

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
 Data File : BF093057.D
 Acq On : 21 Feb 2017 6:18
 Operator : SJ/MA
 Sample : PB97045BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97045BS

Manual Integrations
 APPROVED

mohammad
 2/21/2017 3:57:55 PM

Quant Time: Feb 21 06:48:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	158894	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	608063	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	305700	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	530258	20.00	ng	0.00
75) Chrysene-d12	14.01	240	313787	20.00	ng	-0.01
86) Perylene-d12	15.44	264	304852	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	859194	92.77	ng	0.00
7) Phenol-d6	6.49	99	991232	83.18	ng	0.00
23) Nitrobenzene-d5	7.42	82	965349	88.41	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	192558	87.09	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1674991	99.27	ng	0.00
78) Terphenyl-d14	12.96	244	1173403	87.87	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	150394	30.05	ng	# 84
3) Pyridine	3.18	79	435933	34.26	ng	88
4) n-Nitrosodimethylamine	3.14	42	246967	41.33	ng	90
6) Aniline	6.51	93	496983	30.57	ng	# 51
8) 2-Chlorophenol	6.64	128	453565	44.39	ng	89
9) Benzaldehyde	6.38	77	66547	7.79	ng	83
10) Phenol	6.50	94	537927	38.58	ng	90
11) bis(2-Chloroethyl)ether	6.58	93	457228	41.09	ng	90
12) 1,3-Dichlorobenzene	6.78	146	490397	40.98	ng	# 95
13) 1,4-Dichlorobenzene	6.86	146	512232	42.29	ng	96
14) 1,2-Dichlorobenzene	7.01	146	459433	39.67	ng	96
15) Benzyl Alcohol	6.99	79	371501	42.11	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	778569	40.27	ng	96
17) 2-Methylphenol	7.12	107	394393	44.99	ng	97
18) Hexachloroethane	7.36	117	162762	39.36	ng	90
19) n-Nitroso-di-n-propylamine	7.26	70	311589	41.08	ng	96
20) 3+4-Methylphenols	7.26	107	462348	44.12	ng	# 70
22) Acetophenone	7.26	105	594126	42.79	ng	# 95
24) Nitrobenzene	7.44	77	464634	41.44	ng	99
25) Isophorone	7.68	82	899617	44.21	ng	95
26) 2-Nitrophenol	7.76	139	253277	47.52	ng	96
27) 2,4-Dimethylphenol	7.80	122	444453	47.48	ng	94
28) bis(2-Chloroethoxy)methane	7.89	93	606232	44.99	ng	100
29) 2,4-Dichlorophenol	8.00	162	380315	43.57	ng	86
30) 1,2,4-Trichlorobenzene	8.08	180	396107	42.11	ng	94
31) Naphthalene	8.16	128	1190768	38.63	ng	99
32) Benzoic acid	7.94	122	234610	44.80	ng	97
33) 4-Chloroaniline	8.21	127	256581	21.22	ng	98
34) Hexachlorobutadiene	8.27	225	203681	39.35	ng	99
35) Caprolactam	8.59	113	136303m	49.64	ng	
36) 4-Chloro-3-methylphenol	8.70	107	405961	44.60	ng	98
37) 2-Methylnaphthalene	8.85	142	895138	45.23	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	349507	40.73	ng	99
40) Hexachlorocyclopentadiene	9.00	237	263658	68.10	ng	97

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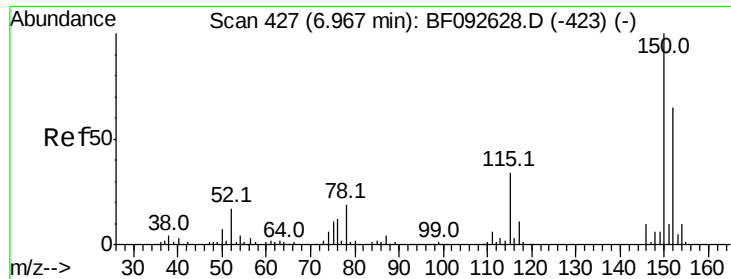
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.14	196	265346	47.06	nq	96
43) 2,4,5-Trichlorophenol	9.18	196	281790	45.61	nq	# 83
45) 1,1'-Biphenyl	9.31	154	980295	44.28	nq	96
46) 2-Chloronaphthalene	9.34	162	837924	48.39	nq	95
47) 2-Nitroaniline	9.44	65	248858	42.74	nq	95
48) Acenaphthylene	9.76	152	1290638	43.14	nq	99
49) Dimethylphthalate	9.62	163	923174	44.83	nq	99
50) 2,6-Dinitrotoluene	9.69	165	232848	52.36	nq	89
51) Acenaphthene	9.93	154	751376	42.01	nq	98
52) 3-Nitroaniline	9.85	138	138901	27.29	nq	90
53) 2,4-Dinitrophenol	9.96	184	178743	79.07	nq	# 63
54) Dibenzofuran	10.10	168	1071360	44.79	nq	96
55) 4-Nitrophenol	10.03	139	332544	90.73	nq	87
56) 2,4-Dinitrotoluene	10.09	165	256445	43.32	nq	97
57) Fluorene	10.44	166	843929	45.86	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.22	232	215388	52.26	nq	93
59) Diethylphthalate	10.32	149	898671	46.31	nq	99
60) 4-Chlorophenyl-phenylether	10.43	204	357995	40.49	nq	92
61) 4-Nitroaniline	10.46	138	211620	40.60	nq	94
62) Azobenzene	10.59	77	1007566	50.26	nq	97
64) 4,6-Dinitro-2-methylphenol	10.50	198	141674	44.12	nq	77
65) n-Nitrosodiphenylamine	10.56	169	803829	47.45	nq	100
66) 4-Bromophenyl-phenylether	10.92	248	236239	42.64	nq	92
67) Hexachlorobenzene	10.99	284	238900	43.64	nq	98
68) Atrazine	11.08	200	219267	40.34	nq	99
69) Pentachlorophenol	11.18	266	226375	80.09	nq	97
70) Phenanthrene	11.40	178	1201732	39.56	nq	99
71) Anthracene	11.46	178	1301069	42.65	nq	98
72) Carbazole	11.61	167	1036164	35.53	nq	100
73) Di-n-butylphthalate	11.94	149	1476146	46.80	nq	# 97
74) Fluoranthene	12.59	202	1190363	37.99	nq	94
76) Benzidine	12.72	184	427526	31.97	nq	96
77) Pyrene	12.82	202	1163003	49.53	nq	99
79) Butylbenzylphthalate	13.44	149	568400	59.61	nq	# 76
80) Benzo(a)anthracene	14.00	228	808373	42.12	nq	100
81) 3,3'-Dichlorobenzidine	13.96	252	245809	35.93	nq	97
82) Chrysene	14.04	228	793631	44.17	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	713136	54.68	nq	100
84) Di-n-octyl phthalate	14.60	149	1168382	55.02	nq	99
85) Indeno(1,2,3-cd)pyrene	16.85	276	866408	62.25	nq	# 94
87) Benzo(b)fluoranthene	15.03	252	948096m	47.25	nq	
88) Benzo(k)fluoranthene	15.06	252	574879m	33.18	nq	
89) Benzo(a)pyrene	15.38	252	748361	43.12	nq	97
90) Dibenzo(a,h)anthracene	16.87	278	729318	51.99	nq	98
91) Benzo(g,h,i)perylene	17.28	276	748402	52.81	nq	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF093057.D

Acq: 21 Feb 2017 6:18

Instrument :

BNA_F

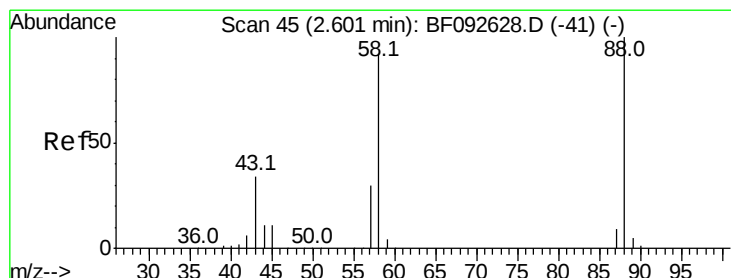
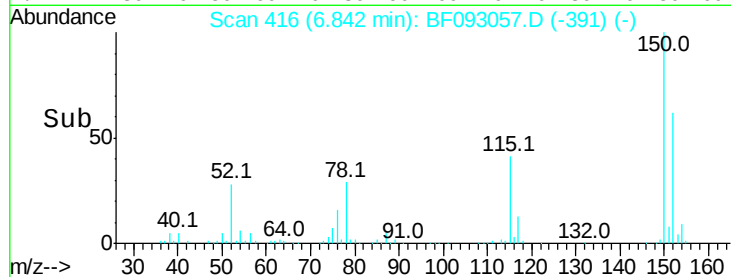
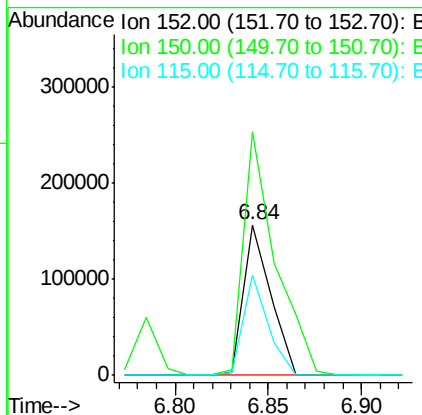
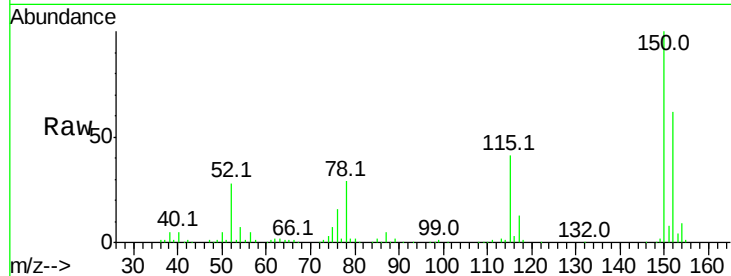
ClientSampleId :

PB97045BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.1	124.9	187.3
115	67.0	46.0	69.0

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#2

1,4-Dioxane

Concen: 30.05 ng

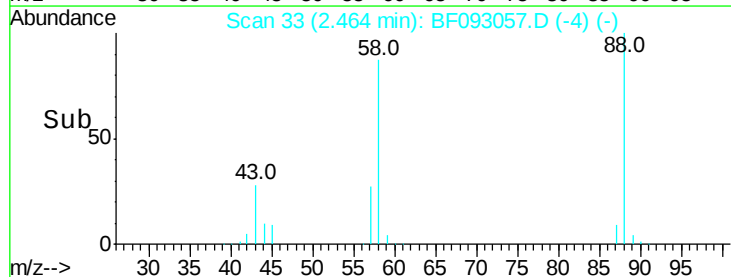
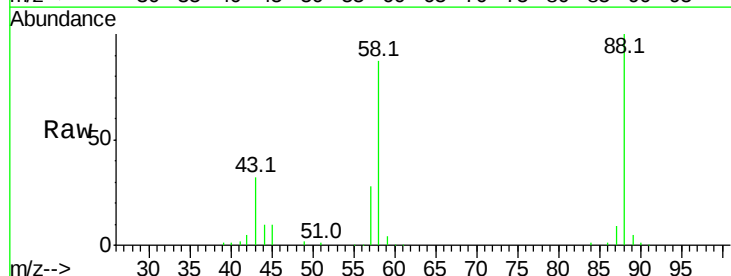
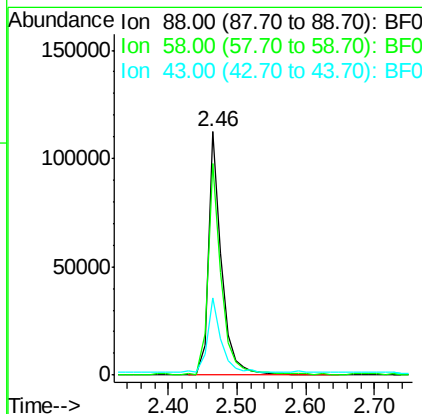
RT: 2.46 min Scan# 33

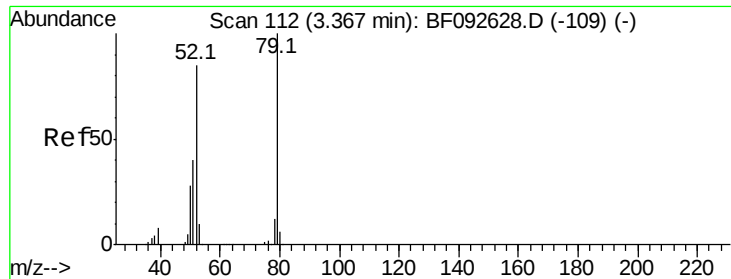
Delta R.T. 0.03 min

Lab File: BF093057.D

Acq: 21 Feb 2017 6:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.2	57.8	86.8#
43	31.3	22.3	33.5





#3

Pvridine

Concen: 34.26 ng

RT: 3.18 min Scan# 96

Delta R.T. 0.03 min

Lab File: BF093057.D

Acq: 21 Feb 2017 6:18

Instrument :

BNA_F

ClientSampleId :

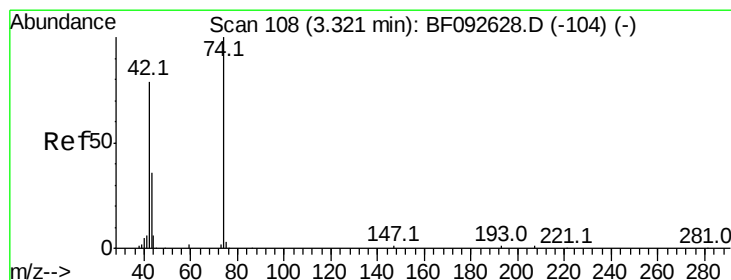
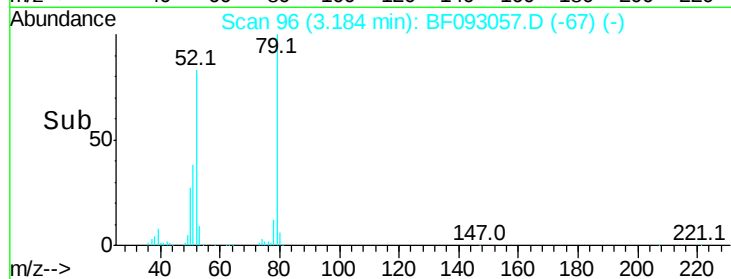
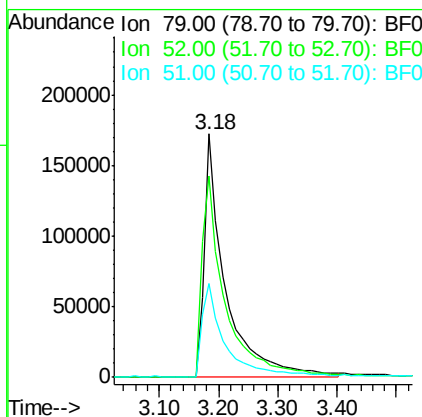
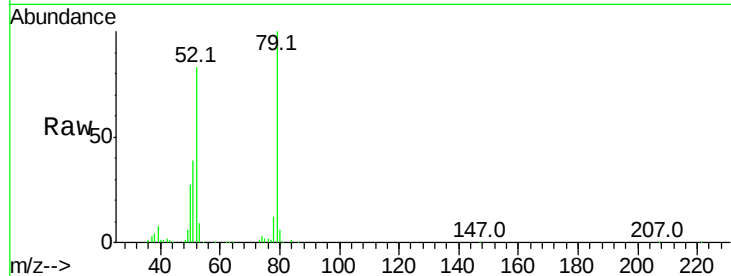
PB97045BS

Tot Ion: 79 Resp: 435933

Ion	Ratio	Lower	Upper
79	100		
52	82.5	57.1	85.7
51	38.7	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 41.33 ng

RT: 3.14 min Scan# 92

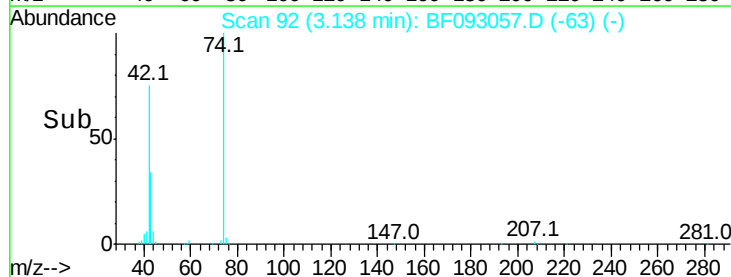
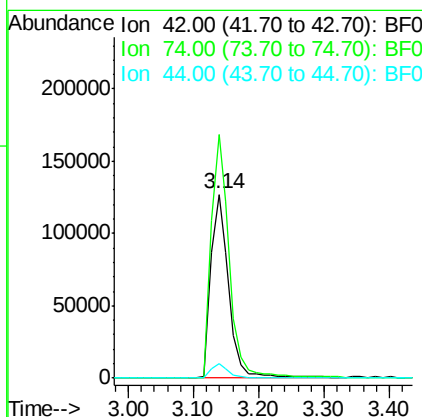
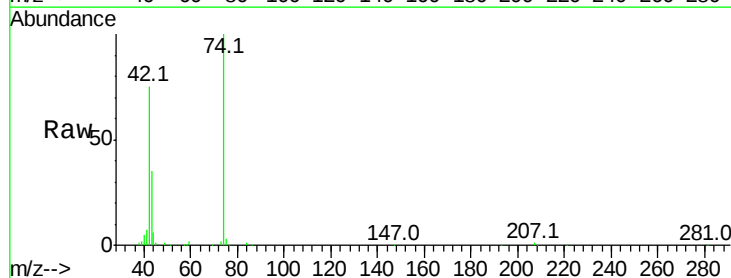
Delta R.T. 0.03 min

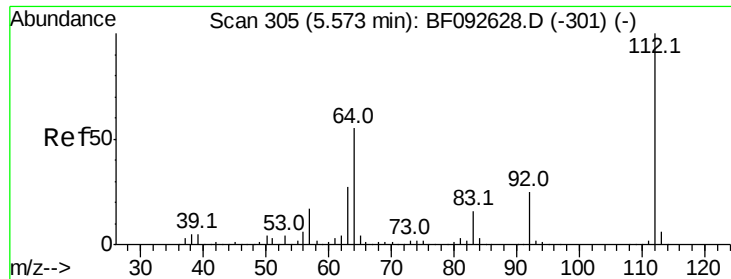
Lab File: BF093057.D

Acq: 21 Feb 2017 6:18

Tgt Ion: 42 Resp: 246967

Ion	Ratio	Lower	Upper
42	100		
74	132.7	117.0	175.4
44	7.8	5.5	8.3





#5

2-Fluorophenol

Concen: 92.77 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.00 min

Lab File: BF093057.D

Acq: 21 Feb 2017 6:18

Instrument :

BNA_F

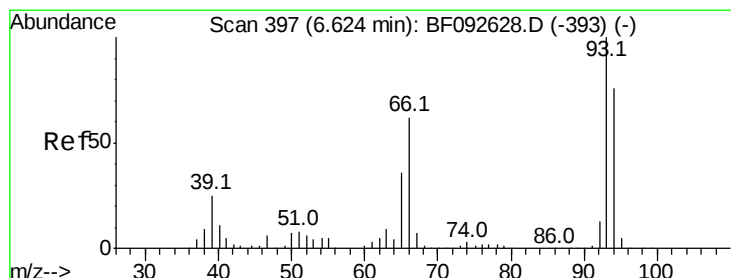
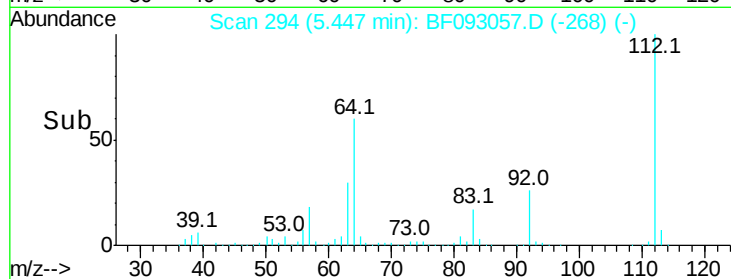
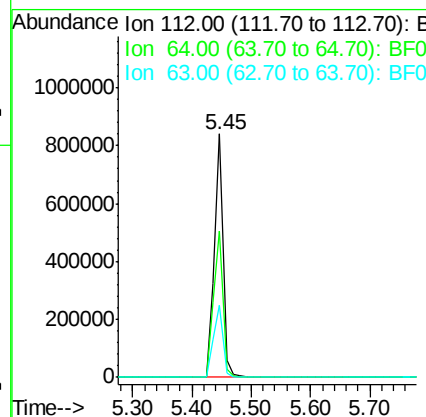
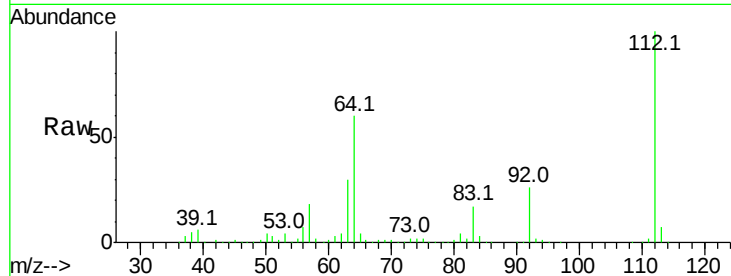
ClientSampleId :

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Tot Ion:	112	Resp:	859194
Ion Ratio	Lower	Upper	
112	100		
64	60.2	46.1	69.1
63	29.8	23.8	35.6

Manual Integrations
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#6

Aniline

Concen: 30.57 ng

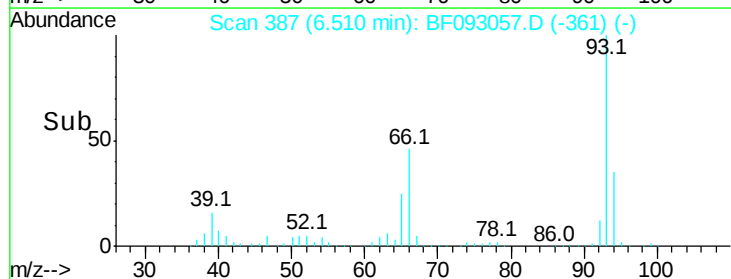
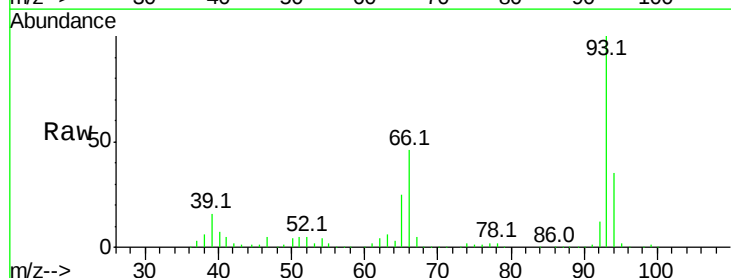
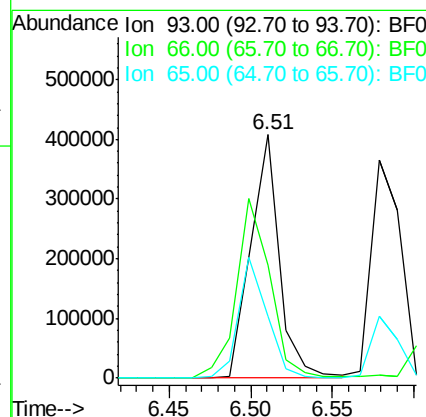
RT: 6.51 min Scan# 387

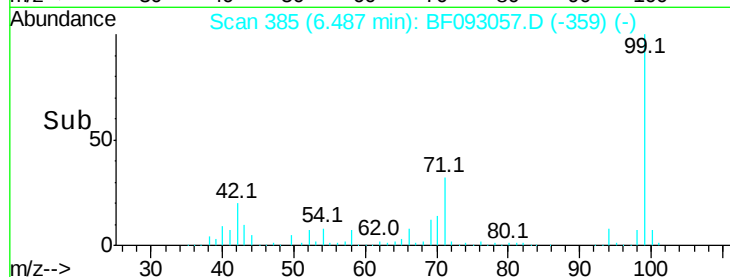
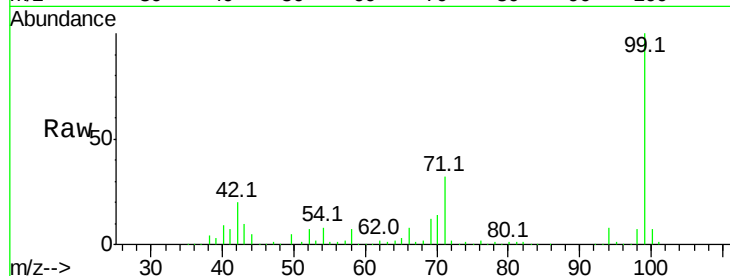
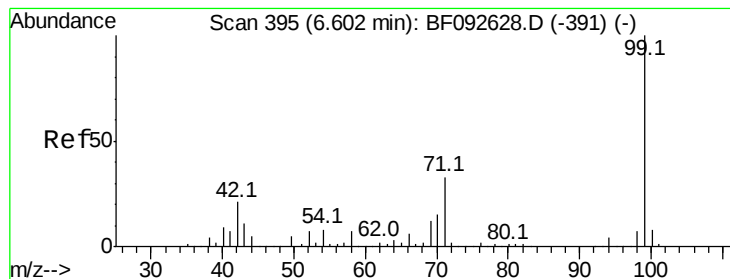
Delta R.T. -0.00 min

Lab File: BF093057.D

Acq: 21 Feb 2017 6:18

Tgt Ion:	93	Resp:	496983
Ion Ratio	Lower	Upper	
93	100		
66	46.4	76.2	114.2#
65	25.3	49.3	73.9#





#7

Phenol-d6

Concen: 83.18 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF093057.D

Acq: 21 Feb 2017 6:18

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		991232		
42	19.8	15.6	23.4		
71	32.3	27.5	41.3		

Instrument :

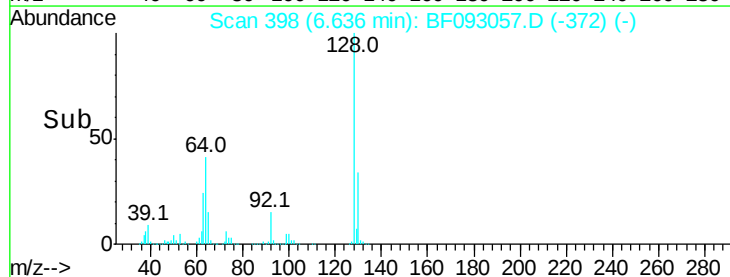
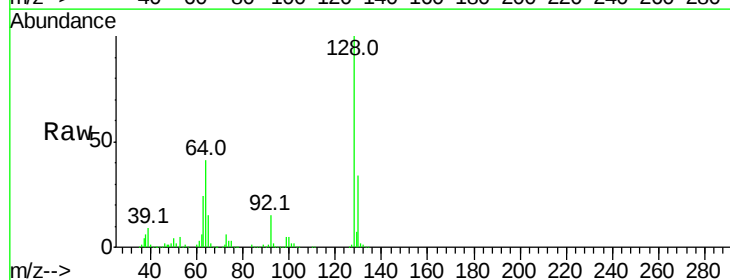
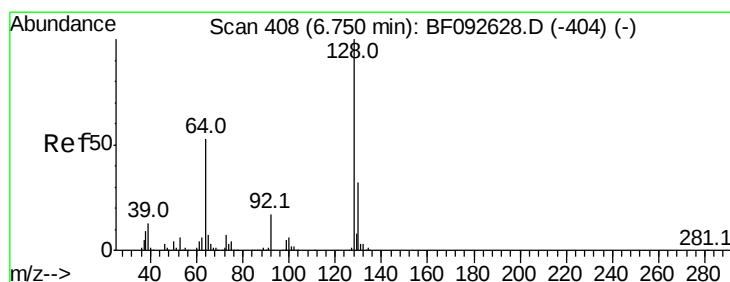
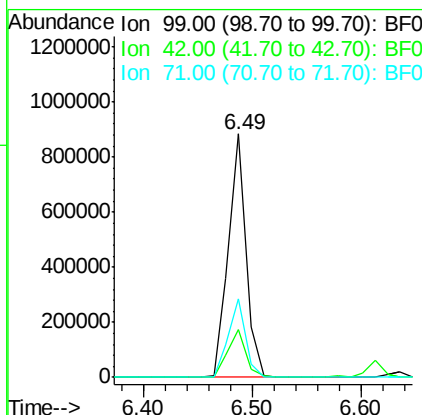
BNA_F

ClientSampled :

PB97045BS

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#8

2-Chlorophenol

Concen: 44.39 ng

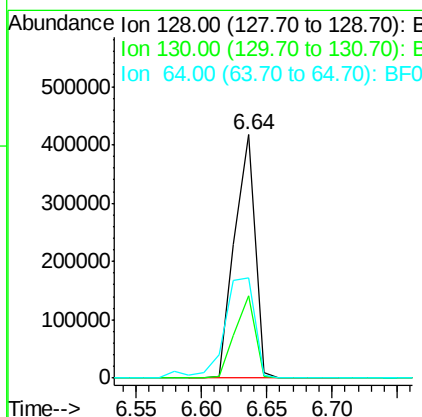
RT: 6.64 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF093057.D

Acq: 21 Feb 2017 6:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		453565		
130	33.8	12.3	52.3		
64	41.4	32.2	72.2		





#9

Benzaldehyde

Concen: 7.79 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF093057.D

Acq: 21 Feb 2017 6:18

Instrument :

BNA_F

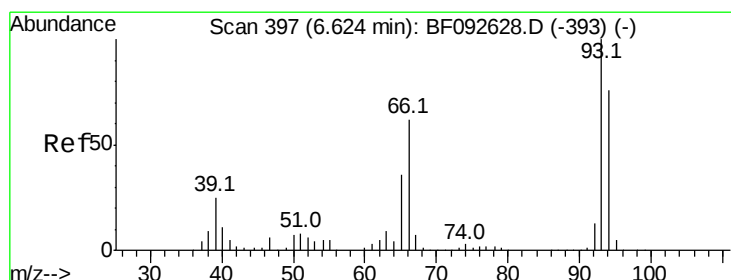
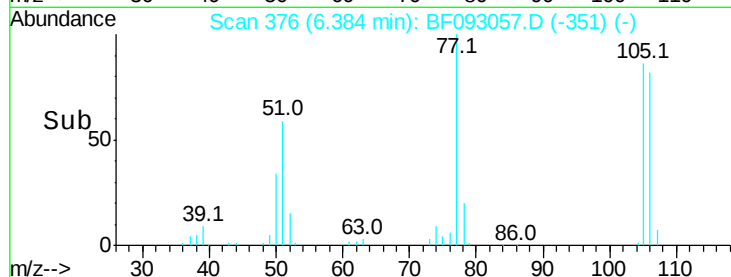
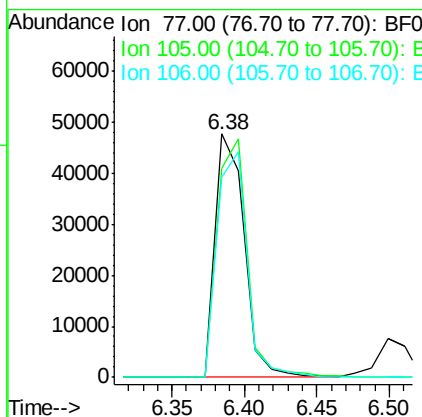
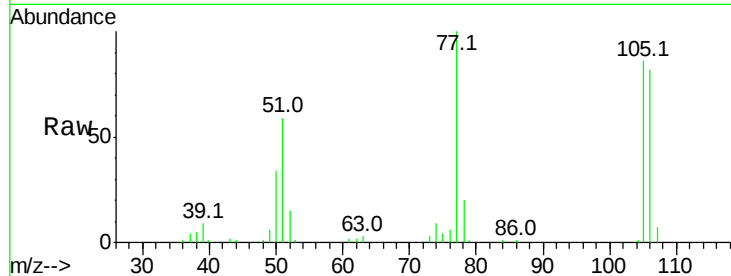
ClientSampleId :

PB97045BS

Tot Ion:	77	Resp:	66547
Ion Ratio	Lower	Upper	
77	100		
105	85.7	83.9	123.9
106	82.1	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 38.58 ng

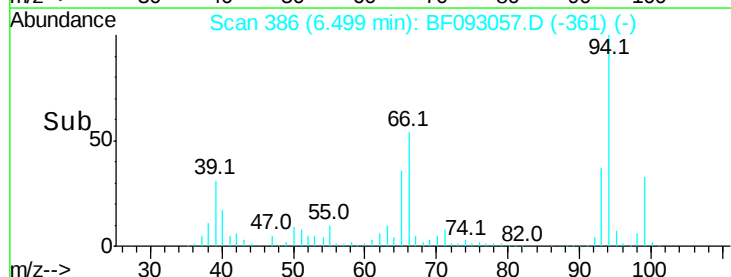
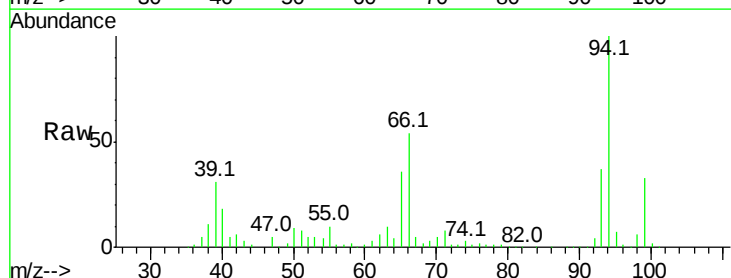
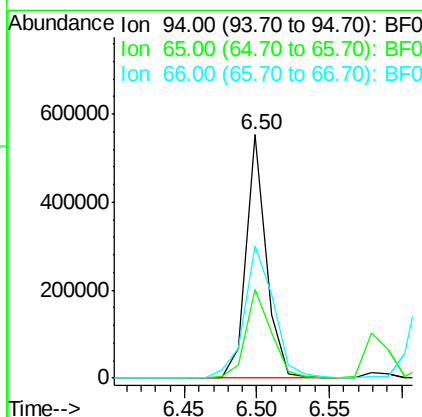
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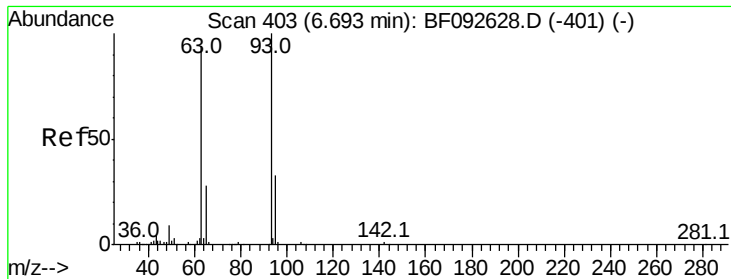
Delta R.T. -0.01 min

Lab File: BF093057.D

Acq: 21 Feb 2017 6:18

Tgt Ion:	94	Resp:	537927
Ion Ratio	Lower	Upper	
94	100		
65	36.5	21.4	61.4
66	54.5	44.0	84.0





#11

bis(2-Chloroethyl)ether

Concen: 41.09 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF093057.D

Acq: 21 Feb 2017 6:18

Instrument :

BNA_F

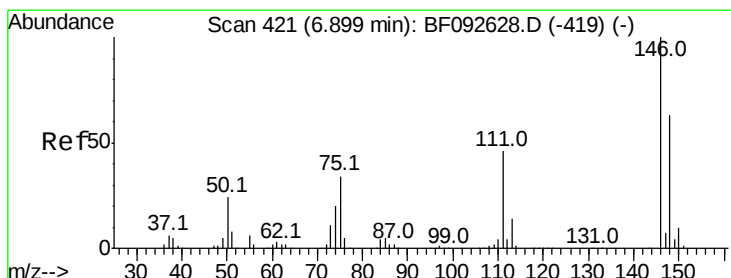
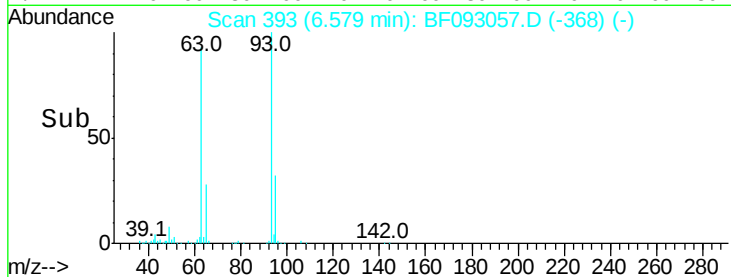
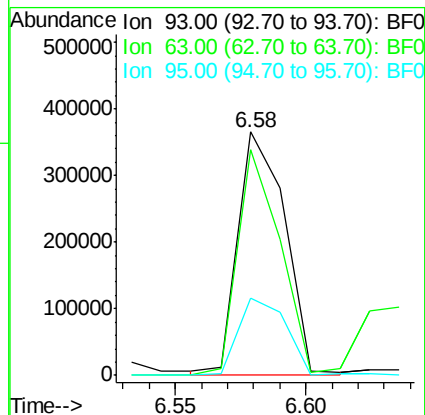
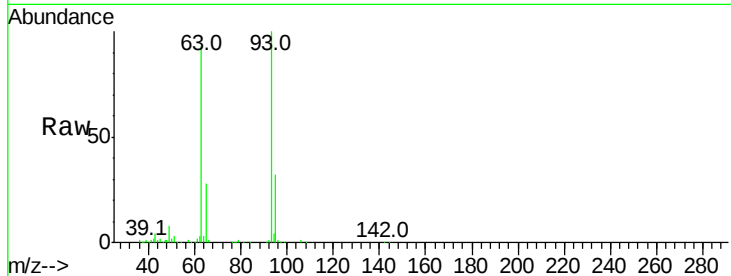
ClientSampleId :

PB97045BS

Tot Ion:	93	Resp:	457228
Ion Ratio	Lower	Upper	
93	100		
63	92.7	60.4	100.4
95	31.9	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 40.98 ng

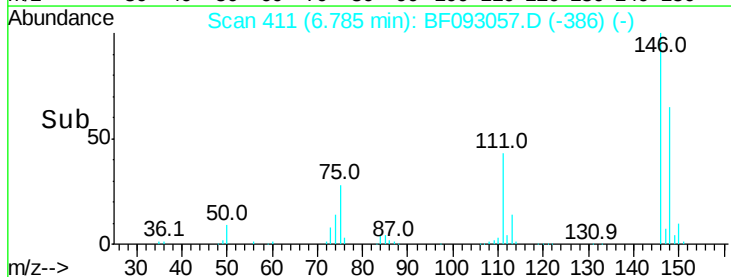
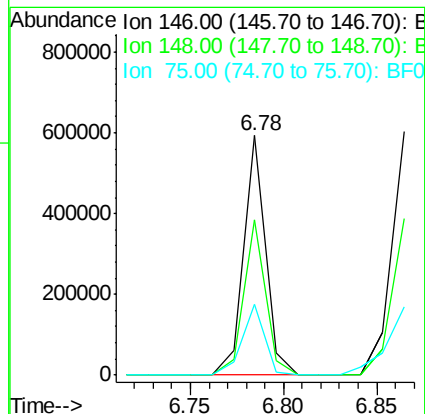
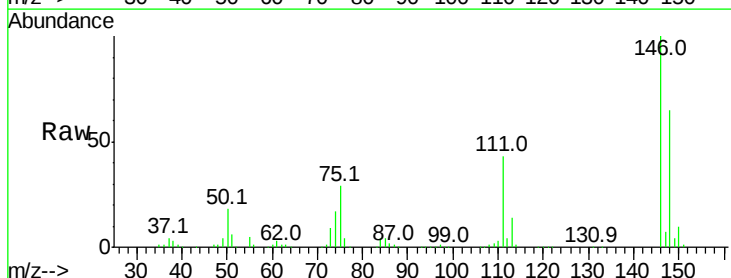
RT: 6.78 min Scan# 411

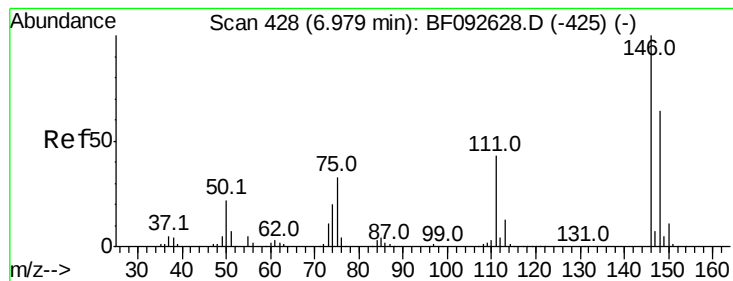
Delta R.T. -0.01 min

Lab File: BF093057.D

Acq: 21 Feb 2017 6:18

Tgt Ion:	146	Resp:	490397
Ion Ratio	Lower	Upper	
146	100		
148	64.5	53.4	80.0
75	29.5	18.5	27.7#





#13

1,4-Dichlorobenzene

Concen: 42.29 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF093057.D

Acq: 21 Feb 2017 6:18

Instrument :

BNA_F

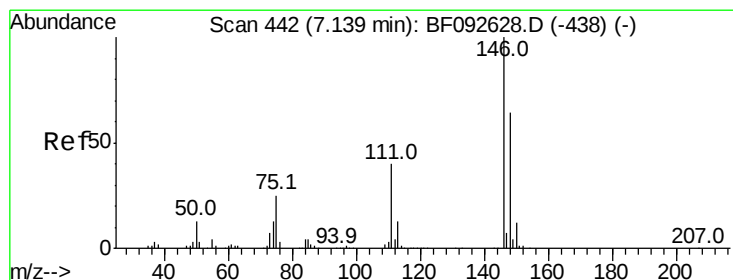
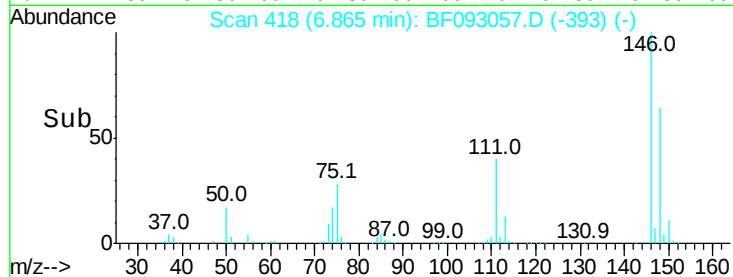
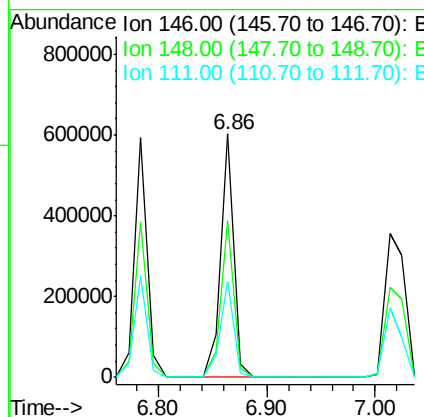
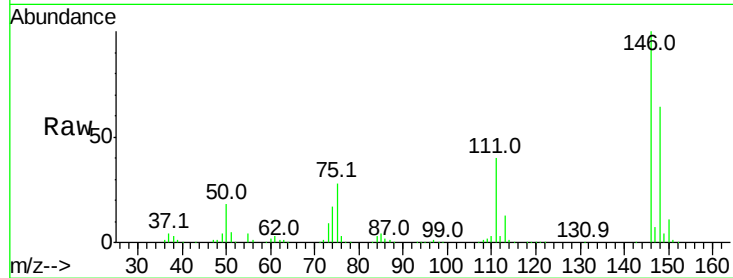
ClientSampleId :

PB97045BS

Tot Ion:	146	Resp:	512232
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.6	76.0
111	39.8	36.2	54.4

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#14

1,2-Dichlorobenzene

Concen: 39.67 ng

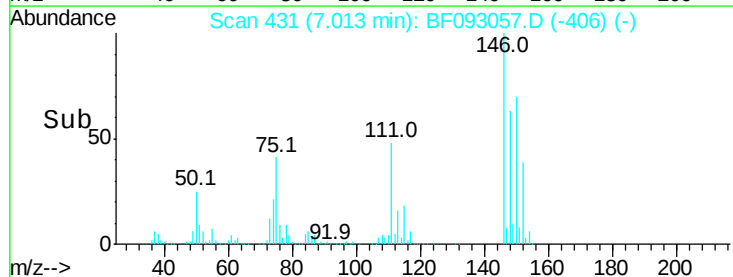
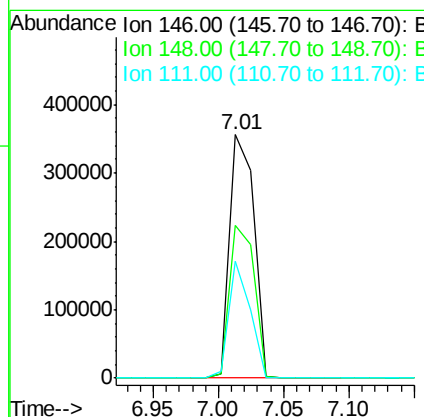
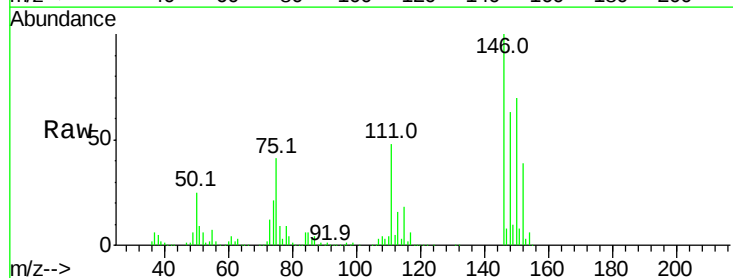
RT: 7.01 min Scan# 431

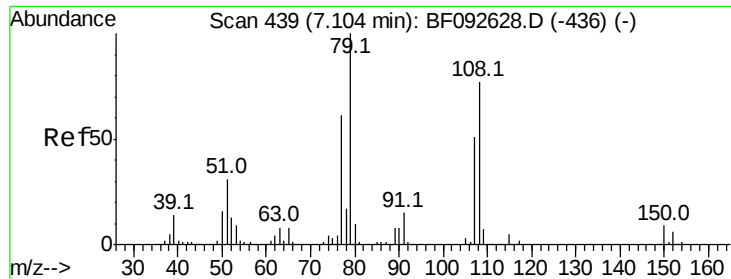
Delta R.T. -0.01 min

Lab File: BF093057.D

Acq: 21 Feb 2017 6:18

Tgt Ion:	146	Resp:	459433
Ion Ratio	Lower	Upper	
146	100		
148	62.6	52.2	78.2
111	48.2	36.2	54.2





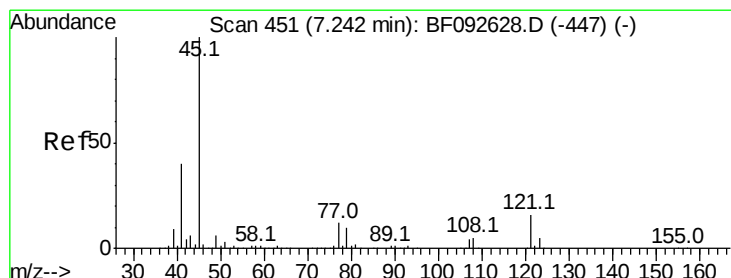
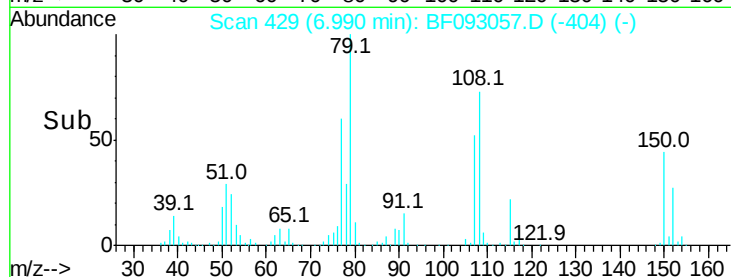
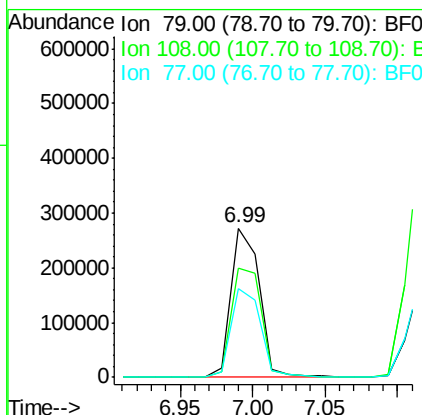
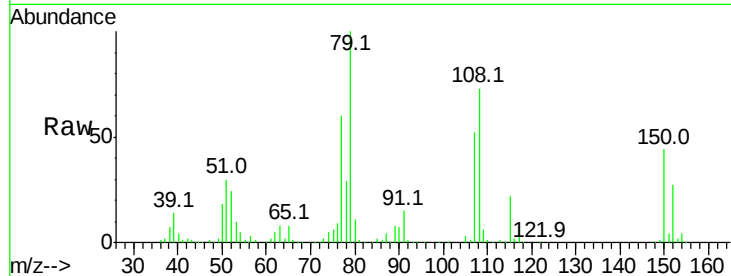
#15
Benzyl Alcohol
Concen: 42.11 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF093057.D
Acq: 21 Feb 2017 6:18

Instrument :
BNA_F
ClientSampleId :
PB97045BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.1	61.4	92.0
77	59.7	50.9	76.3

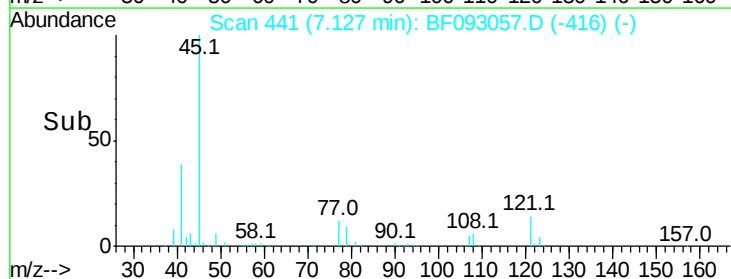
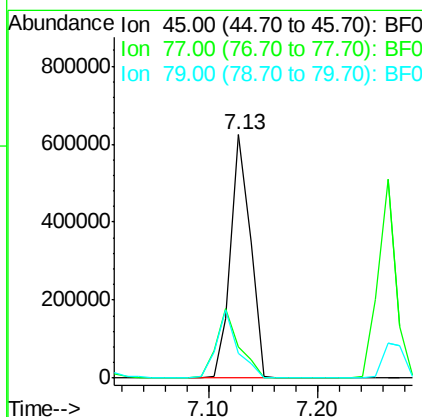
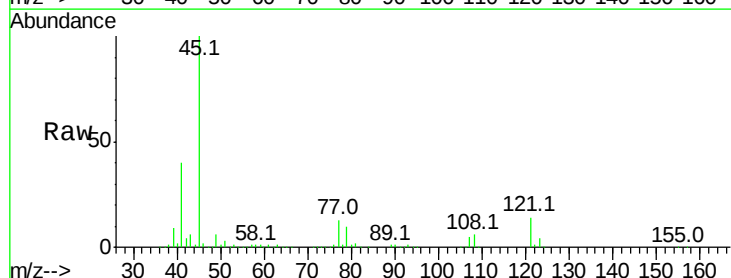
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.27 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF093057.D
Acq: 21 Feb 2017 6:18

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.6	0.0	34.6
79	10.0	0.0	31.2





#17

2-Methylphenol

Concen: 44.99 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF093057.D

Acq: 21 Feb 2017 6:18

Instrument :

BNA_F

ClientSampleId :

PB97045BS

Tot Ion:107 Resp: 394393
Ion Ratio Lower Upper

107 100

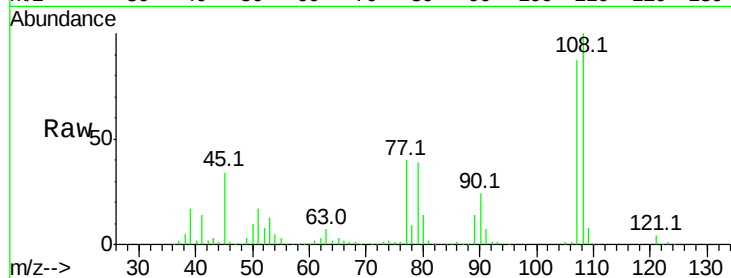
108 114.5 93.0 139.6

77 45.8 39.8 59.8

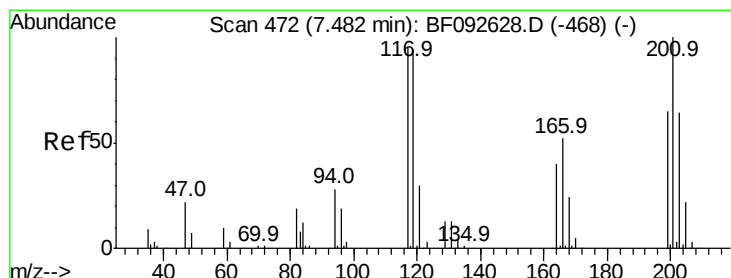
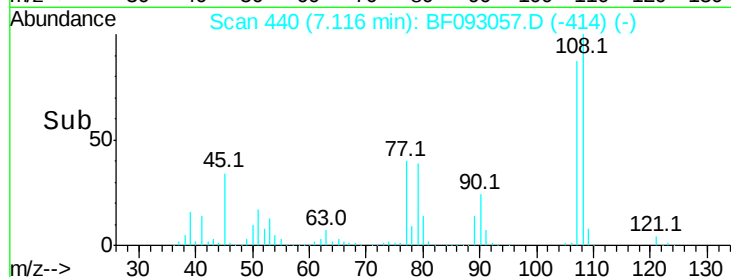
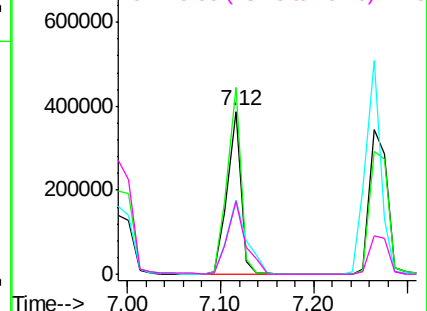
79 44.8 38.0 57.0

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.36 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF093057.D

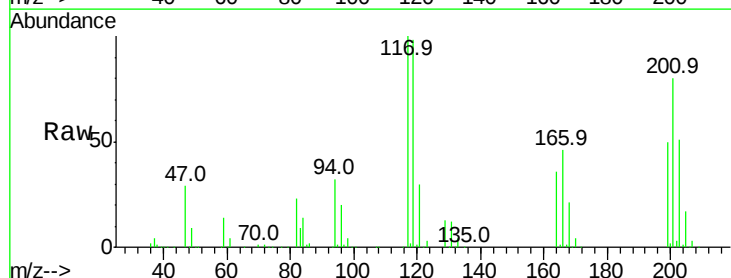
Acq: 21 Feb 2017 6:18

Tgt Ion:117 Resp: 162762
Ion Ratio Lower Upper

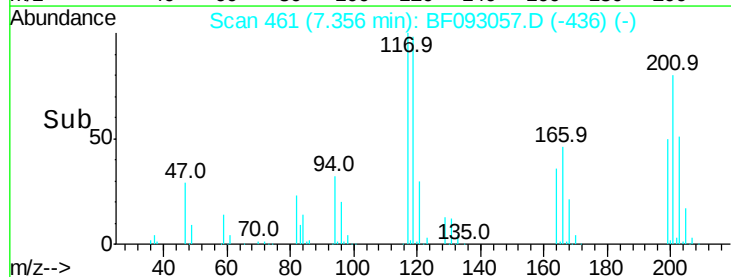
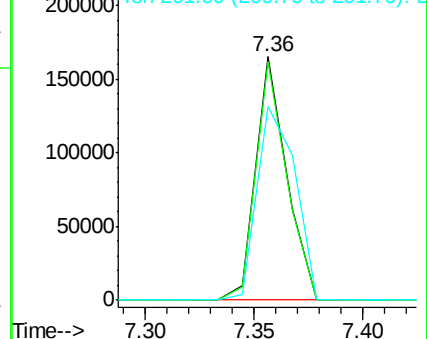
117 100

119 97.8 78.1 117.1

201 79.6 78.6 117.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





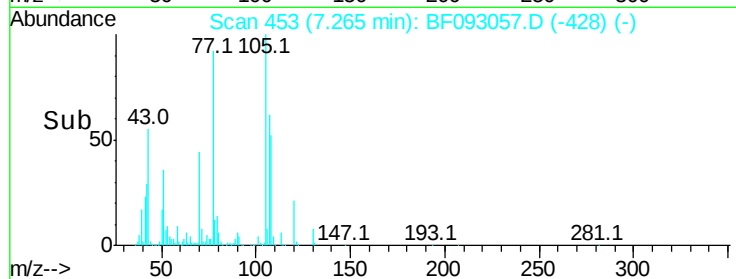
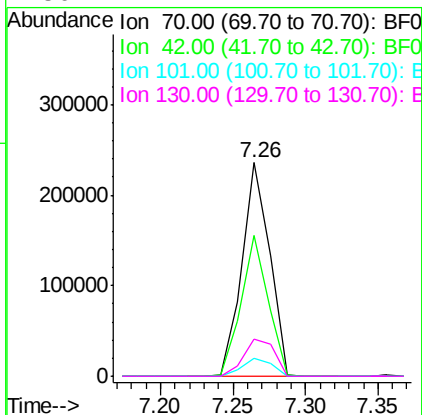
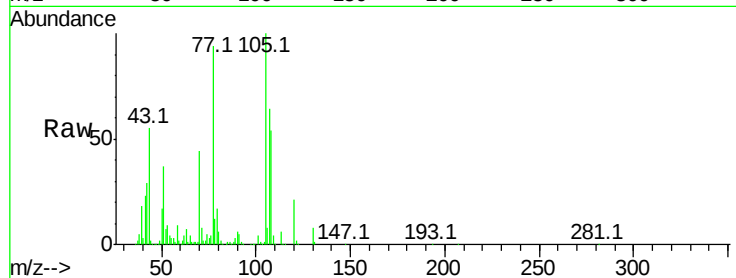
#19
n-Nitroso-di-n-propylamine
Concen: 41.08 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093057.D
Acq: 21 Feb 2017 6:18

Instrument :
BNA_F
ClientSampleId :
PB97045BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	65.8	49.4	74.0
101	8.5	7.4	11.2
130	17.4	14.2	21.4

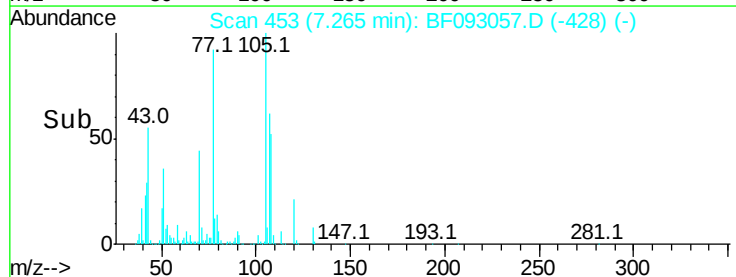
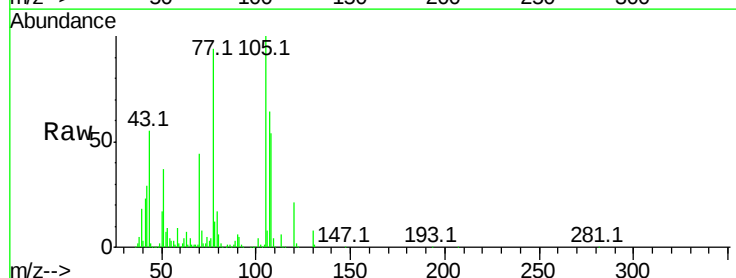
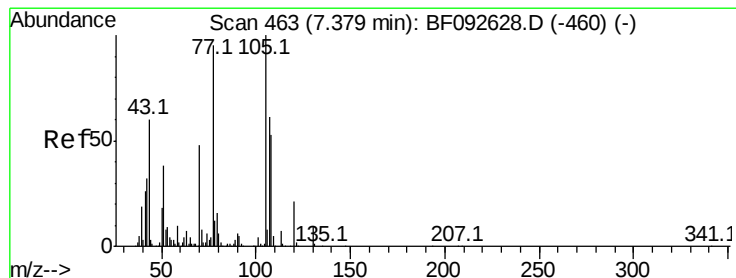
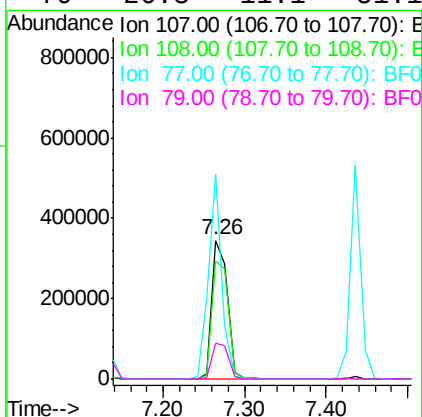
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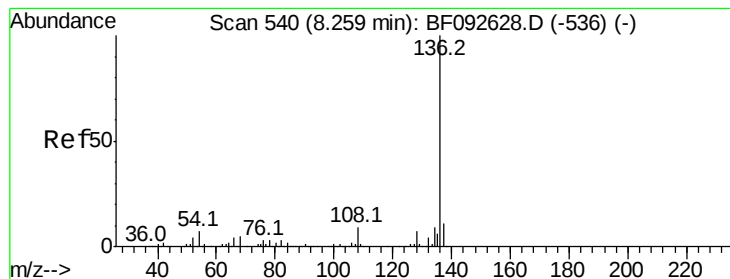
mohammad
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#20
3+4-Methylphenols
Concen: 44.12 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093057.D
Acq: 21 Feb 2017 6:18

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.7	73.0	113.0
77	147.3	71.3	111.3#
79	26.3	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF093057.D

Acq: 21 Feb 2017 6:18

Instrument :

BNA_F

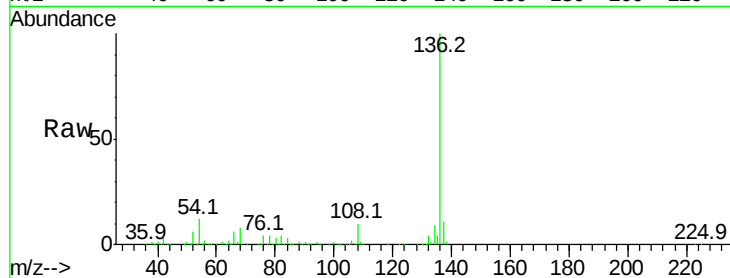
ClientSampleId :

PB97045BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	608063		
137	11.4	8.4	12.6	
54	11.7	4.5	6.7#	
68	7.9	3.6	5.4#	

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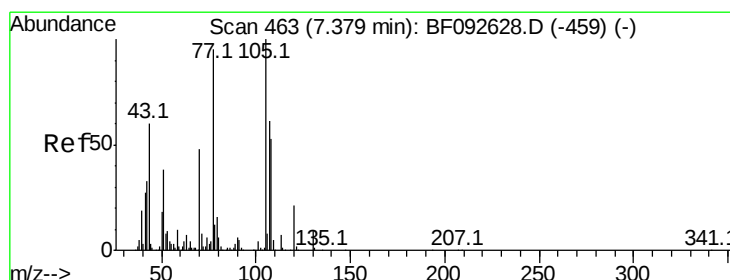
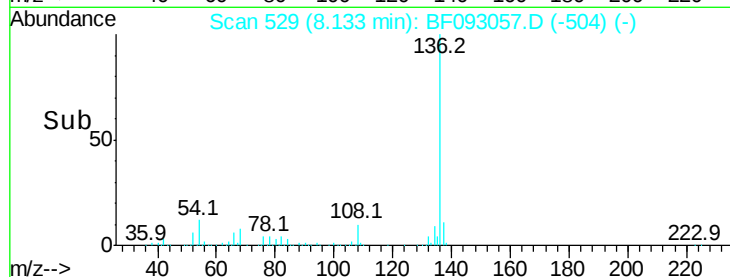
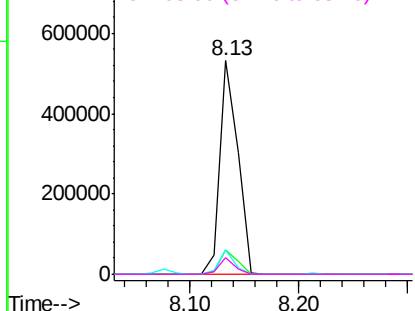
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.79 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.00 min

Lab File: BF093057.D

Acq: 21 Feb 2017 6:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	594126		
71	7.5	3.2	4.8#	
51	36.9	26.2	39.4	
120	21.4	16.6	24.8	

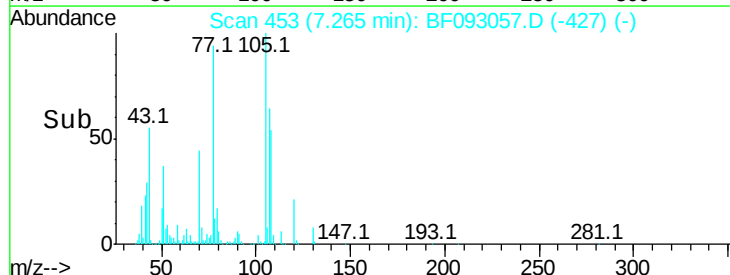
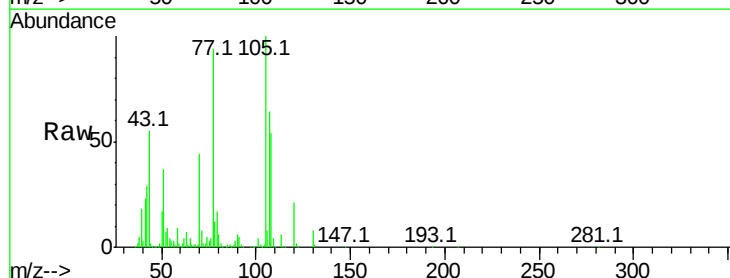
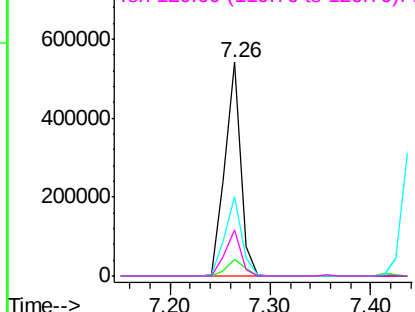
Abundance

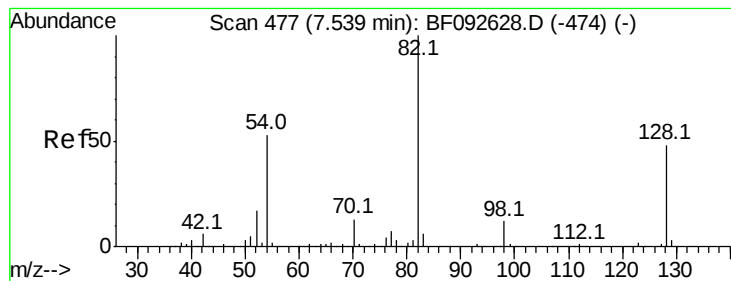
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 88.41 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.00 min

Lab File: BF093057.D

Acq: 21 Feb 2017 6:18

Instrument :

BNA_F

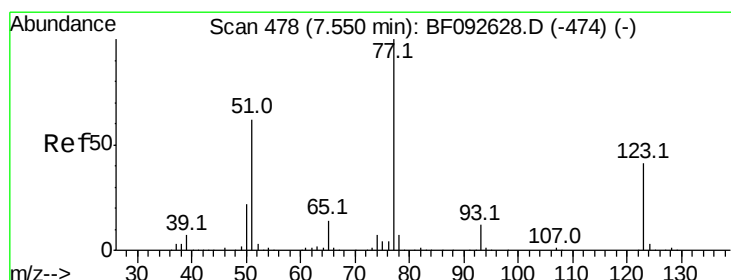
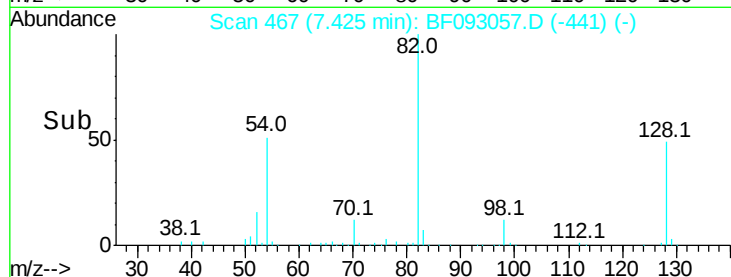
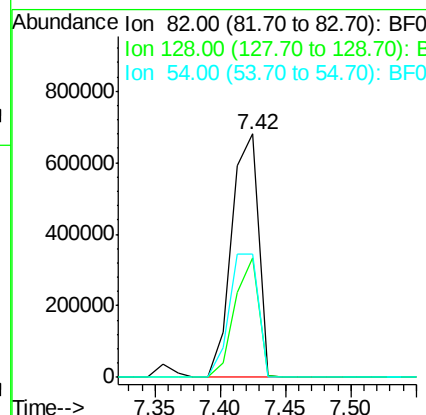
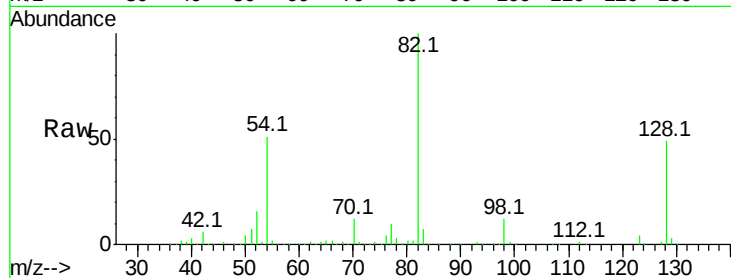
ClientSampleId :

PB97045BS

Tot Ion:	82	Resp:	965349
Ion Ratio	Lower	Upper	
82	100		
128	49.2	34.6	52.0
54	50.9	39.5	59.3

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#24

Nitrobenzene

Concen: 41.44 ng

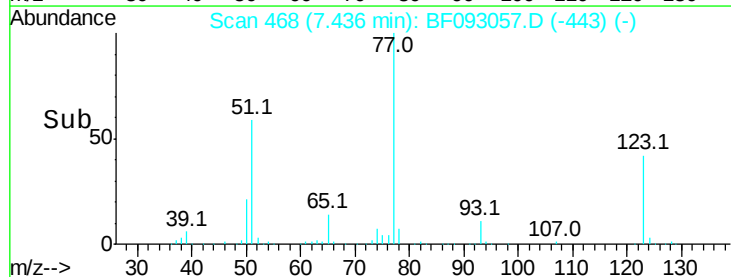
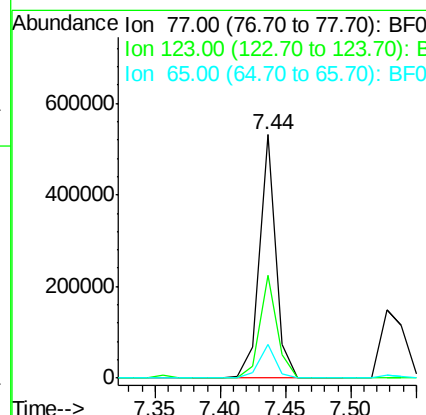
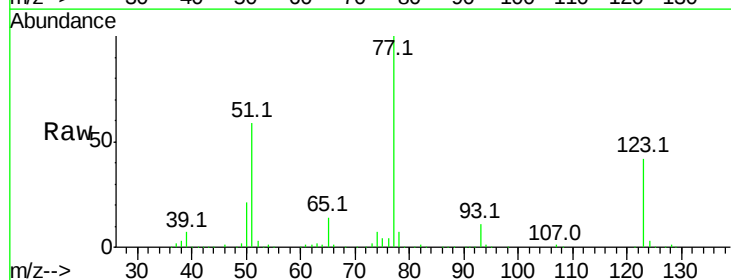
RT: 7.44 min Scan# 468

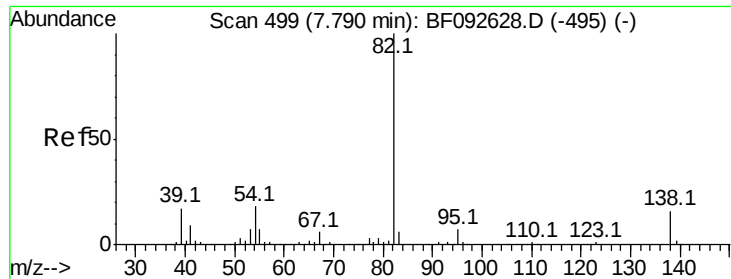
Delta R.T. -0.01 min

Lab File: BF093057.D

Acq: 21 Feb 2017 6:18

Tgt Ion:	77	Resp:	464634
Ion Ratio	Lower	Upper	
77	100		
123	42.2	33.0	49.4
65	14.0	11.2	16.8





#25

Isophorone

Concen: 44.21 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF093057.D

Acq: 21 Feb 2017 6:18

Instrument :

BNA_F

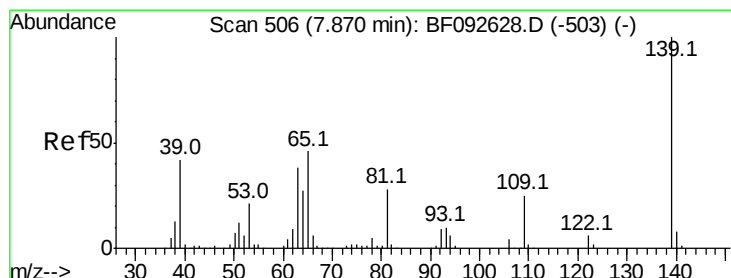
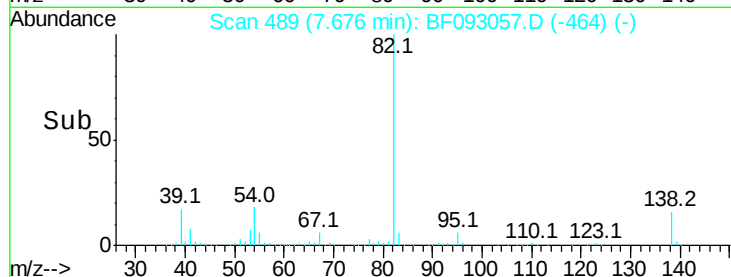
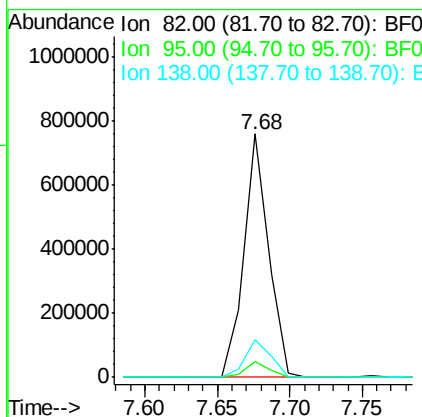
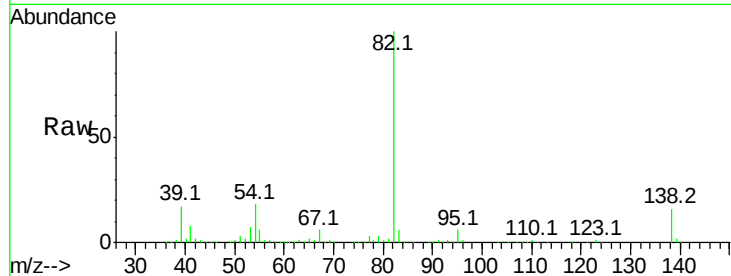
ClientSampleId :

PB97045BS

Tot Ion:	82	Resp:	899617
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.6	8.4
138	15.6	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.52 ng

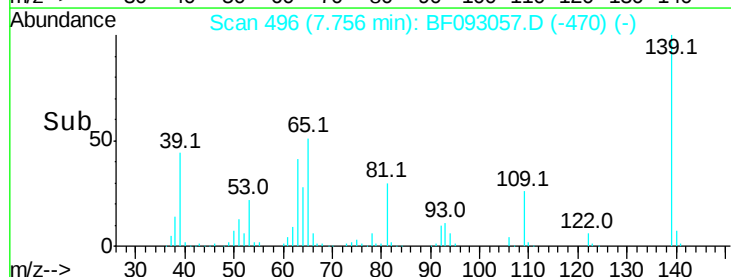
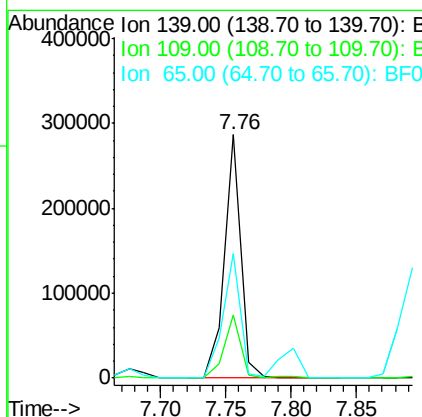
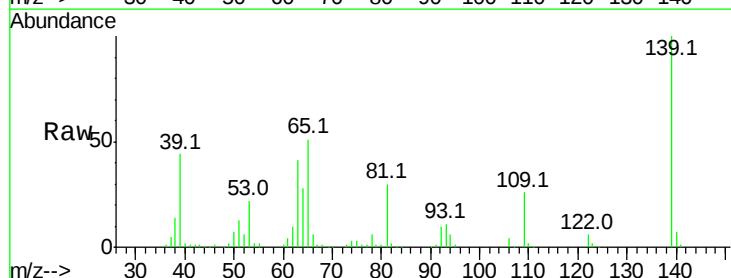
RT: 7.76 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF093057.D

Acq: 21 Feb 2017 6:18

Tgt Ion:	139	Resp:	253277
Ion Ratio	Lower	Upper	
139	100		
109	25.9	23.3	34.9
65	51.0	42.7	64.1





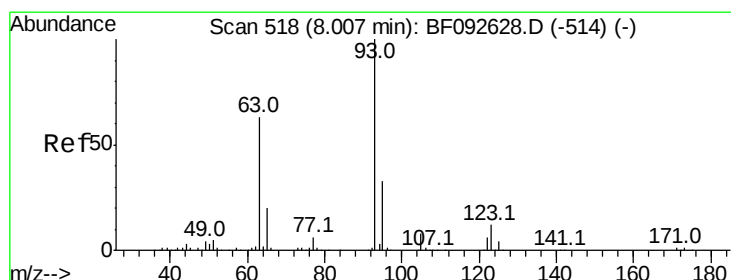
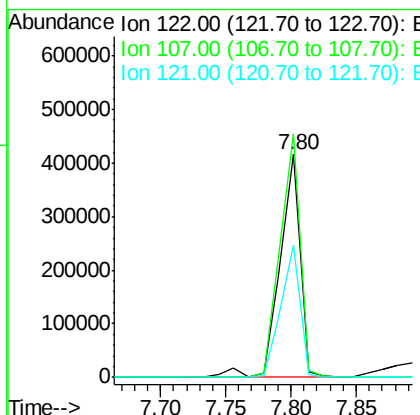
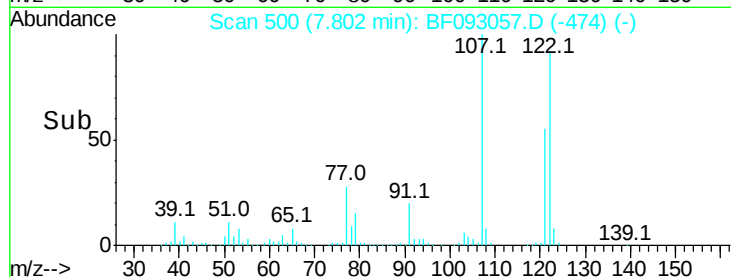
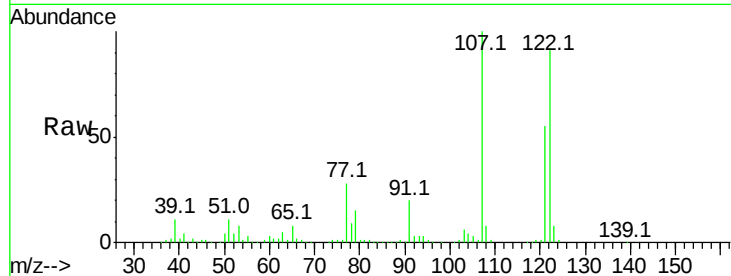
#27
2,4-Dimethylphenol
Concen: 47.48 ng
RT: 7.80 min Scan# 500
Delta R.T. -0.00 min
Lab File: BF093057.D
Acq: 21 Feb 2017 6:18

Instrument :
BNA_F
ClientSampleId :
PB97045BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	444453		
107	109.2	94.1	141.1	
121	59.5	46.0	69.0	

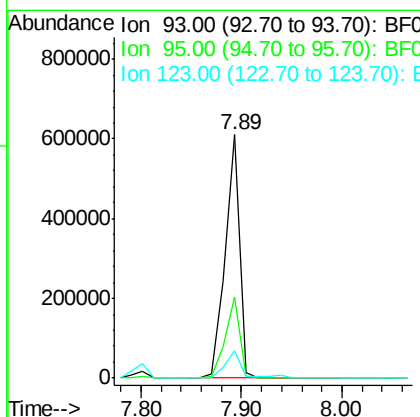
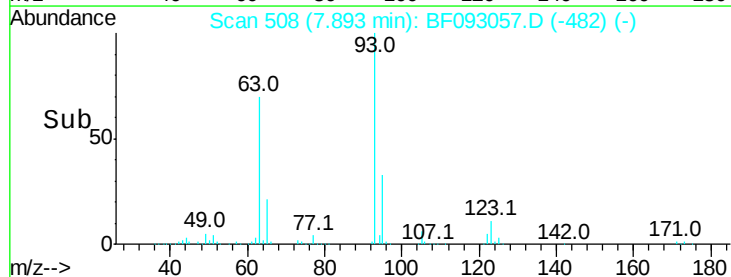
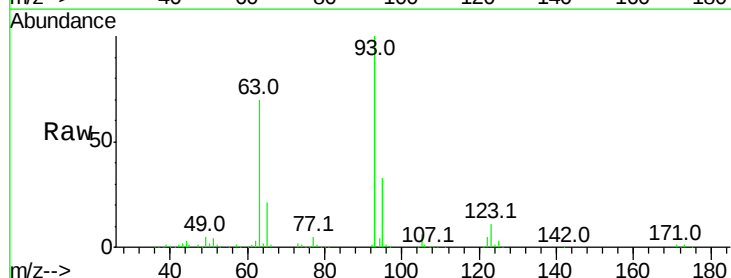
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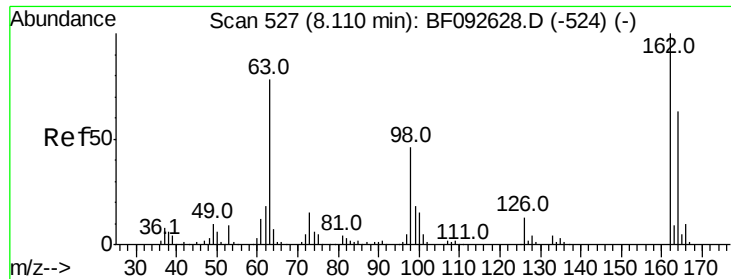
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 44.99 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.00 min
Lab File: BF093057.D
Acq: 21 Feb 2017 6:18

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	606232		
95	33.3	26.5	39.7	
123	11.0	8.6	13.0	





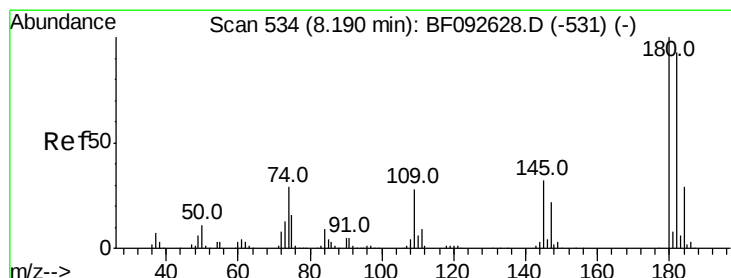
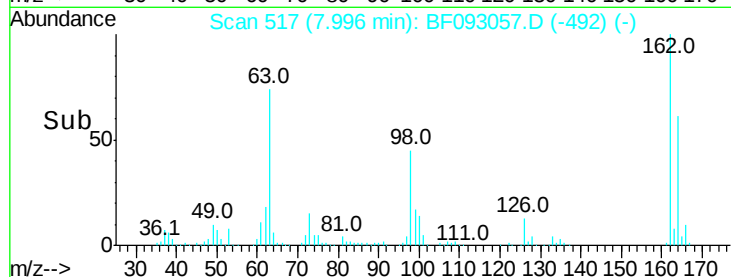
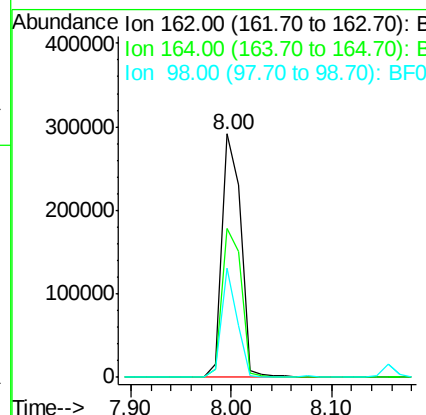
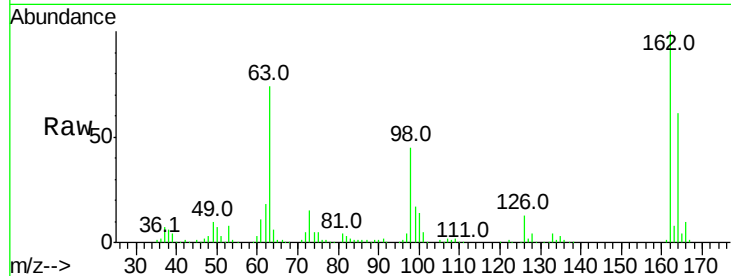
#29
2,4-Dichlorophenol
Concen: 43.57 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF093057.D
Acq: 21 Feb 2017 6:18

Instrument :
BNA_F
ClientSampleId :
PB97045BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	61.1	46.8	86.8
98	44.7	9.1	49.1

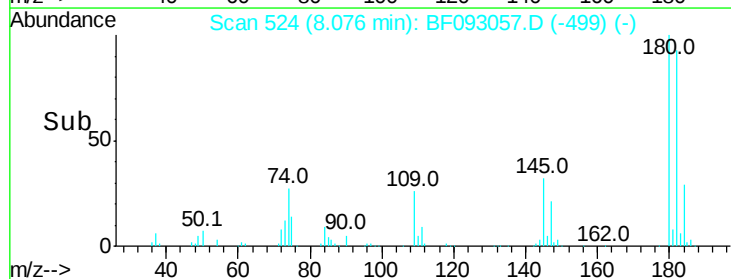
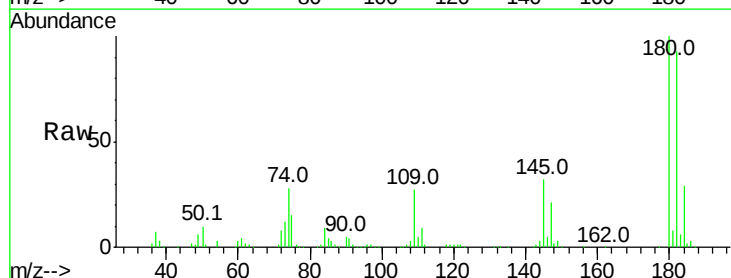
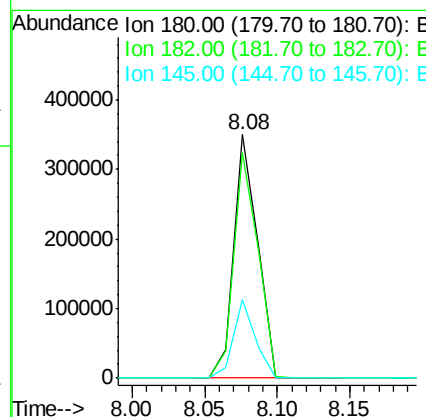
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#30
1,2,4-Trichlorobenzene
Concen: 42.11 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF093057.D
Acq: 21 Feb 2017 6:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	92.8	78.2	117.4
145	32.0	21.6	32.4





#31

Naphthalene

Concen: 38.63 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF093057.D

Acq: 21 Feb 2017 6:18

Instrument :

BNA_F

ClientSampleId :

PB97045BS

Tot Ion:128 Resp: 1190768

Ion Ratio Lower Upper

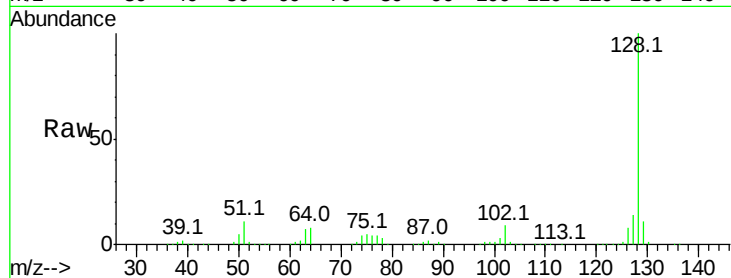
128 100

129 11.3 9.5 14.3

127 13.7 10.8 16.2

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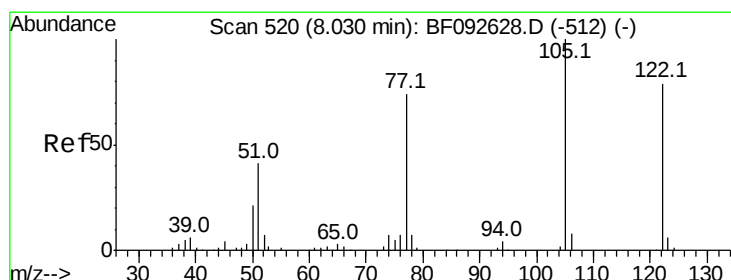
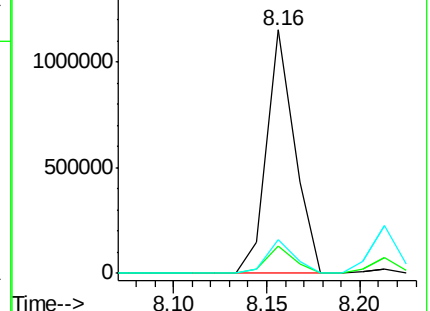
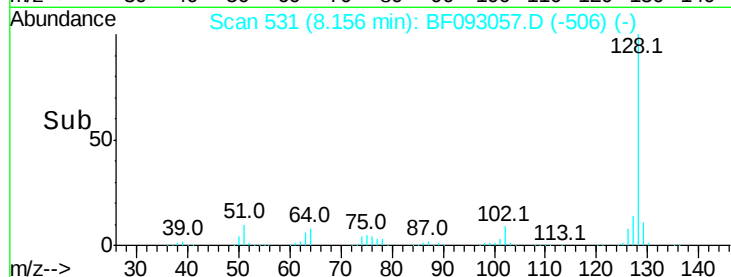
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.80 ng

RT: 7.94 min Scan# 512

Delta R.T. 0.01 min

Lab File: BF093057.D

Acq: 21 Feb 2017 6:18

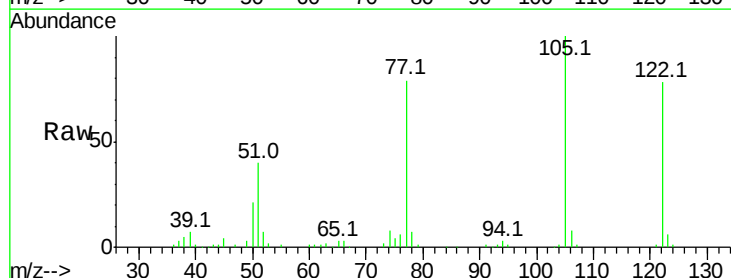
Tgt Ion:122 Resp: 234610

Ion Ratio Lower Upper

122 100

105 128.0 107.2 147.2

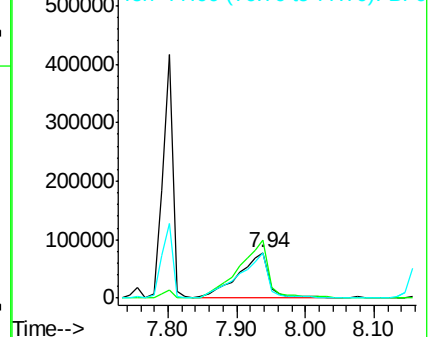
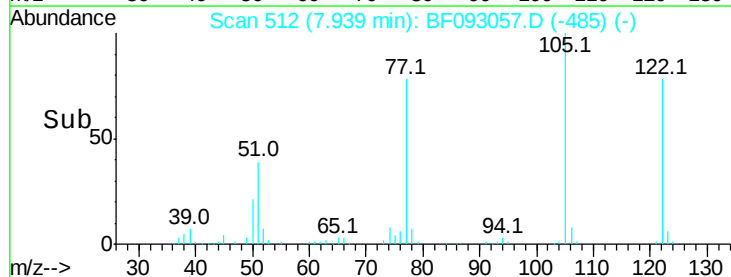
77 101.1 74.5 114.5

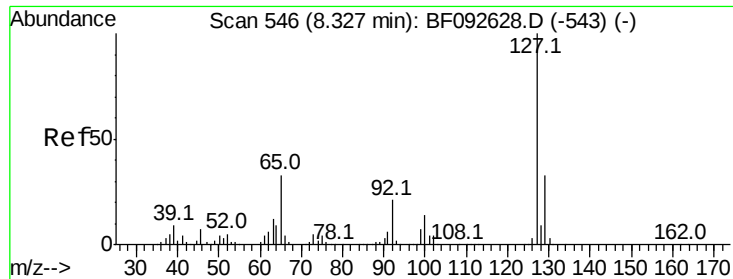


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





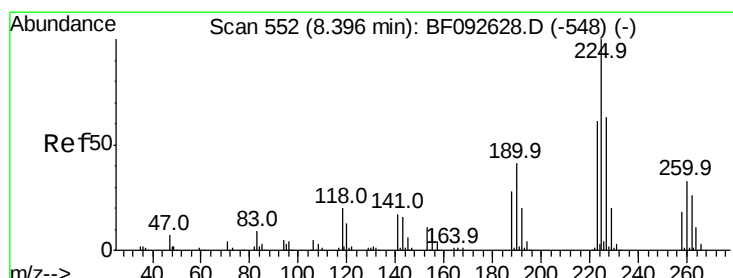
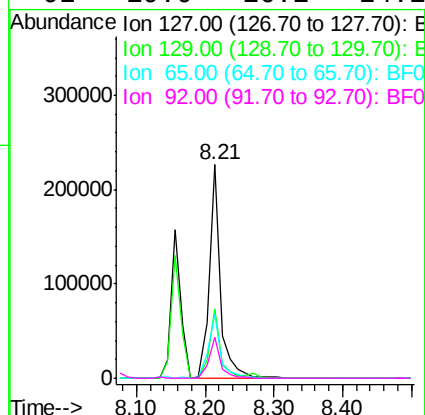
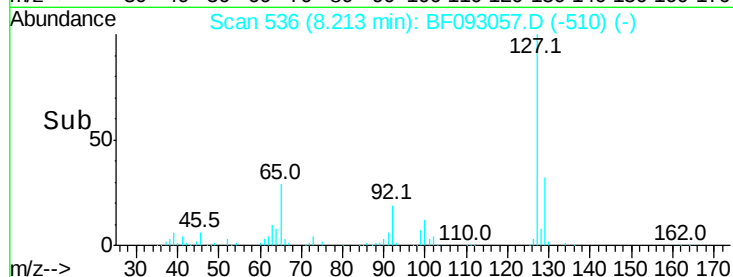
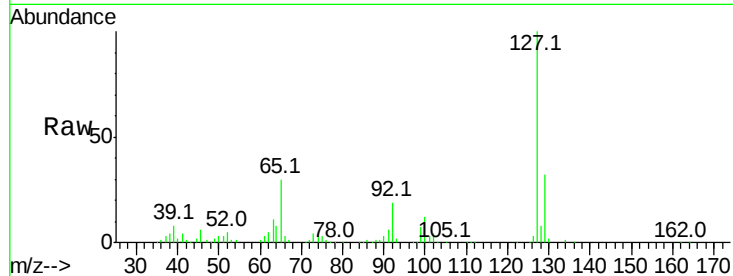
#33
4-Chloroaniline
Concen: 21.22 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF093057.D
Acq: 21 Feb 2017 6:18

Instrument :
BNA_F
ClientSampleId :
PB97045BS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.3	26.3	39.5
65	30.2	25.8	38.8
92	19.0	16.1	24.1

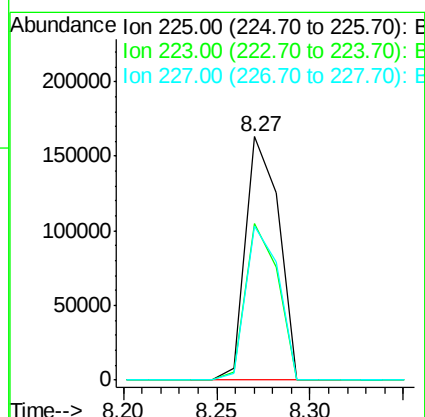
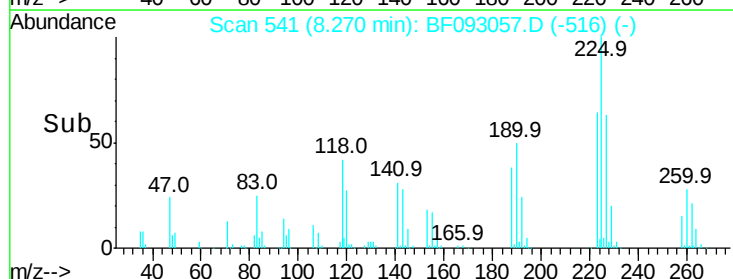
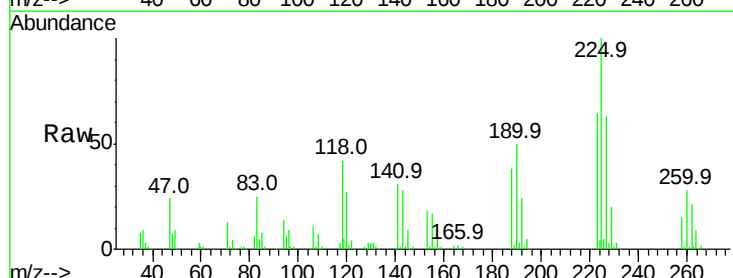
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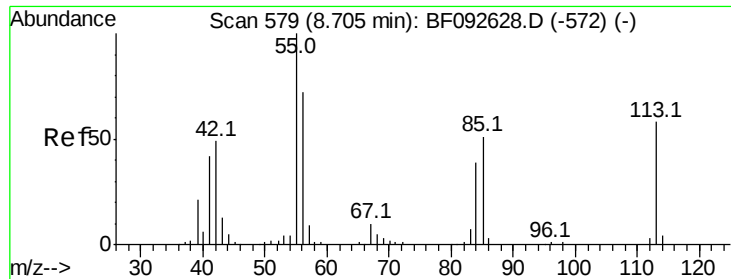
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#34
Hexachlorobutadiene
Concen: 39.35 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF093057.D
Acq: 21 Feb 2017 6:18

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	64.4	51.0	76.6
227	63.5	50.6	76.0





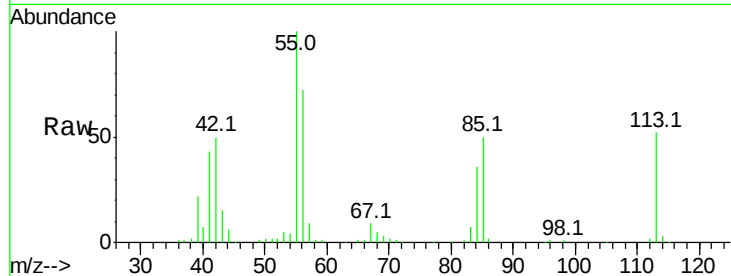
#35
 Caprolactam
 Concen: 49.64 ng/ml
 RT: 8.59 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF093057.D
 Acq: 21 Feb 2017 6:18

Instrument :
 BNA_F
 ClientSampleId :
 PB97045BS

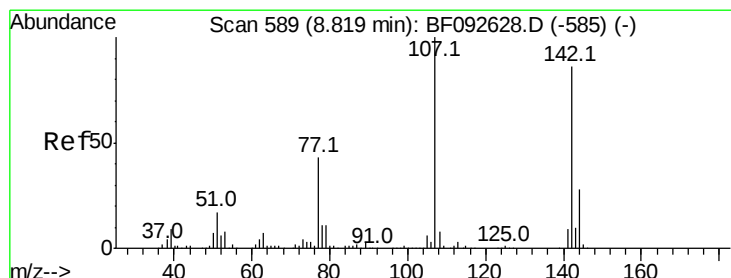
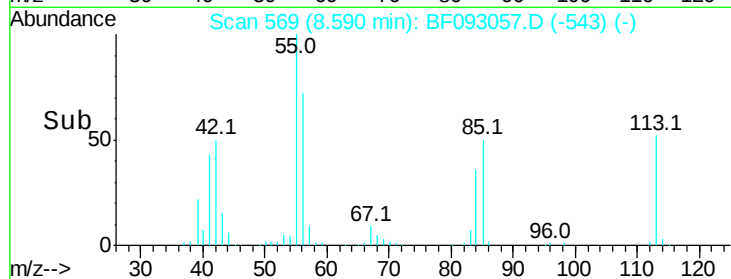
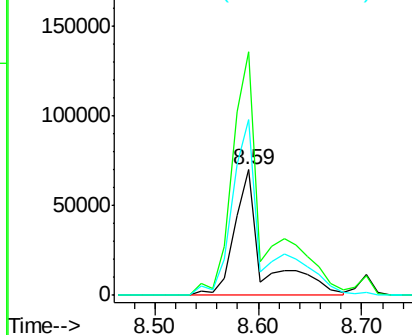
Tot Ion:113 Resp: 136303
 Ion Ratio Lower Upper
 113 100
 55 194.1 119.2 159.2#
 56 140.2 83.8 123.8#

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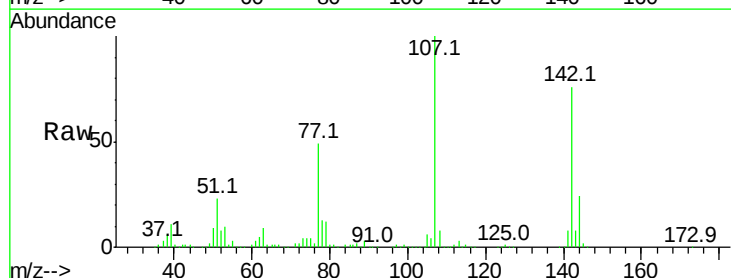


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

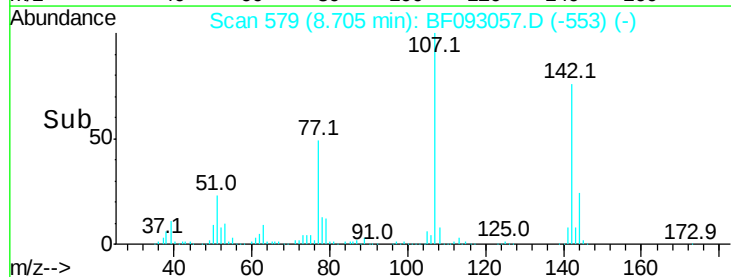
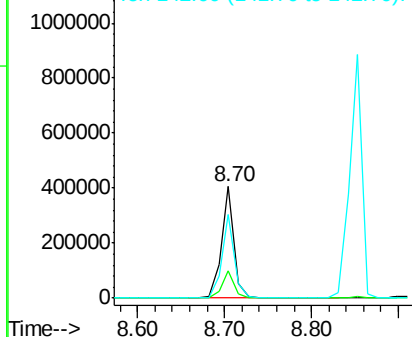


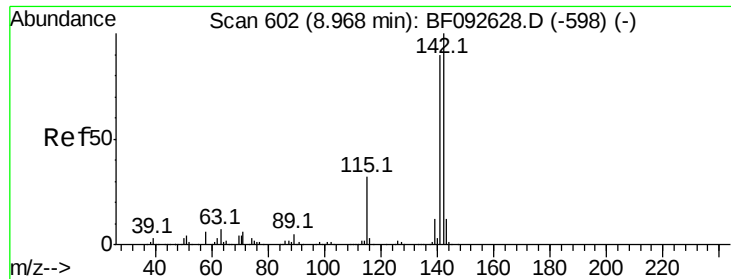
#36
 4-Chloro-3-methylphenol
 Concen: 44.60 ng
 RT: 8.70 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF093057.D
 Acq: 21 Feb 2017 6:18

Tgt Ion:107 Resp: 405961
 Ion Ratio Lower Upper
 107 100
 144 24.0 19.3 28.9
 142 75.6 59.0 88.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





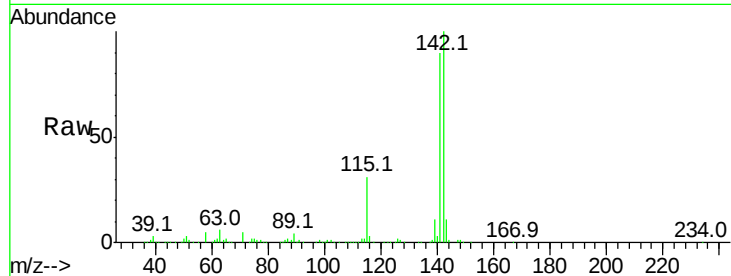
#37
2-Methylnaphthalene
Concen: 45.23 ng
RT: 8.85 min Scan# 592
Delta R.T. -0.00 min
Lab File: BF093057.D
Acq: 21 Feb 2017 6:18

Instrument :
BNA_F
ClientSampleId :
PB97045BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	895138		
141	89.6	71.0	106.6	
115	31.3	28.3	42.5	

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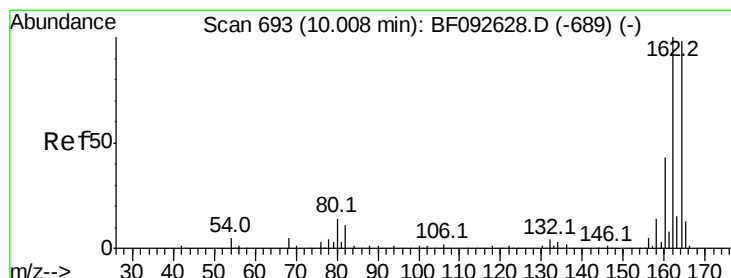
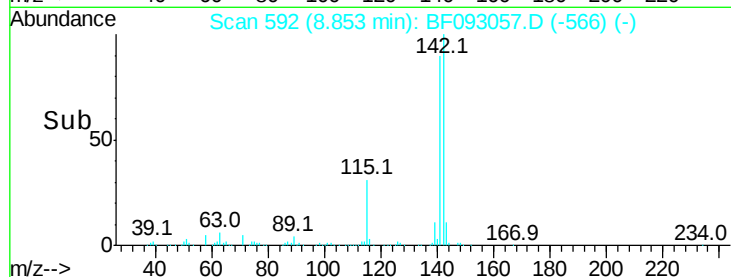
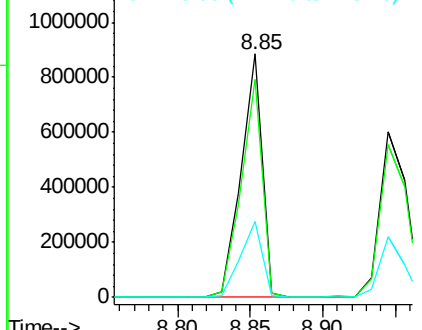


Abundance

Ion 142.00 (141.70 to 142.70): E

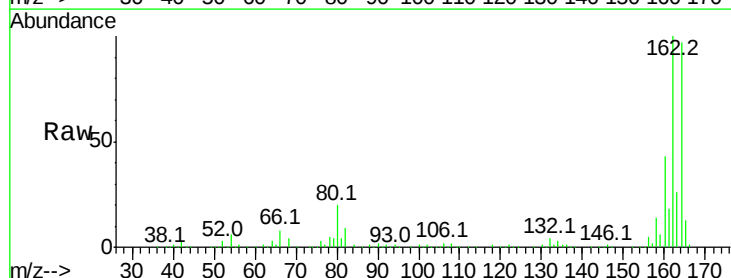
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF093057.D
Acq: 21 Feb 2017 6:18

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	305700		
162	102.9	80.2	120.2	
160	44.3	36.9	55.3	

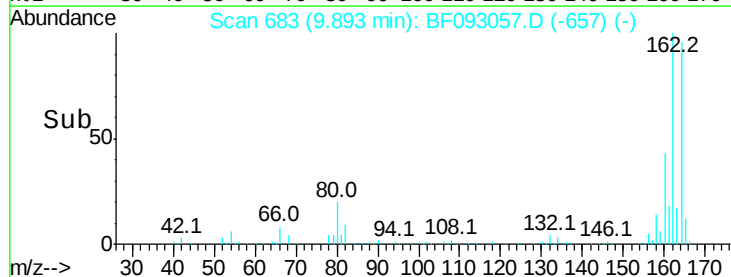
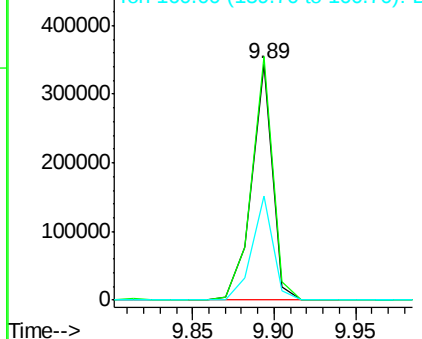


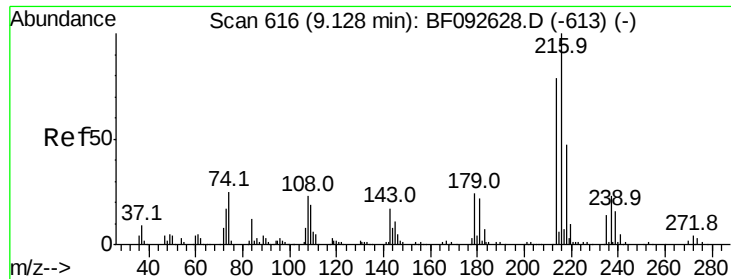
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





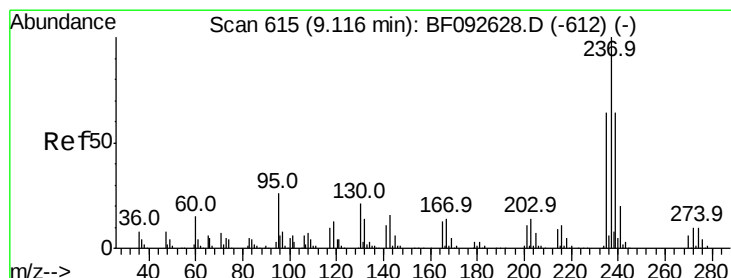
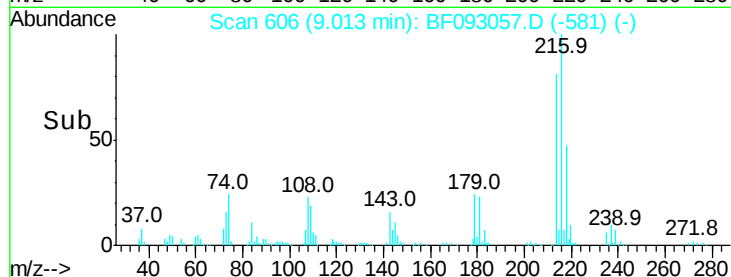
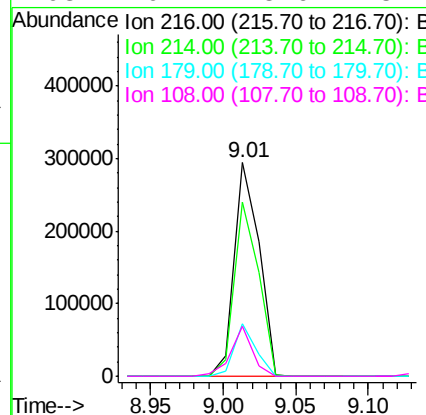
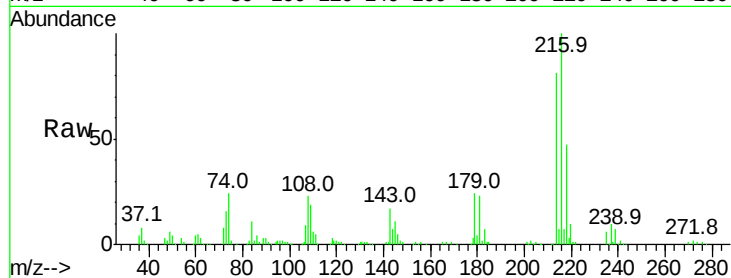
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.73 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF093057.D
 Acq: 21 Feb 2017 6:18

Instrument :
 BNA_F
 ClientSampleId :
 PB97045BS

Tot Ion:	216	Resp:	349507
Ion Ratio		Lower	Upper
216	100		
214	79.8	63.4	95.0
179	21.5	17.4	26.2
108	20.2	15.6	23.4

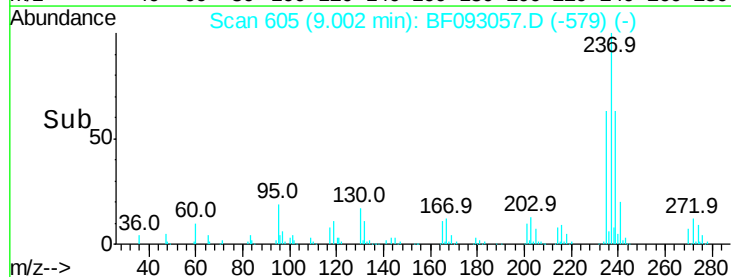
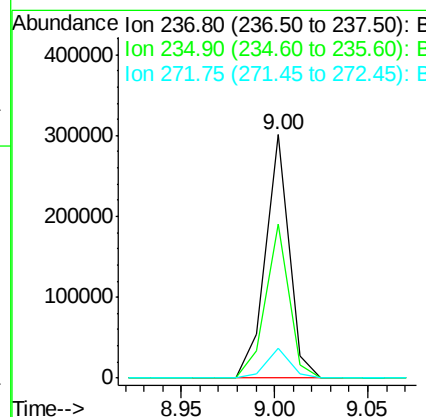
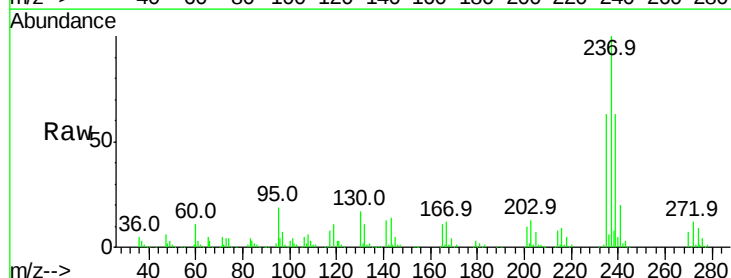
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#40
 Hexachlorocyclopentadiene
 Concen: 68.10 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: BF093057.D
 Acq: 21 Feb 2017 6:18

Tgt Ion:	237	Resp:	263658
Ion Ratio		Lower	Upper
237	100		
235	63.1	41.2	81.2
272	12.4	0.0	35.4





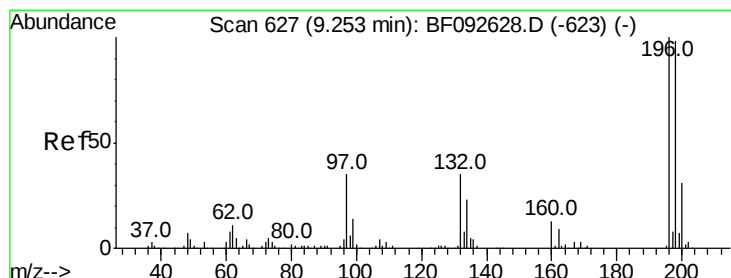
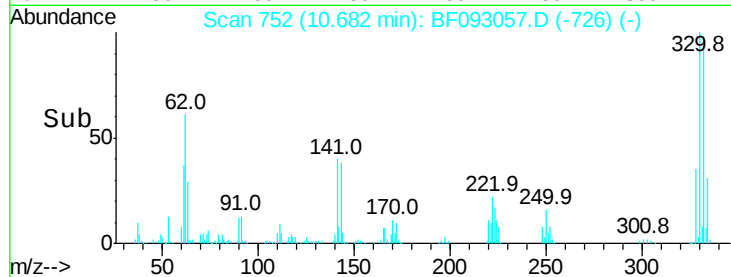
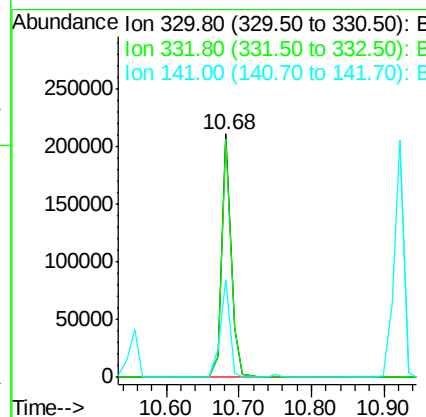
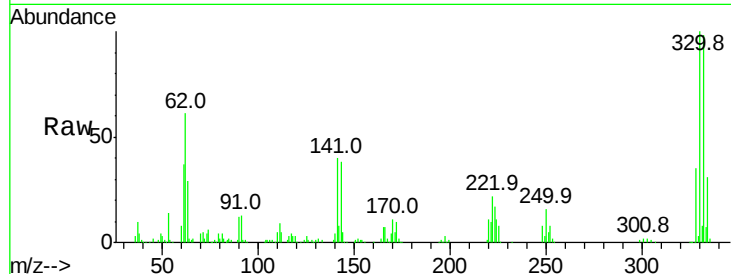
#41
 2,4,6-Tribromophenol
 Concen: 87.09 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF093057.D
 Acq: 21 Feb 2017 6:18

Instrument :
 BNA_F
 ClientSampled :
 PB97045BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	192558		
332	97.7	77.4	116.2	
141	41.3	34.1	51.1	

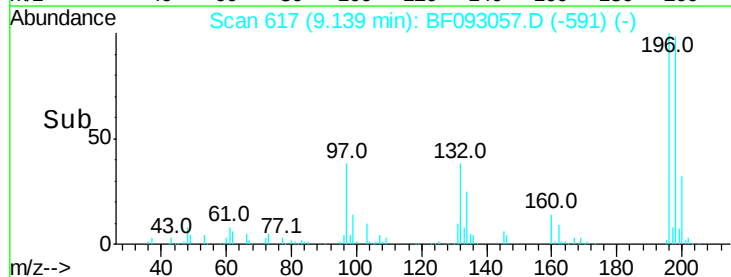
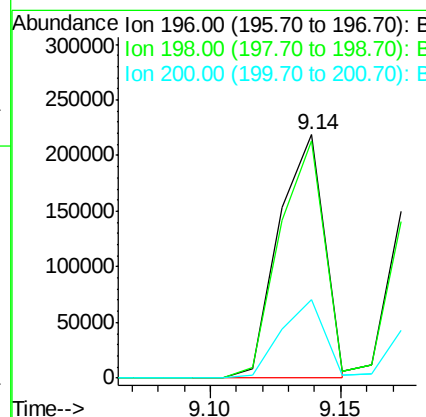
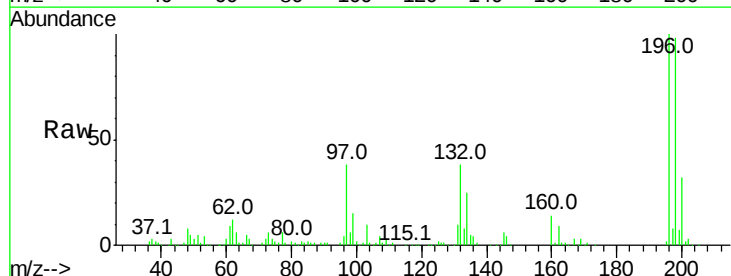
Manual Integrations
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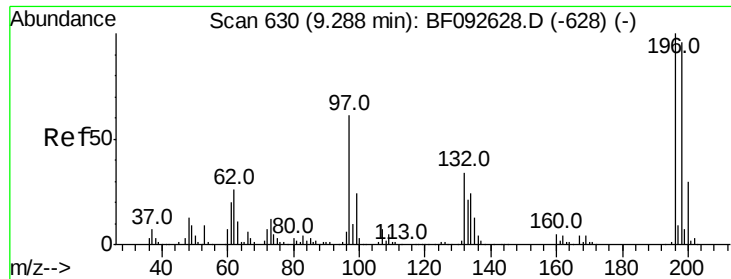
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#42
 2,4,6-Trichlorophenol
 Concen: 47.06 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF093057.D
 Acq: 21 Feb 2017 6:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	265346		
198	97.7	82.1	123.1	
200	32.4	27.0	40.4	





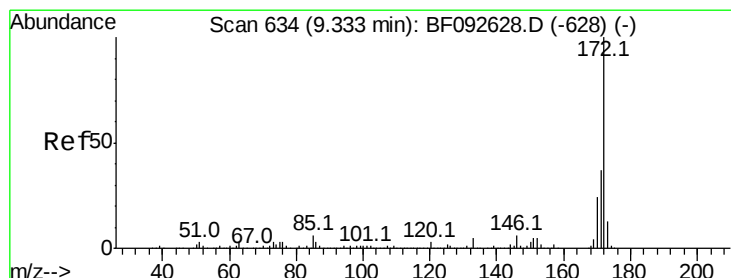
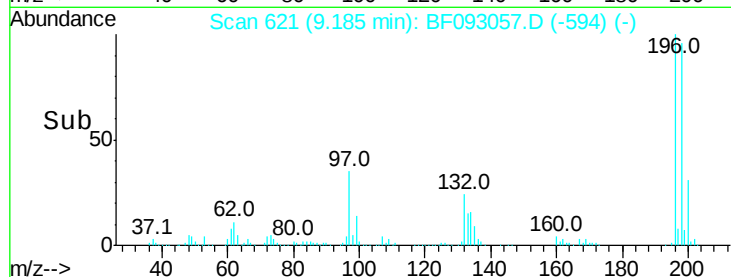
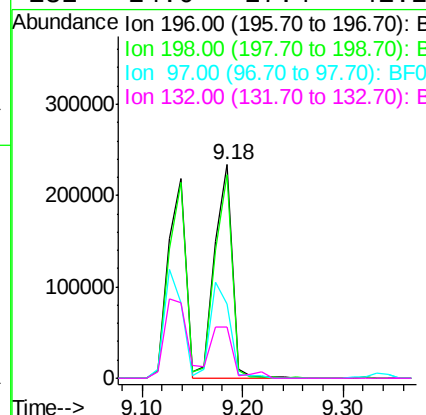
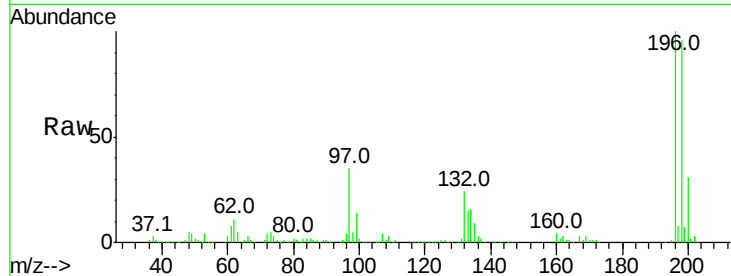
#43
 2,4,5-Trichlorophenol
 Concen: 45.61 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.01 min
 Lab File: BF093057.D
 Acq: 21 Feb 2017 6:18

Instrument :
 BNA_F
 ClientSampleId :
 PB97045BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	281790		
198	95.5	79.4	119.2	
97	34.9	51.5	77.3#	
132	24.0	27.4	41.2#	

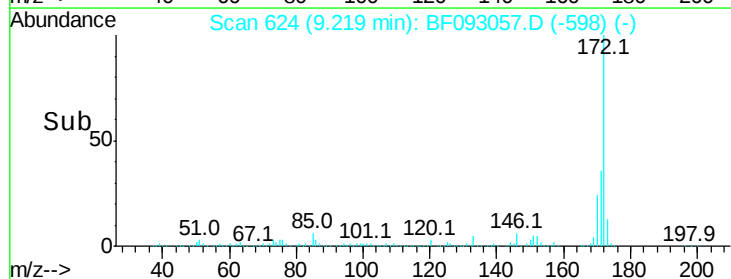
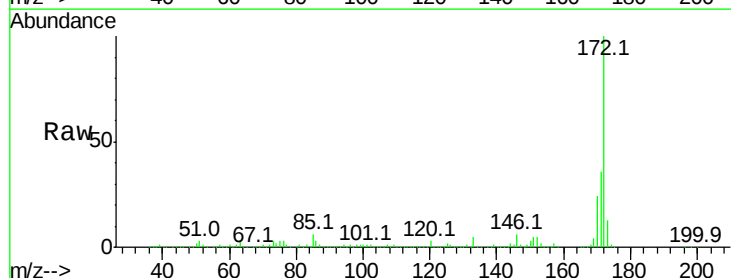
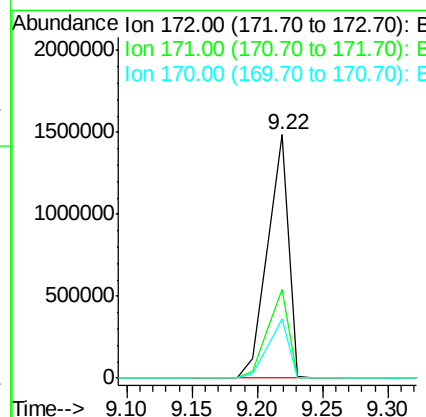
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#44
 2-Fluorobiphenyl
 Concen: 99.27 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093057.D
 Acq: 21 Feb 2017 6:18

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1674991		
171	36.4	29.4	44.0	
170	24.2	20.2	30.4	





#45

1,1'-Biphenyl

Concen: 44.28 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF093057.D

Acq: 21 Feb 2017 6:18

Instrument :

BNA_F

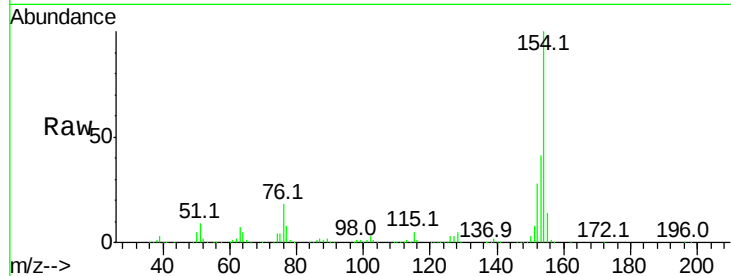
ClientSampled :

PB97045BS

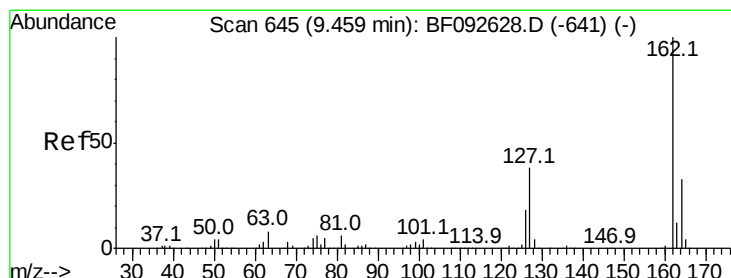
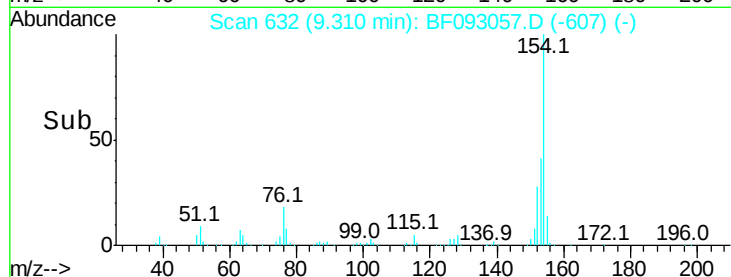
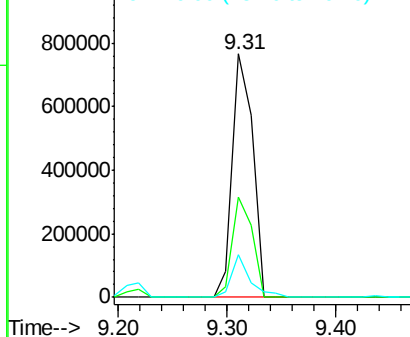
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.0	20.9	60.9	
76	17.5	0.0	30.5	

Manual Integrations
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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: 48.39 ng

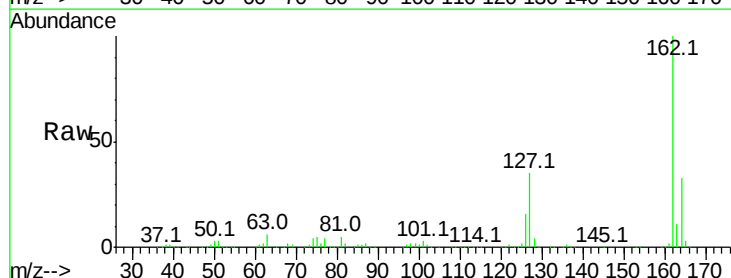
RT: 9.34 min Scan# 635

Delta R.T. -0.00 min

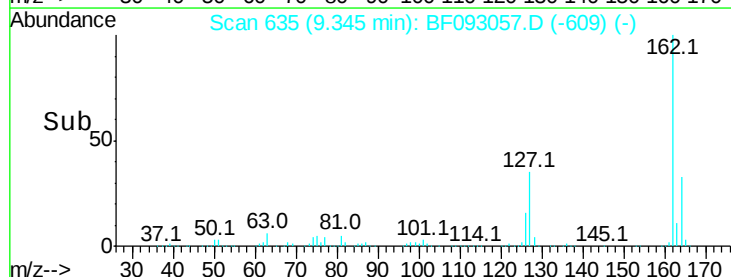
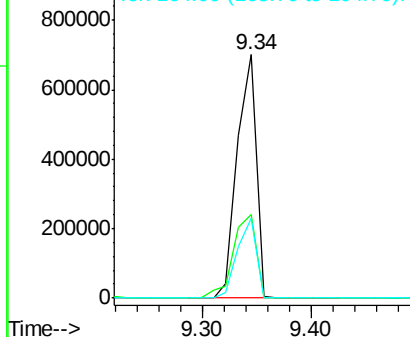
Lab File: BF093057.D

Acq: 21 Feb 2017 6:18

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	34.6	30.7	46.1	
164	32.9	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





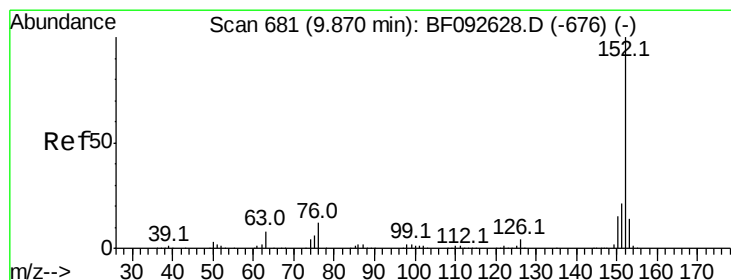
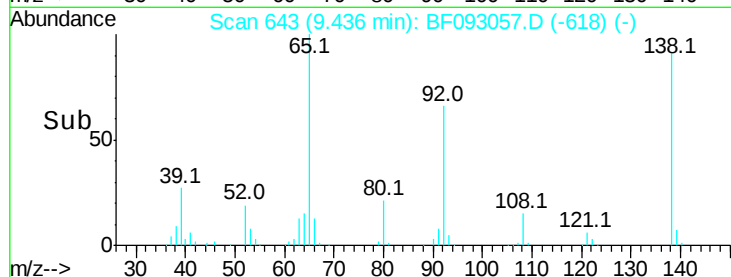
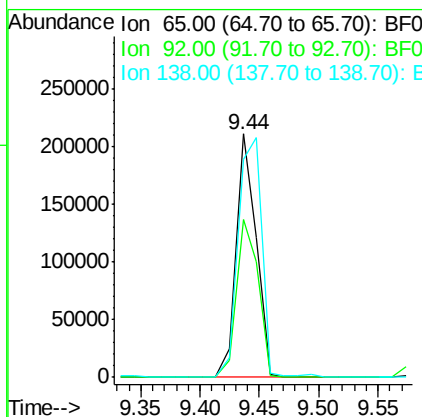
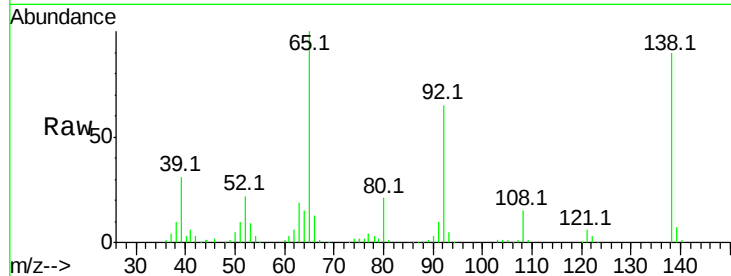
#47
2-Nitroaniline
Concen: 42.74 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.01 min
Lab File: BF093057.D
Acq: 21 Feb 2017 6:18

Instrument :
BNA_F
ClientSampled :
PB97045BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.6	53.9	80.9
138	89.8	76.8	115.2

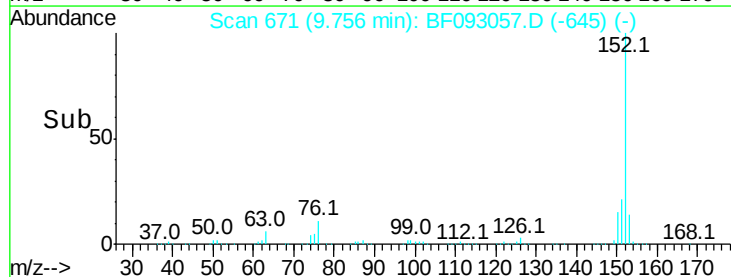
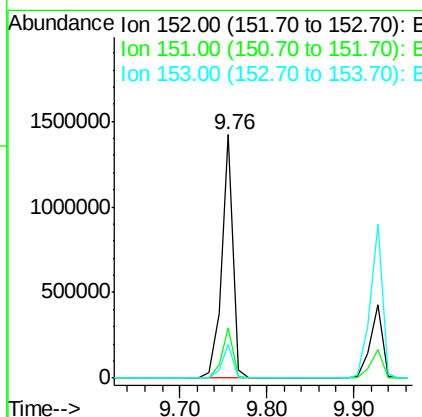
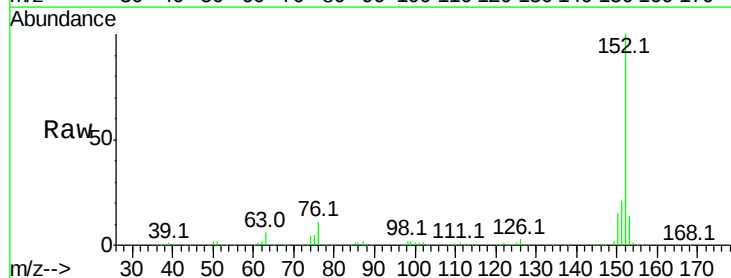
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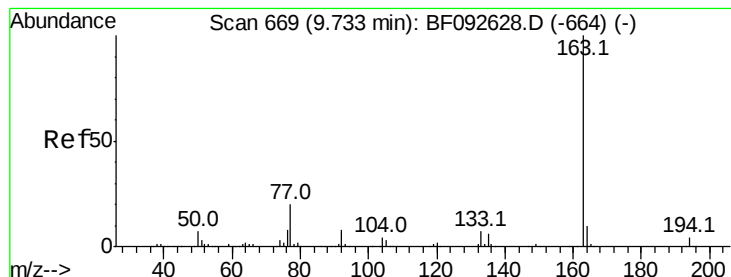
mohammad
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#48
Acenaphthylene
Concen: 43.14 ng
RT: 9.76 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF093057.D
Acq: 21 Feb 2017 6:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.9	25.3
153	13.7	11.4	17.2





#49

Dimethylphthalate

Concen: 44.83 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.00 min

Lab File: BF093057.D

Acq: 21 Feb 2017 6:18

Instrument :

BNA_F

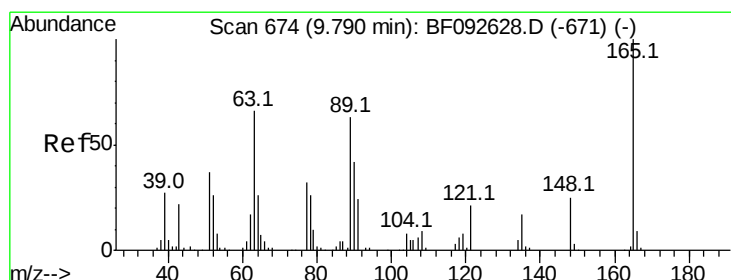
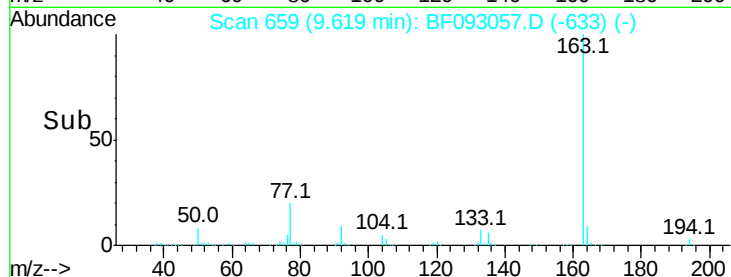
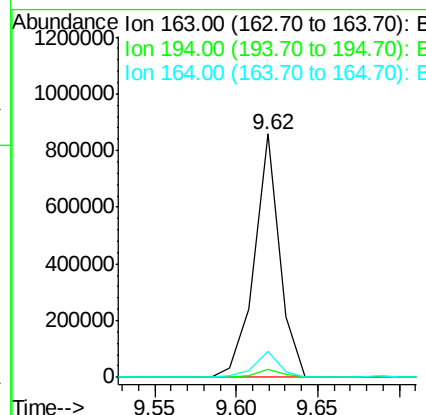
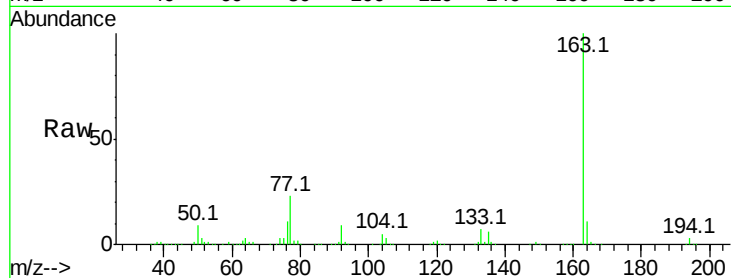
ClientSampleId :

PB97045BS

Tot Ion:	163	Resp:	923174
Ion Ratio	Lower	Upper	
163	100		
194	3.4	3.0	4.4
164	10.5	8.0	12.0

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#50

2,6-Dinitrotoluene

Concen: 52.36 ng

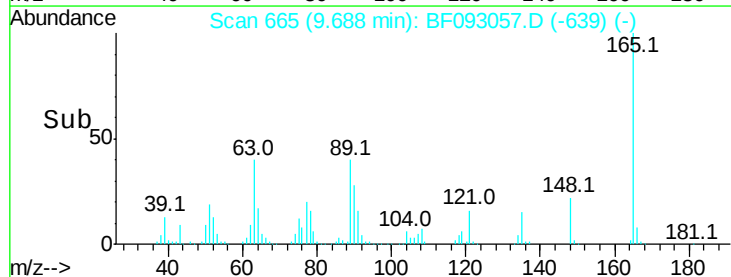
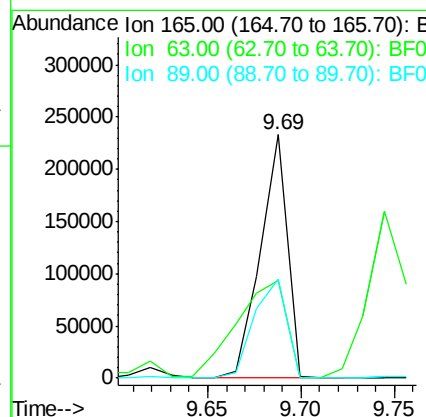
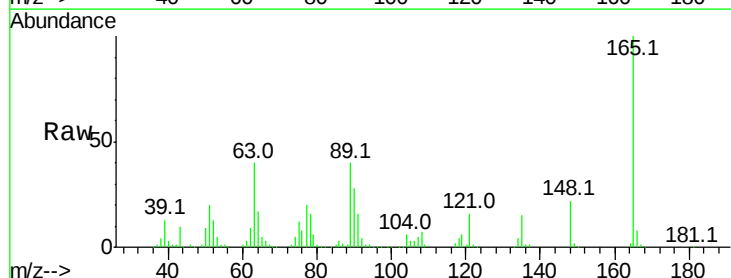
RT: 9.69 min Scan# 665

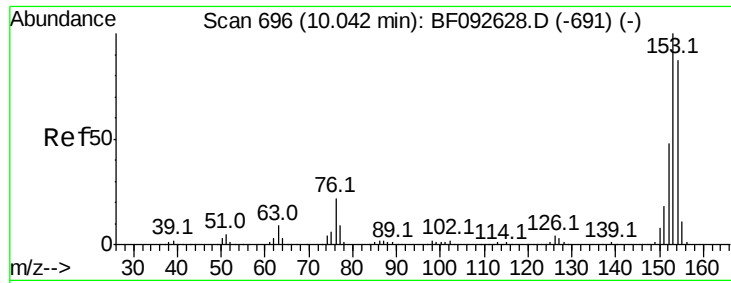
Delta R.T. -0.00 min

Lab File: BF093057.D

Acq: 21 Feb 2017 6:18

Tgt Ion:	165	Resp:	232848
Ion Ratio	Lower	Upper	
165	100		
63	40.2	36.2	54.4
89	40.5	40.2	60.4





#51

Acenaphthene

Concen: 42.01 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF093057.D

Acq: 21 Feb 2017 6:18

Instrument :

BNA_F

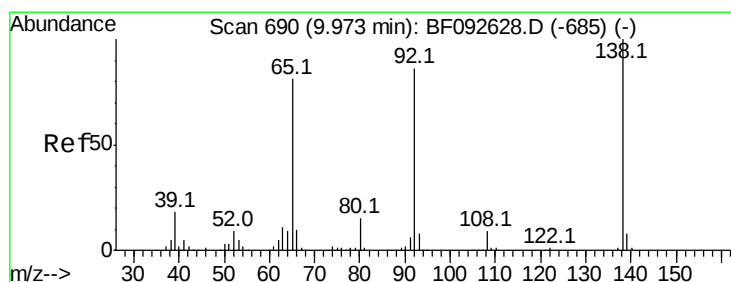
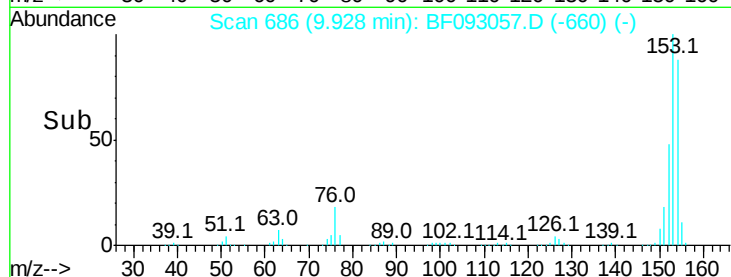
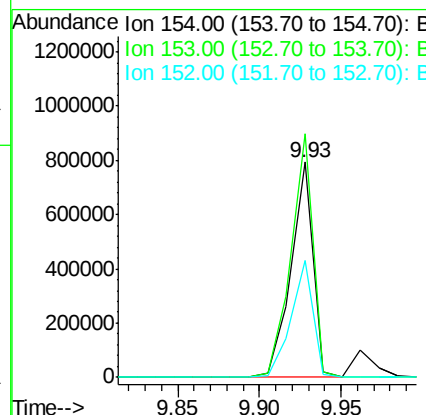
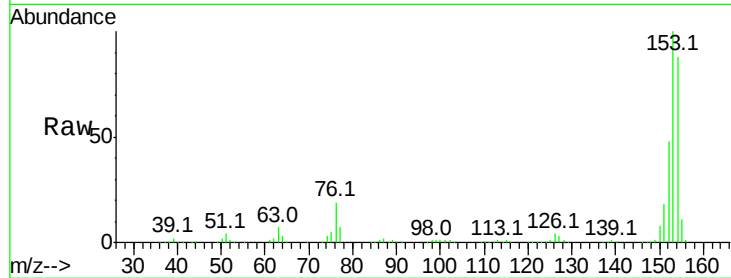
ClientSampleId :

PB97045BS

Tot Ion:	154	Resp:	751376
Ion Ratio	Lower	Upper	
154	100		
153	113.1	88.6	133.0
152	54.2	41.6	62.4

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#52

3-Nitroaniline

Concen: 27.29 ng

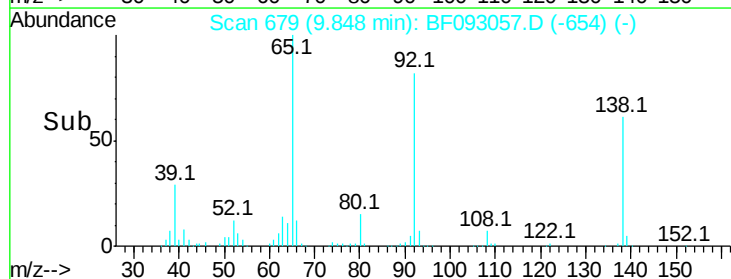
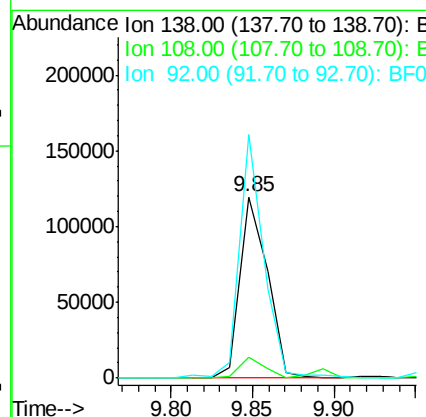
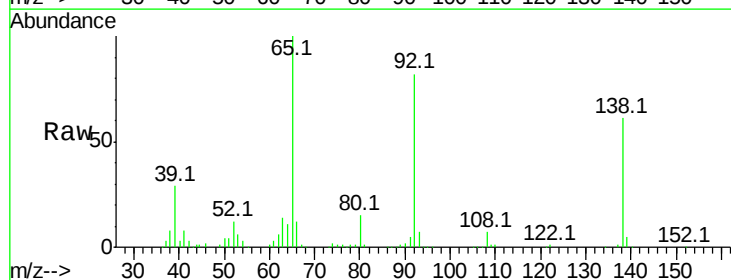
RT: 9.85 min Scan# 679

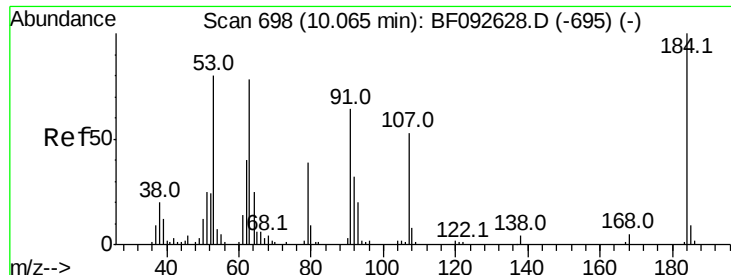
Delta R.T. -0.01 min

Lab File: BF093057.D

Acq: 21 Feb 2017 6:18

Tgt Ion:	138	Resp:	138901
Ion Ratio	Lower	Upper	
138	100		
108	11.4	8.5	12.7
92	134.5	97.8	146.8





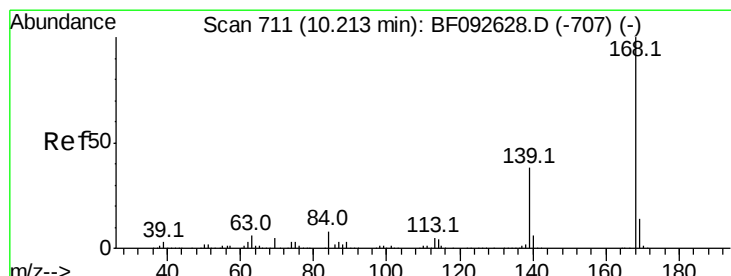
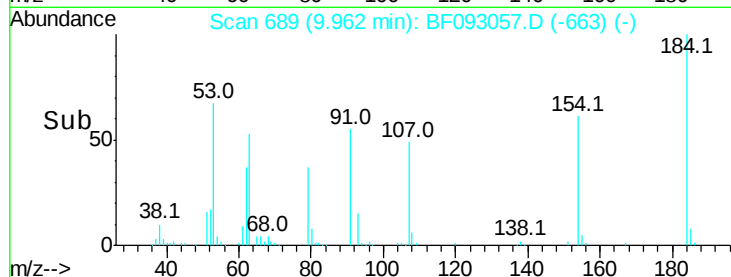
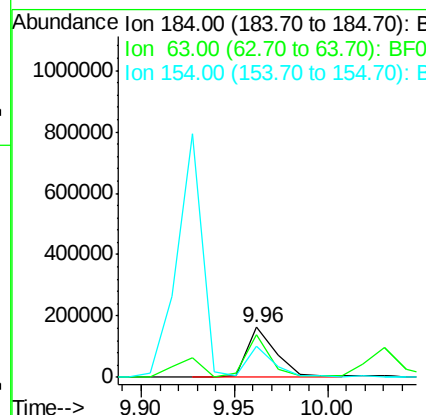
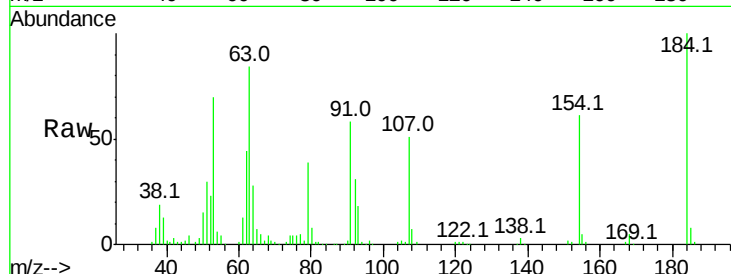
#53
 2,4-Dinitrophenol
 Concen: 79.07 ng
 RT: 9.96 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: BF093057.D
 Acq: 21 Feb 2017 6:18

Instrument :
 BNA_F
 ClientSampleId :
 PB97045BS

Tot Ion:184 Resp: 178743
 Ion Ratio Lower Upper
 184 100
 63 84.5 28.4 42.6#
 154 61.0 44.3 66.5

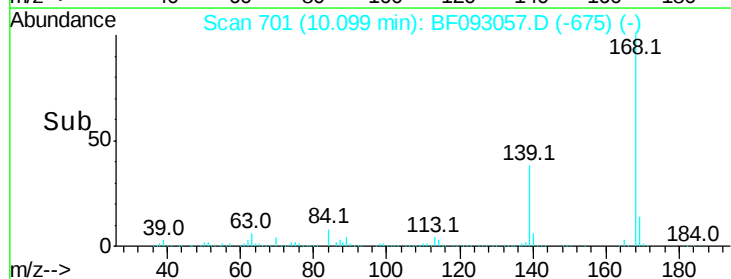
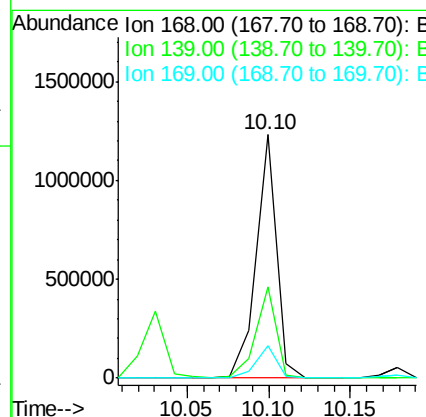
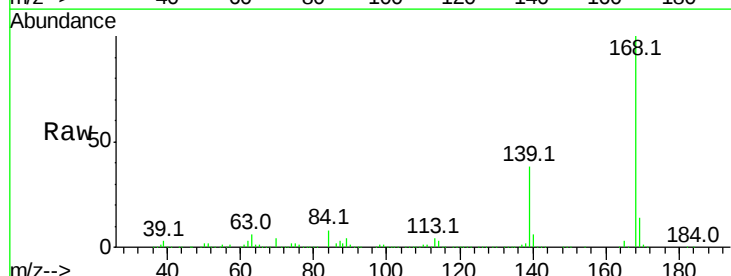
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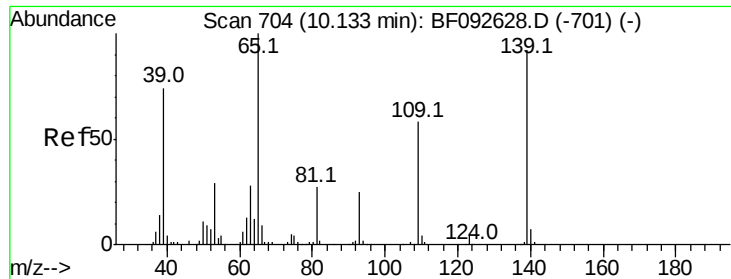
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#54
 Dibenzofuran
 Concen: 44.79 ng
 RT: 10.10 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BF093057.D
 Acq: 21 Feb 2017 6:18

Tgt Ion:168 Resp: 1071360
 Ion Ratio Lower Upper
 168 100
 139 37.6 32.6 49.0
 169 13.5 11.3 16.9





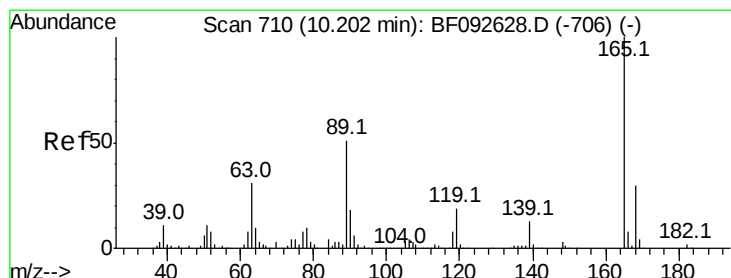
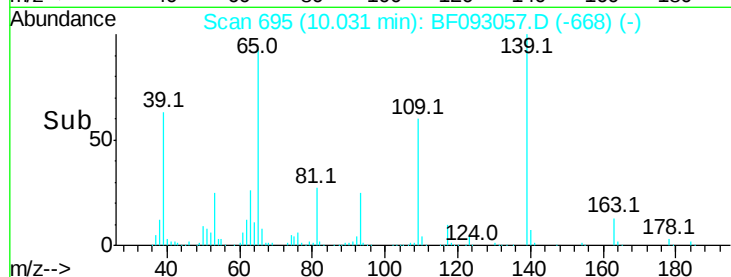
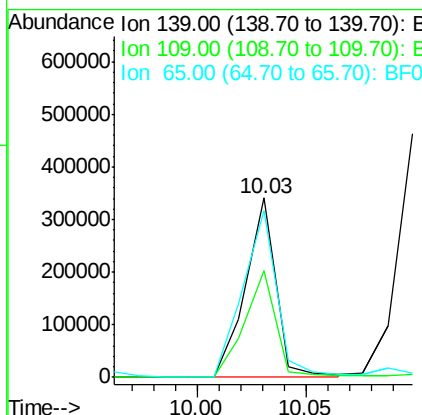
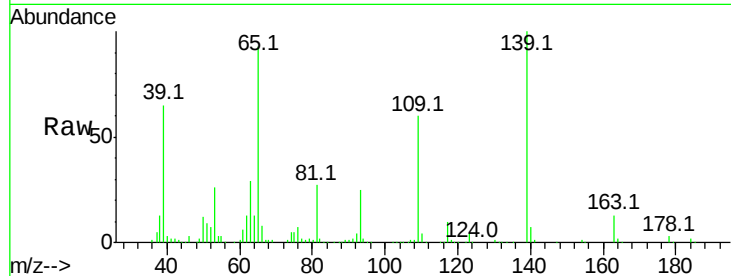
#55
4-Nitrophenol
Concen: 90.73 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.01 min
Lab File: BF093057.D
Acq: 21 Feb 2017 6:18

Instrument :
BNA_F
ClientSampleId :
PB97045BS

Tot Ion:139 Resp: 332544
Ion Ratio Lower Upper
139 100
109 59.8 52.2 92.2
65 93.3 85.8 125.8

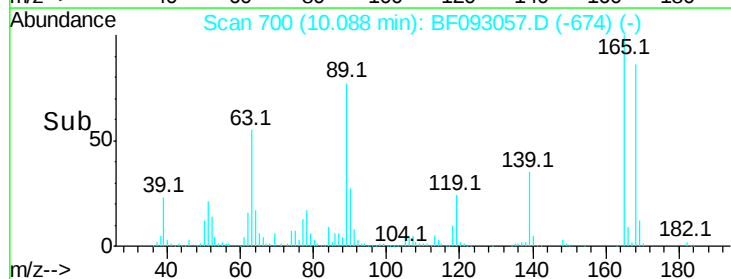
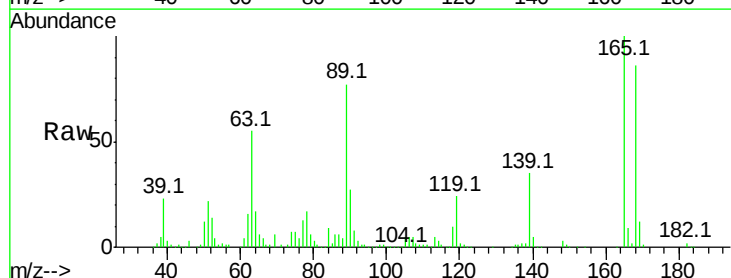
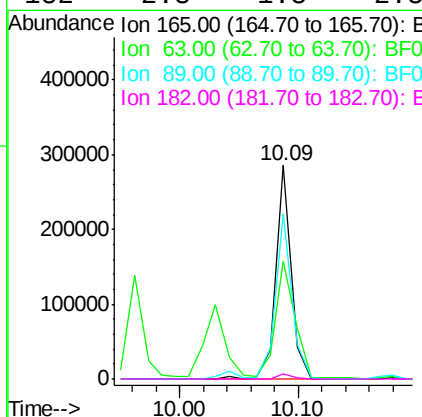
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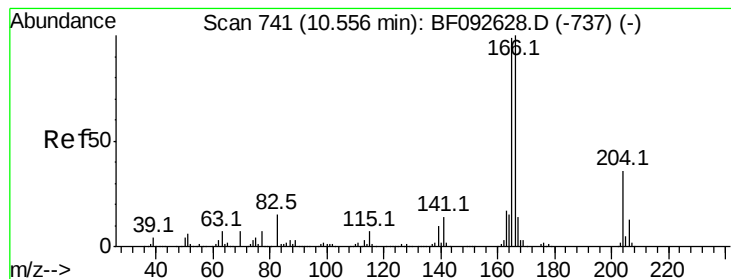
mohammad
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#56
2,4-Dinitrotoluene
Concen: 43.32 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF093057.D
Acq: 21 Feb 2017 6:18

Tgt Ion:165 Resp: 256445
Ion Ratio Lower Upper
165 100
63 55.4 40.2 60.4
89 77.3 62.5 93.7
182 2.3 1.8 2.8





#57

Fluorene

Concen: 45.86 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF093057.D

Acq: 21 Feb 2017 6:18

Instrument :

BNA_F

ClientSampleId :

PB97045BS

Tot Ion:166 Resp: 843929

Ion Ratio Lower Upper

166 100

165 100.4 77.8 116.8

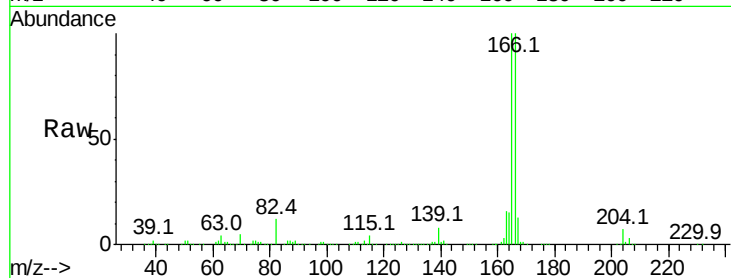
167 13.4 10.8 16.2

Manual Integrations

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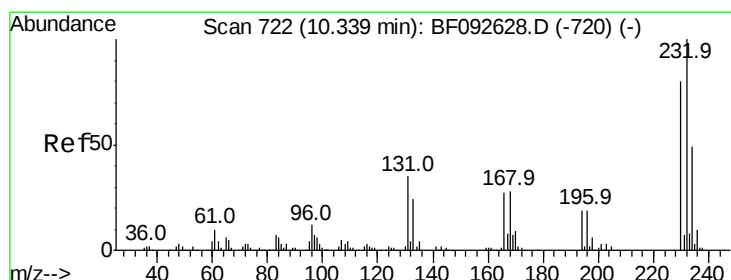
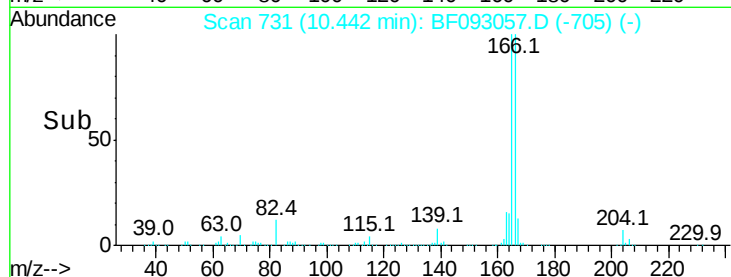
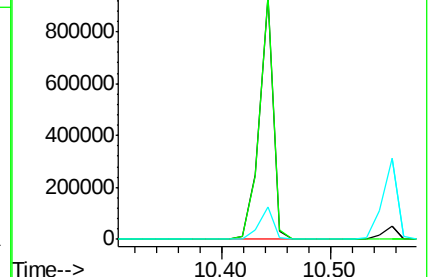
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.26 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF093057.D

Acq: 21 Feb 2017 6:18

Tgt Ion:232 Resp: 215388

Ion Ratio Lower Upper

232 100

131 43.9 40.1 60.1

130 2.1 1.8 2.8

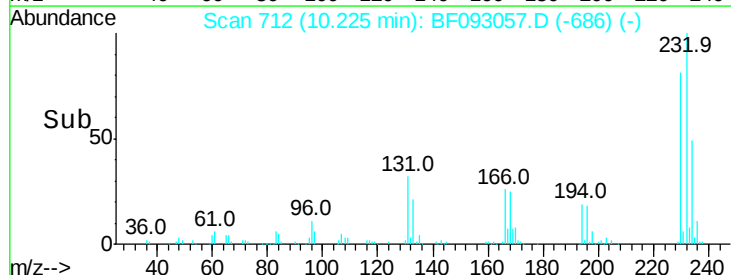
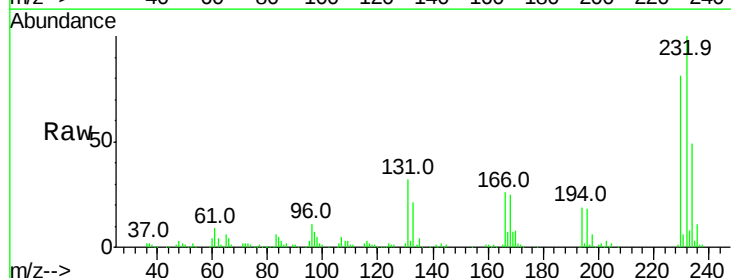
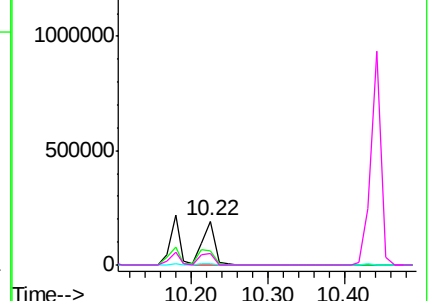
166 30.5 26.6 39.8

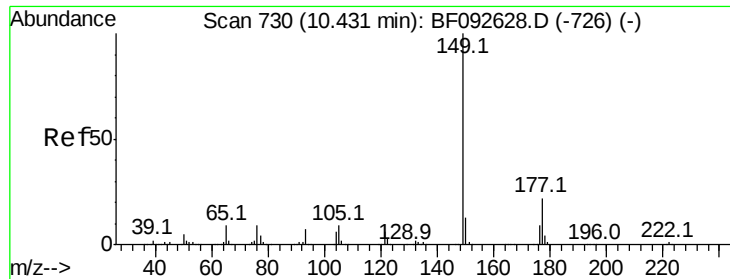
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





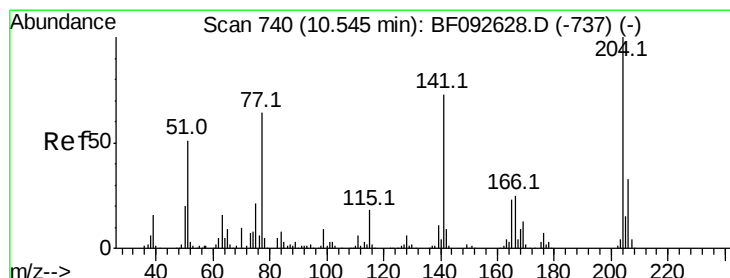
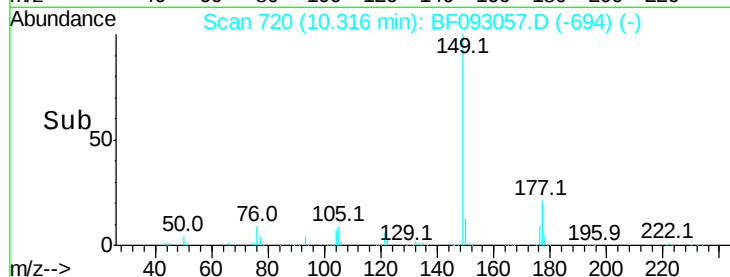
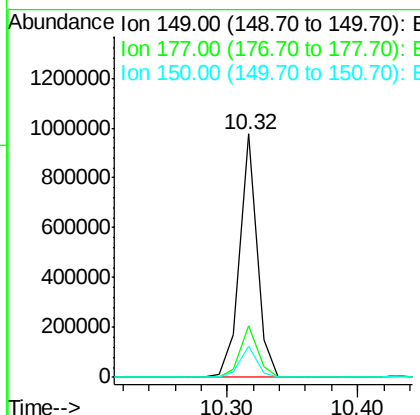
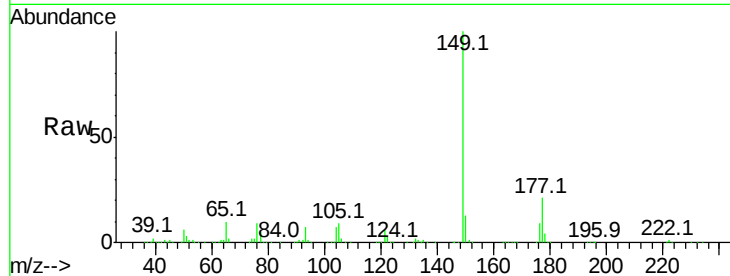
#59
Diethylphthalate
Concen: 46.31 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF093057.D
Acq: 21 Feb 2017 6:18

Instrument :
BNA_F
ClientSampleId :
PB97045BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	898671		
177	21.4	16.6	25.0	
150	12.6	10.4	15.6	

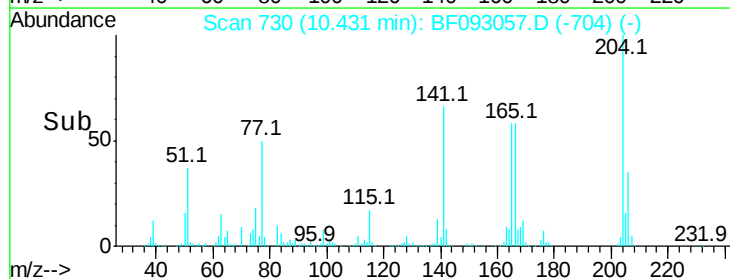
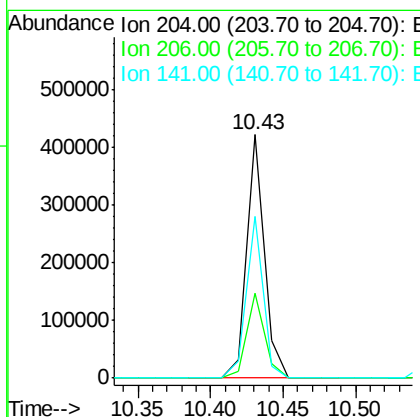
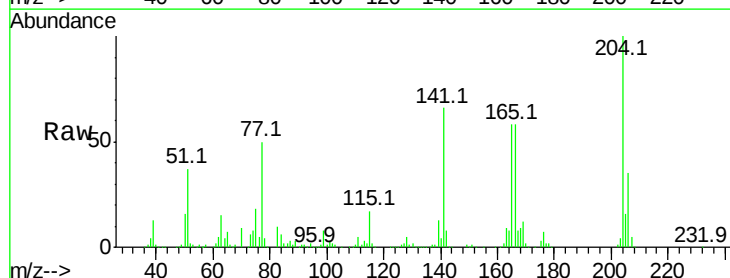
Manual Integrations
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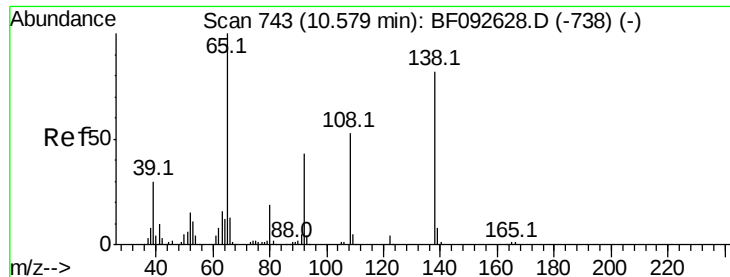
mohammad
2/21/2017 3:57:55 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.49 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF093057.D
Acq: 21 Feb 2017 6:18

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	357995		
206	34.9	25.8	38.6	
141	66.2	59.4	89.0	





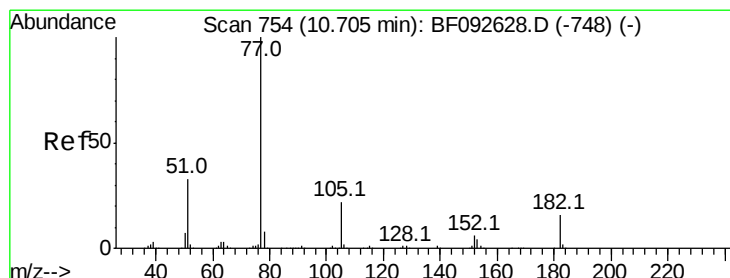
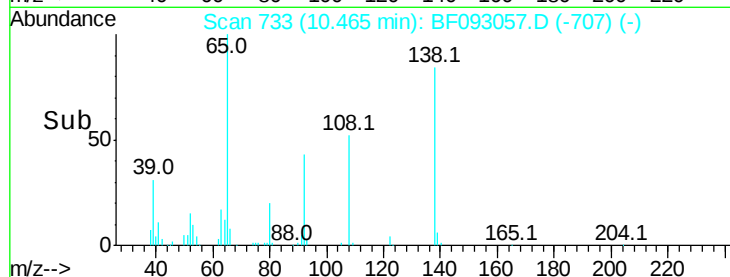
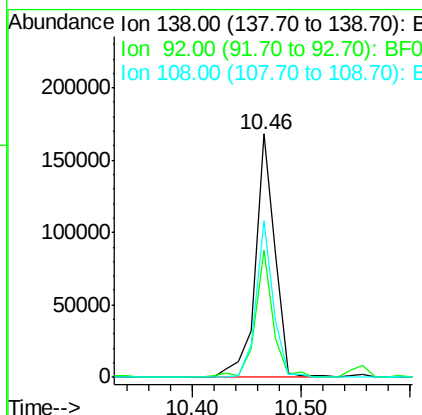
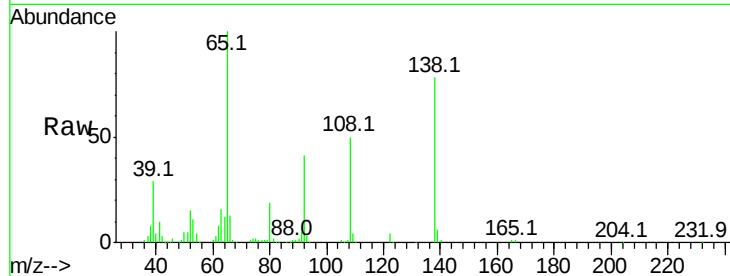
#61
4-Nitroaniline
Concen: 40.60 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF093057.D
Acq: 21 Feb 2017 6:18

Instrument :
BNA_F
ClientSampleId :
PB97045BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.0	31.7	71.7
108	64.4	52.6	92.6

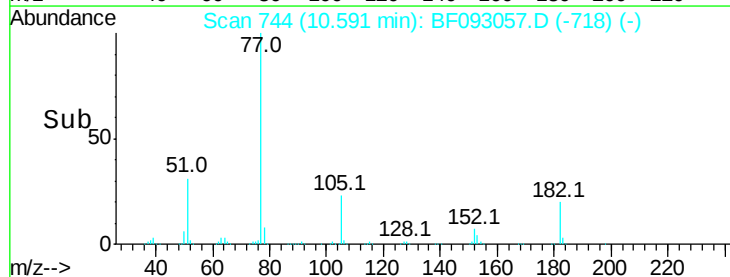
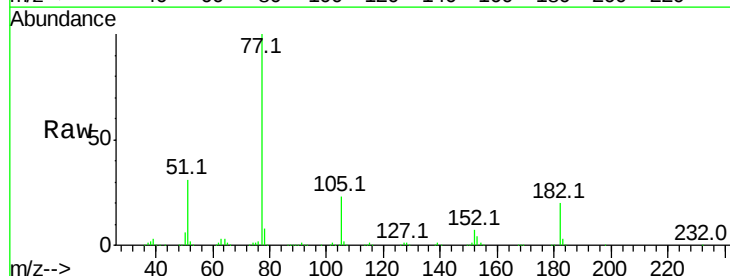
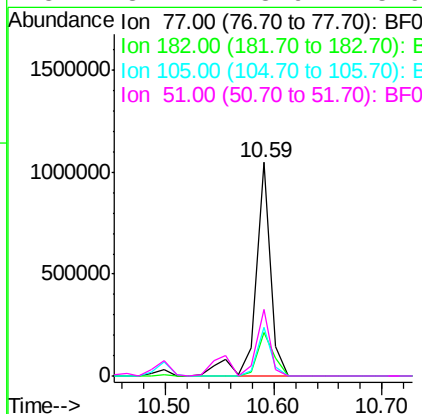
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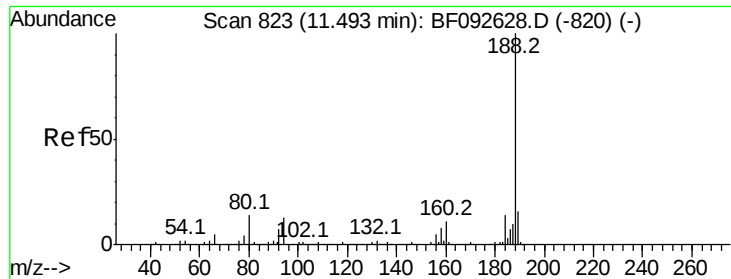
mohammad
2/21/2017 3:57:55 PM



#62
Azobenzene
Concen: 50.26 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF093057.D
Acq: 21 Feb 2017 6:18

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.2	0.0	39.3
105	23.0	2.3	42.3
51	31.2	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF093057.D

Acq: 21 Feb 2017 6:18

Instrument :

BNA_F

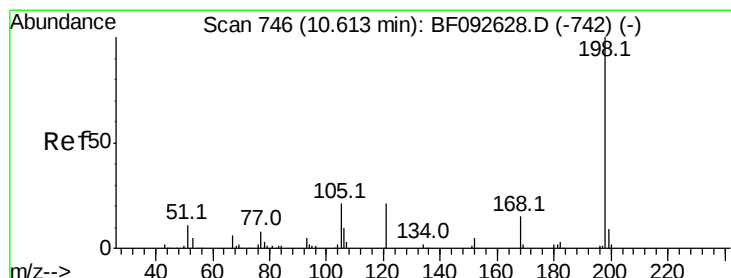
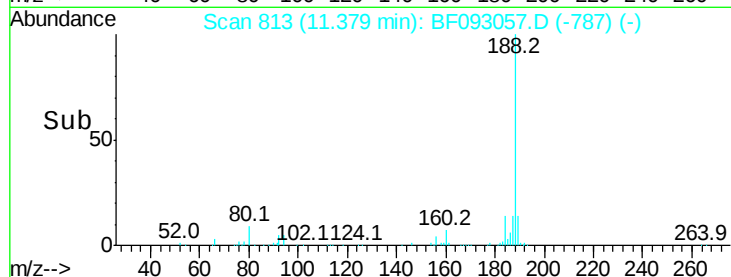
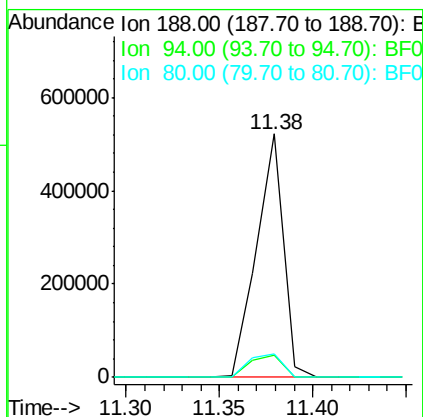
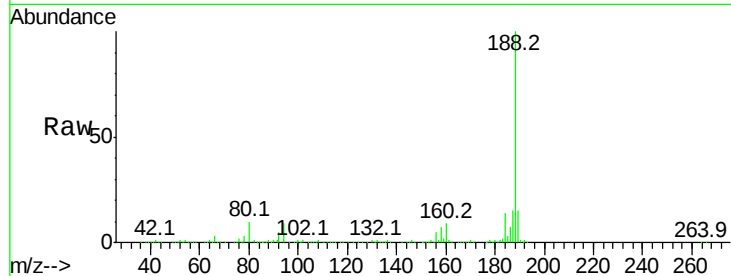
ClientSampleId :

PB97045BS

Tot Ion:188	Resp:	530258
Ion Ratio	Lower	Upper
188 100		
94 9.2	10.0	15.0#
80 9.5	11.2	16.8#

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#64

4,6-Dinitro-2-methylphenol

Concen: 44.12 ng

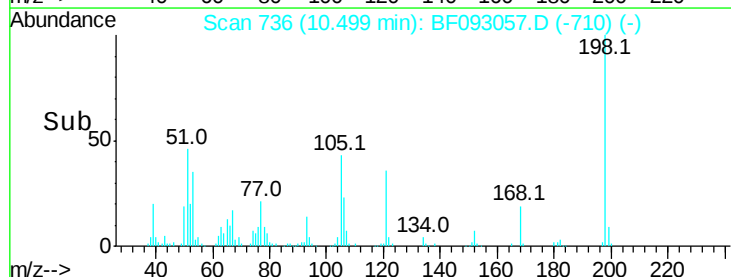
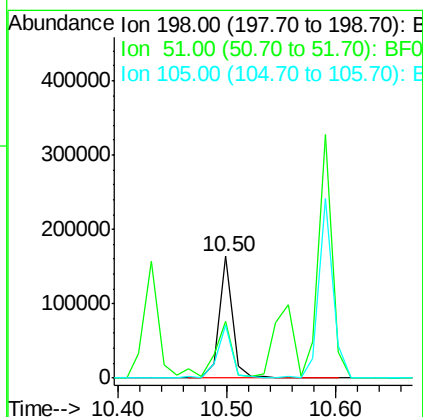
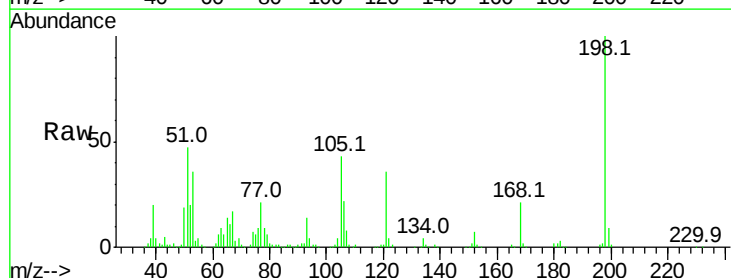
RT: 10.50 min Scan# 736

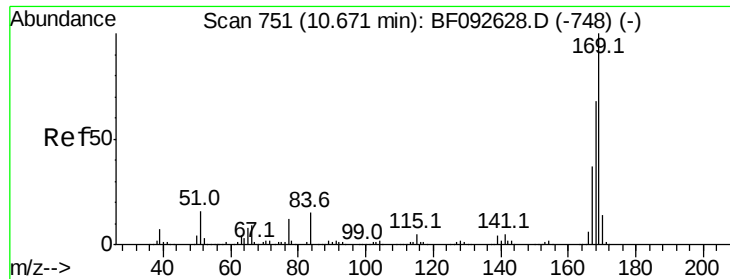
Delta R.T. -0.00 min

Lab File: BF093057.D

Acq: 21 Feb 2017 6:18

Tgt Ion:198	Resp:	141674
Ion Ratio	Lower	Upper
198 100		
51 46.6	6.7	46.7
105 43.1	16.6	56.6





#65

n-Nitrosodiphenylamine

Concen: 47.45 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF093057.D

Acq: 21 Feb 2017 6:18

Instrument :

BNA_F

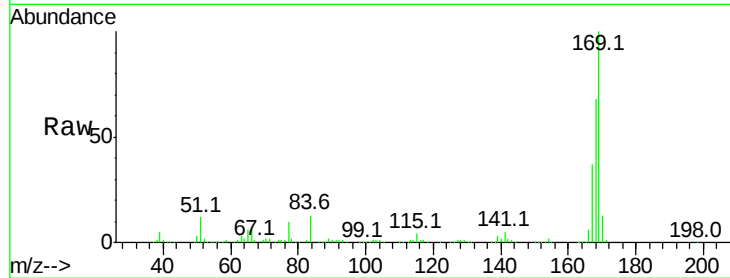
ClientSampled :

PB97045BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	803829		
168	67.9		54.2	81.2
167	37.5		30.2	45.4

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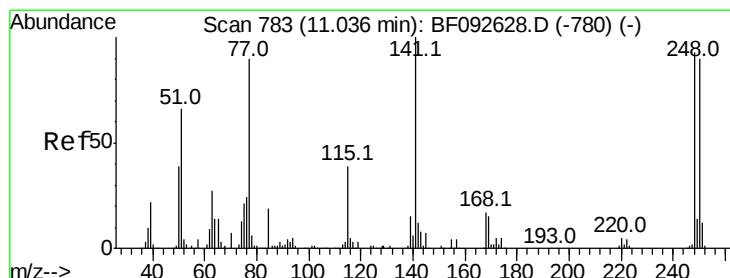
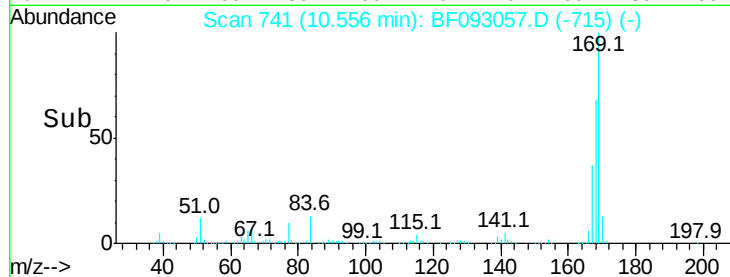
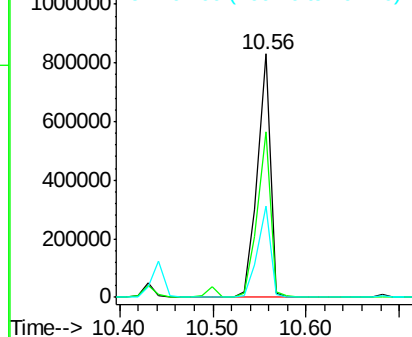


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.64 ng

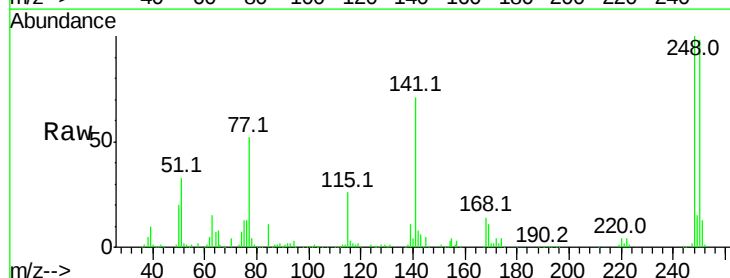
RT: 10.92 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF093057.D

Acq: 21 Feb 2017 6:18

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	236239		
250	97.8		76.9	115.3
141	71.2		68.2	102.4

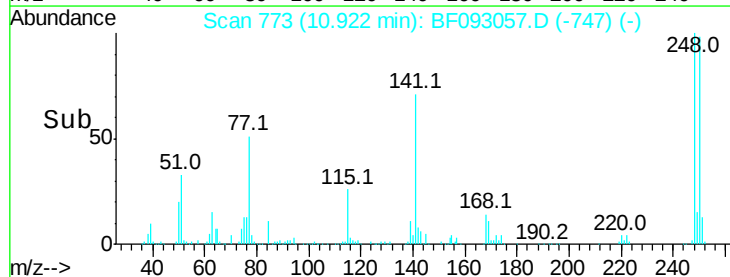
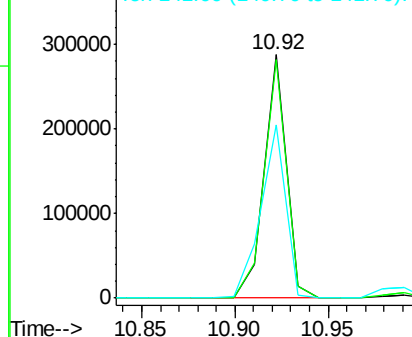


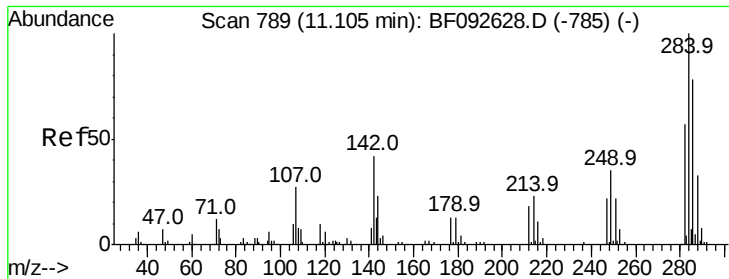
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





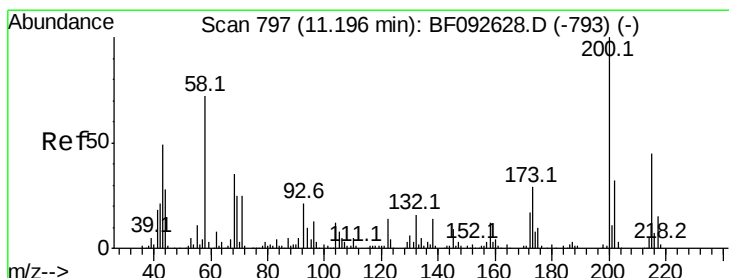
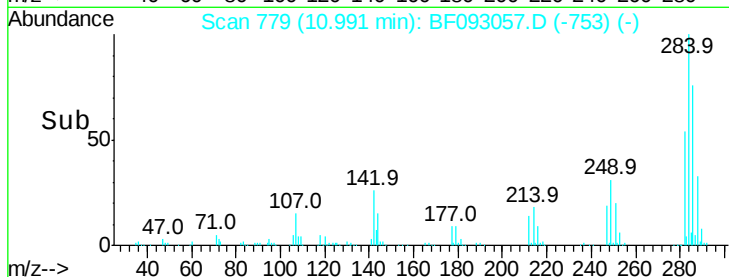
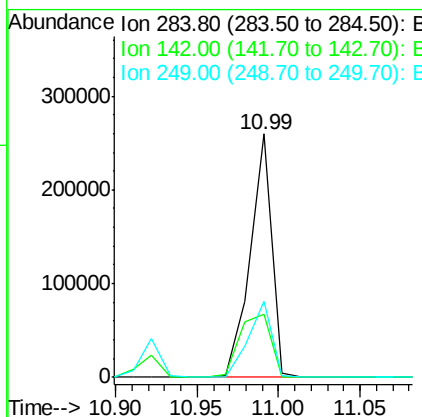
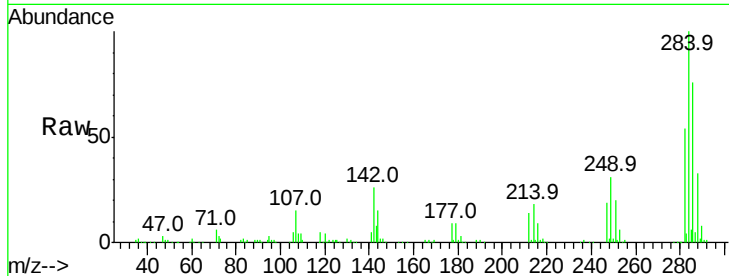
#67
Hexachlorobenzene
Concen: 43.64 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF093057.D
Acq: 21 Feb 2017 6:18

Instrument :
BNA_F
ClientSampleId :
PB97045BS

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	26.0	22.6	33.8
249	31.2	25.4	38.0

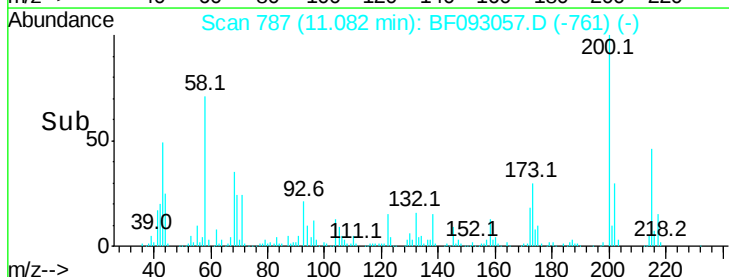
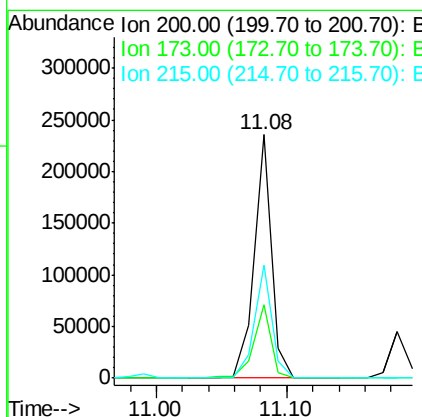
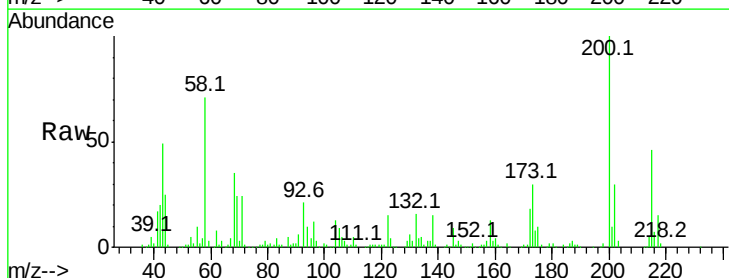
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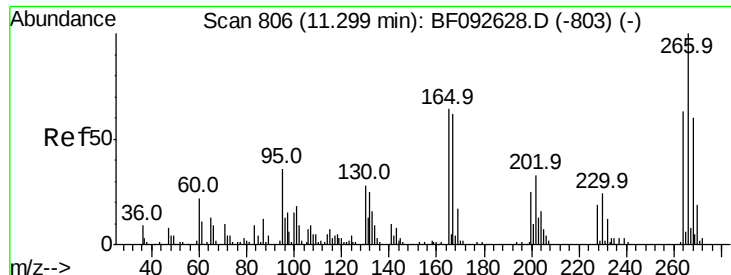
mohammad
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#68
Atrazine
Concen: 40.34 ng
RT: 11.08 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF093057.D
Acq: 21 Feb 2017 6:18

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	30.1	9.6	49.6
215	46.4	25.7	65.7





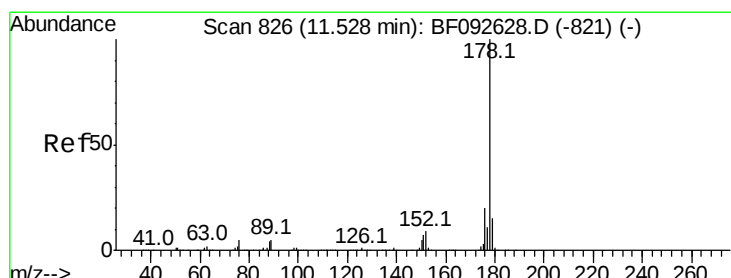
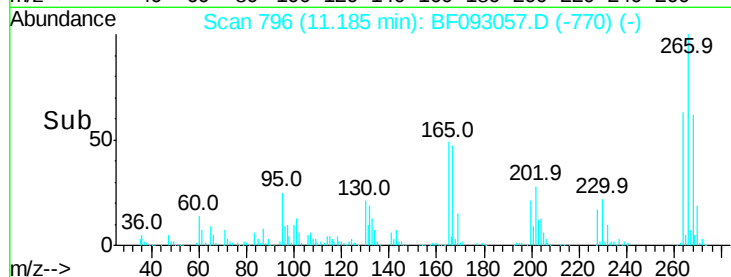
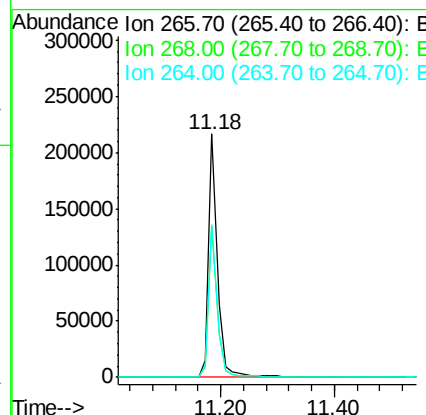
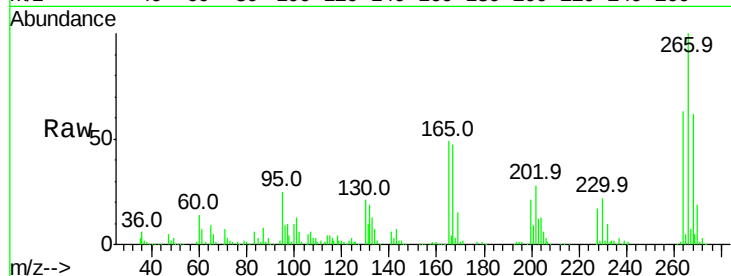
#69
 Pentachlorophenol
 Concen: 80.09 ng
 RT: 11.18 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF093057.D
 Acq: 21 Feb 2017 6:18

Instrument :
 BNA_F
 ClientSampleId :
 PB97045BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	226375		
268	62.2	53.3	79.9	
264	62.5	50.3	75.5	

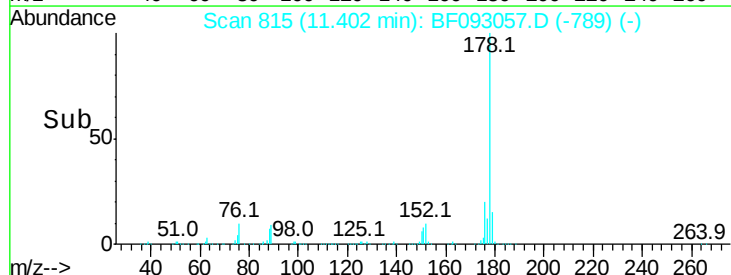
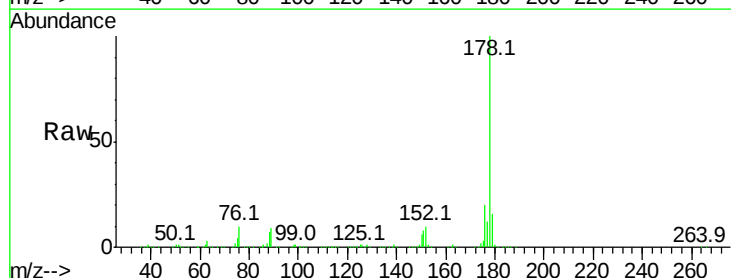
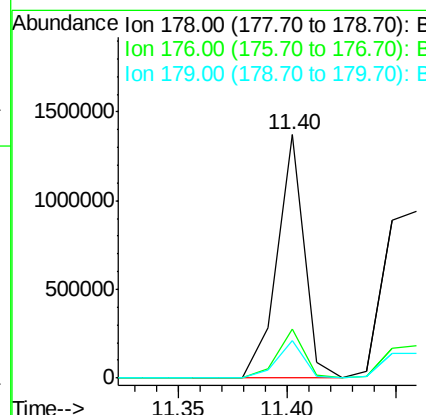
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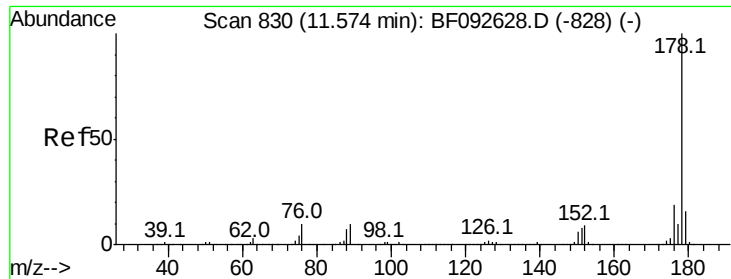
mohammad
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#70
 Phenanthrene
 Concen: 39.56 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF093057.D
 Acq: 21 Feb 2017 6:18

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1201732		
176	20.1	16.6	25.0	
179	15.5	12.8	19.2	





#71
 Anthracene
 Concen: 42.65 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF093057.D
 Acq: 21 Feb 2017 6:18

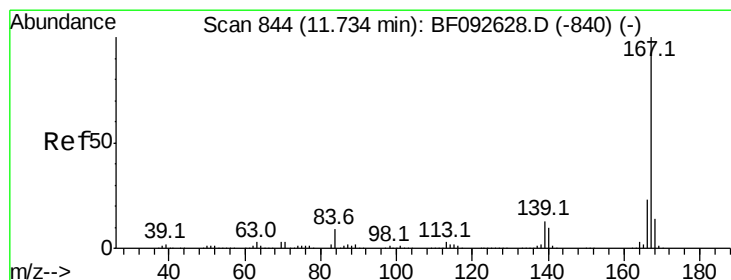
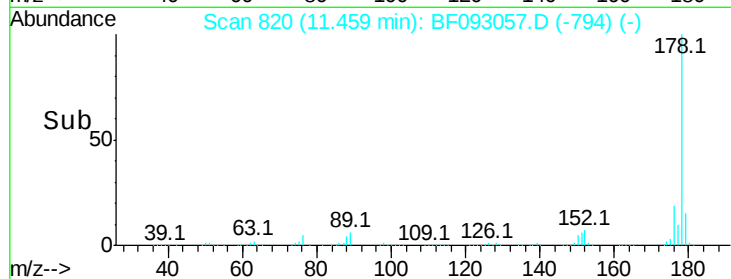
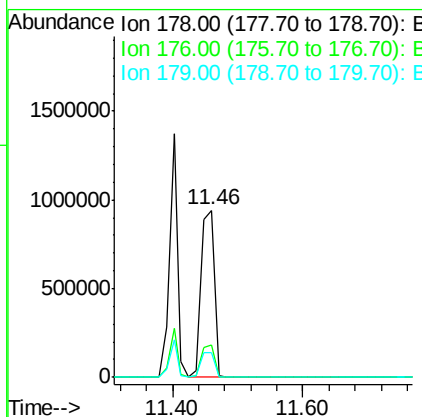
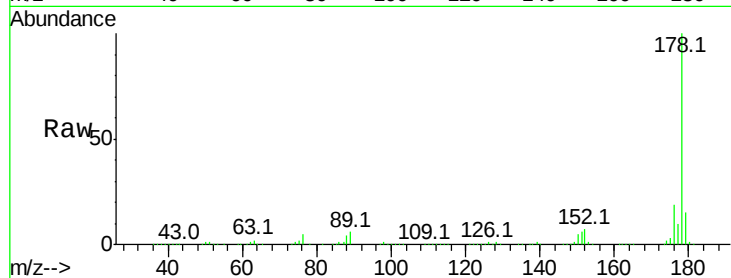
Instrument :
 BNA_F
 ClientSampleId :
 PB97045BS

Tot Ion:178 Resp: 1301069

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.9	23.9
179	15.0	13.2	19.8

Manual Integrations
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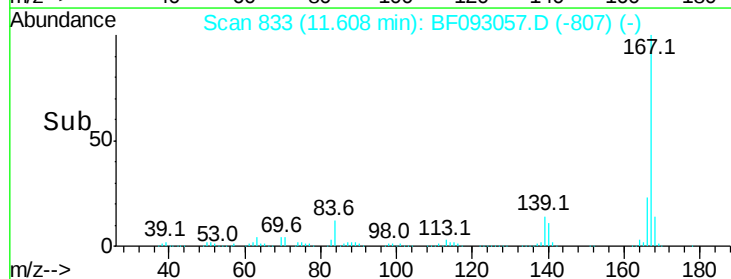
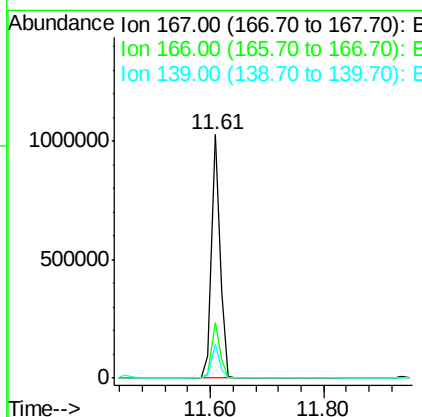
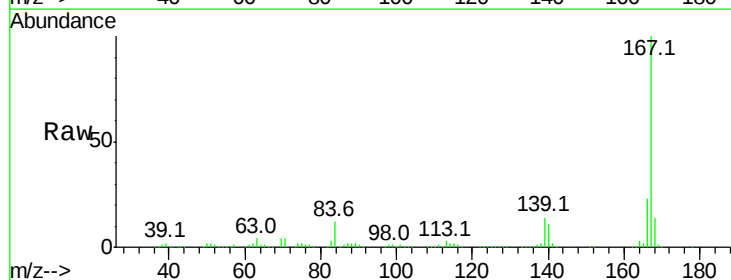
mohammad
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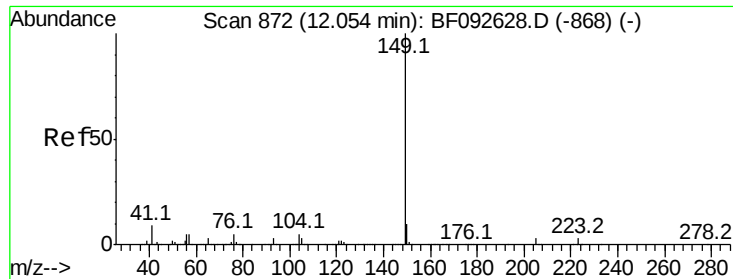


#72
 Carbazole
 Concen: 35.53 ng
 RT: 11.61 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF093057.D
 Acq: 21 Feb 2017 6:18

Tgt Ion:167 Resp: 1036164

Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.2	27.2
139	14.1	11.4	17.2





#73

Di-n-butylphthalate

Concen: 46.80 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF093057.D

Acq: 21 Feb 2017 6:18

Instrument :

BNA_F

ClientSampleId :

PB97045BS

Tot Ion:149 Resp: 1476146

Ion Ratio Lower Upper

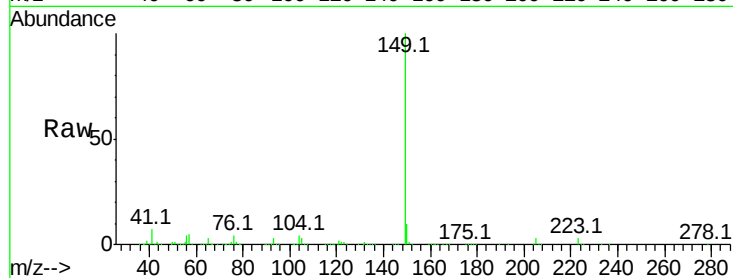
149 100

150 9.5 8.1 12.1

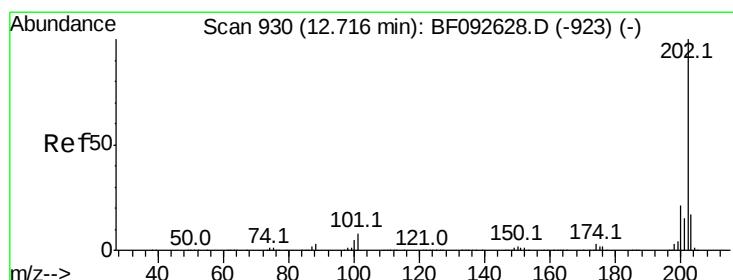
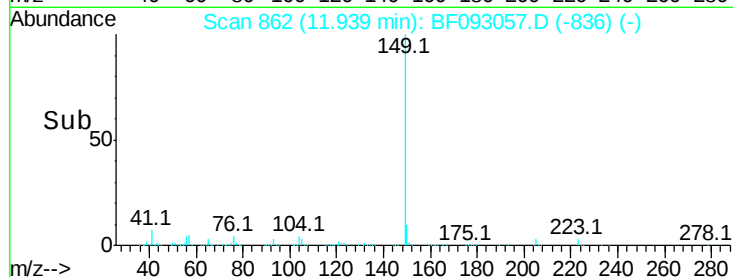
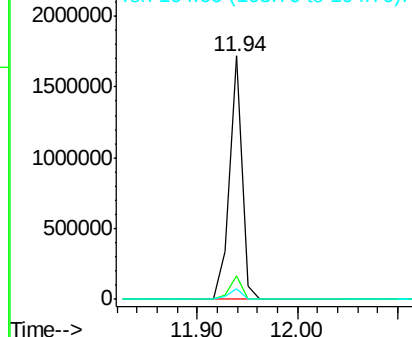
104 4.4 4.6 7.0#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.99 ng

RT: 12.59 min Scan# 919

Delta R.T. 0.00 min

Lab File: BF093057.D

Acq: 21 Feb 2017 6:18

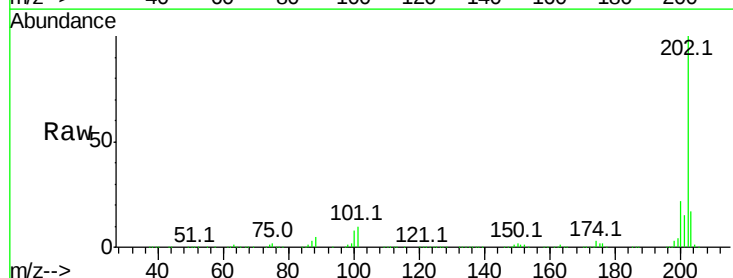
Tgt Ion:202 Resp: 1190363

Ion Ratio Lower Upper

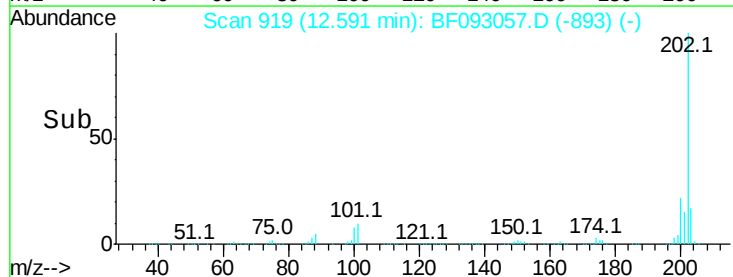
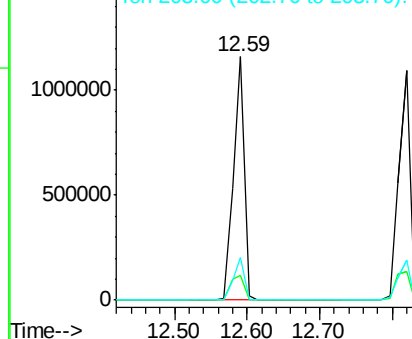
202 100

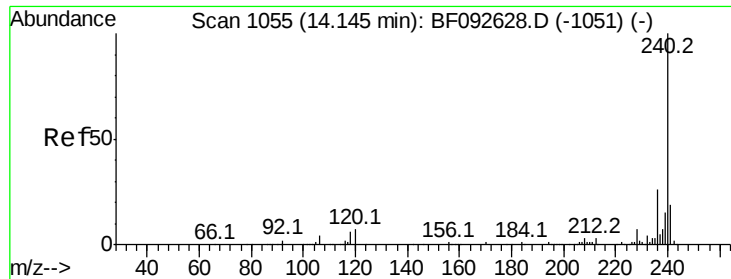
101 10.3 0.0 34.6

203 17.4 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF093057.D

Acq: 21 Feb 2017 6:18

Instrument :

BNA_F

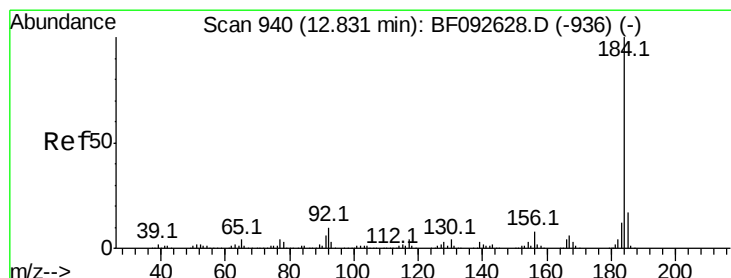
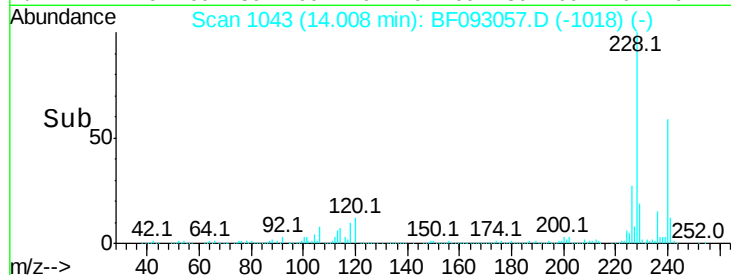
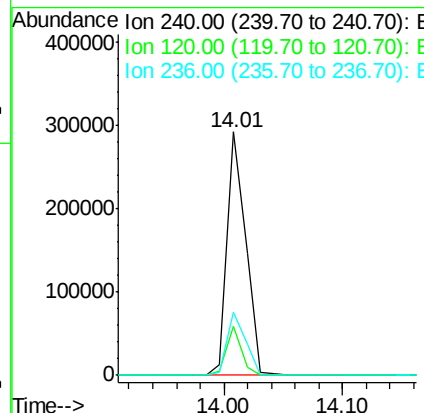
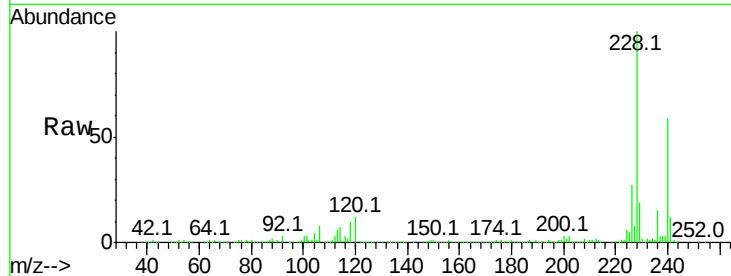
ClientSampleId :

PB97045BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	19.9	12.9	19.3#
236	25.8	20.9	31.3

Manual Integrations
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#76

Benzidine

Concen: 31.97 ng

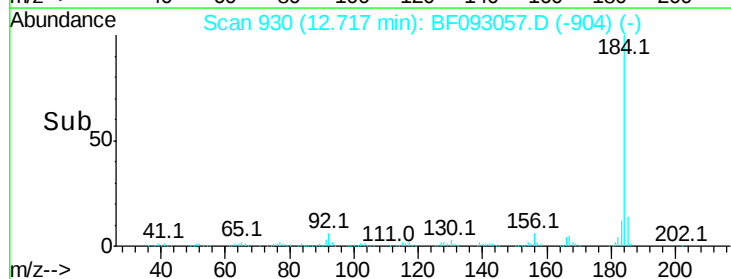
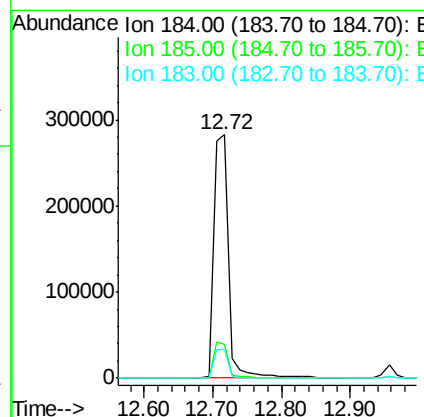
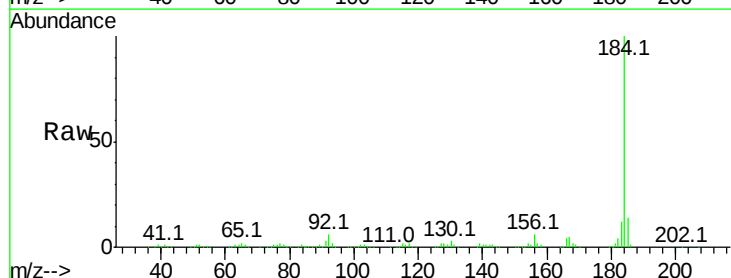
RT: 12.72 min Scan# 930

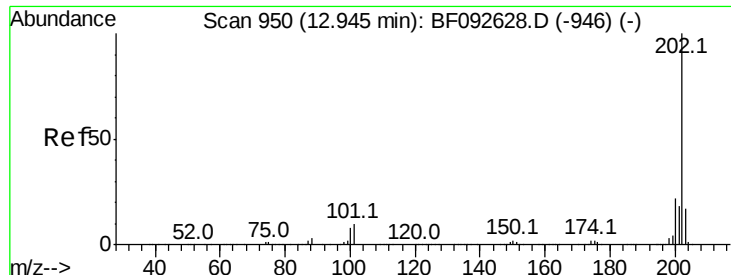
Delta R.T. -0.00 min

Lab File: BF093057.D

Acq: 21 Feb 2017 6:18

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.1	13.4	20.0
183	11.9	9.2	13.8





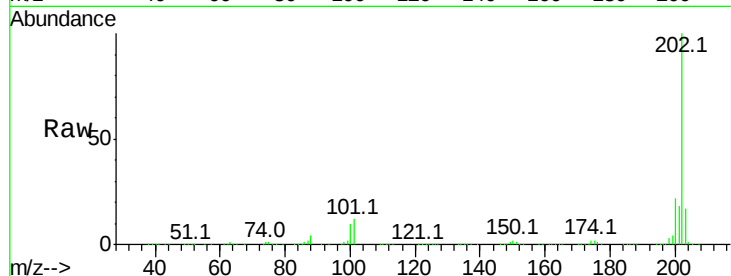
#77
Pvrene
Concen: 49.53 ng
RT: 12.82 min Scan# 939
Delta R.T. -0.00 min
Lab File: BF093057.D
Acq: 21 Feb 2017 6:18

Instrument :
BNA_F
ClientSampleId :
PB97045BS

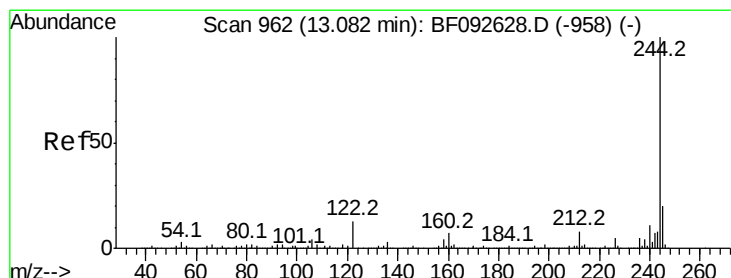
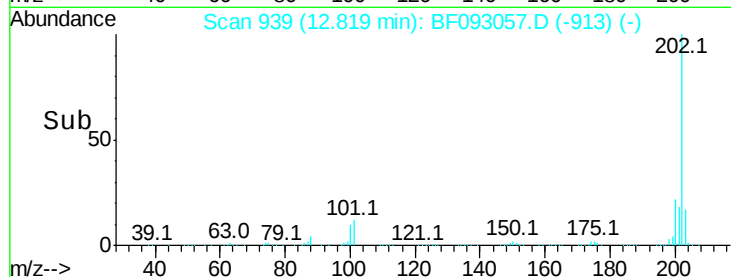
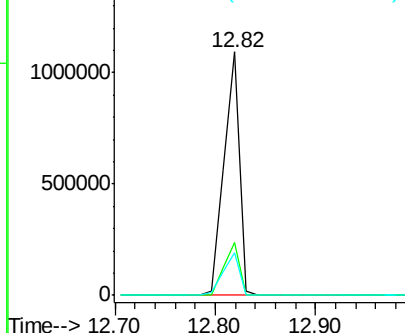
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.7	26.5
203	17.5	14.7	22.1

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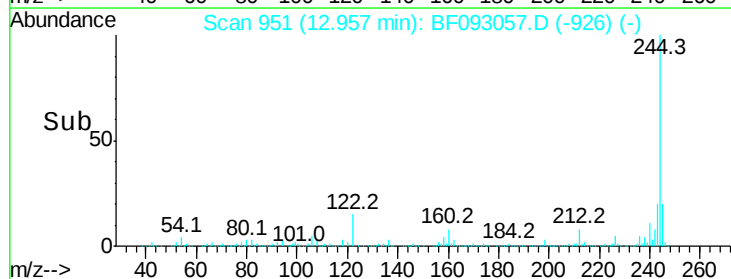
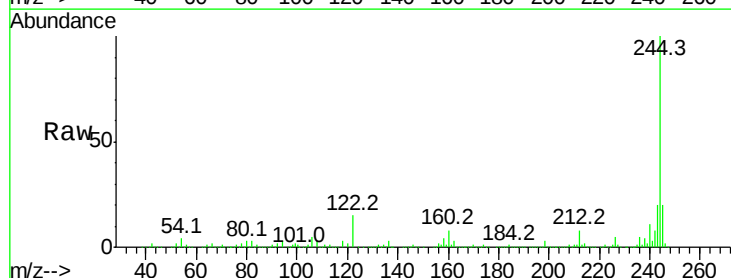
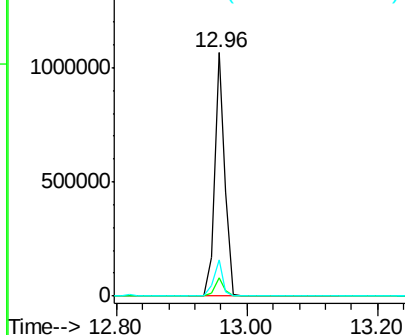
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

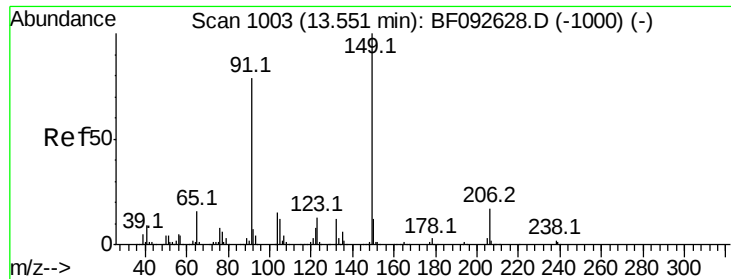


#78
Terphenyl-d14
Concen: 87.87 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF093057.D
Acq: 21 Feb 2017 6:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	14.9	11.4	17.2

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





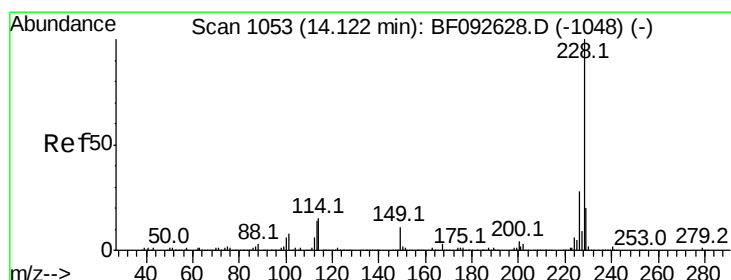
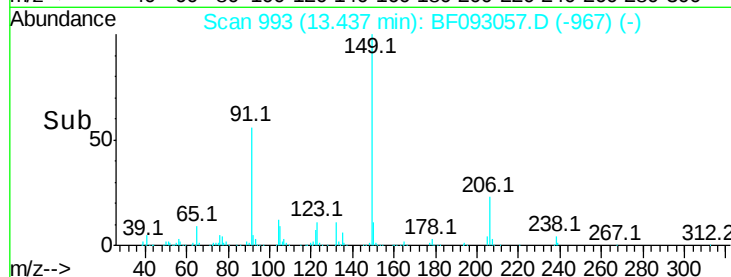
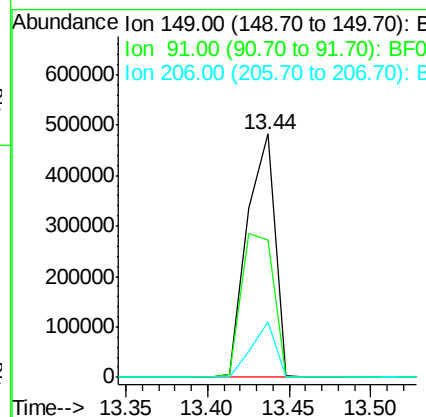
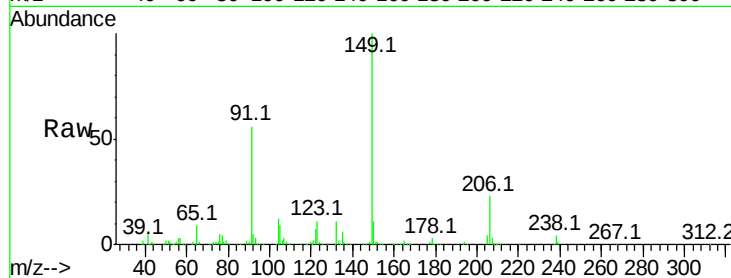
#79
Butylbenzylphthalate
Concen: 59.61 ng
RT: 13.44 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF093057.D
Acq: 21 Feb 2017 6:18

Instrument :
BNA_F
ClientSampleId :
PB97045BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	56.2	63.9	95.9#	
206	22.9	14.6	21.8#	

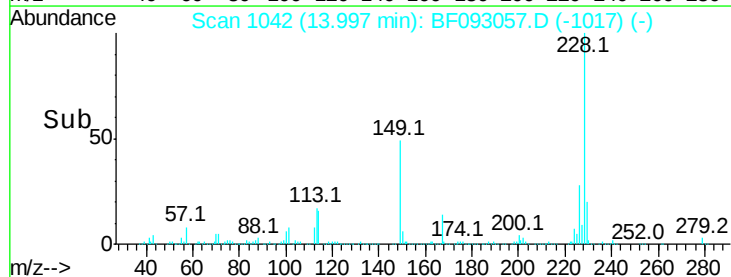
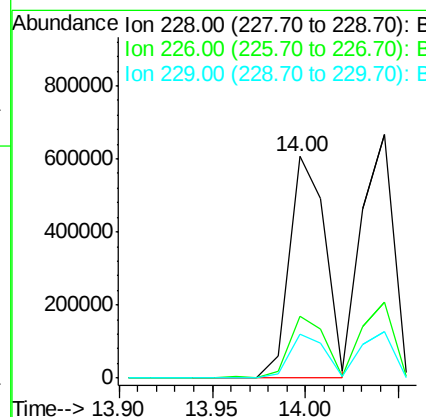
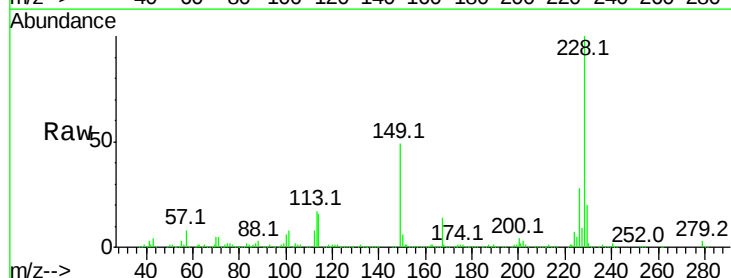
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#80
Benzo(a)anthracene
Concen: 42.12 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF093057.D
Acq: 21 Feb 2017 6:18

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	28.1	22.4	33.6	
229	20.0	16.2	24.4	





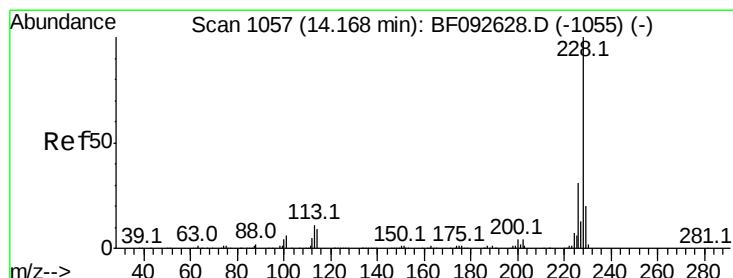
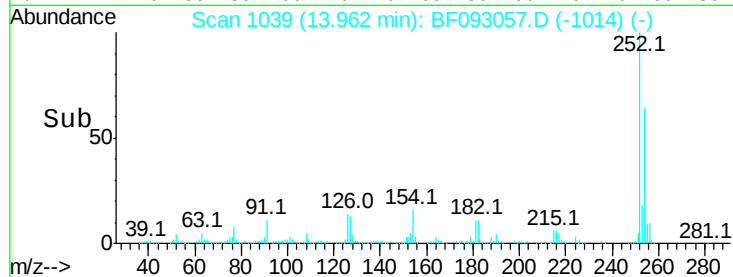
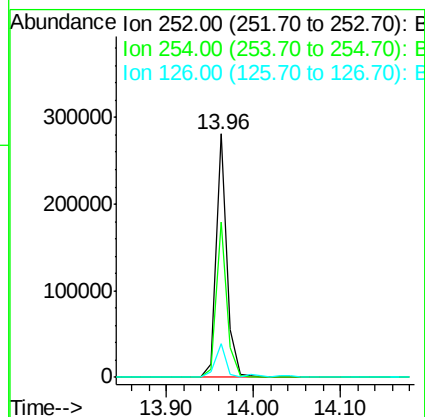
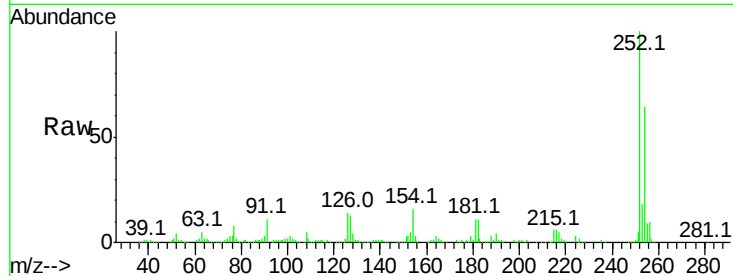
#81
 3,3'-Dichlorobenzidine
 Concen: 35.93 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF093057.D
 Acq: 21 Feb 2017 6:18

Instrument :
 BNA_F
 ClientSampleId :
 PB97045BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	245809		
254	63.8		52.3	78.5
126	14.0		13.6	20.4

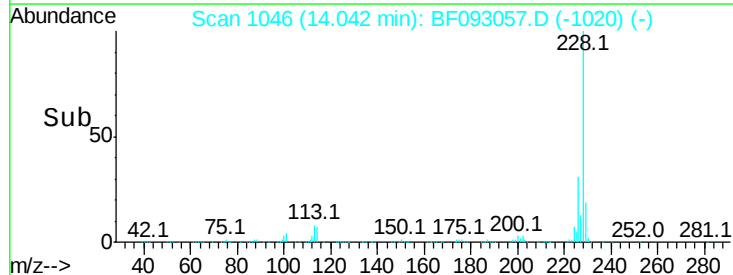
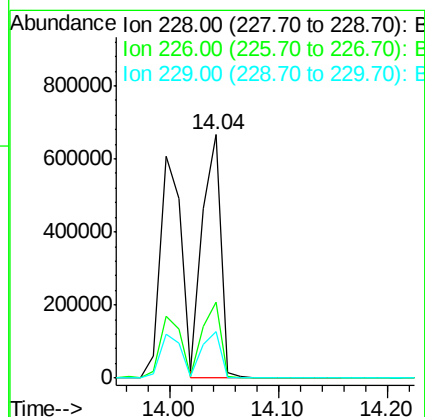
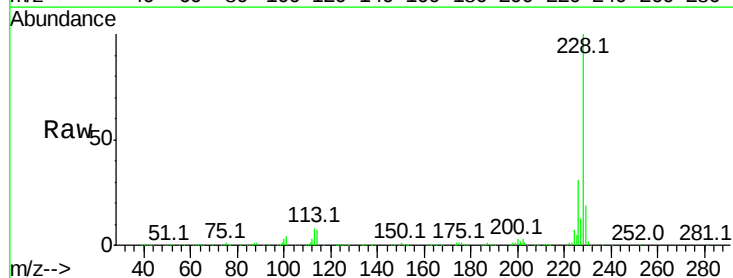
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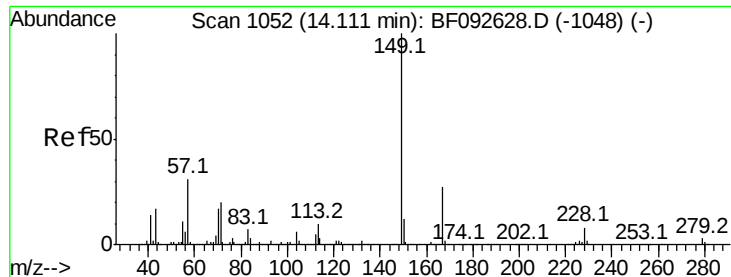
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#82
 Chrysene
 Concen: 44.17 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BF093057.D
 Acq: 21 Feb 2017 6:18

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	793631		
226	31.3		25.4	38.0
229	19.3		16.2	24.2





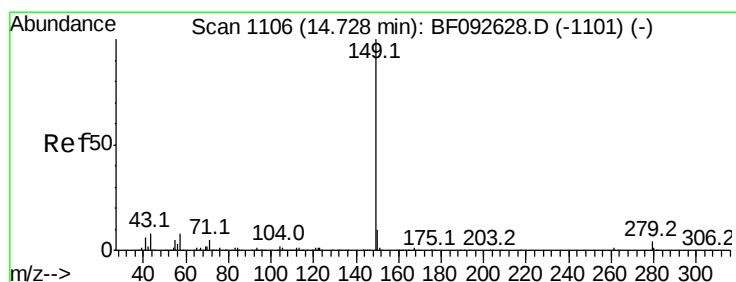
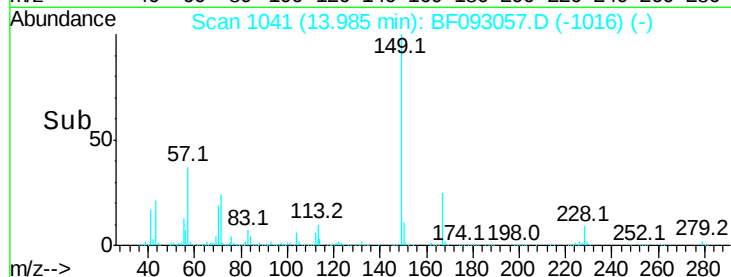
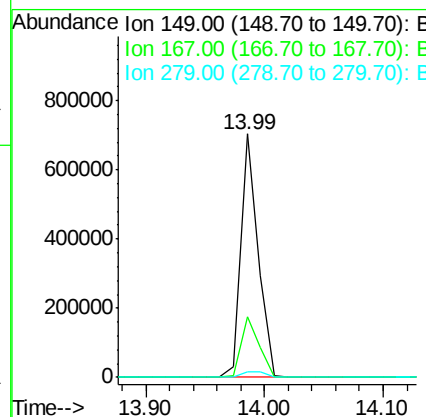
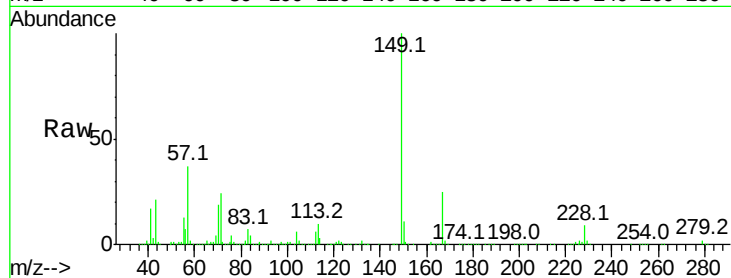
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.68 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF093057.D
 Acq: 21 Feb 2017 6:18

Instrument :
 BNA_F
 ClientSampleId :
 PB97045BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	713136		
167	25.1	20.2	30.4	
279	2.1	1.8	2.8	

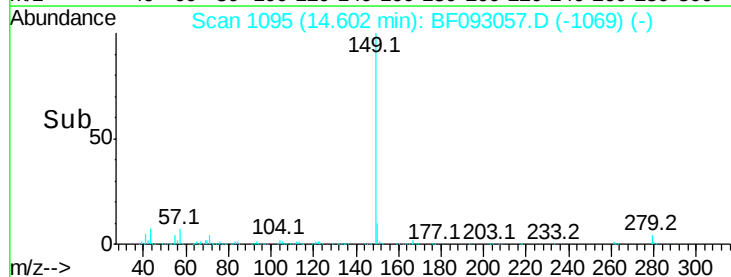
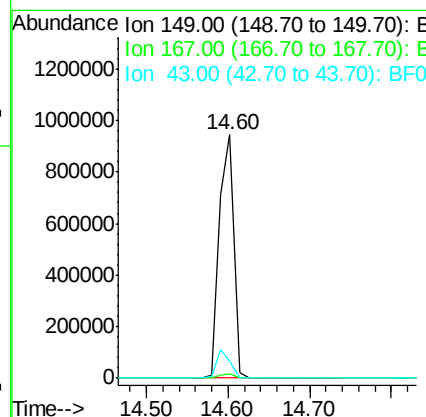
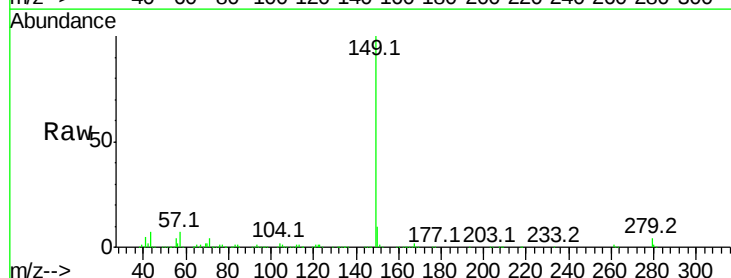
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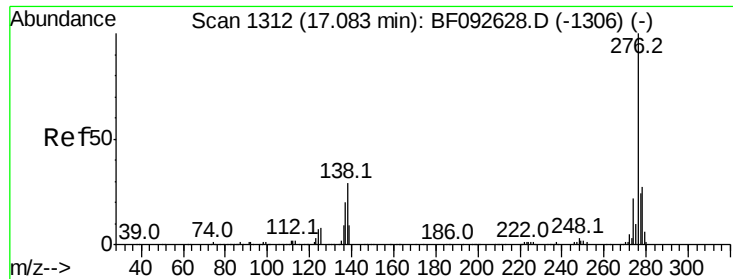
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 55.02 ng
 RT: 14.60 min Scan# 1095
 Delta R.T. -0.00 min
 Lab File: BF093057.D
 Acq: 21 Feb 2017 6:18

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1168382		
167	1.5	1.3	1.9	
43	10.8	8.9	13.3	





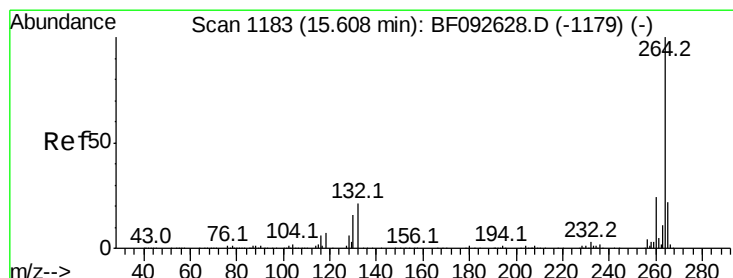
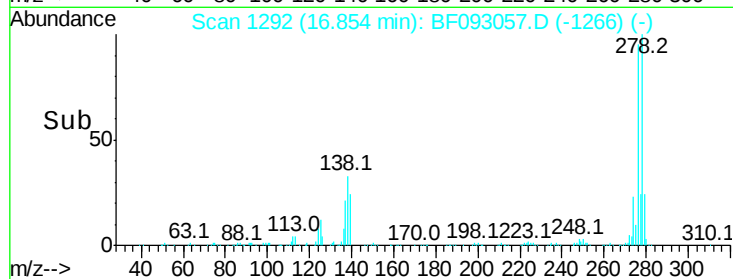
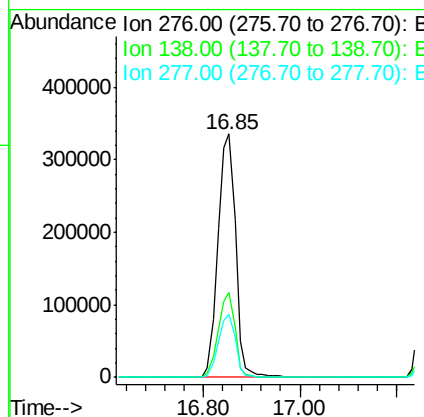
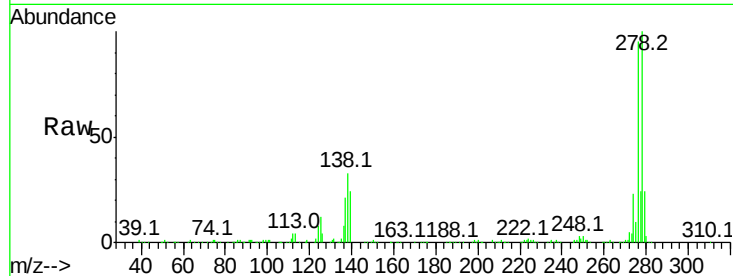
#85
Indeno(1,2,3-cd)pyrene
Concen: 62.25 ng
RT: 16.85 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BF093057.D
Acq: 21 Feb 2017 6:18

Instrument :
BNA_F
ClientSampleId :
PB97045BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.4	21.8	32.6
277	25.2	20.2	30.4

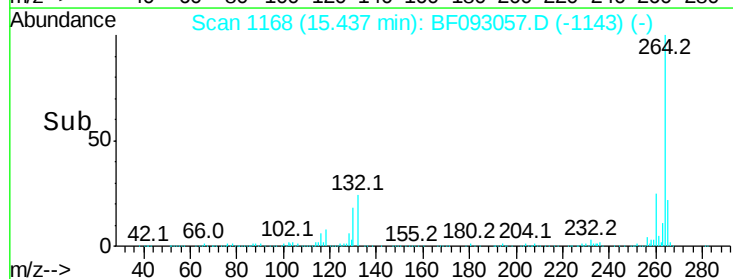
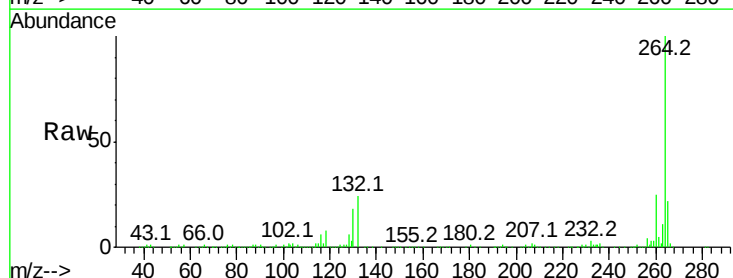
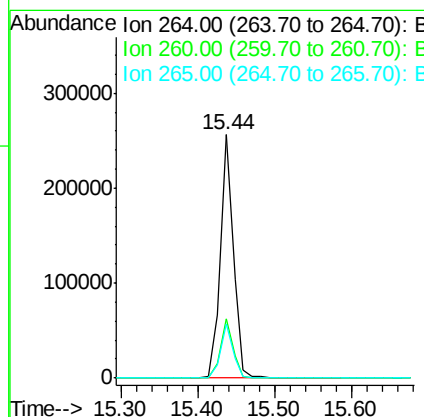
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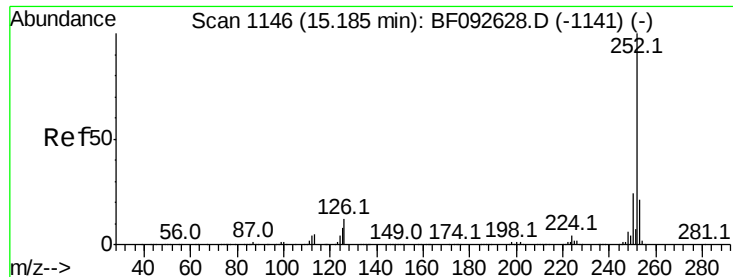
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF093057.D
Acq: 21 Feb 2017 6:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.0	17.4	26.0





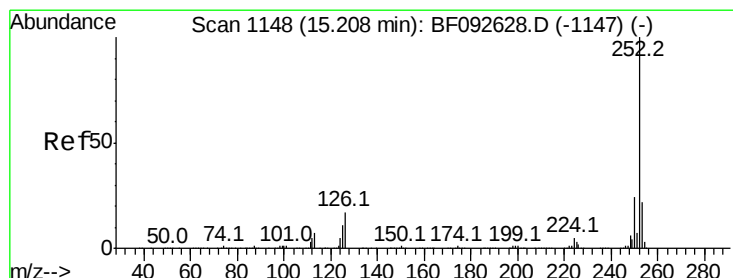
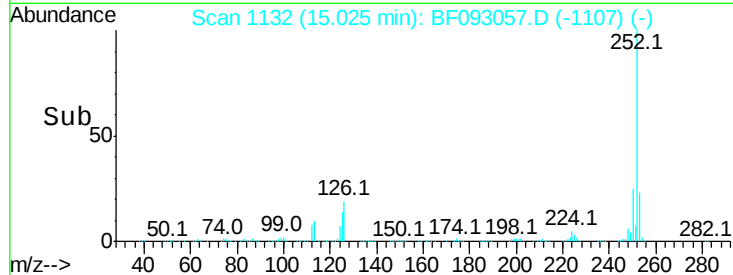
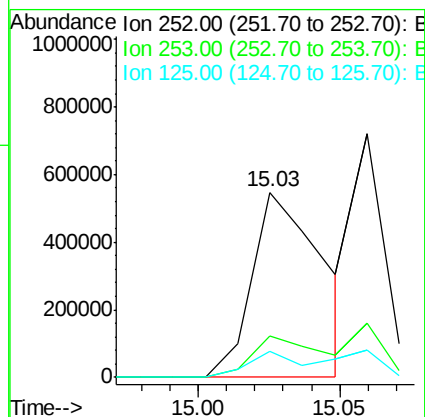
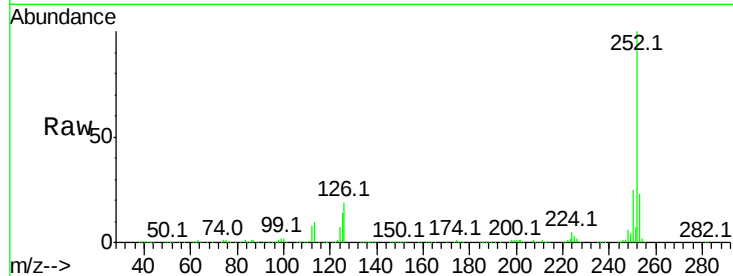
#87
Benzo(b)fluoranthene
Concen: 47.25 ng m
RT: 15.03 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF093057.D
Acq: 21 Feb 2017 6:18

Instrument :
BNA_F
ClientSampleId :
PB97045BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	14.3	9.8	14.6

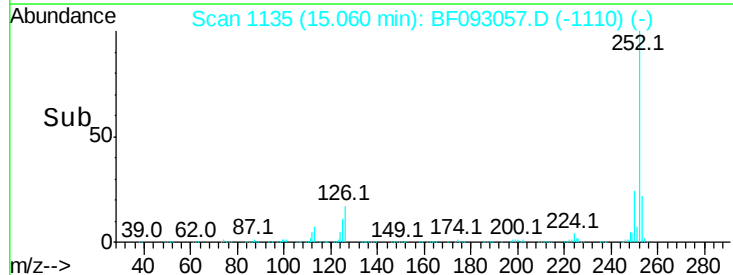
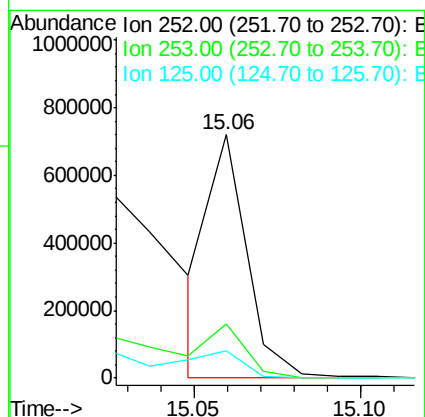
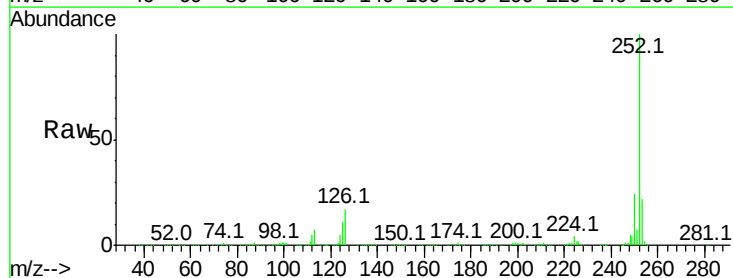
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#88
Benzo(k)fluoranthene
Concen: 33.18 ng m
RT: 15.06 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BF093057.D
Acq: 21 Feb 2017 6:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.5	27.7
125	11.4	8.9	13.3





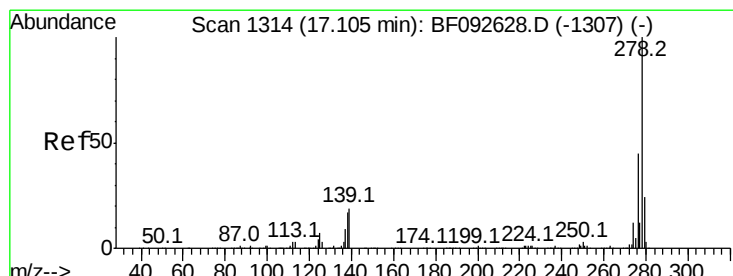
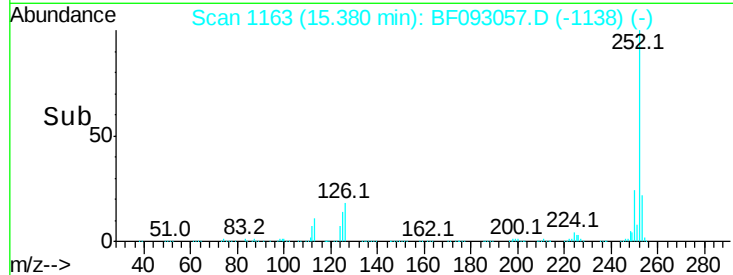
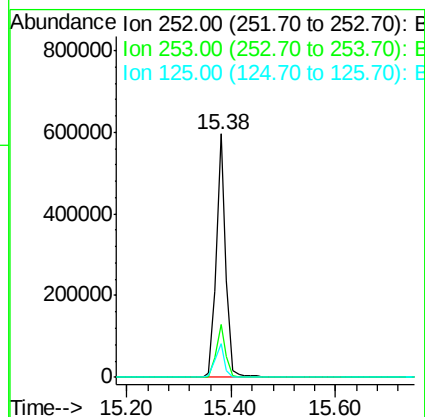
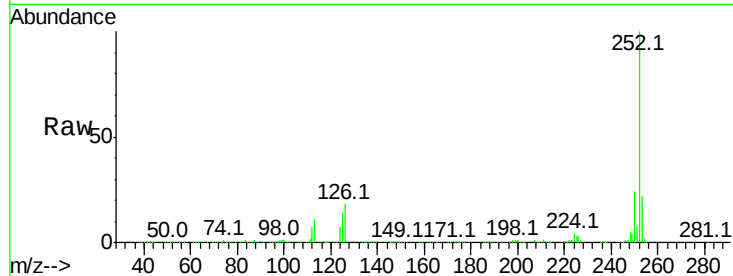
#89
Benzo(a)pyrene
Concen: 43.12 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF093057.D
Acq: 21 Feb 2017 6:18

Instrument :
BNA_F
ClientSampleId :
PB97045BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.2
125	13.8	10.0	15.0

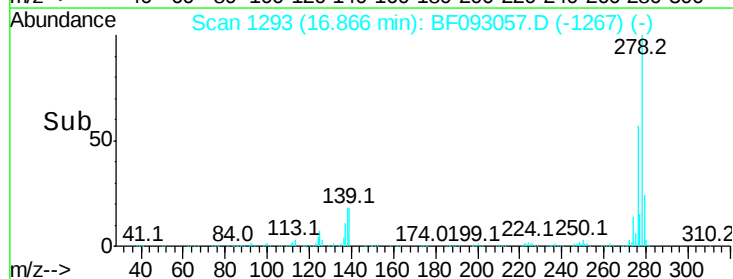
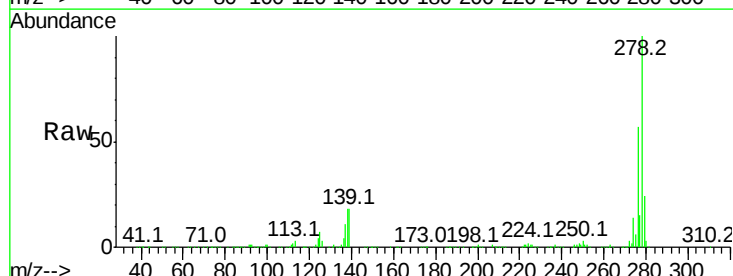
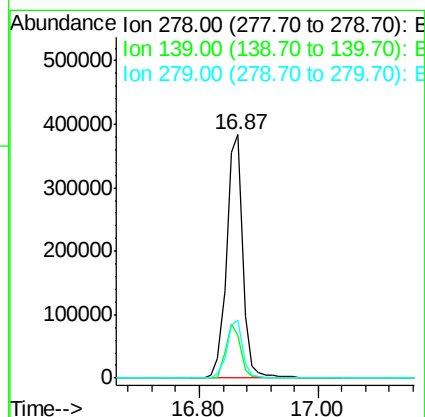
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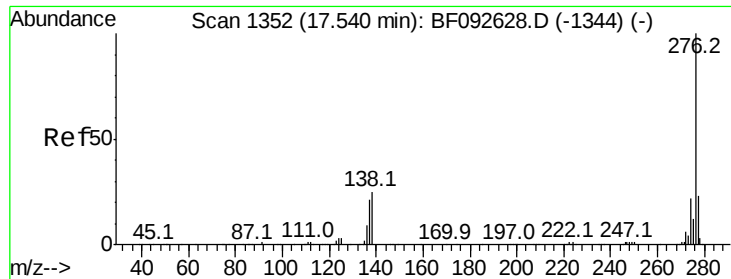
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#90
Dibenzo(a,h)anthracene
Concen: 51.99 ng
RT: 16.87 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF093057.D
Acq: 21 Feb 2017 6:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.7	14.8	22.2
279	23.7	19.8	29.6





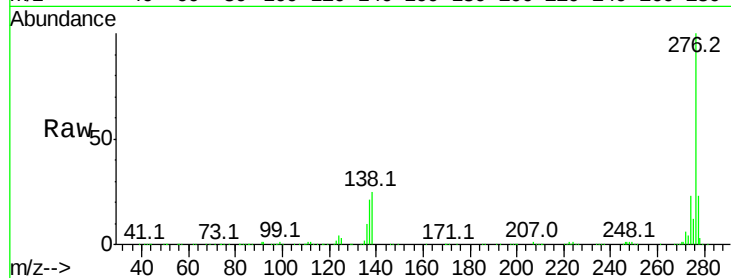
#91
 Benzo(a,h,i)perylene
 Concen: 52.81 ng
 RT: 17.28 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF093057.D
 Acq: 21 Feb 2017 6:18

Instrument :
 BNA_F
 ClientSampleId :
 PB97045BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.5	19.2	28.8
138	25.2	16.0	24.0

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

