

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
 Data File : BF093389.D
 Acq On : 4 Mar 2017 7:05
 Operator : SJ/MA
 Sample : I2087-01MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-002-ABCDMS

Manual Integrations
 APPROVED

mohammad
 3/6/2017 4:23:51 PM

Quant Time: Mar 06 00:07:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Mar 05 23:55:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	178029	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	706573	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	318713	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	515476	20.00	ng	0.00
75) Chrysene-d12	13.95	240	335114	20.00	ng	0.00
86) Perylene-d12	15.36	264	309882	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1559123	150.25	ng	0.02
7) Phenol-d6	6.44	99	1774307	132.89	ng	0.00
23) Nitrobenzene-d5	7.37	82	1268488	99.97	ng	0.01
41) 2,4,6-Tribromophenol	10.62	330	315322	136.79	ng	0.01
44) 2-Fluorobiphenyl	9.15	172	1724743	98.04	ng	0.00
78) Terphenyl-d14	12.89	244	1145089	80.29	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.37	88	246398	43.94	ng	# 84
3) Pyridine	3.07	79	577282	40.49	ng	89
4) n-Nitrosodimethylamine	3.04	42	369449	55.19	ng	84
6) Aniline	6.45	93	422982	23.22	ng	# 55
8) 2-Chlorophenol	6.58	128	566983	49.53	ng	91
9) Benzaldehyde	6.33	77	161066	16.84	ng	85
10) Phenol	6.45	94	777255	49.76	ng	91
11) bis(2-Chloroethyl)ether	6.52	93	619354	49.67	ng	89
12) 1,3-Dichlorobenzene	6.73	146	643495	47.99	ng	98
13) 1,4-Dichlorobenzene	6.81	146	639622m	47.13	ng	
14) 1,2-Dichlorobenzene	6.96	146	592628	45.67	ng	97
15) Benzyl Alcohol	6.94	79	459279	46.46	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	963746	44.49	ng	72
17) 2-Methylphenol	7.06	107	465504	47.40	ng	94
18) Hexachloroethane	7.30	117	221321	47.77	ng	# 89
19) n-Nitroso-di-n-propylamine	7.22	70	429340	50.51	ng	# 93
20) 3+4-Methylphenols	7.22	107	628356	53.51	ng	# 80
22) Acetophenone	7.21	105	806413	49.99	ng	# 97
24) Nitrobenzene	7.38	77	622910	47.81	ng	99
25) Isophorone	7.62	82	1193829	50.49	ng	95
26) 2-Nitrophenol	7.70	139	334664	54.04	ng	93
27) 2,4-Dimethylphenol	7.74	122	513611	47.22	ng	98
28) bis(2-Chloroethoxy)methane	7.84	93	769723	49.16	ng	100
29) 2,4-Dichlorophenol	7.95	162	480481	47.37	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	504936	46.19	ng	95
31) Naphthalene	8.10	128	1634762	45.64	ng	99
32) Benzoic acid	7.89	122	201727	35.01	ng	97
33) 4-Chloroaniline	8.16	127	213859	15.22	ng	99
34) Hexachlorobutadiene	8.21	225	261141	43.42	ng	98
35) Caprolactam	8.53	113	159462	49.98	ng	# 28
36) 4-Chloro-3-methylphenol	8.66	107	537018	50.78	ng	94
37) 2-Methylnaphthalene	8.78	142	979580	42.59	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	472088	52.77	ng	100
40) Hexachlorocyclopentadiene	8.93	237	137580	34.08	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	302643	51.48	nq	93
43) 2,4,5-Trichlorophenol	9.13	196	308658	47.92	nq #	85
45) 1,1'-Biphenyl	9.25	154	1272312	55.13	nq	99
46) 2-Chloronaphthalene	9.28	162	941219	52.13	nq	97
47) 2-Nitroaniline	9.38	65	325274	53.59	nq	92
48) Acenaphthylene	9.69	152	1370840	43.95	nq	99
49) Dimethylphthalate	9.55	163	1260085	58.70	nq	98
50) 2,6-Dinitrotoluene	9.63	165	254355	54.86	nq #	76
51) Acenaphthene	9.86	154	869249	46.62	nq	98
52) 3-Nitroaniline	9.79	138	154800	29.18	nq	93
53) 2,4-Dinitrophenol	9.92	184	124992	54.60	nq #	78
54) Dibenzofuran	10.03	168	1178020	47.23	nq	97
55) 4-Nitrophenol	9.98	139	299289	78.32	nq #	77
56) 2,4-Dinitrotoluene	10.03	165	255255	41.36	nq #	65
57) Fluorene	10.37	166	931892	48.57	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	237961	55.38	nq	96
59) Diethylphthalate	10.25	149	995527	49.21	nq	99
60) 4-Chlorophenyl-phenylether	10.36	204	423388	45.93	nq	90
61) 4-Nitroaniline	10.41	138	218348	40.18	nq	94
62) Azobenzene	10.52	77	1217565	58.25	nq	97
64) 4,6-Dinitro-2-methylphenol	10.44	198	120134	38.83	nq #	17
65) n-Nitrosodiphenylamine	10.49	169	856889	52.04	nq	99
66) 4-Bromophenyl-phenylether	10.85	248	263849	48.99	nq	92
67) Hexachlorobenzene	10.92	284	241838	45.44	nq #	89
68) Atrazine	11.01	200	243284	46.04	nq	99
69) Pentachlorophenol	11.13	266	208011	76.10	nq	97
70) Phenanthrene	11.33	178	1273790	43.13	nq	99
71) Anthracene	11.39	178	1381583	46.58	nq	98
72) Carbazole	11.55	167	1213151	42.79	nq	97
73) Di-n-butylphthalate	11.87	149	1621572	52.89	nq #	98
74) Fluoranthene	12.52	202	1203991	39.52	nq	96
76) Benzidine	12.65	184	423768	29.68	nq	97
77) Pyrene	12.75	202	1172541	46.75	nq	99
79) Butylbenzylphthalate	13.37	149	573266	56.29	nq #	77
80) Benzo(a)anthracene	13.94	228	900135	43.92	nq	99
81) 3,3'-Dichlorobenzidine	13.91	252	303220	41.50	nq #	95
82) Chrysene	13.97	228	822798m	42.88	nq	
83) Bis(2-ethylhexyl)phthalate	13.92	149	729114	52.35	nq	99
84) Di-n-octyl phthalate	14.53	149	1206969	53.22	nq	98
85) Indeno(1,2,3-cd)pyrene	16.75	276	829383	55.80	nq #	93
87) Benzo(b)fluoranthene	14.97	252	1049558m	51.46	nq	
88) Benzo(k)fluoranthene	14.99	252	637206m	36.18	nq	
89) Benzo(a)pyrene	15.31	252	834917	47.32	nq	97
90) Dibenzo(a,h)anthracene	16.75	278	694428	48.70	nq	99
91) Benzo(g,h,i)perylene	17.15	276	707116	49.09	nq #	90

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

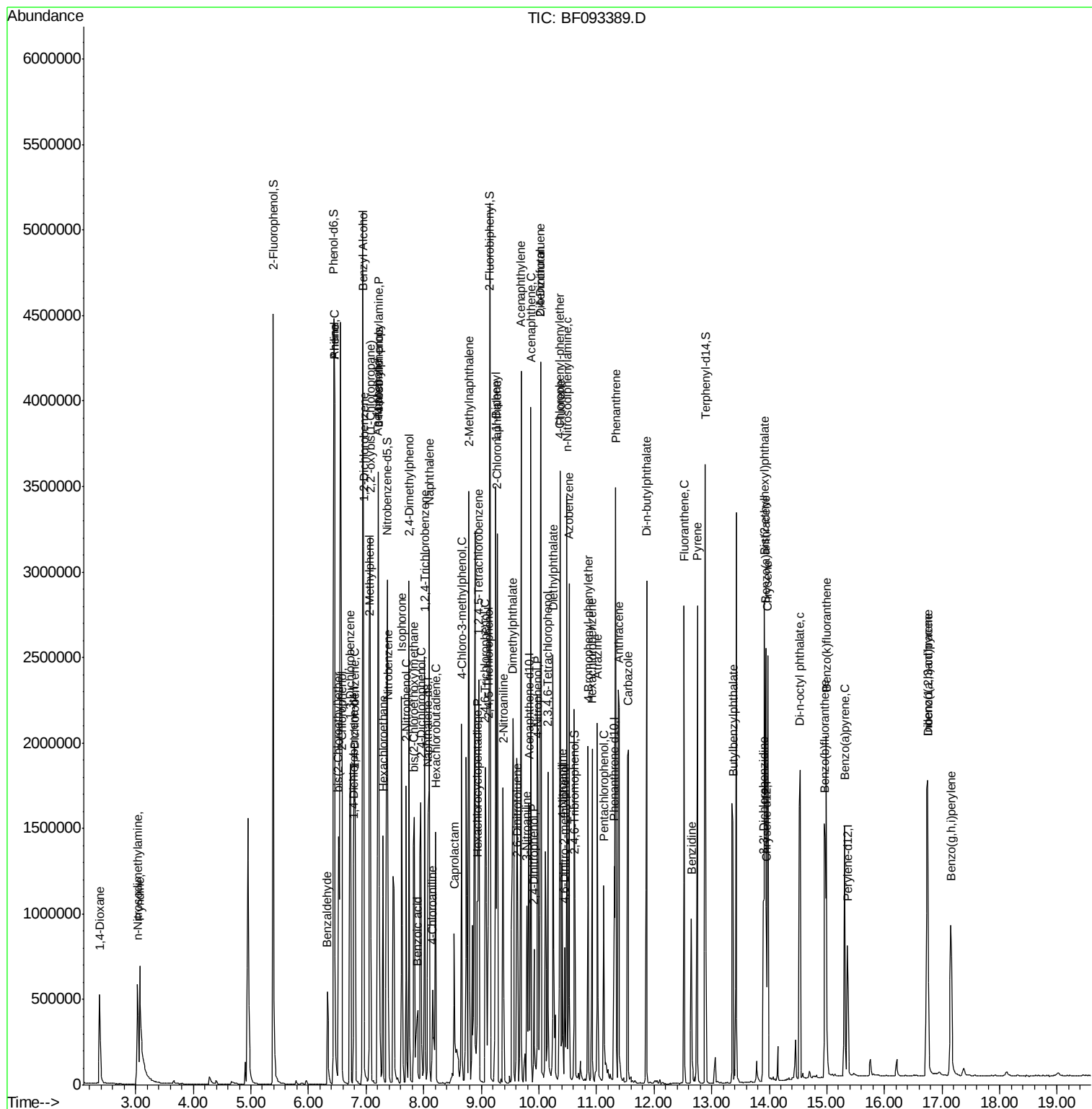
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Sample    : I2087-01MS
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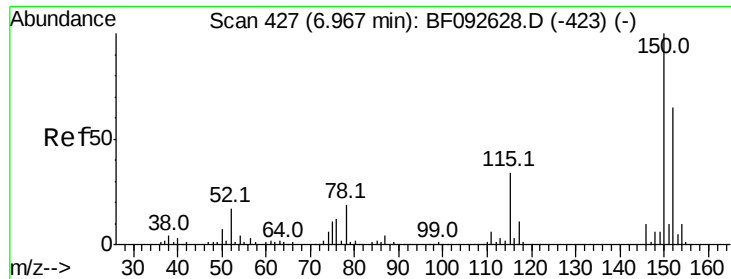
Instrument :
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#1

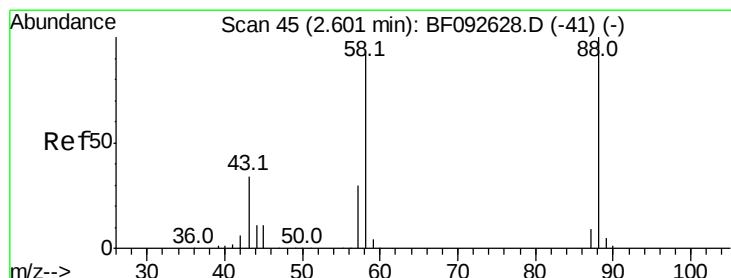
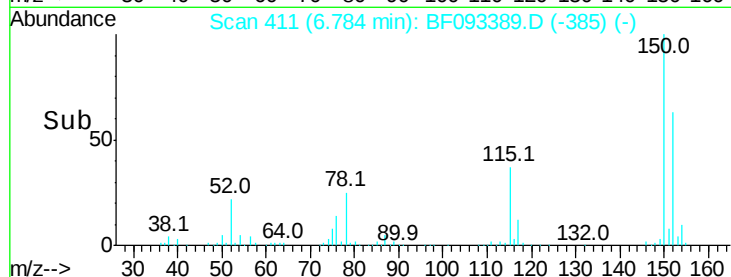
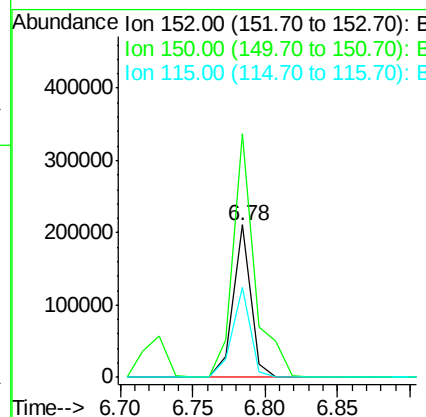
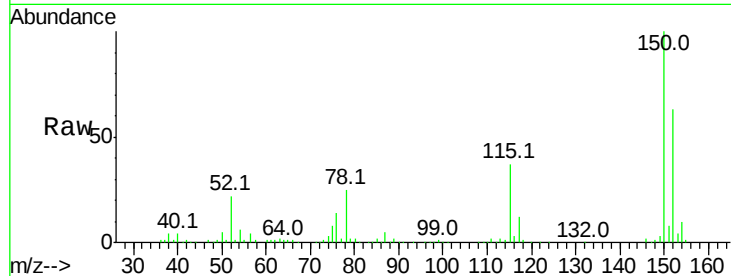
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.00 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-002-ABCDMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	124.9	187.3
115	59.1	46.0	69.0

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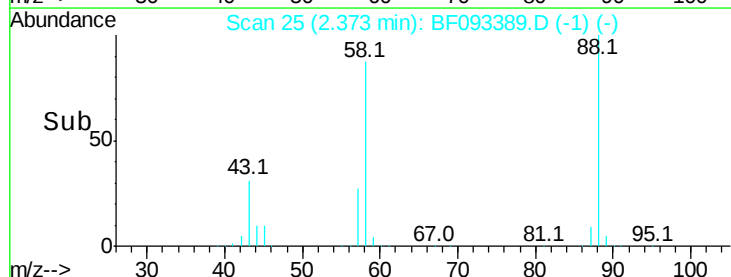
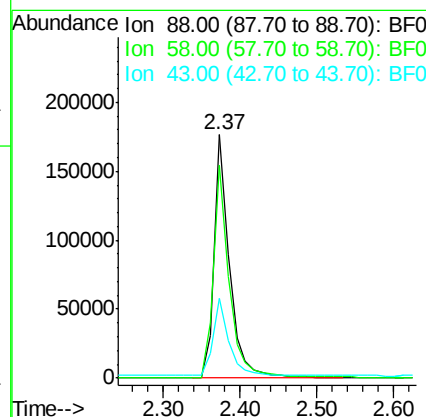
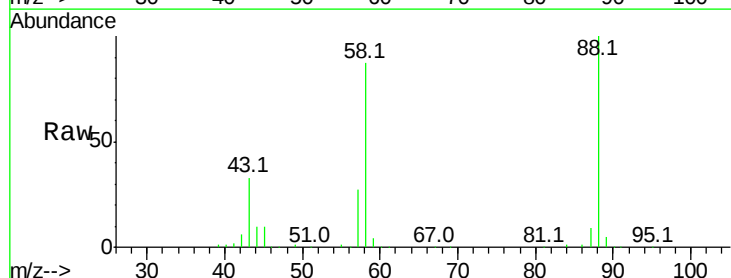
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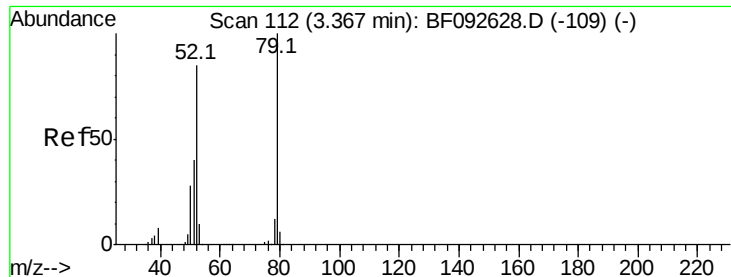


#2

1,4-Dioxane
Concen: 43.94 ng
RT: 2.37 min Scan# 25
Delta R.T. 0.08 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.7	57.8	86.8#
43	32.3	22.3	33.5





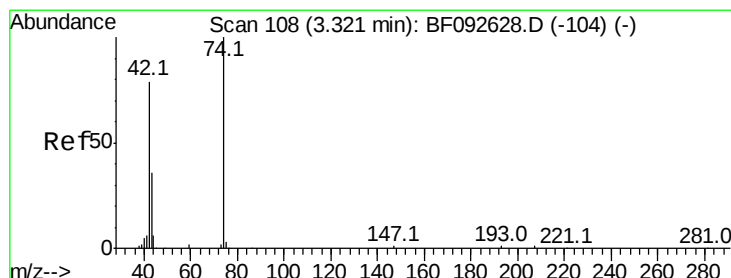
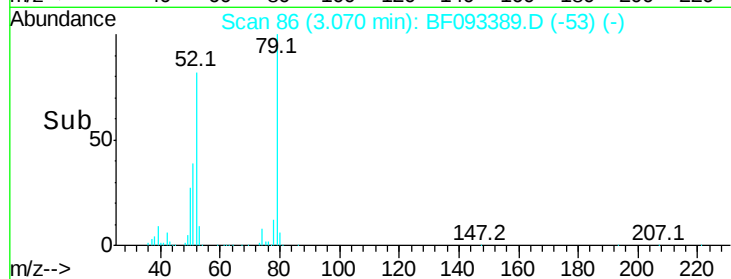
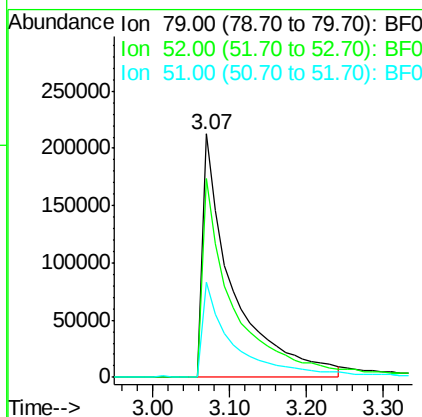
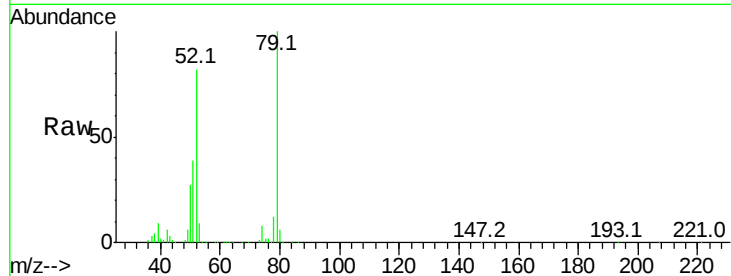
#3
Pvridine
Concen: 40.49 ng
RT: 3.07 min Scan# 86
Delta R.T. 0.08 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-002-ABCDMS

Tot Ion	Ratio	Lower	Upper
79	100		
52	81.9	57.1	85.7
51	39.3	27.3	40.9

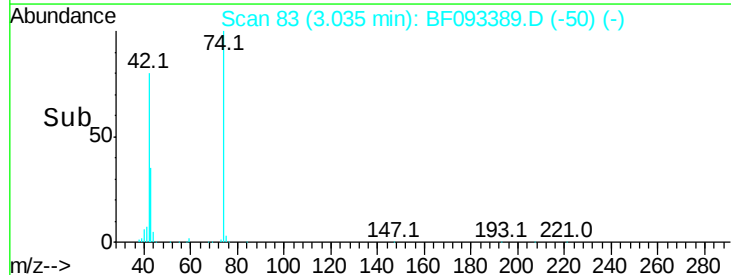
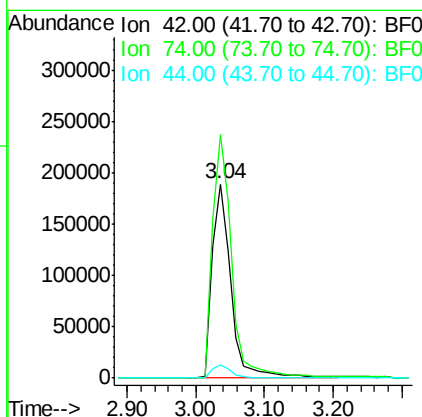
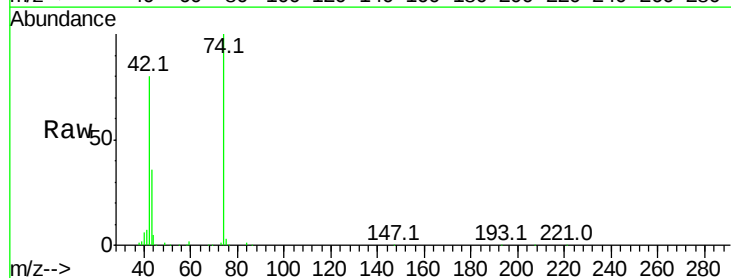
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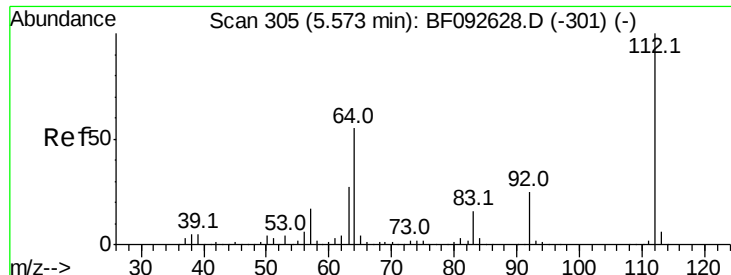
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#4
n-Nitrosodimethylamine
Concen: 55.19 ng
RT: 3.04 min Scan# 83
Delta R.T. 0.08 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Tgt Ion	Ratio	Lower	Upper
42	100		
74	125.5	117.0	175.4
44	6.6	5.5	8.3





#5

2-Fluorophenol

Concen: 150.25 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.02 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-002-ABCDMS

Tot Ion:112 Resp: 1559123

Ion Ratio Lower Upper

112 100

64 61.1 46.1 69.1

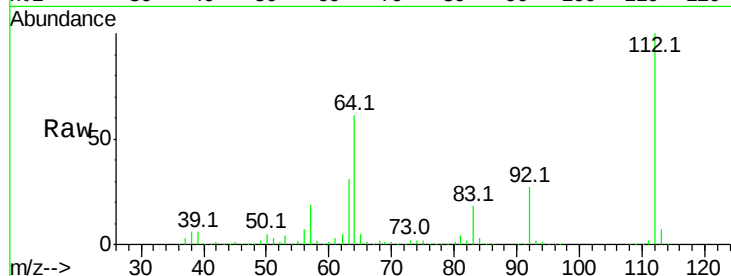
63 31.1 23.8 35.6

Manual Integrations

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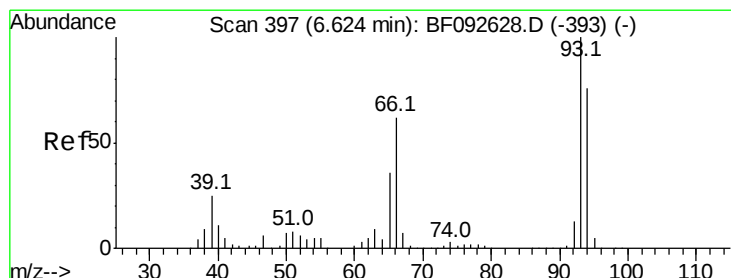
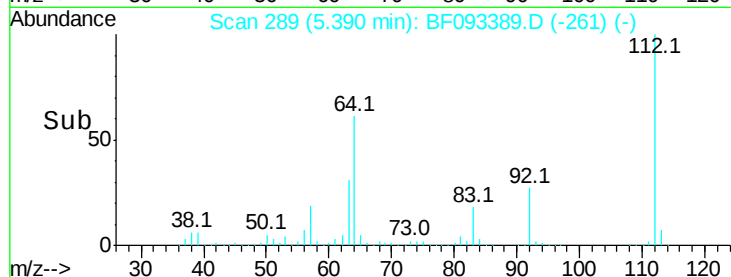
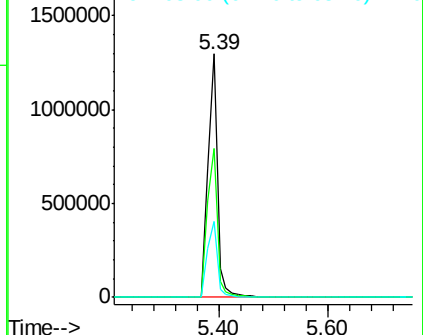
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.22 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

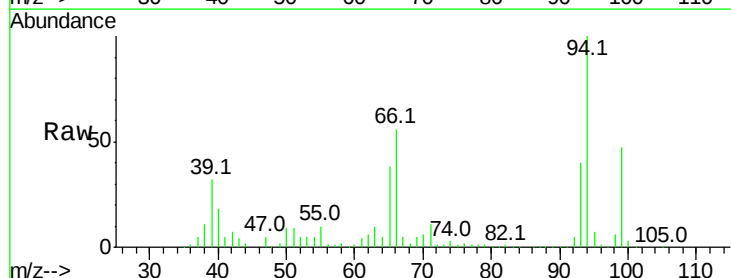
Tgt Ion: 93 Resp: 422982

Ion Ratio Lower Upper

93 100

66 140.0 76.2 114.2#

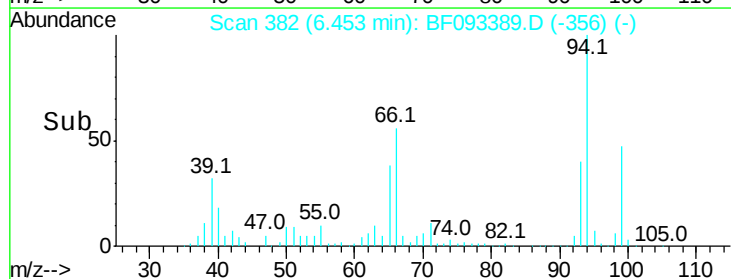
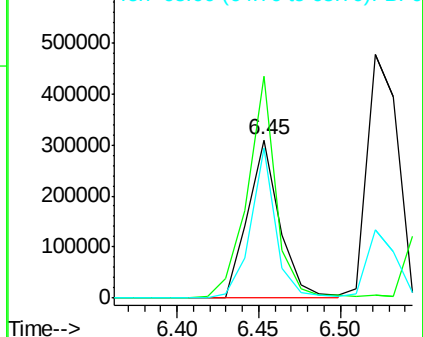
65 95.1 49.3 73.9#

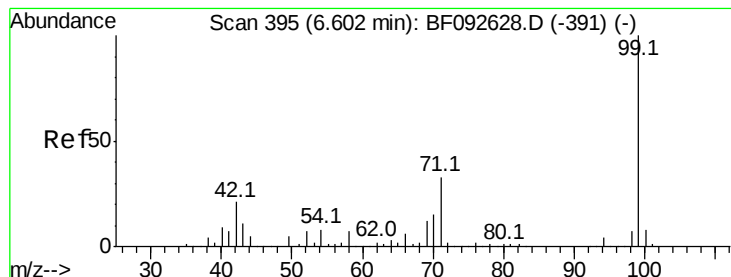


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 132.89 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF093389.D

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BNA_F

ClientSampleId :

FK-BPM-02-002-ABCDMS

Tot Ion: 99 Resp: 1774307

Ion Ratio Lower Upper

99 100

42 20.2 15.6 23.4

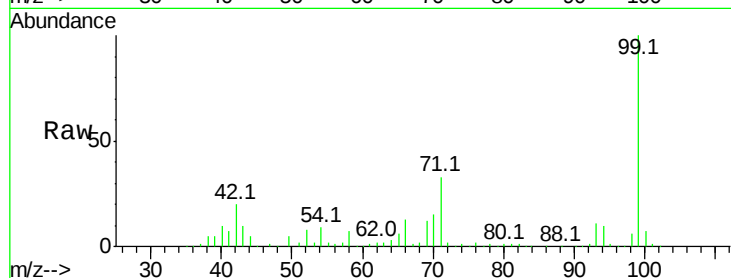
71 33.0 27.5 41.3

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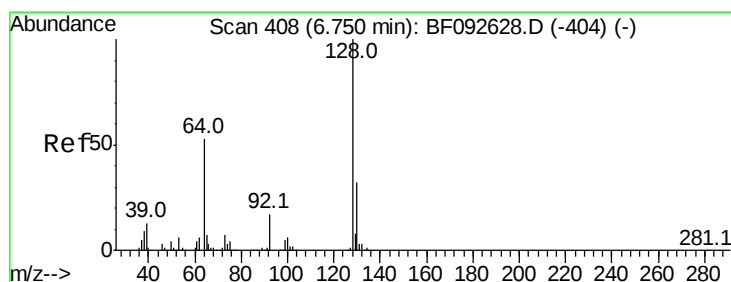
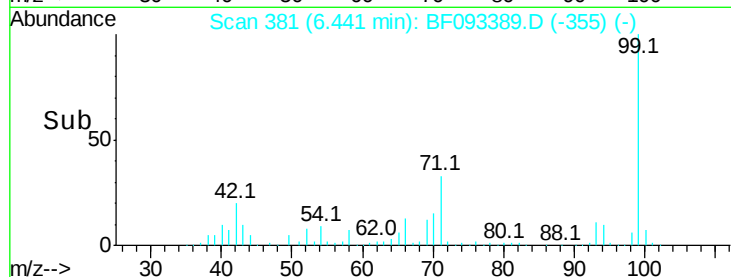
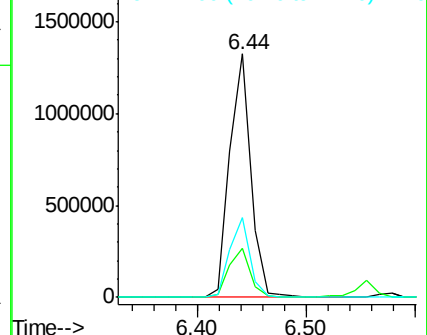
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 49.53 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.01 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

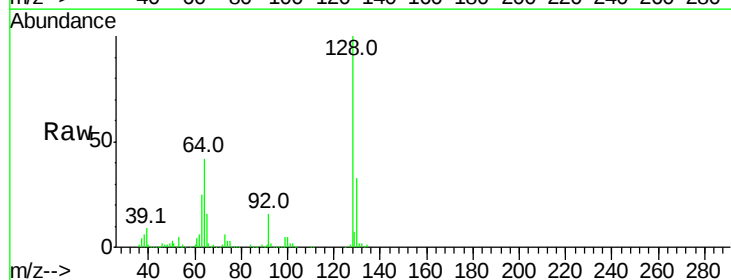
Tgt Ion:128 Resp: 566983

Ion Ratio Lower Upper

128 100

130 33.4 12.3 52.3

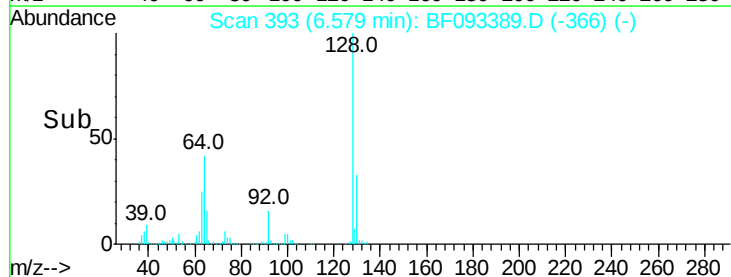
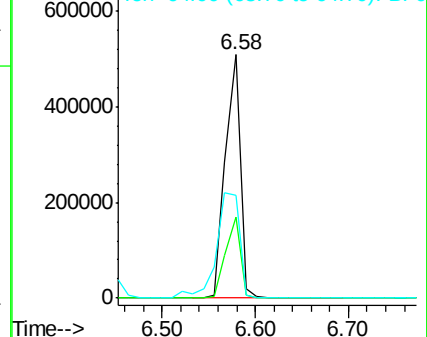
64 42.4 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 16.84 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.00 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

Instrument :

BNA_F

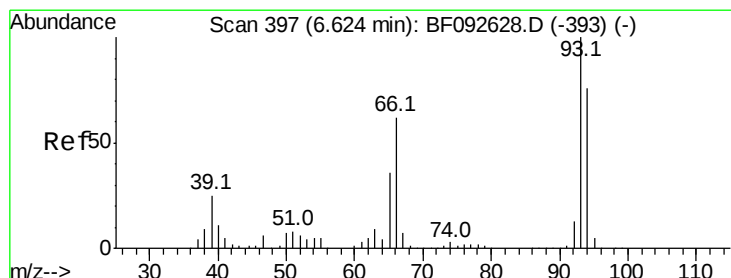
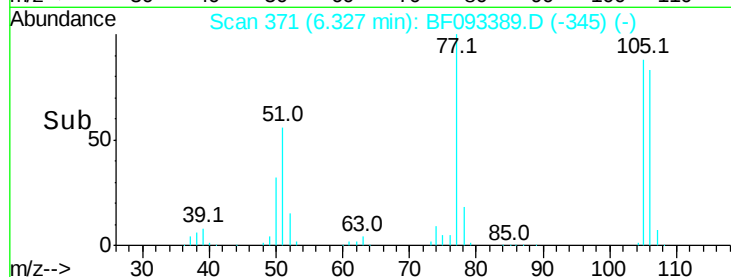
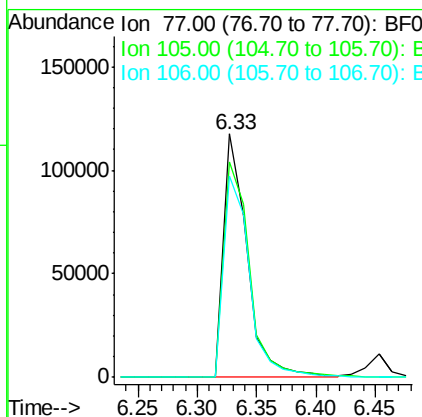
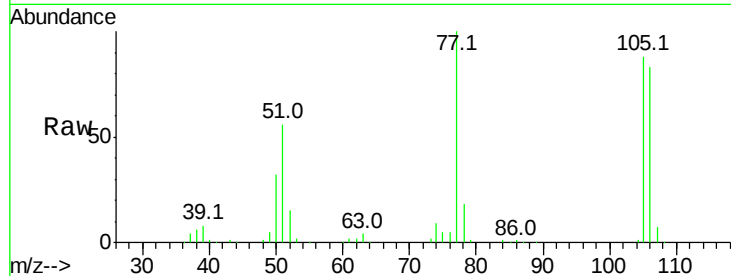
ClientSampleId :

FK-BPM-02-002-ABCDMS

Tot Ion:	77	Resp:	161066
Ion Ratio	Lower	Upper	
77	100		
105	88.5	83.9	123.9
106	82.7	77.6	117.6

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#10

Phenol

Concen: 49.76 ng

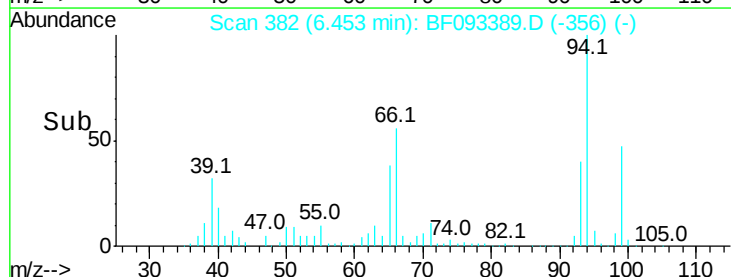
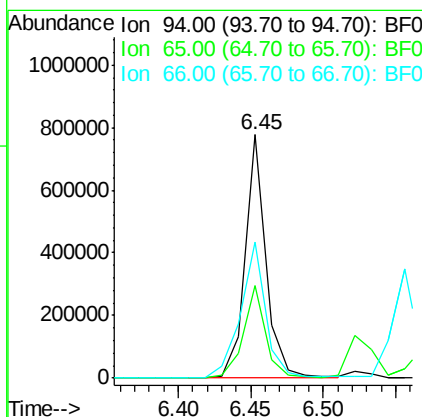
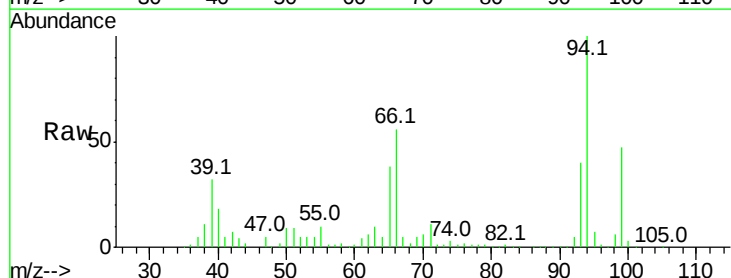
RT: 6.45 min Scan# 382

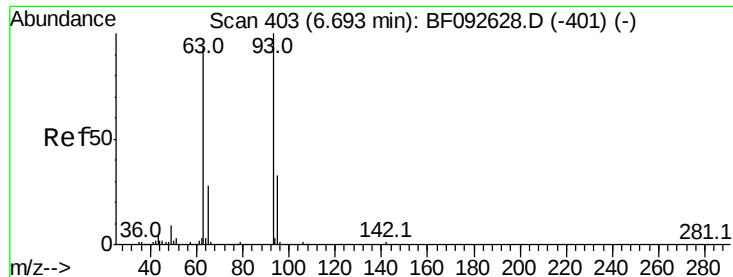
Delta R.T. -0.00 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

Tgt Ion:	94	Resp:	777255
Ion Ratio	Lower	Upper	
94	100		
65	37.9	21.4	61.4
66	55.7	44.0	84.0





#11

bis(2-Chloroethyl)ether

Concen: 49.67 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

Instrument :

BNA_F

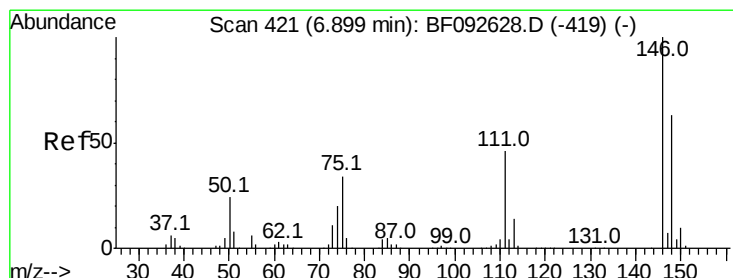
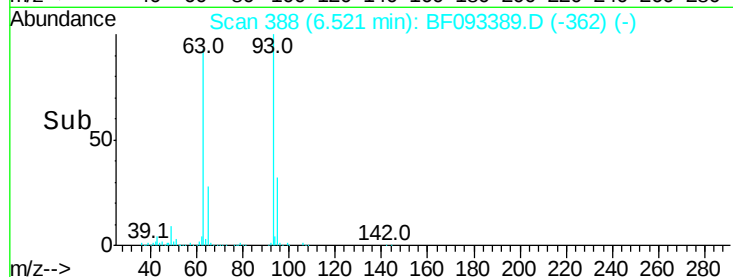
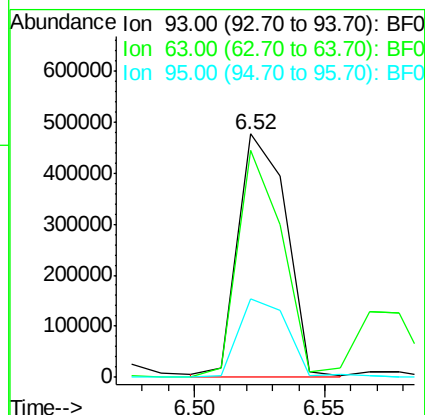
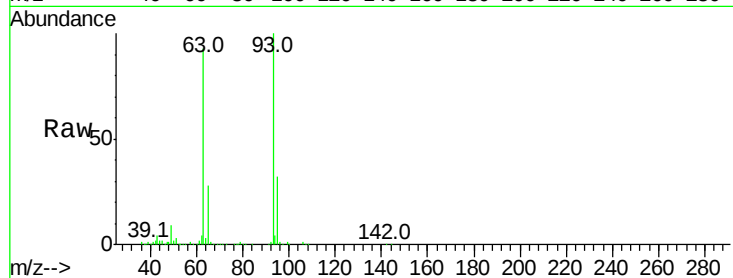
ClientSampleId :

FK-BPM-02-002-ABCDMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	93.0	60.4	100.4
95	32.0	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 47.99 ng

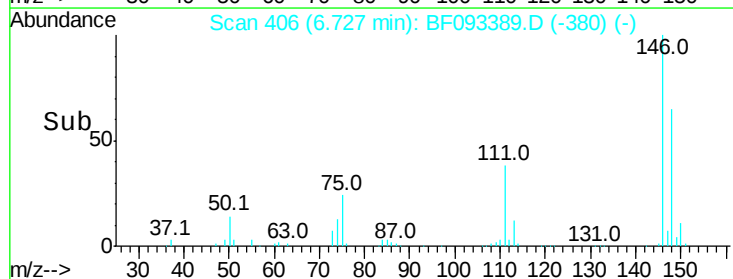
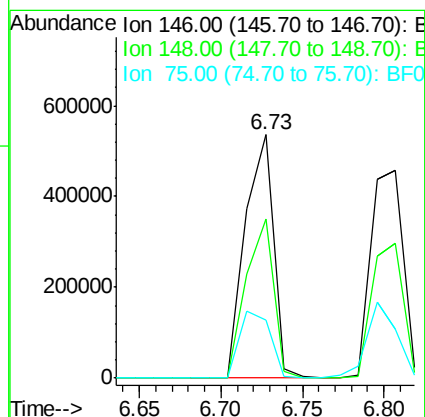
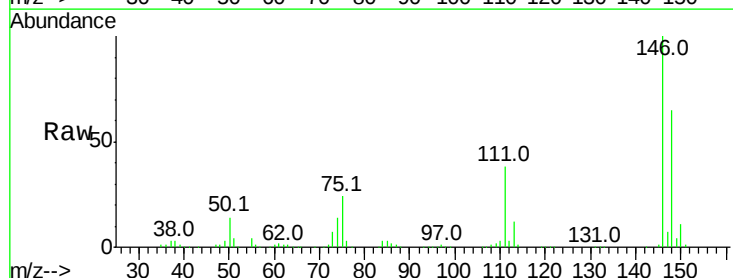
RT: 6.73 min Scan# 406

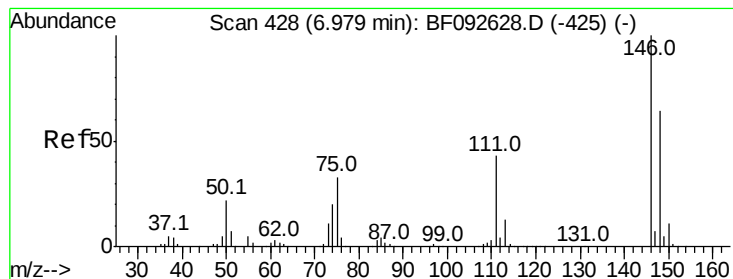
Delta R.T. -0.00 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	53.4	80.0
75	23.9	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 47.13 ng/mL

RT: 6.81 min Scan# 413

Delta R.T. -0.00 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

Instrument :

BNA_F

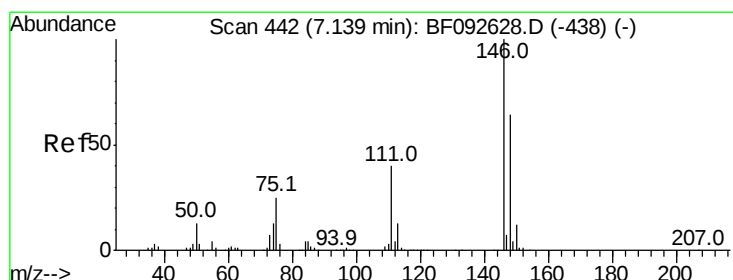
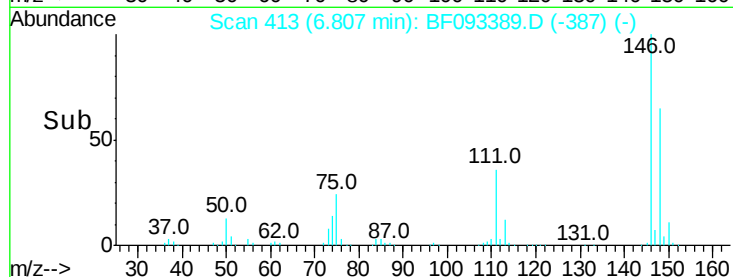
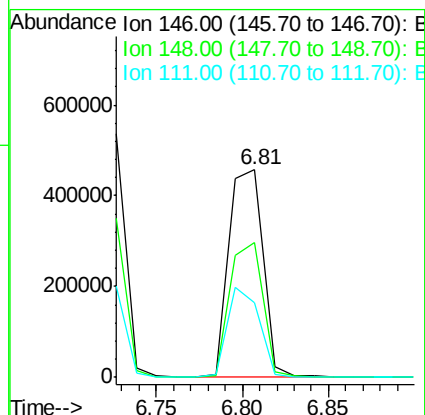
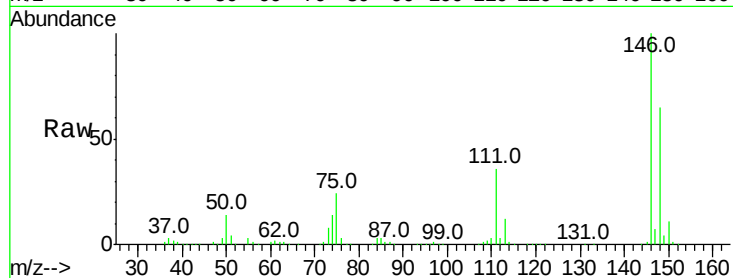
ClientSampleId :

FK-BPM-02-002-ABCDMS

Tot Ion:	146	Resp:	639622
Ion Ratio	Lower	Upper	
146	100		
148	65.3	50.6	76.0
111	36.1	36.2	54.4

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#14

1,2-Dichlorobenzene

Concen: 45.67 ng/mL

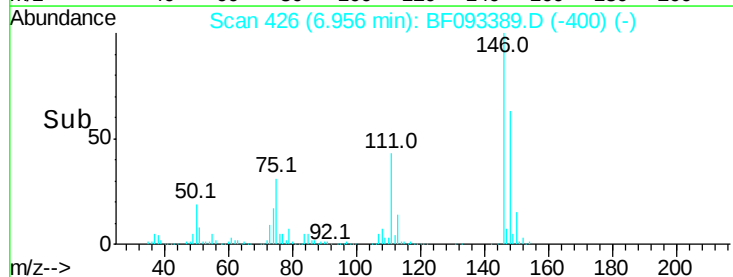
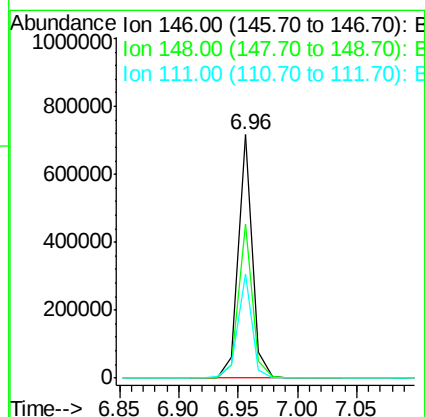
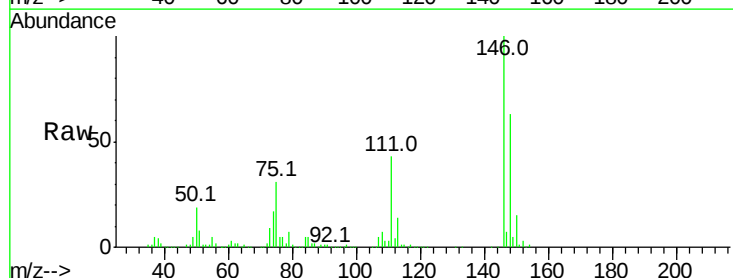
RT: 6.96 min Scan# 426

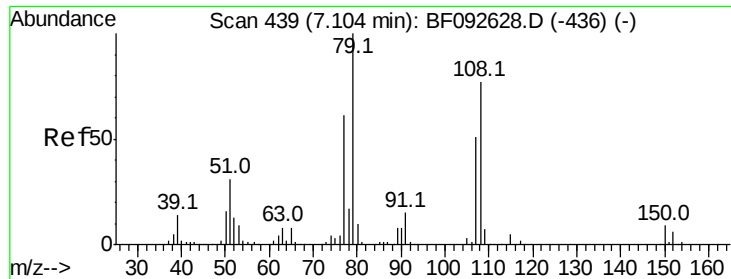
Delta R.T. -0.00 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

Tgt Ion:	146	Resp:	592628
Ion Ratio	Lower	Upper	
146	100		
148	63.2	52.2	78.2
111	42.8	36.2	54.2





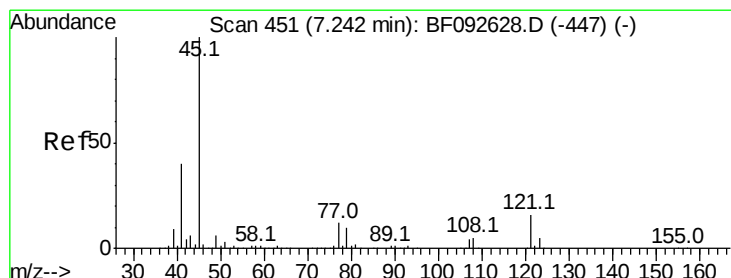
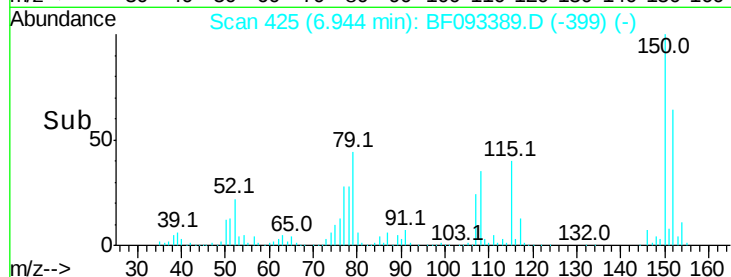
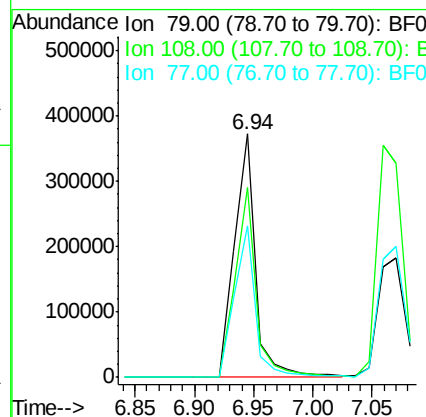
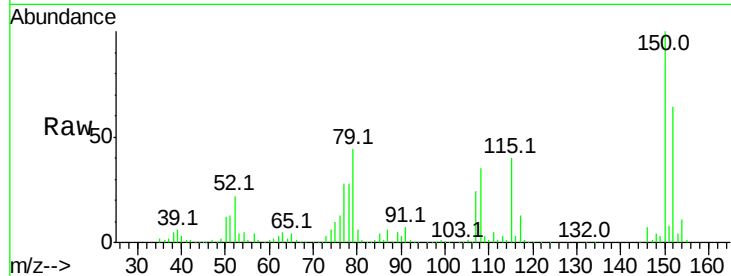
#15
Benzyl Alcohol
Concen: 46.46 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.00 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-002-ABCDMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.2	61.4	92.0
77	62.3	50.9	76.3

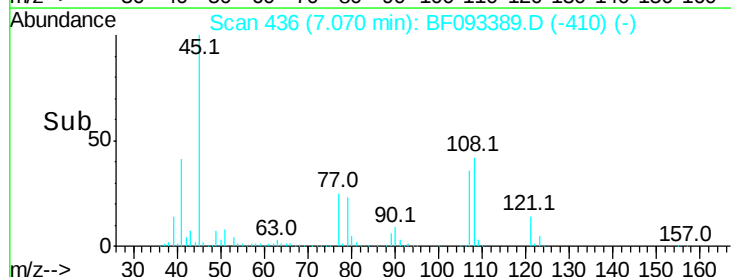
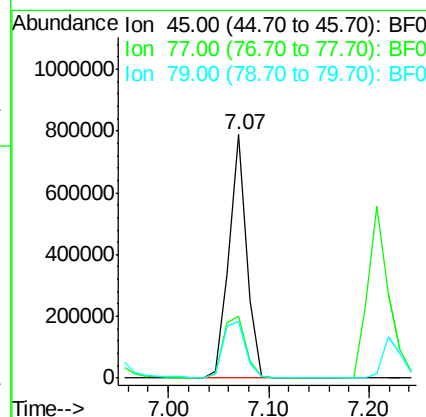
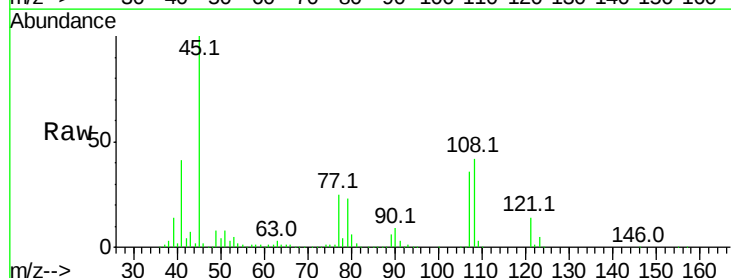
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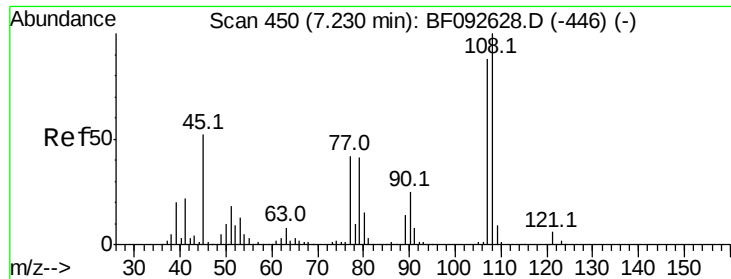
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.49 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Tgt Ion	Ratio	Lower	Upper
45	100		
77	25.3	0.0	34.6
79	23.3	0.0	31.2





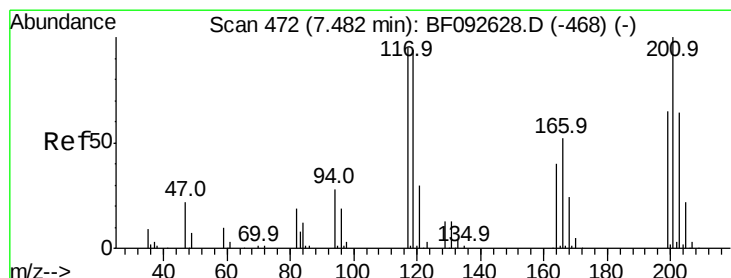
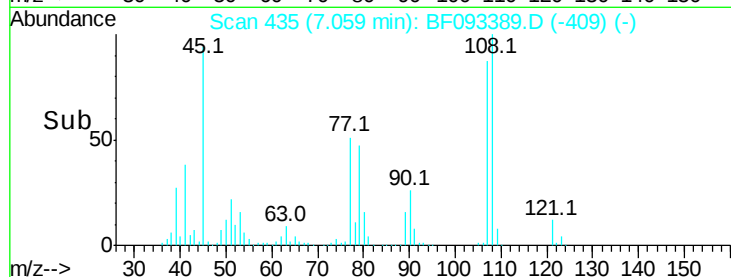
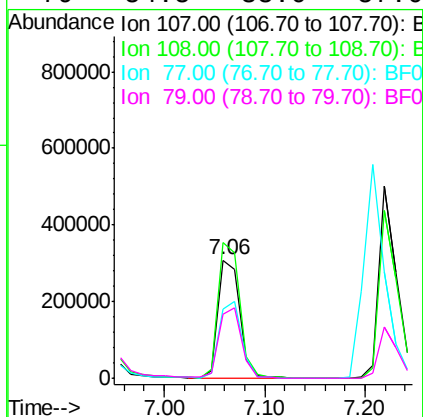
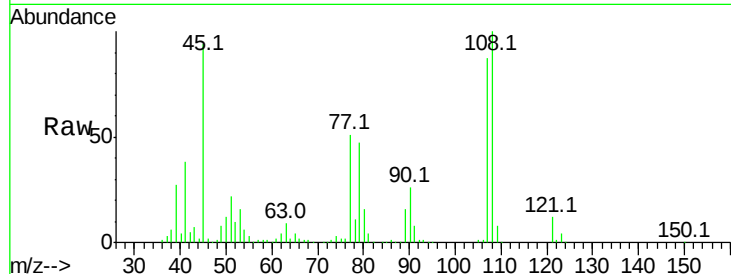
#17
2-Methylphenol
Concen: 47.40 ng
RT: 7.06 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-002-ABCDMS

Tot Ion:	107	Resp:	465504
Ion Ratio	Lower	Upper	
107	100		
108	115.0	93.0	139.6
77	58.8	39.8	59.8
79	54.5	38.0	57.0

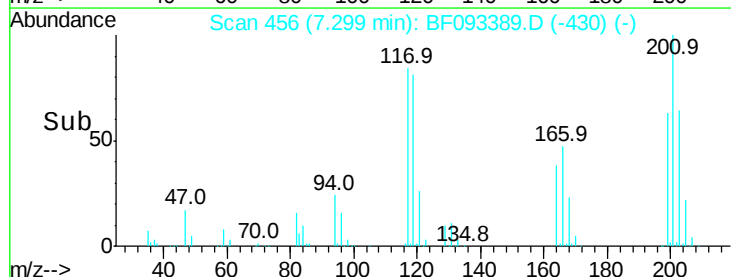
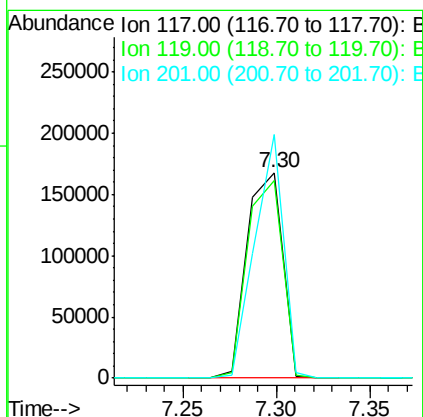
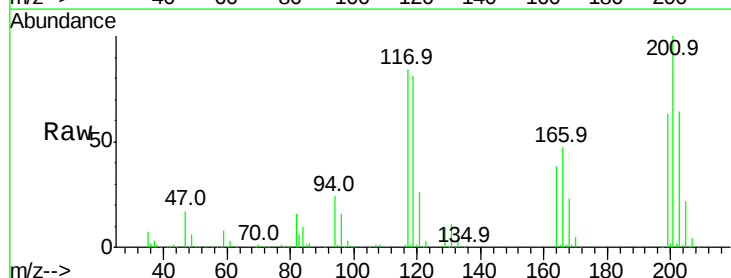
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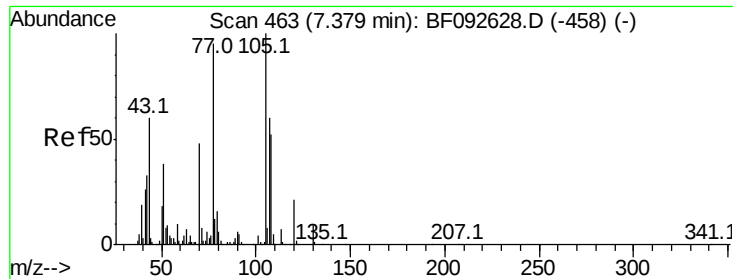
mohammad
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#18
Hexachloroethane
Concen: 47.77 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Tgt Ion:	117	Resp:	221321
Ion Ratio	Lower	Upper	
117	100		
119	96.2	78.1	117.1
201	118.6	78.6	117.8#





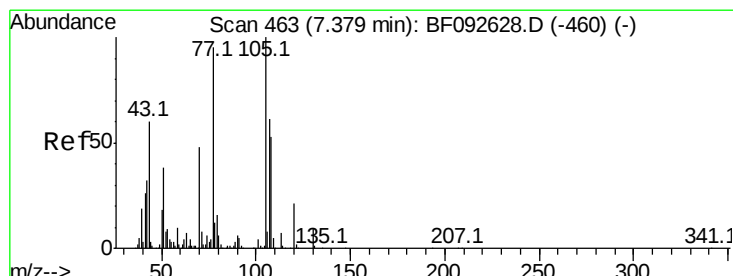
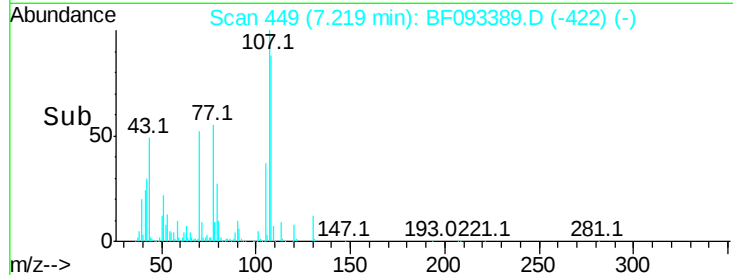
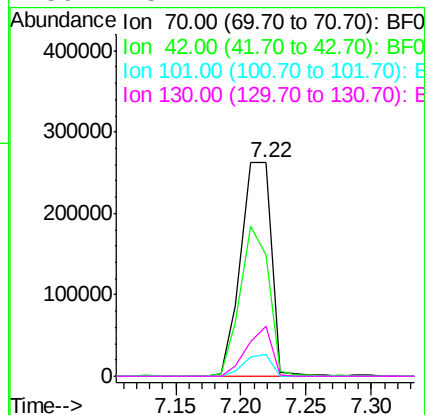
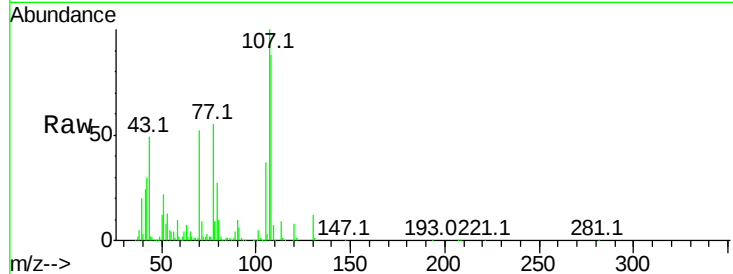
#19
n-Nitroso-di-n-propylamine
Concen: 50.51 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.01 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-002-ABCDMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.0	49.4	74.0
101	10.0	7.4	11.2
130	23.2	14.2	21.4

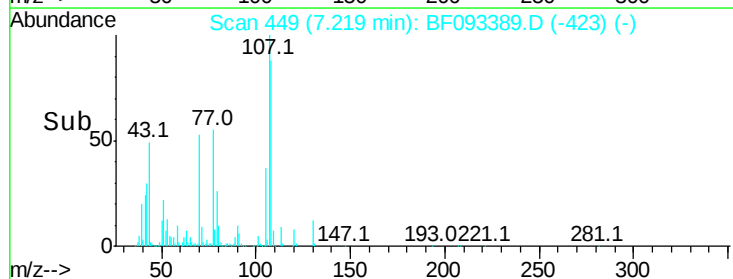
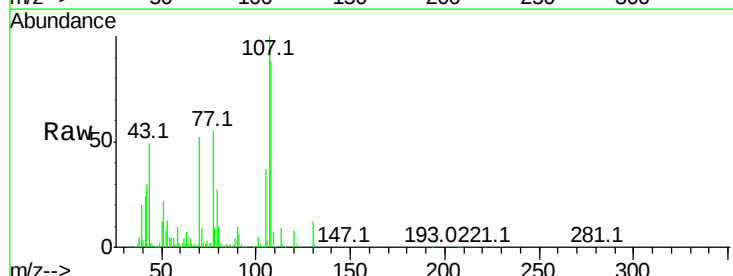
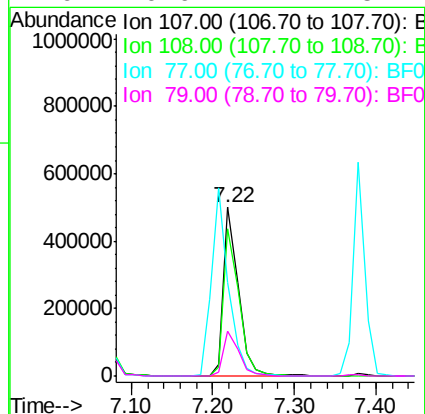
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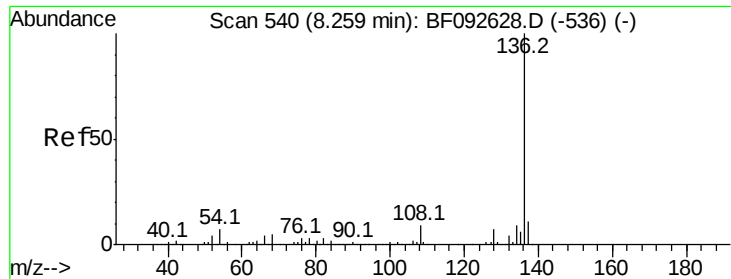
mohammad
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#20
3+4-Methylphenols
Concen: 53.51 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.6	73.0	113.0
77	55.3	71.3	111.3
79	26.6	11.1	51.1





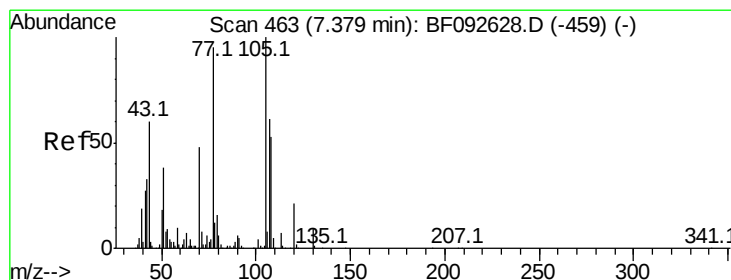
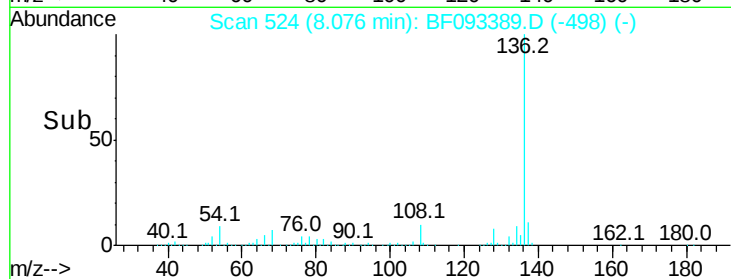
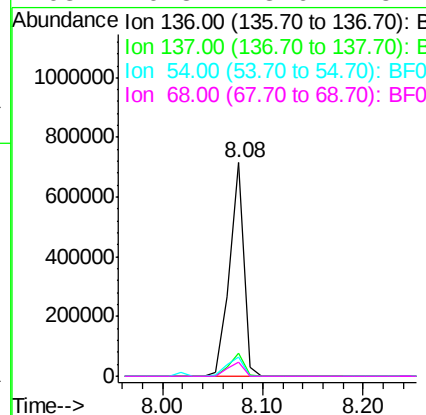
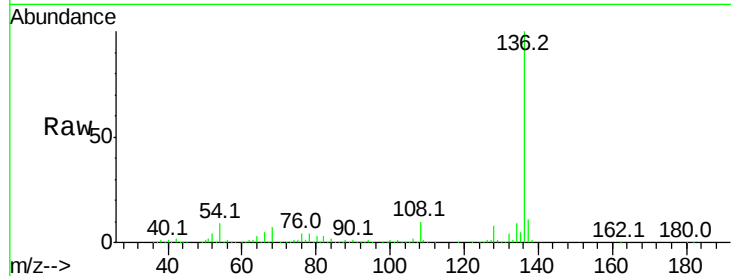
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-002-ABCDMS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.9	8.4	12.6
54	9.2	4.5	6.7#
68	6.8	3.6	5.4#

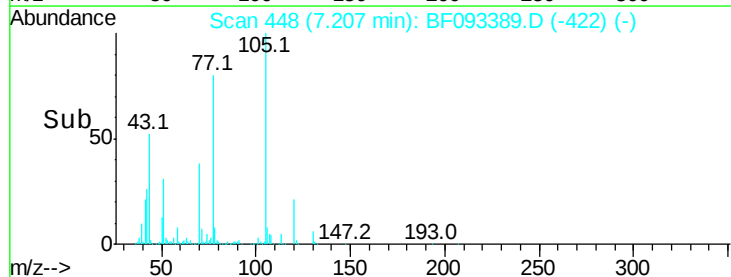
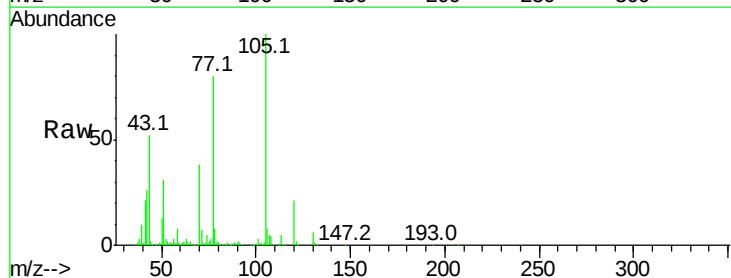
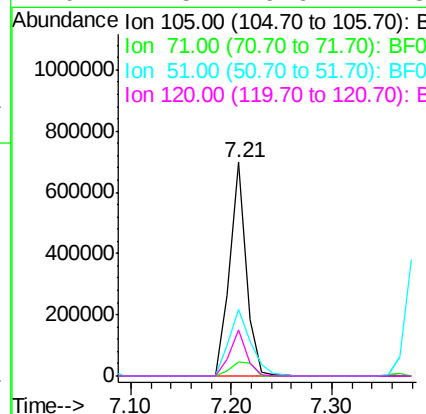
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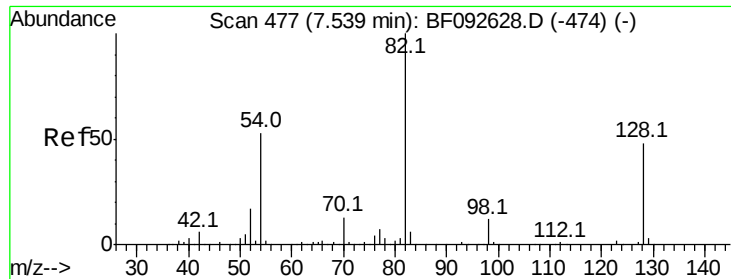
mohammad
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#22
Acetophenone
Concen: 49.99 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	6.6	3.2	4.8#
51	31.1	26.2	39.4
120	21.5	16.6	24.8





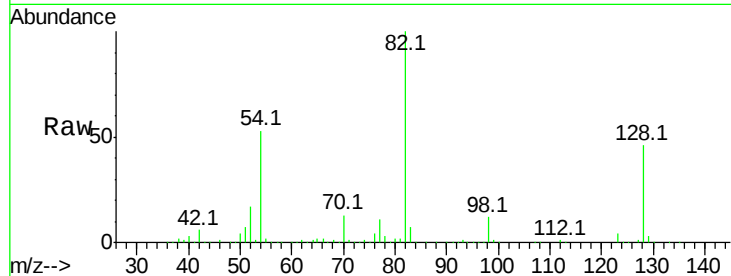
#23
 Nitrobenzene-d5
 Concen: 99.97 ng
 RT: 7.37 min Scan# 462
 Delta R.T. 0.01 min
 Lab File: BF093389.D
 Acq: 4 Mar 2017 7:05

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-002-ABCDMS

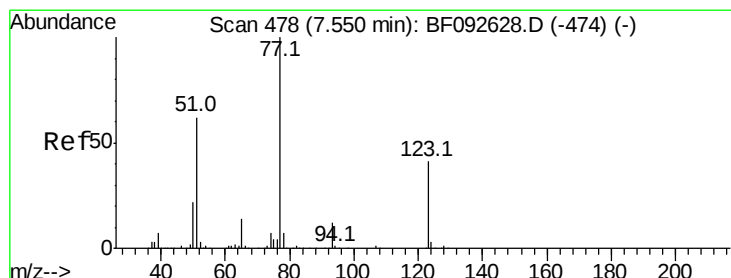
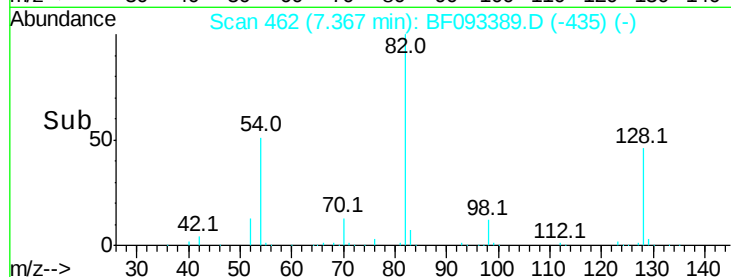
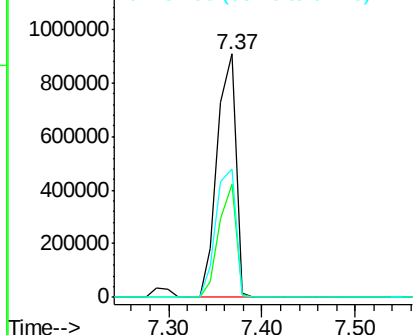
Tot Ion: 82 Resp: 1268488
 Ion Ratio Lower Upper
 82 100
 128 46.3 34.6 52.0
 54 52.9 39.5 59.3

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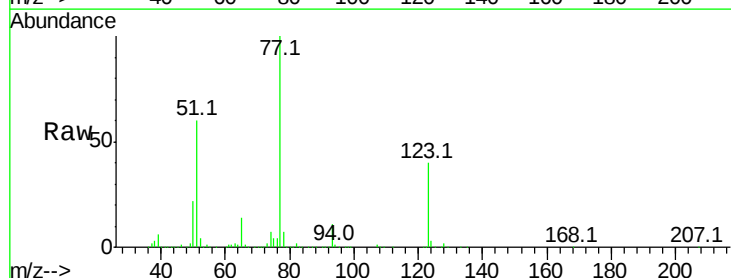


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

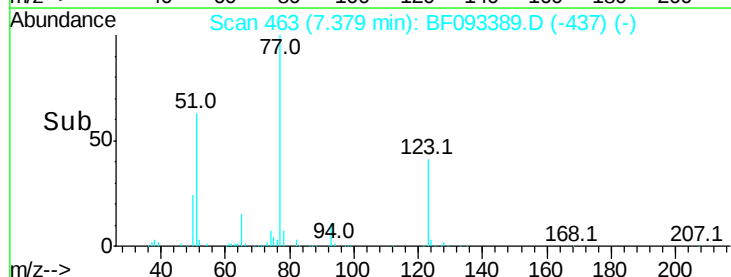
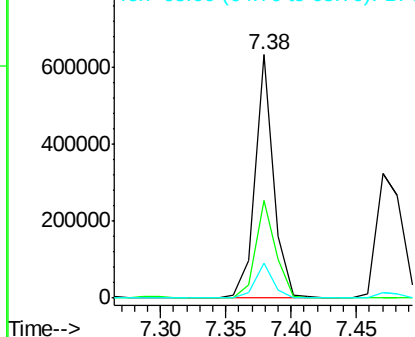


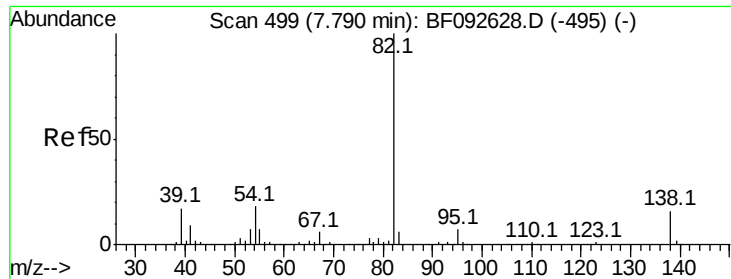
#24
 Nitrobenzene
 Concen: 47.81 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF093389.D
 Acq: 4 Mar 2017 7:05

Tgt Ion: 77 Resp: 622910
 Ion Ratio Lower Upper
 77 100
 123 40.3 33.0 49.4
 65 14.3 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 50.49 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.00 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-002-ABCDMS

Tot Ion: 82 Resp: 1193829

Ion Ratio Lower Upper

82 100

95 6.3 5.6 8.4

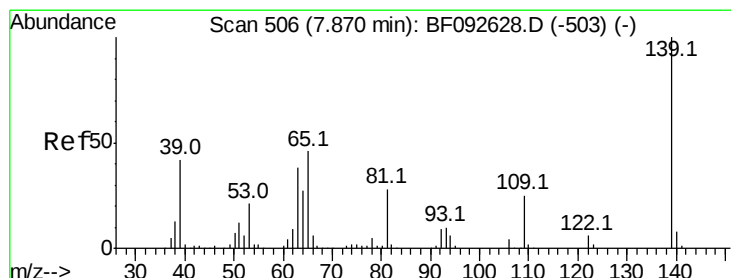
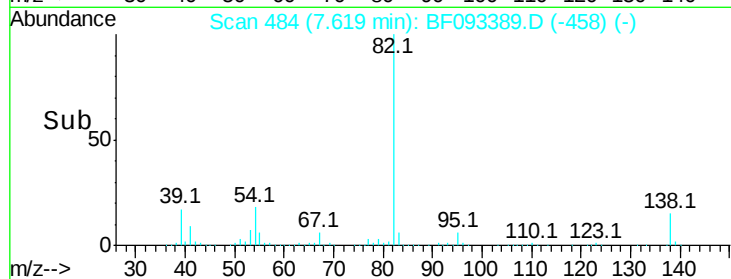
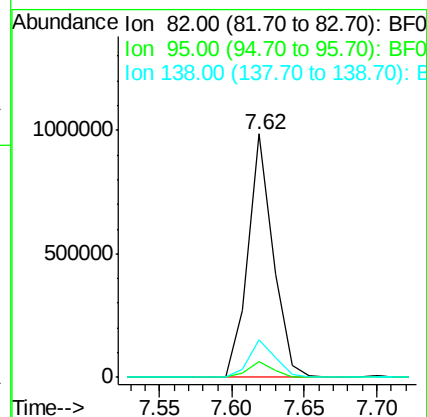
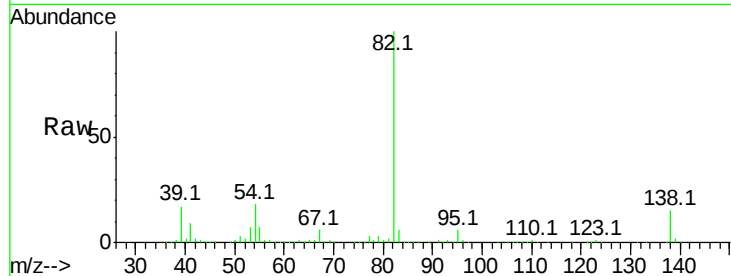
138 15.5 14.6 22.0

Manual Integrations

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#26

2-Nitrophenol

Concen: 54.04 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

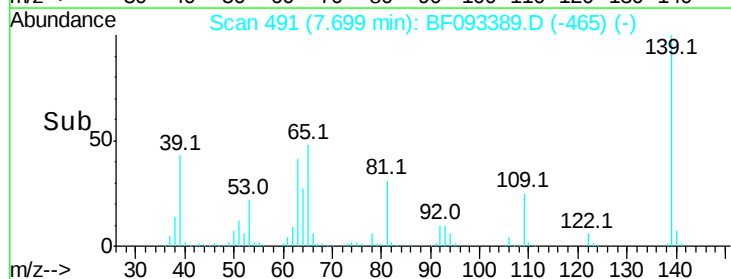
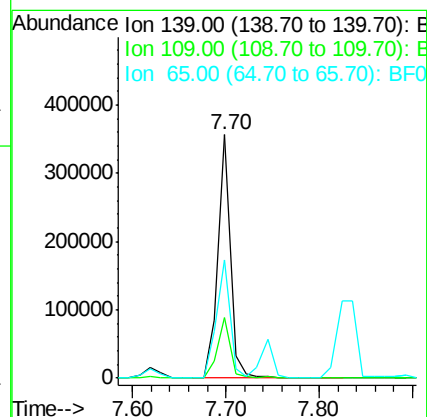
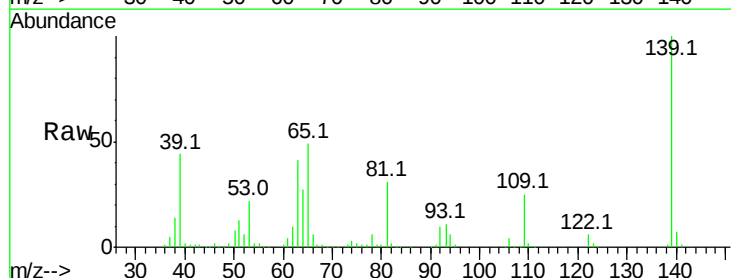
Tgt Ion: 139 Resp: 334664

Ion Ratio Lower Upper

139 100

109 25.0 23.3 34.9

65 48.8 42.7 64.1





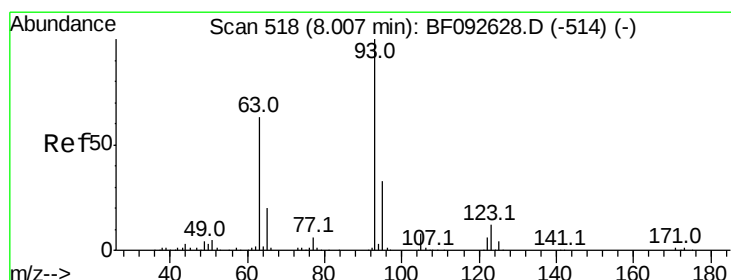
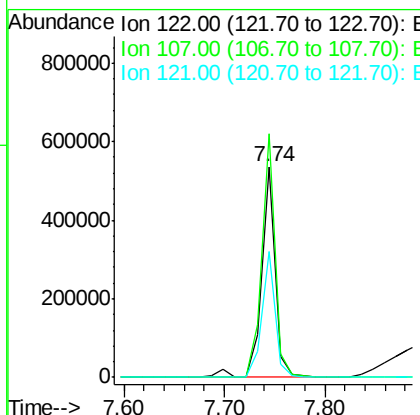
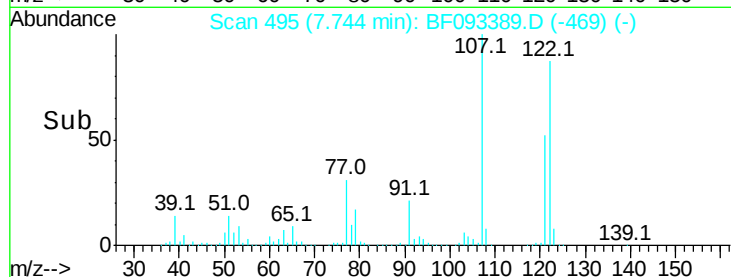
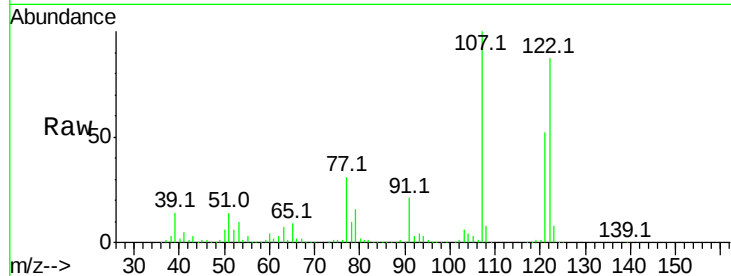
#27
2,4-Dimethylphenol
Concen: 47.22 ng
RT: 7.74 min Scan# 495
Delta R.T. -0.00 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-002-ABCDMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	513611		
107	115.4	94.1	141.1	
121	59.6	46.0	69.0	

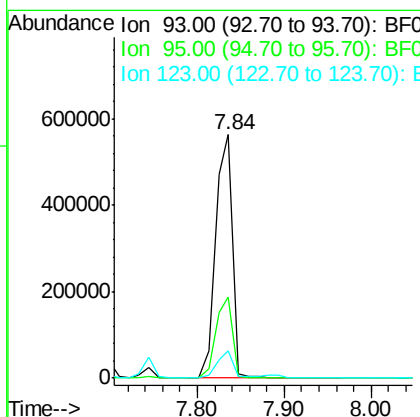
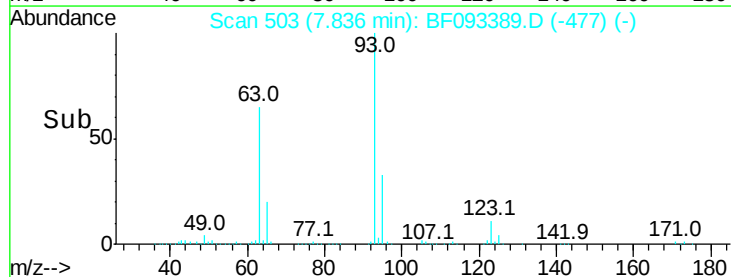
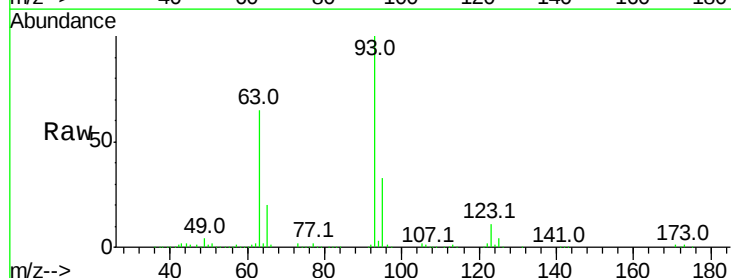
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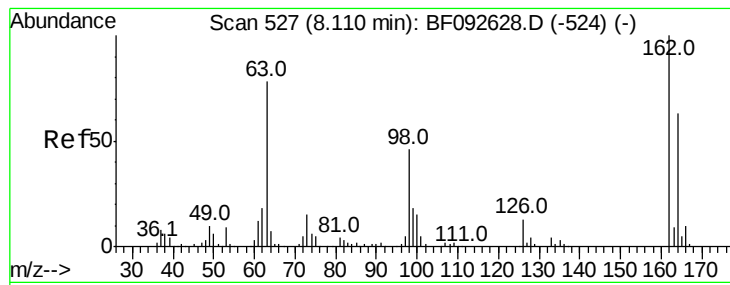
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 49.16 ng
RT: 7.84 min Scan# 503
Delta R.T. -0.00 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	769723		
95	33.1	26.5	39.7	
123	11.3	8.6	13.0	





#29

2,4-Dichlorophenol

Concen: 47.37 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

Instrument :

BNA_F

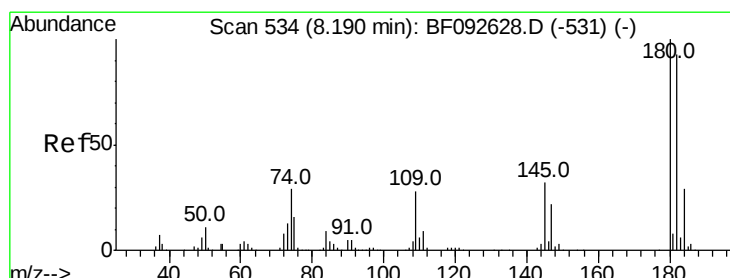
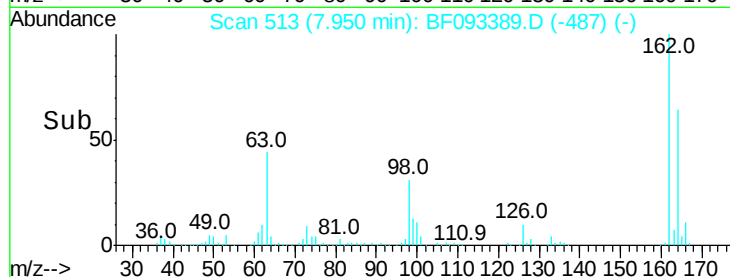
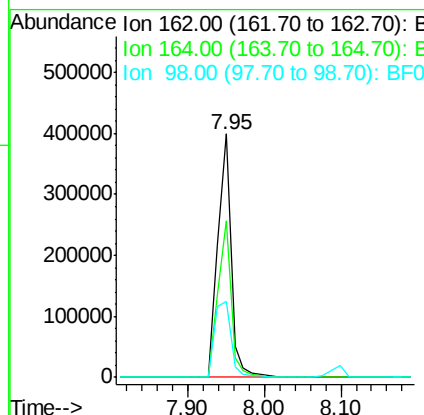
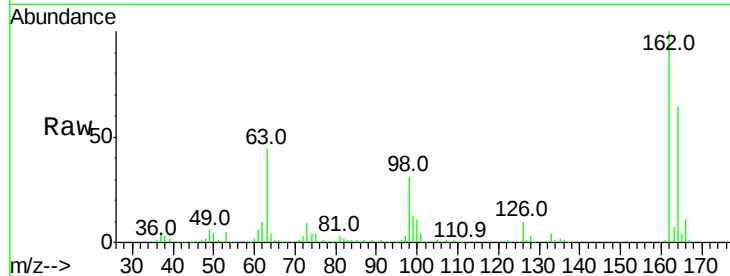
ClientSampleId :

FK-BPM-02-002-ABCDMS

Tot Ion:	162	Resp:	480481
Ion Ratio	Lower	Upper	
162	100		
164	64.3	46.8	86.8
98	31.1	9.1	49.1

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#30

1,2,4-Trichlorobenzene

Concen: 46.19 ng

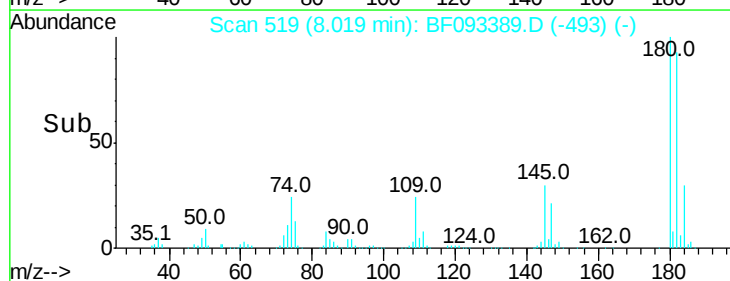
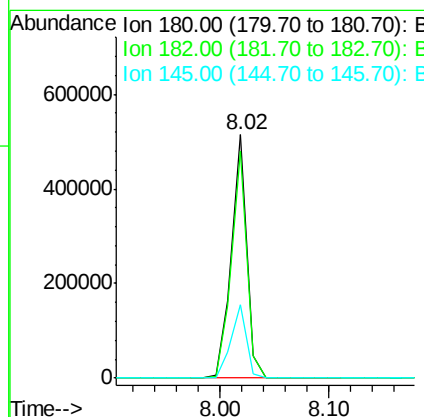
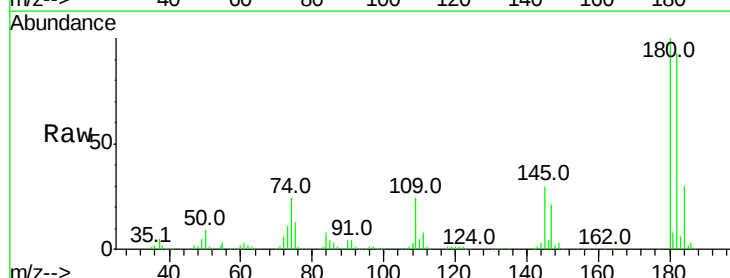
RT: 8.02 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

Tgt Ion:	180	Resp:	504936
Ion Ratio	Lower	Upper	
180	100		
182	93.2	78.2	117.4
145	30.3	21.6	32.4





#31

Naphthalene

Concen: 45.64 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-002-ABCDMS

Tot Ion:128 Resp: 1634762

Ion Ratio Lower Upper

128 100

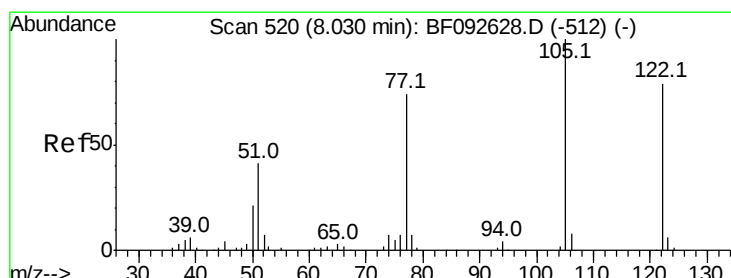
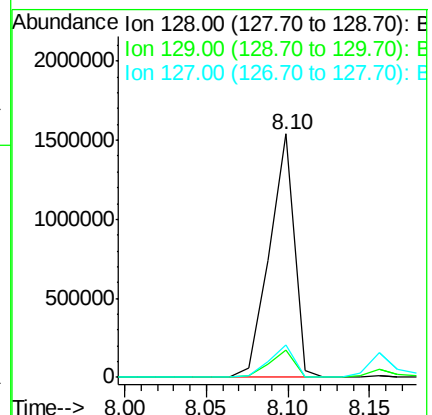
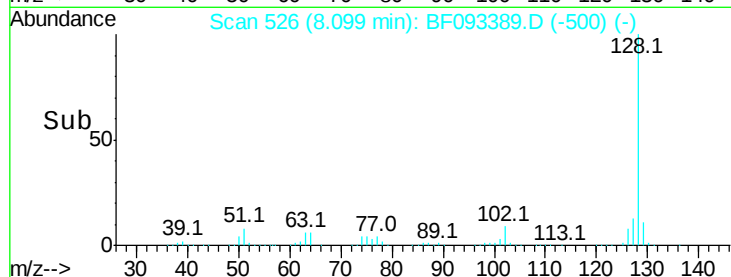
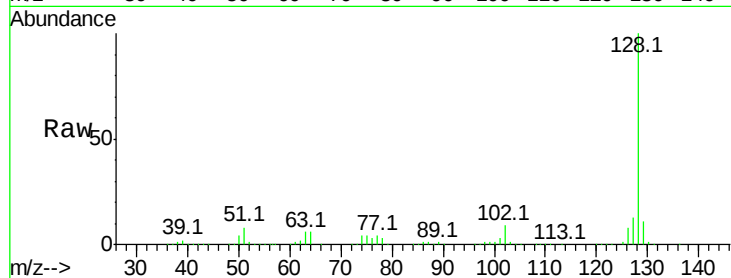
129 11.2 9.5 14.3

127 13.3 10.8 16.2

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3/6/2017 4:23:51 PM



#32

Benzoic acid

Concen: 35.01 ng

RT: 7.89 min Scan# 508

Delta R.T. 0.01 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

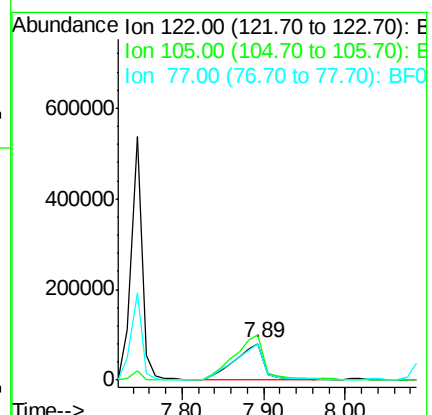
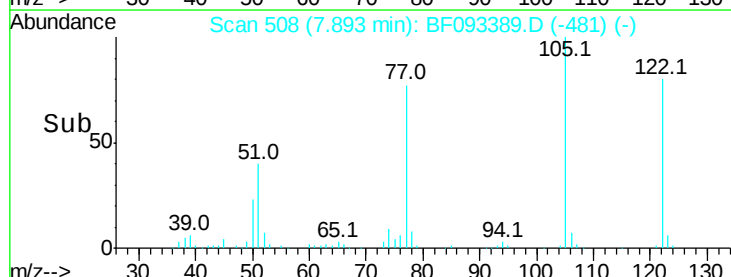
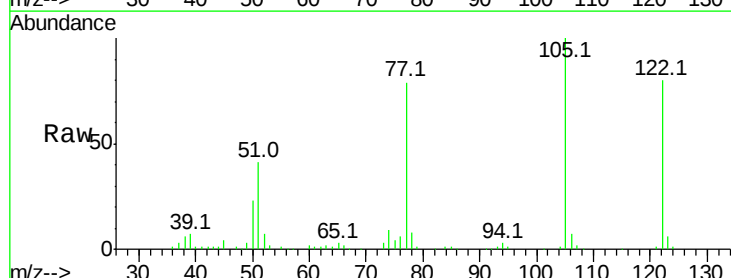
Tgt Ion:122 Resp: 201727

Ion Ratio Lower Upper

122 100

105 124.8 107.2 147.2

77 98.3 74.5 114.5





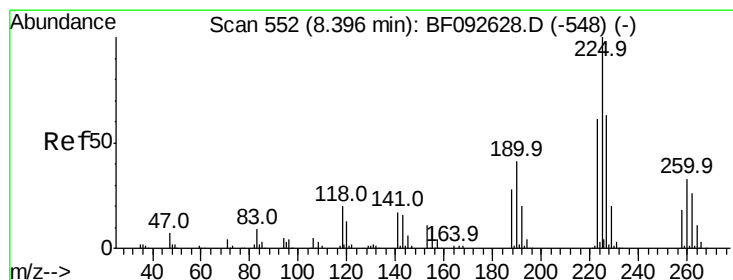
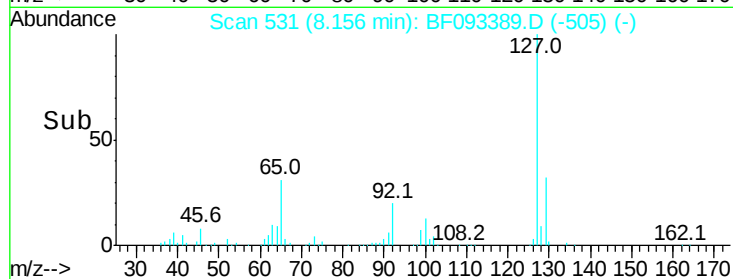
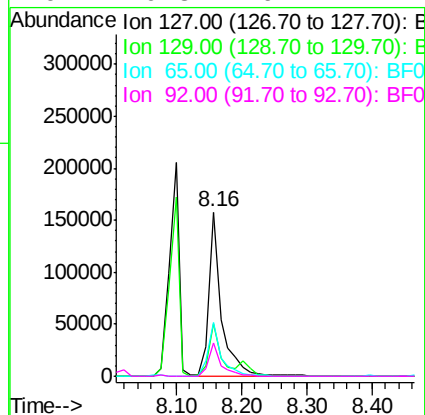
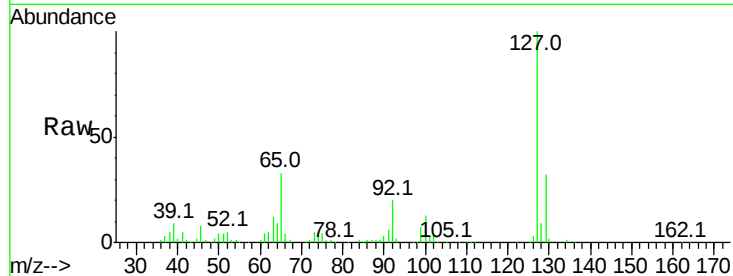
#33
4-Chloroaniline
Concen: 15.22 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-002-ABCDMS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.2	26.3	39.5	
65	33.0	25.8	38.8	
92	20.3	16.1	24.1	

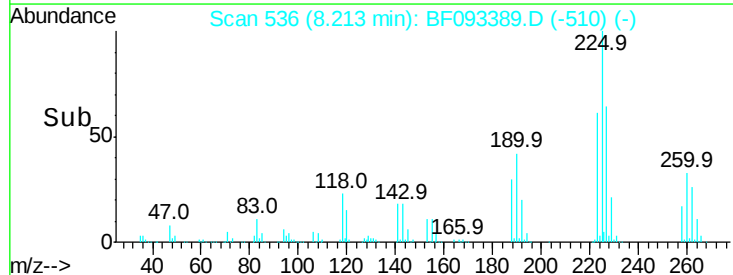
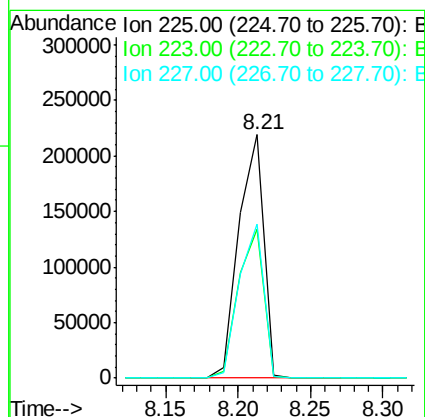
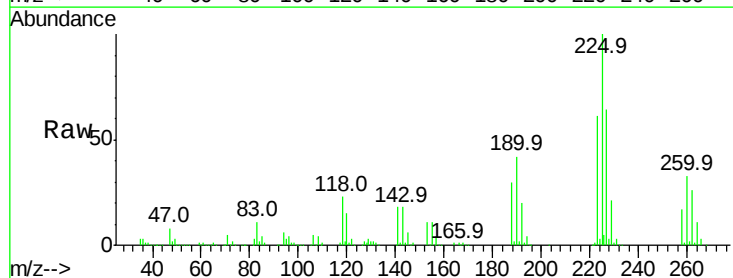
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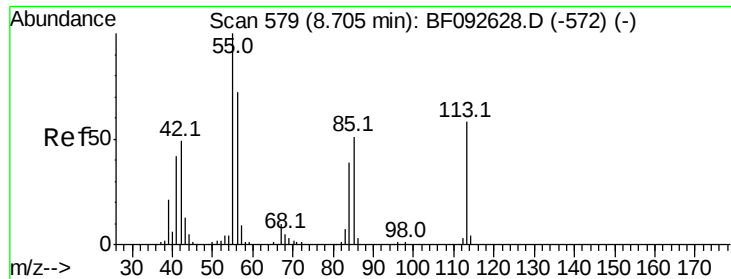
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#34
Hexachlorobutadiene
Concen: 43.42 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.3	51.0	76.6	
227	63.5	50.6	76.0	





#35

Caprolactam

Concen: 49.98 ng

RT: 8.53 min Scan# 564

Delta R.T. -0.00 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

Instrument :

BNA_F

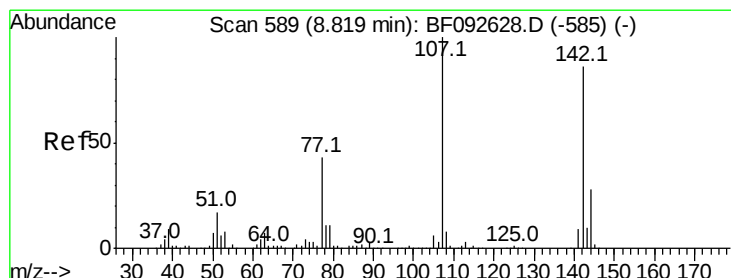
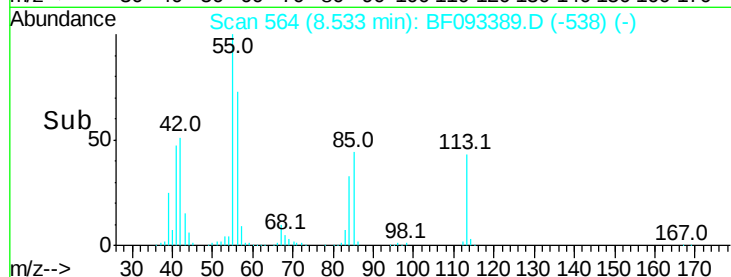
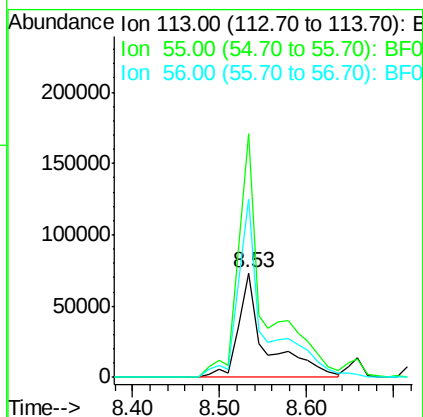
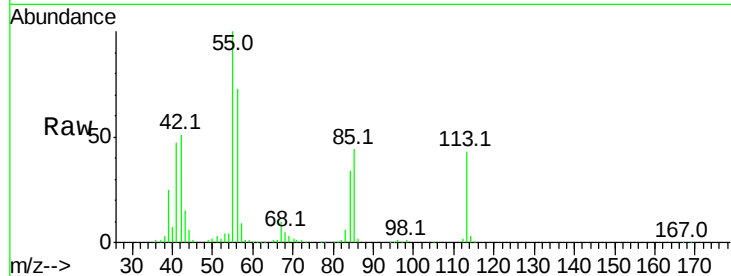
ClientSampleId :

FK-BPM-02-002-ABCDMS

Tot Ion:113 Resp: 159462
 Ion Ratio Lower Upper
 113 100
 55 233.0 119.2 159.2#
 56 170.6 83.8 123.8#

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#36

4-Chloro-3-methylphenol

Concen: 50.78 ng

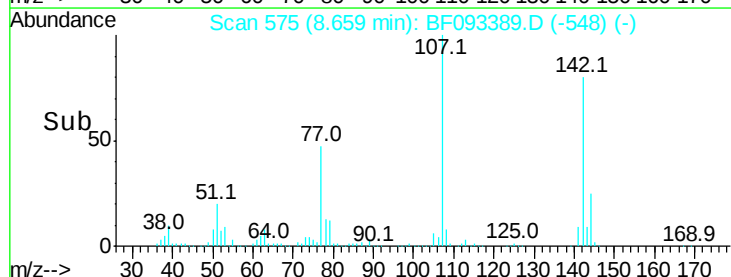
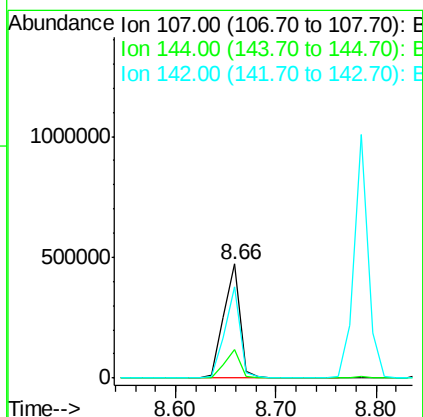
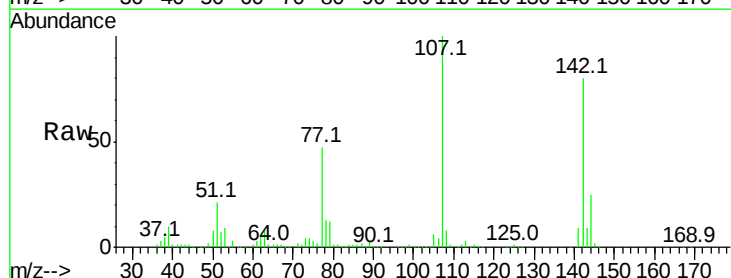
RT: 8.66 min Scan# 575

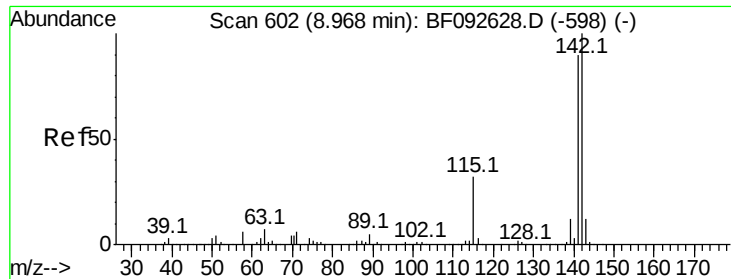
Delta R.T. 0.01 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

Tgt Ion:107 Resp: 537018
 Ion Ratio Lower Upper
 107 100
 144 25.5 19.3 28.9
 142 80.2 59.0 88.6





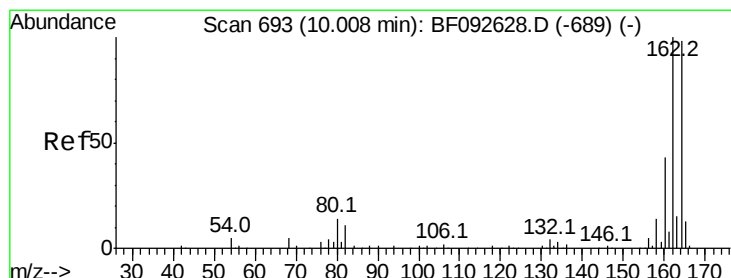
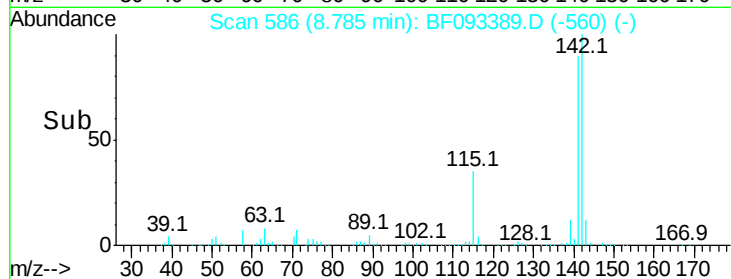
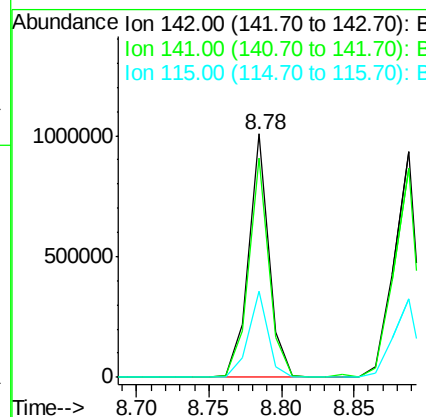
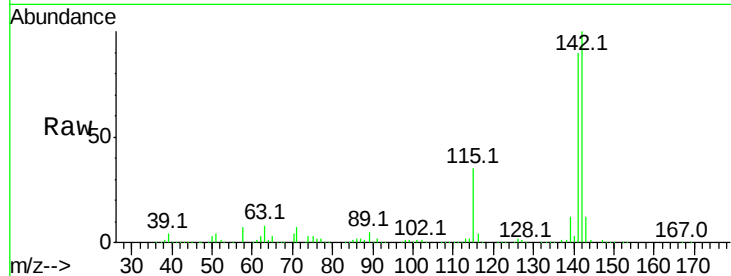
#37
2-Methylnaphthalene
Concen: 42.59 ng
RT: 8.78 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-002-ABCDMS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	979580		
141	90.3	71.0	106.6	
115	35.4	28.3	42.5	

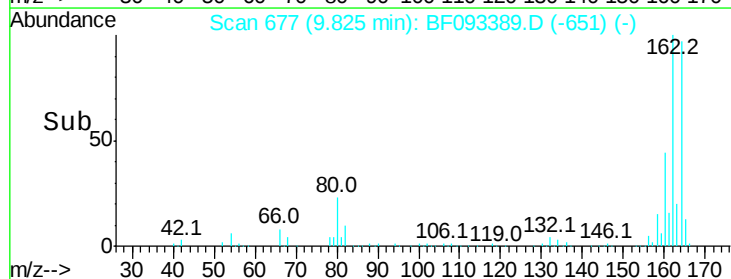
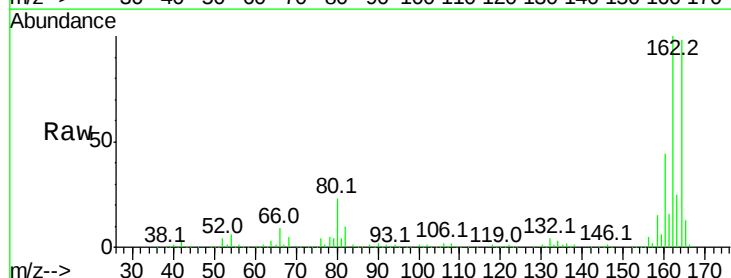
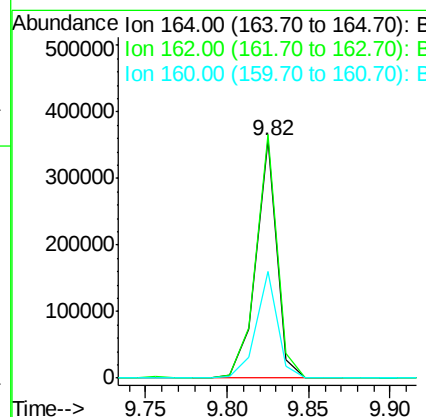
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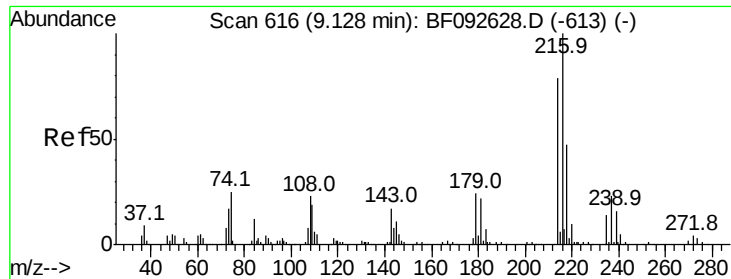
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	318713		
162	102.2	80.2	120.2	
160	44.7	36.9	55.3	





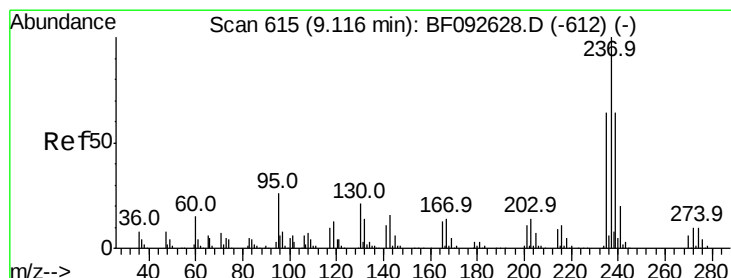
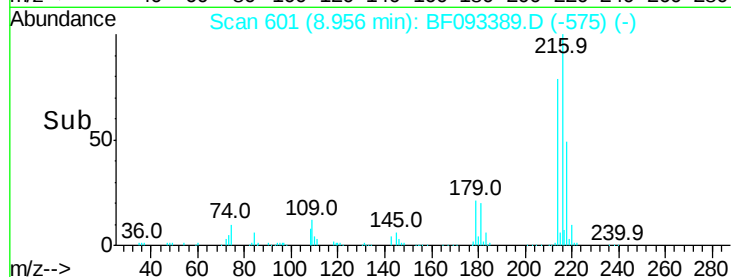
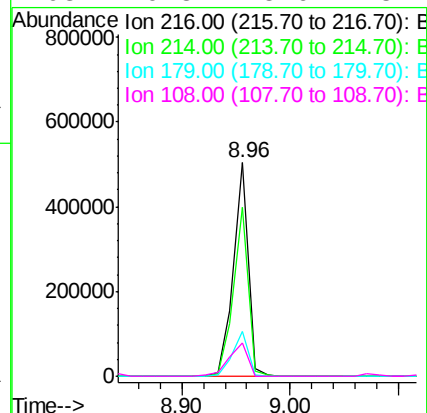
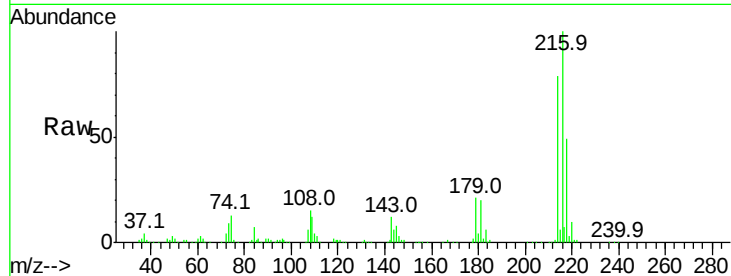
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 52.77 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.00 min
 Lab File: BF093389.D
 Acq: 4 Mar 2017 7:05

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-002-ABCDMS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	472088		
214	79.4	63.4	95.0	
179	21.8	17.4	26.2	
108	19.8	15.6	23.4	

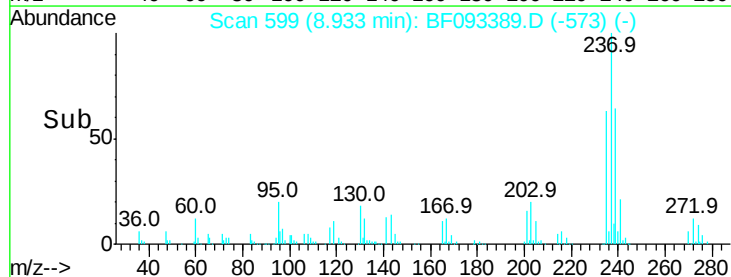
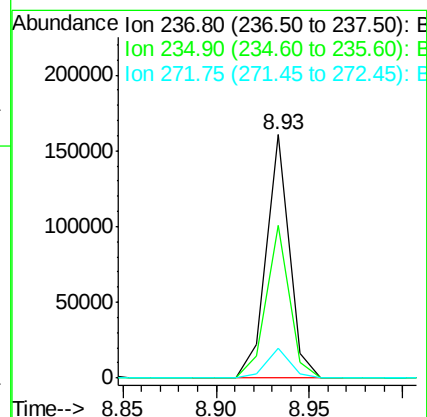
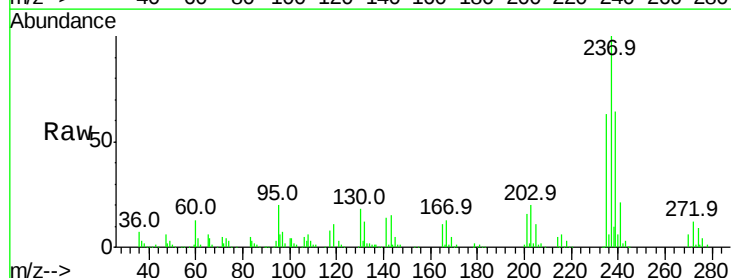
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#40
 Hexachlorocyclopentadiene
 Concen: 34.08 ng
 RT: 8.93 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: BF093389.D
 Acq: 4 Mar 2017 7:05

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	137580		
235	62.9	41.2	81.2	
272	12.1	0.0	35.4	





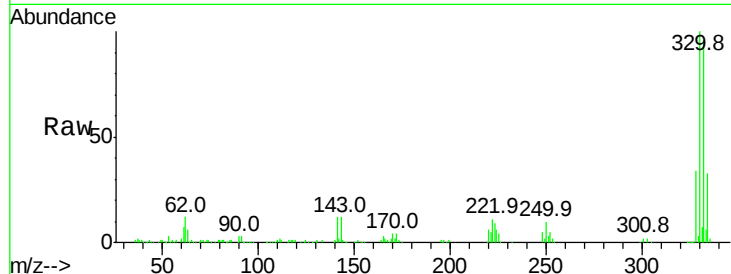
#41
 2,4,6-Tribromophenol
 Concen: 136.79 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.01 min
 Lab File: BF093389.D
 Acq: 4 Mar 2017 7:05

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-002-ABCDMS

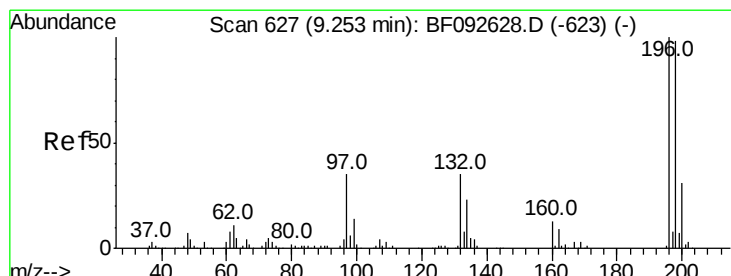
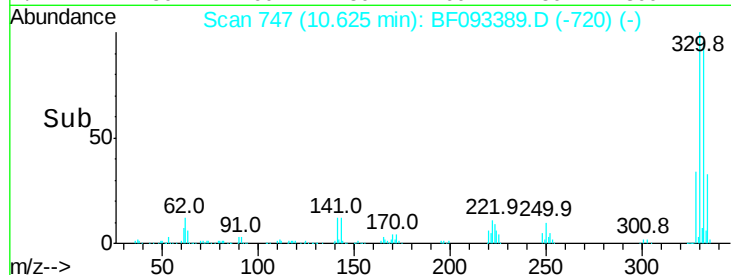
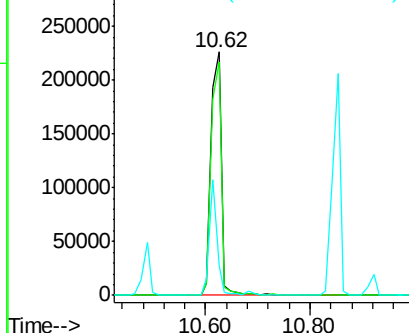
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	93.8	77.4	116.2	
141	34.3	34.1	51.1	

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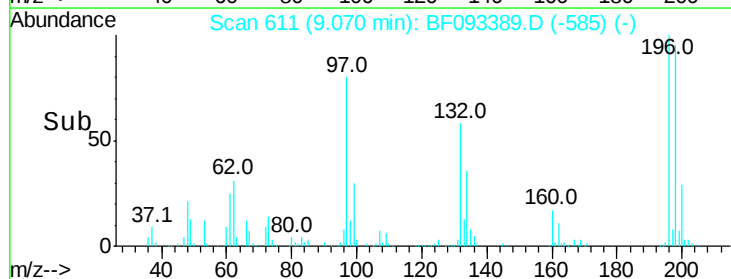
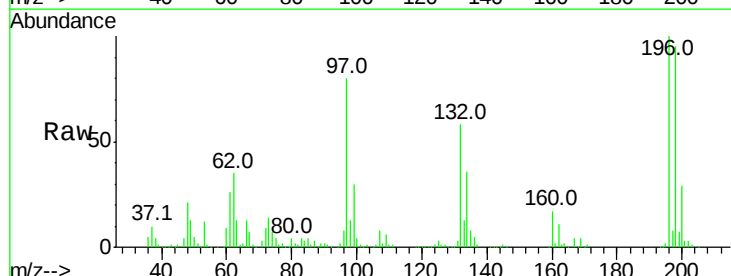
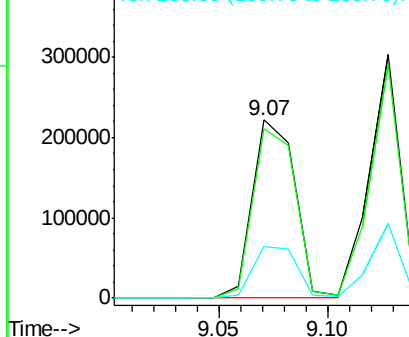
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

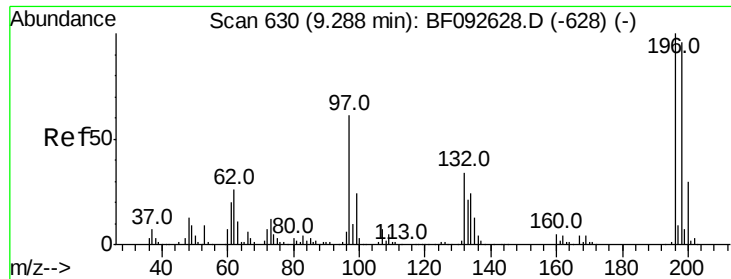


#42
 2,4,6-Trichlorophenol
 Concen: 51.48 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF093389.D
 Acq: 4 Mar 2017 7:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.3	82.1	123.1	
200	28.9	27.0	40.4	

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





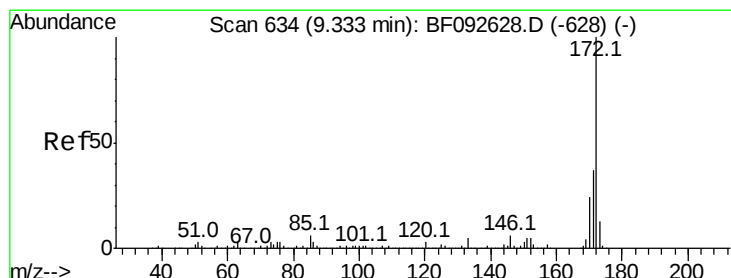
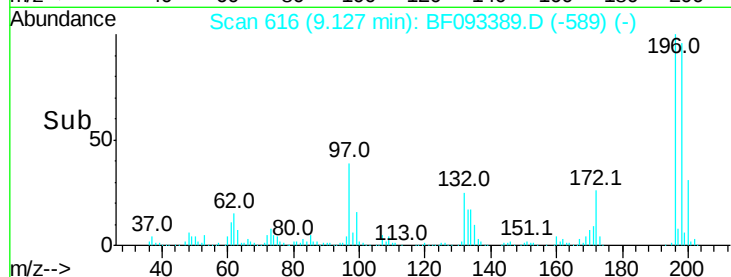
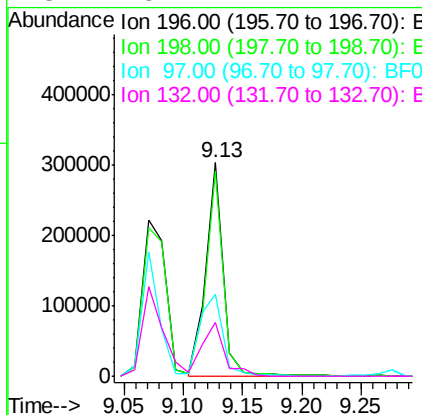
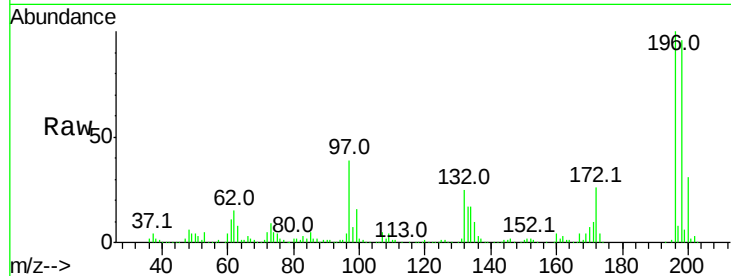
#43
 2,4,5-Trichlorophenol
 Concen: 47.92 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.01 min
 Lab File: BF093389.D
 Acq: 4 Mar 2017 7:05

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-002-ABCDMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		308658		
198	95.7	79.4	119.2		
97	38.6	51.5	77.3#		
132	25.2	27.4	41.2#		

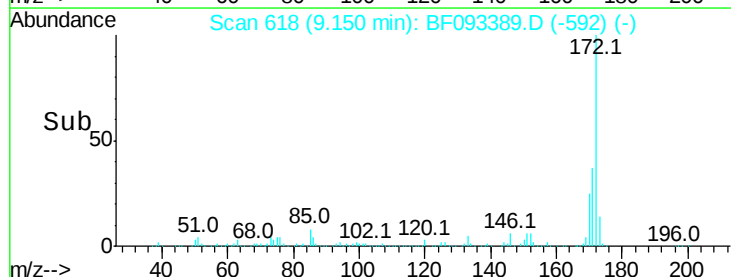
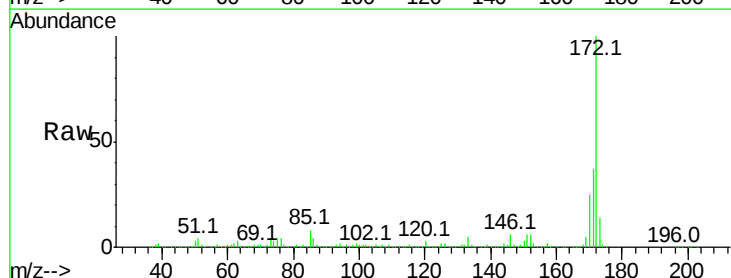
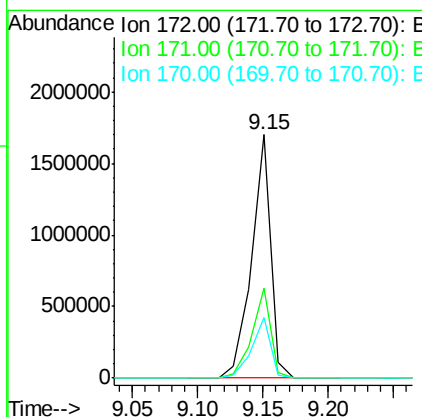
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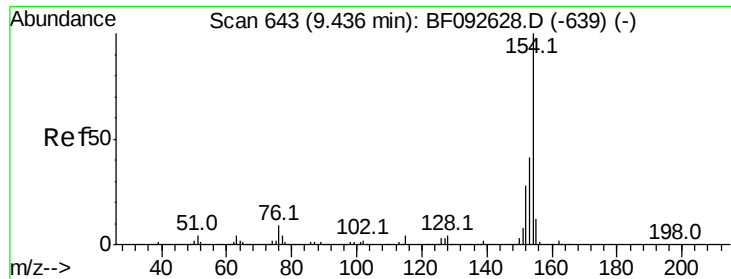
mohammad
 3/6/2017 4:23:51 PM



#44
 2-Fluorobiphenyl
 Concen: 98.04 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF093389.D
 Acq: 4 Mar 2017 7:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1724743		
171	37.2	29.4	44.0		
170	24.8	20.2	30.4		





#45

1,1'-Biphenyl

Concen: 55.13 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.00 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-002-ABCDMS

Tot Ion:154 Resp: 1272312

Ion Ratio Lower Upper

154 100

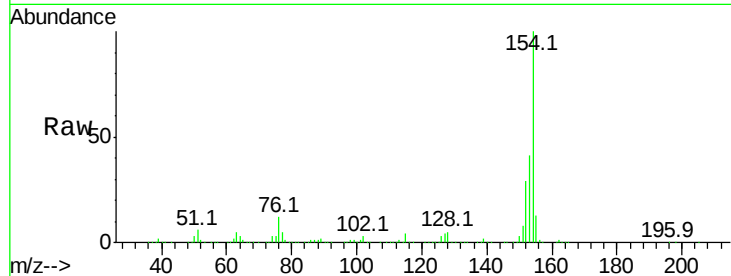
153 41.1 20.9 60.9

76 11.8 0.0 30.5

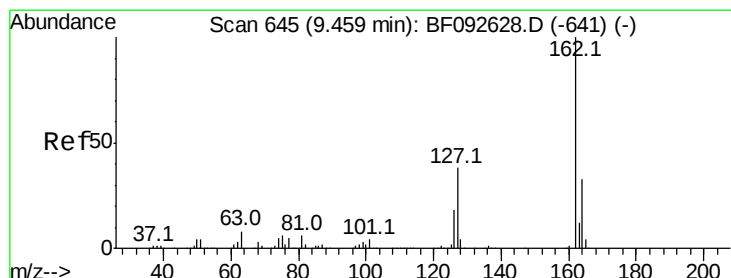
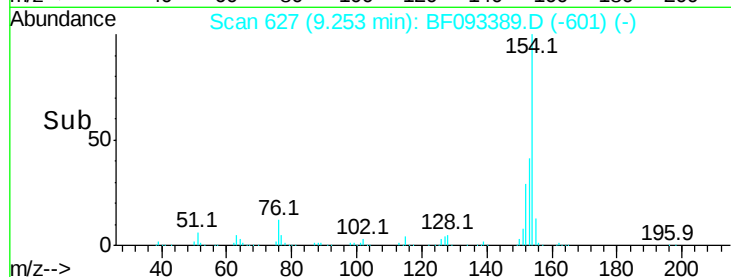
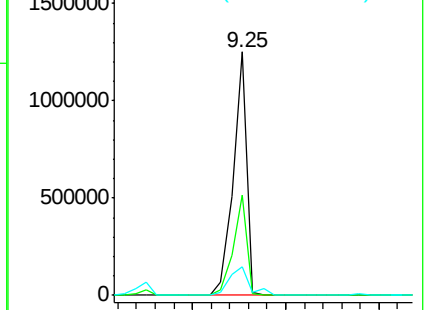
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BFO



#46

2-Chloronaphthalene

Concen: 52.13 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.00 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

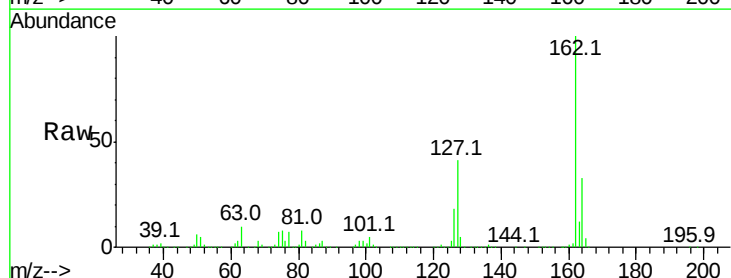
Tgt Ion:162 Resp: 941219

Ion Ratio Lower Upper

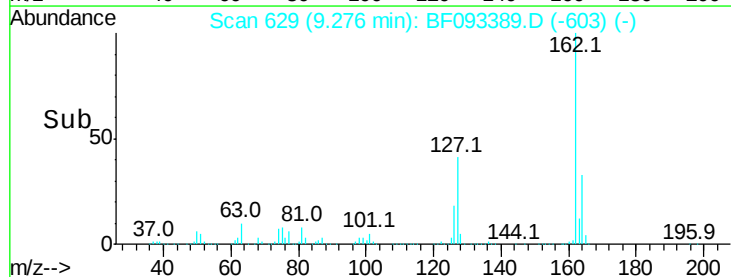
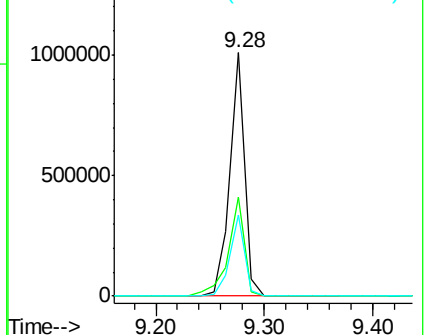
162 100

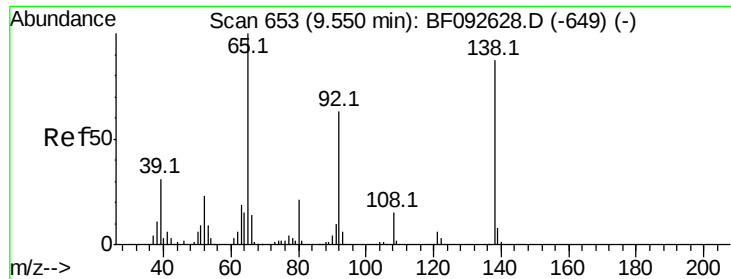
127 40.7 30.7 46.1

164 33.4 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





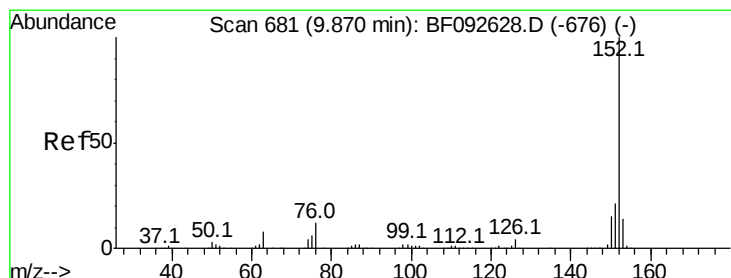
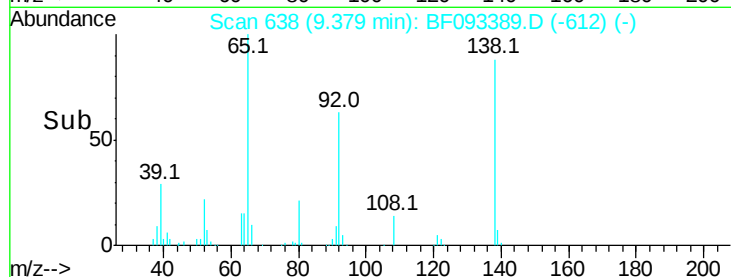
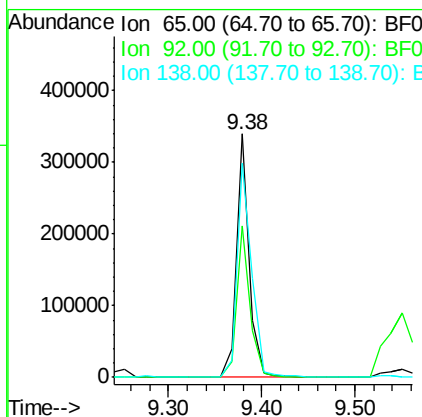
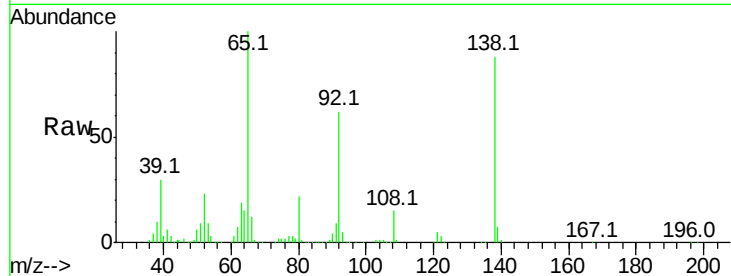
#47
2-Nitroaniline
Concen: 53.59 ng
RT: 9.38 min Scan# 638
Delta R.T. -0.00 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-002-ABCDMS

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.2	53.9	80.9
138	87.7	76.8	115.2

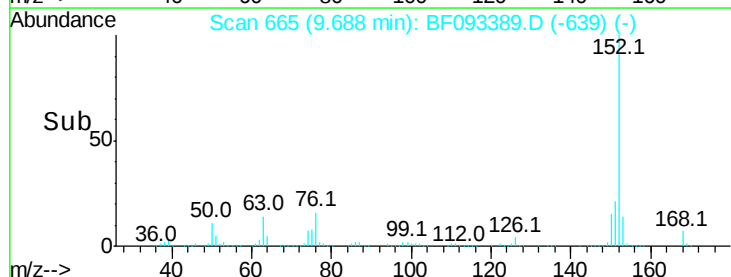
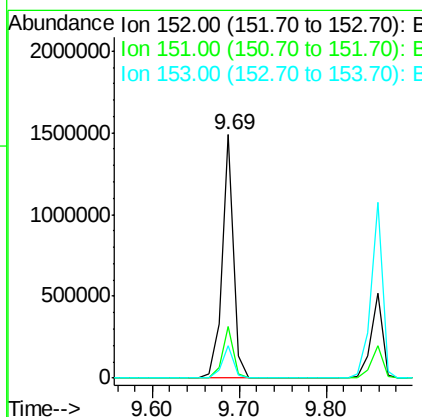
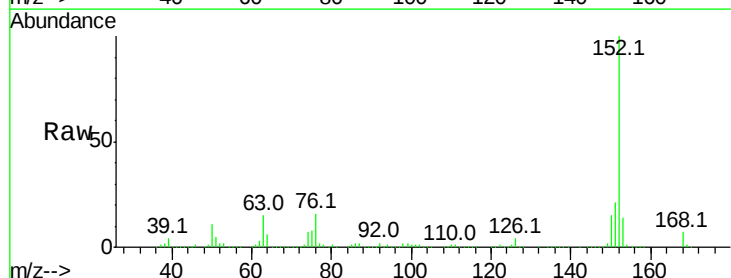
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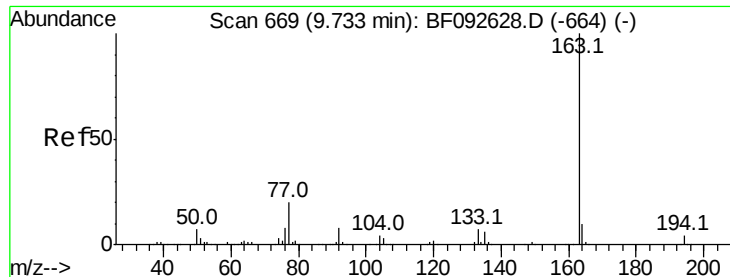
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#48
Acenaphthylene
Concen: 43.95 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.9	25.3
153	13.6	11.4	17.2





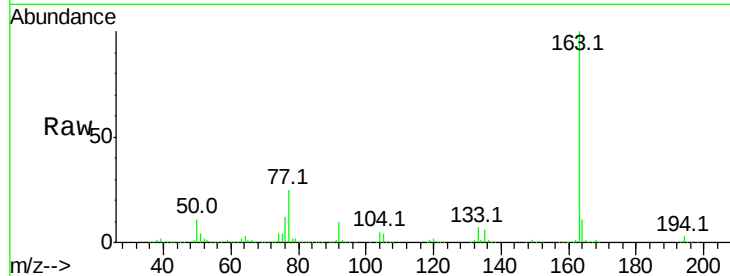
#49
Dimethylphthalate
Concen: 58.70 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.00 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-002-ABCDMS

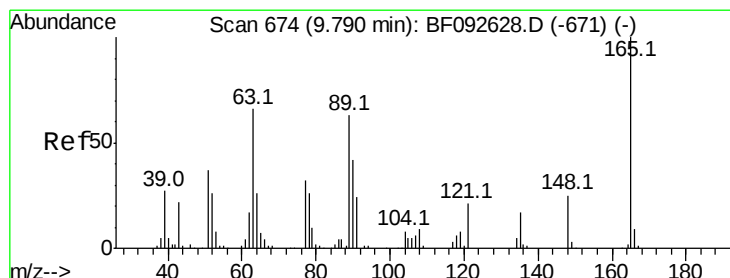
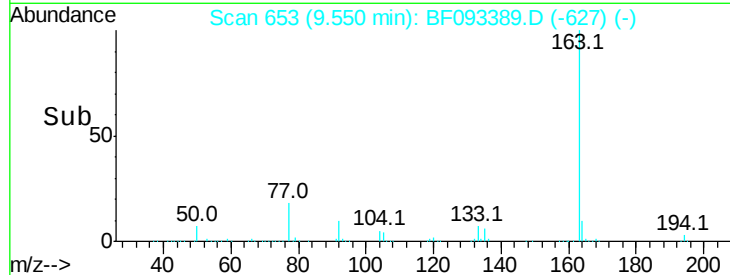
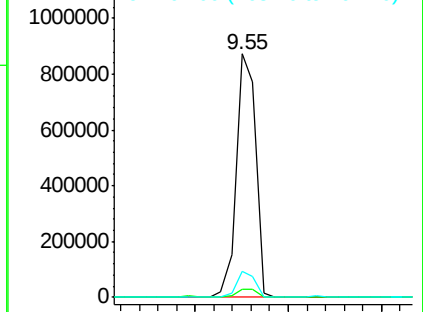
Tot Ion:163 Resp: 1260085
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 10.9 8.0 12.0

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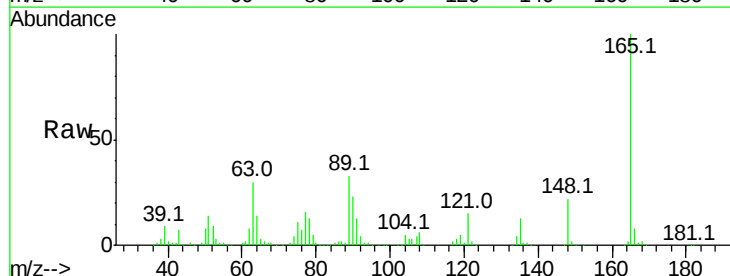


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

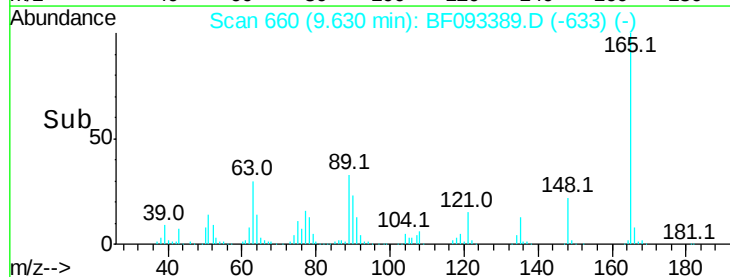
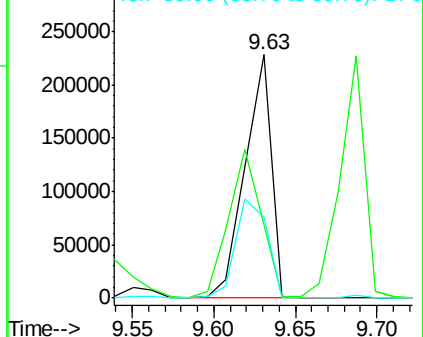


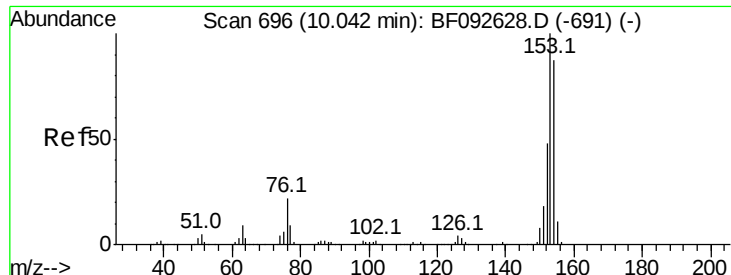
#50
2,6-Dinitrotoluene
Concen: 54.86 ng
RT: 9.63 min Scan# 660
Delta R.T. 0.01 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Tgt Ion:165 Resp: 254355
Ion Ratio Lower Upper
165 100
63 29.9 36.2 54.4#
89 33.1 40.2 60.4#



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





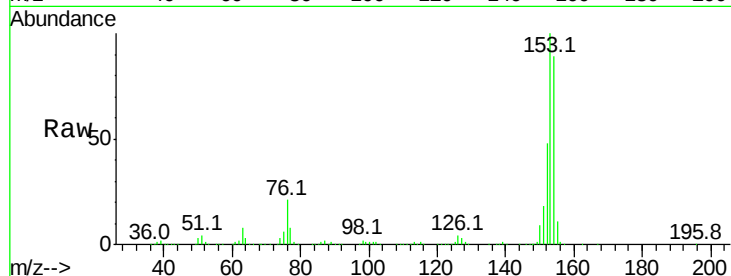
#51
Acenaphthene
Concen: 46.62 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-002-ABCDMS

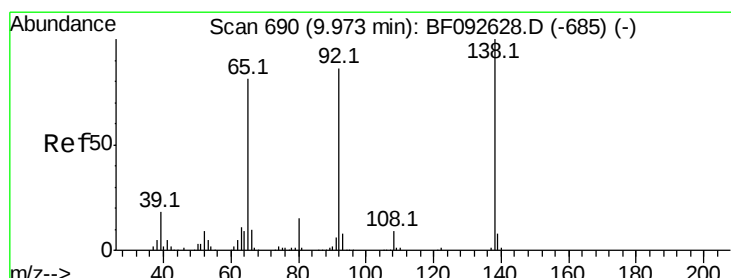
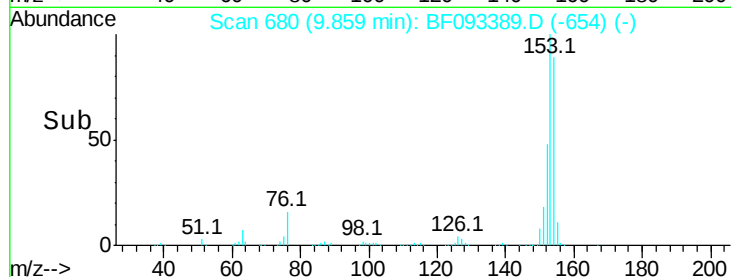
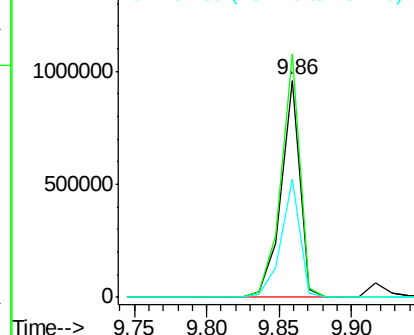
Tot Ion	Ratio	Lower	Upper
154	100		
153	112.3	88.6	133.0
152	54.5	41.6	62.4

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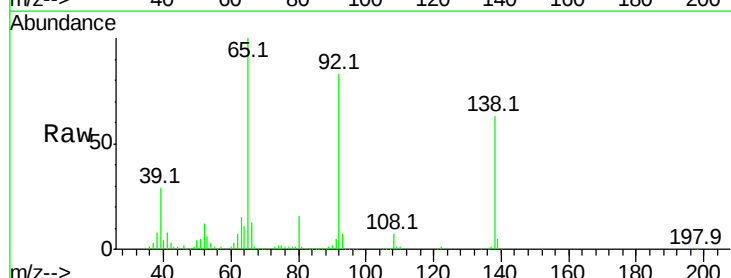


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

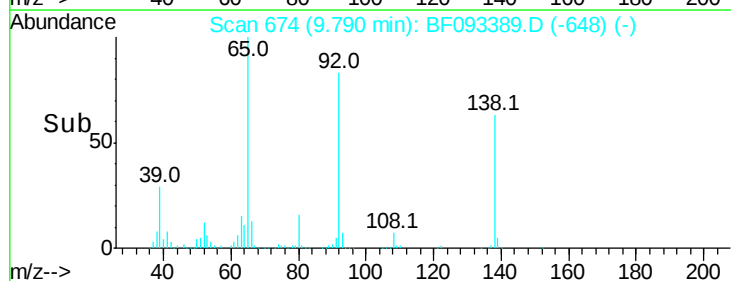
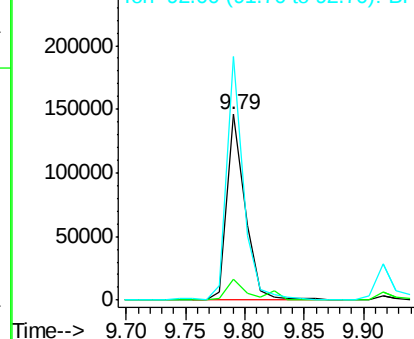


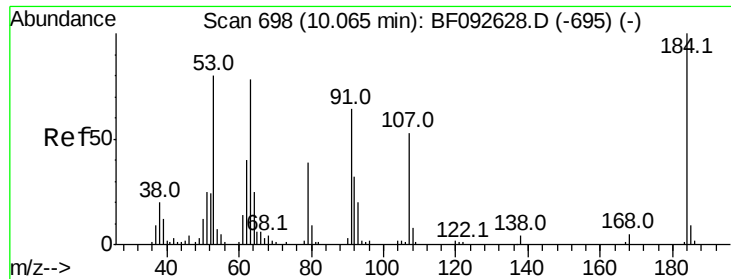
#52
3-Nitroaniline
Concen: 29.18 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.2	8.5	12.7
92	131.0	97.8	146.8



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





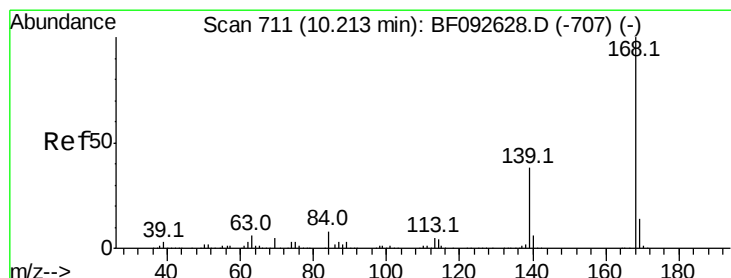
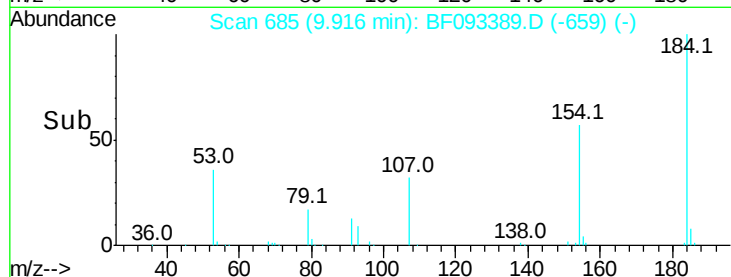
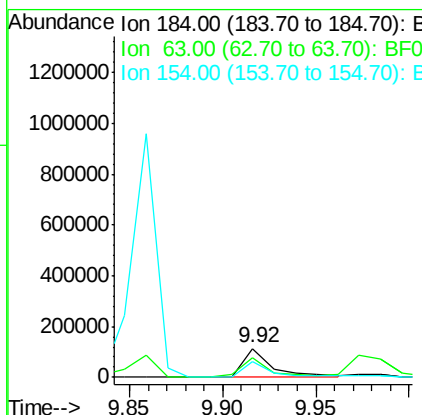
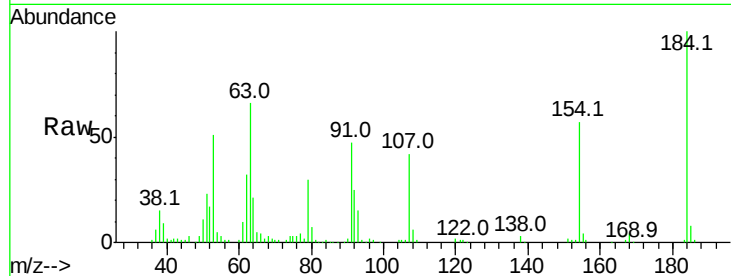
#53
 2,4-Dinitrophenol
 Concen: 54.60 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.00 min
 Lab File: BF093389.D
 Acq: 4 Mar 2017 7:05

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-002-ABCDMS

Tot Ion:184 Resp: 124992
 Ion Ratio Lower Upper
 184 100
 63 66.0 28.4 42.6#
 154 56.9 44.3 66.5

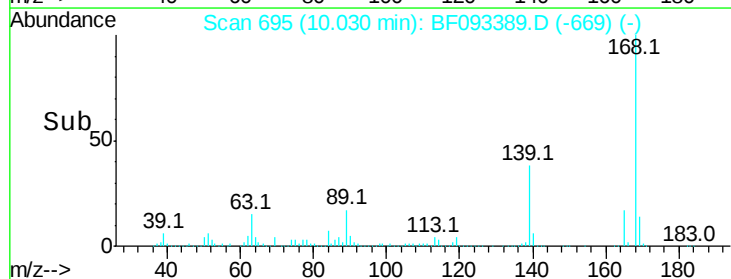
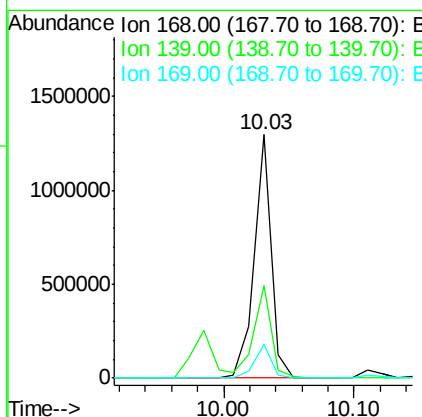
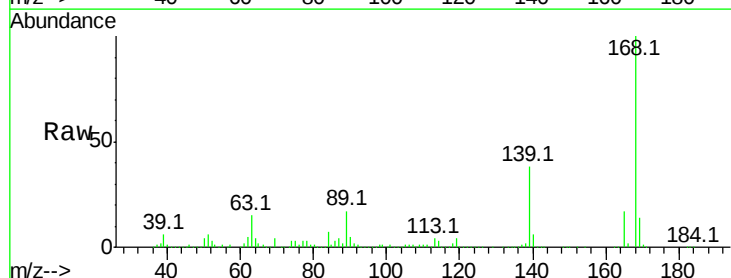
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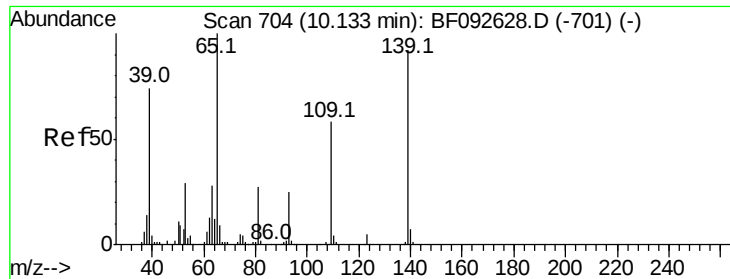
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#54
 Dibenzofuran
 Concen: 47.23 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF093389.D
 Acq: 4 Mar 2017 7:05

Tgt Ion:168 Resp: 1178020
 Ion Ratio Lower Upper
 168 100
 139 38.2 32.6 49.0
 169 13.7 11.3 16.9





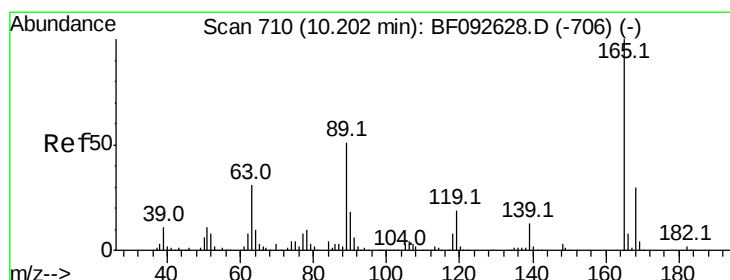
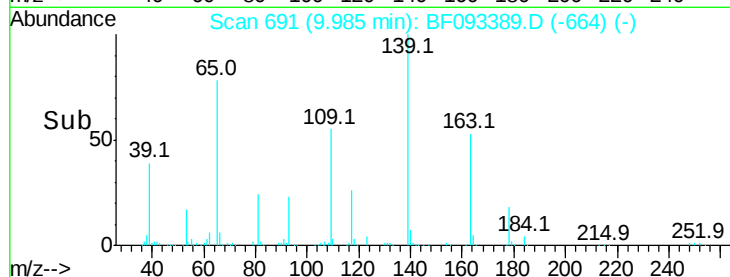
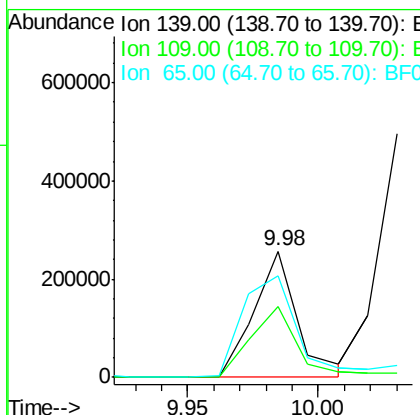
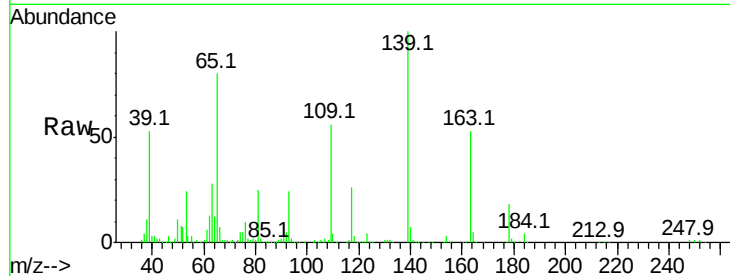
#55
4-Nitrophenol
Concen: 78.32 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.01 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-002-ABCDMS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	299289		
109	55.8	52.2	92.2	
65	80.0	85.8	125.8	

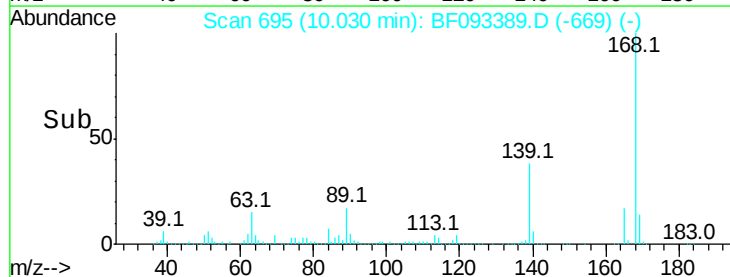
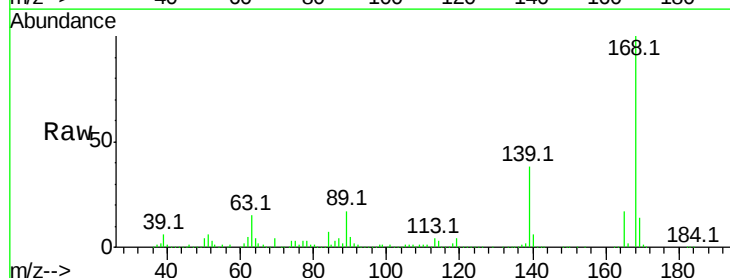
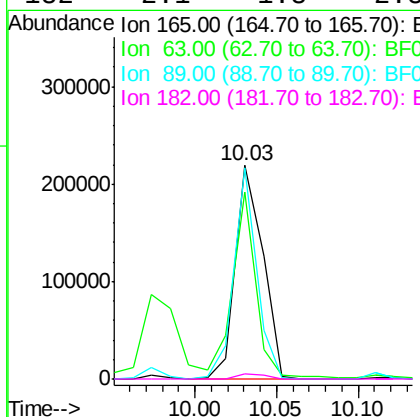
Manual Integrations
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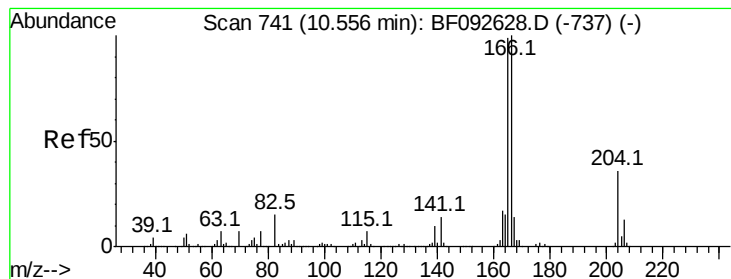
mohammad
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#56
2,4-Dinitrotoluene
Concen: 41.36 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	255255		
63	87.4	40.2	60.4	
89	98.9	62.5	93.7	
182	2.1	1.8	2.8	





#57

Fluorene

Concen: 48.57 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

Instrument :

BNA_F

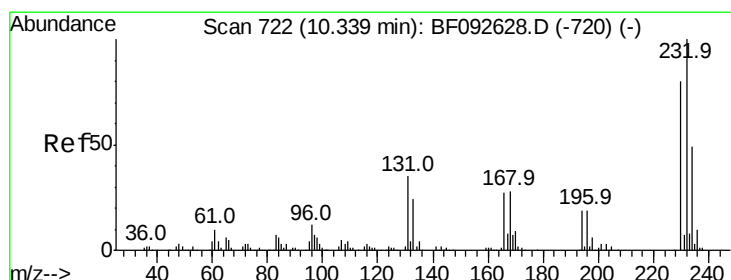
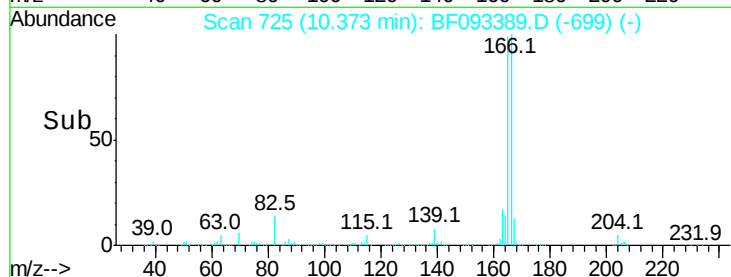
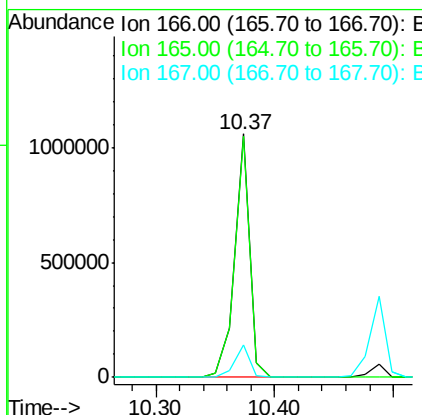
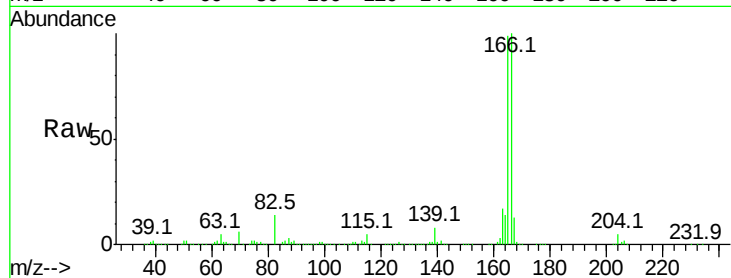
ClientSampleId :

FK-BPM-02-002-ABCDMS

Tot Ion:	166	Resp:	931892
Ion Ratio	Lower	Upper	
166	100		
165	98.8	77.8	116.8
167	13.3	10.8	16.2

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 55.38 ng

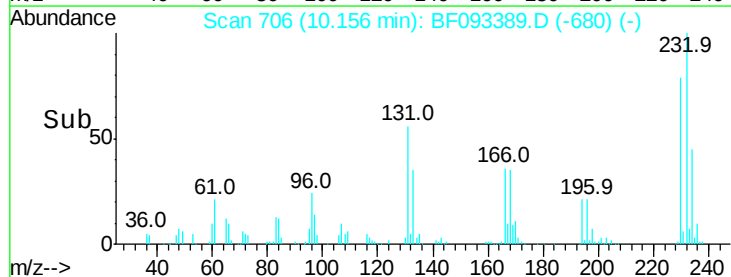
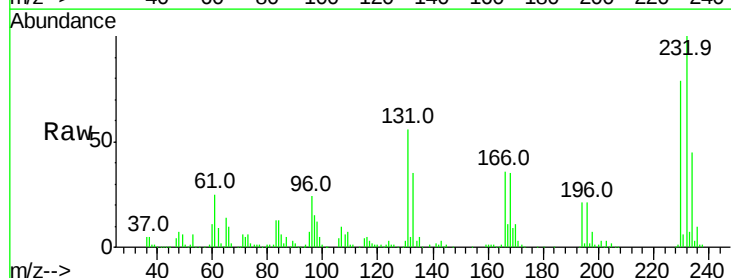
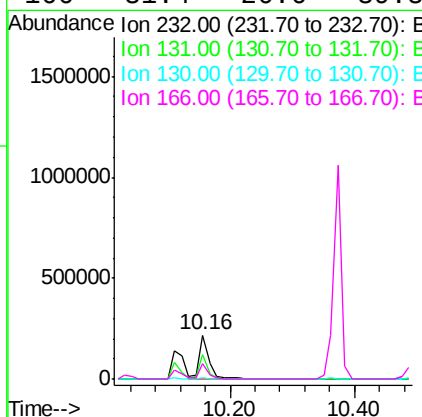
RT: 10.16 min Scan# 706

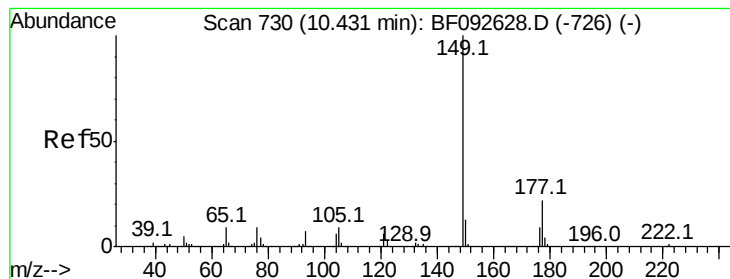
Delta R.T. -0.00 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

Tgt Ion:	232	Resp:	237961
Ion Ratio	Lower	Upper	
232	100		
131	46.9	40.1	60.1
130	2.1	1.8	2.8
166	31.4	26.6	39.8





#59

Diethylphthalate

Concen: 49.21 ng

RT: 10.25 min Scan# 714

Delta R.T. -0.00 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

Instrument :

BNA_F

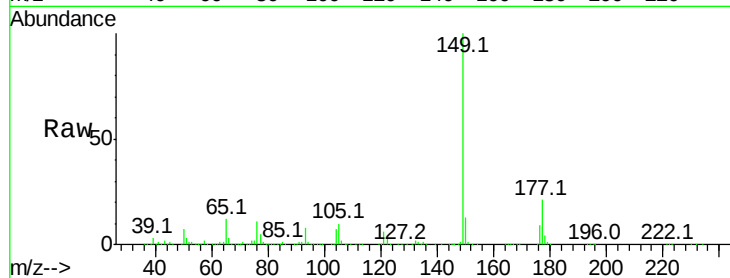
ClientSampleId :

FK-BPM-02-002-ABCDMS

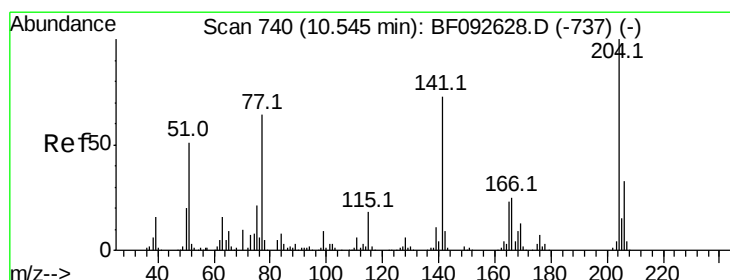
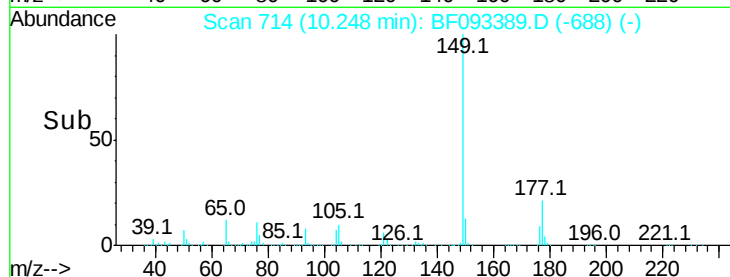
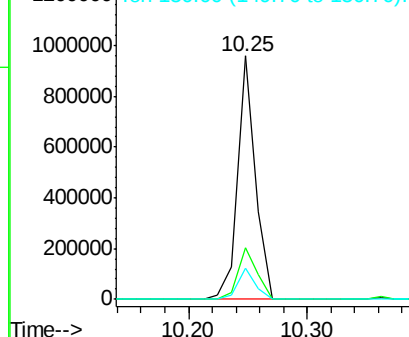
Tot Ion:	149	Resp:	995527
Ion Ratio	Lower	Upper	
149	100		
177	21.2	16.6	25.0
150	12.9	10.4	15.6

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 45.93 ng

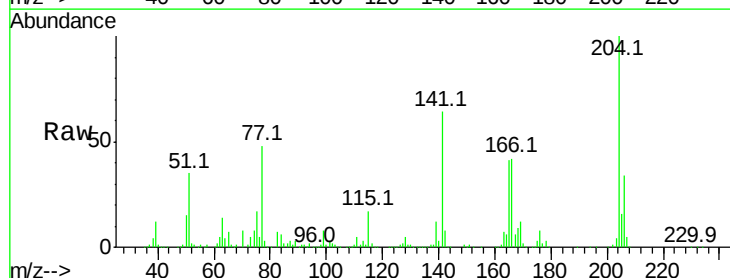
RT: 10.36 min Scan# 724

Delta R.T. -0.00 min

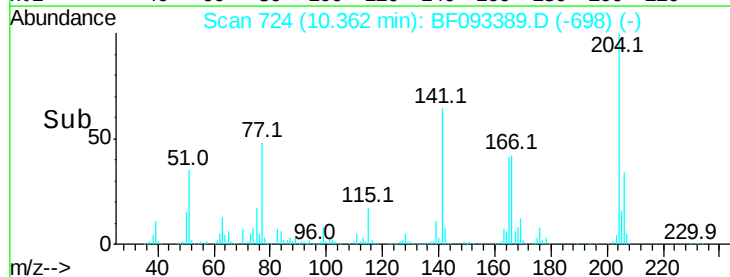
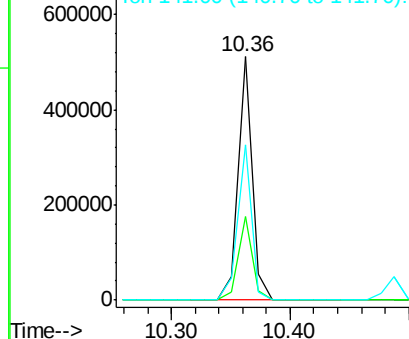
Lab File: BF093389.D

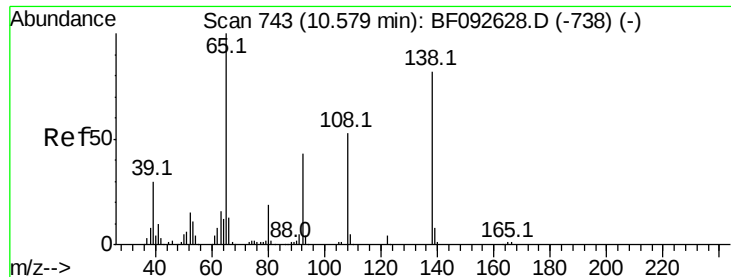
Acq: 4 Mar 2017 7:05

Tgt Ion:	204	Resp:	423388
Ion Ratio	Lower	Upper	
204	100		
206	34.3	25.8	38.6
141	63.9	59.4	89.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





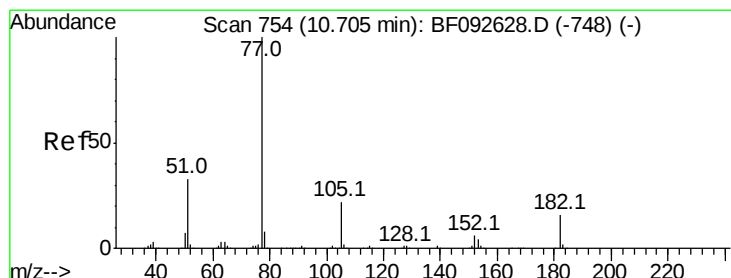
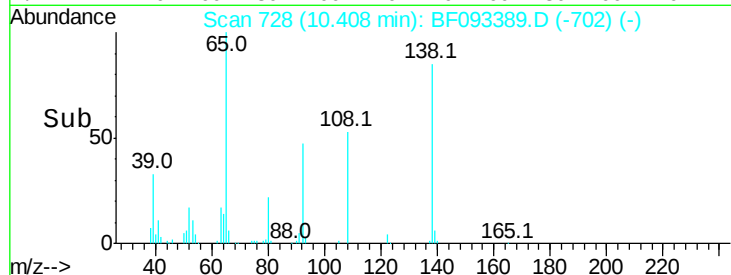
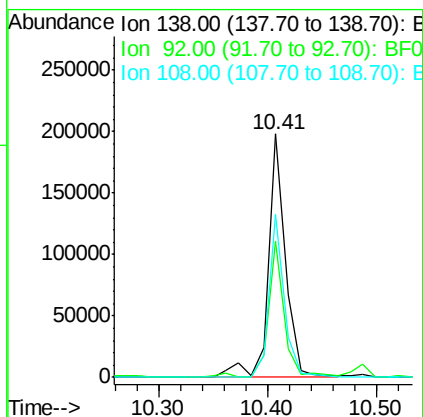
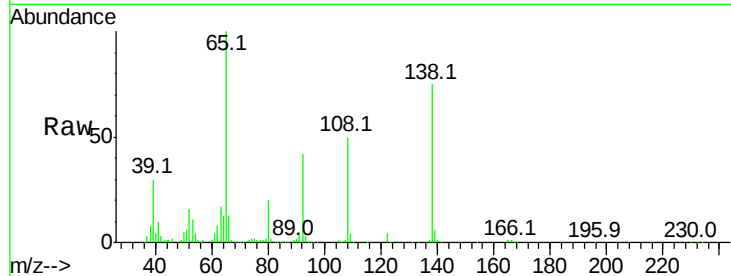
#61
4-Nitroaniline
Concen: 40.18 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-002-ABCDMS

Tot Ion	Ratio	Lower	Upper
138	100		
92	55.7	31.7	71.7
108	66.8	52.6	92.6

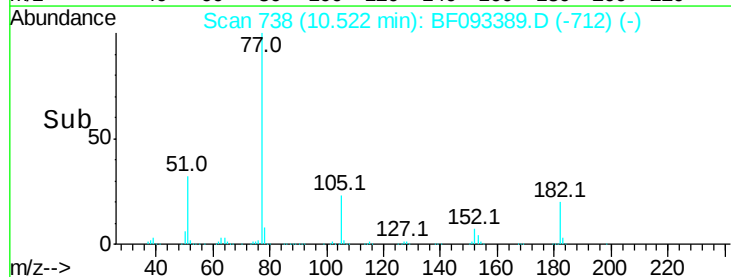
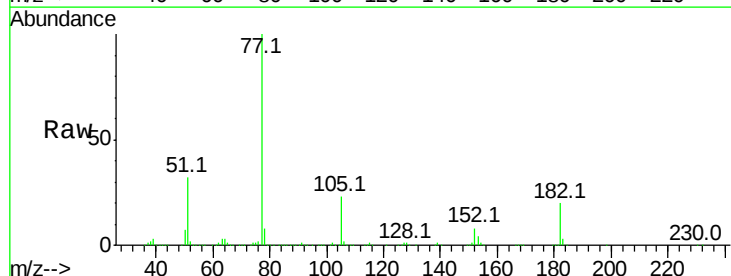
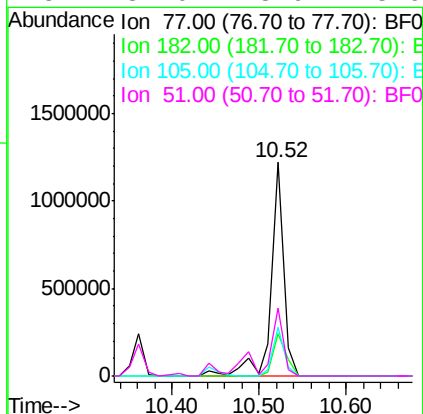
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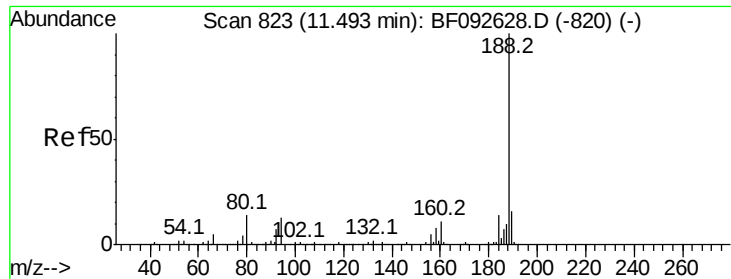
mohammad
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#62
Azobenzene
Concen: 58.25 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.0	0.0	39.3
105	22.8	2.3	42.3
51	32.0	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.31 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

Instrument :

BNA_F

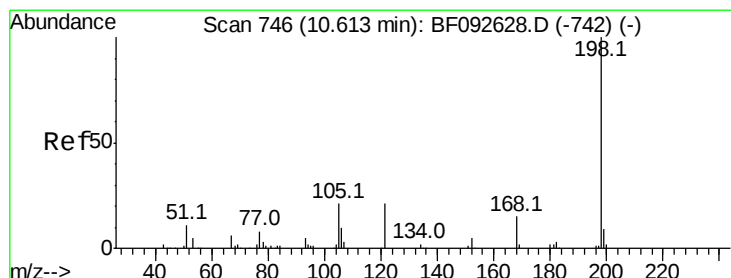
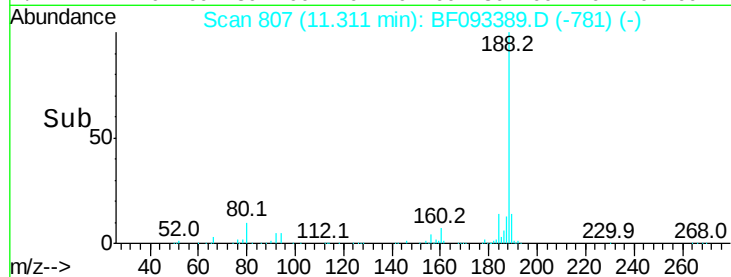
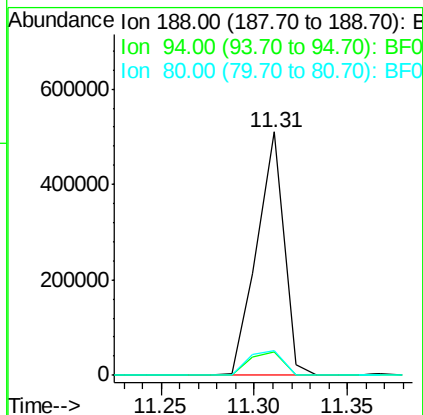
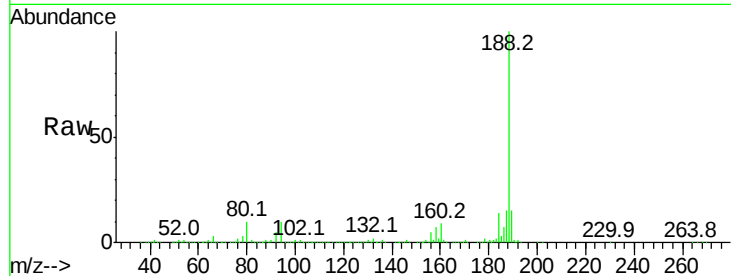
ClientSampleId :

FK-BPM-02-002-ABCDMS

Tot Ion:	188	Resp:	515476
Ion Ratio	Lower	Upper	
188	100		
94	9.7	10.0	15.0#
80	10.1	11.2	16.8#

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#64

4,6-Dinitro-2-methylphenol

Concen: 38.83 ng

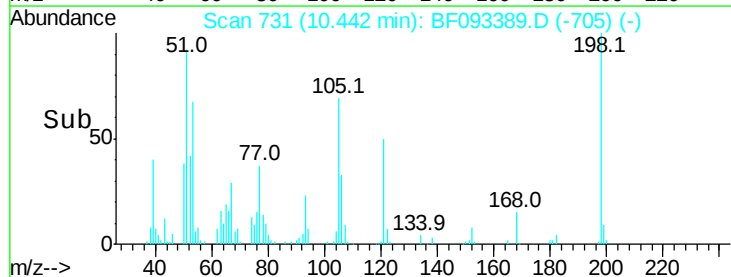
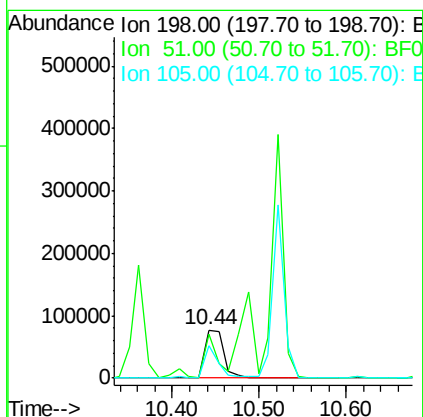
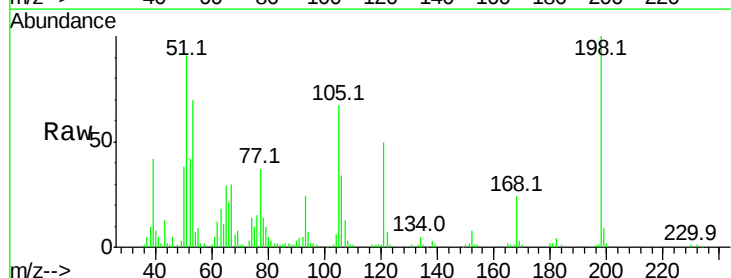
RT: 10.44 min Scan# 731

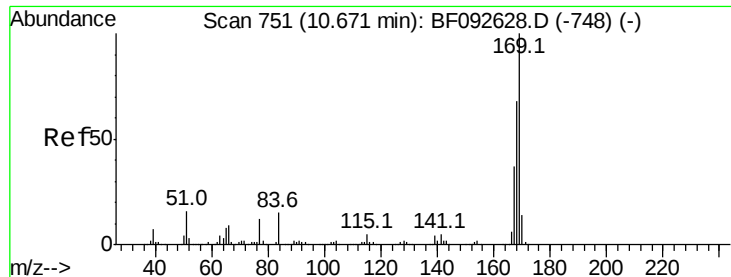
Delta R.T. -0.00 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

Tgt Ion:	198	Resp:	120134
Ion Ratio	Lower	Upper	
198	100		
51	91.0	6.7	46.7#
105	67.5	16.6	56.6#





#65

n-Nitrosodiphenylamine

Concen: 52.04 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

Instrument :

BNA_F

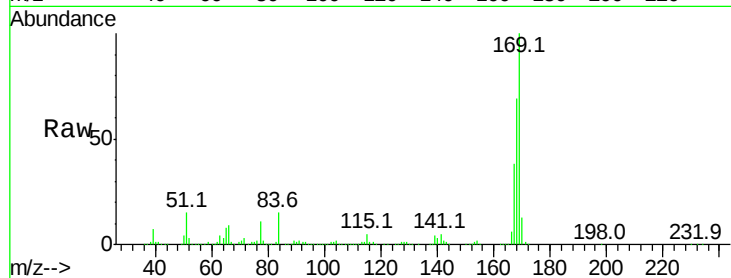
ClientSampleId :

FK-BPM-02-002-ABCDMS

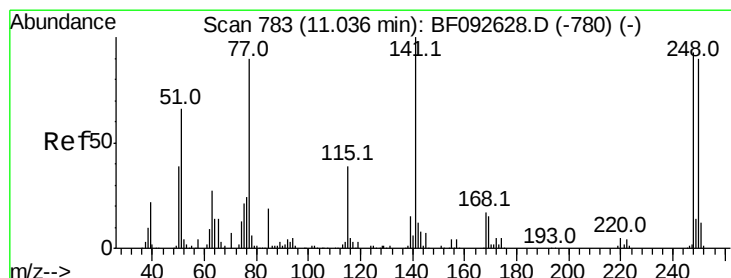
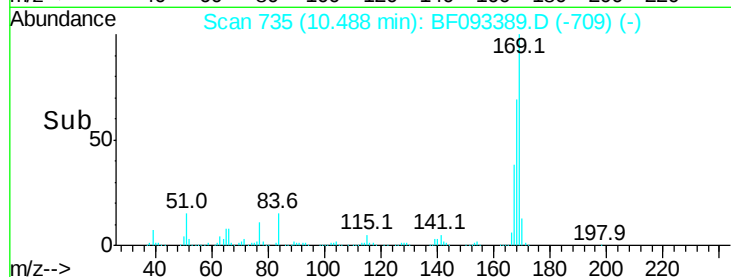
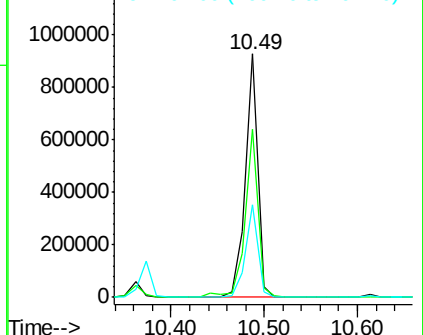
Tot Ion:	169	Resp:	856889
Ion Ratio	Lower	Upper	
169	100		
168	68.8	54.2	81.2
167	38.0	30.2	45.4

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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: 48.99 ng

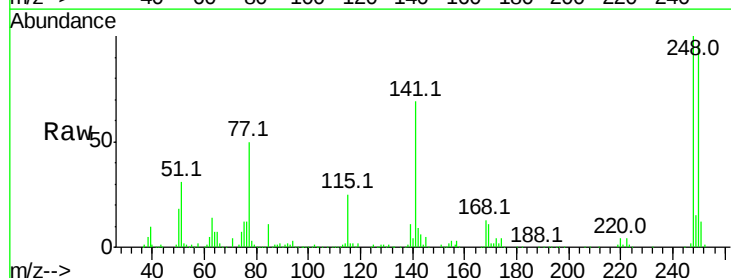
RT: 10.85 min Scan# 767

Delta R.T. -0.00 min

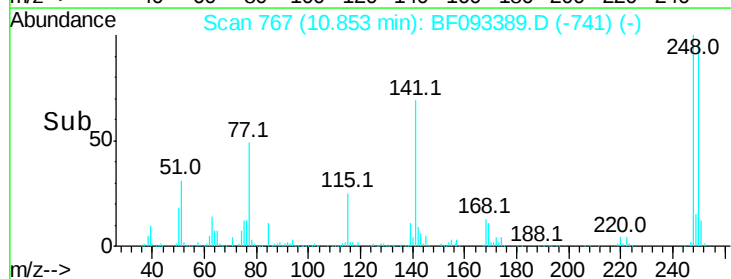
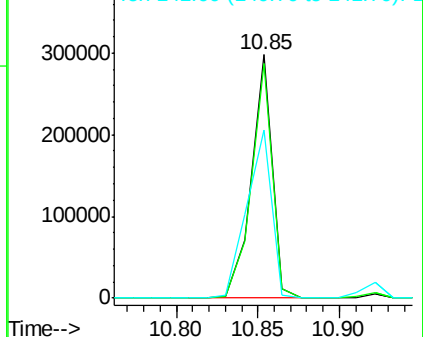
Lab File: BF093389.D

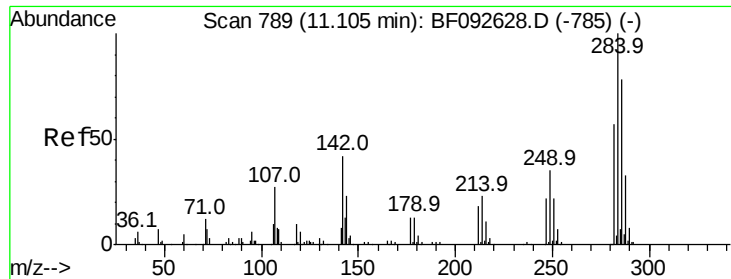
Acq: 4 Mar 2017 7:05

Tgt Ion:	248	Resp:	263849
Ion Ratio	Lower	Upper	
248	100		
250	96.2	76.9	115.3
141	69.3	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





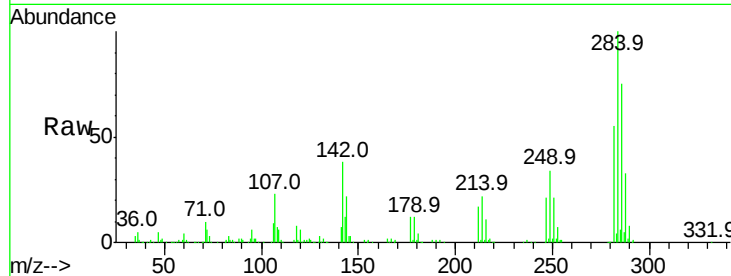
#67
Hexachlorobenzene
Concen: 45.44 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-002-ABCDMS

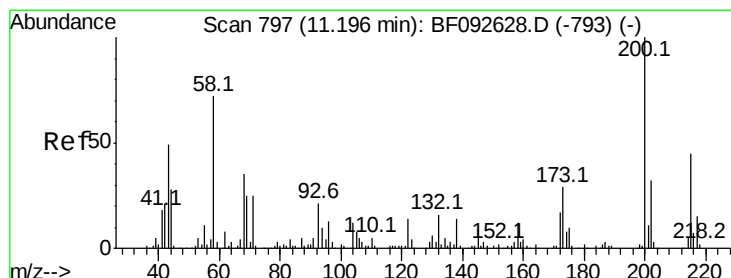
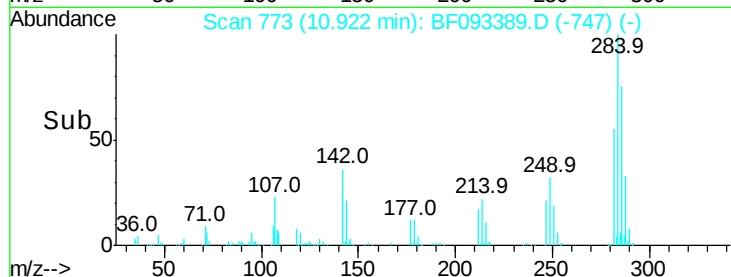
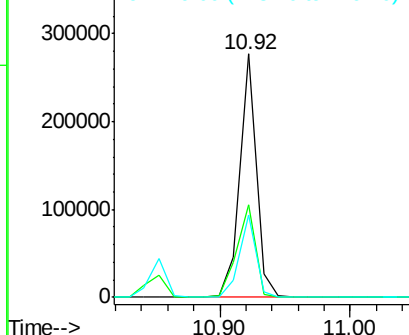
Tot Ion	Ratio	Resp	Lower	Upper
284	100	241838		
142	38.2	22.6	33.8#	
249	33.7	25.4	38.0	

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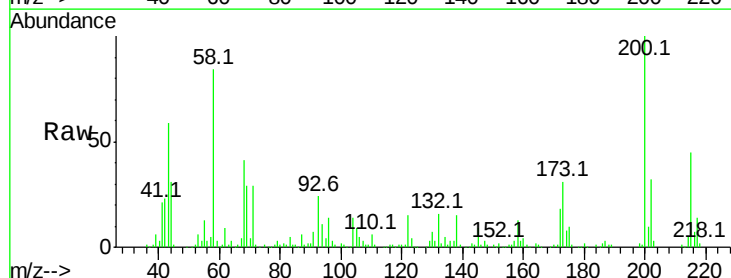


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

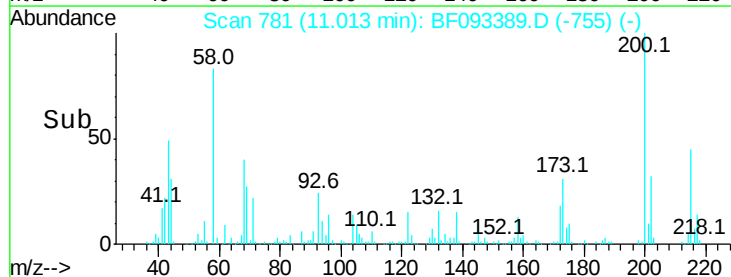
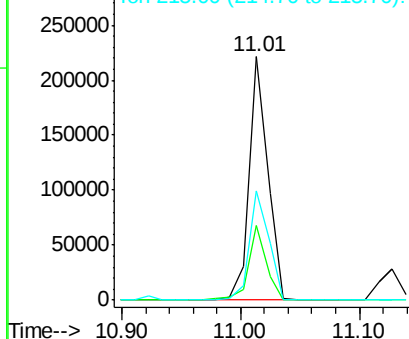


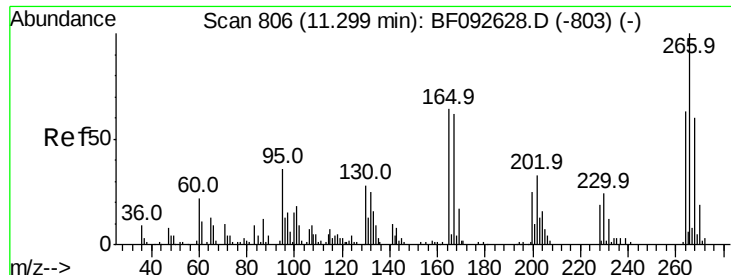
#68
Atrazine
Concen: 46.04 ng
RT: 11.01 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	243284		
173	30.7	9.6	49.6	
215	44.9	25.7	65.7	



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





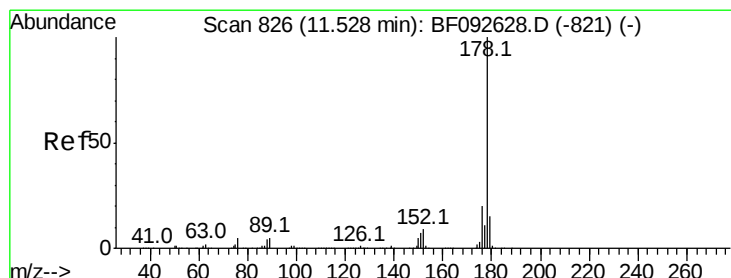
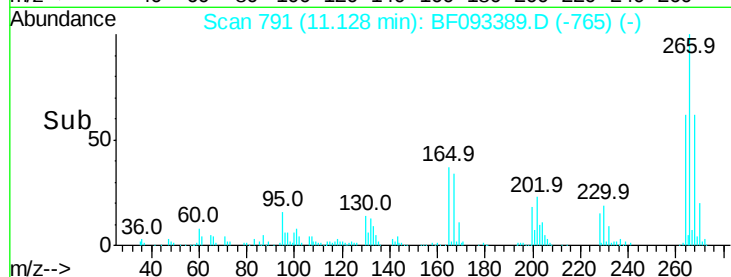
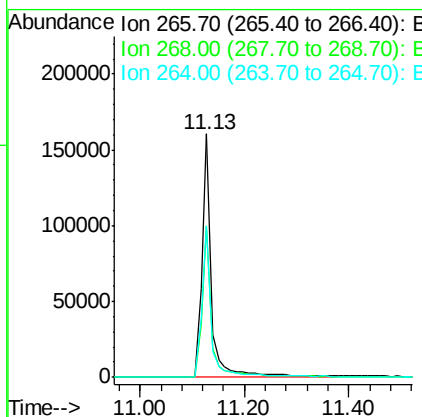
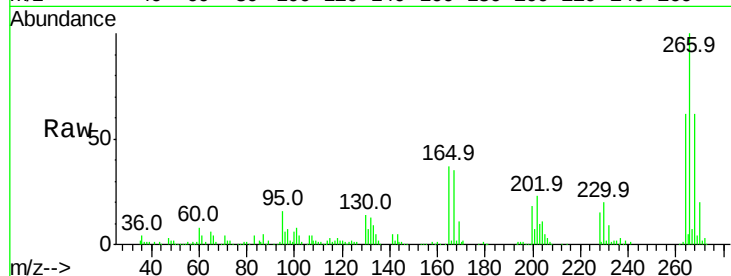
#69
 Pentachlorophenol
 Concen: 76.10 ng
 RT: 11.13 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF093389.D
 Acq: 4 Mar 2017 7:05

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-002-ABCDMS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	208011		
268	62.3	53.3	79.9	
264	62.1	50.3	75.5	

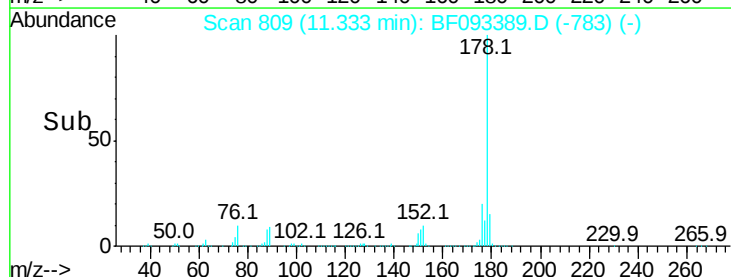
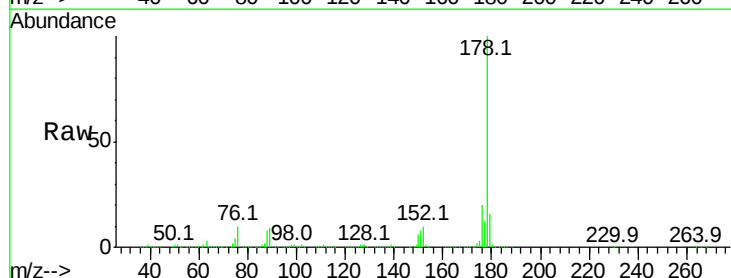
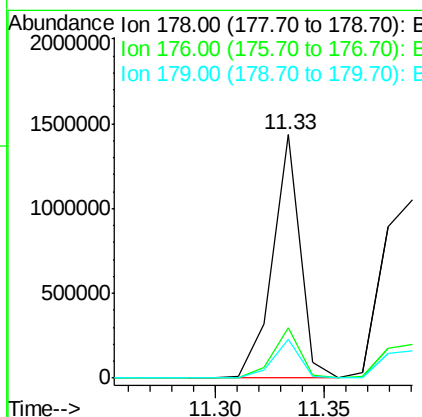
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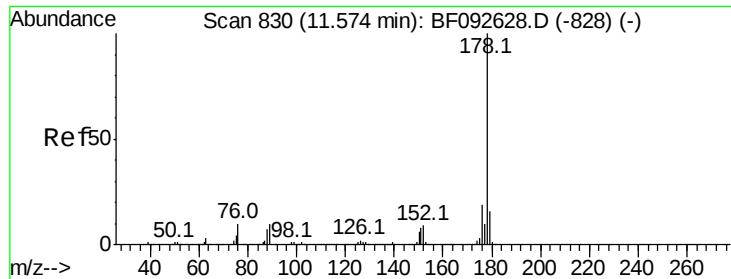
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#70
 Phenanthrene
 Concen: 43.13 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BF093389.D
 Acq: 4 Mar 2017 7:05

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1273790		
176	20.4	16.6	25.0	
179	15.7	12.8	19.2	





#71
 Anthracene
 Concen: 46.58 ng
 RT: 11.39 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF093389.D
 Acq: 4 Mar 2017 7:05

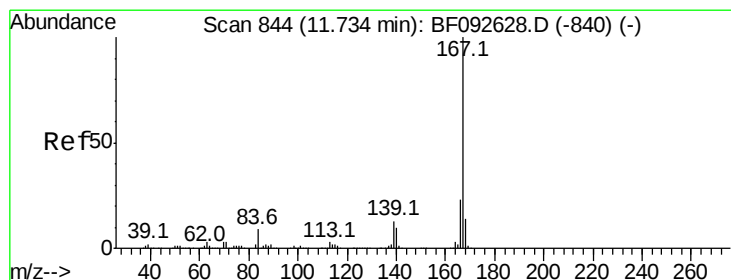
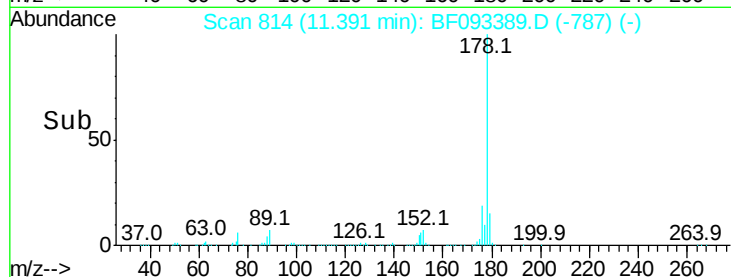
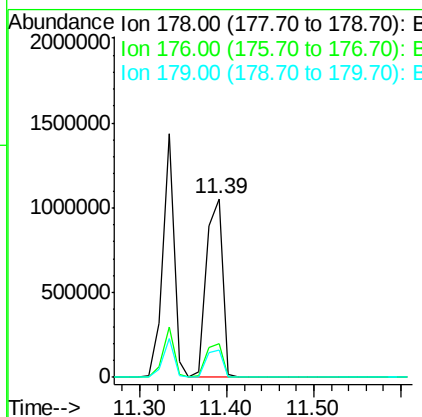
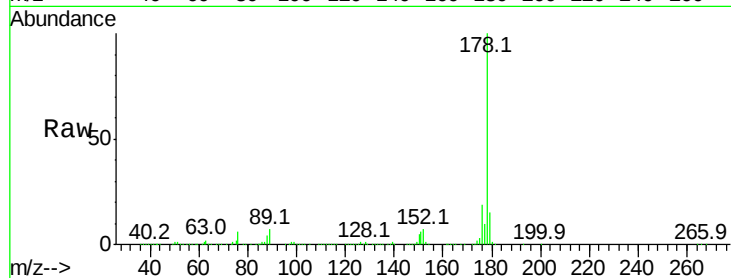
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-002-ABCDMS

Tot Ion:178 Resp: 1381583

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.9	23.9
179	15.2	13.2	19.8

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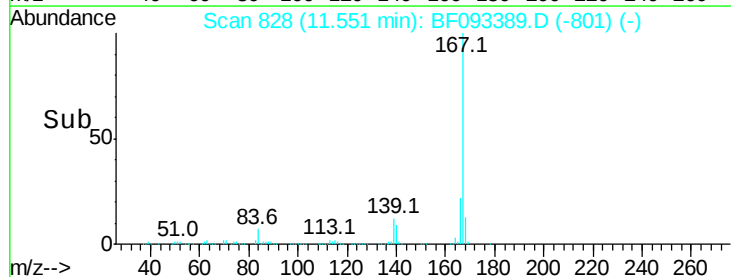
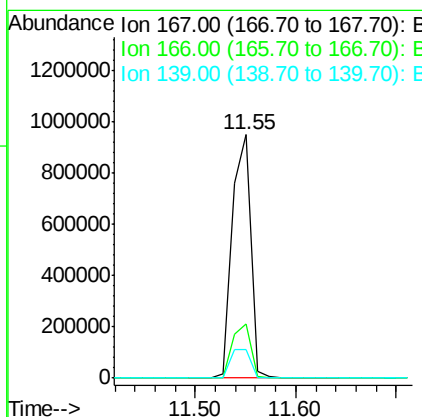
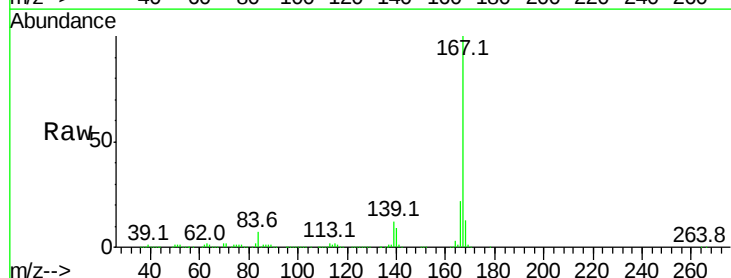
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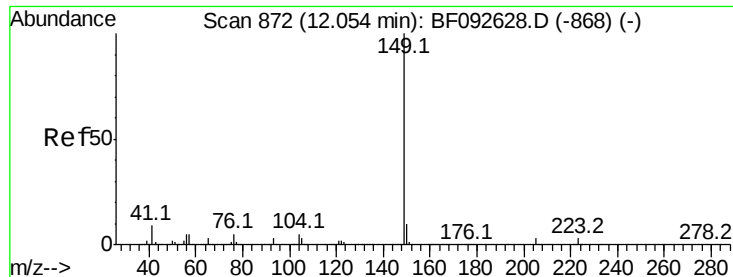


#72
 Carbazole
 Concen: 42.79 ng
 RT: 11.55 min Scan# 828
 Delta R.T. 0.01 min
 Lab File: BF093389.D
 Acq: 4 Mar 2017 7:05

Tgt Ion:167 Resp: 1213151

Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.2	27.2
139	11.5	11.4	17.2





#73

Di-n-butylphthalate

Concen: 52.89 ng

RT: 11.87 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

Instrument :

BNA_F

ClientSampleId :

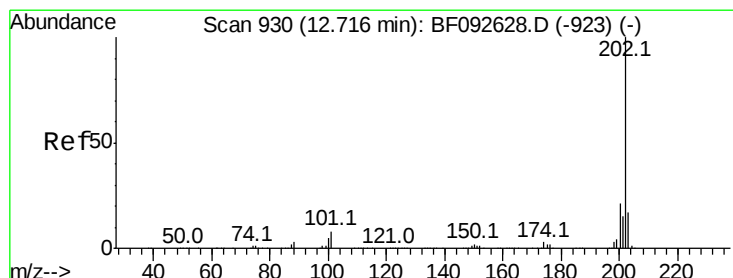
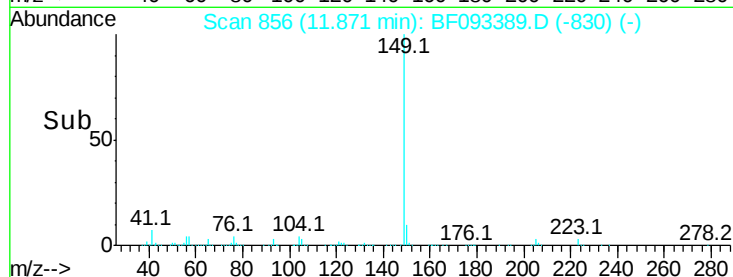
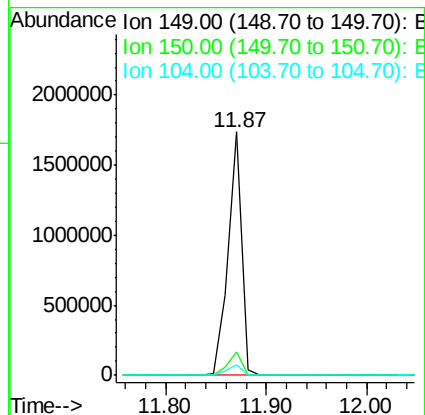
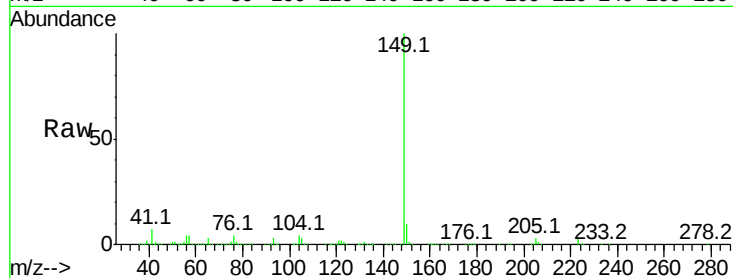
FK-BPM-02-002-ABCDMS

Tot Ion:149 Resp: 1621572

Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.1	12.1
104	4.3	4.6	7.0

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#74

Fluoranthene

Concen: 39.52 ng

RT: 12.52 min Scan# 913

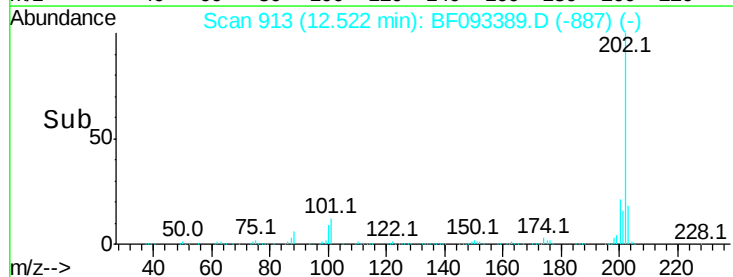
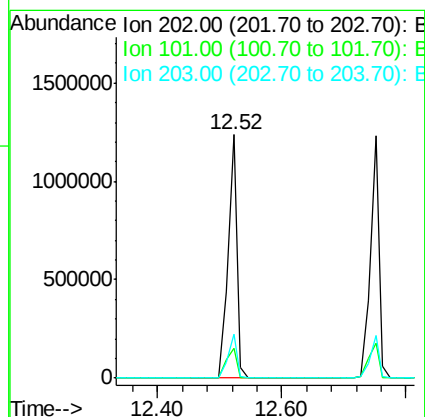
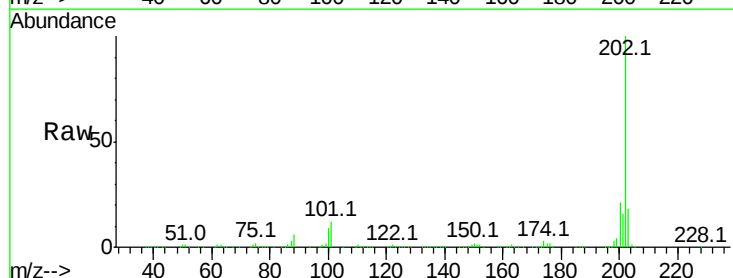
Delta R.T. -0.00 min

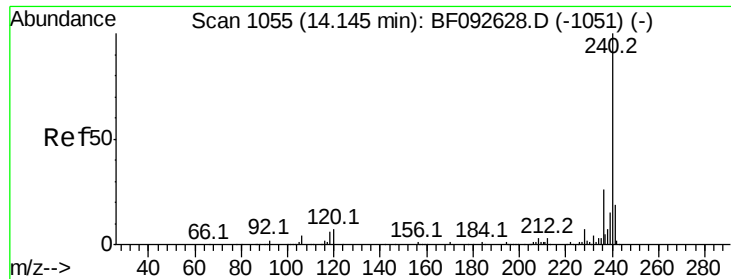
Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

Tgt Ion:202 Resp: 1203991

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	34.6
203	17.9	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

Instrument :

BNA_F

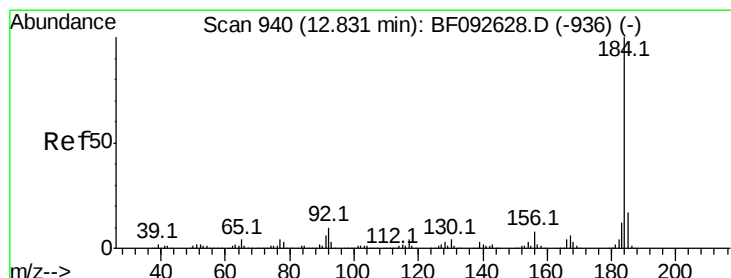
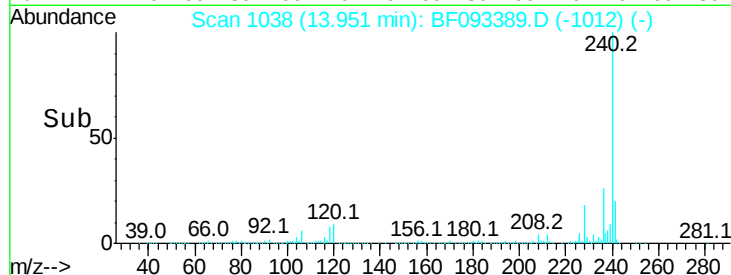
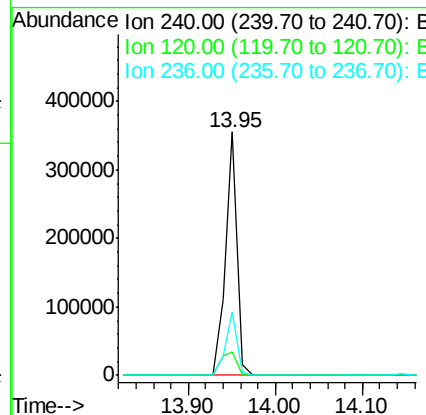
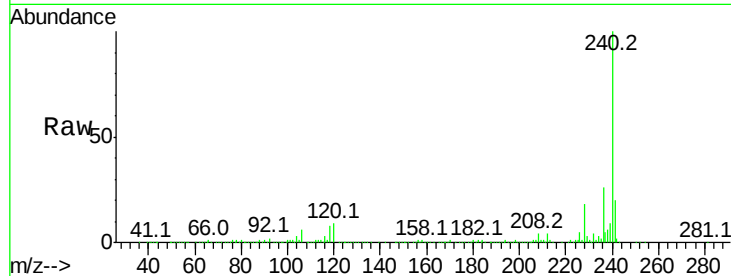
ClientSampleId :

FK-BPM-02-002-ABCDMS

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.4	12.9	19.3#
236	26.0	20.9	31.3

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#76

Benzidine

Concen: 29.68 ng

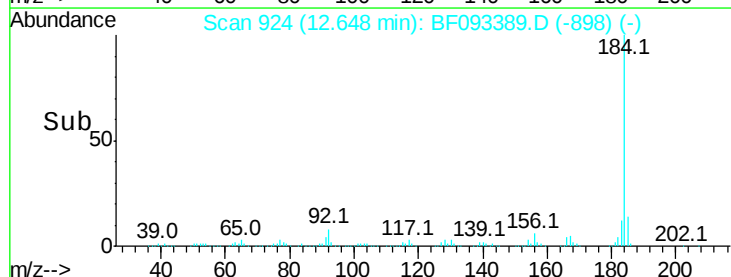
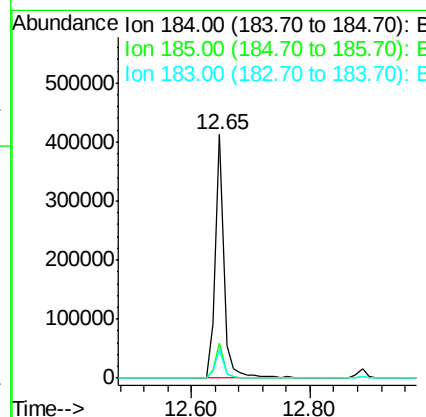
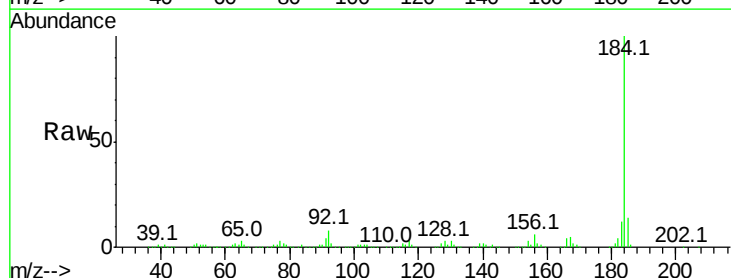
RT: 12.65 min Scan# 924

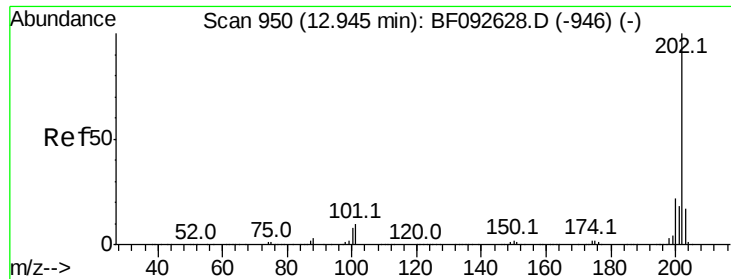
Delta R.T. -0.00 min

Lab File: BF093389.D

Acq: 4 Mar 2017 7:05

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	13.4	20.0
183	11.6	9.2	13.8





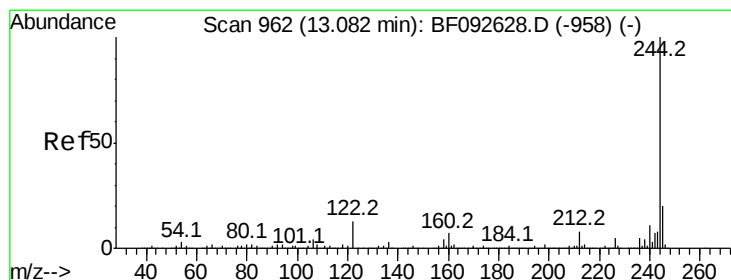
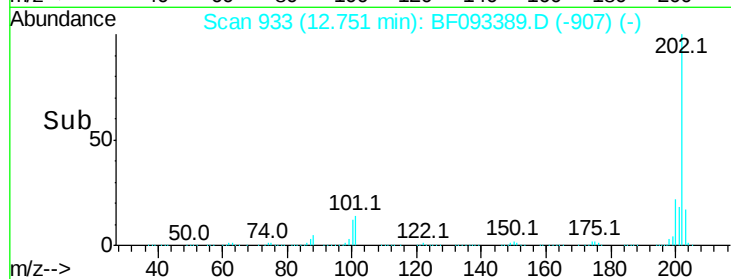
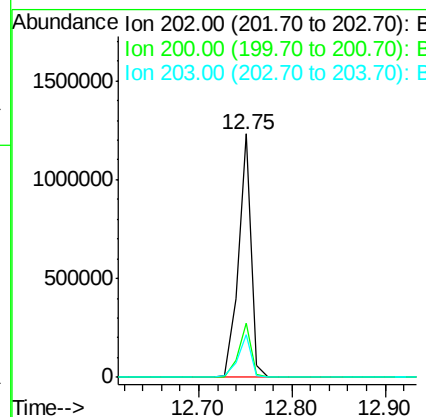
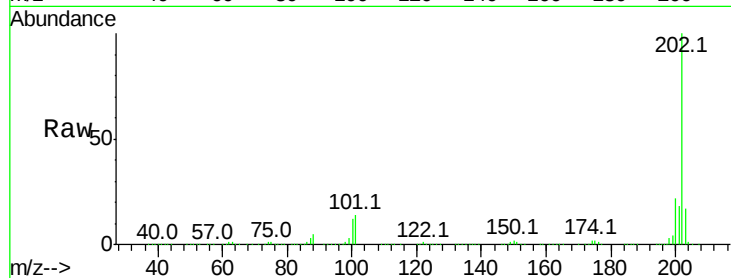
#77
Pvrene
Concen: 46.75 ng
RT: 12.75 min Scan# 933
Delta R.T. -0.00 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-002-ABCDMS

Tot Ion:202 Resp: 1172541
Ion Ratio Lower Upper
202 100
200 22.1 17.7 26.5
203 17.4 14.7 22.1

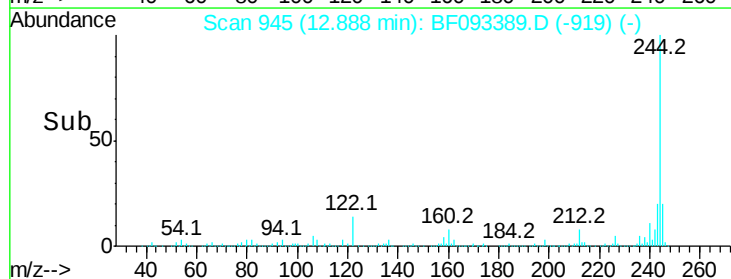
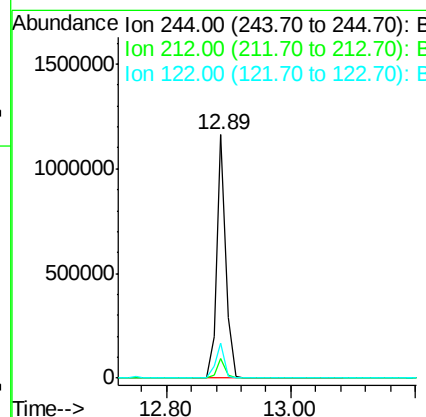
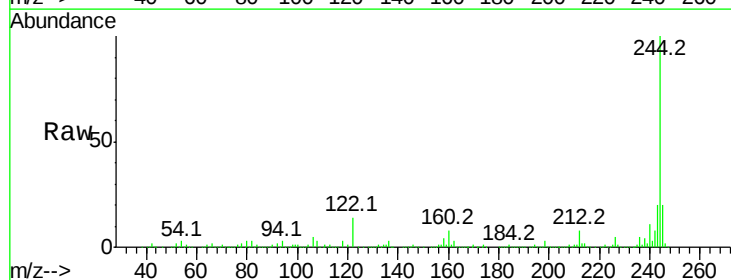
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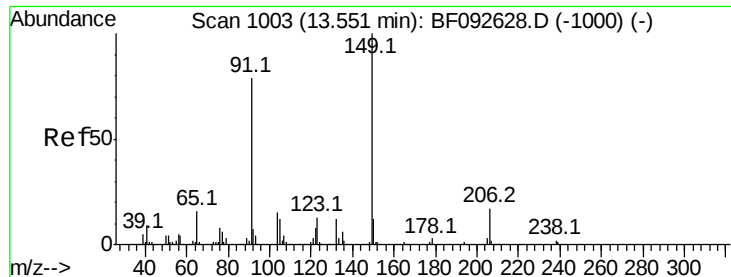
mohammad
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#78
Terphenyl-d14
Concen: 80.29 ng
RT: 12.89 min Scan# 945
Delta R.T. -0.00 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Tgt Ion:244 Resp: 1145089
Ion Ratio Lower Upper
244 100
212 7.9 6.2 9.2
122 14.2 11.4 17.2





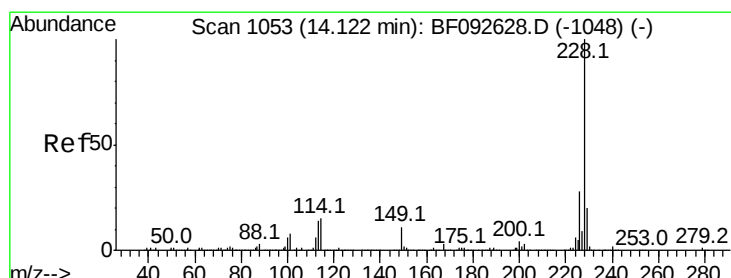
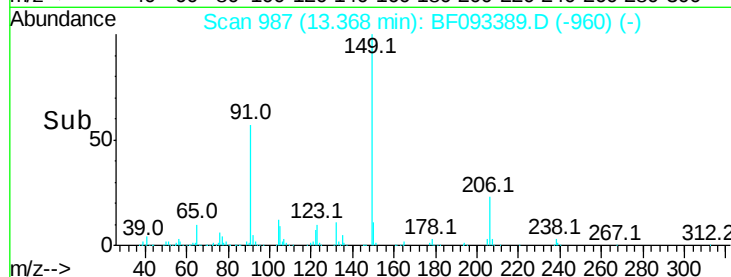
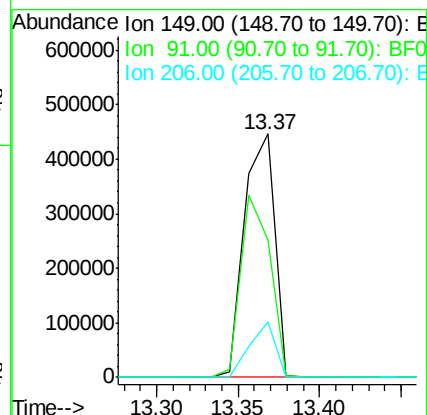
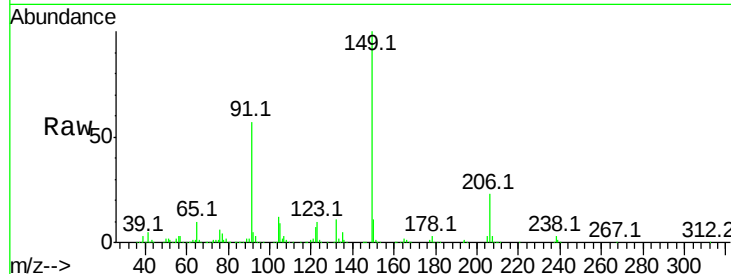
#79
Butylbenzylphthalate
Concen: 56.29 ng
RT: 13.37 min Scan# 987
Delta R.T. 0.01 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-002-ABCDMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	56.7	63.9	95.9#	
206	22.5	14.6	21.8#	

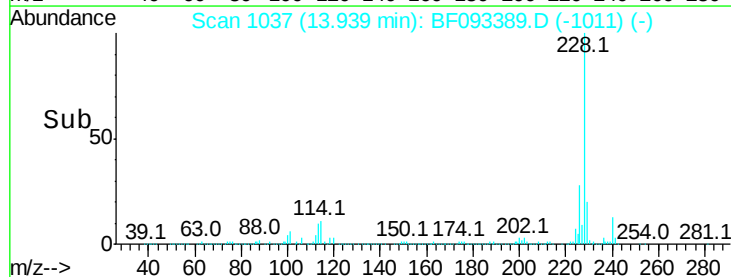
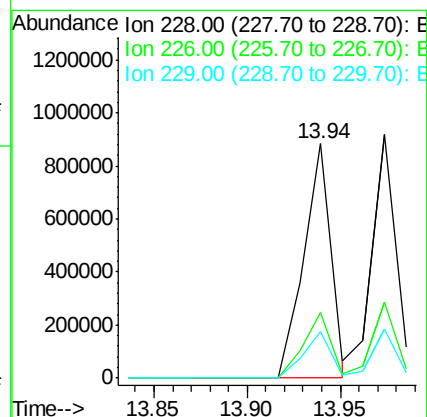
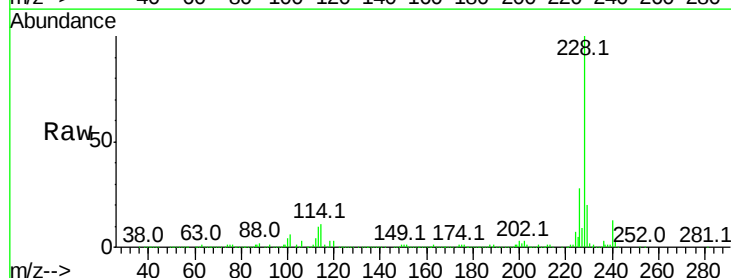
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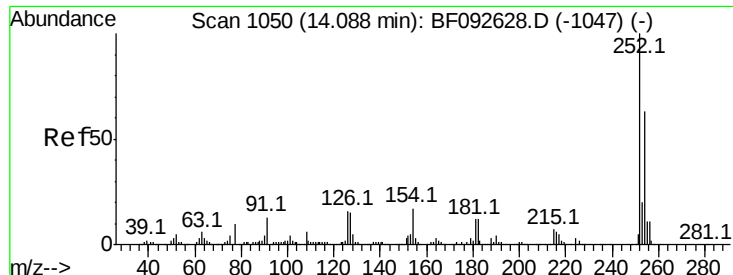
mohammad
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#80
Benzo(a)anthracene
Concen: 43.92 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	27.8	22.4	33.6	
229	19.6	16.2	24.4	





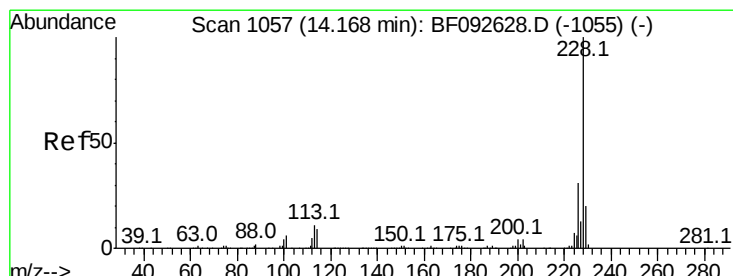
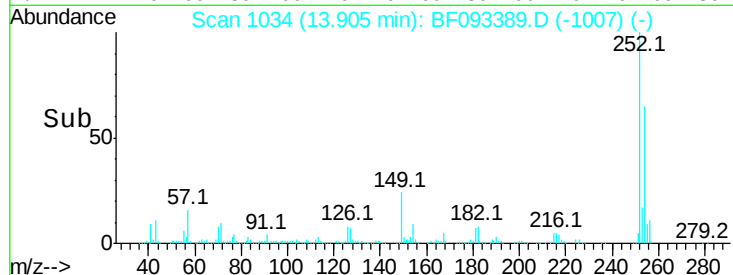
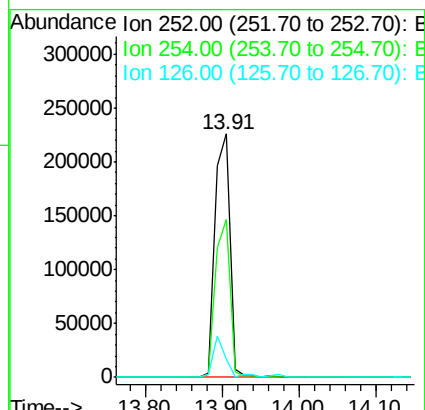
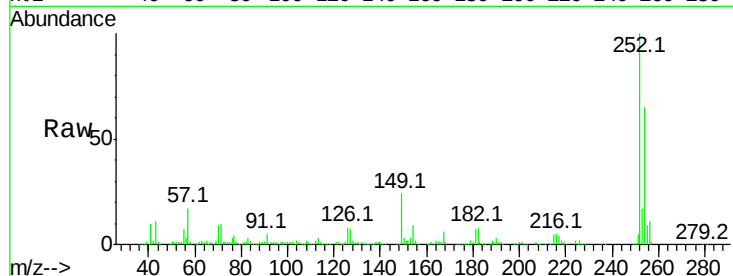
#81
 3,3'-Dichlorobenzidine
 Concen: 41.50 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: BF093389.D
 Acq: 4 Mar 2017 7:05

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-002-ABCDMS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	303220		
254	65.1	52.3	78.5	
126	7.6	13.6	20.4	

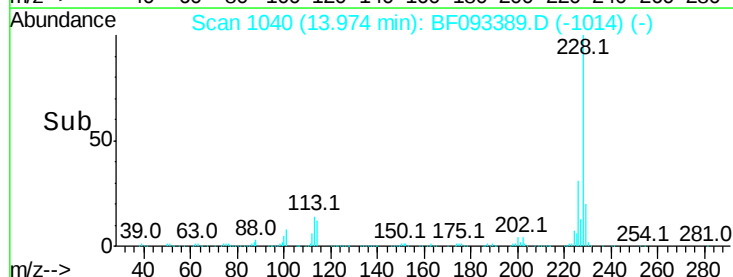
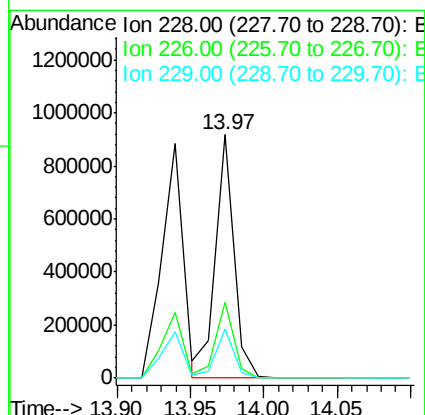
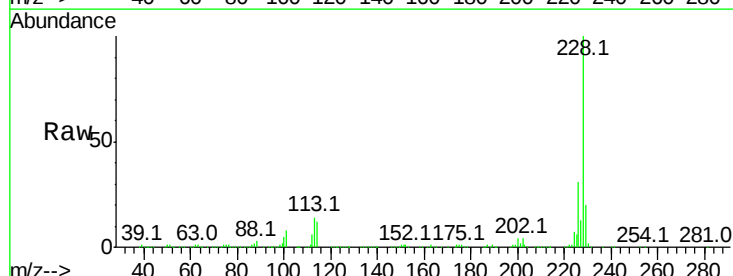
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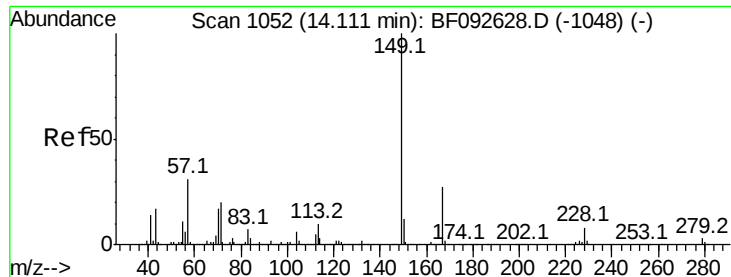
mohammad
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#82
 Chrysene
 Concen: 42.88 ng m
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF093389.D
 Acq: 4 Mar 2017 7:05

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	822798		
226	31.3	25.4	38.0	
229	19.9	16.2	24.2	





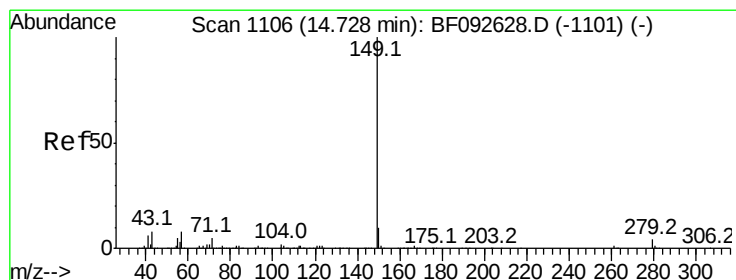
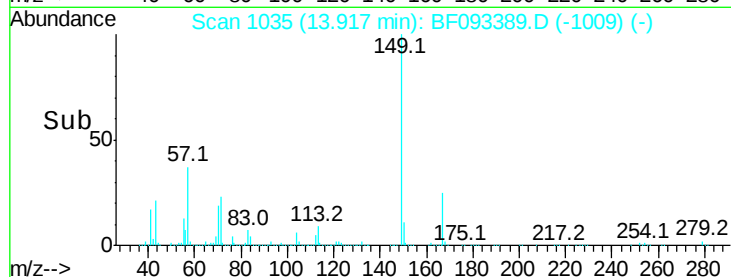
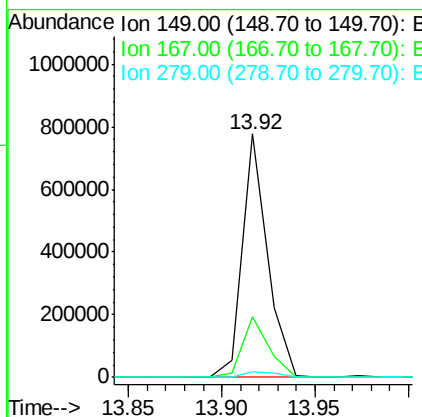
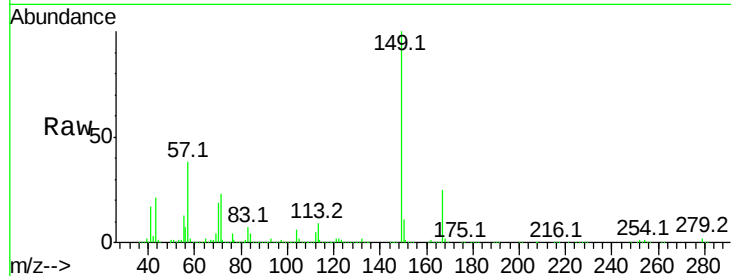
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.35 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF093389.D
 Acq: 4 Mar 2017 7:05

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-002-ABCDMS

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.0	20.2	30.4
279	2.0	1.8	2.8

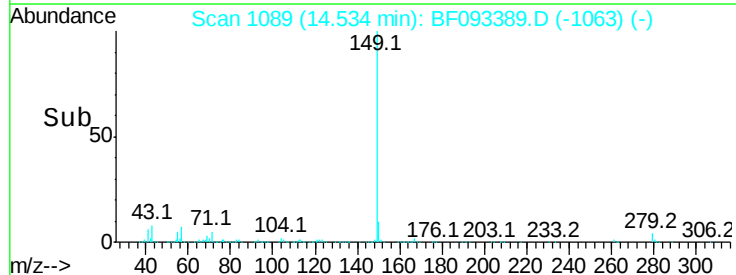
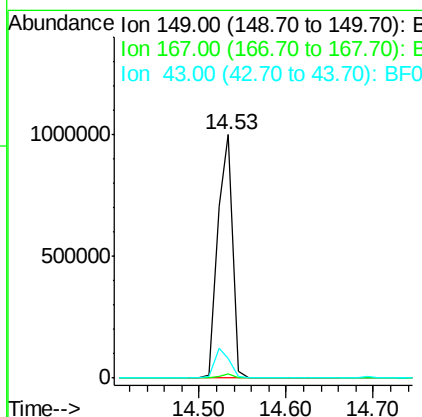
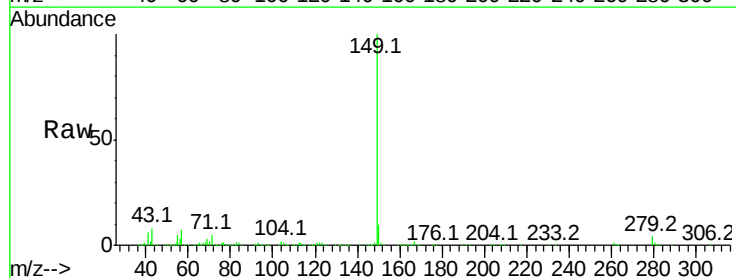
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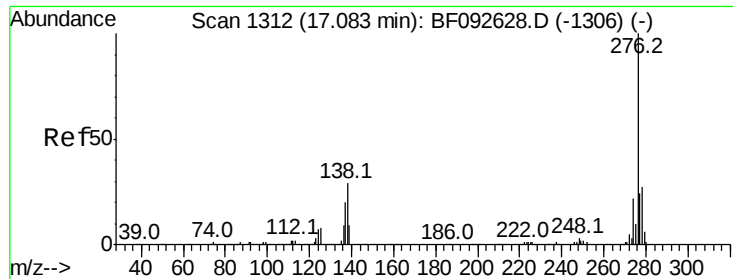
mohammad
 3/6/2017 4:23:51 PM



#84
 Di-n-octyl phthalate
 Concen: 53.22 ng
 RT: 14.53 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: BF093389.D
 Acq: 4 Mar 2017 7:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.1	8.9	13.3





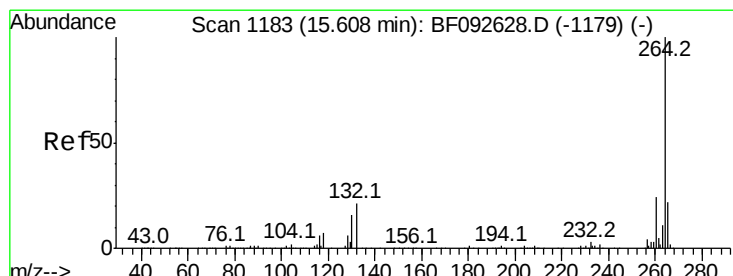
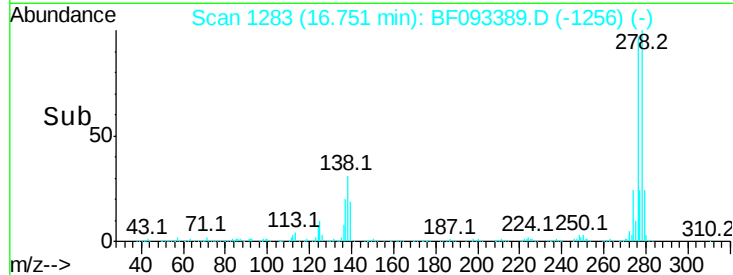
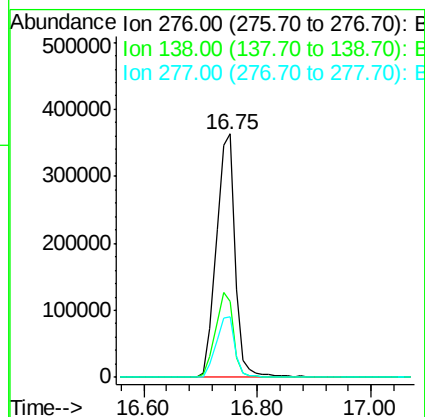
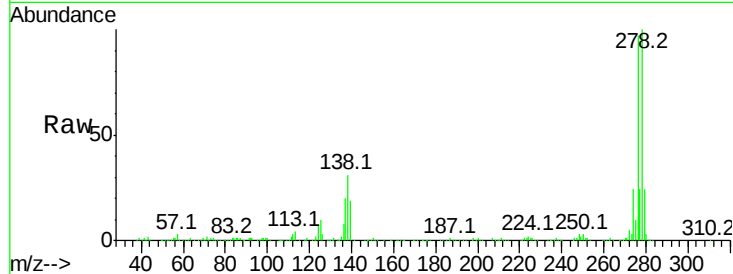
#85
Indeno(1,2,3-cd)pyrene
Concen: 55.80 ng
RT: 16.75 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-002-ABCDMS

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.9	21.8	32.6#
277	24.9	20.2	30.4

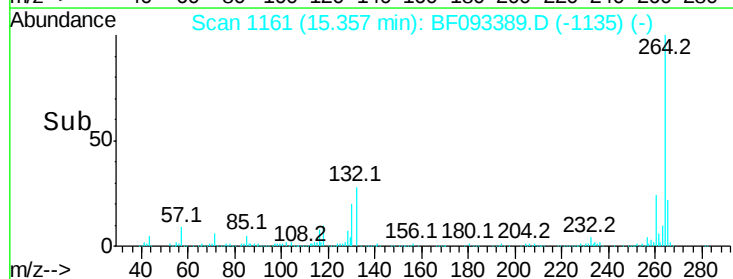
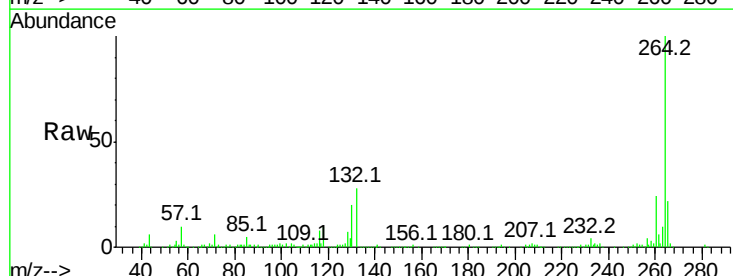
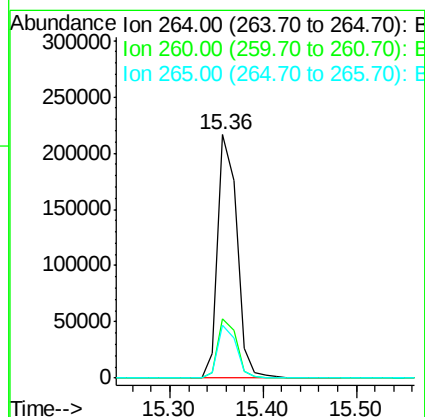
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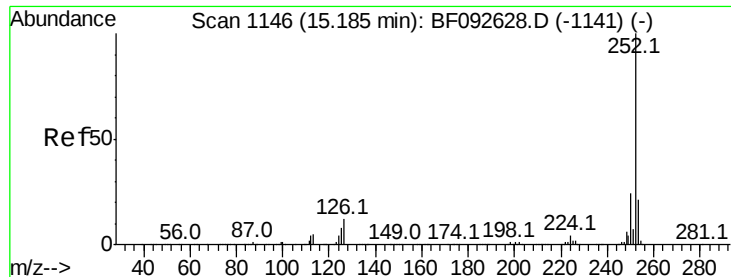
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.8	17.4	26.0





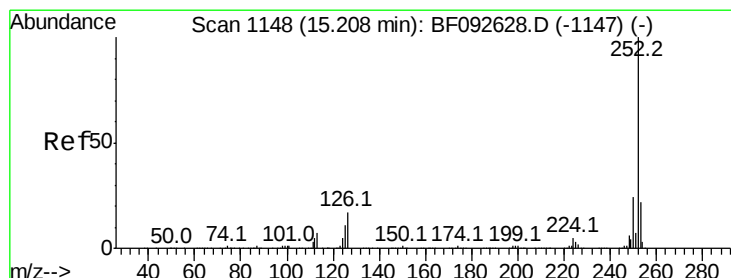
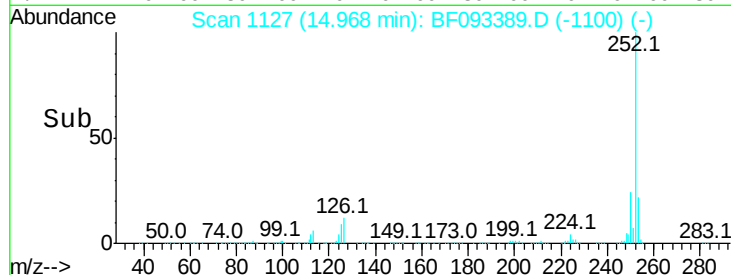
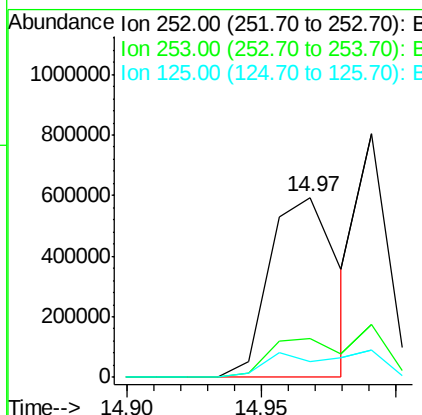
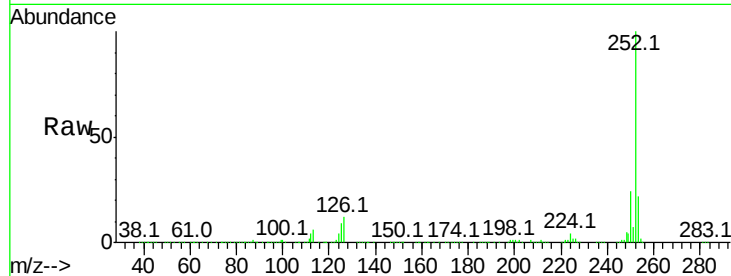
#87
Benzo(b)fluoranthene
Concen: 51.46 ng m
RT: 14.97 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-002-ABCDMS

Tot Ion:252 Resp: 1049558
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.4
125 9.1 9.8 14.6#

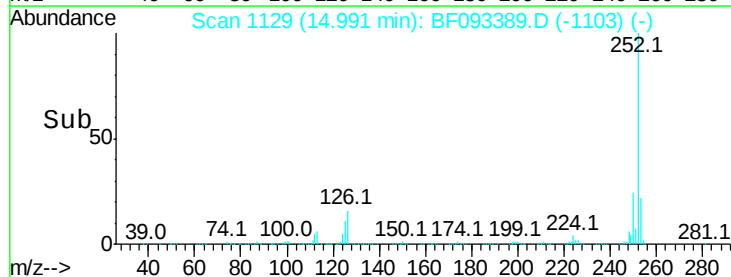
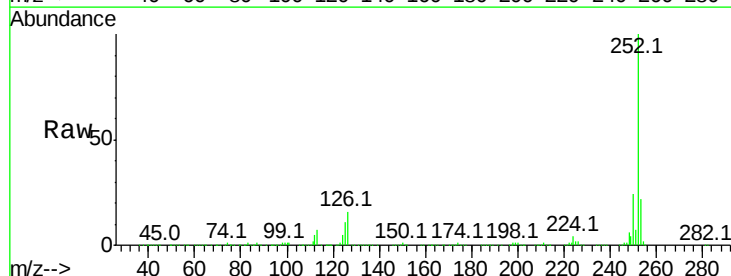
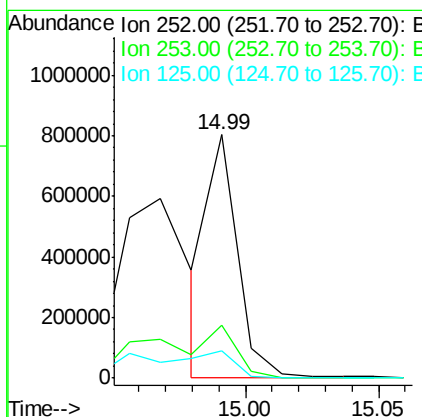
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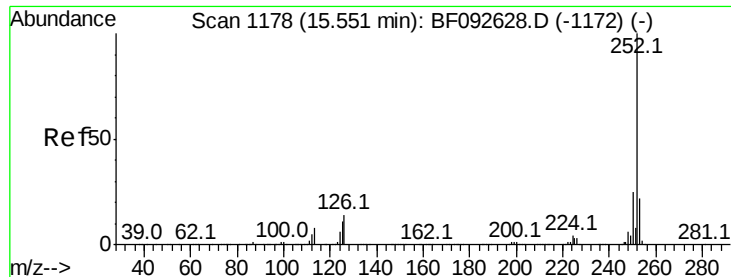
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#88
Benzo(k)fluoranthene
Concen: 36.18 ng m
RT: 14.99 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Tgt Ion:252 Resp: 637206
Ion Ratio Lower Upper
252 100
253 21.9 18.5 27.7
125 11.0 8.9 13.3





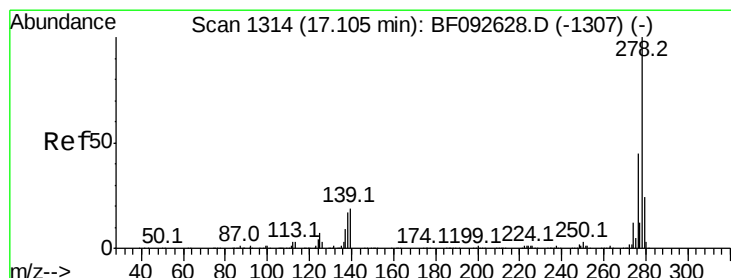
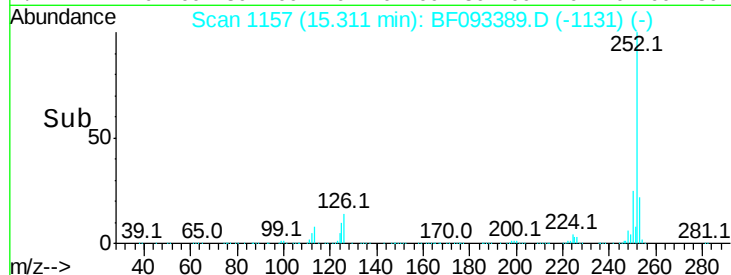
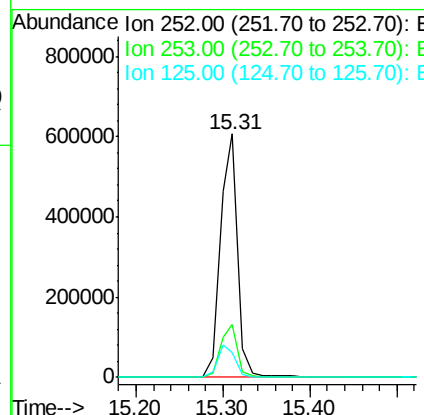
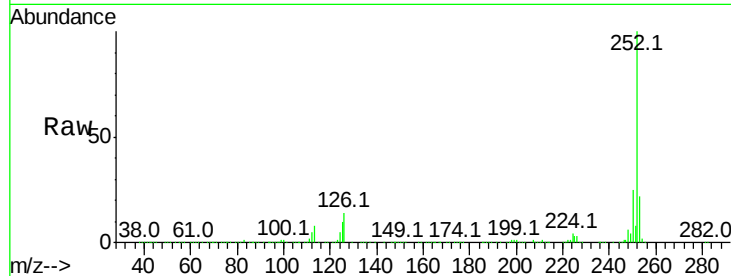
#89
Benzo(a)pyrene
Concen: 47.32 ng
RT: 15.31 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-002-ABCDMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.2
125	10.3	10.0	15.0

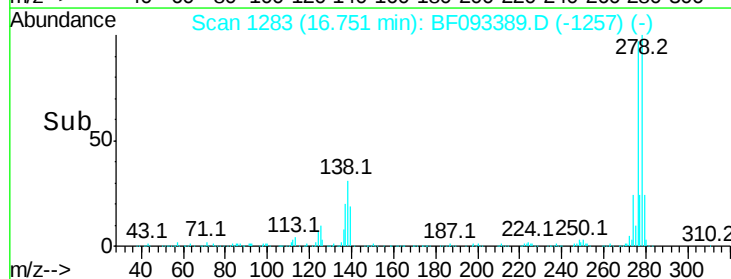
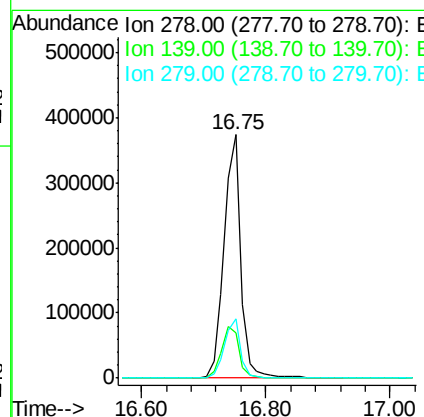
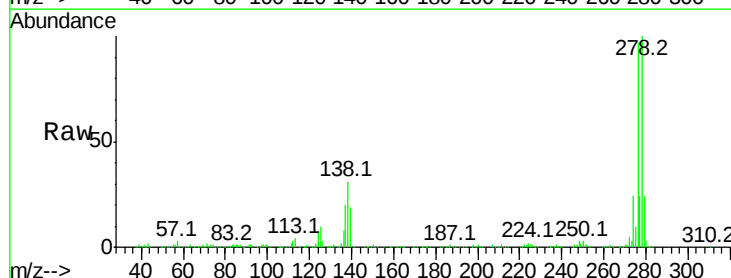
Manual Integrations
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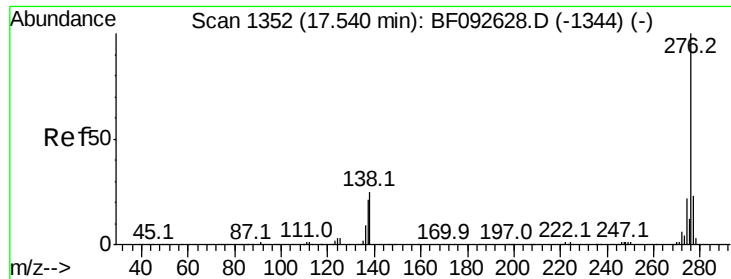
mohammad
3/6/2017 4:23:51 PM



#90
Dibenzo(a,h)anthracene
Concen: 48.70 ng
RT: 16.75 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF093389.D
Acq: 4 Mar 2017 7:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.7	14.8	22.2
279	24.4	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 49.09 ng
 RT: 17.15 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BF093389.D
 Acq: 4 Mar 2017 7:05

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-002-ABCDMS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.2	28.8
138	29.7	16.0	24.0

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