

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
 Data File : BF081352.D
 Acq On : 2 Sep 2015 17:04
 Operator : UM/IZ
 Sample : G3492-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-J1-J2-J3-J4MSD

Manual Integrations
 APPROVED

MMDadoda
 9/3/2015 1:44:09 PM

Quant Time: Sep 03 00:11:01 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 22:52:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	61849	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	231909	20.00	ng	0.00
38) Acenaphthene-d10	9.42	164	105367	20.00	ng	0.00
63) Phenanthrene-d10	10.89	188	207370	20.00	ng	0.01
75) Chrysene-d12	13.50	240	174574	20.00	ng	0.00
86) Perylene-d12	14.80	264	113808	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.95	112	616698	154.70	ng	0.02
7) Phenol-d6	6.07	99	887303	168.16	ng	0.01
23) Nitrobenzene-d5	6.97	82	505003	105.06	ng	0.00
41) 2,4,6-Tribromophenol	10.20	330	147723	157.46	ng	0.00
44) 2-Fluorobiphenyl	8.76	172	816916	99.35	ng	0.00
78) Terphenyl-d14	12.47	244	643178	85.76	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.82	88	73469	41.04	ng	# 91
3) Pyridine	2.35	79	209125	42.36	ng	# 85
4) n-Nitrosodimethylamine	2.33	42	137586	50.17	ng	# 77
6) Aniline	6.06	93	228346	30.65	ng	# 48
8) 2-Chlorophenol	6.17	128	204416	46.54	ng	# 68
9) Benzaldehyde	5.92	77	33913	10.26	ng	# 71
10) Phenol	6.08	94	353008	57.69	ng	# 63
11) bis(2-Chloroethyl)ether	6.15	93	231185	52.36	ng	# 93
12) 1,3-Dichlorobenzene	6.33	146	210341	44.82	ng	# 96
13) 1,4-Dichlorobenzene	6.41	146	221442	46.34	ng	# 94
14) 1,2-Dichlorobenzene	6.56	146	200248m	46.54	ng	# 94
15) Benzyl Alcohol	6.56	79	214077	49.46	ng	# 73
16) 2,2'-oxybis(1-Chloropropan	6.70	45	404992	47.86	ng	# 74
17) 2-Methylphenol	6.68	107	170633	48.68	ng	# 75
18) Hexachloroethane	6.90	117	87460	47.04	ng	# 84
19) n-Nitroso-di-n-propylamine	6.83	70	175011	48.73	ng	# 90
20) 3+4-Methylphenols	6.84	107	217251	45.97	ng	# 87
22) Acetophenone	6.82	105	313891	49.55	ng	# 78
24) Nitrobenzene	6.99	77	275983	55.29	ng	# 70
25) Isophorone	7.23	82	443805	49.64	ng	# 83
26) 2-Nitrophenol	7.30	139	102157	46.96	ng	# 22
27) 2,4-Dimethylphenol	7.37	122	198330	52.78	ng	# 77
28) bis(2-Chloroethoxy)methane	7.46	93	278897	54.00	ng	# 92
29) 2,4-Dichlorophenol	7.55	162	168763	51.79	ng	# 88
30) 1,2,4-Trichlorobenzene	7.63	180	178573	50.45	ng	# 99
31) Naphthalene	7.70	128	611220	49.42	ng	# 97
32) Benzoic acid	7.51	122	50394	20.33	ng	# 61
33) 4-Chloroaniline	7.76	127	83728	16.60	ng	# 79
34) Hexachlorobutadiene	7.83	225	108875	50.54	ng	# 98
35) Caprolactam	8.16	113	62588m	62.63	ng	# 98
36) 4-Chloro-3-methylphenol	8.27	107	197240	54.08	ng	# 75
37) 2-Methylnaphthalene	8.39	142	389231	48.36	ng	# 88
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	156883	47.08	ng	# 95
40) Hexachlorocyclopentadiene	8.55	237	168751	103.19	ng	# 96

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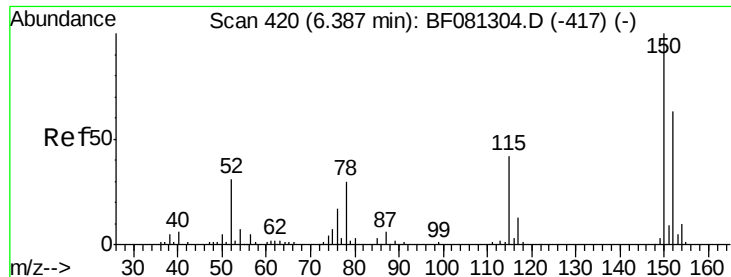
Manual Integrations
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 9/3/2015 1:44:09 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.68	196	130369	56.69	ng	98
43) 2,4,5-Trichlorophenol	8.73	196	122676	52.29	ng #	87
45) 1,1'-Biphenyl	8.86	154	439640	45.35	ng	95
46) 2-Chloronaphthalene	8.88	162	372893	53.27	ng #	90
47) 2-Nitroaniline	8.98	65	133782	46.89	ng #	55
48) Acenaphthylene	9.28	152	566665	45.63	ng	97
49) Dimethylphthalate	9.18	163	549432	67.11	ng #	98
50) 2,6-Dinitrotoluene	9.23	165	82529	44.42	ng #	25
51) Acenaphthene	9.45	154	336434	47.62	ng	89
52) 3-Nitroaniline	9.39	138	66121	31.26	ng #	47
53) 2,4-Dinitrophenol	9.51	184	69940	89.37	ng #	53
54) Dibenzofuran	9.62	168	511536	49.59	ng #	80
55) 4-Nitrophenol	9.59	139	133592	100.53	ng #	2
56) 2,4-Dinitrotoluene	9.63	165	121746	51.46	ng #	44
57) Fluorene	9.96	166	407106	52.00	ng	95
58) 2,3,4,6-Tetrachlorophenol	9.76	232	99639	55.63	ng	95
59) Diethylphthalate	9.87	149	436534	50.69	ng	95
60) 4-Chlorophenyl-phenylether	9.96	204	175013	47.96	ng #	79
61) 4-Nitroaniline	10.01	138	98862	46.26	ng #	23
62) Azobenzene	10.12	77	513801	53.67	ng	84
64) 4,6-Dinitro-2-methylphenol	10.03	198	57199	49.32	ng #	48
65) n-Nitrosodiphenylamine	10.09	169	334536	44.33	ng	92
66) 4-Bromophenyl-phenylether	10.44	248	101861	48.58	ng #	73
67) Hexachlorobenzene	10.50	284	97375	44.42	ng #	70
68) Atrazine	10.63	200	101568	46.51	ng	82
69) Pentachlorophenol	10.71	266	124646	112.77	ng	97
70) Phenanthrene	10.91	178	626917	54.38	ng	97
71) Anthracene	10.96	178	520742	43.97	ng	98
72) Carbazole	11.13	167	574181	51.66	ng	98
73) Di-n-butylphthalate	11.47	149	628981	47.92	ng #	98
74) Fluoranthene	12.08	202	559483	44.83	ng	91
76) Benzidine	12.22	184	180635	24.10	ng	99
77) Pyrene	12.31	202	683738	52.87	ng	98
79) Butylbenzylphthalate	12.96	149	284463	50.58	ng	99
80) Benzo(a)anthracene	13.49	228	510124	45.88	ng	95
81) 3,3'-Dichlorobenzidine	13.46	252	103973	27.73	ng #	96
82) Chrysene	13.52	228	378911	38.02	ng	95
83) Bis(2-ethylhexyl)phthalate	13.52	149	354758	47.80	ng #	90
84) Di-n-octyl phthalate	14.13	149	584977	47.87	ng	96
85) Indeno(1,2,3-cd)pyrene	15.90	276	333357	45.59	ng #	86
87) Benzo(b)fluoranthene	14.48	252	467638m	57.55	ng	
88) Benzo(k)fluoranthene	14.50	252	321131m	47.63	ng	
89) Benzo(a)pyrene	14.75	252	341552	49.61	ng #	88
90) Dibenzo(a,h)anthracene	15.91	278	279025	52.45	ng #	80
91) Benzo(g,h,i)perylene	16.22	276	272048	53.58	ng #	74

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF081352.D

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BNA_F

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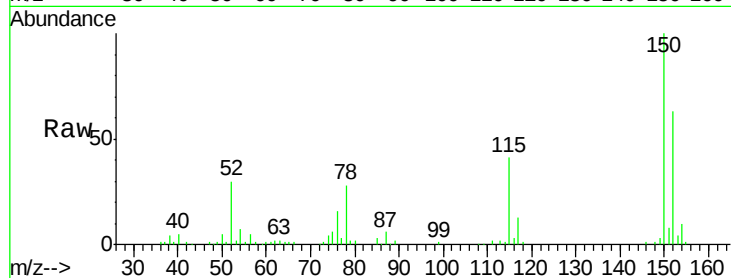
FK-BPM-02-J1-J2-J3-J4MSD

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Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.7	187.1
115	64.8	39.0	58.4

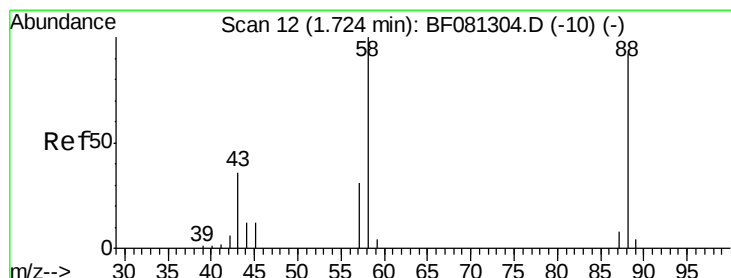
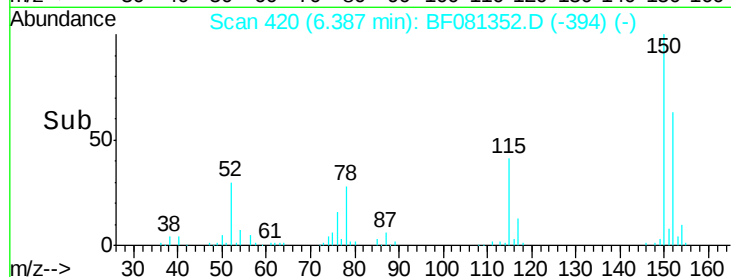
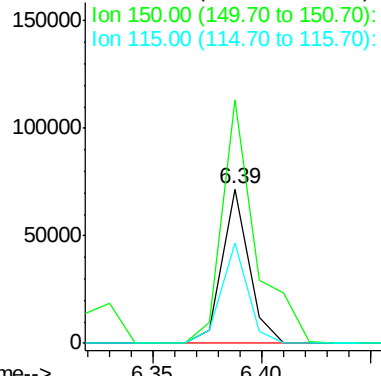


Abundance

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: 41.04 ng

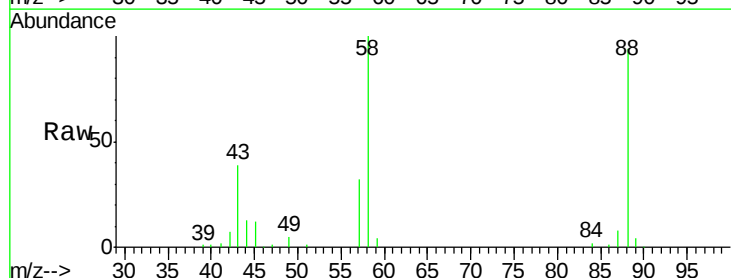
RT: 1.82 min Scan# 20

Delta R.T. 0.09 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	104.8	77.7	116.5
43	40.1	26.6	40.0

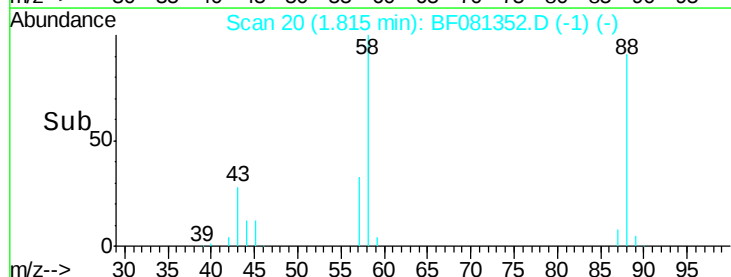
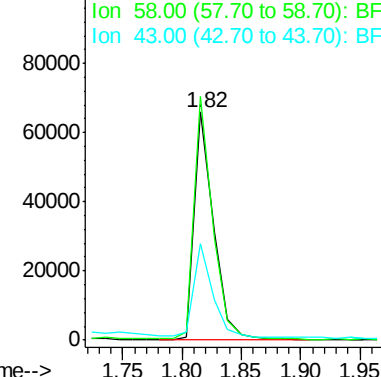


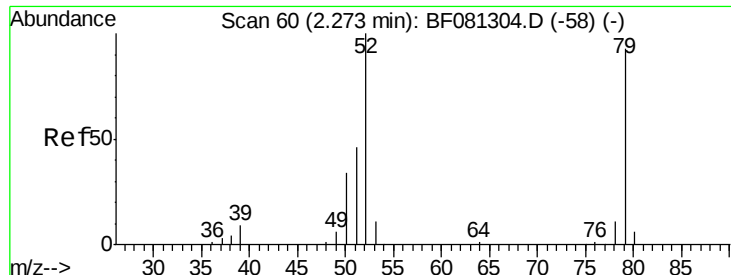
Abundance

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

Pyridine

Concen: 42.36 ng

RT: 2.35 min Scan# 67

Delta R.T. 0.08 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Instrument :

BNA_F

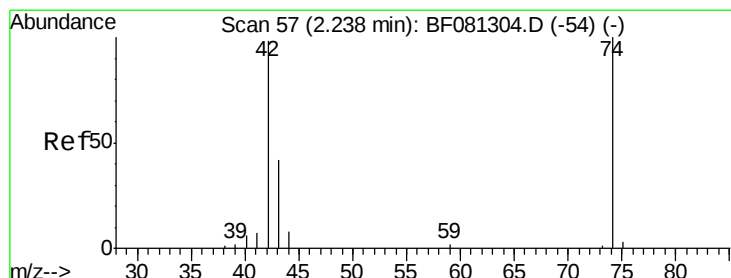
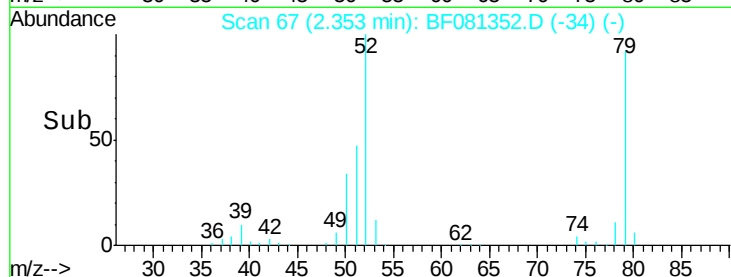
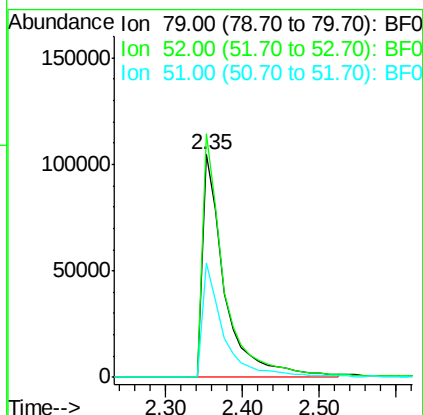
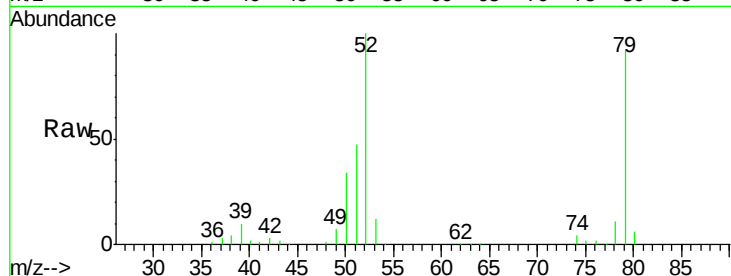
ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MSD

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Tgt Ion:	79	Resp:	209125
Ion	Ratio	Lower	Upper
79	100		
52	109.3	76.8	115.2
51	51.2	32.2	48.4#



#4

n-Nitrosodimethylamine

Concen: 50.17 ng

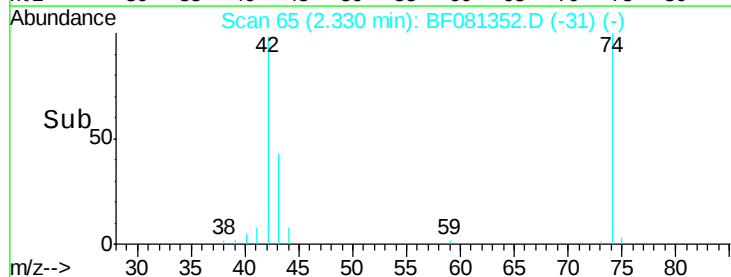
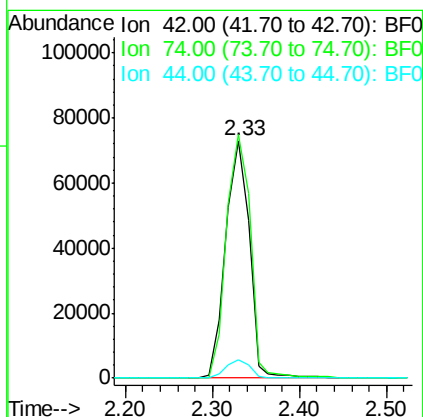
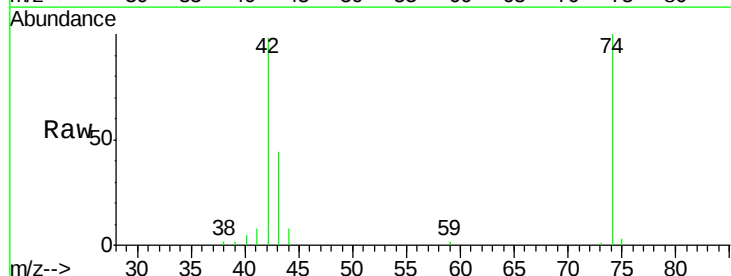
RT: 2.33 min Scan# 65

Delta R.T. 0.09 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Tgt Ion:	42	Resp:	137586
Ion	Ratio	Lower	Upper
42	100		
74	102.4	105.0	157.6#
44	7.9	6.6	10.0





#5

2-Fluorophenol

Concen: 154.70 ng

RT: 4.95 min Scan# 294

Delta R.T. 0.02 min

Lab File: BF081352.D

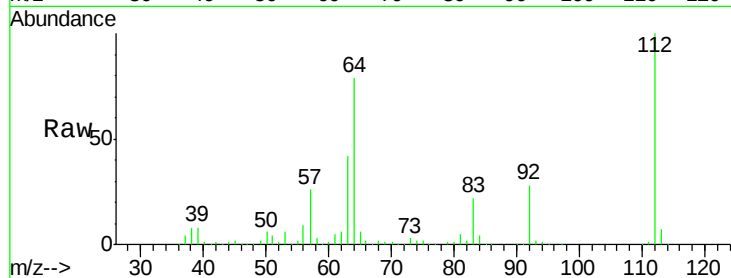
Acq: 2 Sep 2015 17:04

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MSD



Tgt Ion: 112 Resp: 616698

Ion Ratio Lower Upper

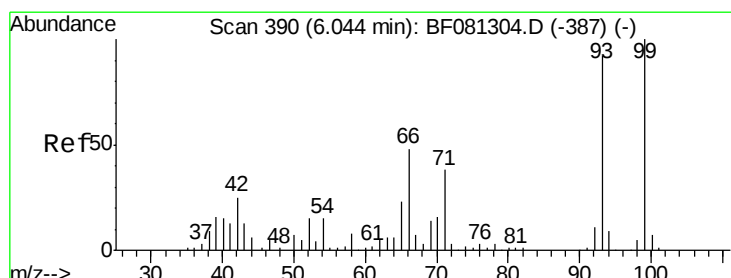
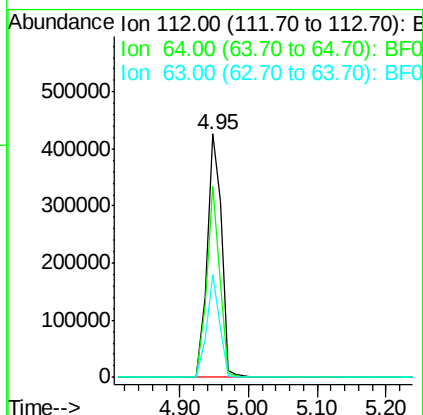
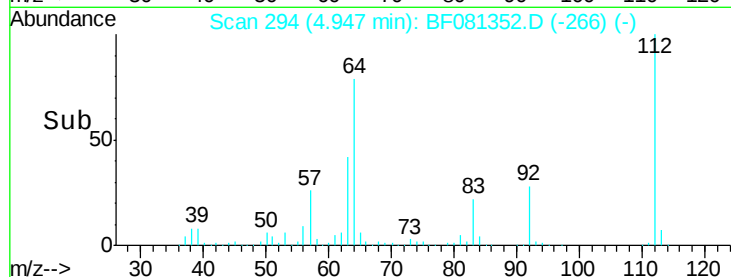
112 100

64 78.5 39.7 59.5#

63 42.1 17.4 26.0#

Manual Integrations
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#6

Aniline

Concen: 30.65 ng

RT: 6.06 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

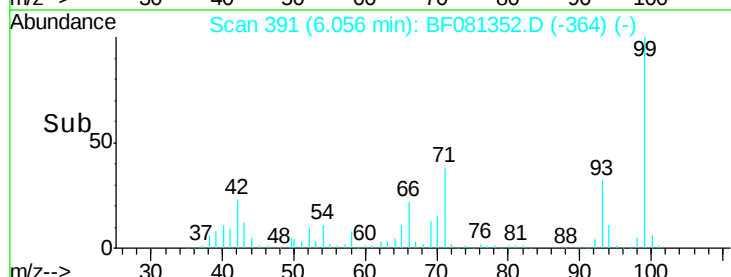
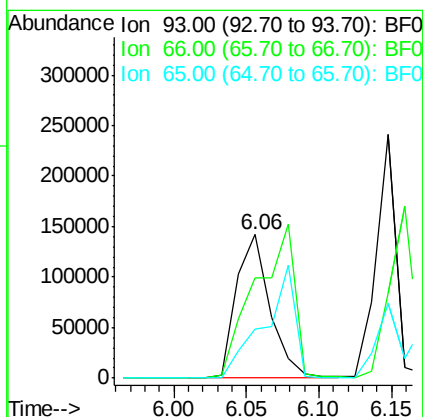
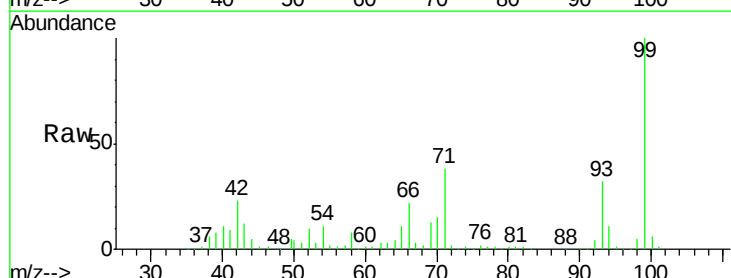
Tgt Ion: 93 Resp: 228346

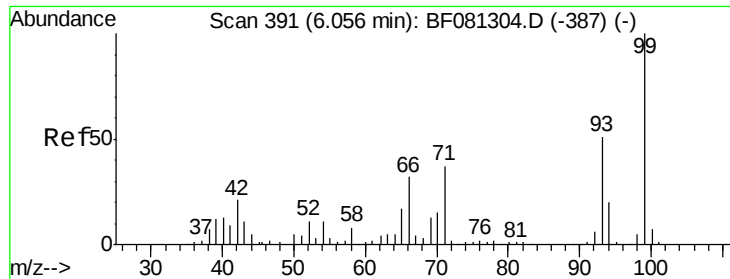
Ion Ratio Lower Upper

93 100

66 69.6 27.2 40.8#

65 33.8 14.7 22.1#





#7

Phenol-d6

Concen: 168.16 ng

RT: 6.07 min Scan# 392

Delta R.T. 0.01 min

Lab File: BF081352.D

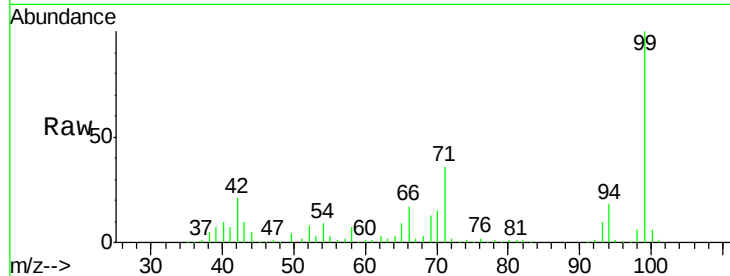
Acq: 2 Sep 2015 17:04

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MSD



Tgt Ion: 99 Resp: 887303

Ion Ratio Lower Upper

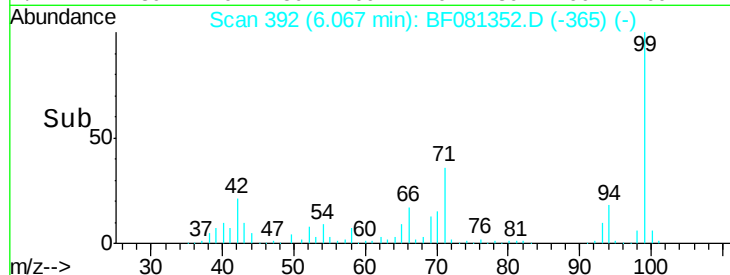
99 100

42 20.6 13.7 20.5#

71 35.8 14.2 21.2#

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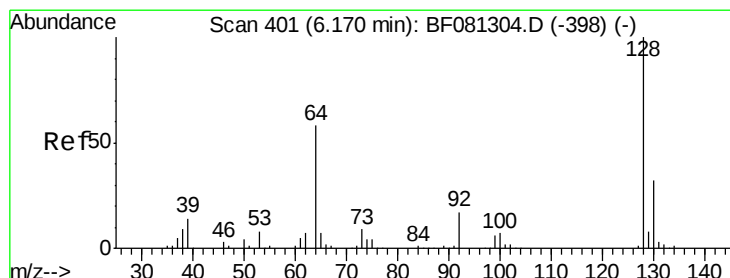
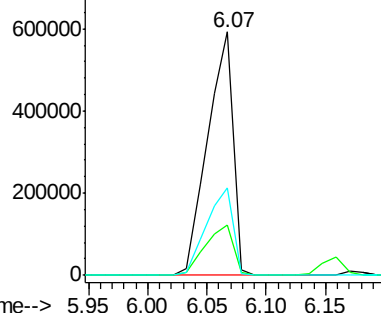
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 46.54 ng

RT: 6.17 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

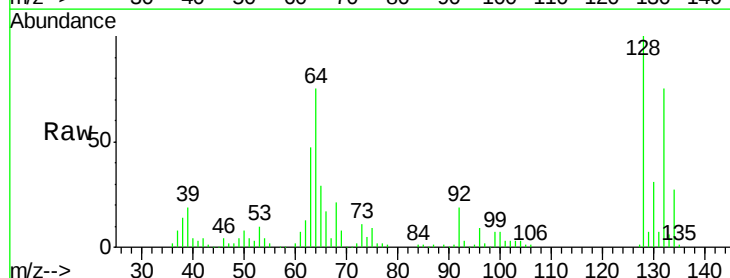
Tgt Ion: 128 Resp: 204416

Ion Ratio Lower Upper

128 100

130 31.1 12.2 52.2

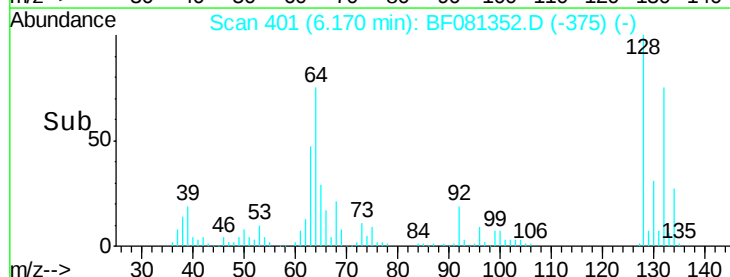
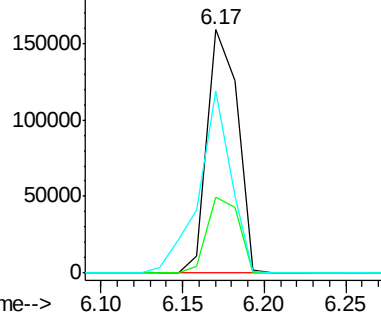
64 74.9 20.5 60.5#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 10.26 ng

RT: 5.92 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Instrument :

BNA_F

ClientSampleId :

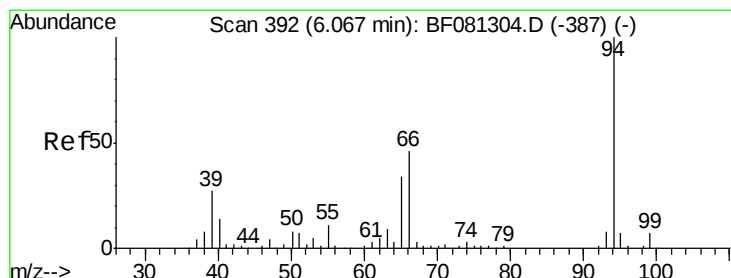
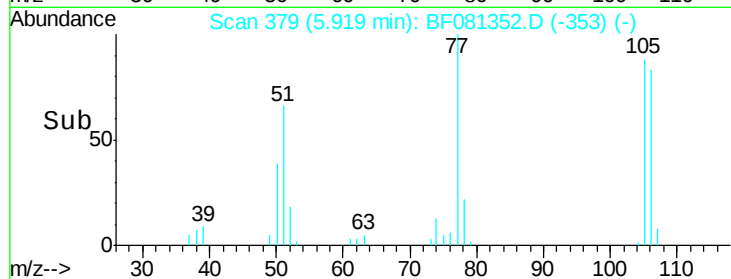
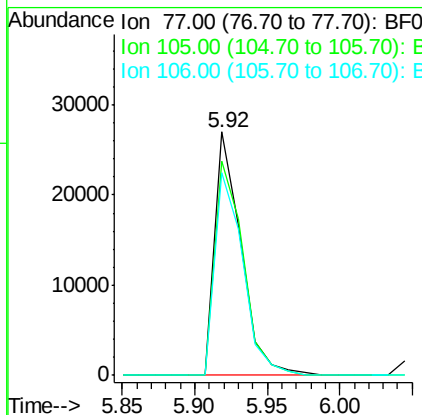
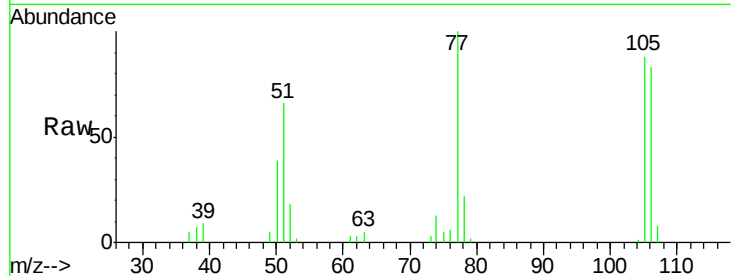
FK-BPM-02-J1-J2-J3-J4MSD

Manual Integrations
APPROVED

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Tgt Ion:	77	Resp:	33913
Ion	Ratio	Lower	Upper
77	100		
105	88.1	91.6	131.6#
106	83.0	102.6	142.6#



#10

Phenol

Concen: 57.69 ng

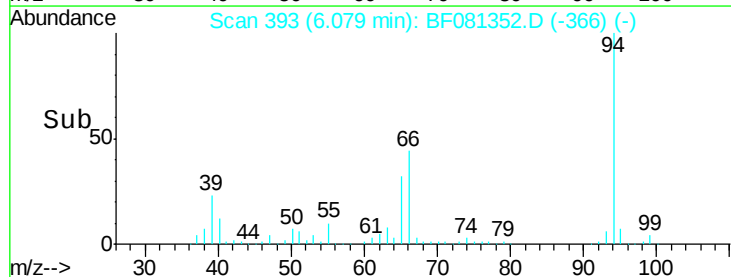
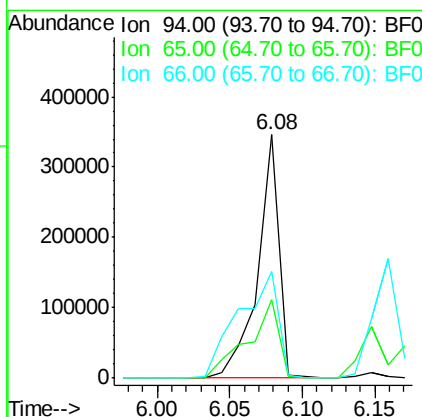
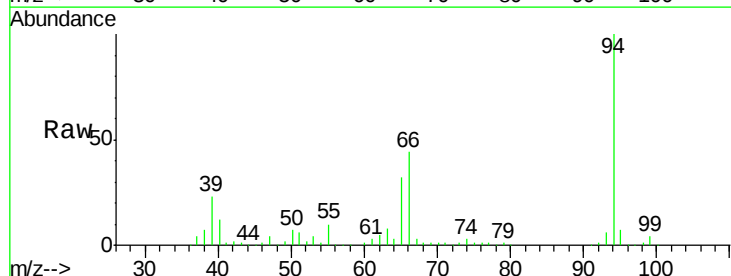
RT: 6.08 min Scan# 393

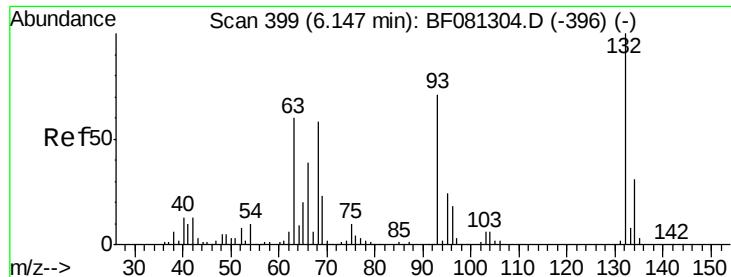
Delta R.T. 0.01 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Tgt Ion:	94	Resp:	353008
Ion	Ratio	Lower	Upper
94	100		
65	32.5	0.7	40.7
66	43.9	0.8	40.8#





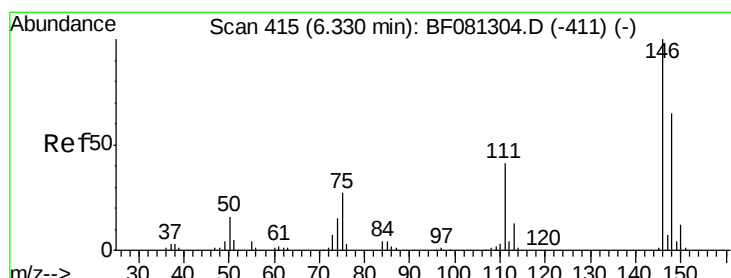
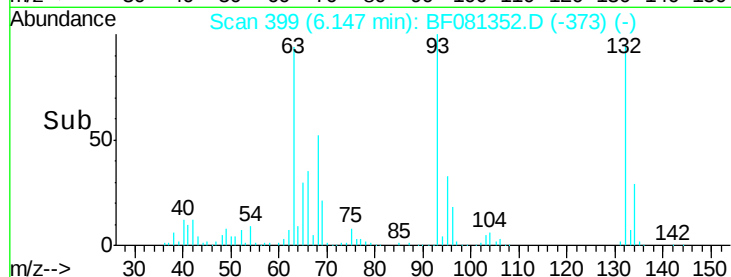
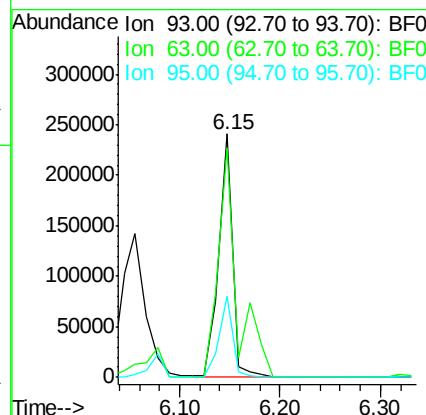
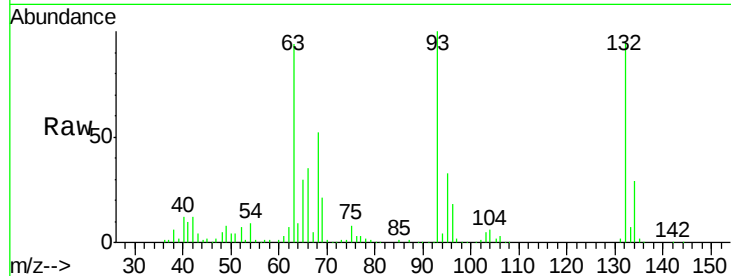
#11
bis(2-Chloroethyl)ether
Concen: 52.36 ng
RT: 6.15 min Scan# 399
Delta R.T. 0.00 min
Lab File: BF081352.D
Acq: 2 Sep 2015 17:04

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-J1-J2-J3-J4MSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	231185		
63	94.1	65.6	105.6	
95	33.1	13.6	53.6	

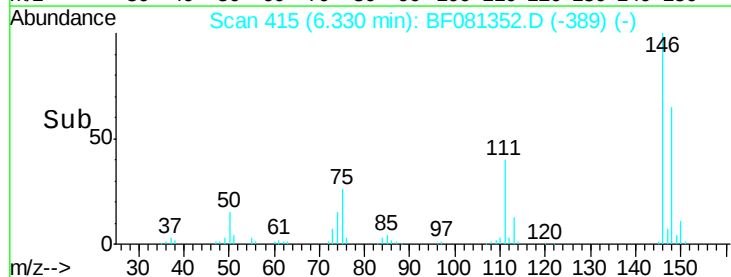
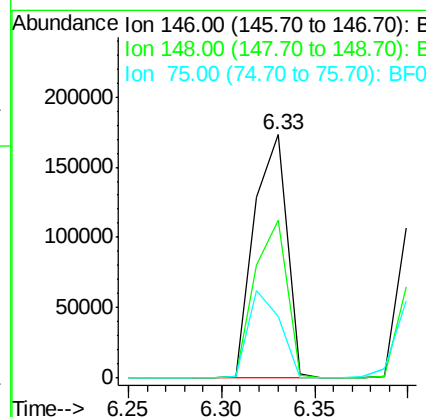
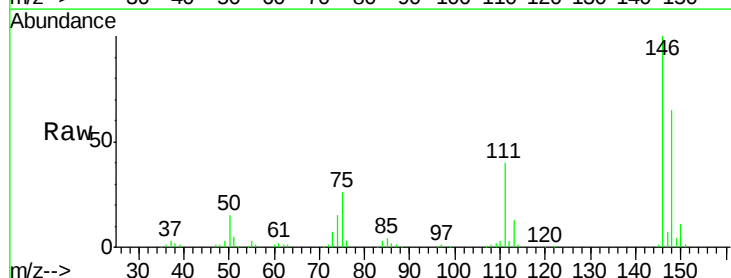
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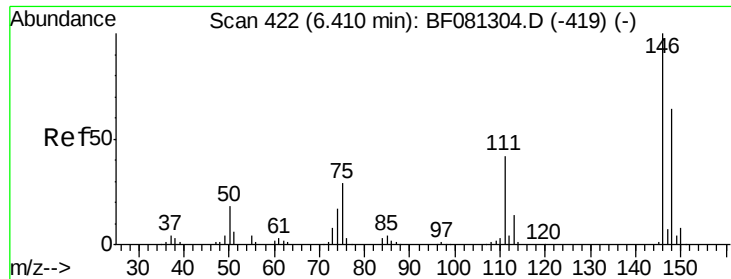
MMDadoda
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#12
1,3-Dichlorobenzene
Concen: 44.82 ng
RT: 6.33 min Scan# 415
Delta R.T. 0.00 min
Lab File: BF081352.D
Acq: 2 Sep 2015 17:04

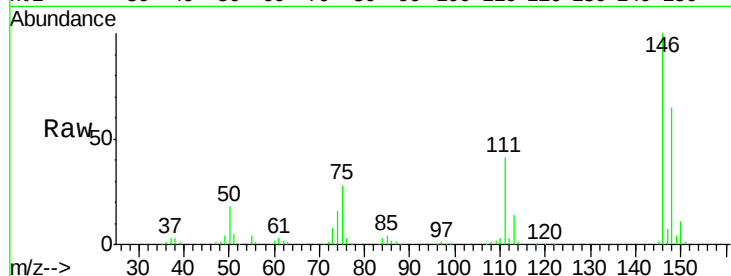
Tgt Ion	Ratio	Resp	Lower	Upper
146	100	210341		
148	64.6	51.0	76.4	
75	25.7	15.0	22.6	





#13
 1,4-Dichlorobenzene
 Concen: 46.34 ng
 RT: 6.41 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

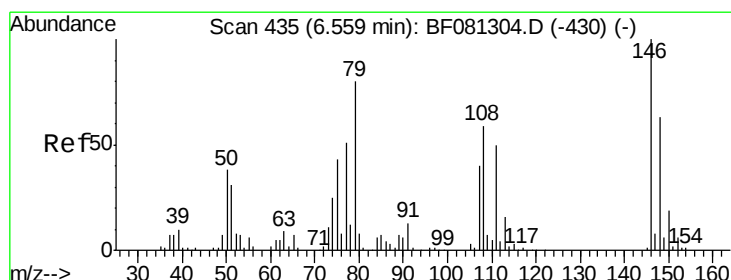
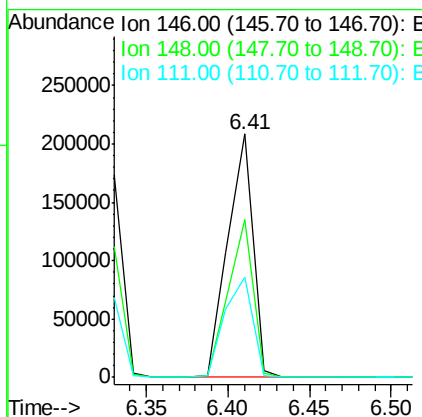
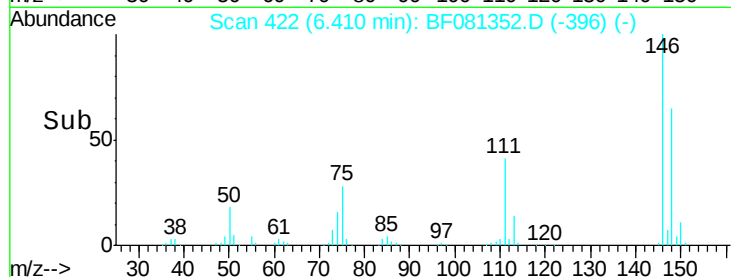
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-J1-J2-J3-J4MSD



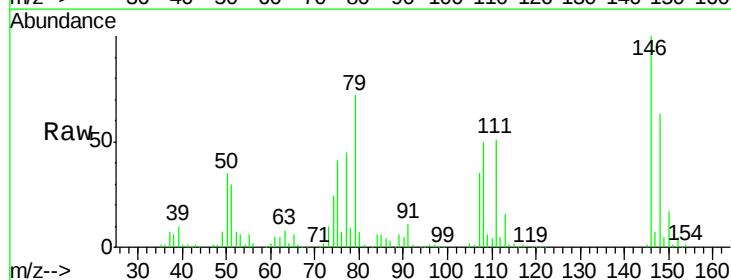
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.8	77.6
111	41.1	24.9	37.3#

Manual Integrations
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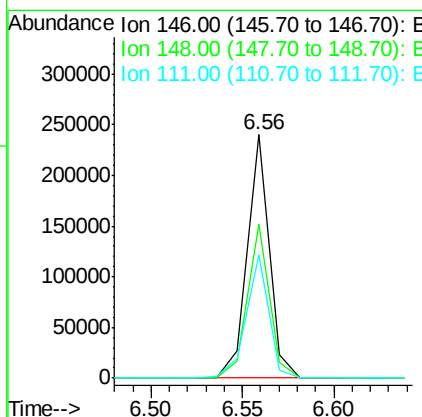
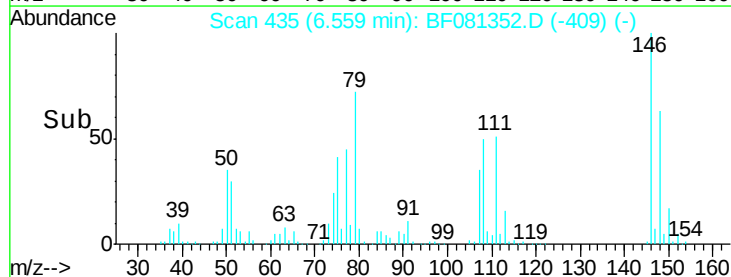
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#14
 1,2-Dichlorobenzene
 Concen: 46.54 ng m
 RT: 6.56 min Scan# 435
 Delta R.T. 0.00 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04



Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.7	79.1
111	50.9	28.8	43.2#





#15

Benzyl Alcohol

Concen: 49.46 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MSD

Tgt Ion: 79 Resp: 214077
Ion Ratio Lower Upper

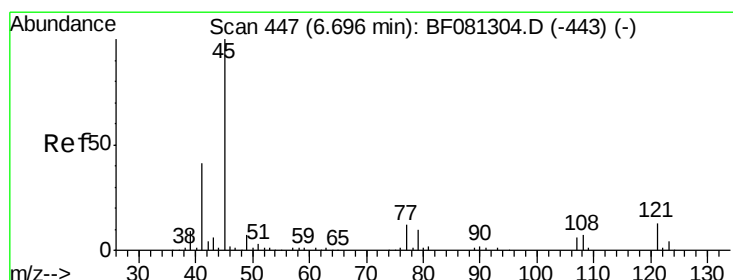
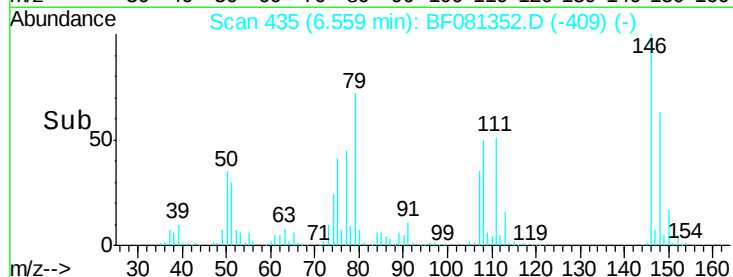
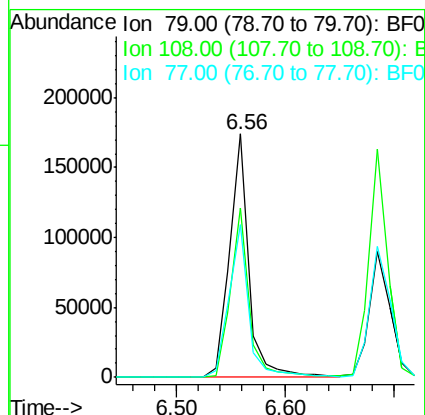
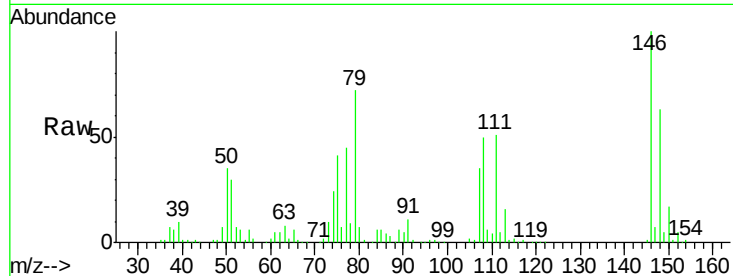
79 100

108 69.4 88.6 132.8#

77 62.6 47.0 70.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.86 ng

RT: 6.70 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF081352.D

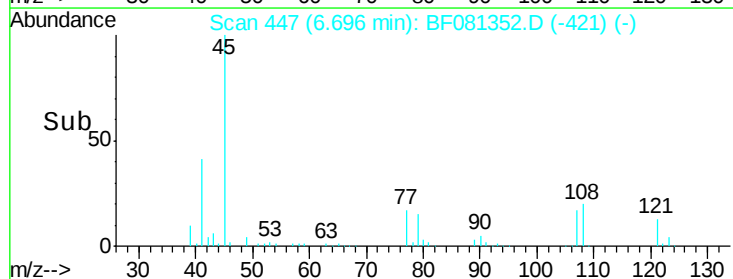
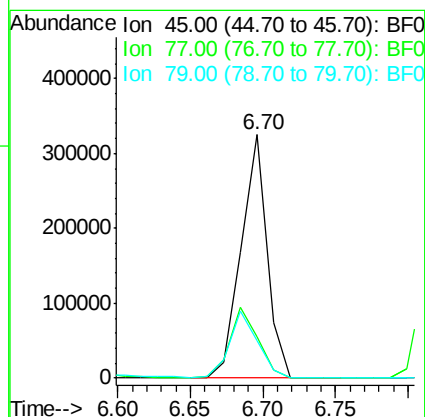
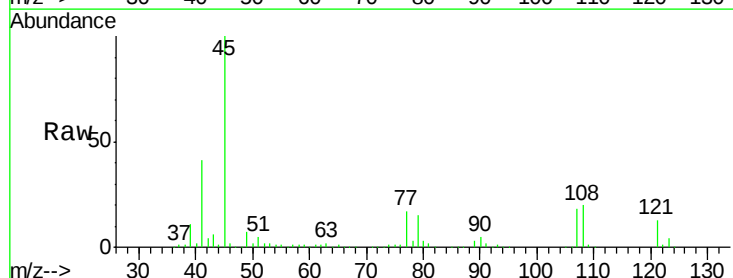
Acq: 2 Sep 2015 17:04

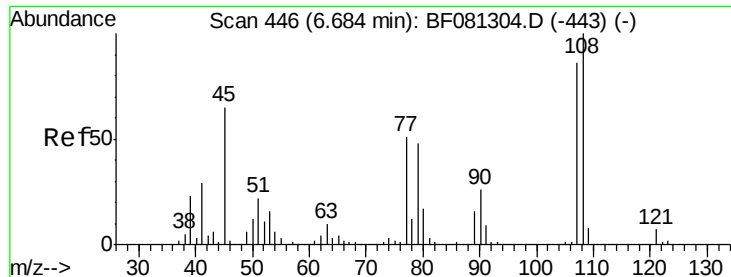
Tgt Ion: 45 Resp: 404992
Ion Ratio Lower Upper

45 100

77 17.0 0.0 28.1

79 15.4 0.0 26.0





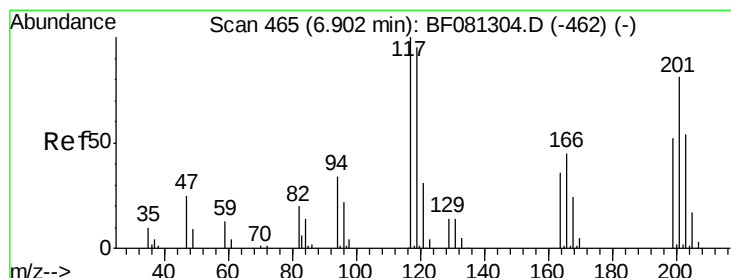
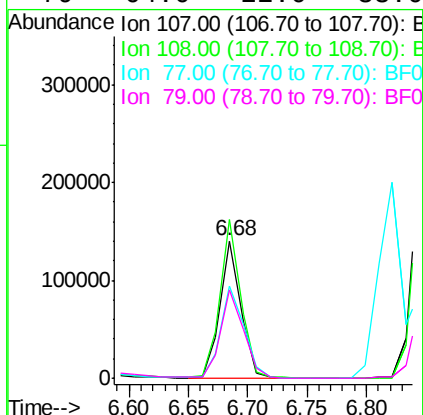
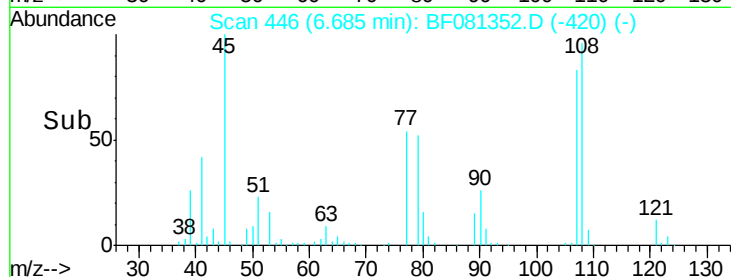
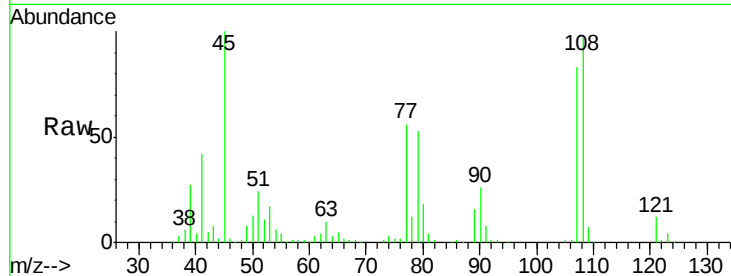
#17
2-Methylphenol
Concen: 48.68 ng
RT: 6.68 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF081352.D
Acq: 2 Sep 2015 17:04

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-J1-J2-J3-J4MSD

Tgt Ion:	107	Resp:	170633
Ion Ratio	Lower	Upper	
107	100		
108	115.8	96.6	145.0
77	66.7	23.3	34.9#
79	64.0	22.0	33.0#

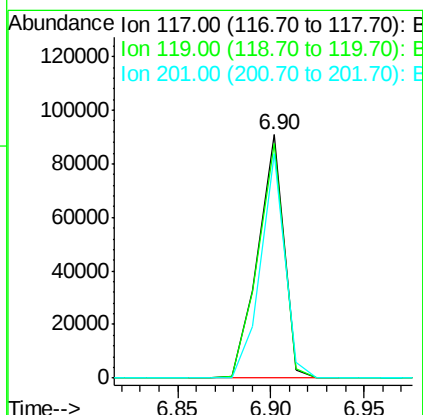
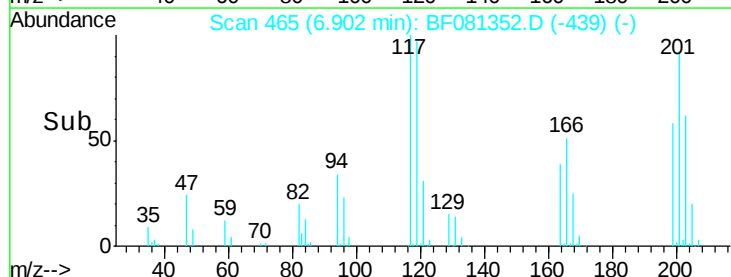
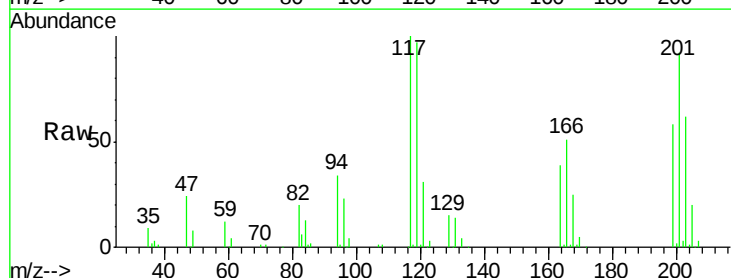
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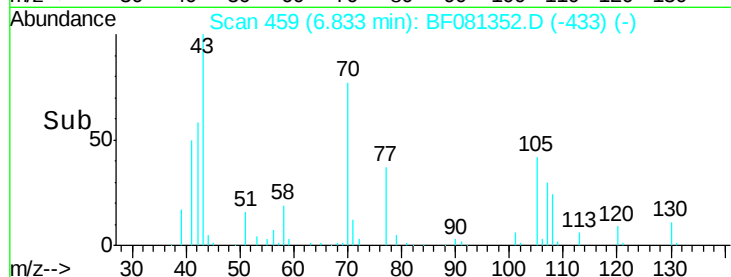
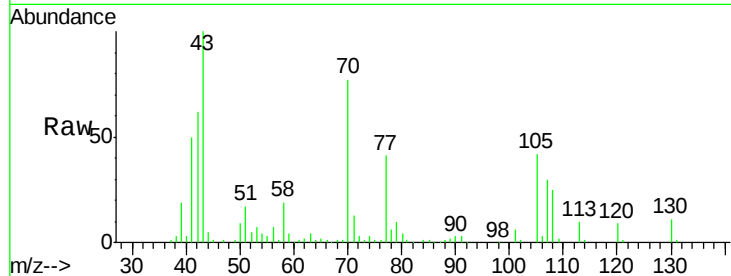
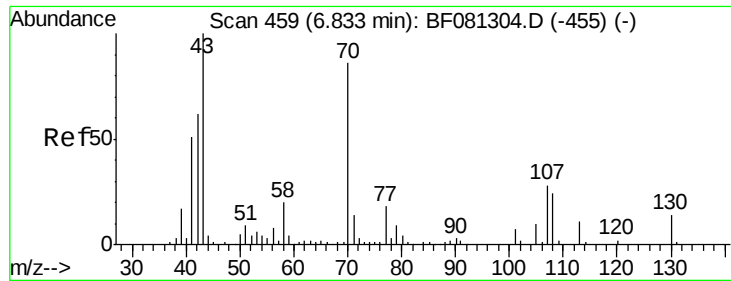
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#18
Hexachloroethane
Concen: 47.04 ng
RT: 6.90 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF081352.D
Acq: 2 Sep 2015 17:04

Tgt Ion:	117	Resp:	87460
Ion Ratio	Lower	Upper	
117	100		
119	96.6	83.8	125.6
201	92.3	55.1	82.7#





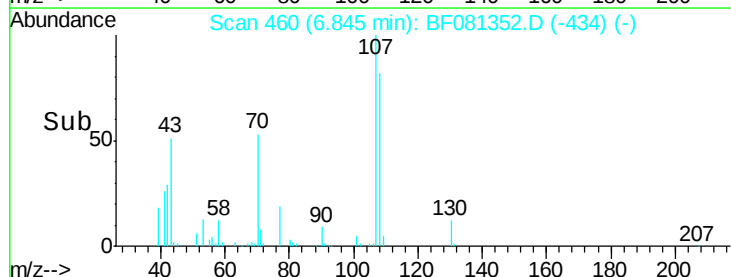
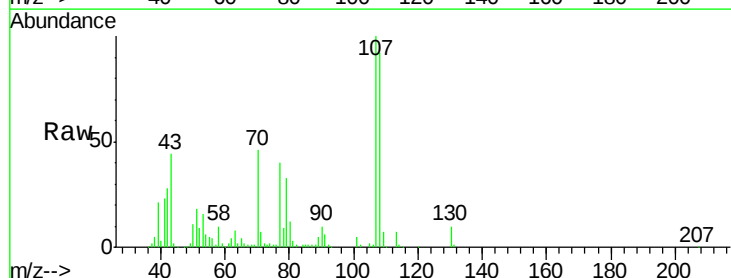
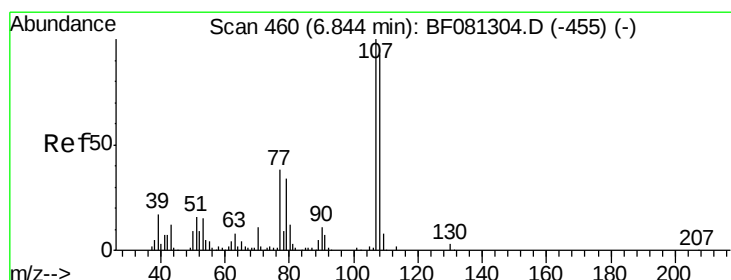
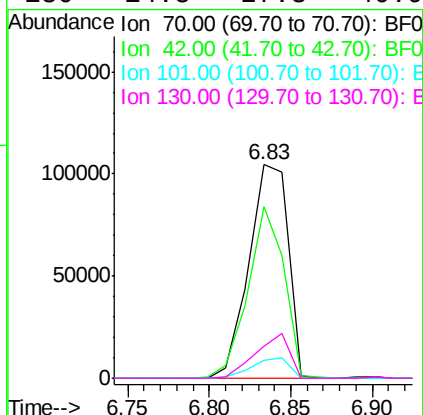
#19
n-Nitroso-di-n-propylamine
Concen: 48.73 ng
RT: 6.83 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF081352.D
Acq: 2 Sep 2015 17:04

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-J1-J2-J3-J4MSD

Manual Integrations
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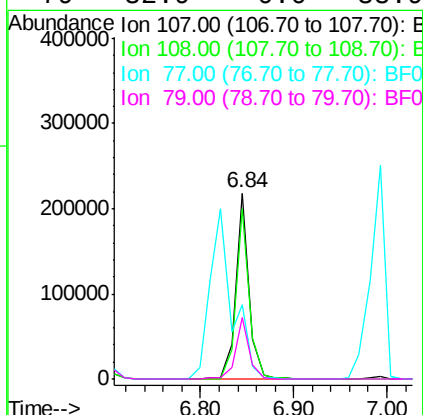
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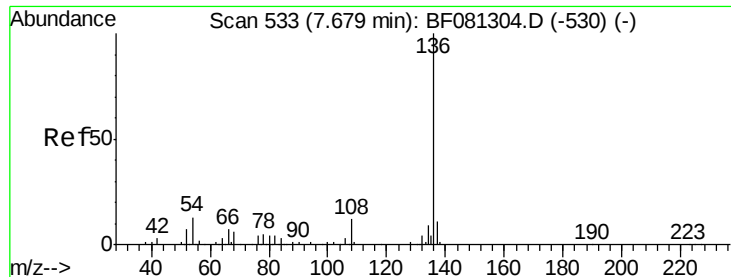
Tgt Ion	Ratio	Lower	Upper
70	100		
42	80.3	63.8	95.6
101	8.4	9.2	13.8#
130	14.8	27.3	40.9#



#20
3+4-Methylphenols
Concen: 45.97 ng
RT: 6.84 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF081352.D
Acq: 2 Sep 2015 17:04

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.6	74.6	114.6
77	39.9	0.7	40.7
79	32.9	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.68 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF081352.D

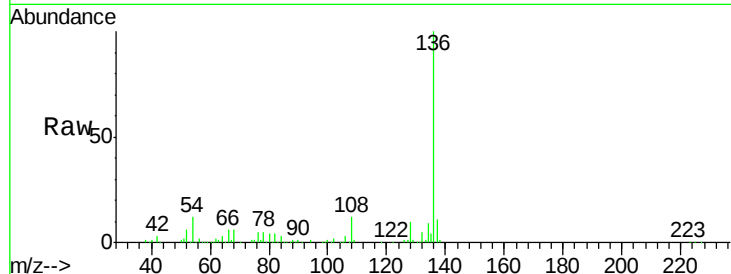
Acq: 2 Sep 2015 17:04

Instrument :

BNA_F

ClientSampleId :

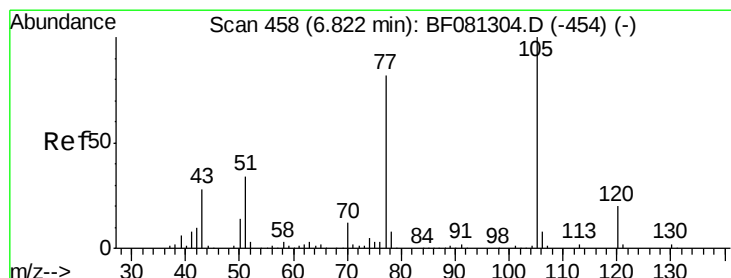
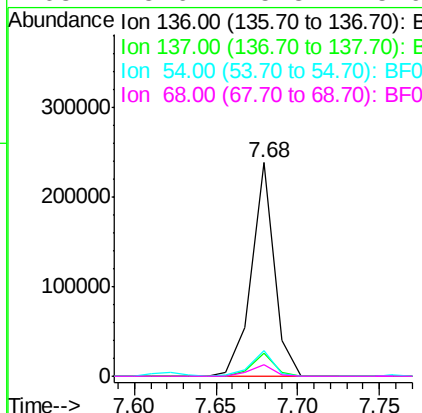
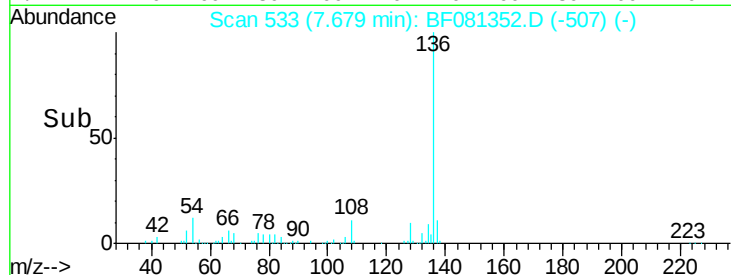
FK-BPM-02-J1-J2-J3-J4MSD



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	231909		
137	10.8	9.0	13.6	
54	12.3	8.2	12.2#	
68	5.6	5.8	8.6#	

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#22

Acetophenone

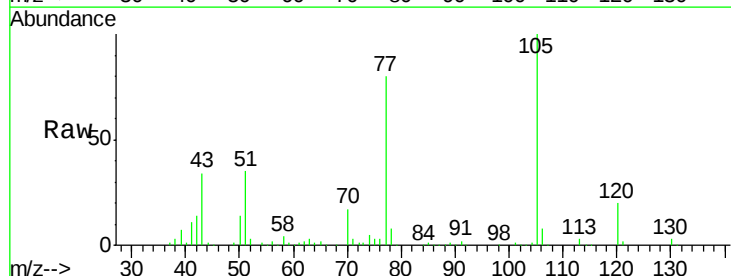
Concen: 49.55 ng

RT: 6.82 min Scan# 458

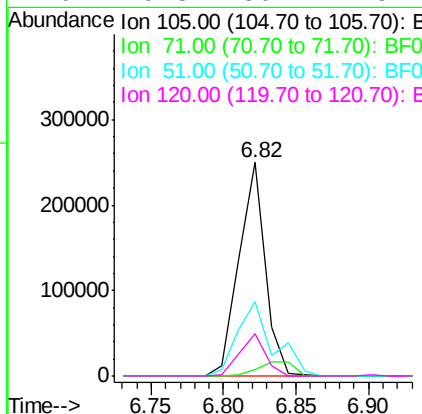
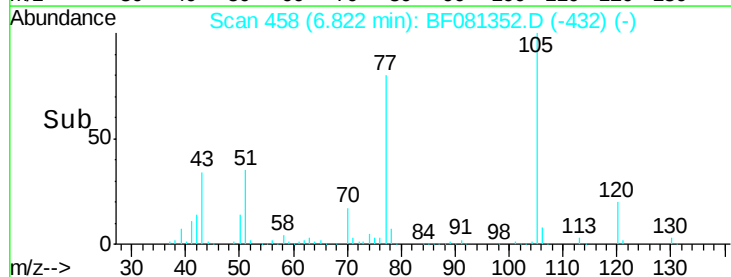
Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	313891		
71	2.7	4.7	7.1#	
51	34.9	22.0	33.0#	
120	19.8	30.1	45.1#	





#23

Nitrobenzene-d5

Concen: 105.06 ng

RT: 6.97 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Instrument :

BNA_F

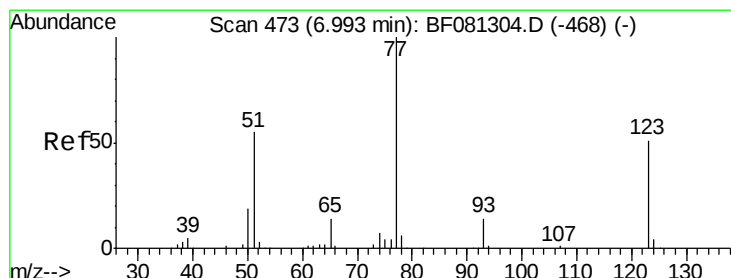
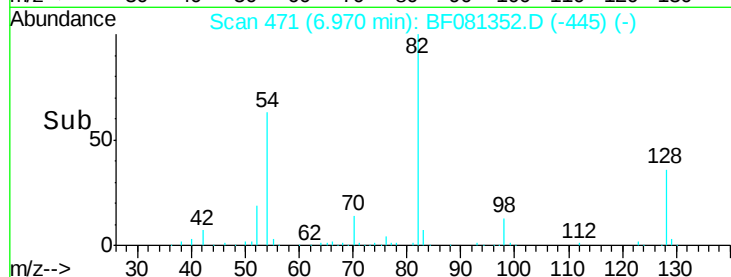
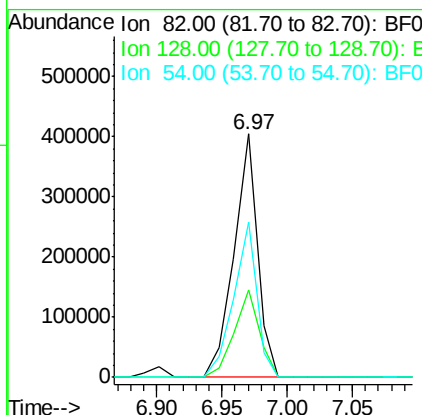
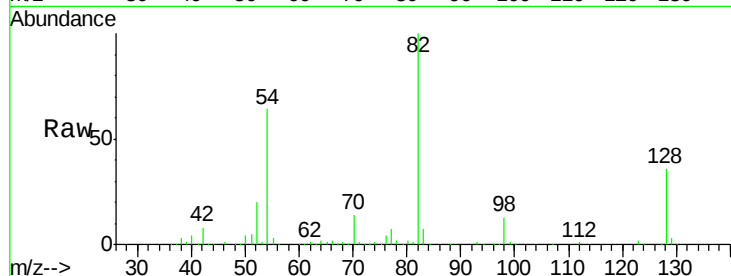
ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MSD

Tgt Ion:	82	Resp:	505003
Ion Ratio		Lower	Upper
82	100		
128	36.0	51.0	76.6#
54	63.6	47.5	71.3

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#24

Nitrobenzene

Concen: 55.29 ng

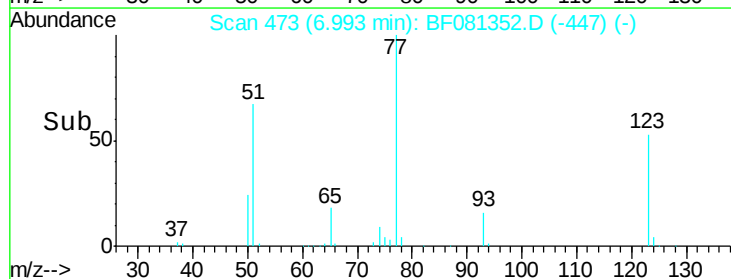
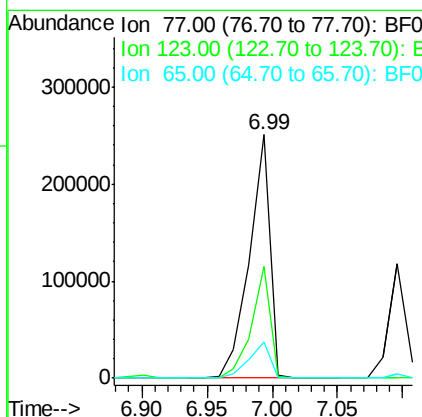
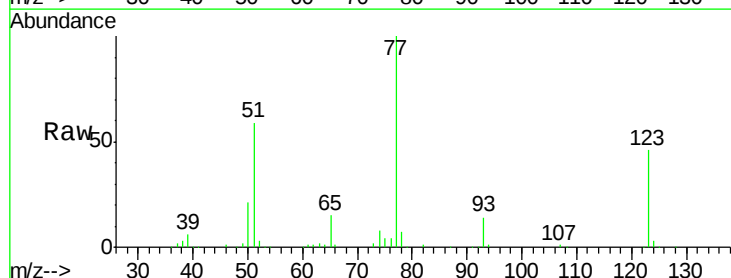
RT: 6.99 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Tgt Ion:	77	Resp:	275983
Ion Ratio		Lower	Upper
77	100		
123	46.1	59.8	89.8#
65	14.8	10.2	15.4





#25

Isophorone

Concen: 49.64 ng

RT: 7.23 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MSD

Tgt Ion: 82 Resp: 443805
Ion Ratio Lower Upper

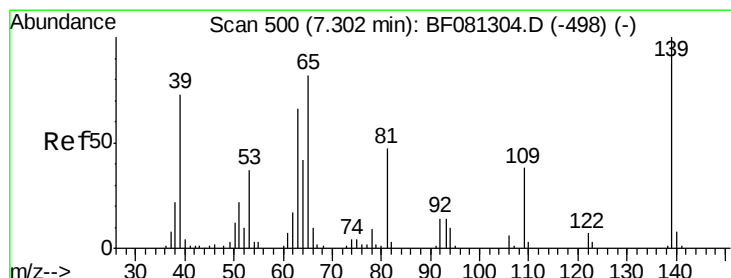
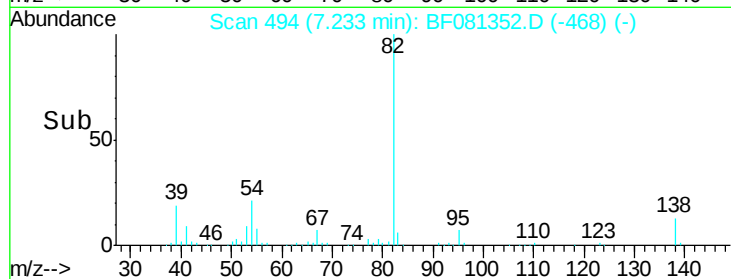
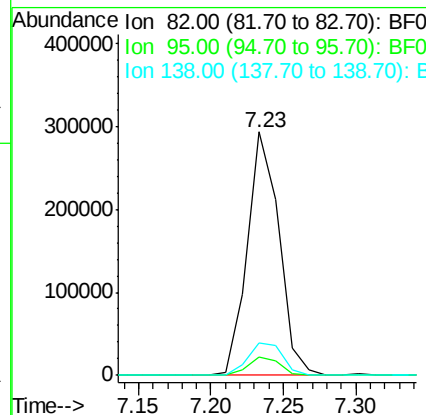
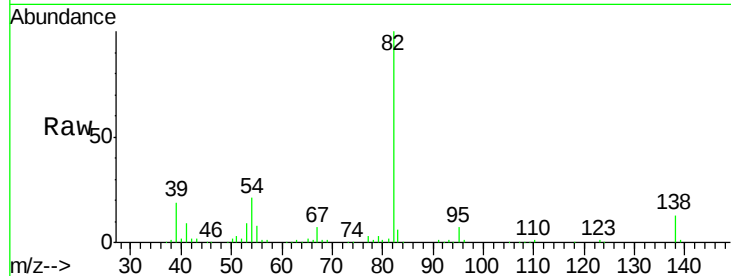
82 100

95 7.5 4.0 6.0#

138 13.4 18.3 27.5#

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.96 ng

RT: 7.30 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF081352.D

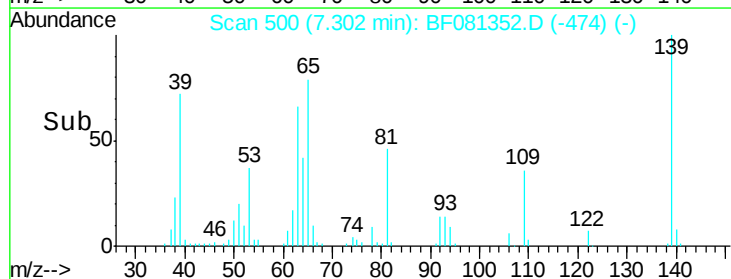
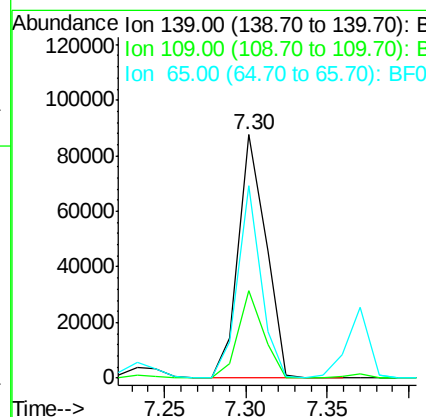
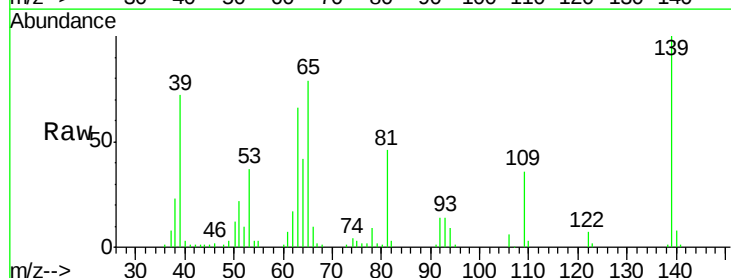
Acq: 2 Sep 2015 17:04

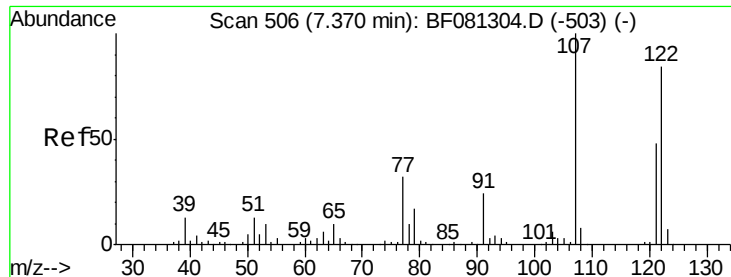
Tgt Ion: 139 Resp: 102157
Ion Ratio Lower Upper

139 100

109 35.8 11.0 16.4#

65 79.0 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 52.78 ng

RT: 7.37 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF081352.D

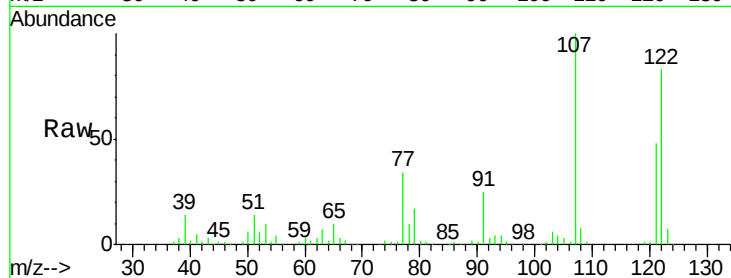
Acq: 2 Sep 2015 17:04

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MSD



Tgt Ion:122 Resp: 198330

Ion Ratio Lower Upper

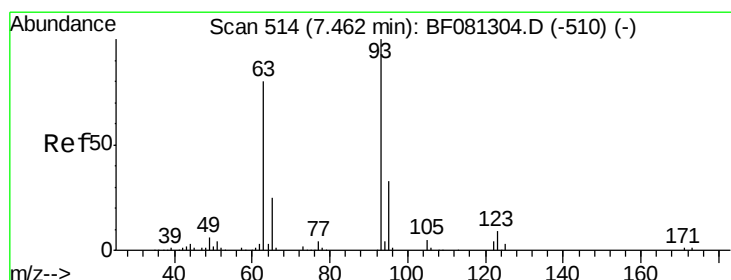
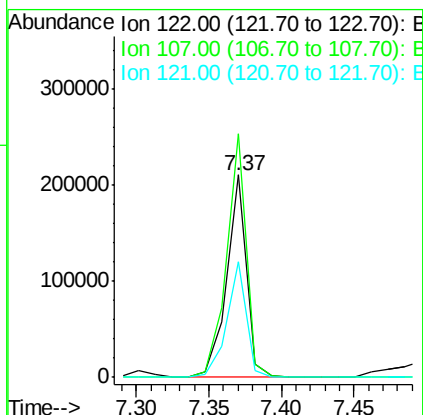
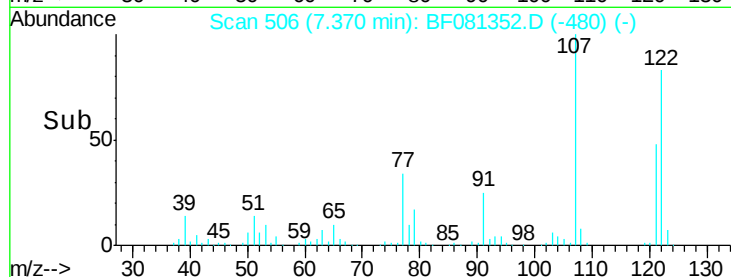
122 100

107 120.3 71.8 107.6#

121 57.2 42.3 63.5

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#28

bis(2-Chloroethoxy)methane

Concen: 54.00 ng

RT: 7.46 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

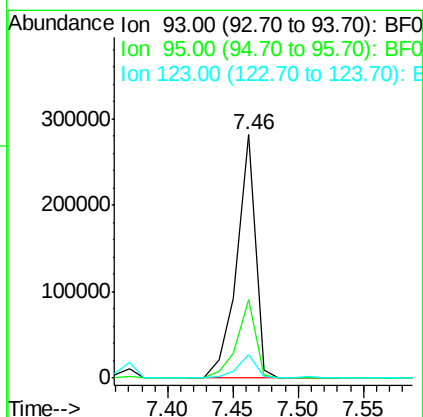
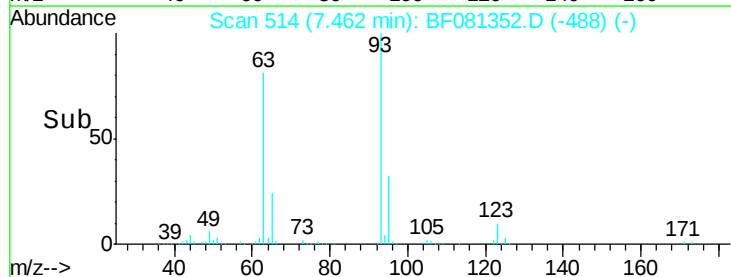
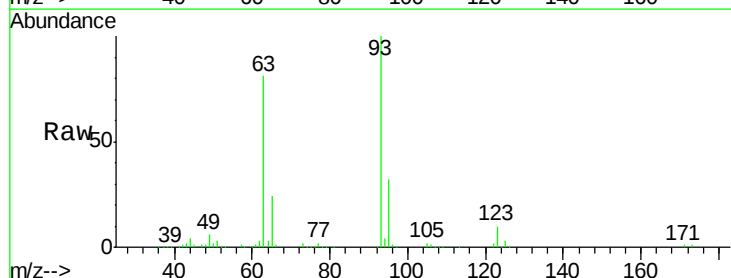
Tgt Ion: 93 Resp: 278897

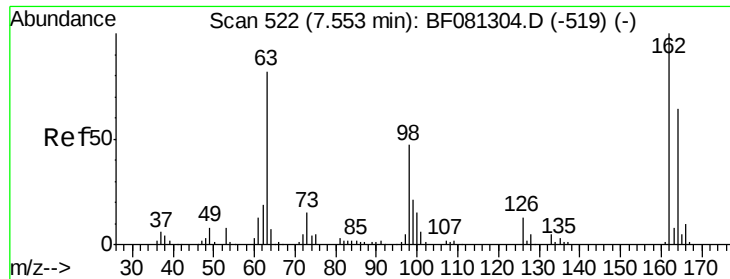
Ion Ratio Lower Upper

93 100

95 32.4 27.5 41.3

123 9.6 13.7 20.5#





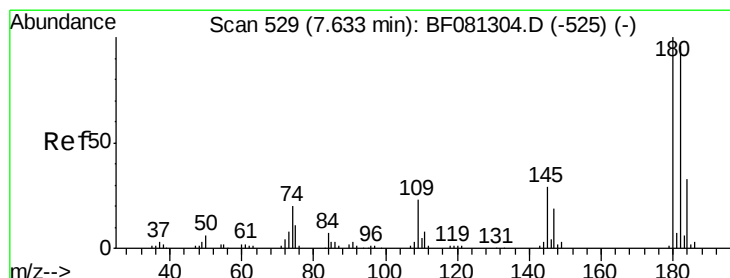
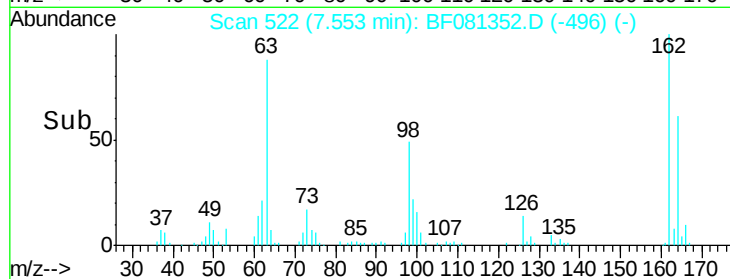
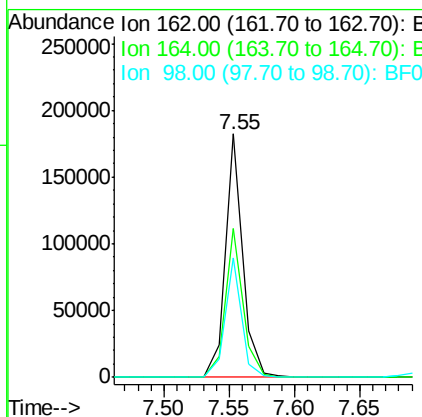
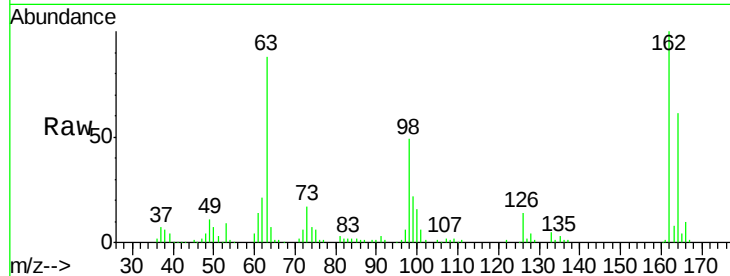
#29
 2,4-Dichlorophenol
 Concen: 51.79 ng
 RT: 7.55 min Scan# 522
 Delta R.T. 0.00 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-J1-J2-J3-J4MSD

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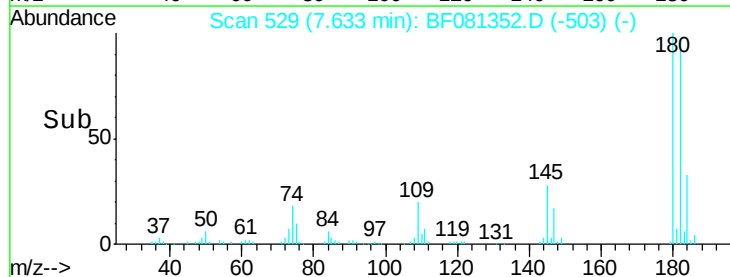
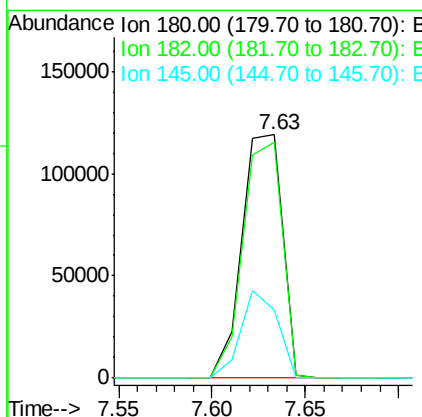
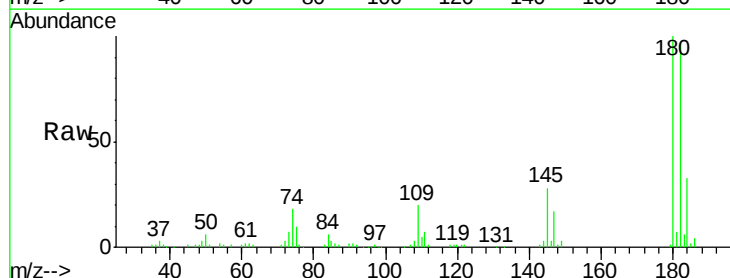
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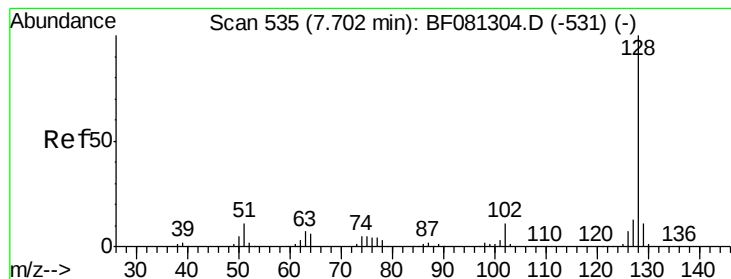
Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	61.3	44.9	84.9
98	48.8	13.0	53.0



#30
 1,2,4-Trichlorobenzene
 Concen: 50.45 ng
 RT: 7.63 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.0	77.1	115.7
145	28.1	23.3	34.9





#31

Naphthalene

Concen: 49.42 ng

RT: 7.70 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Instrument :

BNA_F

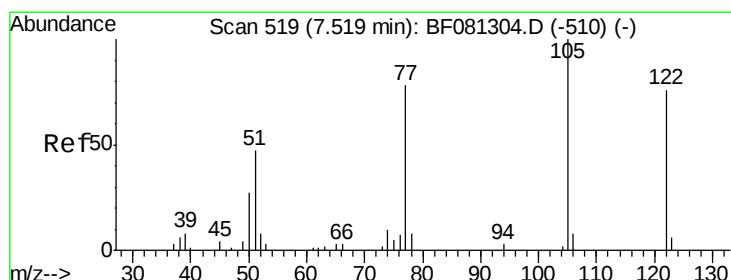
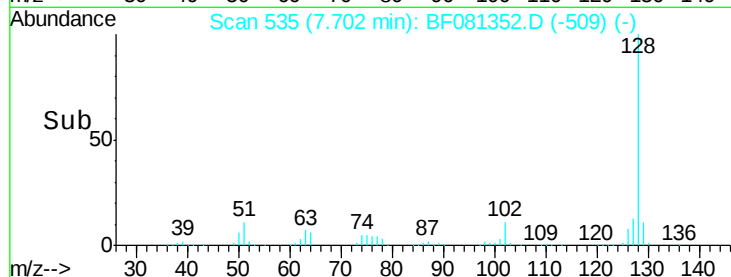
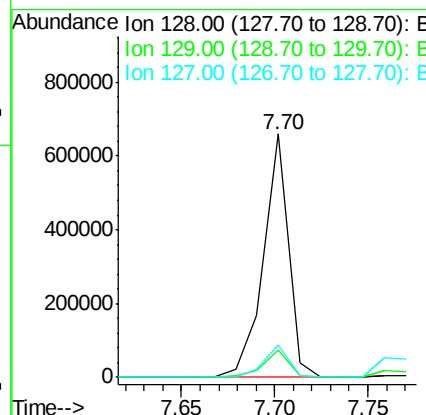
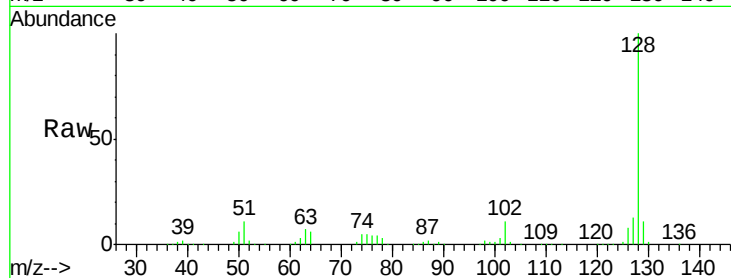
ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MSD

Tgt Ion:	128	Resp:	611220
Ion Ratio		Lower	Upper
128	100		
129	11.4	8.4	12.6
127	13.4	9.9	14.9

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#32

Benzoic acid

Concen: 20.33 ng

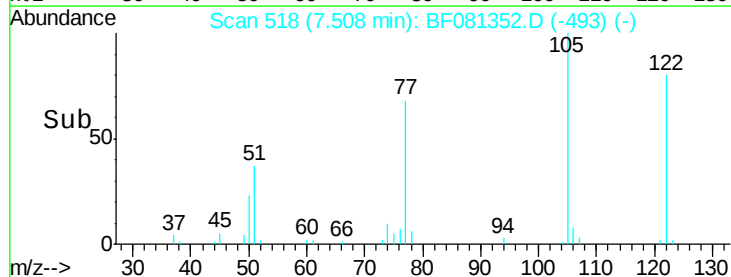
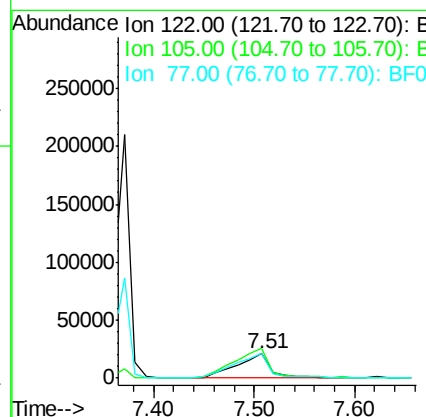
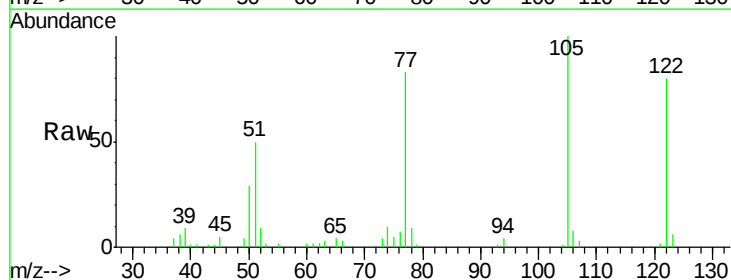
RT: 7.51 min Scan# 518

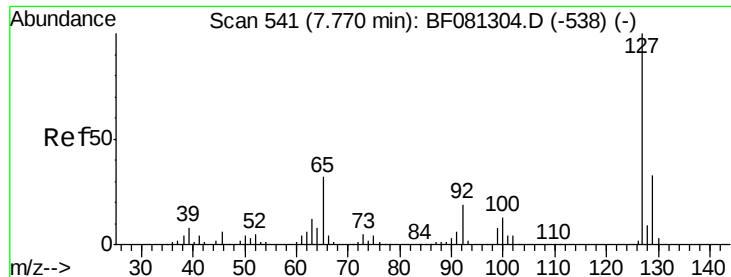
Delta R.T. -0.01 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Tgt Ion:	122	Resp:	50394
Ion Ratio		Lower	Upper
122	100		
105	124.3	76.1	116.1#
77	103.1	40.5	80.5#





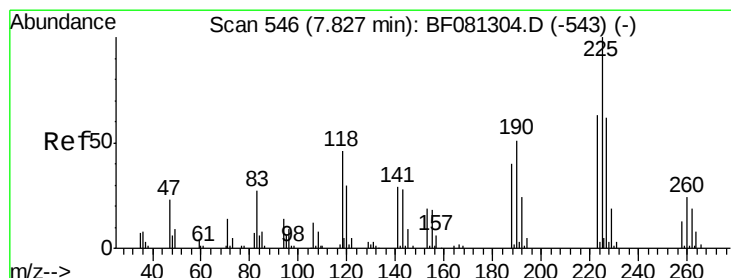
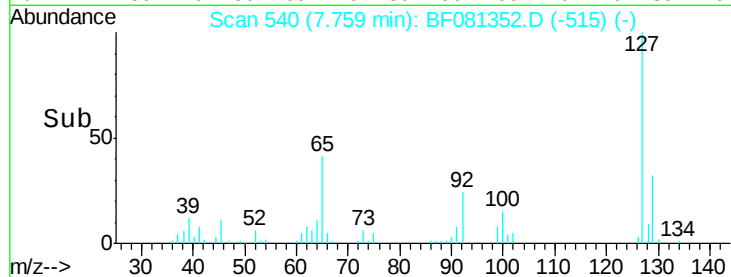
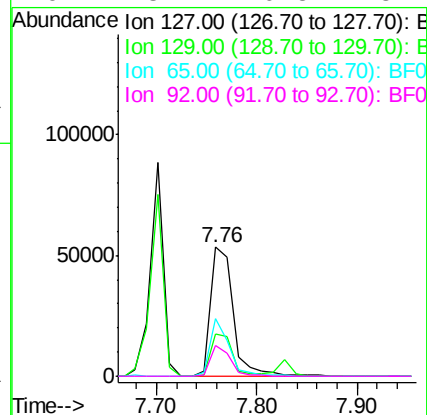
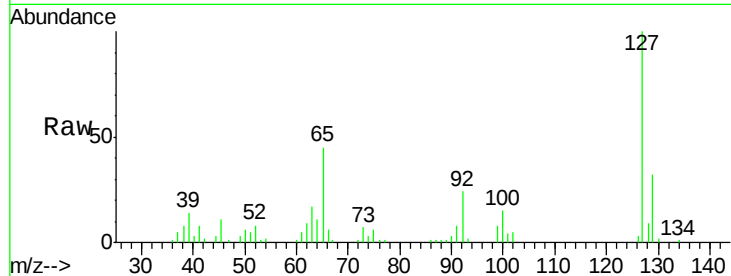
#33
4-Chloroaniline
Concen: 16.60 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF081352.D
Acq: 2 Sep 2015 17:04

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-J1-J2-J3-J4MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	83728		
129	32.4	25.8	38.6	
65	45.0	17.9	26.9	
92	23.7	10.5	15.7	

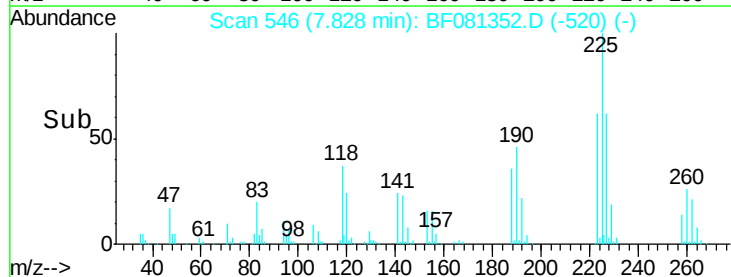
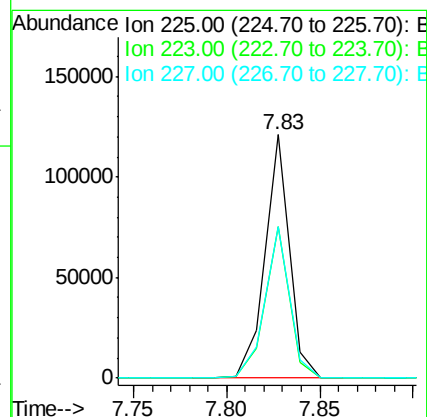
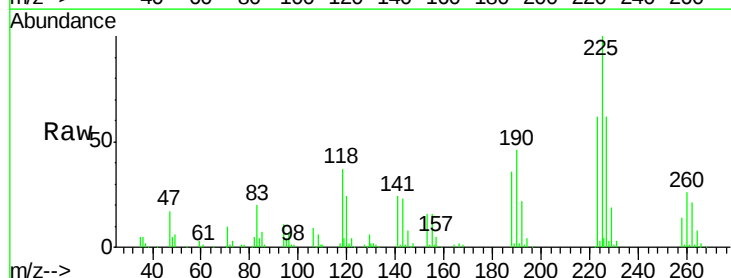
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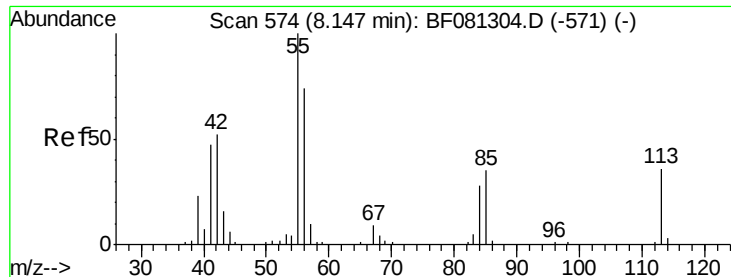
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#34
Hexachlorobutadiene
Concen: 50.54 ng
RT: 7.83 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF081352.D
Acq: 2 Sep 2015 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	108875		
223	62.4	50.2	75.2	
227	62.0	52.2	78.2	





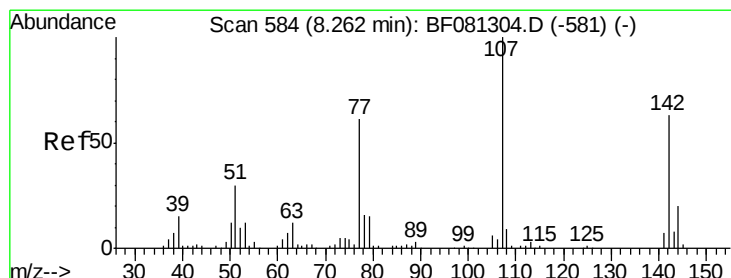
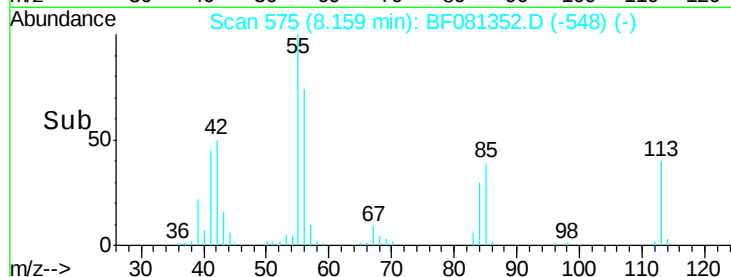
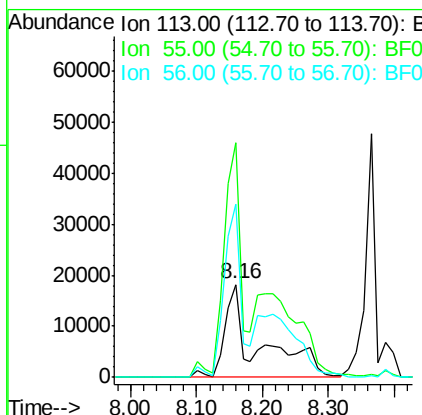
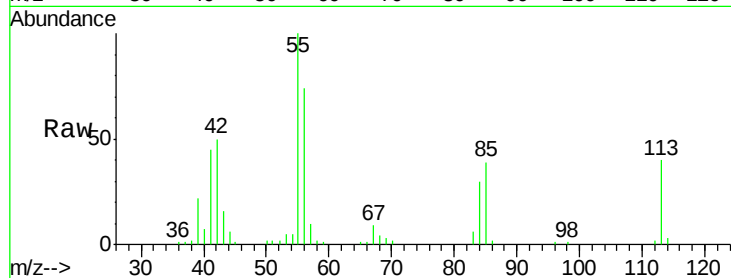
#35
 Caprolactam
 Concen: 62.63 ng m
 RT: 8.16 min Scan# 575
 Delta R.T. 0.01 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-J1-J2-J3-J4MSD

Tgt Ion:113 Resp: 62588
 Ion Ratio Lower Upper
 113 100
 55 252.7 152.4 192.4#
 56 186.6 104.6 144.6#

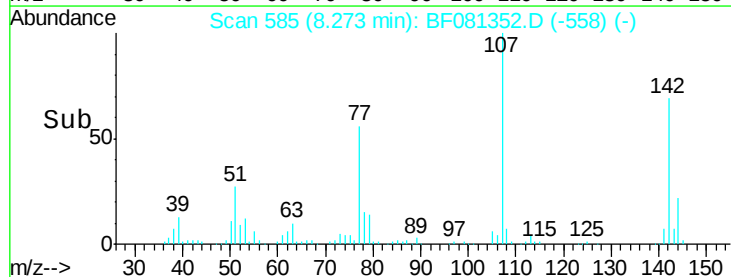
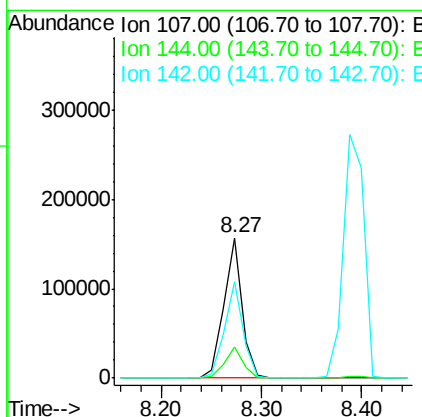
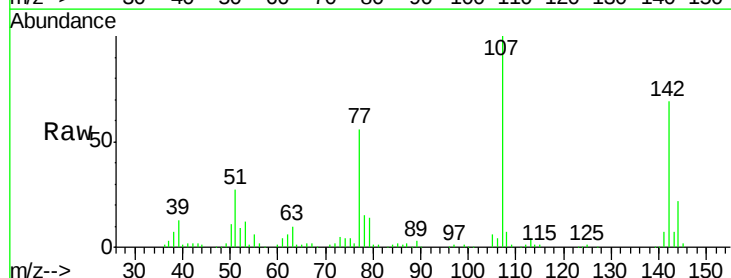
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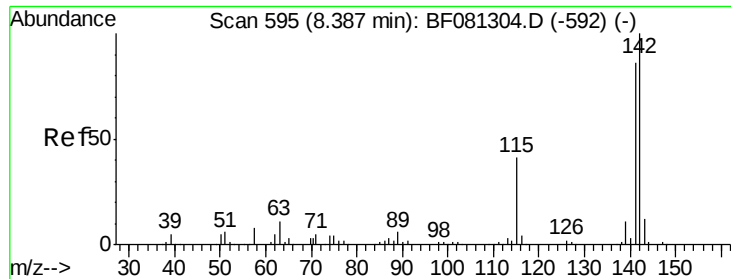
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#36
 4-Chloro-3-methylphenol
 Concen: 54.08 ng
 RT: 8.27 min Scan# 585
 Delta R.T. 0.01 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

Tgt Ion:107 Resp: 197240
 Ion Ratio Lower Upper
 107 100
 144 22.1 25.4 38.0#
 142 69.1 77.3 115.9#





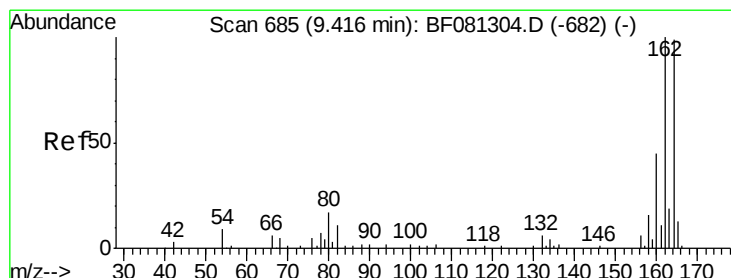
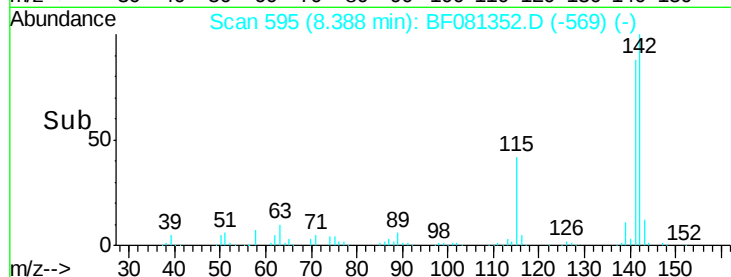
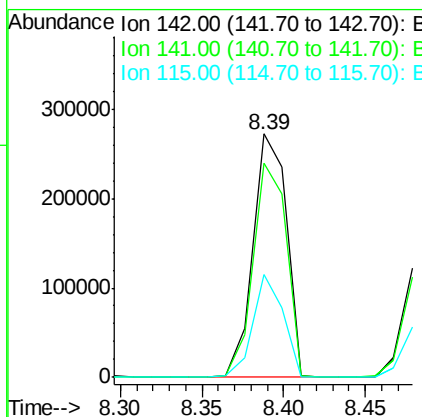
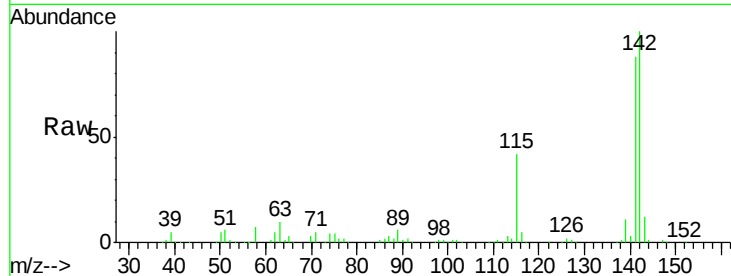
#37
 2-Methylnaphthalene
 Concen: 48.36 ng
 RT: 8.39 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-J1-J2-J3-J4MSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	389231		
141	87.9	67.5	101.3	
115	42.4	18.2	27.2#	

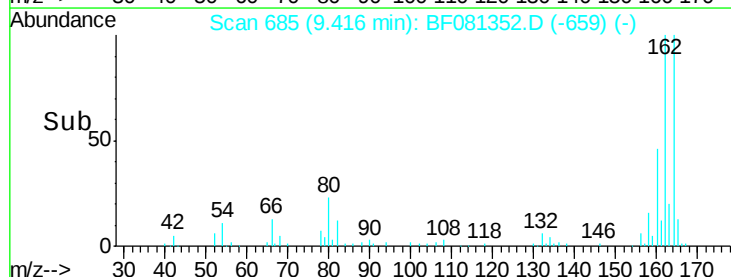
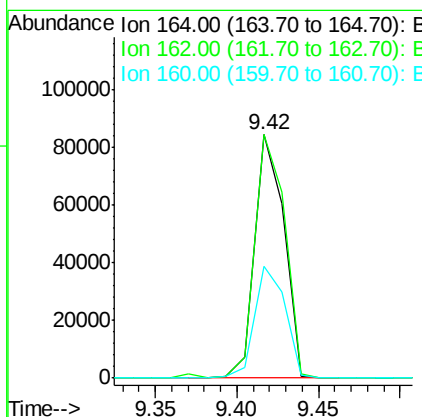
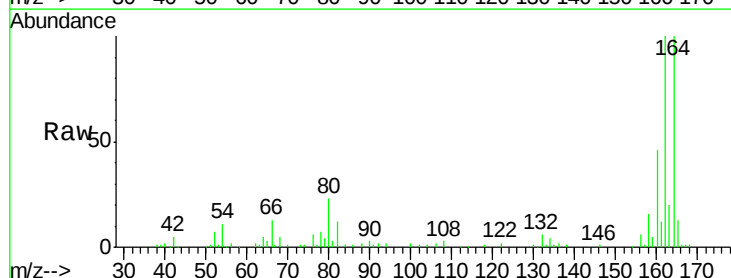
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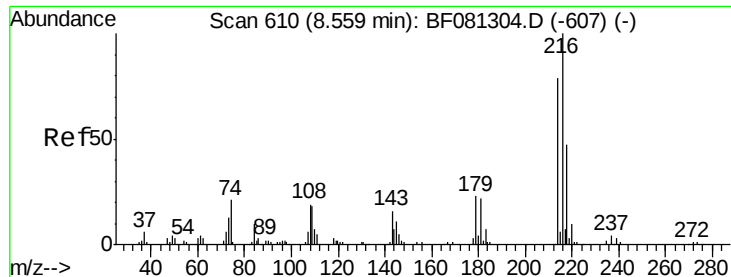
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.42 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	105367		
162	100.2	75.2	112.8	
160	46.0	31.5	47.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.08 ng

RT: 8.56 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Instrument :

BNA_F

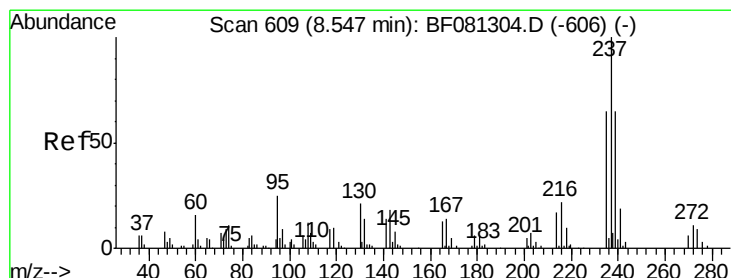
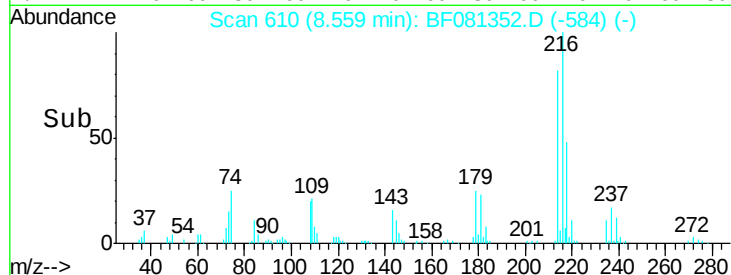
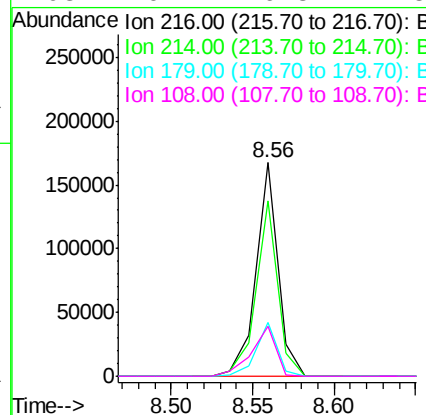
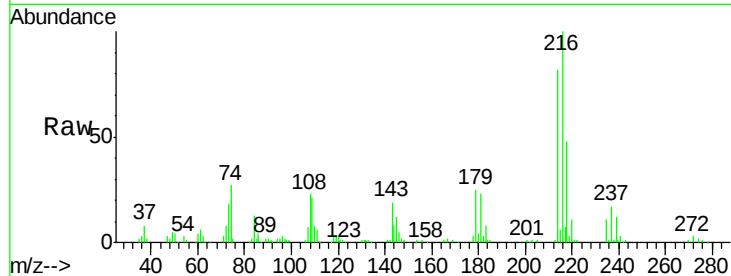
ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MSD

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Tgt Ion	Ratio	Resp	Lower	Upper
216	100	156883		
214	81.1	63.5	95.3	
179	24.2	16.6	24.8	
108	26.4	16.3	24.5	



#40

Hexachlorocyclopentadiene

Concen: 103.19 ng

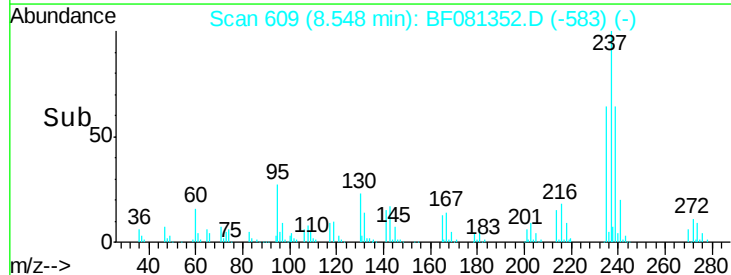
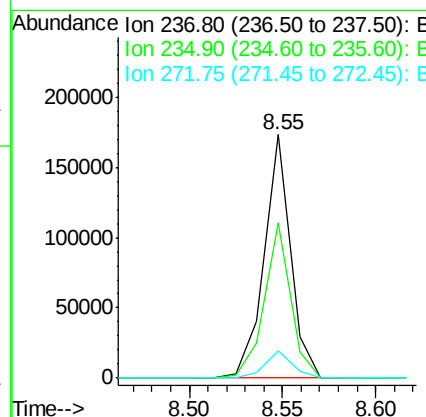
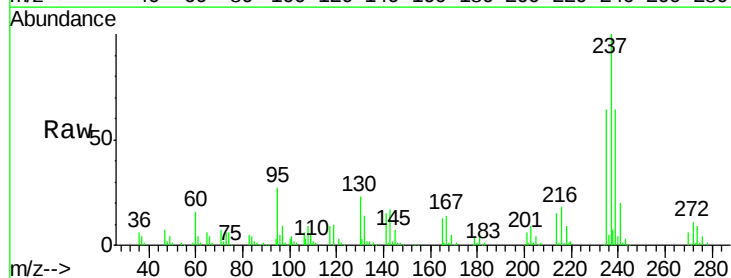
RT: 8.55 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

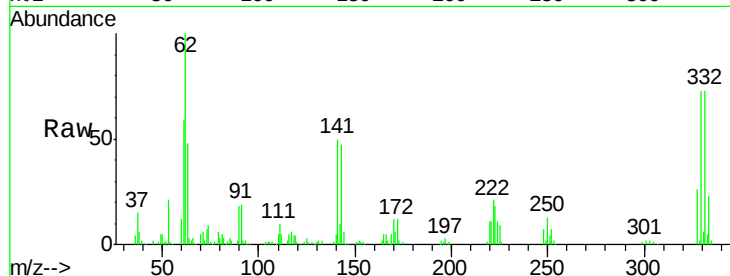
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	168751		
235	63.5	42.0	82.0	
272	11.0	0.0	36.1	





#41
 2,4,6-Tribromophenol
 Concen: 157.46 ng
 RT: 10.20 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

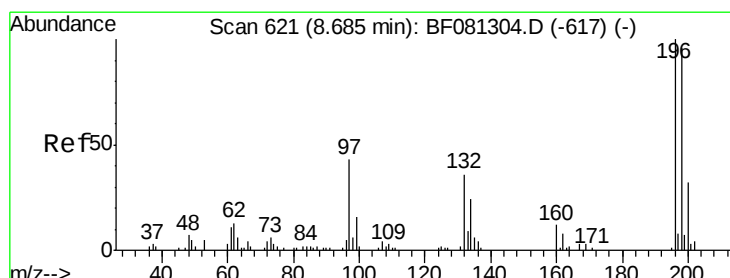
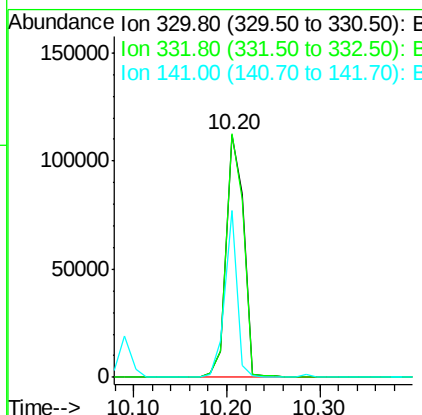
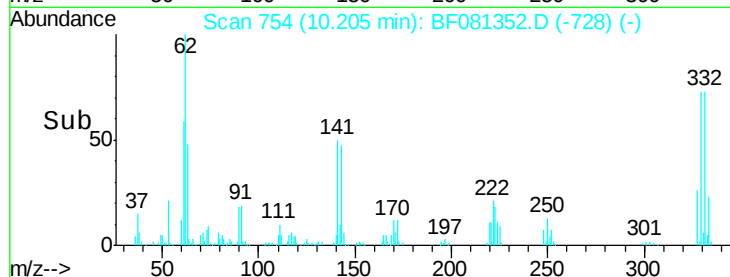
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-J1-J2-J3-J4MSD



Tgt Ion	Ratio	Resp	Lower	Upper
330	100	147723		
332	98.5	76.6	114.8	
141	47.5	29.7	44.5#	

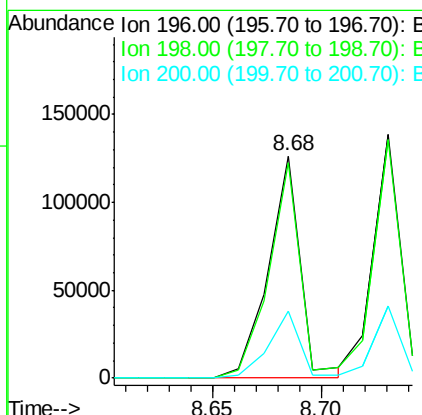
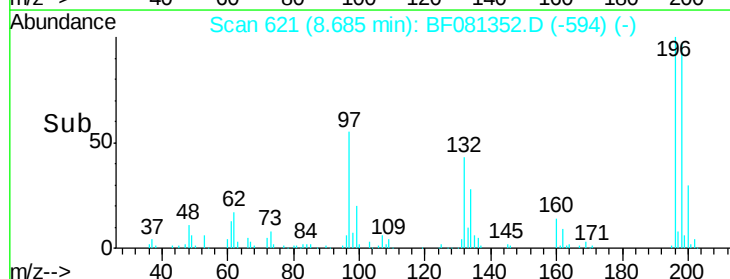
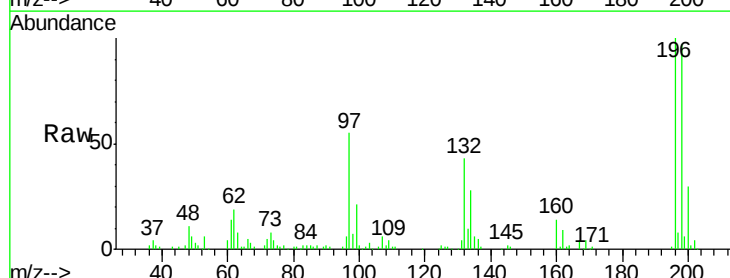
Manual Integrations
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#42
 2,4,6-Trichlorophenol
 Concen: 56.69 ng
 RT: 8.68 min Scan# 621
 Delta R.T. 0.01 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

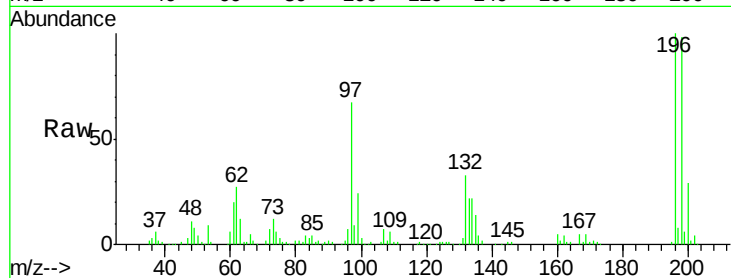
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	130369		
198	96.8	75.7	113.5	
200	30.4	23.9	35.9	





#43
 2,4,5-Trichlorophenol
 Concen: 52.29 ng
 RT: 8.73 min Scan# 625
 Delta R.T. 0.01 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

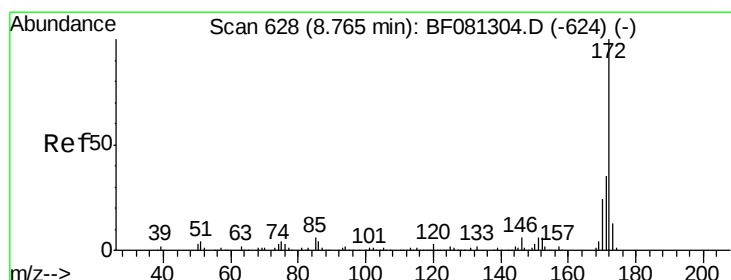
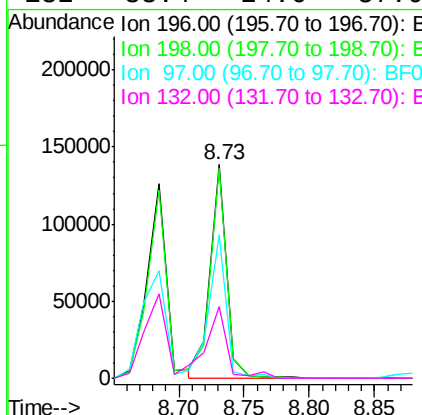
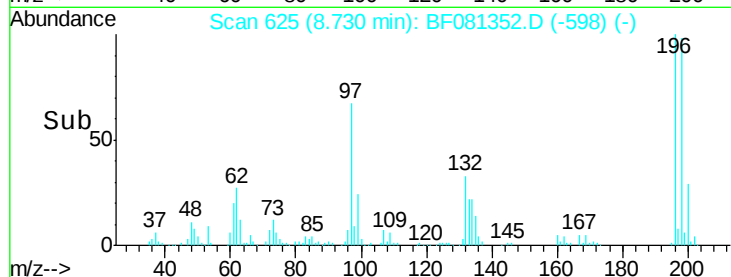
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-J1-J2-J3-J4MSD



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	122676		
198	98.1	75.4	113.0	
97	67.1	33.3	49.9	
132	33.4	24.6	37.0	

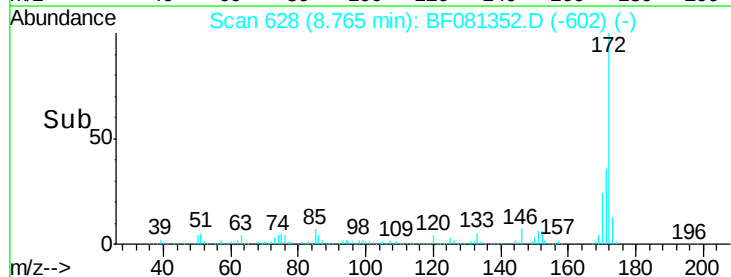
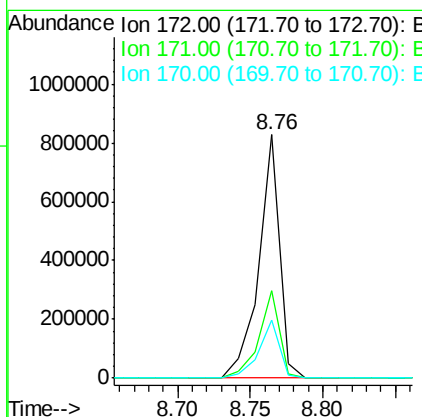
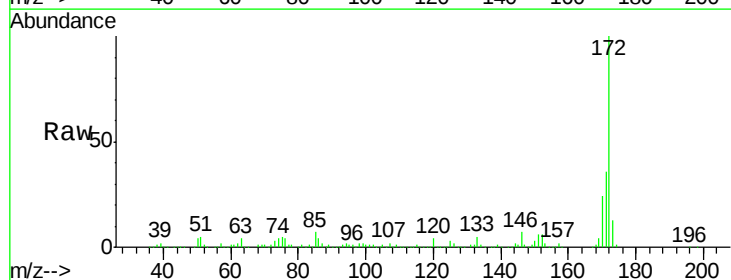
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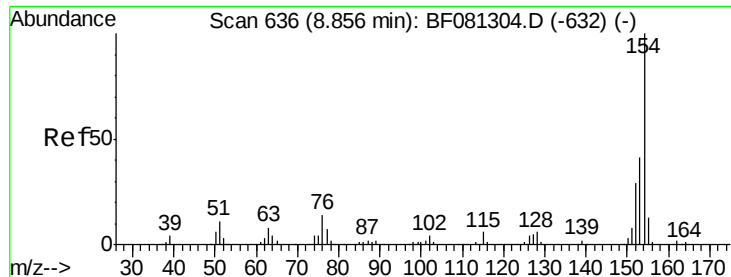
MMDadoda
 9/3/2015 1:44:09 PM



#44
 2-Fluorobiphenyl
 Concen: 99.35 ng
 RT: 8.76 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	816916		
171	36.0	26.1	39.1	
170	24.0	17.4	26.2	





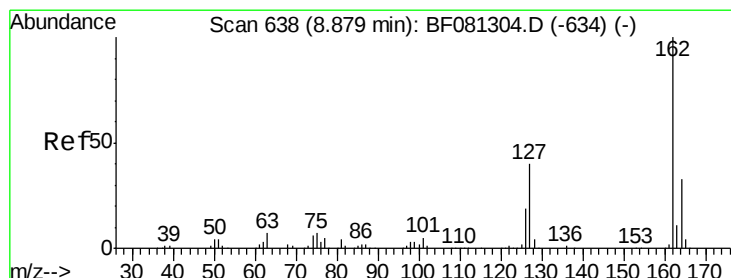
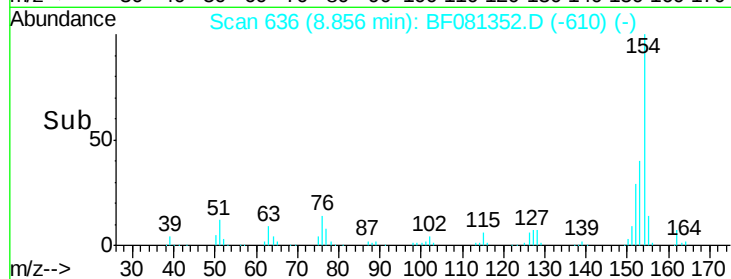
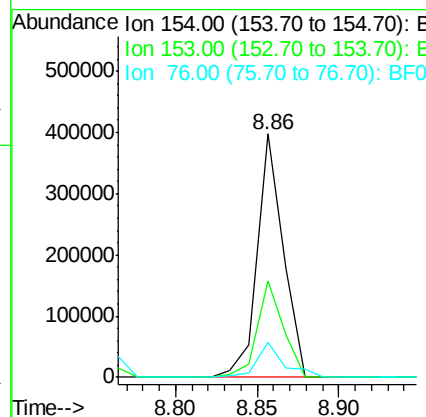
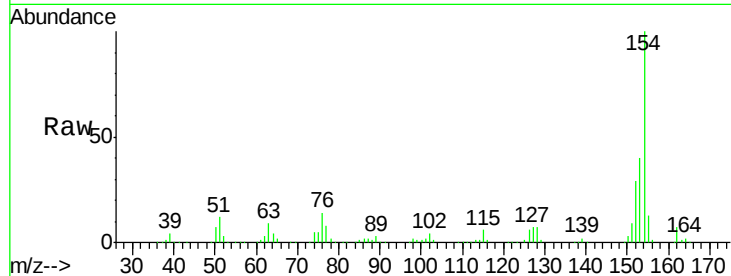
#45
1,1'-Biphenyl
Concen: 45.35 ng
RT: 8.86 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF081352.D
Acq: 2 Sep 2015 17:04

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-J1-J2-J3-J4MSD

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	39.5	17.1	57.1	
76	14.4	0.0	31.6	

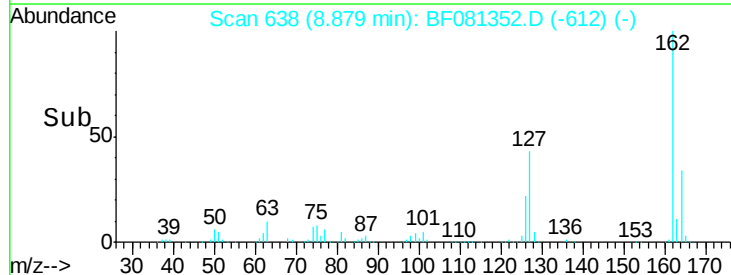
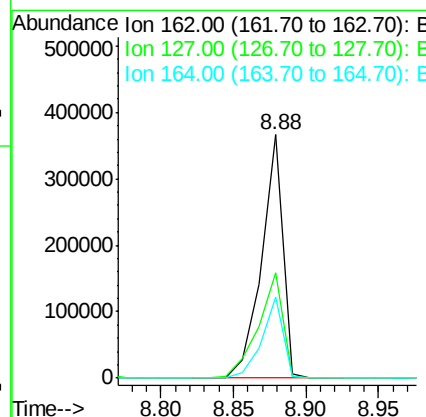
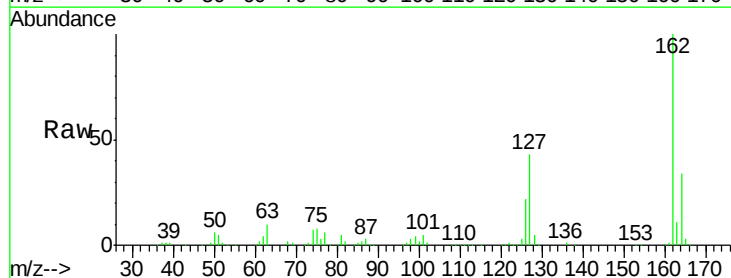
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#46
2-Chloronaphthalene
Concen: 53.27 ng
RT: 8.88 min Scan# 638
Delta R.T. 0.00 min
Lab File: BF081352.D
Acq: 2 Sep 2015 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	43.4	27.6	41.4#	
164	33.5	25.4	38.2	





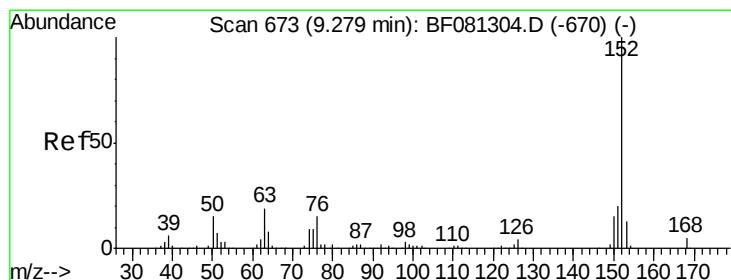
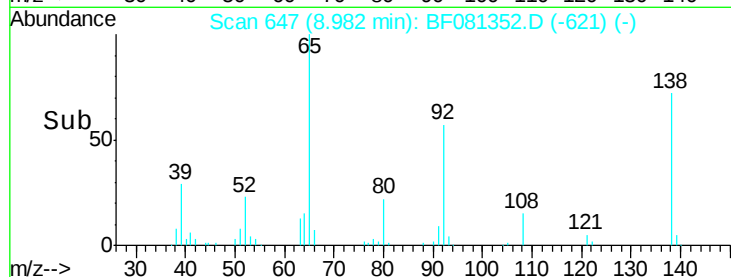
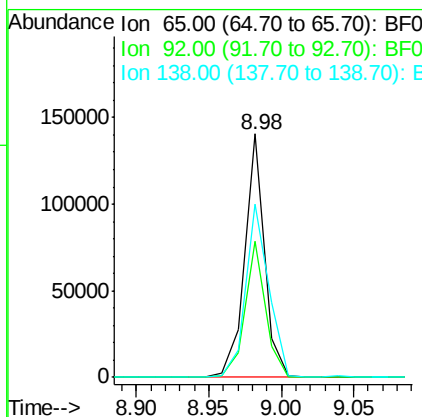
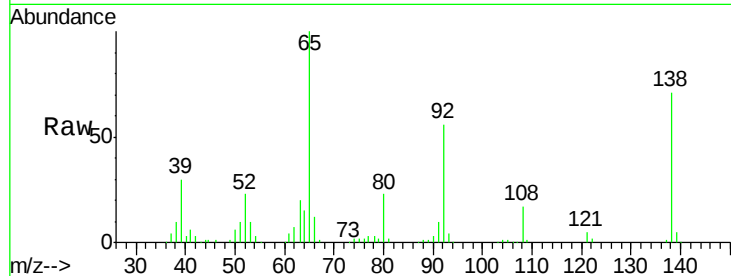
#47
2-Nitroaniline
Concen: 46.89 ng
RT: 8.98 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF081352.D
Acq: 2 Sep 2015 17:04

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-J1-J2-J3-J4MSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	56.1	55.4	83.0
138	71.2	115.5	173.3#

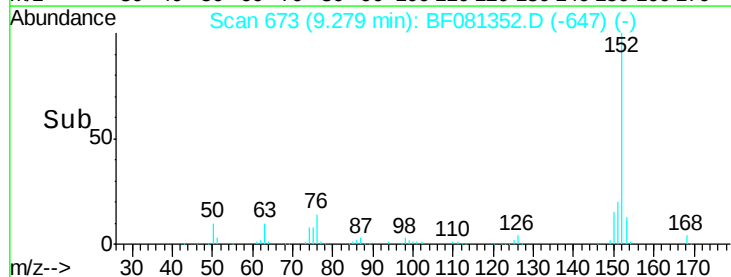
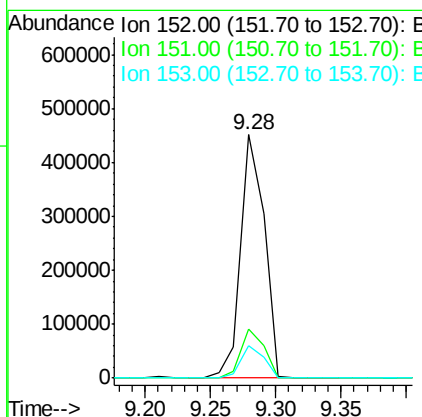
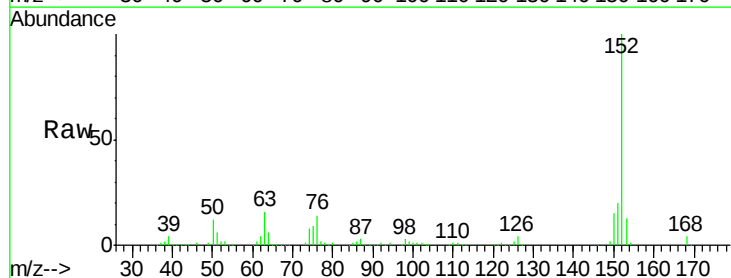
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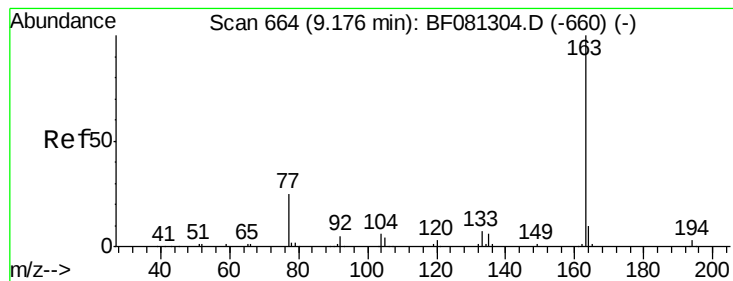
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#48
Acenaphthylene
Concen: 45.63 ng
RT: 9.28 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF081352.D
Acq: 2 Sep 2015 17:04

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	14.6	22.0
153	13.4	10.3	15.5





#49

Dimethylphthalate

Concen: 67.11 ng

RT: 9.18 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MSD

Tgt Ion:163 Resp: 549432
Ion Ratio Lower Upper

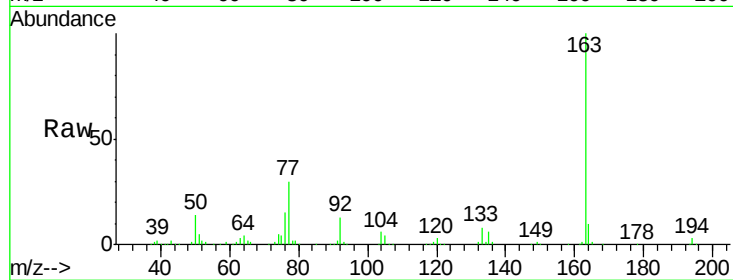
163 100

194 3.1 4.4 6.6#

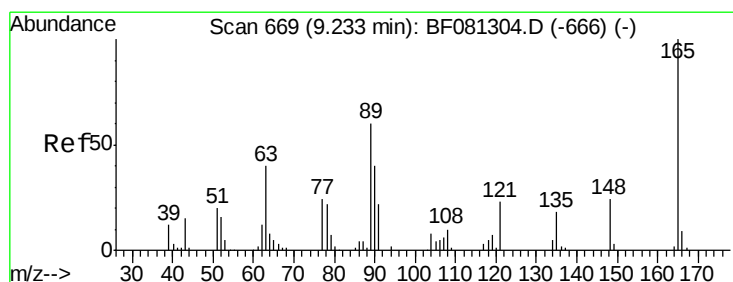
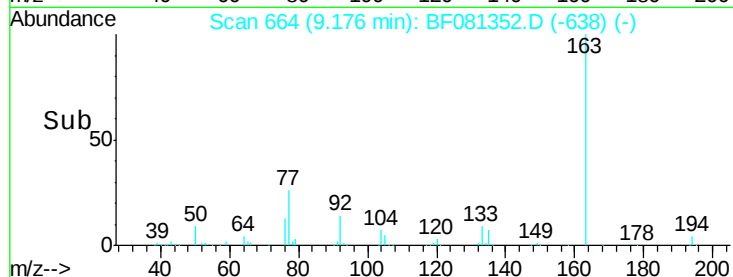
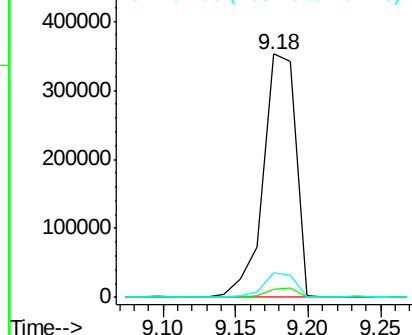
164 10.4 8.3 12.5

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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: 44.42 ng

RT: 9.23 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF081352.D

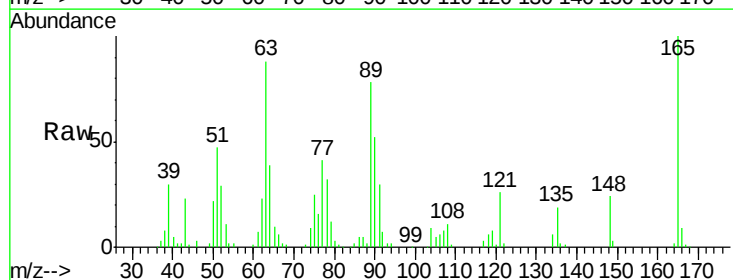
Acq: 2 Sep 2015 17:04

Tgt Ion:165 Resp: 82529
Ion Ratio Lower Upper

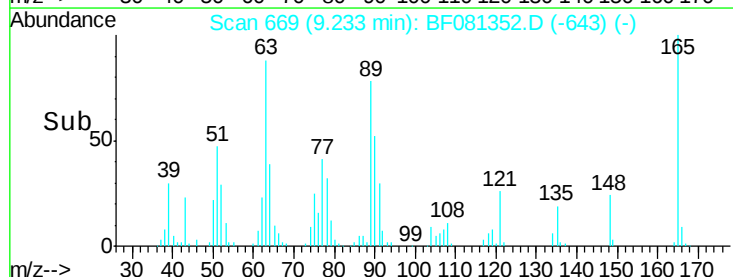
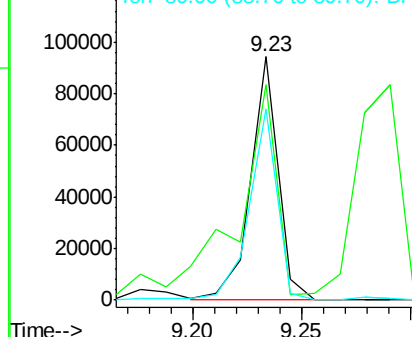
165 100

63 88.4 32.3 48.5#

89 78.5 28.6 43.0#



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: 47.62 ng

RT: 9.45 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF081352.D

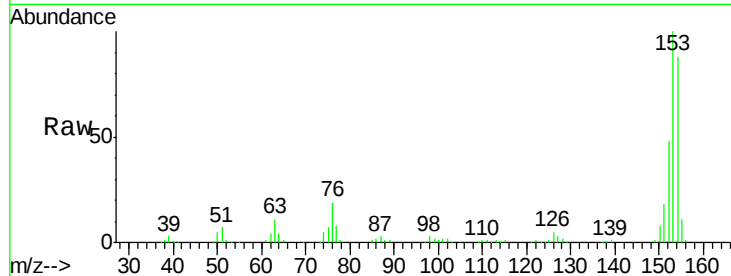
Acq: 2 Sep 2015 17:04

Instrument :

BNA_F

ClientSampleId :

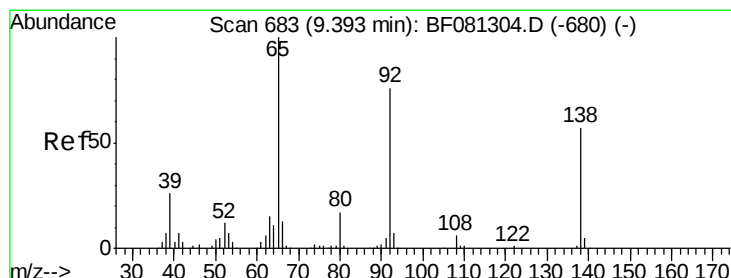
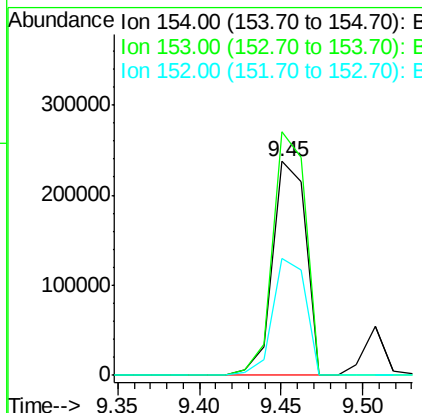
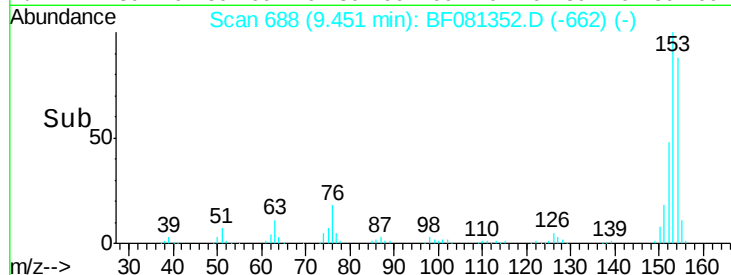
FK-BPM-02-J1-J2-J3-J4MSD



Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	113.9	82.1	123.1	
152	54.7	37.9	56.9	

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#52

3-Nitroaniline

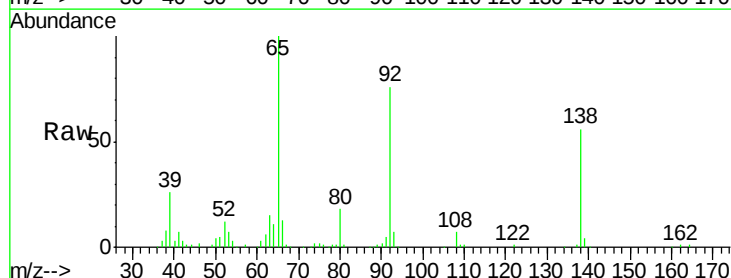
Concen: 31.26 ng

RT: 9.39 min Scan# 683

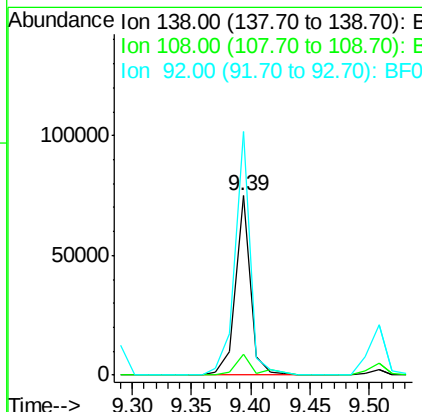
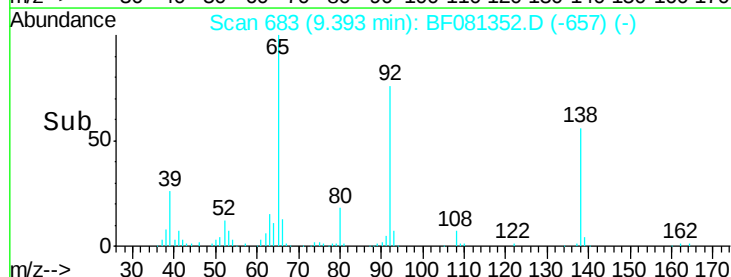
Delta R.T. 0.00 min

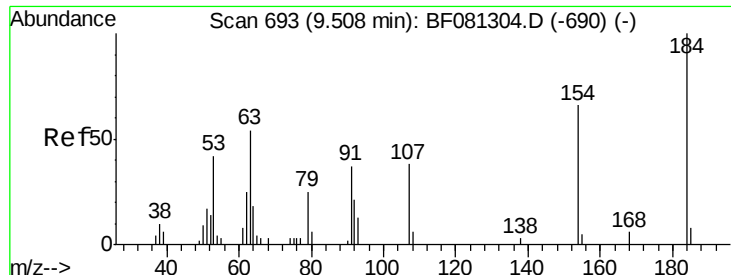
Lab File: BF081352.D

Acq: 2 Sep 2015 17:04



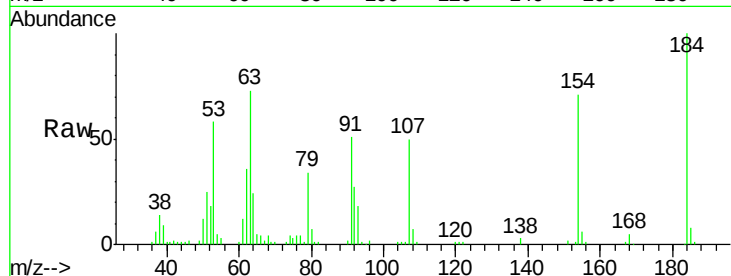
Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
108	11.7	5.7	8.5#	
92	135.7	67.7	101.5#	





#53
 2,4-Dinitrophenol
 Concen: 89.37 ng
 RT: 9.51 min Scan# 693
 Delta R.T. 0.01 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

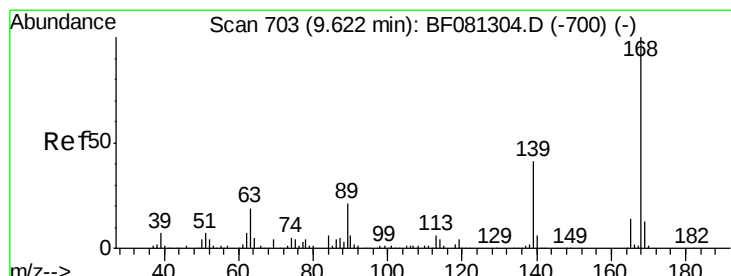
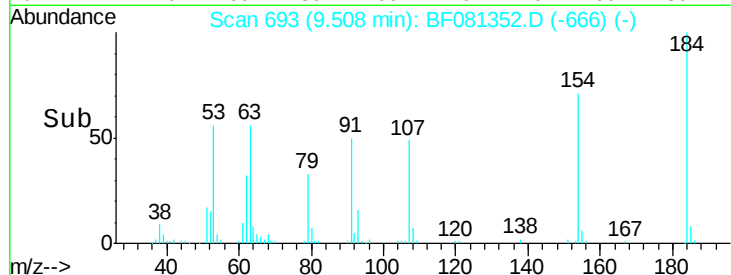
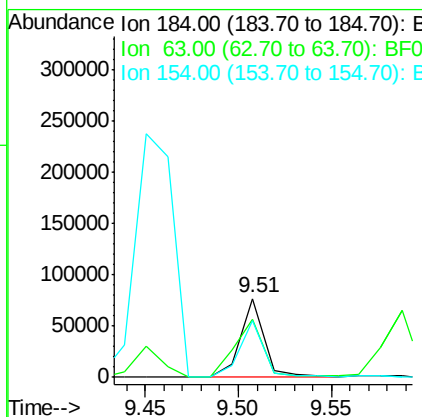
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-J1-J2-J3-J4MSD



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	69940		
63	73.0	35.4	53.2#	
154	71.4	32.2	48.4#	

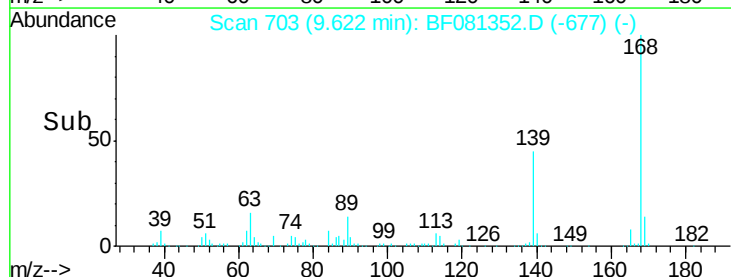
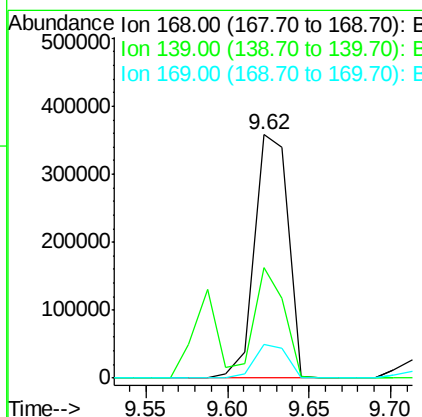
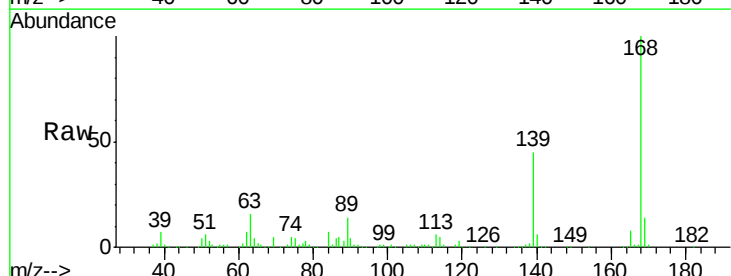
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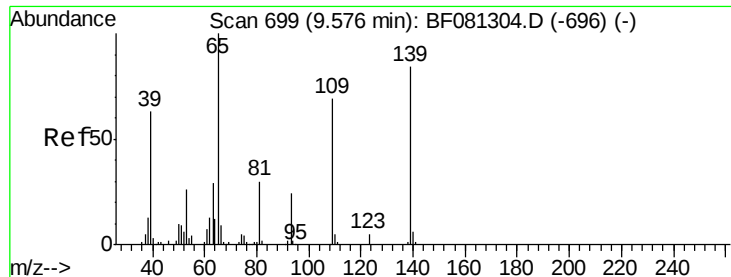
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#54
 Dibenzofuran
 Concen: 49.59 ng
 RT: 9.62 min Scan# 703
 Delta R.T. 0.00 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	511536		
139	45.2	24.2	36.2#	
169	13.8	10.6	15.8	





#55

4-Nitrophenol

Concen: 100.53 ng

RT: 9.59 min Scan# 700

Delta R.T. 0.01 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Instrument :

BNA_F

ClientSampleId :

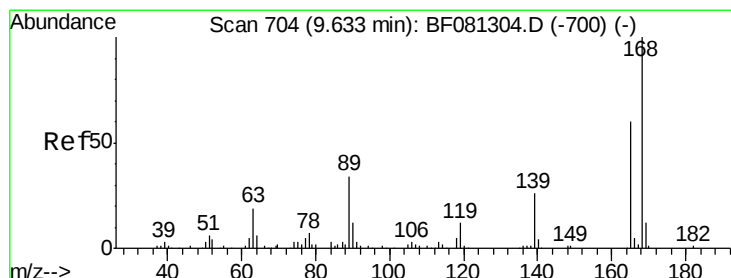
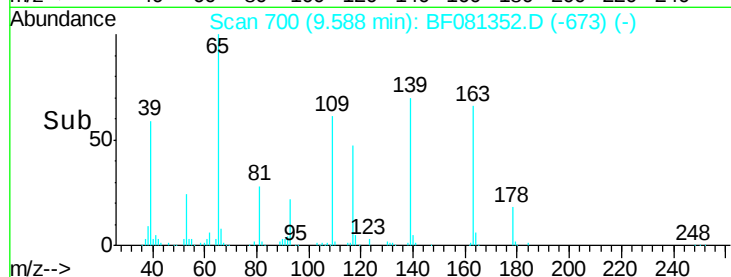
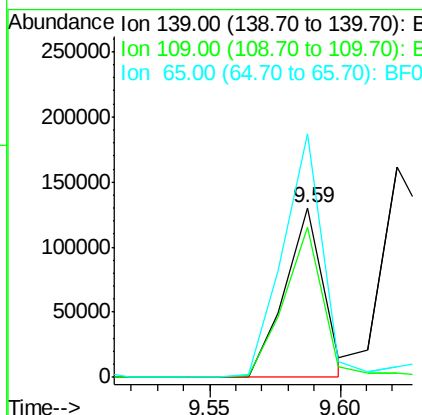
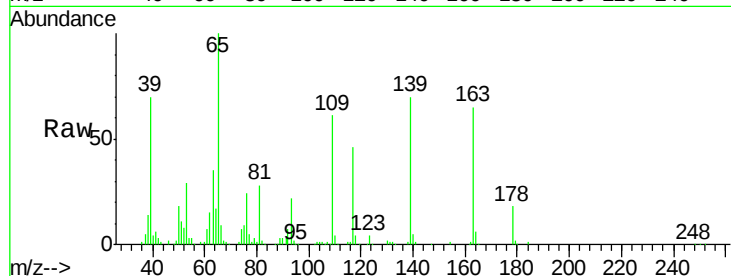
FK-BPM-02-J1-J2-J3-J4MSD

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Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	88.3	12.7	52.7#	
65	143.7	45.9	85.9#	



#56

2,4-Dinitrotoluene

Concen: 51.46 ng

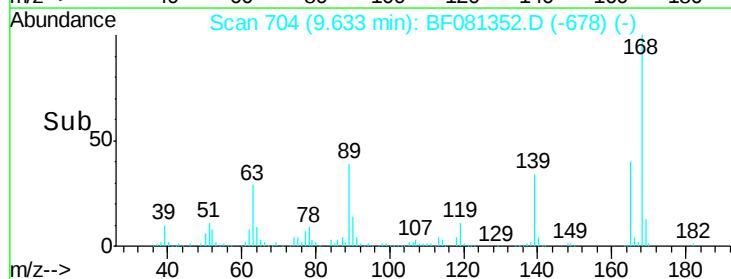
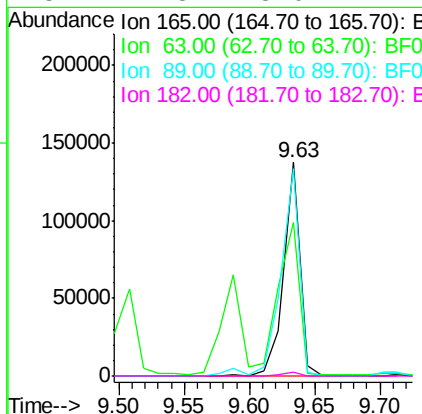
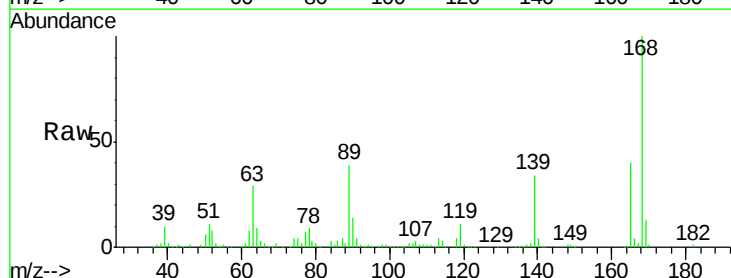
RT: 9.63 min Scan# 704

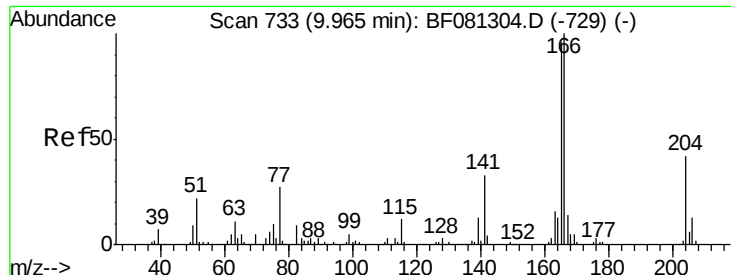
Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	72.2	29.8	44.6#	
89	97.0	44.5	66.7#	
182	1.8	3.0	4.4#	





#57

Fluorene

Concen: 52.00 ng

RT: 9.96 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Instrument :

BNA_F

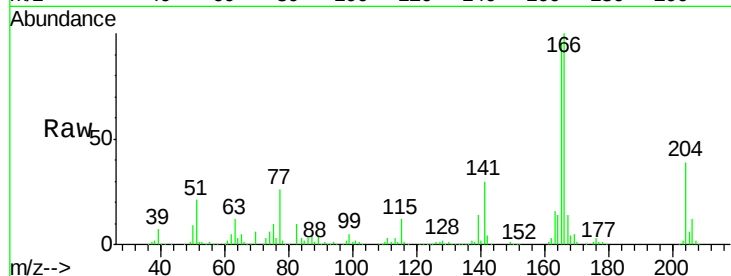
ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MSD

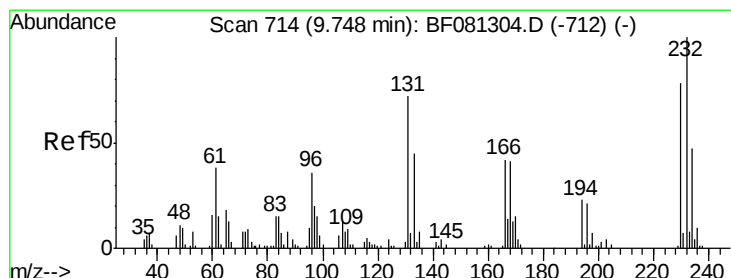
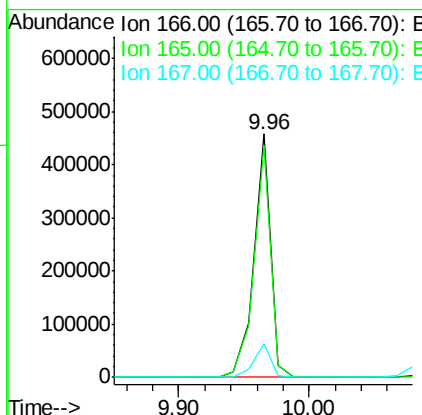
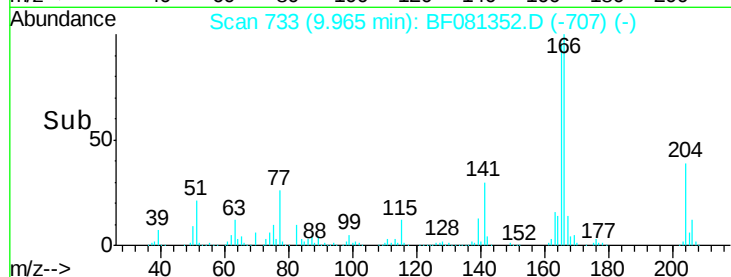
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Tgt Ion:	166	Resp:	407106
Ion Ratio		Lower	Upper
166	100		
165	95.6	72.6	109.0
167	13.9	10.6	16.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 55.63 ng

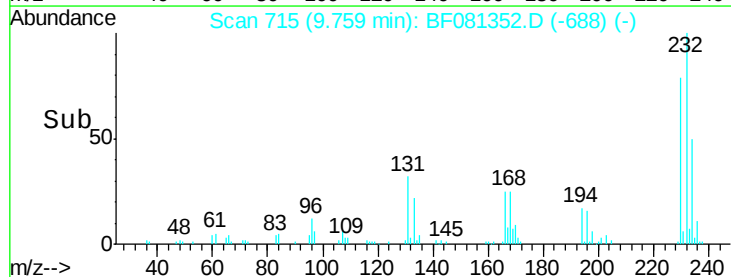
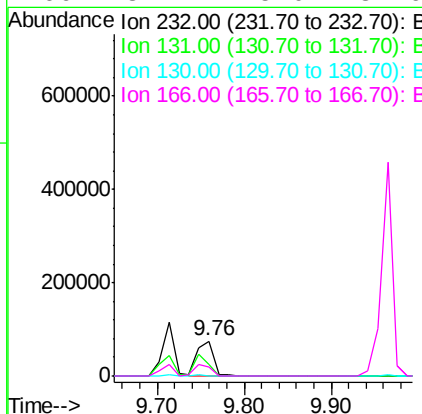
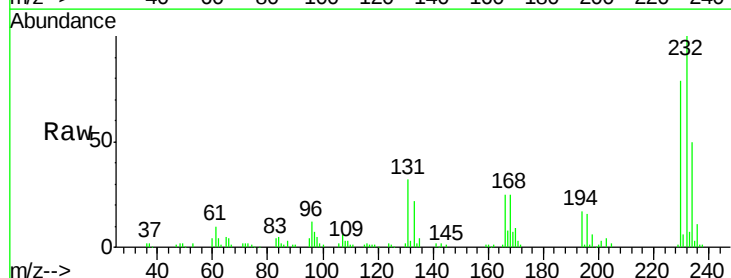
RT: 9.76 min Scan# 715

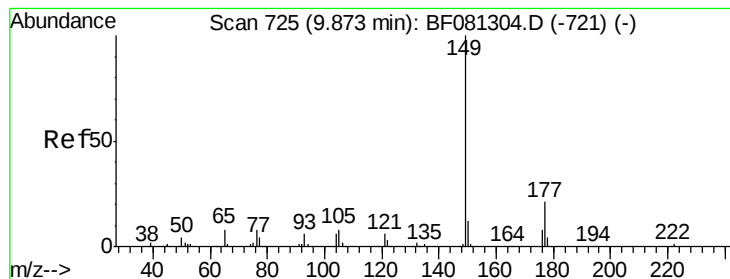
Delta R.T. 0.01 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Tgt Ion:	232	Resp:	99639
Ion Ratio		Lower	Upper
232	100		
131	53.4	38.5	57.7
130	2.6	1.8	2.6
166	32.4	25.0	37.6





#59

Diethylphthalate

Concen: 50.69 ng

RT: 9.87 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Instrument :

BNA_F

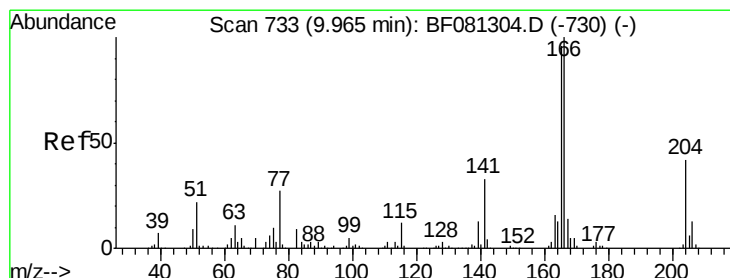
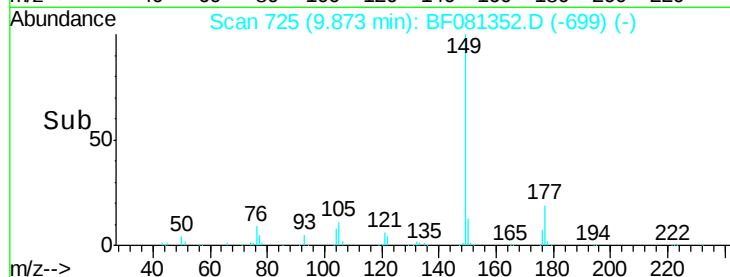
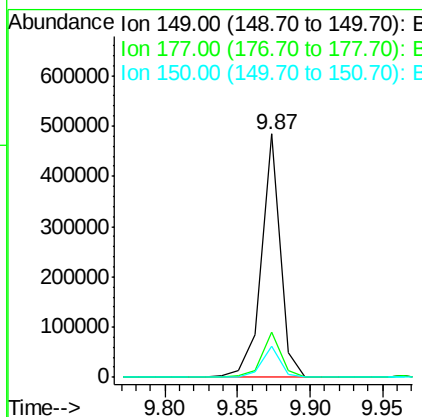
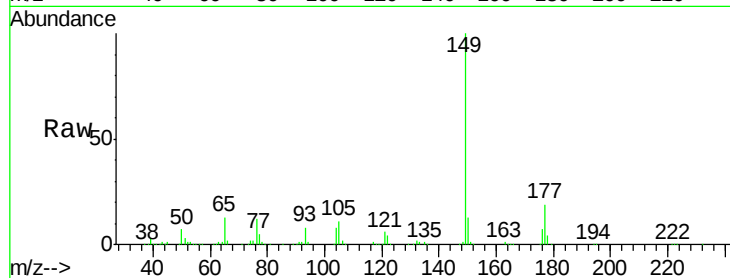
ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MSD

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Tgt Ion:	149	Resp:	436534
Ion Ratio	Lower	Upper	
149	100		
177	18.7	17.5	26.3
150	12.8	9.4	14.2



#60

4-Chlorophenyl-phenylether

Concen: 47.96 ng

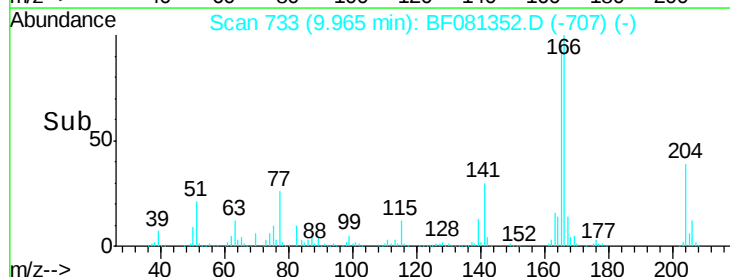
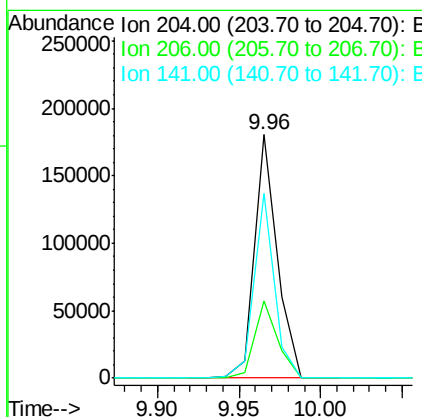
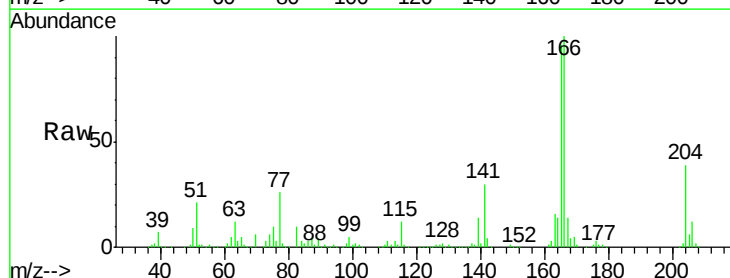
RT: 9.96 min Scan# 733

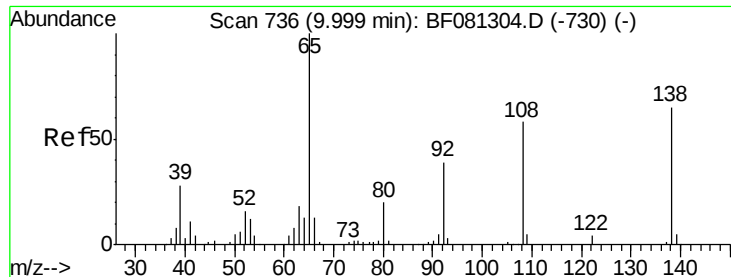
Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Tgt Ion:	204	Resp:	175013
Ion Ratio	Lower	Upper	
204	100		
206	31.7	24.8	37.2
141	76.0	42.2	63.4#





#61

4-Nitroaniline

Concen: 46.26 ng

RT: 10.01 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Instrument :

BNA_F

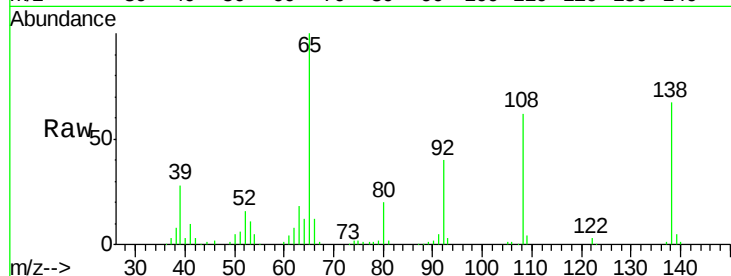
ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MSD

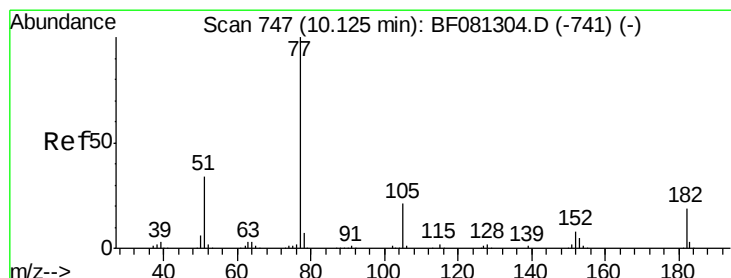
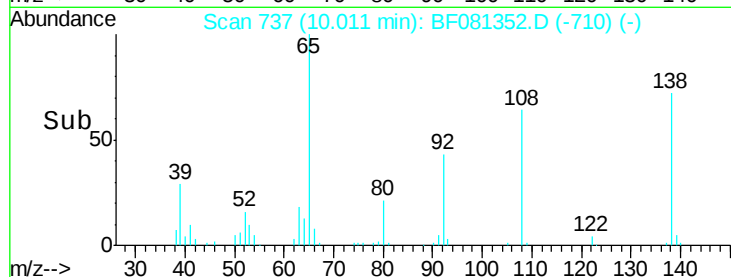
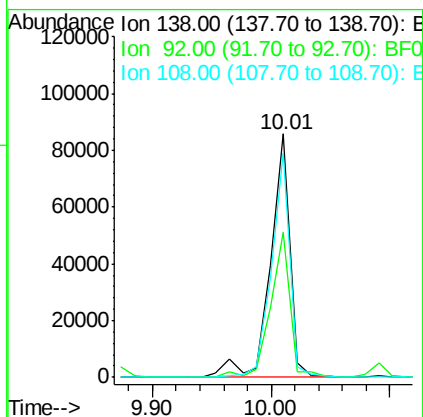
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Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.4	12.6	52.6#
108	92.3	12.4	52.4#



#62

Azobenzene

Concen: 53.67 ng

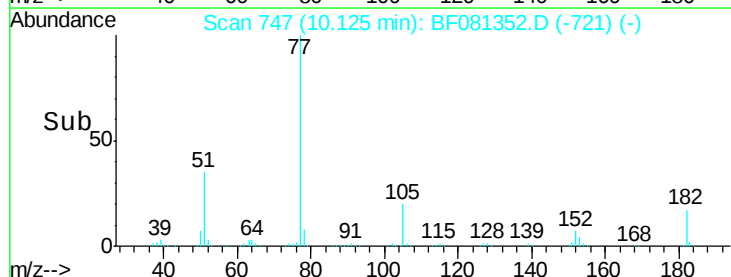
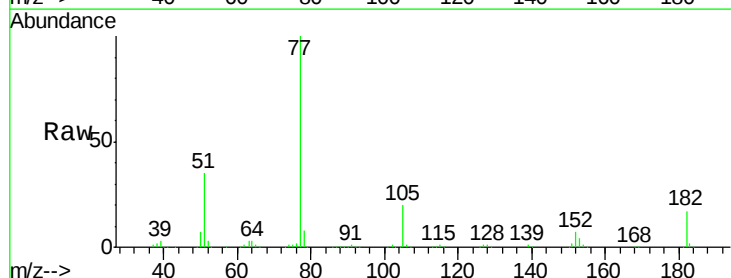
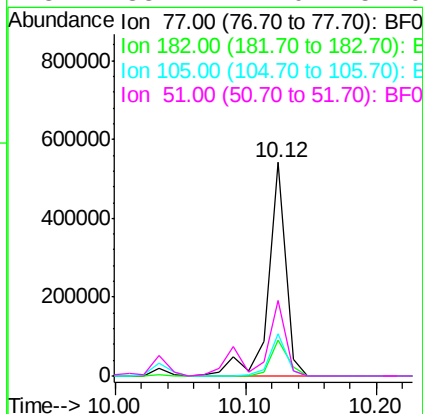
RT: 10.12 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Tgt Ion	Ratio	Lower	Upper
77	100		
182	16.6	15.1	55.1
105	20.0	3.4	43.4
51	35.2	12.0	52.0





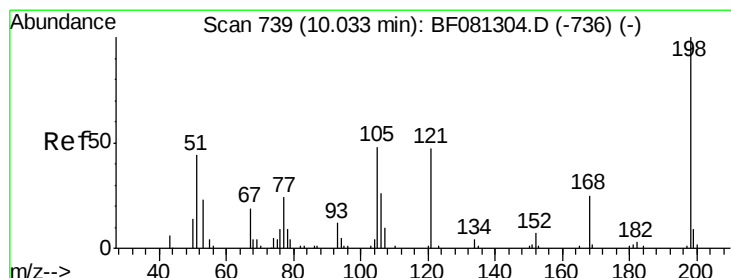
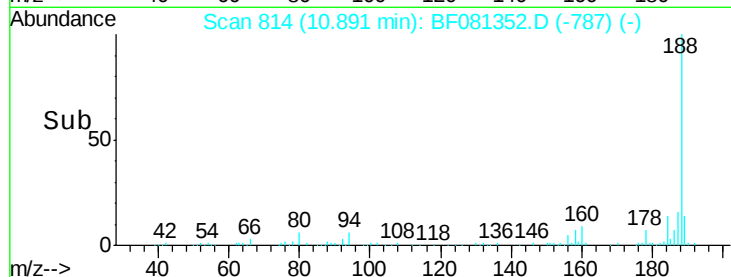
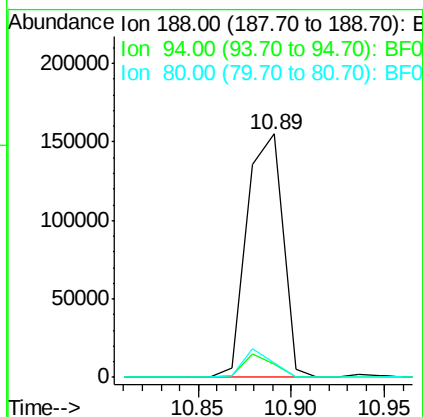
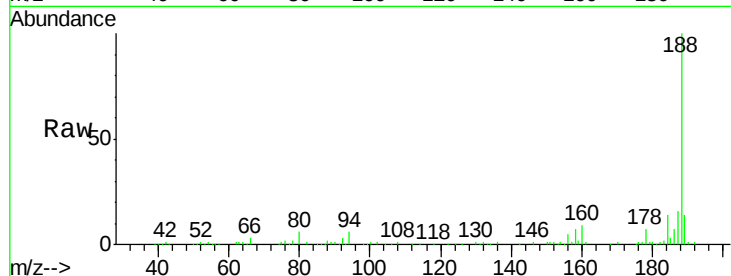
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.89 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF081352.D
Acq: 2 Sep 2015 17:04

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-J1-J2-J3-J4MSD

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	207370		
94	5.6	11.1	16.7#	
80	5.8	11.0	16.4#	

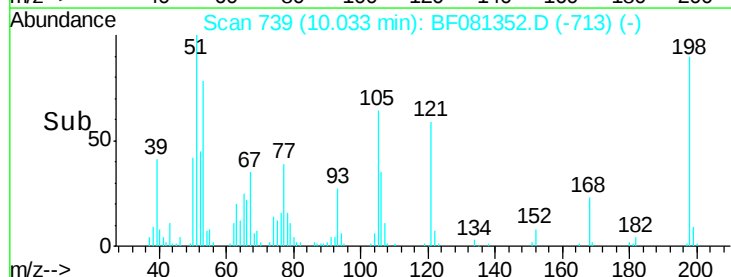
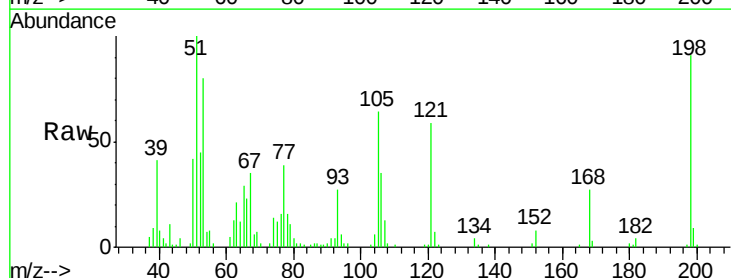
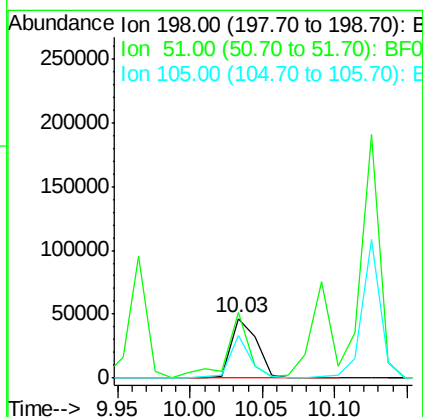
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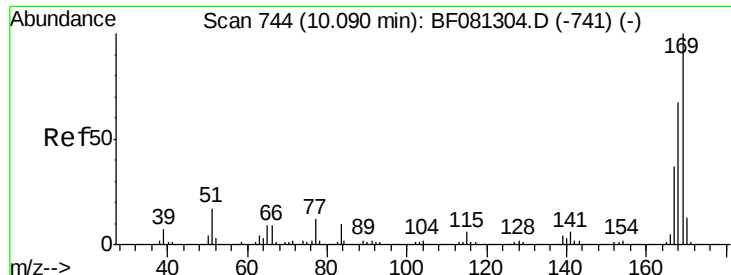
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#64
4,6-Dinitro-2-methylphenol
Concen: 49.32 ng
RT: 10.03 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF081352.D
Acq: 2 Sep 2015 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	57199		
51	110.3	39.6	79.6#	
105	70.8	28.5	68.5#	





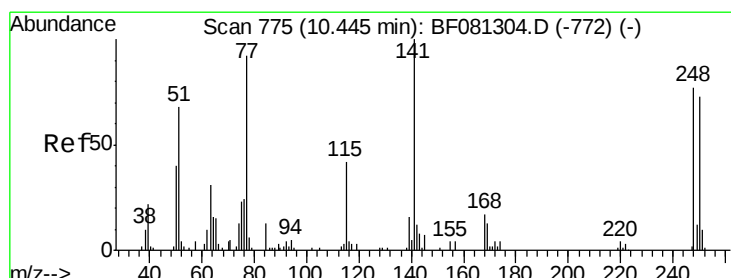
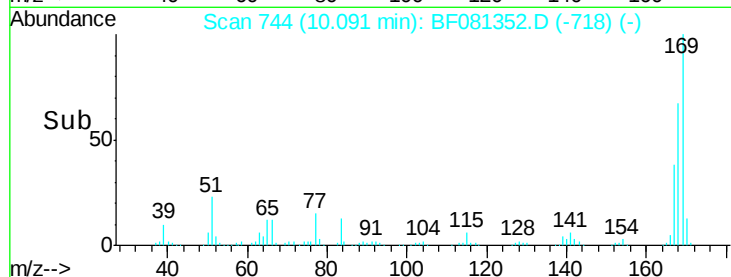
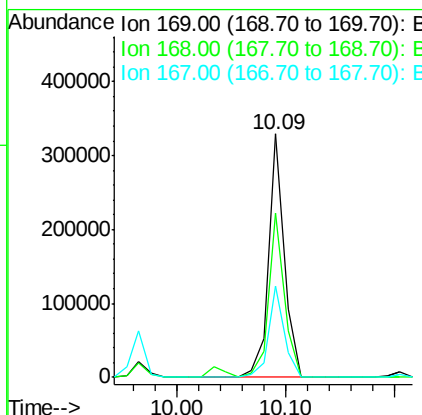
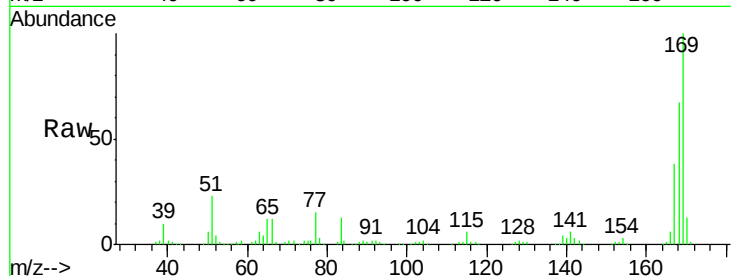
#65
 n-Nitrosodiphenylamine
 Concen: 44.33 ng
 RT: 10.09 min Scan# 744
 Delta R.T. 0.00 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-J1-J2-J3-J4MSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	334536		
168	67.5	48.9	73.3	
167	37.7	26.2	39.4	

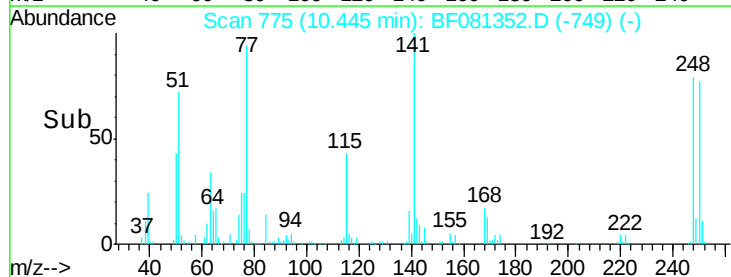
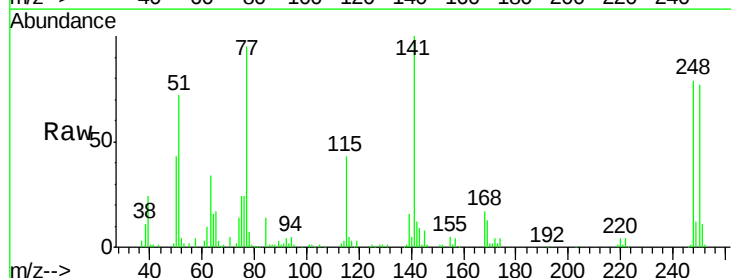
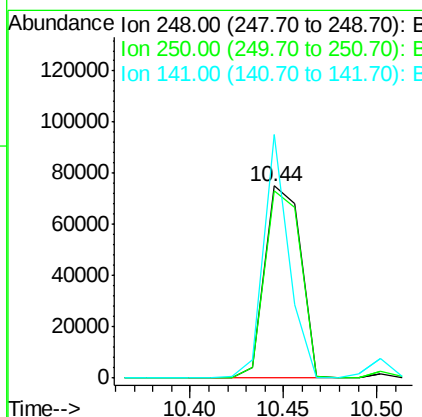
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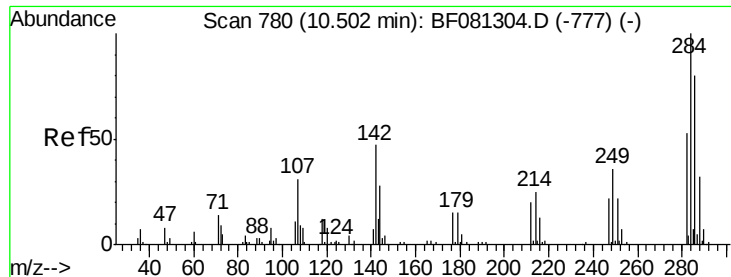
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#66
 4-Bromophenyl-phenylether
 Concen: 48.58 ng
 RT: 10.44 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	101861		
250	97.7	78.5	117.7	
141	126.6	59.0	88.6	





#67

Hexachlorobenzene

Concen: 44.42 ng

RT: 10.50 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF081352.D

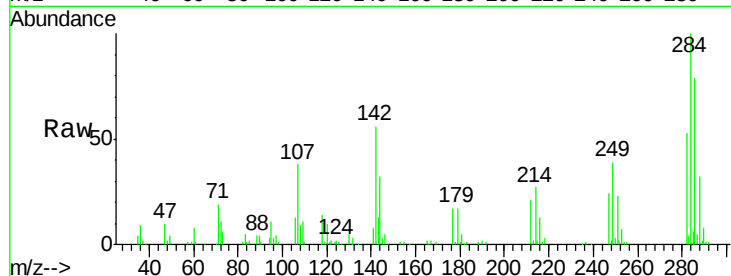
Acq: 2 Sep 2015 17:04

Instrument :

BNA_F

ClientSampleId :

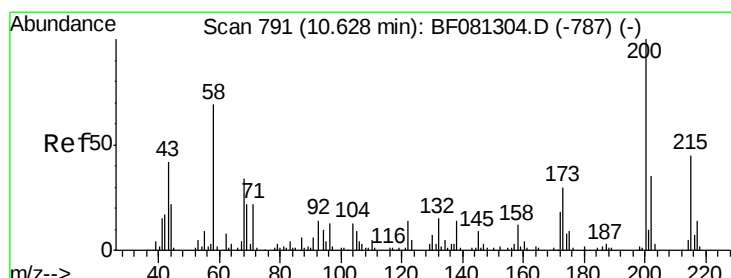
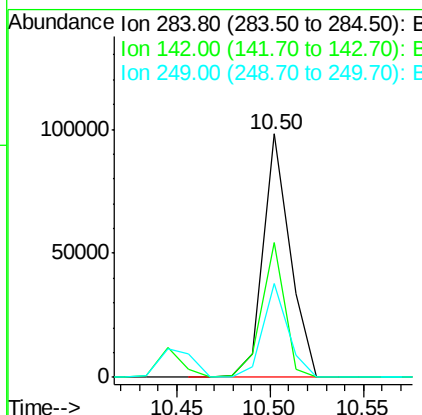
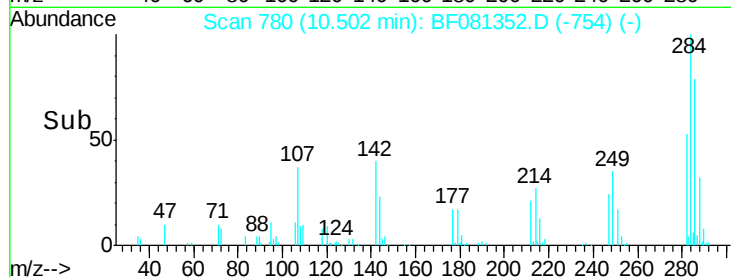
FK-BPM-02-J1-J2-J3-J4MSD



Tgt Ion:	284	Resp:	97375
Ion Ratio	Lower	Upper	
284	100		
142	55.6	29.5	44.3#
249	38.7	19.5	29.3#

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#68

Atrazine

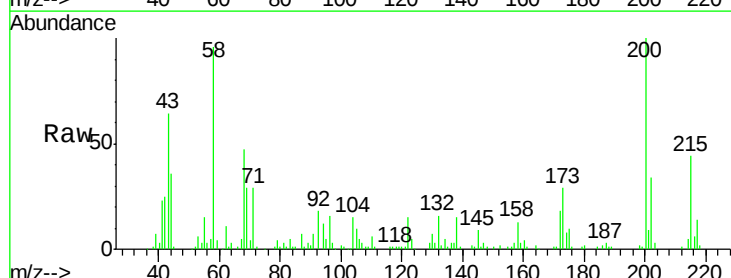
Concen: 46.51 ng

RT: 10.63 min Scan# 791

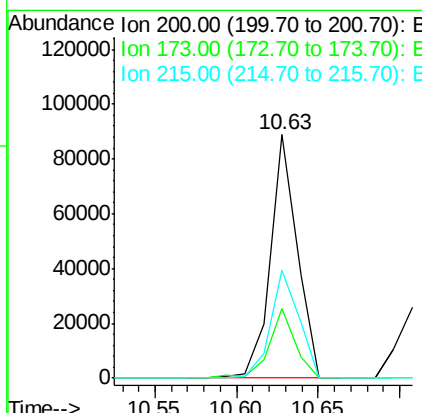
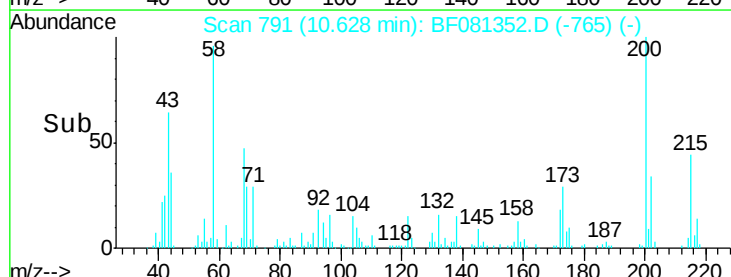
Delta R.T. 0.00 min

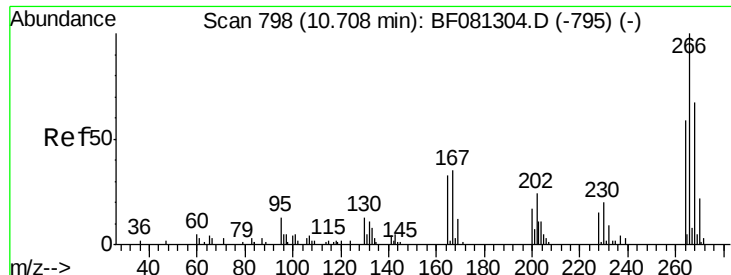
Lab File: BF081352.D

Acq: 2 Sep 2015 17:04



Tgt Ion:	200	Resp:	101568
Ion Ratio	Lower	Upper	
200	100		
173	28.6	13.2	53.2
215	44.3	41.8	81.8





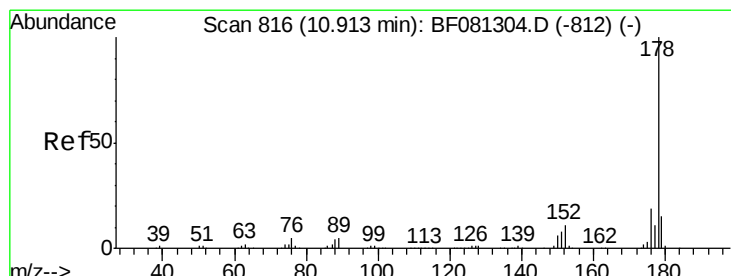
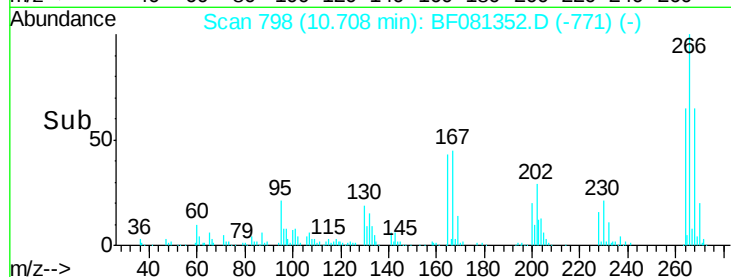
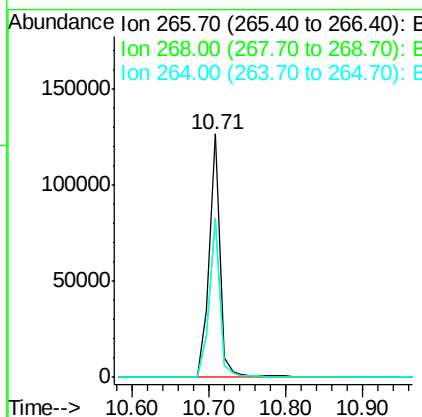
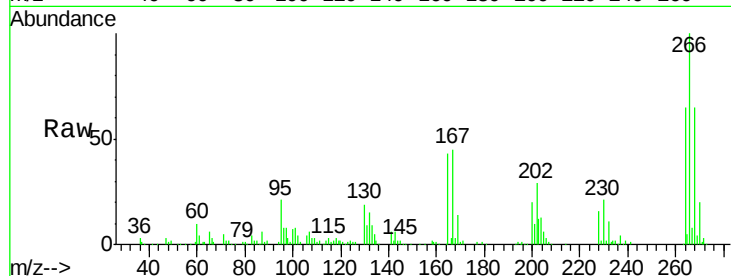
#69
 Pentachlorophenol
 Concen: 112.77 ng
 RT: 10.71 min Scan# 798
 Delta R.T. 0.01 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-J1-J2-J3-J4MSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	124646		
268	65.2	49.8	74.6	
264	64.9	50.2	75.2	

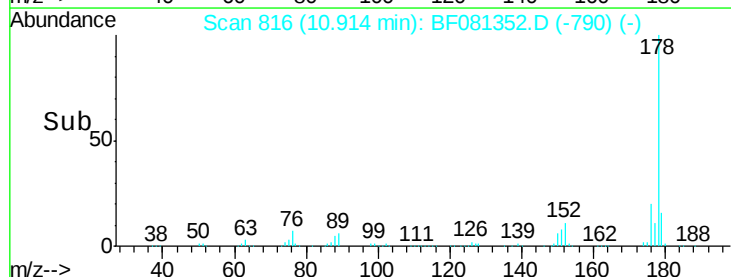
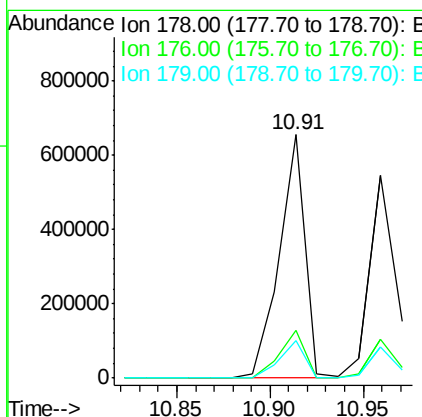
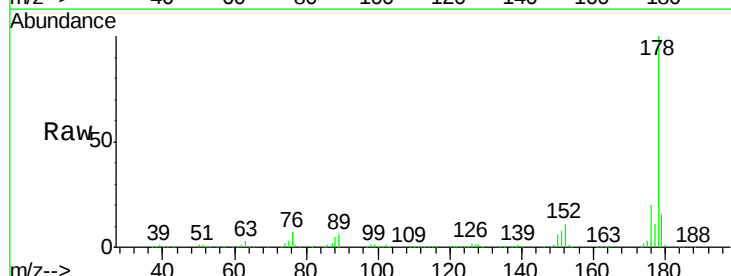
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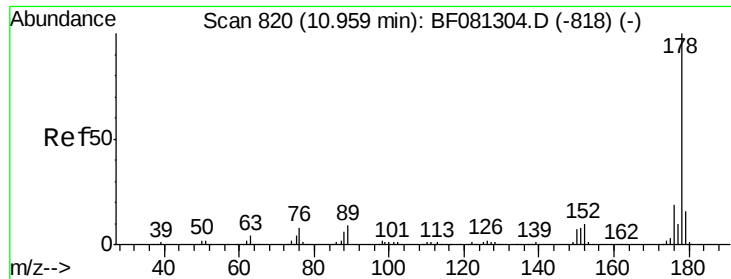
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#70
 Phenanthrene
 Concen: 54.38 ng
 RT: 10.91 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	626917		
176	19.5	13.8	20.8	
179	15.5	12.2	18.2	





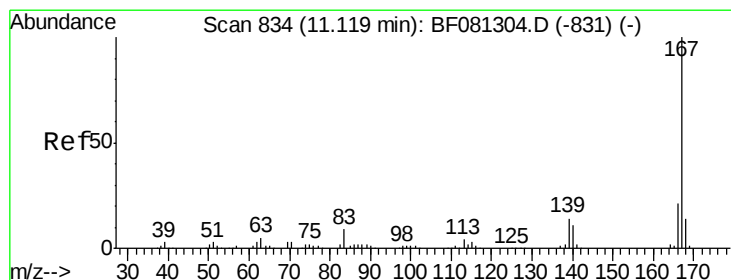
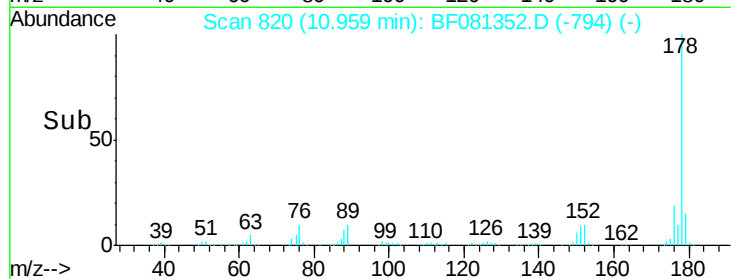
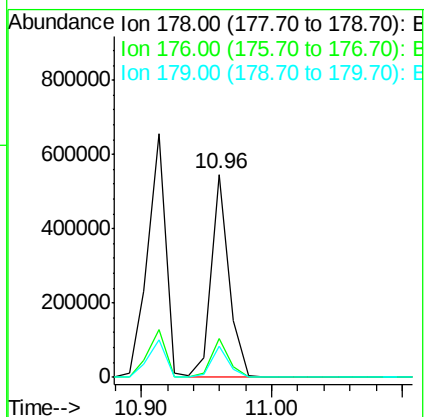
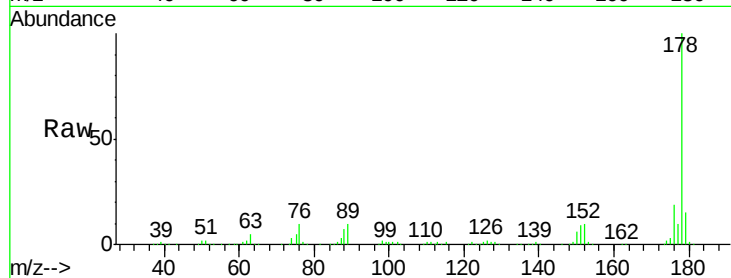
#71
 Anthracene
 Concen: 43.97 ng
 RT: 10.96 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-J1-J2-J3-J4MSD

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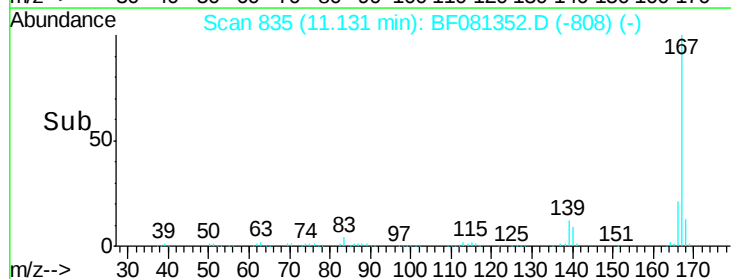
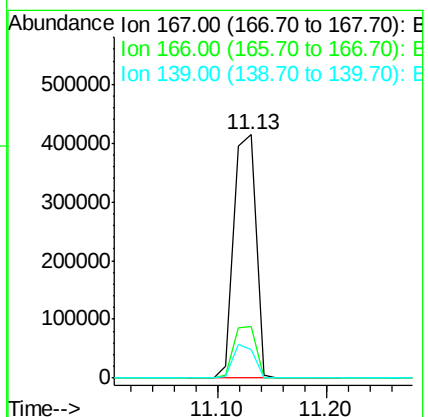
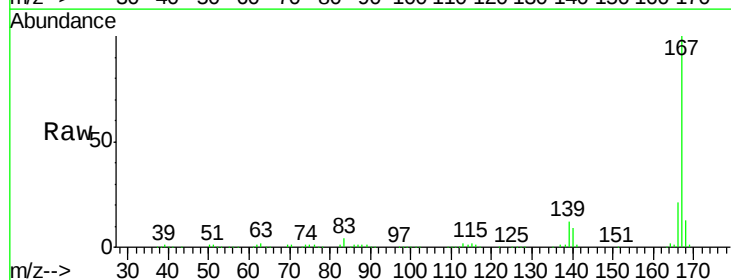
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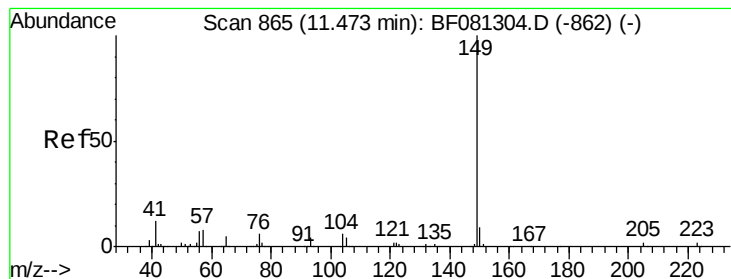
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.1	21.1
179	15.5	12.2	18.2



#72
 Carbazole
 Concen: 51.66 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.01 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.2	15.7	23.5
139	11.7	9.5	14.3





#73

Di-n-butylphthalate

Concen: 47.92 ng

RT: 11.47 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Instrument :

BNA_F

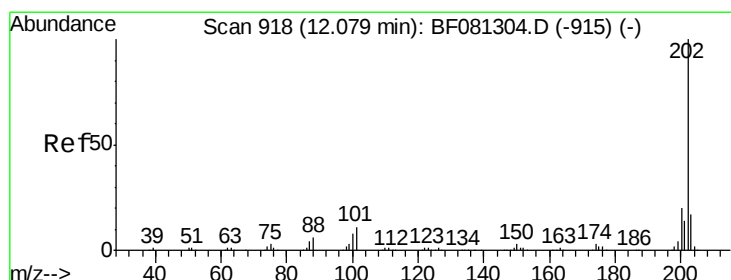
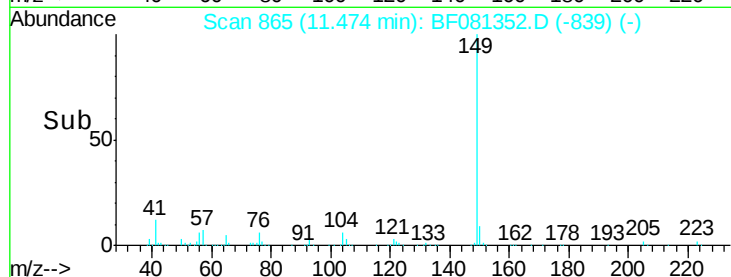
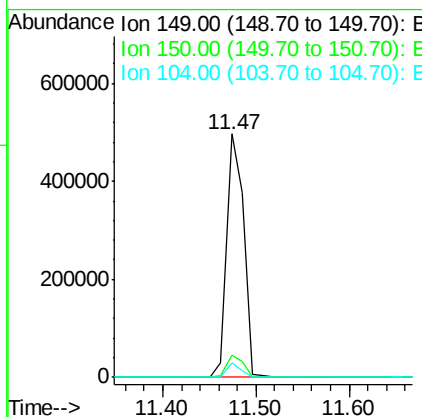
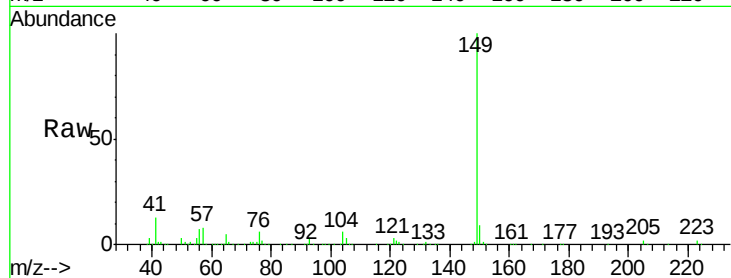
ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MSD

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Tgt Ion:	149	Resp:	628981
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.4	11.2
104	5.7	2.4	3.6#



#74

Fluoranthene

Concen: 44.83 ng

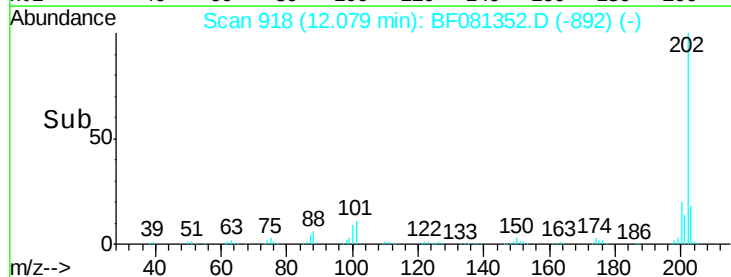
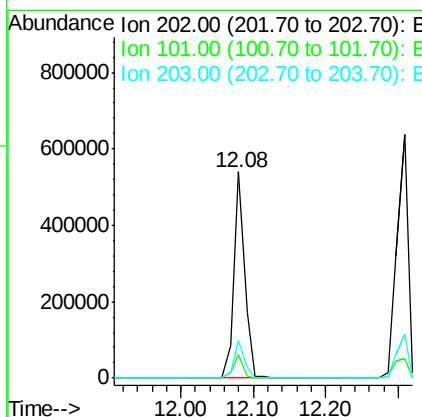
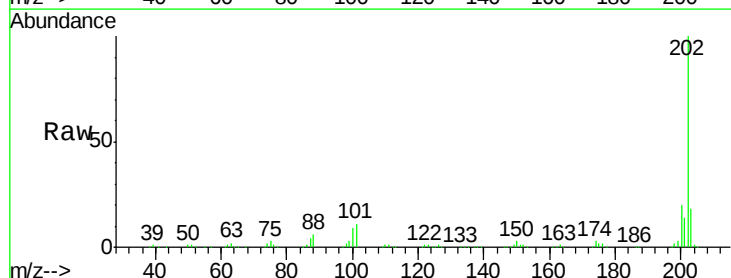
RT: 12.08 min Scan# 918

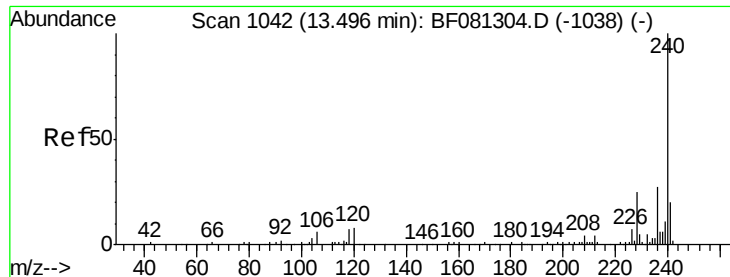
Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Tgt Ion:	202	Resp:	559483
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	38.3
203	18.2	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.50 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF081352.D

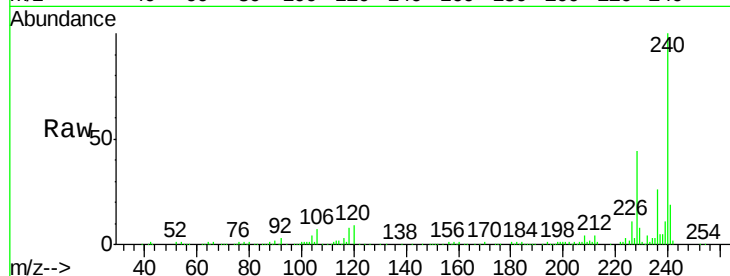
Acq: 2 Sep 2015 17:04

Instrument :

BNA_F

ClientSampleId :

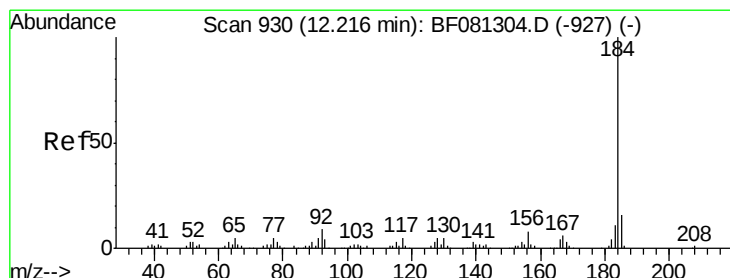
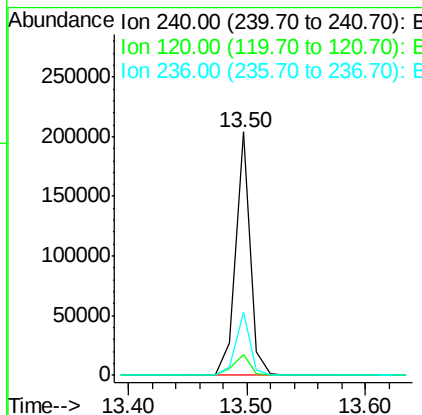
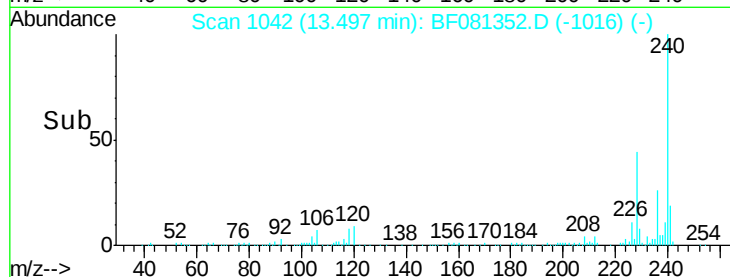
FK-BPM-02-J1-J2-J3-J4MSD



Tgt Ion:	240	Resp:	174574
Ion Ratio	Lower	Upper	
240	100		
120	8.7	16.2	24.2#
236	26.0	18.4	27.6

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#76

Benzidine

Concen: 24.10 ng

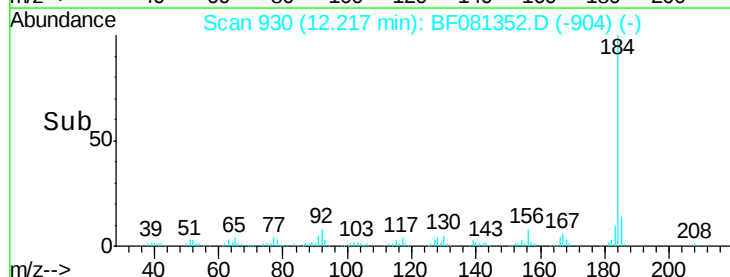
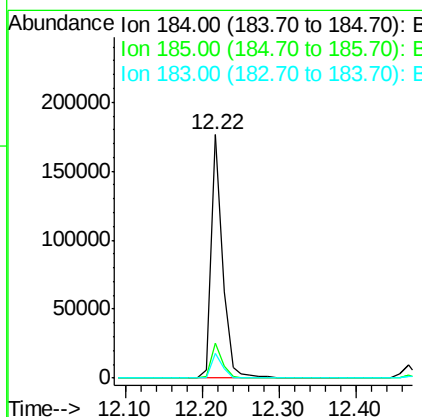
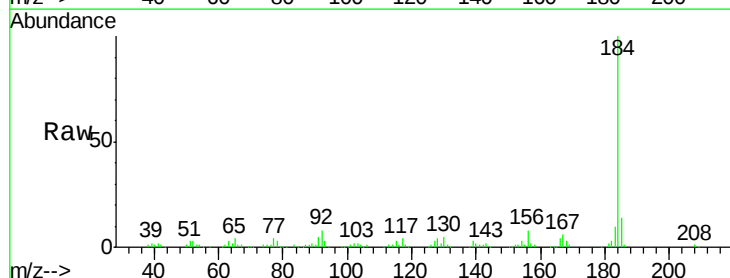
RT: 12.22 min Scan# 930

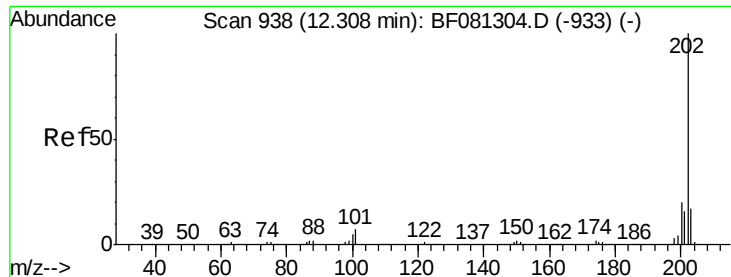
Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Tgt Ion:	184	Resp:	180635
Ion Ratio	Lower	Upper	
184	100		
185	14.5	11.8	17.6
183	10.2	7.6	11.4





#77

Pyrene

Concen: 52.87 ng

RT: 12.31 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF081352.D

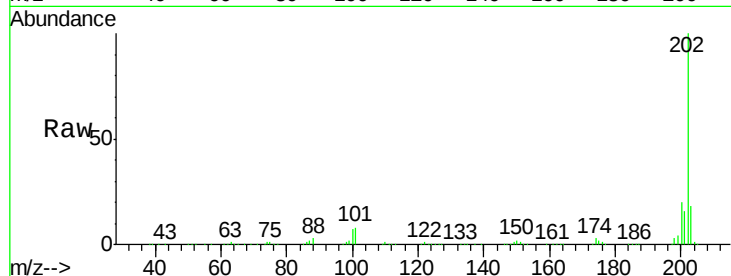
Acq: 2 Sep 2015 17:04

Instrument :

BNA_F

ClientSampleId :

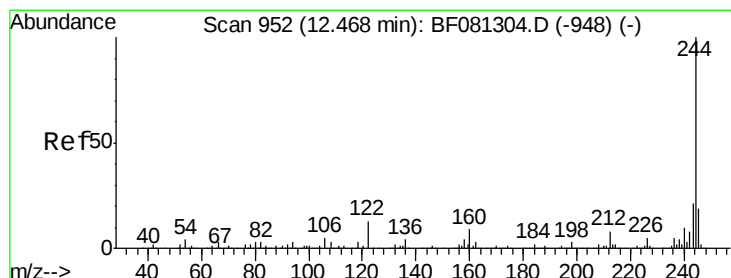
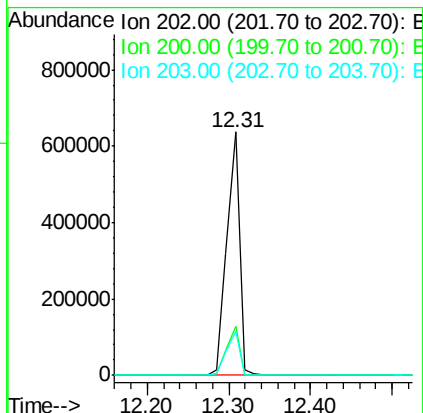
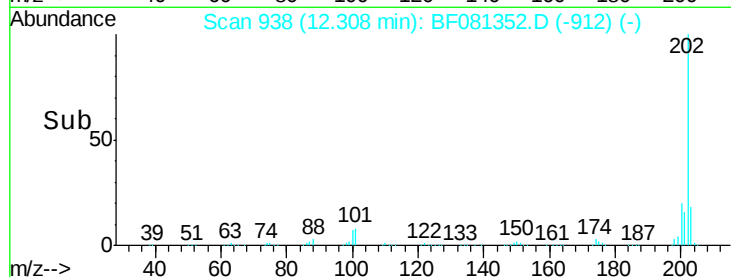
FK-BPM-02-J1-J2-J3-J4MSD



Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.0	15.0	22.4
203	17.9	14.1	21.1

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#78

Terphenyl-d14

Concen: 85.76 ng

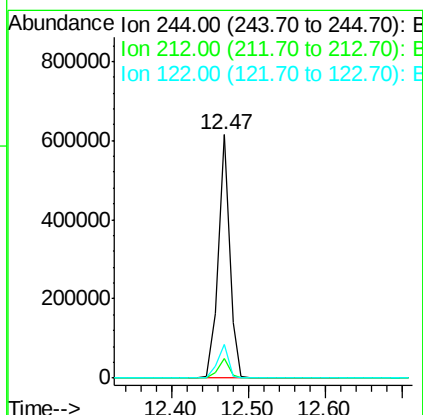
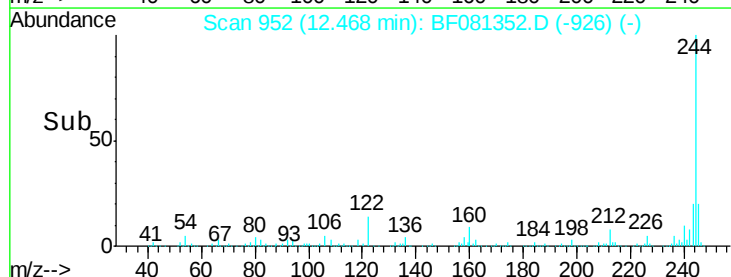
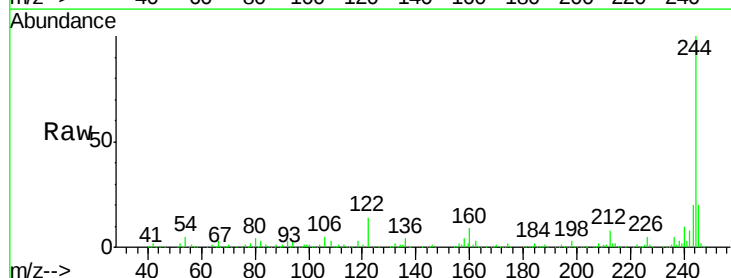
RT: 12.47 min Scan# 952

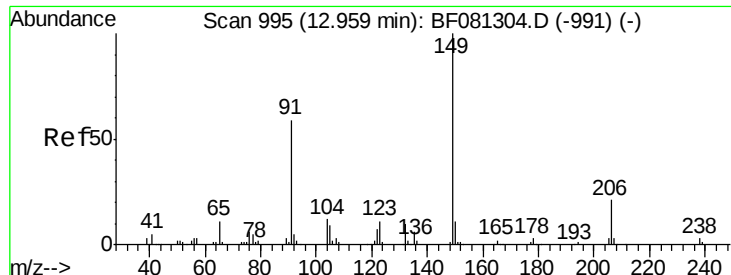
Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	4.3	6.5#
122	13.7	17.4	26.2#





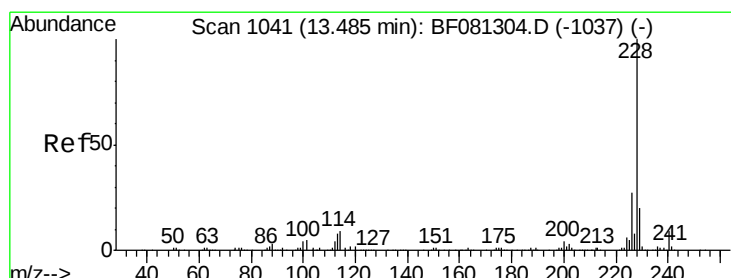
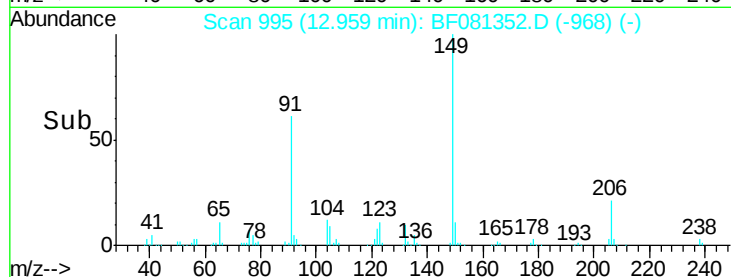
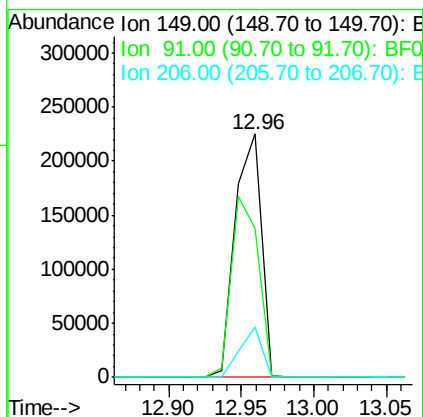
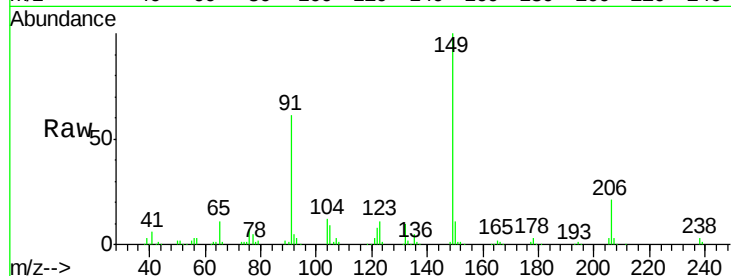
#79
Butylbenzylphthalate
Concen: 50.58 ng
RT: 12.96 min Scan# 995
Delta R.T. 0.01 min
Lab File: BF081352.D
Acq: 2 Sep 2015 17:04

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-J1-J2-J3-J4MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	284463		
91	61.0	48.6	72.8	
206	20.7	14.9	22.3	

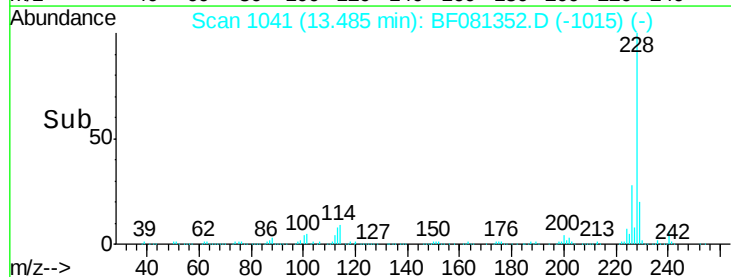
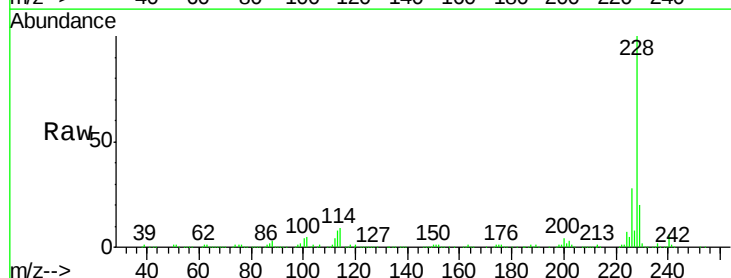
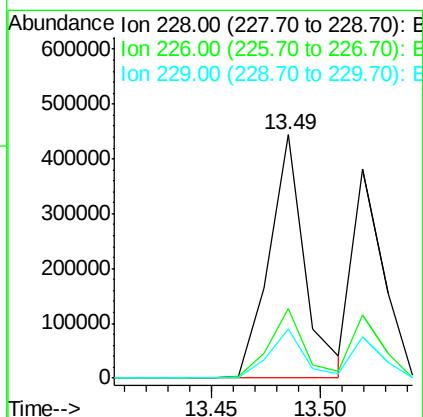
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#80
Benzo(a)anthracene
Concen: 45.88 ng
RT: 13.49 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF081352.D
Acq: 2 Sep 2015 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	510124		
226	28.5	20.0	30.0	
229	20.4	15.4	23.2	





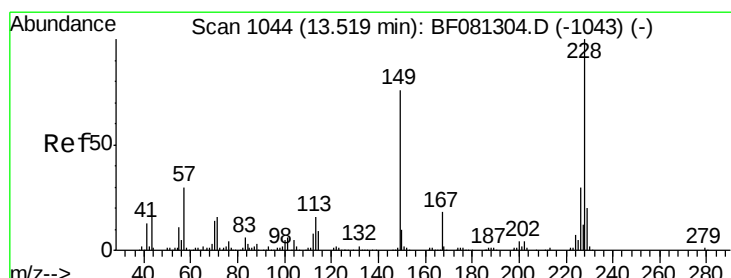
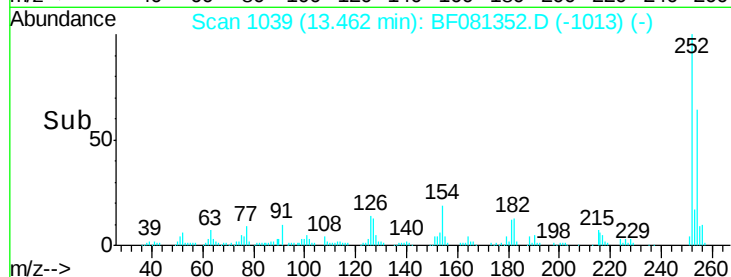
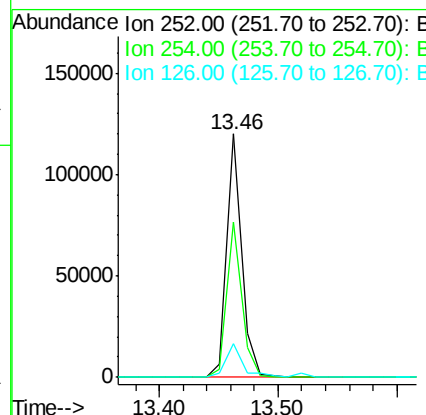
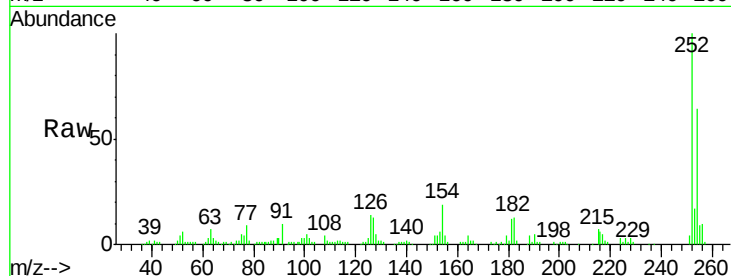
#81
 3,3'-Dichlorobenzidine
 Concen: 27.73 ng
 RT: 13.46 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-J1-J2-J3-J4MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.9	51.4	77.2
126	13.7	16.4	24.6

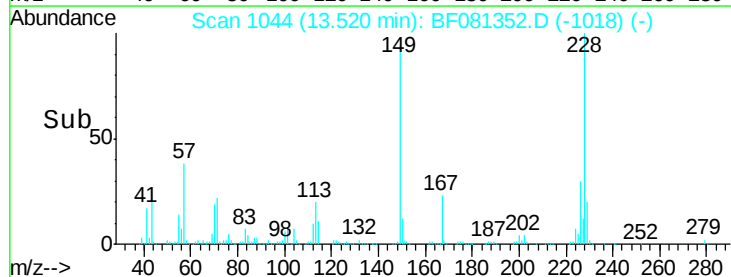
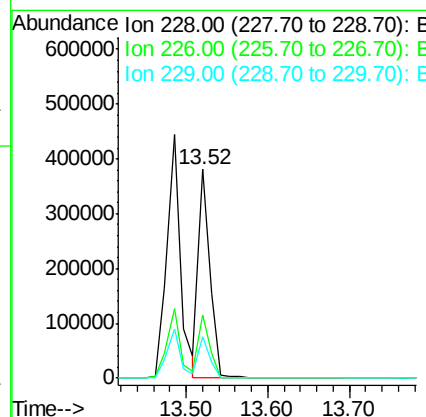
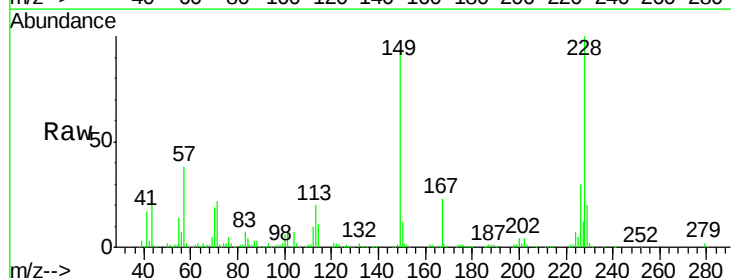
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#82
 Chrysene
 Concen: 38.02 ng
 RT: 13.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.5	21.0	31.4
229	19.6	15.6	23.4





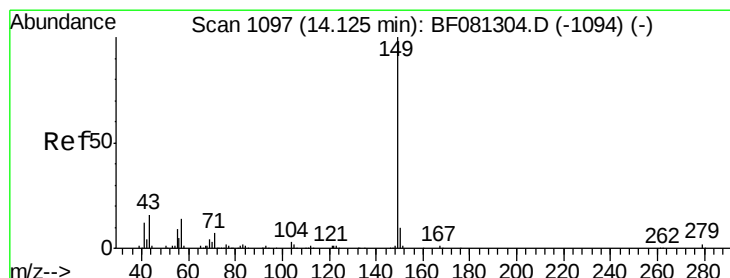
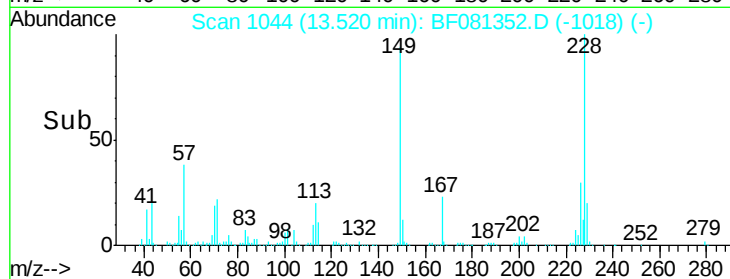
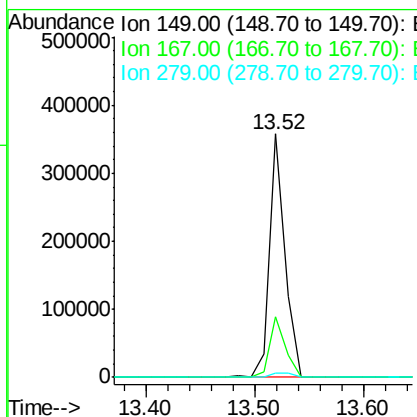
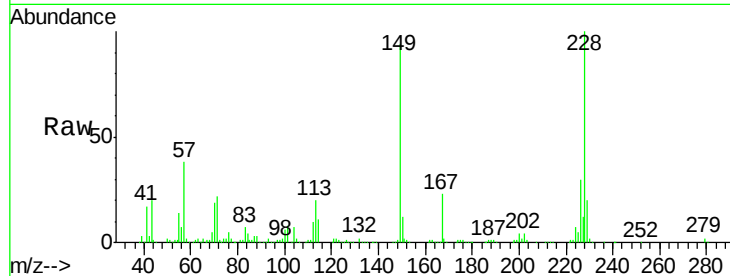
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.80 ng
 RT: 13.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-J1-J2-J3-J4MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	24.9	24.2	36.2
279	1.8	3.8	5.6#

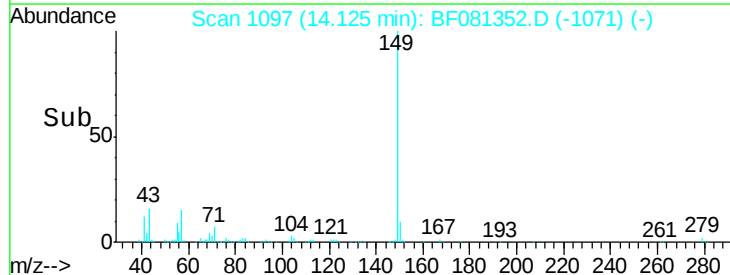
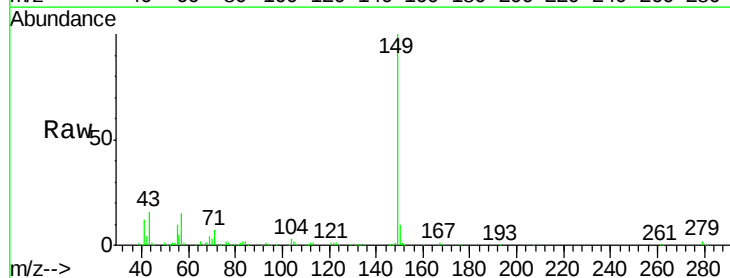
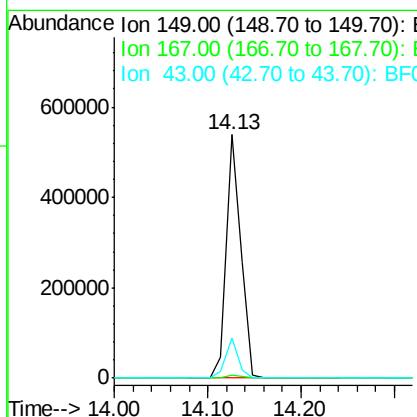
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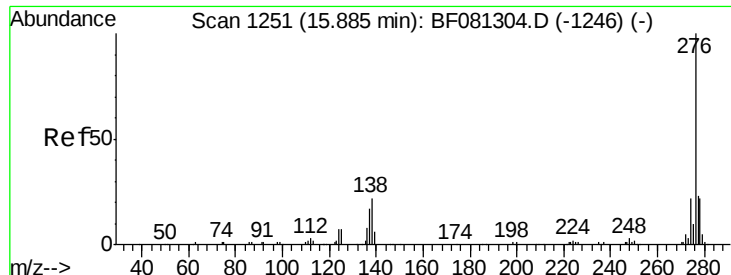
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#84
 Di-n-octyl phthalate
 Concen: 47.87 ng
 RT: 14.13 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

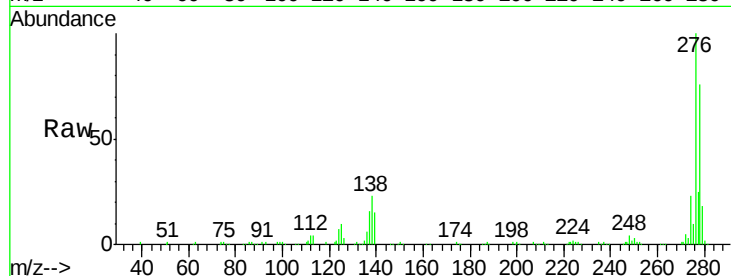
Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.5	1.0	1.6
43	14.3	10.2	15.2





#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.59 ng
 RT: 15.90 min Scan# 1252
 Delta R.T. 0.01 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

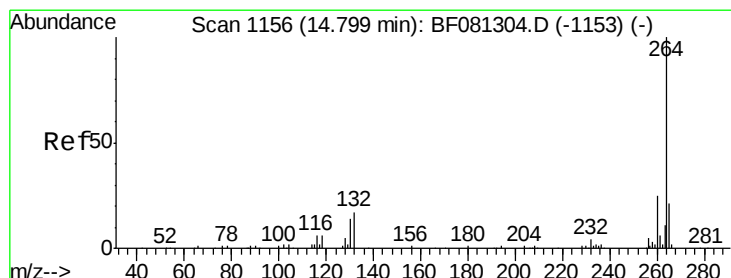
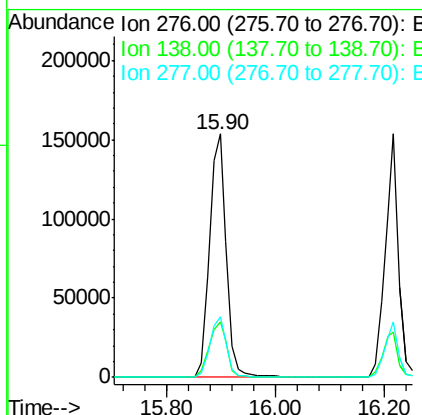
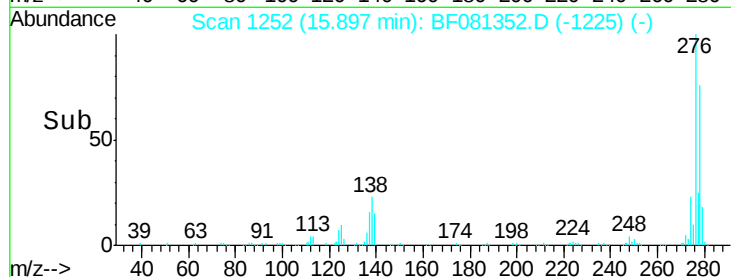
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-J1-J2-J3-J4MSD



Tgt Ion	Ratio	Resp	Lower	Upper
276	100	333357		
138	23.8	25.7	38.5#	
277	24.6	15.6	23.4#	

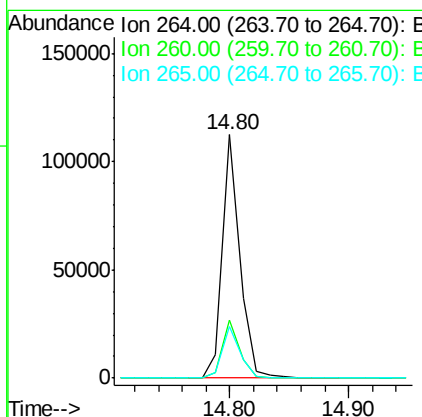
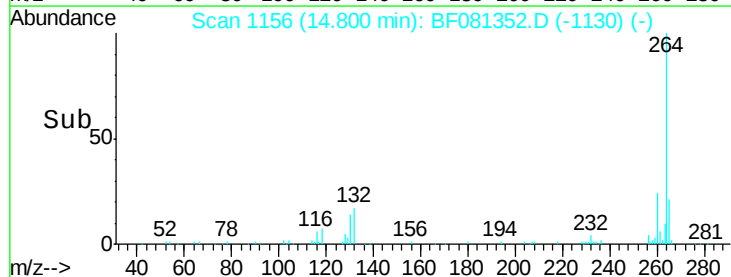
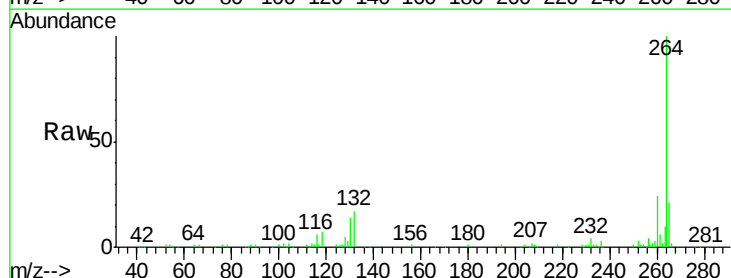
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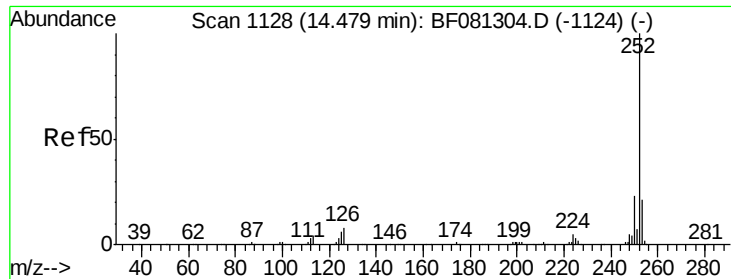
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.80 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	113808		
260	23.9	16.7	25.1	
265	21.2	17.2	25.8	





#87

Benzo(b)fluoranthene

Concen: 57.55 ng m

RT: 14.48 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF081352.D

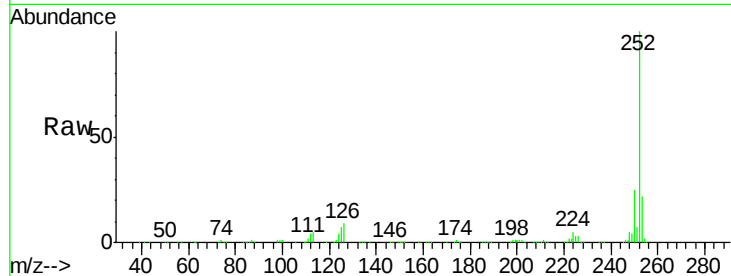
Acq: 2 Sep 2015 17:04

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MSD



Tgt Ion: 252 Resp: 467638

Ion Ratio Lower Upper

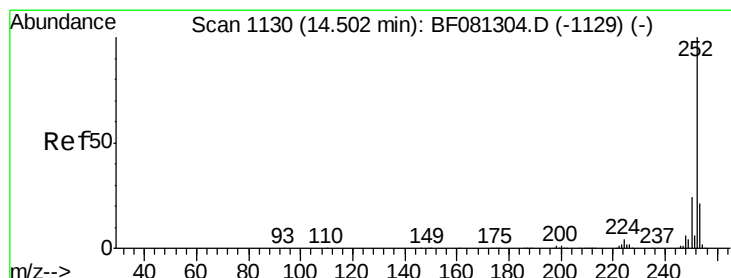
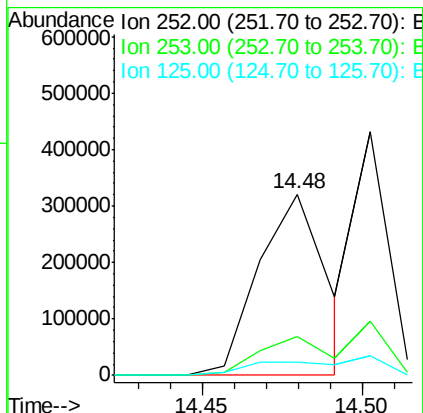
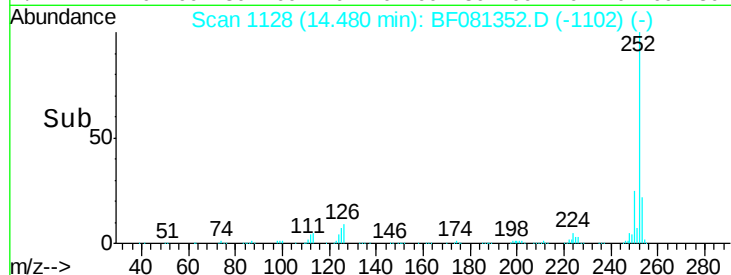
252 100

253 21.8 17.5 26.3

125 7.0 17.1 25.7#

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#88

Benzo(k)fluoranthene

Concen: 47.63 ng m

RT: 14.50 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

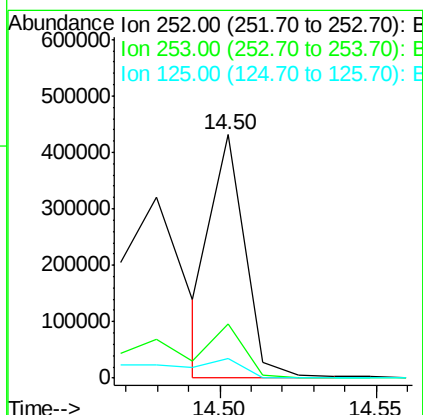
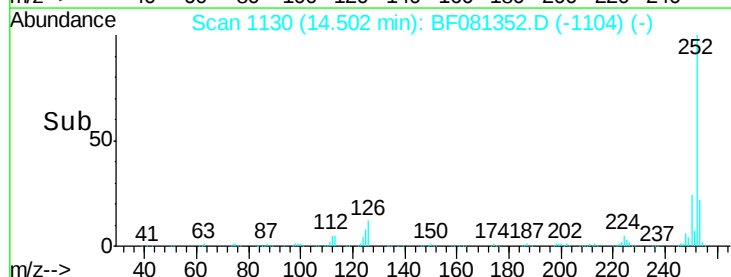
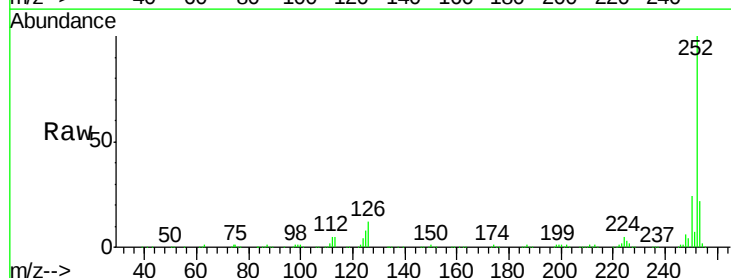
Tgt Ion: 252 Resp: 321131

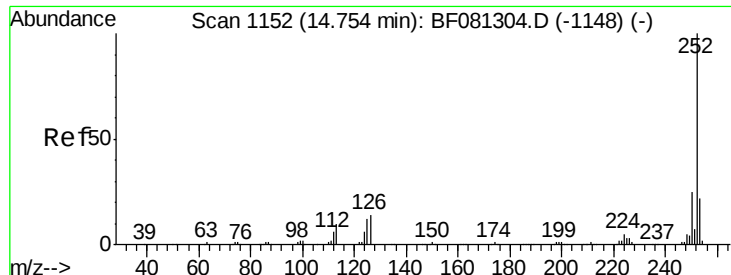
Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.4

125 8.1 16.0 24.0#





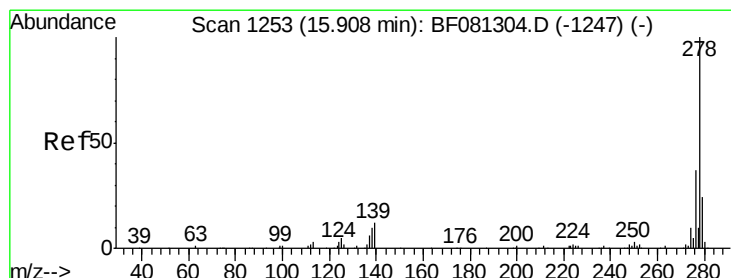
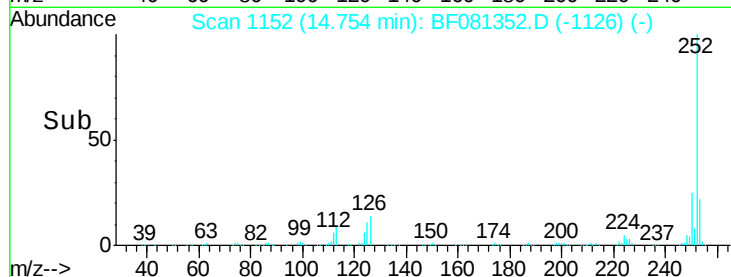
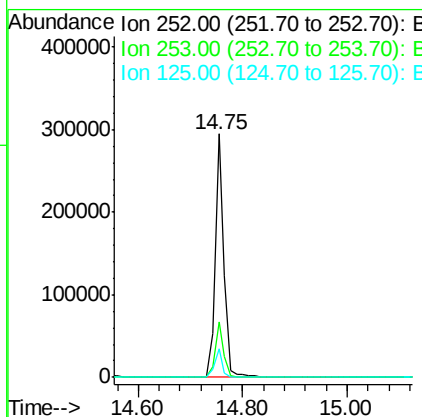
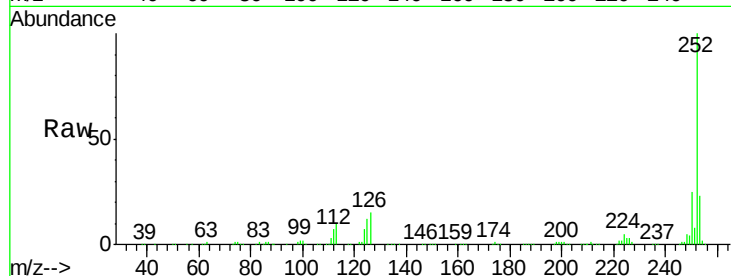
#89
Benzo(a)pyrene
Concen: 49.61 ng
RT: 14.75 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF081352.D
Acq: 2 Sep 2015 17:04

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-J1-J2-J3-J4MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	11.8	18.0	27.0

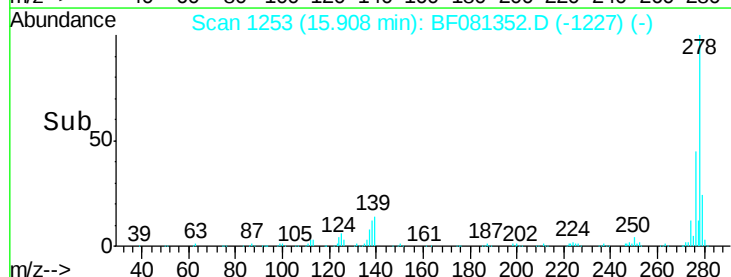
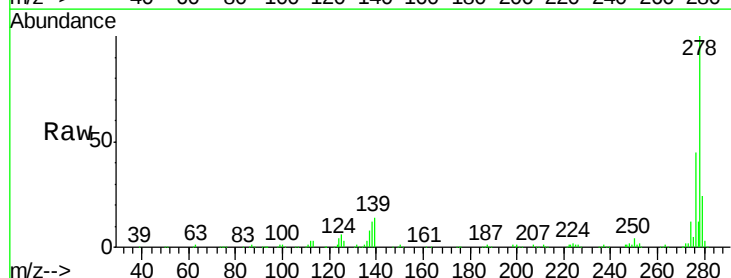
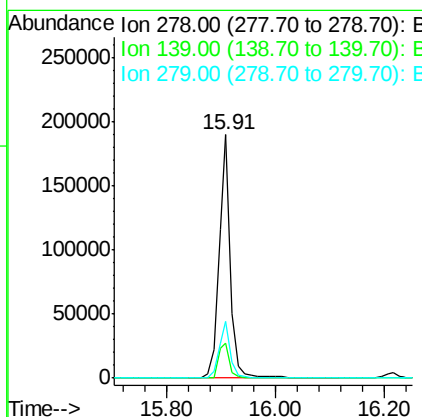
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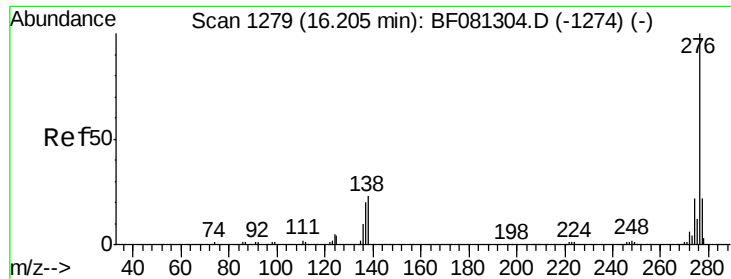
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#90
Dibenzo(a,h)anthracene
Concen: 52.45 ng
RT: 15.91 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BF081352.D
Acq: 2 Sep 2015 17:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.4	26.3	39.5
279	23.6	18.2	27.4





#91
 Benzo(g,h,i)perylene
 Concen: 53.58 ng
 RT: 16.22 min Scan# 1280
 Delta R.T. 0.00 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-J1-J2-J3-J4MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	17.8	26.6
138	18.7	34.6	51.8

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