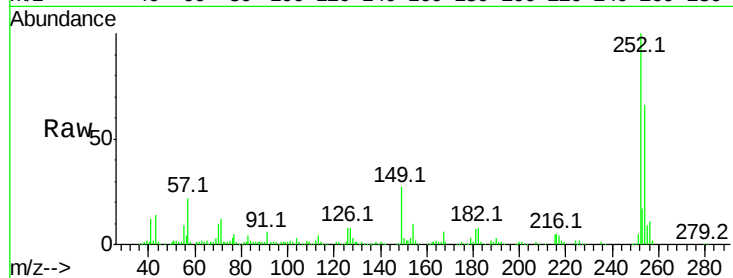
#81
 3,3'-Dichlorobenzidine
 Concen: 19.49 ng
 RT: 13.89 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: BF093435.D
 Acq: 8 Mar 2017 18:23

Instrument :
 BNA_F
 ClientSampled :
 PB97426BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.7	52.3	78.5
126	8.1	13.6	20.4

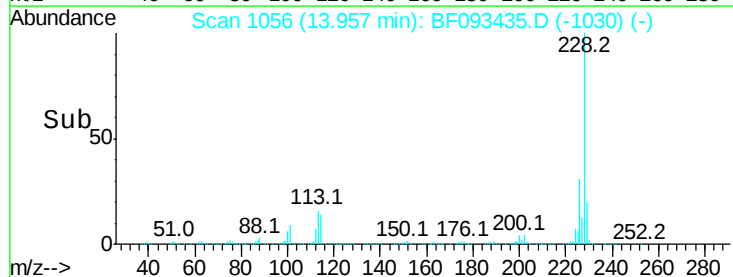
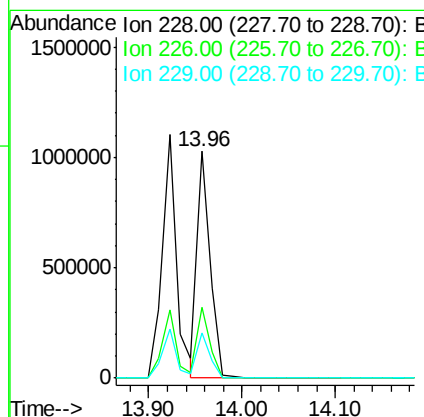
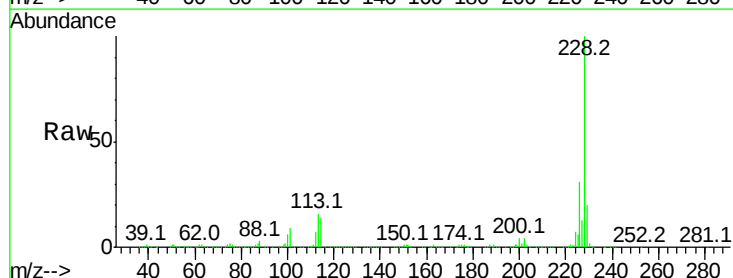
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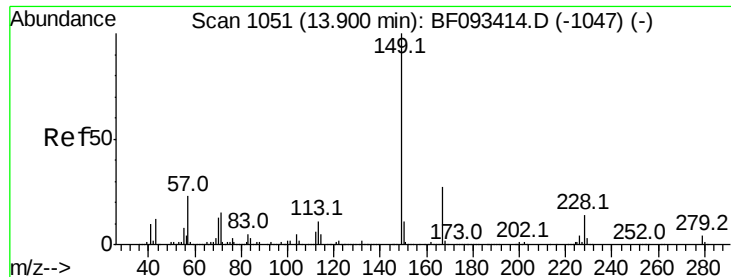
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#82
 Chrysene
 Concen: 31.76 ng
 RT: 13.96 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: BF093435.D
 Acq: 8 Mar 2017 18:23

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.2	25.4	38.0
229	20.0	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.93 ng

RT: 13.90 min Scan# 1051

Delta R.T. -0.00 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Instrument :

BNA_F

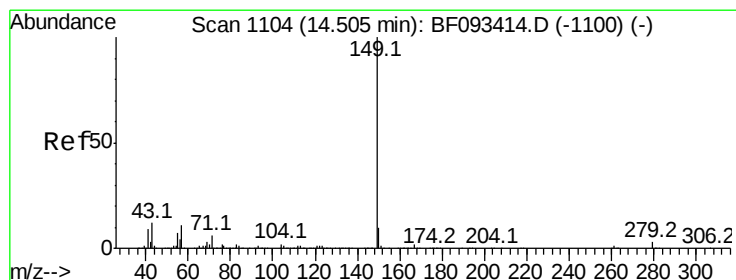
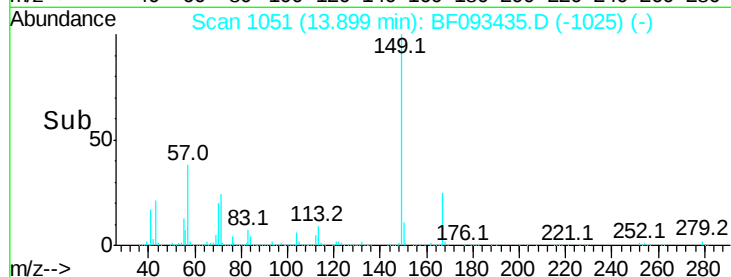
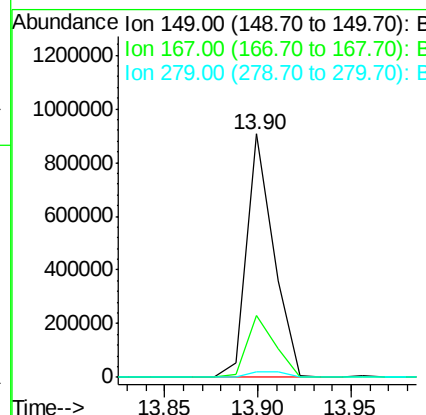
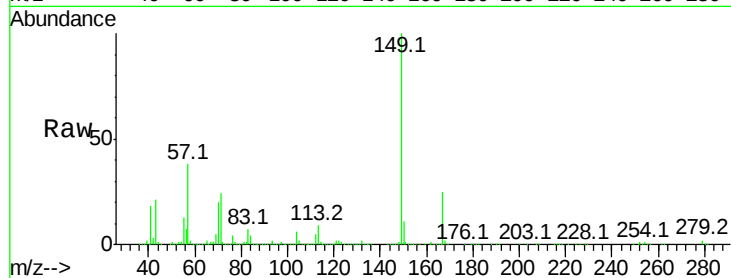
ClientSampleId :

PB97426BS

Tot Ion:	149	Resp:	914337
Ion Ratio	Lower	Upper	
149	100		
167	25.3	20.2	30.4
279	2.1	1.8	2.8

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 39.50 ng

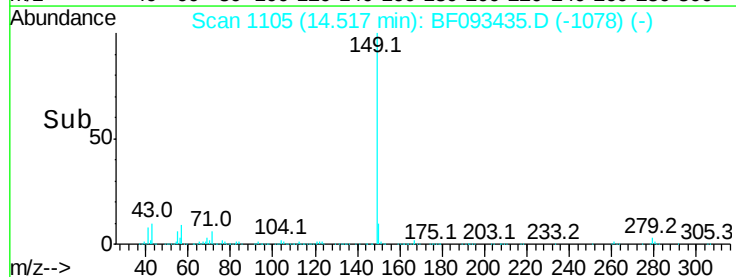
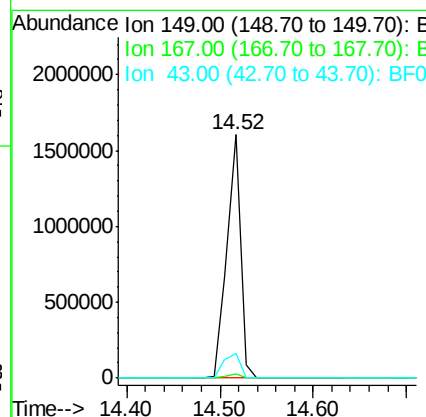
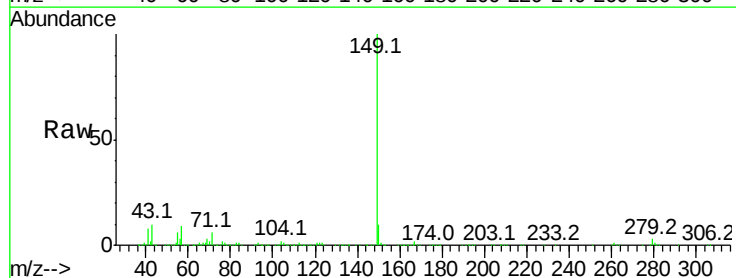
RT: 14.52 min Scan# 1105

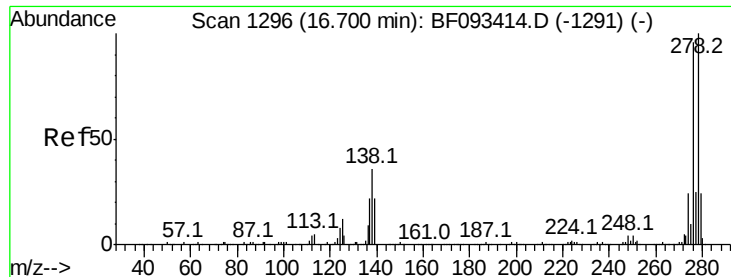
Delta R.T. 0.01 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Tgt Ion:	149	Resp:	1629782
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	12.2	8.9	13.3





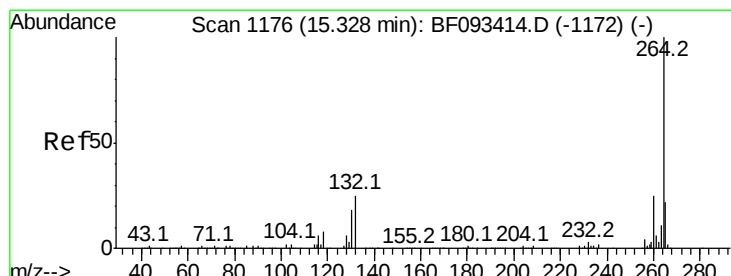
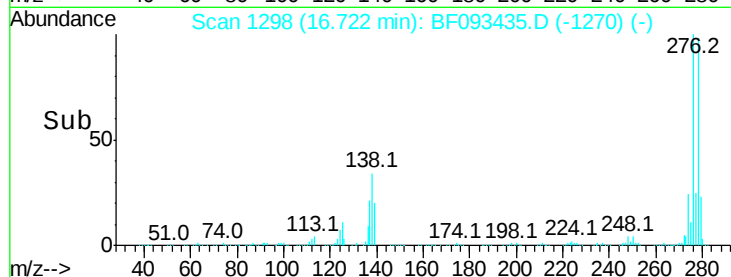
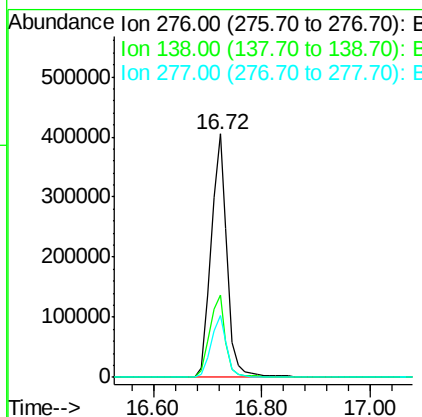
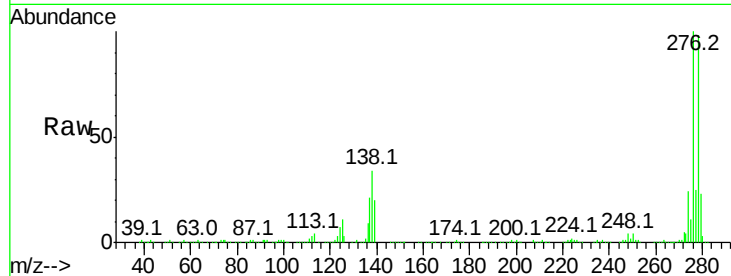
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.59 ng
 RT: 16.72 min Scan# 1298
 Delta R.T. 0.02 min
 Lab File: BF093435.D
 Acq: 8 Mar 2017 18:23

Instrument :
 BNA_F
 ClientSampleId :
 PB97426BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	838135		
138	33.8	21.8	32.6	
277	25.1	20.2	30.4	

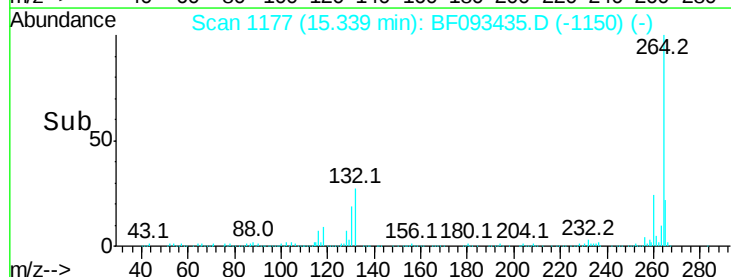
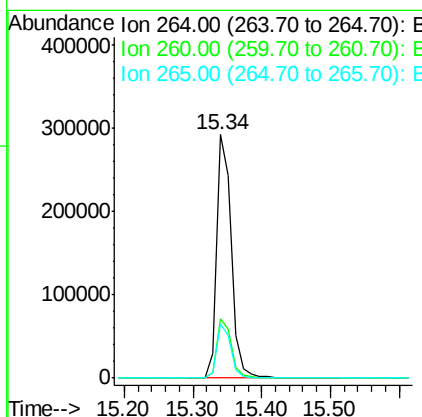
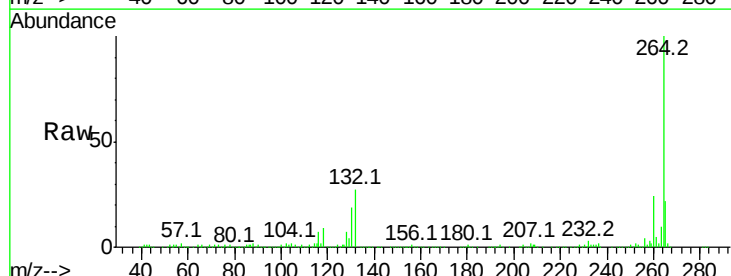
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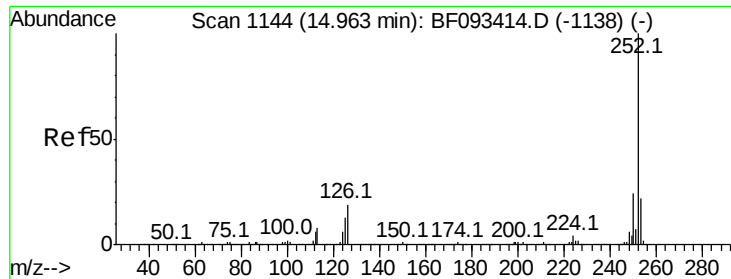
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.34 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: BF093435.D
 Acq: 8 Mar 2017 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	440164		
260	24.2	19.2	28.8	
265	22.2	17.4	26.0	





#87

Benzo(b)fluoranthene

Concen: 42.92 ng m

RT: 14.95 min Scan# 1143

Delta R.T. 0.01 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Instrument :

BNA_F

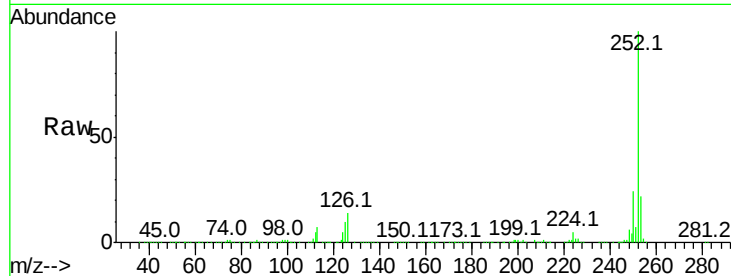
ClientSampleId :

PB97426BS

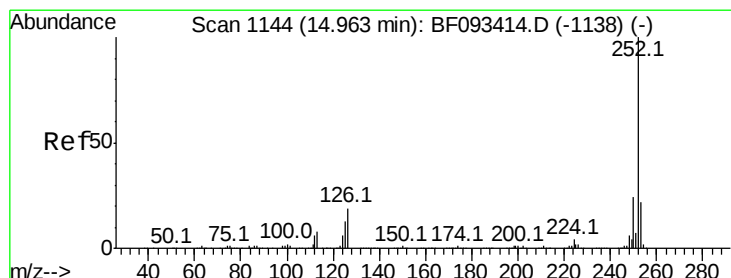
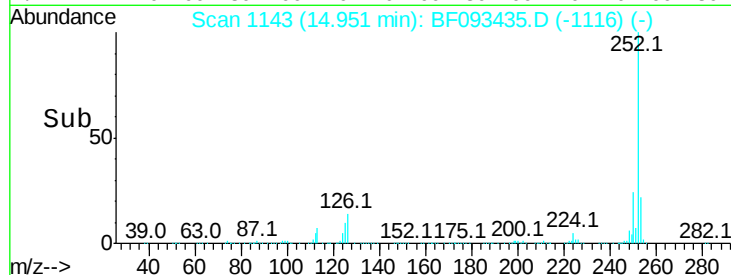
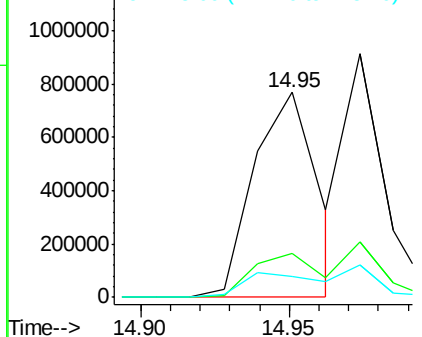
Tot Ion:	252	Resp:	1150620
Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.4
125	10.3	9.8	14.6

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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: 32.09 ng m

RT: 14.97 min Scan# 1145

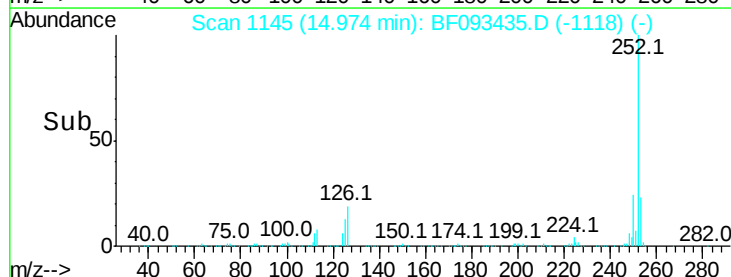
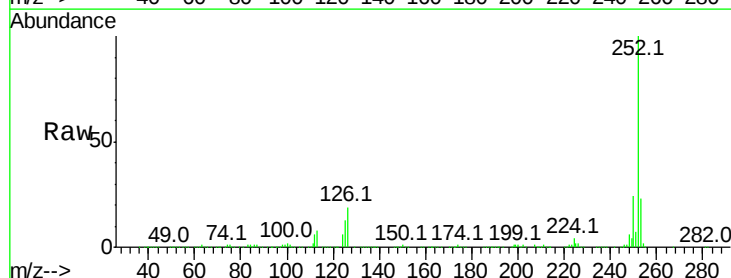
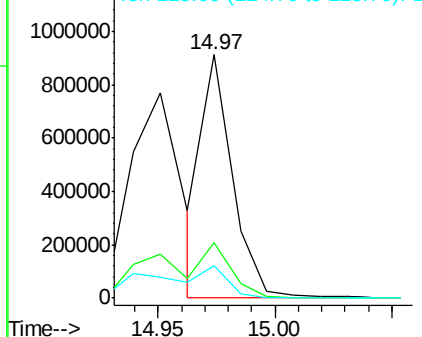
Delta R.T. 0.01 min

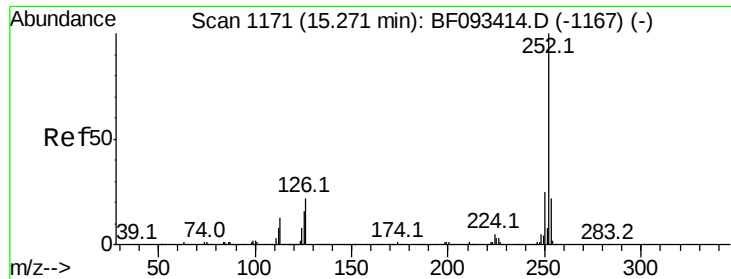
Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Tgt Ion:	252	Resp:	829721
Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.5	27.7
125	13.3	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





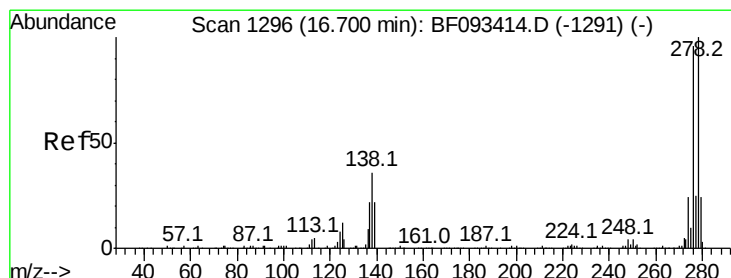
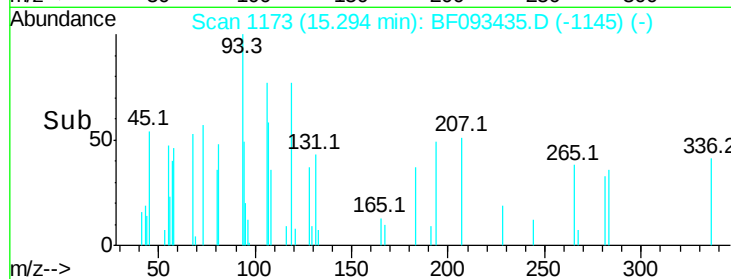
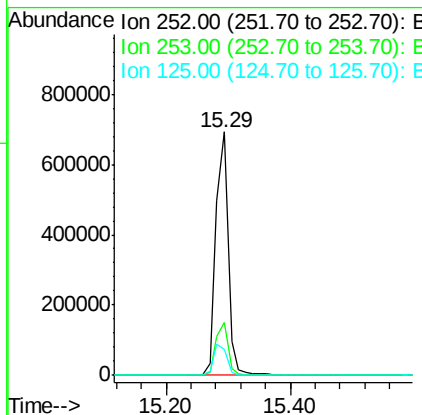
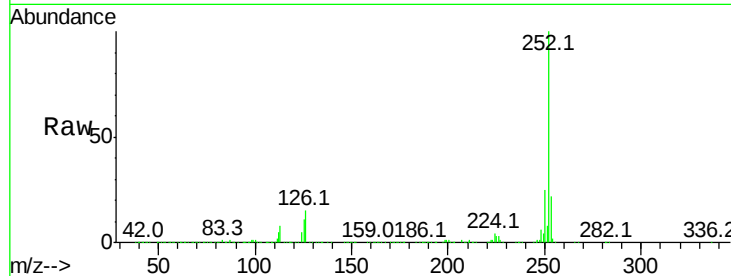
#89
Benzo(a)pyrene
Concen: 38.06 ng
RT: 15.29 min Scan# 1173
Delta R.T. 0.02 min
Lab File: BF093435.D
Acq: 8 Mar 2017 18:23

Instrument :
BNA_F
ClientSampleId :
PB97426BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.2
125	10.8	10.0	15.0

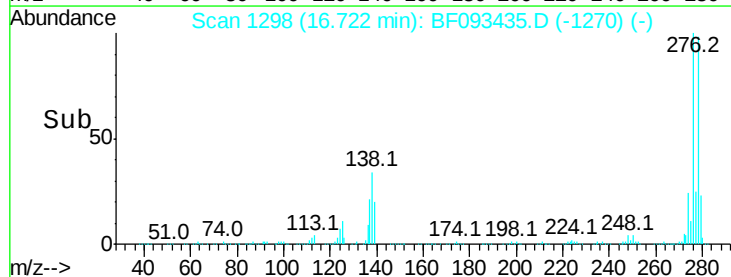
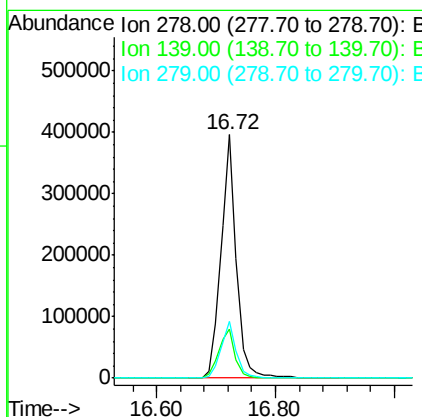
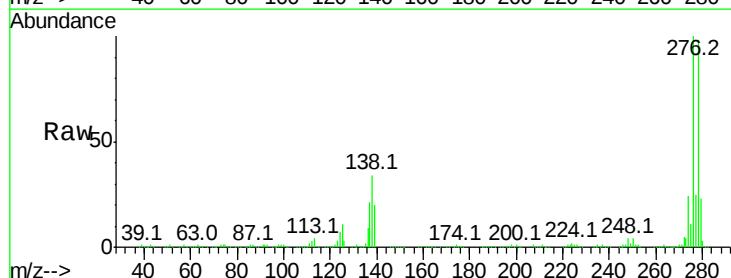
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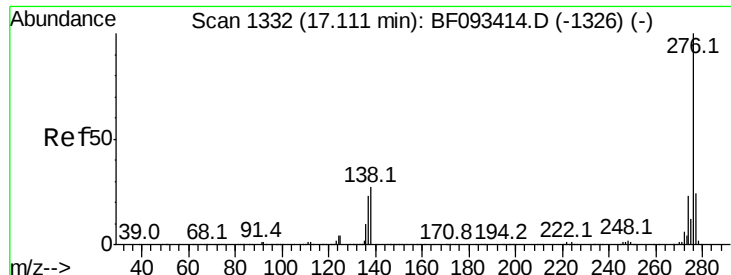
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 35.05 ng
RT: 16.72 min Scan# 1298
Delta R.T. 0.02 min
Lab File: BF093435.D
Acq: 8 Mar 2017 18:23

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.1	14.8	22.2
279	23.3	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 34.43 ng
 RT: 17.13 min Scan# 1334
 Delta R.T. 0.02 min
 Lab File: BF093435.D
 Acq: 8 Mar 2017 18:23

Instrument :
 BNA_F
 ClientSampleId :
 PB97426BS

Tot Ion:	276	Resp:	716242
Ion Ratio	Lower	Upper	
276	100		
277	24.3	19.2	28.8
138	25.3	16.0	24.0

Manual Integrations
 APPROVED

mohammad
 3/10/2017 8:11:44 AM

