

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021216\
 Data File : BF085046.D
 Acq On : 12 Feb 2016 7:26
 Operator : SJ/IZ
 Sample : H1361-03MSD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Manual Integrations
 APPROVED

Sohil
 2/12/2016 12:31:50 PM

Quant Time: Feb 12 08:22:55 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 13:28:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	144049	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	592854	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	275062	20.00	ng	-0.02
63) Phenanthrene-d10	11.13	188	519345	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	310323	20.00	ng	-0.01
86) Perylene-d12	15.11	264	293555	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1136500	122.89	ng	0.01
7) Phenol-d6	6.27	99	1417185	123.61	ng	-0.01
23) Nitrobenzene-d5	7.19	82	999551	94.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	430569	150.07	ng	-0.01
44) 2-Fluorobiphenyl	8.98	172	1696724	120.88	ng	-0.01
78) Terphenyl-d14	12.72	244	1638838	119.67	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.23	88	155119	38.29	ng	# 68
3) Pyridine	2.83	79	305394	28.93	ng	# 78
4) n-Nitrosodimethylamine	2.78	42	233597	42.79	ng	87
6) Aniline	6.27	93	184210	13.13	ng	# 44
8) 2-Chlorophenol	6.40	128	476449	45.51	ng	93
9) Benzaldehyde	6.16	77	97170	14.35	ng	92
10) Phenol	6.28	94	465015	36.21	ng	97
11) bis(2-Chloroethyl)ether	6.36	93	464936	46.42	ng	94
12) 1,3-Dichlorobenzene	6.55	146	459765	41.57	ng	# 95
13) 1,4-Dichlorobenzene	6.63	146	479668	43.38	ng	95
14) 1,2-Dichlorobenzene	6.78	146	402630	39.10	ng	94
15) Benzyl Alcohol	6.78	79	395299	49.93	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	685162	40.67	ng	78
17) 2-Methylphenol	6.89	107	363476	43.90	ng	# 91
18) Hexachloroethane	7.12	117	178262	41.87	ng	96
19) n-Nitroso-di-n-propylamine	7.04	70	331841	46.17	ng	# 72
20) 3+4-Methylphenols	7.05	107	478409	46.56	ng	87
22) Acetophenone	7.04	105	687028	43.97	ng	# 94
24) Nitrobenzene	7.21	77	482934	42.85	ng	# 84
25) Isophorone	7.45	82	924663	45.18	ng	97
26) 2-Nitrophenol	7.52	139	236568	42.56	ng	# 84
27) 2,4-Dimethylphenol	7.58	122	430804	44.56	ng	95
28) bis(2-Chloroethoxy)methane	7.67	93	601721	49.56	ng	99
29) 2,4-Dichlorophenol	7.77	162	399680	48.32	ng	100
30) 1,2,4-Trichlorobenzene	7.84	180	388178	41.55	ng	97
31) Naphthalene	7.92	128	1296329	43.59	ng	100
32) Benzoic acid	7.71	122	160492	25.95	ng	99
33) 4-Chloroaniline	7.98	127	115876	9.42	ng	94
34) Hexachlorobutadiene	8.04	225	233751	43.39	ng	99
35) Caprolactam	8.36	113	102224	40.09	ng	# 50
36) 4-Chloro-3-methylphenol	8.48	107	428439	45.40	ng	94
37) 2-Methylnaphthalene	8.62	142	953540	51.23	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	351688	40.26	ng	98
40) Hexachlorocyclopentadiene	8.76	237	263321	71.42	ng	98

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Quant Time: Feb 12 08:22:55 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	270303	48.03	ng	97
43) 2,4,5-Trichlorophenol	8.95	196	255829	44.74	ng #	84
45) 1,1'-Biphenyl	9.08	154	1072458	43.65	ng	95
46) 2-Chloronaphthalene	9.10	162	761338	42.08	ng	97
47) 2-Nitroaniline	9.21	65	286457	50.00	ng #	70
48) Acenaphthylene	9.51	152	1154917	42.06	ng	98
49) Dimethylphthalate	9.39	163	944034	45.06	ng #	90
50) 2,6-Dinitrotoluene	9.45	165	192709	42.11	ng #	52
51) Acenaphthene	9.68	154	733233	41.05	ng	98
52) 3-Nitroaniline	9.61	138	100687	19.58	ng	96
53) 2,4-Dinitrophenol	9.74	184	71937	37.39	ng #	85
54) Dibenzofuran	9.85	168	1069662	49.00	ng	91
55) 4-Nitrophenol	9.80	139	223796	59.21	ng #	77
56) 2,4-Dinitrotoluene	9.86	165	268920	46.07	ng #	73
57) Fluorene	10.19	166	775927	42.56	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.99	232	210208	48.29	ng	88
59) Diethylphthalate	10.09	149	923045	45.12	ng	99
60) 4-Chlorophenyl-phenylether	10.19	204	382569	50.90	ng	96
61) 4-Nitroaniline	10.24	138	224631	44.82	ng #	81
62) Azobenzene	10.35	77	1008060	51.25	ng	92
64) 4,6-Dinitro-2-methylphenol	10.26	198	84260	26.29	ng #	60
65) n-Nitrosodiphenylamine	10.32	169	790013	47.91	ng	99
66) 4-Bromophenyl-phenylether	10.68	248	273627	47.70	ng	96
67) Hexachlorobenzene	10.74	284	271029	43.36	ng #	88
68) Atrazine	10.86	200	284320	54.60	ng	95
69) Pentachlorophenol	10.95	266	204360	69.57	ng	99
70) Phenanthrene	11.15	178	1346565	46.75	ng	98
71) Anthracene	11.20	178	1275472	43.94	ng	99
72) Carbazole	11.37	167	1186703	46.89	ng #	97
73) Di-n-butylphthalate	11.70	149	1319558	40.95	ng #	96
74) Fluoranthene	12.33	202	1149037	39.41	ng	99
76) Benzidine	12.47	184	87934	12.38	ng	97
77) Pyrene	12.56	202	1196759	50.37	ng	98
79) Butylbenzylphthalate	13.20	149	562113	52.15	ng #	81
80) Benzo(a)anthracene	13.75	228	935450	48.57	ng	99
81) 3,3'-Dichlorobenzidine	13.71	252	105332	15.45	ng #	98
82) Chrysene	13.78	228	828263m	44.35	ng	
83) Bis(2-ethylhexyl)phthalate	13.76	149	730867	54.49	ng #	97
84) Di-n-octyl phthalate	14.37	149	1088559	49.19	ng #	90
85) Indeno(1,2,3-cd)pyrene	16.37	276	881277	59.95	ng	98
87) Benzo(b)fluoranthene	14.75	252	1033776m	52.41	ng	
88) Benzo(k)fluoranthene	14.78	252	587821m	36.04	ng	
89) Benzo(a)pyrene	15.06	252	775296	46.13	ng	98
90) Dibenzo(a,h)anthracene	16.38	278	739185	52.25	ng #	96
91) Benzo(g,h,i)perylene	16.74	276	747747	52.47	ng #	94

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

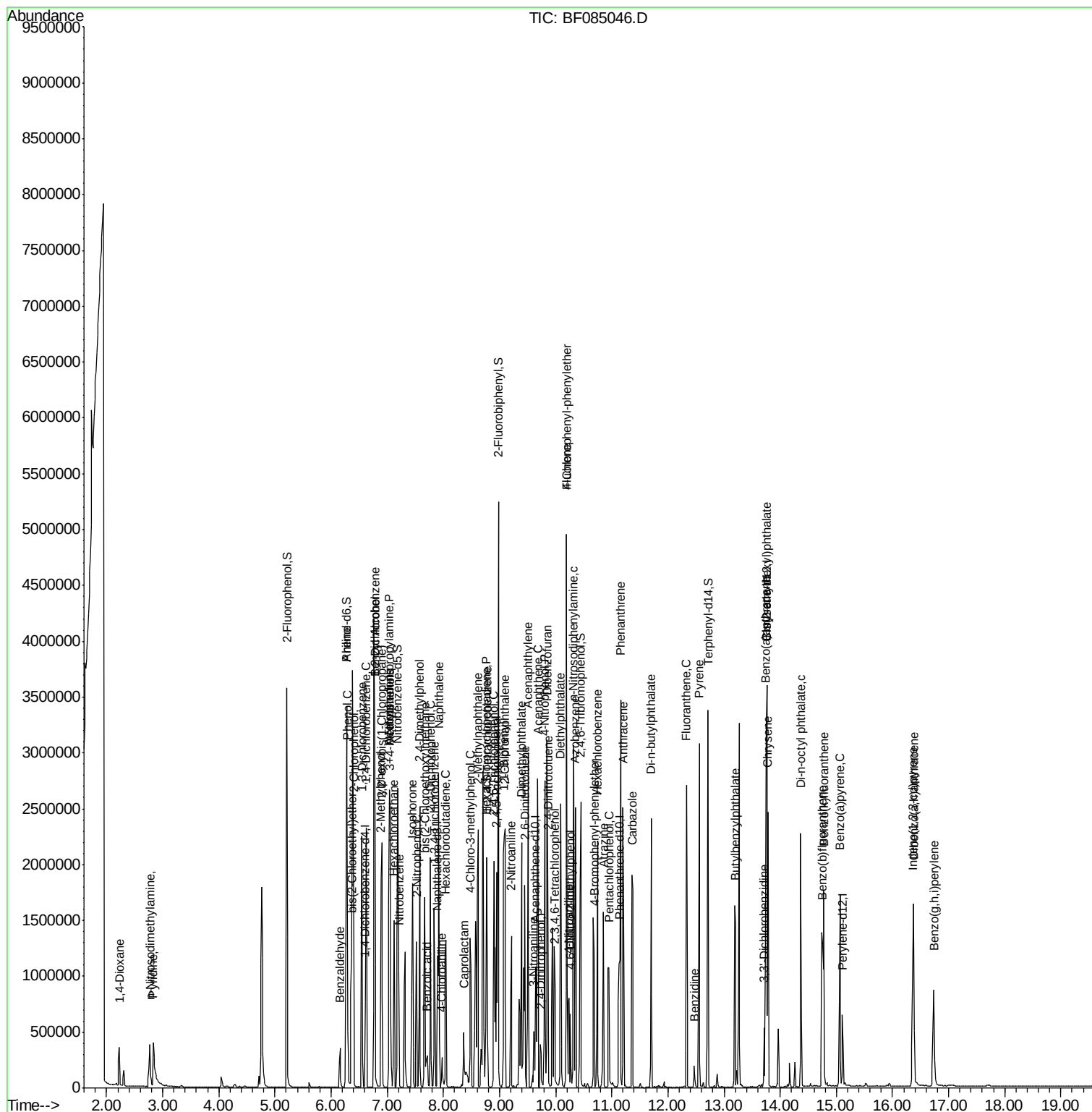
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ALS Vial  : 36    Sample Multiplier: 1
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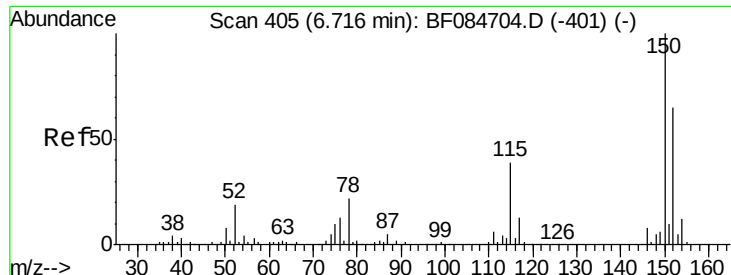
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Manual Integrations APPROVED

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.02 min

Lab File: BF085046.D

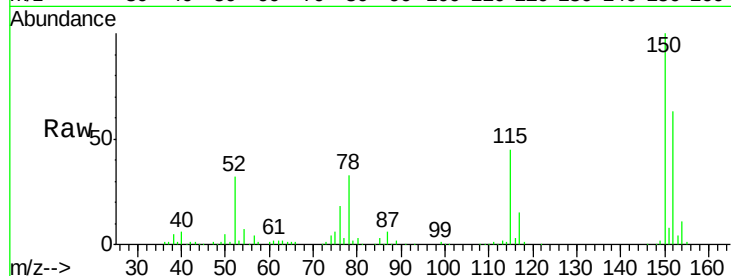
Acq: 12 Feb 2016 7:26

Instrument :

BNA_F

ClientSampleId :

WC-1MSD



Tgt Ion: 152 Resp: 144049

Ion Ratio Lower Upper

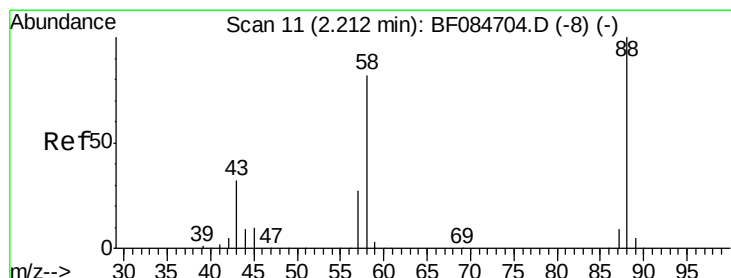
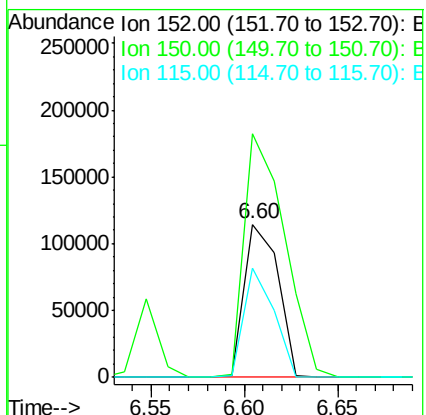
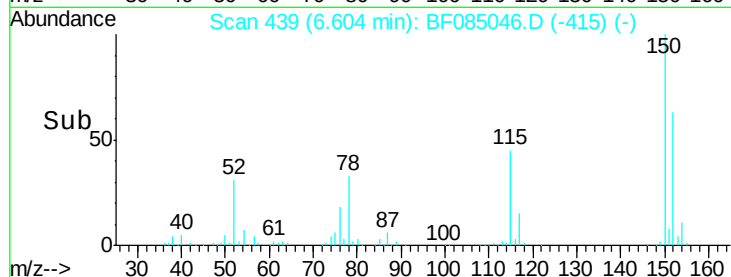
152 100

150 159.4 123.0 184.4

115 71.6 51.4 77.2

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#2

1,4-Dioxane

Concen: 38.29 ng

RT: 2.23 min Scan# 56

Delta R.T. 0.15 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

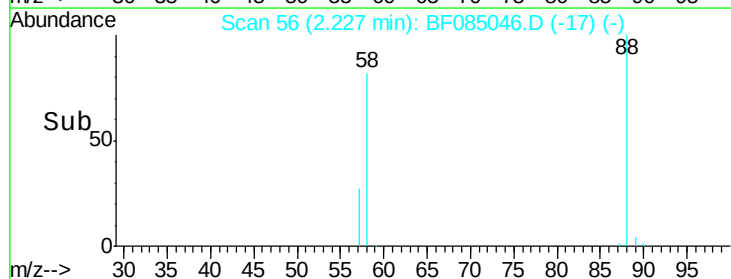
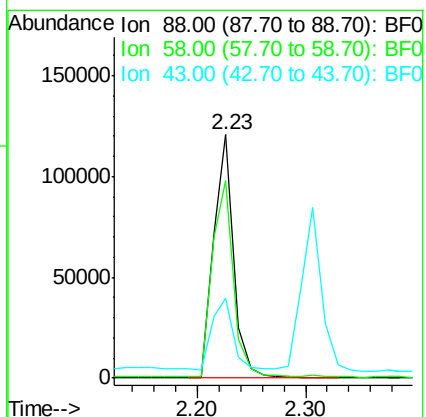
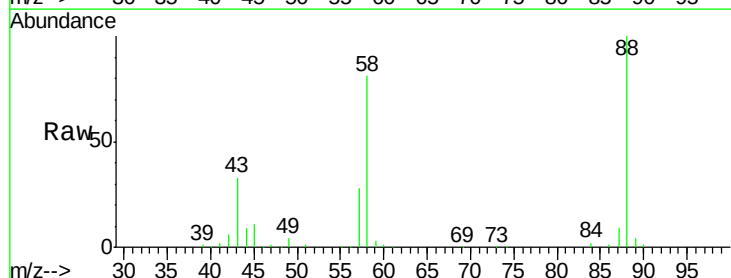
Tgt Ion: 88 Resp: 155119

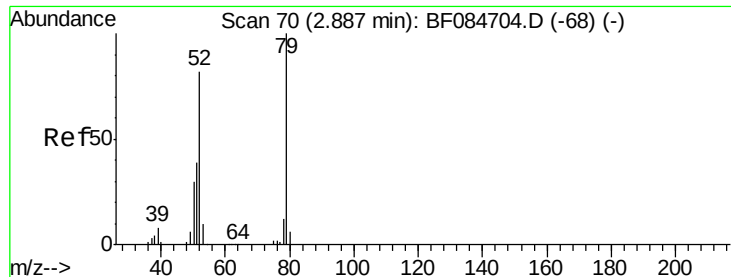
Ion Ratio Lower Upper

88 100

58 84.1 51.2 76.8#

43 0.0 19.5 29.3#





#3

Pyridine

Concen: 28.93 ng

RT: 2.83 min Scan# 109

Delta R.T. 0.11 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Instrument :

BNA_F

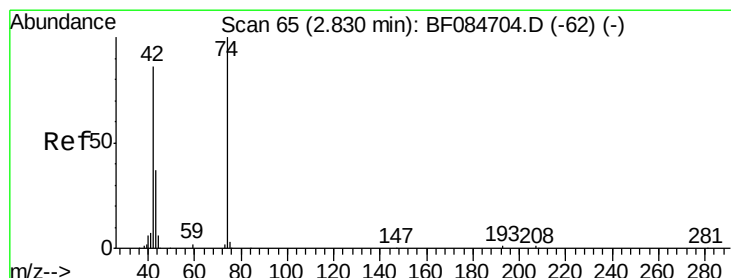
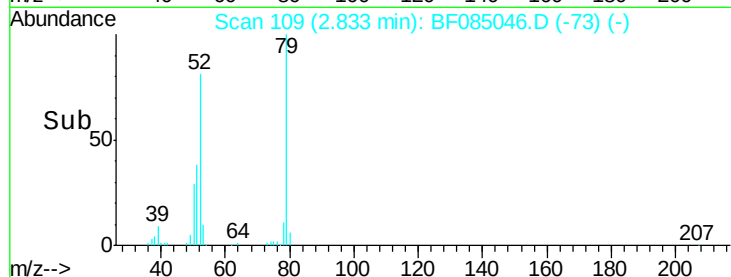
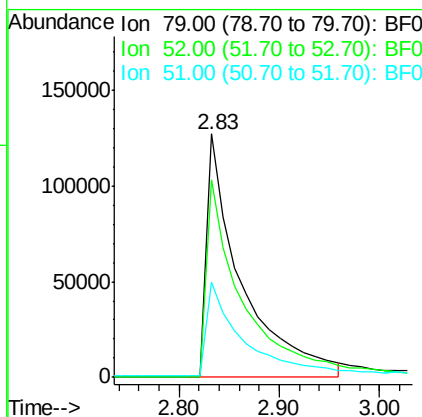
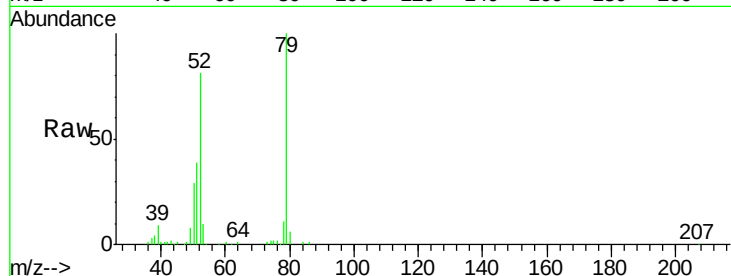
ClientSampleId :

WC-1MSD

Tgt Ion:	79	Resp:	305394
Ion Ratio		Lower	Upper
79	100		
52	81.1	49.0	73.4#
51	39.0	25.2	37.8#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 42.79 ng

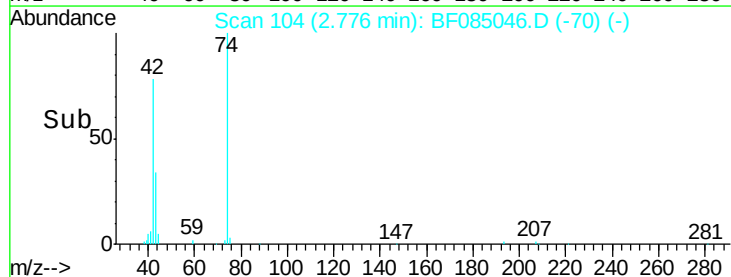
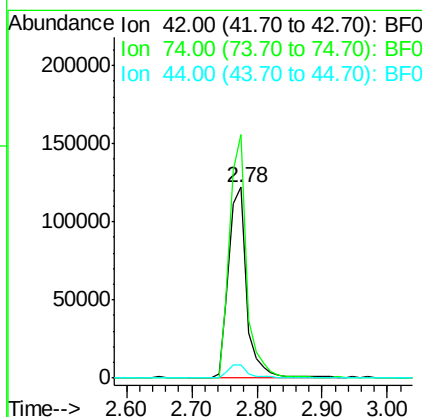
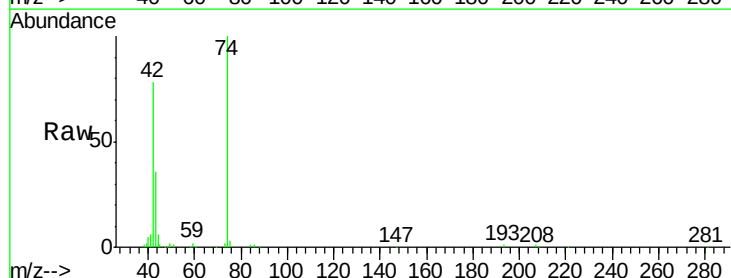
RT: 2.78 min Scan# 104

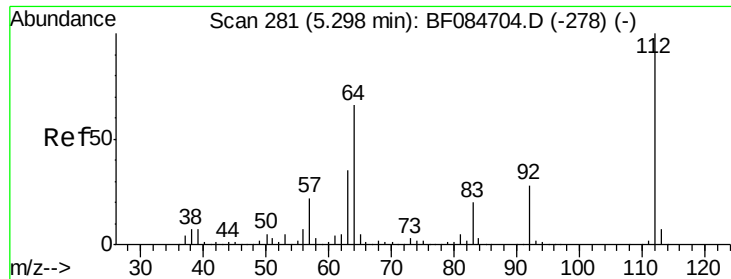
Delta R.T. 0.09 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Tgt Ion:	42	Resp:	233597
Ion Ratio		Lower	Upper
42	100		
74	127.5	115.7	173.5
44	7.2	5.1	7.7





#5

2-Fluorophenol

Concen: 122.89 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion: 112 Resp: 1136500

Ion Ratio Lower Upper

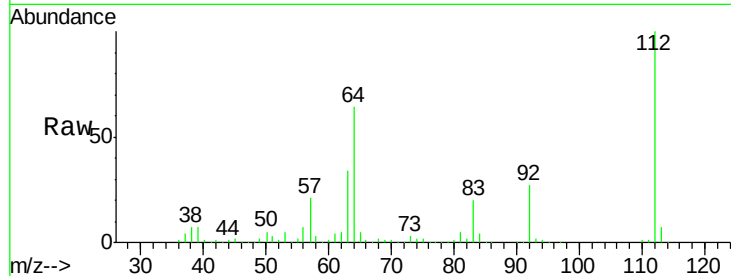
112 100

64 64.1 36.6 55.0#

63 33.8 19.4 29.0#

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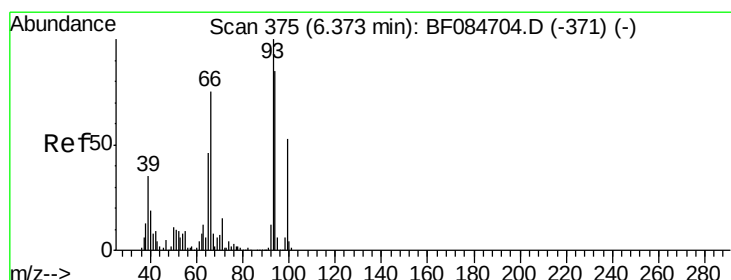
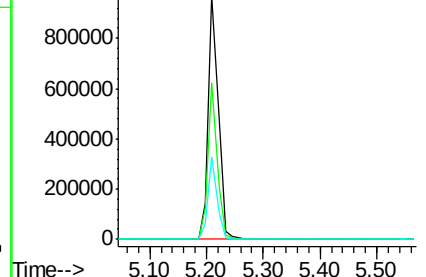
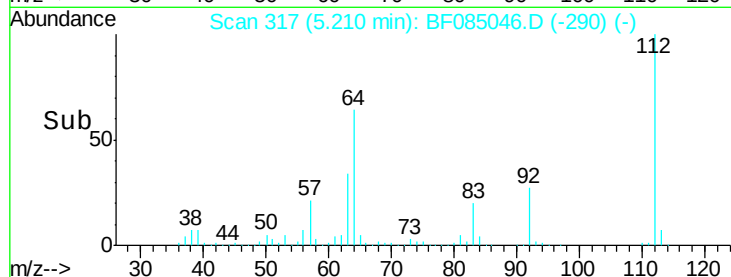
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 13.13 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.02 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

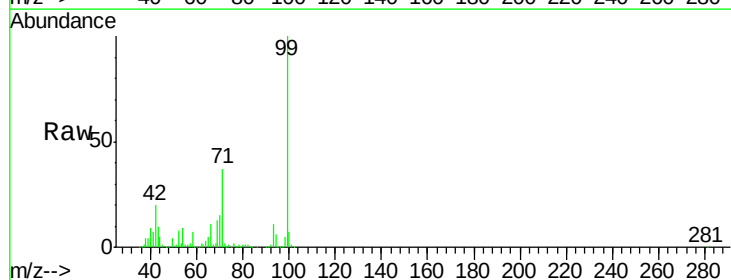
Tgt Ion: 93 Resp: 184210

Ion Ratio Lower Upper

93 100

66 108.4 44.9 67.3#

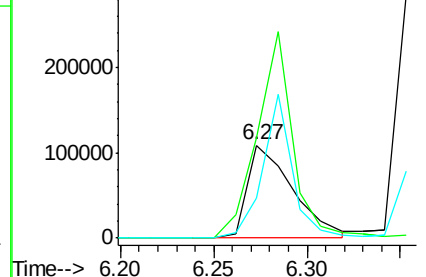
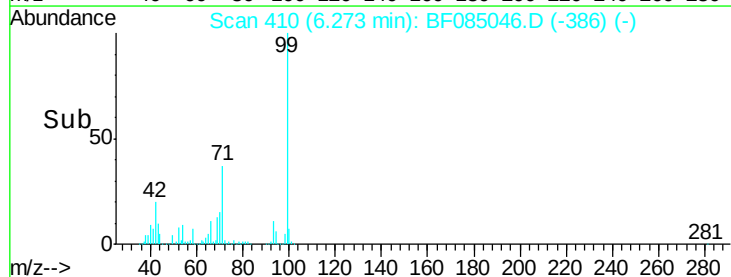
65 43.1 23.7 35.5#

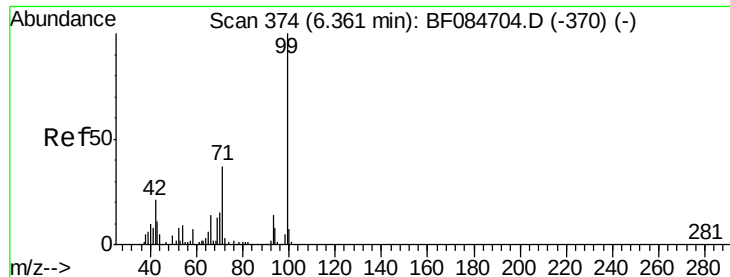


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 123.61 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion: 99 Resp: 1417185

Ion Ratio Lower Upper

99 100

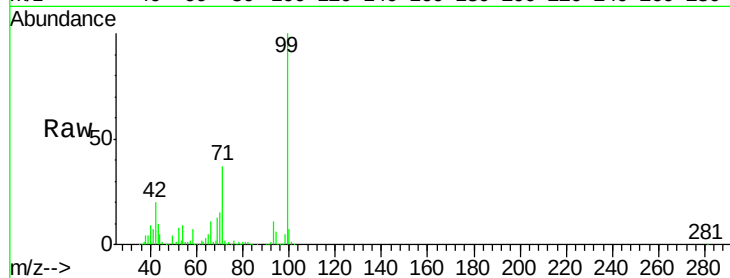
42 20.1 12.8 19.2#

71 37.2 30.9 46.3

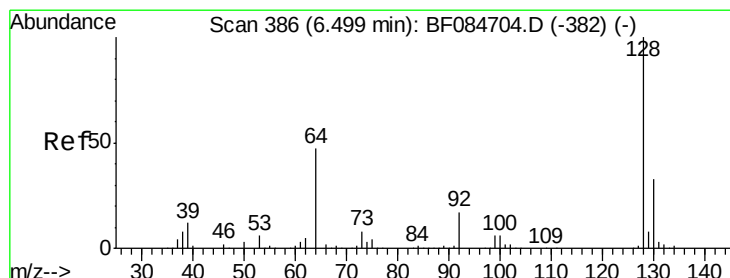
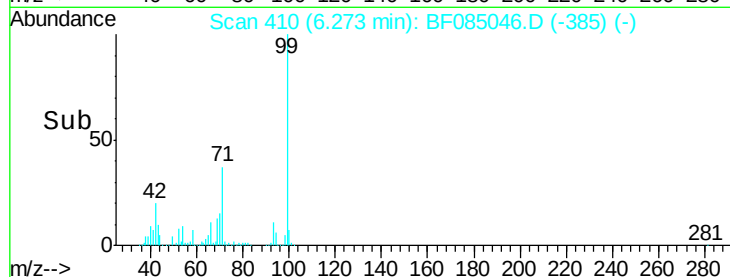
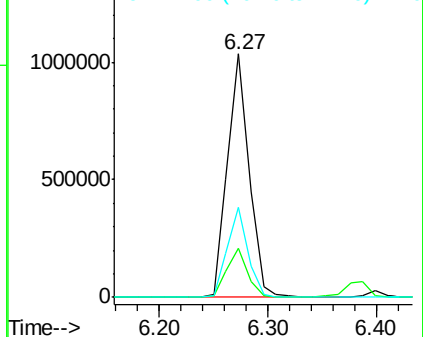
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 45.51 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

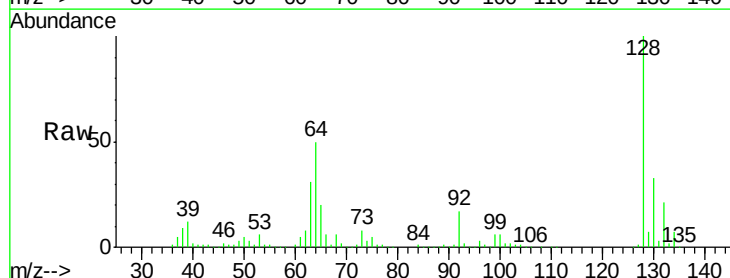
Tgt Ion: 128 Resp: 476449

Ion Ratio Lower Upper

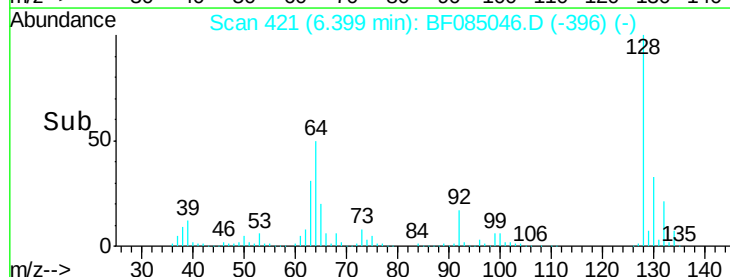
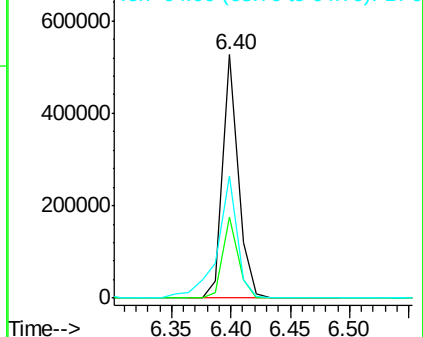
128 100

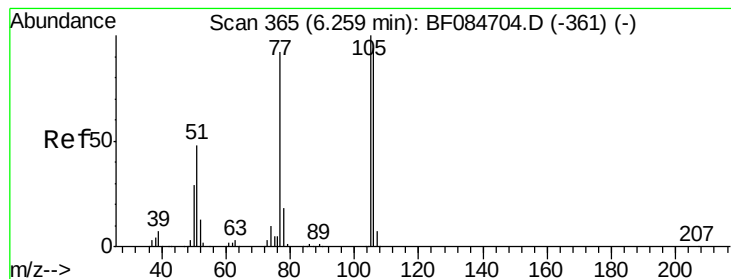
130 33.1 11.6 51.6

64 50.2 23.8 63.8



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: 14.35 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Instrument :

BNA_F

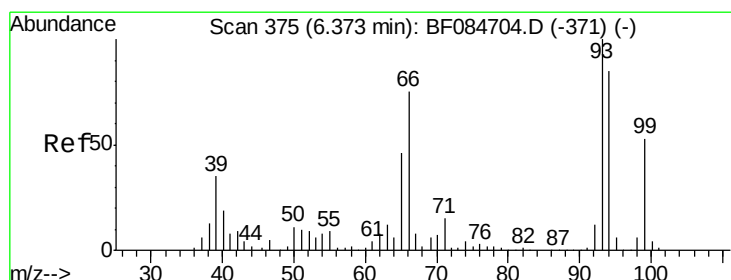
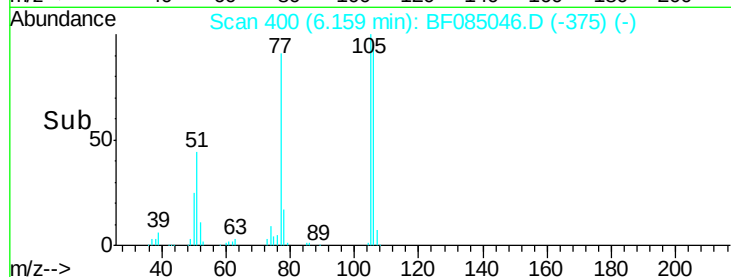
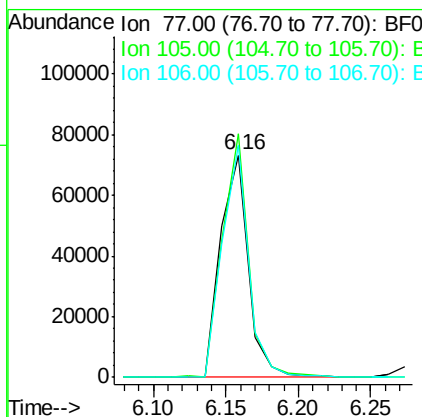
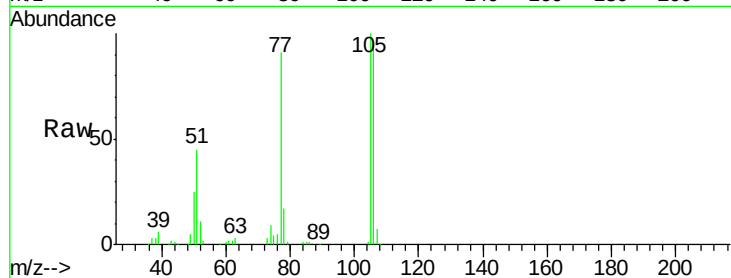
ClientSampleId :

WC-1MSD

Tgt Ion	Ratio	Lower	Upper
77	100		
105	109.5	83.0	123.0
106	104.3	74.6	114.6

Manual Integrations
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#10

Phenol

Concen: 36.21 ng

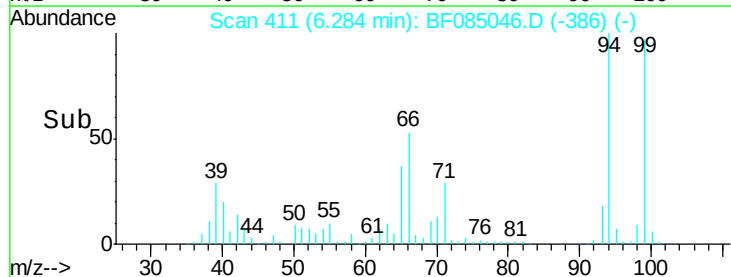
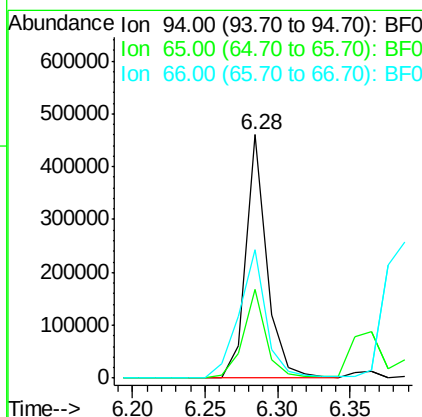
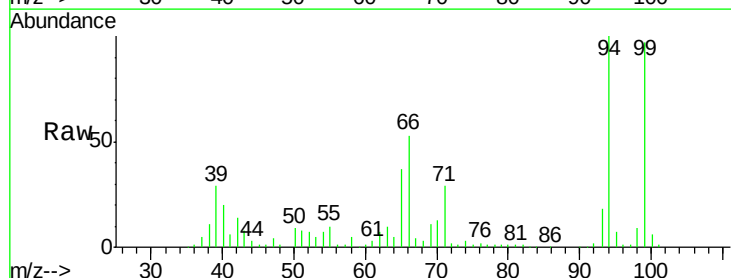
RT: 6.28 min Scan# 411

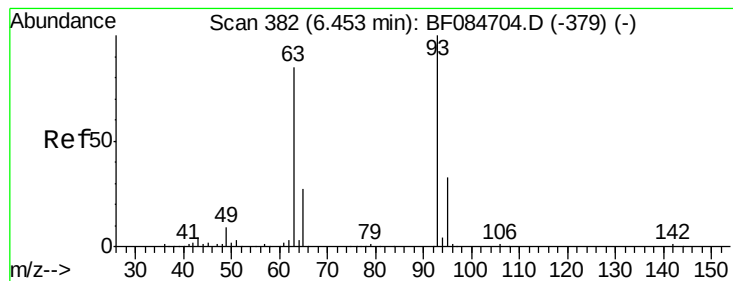
Delta R.T. -0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.6	12.9	52.9
66	52.6	32.7	72.7





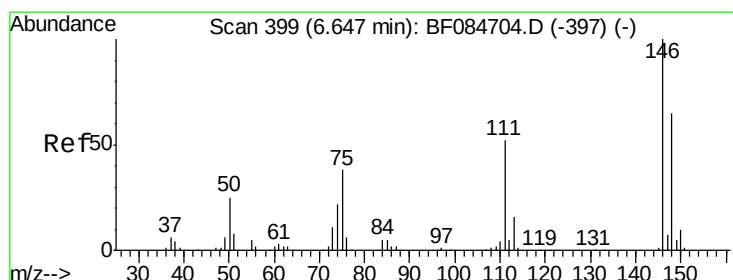
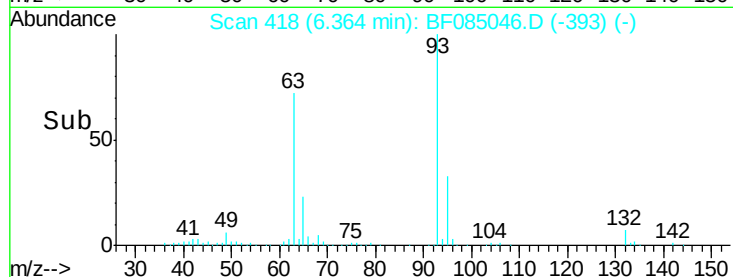
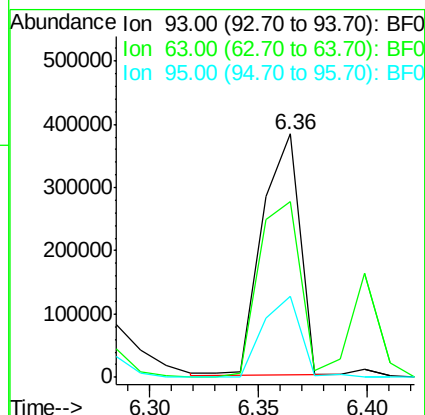
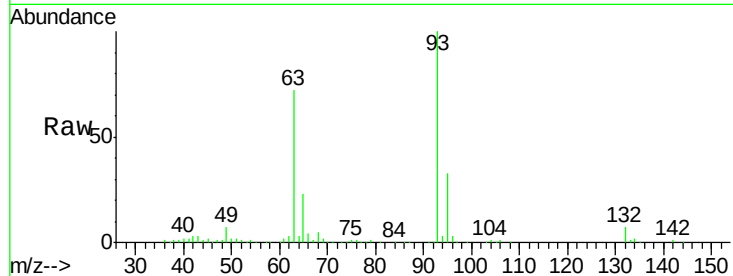
#11
bis(2-Chloroethyl)ether
Concen: 46.42 ng
RT: 6.36 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF085046.D
Acq: 12 Feb 2016 7:26

Instrument :
BNA_F
ClientSampled :
WC-1MSD

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
63	72.2	45.9	85.9
95	33.4	12.3	52.3

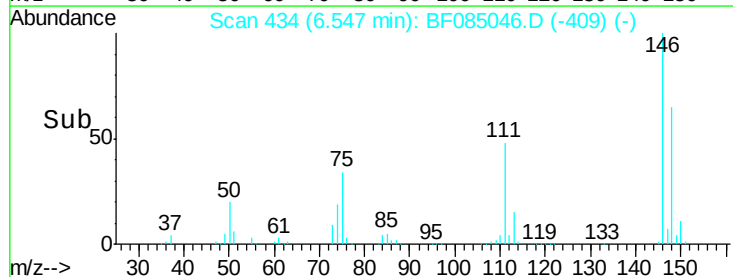
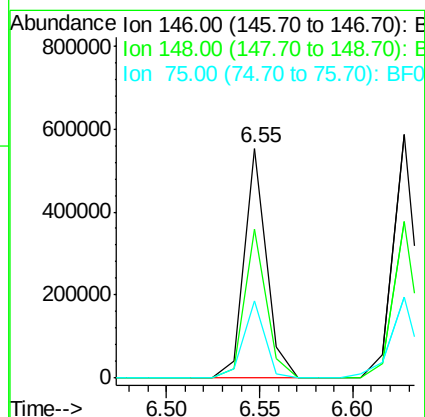
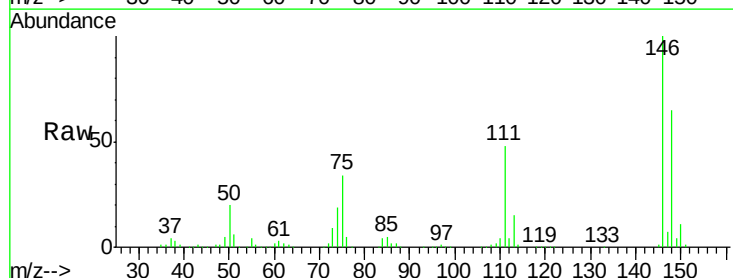
Manual Integrations
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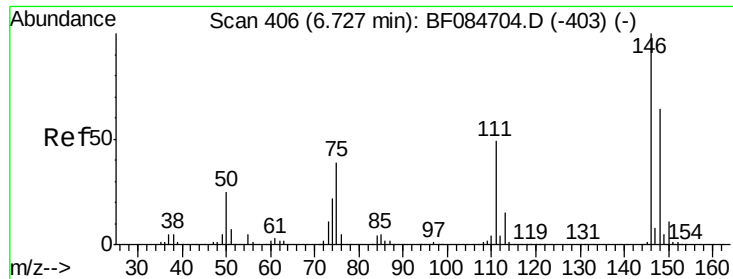
Sohil
2/12/2016 12:31:50 PM



#12
1,3-Dichlorobenzene
Concen: 41.57 ng
RT: 6.55 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF085046.D
Acq: 12 Feb 2016 7:26

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	64.8	51.9	77.9
75	33.6	20.5	30.7#





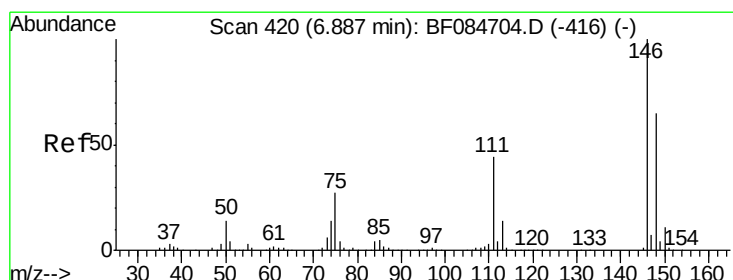
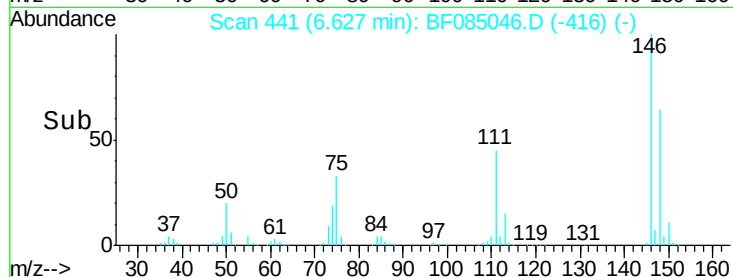
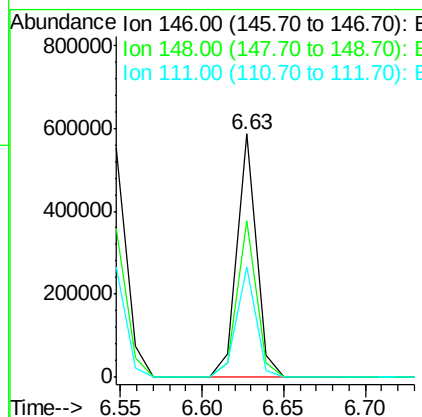
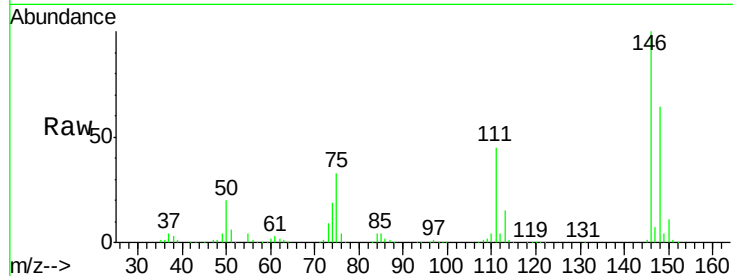
#13
 1,4-Dichlorobenzene
 Concen: 43.38 ng
 RT: 6.63 min Scan# 441
 Delta R.T. -0.01 min
 Lab File: BF085046.D
 Acq: 12 Feb 2016 7:26

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	64.1	51.9	77.9
111	45.3	41.6	62.4

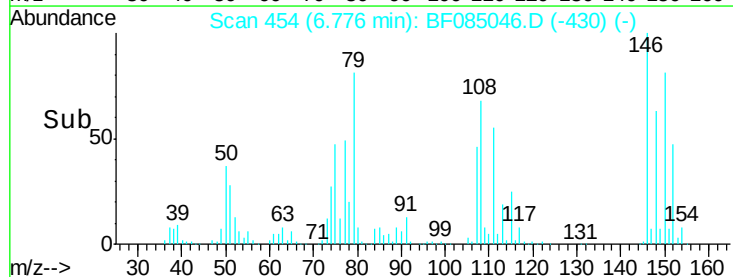
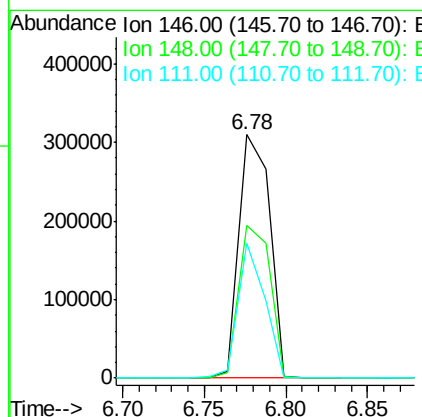
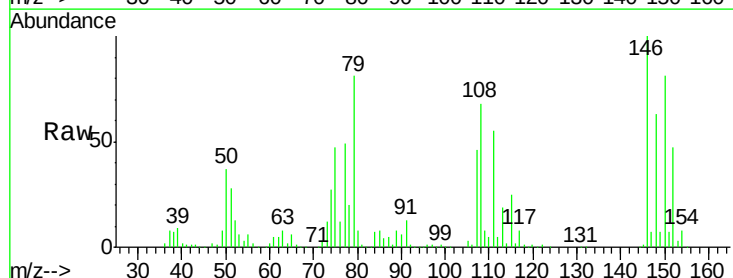
Manual Integrations
 APPROVED

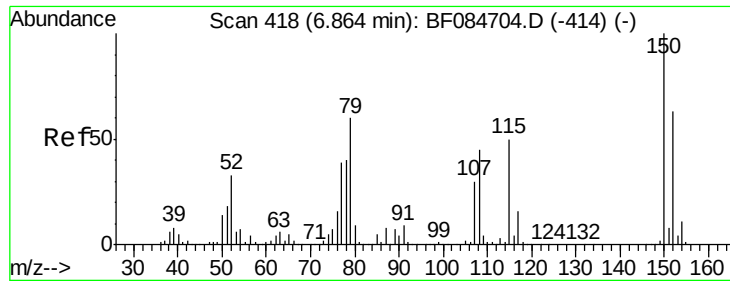
Sohil
 2/12/2016 12:31:50 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.10 ng
 RT: 6.78 min Scan# 454
 Delta R.T. -0.02 min
 Lab File: BF085046.D
 Acq: 12 Feb 2016 7:26

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	62.8	51.6	77.4
111	55.2	38.0	57.0





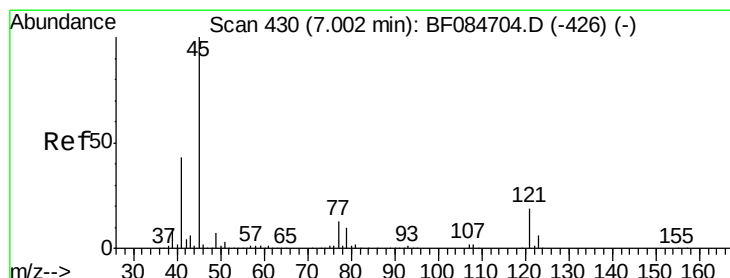
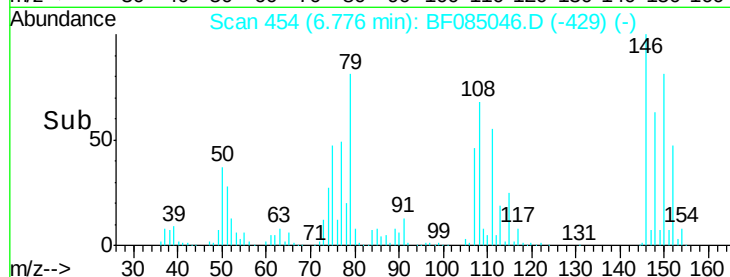
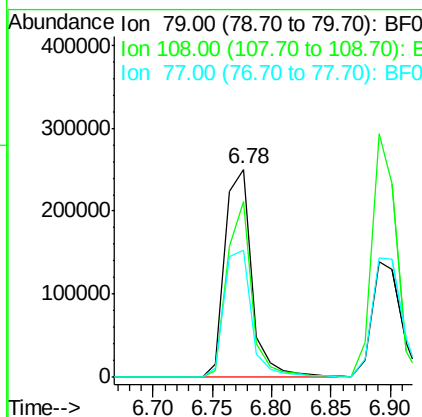
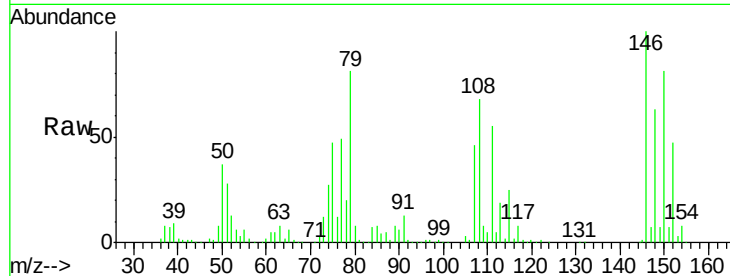
#15
Benzyl Alcohol
Concen: 49.93 ng
RT: 6.78 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF085046.D
Acq: 12 Feb 2016 7:26

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	395299		
108	84.4	69.0	103.4	
77	61.1	50.0	75.0	

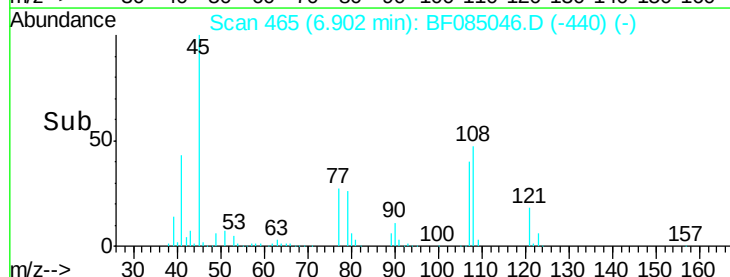
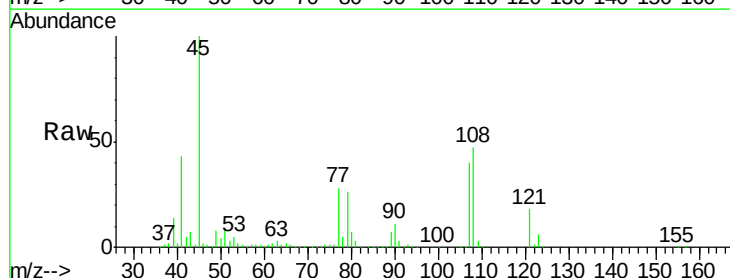
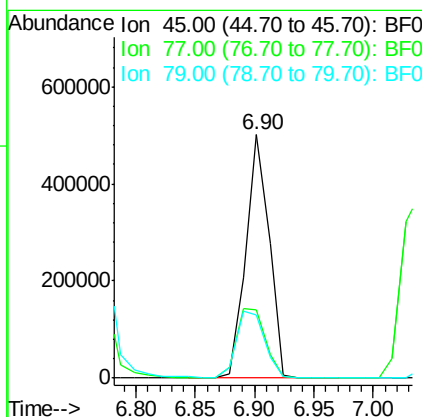
Manual Integrations
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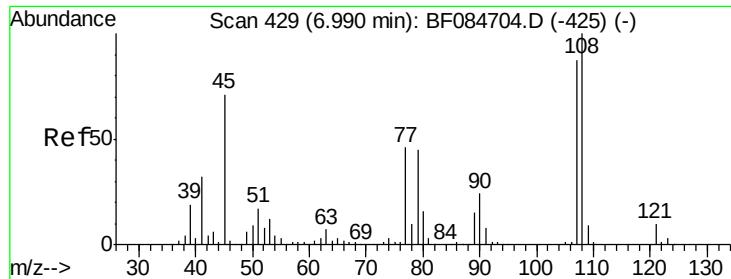
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.67 ng
RT: 6.90 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF085046.D
Acq: 12 Feb 2016 7:26

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	685162		
77	28.3	0.0	39.6	
79	26.1	0.0	35.0	





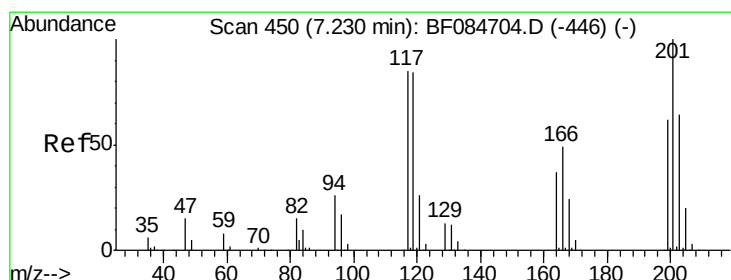
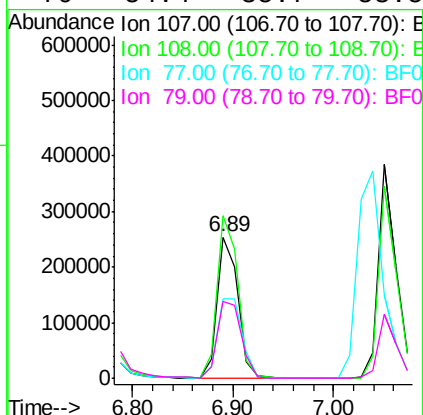
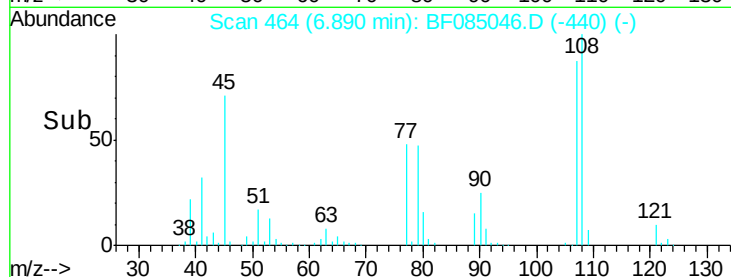
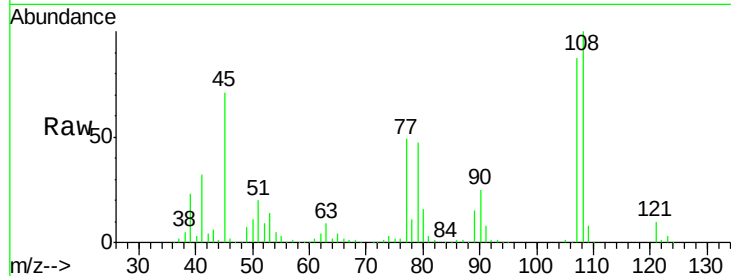
#17
2-Methylphenol
Concen: 43.90 ng
RT: 6.89 min Scan# 464
Delta R.T. -0.02 min
Lab File: BF085046.D
Acq: 12 Feb 2016 7:26

Instrument :
BNA_F
ClientSampled :
WC-1MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	115.1	89.8	134.6
77	56.5	35.7	53.5#
79	54.4	35.7	53.5#

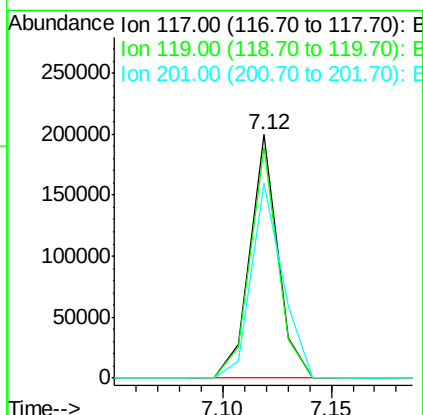
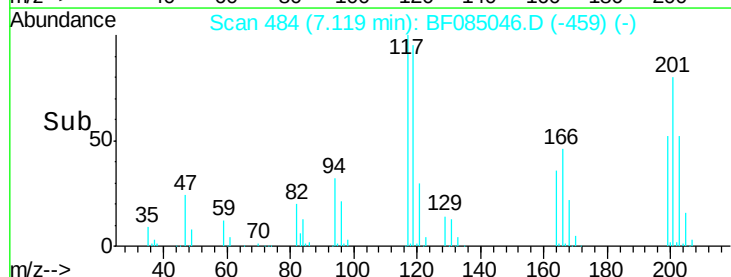
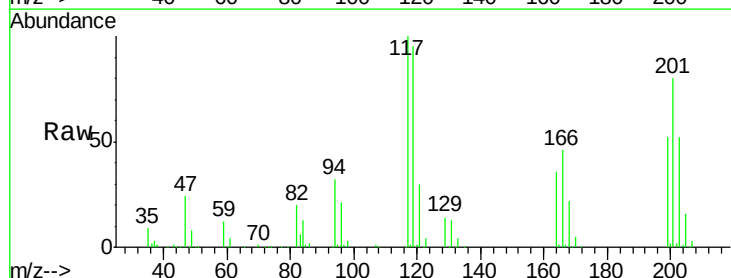
Manual Integrations
APPROVED

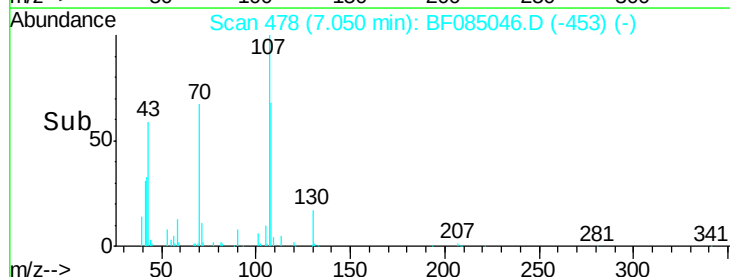
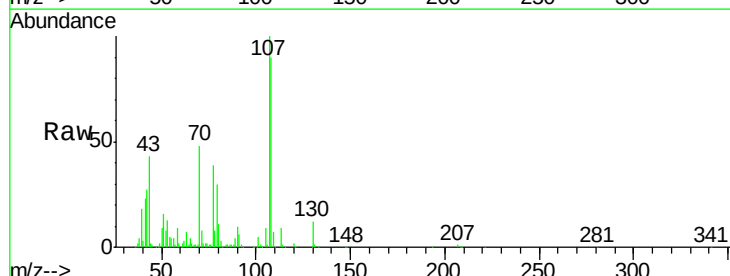
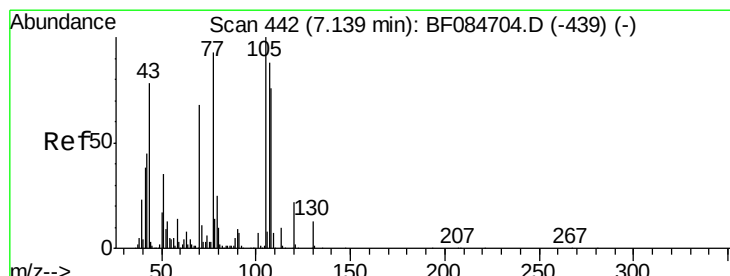
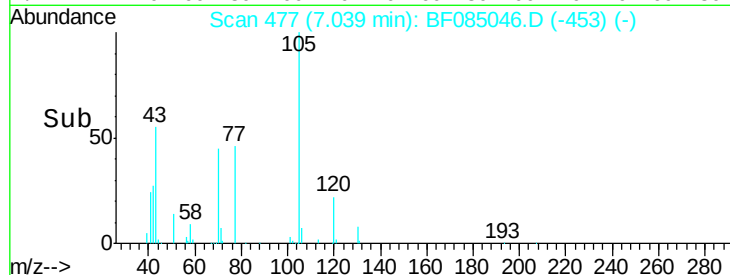
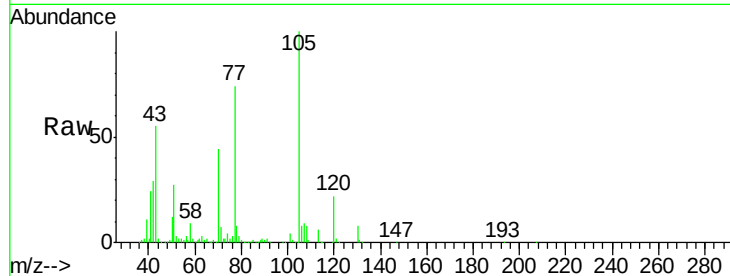
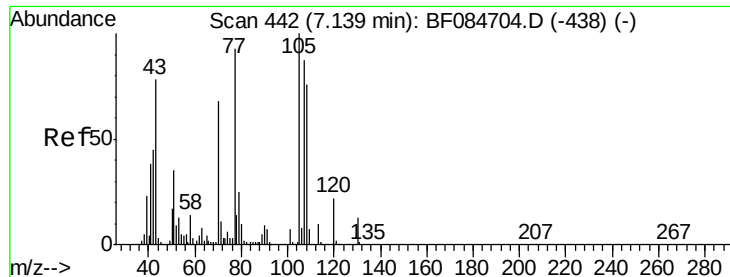
Sohil
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#18
Hexachloroethane
Concen: 41.87 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF085046.D
Acq: 12 Feb 2016 7:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	94.8	77.4	116.0
201	80.1	68.6	103.0





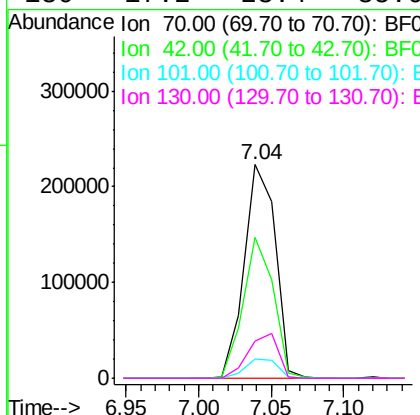
#19
n-Nitroso-di-n-propylamine
Concen: 46.17 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.02 min
Lab File: BF085046.D
Acq: 12 Feb 2016 7:26

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
70	100		
42	65.9	33.3	49.9#
101	8.8	9.3	13.9#
130	17.2	23.4	35.0#

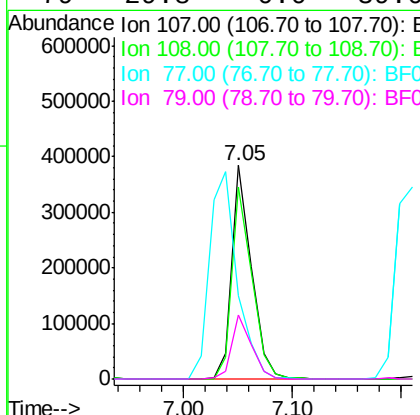
Manual Integrations
APPROVED

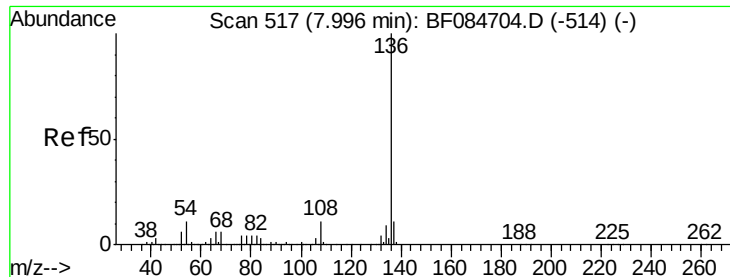
Sohil
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#20
3+4-Methylphenols
Concen: 46.56 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF085046.D
Acq: 12 Feb 2016 7:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	89.9	74.6	114.6
77	39.2	0.7	40.7
79	29.8	0.0	39.0





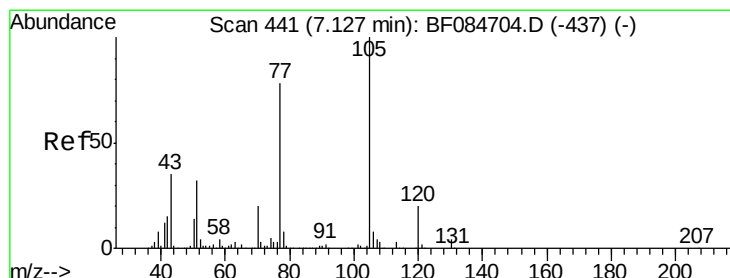
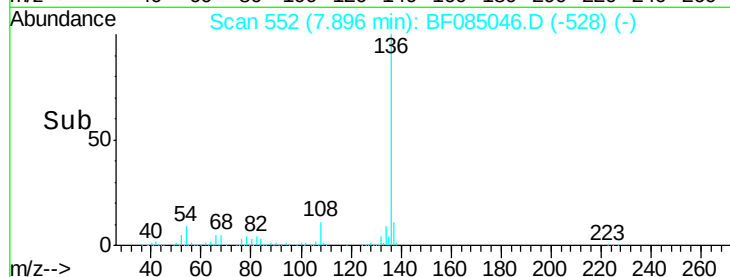
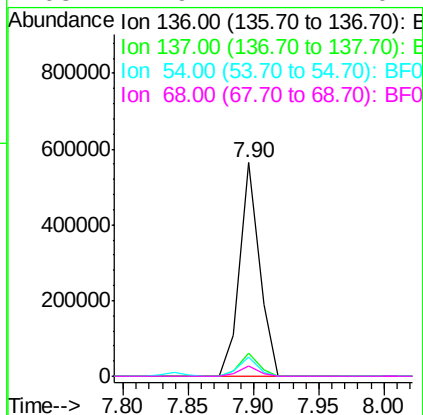
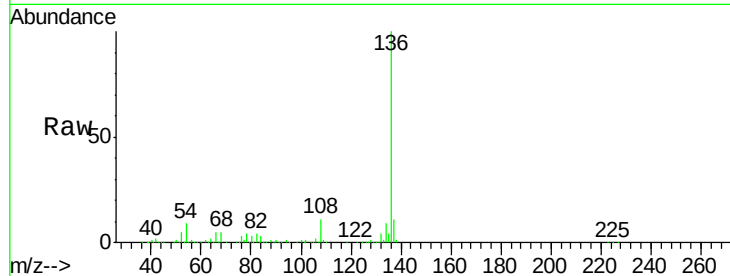
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF085046.D
Acq: 12 Feb 2016 7:26

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	10.8	8.7	13.1
54	9.0	5.8	8.8#
68	4.9	4.2	6.2

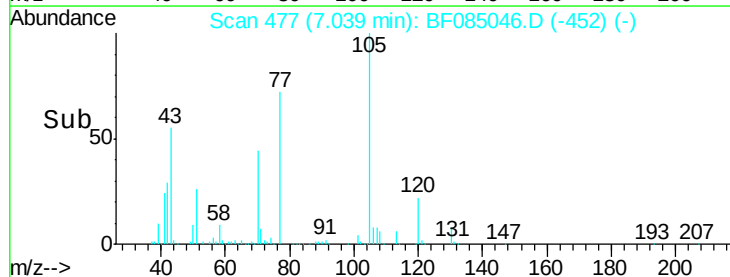
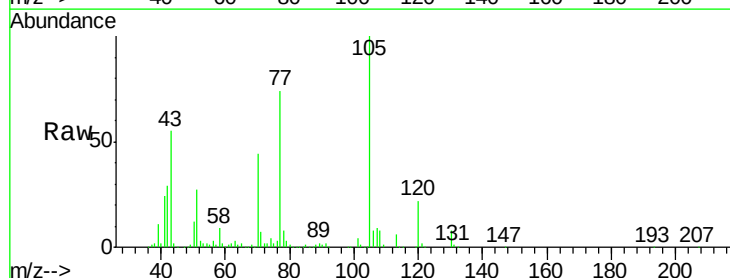
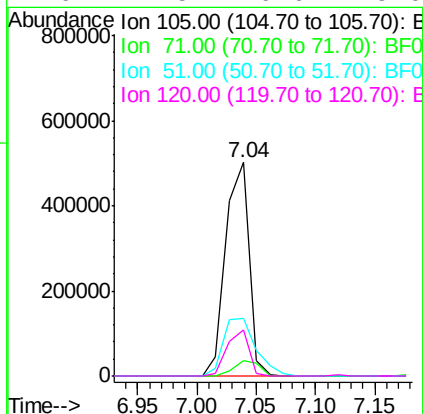
Manual Integrations
APPROVED

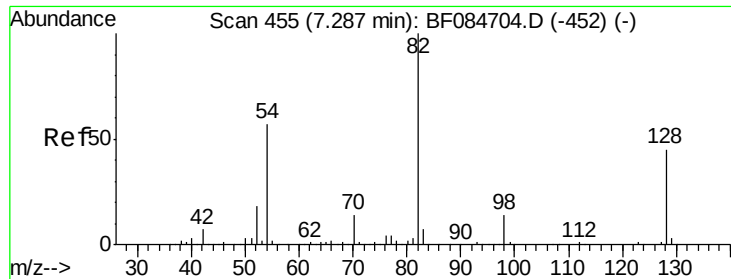
Sohil
2/12/2016 12:31:50 PM



#22
Acetophenone
Concen: 43.97 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.01 min
Lab File: BF085046.D
Acq: 12 Feb 2016 7:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	7.3	3.7	5.5#
51	26.9	25.1	37.7
120	21.5	16.6	25.0





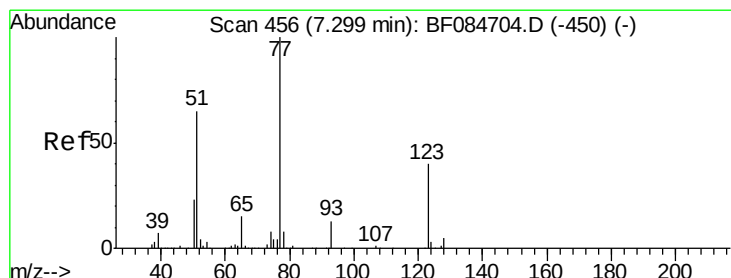
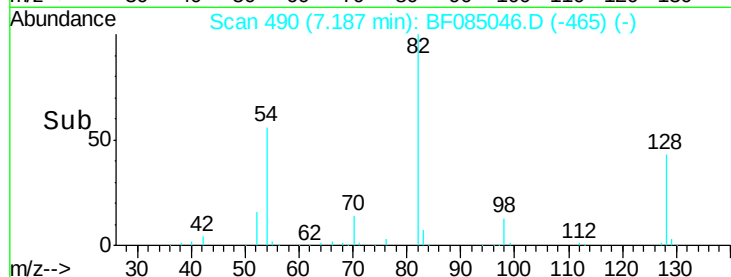
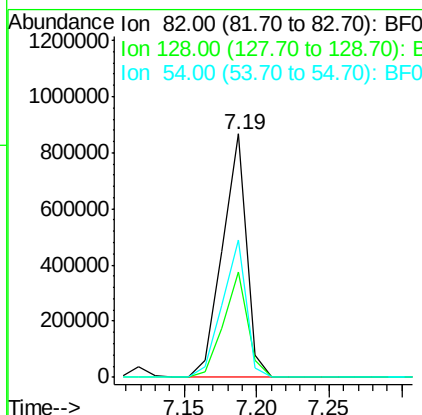
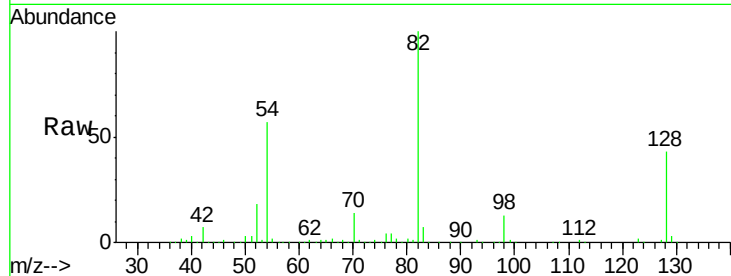
#23
 Nitrobenzene-d5
 Concen: 94.98 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF085046.D
 Acq: 12 Feb 2016 7:26

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	999551		
128	43.4	34.6	51.8	
54	56.7	38.4	57.6	

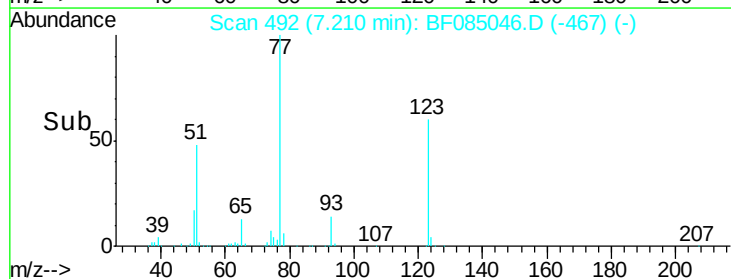
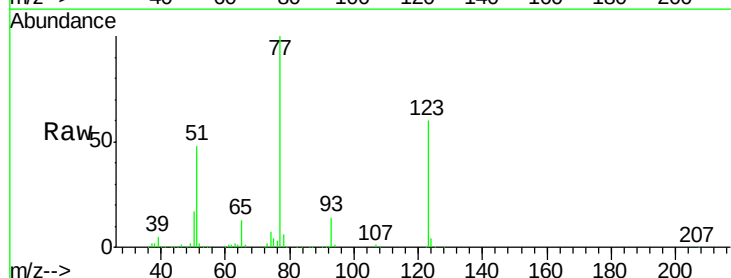
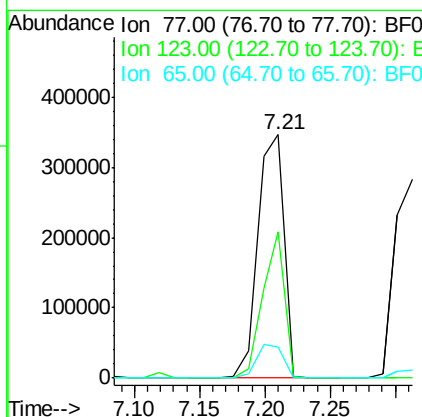
Manual Integrations
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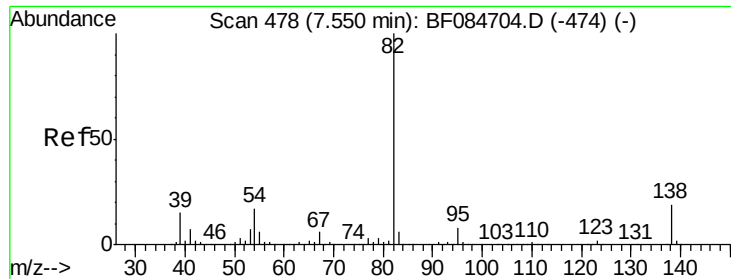
Sohil
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#24
 Nitrobenzene
 Concen: 42.85 ng
 RT: 7.21 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: BF085046.D
 Acq: 12 Feb 2016 7:26

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	482934		
123	59.9	37.4	56.2#	
65	12.9	10.9	16.3	





#25

Isophorone

Concen: 45.18 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Instrument :

BNA_F

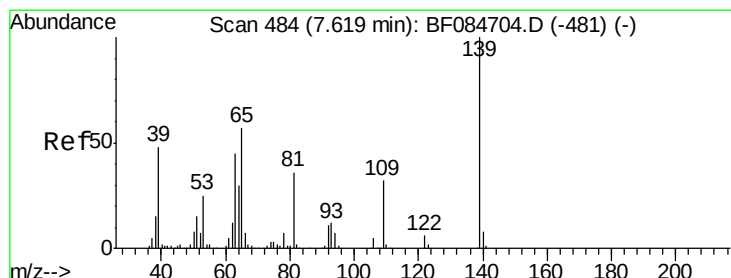
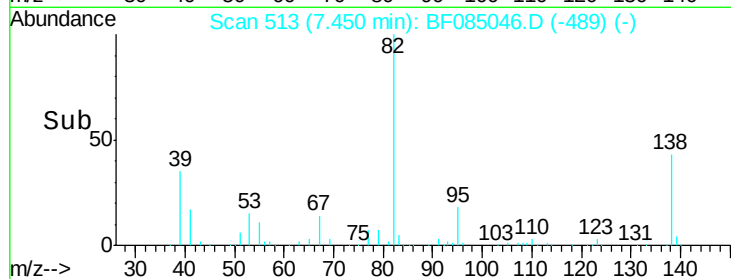
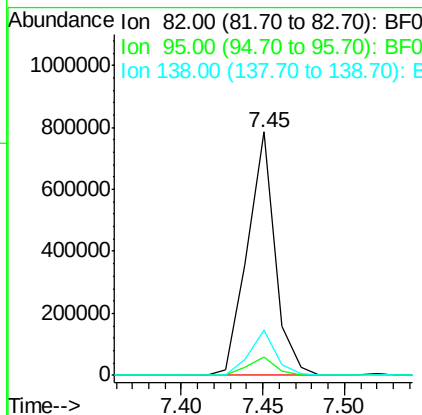
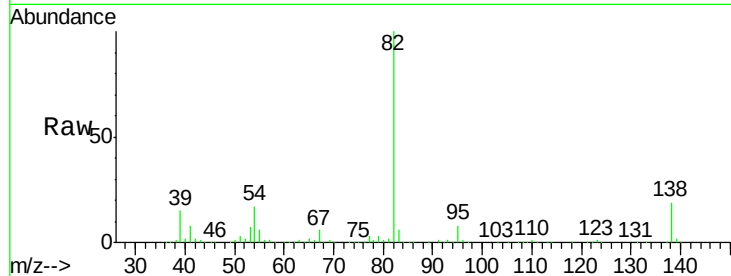
ClientSampled :

WC-1MSD

Tgt Ion:	82	Resp:	924663
Ion Ratio		Lower	Upper
82	100		
95	7.8	6.6	10.0
138	18.5	13.6	20.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.56 ng

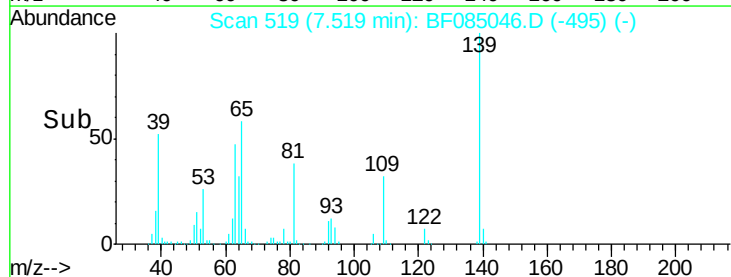
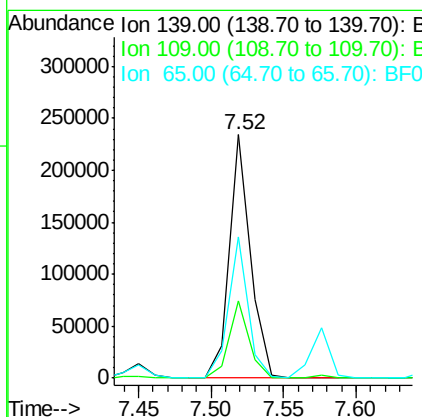
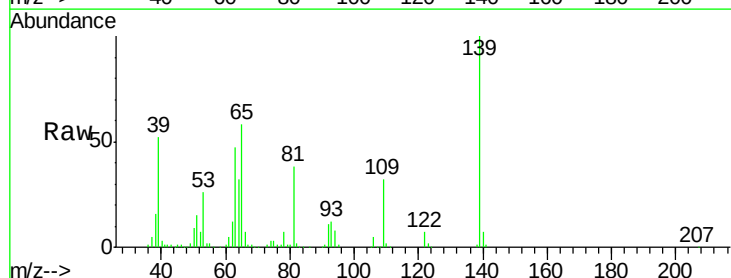
RT: 7.52 min Scan# 519

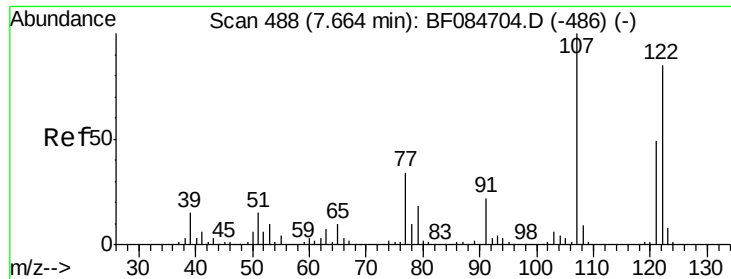
Delta R.T. -0.02 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Tgt Ion:	139	Resp:	236568
Ion Ratio		Lower	Upper
139	100		
109	31.8	25.4	38.2
65	58.0	32.3	48.5





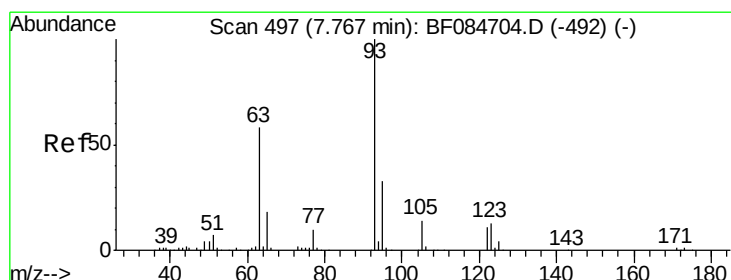
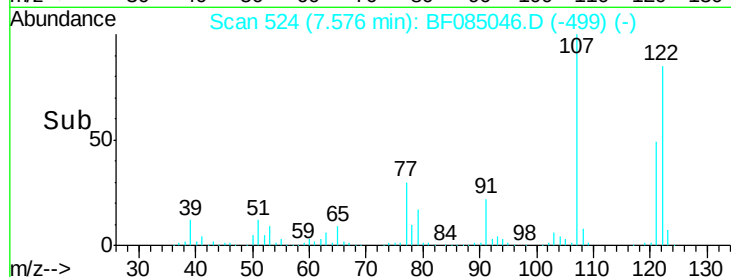
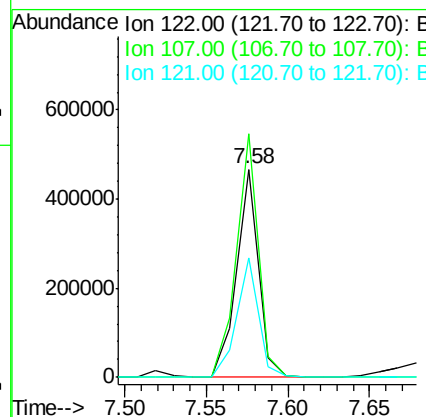
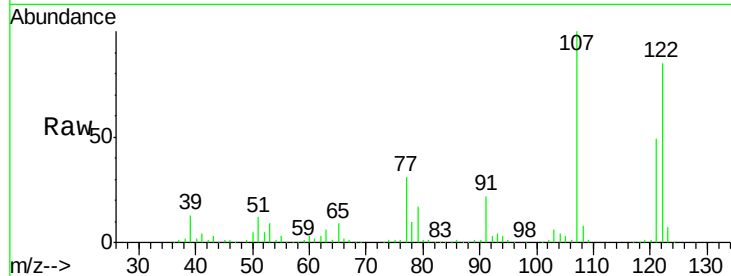
#27
 2,4-Dimethylphenol
 Concen: 44.56 ng
 RT: 7.58 min Scan# 524
 Delta R.T. -0.01 min
 Lab File: BF085046.D
 Acq: 12 Feb 2016 7:26

Instrument :
 BNA_F
 ClientSampled :
 WC-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	430804		
107	117.2	99.1	148.7	
121	57.5	47.9	71.9	

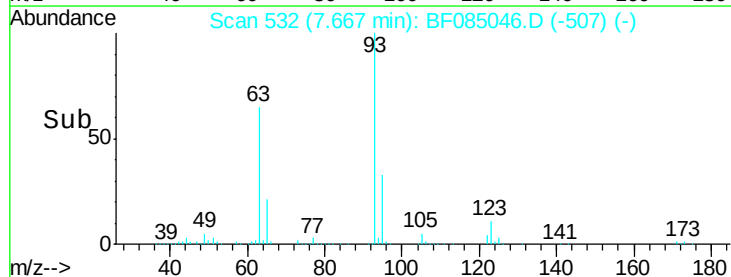
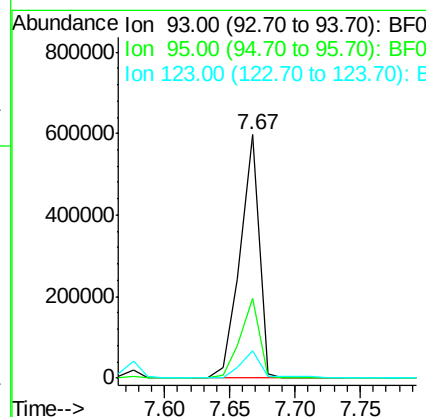
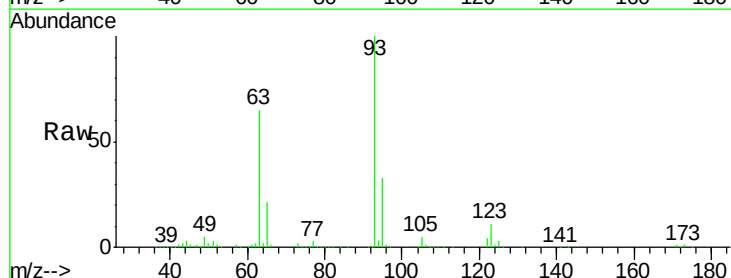
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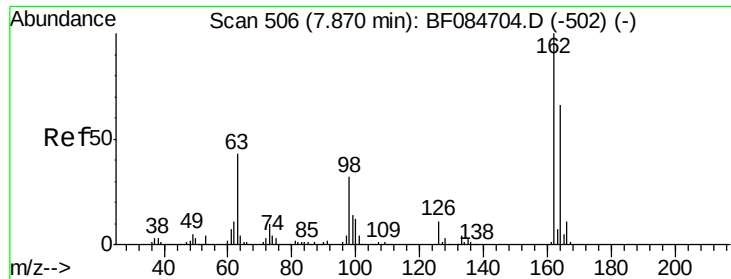
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 49.56 ng
 RT: 7.67 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: BF085046.D
 Acq: 12 Feb 2016 7:26

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	601721		
95	32.9	25.8	38.6	
123	11.0	8.6	12.8	





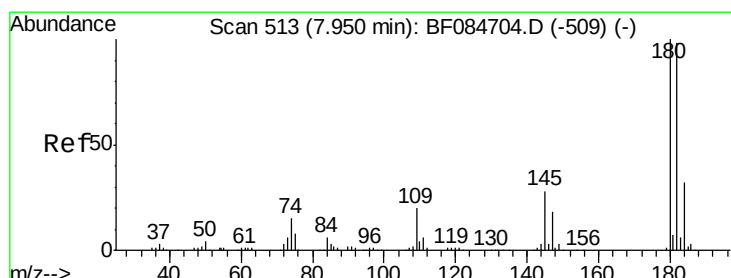
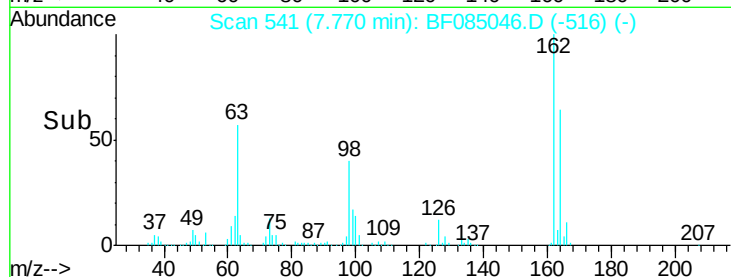
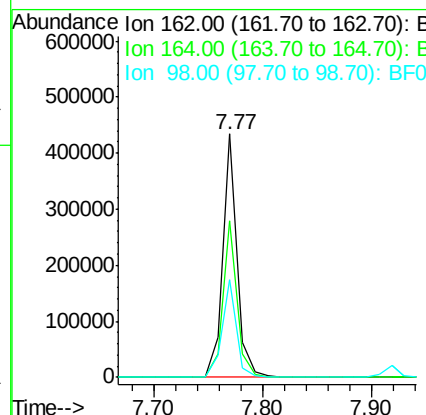
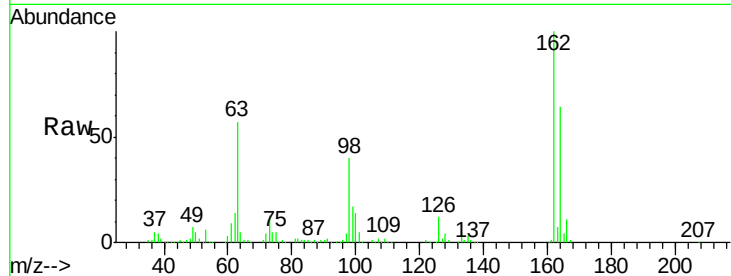
#29
 2,4-Dichlorophenol
 Concen: 48.32 ng
 RT: 7.77 min Scan# 541
 Delta R.T. -0.01 min
 Lab File: BF085046.D
 Acq: 12 Feb 2016 7:26

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.3	44.1	84.1
98	40.2	20.2	60.2

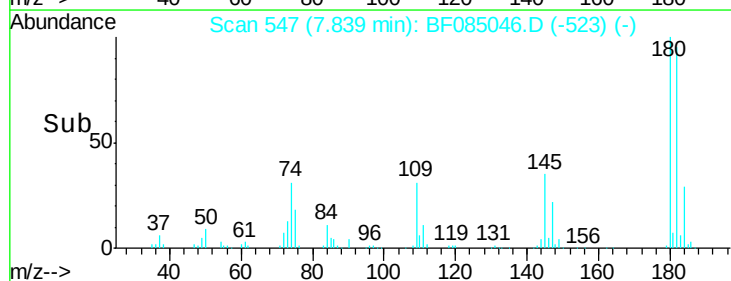
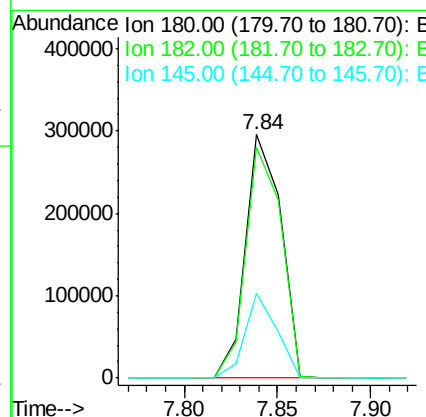
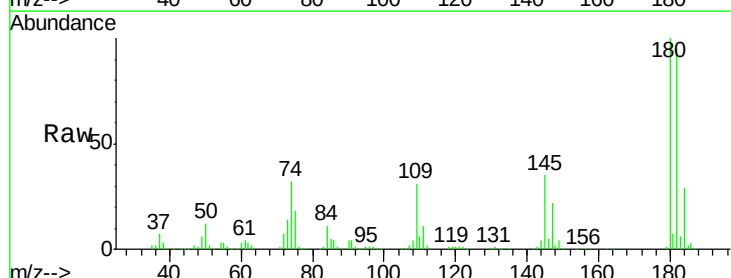
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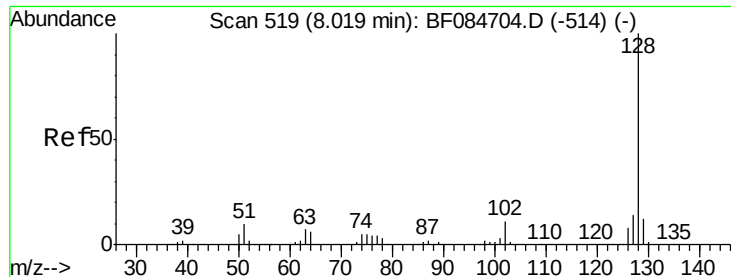
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.55 ng
 RT: 7.84 min Scan# 547
 Delta R.T. -0.02 min
 Lab File: BF085046.D
 Acq: 12 Feb 2016 7:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.9	76.4	114.6
145	34.8	31.6	47.4





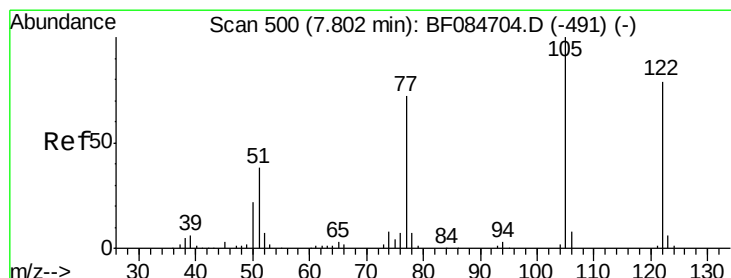
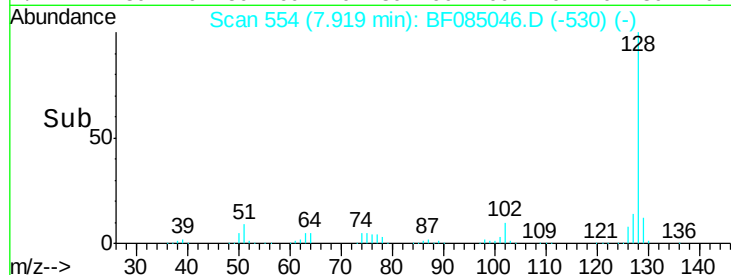
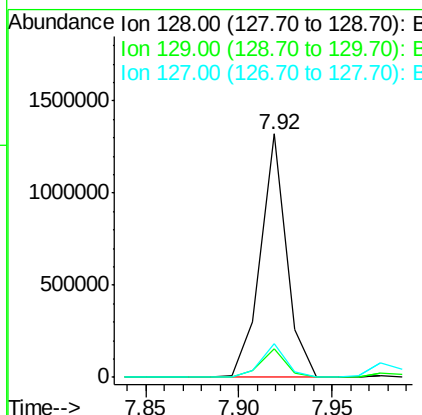
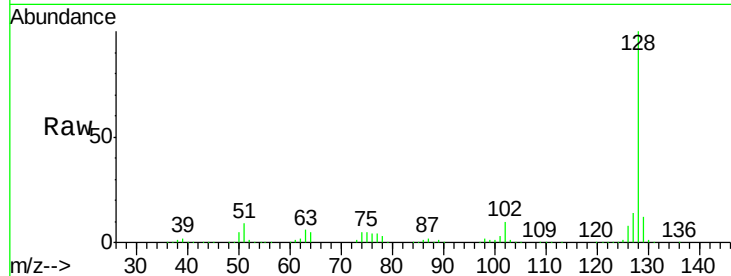
#31
Naphthalene
Concen: 43.59 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.02 min
Lab File: BF085046.D
Acq: 12 Feb 2016 7:26

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion:128 Resp: 1296329
Ion Ratio Lower Upper
128 100
129 11.8 9.1 13.7
127 13.9 11.1 16.7

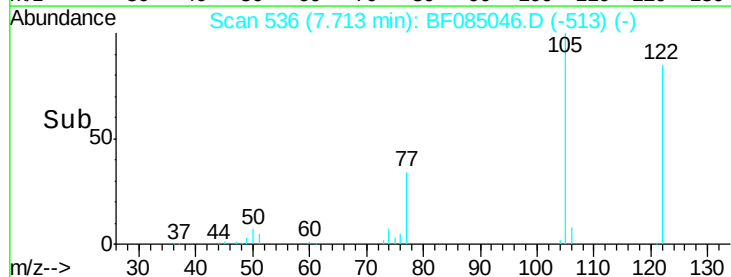
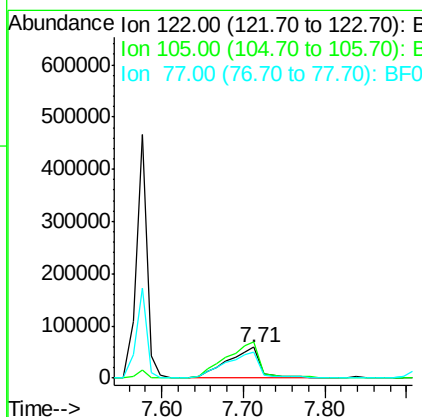
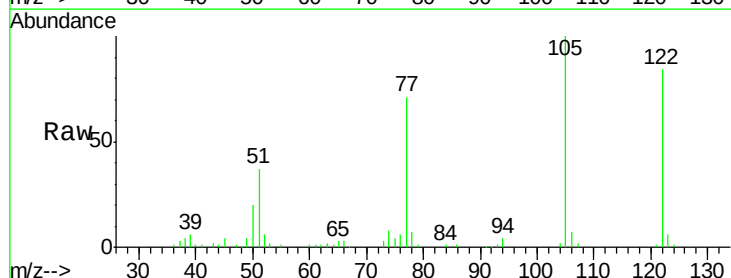
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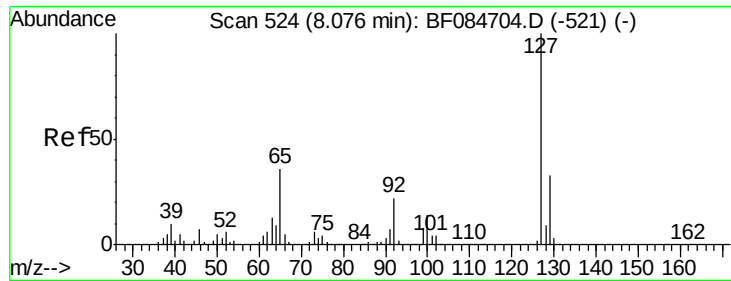
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#32
Benzoic acid
Concen: 25.95 ng
RT: 7.71 min Scan# 536
Delta R.T. -0.03 min
Lab File: BF085046.D
Acq: 12 Feb 2016 7:26

Tgt Ion:122 Resp: 160492
Ion Ratio Lower Upper
122 100
105 119.7 100.3 140.3
77 85.1 63.5 103.5





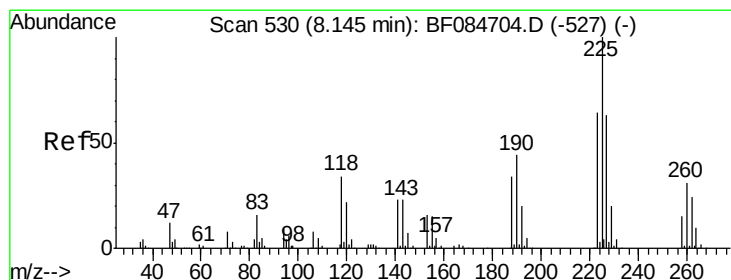
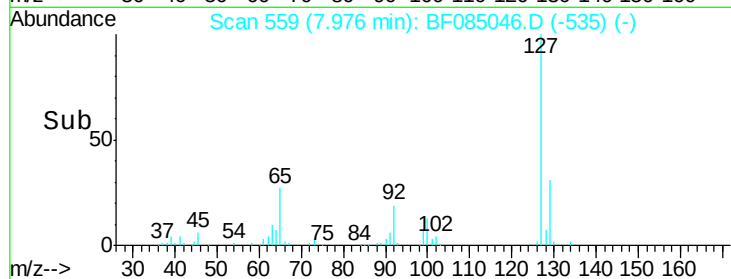
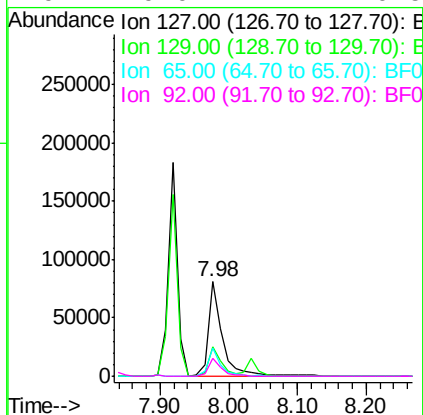
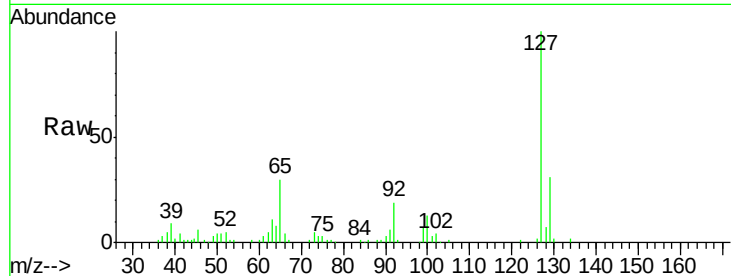
#33
4-Chloroaniline
Concen: 9.42 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF085046.D
Acq: 12 Feb 2016 7:26

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	31.2	26.5	39.7
65	30.0	27.2	40.8
92	19.0	17.7	26.5

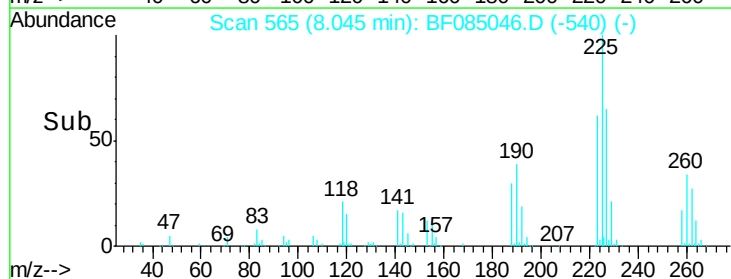
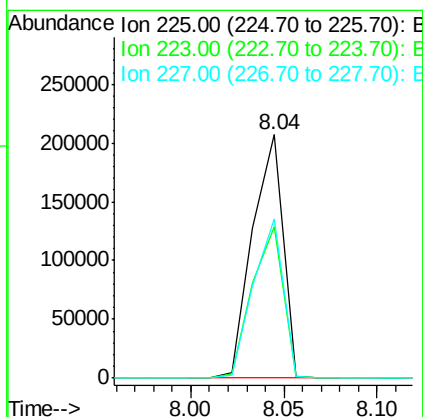
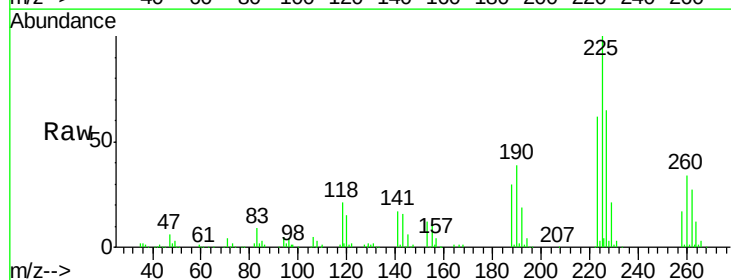
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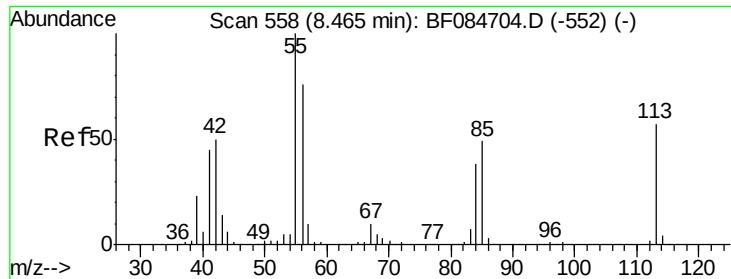
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#34
Hexachlorobutadiene
Concen: 43.39 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF085046.D
Acq: 12 Feb 2016 7:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	62.3	49.4	74.0
227	65.1	50.8	76.2





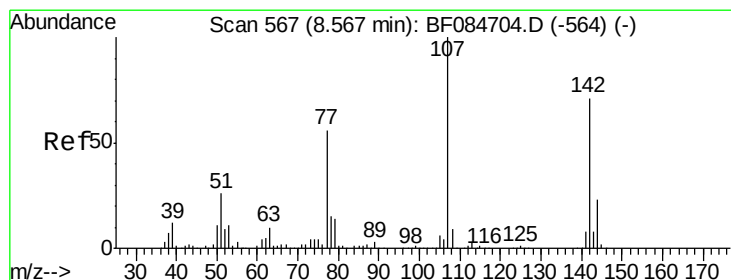
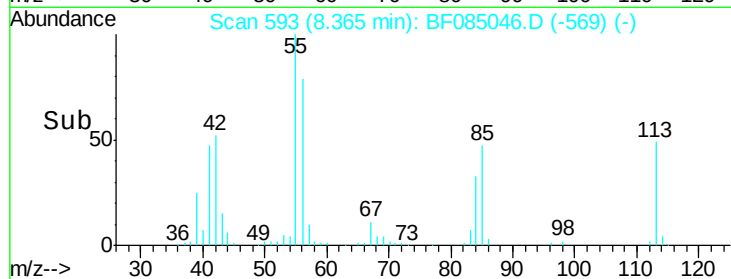
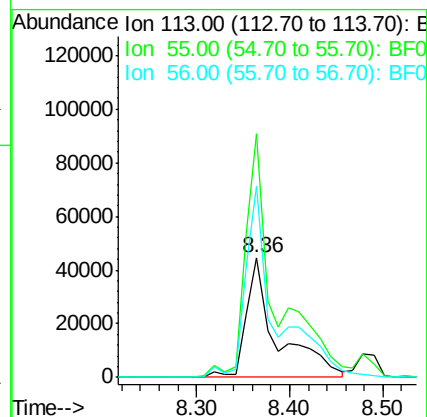
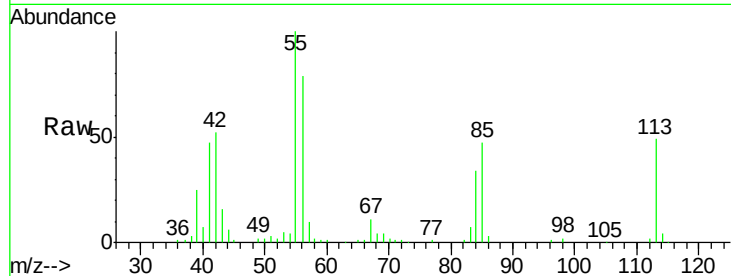
#35
 Caprolactam
 Concen: 40.09 ng
 RT: 8.36 min Scan# 593
 Delta R.T. -0.02 min
 Lab File: BF085046.D
 Acq: 12 Feb 2016 7:26

Instrument :
 BNA_F
 ClientSampled :
 WC-1MSD

Tgt Ion:113 Resp: 102224
 Ion Ratio Lower Upper
 113 100
 55 203.3 116.9 156.9#
 56 160.0 93.8 133.8#

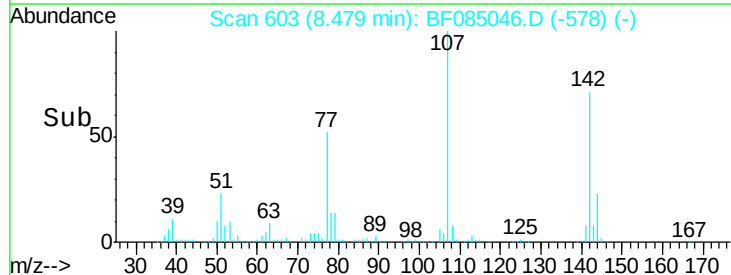
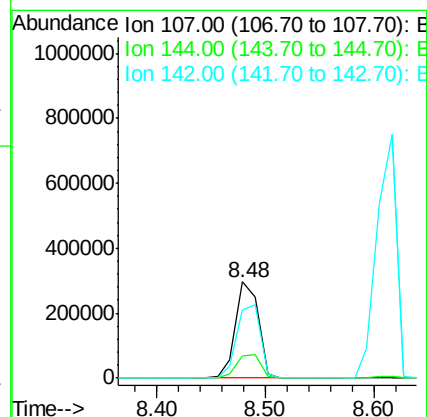
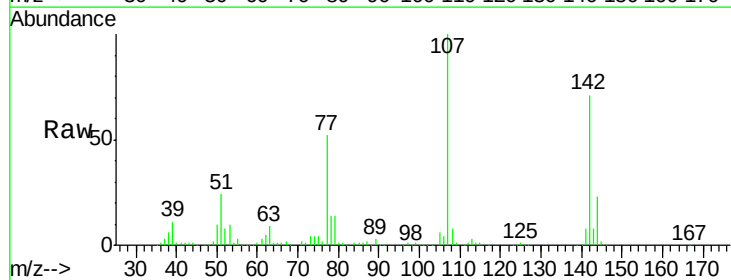
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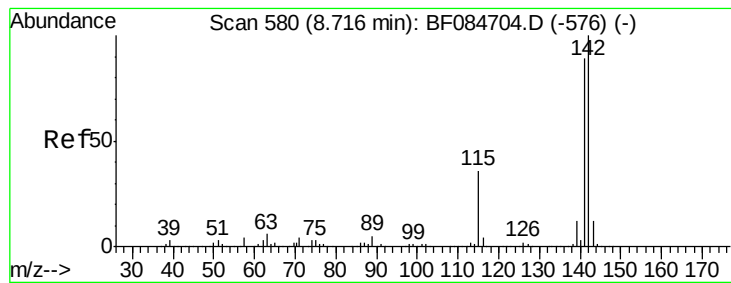
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#36
 4-Chloro-3-methylphenol
 Concen: 45.40 ng
 RT: 8.48 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085046.D
 Acq: 12 Feb 2016 7:26

Tgt Ion:107 Resp: 428439
 Ion Ratio Lower Upper
 107 100
 144 22.8 19.7 29.5
 142 71.1 61.8 92.6





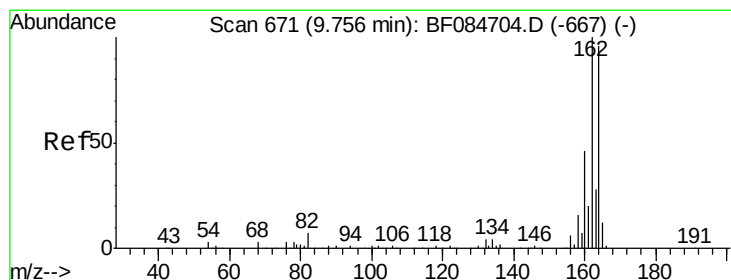
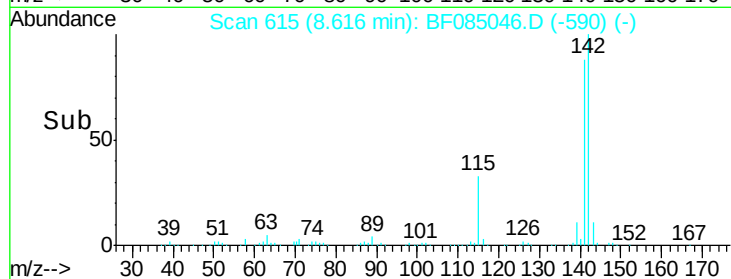
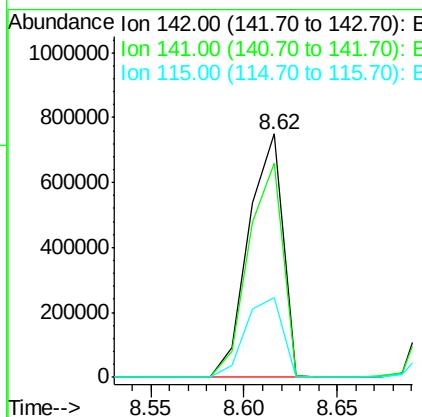
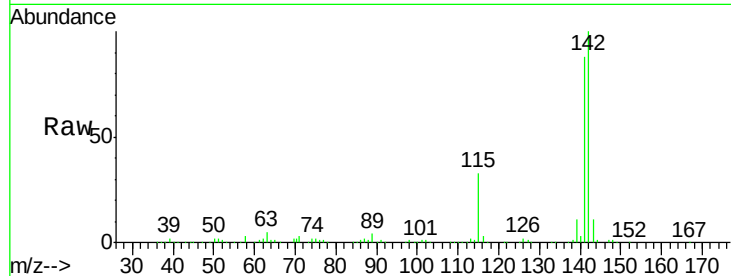
#37
 2-Methylnaphthalene
 Concen: 51.23 ng
 RT: 8.62 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF085046.D
 Acq: 12 Feb 2016 7:26

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
142	100		
141	87.8	72.4	108.6
115	32.9	27.9	41.9

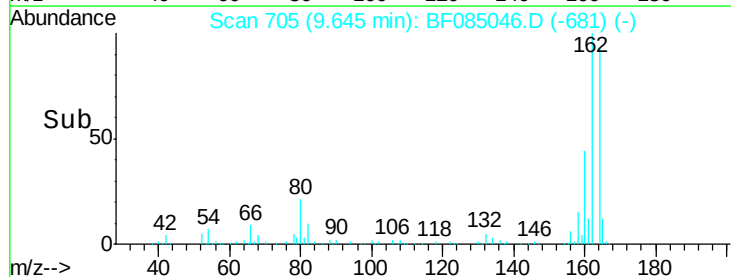
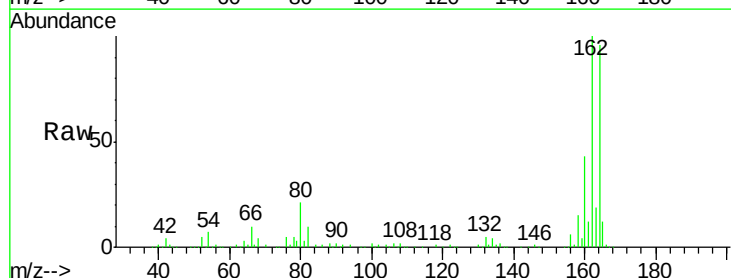
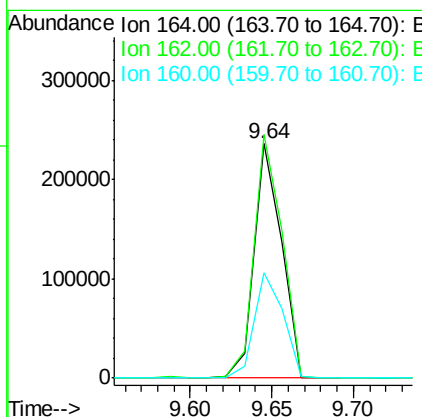
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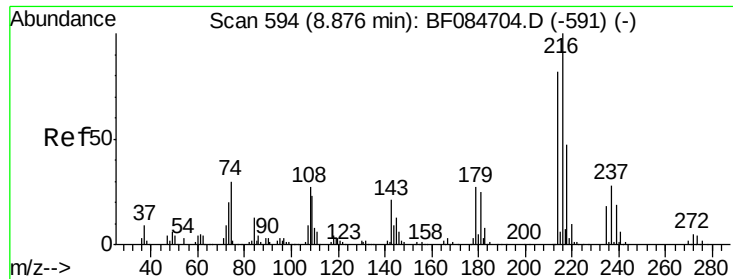
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.02 min
 Lab File: BF085046.D
 Acq: 12 Feb 2016 7:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	103.9	85.1	127.7
160	45.2	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.26 ng

RT: 8.78 min Scan# 629

Delta R.T. -0.02 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Instrument :

BNA_F

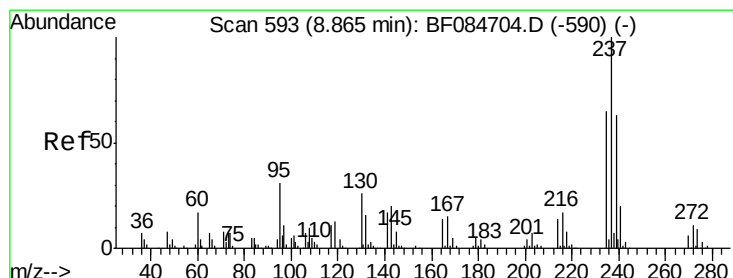
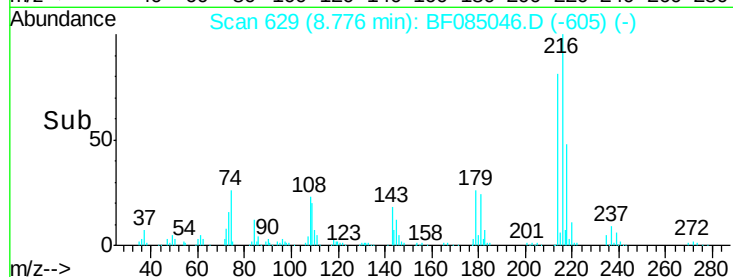
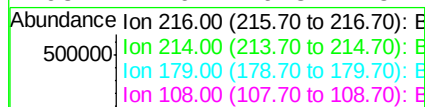
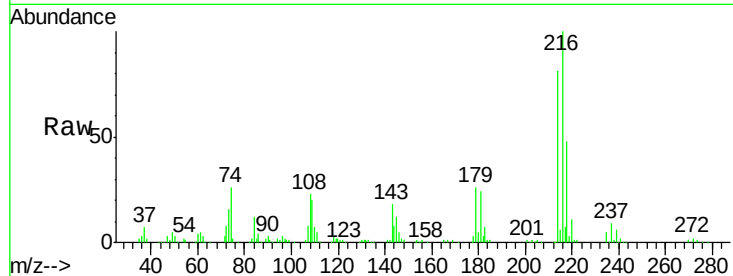
ClientSampleId :

WC-1MSD

Tgt Ion:	216	Resp:	351688
Ion Ratio	Lower	Upper	
216	100		
214	78.8	64.2	96.2
179	23.2	18.7	28.1
108	22.6	16.8	25.2

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#40

Hexachlorocyclopentadiene

Concen: 71.42 ng

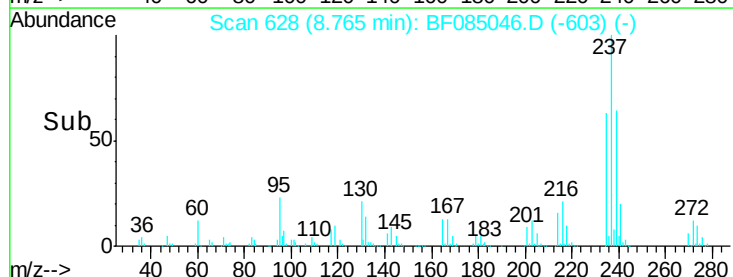
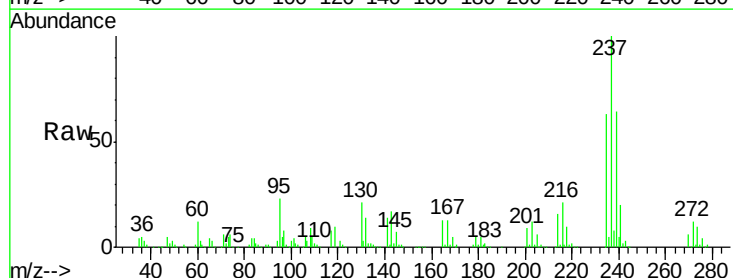
RT: 8.76 min Scan# 628

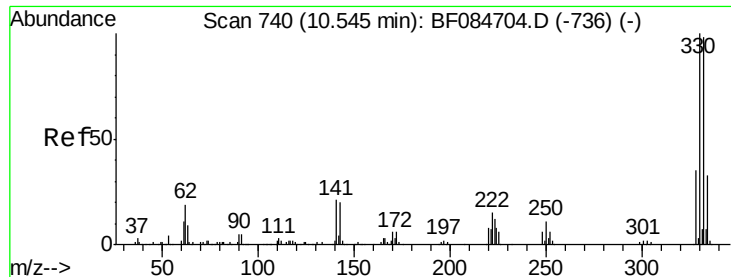
Delta R.T. -0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Tgt Ion:	237	Resp:	263321
Ion Ratio	Lower	Upper	
237	100		
235	63.4	43.1	83.1
272	12.2	0.0	35.1





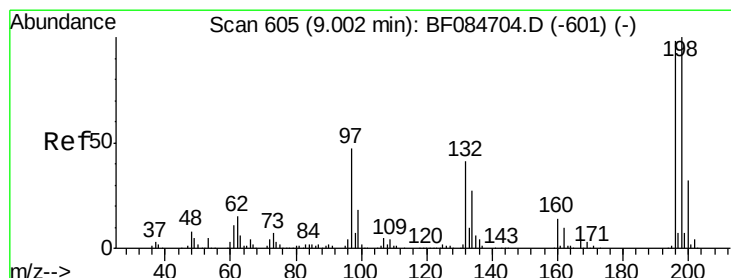
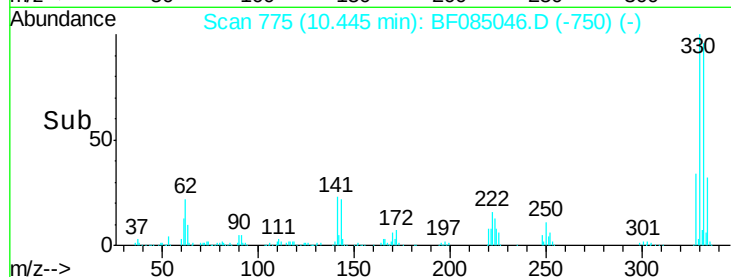
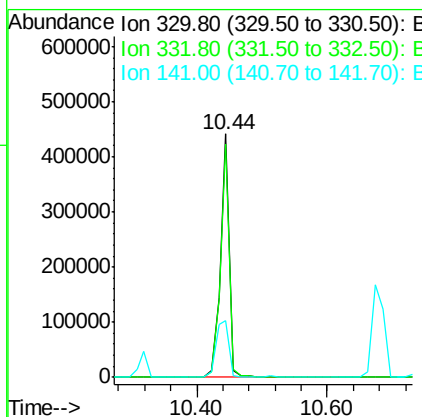
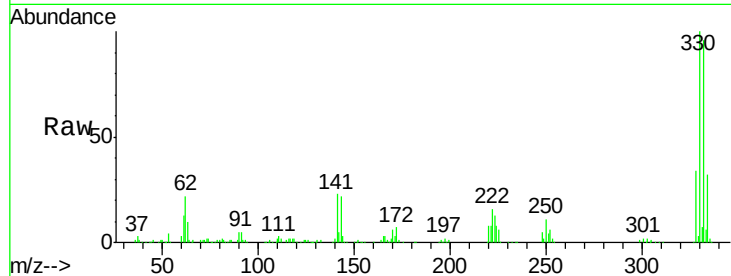
#41
 2,4,6-Tribromophenol
 Concen: 150.07 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF085046.D
 Acq: 12 Feb 2016 7:26

Instrument :
 BNA_F
 ClientSampled :
 WC-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	430569		
332	96.7	76.6	114.8	
141	34.2	27.8	41.6	

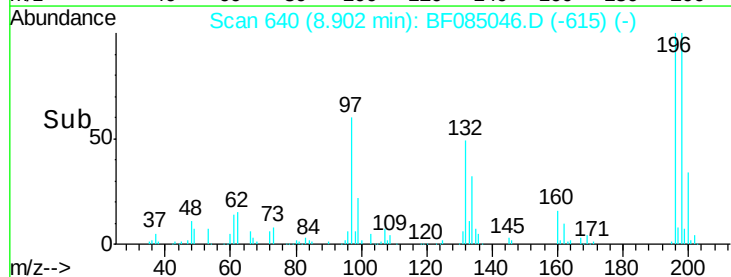
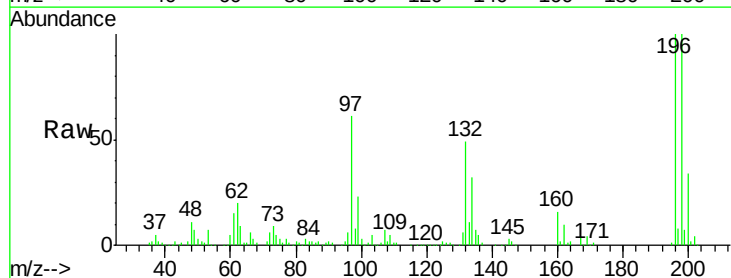
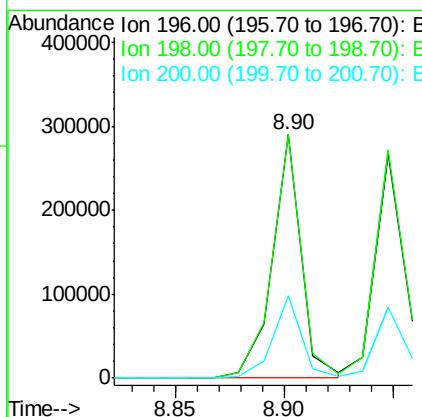
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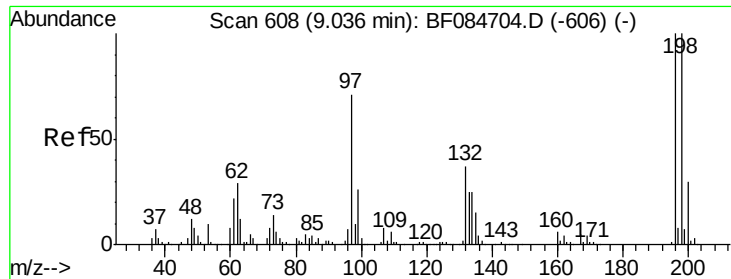
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#42
 2,4,6-Trichlorophenol
 Concen: 48.03 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.01 min
 Lab File: BF085046.D
 Acq: 12 Feb 2016 7:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	270303		
198	100.0	77.7	116.5	
200	33.6	24.6	37.0	





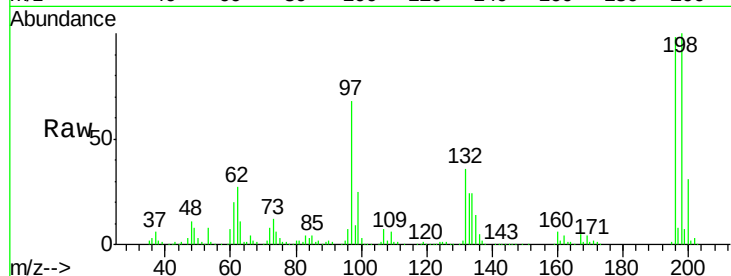
#43
 2,4,5-Trichlorophenol
 Concen: 44.74 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.01 min
 Lab File: BF085046.D
 Acq: 12 Feb 2016 7:26

Instrument :
 BNA_F
 ClientSampled :
 WC-1MSD

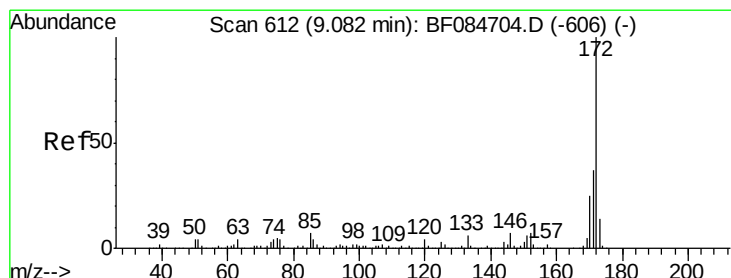
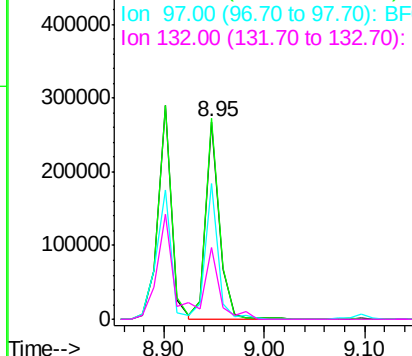
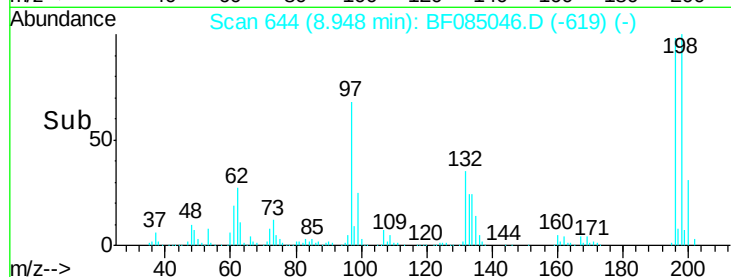
Tgt Ion:	196	Resp:	255829
Ion Ratio	Lower	Upper	
196	100		
198	101.6	79.0	118.6
97	69.0	33.0	49.6#
132	36.1	21.1	31.7#

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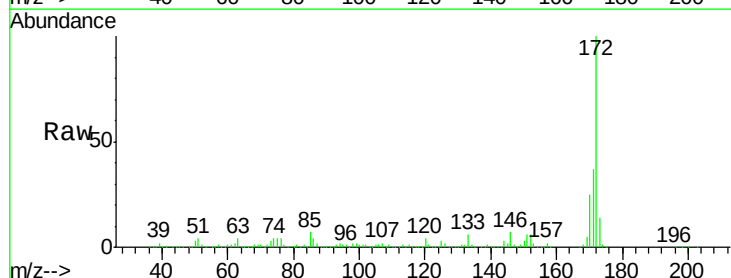


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

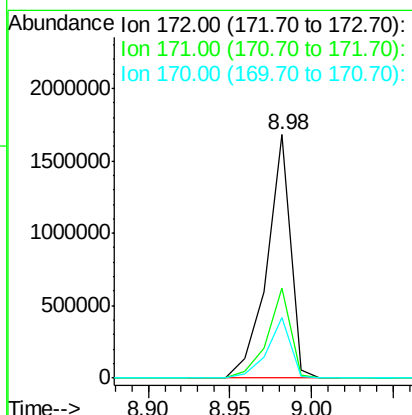
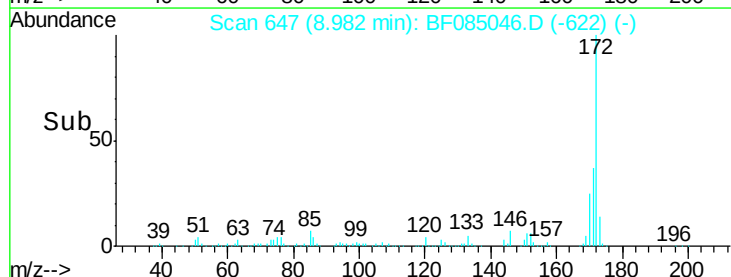


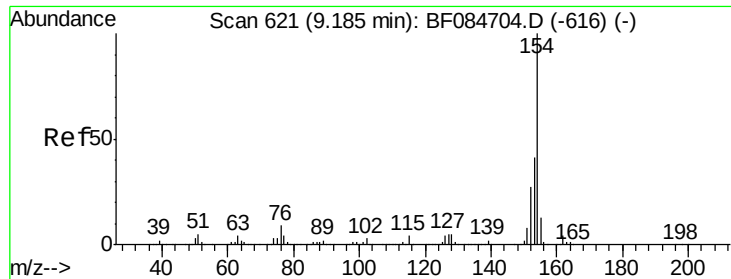
#44
 2-Fluorobiphenyl
 Concen: 120.88 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF085046.D
 Acq: 12 Feb 2016 7:26

Tgt Ion:	172	Resp:	1696724
Ion Ratio	Lower	Upper	
172	100		
171	37.0	28.9	43.3
170	25.1	18.6	27.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 43.65 ng

RT: 9.08 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion:154 Resp: 1072458

Ion Ratio Lower Upper

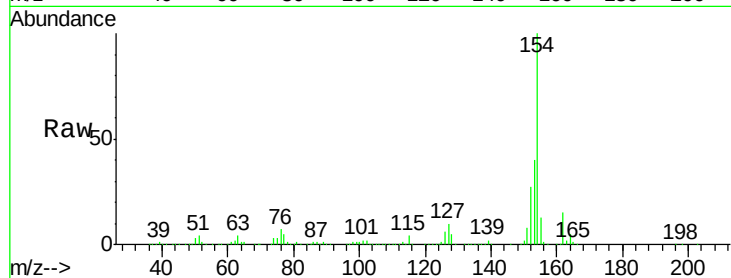
154 100

153 40.0 21.6 61.6

76 6.9 0.0 32.7

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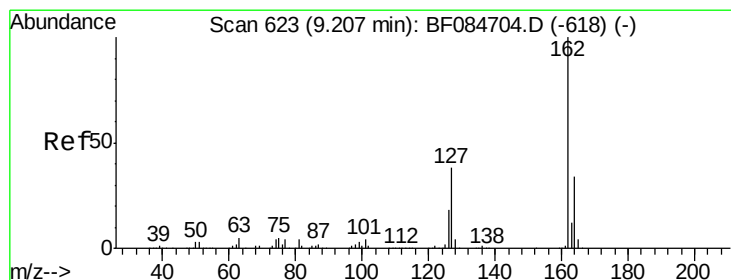
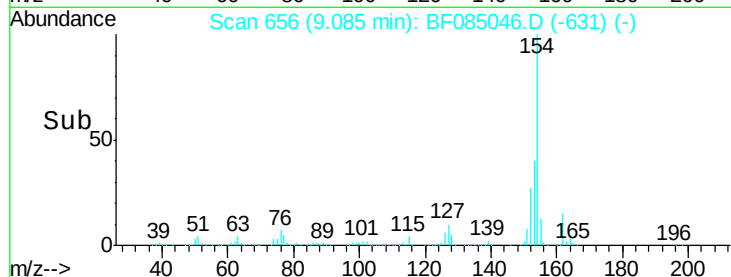
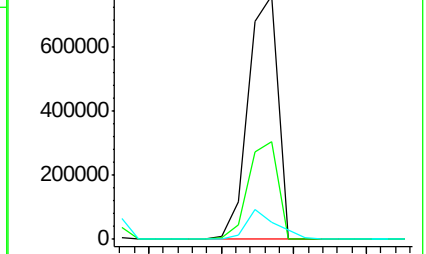
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.08 ng

RT: 9.10 min Scan# 657

Delta R.T. -0.02 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

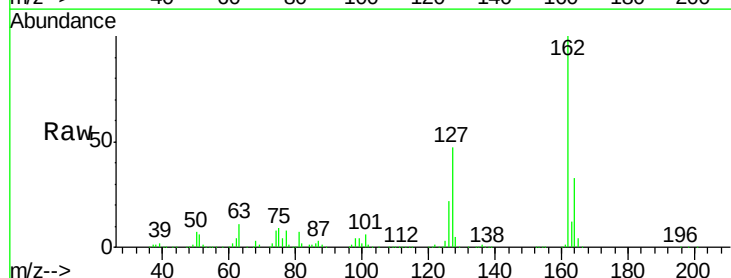
Tgt Ion:162 Resp: 761338

Ion Ratio Lower Upper

162 100

127 46.8 40.2 60.4

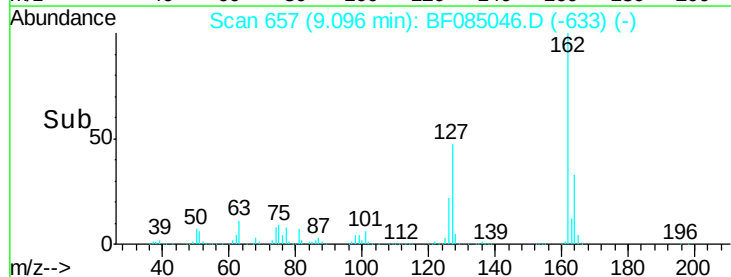
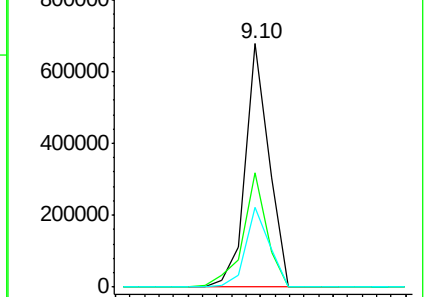
164 32.6 25.7 38.5

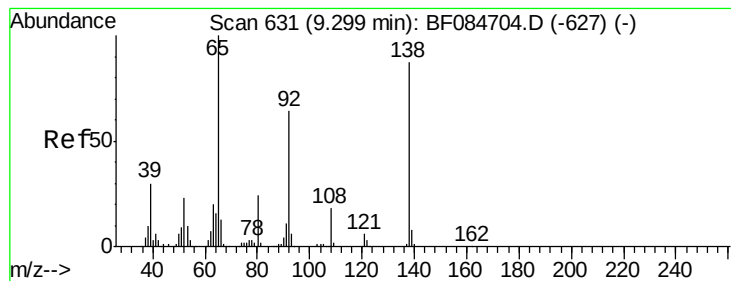


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





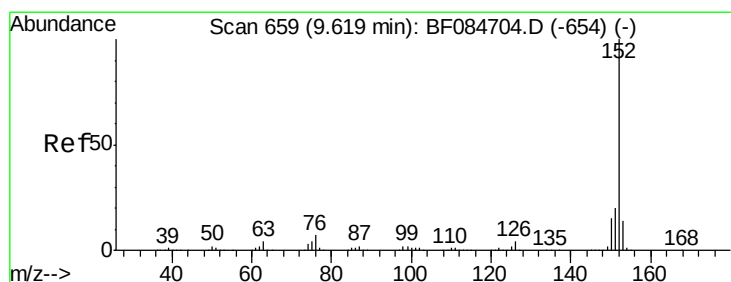
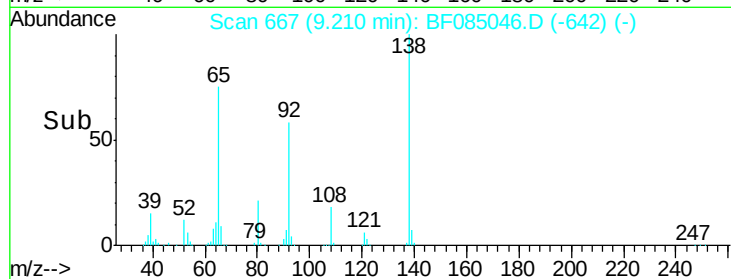
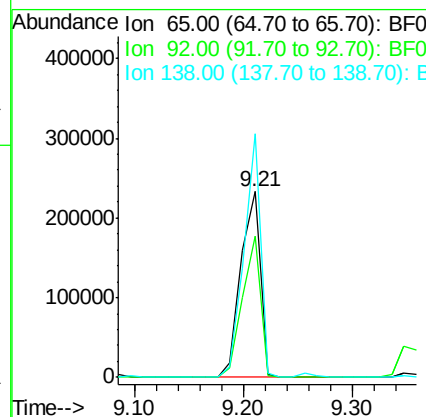
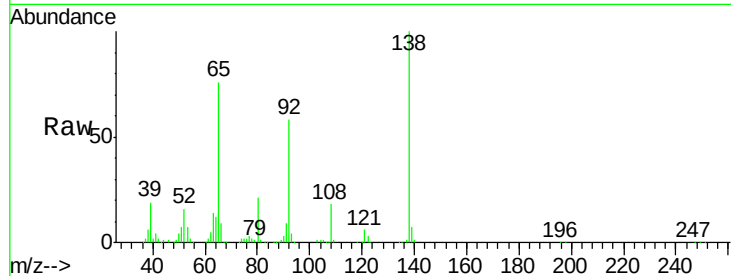
#47
2-Nitroaniline
Concen: 50.00 ng
RT: 9.21 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF085046.D
Acq: 12 Feb 2016 7:26

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	286457		
92	75.7	53.4	80.2	
138	131.0	71.1	106.7	

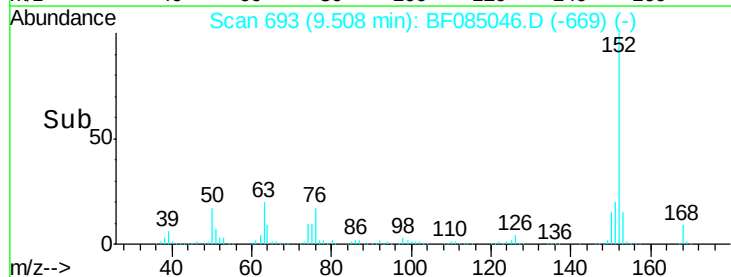
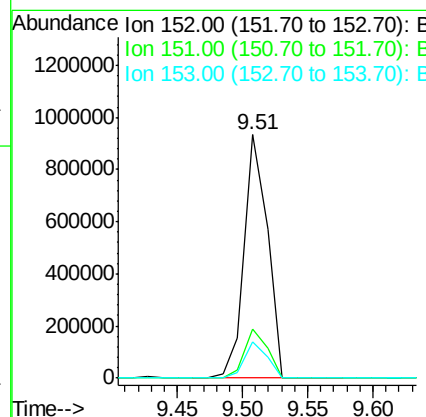
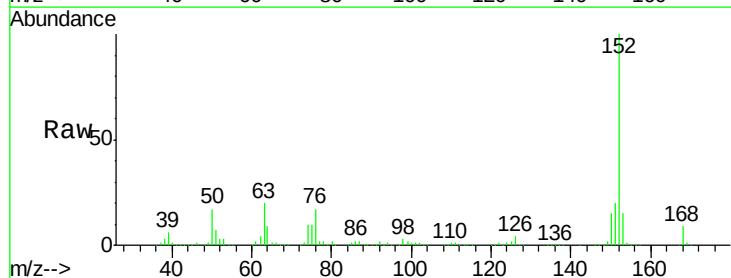
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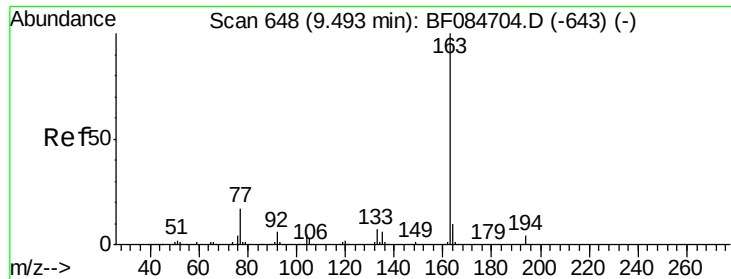
Sohil
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#48
Acenaphthylene
Concen: 42.06 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.02 min
Lab File: BF085046.D
Acq: 12 Feb 2016 7:26

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1154917		
151	20.3	16.3	24.5	
153	14.9	10.4	15.6	





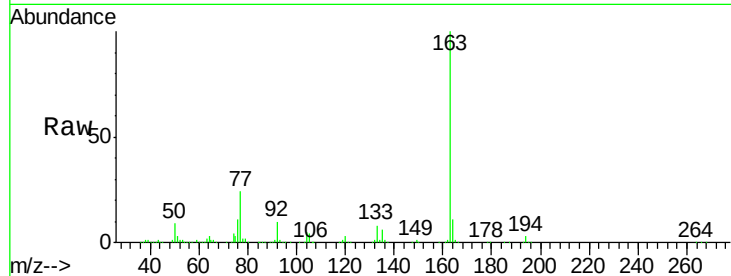
#49
Dimethylphthalate
Concen: 45.06 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF085046.D
Acq: 12 Feb 2016 7:26

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.2	8.0	12.0#
164	10.5	8.0	12.0

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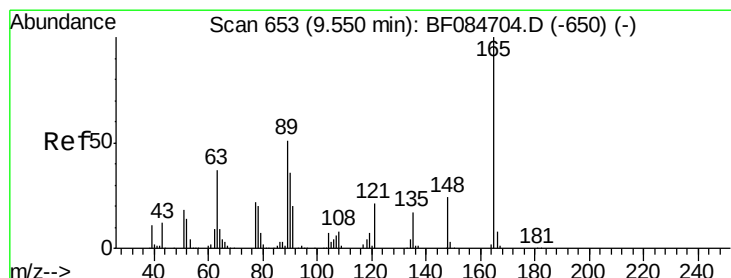
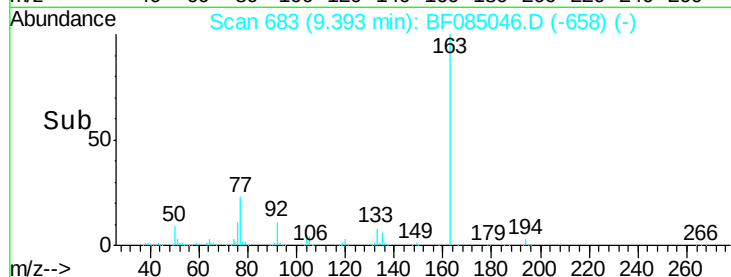
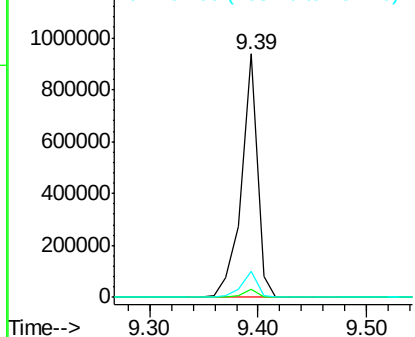


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 42.11 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF085046.D
Acq: 12 Feb 2016 7:26

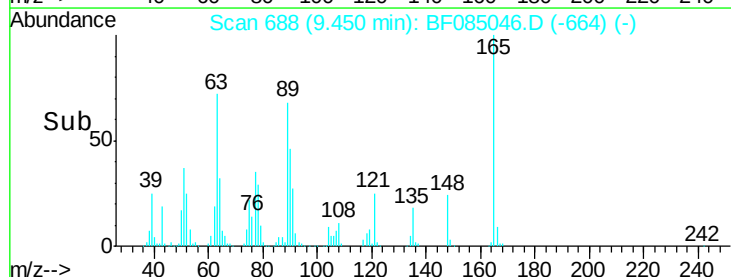
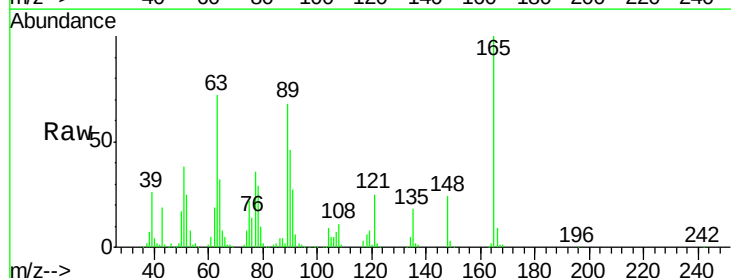
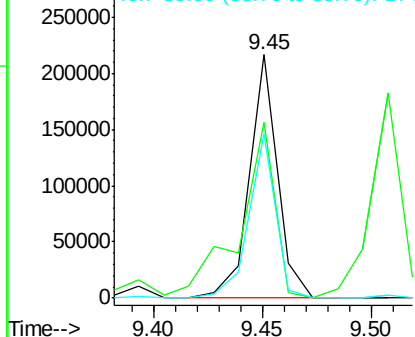
Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	72.1	28.8	43.2#
89	67.6	35.1	52.7#

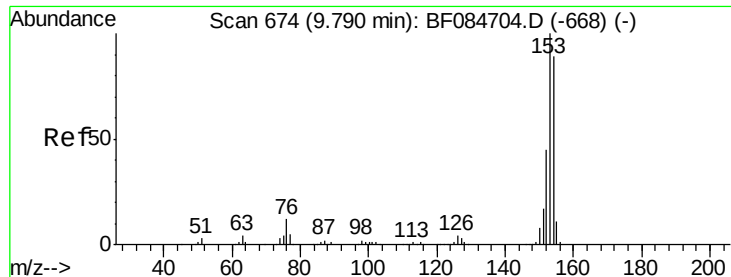
Abundance

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: 41.05 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Instrument :

BNA_F

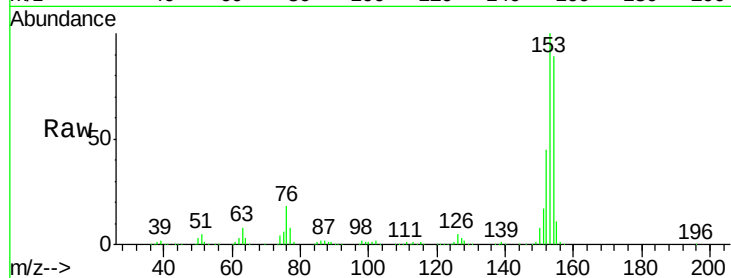
ClientSampled :

WC-1MSD

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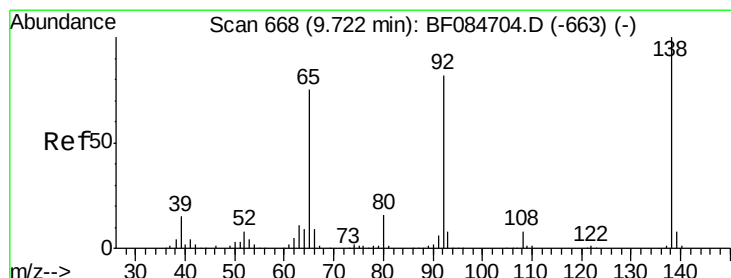
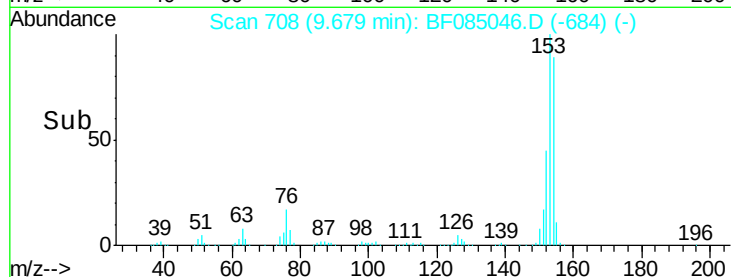
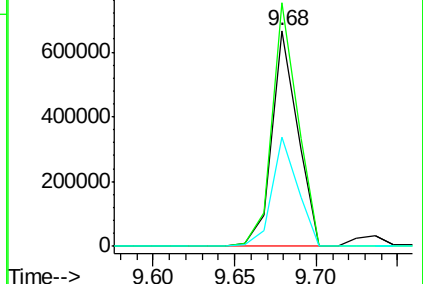
Tgt Ion:	154	Resp:	733233
Ion Ratio	Lower	Upper	
154	100		
153	112.7	91.5	137.3
152	50.8	43.0	64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.58 ng

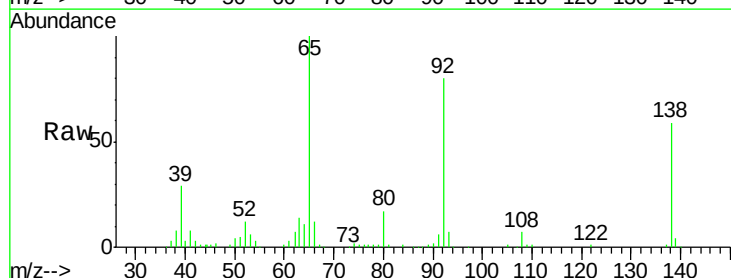
RT: 9.61 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

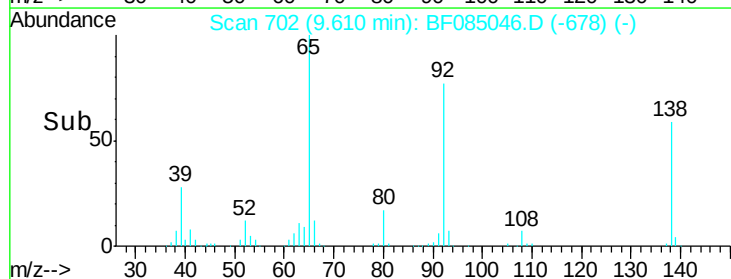
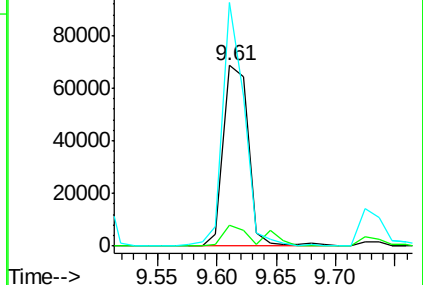
Tgt Ion:	138	Resp:	100687
Ion Ratio	Lower	Upper	
138	100		
108	11.9	10.5	15.7
92	134.9	103.9	155.9

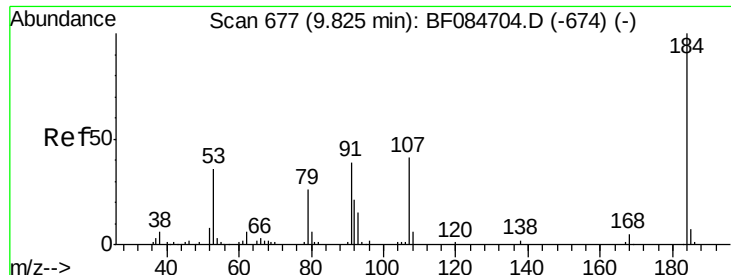


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





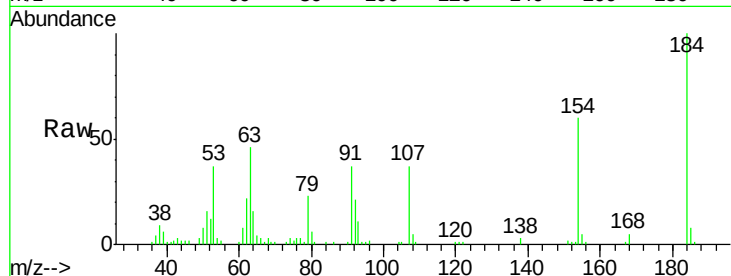
#53
2,4-Dinitrophenol
Concen: 37.39 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF085046.D
Acq: 12 Feb 2016 7:26

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

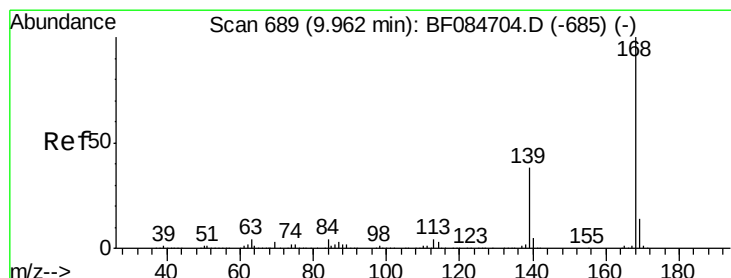
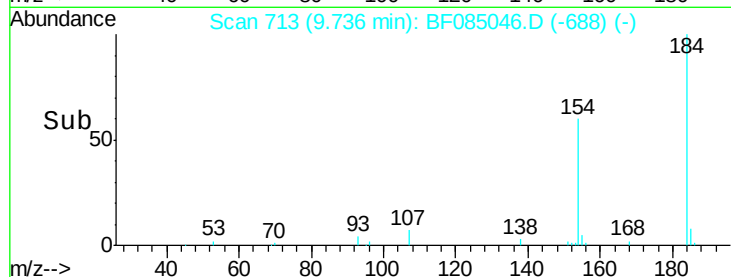
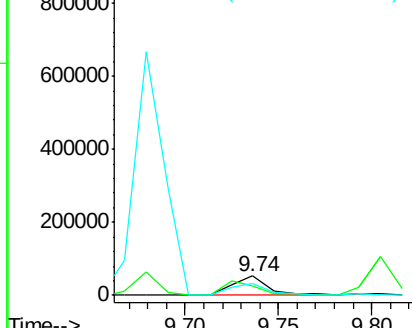
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	71937		
63	45.7	43.1	64.7	
154	60.0	60.5	90.7#	

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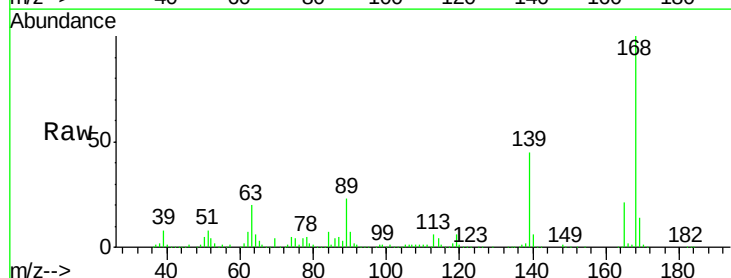


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

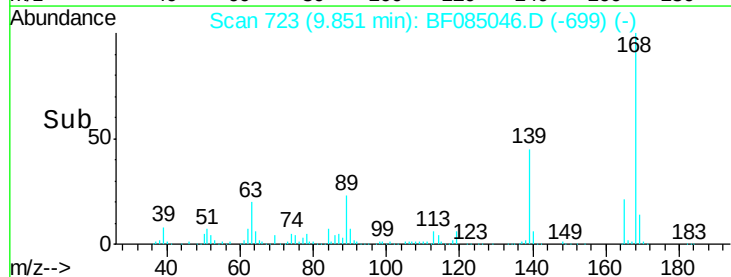
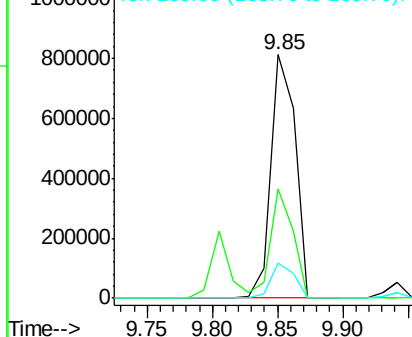


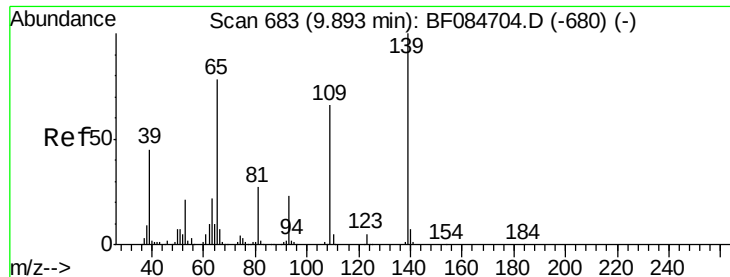
#54
Dibenzofuran
Concen: 49.00 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF085046.D
Acq: 12 Feb 2016 7:26

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1069662		
139	44.6	30.5	45.7	
169	14.4	10.4	15.6	



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 59.21 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Instrument :

BNA_F

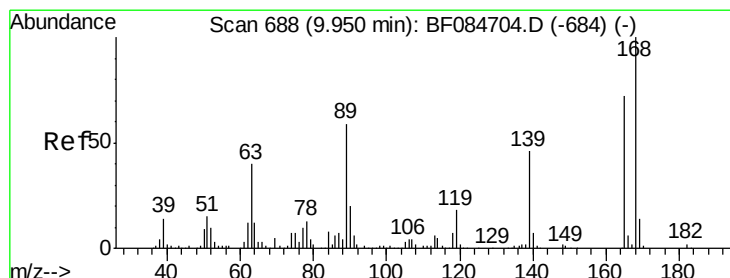
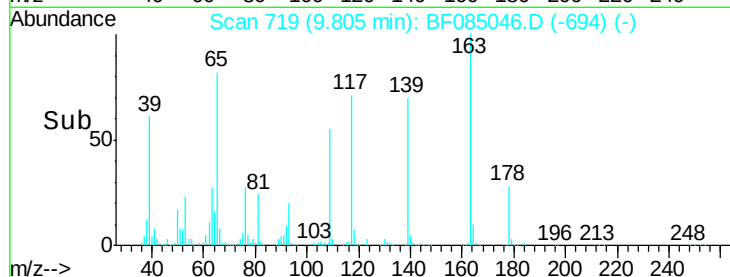
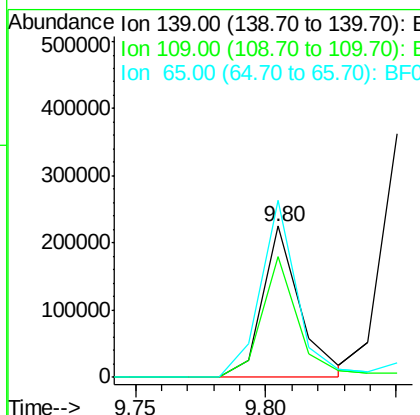
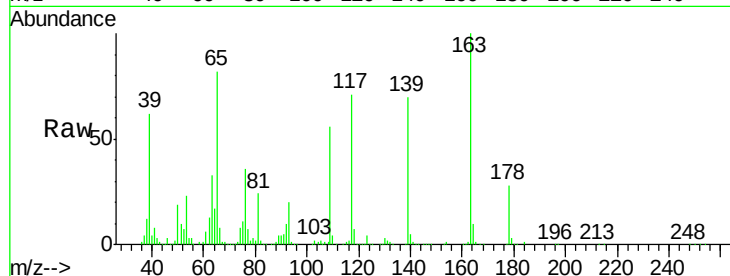
ClientSampled :

WC-1MSD

Tgt Ion:	139	Resp:	223796
Ion Ratio	Lower	Upper	
139	100		
109	79.6	58.5	98.5
65	117.2	57.6	97.6#

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#56

2,4-Dinitrotoluene

Concen: 46.07 ng

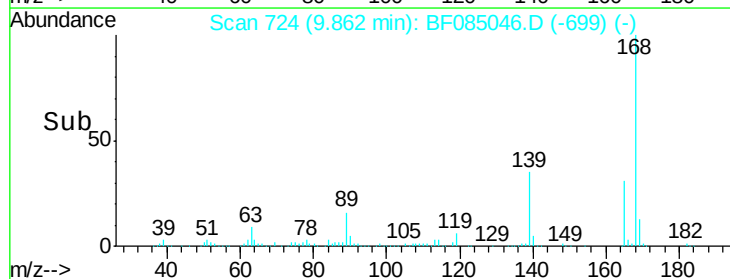
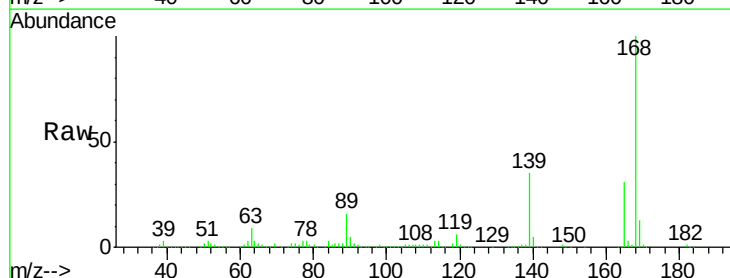
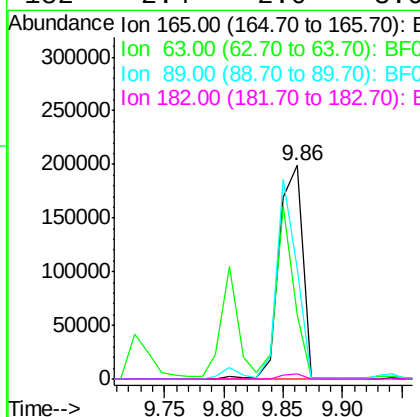
RT: 9.86 min Scan# 724

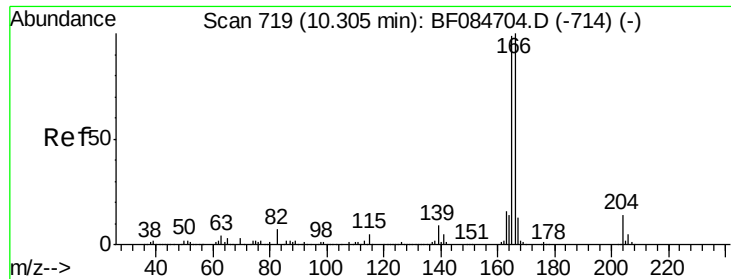
Delta R.T. -0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Tgt Ion:	165	Resp:	268920
Ion Ratio	Lower	Upper	
165	100		
63	30.0	36.7	55.1#
89	51.4	61.9	92.9#
182	2.4	2.0	3.0





#57

Fluorene

Concen: 42.56 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF085046.D

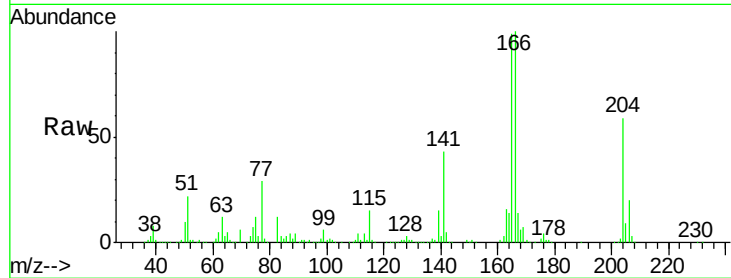
Acq: 12 Feb 2016 7:26

Instrument :

BNA_F

ClientSampled :

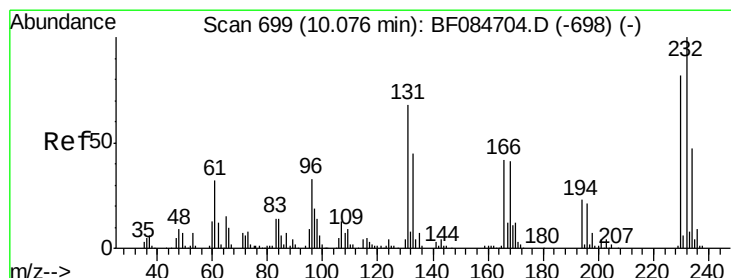
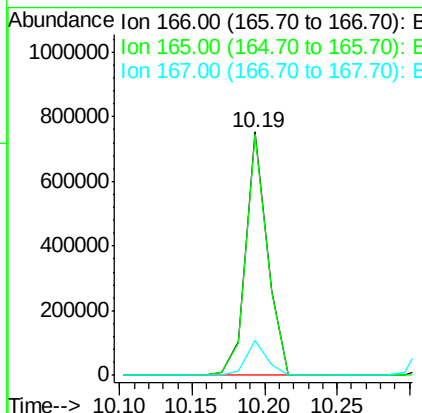
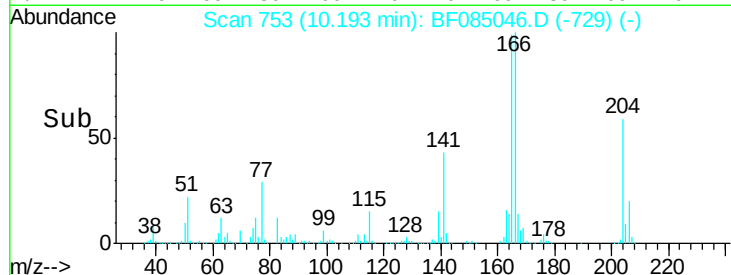
WC-1MSD



Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.1	118.7
167	14.3	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

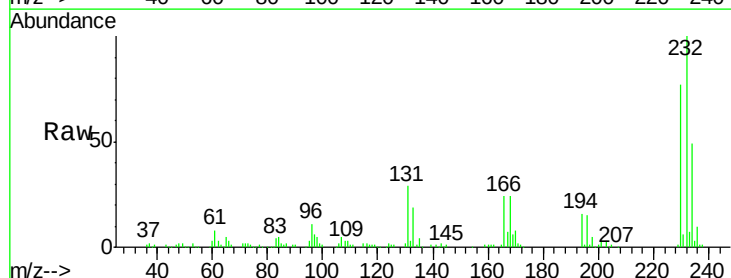
Concen: 48.29 ng

RT: 9.99 min Scan# 735

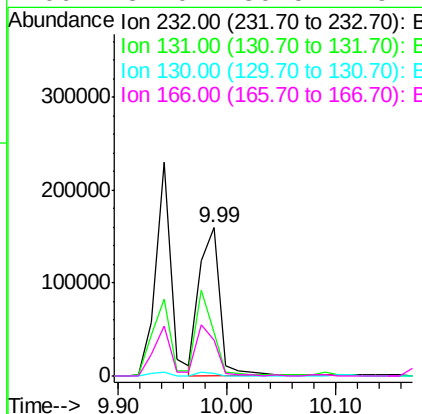
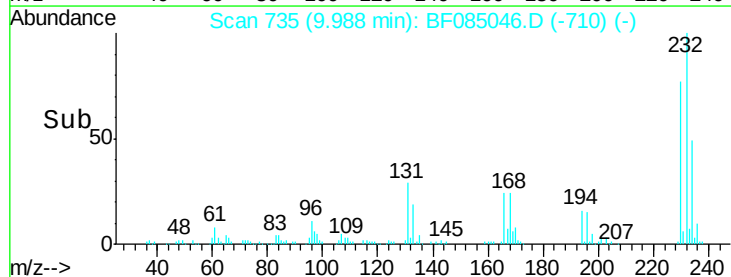
Delta R.T. -0.01 min

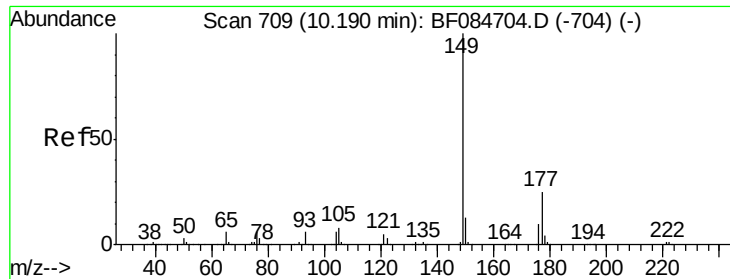
Lab File: BF085046.D

Acq: 12 Feb 2016 7:26



Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.5	47.0	70.6
130	2.3	2.0	3.0
166	32.0	30.5	45.7





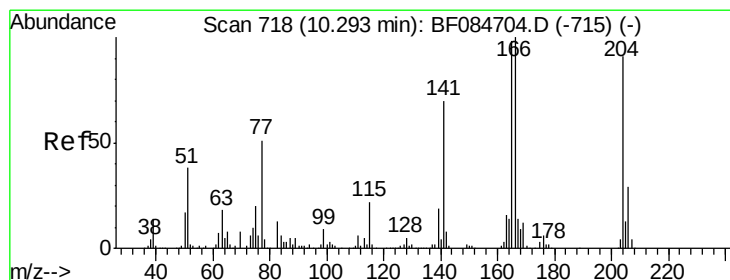
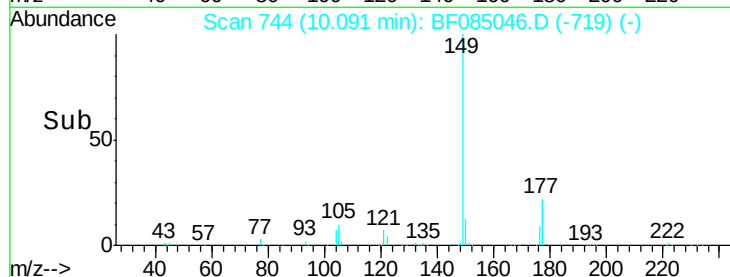
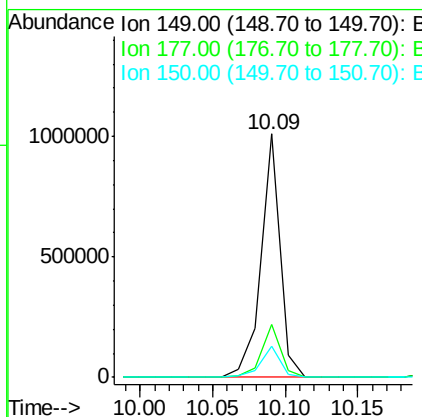
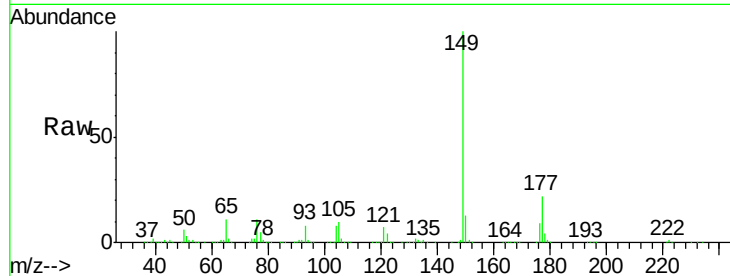
#59
Diethylphthalate
Concen: 45.12 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF085046.D
Acq: 12 Feb 2016 7:26

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	21.7	17.3	25.9
150	12.8	9.8	14.8

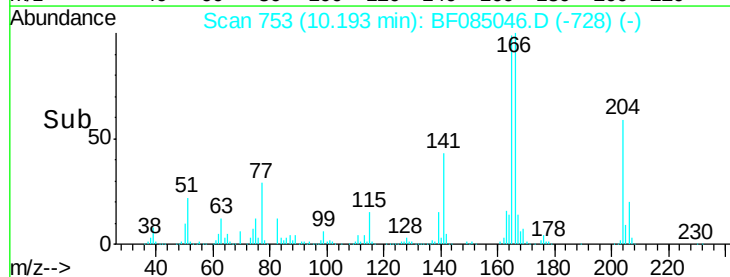
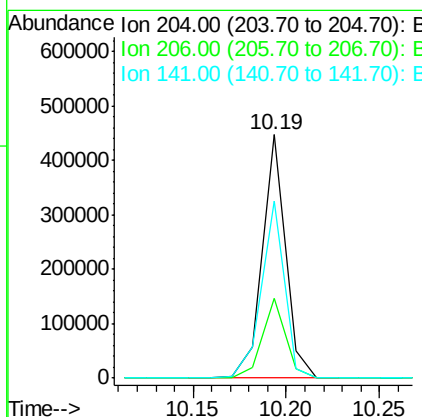
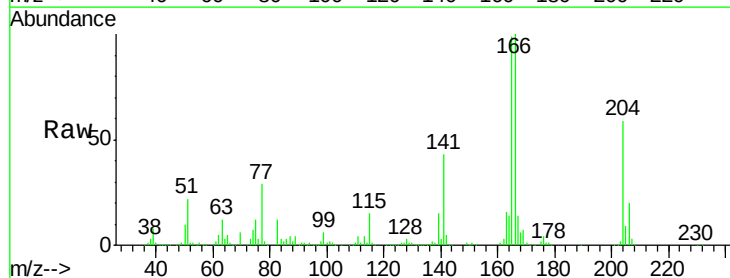
Manual Integrations
APPROVED

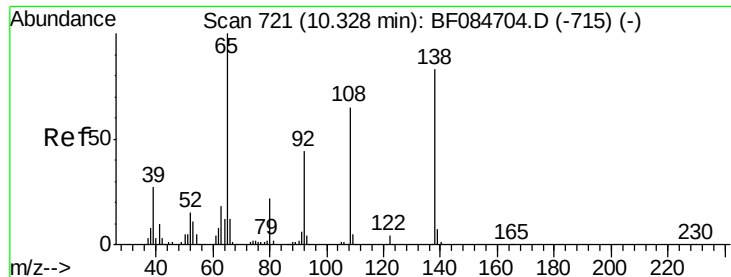
Sohil
2/12/2016 12:31:50 PM



#60
4-Chlorophenyl-phenylether
Concen: 50.90 ng
RT: 10.19 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF085046.D
Acq: 12 Feb 2016 7:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	32.9	25.7	38.5
141	72.8	55.1	82.7





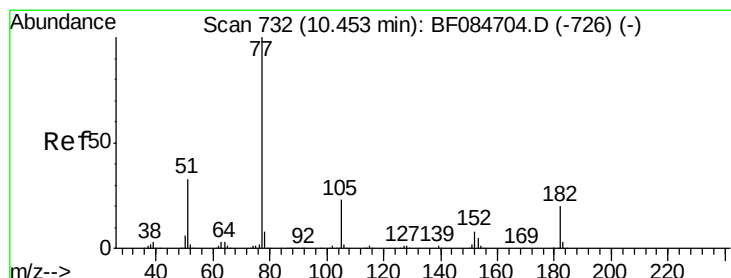
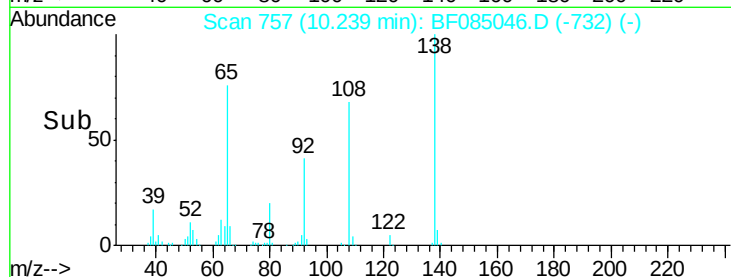
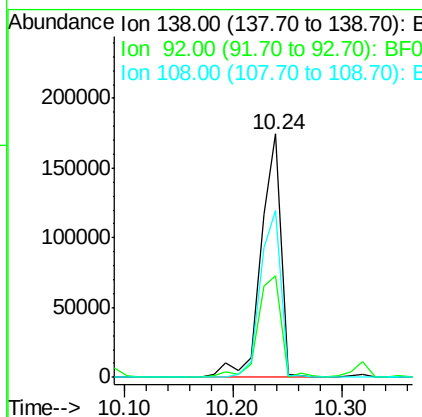
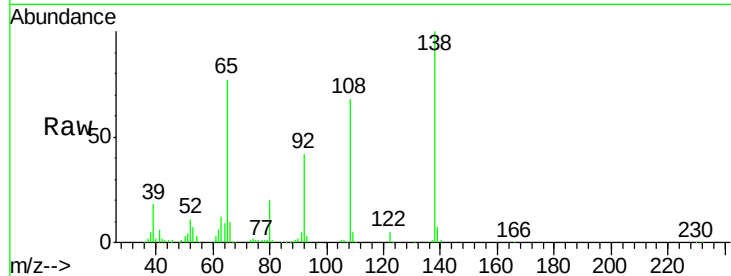
#61
4-Nitroaniline
Concen: 44.82 ng
RT: 10.24 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF085046.D
Acq: 12 Feb 2016 7:26

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	41.6	32.6	72.6
108	68.5	68.6	108.6#

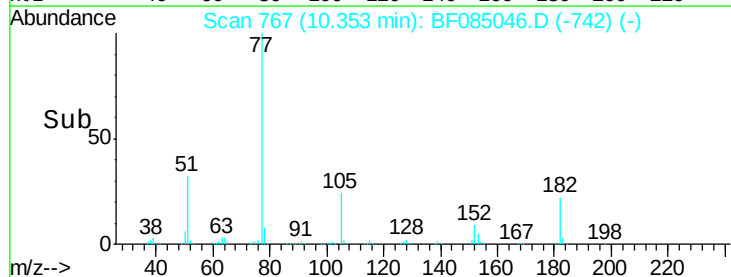
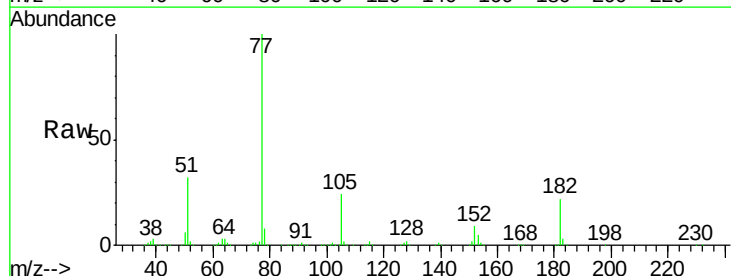
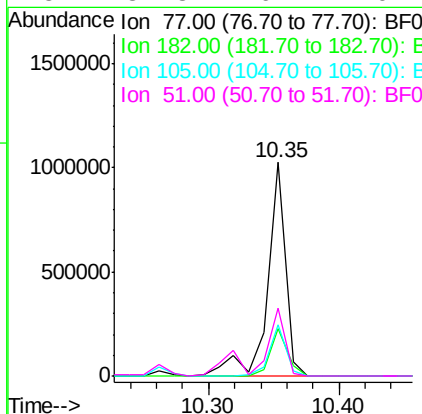
Manual Integrations
APPROVED

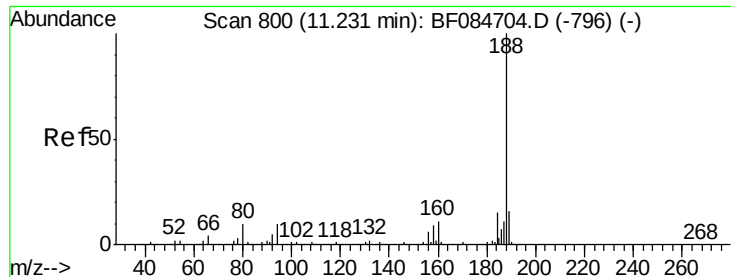
Sohil
2/12/2016 12:31:50 PM



#62
Azobenzene
Concen: 51.25 ng
RT: 10.35 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF085046.D
Acq: 12 Feb 2016 7:26

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.0	8.3	48.3
105	24.2	4.6	44.6
51	31.8	6.2	46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.13 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Instrument :

BNA_F

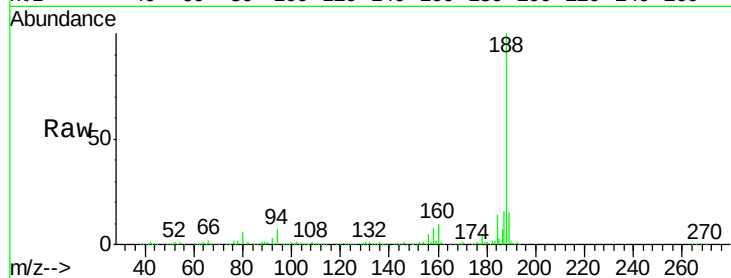
ClientSampleId :

WC-1MSD

Tgt Ion:	188	Resp:	519345
Ion Ratio	Lower	Upper	
188	100		
94	6.6	9.0	13.4#
80	6.1	9.6	14.4#

Manual Integrations
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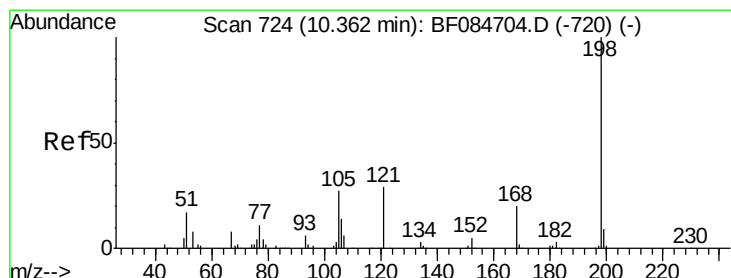
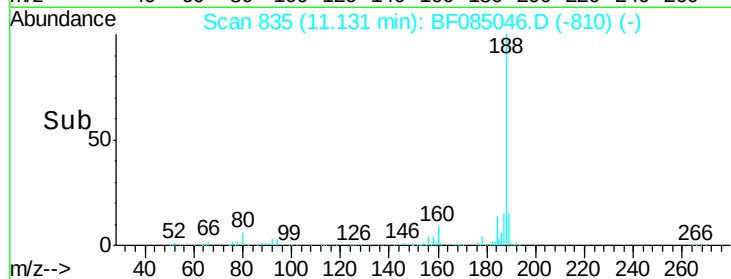
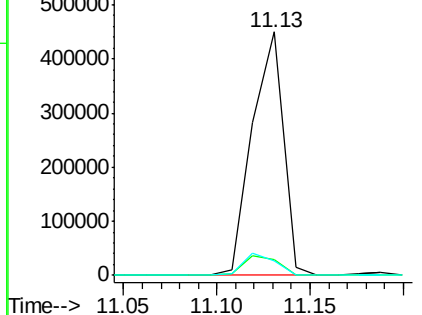
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 26.29 ng

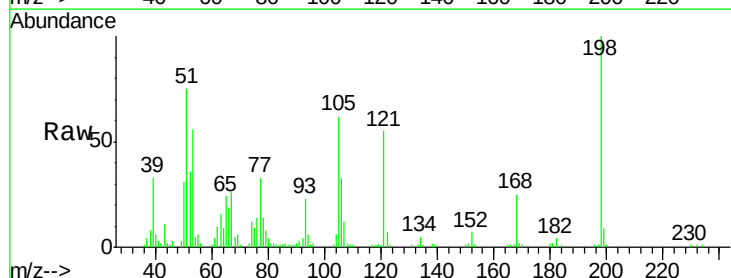
RT: 10.26 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

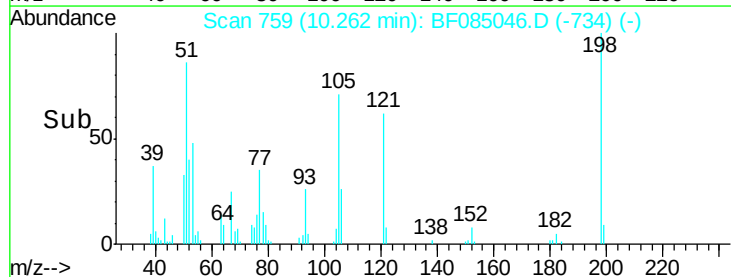
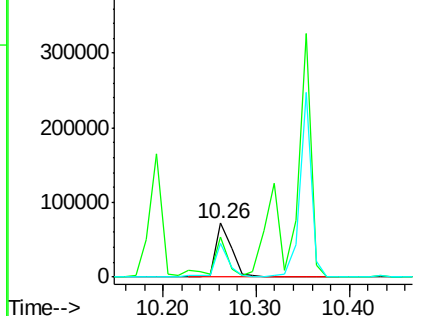
Tgt Ion:	198	Resp:	84260
Ion Ratio	Lower	Upper	
198	100		
51	75.3	18.9	58.9#
105	61.8	26.4	66.4

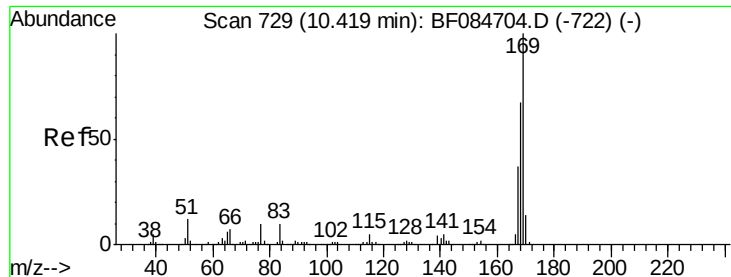


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 47.91 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Instrument :

BNA_F

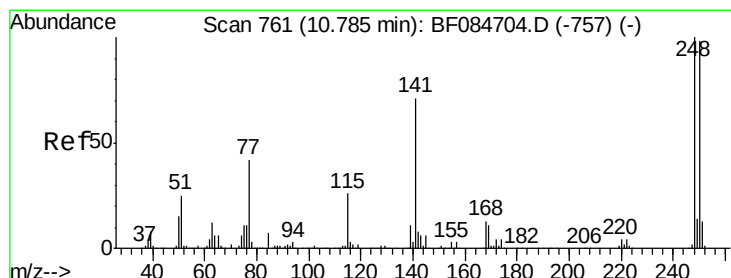
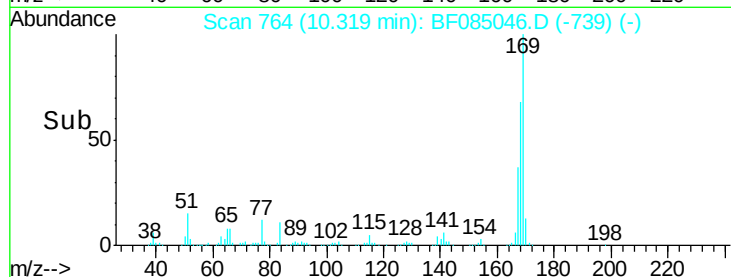
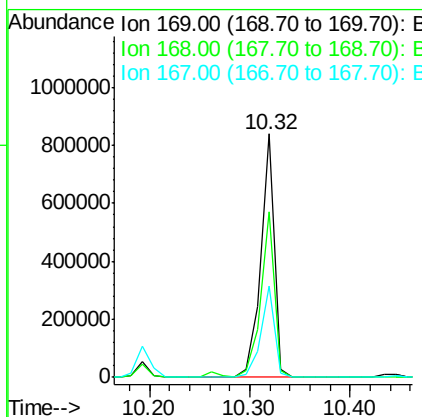
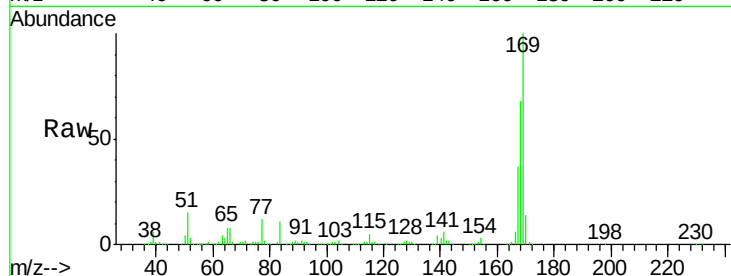
ClientSampled :

WC-1MSD

Tgt Ion:	169	Resp:	790013
Ion Ratio	Lower	Upper	
169	100		
168	68.2	55.1	82.7
167	37.3	30.0	45.0

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 47.70 ng

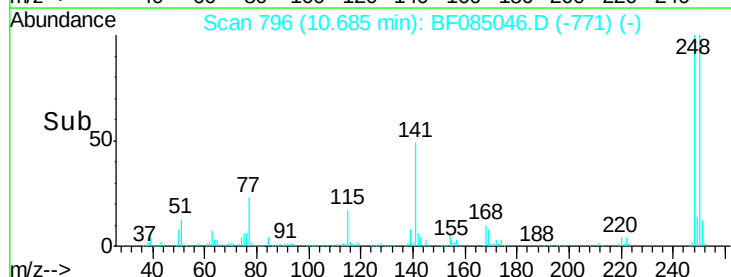
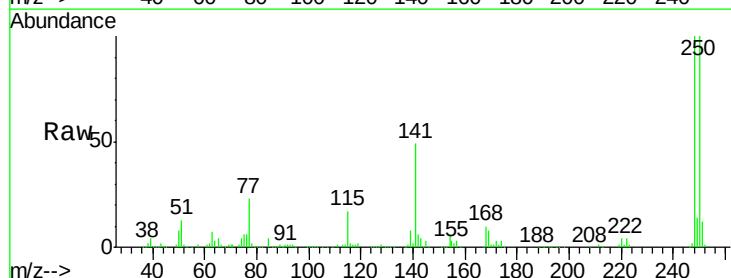
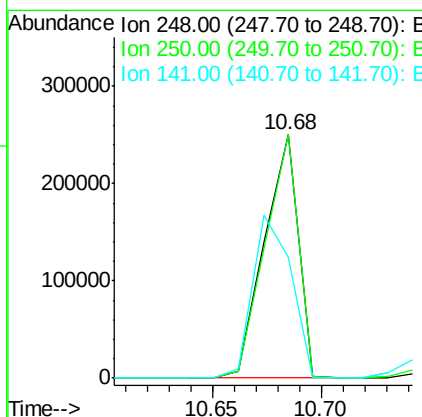
RT: 10.68 min Scan# 796

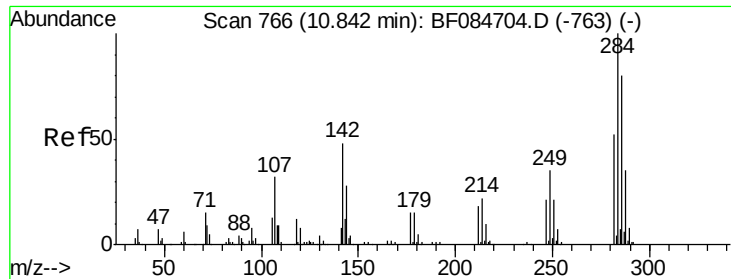
Delta R.T. -0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Tgt Ion:	248	Resp:	273627
Ion Ratio	Lower	Upper	
248	100		
250	99.9	78.4	117.6
141	49.5	44.0	66.0





#67

Hexachlorobenzene

Concen: 43.36 ng

RT: 10.74 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Instrument :

BNA_F

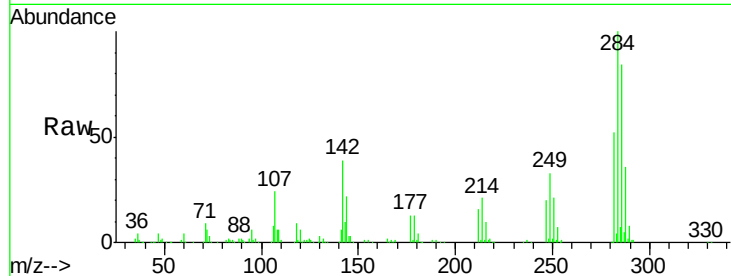
ClientSampled :

WC-1MSD

Tgt Ion:	284	Resp:	271029
Ion Ratio		Lower	Upper
284	100		
142	38.8	22.2	33.4#
249	32.9	24.6	37.0

Manual Integrations
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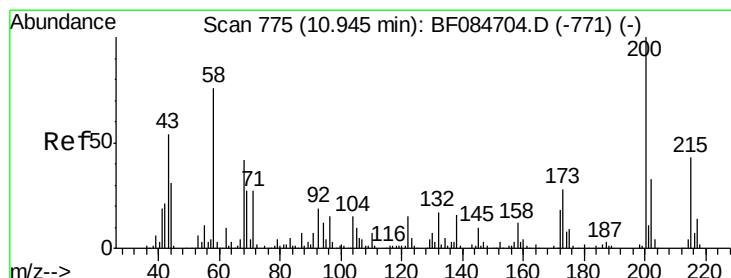
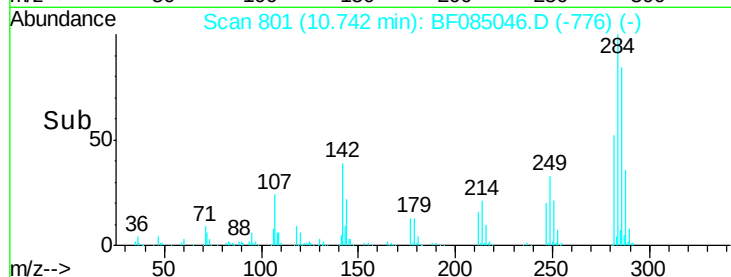
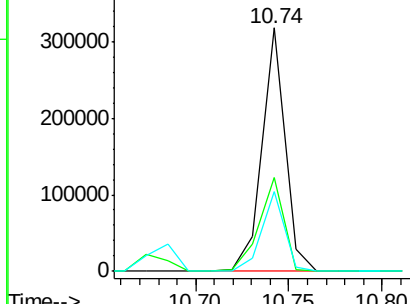
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 54.60 ng

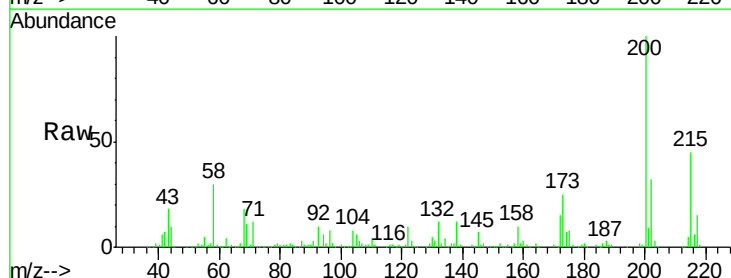
RT: 10.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

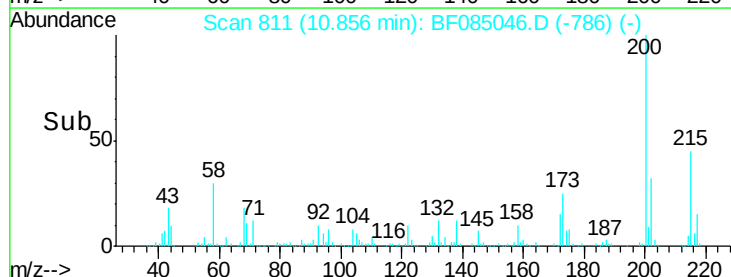
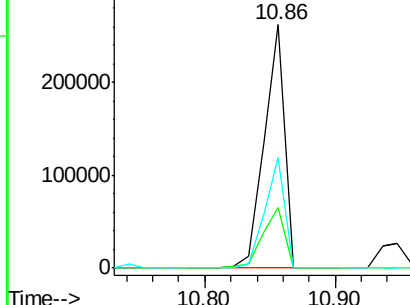
Tgt Ion:	200	Resp:	284320
Ion Ratio		Lower	Upper
200	100		
173	25.1	9.5	49.5
215	45.1	23.8	63.8

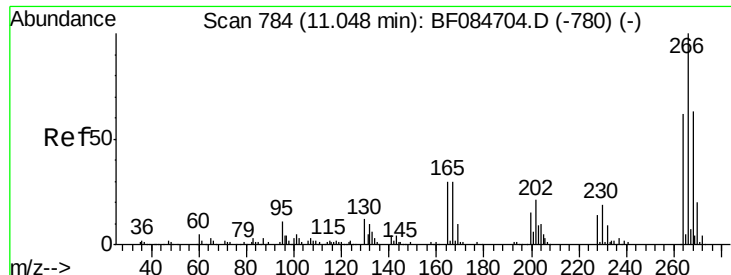


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





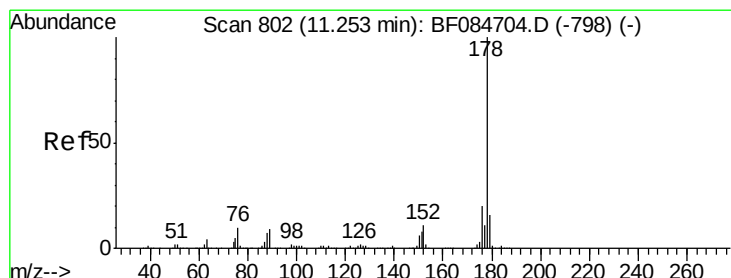
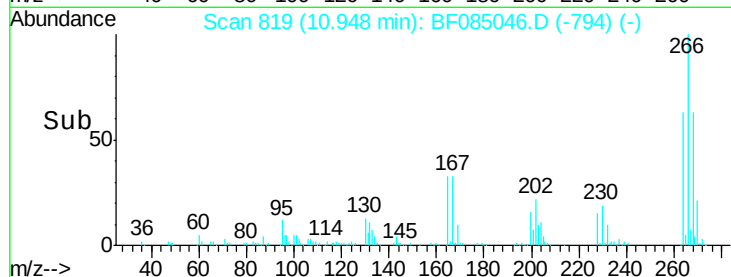
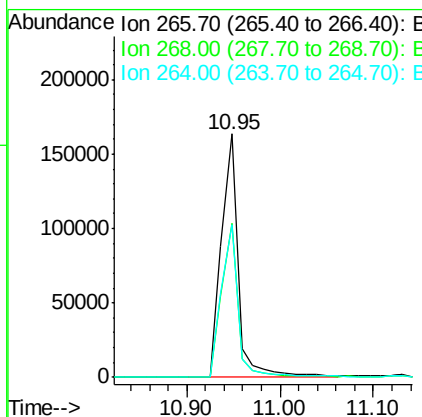
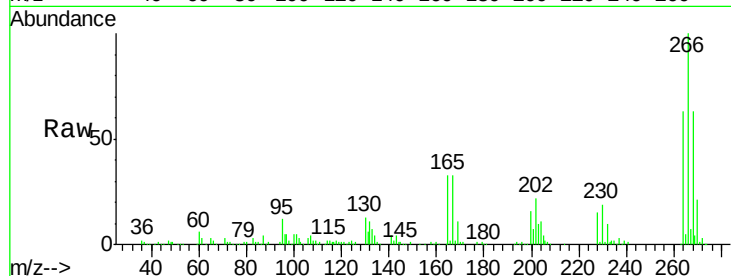
#69
 Pentachlorophenol
 Concen: 69.57 ng
 RT: 10.95 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF085046.D
 Acq: 12 Feb 2016 7:26

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	204360		
268	63.4	52.4	78.6	
264	62.7	50.2	75.2	

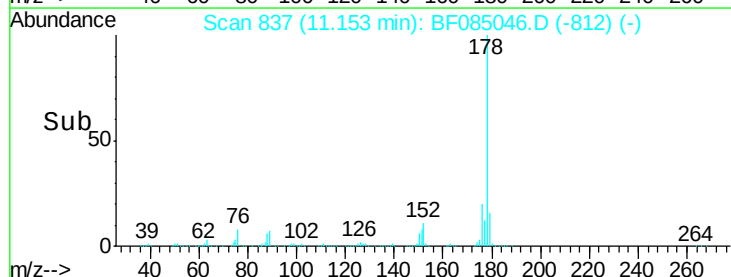
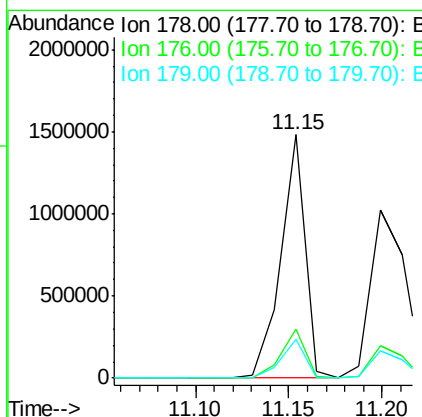
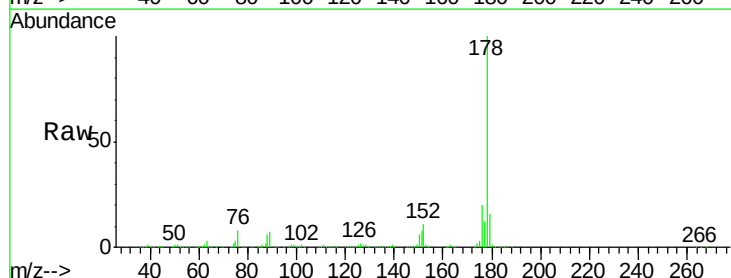
Manual Integrations
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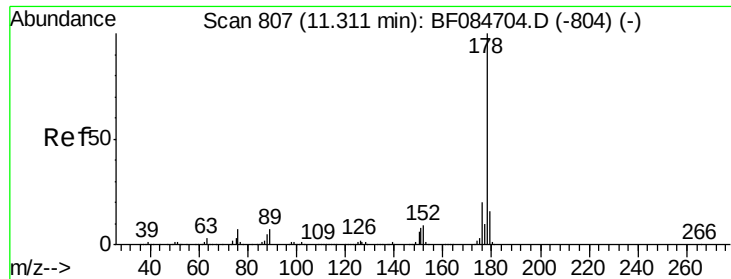
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#70
 Phenanthrene
 Concen: 46.75 ng
 RT: 11.15 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF085046.D
 Acq: 12 Feb 2016 7:26

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1346565		
176	20.2	15.3	22.9	
179	16.0	12.0	18.0	





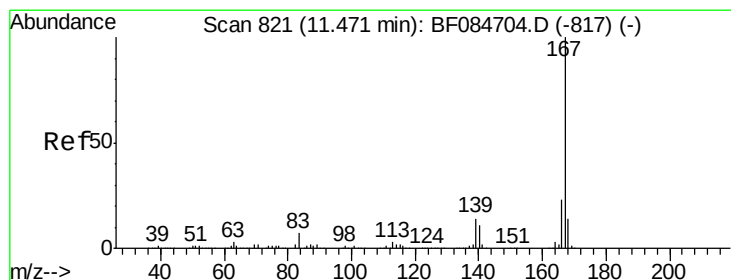
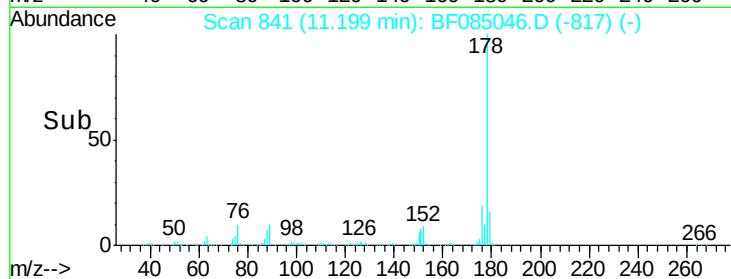
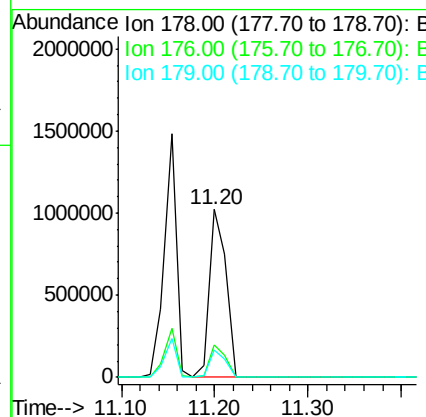
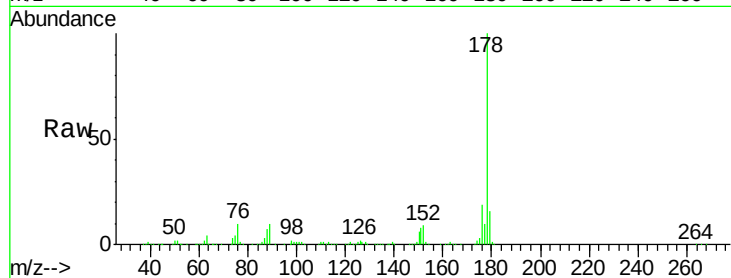
#71
 Anthracene
 Concen: 43.94 ng
 RT: 11.20 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BF085046.D
 Acq: 12 Feb 2016 7:26

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	16.3	12.5	18.7

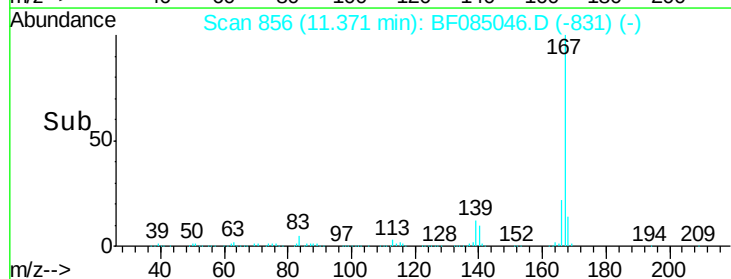
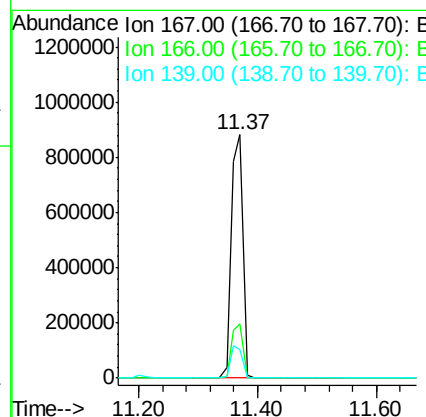
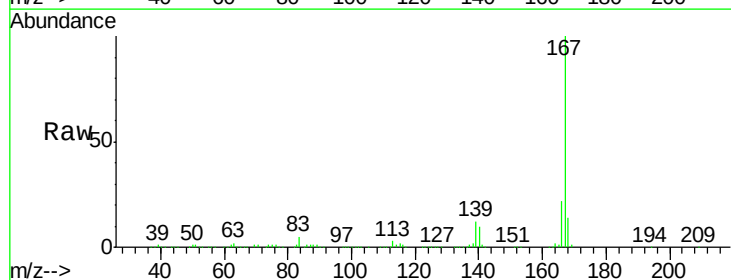
Manual Integrations
 APPROVED

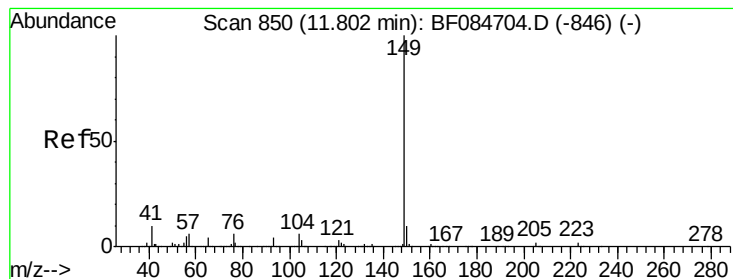
Sohil
 2/12/2016 12:31:50 PM



#72
 Carbazole
 Concen: 46.89 ng
 RT: 11.37 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BF085046.D
 Acq: 12 Feb 2016 7:26

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	11.8	11.8	17.8#





#73

Di-n-butylphthalate

Concen: 40.95 ng

RT: 11.70 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Instrument :

BNA_F

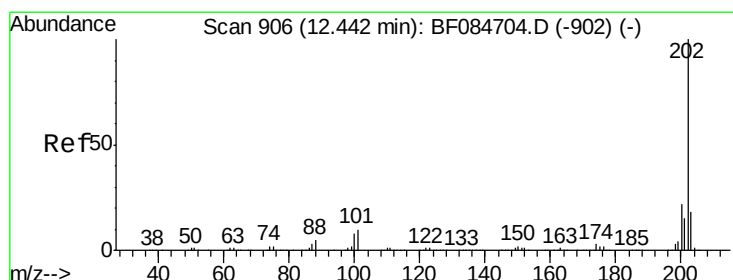
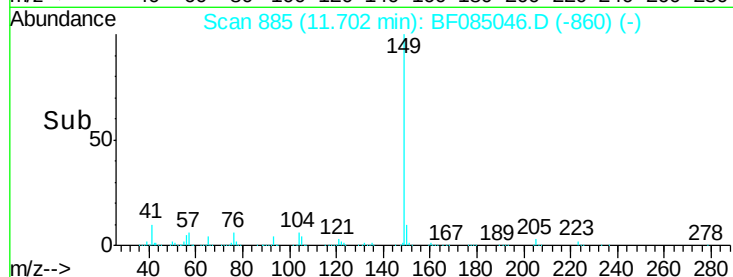
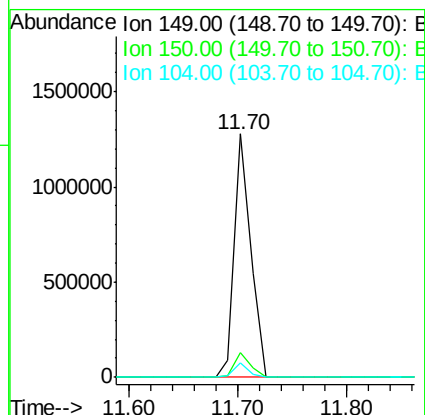
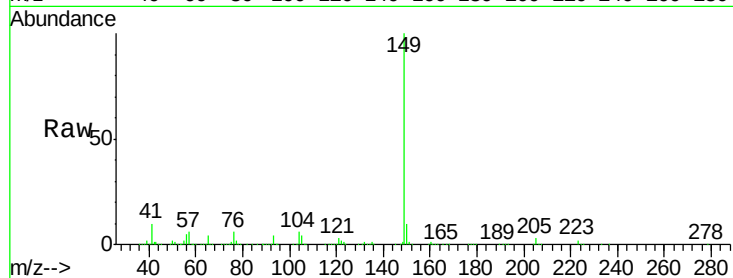
ClientSampleId :

WC-1MSD

Tgt Ion:	149	Resp:	1319558
Ion Ratio	Lower	Upper	
149	100		
150	9.9	7.1	10.7
104	5.7	3.2	4.8#

Manual Integrations
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#74

Fluoranthene

Concen: 39.41 ng

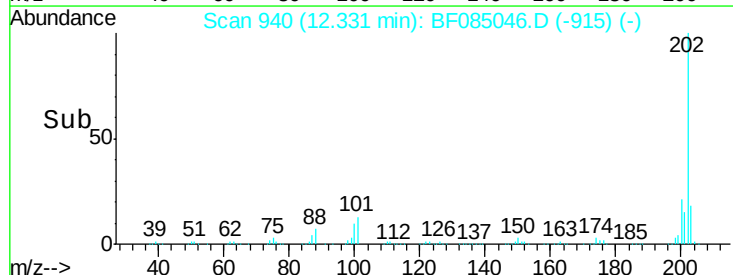
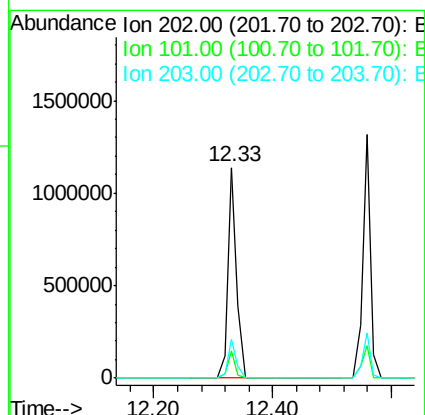
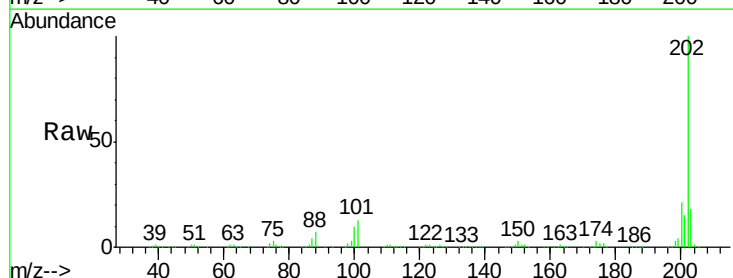
RT: 12.33 min Scan# 940

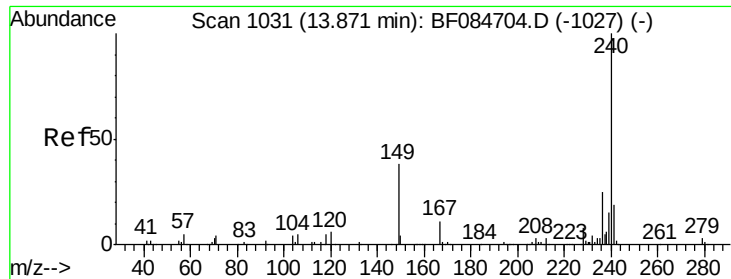
Delta R.T. -0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Tgt Ion:	202	Resp:	1149037
Ion Ratio	Lower	Upper	
202	100		
101	12.8	0.0	32.8
203	18.4	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Instrument :

BNA_F

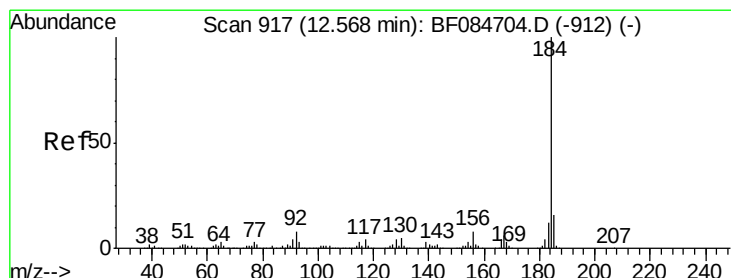
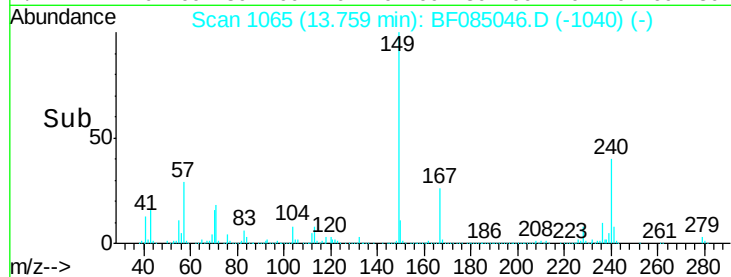
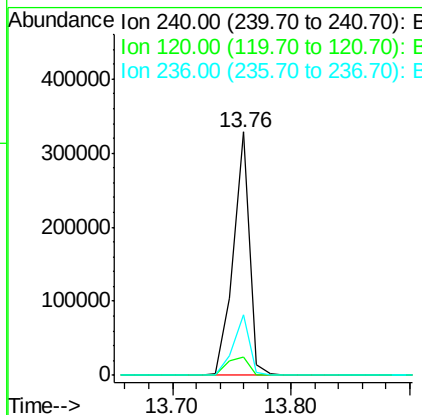
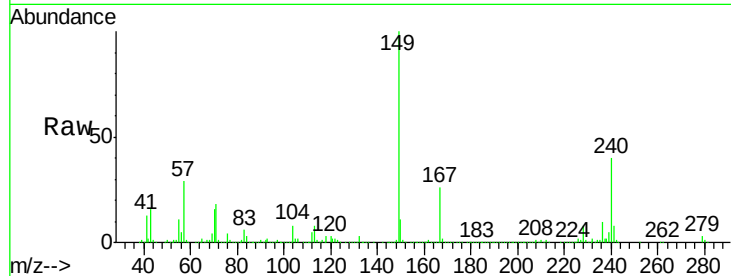
ClientSampleId :

WC-1MSD

Tgt Ion:240 Resp: 310323
 Ion Ratio Lower Upper
 240 100
 120 7.4 9.5 14.3#
 236 25.1 20.6 31.0

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#76

Benzidine

Concen: 12.38 ng

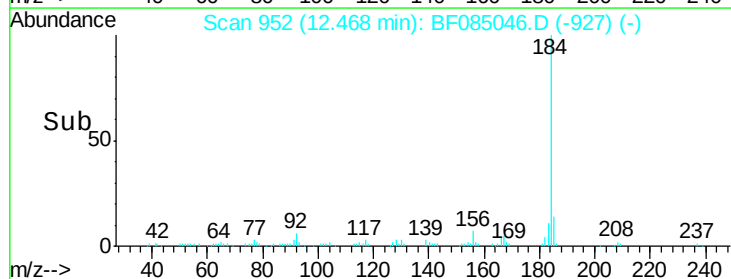
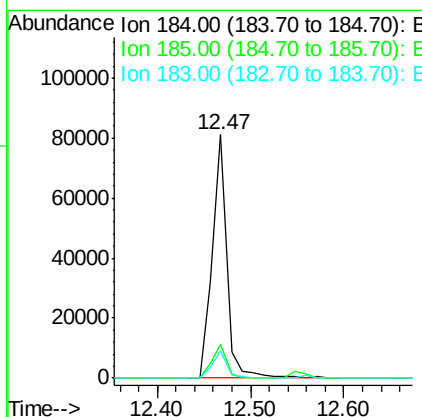
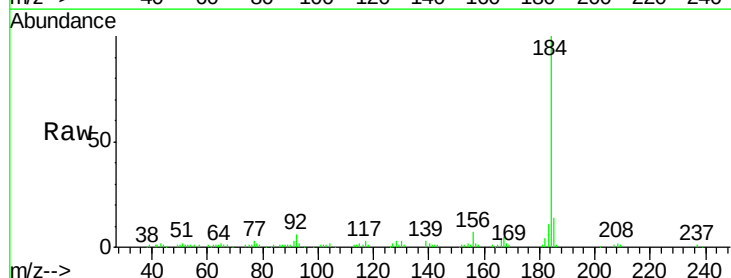
RT: 12.47 min Scan# 952

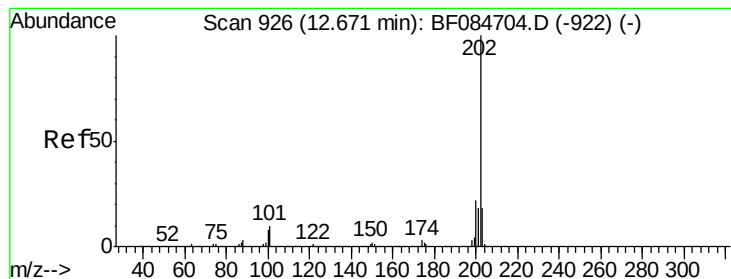
Delta R.T. -0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Tgt Ion:184 Resp: 87934
 Ion Ratio Lower Upper
 184 100
 185 13.7 12.2 18.2
 183 11.4 9.8 14.8





#77

Pyrene

Concen: 50.37 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion: 202 Resp: 1196759

Ion Ratio Lower Upper

202 100

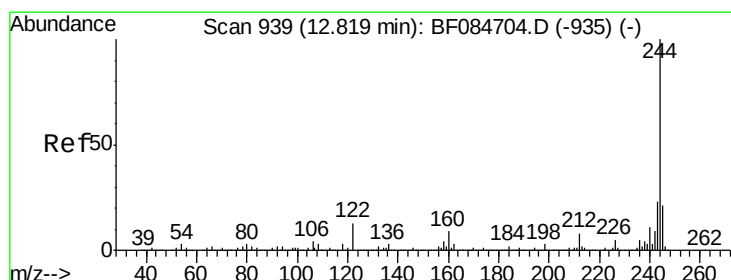
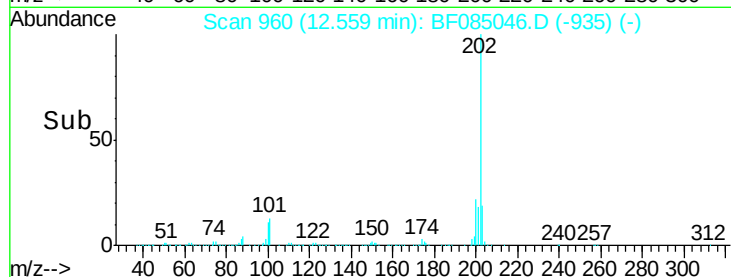
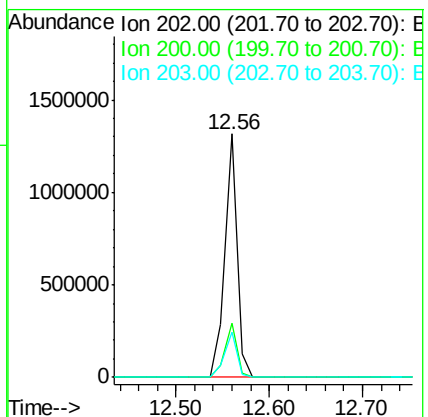
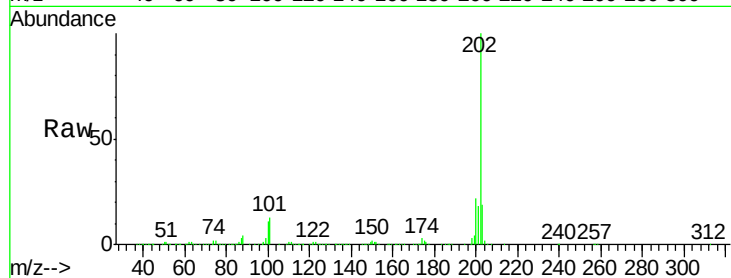
200 22.4 17.2 25.8

203 18.5 14.3 21.5

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#78

Terphenyl-d14

Concen: 119.67 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

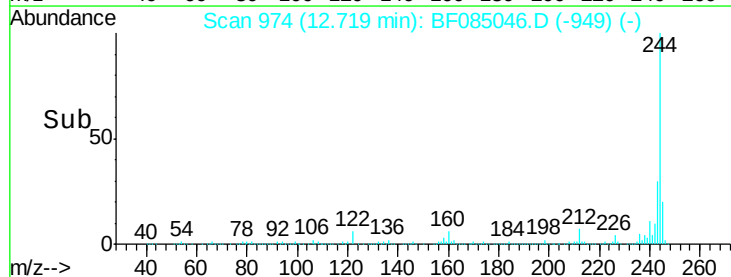
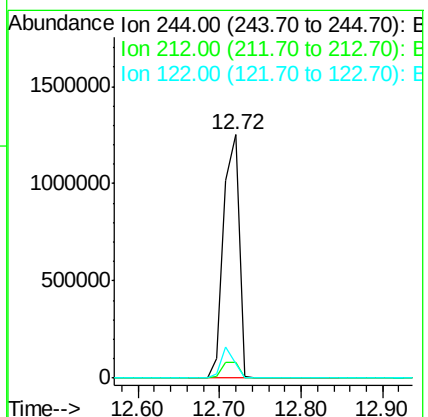
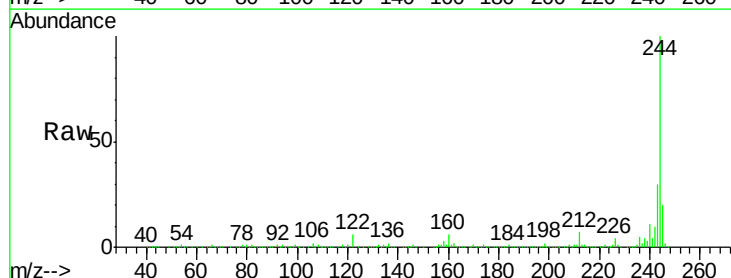
Tgt Ion: 244 Resp: 1638838

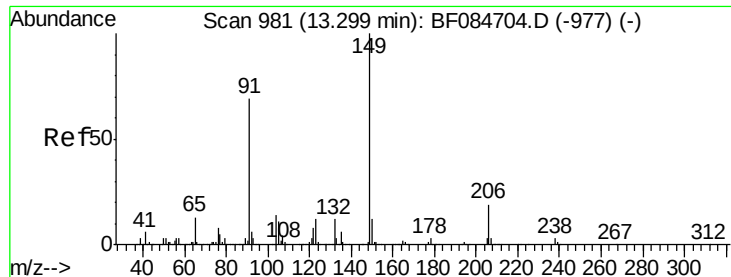
Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

122 6.1 7.4 11.0#





#79

Butylbenzylphthalate

Concen: 52.15 ng

RT: 13.20 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF085046.D

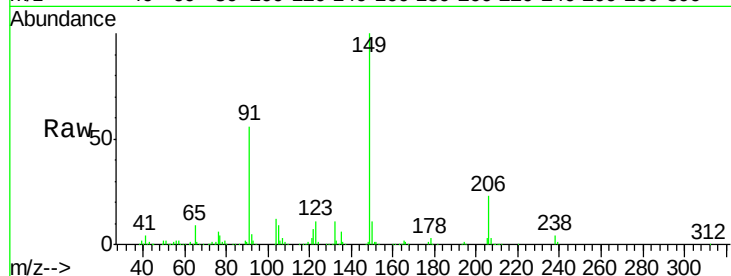
Acq: 12 Feb 2016 7:26

Instrument :

BNA_F

ClientSampled :

WC-1MSD



Tgt Ion:149 Resp: 562113

Ion Ratio Lower Upper

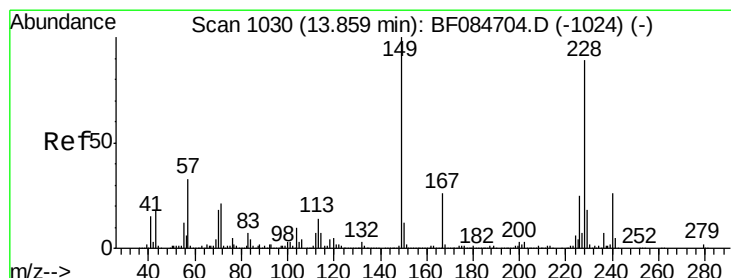
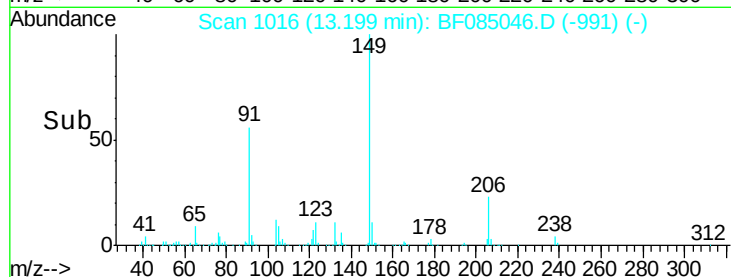
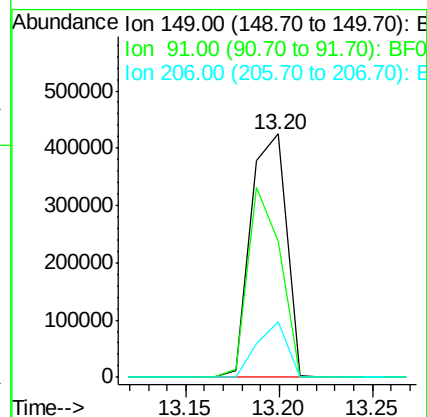
149 100

91 55.6 57.6 86.4#

206 22.8 13.2 19.8#

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#80

Benzo(a)anthracene

Concen: 48.57 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

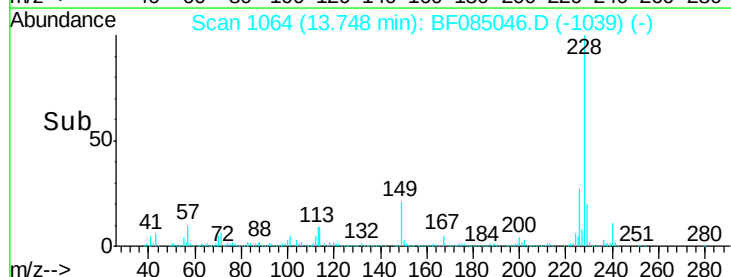
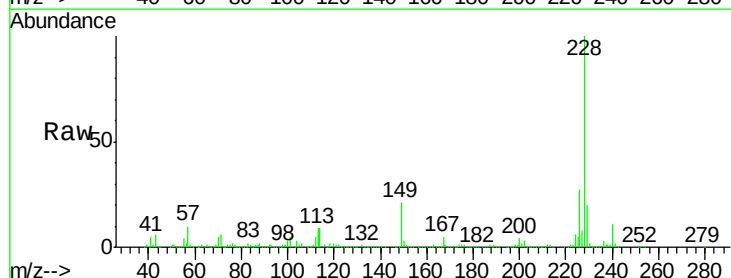
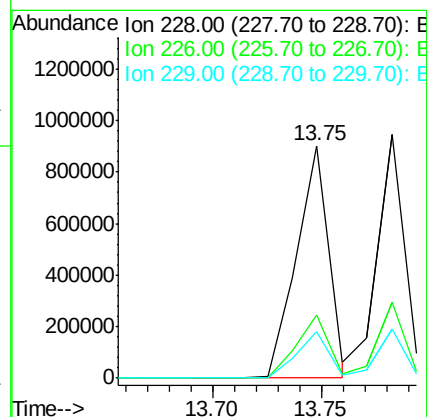
Tgt Ion:228 Resp: 935450

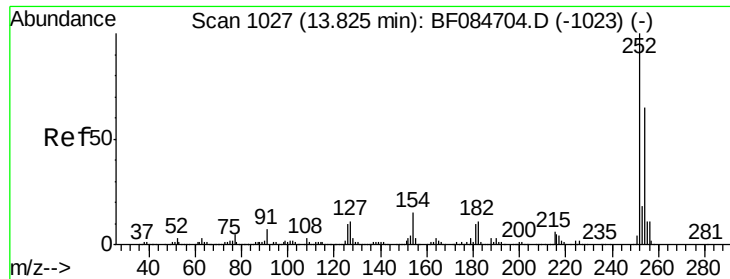
Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.6

229 20.2 15.8 23.8





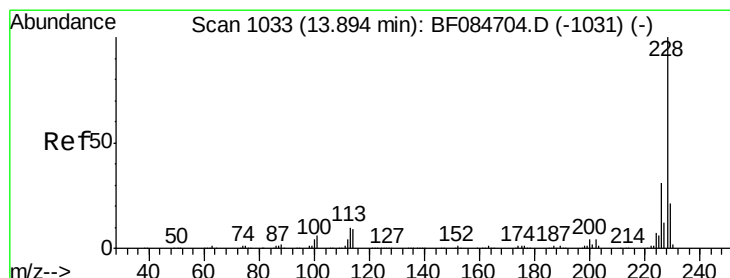
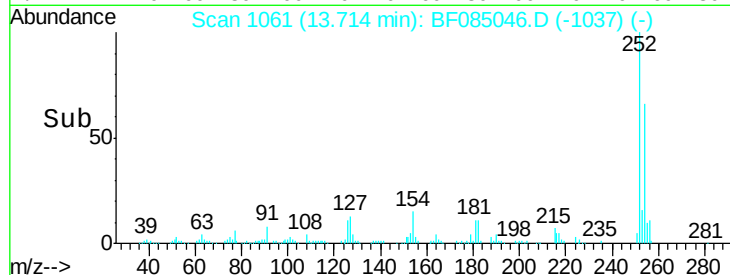
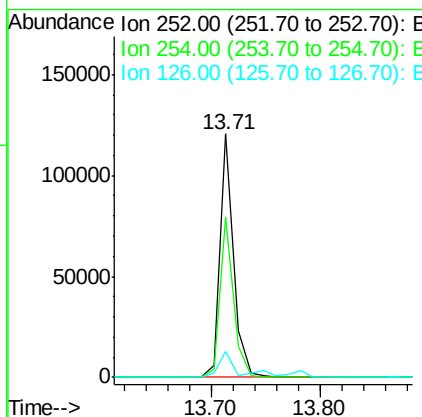
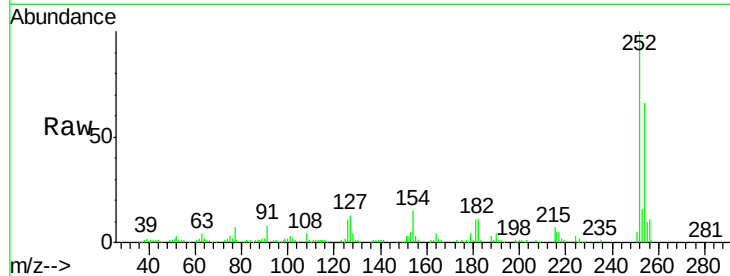
#81
 3,3'-Dichlorobenzidine
 Concen: 15.45 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BF085046.D
 Acq: 12 Feb 2016 7:26

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.8	53.5	80.3
126	10.9	4.9	7.3#

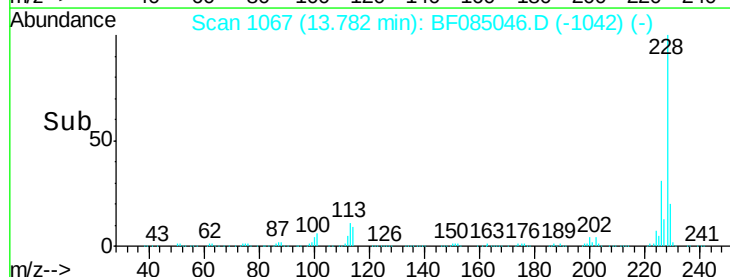
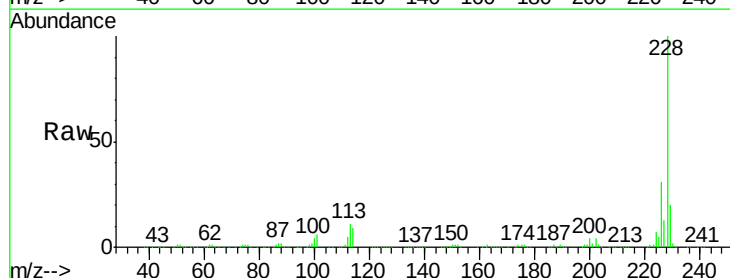
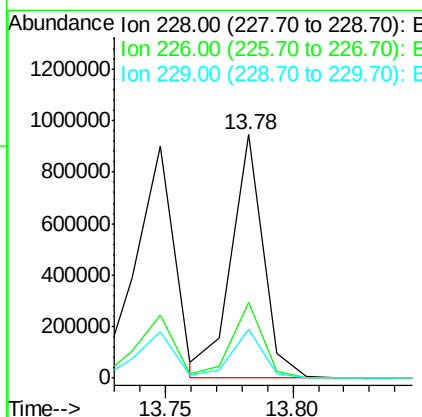
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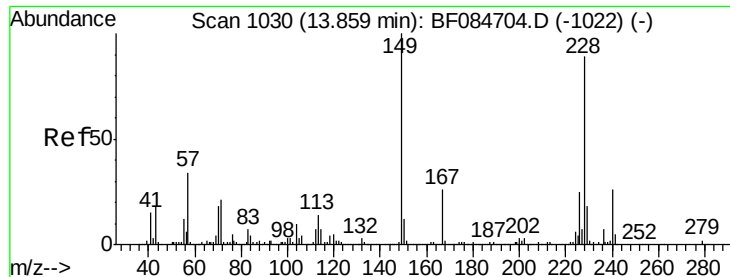
Sohil
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#82
 Chrysene
 Concen: 44.35 ng m
 RT: 13.78 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: BF085046.D
 Acq: 12 Feb 2016 7:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.2	24.3	36.5
229	20.2	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 54.49 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion:149 Resp: 730867
Ion Ratio Lower Upper

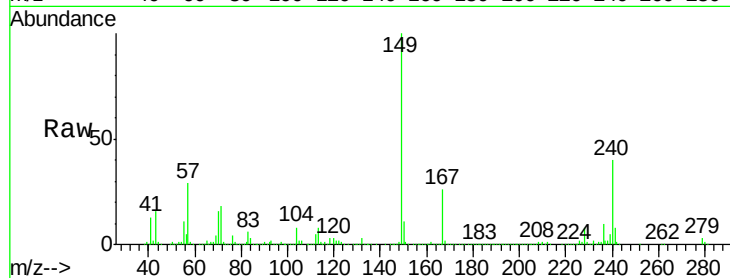
149 100

167 26.1 19.7 29.5

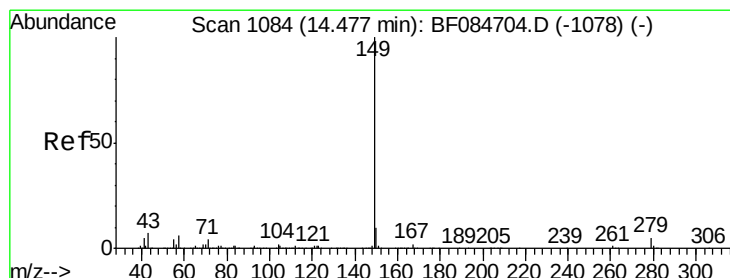
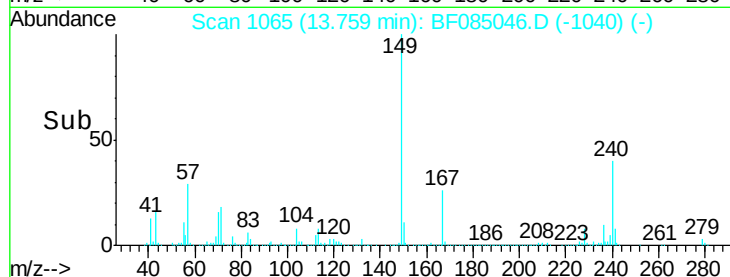
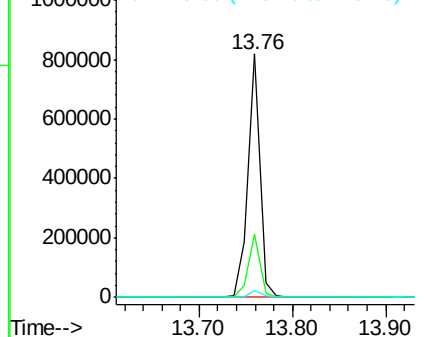
279 2.9 1.8 2.6#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.19 ng

RT: 14.37 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BF085046.D

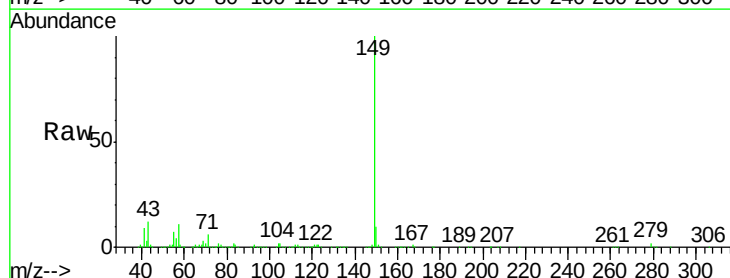
Acq: 12 Feb 2016 7:26

Tgt Ion:149 Resp: 1088559
Ion Ratio Lower Upper

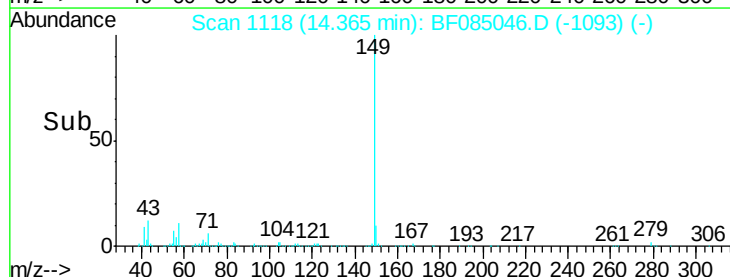
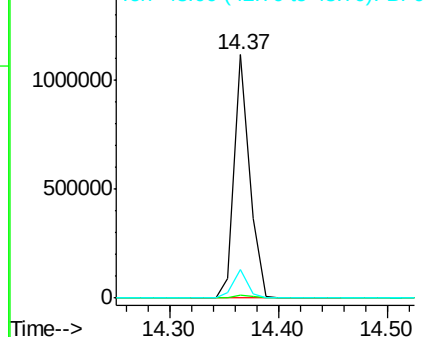
149 100

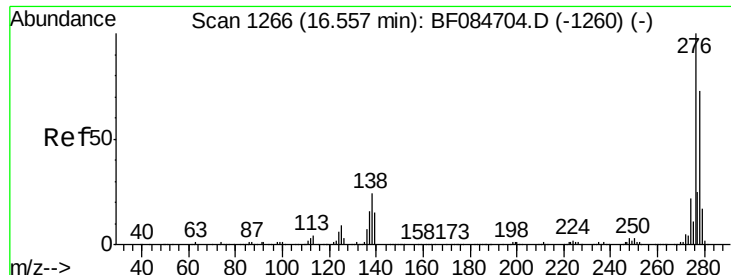
167 1.4 1.2 1.8

43 11.0 5.6 8.4#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





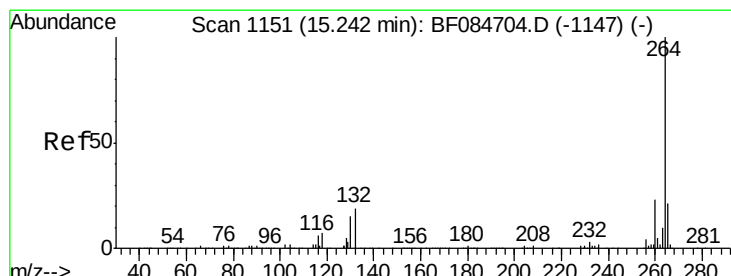
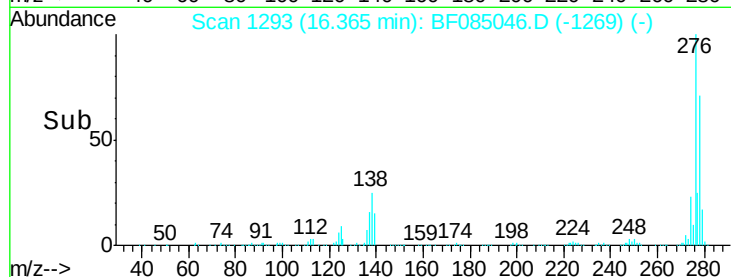
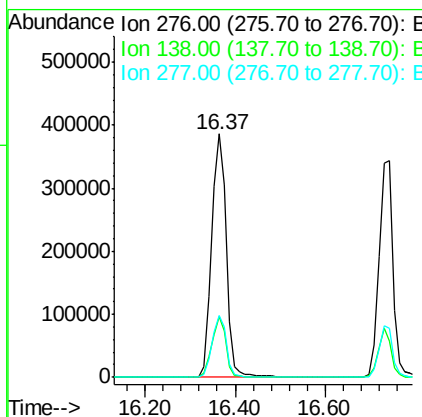
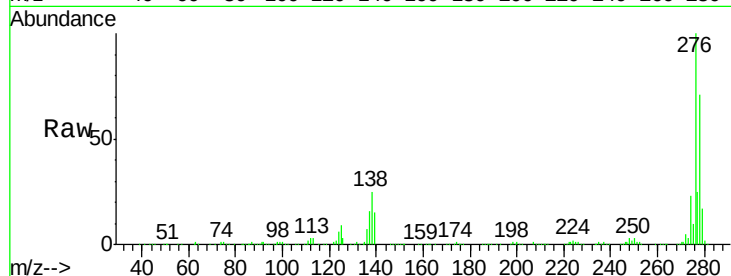
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 59.95 ng
 RT: 16.37 min Scan# 1293
 Delta R.T. -0.02 min
 Lab File: BF085046.D
 Acq: 12 Feb 2016 7:26

Instrument :
 BNA_F
 ClientSampleID :
 WC-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	881277		
138	23.9	20.6	30.8	
277	24.8	20.1	30.1	

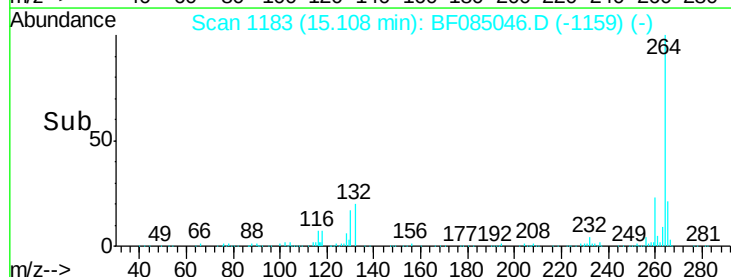
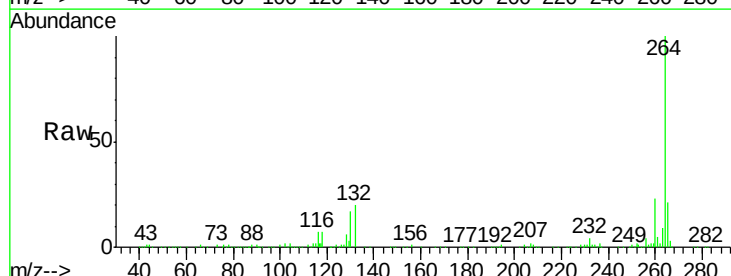
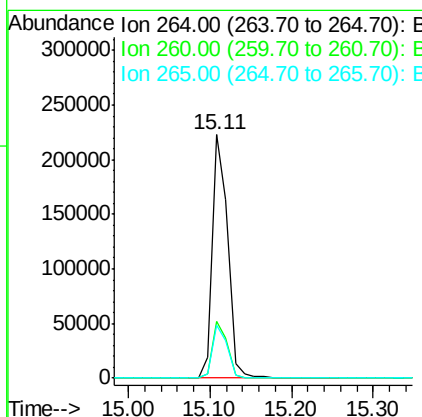
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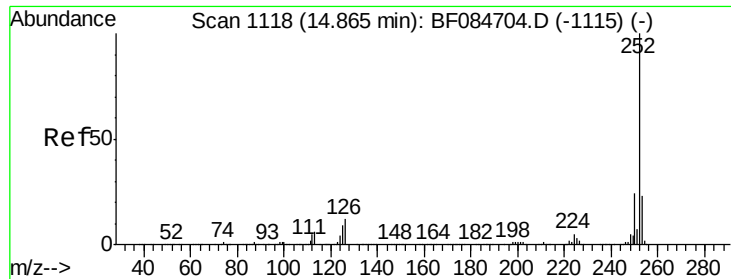
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 2/12/2016 12:31:50 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF085046.D
 Acq: 12 Feb 2016 7:26

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	293555		
260	23.4	19.4	29.2	
265	21.5	17.8	26.6	





#87

Benzo(b)fluoranthene

Concen: 52.41 ng m

RT: 14.75 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Instrument :

BNA_F

ClientSampled :

WC-1MSD

Tgt Ion:252 Resp: 1033776

Ion Ratio Lower Upper

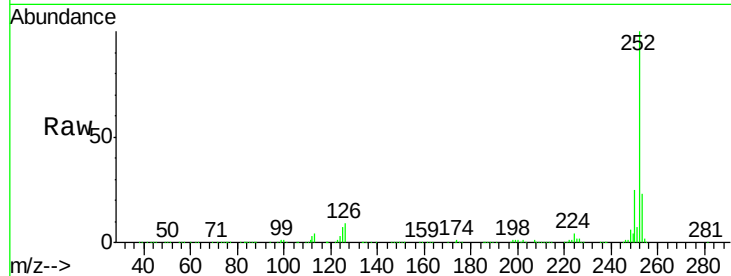
252 100

253 22.7 17.3 25.9

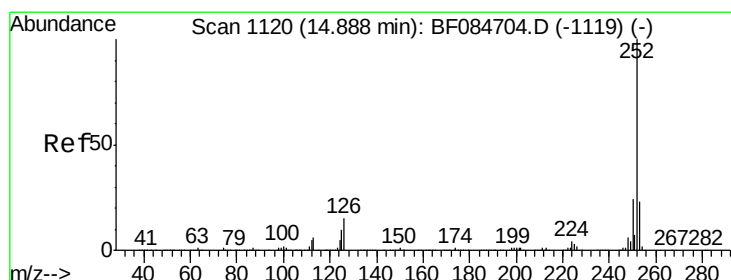
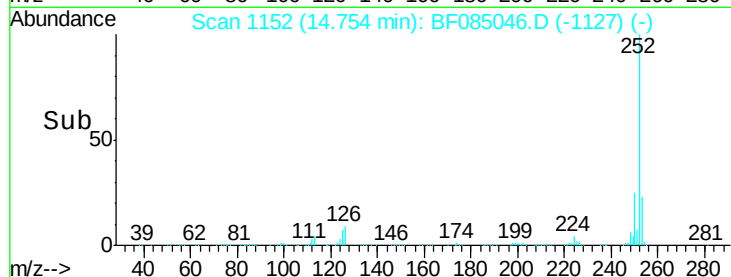
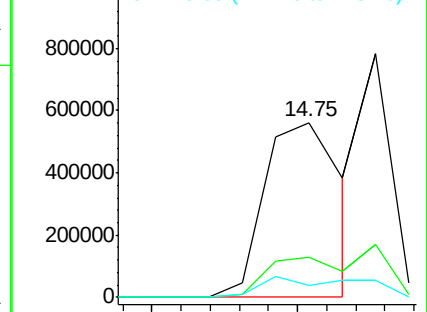
125 6.7 6.5 9.7

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 36.04 ng m

RT: 14.78 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Tgt Ion:252 Resp: 587821

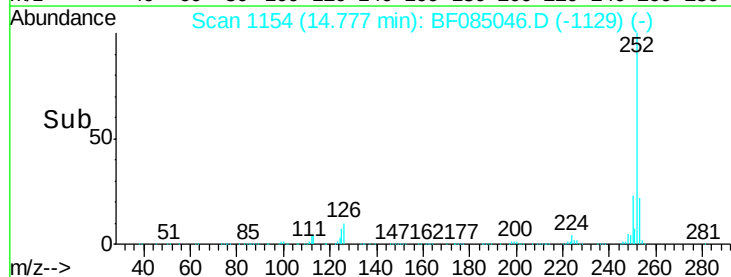
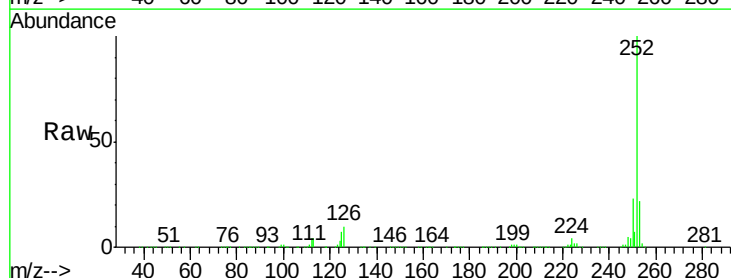
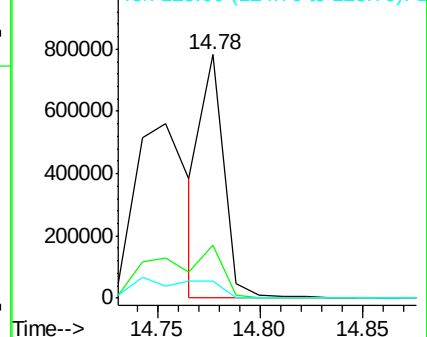
Ion Ratio Lower Upper

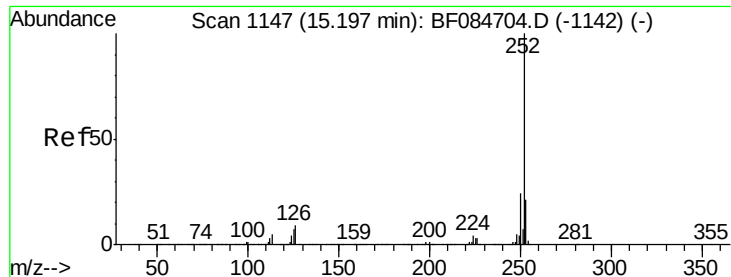
252 100

253 22.0 18.1 27.1

125 6.7 9.0 13.6#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





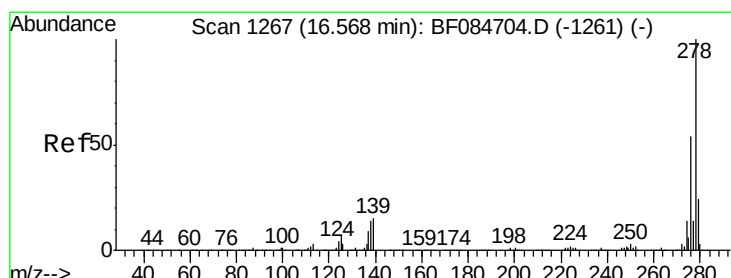
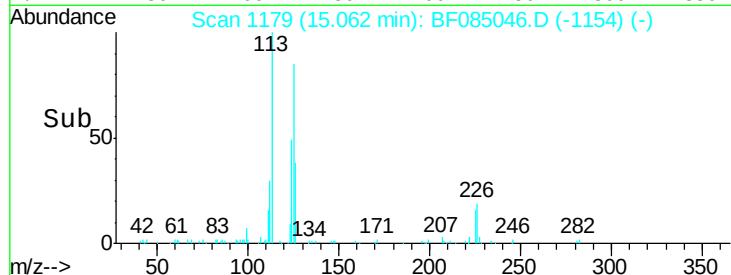
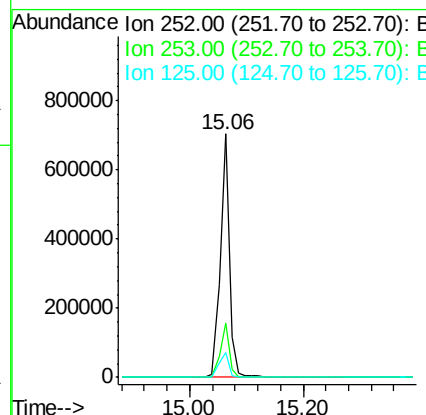
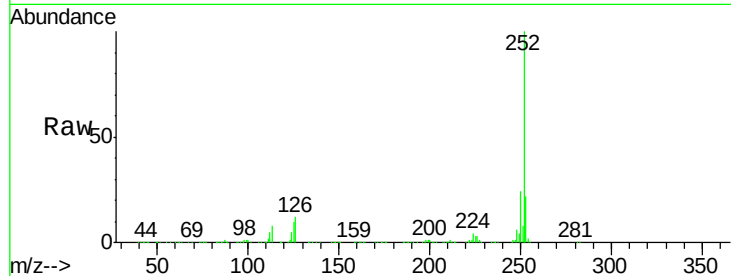
#89
Benzo(a)pyrene
Concen: 46.13 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF085046.D
Acq: 12 Feb 2016 7:26

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	775296		
253	22.2	17.3	25.9	
125	10.1	7.0	10.4	

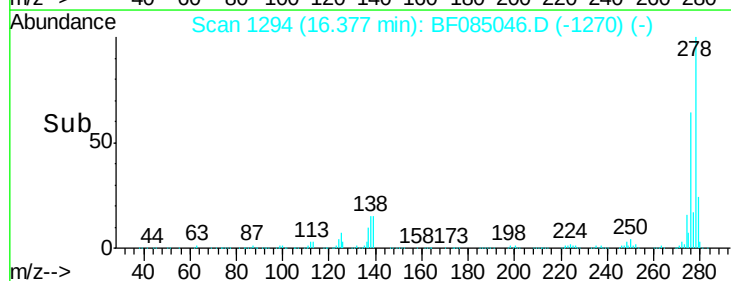
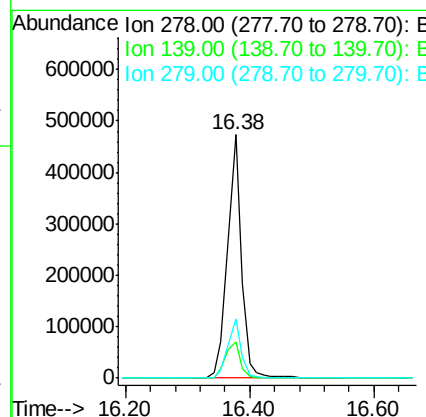
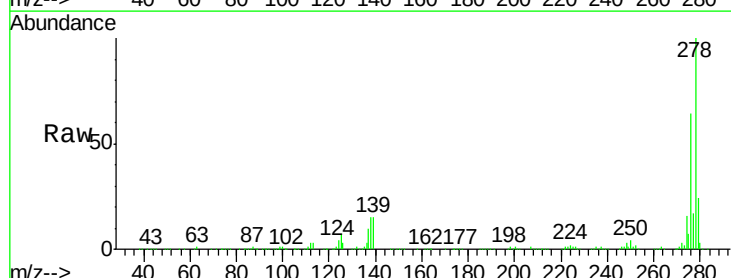
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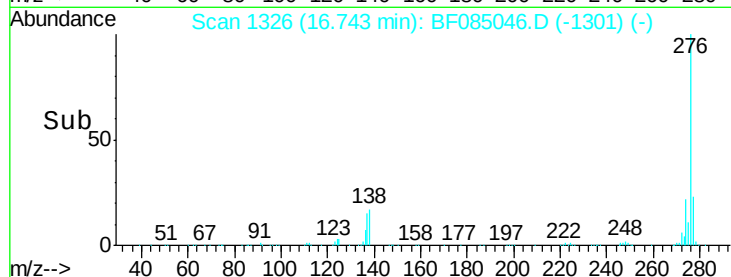
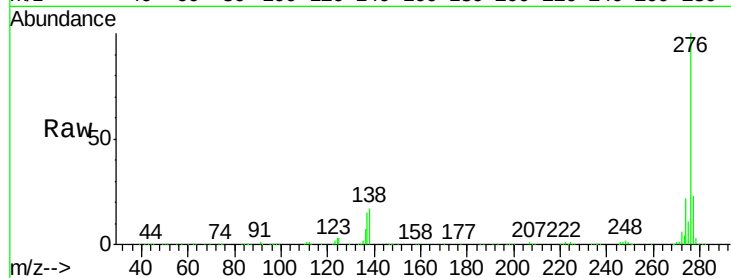
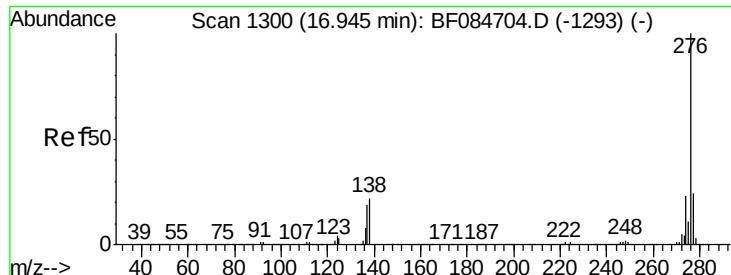
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2/12/2016 12:31:50 PM



#90
Dibenzo(a,h)anthracene
Concen: 52.25 ng
RT: 16.38 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BF085046.D
Acq: 12 Feb 2016 7:26

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	739185		
139	14.7	15.0	22.4#	
279	24.1	18.9	28.3	





#91

Benzo(g,h,i)perylene

Concen: 52.47 ng

RT: 16.74 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		747747		
277	22.9	18.8	28.2		
138	17.0	17.8	26.6#		

Manual Integrations
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