

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
 Data File : BF093390.D
 Acq On : 4 Mar 2017 7:32
 Operator : SJ/MA
 Sample : I2087-01MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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 3/6/2017 4:23:54 PM

Quant Time: Mar 06 00:08:38 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	178110	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	713985	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	316296	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	509490	20.00	ng	0.00
75) Chrysene-d12	13.94	240	303749	20.00	ng	-0.01
86) Perylene-d12	15.36	264	310321	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1509301	145.38	ng	0.02
7) Phenol-d6	6.44	99	1720355	128.79	ng	0.00
23) Nitrobenzene-d5	7.36	82	1249997	97.49	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	317863	138.95	ng	0.01
44) 2-Fluorobiphenyl	9.15	172	1693968	97.03	ng	0.00
78) Terphenyl-d14	12.89	244	1176661	91.02	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.36	88	221624	39.51	ng	# 84
3) Pyridine	3.06	79	530505	37.19	ng	# 80
4) n-Nitrosodimethylamine	3.02	42	348450	52.02	ng	# 86
6) Aniline	6.45	93	431953	23.71	ng	# 60
8) 2-Chlorophenol	6.58	128	547930	47.84	ng	# 91
9) Benzaldehyde	6.33	77	156271	16.33	ng	# 84
10) Phenol	6.45	94	771709	49.38	ng	# 92
11) bis(2-Chloroethyl)ether	6.52	93	572485	45.89	ng	# 88
12) 1,3-Dichlorobenzene	6.73	146	610035	45.47	ng	# 98
13) 1,4-Dichlorobenzene	6.80	146	607939	44.78	ng	# 99
14) 1,2-Dichlorobenzene	6.96	146	566594	43.64	ng	# 98
15) Benzyl Alcohol	6.94	79	459332	46.45	ng	# 99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	960201	44.31	ng	# 80
17) 2-Methylphenol	7.06	107	450018	45.80	ng	# 94
18) Hexachloroethane	7.29	117	210410	45.40	ng	# 85
19) n-Nitroso-di-n-propylamine	7.21	70	402665	47.35	ng	# 95
20) 3+4-Methylphenols	7.22	107	613780	52.25	ng	# 78
22) Acetophenone	7.21	105	791565	48.56	ng	# 97
24) Nitrobenzene	7.38	77	634109	48.17	ng	# 99
25) Isophorone	7.62	82	1192394	49.91	ng	# 95
26) 2-Nitrophenol	7.70	139	334164	53.40	ng	# 91
27) 2,4-Dimethylphenol	7.74	122	537492	48.90	ng	# 96
28) bis(2-Chloroethoxy)methane	7.82	93	728768	46.06	ng	# 98
29) 2,4-Dichlorophenol	7.95	162	475178	46.36	ng	# 97
30) 1,2,4-Trichlorobenzene	8.02	180	498517	45.13	ng	# 96
31) Naphthalene	8.10	128	1613110	44.57	ng	# 99
32) Benzoic acid	7.89	122	204291	35.07	ng	# 99
33) 4-Chloroaniline	8.16	127	216636	15.26	ng	# 99
34) Hexachlorobutadiene	8.21	225	255737	42.08	ng	# 98
35) Caprolactam	8.53	113	157339	48.80	ng	# 30
36) 4-Chloro-3-methylphenol	8.66	107	538554	50.39	ng	# 93
37) 2-Methylnaphthalene	8.78	142	989019	42.56	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	462779	52.12	ng	# 100
40) Hexachlorocyclopentadiene	8.93	237	150045	37.46	ng	# 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	302330	51.82	nq	91
43) 2,4,5-Trichlorophenol	9.13	196	314615	49.22	nq	# 86
45) 1,1'-Biphenyl	9.25	154	1275621	55.70	nq	98
46) 2-Chloronaphthalene	9.28	162	960588	53.61	nq	97
47) 2-Nitroaniline	9.38	65	315171	52.32	nq	90
48) Acenaphthylene	9.69	152	1373509	44.38	nq	99
49) Dimethylphthalate	9.55	163	1281502	60.15	nq	98
50) 2,6-Dinitrotoluene	9.63	165	251197	54.60	nq	# 77
51) Acenaphthene	9.86	154	849780	45.92	nq	95
52) 3-Nitroaniline	9.79	138	151589	28.79	nq	95
53) 2,4-Dinitrophenol	9.92	184	143392	62.37	nq	# 77
54) Dibenzofuran	10.03	168	1149681	46.45	nq	96
55) 4-Nitrophenol	9.98	139	292606	77.16	nq	# 81
56) 2,4-Dinitrotoluene	10.03	165	265992	43.42	nq	# 72
57) Fluorene	10.37	166	945409	49.65	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.16	232	222602	52.20	nq	99
59) Diethylphthalate	10.25	149	1018291	50.72	nq	100
60) 4-Chlorophenyl-phenylether	10.36	204	419276	45.83	nq	91
61) 4-Nitroaniline	10.41	138	221470	41.07	nq	94
62) Azobenzene	10.52	77	1246679	60.10	nq	97
64) 4,6-Dinitro-2-methylphenol	10.45	198	127030	41.35	nq	92
65) n-Nitrosodiphenylamine	10.49	169	845274	51.93	nq	99
66) 4-Bromophenyl-phenylether	10.85	248	268624	50.47	nq	# 88
67) Hexachlorobenzene	10.92	284	245934	46.75	nq	# 93
68) Atrazine	11.01	200	242649	46.46	nq	99
69) Pentachlorophenol	11.13	266	206503	76.40	nq	96
70) Phenanthrene	11.33	178	1317260	45.13	nq	99
71) Anthracene	11.38	178	1310854	44.72	nq	100
72) Carbazole	11.54	167	1151323	41.09	nq	100
73) Di-n-butylphthalate	11.87	149	1615365	53.31	nq	# 96
74) Fluoranthene	12.52	202	1182077	39.26	nq	93
76) Benzidine	12.65	184	371677	28.72	nq	95
77) Pyrene	12.75	202	1162350	51.13	nq	98
79) Butylbenzylphthalate	13.36	149	511515	55.41	nq	99
80) Benzo(a)anthracene	13.94	228	868234	46.74	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	275113	41.54	nq	98
82) Chrysene	13.97	228	839982	48.29	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	690234	54.68	nq	98
84) Di-n-octyl phthalate	14.52	149	1130204	54.98	nq	98
85) Indeno(1,2,3-cd)pyrene	16.75	276	880472	65.35	nq	# 92
87) Benzo(b)fluoranthene	14.96	252	815954m	39.95	nq	
88) Benzo(k)fluoranthene	14.99	252	867059m	49.17	nq	
89) Benzo(a)pyrene	15.30	252	838729	47.47	nq	# 96
90) Dibenzo(a,h)anthracene	16.75	278	750080	52.53	nq	99
91) Benzo(g,h,i)perylene	17.15	276	764349	52.99	nq	# 89

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

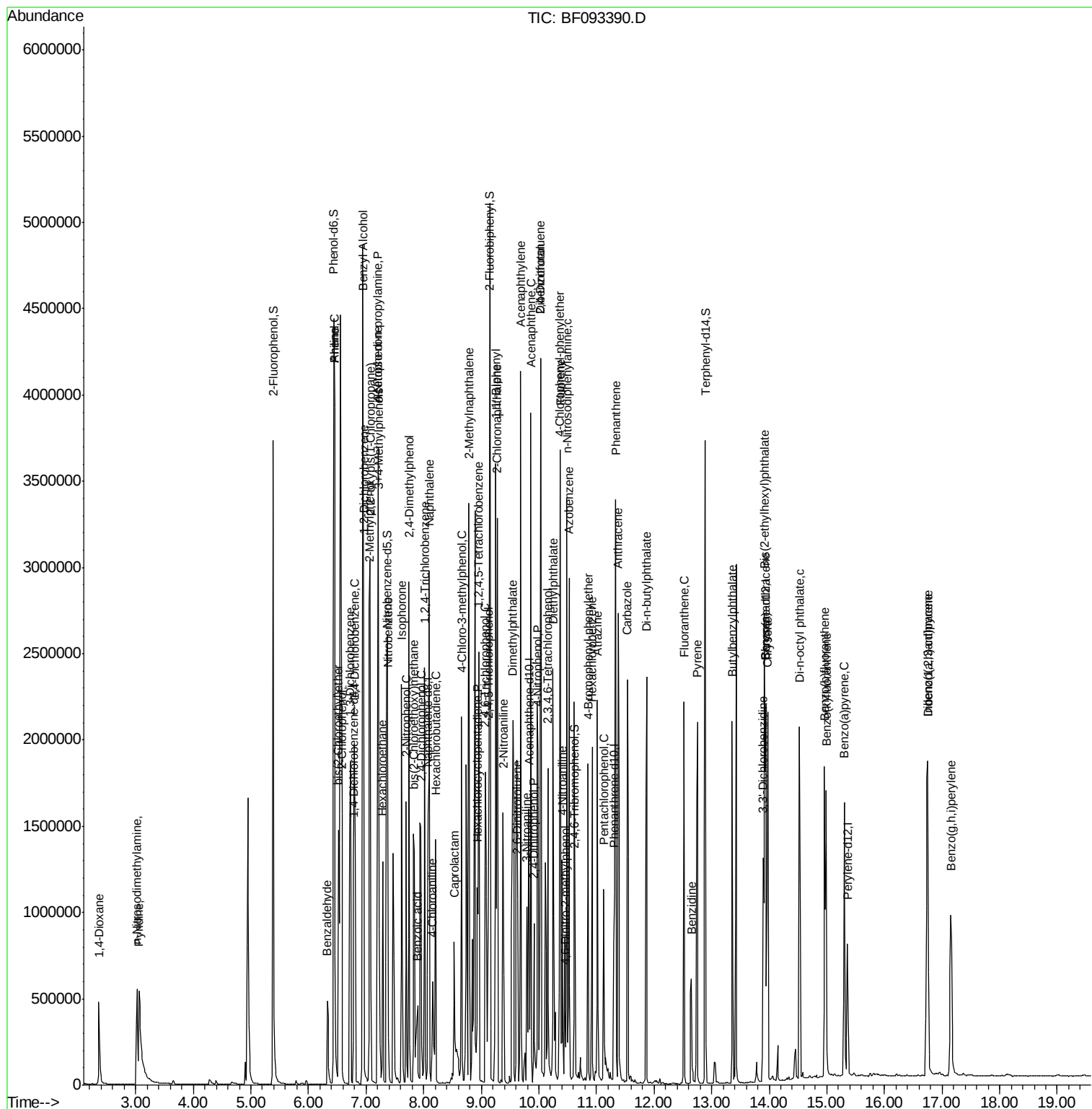
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
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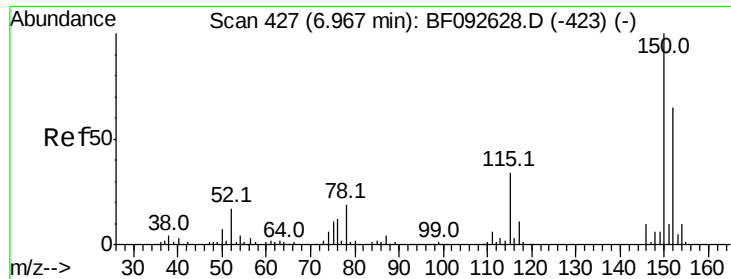
Instrument :
BNA_F
ClientSampleId :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

Instrument :

BNA_F

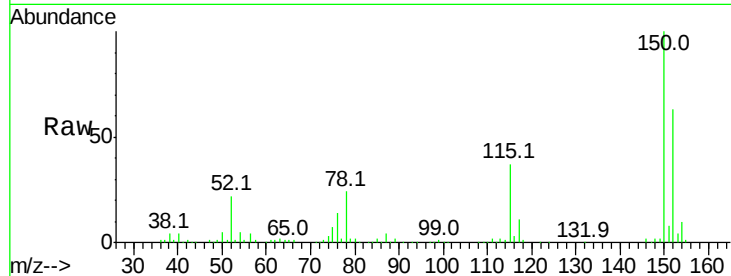
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FK-BPM-02-002-ABCDMSD

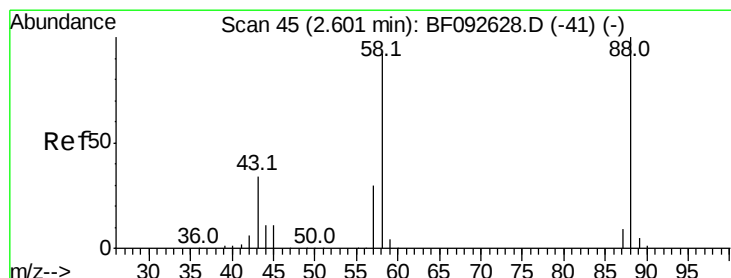
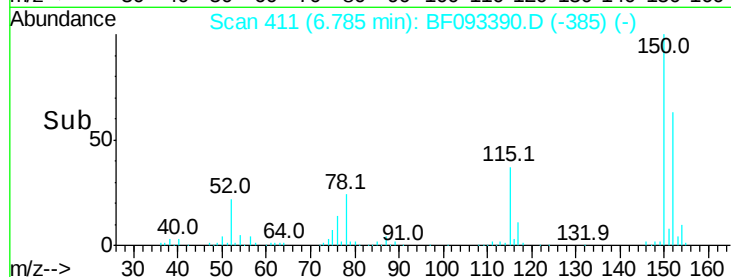
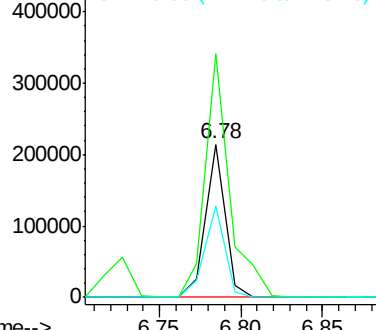
Tot Ion:	152	Resp:	178110
Ion Ratio	Lower	Upper	
152	100		
150	158.7	124.9	187.3
115	59.2	46.0	69.0

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



#2

1,4-Dioxane

Concen: 39.51 ng

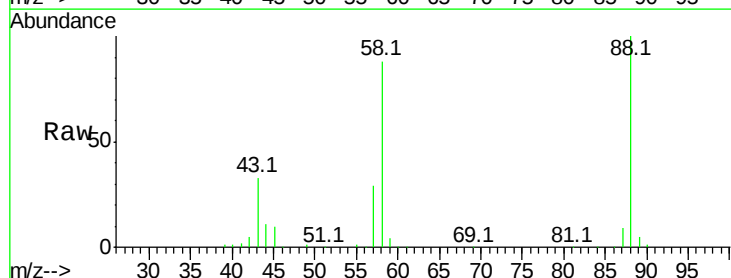
RT: 2.36 min Scan# 24

Delta R.T. 0.07 min

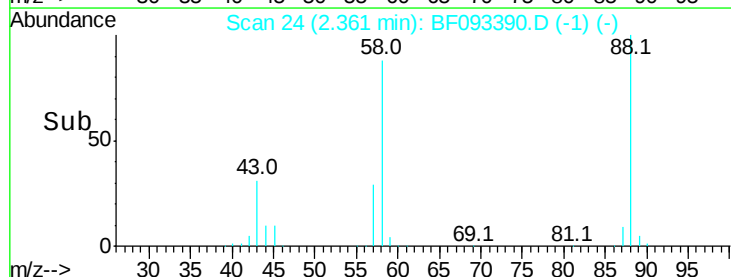
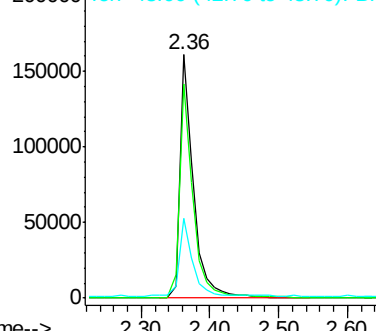
Lab File: BF093390.D

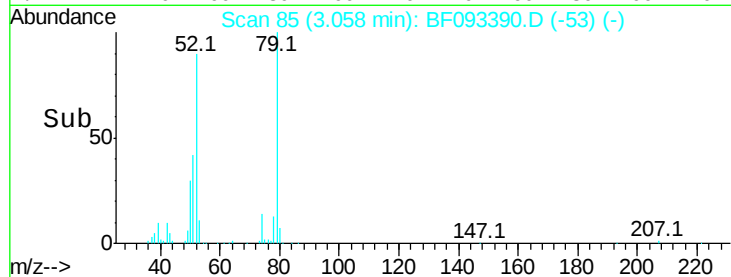
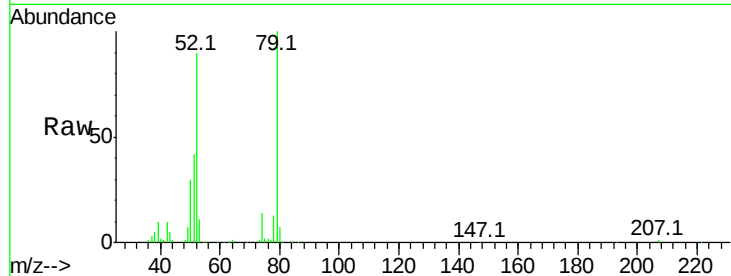
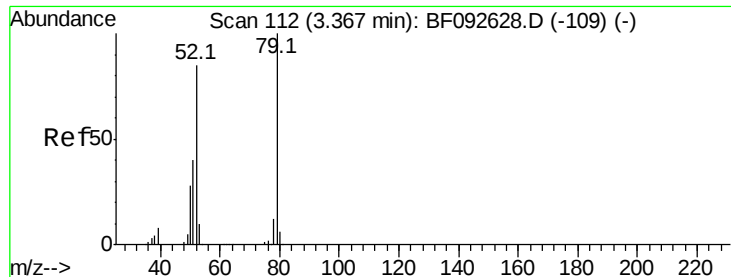
Acq: 4 Mar 2017 7:32

Tgt Ion:	88	Resp:	221624
Ion Ratio	Lower	Upper	
88	100		
58	88.1	57.8	86.8#
43	32.2	22.3	33.5



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





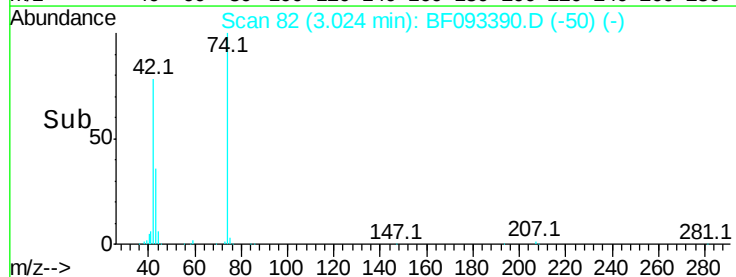
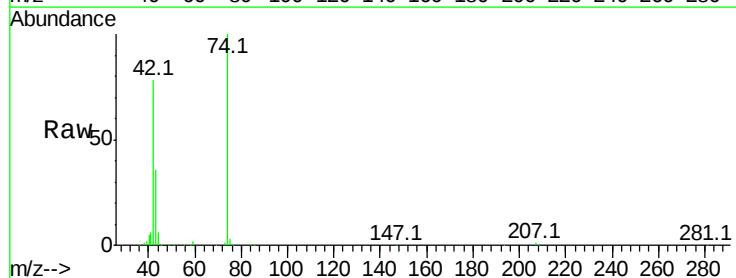
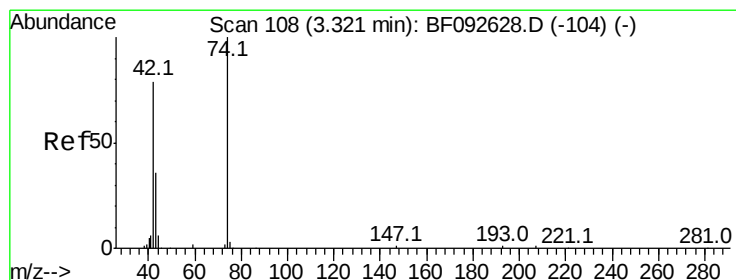
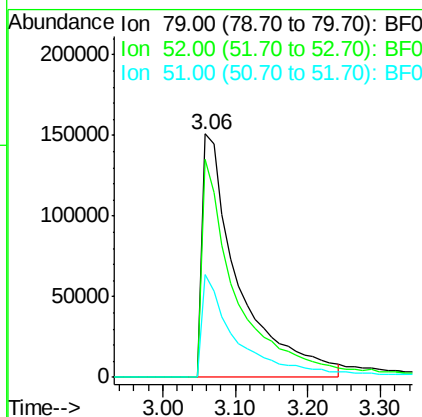
#3
Pvridine
Concen: 37.19 ng
RT: 3.06 min Scan# 85
Delta R.T. 0.07 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

Tot Ion	Ratio	Lower	Upper
79	100		
52	89.7	57.1	85.7#
51	42.4	27.3	40.9#

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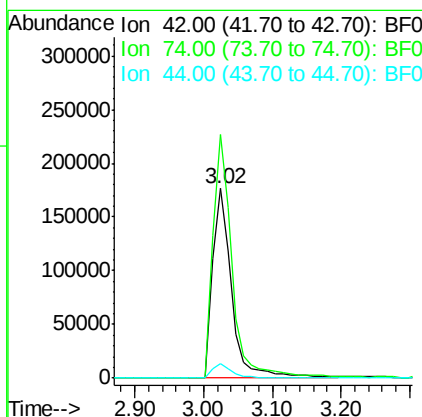
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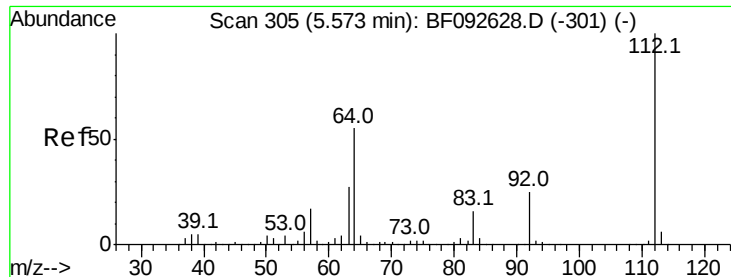
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#4
n-Nitrosodimethylamine
Concen: 52.02 ng
RT: 3.02 min Scan# 82
Delta R.T. 0.07 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

Tgt Ion	Ratio	Lower	Upper
42	100		
74	128.7	117.0	175.4
44	7.7	5.5	8.3





#5

2-Fluorophenol

Concen: 145.38 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.02 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

Instrument :

BNA_F

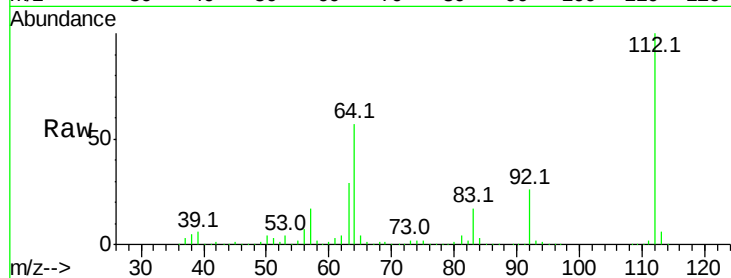
ClientSampleId :

FK-BPM-02-002-ABCDMSD

Tot Ion:	112	Resp:	1509301
Ion	Ratio	Lower	Upper
112	100		
64	57.0	46.1	69.1
63	28.6	23.8	35.6

Manual Integrations
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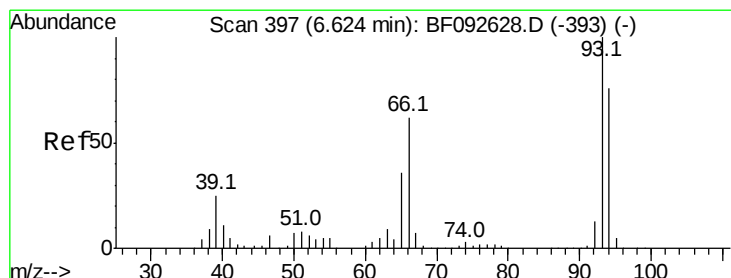
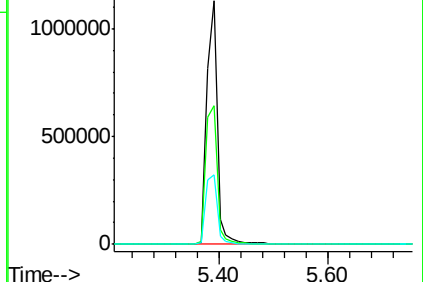
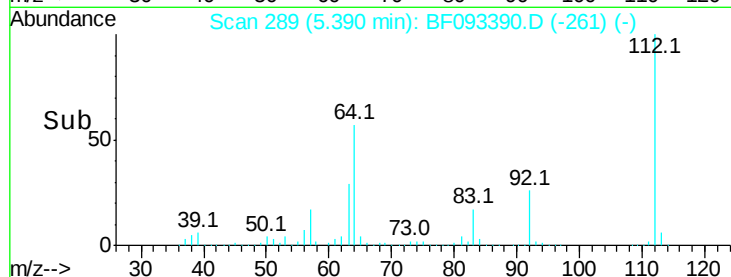
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.71 ng

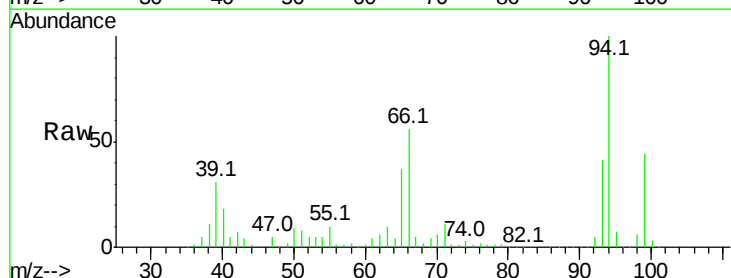
RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

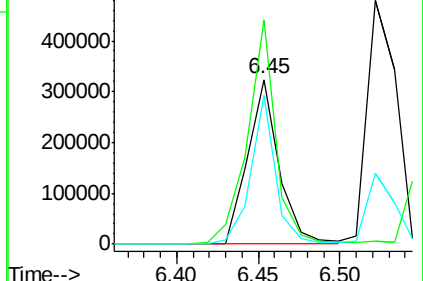
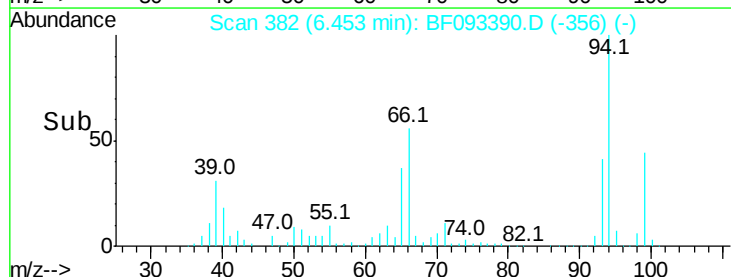
Tgt Ion:	93	Resp:	431953
Ion	Ratio	Lower	Upper
93	100		
66	136.0	76.2	114.2#
65	90.4	49.3	73.9#

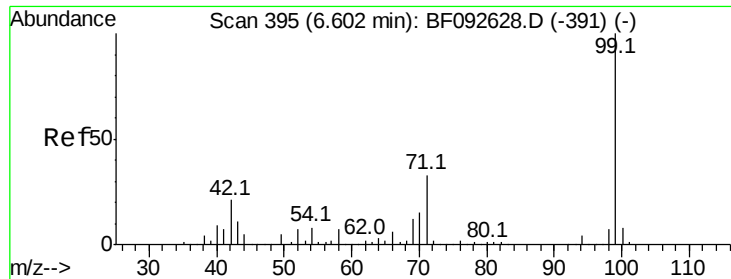


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 128.79 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-002-ABCDMSD

Tot Ion: 99 Resp: 1720355

Ion Ratio Lower Upper

99 100

42 20.7 15.6 23.4

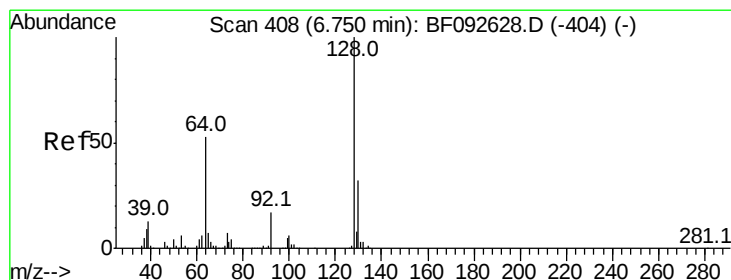
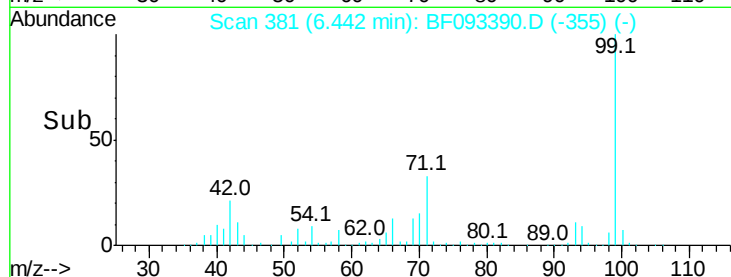
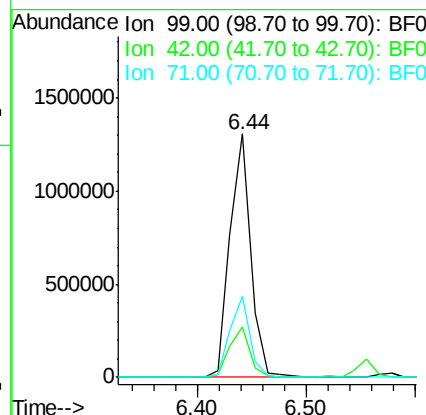
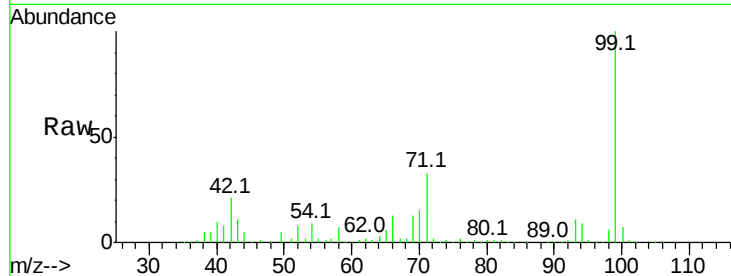
71 33.2 27.5 41.3

Manual Integrations

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#8

2-Chlorophenol

Concen: 47.84 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.01 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

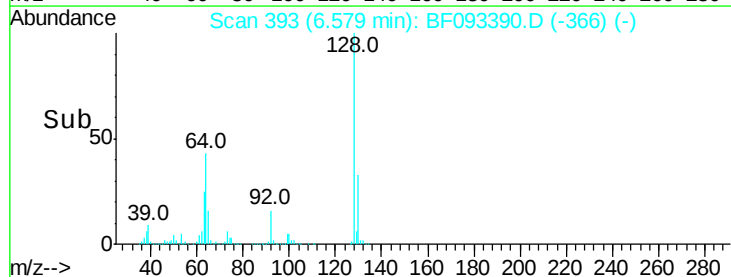
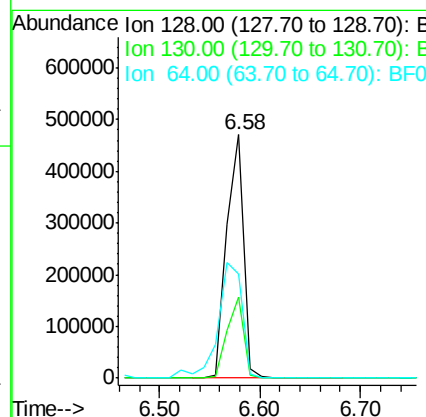
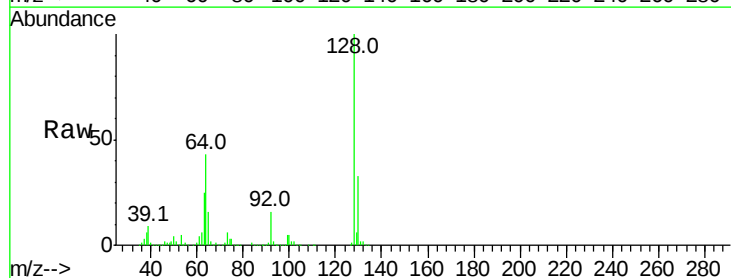
Tgt Ion:128 Resp: 547930

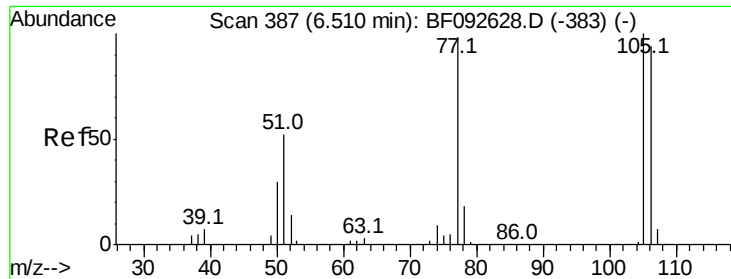
Ion Ratio Lower Upper

128 100

130 33.4 12.3 52.3

64 43.0 32.2 72.2





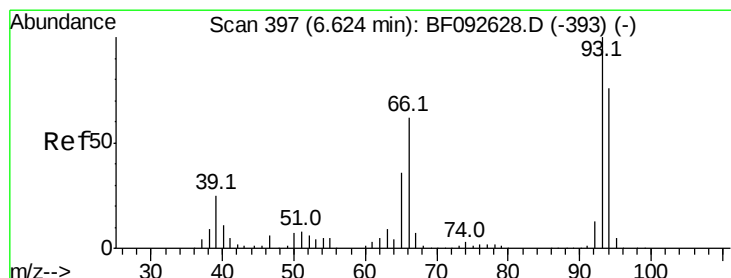
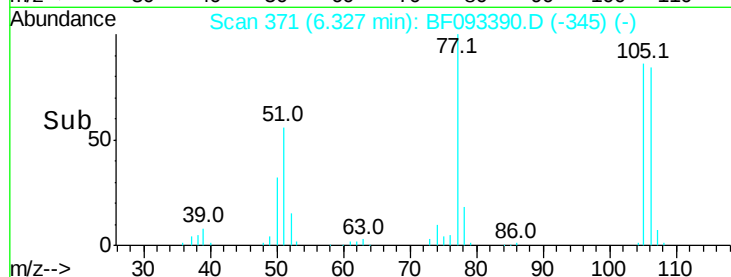
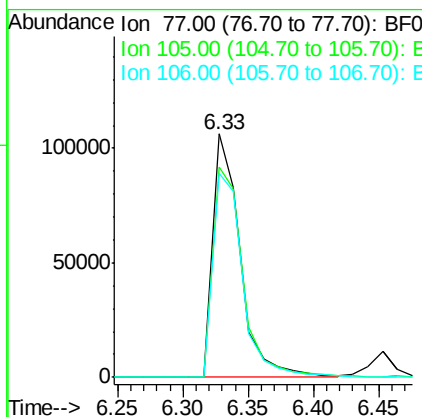
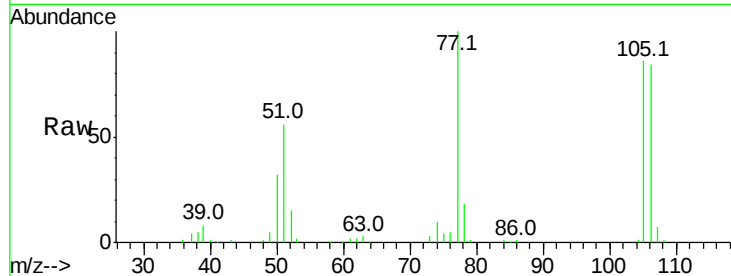
#9
Benzaldehyde
Concen: 16.33 ng
RT: 6.33 min Scan# 371
Delta R.T. 0.00 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

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

Tot Ion: 77 Resp: 156271
Ion Ratio Lower Upper
77 100
105 86.2 83.9 123.9
106 83.8 77.6 117.6

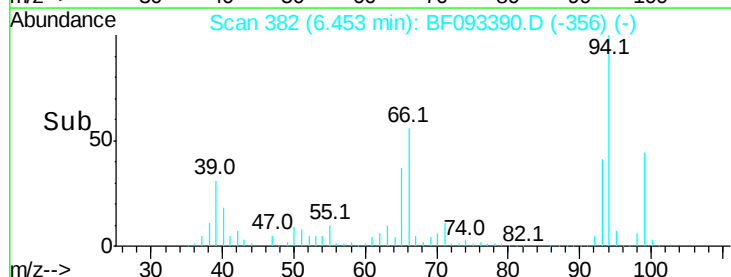
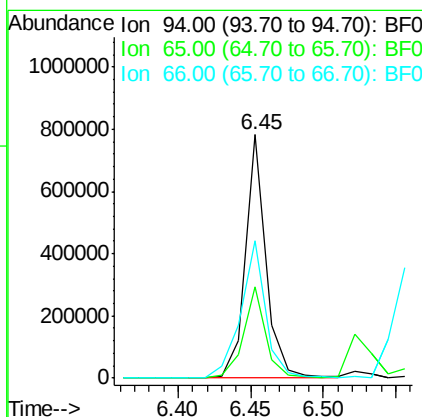
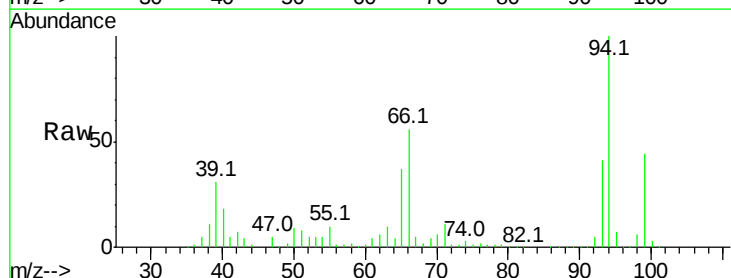
Manual Integrations
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#10
Phenol
Concen: 49.38 ng
RT: 6.45 min Scan# 382
Delta R.T. 0.00 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

Tgt Ion: 94 Resp: 771709
Ion Ratio Lower Upper
94 100
65 37.5 21.4 61.4
66 56.3 44.0 84.0





#11

bis(2-Chloroethyl)ether

Concen: 45.89 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

Instrument :

BNA_F

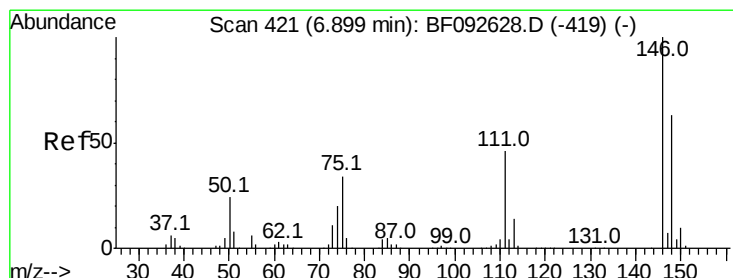
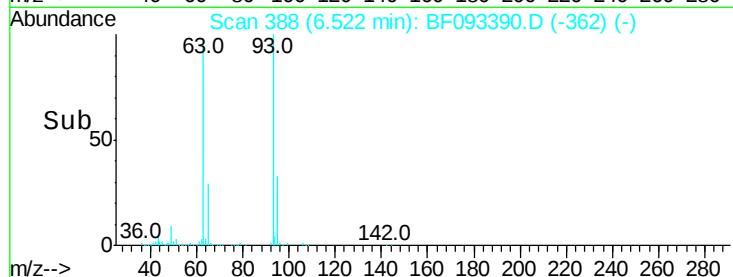
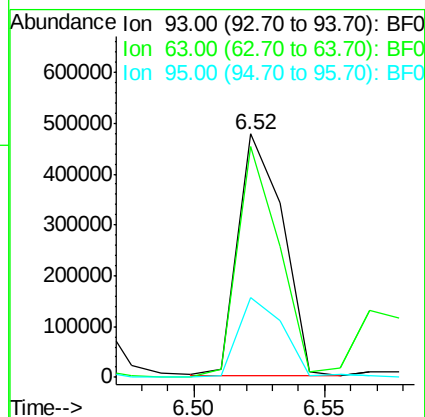
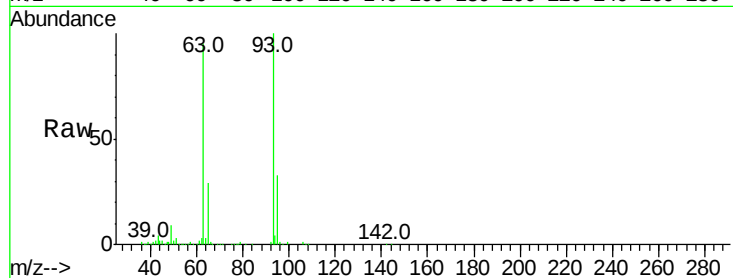
ClientSampleId :

FK-BPM-02-002-ABCDMSD

Tot Ion:	93	Resp:	572485
Ion Ratio	Lower	Upper	
93	100		
63	94.7	60.4	100.4
95	32.7	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 45.47 ng

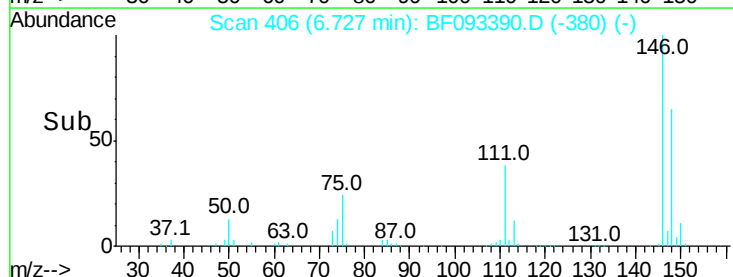
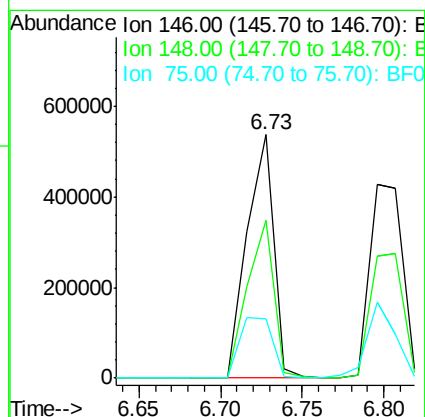
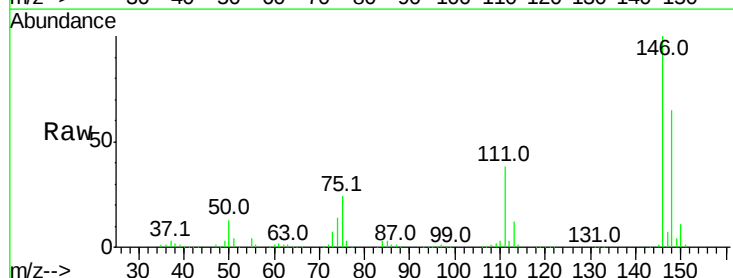
RT: 6.73 min Scan# 406

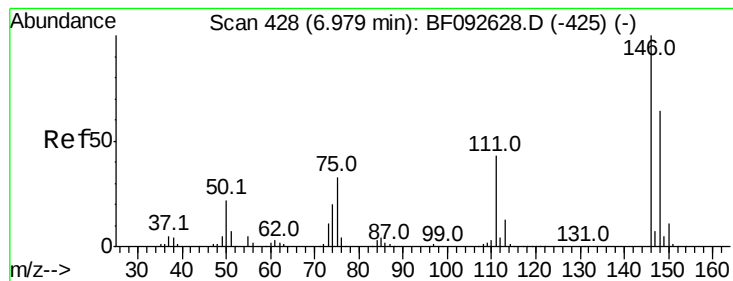
Delta R.T. 0.00 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

Tgt Ion:	146	Resp:	610035
Ion Ratio	Lower	Upper	
146	100		
148	64.7	53.4	80.0
75	24.2	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 44.78 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.01 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

Instrument :

BNA_F

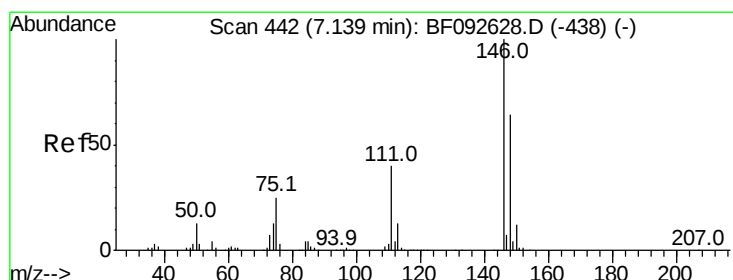
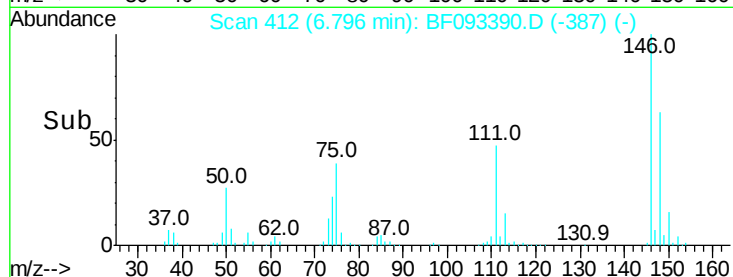
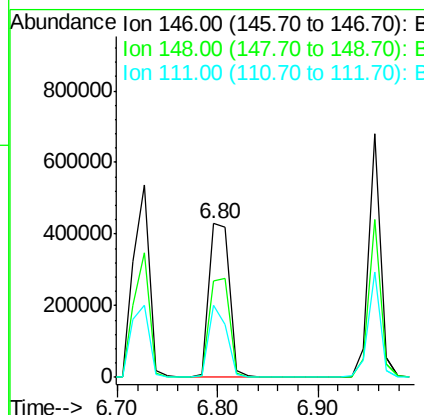
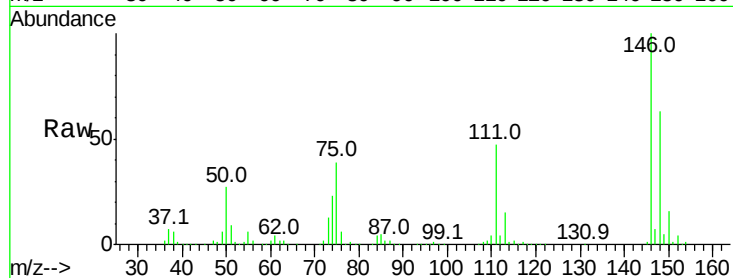
ClientSampleId :

FK-BPM-02-002-ABCDMSD

Tot Ion:	146	Resp:	607939
Ion Ratio	Lower	Upper	
146	100		
148	62.8	50.6	76.0
111	46.5	36.2	54.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 43.64 ng

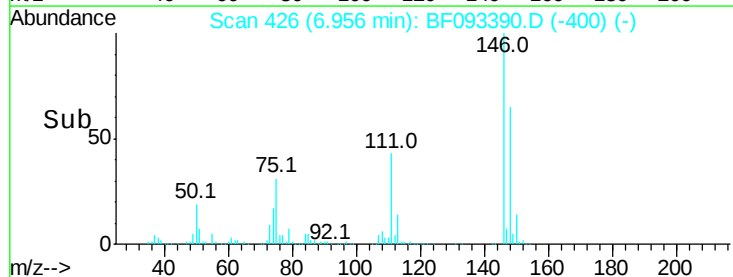
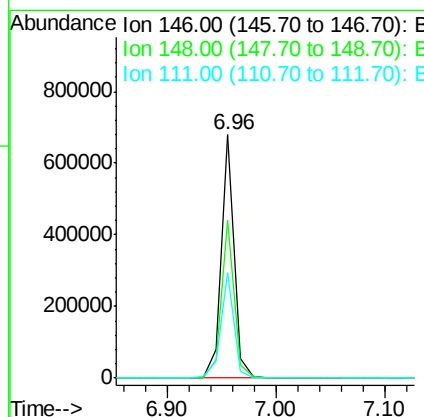
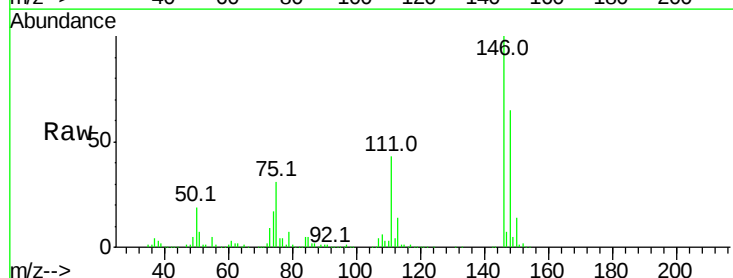
RT: 6.96 min Scan# 426

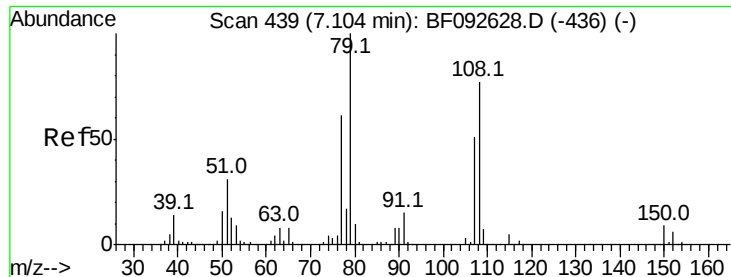
Delta R.T. 0.00 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

Tgt Ion:	146	Resp:	566594
Ion Ratio	Lower	Upper	
146	100		
148	64.7	52.2	78.2
111	43.0	36.2	54.2





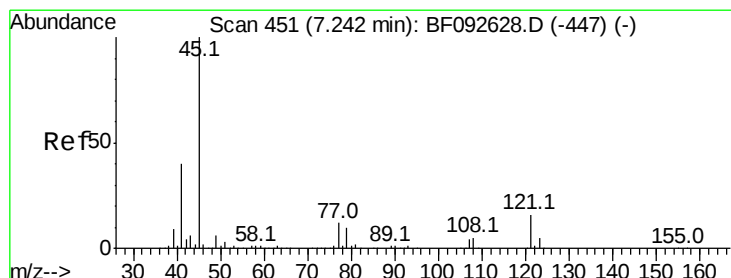
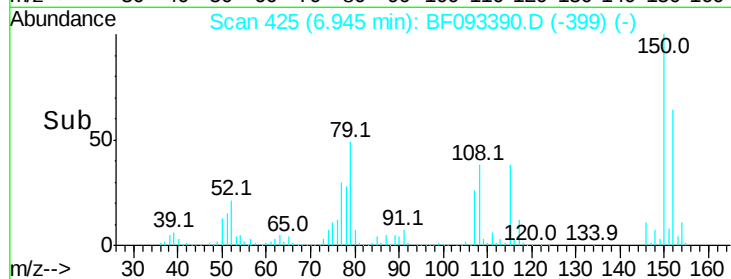
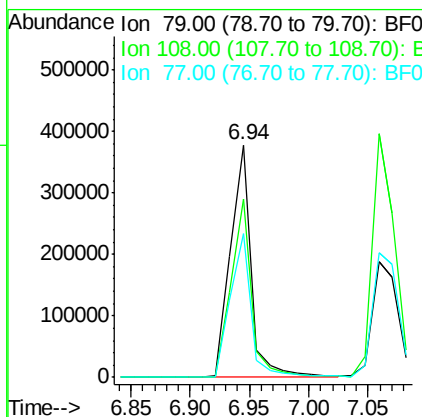
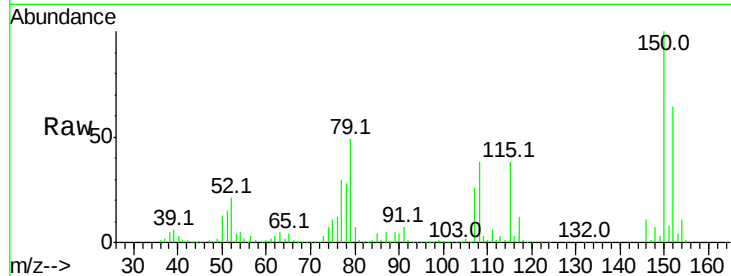
#15
Benzyl Alcohol
Concen: 46.45 ng
RT: 6.94 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

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

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.1	61.4	92.0
77	61.9	50.9	76.3

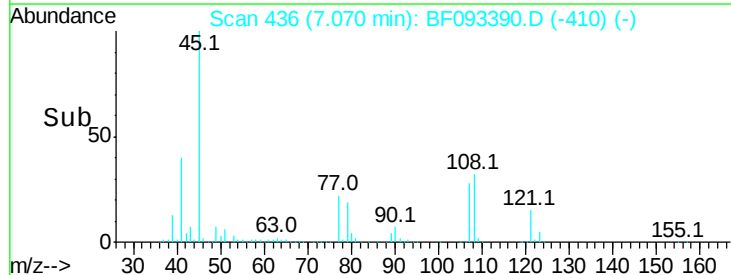
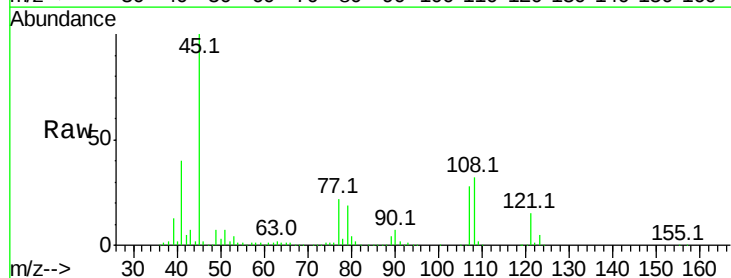
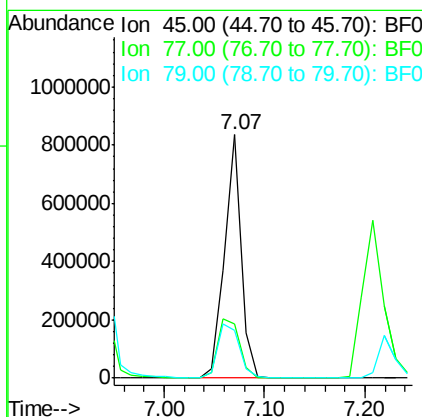
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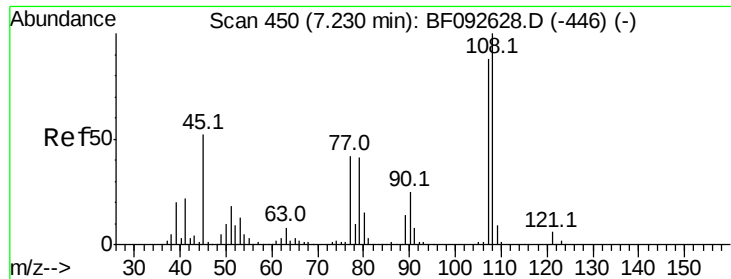
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.31 ng
RT: 7.07 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

Tgt Ion	Ratio	Lower	Upper
45	100		
77	22.0	0.0	34.6
79	19.5	0.0	31.2





#17

2-Methylphenol

Concen: 45.80 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

Instrument :

BNA_F

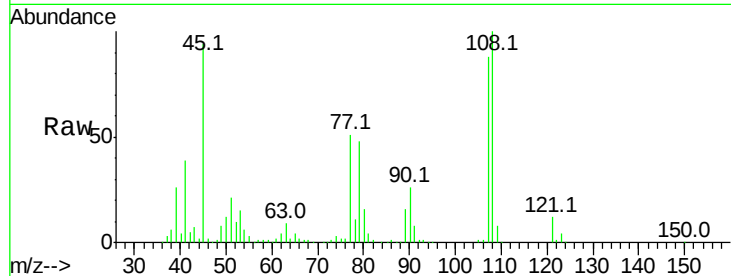
ClientSampleId :

FK-BPM-02-002-ABCDMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	450018		
108	114.1	93.0	139.6	
77	58.2	39.8	59.8	
79	54.2	38.0	57.0	

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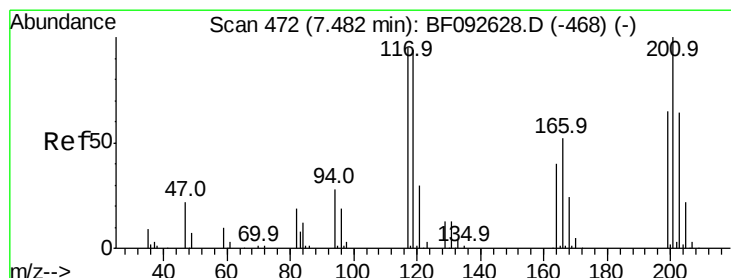
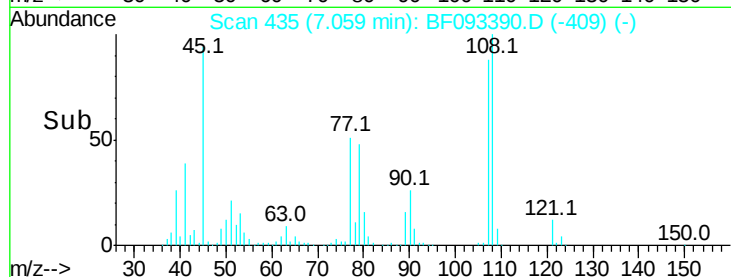
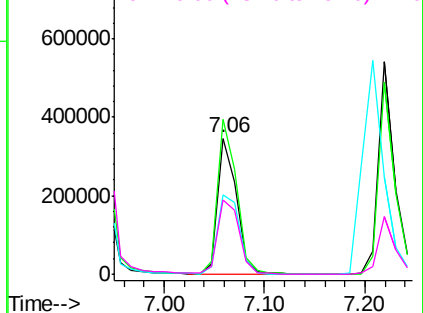
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 45.40 ng

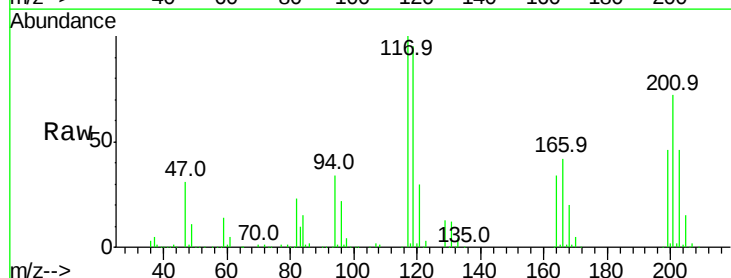
RT: 7.29 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	210410		
119	95.2	78.1	117.1	
201	71.9	78.6	117.8#	

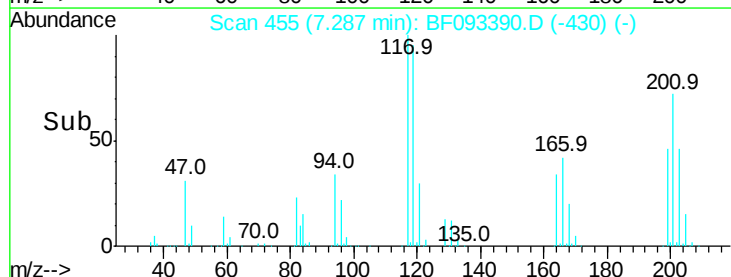
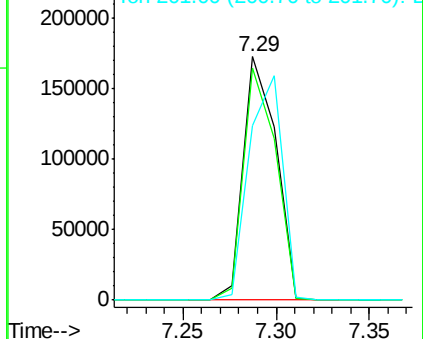


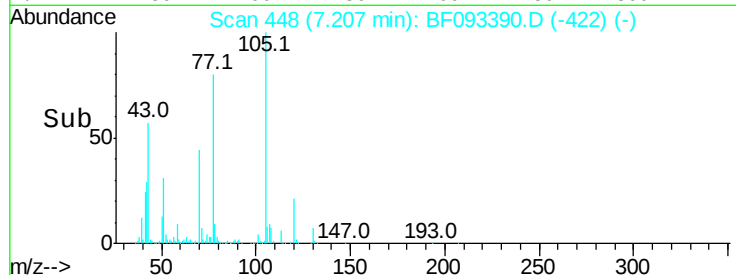
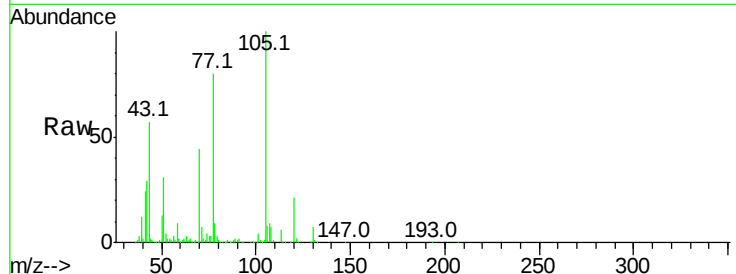
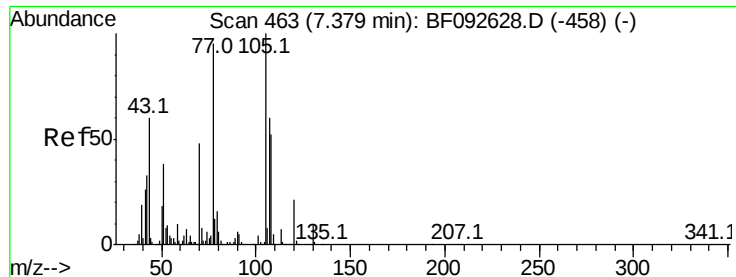
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





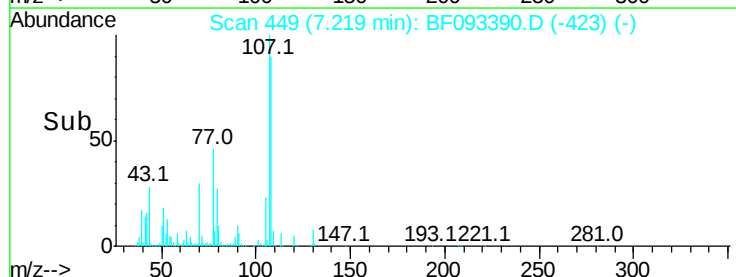
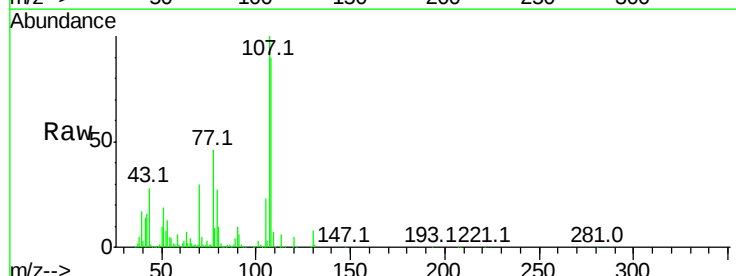
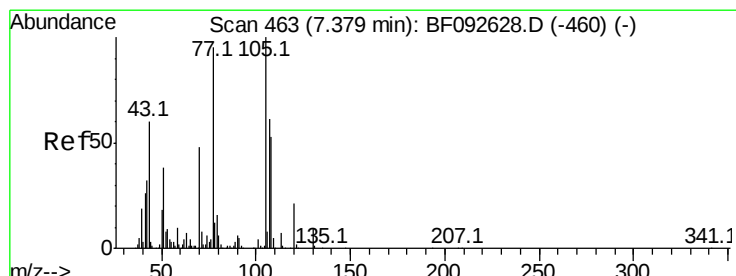
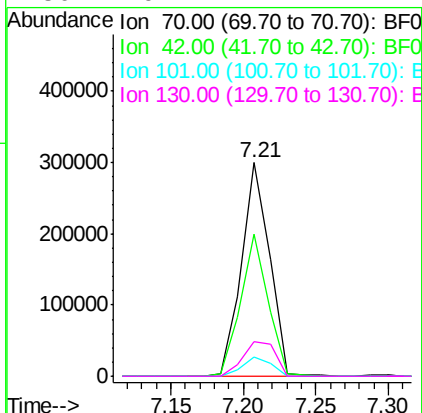
#19
n-Nitroso-di-n-propylamine
Concen: 47.35 ng
RT: 7.21 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

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

Tot Ion	Ratio	Lower	Upper
70	100		
42	66.5	49.4	74.0
101	9.1	7.4	11.2
130	16.2	14.2	21.4

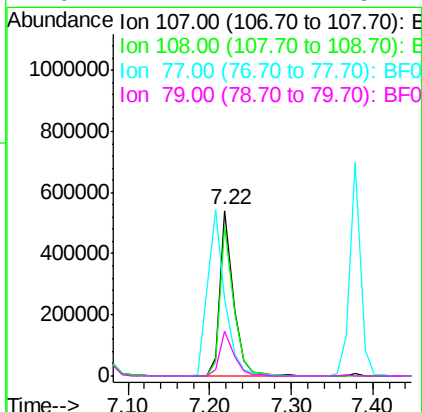
Manual Integrations
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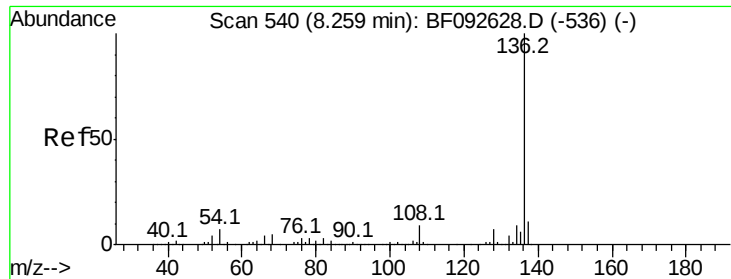
mohammad
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#20
3+4-Methylphenols
Concen: 52.25 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.4	73.0	113.0
77	46.1	71.3	111.3#
79	27.4	11.1	51.1





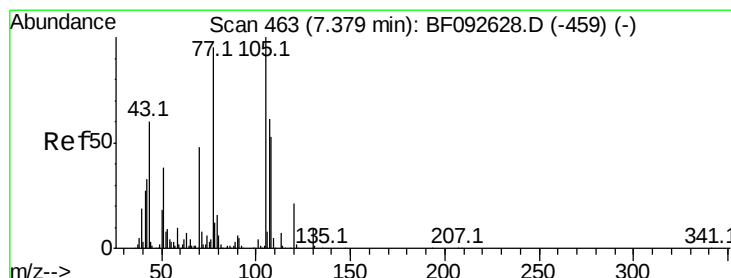
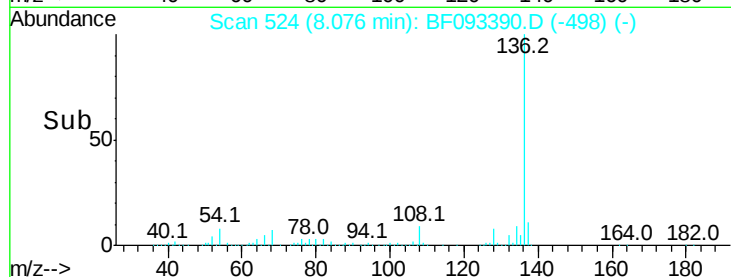
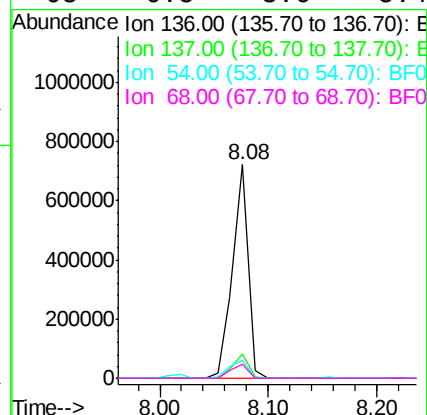
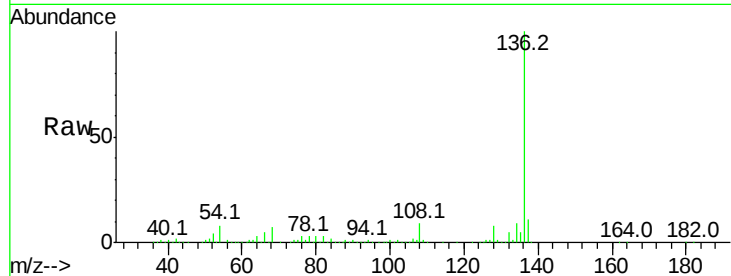
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

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

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	8.4	12.6
54	8.5	4.5	6.7#
68	6.5	3.6	5.4#

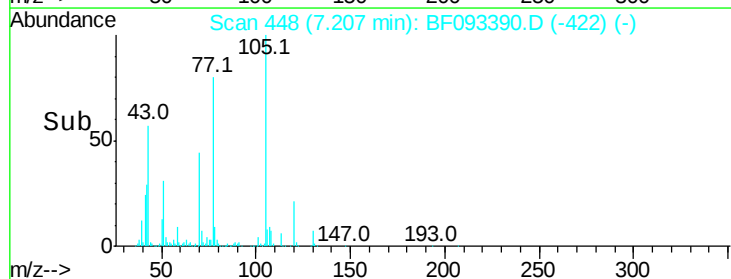
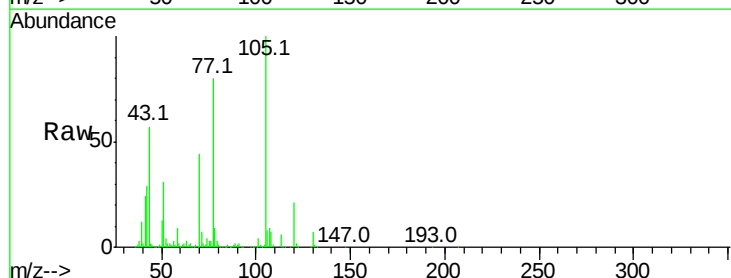
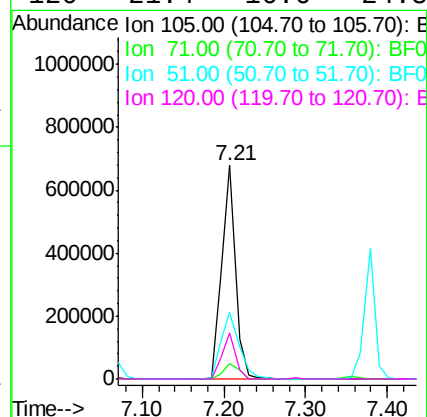
Manual Integrations
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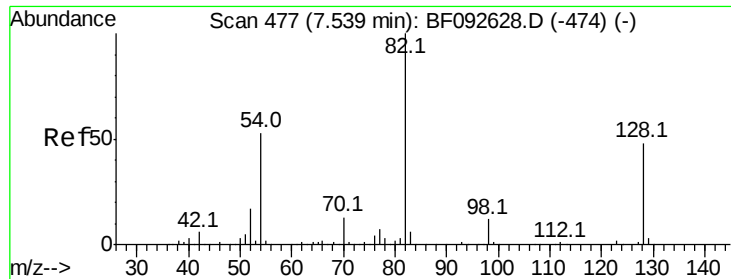
mohammad
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#22
Acetophenone
Concen: 48.56 ng
RT: 7.21 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	7.4	3.2	4.8#
51	31.1	26.2	39.4
120	21.4	16.6	24.8





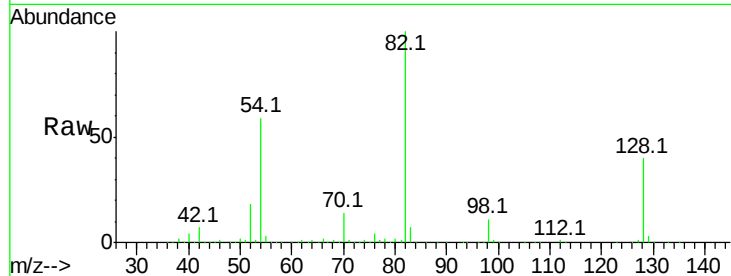
#23
Nitrobenzene-d5
Concen: 97.49 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

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

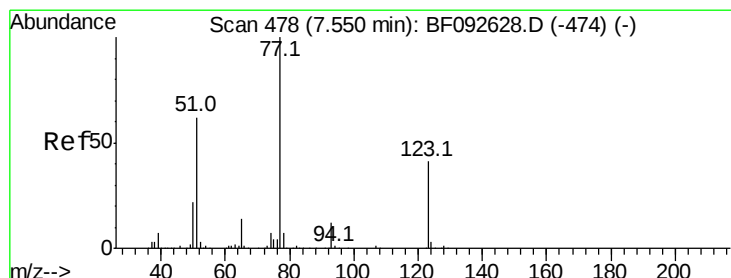
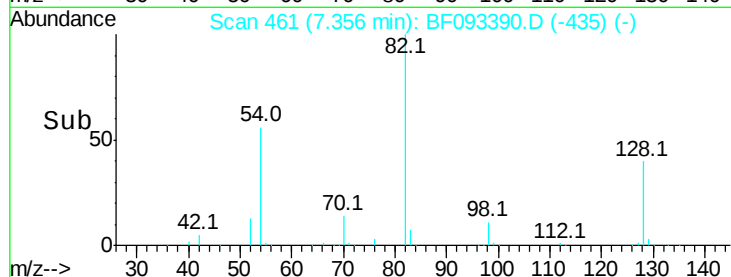
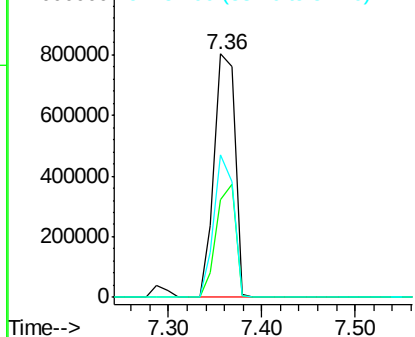
Tot Ion: 82 Resp: 1249997
Ion Ratio Lower Upper
82 100
128 40.1 34.6 52.0
54 58.7 39.5 59.3

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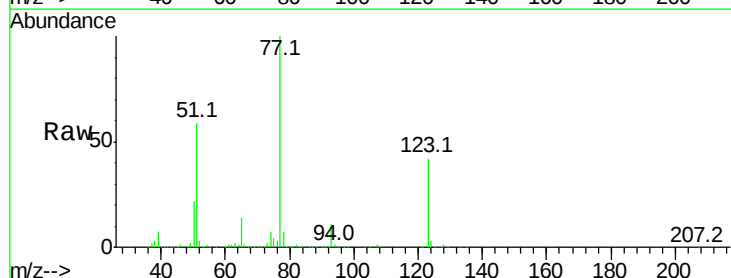


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

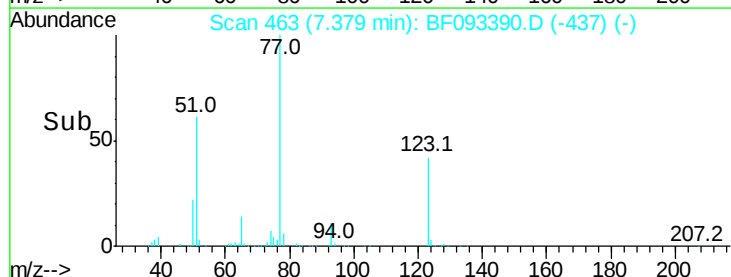
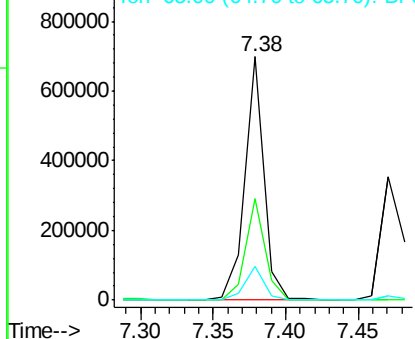


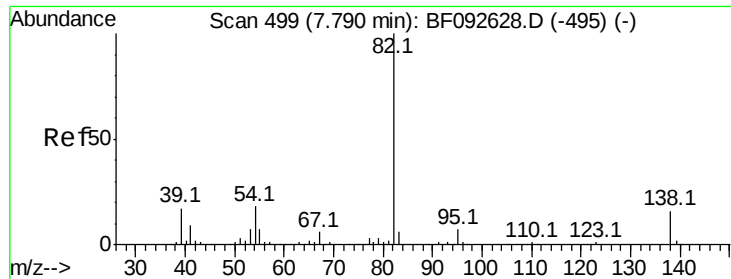
#24
Nitrobenzene
Concen: 48.17 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.00 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

Tgt Ion: 77 Resp: 634109
Ion Ratio Lower Upper
77 100
123 42.0 33.0 49.4
65 13.9 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: 49.91 ng

RT: 7.62 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-002-ABCDMSD

Tot Ion: 82 Resp: 1192394

Ion Ratio Lower Upper

82 100

95 6.4 5.6 8.4

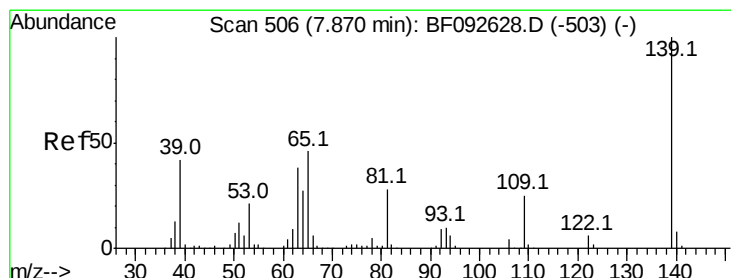
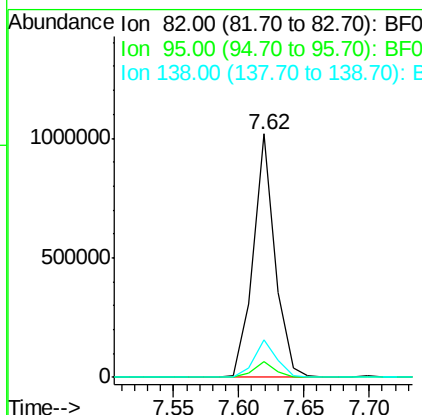
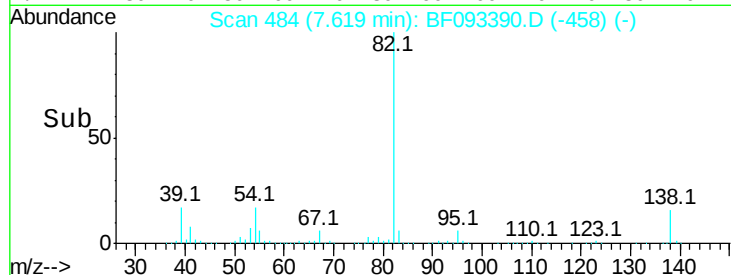
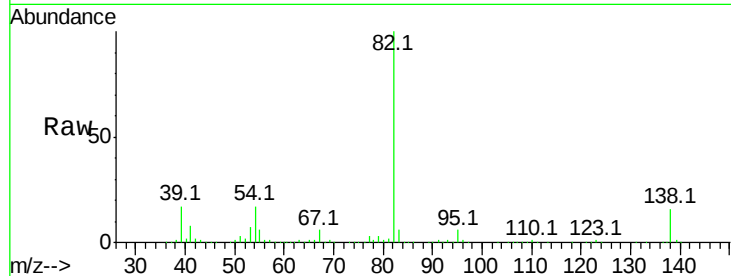
138 15.6 14.6 22.0

Manual Integrations

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#26

2-Nitrophenol

Concen: 53.40 ng

RT: 7.70 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

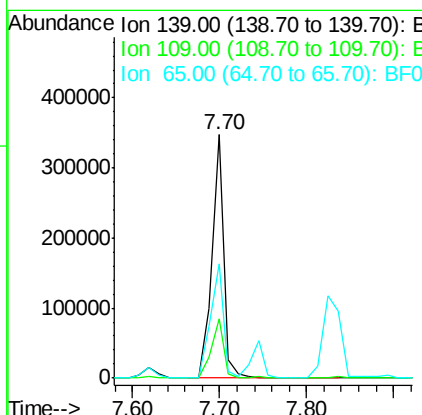
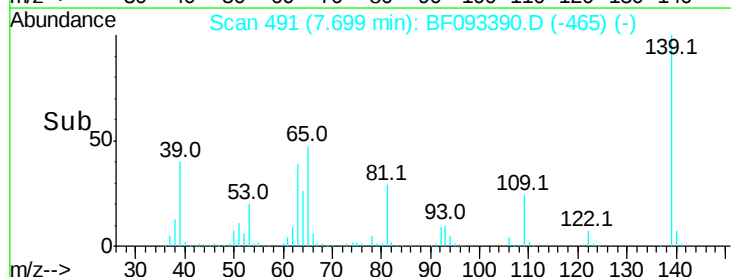
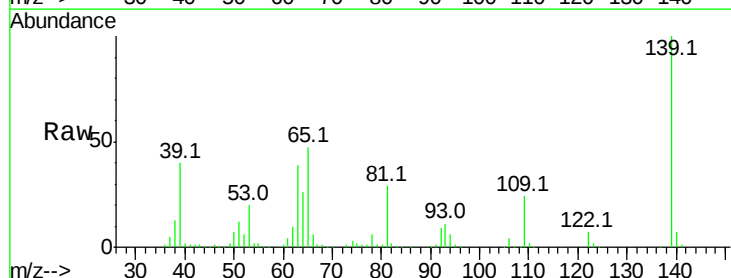
Tgt Ion: 139 Resp: 334164

Ion Ratio Lower Upper

139 100

109 24.4 23.3 34.9

65 47.1 42.7 64.1





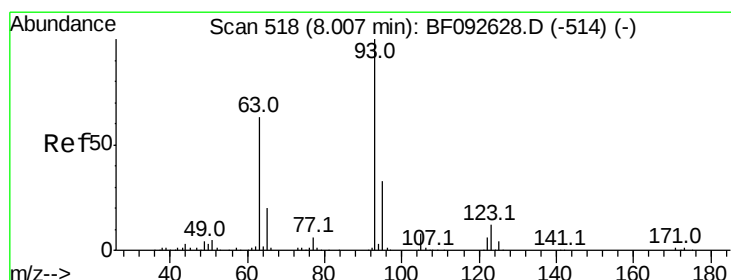
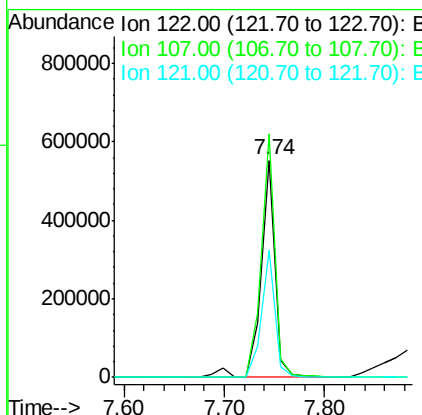
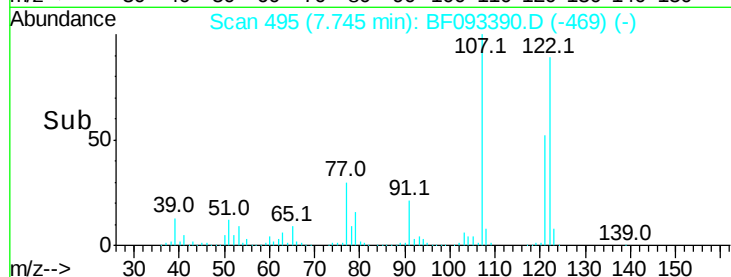
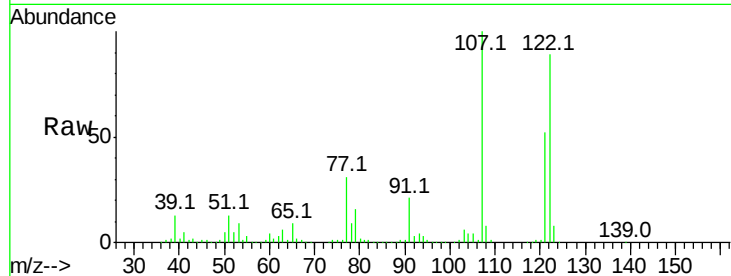
#27
2,4-Dimethylphenol
Concen: 48.90 ng
RT: 7.74 min Scan# 495
Delta R.T. 0.00 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.2	94.1	141.1
121	58.6	46.0	69.0

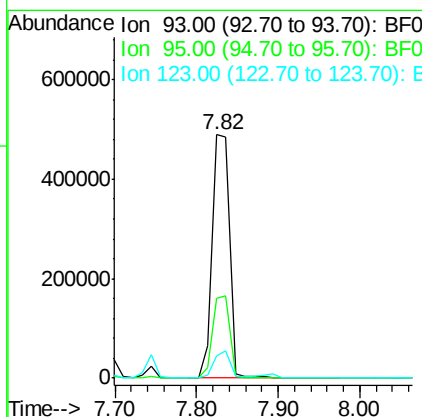
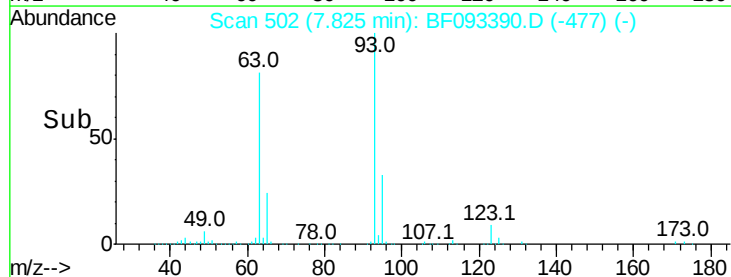
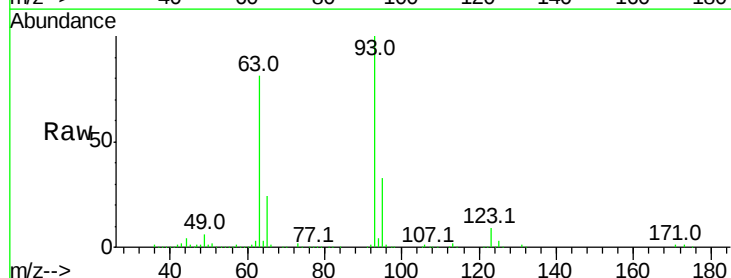
Manual Integrations
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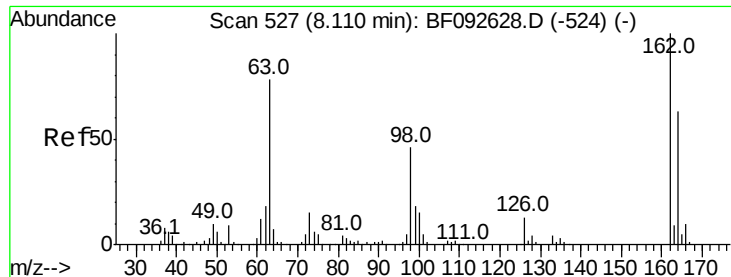
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 46.06 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.01 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.5	39.7
123	9.0	8.6	13.0





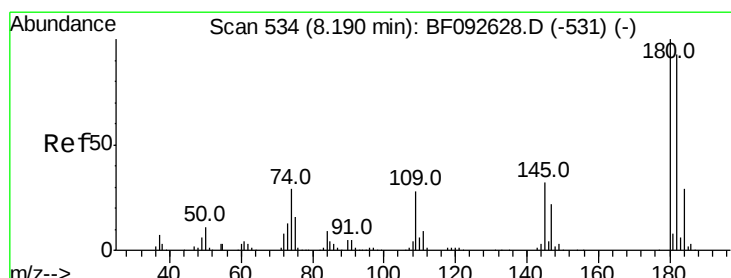
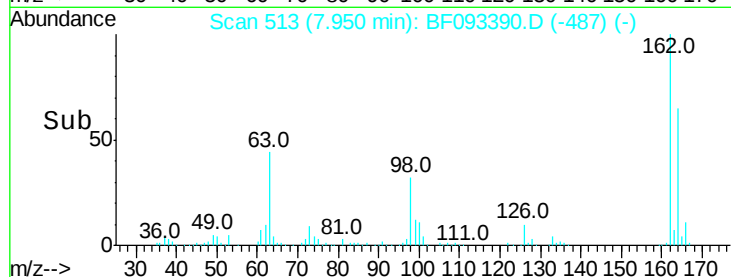
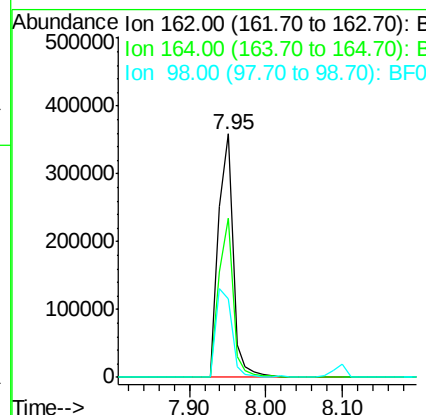
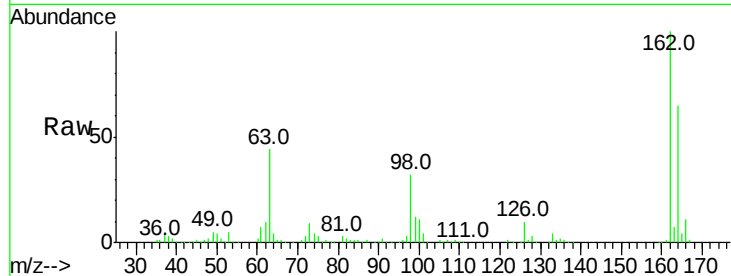
#29
2,4-Dichlorophenol
Concen: 46.36 ng
RT: 7.95 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	475178		
164	65.3	46.8	86.8	
98	32.0	9.1	49.1	

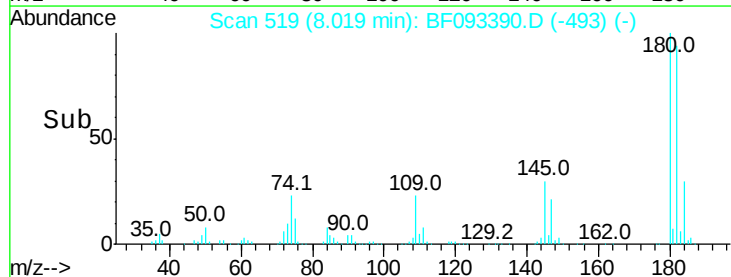
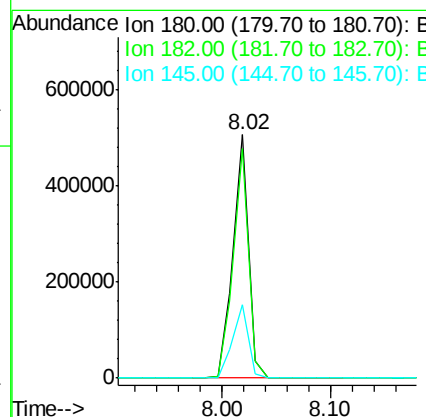
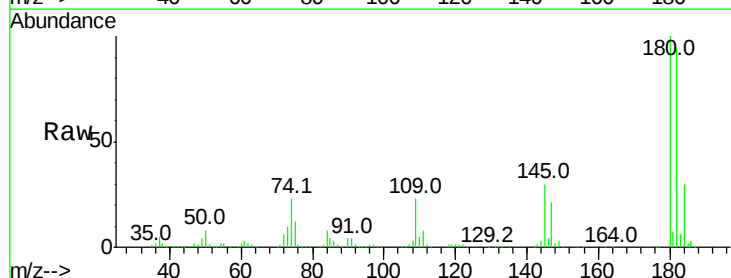
Manual Integrations
APPROVED

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#30
1,2,4-Trichlorobenzene
Concen: 45.13 ng
RT: 8.02 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	498517		
182	94.3	78.2	117.4	
145	30.2	21.6	32.4	





#31

Naphthalene

Concen: 44.57 ng

RT: 8.10 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-002-ABCDMSD

Tot Ion:128 Resp: 1613110

Ion Ratio Lower Upper

128 100

129 11.0 9.5 14.3

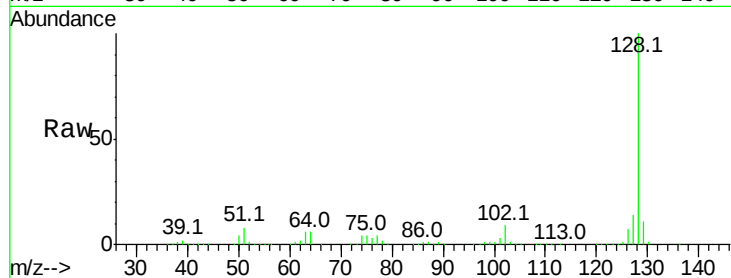
127 13.5 10.8 16.2

Manual Integrations

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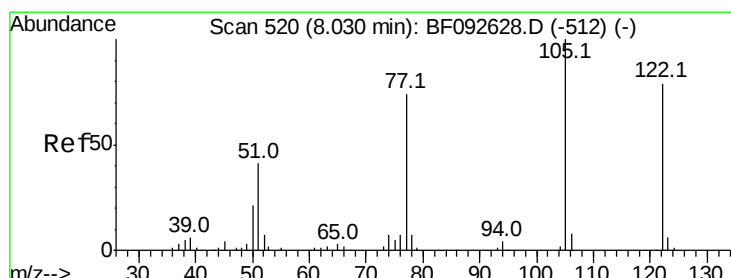
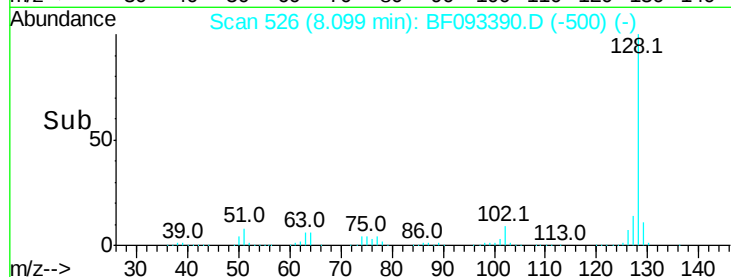
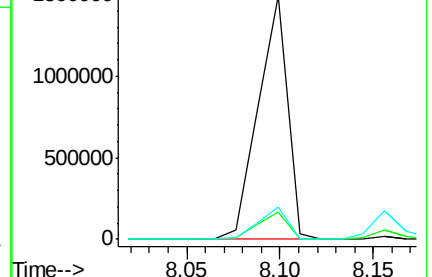
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.07 ng

RT: 7.89 min Scan# 508

Delta R.T. 0.01 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

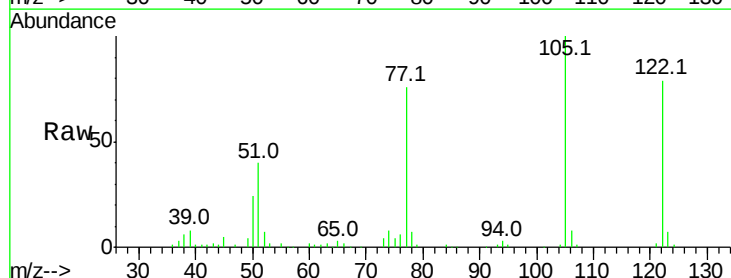
Tgt Ion:122 Resp: 204291

Ion Ratio Lower Upper

122 100

105 126.8 107.2 147.2

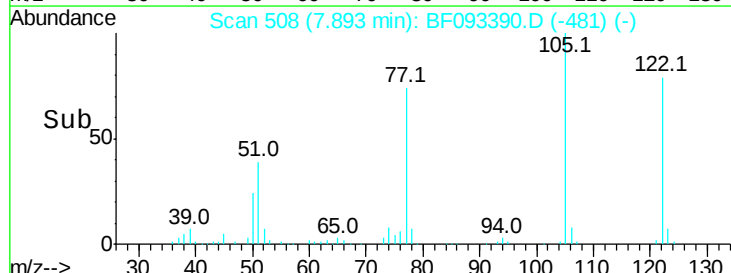
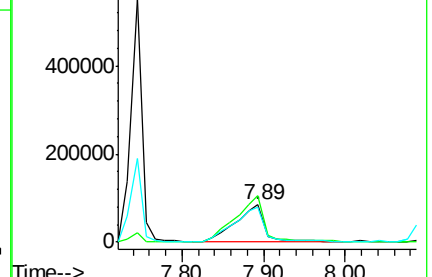
77 96.3 74.5 114.5

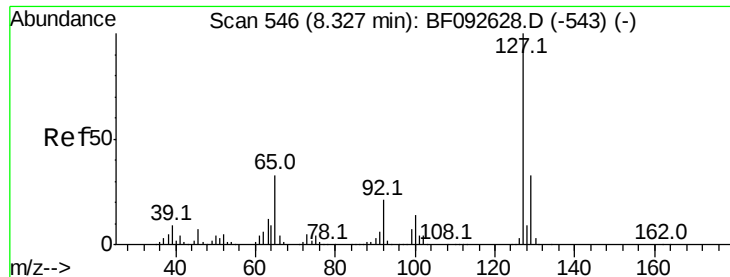


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





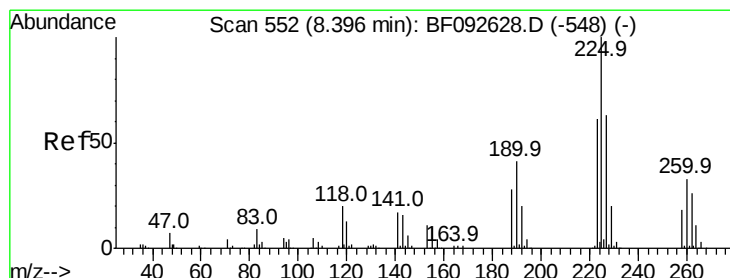
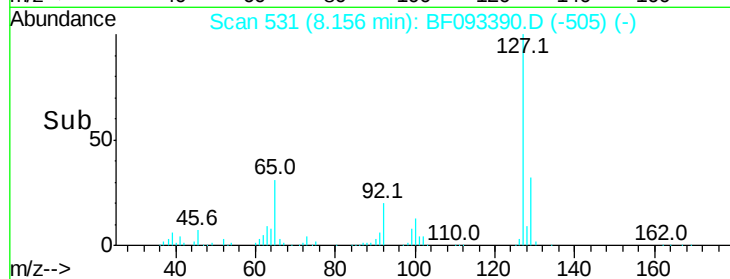
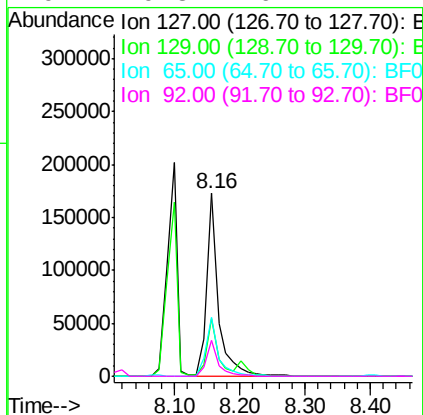
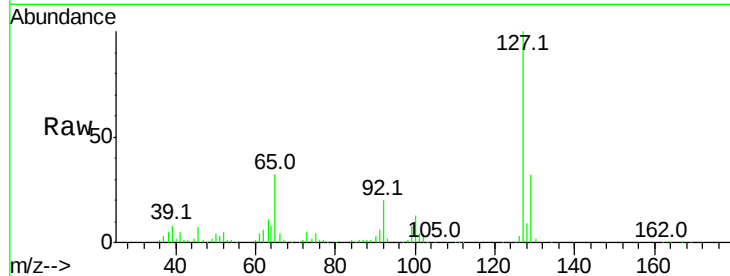
#33
4-Chloroaniline
Concen: 15.26 ng
RT: 8.16 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

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

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.3	39.5
65	32.4	25.8	38.8
92	19.8	16.1	24.1

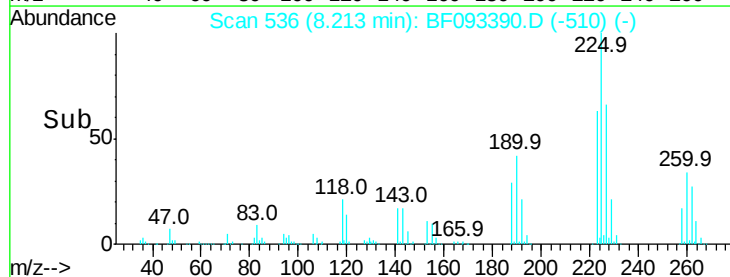
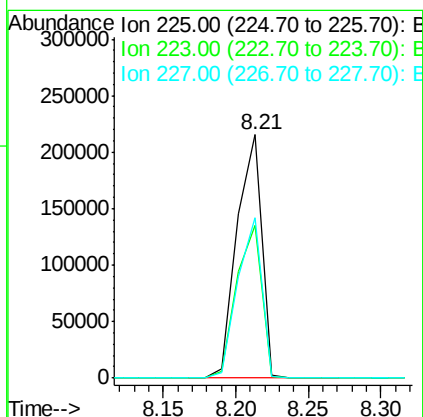
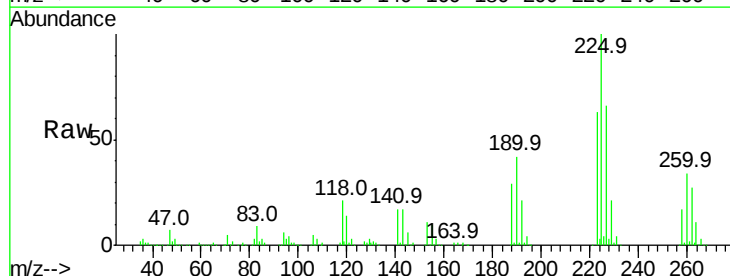
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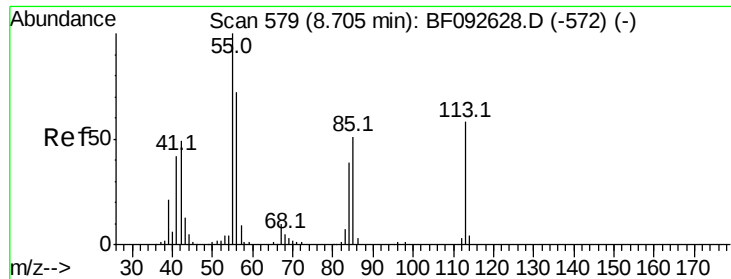
mohammad
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#34
Hexachlorobutadiene
Concen: 42.08 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.0	76.6
227	65.9	50.6	76.0





#35

Caprolactam

Concen: 48.80 ng

RT: 8.53 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

Instrument :

BNA_F

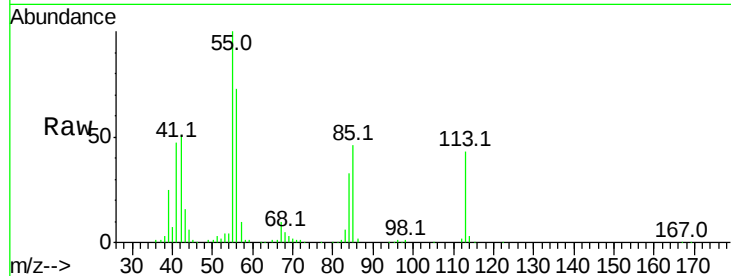
ClientSampleId :

FK-BPM-02-002-ABCDMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	230.9	119.2	159.2#
56	168.0	83.8	123.8#

Manual Integrations
APPROVED

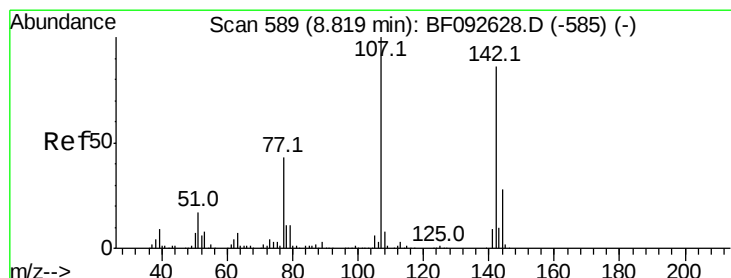
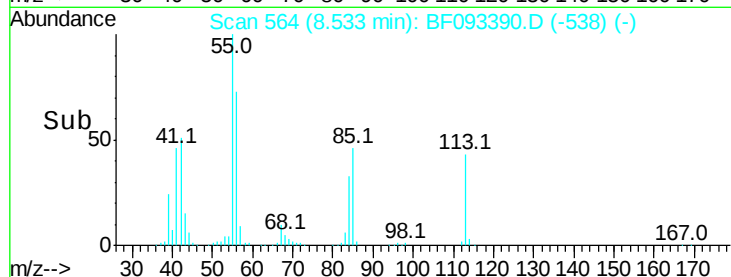
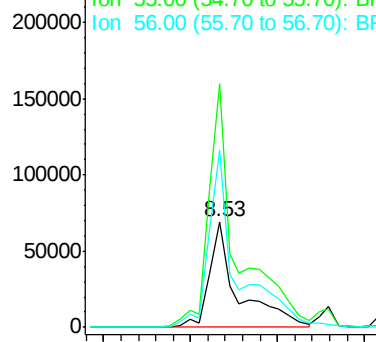
mohammad
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 50.39 ng

RT: 8.66 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF093390.D

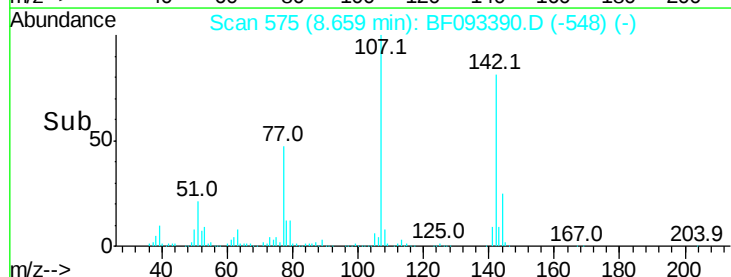
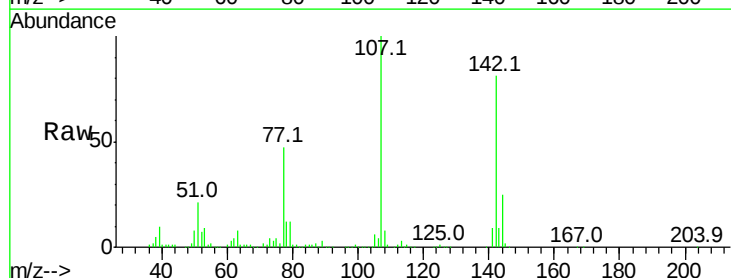
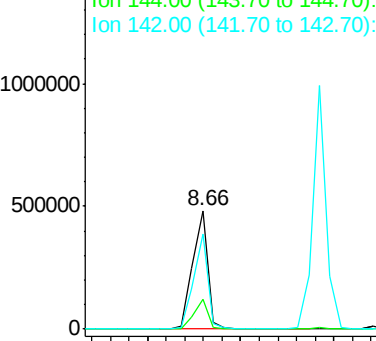
Acq: 4 Mar 2017 7:32

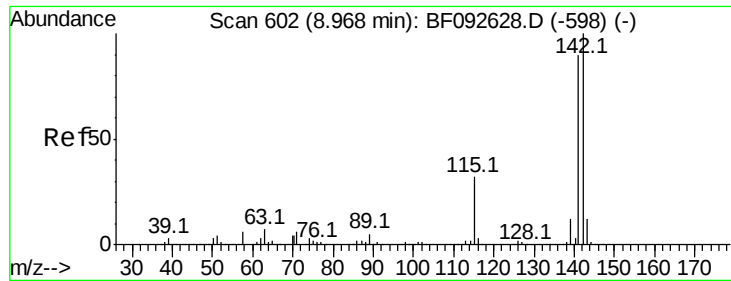
Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.4	19.3	28.9
142	80.6	59.0	88.6

Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





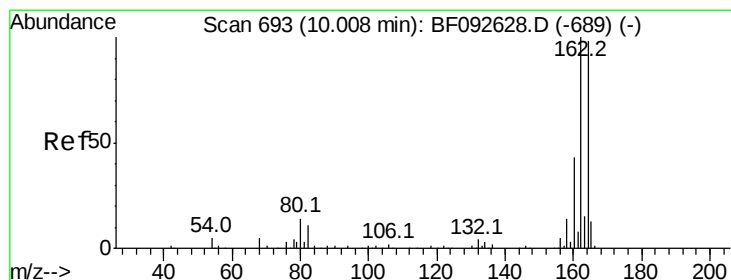
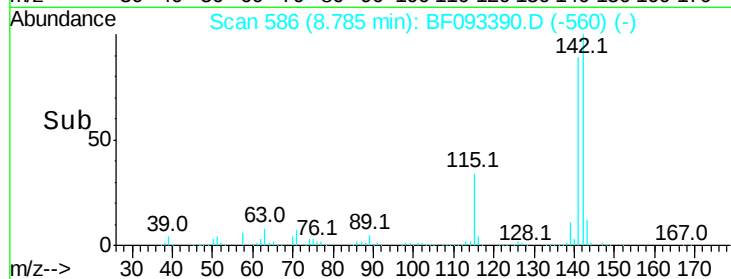
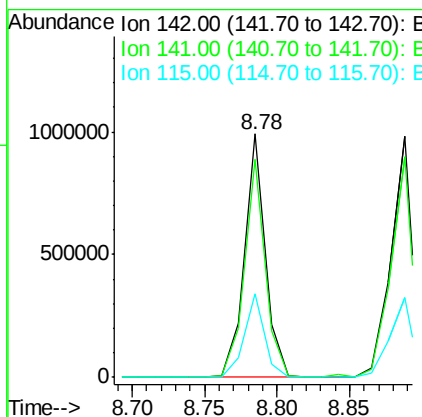
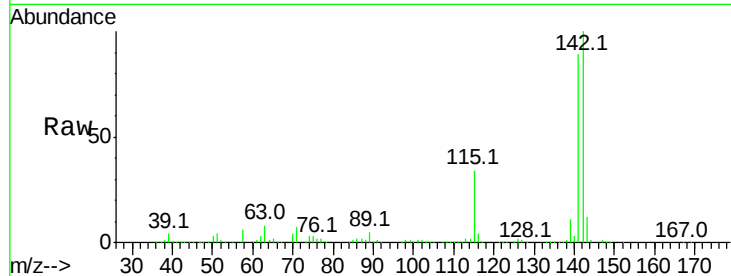
#37
2-Methylnaphthalene
Concen: 42.56 ng
RT: 8.78 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.0	106.6
115	34.2	28.3	42.5

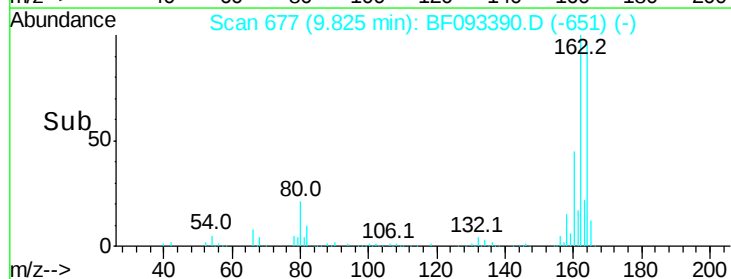
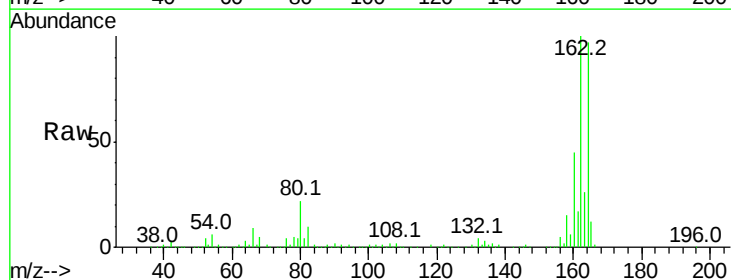
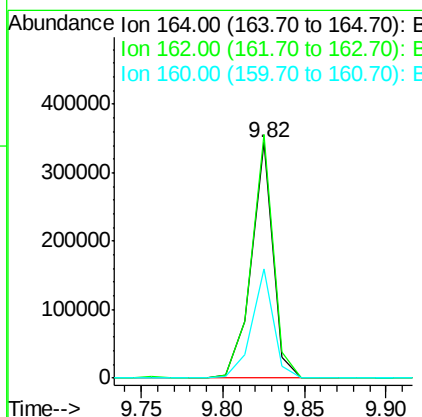
Manual Integrations
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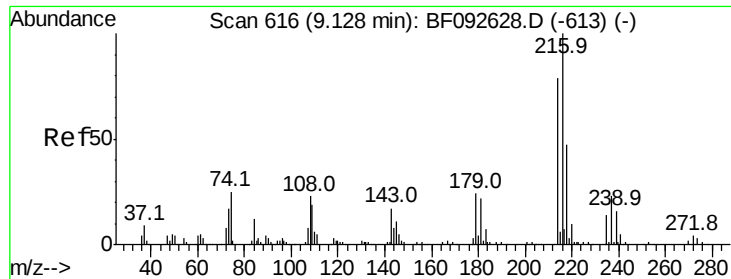
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	80.2	120.2
160	46.5	36.9	55.3





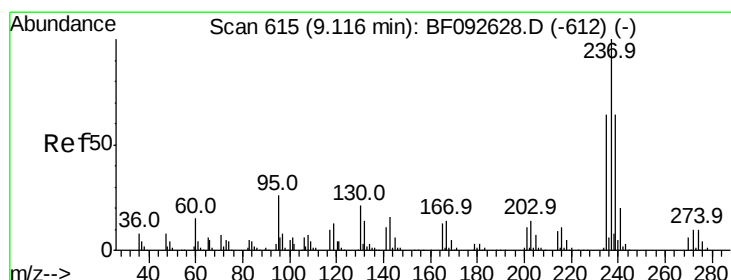
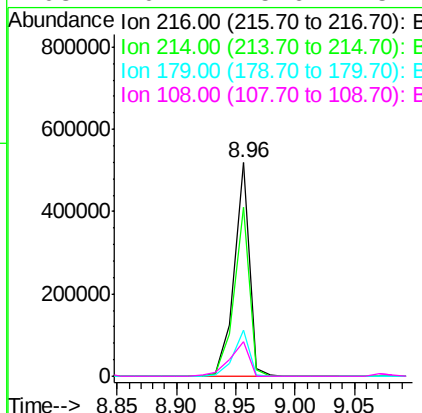
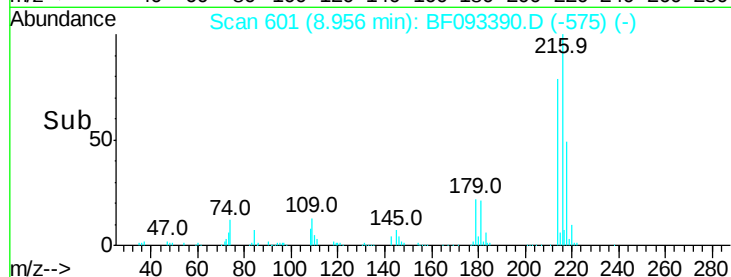
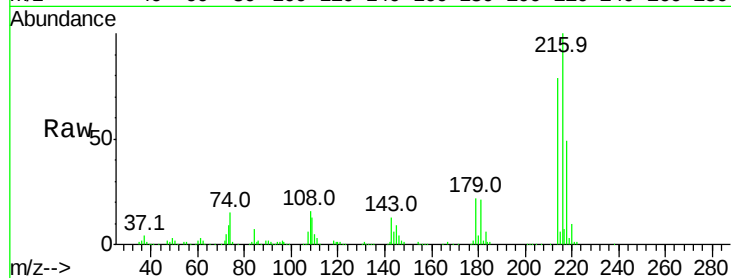
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 52.12 ng
 RT: 8.96 min Scan# 601
 Delta R.T. 0.00 min
 Lab File: BF093390.D
 Acq: 4 Mar 2017 7:32

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

Tot Ion	Ratio	Resp	Lower	Upper
216	100	462779		
214	79.4		63.4	95.0
179	22.1		17.4	26.2
108	20.1		15.6	23.4

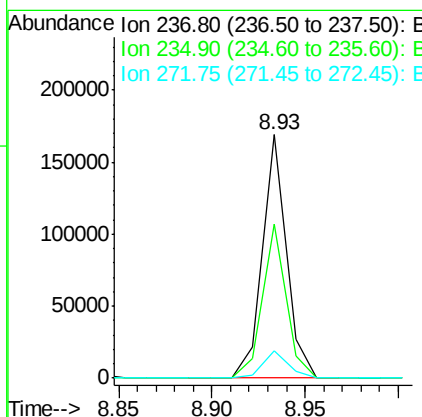
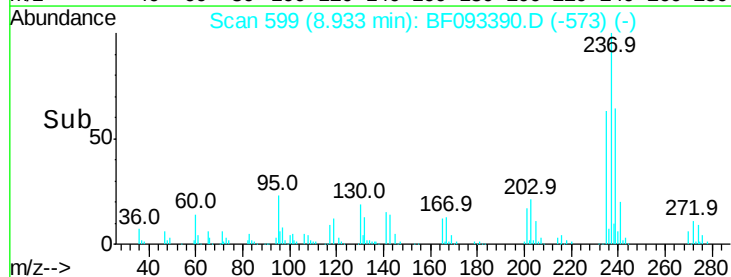
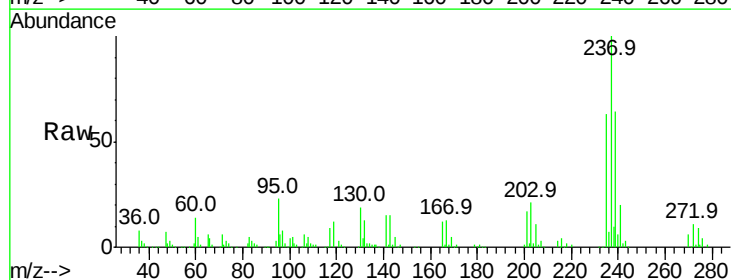
Manual Integrations
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#40
 Hexachlorocyclopentadiene
 Concen: 37.46 ng
 RT: 8.93 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF093390.D
 Acq: 4 Mar 2017 7:32

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	150045		
235	63.4		41.2	81.2
272	11.4		0.0	35.4





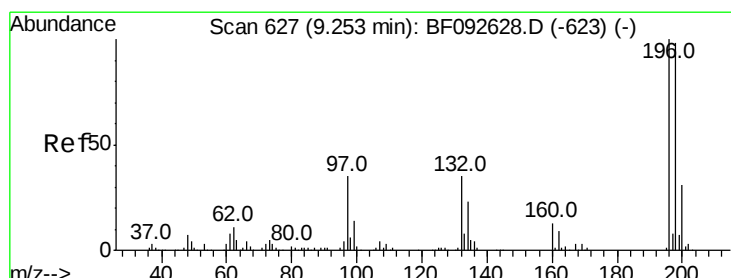
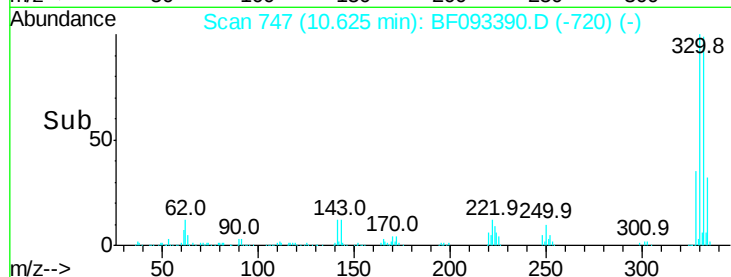
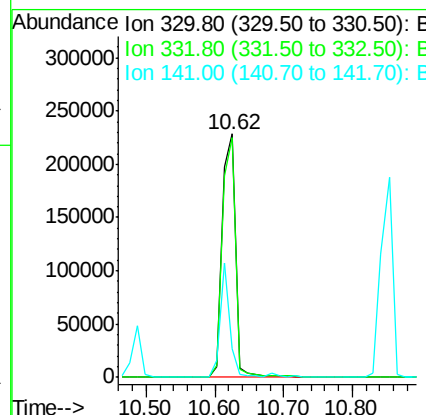
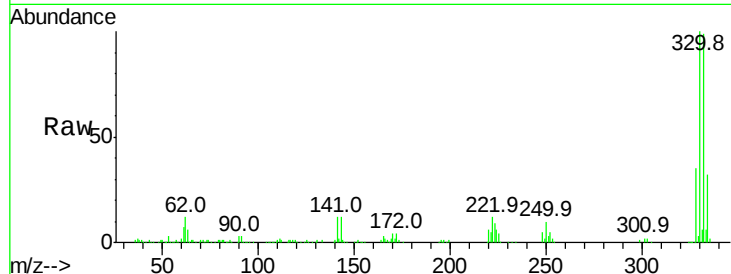
#41
 2,4,6-Tribromophenol
 Concen: 138.95 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.01 min
 Lab File: BF093390.D
 Acq: 4 Mar 2017 7:32

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

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.7	77.4	116.2	
141	34.0	34.1	51.1#	

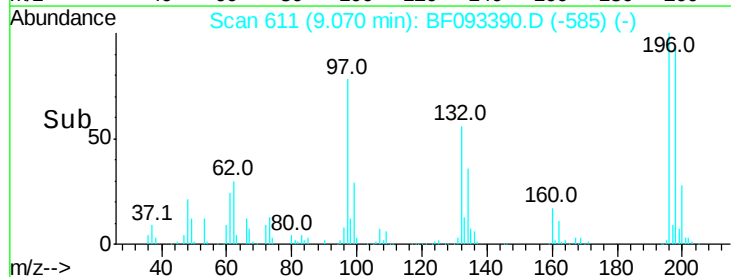
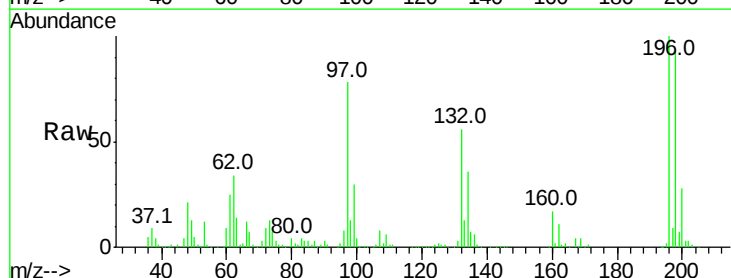
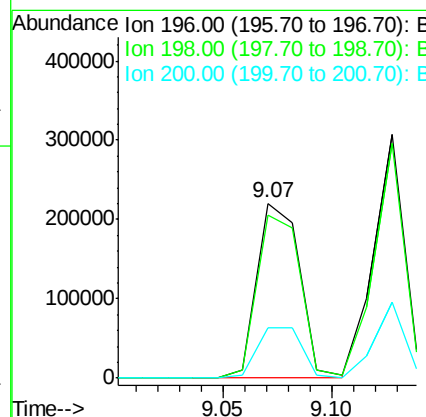
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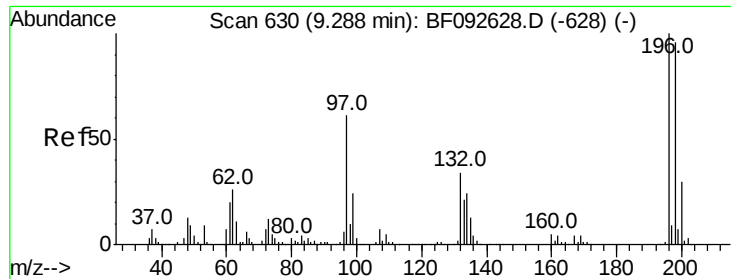
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#42
 2,4,6-Trichlorophenol
 Concen: 51.82 ng
 RT: 9.07 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF093390.D
 Acq: 4 Mar 2017 7:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	93.5	82.1	123.1	
200	28.5	27.0	40.4	





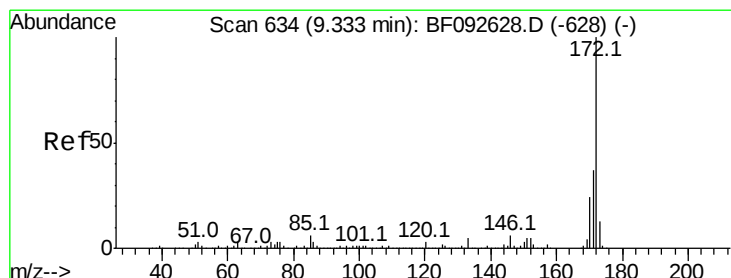
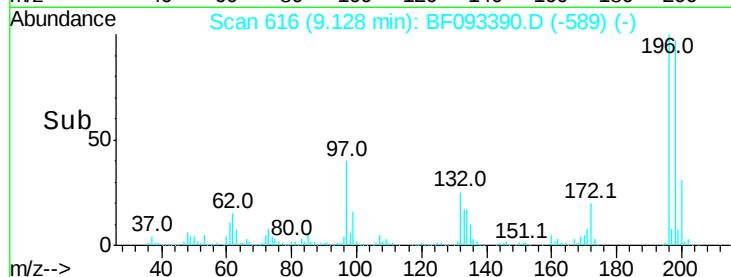
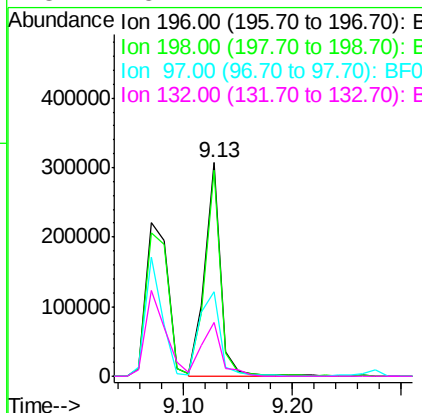
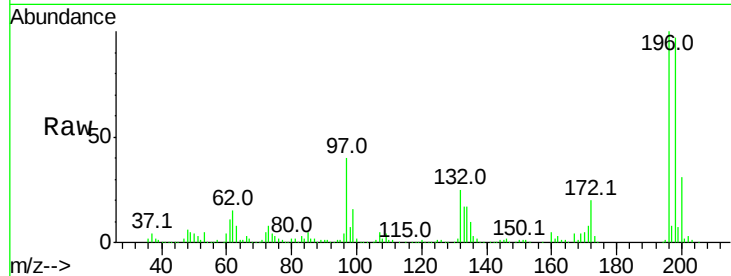
#43
 2,4,5-Trichlorophenol
 Concen: 49.22 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.01 min
 Lab File: BF093390.D
 Acq: 4 Mar 2017 7:32

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	314615		
198	96.6	79.4	119.2	
97	39.5	51.5	77.3#	
132	25.2	27.4	41.2#	

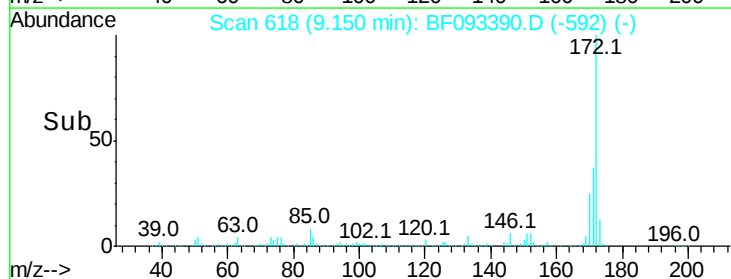
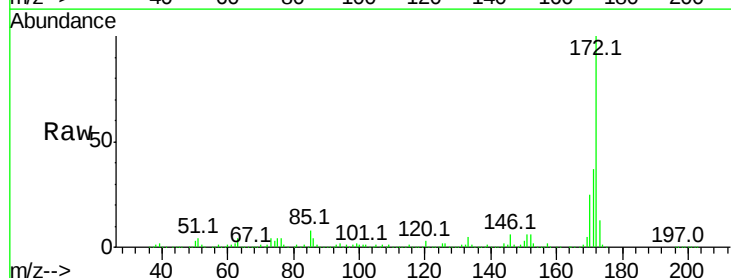
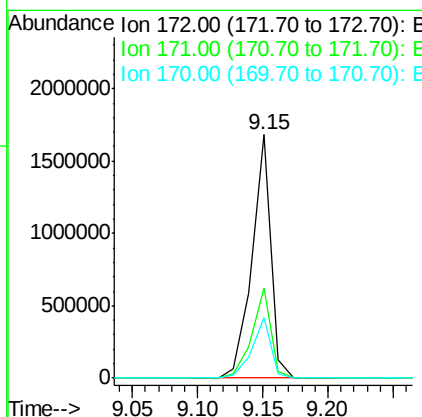
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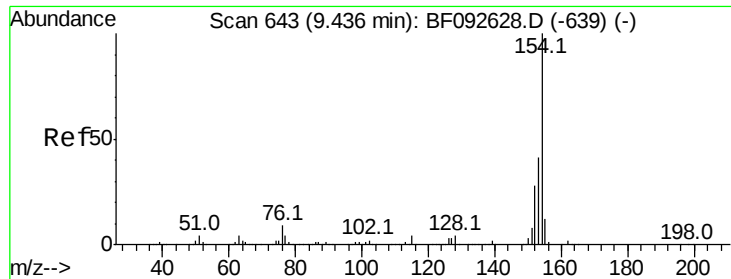
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#44
 2-Fluorobiphenyl
 Concen: 97.03 ng
 RT: 9.15 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF093390.D
 Acq: 4 Mar 2017 7:32

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1693968		
171	37.1	29.4	44.0	
170	24.7	20.2	30.4	





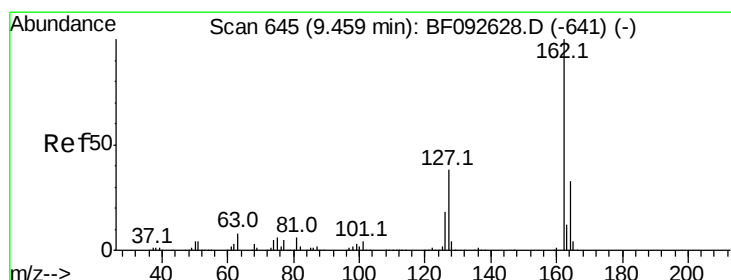
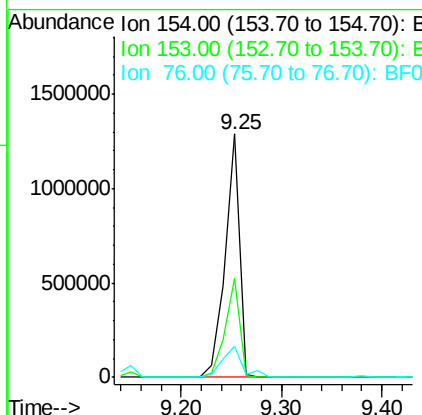
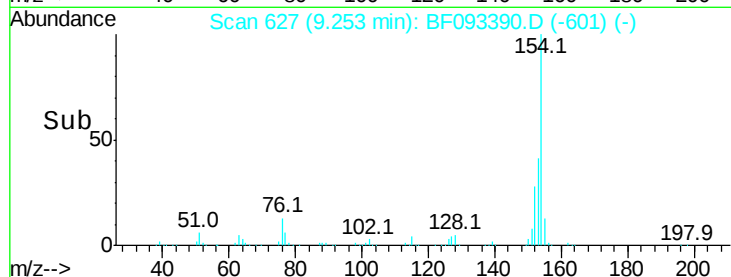
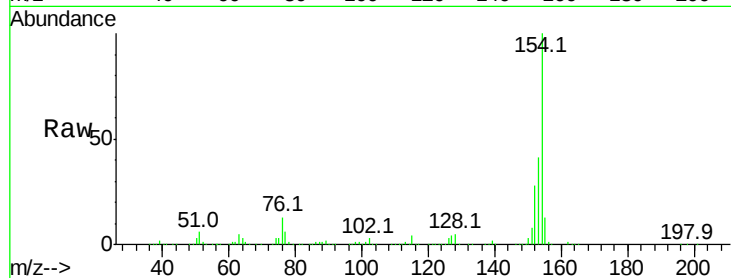
#45
 1,1'-Biphenyl
 Concen: 55.70 ng
 RT: 9.25 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF093390.D
 Acq: 4 Mar 2017 7:32

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

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.9	60.9
76	12.5	0.0	30.5

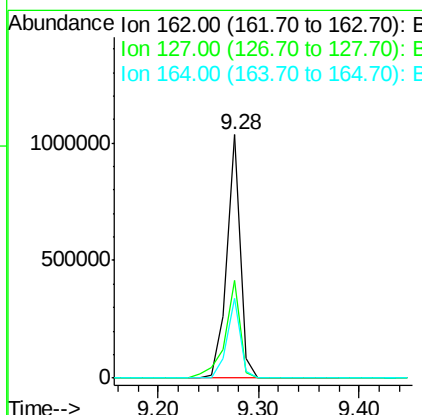
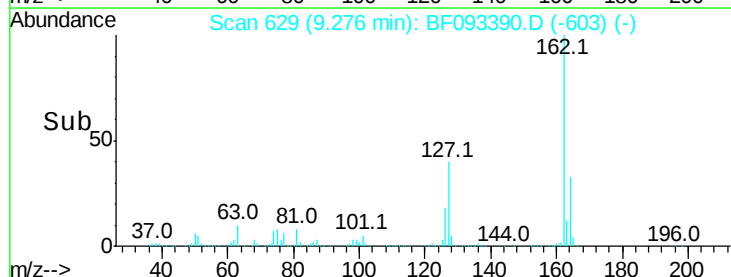
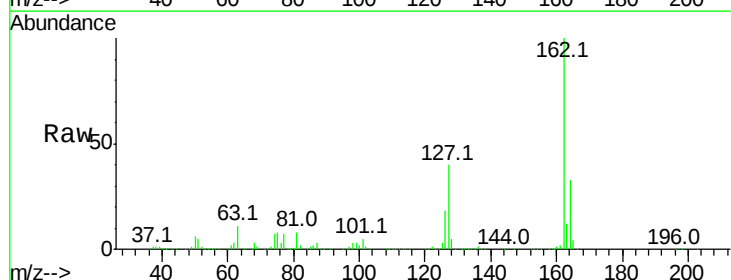
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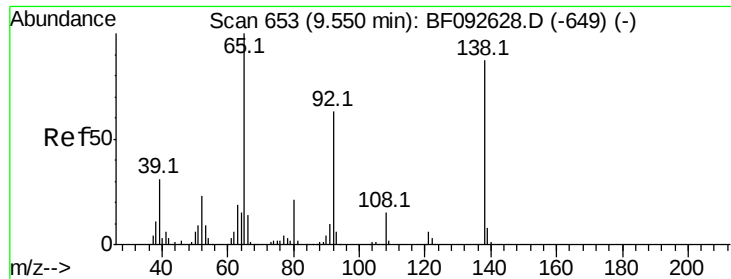
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#46
 2-Chloronaphthalene
 Concen: 53.61 ng
 RT: 9.28 min Scan# 629
 Delta R.T. 0.00 min
 Lab File: BF093390.D
 Acq: 4 Mar 2017 7:32

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.1	30.7	46.1
164	32.5	27.6	41.4





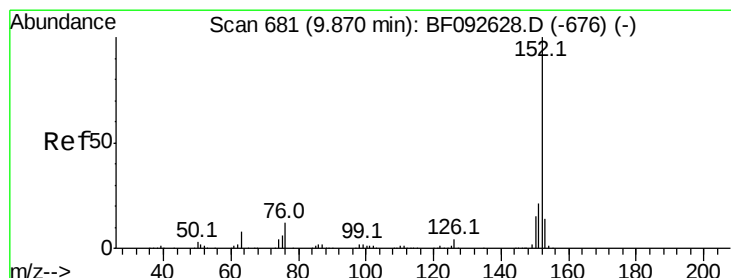
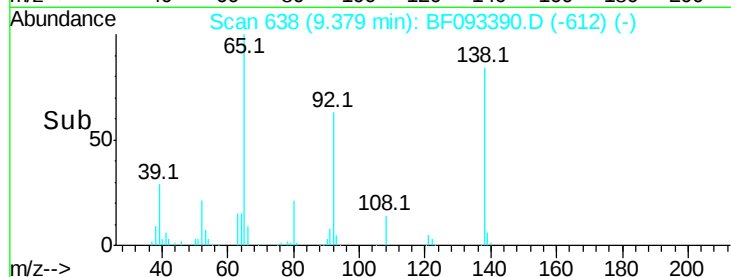
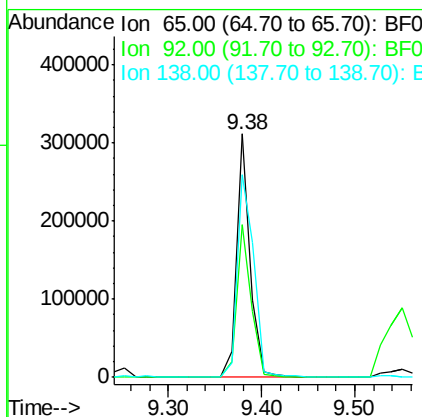
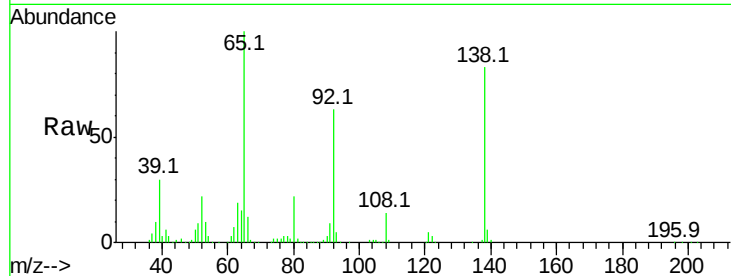
#47
2-Nitroaniline
Concen: 52.32 ng
RT: 9.38 min Scan# 638
Delta R.T. 0.00 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

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

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.7	53.9	80.9
138	83.0	76.8	115.2

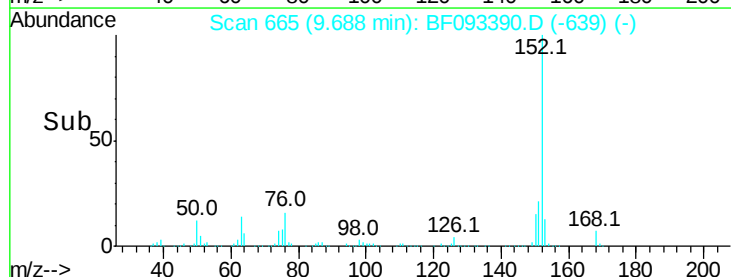
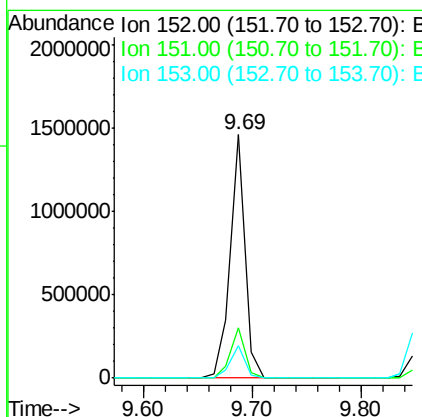
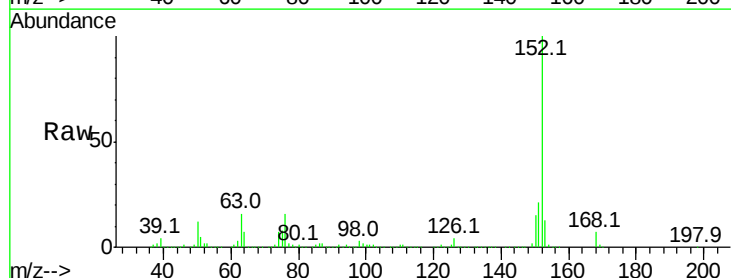
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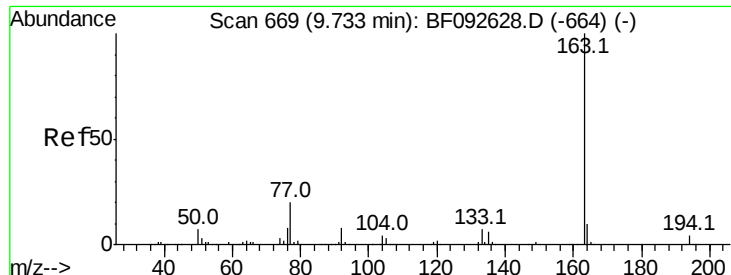
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#48
Acenaphthylene
Concen: 44.38 ng
RT: 9.69 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.9	25.3
153	13.5	11.4	17.2





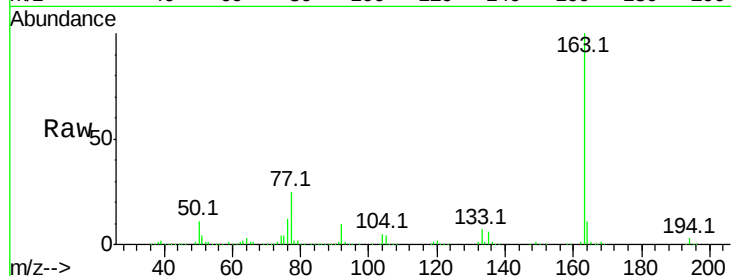
#49
Dimethylphthalate
Concen: 60.15 ng
RT: 9.55 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

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

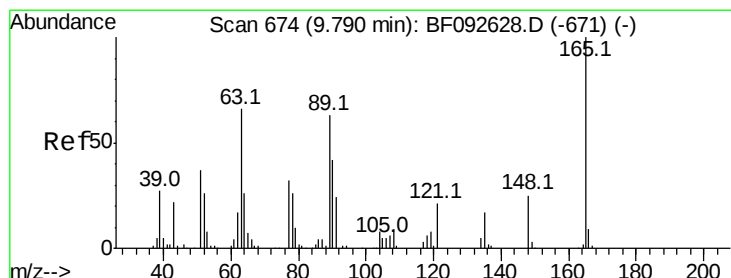
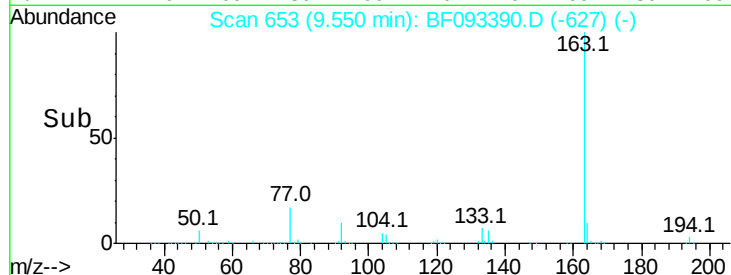
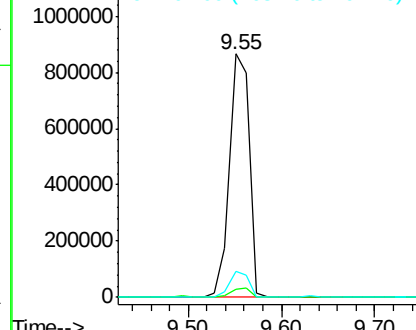
Tot Ion:163 Resp: 1281502
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.8 8.0 12.0

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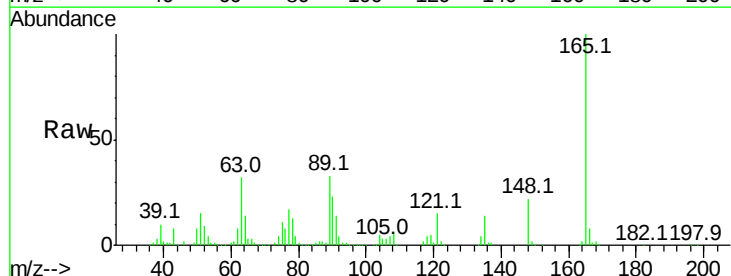


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

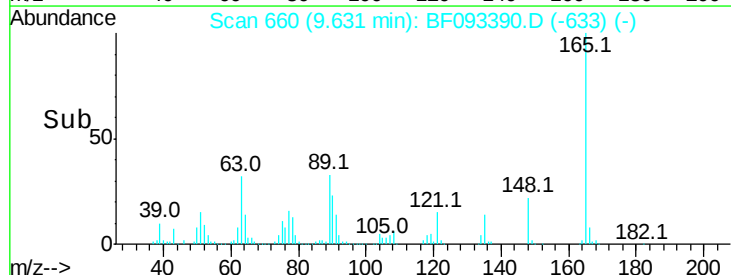
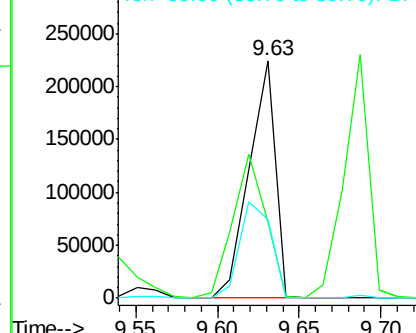


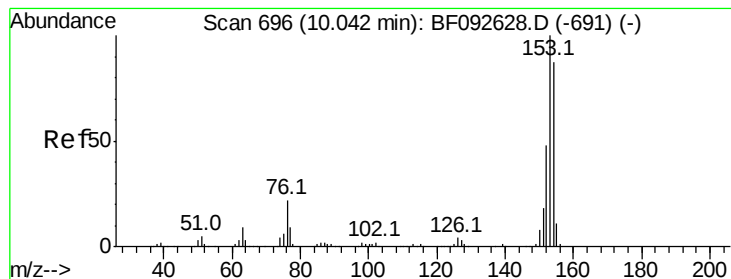
#50
2,6-Dinitrotoluene
Concen: 54.60 ng
RT: 9.63 min Scan# 660
Delta R.T. 0.01 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

Tgt Ion:165 Resp: 251197
Ion Ratio Lower Upper
165 100
63 32.2 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: 45.92 ng

RT: 9.86 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

Instrument :

BNA_F

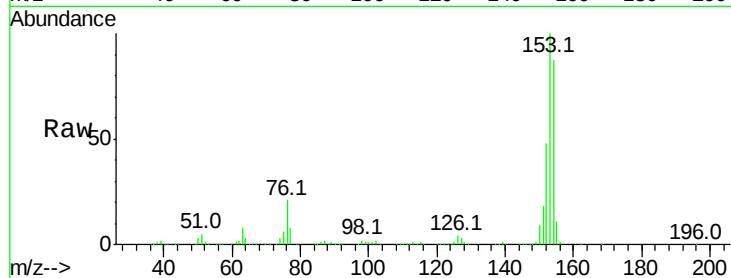
ClientSampleId :

FK-BPM-02-002-ABCDMSD

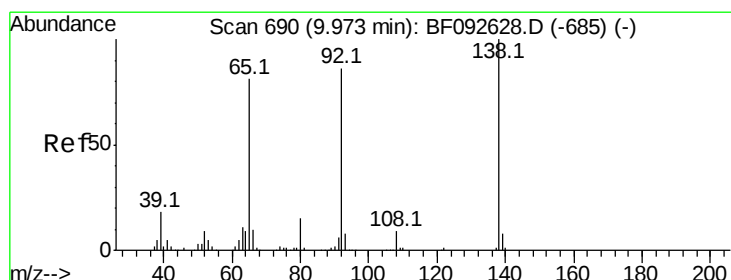
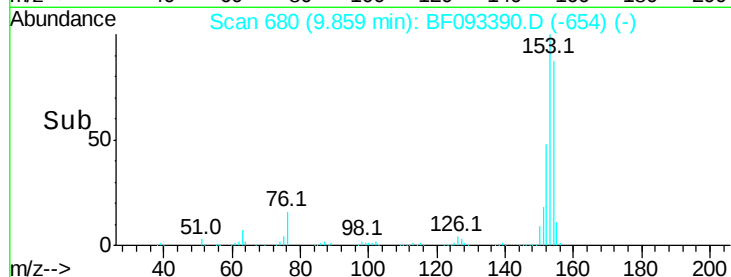
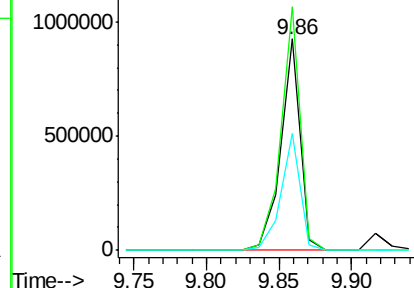
Tot Ion:	154	Resp:	849780
Ion Ratio	Lower	Upper	
154	100		
153	115.3	88.6	133.0
152	55.5	41.6	62.4

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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: 28.79 ng

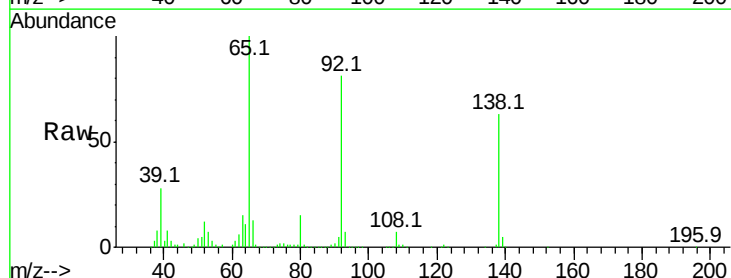
RT: 9.79 min Scan# 674

Delta R.T. 0.00 min

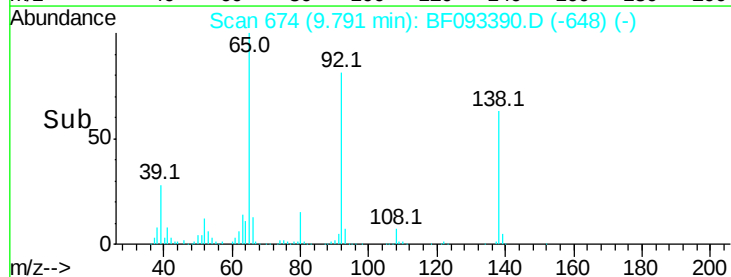
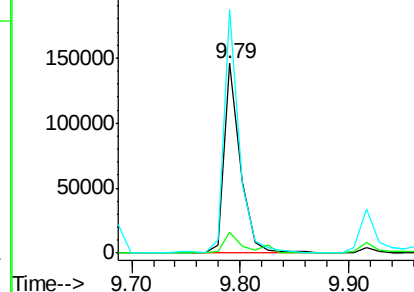
Lab File: BF093390.D

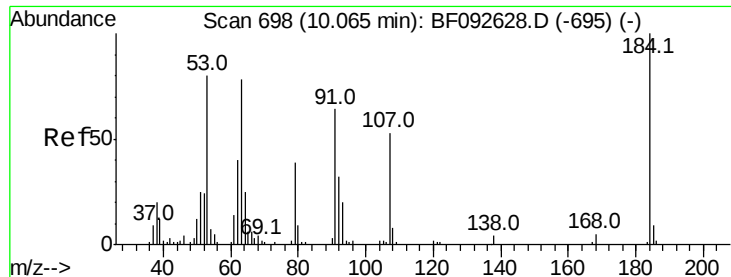
Acq: 4 Mar 2017 7:32

Tgt Ion:	138	Resp:	151589
Ion Ratio	Lower	Upper	
138	100		
108	10.8	8.5	12.7
92	128.4	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





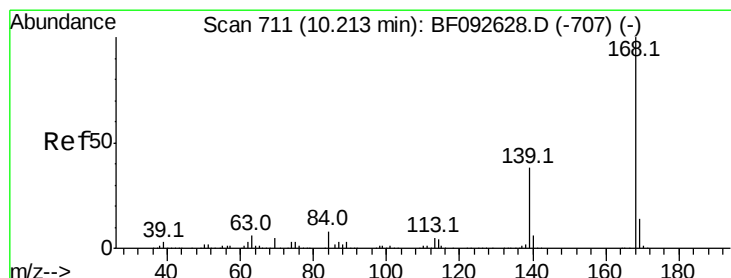
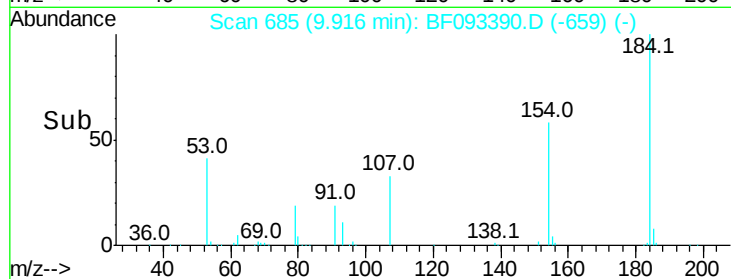
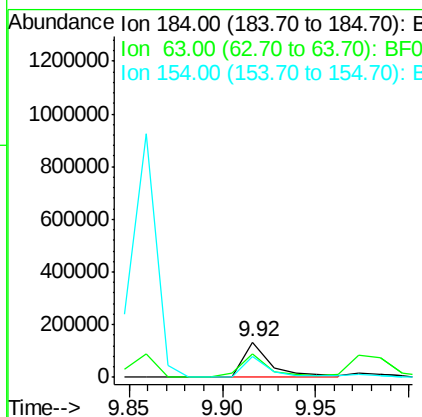
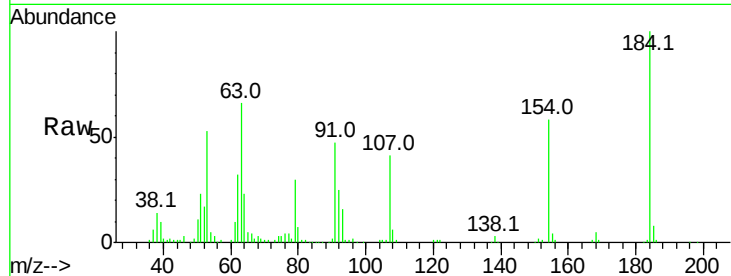
#53
2,4-Dinitrophenol
Concen: 62.37 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

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

Tot Ion	Ratio	Lower	Upper
184	100		
63	65.9	28.4	42.6#
154	58.1	44.3	66.5

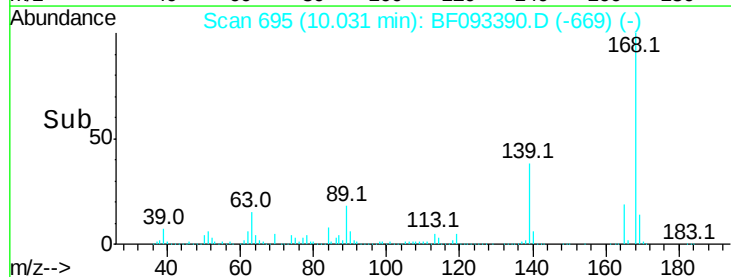
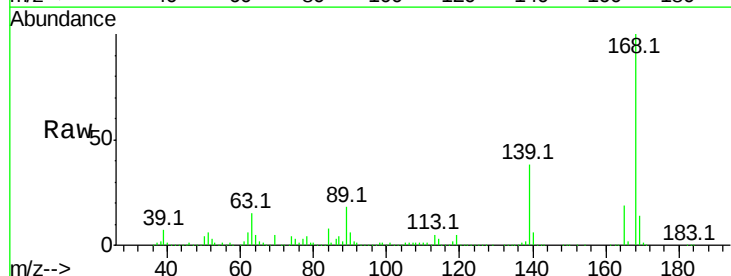
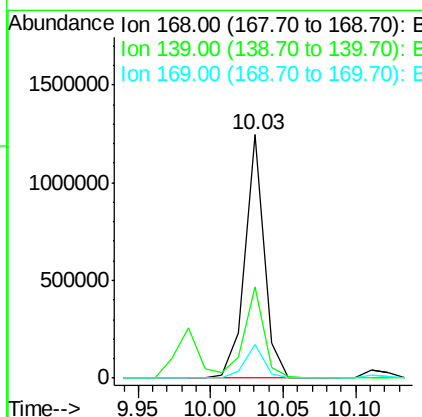
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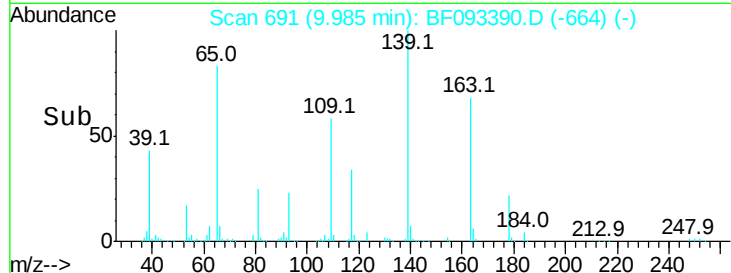
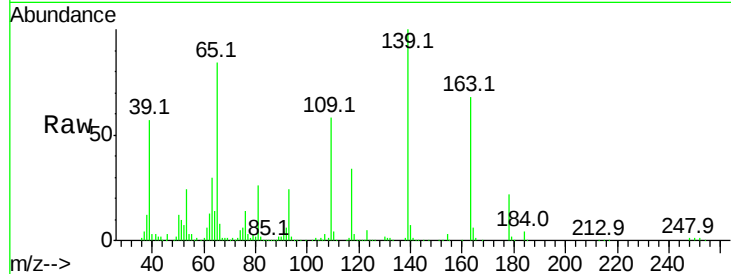
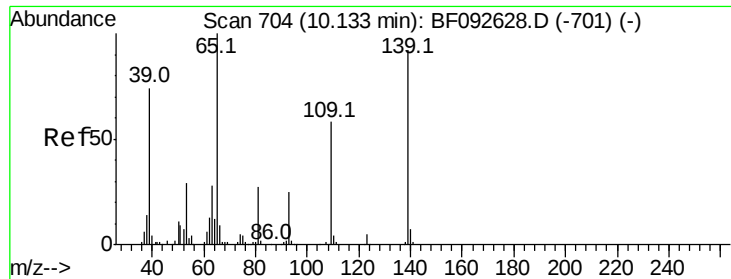
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#54
Dibenzofuran
Concen: 46.45 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.7	32.6	49.0
169	13.7	11.3	16.9





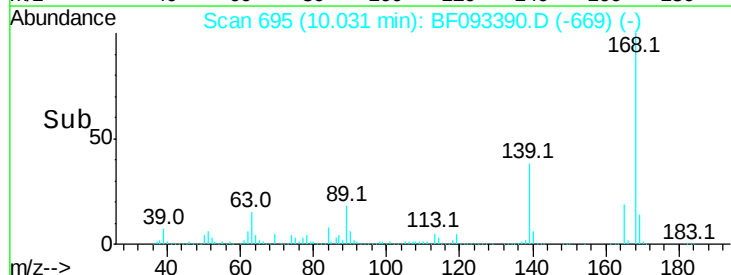
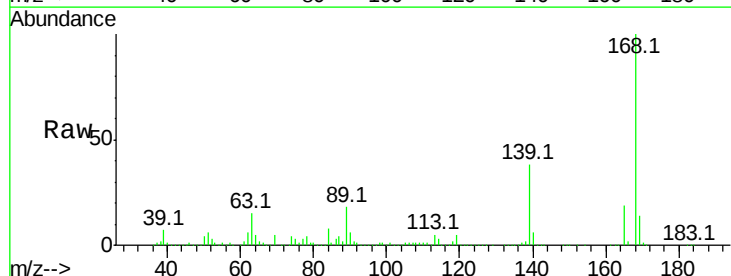
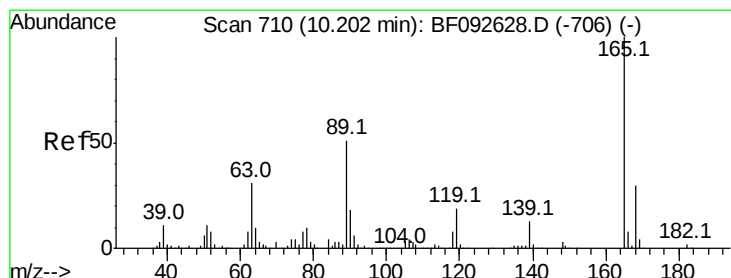
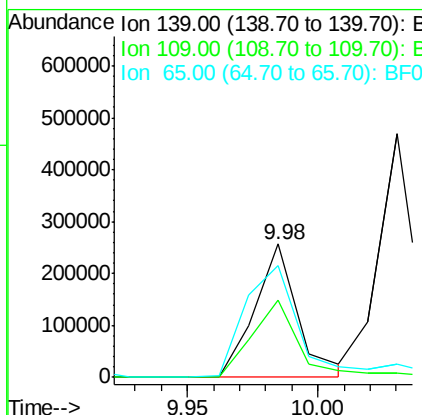
#55
4-Nitrophenol
Concen: 77.16 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.01 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	57.9	52.2	92.2	
65	84.2	85.8	125.8	

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

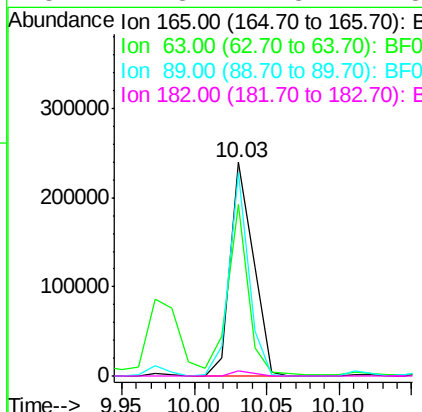
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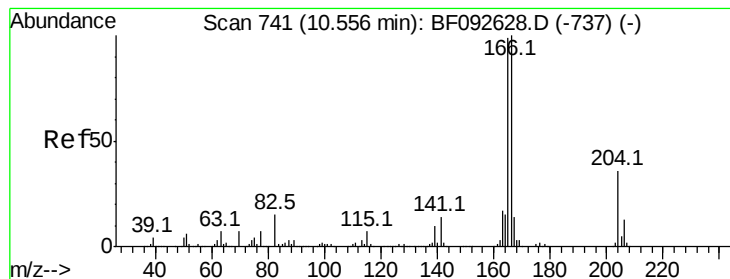
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#56
2,4-Dinitrotoluene
Concen: 43.42 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	80.2	40.2	60.4	
89	95.3	62.5	93.7	
182	2.3	1.8	2.8	





#57

Fluorene

Concen: 49.65 ng

RT: 10.37 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

Instrument :

BNA_F

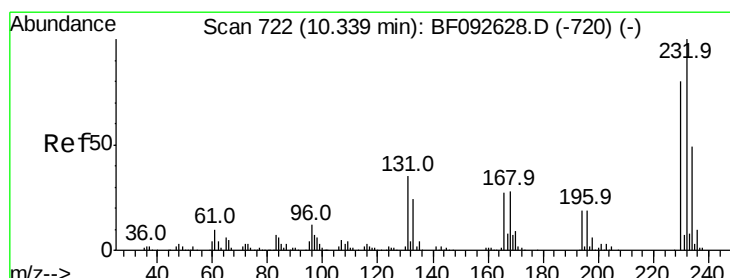
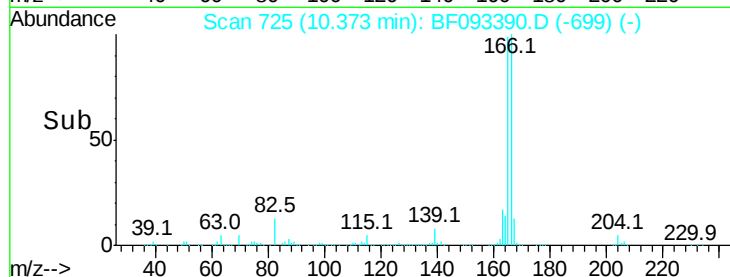
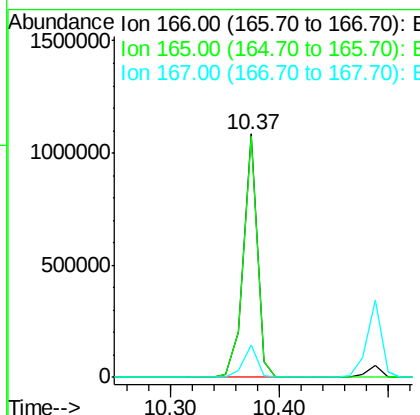
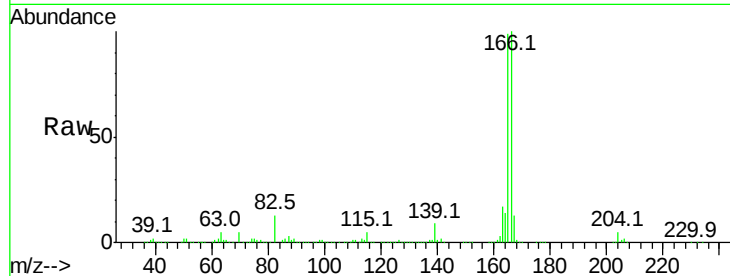
ClientSampleId :

FK-BPM-02-002-ABCDMSD

Tot Ion:	166	Resp:	945409
Ion Ratio	Lower	Upper	
166	100		
165	99.2	77.8	116.8
167	13.2	10.8	16.2

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 52.20 ng

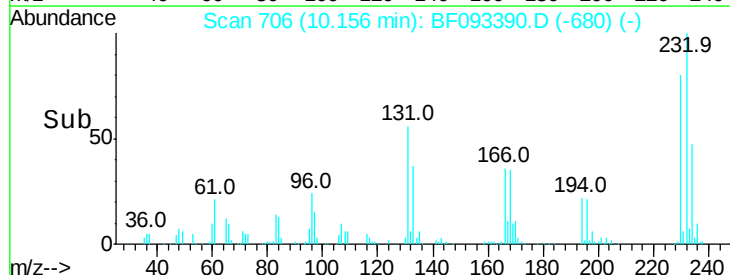
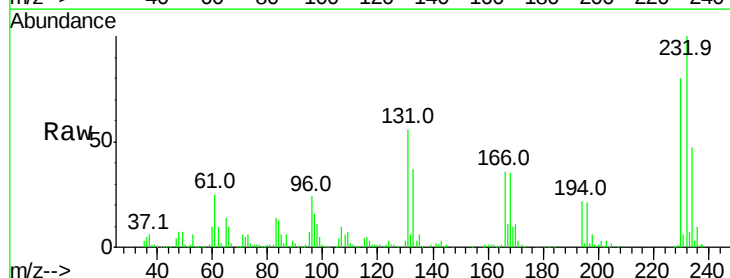
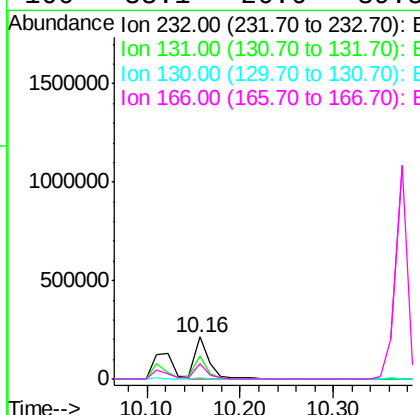
RT: 10.16 min Scan# 706

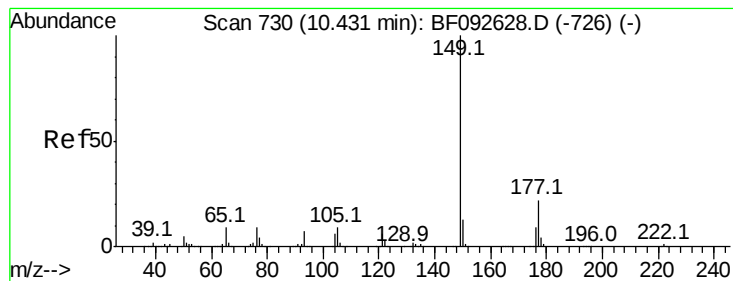
Delta R.T. 0.00 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

Tgt Ion:	232	Resp:	222602
Ion Ratio	Lower	Upper	
232	100		
131	51.7	40.1	60.1
130	2.7	1.8	2.8
166	33.1	26.6	39.8





#59

Diethylphthalate

Concen: 50.72 ng

RT: 10.25 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-002-ABCDMSD

Tot Ion:149 Resp: 1018291

Ion Ratio Lower Upper

149 100

177 20.7 16.6 25.0

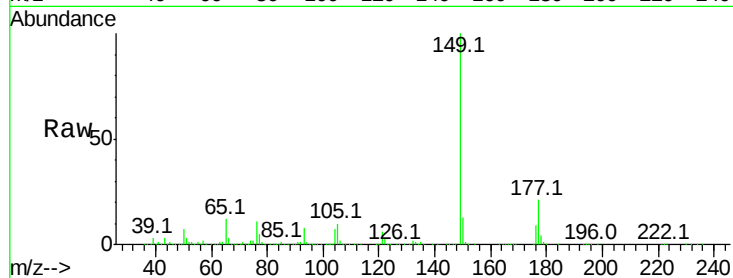
150 12.8 10.4 15.6

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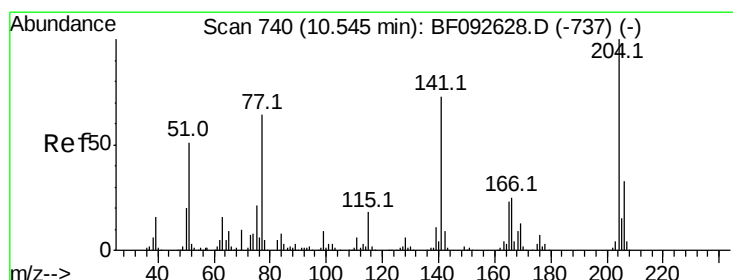
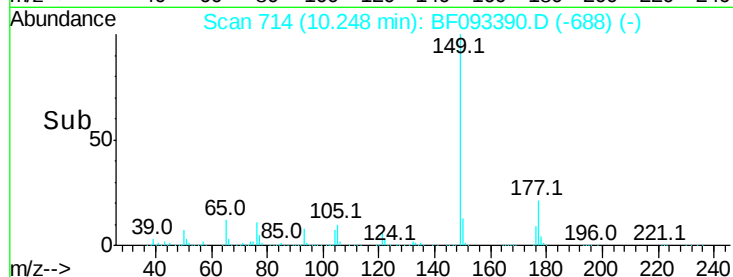
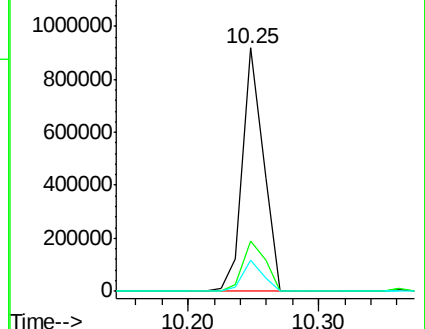
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 45.83 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

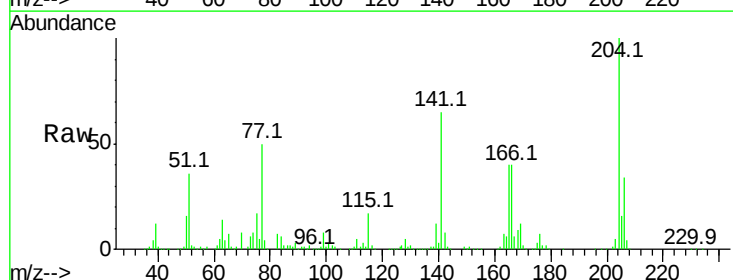
Tgt Ion:204 Resp: 419276

Ion Ratio Lower Upper

204 100

206 34.4 25.8 38.6

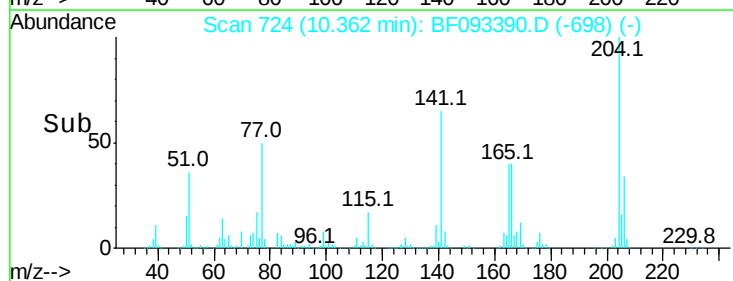
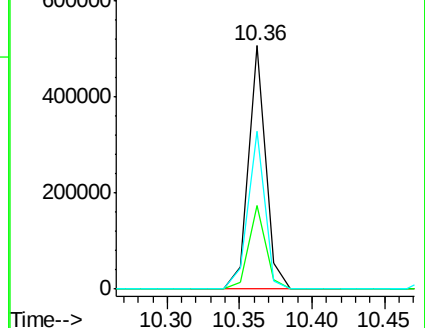
141 64.7 59.4 89.0

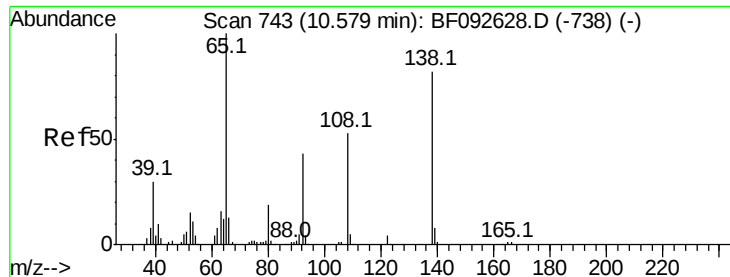


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





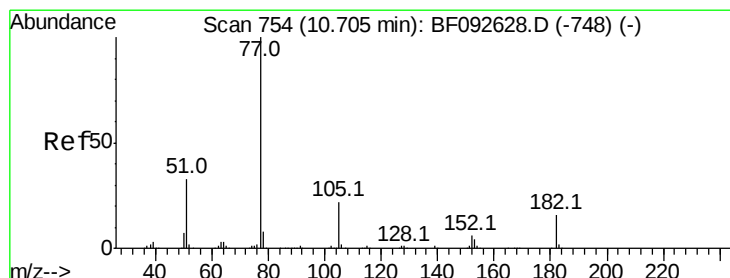
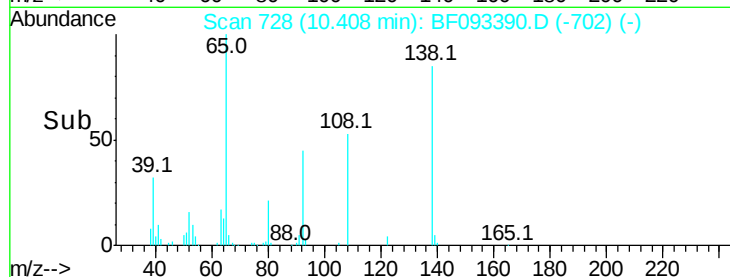
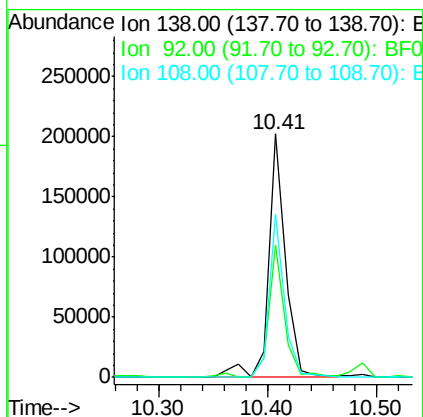
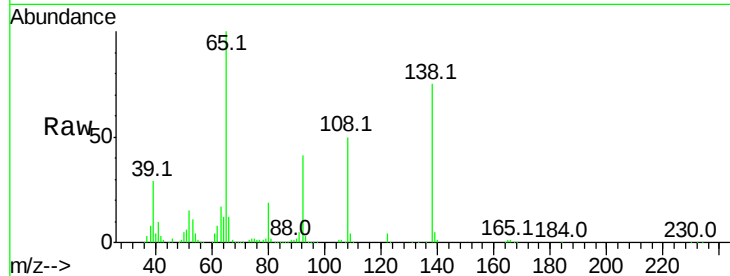
#61
4-Nitroaniline
Concen: 41.07 ng
RT: 10.41 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

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

Tot Ion	Ratio	Lower	Upper
138	100		
92	54.1	31.7	71.7
108	66.8	52.6	92.6

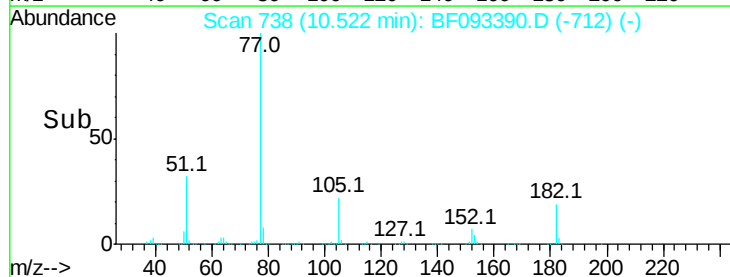
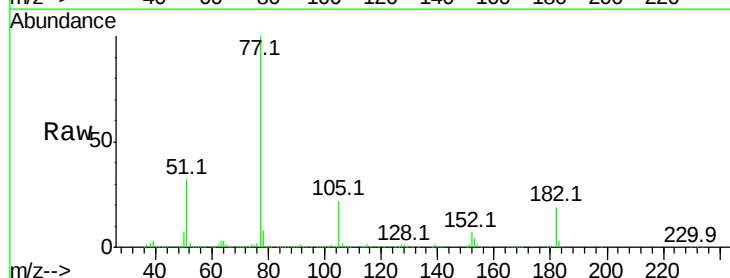
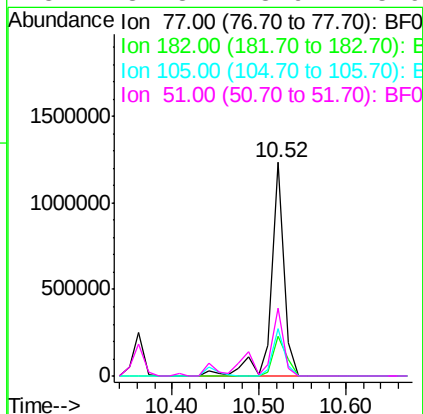
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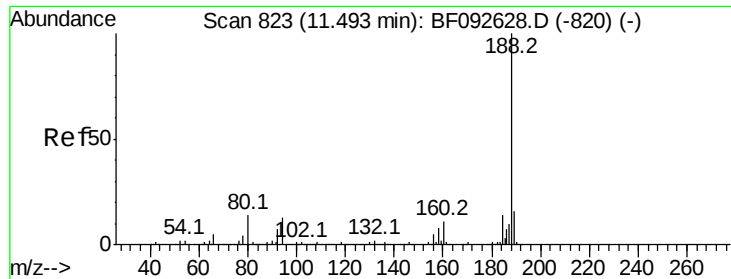
mohammad
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#62
Azobenzene
Concen: 60.10 ng
RT: 10.52 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.7	0.0	39.3
105	22.3	2.3	42.3
51	31.8	8.9	48.9





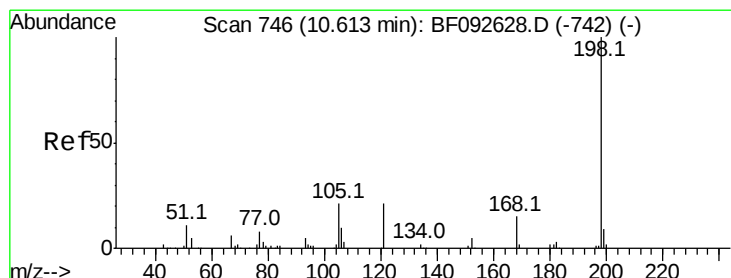
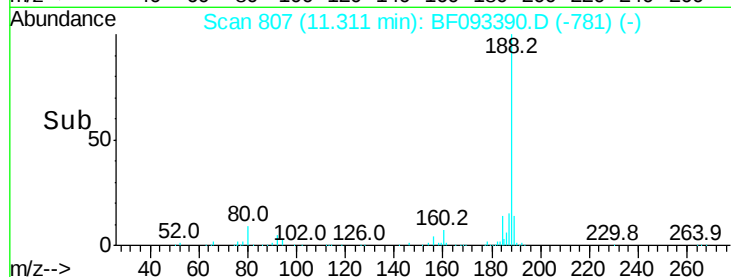
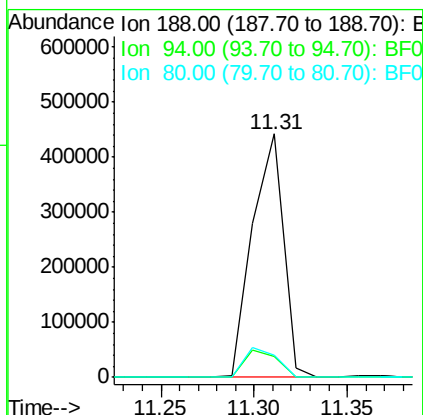
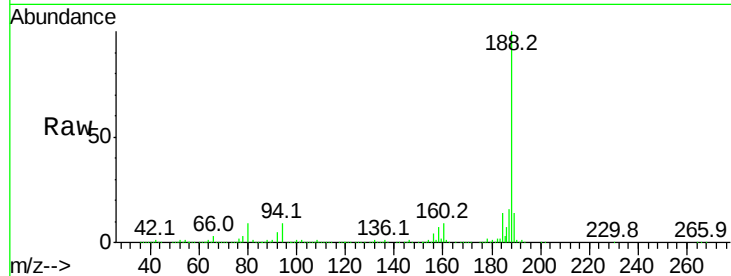
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

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

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.8	10.0	15.0#
80	9.3	11.2	16.8#

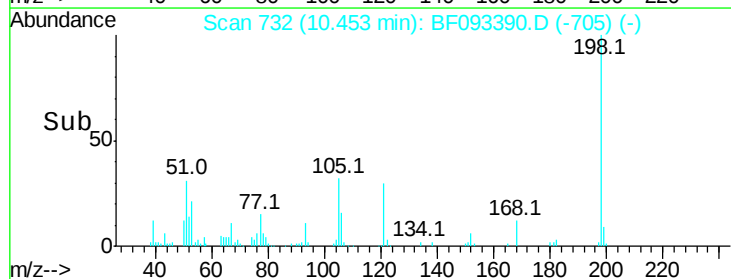
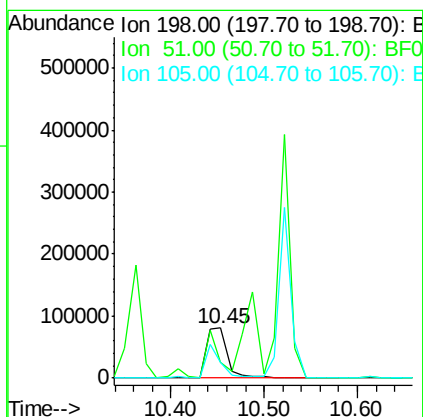
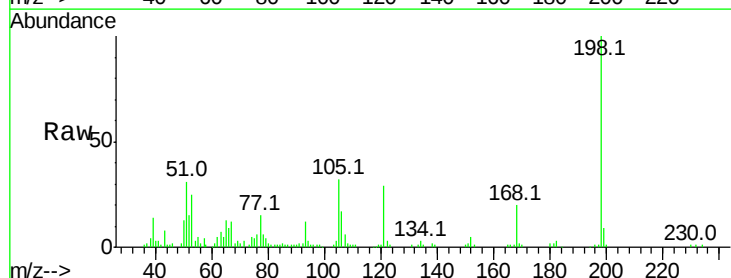
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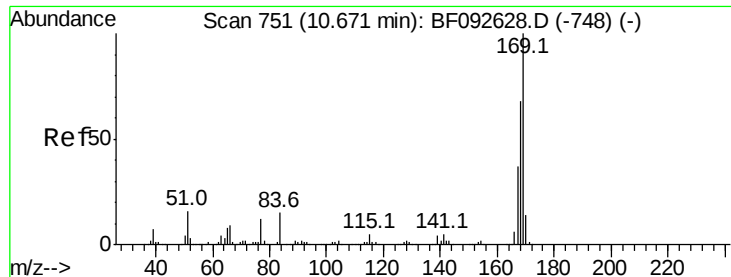
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 41.35 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.01 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	31.4	6.7	46.7
105	32.0	16.6	56.6





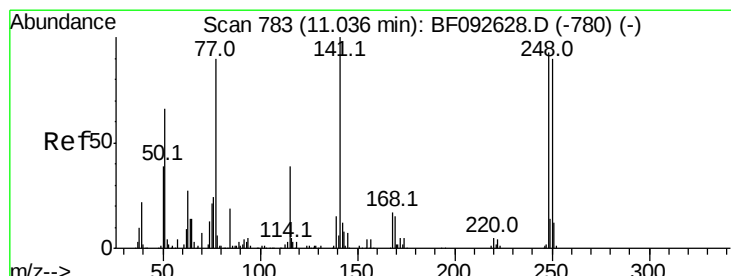
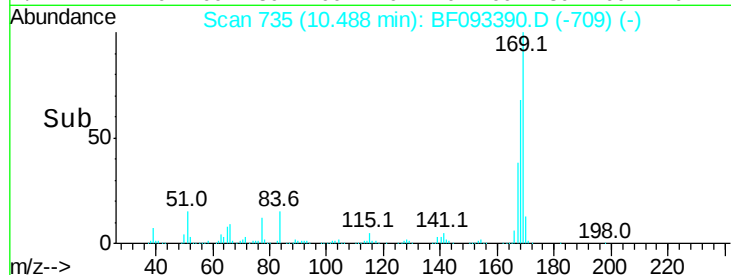
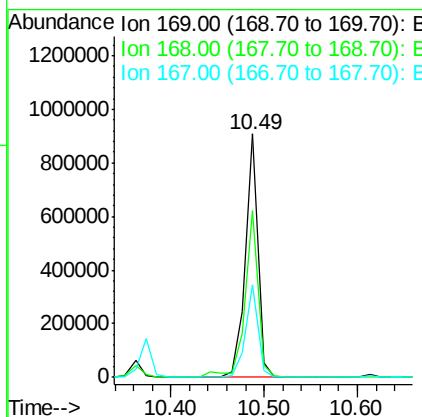
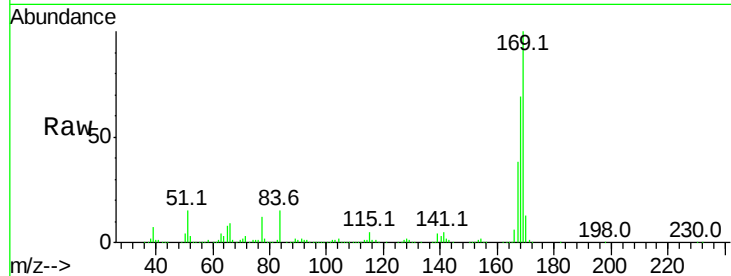
#65
n-Nitrosodiphenylamine
Concen: 51.93 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

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

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.5	54.2	81.2
167	38.1	30.2	45.4

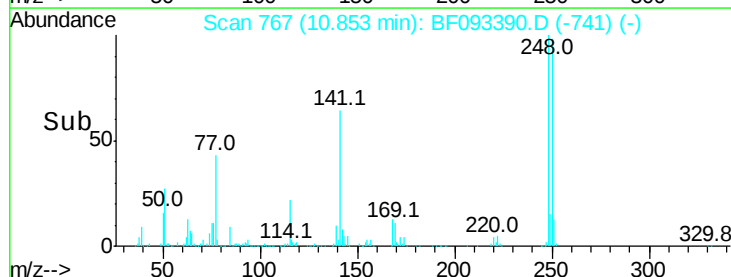
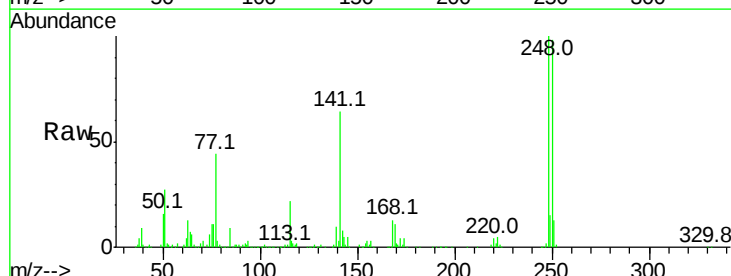
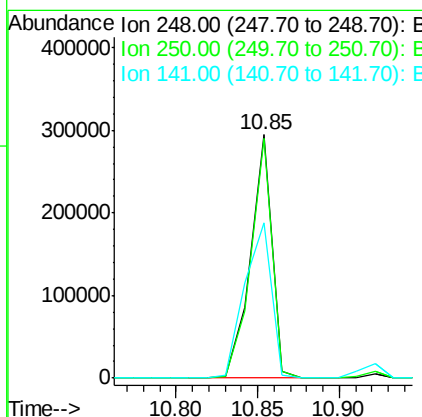
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#66
4-Bromophenyl-phenylether
Concen: 50.47 ng
RT: 10.85 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.2	76.9	115.3
141	63.5	68.2	102.4#





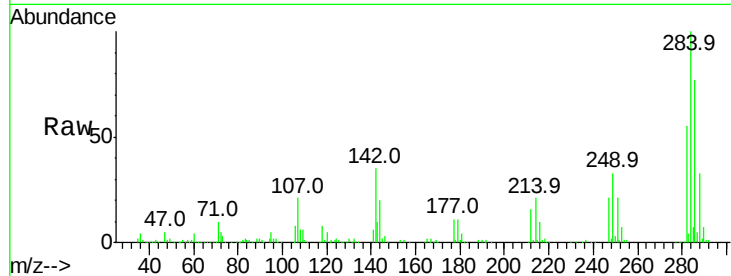
#67
Hexachlorobenzene
Concen: 46.75 ng
RT: 10.92 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

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

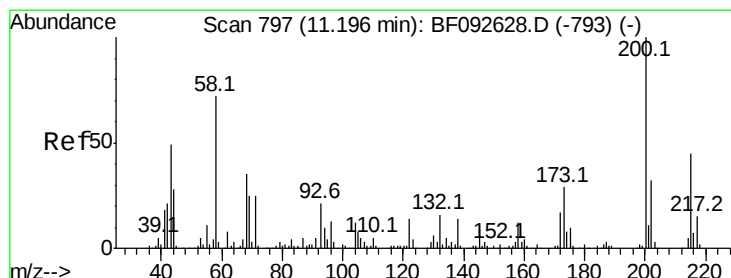
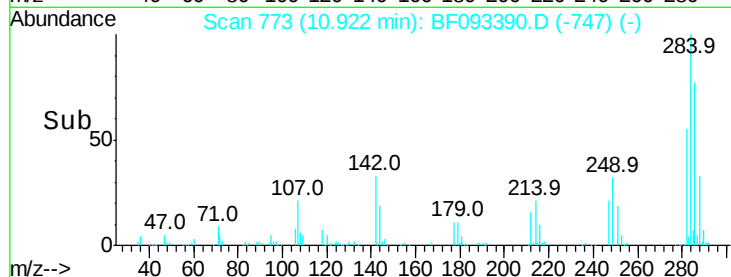
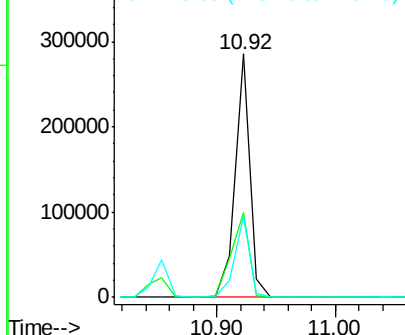
Tot Ion	Ratio	Resp	Lower	Upper
284	100	245934		
142	34.6	22.6	33.8#	
249	33.4	25.4	38.0	

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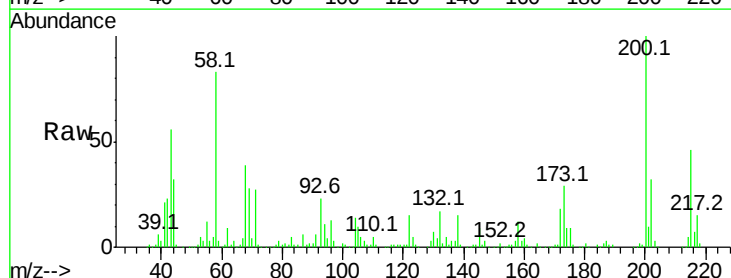


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

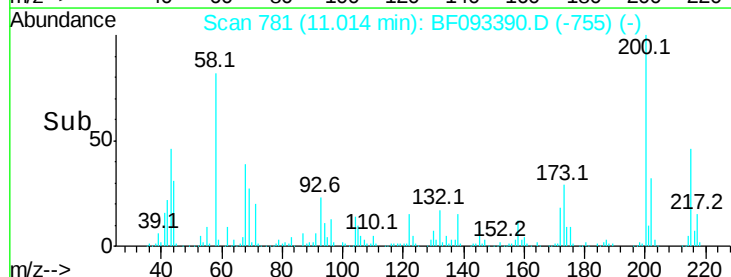
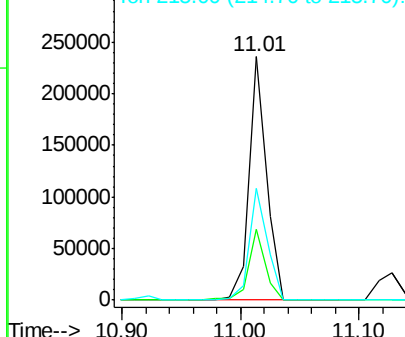


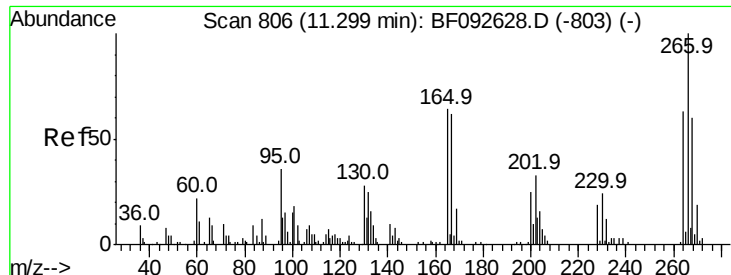
#68
Atrazine
Concen: 46.46 ng
RT: 11.01 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	242649		
173	29.0	9.6	49.6	
215	45.9	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





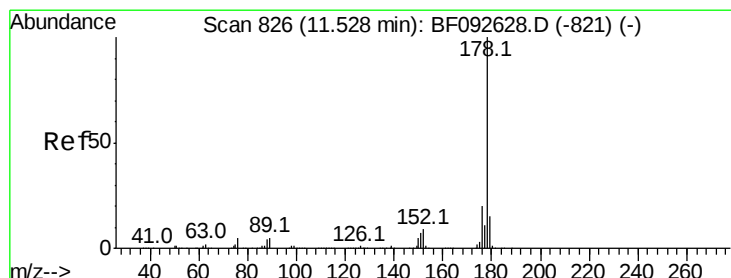
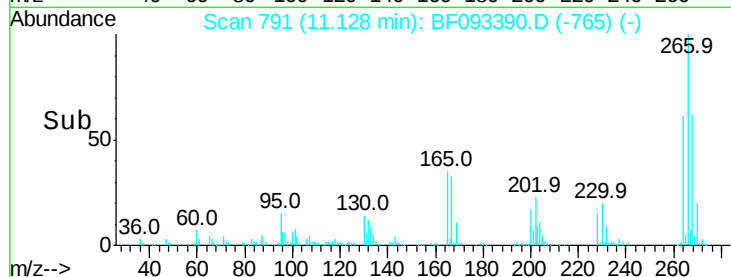
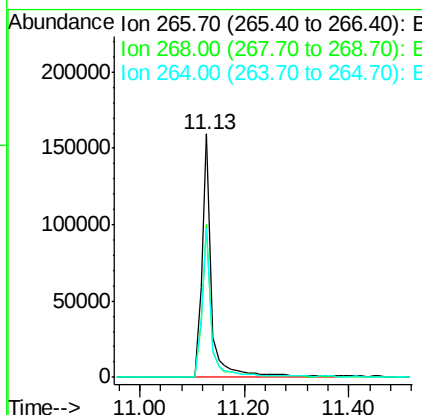
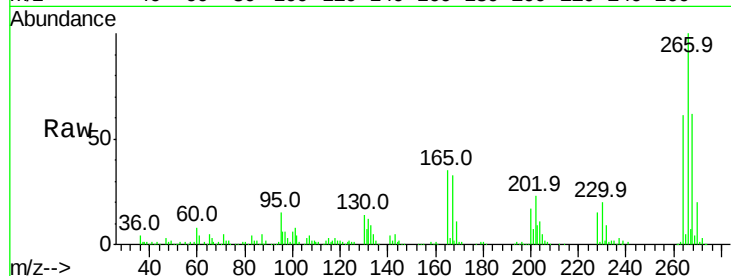
#69
 Pentachlorophenol
 Concen: 76.40 ng
 RT: 11.13 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF093390.D
 Acq: 4 Mar 2017 7:32

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

Tot Ion	Ratio	Resp	Lower	Upper
266	100	206503		
268	62.5	53.3	79.9	
264	61.2	50.3	75.5	

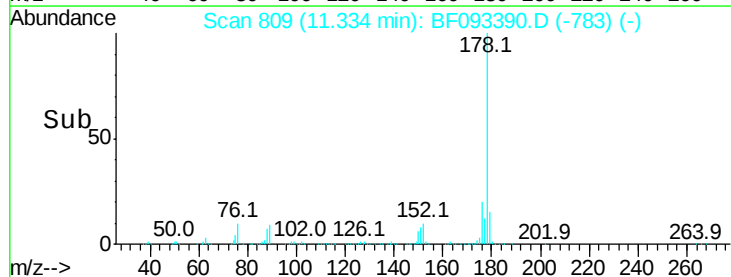
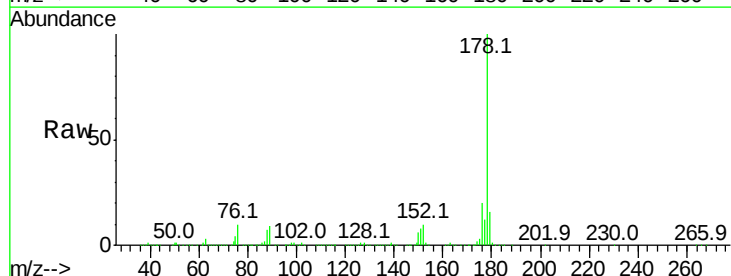
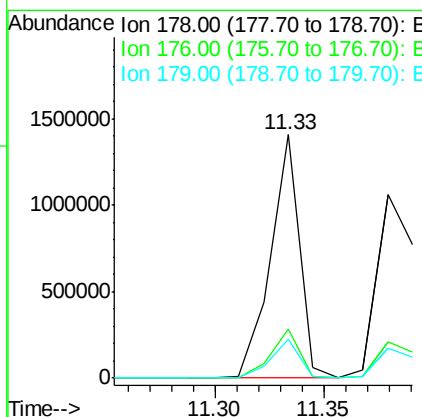
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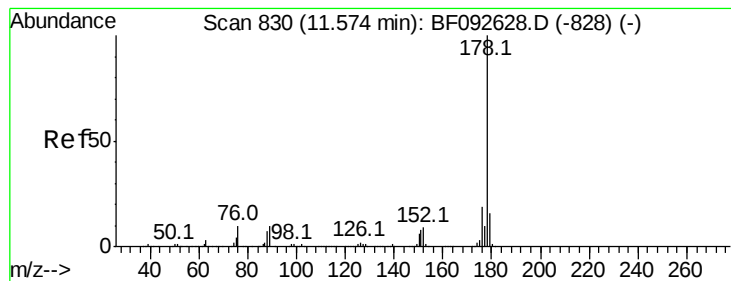
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#70
 Phenanthrene
 Concen: 45.13 ng
 RT: 11.33 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF093390.D
 Acq: 4 Mar 2017 7:32

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1317260		
176	20.2	16.6	25.0	
179	15.7	12.8	19.2	





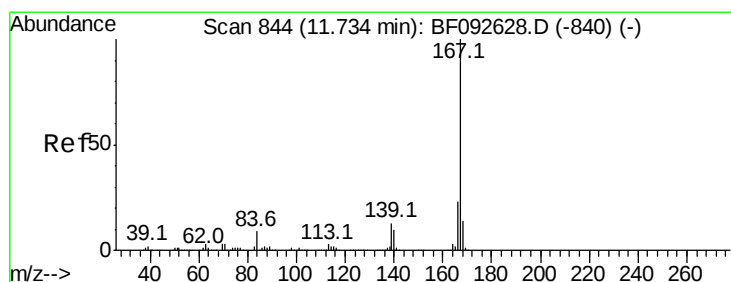
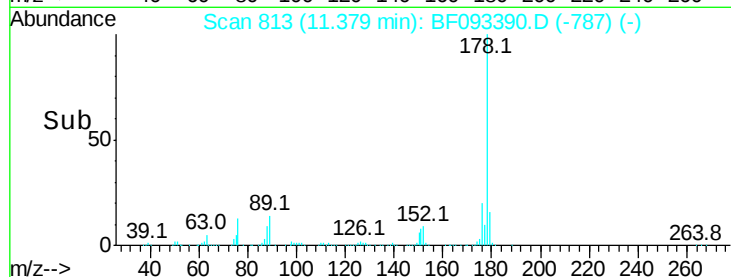
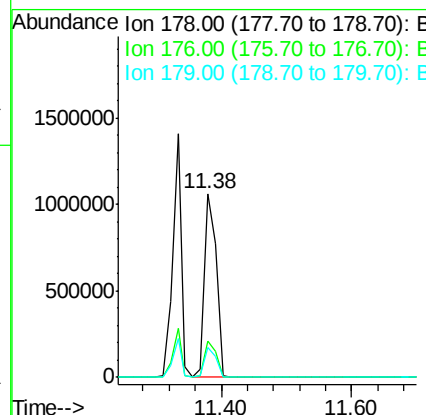
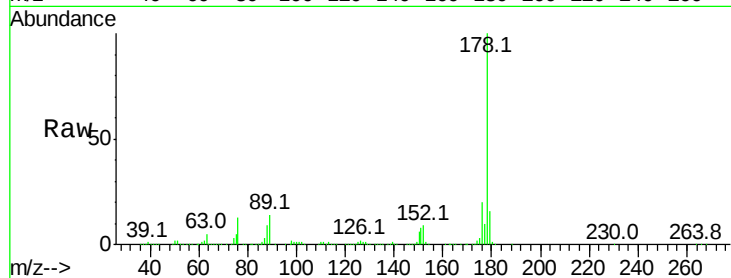
#71
 Anthracene
 Concen: 44.72 ng
 RT: 11.38 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF093390.D
 Acq: 4 Mar 2017 7:32

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

Tot Ion:178 Resp: 1310854
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.9 23.9
 179 16.3 13.2 19.8

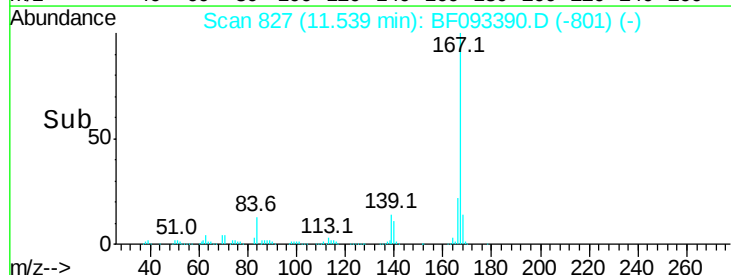
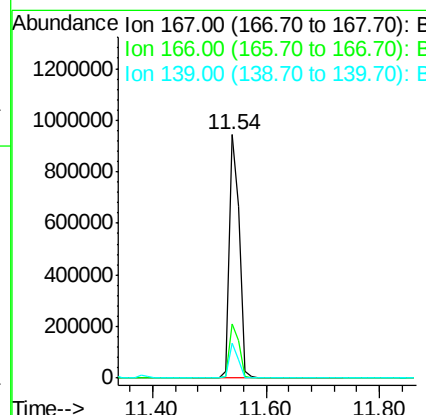
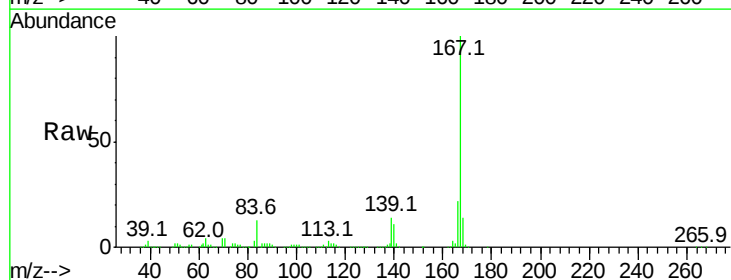
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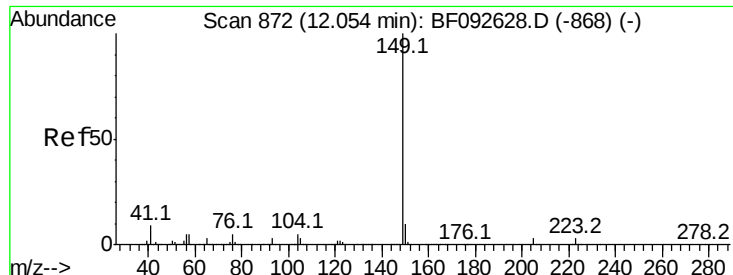
mohammad
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#72
 Carbazole
 Concen: 41.09 ng
 RT: 11.54 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BF093390.D
 Acq: 4 Mar 2017 7:32

Tgt Ion:167 Resp: 1151323
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.2
 139 14.3 11.4 17.2





#73

Di-n-butylphthalate

Concen: 53.31 ng

RT: 11.87 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

Instrument :

BNA_F

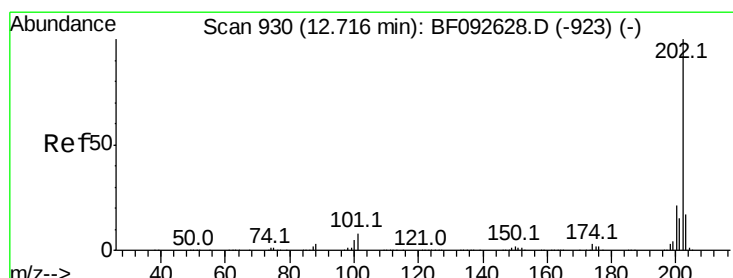
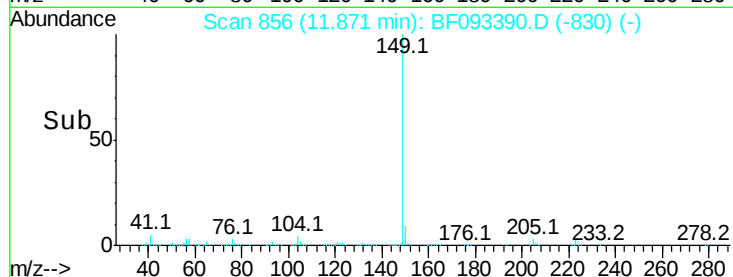
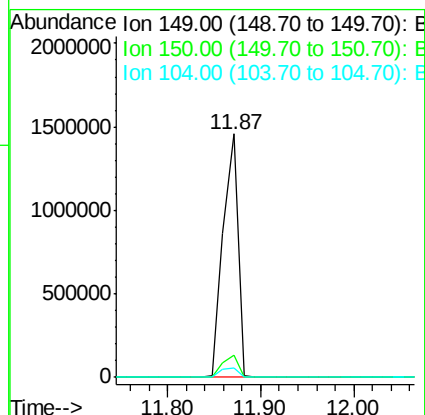
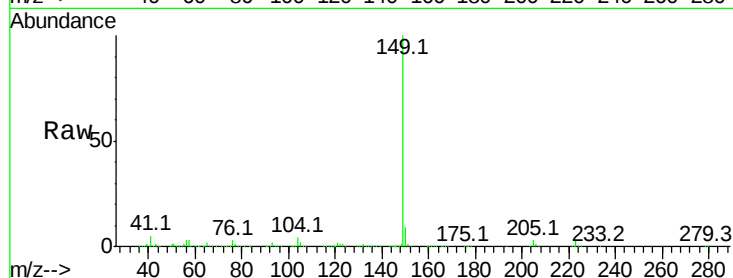
ClientSampleId :

FK-BPM-02-002-ABCDMSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.2	8.1	12.1
104	3.8	4.6	7.0

Manual Integrations
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#74

Fluoranthene

Concen: 39.26 ng

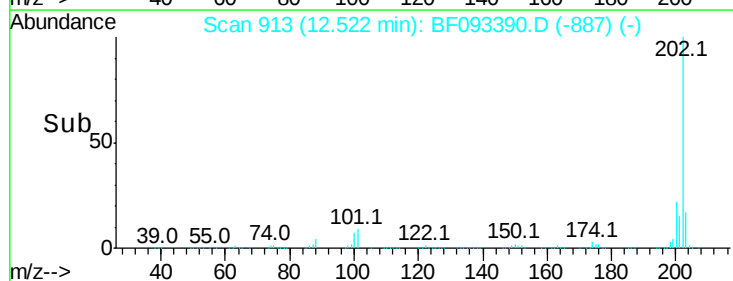
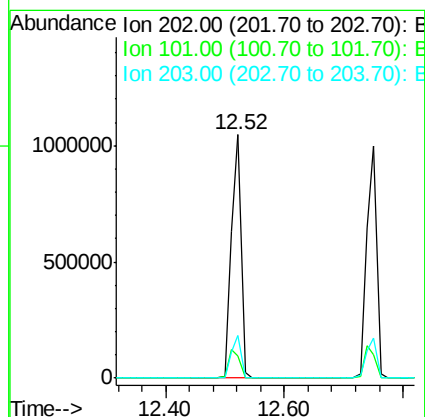
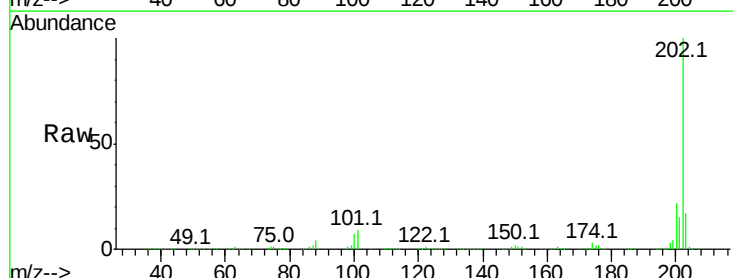
RT: 12.52 min Scan# 913

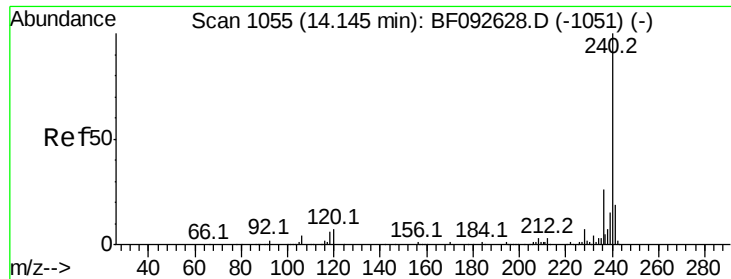
Delta R.T. 0.00 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	34.6
203	17.5	0.0	38.7





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

Instrument :

BNA_F

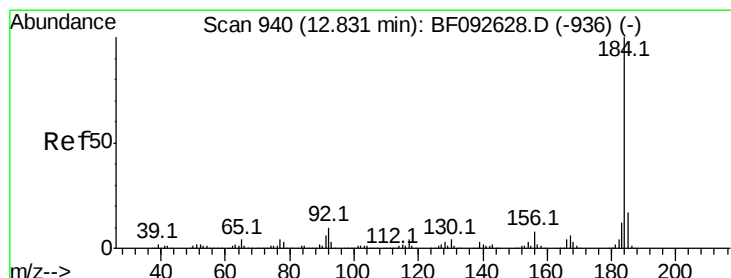
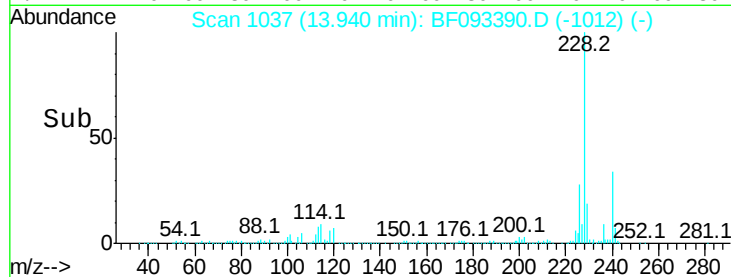
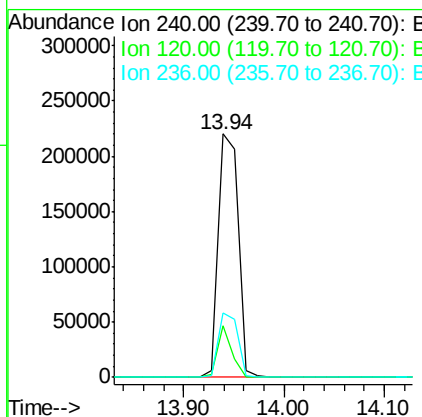
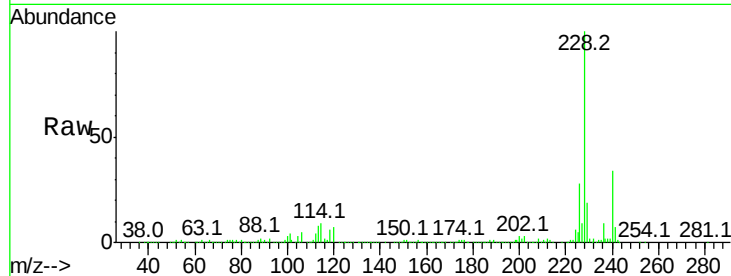
ClientSampleId :

FK-BPM-02-002-ABCDMSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	21.1	12.9	19.3#
236	26.3	20.9	31.3

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#76

Benzidine

Concen: 28.72 ng

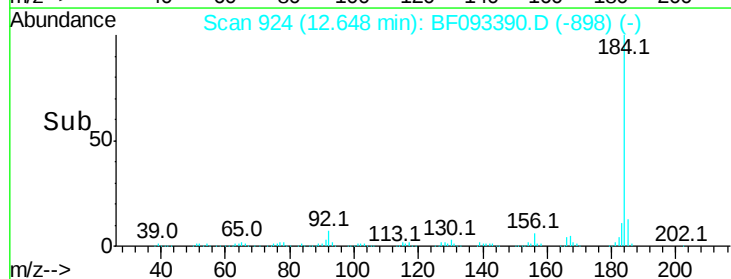
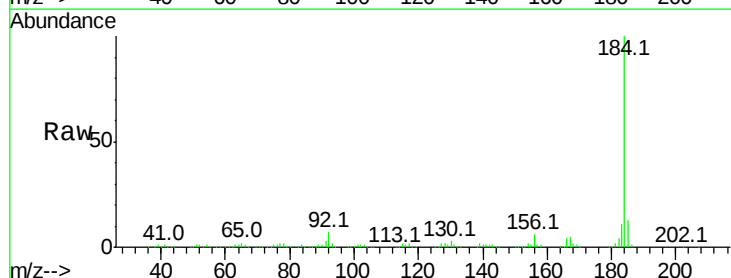
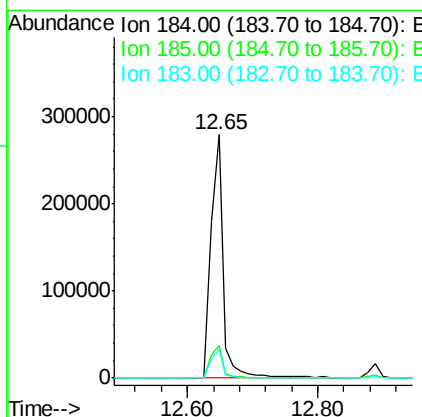
RT: 12.65 min Scan# 924

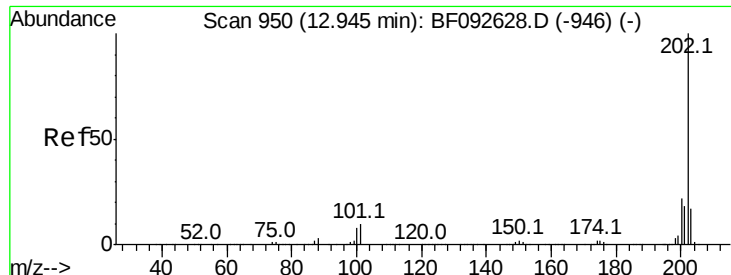
Delta R.T. 0.00 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.4	13.4	20.0
183	11.5	9.2	13.8





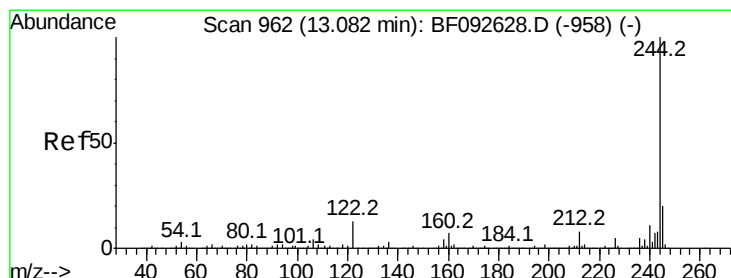
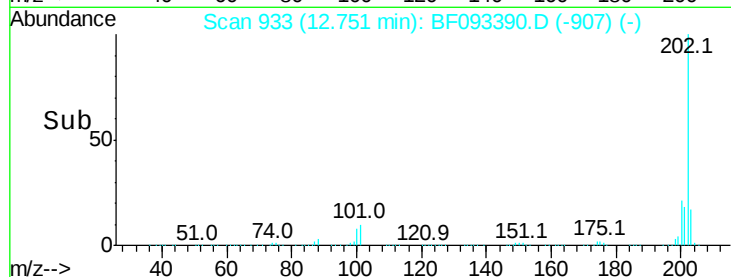
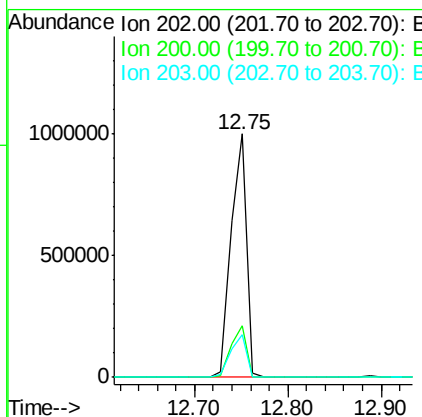
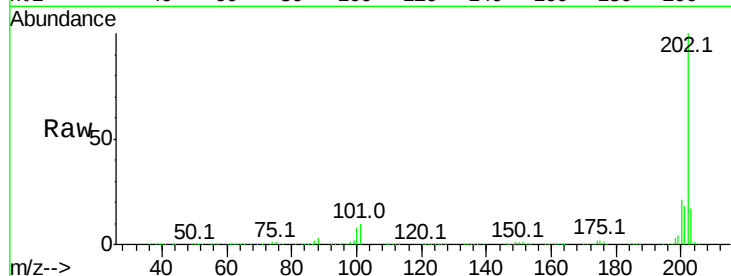
#77
Pvrene
Concen: 51.13 ng
RT: 12.75 min Scan# 933
Delta R.T. 0.00 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

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

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.7	26.5
203	17.3	14.7	22.1

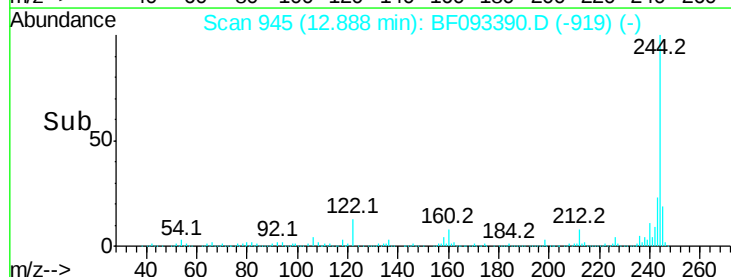
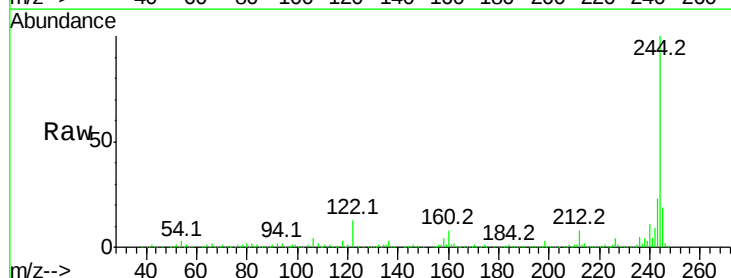
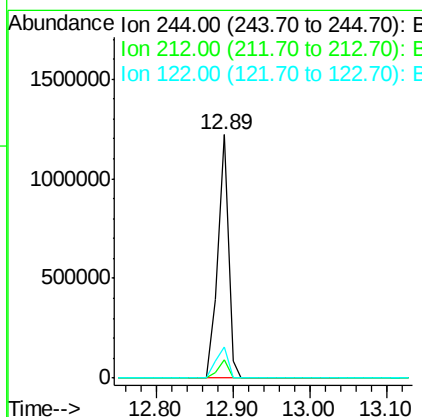
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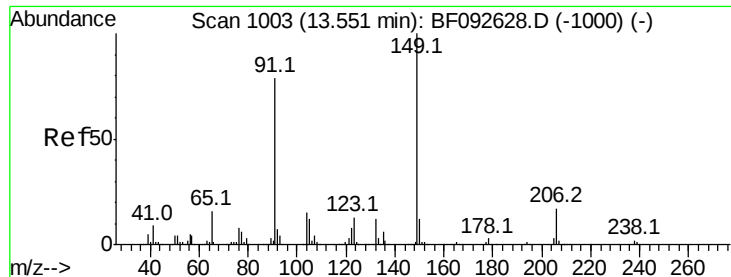
mohammad
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#78
Terphenyl-d14
Concen: 91.02 ng
RT: 12.89 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	12.9	11.4	17.2





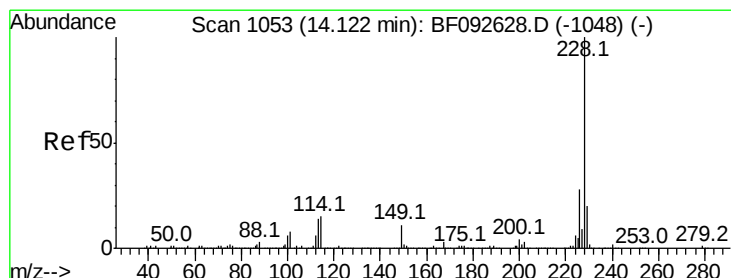
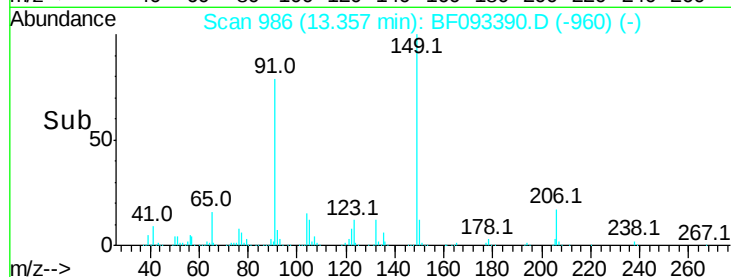
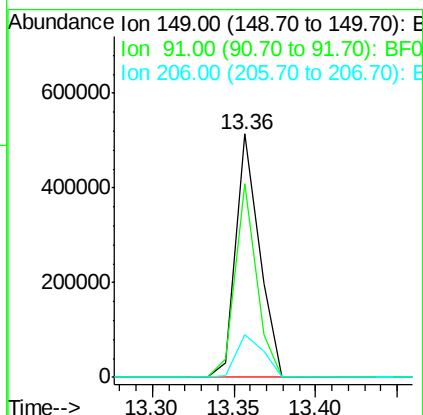
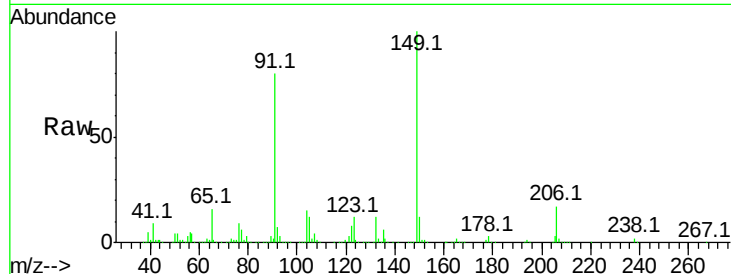
#79
Butylbenzylphthalate
Concen: 55.41 ng
RT: 13.36 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100	511515		
91	79.6	63.9	95.9	
206	17.5	14.6	21.8	

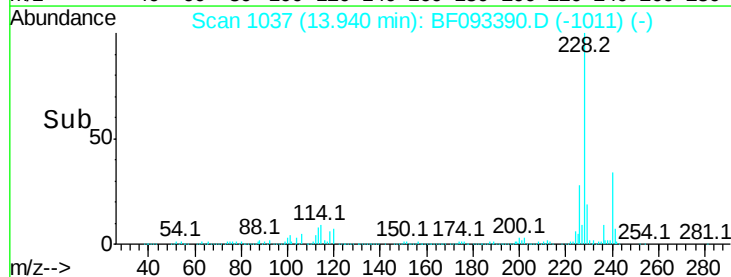
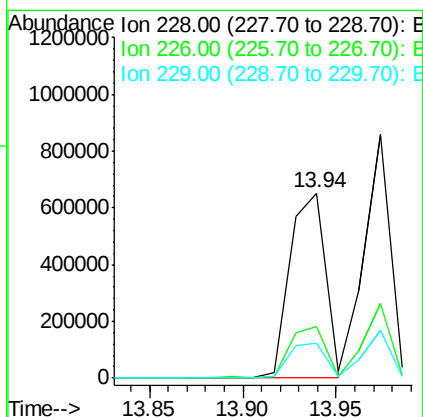
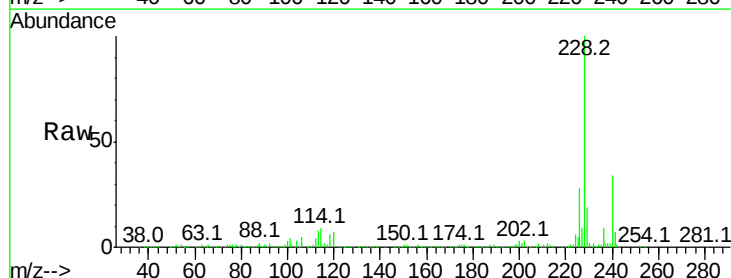
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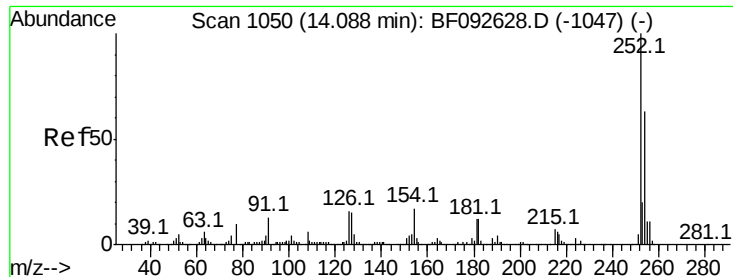
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#80
Benzo(a)anthracene
Concen: 46.74 ng
RT: 13.94 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	868234		
226	28.0	22.4	33.6	
229	19.3	16.2	24.4	





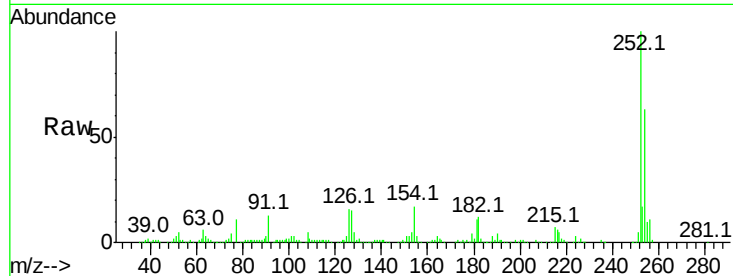
#81
3,3'-Dichlorobenzidine
Concen: 41.54 ng
RT: 13.89 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

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

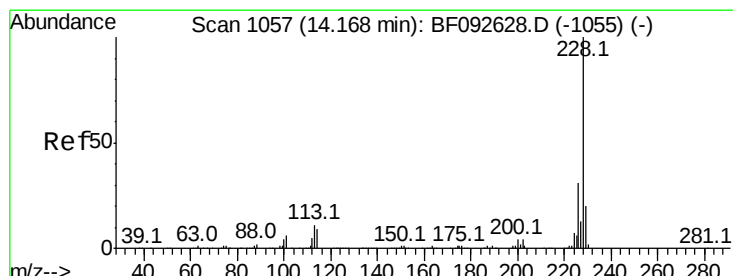
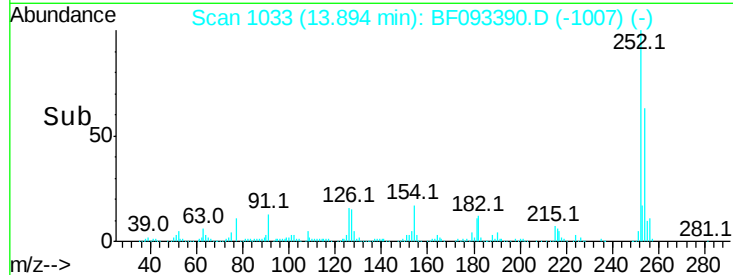
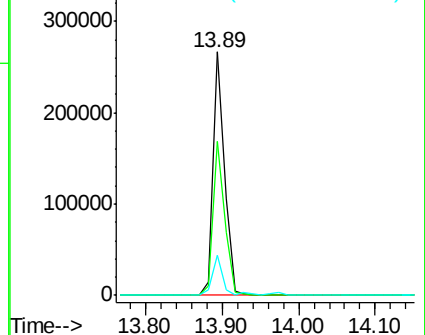
Tot Ion	Ratio	Resp	Lower	Upper
252	100	275113		
254	63.3	52.3	78.5	
126	16.4	13.6	20.4	

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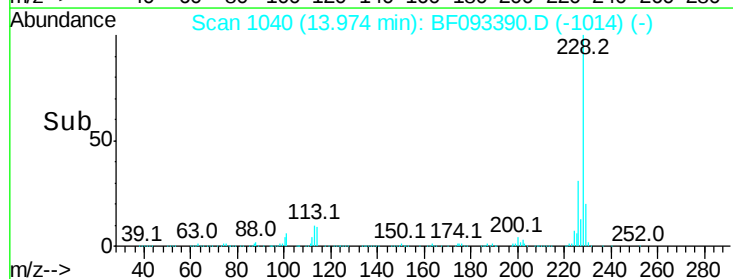
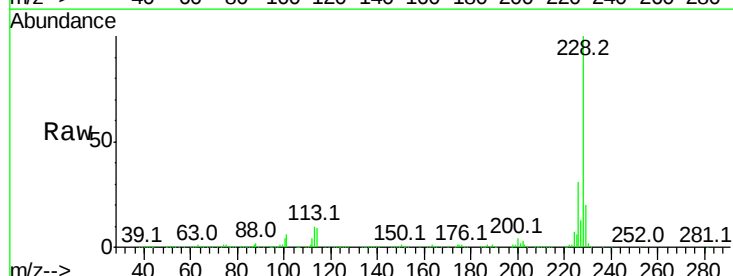
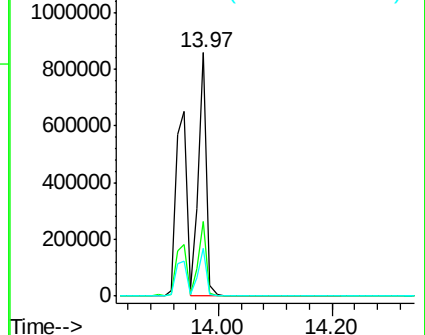
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

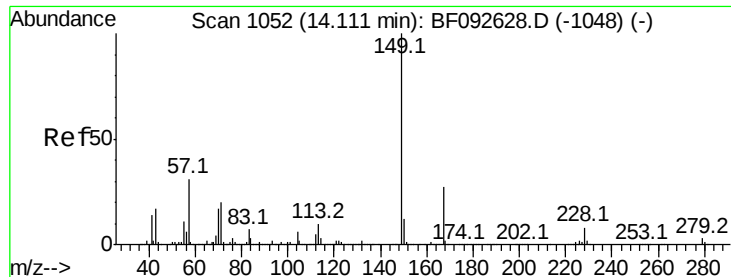


#82
Chrysene
Concen: 48.29 ng
RT: 13.97 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	839982		
226	30.8	25.4	38.0	
229	19.7	16.2	24.2	

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





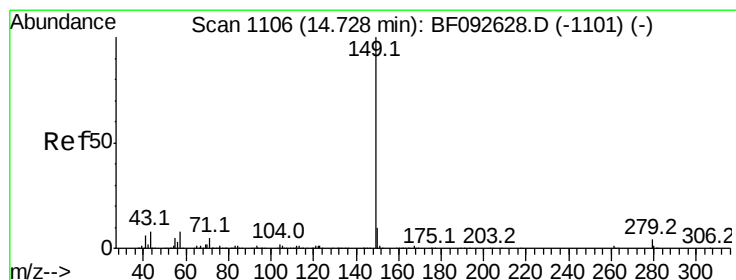
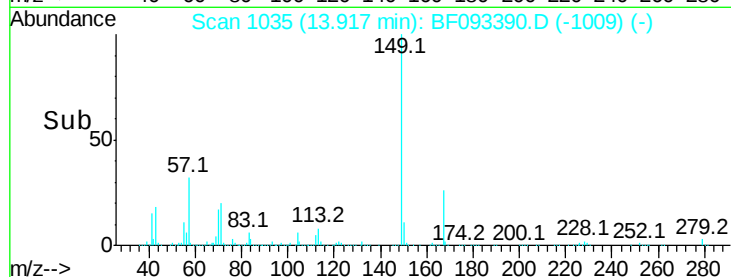
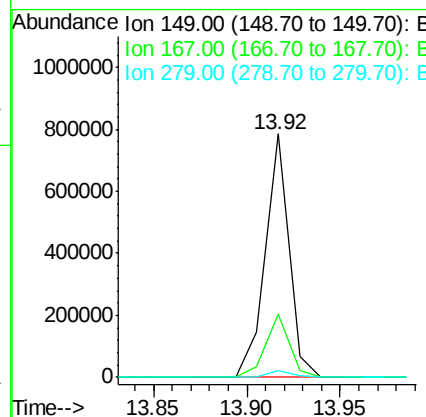
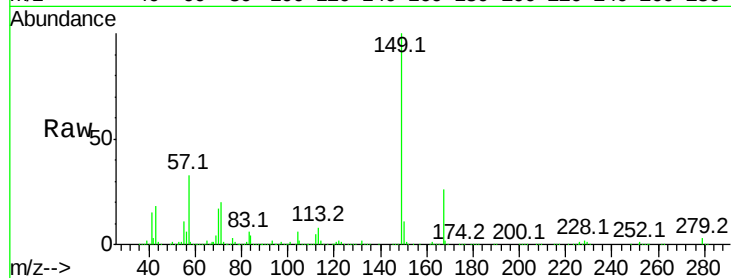
#83
Bis(2-ethylhexyl)phthalate
Concen: 54.68 ng
RT: 13.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

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

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.1	20.2	30.4
279	2.7	1.8	2.8

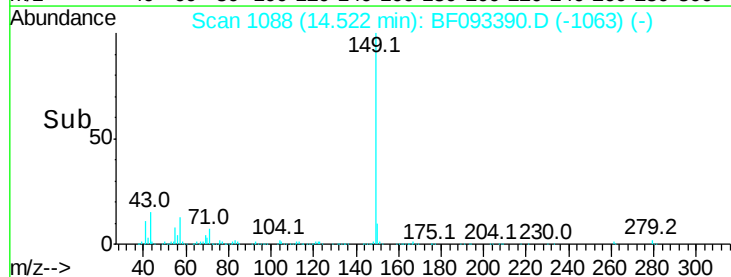
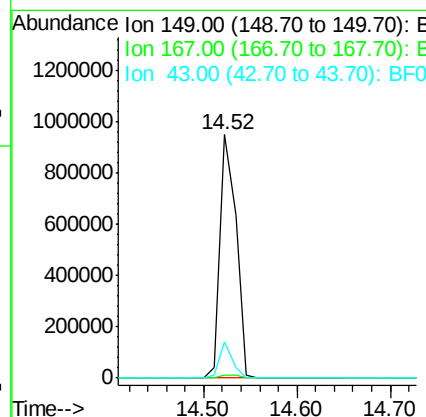
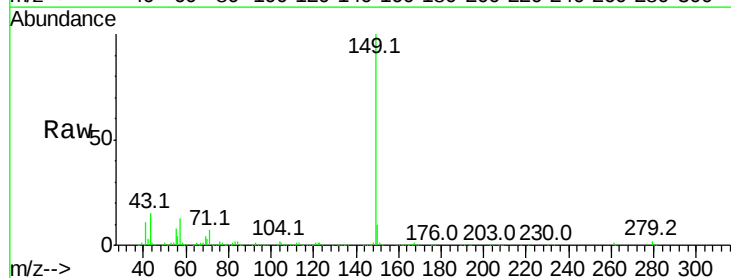
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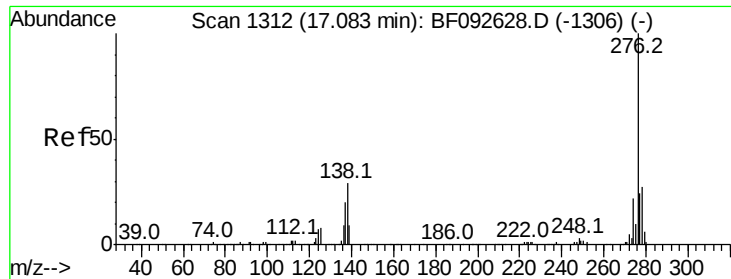
mohammad
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#84
Di-n-octyl phthalate
Concen: 54.98 ng
RT: 14.52 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	12.0	8.9	13.3





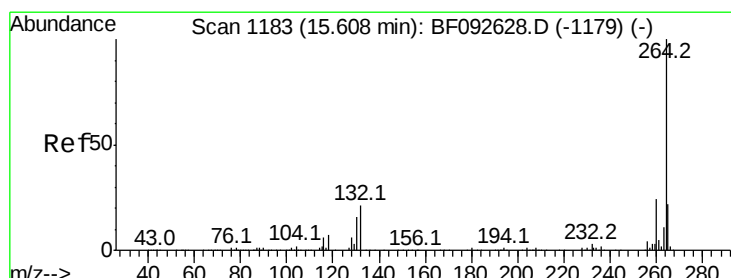
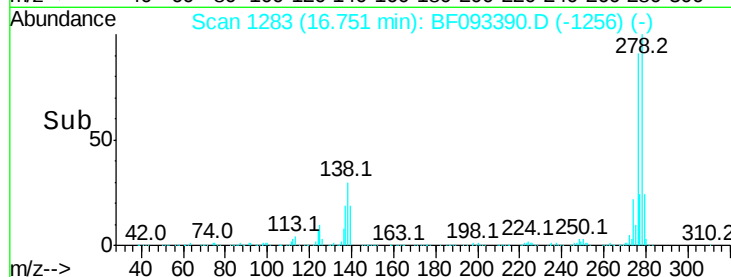
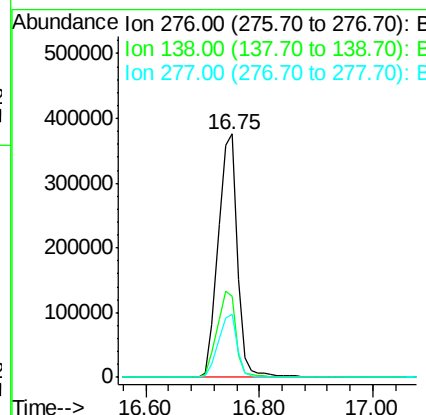
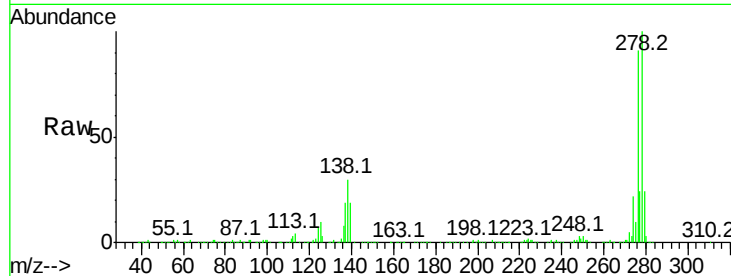
#85
Indeno(1,2,3-cd)pyrene
Concen: 65.35 ng
RT: 16.75 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.9	21.8	32.6#
277	25.8	20.2	30.4

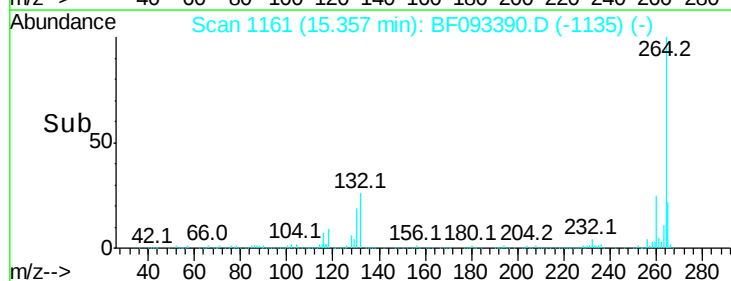
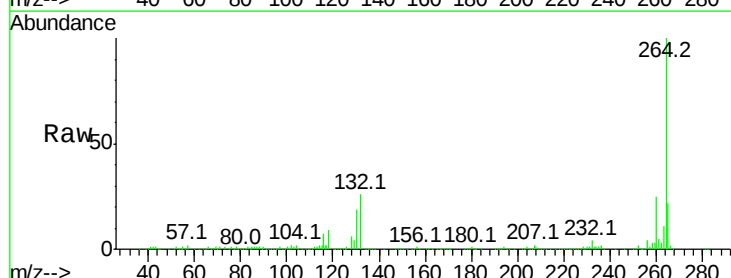
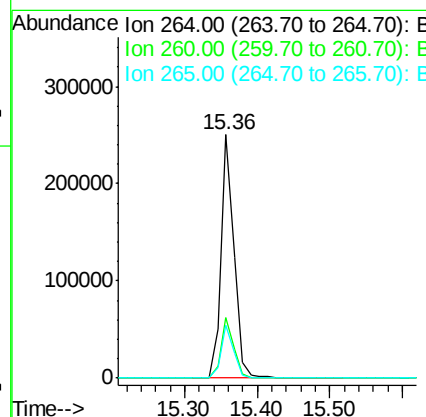
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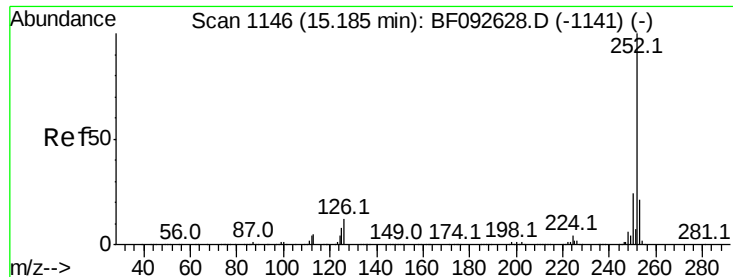
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.0	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 39.95 ng m

RT: 14.96 min Scan# 1126

Delta R.T. 0.00 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

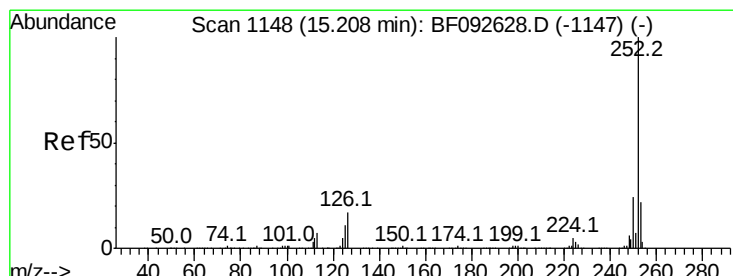
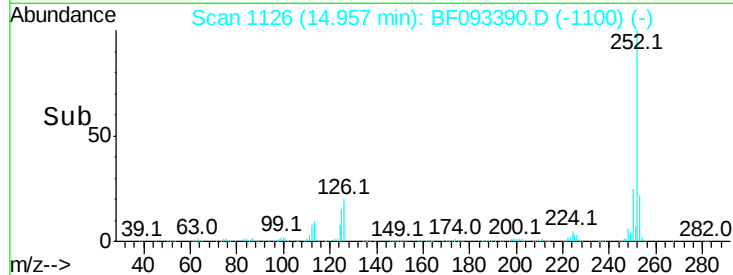
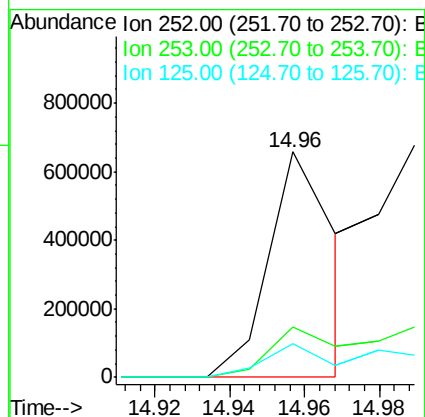
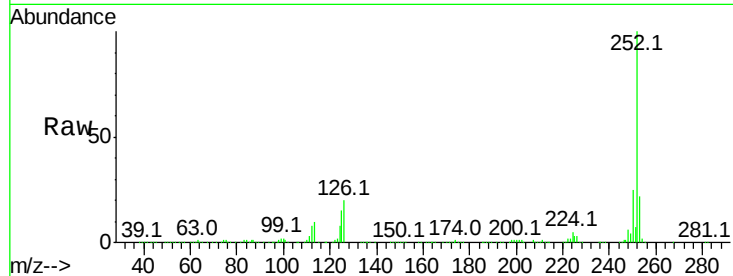
Instrument :
BNA_F

ClientSampleId :
FK-BPM-02-002-ABCDMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	14.8	9.8	14.6

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#88

Benzo(k)fluoranthene

Concen: 49.17 ng m

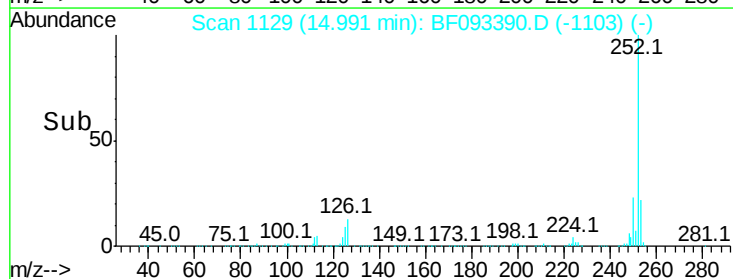
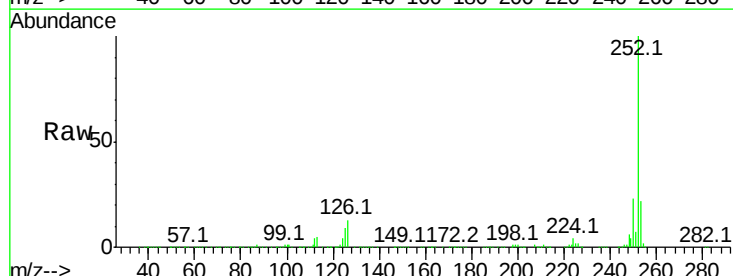
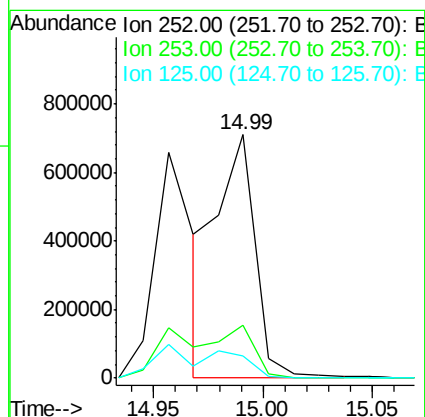
RT: 14.99 min Scan# 1129

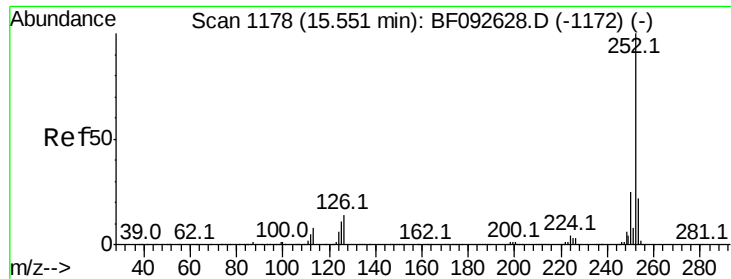
Delta R.T. 0.00 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.5	27.7
125	9.0	8.9	13.3





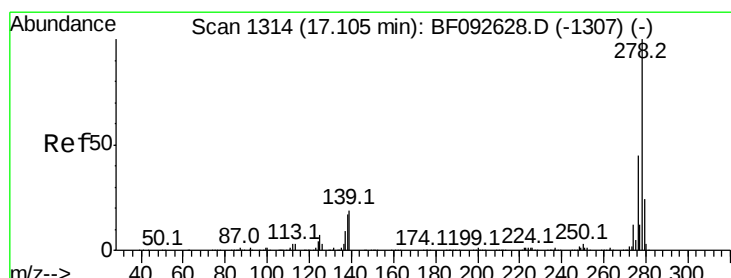
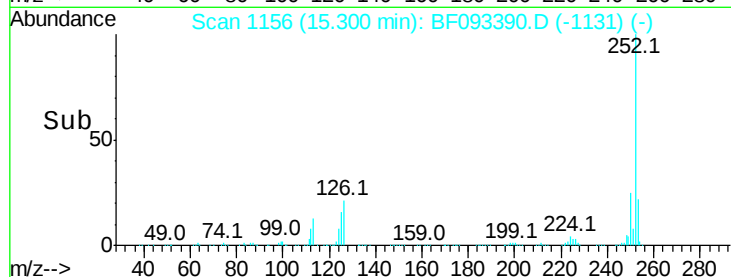
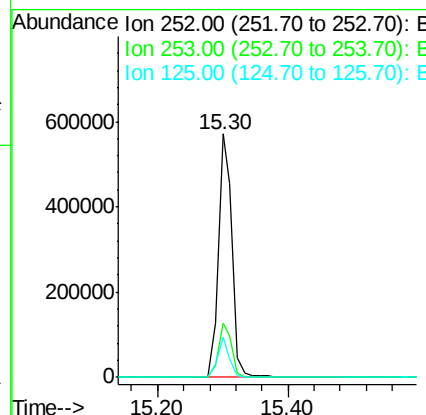
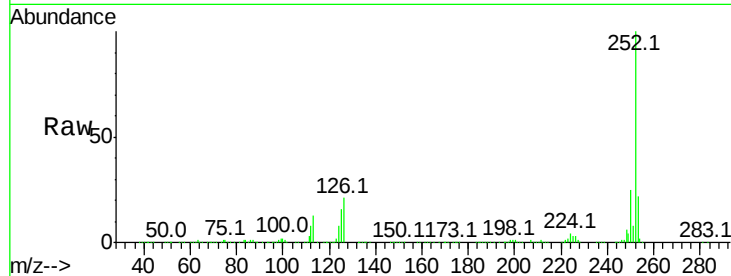
#89
Benzo(a)pyrene
Concen: 47.47 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	16.3	10.0	15.0

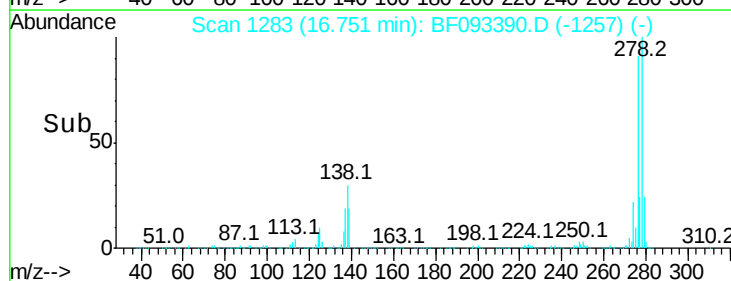
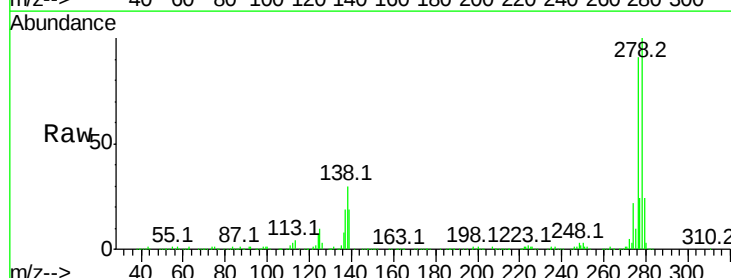
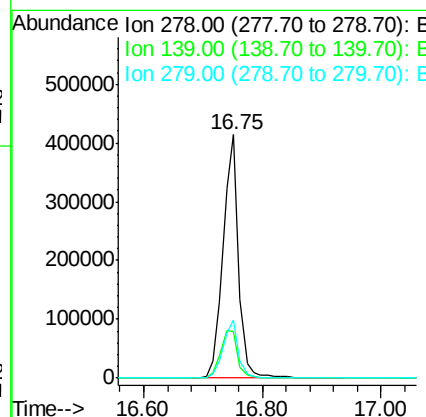
Manual Integrations
APPROVED

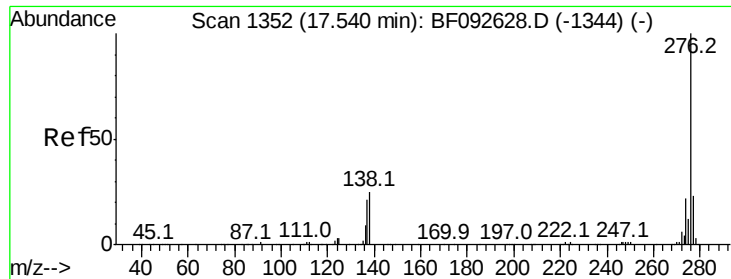
mohammad
3/6/2017 4:23:54 PM



#90
Dibenzo(a,h)anthracene
Concen: 52.53 ng
RT: 16.75 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.2	14.8	22.2
279	24.0	19.8	29.6





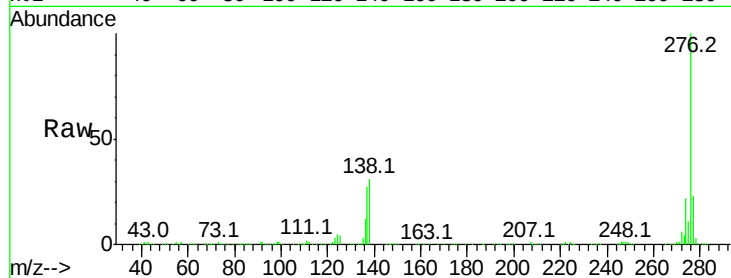
#91
 Benzo(a,h,i)perylene
 Concen: 52.99 ng
 RT: 17.15 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BF093390.D
 Acq: 4 Mar 2017 7:32

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

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.2	28.8
138	30.9	16.0	24.0

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

