

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021216\
 Data File : BF085045.D
 Acq On : 12 Feb 2016 6:58
 Operator : SJ/IZ
 Sample : H1361-03MS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

Manual Integrations
 APPROVED

Sohil
 2/12/2016 12:31:47 PM

Quant Time: Feb 12 10:05:30 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	143509	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	585049	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	281361	20.00	ng	-0.02
63) Phenanthrene-d10	11.13	188	525127	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	314845	20.00	ng	-0.01
86) Perylene-d12	15.11	264	288870	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1109381	120.41	ng	0.01
7) Phenol-d6	6.27	99	1391402	121.82	ng	-0.01
23) Nitrobenzene-d5	7.19	82	974670	93.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	423785	144.40	ng	-0.01
44) 2-Fluorobiphenyl	8.98	172	1646621	108.67	ng	-0.01
78) Terphenyl-d14	12.72	244	1711709	123.20	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.22	88	157395	39.00	ng	# 67
3) Pyridine	2.82	79	351334	33.41	ng	# 74
4) n-Nitrosodimethylamine	2.76	42	226327	41.62	ng	# 82
6) Aniline	6.27	93	283867	20.31	ng	# 76
8) 2-Chlorophenol	6.40	128	494159	47.38	ng	93
9) Benzaldehyde	6.16	77	84772	12.57	ng	83
10) Phenol	6.28	94	491939	38.45	ng	97
11) bis(2-Chloroethyl)ether	6.36	93	475636	47.67	ng	94
12) 1,3-Dichlorobenzene	6.55	146	461963	41.93	ng	# 95
13) 1,4-Dichlorobenzene	6.63	146	494828	44.92	ng	95
14) 1,2-Dichlorobenzene	6.78	146	414857	40.44	ng	93
15) Benzyl Alcohol	6.78	79	404140	51.24	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	716604	42.69	ng	74
17) 2-Methylphenol	6.89	107	373720	45.31	ng	# 91
18) Hexachloroethane	7.12	117	185477	43.73	ng	97
19) n-Nitroso-di-n-propylamine	7.04	70	355501	49.65	ng	# 72
20) 3+4-Methylphenols	7.05	107	491658	48.03	ng	87
22) Acetophenone	7.04	105	709917	46.04	ng	# 95
24) Nitrobenzene	7.21	77	509717	45.83	ng	# 85
25) Isophorone	7.45	82	962795	47.68	ng	99
26) 2-Nitrophenol	7.52	139	246019	44.85	ng	# 82
27) 2,4-Dimethylphenol	7.58	122	435746	45.67	ng	96
28) bis(2-Chloroethoxy)methane	7.67	93	614385	51.28	ng	98
29) 2,4-Dichlorophenol	7.77	162	420498	51.51	ng	99
30) 1,2,4-Trichlorobenzene	7.84	180	411610	44.64	ng	98
31) Naphthalene	7.92	128	1338568	45.61	ng	100
32) Benzoic acid	7.69	122	72931	11.95	ng	93
33) 4-Chloroaniline	7.98	127	183800	15.14	ng	96
34) Hexachlorobutadiene	8.04	225	245625	46.20	ng	96
35) Caprolactam	8.36	113	97235m	38.64	ng	
36) 4-Chloro-3-methylphenol	8.48	107	457358	49.11	ng	93
37) 2-Methylnaphthalene	8.62	142	988865	53.84	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	362969	40.62	ng	99
40) Hexachlorocyclopentadiene	8.76	237	264603	70.51	ng	97

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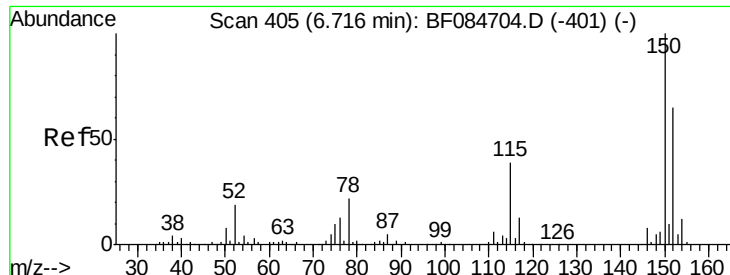
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	276972	48.11	ng	96
43) 2,4,5-Trichlorophenol	8.95	196	264696	45.25	ng #	84
45) 1,1'-Biphenyl	9.08	154	1154972	45.96	ng	95
46) 2-Chloronaphthalene	9.10	162	810073	43.77	ng	96
47) 2-Nitroaniline	9.21	65	307228	52.43	ng #	74
48) Acenaphthylene	9.51	152	1236171	44.02	ng	98
49) Dimethylphthalate	9.39	163	959390	44.77	ng #	90
50) 2,6-Dinitrotoluene	9.45	165	196932	42.07	ng #	47
51) Acenaphthene	9.68	154	802218	43.91	ng	98
52) 3-Nitroaniline	9.62	138	146349	27.82	ng #	75
53) 2,4-Dinitrophenol	9.74	184	55830	29.77	ng	86
54) Dibenzofuran	9.85	168	1144467	51.25	ng #	90
55) 4-Nitrophenol	9.80	139	220317	56.99	ng #	75
56) 2,4-Dinitrotoluene	9.86	165	308477	51.66	ng #	82
57) Fluorene	10.19	166	852078	45.69	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	223068	50.10	ng #	86
59) Diethylphthalate	10.09	149	936241	44.74	ng	99
60) 4-Chlorophenyl-phenylether	10.19	204	401521	52.45	ng	96
61) 4-Nitroaniline	10.24	138	249067	48.59	ng	90
62) Azobenzene	10.35	77	1065402	52.95	ng	91
64) 4,6-Dinitro-2-methylphenol	10.26	198	69892	21.56	ng #	45
65) n-Nitrosodiphenylamine	10.32	169	821340	49.26	ng	99
66) 4-Bromophenyl-phenylether	10.68	248	289006	49.83	ng	94
67) Hexachlorobenzene	10.74	284	276130	43.69	ng #	86
68) Atrazine	10.86	200	304085	57.75	ng	97
69) Pentachlorophenol	10.95	266	194440	65.47	ng	98
70) Phenanthrene	11.15	178	1344887	46.18	ng	97
71) Anthracene	11.20	178	1347472	45.91	ng	99
72) Carbazole	11.37	167	1261115	49.28	ng	98
73) Di-n-butylphthalate	11.70	149	1398825	42.93	ng #	96
74) Fluoranthene	12.33	202	1214200	41.19	ng	99
76) Benzidine	12.47	184	304638	27.66	ng	97
77) Pyrene	12.56	202	1249393	51.83	ng	98
79) Butylbenzylphthalate	13.20	149	589471	53.90	ng #	84
80) Benzo(a)anthracene	13.75	228	966706	49.47	ng	99
81) 3,3'-Dichlorobenzidine	13.71	252	121313	17.53	ng #	95
82) Chrysene	13.78	228	839741m	44.32	ng	
83) Bis(2-ethylhexyl)phthalate	13.76	149	743441	54.63	ng #	97
84) Di-n-octyl phthalate	14.37	149	1108897	49.39	ng #	89
85) Indeno(1,2,3-cd)pyrene	16.37	276	920544	61.72	ng	98
87) Benzo(b)fluoranthene	14.74	252	1054920m	54.35	ng	
88) Benzo(k)fluoranthene	14.78	252	621008m	38.70	ng	
89) Benzo(a)pyrene	15.06	252	810340	49.00	ng	98
90) Dibenzo(a,h)anthracene	16.38	278	763524	54.85	ng	96
91) Benzo(g,h,i)perylene	16.74	276	784748	55.96	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.02 min

Lab File: BF085045.D

Acq: 12 Feb 2016 6:58

Instrument :

BNA_F

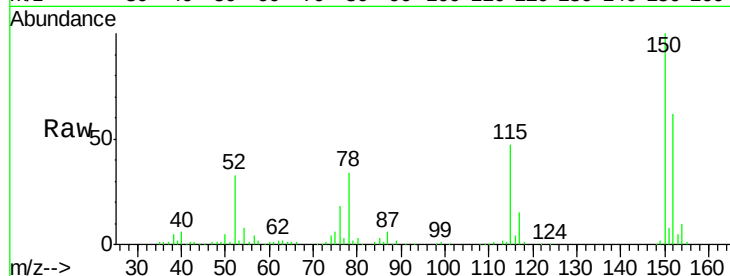
ClientSampleId :

WC-1MS

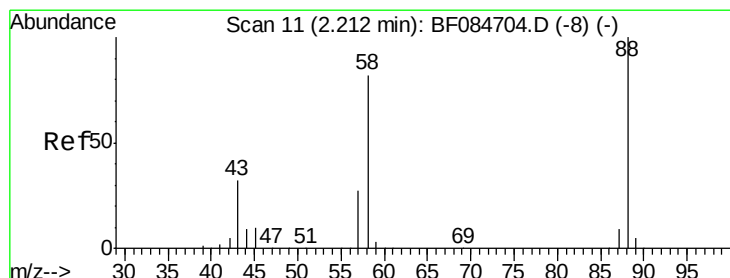
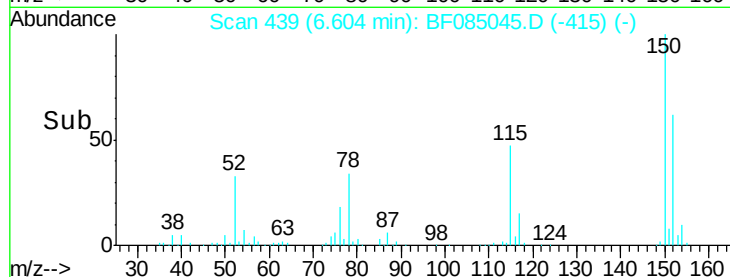
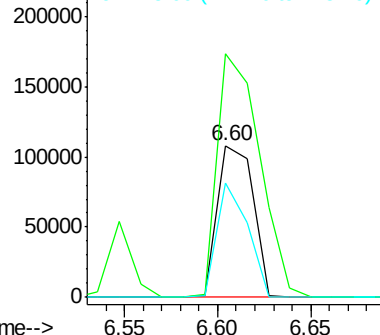
Tgt Ion:	152	Resp:	143509
Ion Ratio	Lower	Upper	
152	100		
150	160.1	123.0	184.4
115	75.6	51.4	77.2

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



#2

1,4-Dioxane

Concen: 39.00 ng

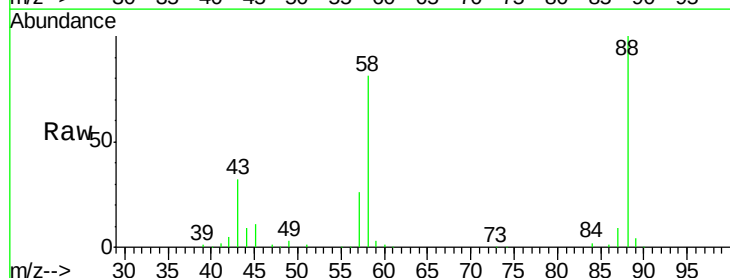
RT: 2.22 min Scan# 55

Delta R.T. 0.14 min

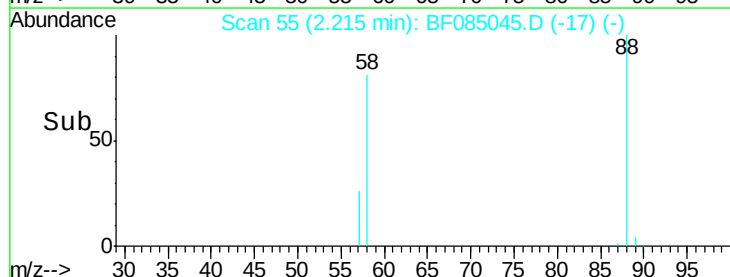
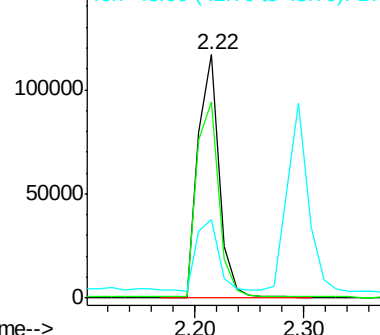
Lab File: BF085045.D

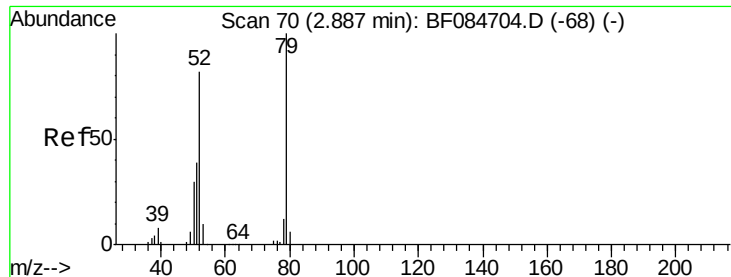
Acq: 12 Feb 2016 6:58

Tgt Ion:	88	Resp:	157395
Ion Ratio	Lower	Upper	
88	100		
58	84.6	51.2	76.8#
43	0.0	19.5	29.3#



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





#3

Pyridine

Concen: 33.41 ng

RT: 2.82 min Scan# 108

Delta R.T. 0.10 min

Lab File: BF085045.D

Acq: 12 Feb 2016 6:58

Instrument :

BNA_F

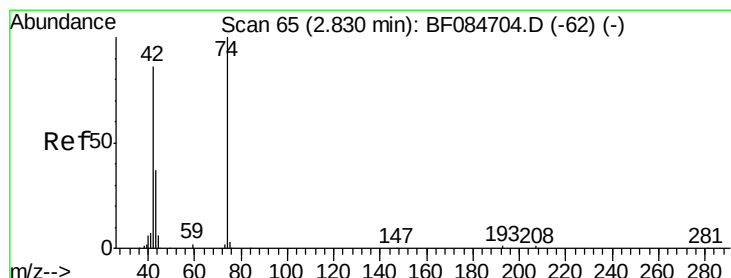
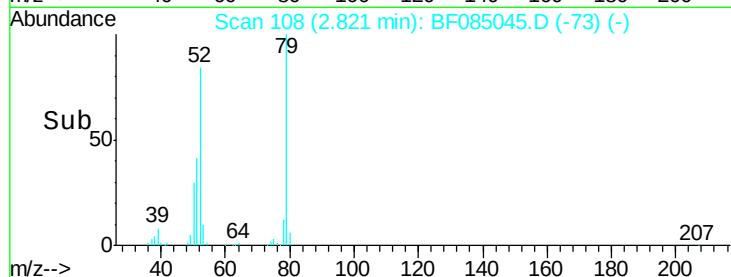
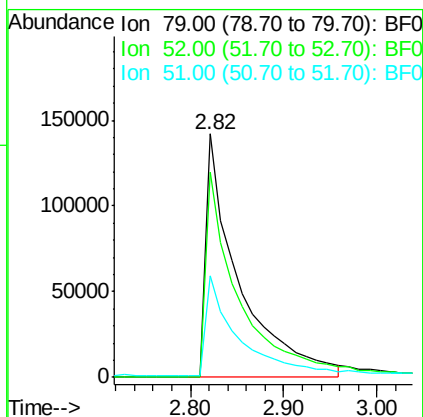
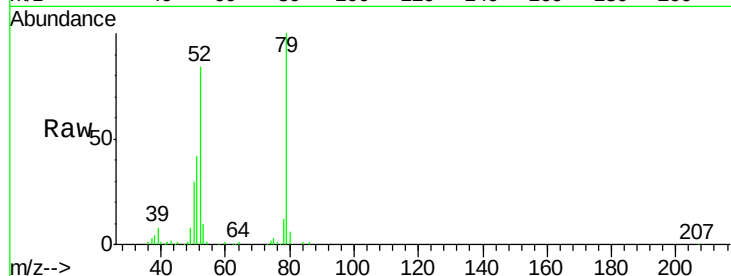
ClientSampleId :

WC-1MS

Tgt Ion:	79	Resp:	351334
Ion Ratio		Lower	Upper
79	100		
52	84.3	49.0	73.4#
51	41.8	25.2	37.8#

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#4

n-Nitrosodimethylamine

Concen: 41.62 ng

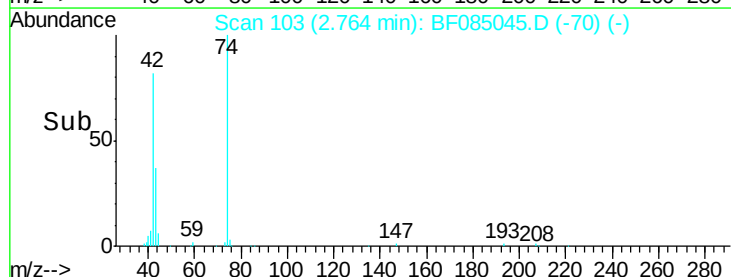
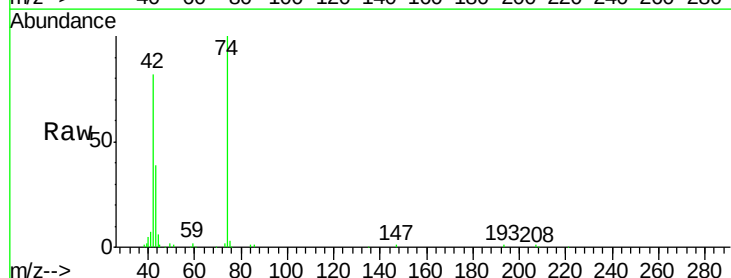
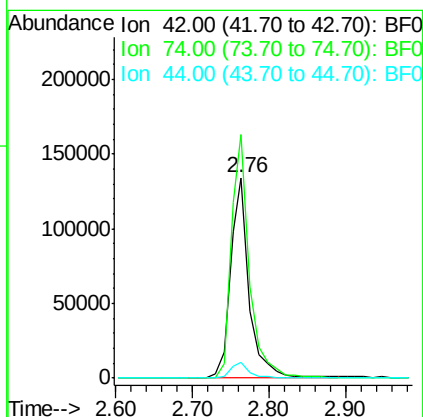
RT: 2.76 min Scan# 103

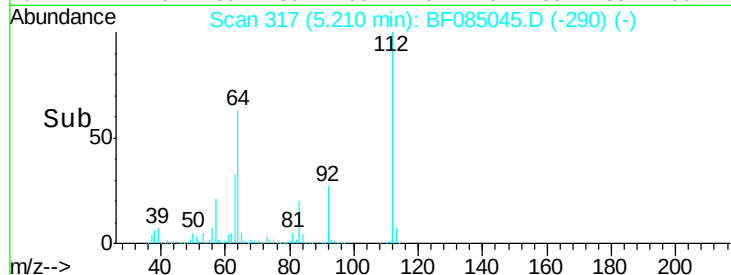
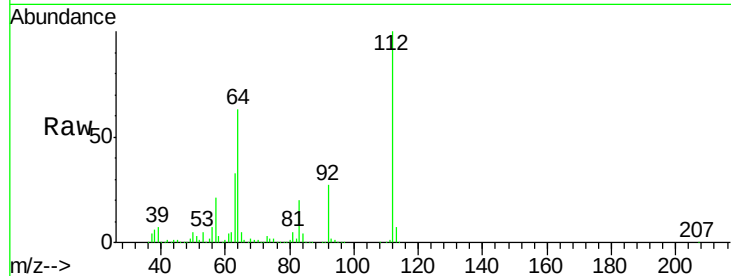
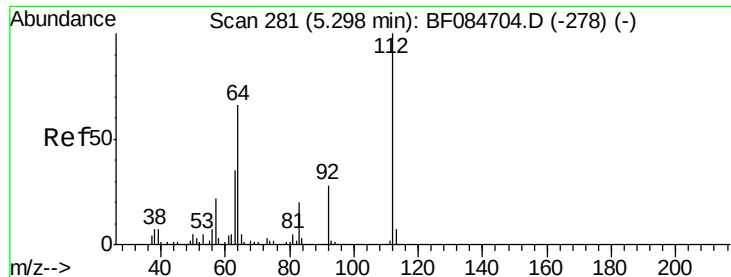
Delta R.T. 0.08 min

Lab File: BF085045.D

Acq: 12 Feb 2016 6:58

Tgt Ion:	42	Resp:	226327
Ion Ratio		Lower	Upper
42	100		
74	121.4	115.7	173.5
44	7.7	5.1	7.7#





#5

2-Fluorophenol

Concen: 120.41 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF085045.D

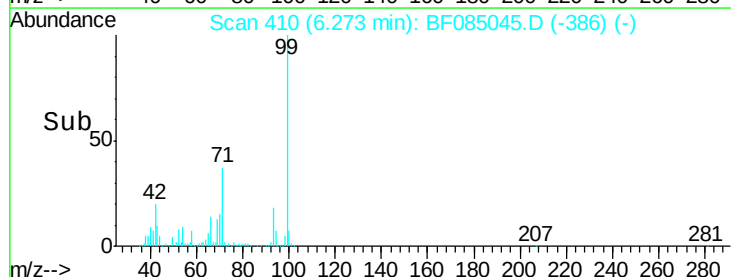
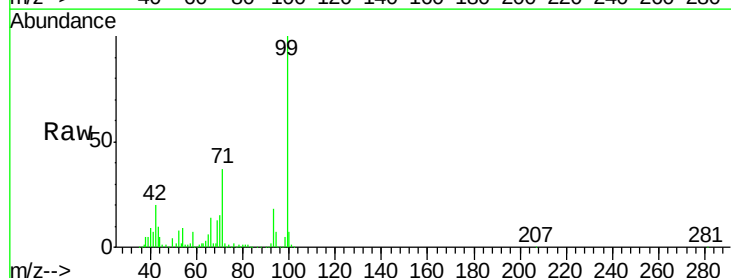
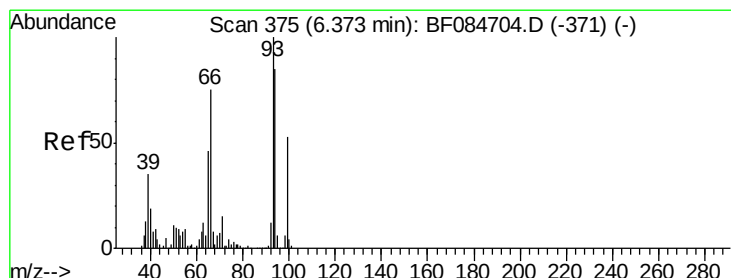
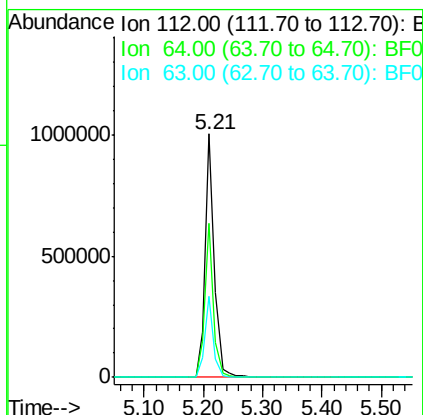
Acq: 12 Feb 2016 6:58

Tgt Ion:	112	Resp:	1109381
Ion Ratio	Lower	Upper	
112	100		
64	63.2	36.6	55.0#
63	33.1	19.4	29.0#

Instrument :
BNA_F
ClientSampled :
WC-1MS

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#6

Aniline

Concen: 20.31 ng

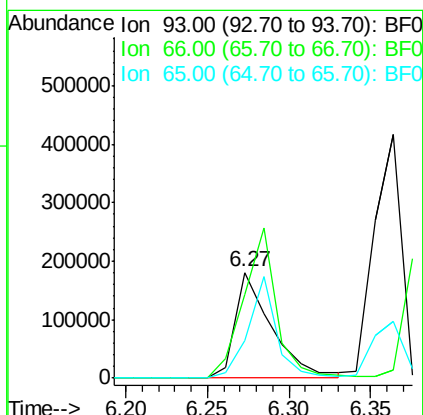
RT: 6.27 min Scan# 410

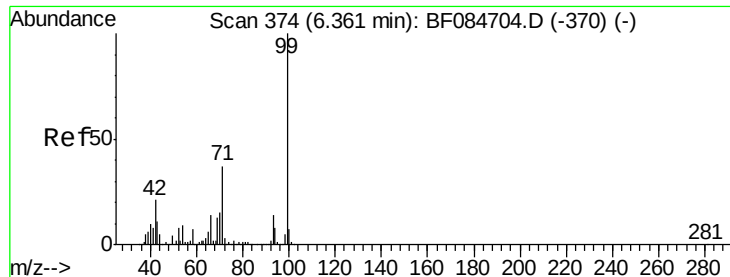
Delta R.T. -0.02 min

Lab File: BF085045.D

Acq: 12 Feb 2016 6:58

Tgt Ion:	93	Resp:	283867
Ion Ratio	Lower	Upper	
93	100		
66	79.2	44.9	67.3#
65	35.3	23.7	35.5





#7

Phenol-d6

Concen: 121.82 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF085045.D

Acq: 12 Feb 2016 6:58

Instrument :

BNA_F

ClientSampled :

WC-1MS

Tgt Ion: 99 Resp: 1391402

Ion Ratio Lower Upper

99 100

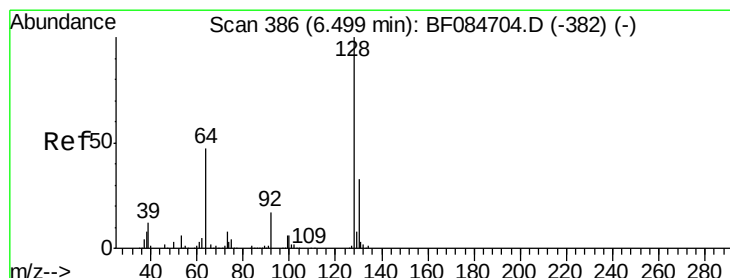
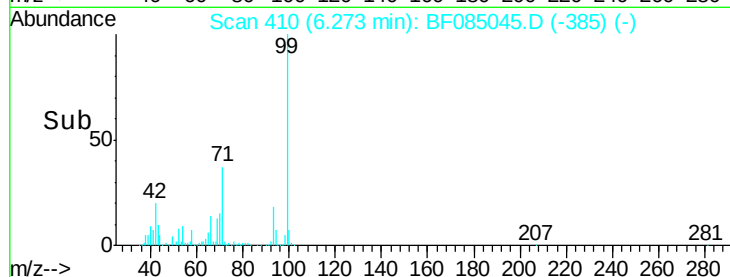
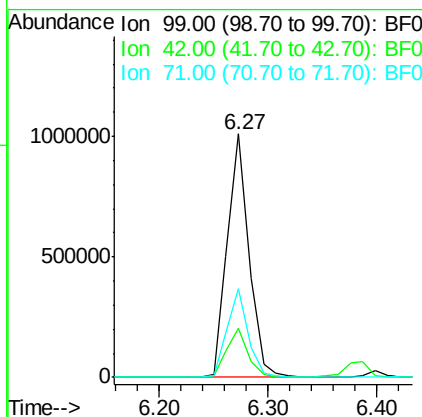
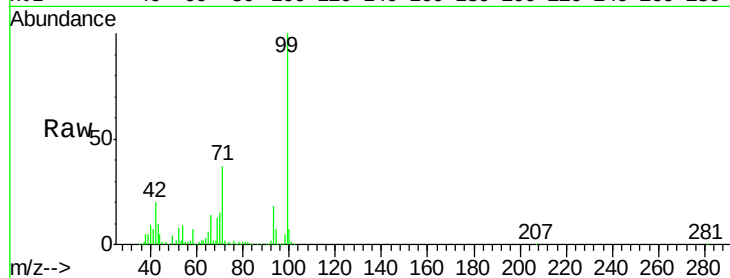
42 20.0 12.8 19.2#

71 36.6 30.9 46.3

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#8

2-Chlorophenol

Concen: 47.38 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF085045.D

Acq: 12 Feb 2016 6:58

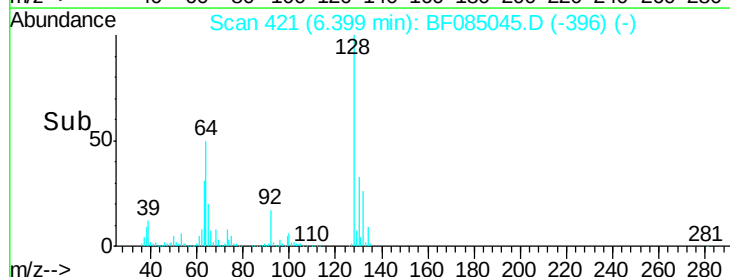
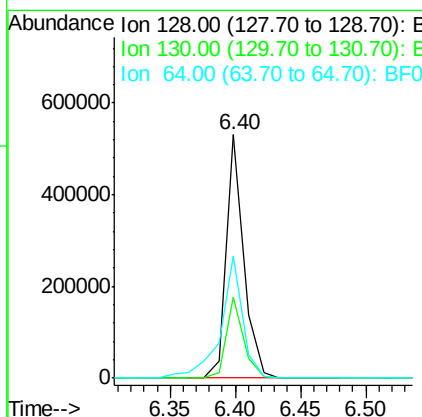
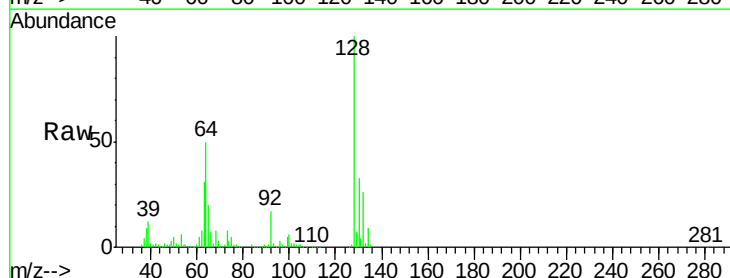
Tgt Ion: 128 Resp: 494159

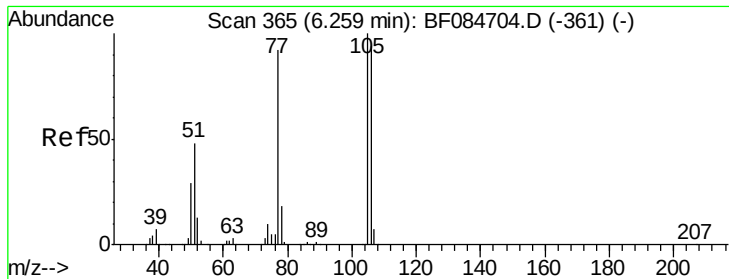
Ion Ratio Lower Upper

128 100

130 33.0 11.6 51.6

64 49.9 23.8 63.8





#9

Benzaldehyde

Concen: 12.57 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF085045.D

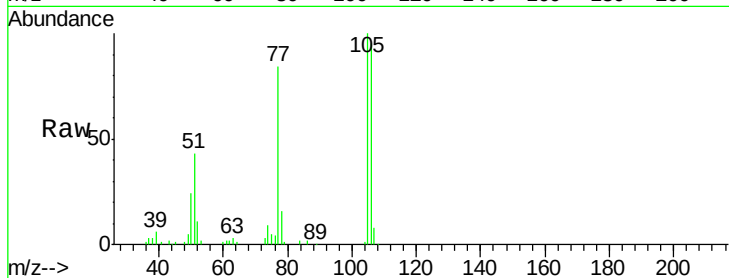
Acq: 12 Feb 2016 6:58

Instrument :

BNA_F

ClientSampleId :

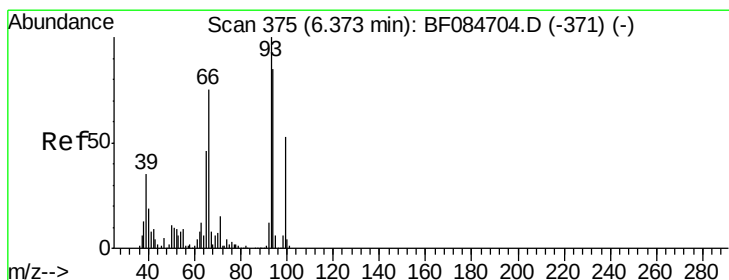
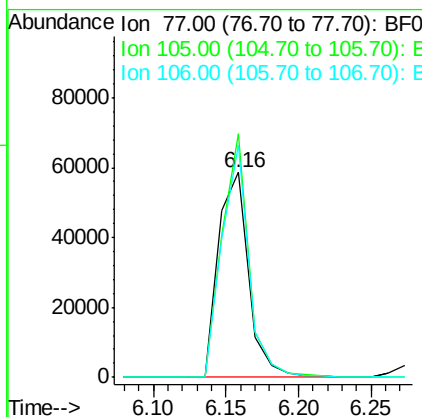
WC-1MS



Tgt Ion:	77	Resp:	84772
Ion Ratio	Lower	Upper	
77	100		
105	118.7	83.0	123.0
106	113.0	74.6	114.6

Manual Integrations
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#10

Phenol

Concen: 38.45 ng

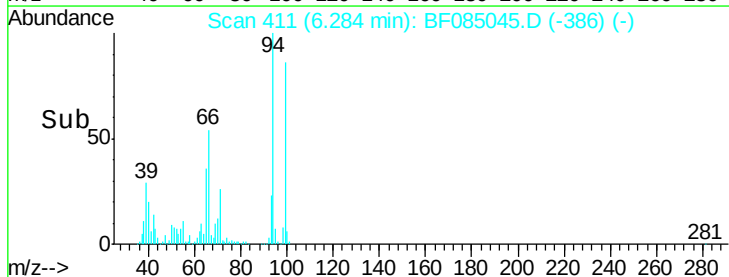
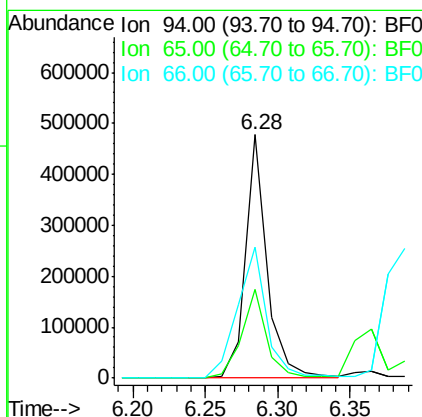
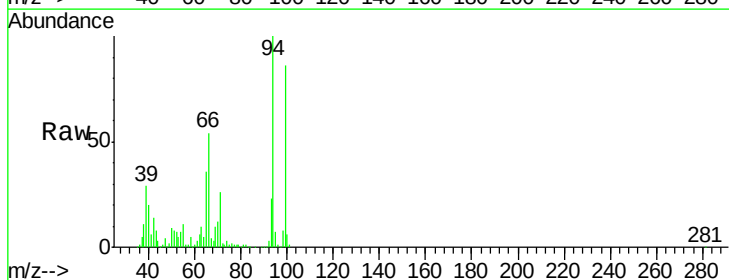
RT: 6.28 min Scan# 411

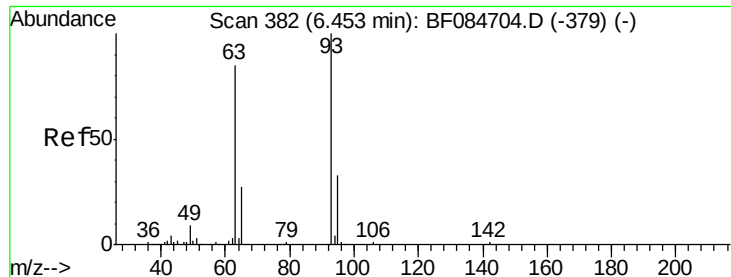
Delta R.T. -0.01 min

Lab File: BF085045.D

Acq: 12 Feb 2016 6:58

Tgt Ion:	94	Resp:	491939
Ion Ratio	Lower	Upper	
94	100		
65	36.4	12.9	52.9
66	53.7	32.7	72.7





#11

bis(2-Chloroethyl)ether

Concen: 47.67 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF085045.D

Acq: 12 Feb 2016 6:58

Instrument :

BNA_F

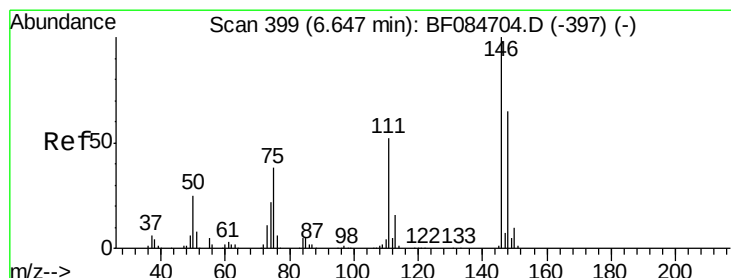
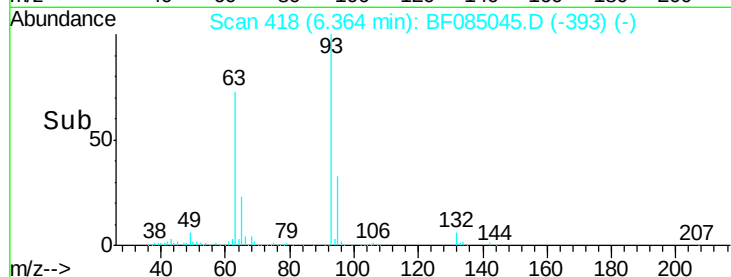
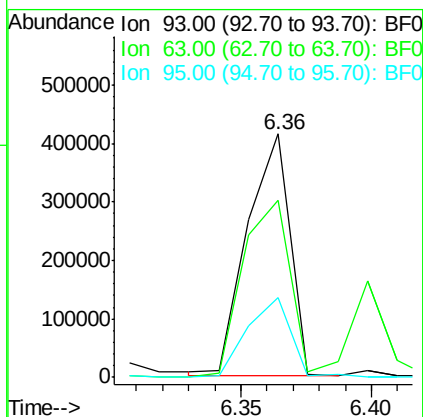
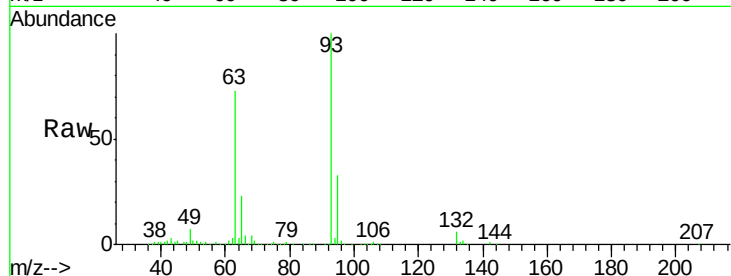
ClientSampled :

WC-1MS

Tgt Ion:	93	Resp:	475636
Ion	Ratio	Lower	Upper
93	100		
63	72.8	45.9	85.9
95	33.0	12.3	52.3

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 41.93 ng

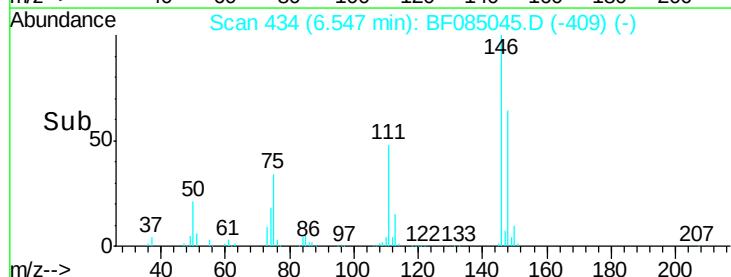
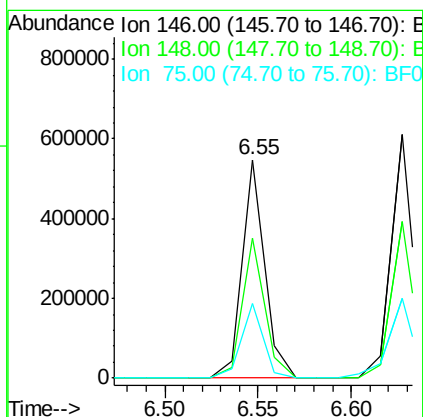
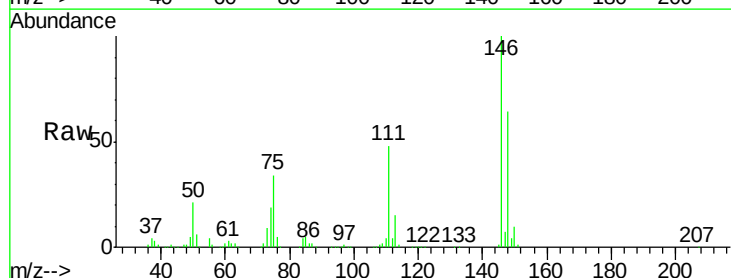
RT: 6.55 min Scan# 434

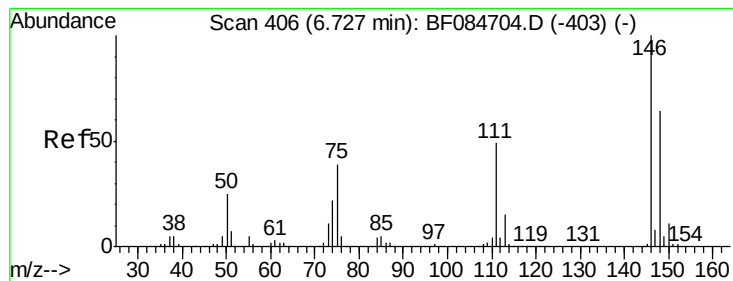
Delta R.T. -0.01 min

Lab File: BF085045.D

Acq: 12 Feb 2016 6:58

Tgt Ion:	146	Resp:	461963
Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.9	77.9
75	34.0	20.5	30.7#





#13

1,4-Dichlorobenzene

Concen: 44.92 ng

RT: 6.63 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF085045.D

Acq: 12 Feb 2016 6:58

Instrument :

BNA_F

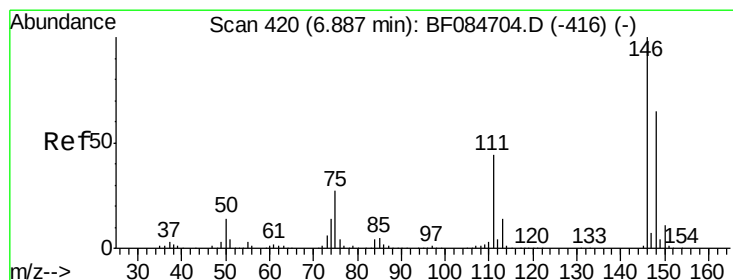
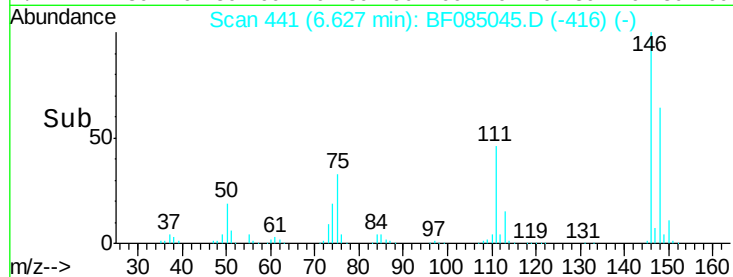
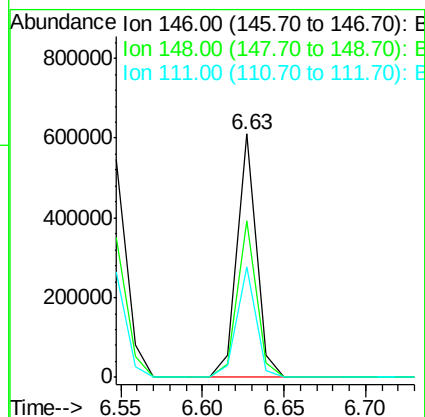
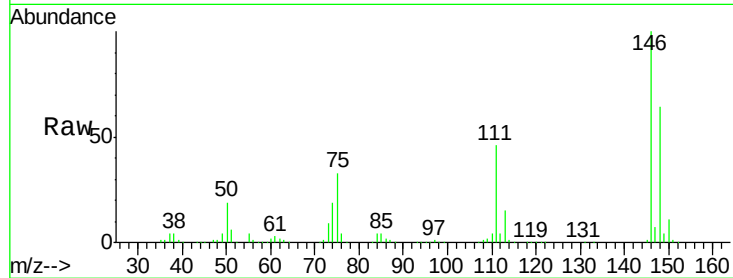
ClientSampled :

WC-1MS

Tgt Ion:	146	Resp:	494828
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.9	77.9
111	45.6	41.6	62.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 40.44 ng

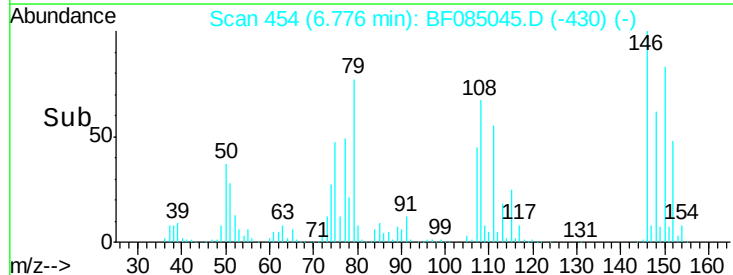
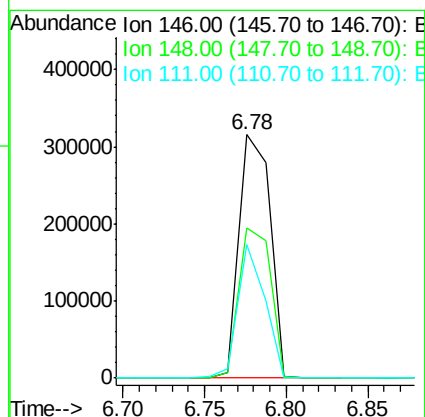
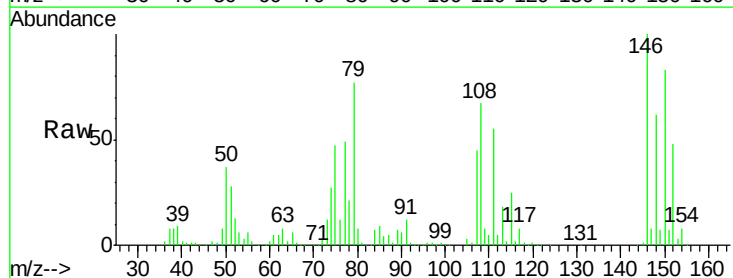
RT: 6.78 min Scan# 454

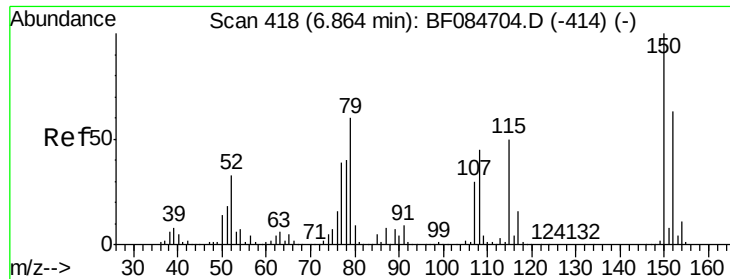
Delta R.T. -0.02 min

Lab File: BF085045.D

Acq: 12 Feb 2016 6:58

Tgt Ion:	146	Resp:	414857
Ion Ratio	Lower	Upper	
146	100		
148	61.7	51.6	77.4
111	54.8	38.0	57.0





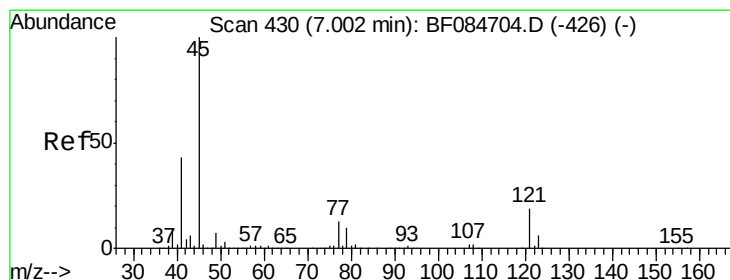
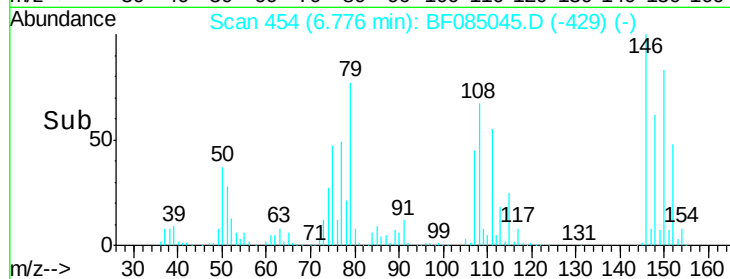
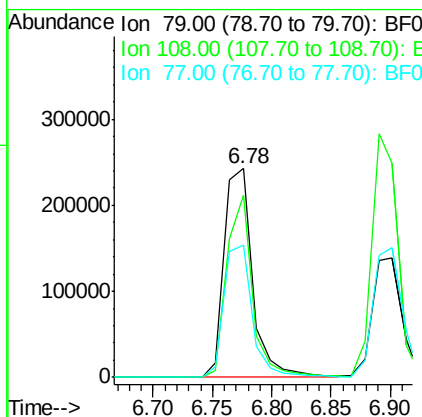
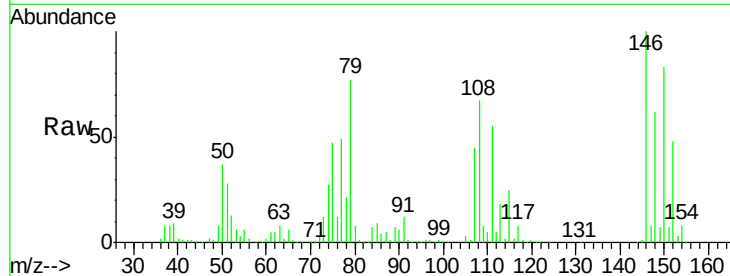
#15
Benzyl Alcohol
Concen: 51.24 ng
RT: 6.78 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF085045.D
Acq: 12 Feb 2016 6:58

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	404140		
108	87.3	69.0	103.4	
77	63.4	50.0	75.0	

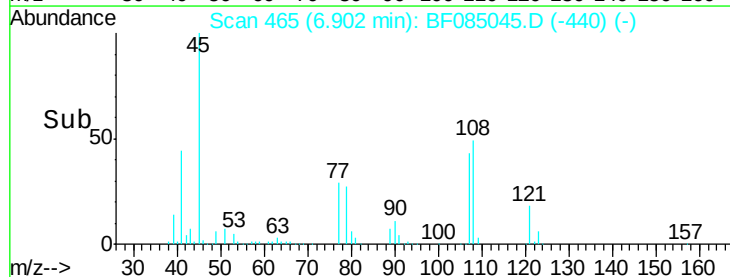
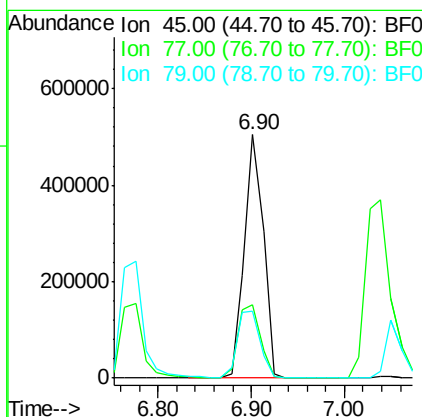
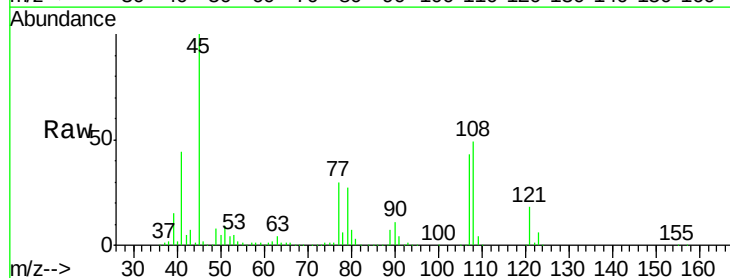
Manual Integrations
APPROVED

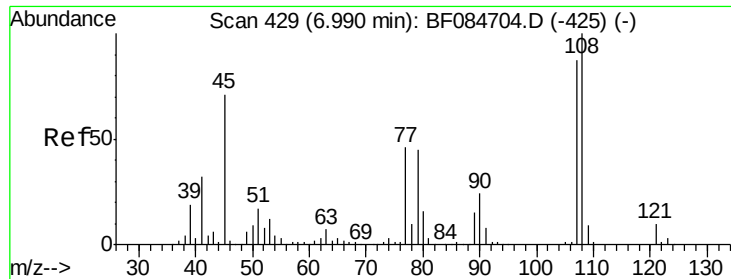
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.69 ng
RT: 6.90 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF085045.D
Acq: 12 Feb 2016 6:58

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	716604		
77	29.9	0.0	39.6	
79	27.4	0.0	35.0	





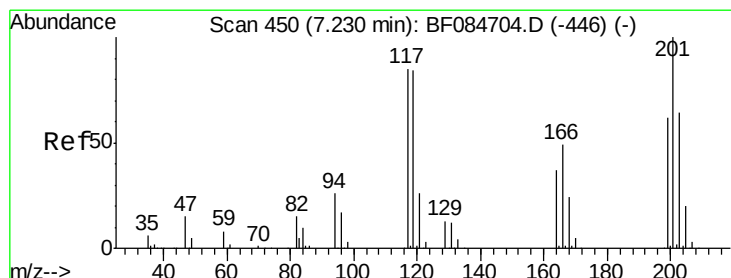
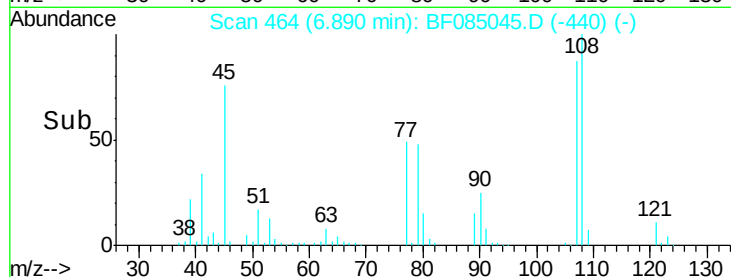
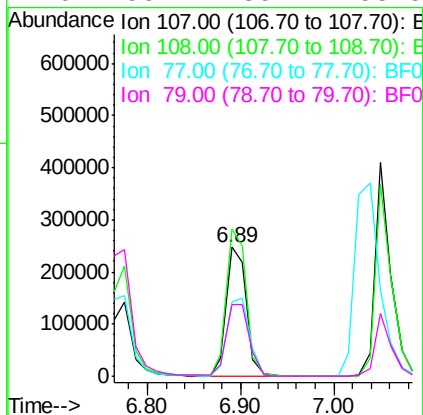
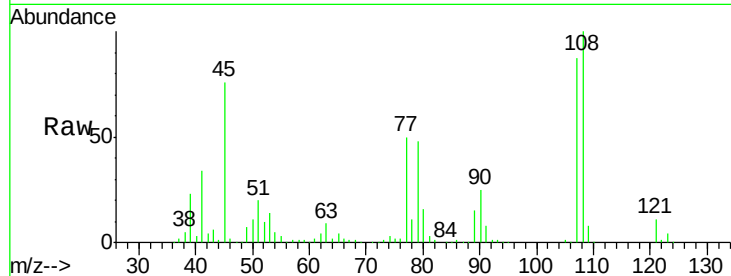
#17
2-Methylphenol
Concen: 45.31 ng
RT: 6.89 min Scan# 464
Delta R.T. -0.02 min
Lab File: BF085045.D
Acq: 12 Feb 2016 6:58

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	373720		
108	114.5	89.8	134.6	
77	57.5	35.7	53.5#	
79	55.2	35.7	53.5#	

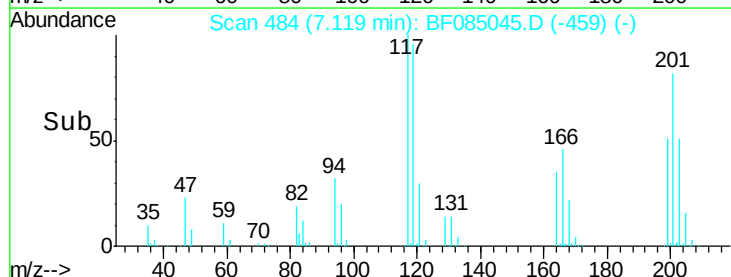
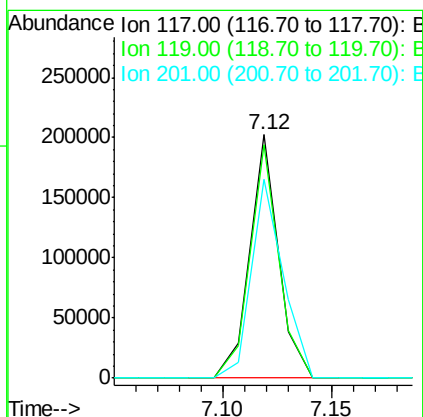
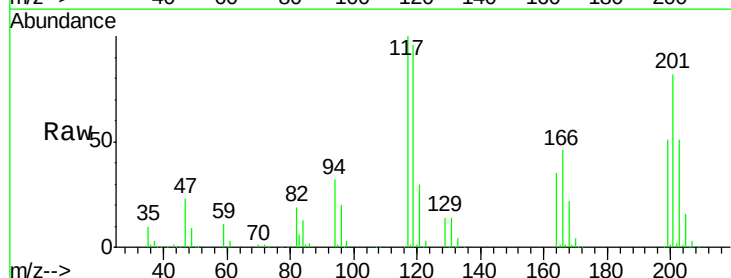
Manual Integrations
APPROVED

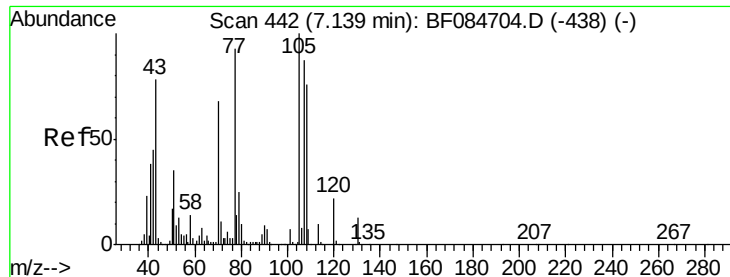
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#18
Hexachloroethane
Concen: 43.73 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF085045.D
Acq: 12 Feb 2016 6:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	185477		
119	95.7	77.4	116.0	
201	81.5	68.6	103.0	





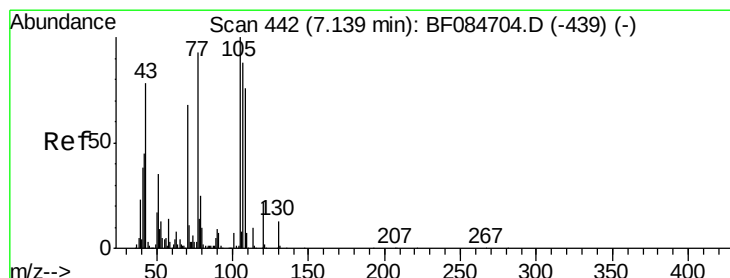
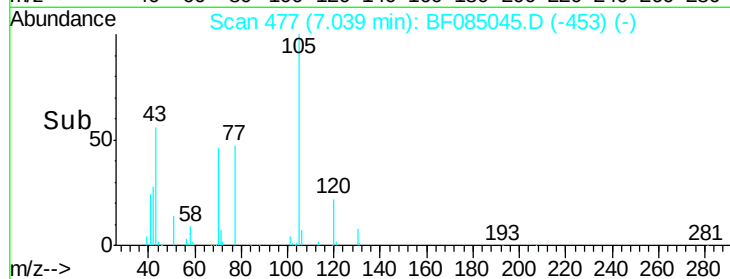
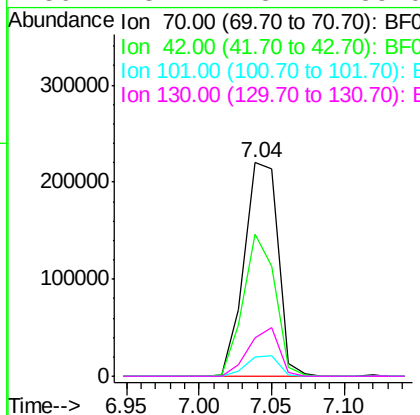
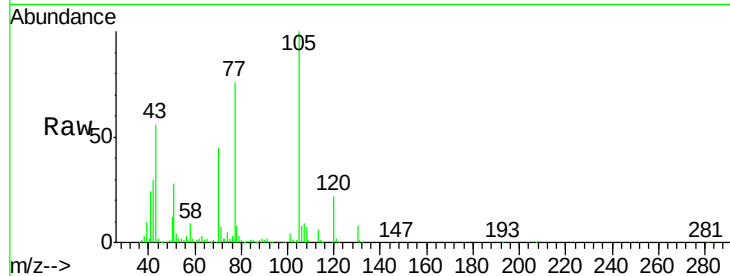
#19
n-Nitroso-di-n-propylamine
Concen: 49.65 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.02 min
Lab File: BF085045.D
Acq: 12 Feb 2016 6:58

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
70	100		
42	66.4	33.3	49.9#
101	9.2	9.3	13.9#
130	18.2	23.4	35.0#

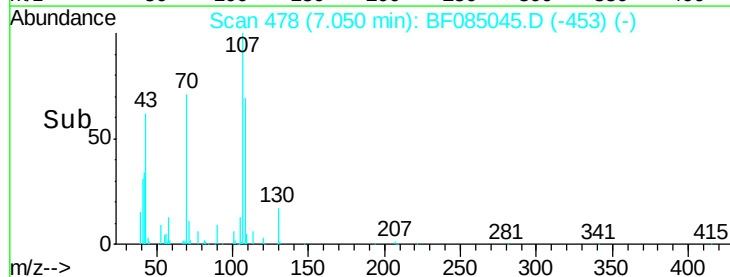
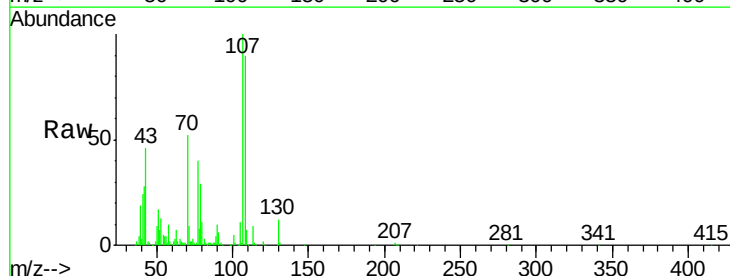
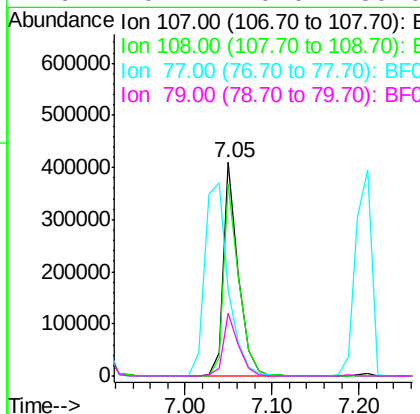
Manual Integrations
APPROVED

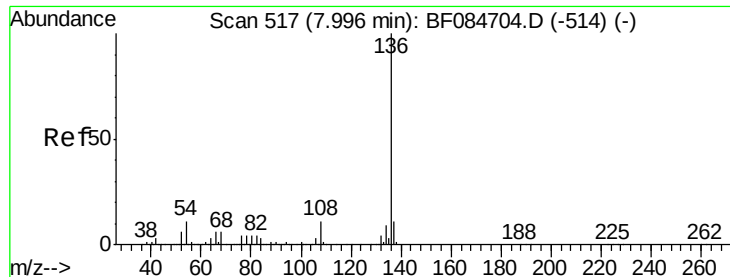
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#20
3+4-Methylphenols
Concen: 48.03 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF085045.D
Acq: 12 Feb 2016 6:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	90.0	74.6	114.6
77	40.0	0.7	40.7
79	29.4	0.0	39.0





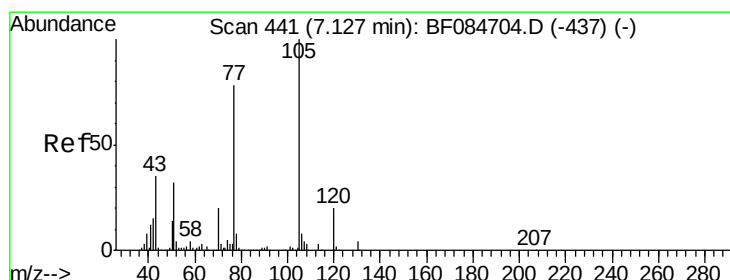
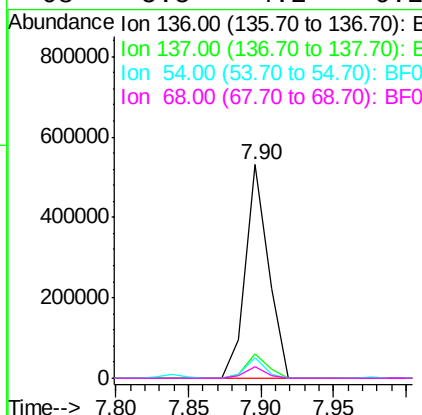
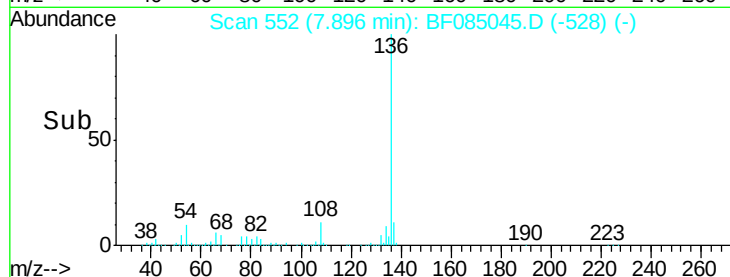
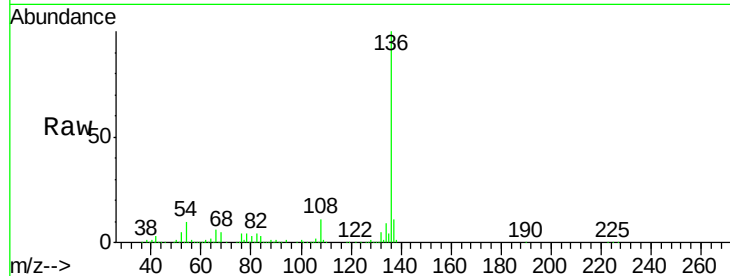
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF085045.D
Acq: 12 Feb 2016 6:58

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.2	8.7	13.1
54	9.7	5.8	8.8#
68	5.5	4.2	6.2

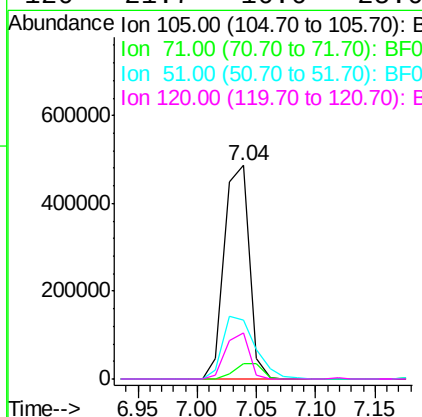
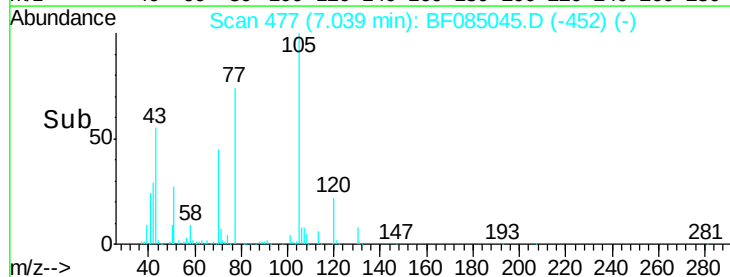
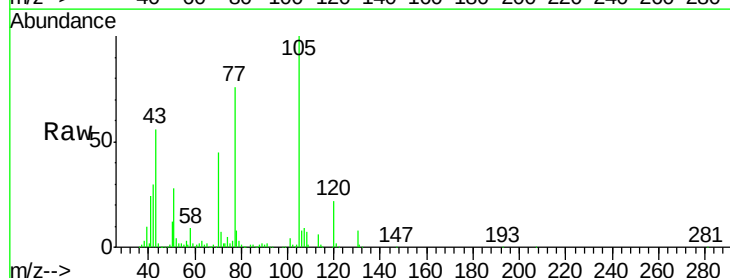
Manual Integrations
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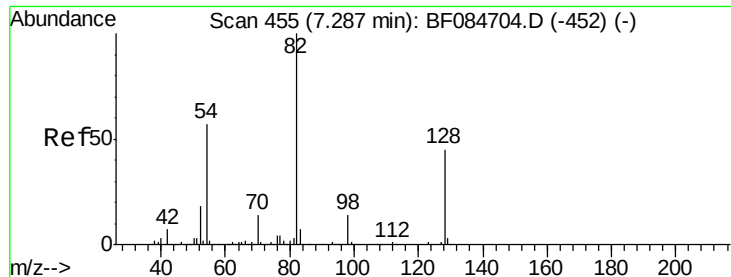
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#22
Acetophenone
Concen: 46.04 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.01 min
Lab File: BF085045.D
Acq: 12 Feb 2016 6:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	7.2	3.7	5.5#
51	27.8	25.1	37.7
120	21.7	16.6	25.0





#23

Nitrobenzene-d5

Concen: 93.85 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF085045.D

Acq: 12 Feb 2016 6:58

Instrument :

BNA_F

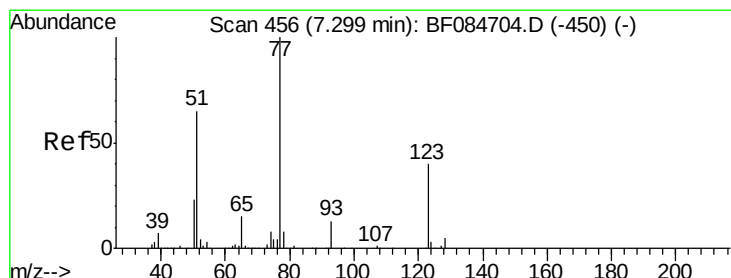
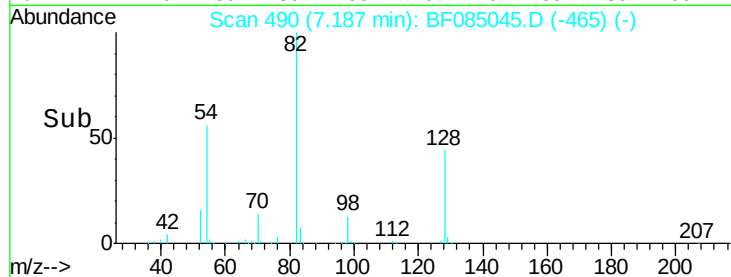
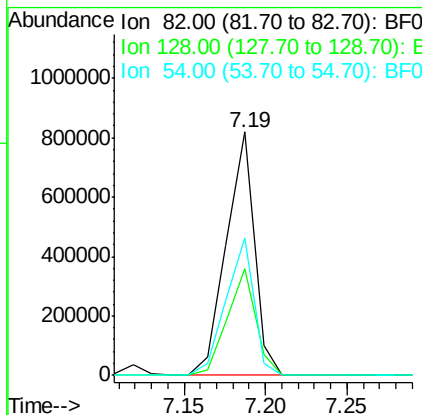
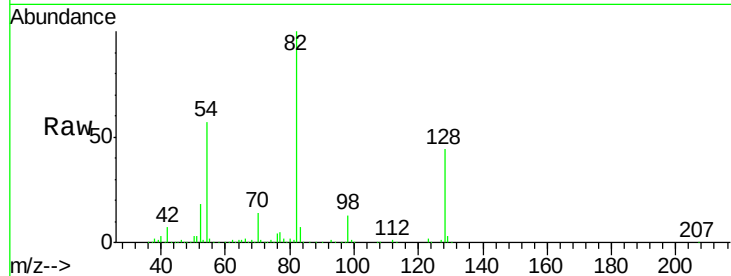
ClientSampleId :

WC-1MS

Tgt Ion:	82	Resp:	974670
Ion Ratio	Lower	Upper	
82	100		
128	43.9	34.6	51.8
54	56.6	38.4	57.6

Manual Integrations
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#24

Nitrobenzene

Concen: 45.83 ng

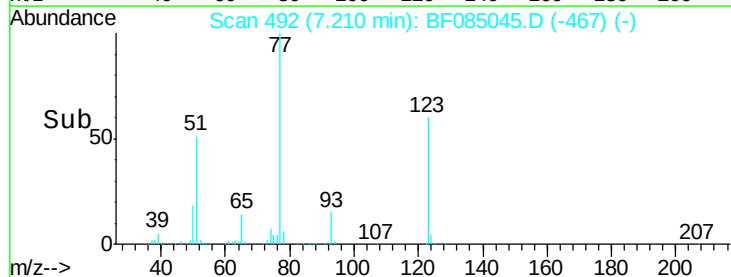
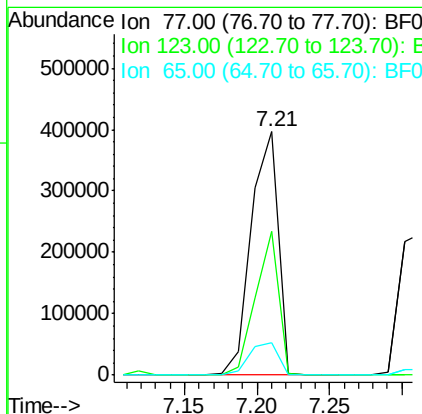
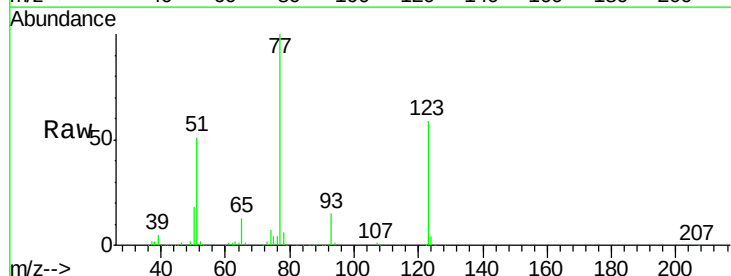
RT: 7.21 min Scan# 492

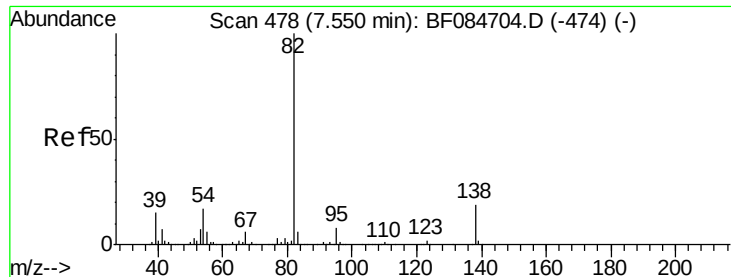
Delta R.T. -0.01 min

Lab File: BF085045.D

Acq: 12 Feb 2016 6:58

Tgt Ion:	77	Resp:	509717
Ion Ratio	Lower	Upper	
77	100		
123	59.3	37.4	56.2#
65	13.4	10.9	16.3





#25

Isophorone

Concen: 47.68 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF085045.D

Acq: 12 Feb 2016 6:58

Instrument :

BNA_F

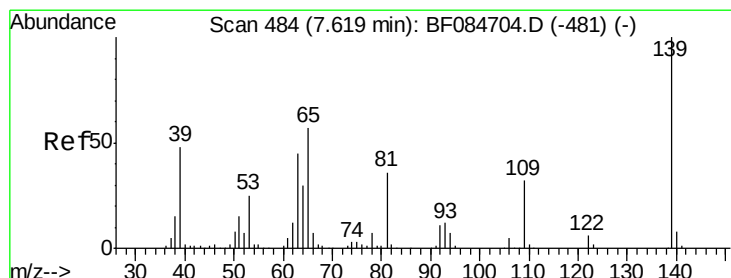
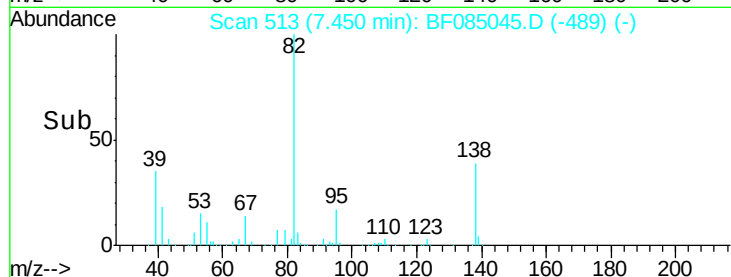
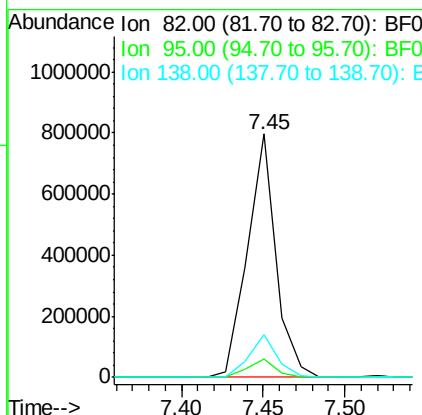
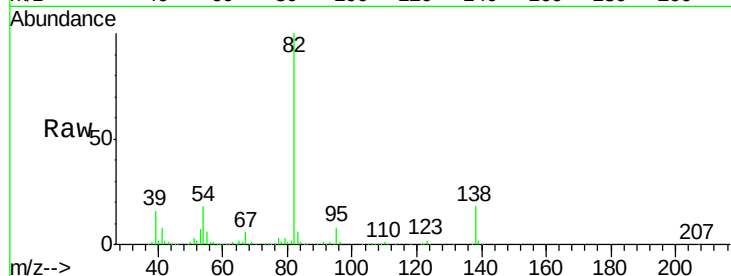
ClientSampleId :

WC-1MS

Tgt Ion:	82	Resp:	962795
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.6	10.0
138	17.6	13.6	20.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.85 ng

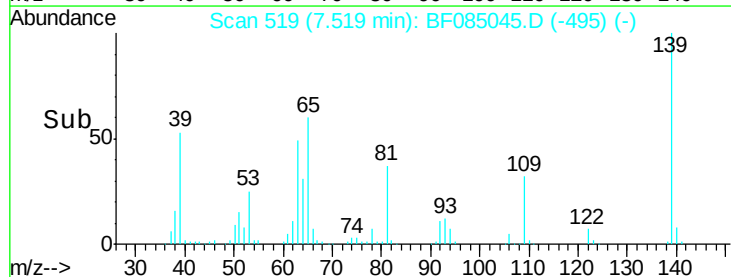
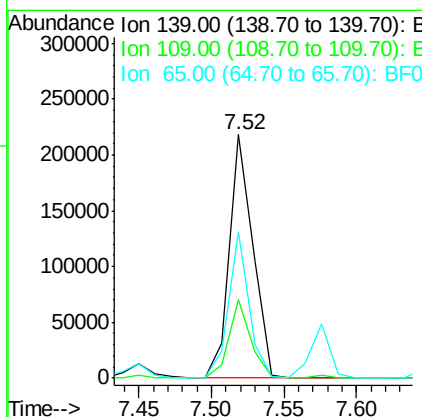
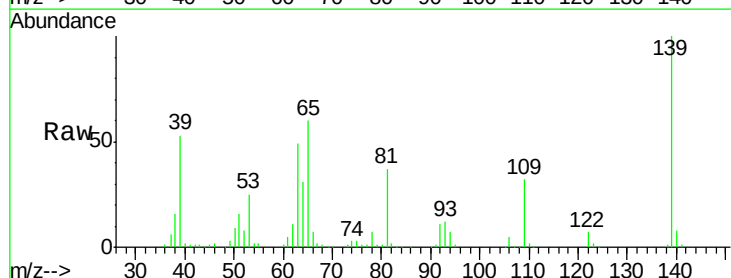
RT: 7.52 min Scan# 519

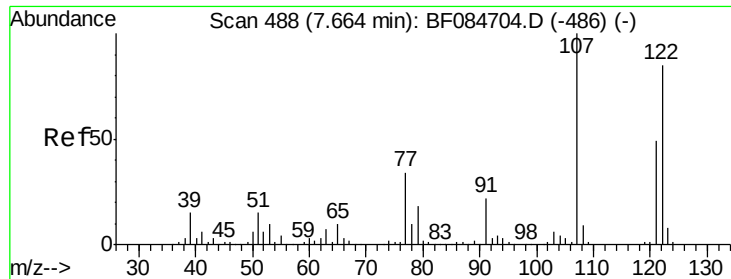
Delta R.T. -0.02 min

Lab File: BF085045.D

Acq: 12 Feb 2016 6:58

Tgt Ion:	139	Resp:	246019
Ion Ratio	Lower	Upper	
139	100		
109	32.2	25.4	38.2
65	59.9	32.3	48.5#





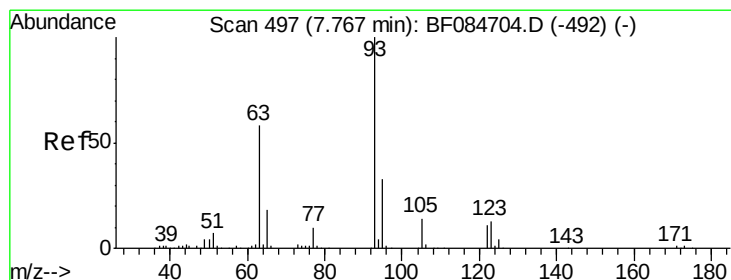
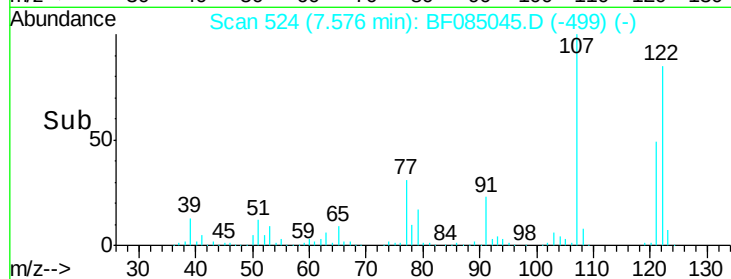
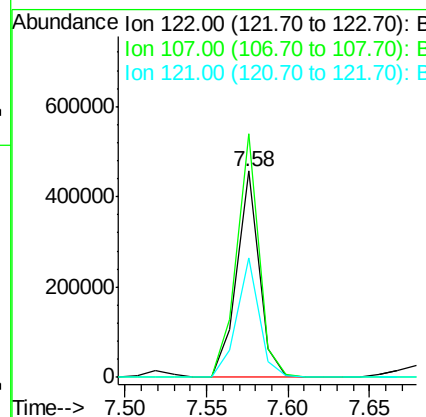
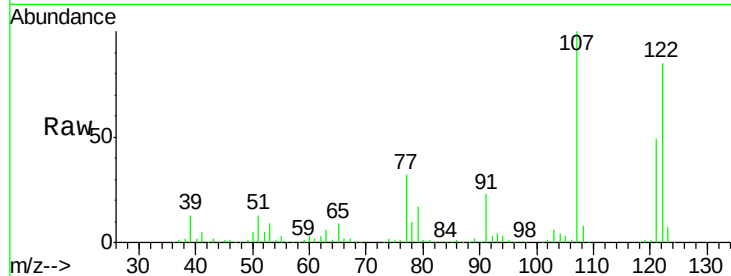
#27
 2,4-Dimethylphenol
 Concen: 45.67 ng
 RT: 7.58 min Scan# 524
 Delta R.T. -0.01 min
 Lab File: BF085045.D
 Acq: 12 Feb 2016 6:58

Instrument :
 BNA_F
 ClientSampled :
 WC-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	435746		
107	118.1	99.1	148.7	
121	57.6	47.9	71.9	

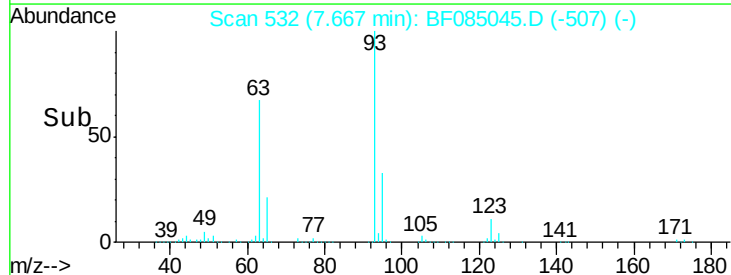
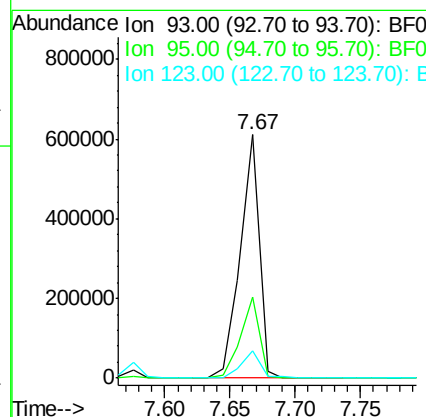
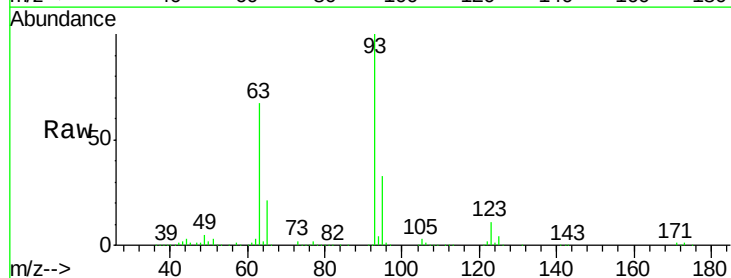
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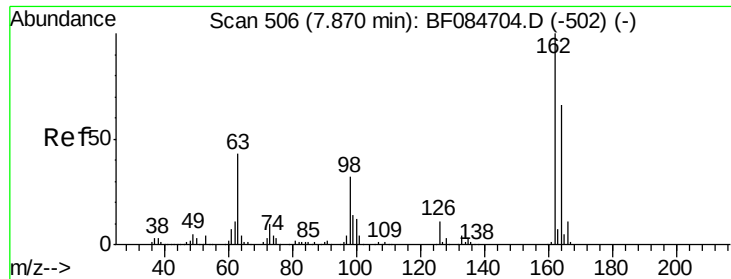
Sohil
 2/12/2016 12:31:47 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 51.28 ng
 RT: 7.67 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: BF085045.D
 Acq: 12 Feb 2016 6:58

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	614385		
95	33.3	25.8	38.6	
123	11.2	8.6	12.8	





#29

2,4-Dichlorophenol

Concen: 51.51 ng

RT: 7.77 min Scan# 541

Delta R.T. -0.01 min

Lab File: BF085045.D

Acq: 12 Feb 2016 6:58

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion:162 Resp: 420498
Ion Ratio Lower Upper

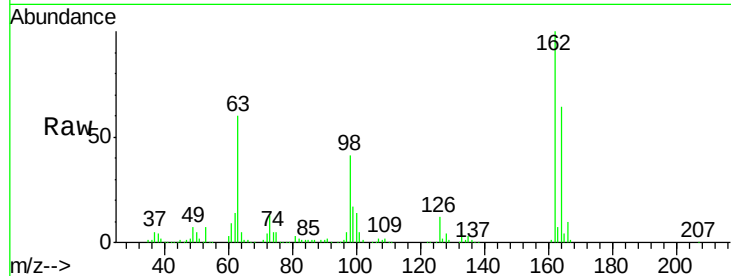
162 100

164 64.3 44.1 84.1

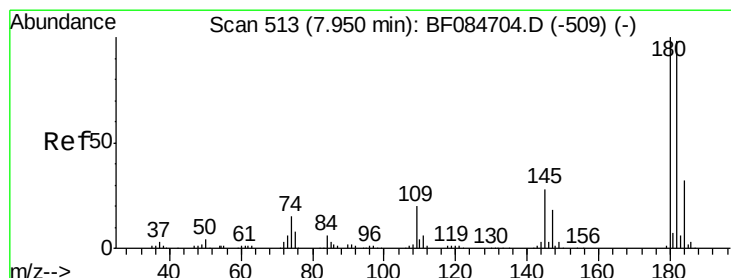
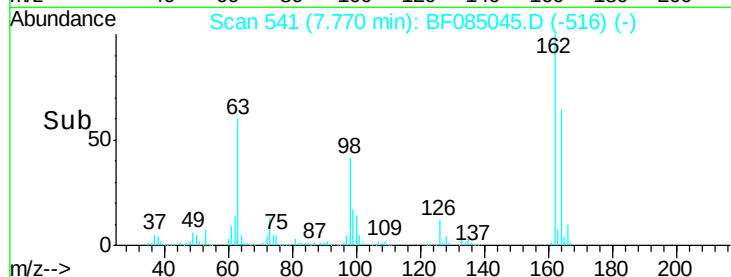
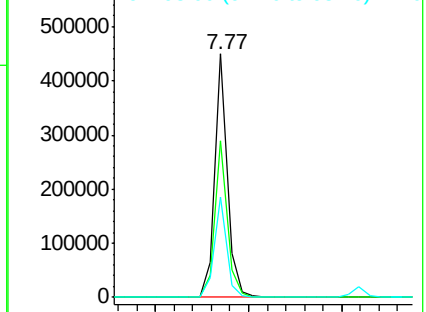
98 41.2 20.2 60.2

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 44.64 ng

RT: 7.84 min Scan# 547

Delta R.T. -0.02 min

Lab File: BF085045.D

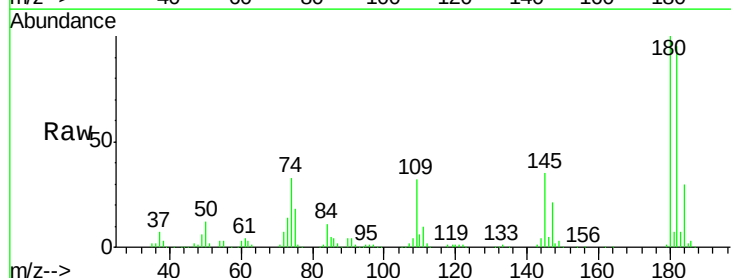
Acq: 12 Feb 2016 6:58

Tgt Ion:180 Resp: 411610
Ion Ratio Lower Upper

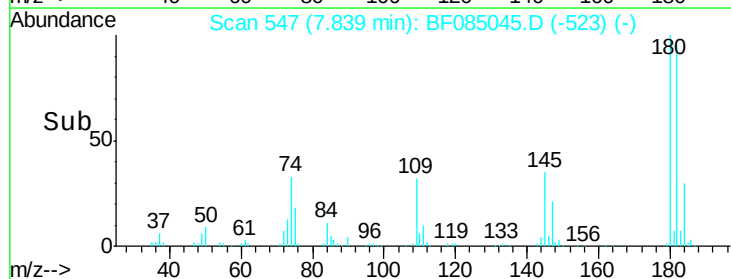
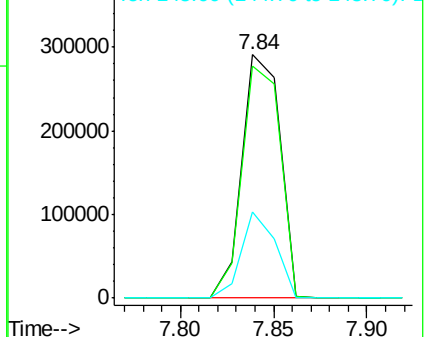
180 100

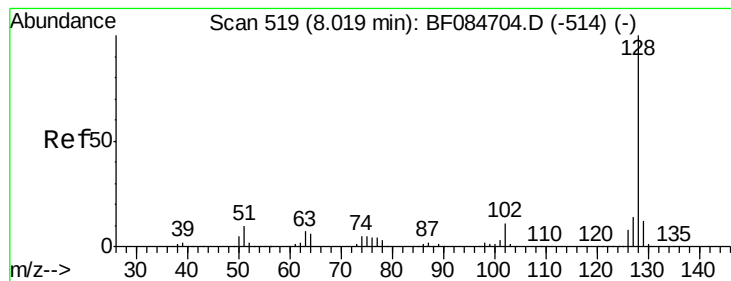
182 95.2 76.4 114.6

145 35.2 31.6 47.4



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 45.61 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.02 min

Lab File: BF085045.D

Acq: 12 Feb 2016 6:58

Instrument :

BNA_F

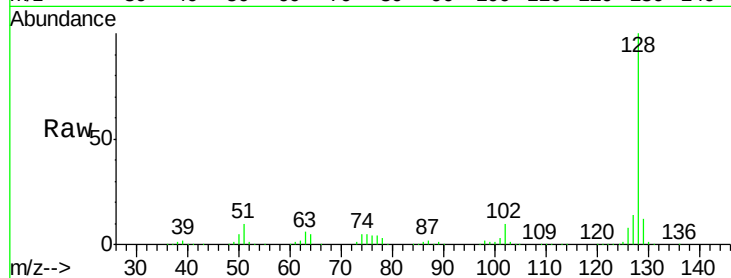
ClientSampleId :

WC-1MS

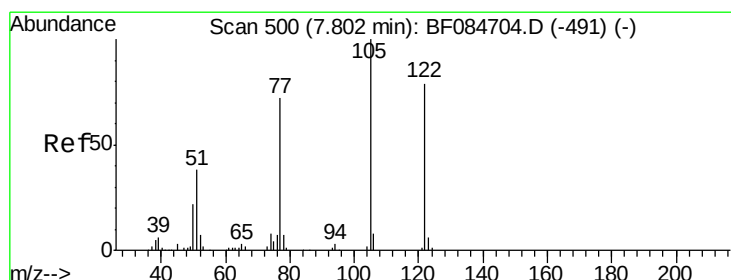
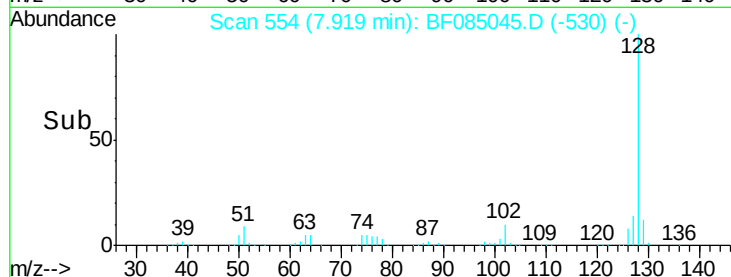
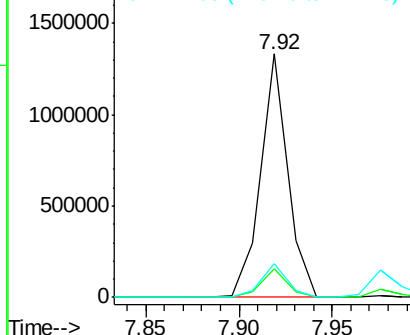
Tgt Ion:	128	Resp:	1338568
Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.1	13.7
127	13.9	11.1	16.7

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 11.95 ng

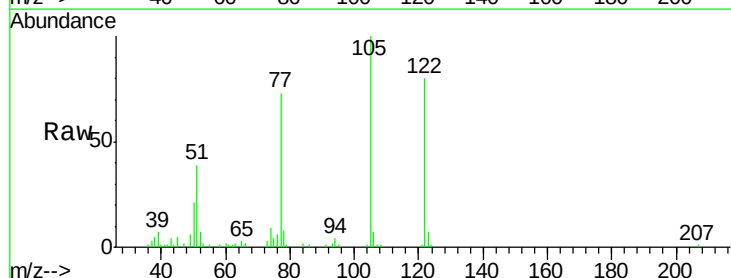
RT: 7.69 min Scan# 534

Delta R.T. -0.06 min

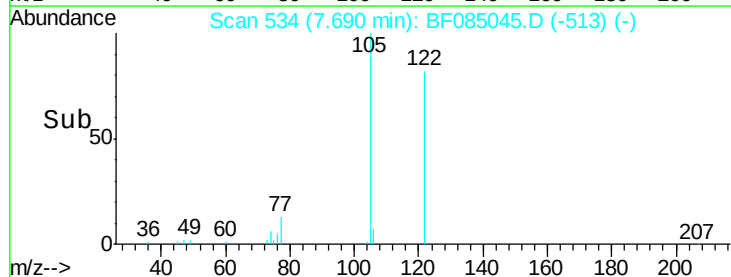
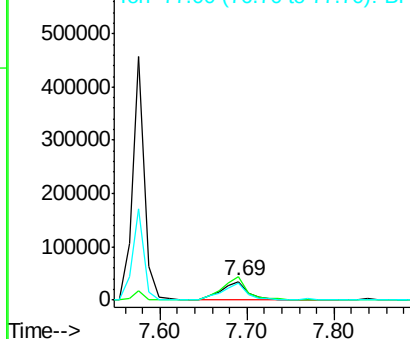
Lab File: BF085045.D

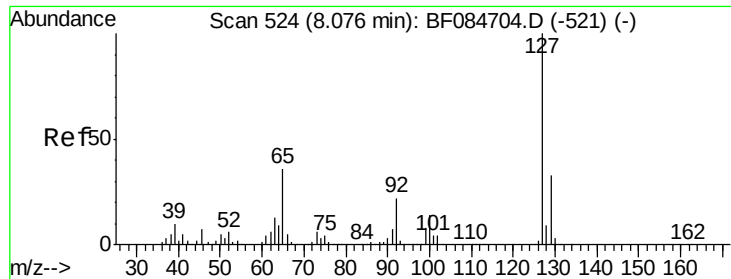
Acq: 12 Feb 2016 6:58

Tgt Ion:	122	Resp:	72931
Ion	Ratio	Lower	Upper
122	100		
105	125.8	100.3	140.3
77	92.3	63.5	103.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





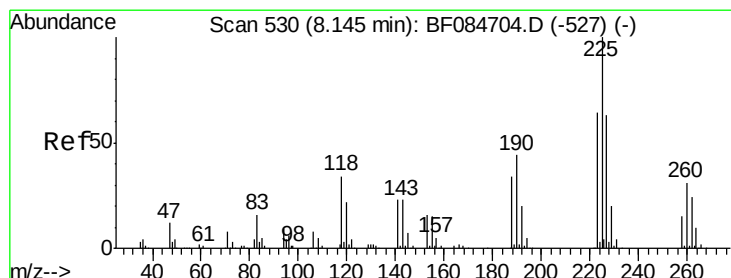
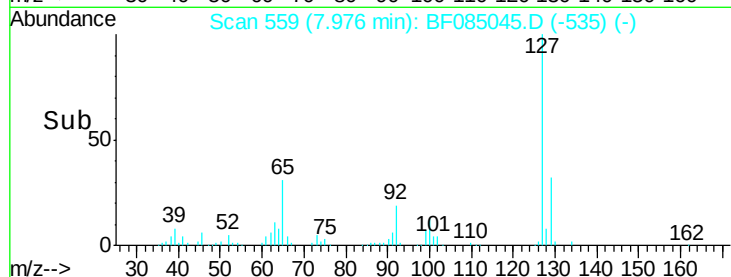
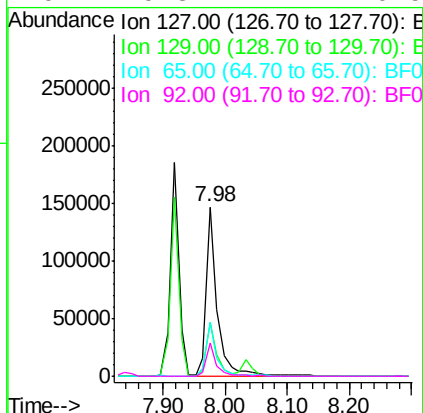
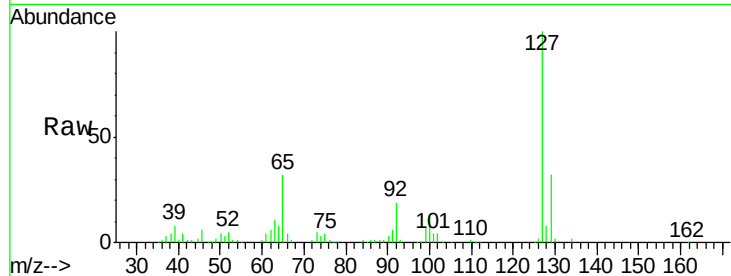
#33
4-Chloroaniline
Concen: 15.14 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF085045.D
Acq: 12 Feb 2016 6:58

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	31.9	26.5	39.7
65	31.8	27.2	40.8
92	19.3	17.7	26.5

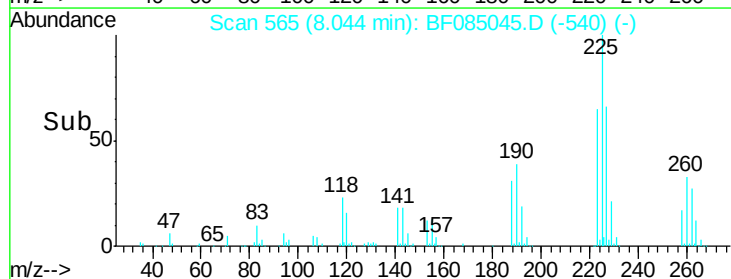
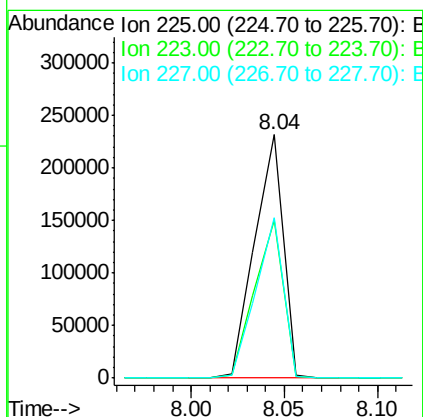
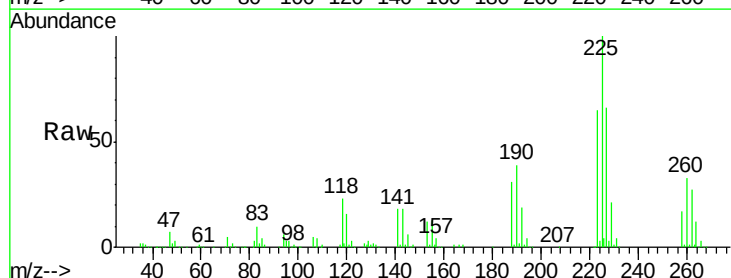
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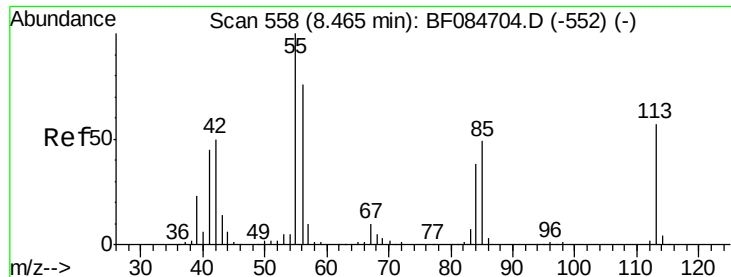
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#34
Hexachlorobutadiene
Concen: 46.20 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF085045.D
Acq: 12 Feb 2016 6:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	65.0	49.4	74.0
227	66.0	50.8	76.2





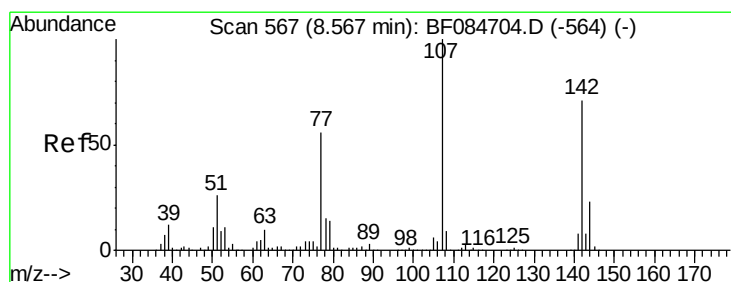
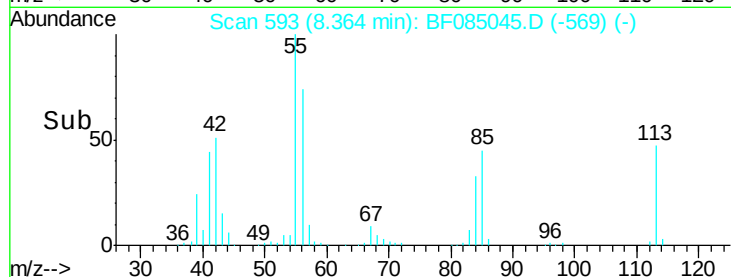
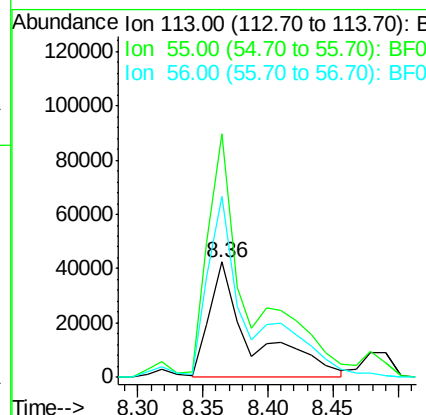
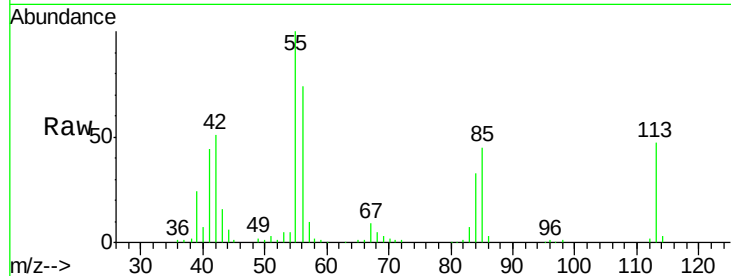
#35
 Caprolactam
 Concen: 38.64 ng m
 RT: 8.36 min Scan# 593
 Delta R.T. -0.02 min
 Lab File: BF085045.D
 Acq: 12 Feb 2016 6:58

Instrument :
 BNA_F
 ClientSampled :
 WC-1MS

Tgt Ion:113 Resp: 97235
 Ion Ratio Lower Upper
 113 100
 55 210.8 116.9 156.9#
 56 156.5 93.8 133.8#

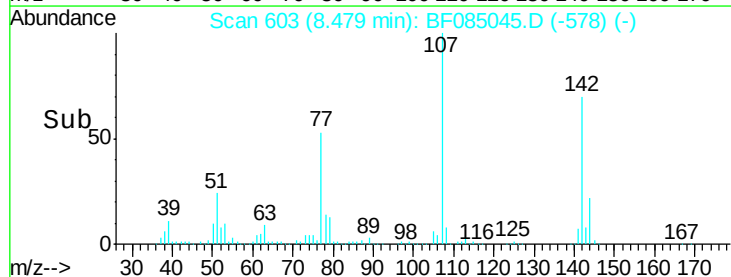
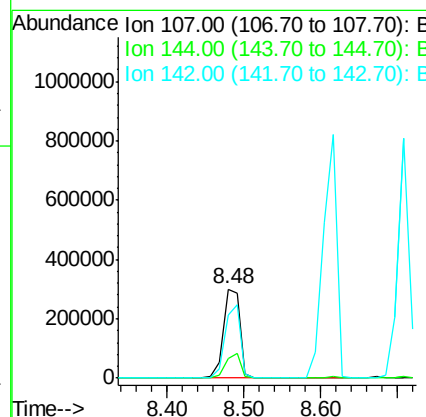
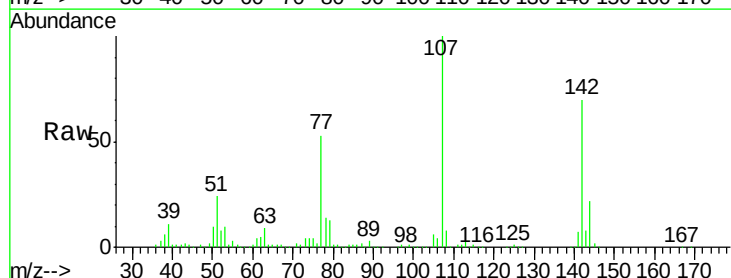
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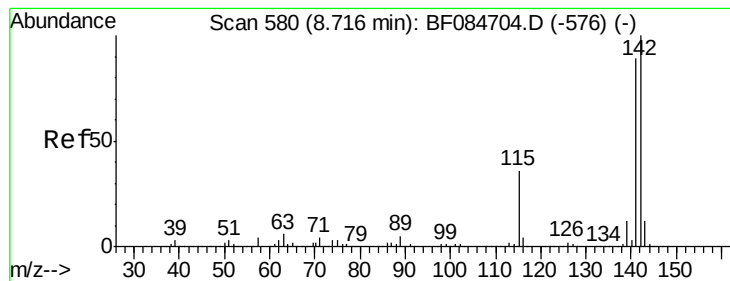
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#36
 4-Chloro-3-methylphenol
 Concen: 49.11 ng
 RT: 8.48 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085045.D
 Acq: 12 Feb 2016 6:58

Tgt Ion:107 Resp: 457358
 Ion Ratio Lower Upper
 107 100
 144 22.2 19.7 29.5
 142 70.2 61.8 92.6





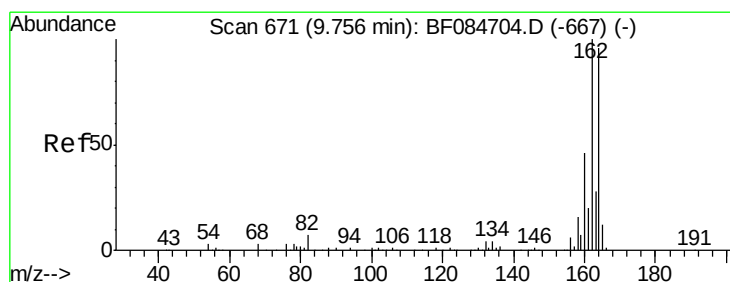
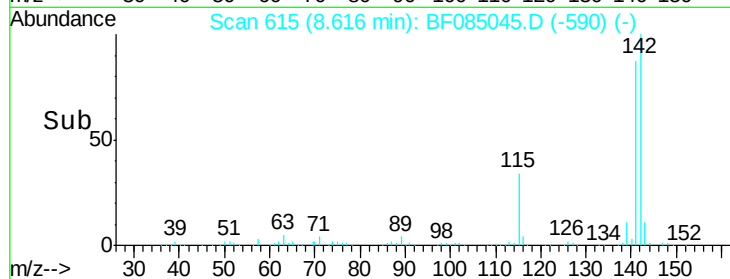
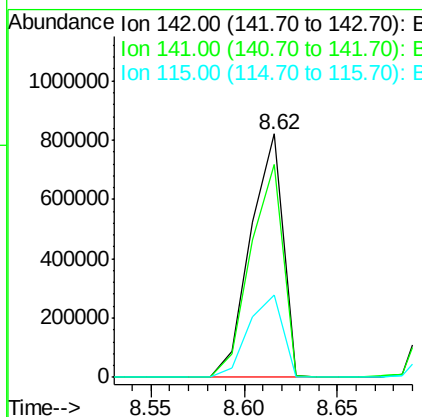
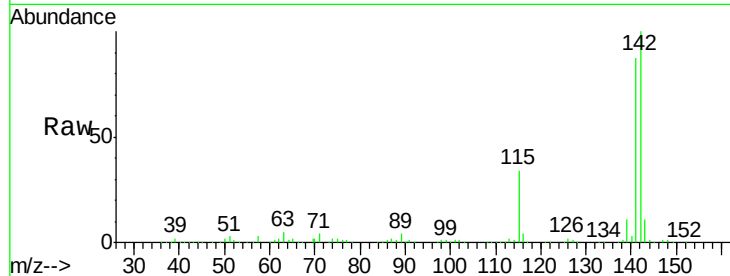
#37
 2-Methylnaphthalene
 Concen: 53.84 ng
 RT: 8.62 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF085045.D
 Acq: 12 Feb 2016 6:58

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
142	100		
141	87.4	72.4	108.6
115	34.0	27.9	41.9

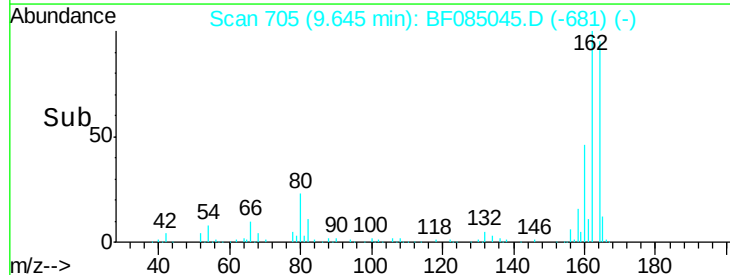
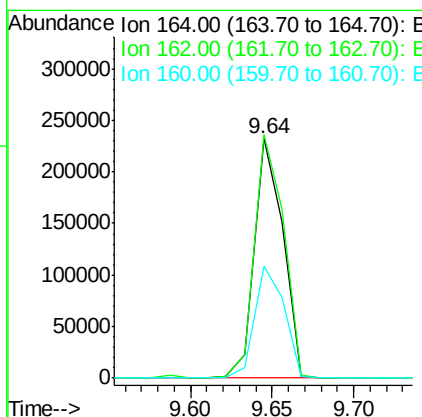
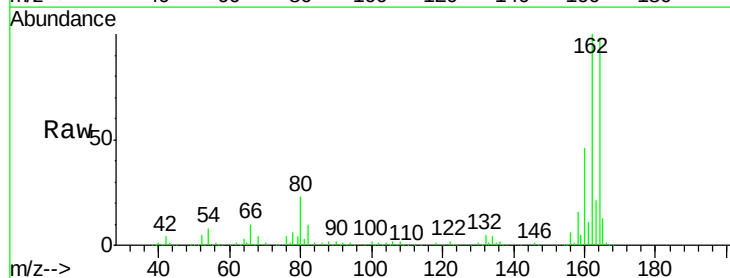
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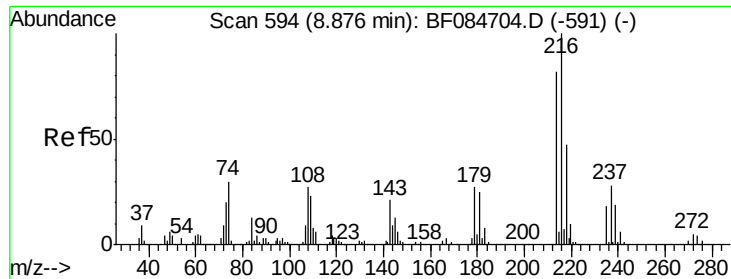
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.02 min
 Lab File: BF085045.D
 Acq: 12 Feb 2016 6:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	101.7	85.1	127.7
160	46.7	37.5	56.3





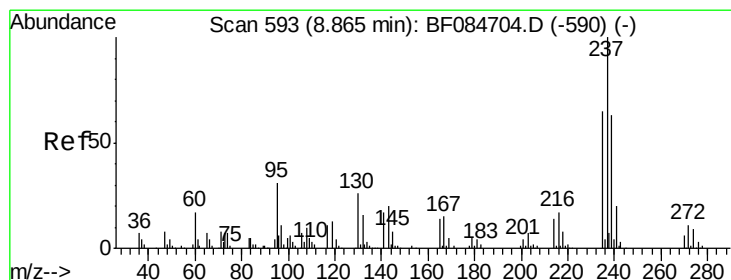
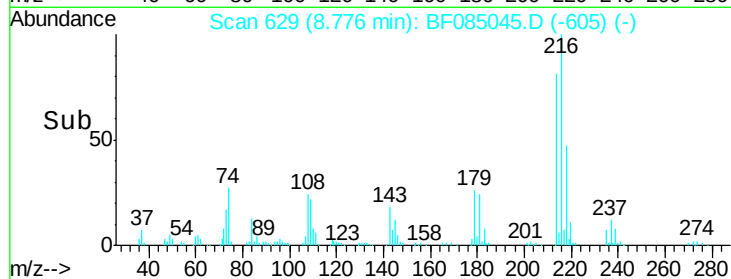
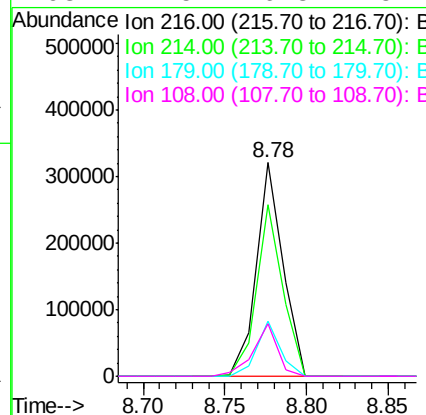
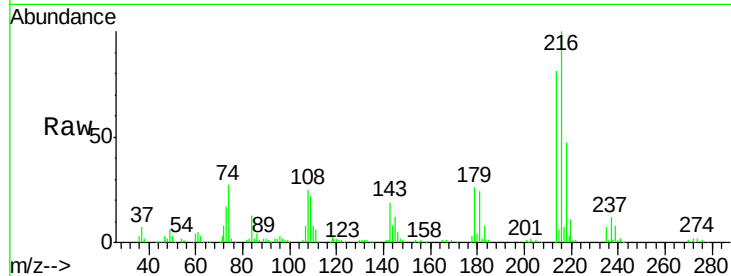
#39
1,2,4,5-Tetrachlorobenzene
Concen: 40.62 ng
RT: 8.78 min Scan# 629
Delta R.T. -0.02 min
Lab File: BF085045.D
Acq: 12 Feb 2016 6:58

Instrument :
BNA_F
ClientSampled :
WC-1MS

Tgt Ion	Ratio	Resp Lower	Upper
216	100		
214	79.3	64.2	96.2
179	23.3	18.7	28.1
108	22.5	16.8	25.2

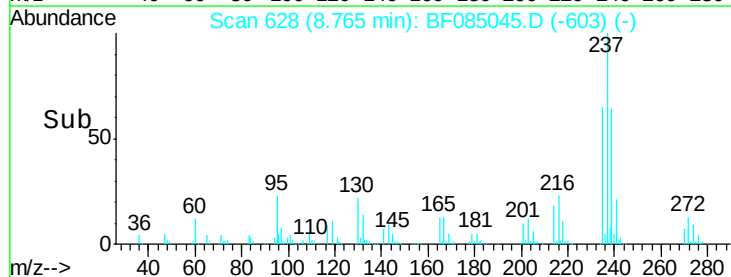
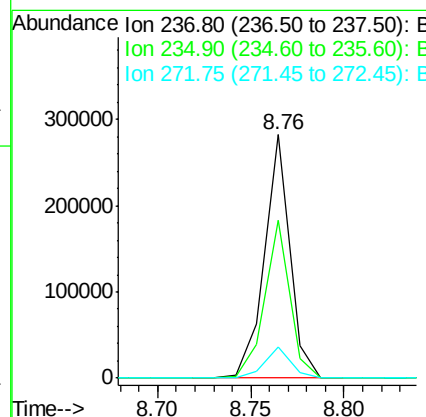
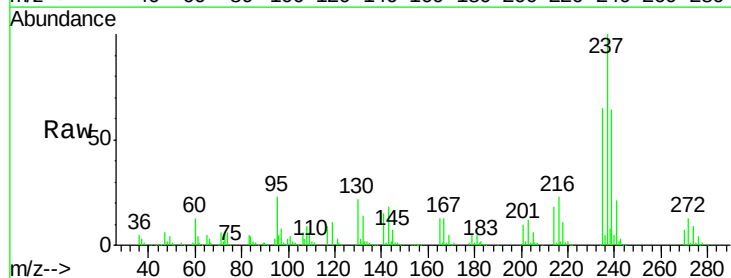
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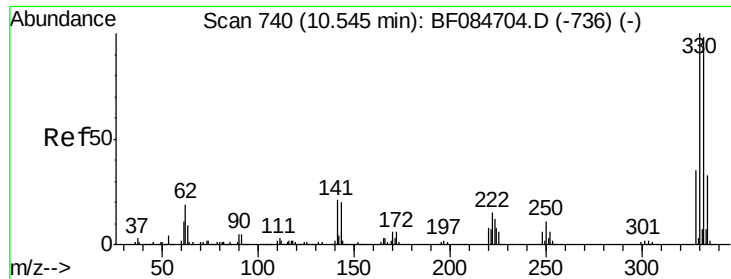
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#40
Hexachlorocyclopentadiene
Concen: 70.51 ng
RT: 8.76 min Scan# 628
Delta R.T. -0.01 min
Lab File: BF085045.D
Acq: 12 Feb 2016 6:58

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.8	43.1	83.1
272	13.0	0.0	35.1





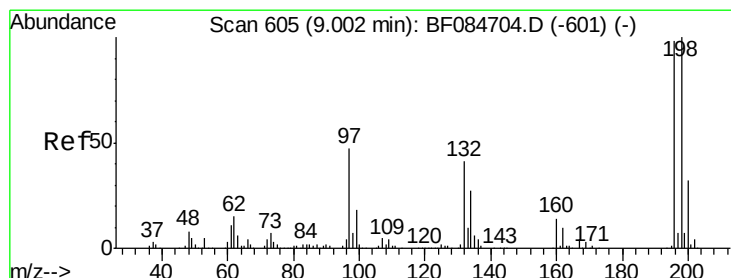
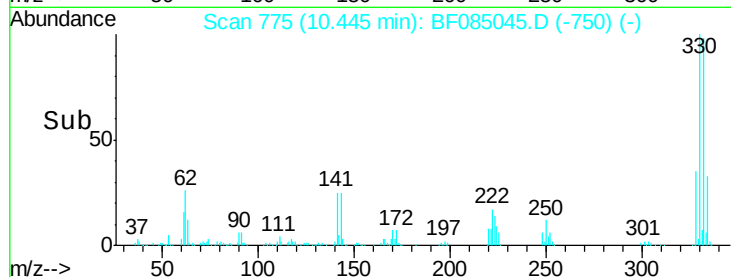
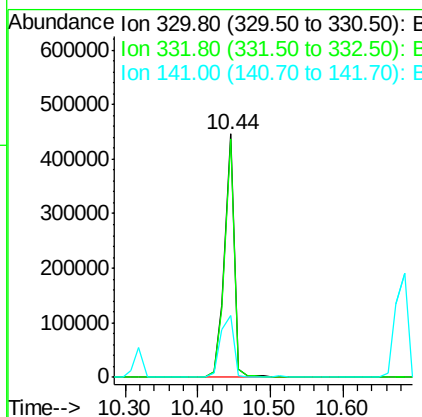
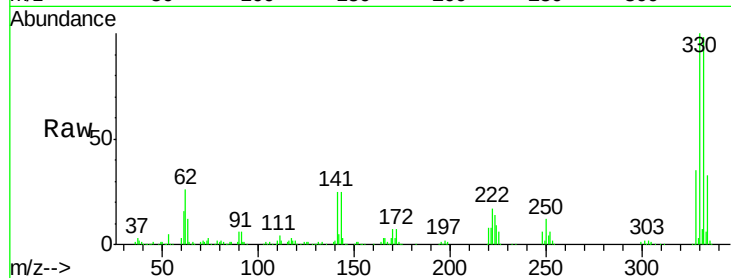
#41
 2,4,6-Tribromophenol
 Concen: 144.40 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF085045.D
 Acq: 12 Feb 2016 6:58

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	423785		
332	97.7	76.6	114.8	
141	35.1	27.8	41.6	

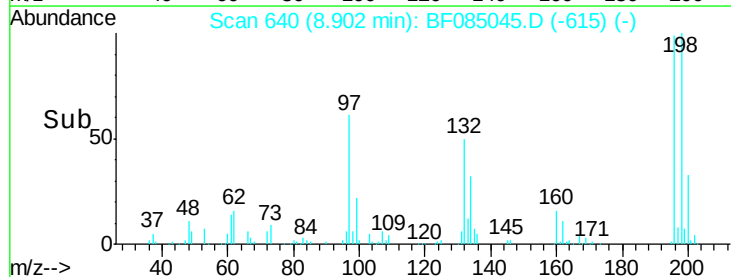
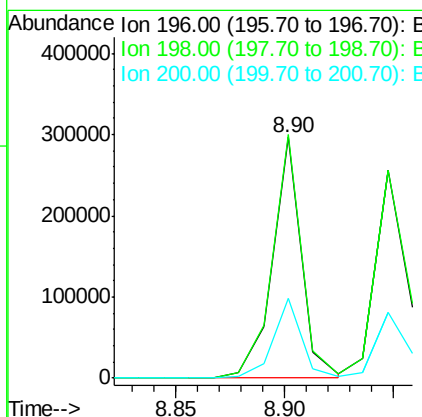
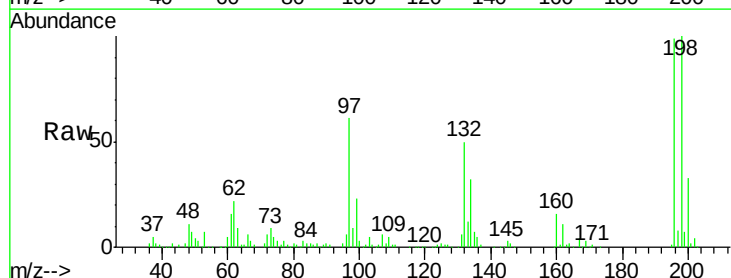
Manual Integrations
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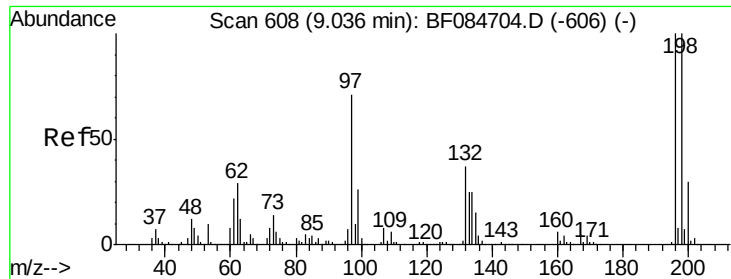
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#42
 2,4,6-Trichlorophenol
 Concen: 48.11 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.01 min
 Lab File: BF085045.D
 Acq: 12 Feb 2016 6:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	276972		
198	101.2	77.7	116.5	
200	33.1	24.6	37.0	





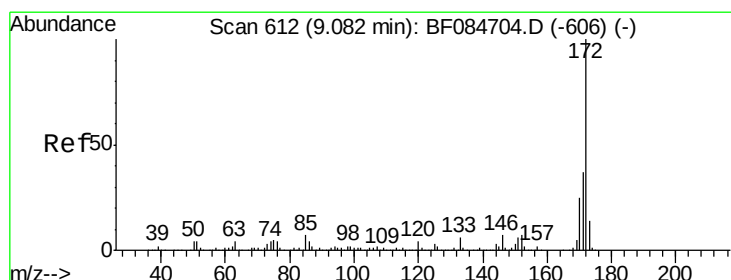
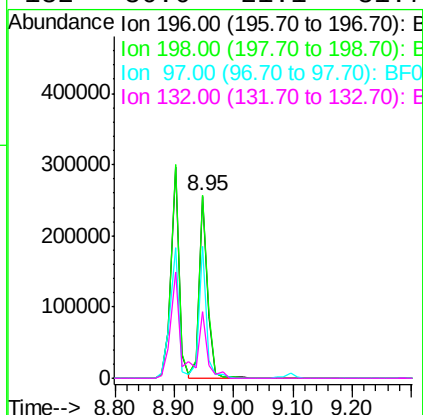
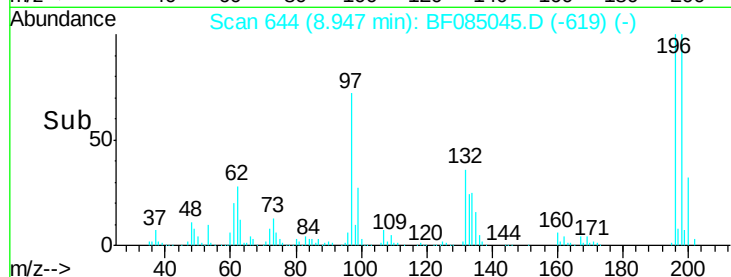
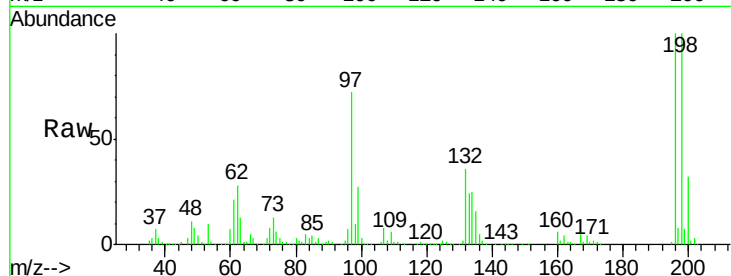
#43
 2,4,5-Trichlorophenol
 Concen: 45.25 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.01 min
 Lab File: BF085045.D
 Acq: 12 Feb 2016 6:58

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	264696		
198	100.5	79.0	118.6	
97	72.5	33.0	49.6	
132	36.6	21.1	31.7	

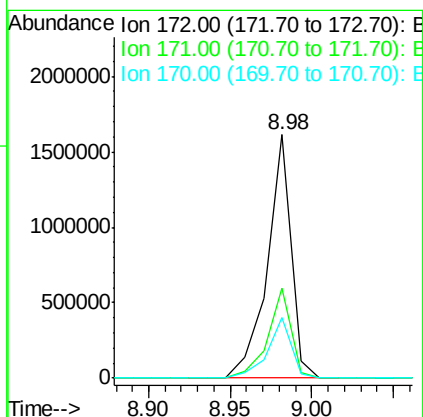
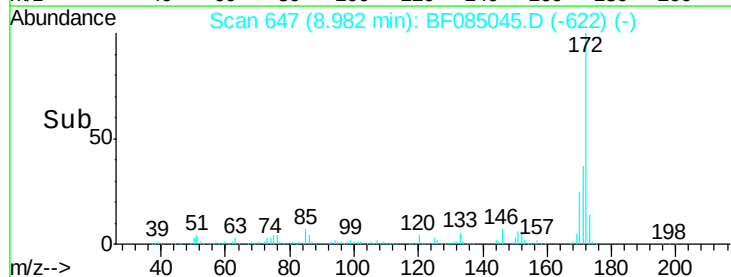
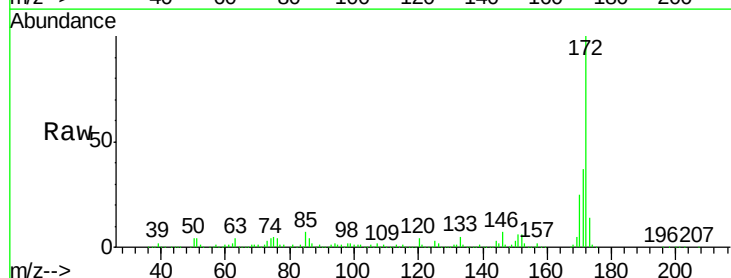
Manual Integrations
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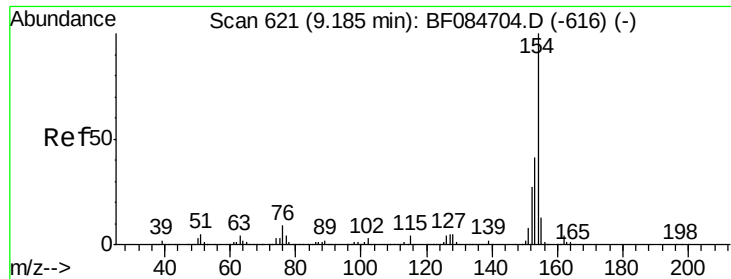
Sohil
 2/12/2016 12:31:47 PM



#44
 2-Fluorobiphenyl
 Concen: 108.67 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF085045.D
 Acq: 12 Feb 2016 6:58

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1646621		
171	36.7	28.9	43.3	
170	25.1	18.6	27.8	





#45

1,1'-Biphenyl

Concen: 45.96 ng

RT: 9.08 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF085045.D

Acq: 12 Feb 2016 6:58

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion:154 Resp: 1154972

Ion Ratio Lower Upper

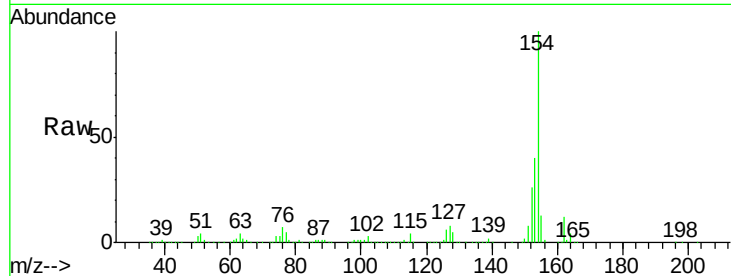
154 100

153 40.5 21.6 61.6

76 7.2 0.0 32.7

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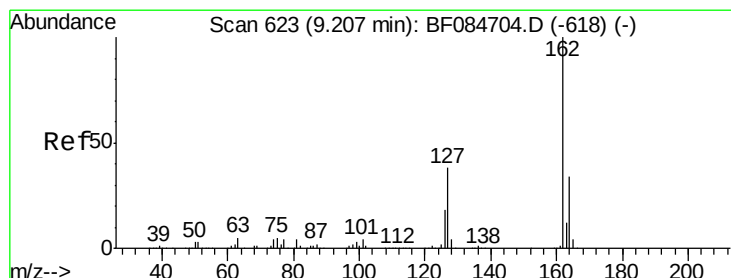
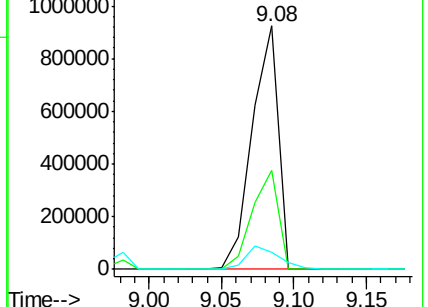
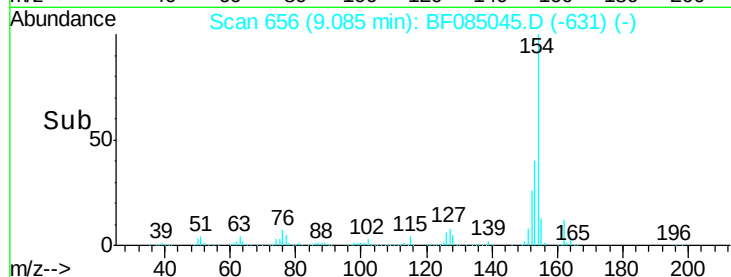
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 43.77 ng

RT: 9.10 min Scan# 657

Delta R.T. -0.02 min

Lab File: BF085045.D

Acq: 12 Feb 2016 6:58

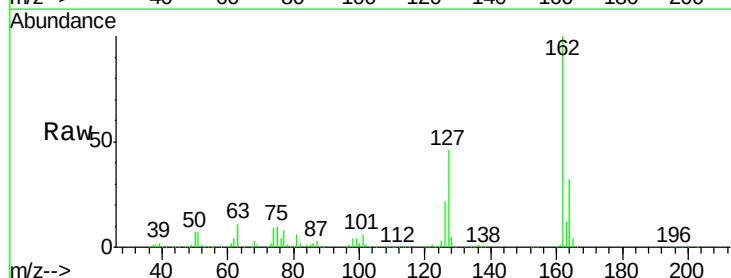
Tgt Ion:162 Resp: 810073

Ion Ratio Lower Upper

162 100

127 46.4 40.2 60.4

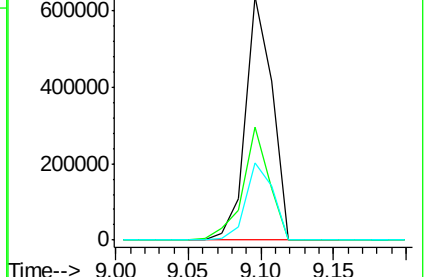
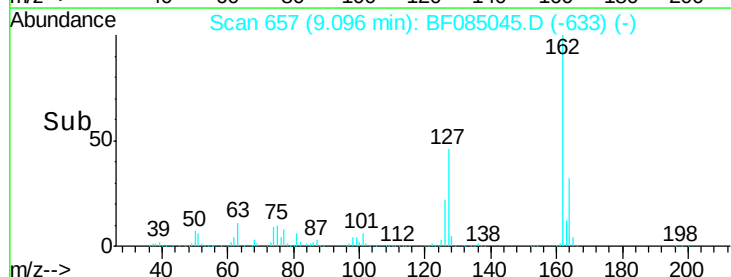
164 31.9 25.7 38.5

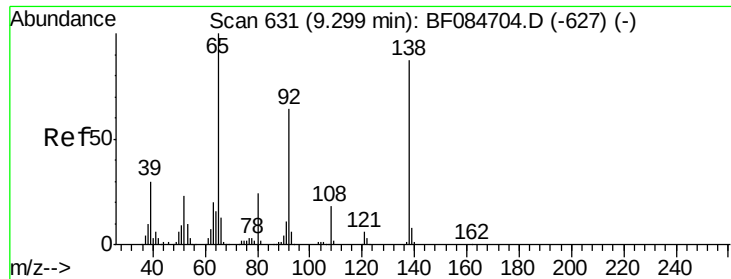


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 52.43 ng

RT: 9.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BF085045.D

Acq: 12 Feb 2016 6:58

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion: 65 Resp: 307228
Ion Ratio Lower Upper

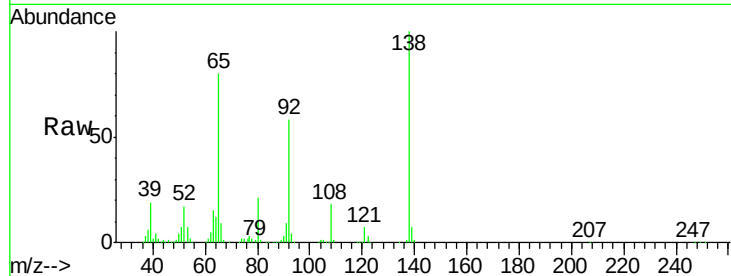
65 100

92 73.0 53.4 80.2

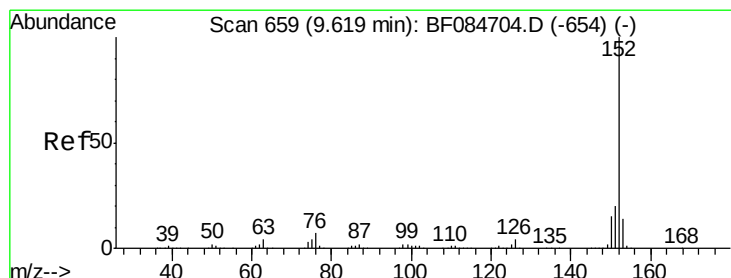
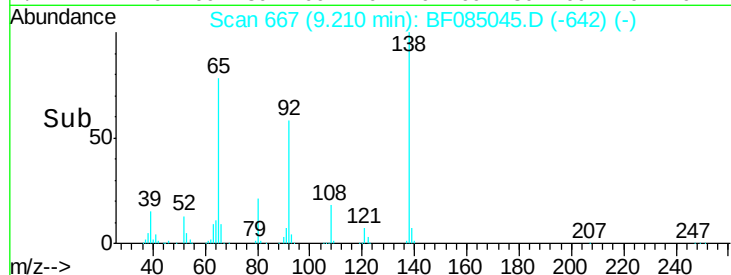
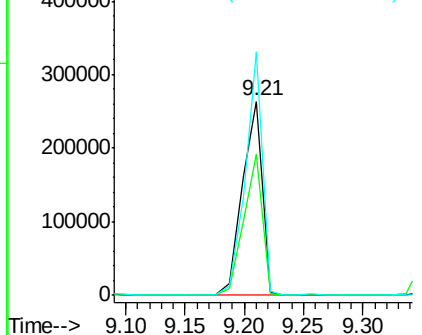
138 125.6 71.1 106.7#

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Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 44.02 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.02 min

Lab File: BF085045.D

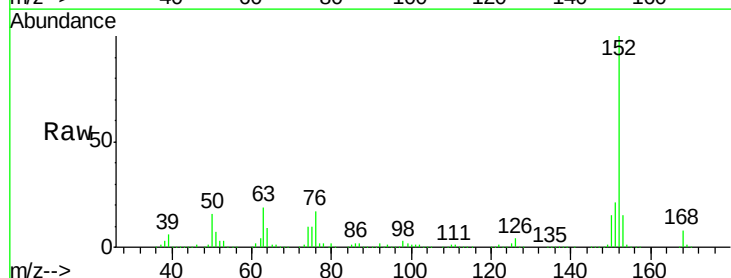
Acq: 12 Feb 2016 6:58

Tgt Ion: 152 Resp: 1236171
Ion Ratio Lower Upper

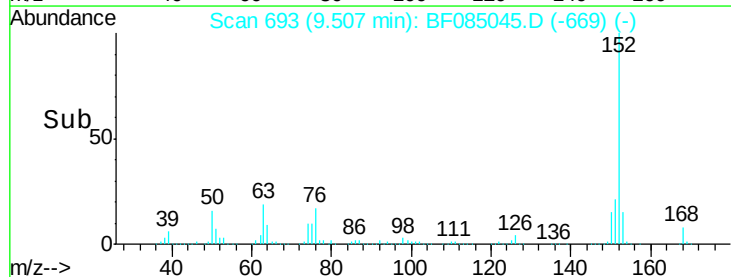
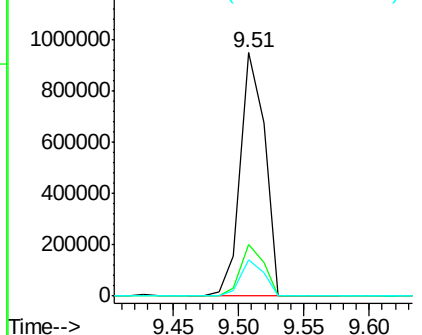
152 100

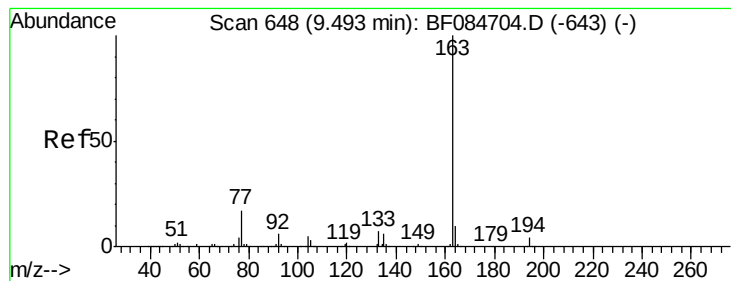
151 21.0 16.3 24.5

153 14.7 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 44.77 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF085045.D

Acq: 12 Feb 2016 6:58

Instrument :

BNA_F

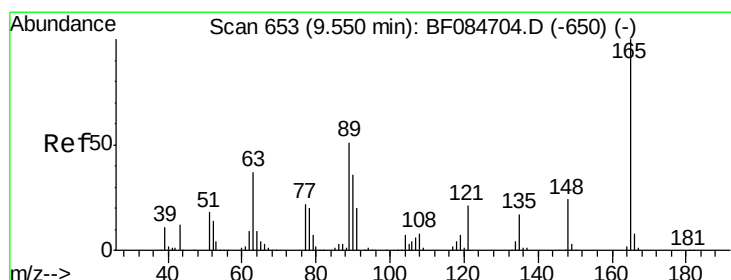
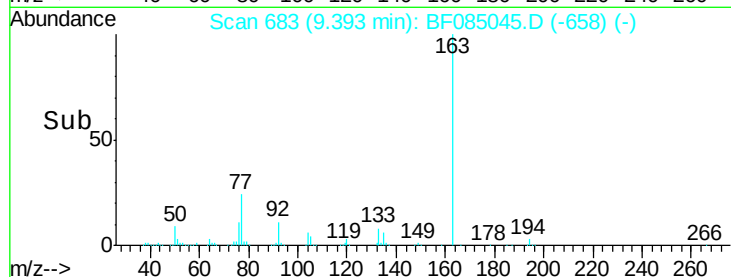
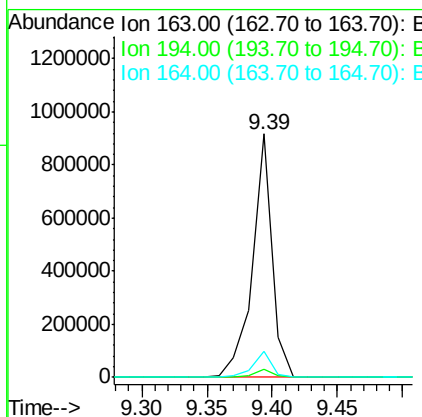
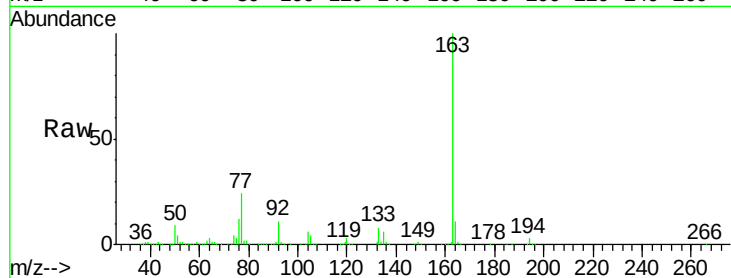
ClientSampleId :

WC-1MS

Tgt	Ion:163	Resp:	959390
Ion	Ratio	Lower	Upper
163	100		
194	3.2	8.0	12.0#
164	10.7	8.0	12.0

Manual Integrations
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#50

2,6-Dinitrotoluene

Concen: 42.07 ng

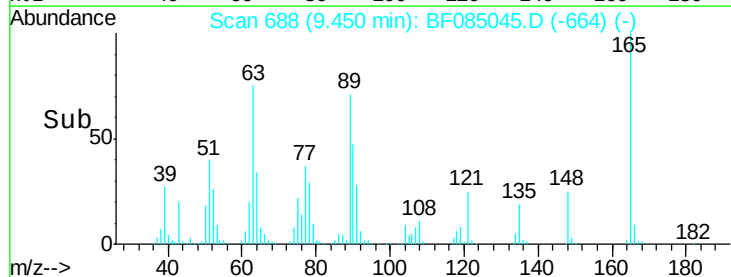
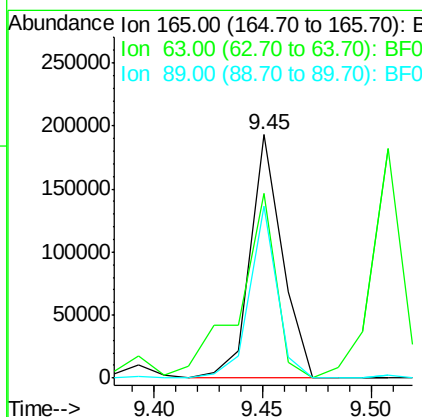
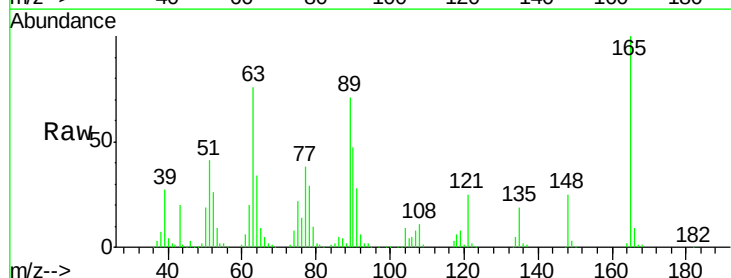
RT: 9.45 min Scan# 688

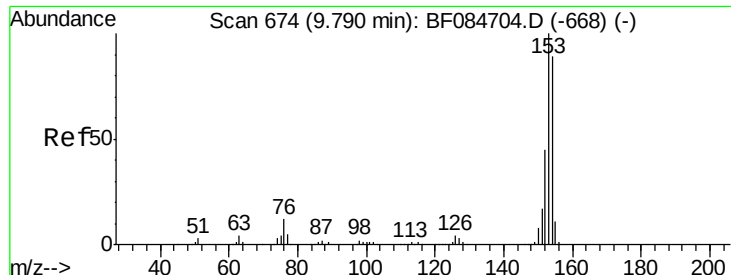
Delta R.T. -0.02 min

Lab File: BF085045.D

Acq: 12 Feb 2016 6:58

Tgt	Ion:165	Resp:	196932
Ion	Ratio	Lower	Upper
165	100		
63	75.7	28.8	43.2#
89	70.9	35.1	52.7#





#51

Acenaphthene

Concen: 43.91 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF085045.D

Acq: 12 Feb 2016 6:58

Instrument :

BNA_F

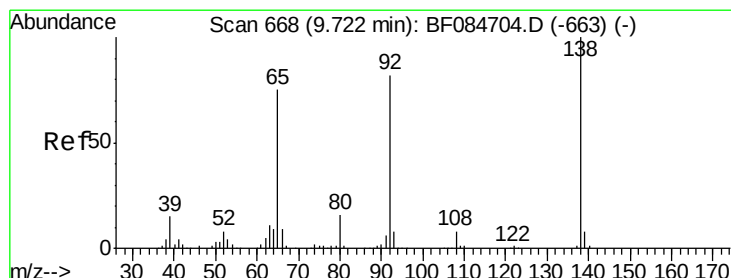
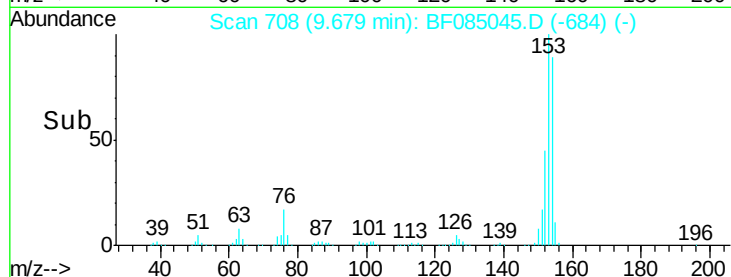
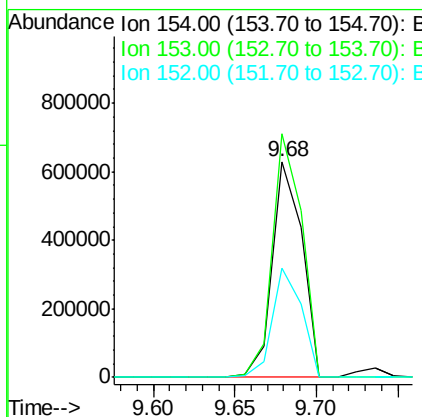
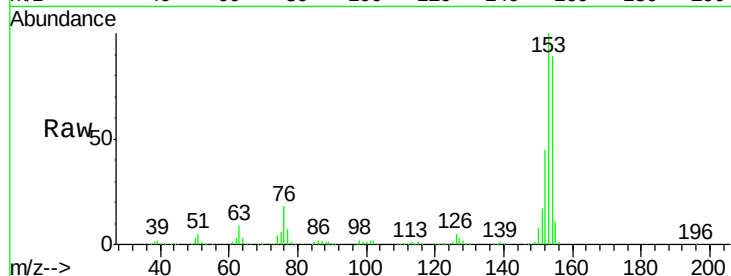
ClientSampleId :

WC-1MS

Tgt Ion:	154	Resp:	802218
Ion Ratio	Lower	Upper	
154	100		
153	112.9	91.5	137.3
152	50.6	43.0	64.6

Manual Integrations
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#52

3-Nitroaniline

Concen: 27.82 ng

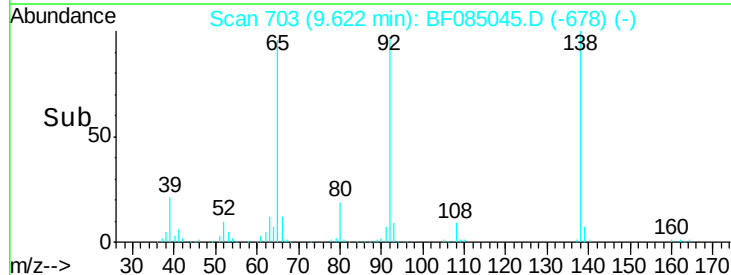
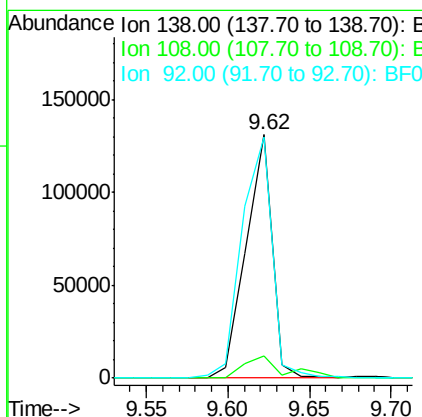
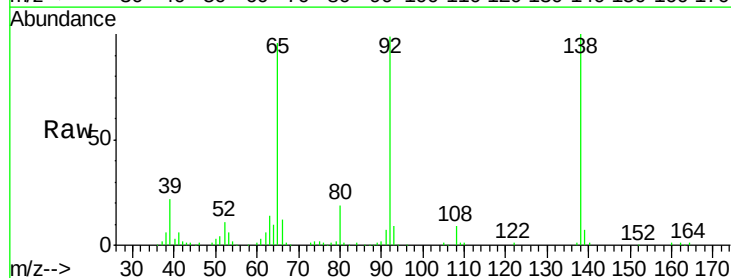
RT: 9.62 min Scan# 703

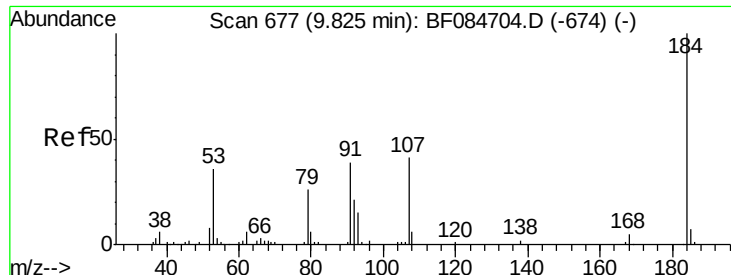
Delta R.T. -0.01 min

Lab File: BF085045.D

Acq: 12 Feb 2016 6:58

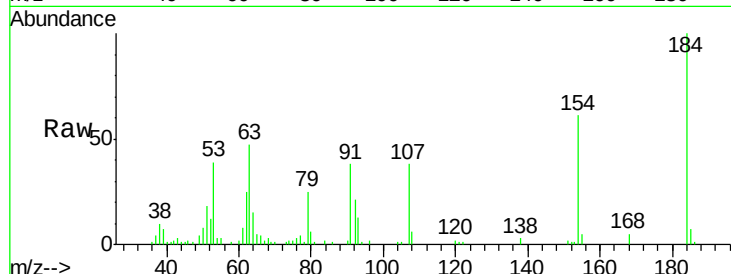
Tgt Ion:	138	Resp:	146349
Ion Ratio	Lower	Upper	
138	100		
108	9.3	10.5	15.7#
92	98.9	103.9	155.9#





#53
 2,4-Dinitrophenol
 Concen: 29.77 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: BF085045.D
 Acq: 12 Feb 2016 6:58

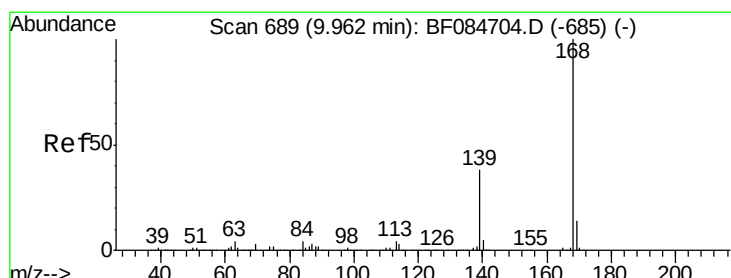
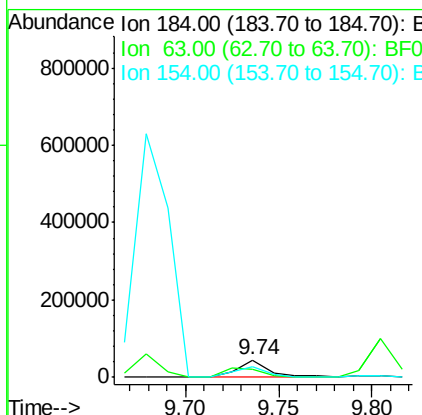
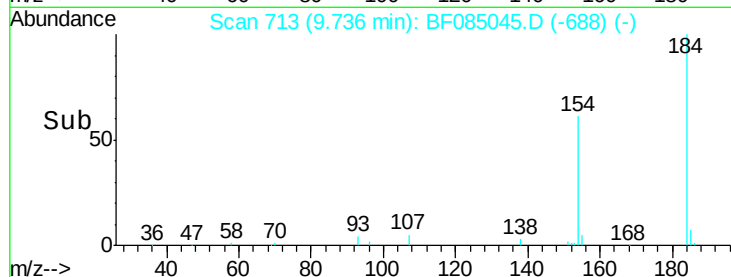
Instrument :
 BNA_F
 ClientSampled :
 WC-1MS



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	55830		
63	47.1		43.1	64.7
154	60.8		60.5	90.7

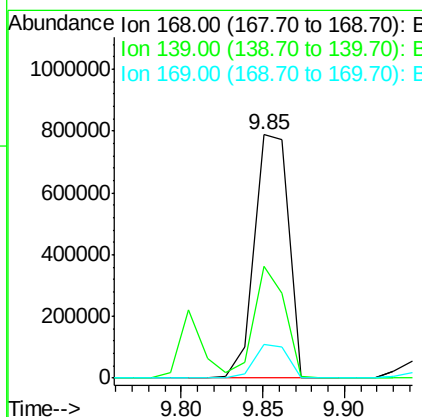
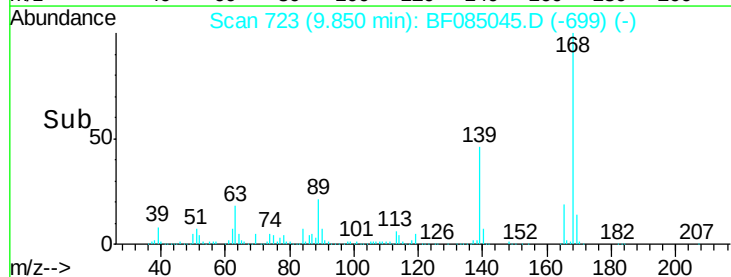
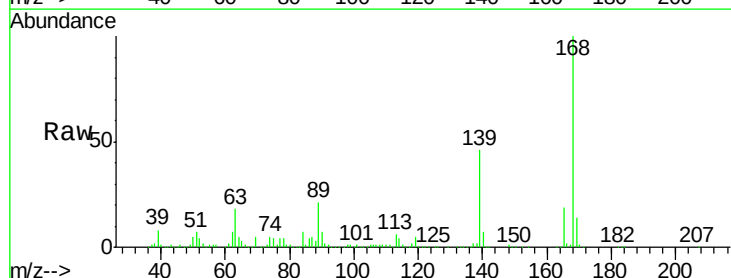
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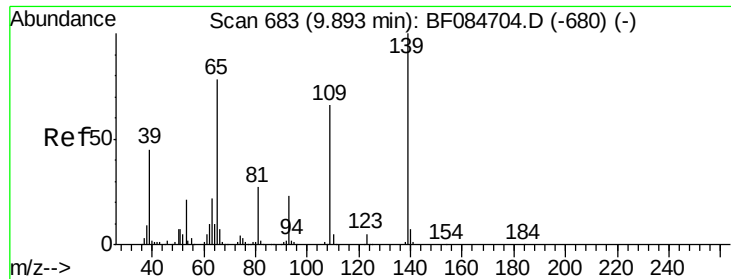
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#54
 Dibenzofuran
 Concen: 51.25 ng
 RT: 9.85 min Scan# 723
 Delta R.T. -0.02 min
 Lab File: BF085045.D
 Acq: 12 Feb 2016 6:58

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1144467		
139	45.8		30.5	45.7#
169	14.0		10.4	15.6





#55

4-Nitrophenol

Concen: 56.99 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF085045.D

Acq: 12 Feb 2016 6:58

Instrument :

BNA_F

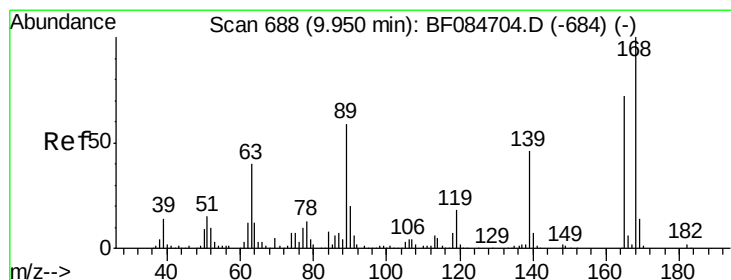
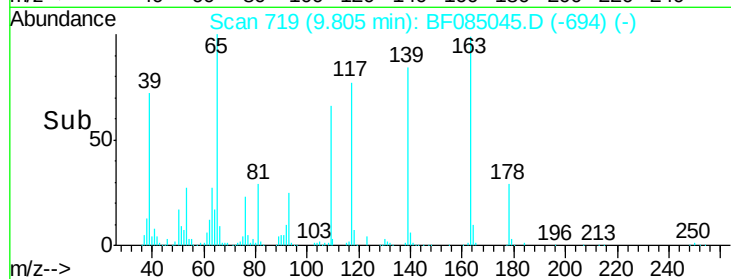
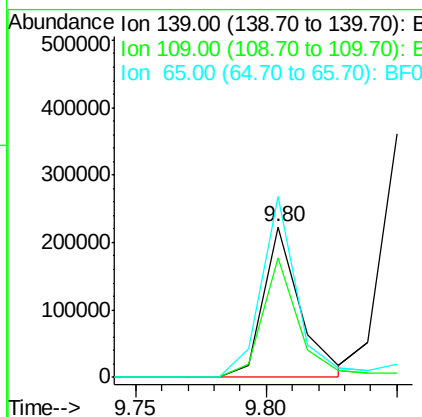
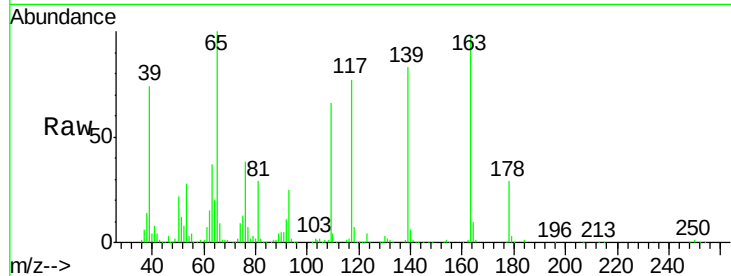
ClientSampled :

WC-1MS

Tgt Ion:	139	Resp:	220317
Ion Ratio	Lower	Upper	
139	100		
109	79.3	58.5	98.5
65	119.9	57.6	97.6#

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#56

2,4-Dinitrotoluene

Concen: 51.66 ng

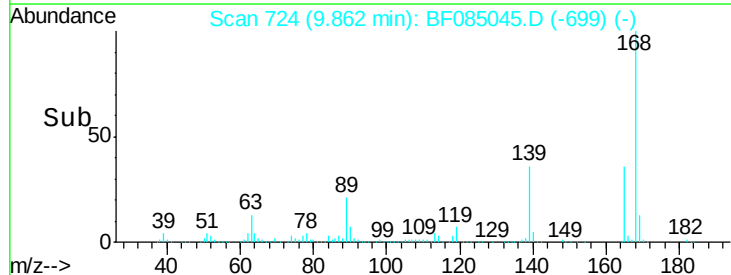
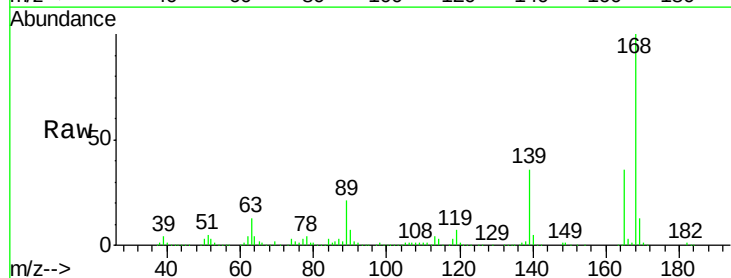
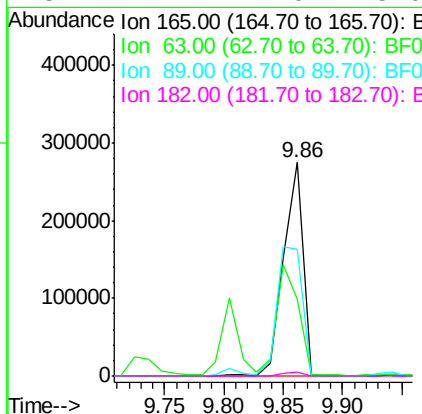
RT: 9.86 min Scan# 724

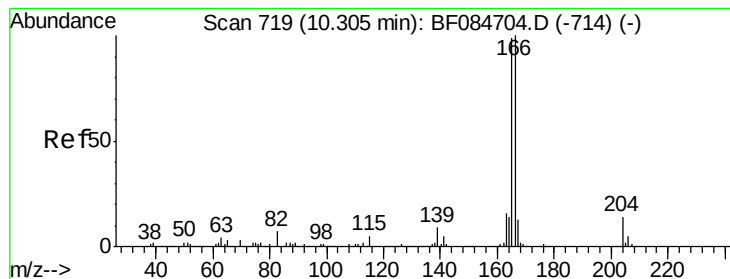
Delta R.T. -0.01 min

Lab File: BF085045.D

Acq: 12 Feb 2016 6:58

Tgt Ion:	165	Resp:	308477
Ion Ratio	Lower	Upper	
165	100		
63	35.9	36.7	55.1#
89	59.3	61.9	92.9#
182	2.1	2.0	3.0





#57

Fluorene

Concen: 45.69 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF085045.D

Acq: 12 Feb 2016 6:58

Instrument :

BNA_F

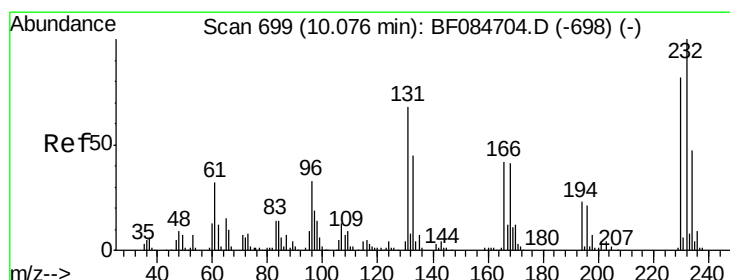
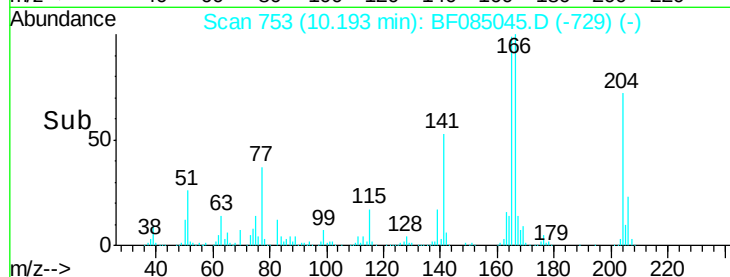
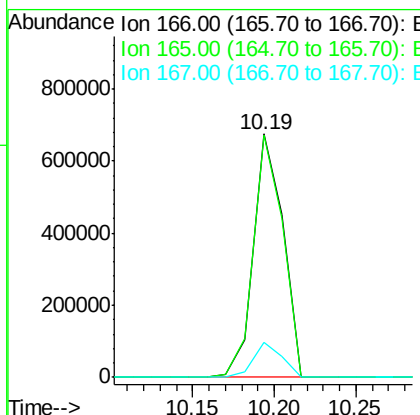
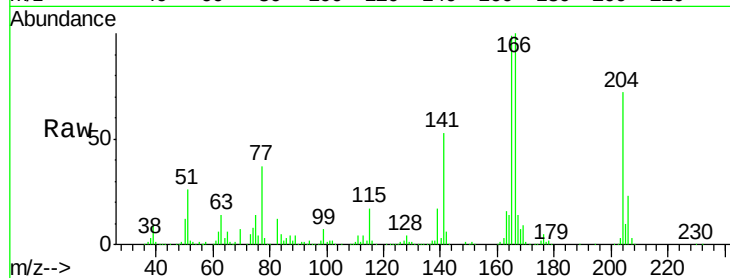
ClientSampled :

WC-1MS

Tgt Ion:	166	Resp:	852078
Ion Ratio		Lower	Upper
166	100		
165	99.5	79.1	118.7
167	14.1	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 50.10 ng

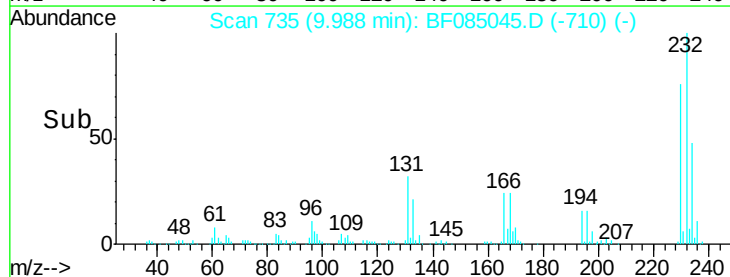
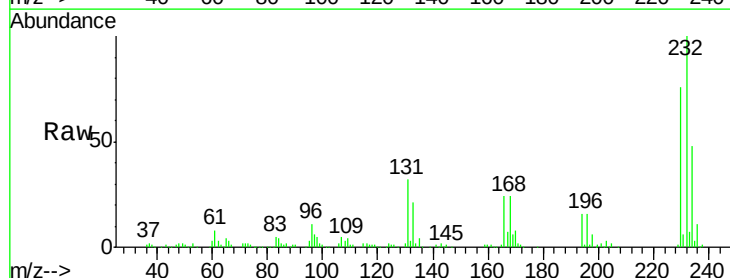
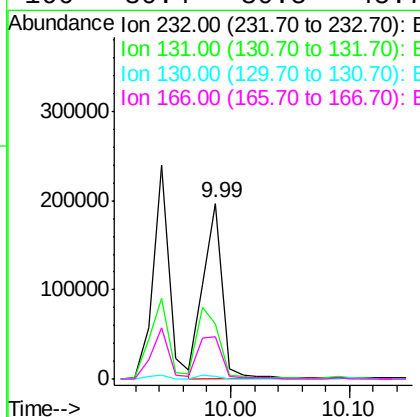
RT: 9.99 min Scan# 735

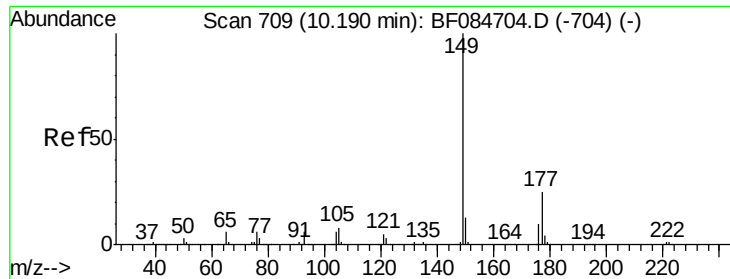
Delta R.T. -0.01 min

Lab File: BF085045.D

Acq: 12 Feb 2016 6:58

Tgt Ion:	232	Resp:	223068
Ion Ratio		Lower	Upper
232	100		
131	47.1	47.0	70.6
130	2.5	2.0	3.0
166	30.4	30.5	45.7#





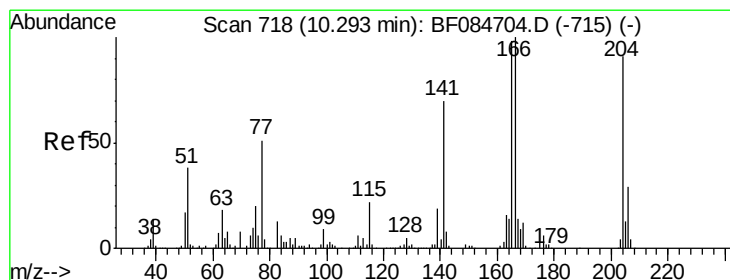
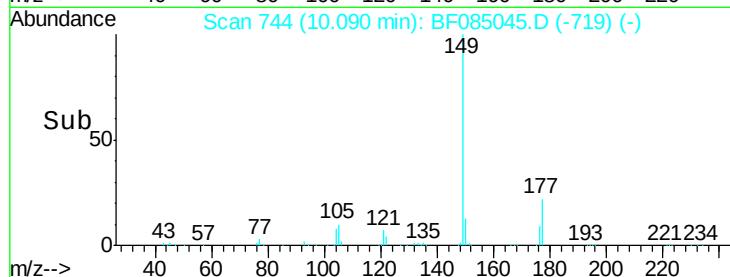
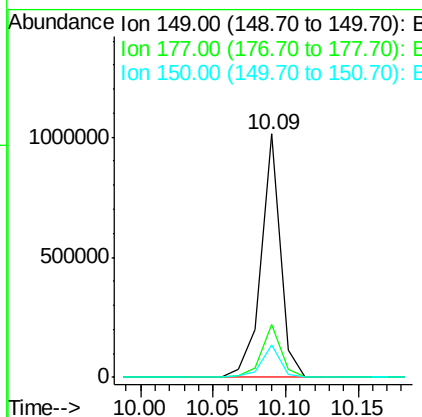
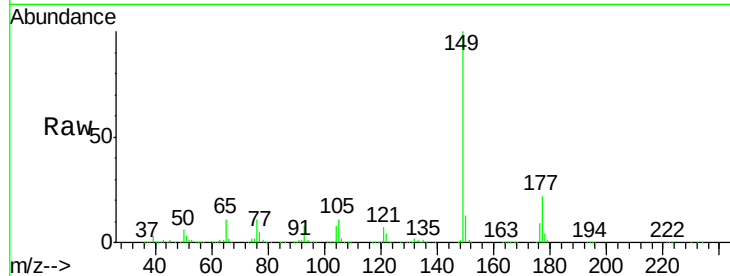
#59
Diethylphthalate
Concen: 44.74 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF085045.D
Acq: 12 Feb 2016 6:58

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	21.8	17.3	25.9
150	13.5	9.8	14.8

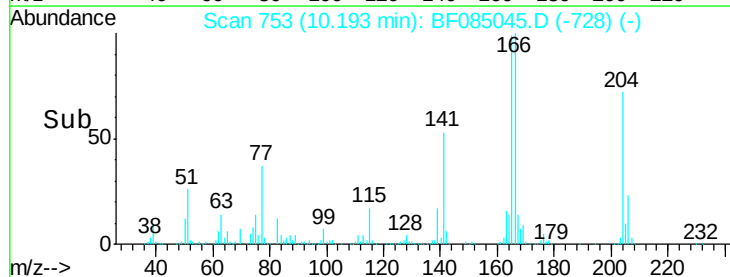
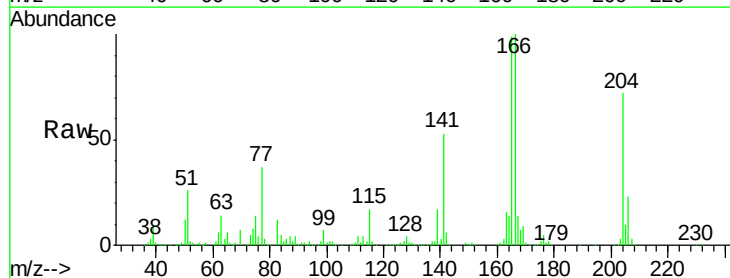
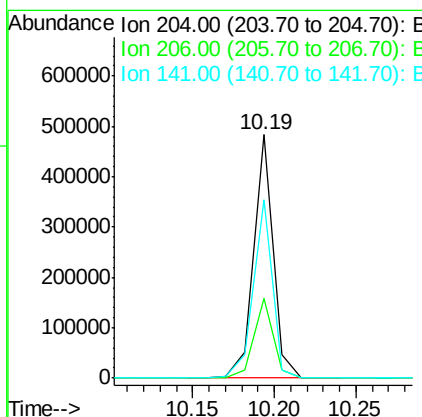
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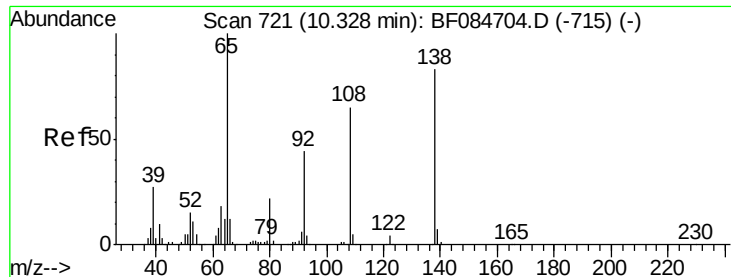
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#60
4-Chlorophenyl-phenylether
Concen: 52.45 ng
RT: 10.19 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF085045.D
Acq: 12 Feb 2016 6:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	32.6	25.7	38.5
141	73.4	55.1	82.7





#61

4-Nitroaniline

Concen: 48.59 ng

RT: 10.24 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF085045.D

Acq: 12 Feb 2016 6:58

Instrument :

BNA_F

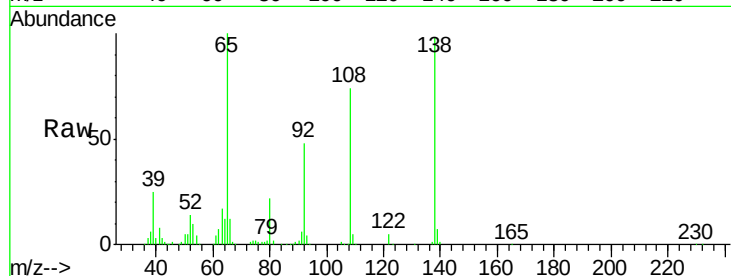
ClientSampled :

WC-1MS

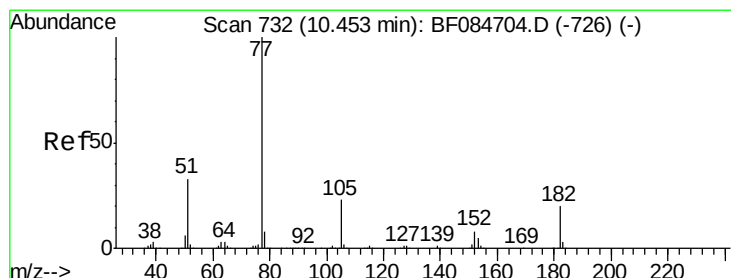
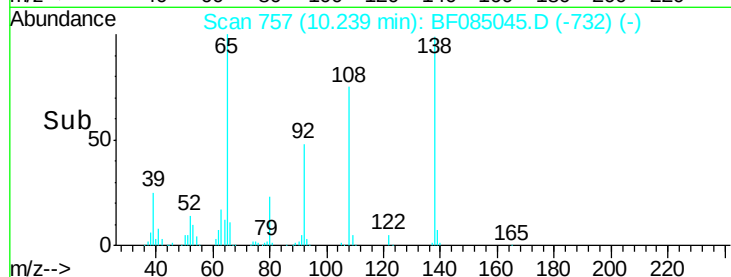
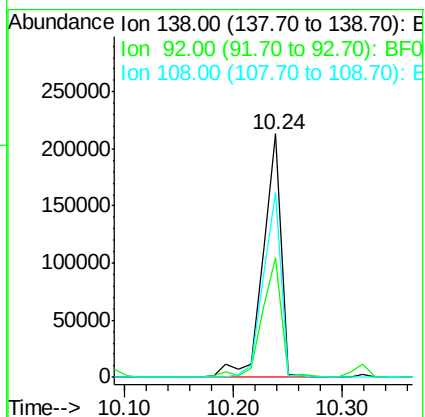
Manual Integrations
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Tgt Ion:	138	Resp:	249067
Ion Ratio	Lower	Upper	
138	100		
92	49.1	32.6	72.6
108	75.8	68.6	108.6



#62

Azobenzene

Concen: 52.95 ng

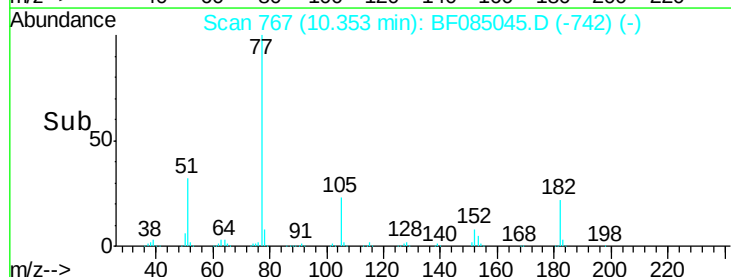
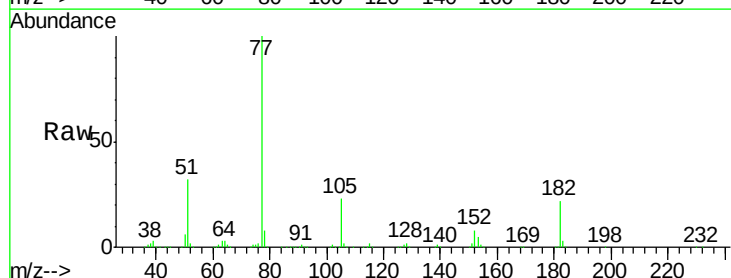
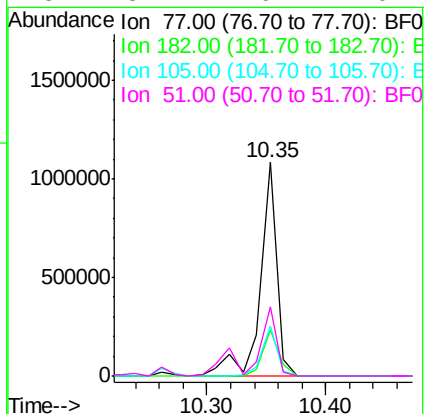
RT: 10.35 min Scan# 767

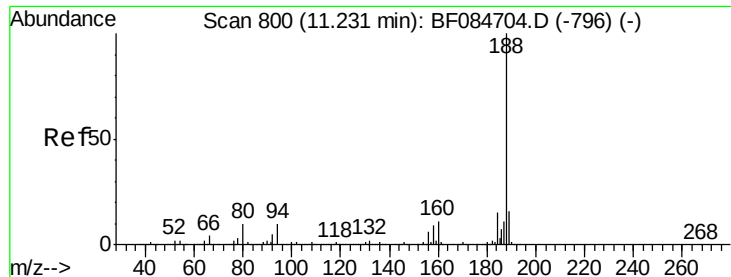
Delta R.T. -0.01 min

Lab File: BF085045.D

Acq: 12 Feb 2016 6:58

Tgt Ion:	77	Resp:	1065402
Ion Ratio	Lower	Upper	
77	100		
182	21.7	8.3	48.3
105	23.3	4.6	44.6
51	32.4	6.2	46.2





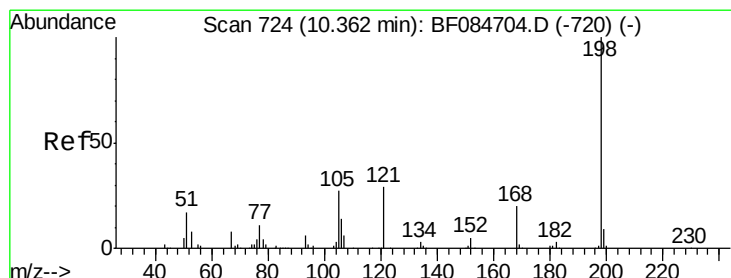
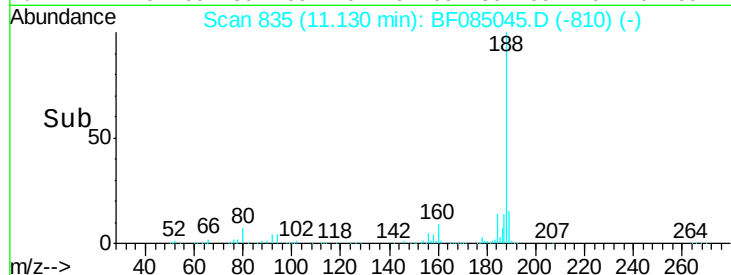
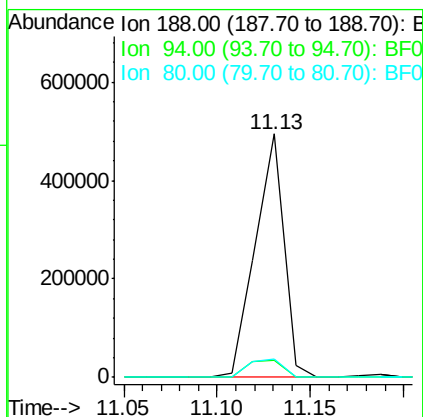
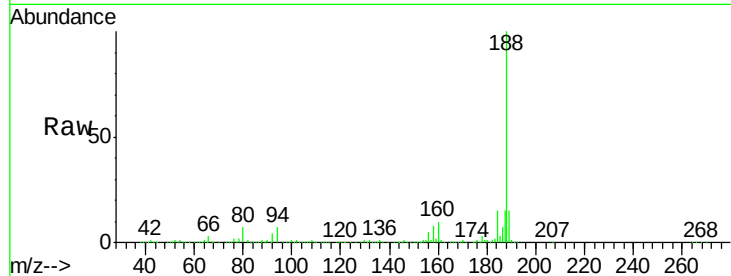
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF085045.D
Acq: 12 Feb 2016 6:58

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.2	9.0	13.4#
80	7.4	9.6	14.4#

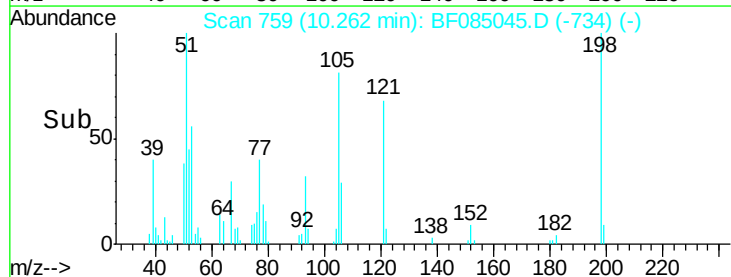
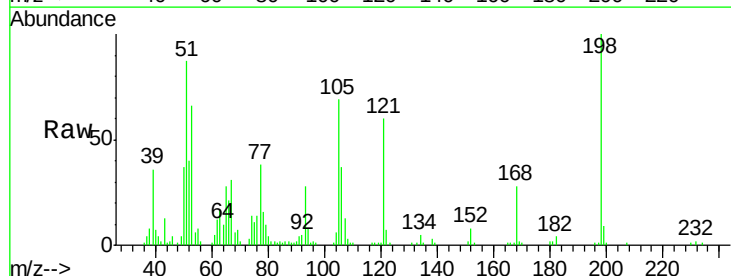
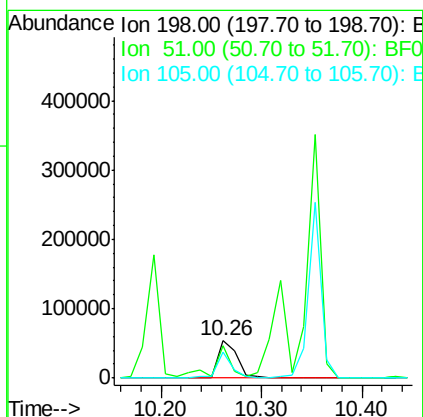
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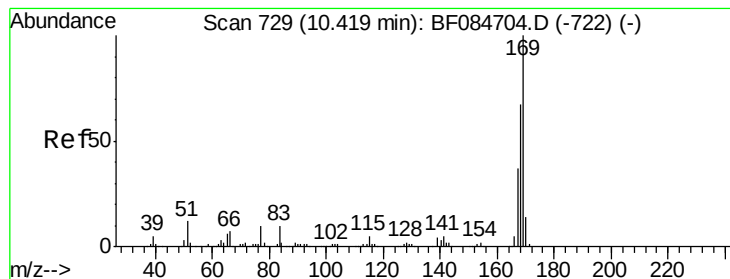
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#64
4,6-Dinitro-2-methylphenol
Concen: 21.56 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF085045.D
Acq: 12 Feb 2016 6:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	87.2	18.9	58.9#
105	69.4	26.4	66.4#





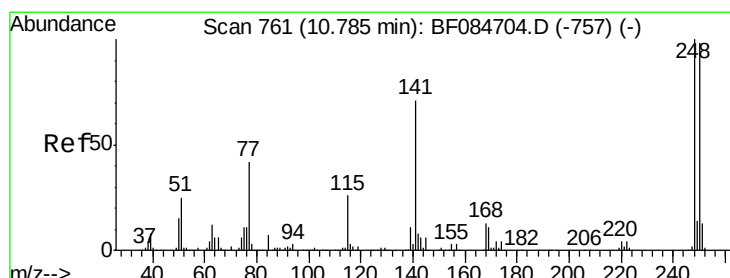
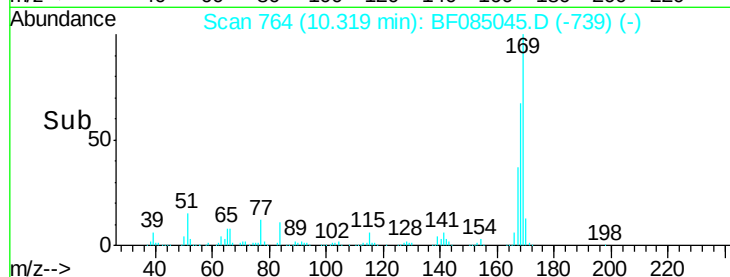
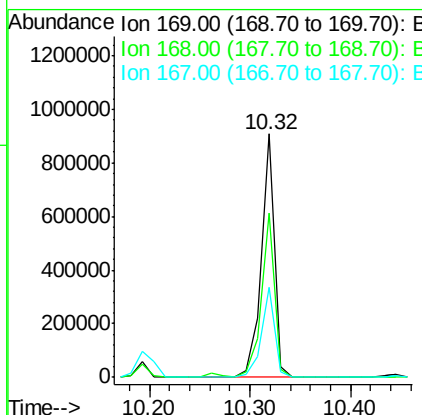
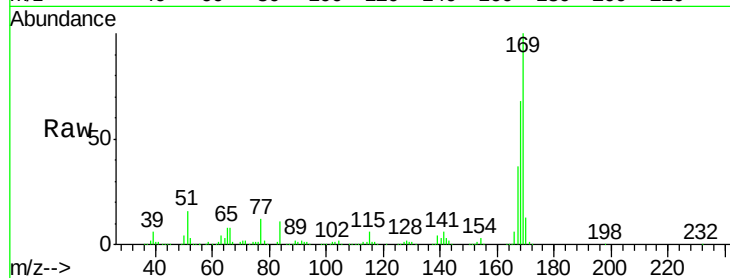
#65
n-Nitrosodiphenylamine
Concen: 49.26 ng
RT: 10.32 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF085045.D
Acq: 12 Feb 2016 6:58

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	821340		
168	67.5	55.1	82.7	
167	37.2	30.0	45.0	

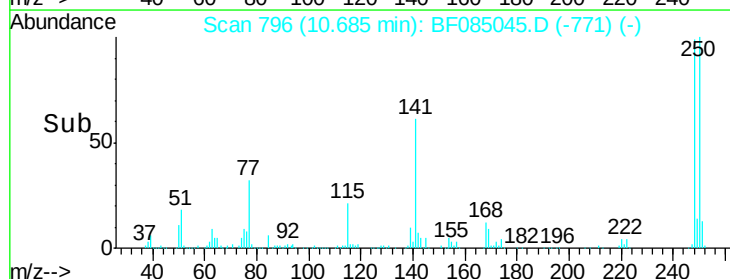
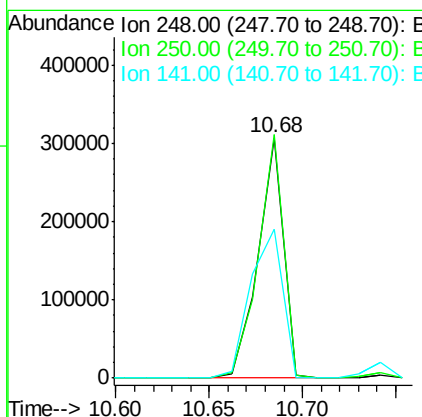
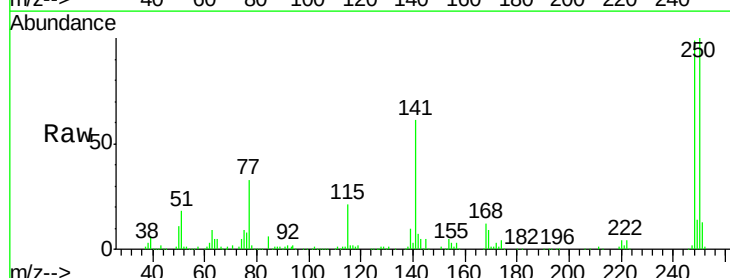
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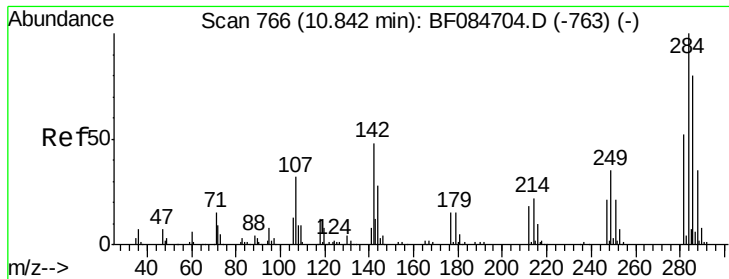
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#66
4-Bromophenyl-phenylether
Concen: 49.83 ng
RT: 10.68 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF085045.D
Acq: 12 Feb 2016 6:58

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	289006		
250	101.3	78.4	117.6	
141	61.9	44.0	66.0	





#67

Hexachlorobenzene

Concen: 43.69 ng

RT: 10.74 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF085045.D

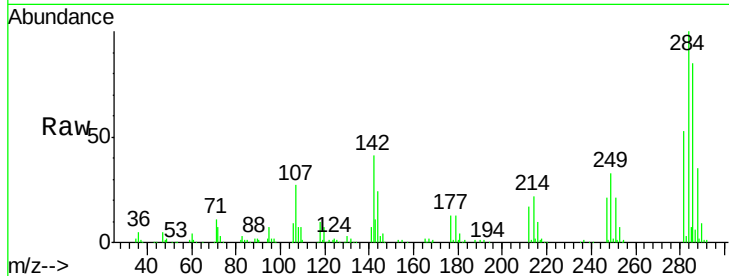
Acq: 12 Feb 2016 6:58

Instrument :

BNA_F

ClientSampleId :

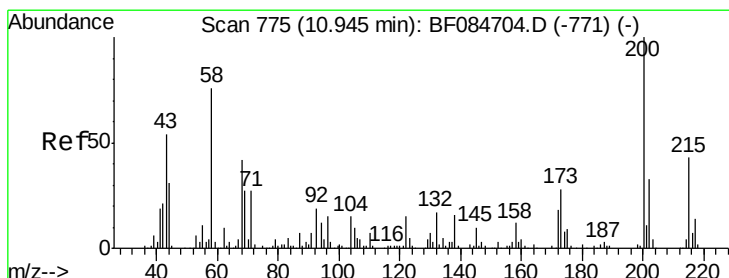
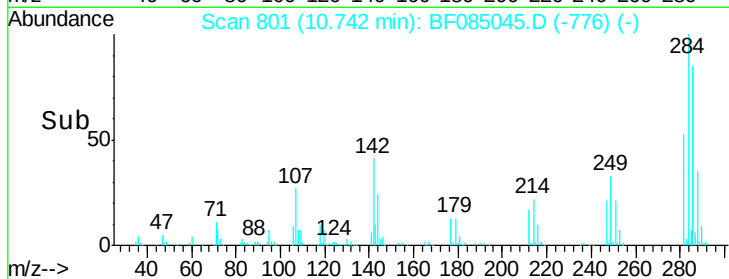
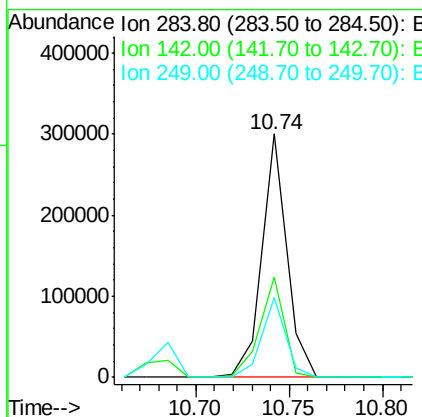
WC-1MS



Tgt Ion:	284	Resp:	276130
Ion Ratio	Lower	Upper	
284	100		
142	41.0	22.2	33.4#
249	33.0	24.6	37.0

Manual Integrations
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#68

Atrazine

Concen: 57.75 ng

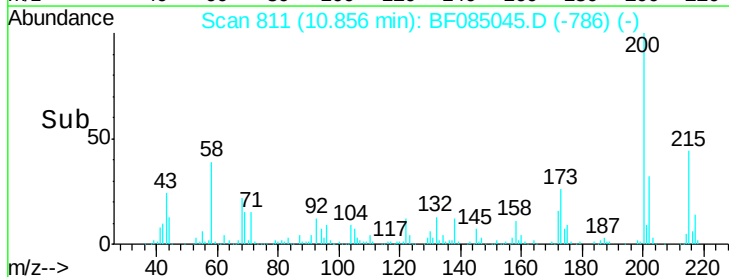
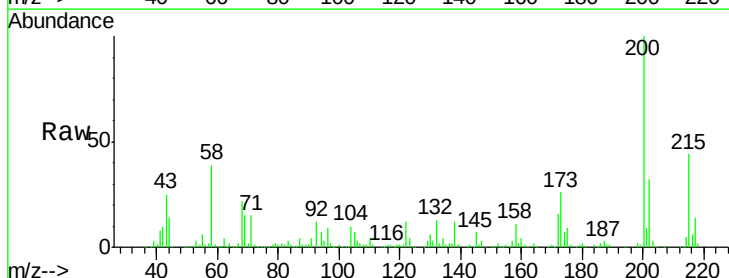
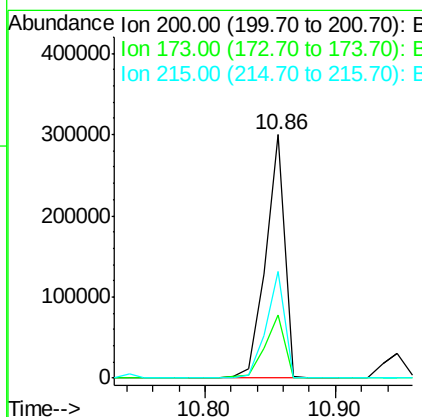
RT: 10.86 min Scan# 811

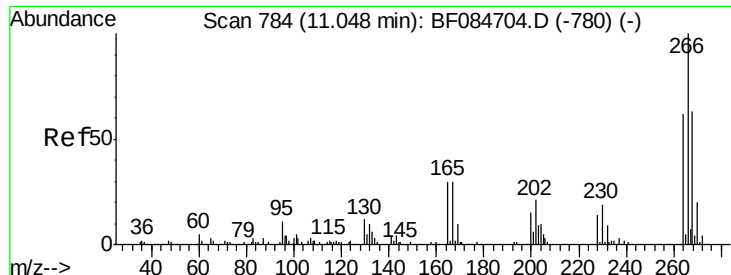
Delta R.T. -0.01 min

Lab File: BF085045.D

Acq: 12 Feb 2016 6:58

Tgt Ion:	200	Resp:	304085
Ion Ratio	Lower	Upper	
200	100		
173	26.0	9.5	49.5
215	43.7	23.8	63.8





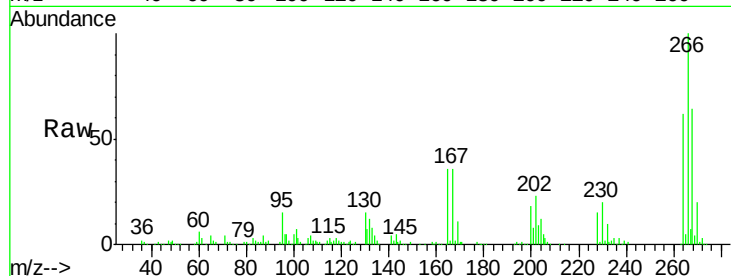
#69
 Pentachlorophenol
 Concen: 65.47 ng
 RT: 10.95 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF085045.D
 Acq: 12 Feb 2016 6:58

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

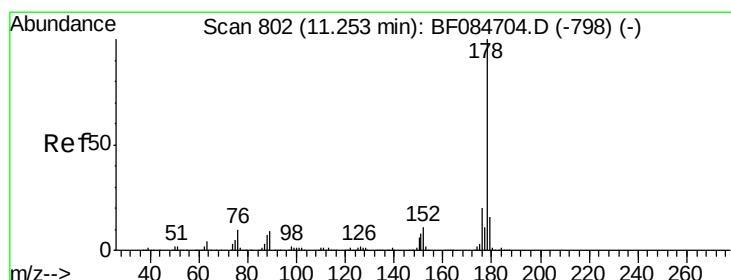
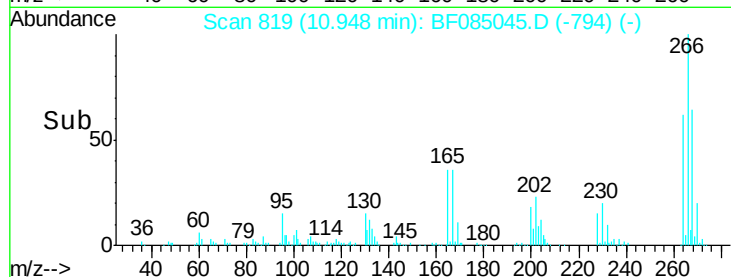
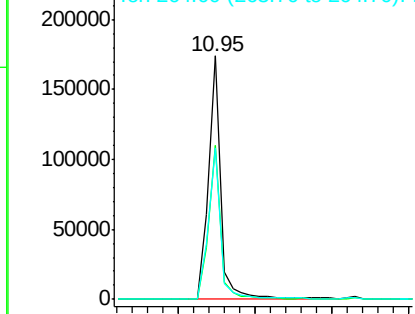
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	194440		
268	63.5	52.4	78.6	
264	62.2	50.2	75.2	

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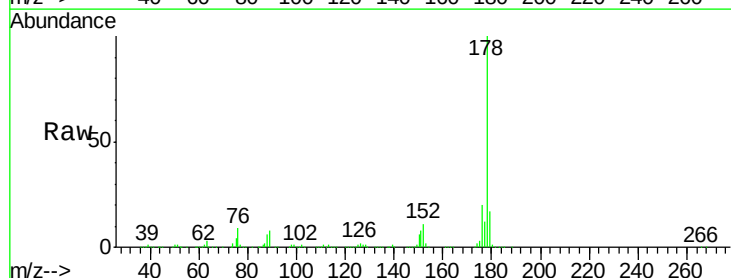


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

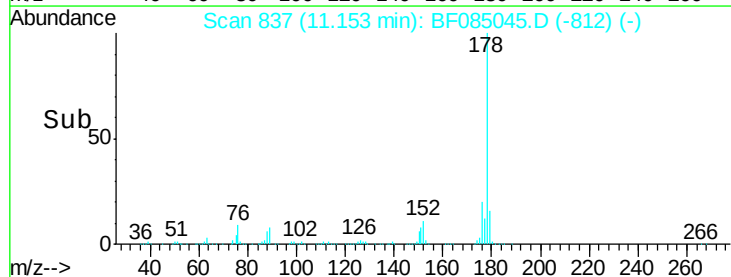
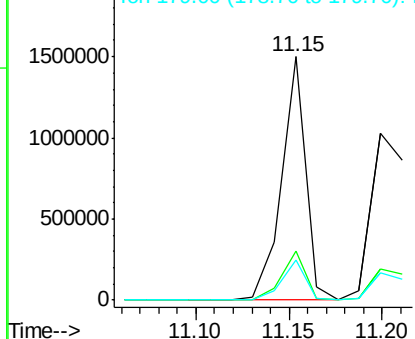


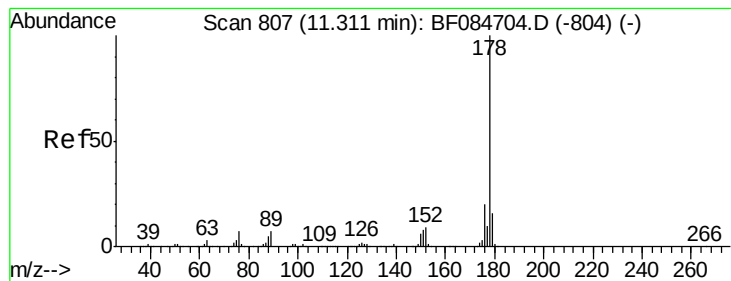
#70
 Phenanthrene
 Concen: 46.18 ng
 RT: 11.15 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF085045.D
 Acq: 12 Feb 2016 6:58

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1344887		
176	20.4	15.3	22.9	
179	16.5	12.0	18.0	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





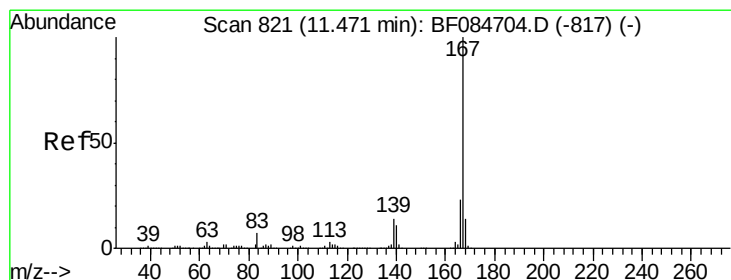
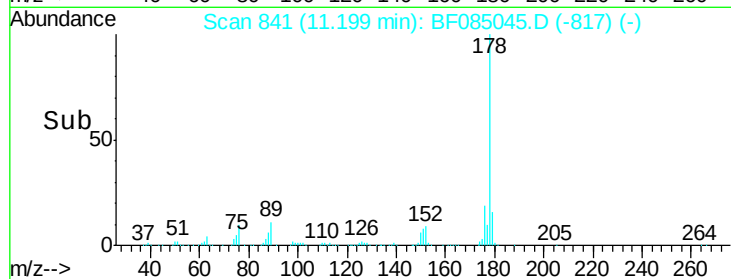
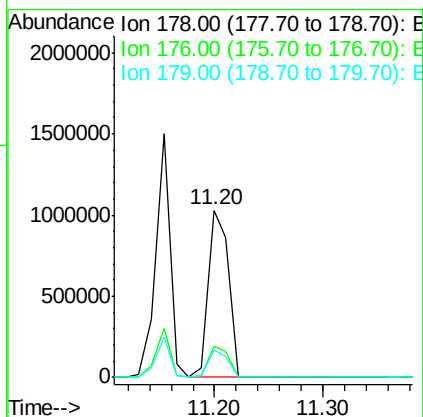
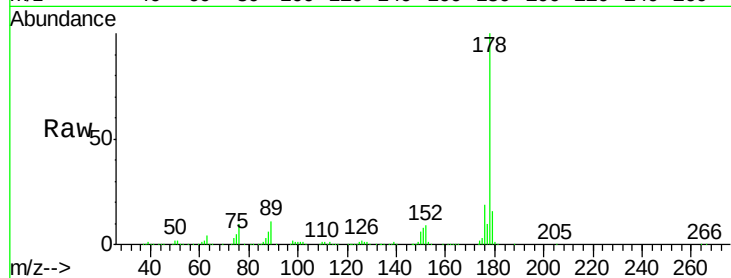
#71
 Anthracene
 Concen: 45.91 ng
 RT: 11.20 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BF085045.D
 Acq: 12 Feb 2016 6:58

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.0
179	16.3	12.5	18.7

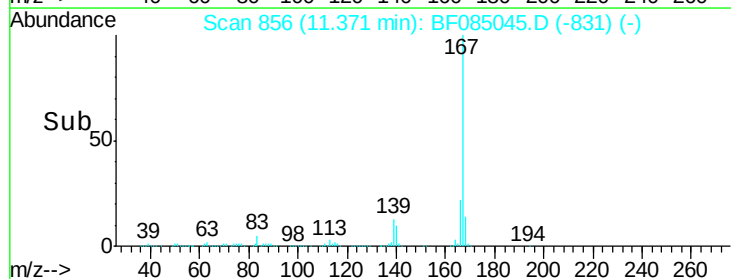
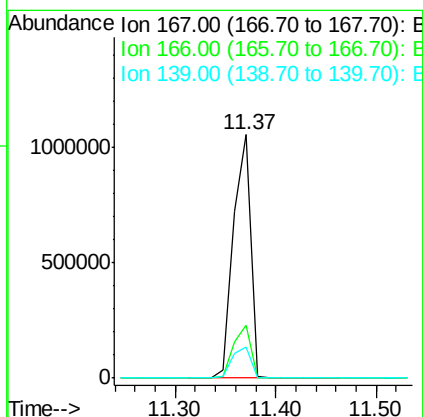
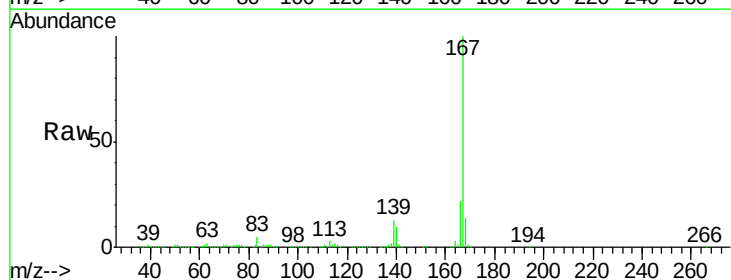
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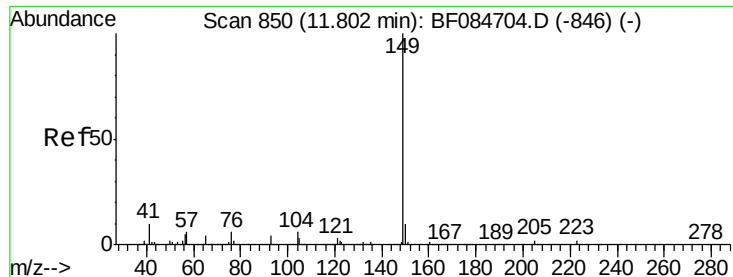
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#72
 Carbazole
 Concen: 49.28 ng
 RT: 11.37 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BF085045.D
 Acq: 12 Feb 2016 6:58

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	12.7	11.8	17.8





#73

Di-n-butylphthalate

Concen: 42.93 ng

RT: 11.70 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF085045.D

Acq: 12 Feb 2016 6:58

Instrument :

BNA_F

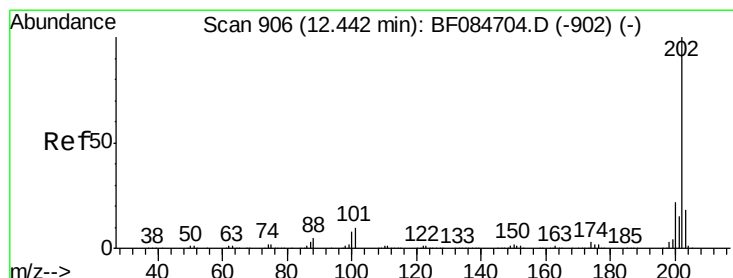
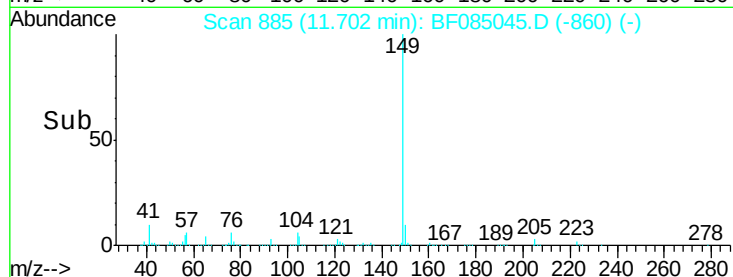
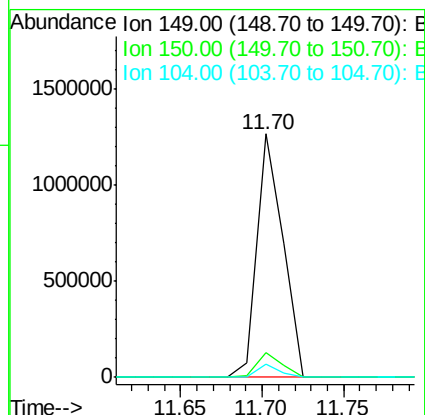
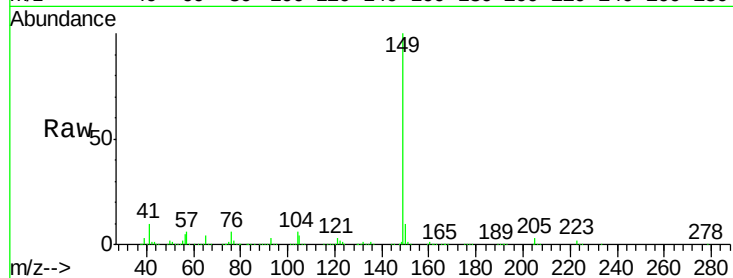
ClientSampleId :

WC-1MS

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Tgt Ion:	149	Resp:	1398825
Ion Ratio	Lower	Upper	
149	100		
150	10.0	7.1	10.7
104	5.7	3.2	4.8#



#74

Fluoranthene

Concen: 41.19 ng

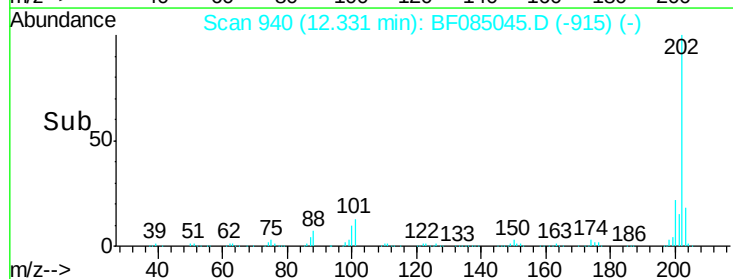
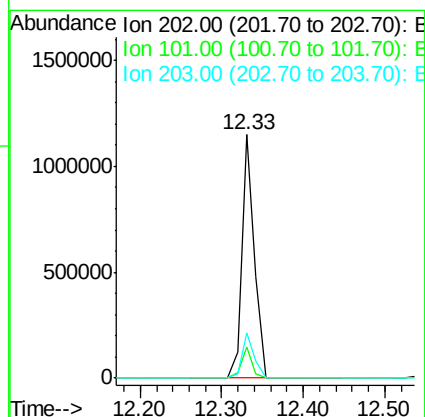
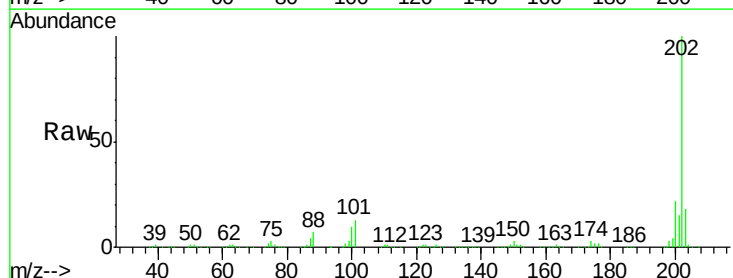
RT: 12.33 min Scan# 940

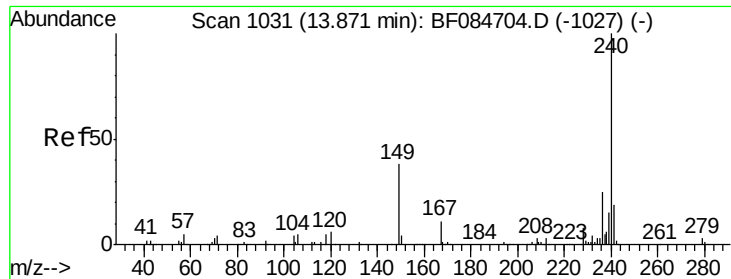
Delta R.T. -0.01 min

Lab File: BF085045.D

Acq: 12 Feb 2016 6:58

Tgt Ion:	202	Resp:	1214200
Ion Ratio	Lower	Upper	
202	100		
101	13.0	0.0	32.8
203	18.3	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: BF085045.D

Acq: 12 Feb 2016 6:58

Instrument :

BNA_F

ClientSampled :

WC-1MS

Tgt Ion:240 Resp: 314845
Ion Ratio Lower Upper

240 100

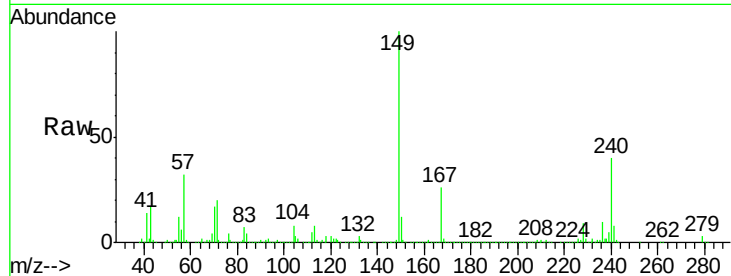
120 7.5 9.5 14.3#

236 25.7 20.6 31.0

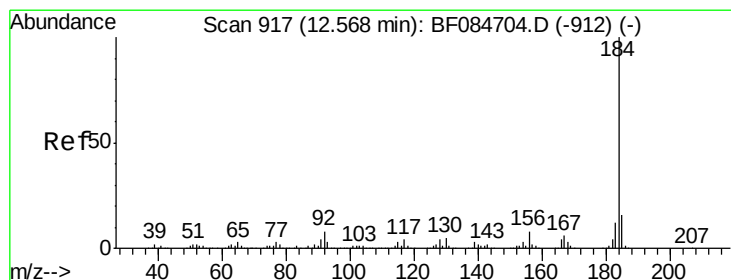
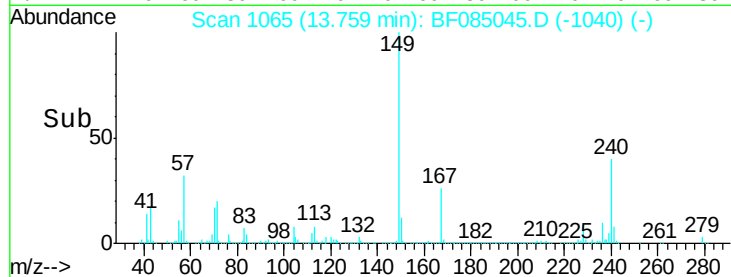
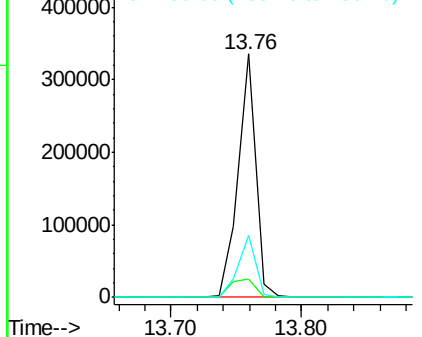
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 27.66 ng

RT: 12.47 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF085045.D

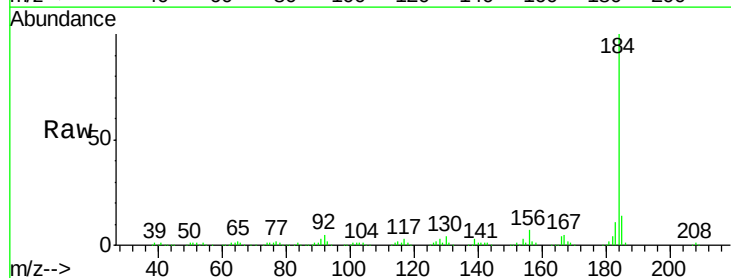
Acq: 12 Feb 2016 6:58

Tgt Ion:184 Resp: 304638
Ion Ratio Lower Upper

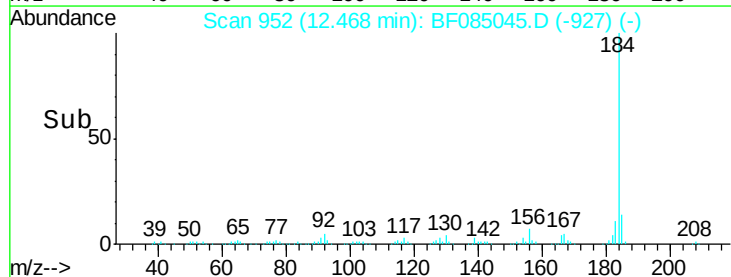
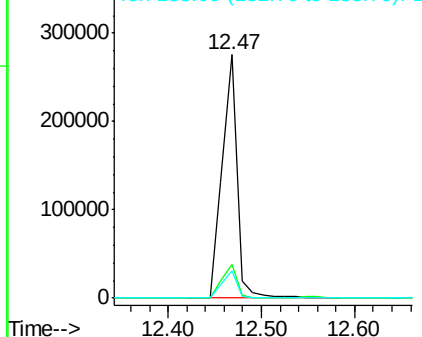
184 100

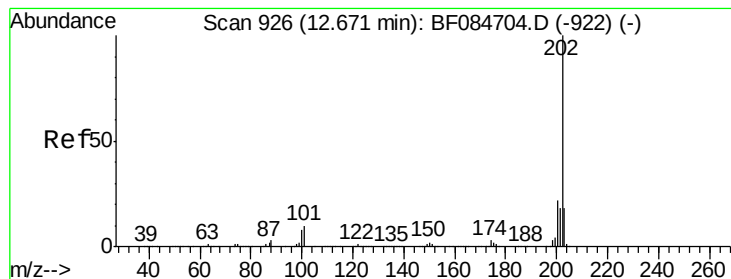
185 13.7 12.2 18.2

183 11.2 9.8 14.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 51.83 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF085045.D

Acq: 12 Feb 2016 6:58

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion:202 Resp: 1249393

Ion Ratio Lower Upper

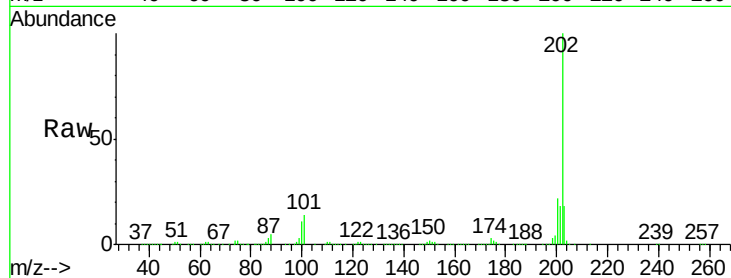
202 100

200 22.4 17.2 25.8

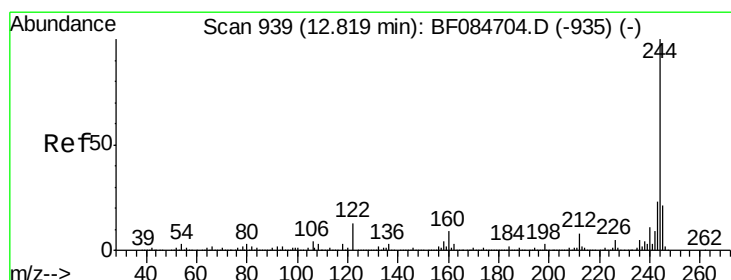
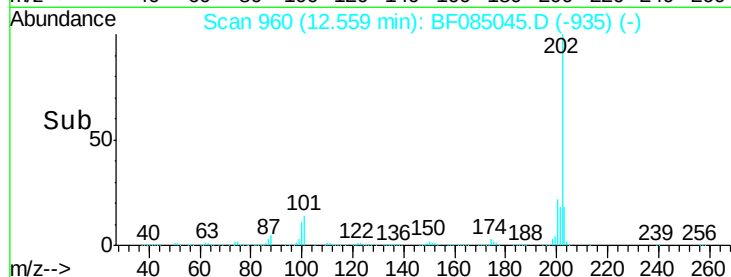
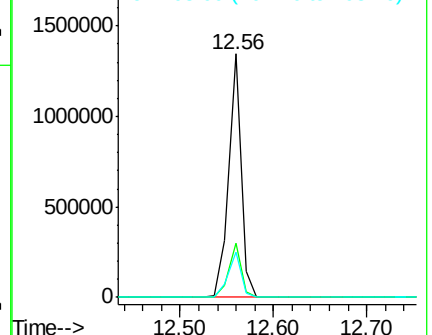
203 18.5 14.3 21.5

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



#78

Terphenyl-d14

Concen: 123.20 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF085045.D

Acq: 12 Feb 2016 6:58

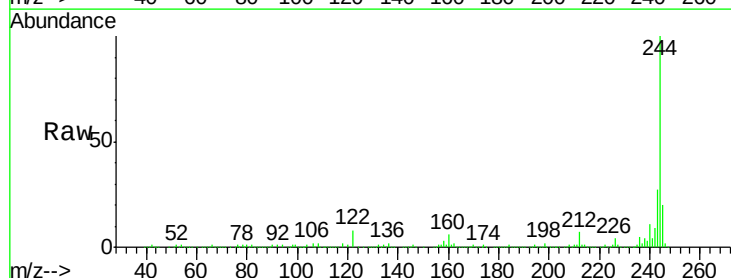
Tgt Ion:244 Resp: 1711709

Ion Ratio Lower Upper

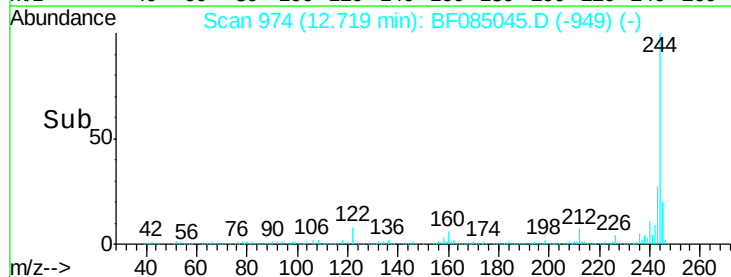
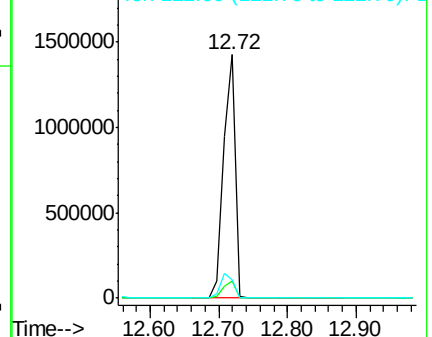
244 100

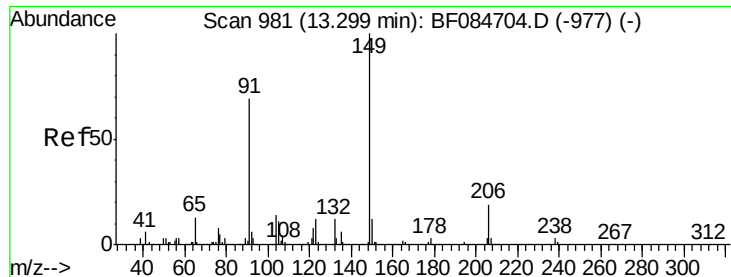
212 7.0 5.7 8.5

122 7.8 7.4 11.0



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





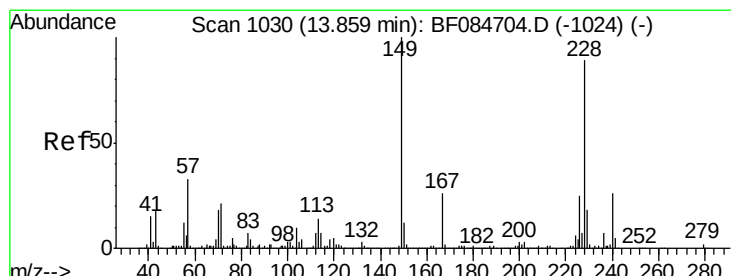
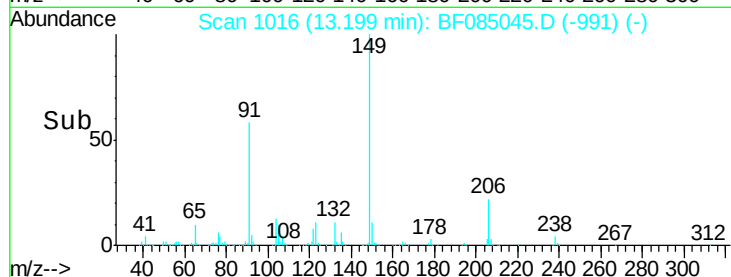
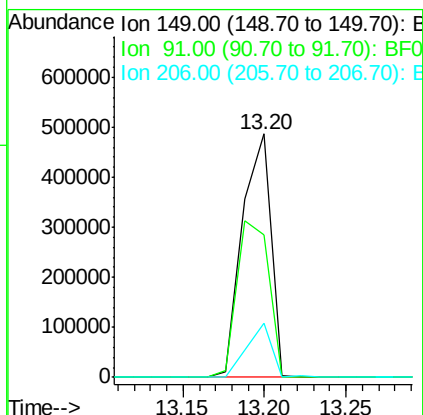
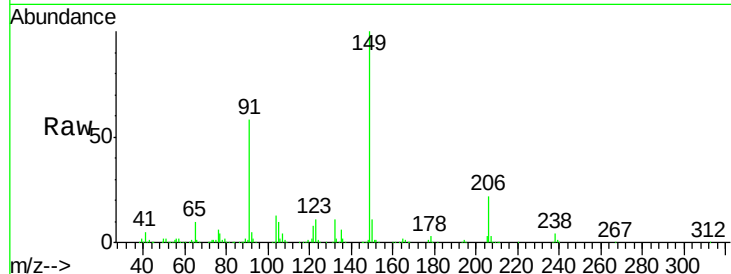
#79
Butylbenzylphthalate
Concen: 53.90 ng
RT: 13.20 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF085045.D
Acq: 12 Feb 2016 6:58

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	58.5	57.6	86.4
206	22.1	13.2	19.8

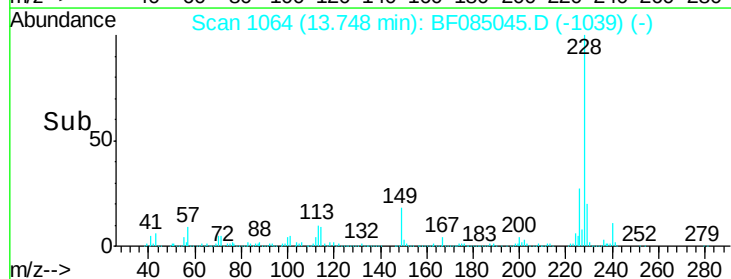
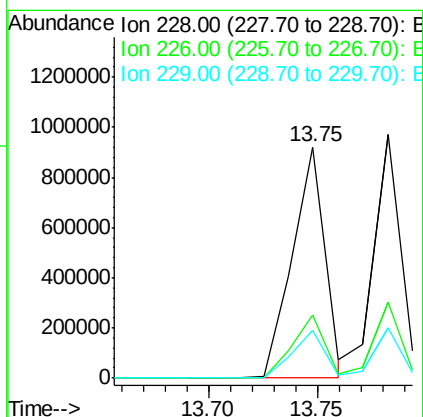
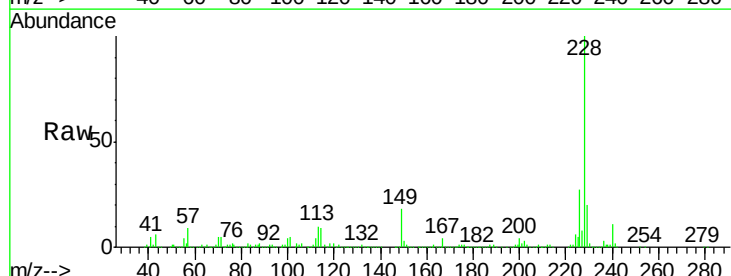
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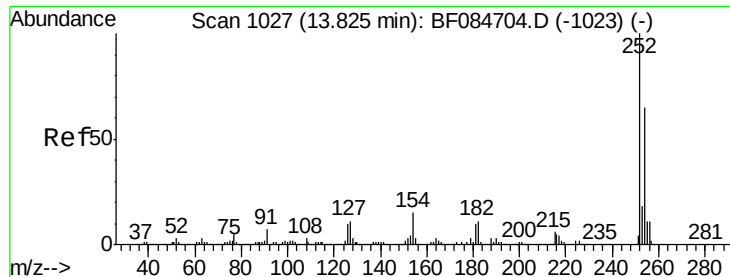
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#80
Benzo(a)anthracene
Concen: 49.47 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF085045.D
Acq: 12 Feb 2016 6:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.3	21.8	32.6
229	20.5	15.8	23.8





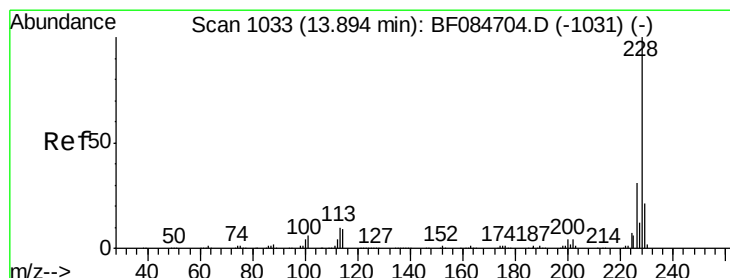
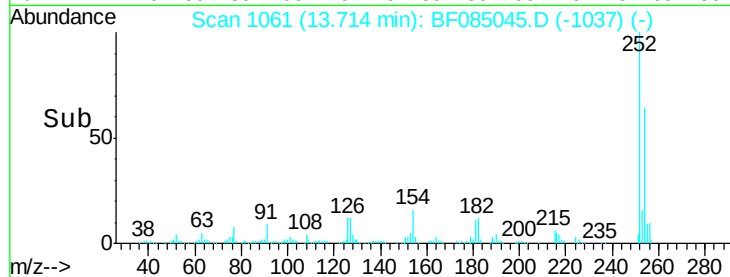
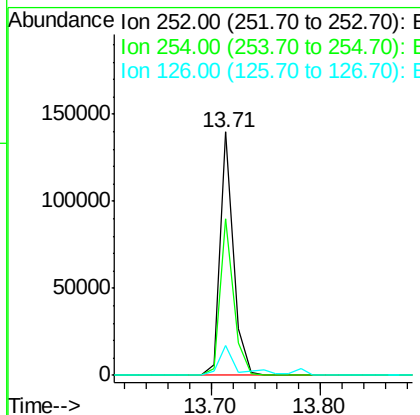
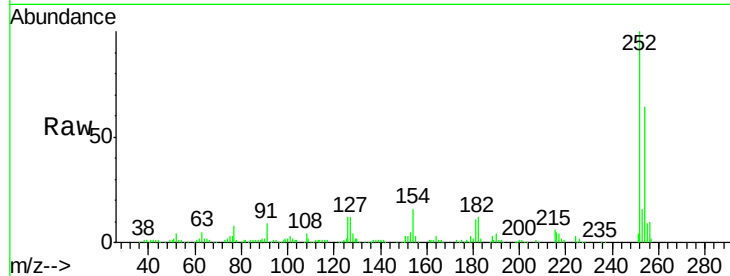
#81
 3,3'-Dichlorobenzidine
 Concen: 17.53 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BF085045.D
 Acq: 12 Feb 2016 6:58

Instrument :
 BNA_F
 ClientSampled :
 WC-1MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.1	53.5	80.3
126	12.1	4.9	7.3

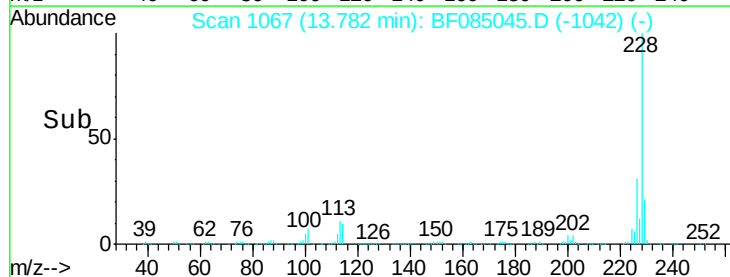
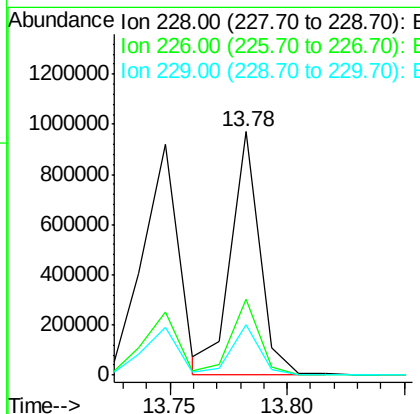
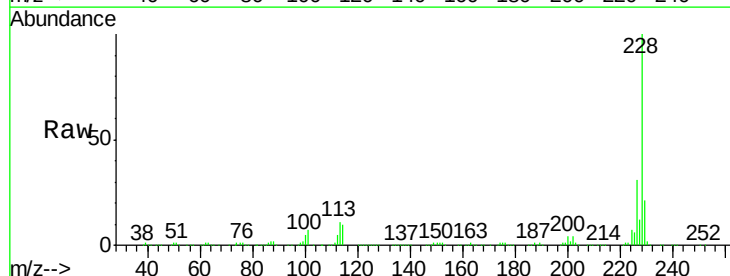
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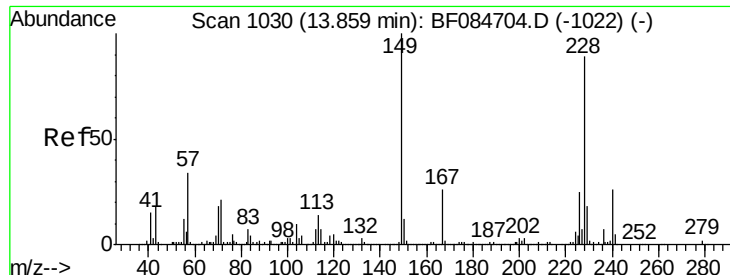
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#82
 Chrysene
 Concen: 44.32 ng m
 RT: 13.78 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: BF085045.D
 Acq: 12 Feb 2016 6:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.3	24.3	36.5
229	20.7	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 54.63 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF085045.D

Acq: 12 Feb 2016 6:58

Instrument :

BNA_F

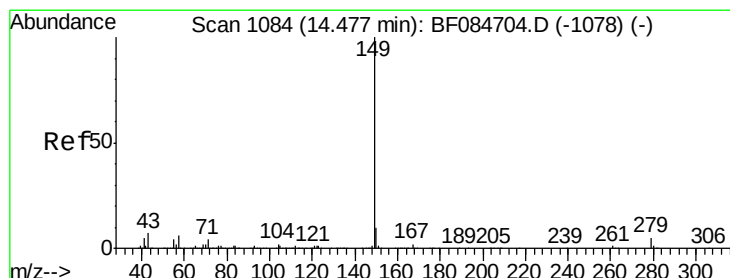
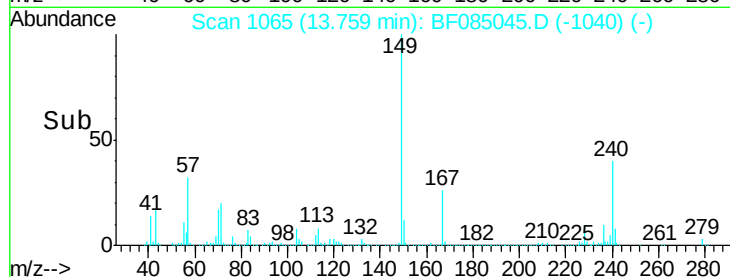
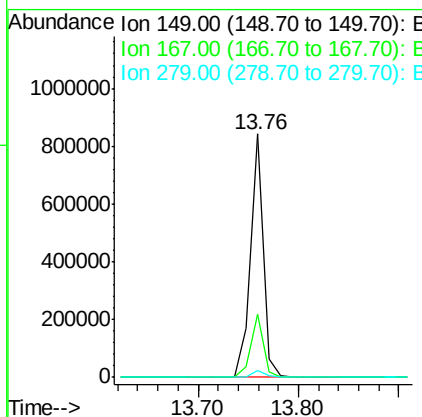
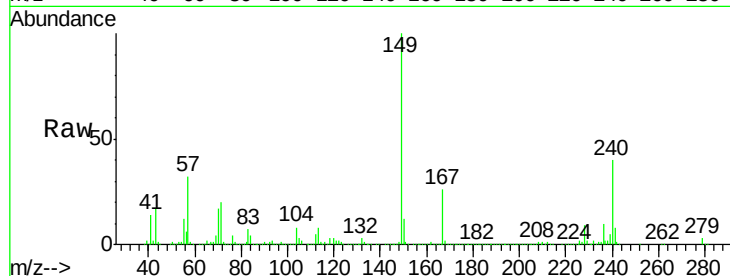
ClientSampleId :

WC-1MS

Tgt Ion:	149	Resp:	743441
Ion Ratio	Lower	Upper	
149	100		
167	26.0	19.7	29.5
279	2.7	1.8	2.6#

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 49.39 ng

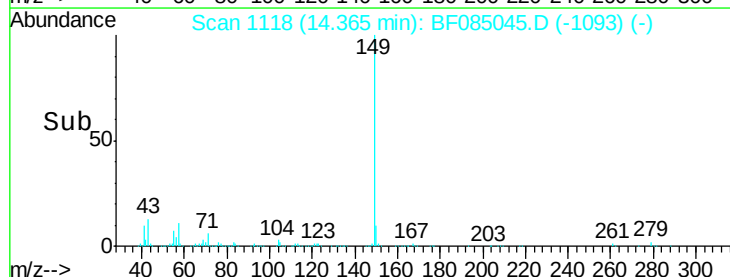
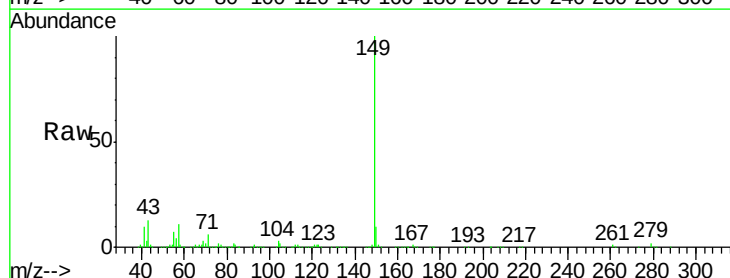
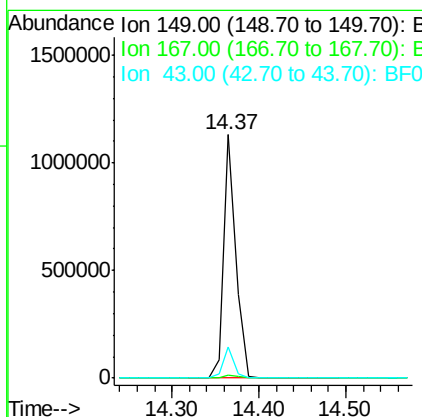
RT: 14.37 min Scan# 1118

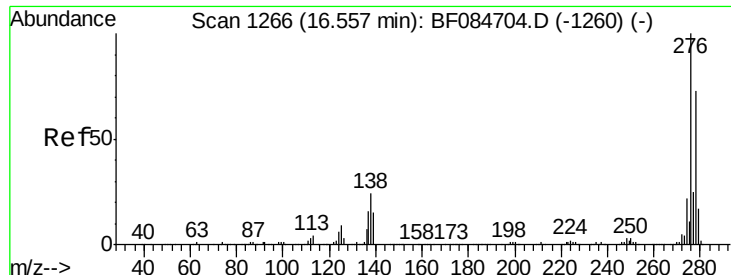
Delta R.T. -0.01 min

Lab File: BF085045.D

Acq: 12 Feb 2016 6:58

Tgt Ion:	149	Resp:	1108897
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	11.6	5.6	8.4#





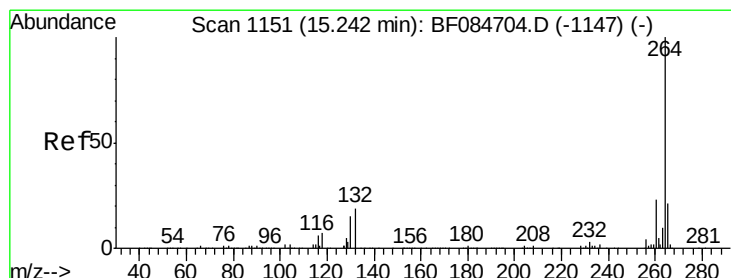
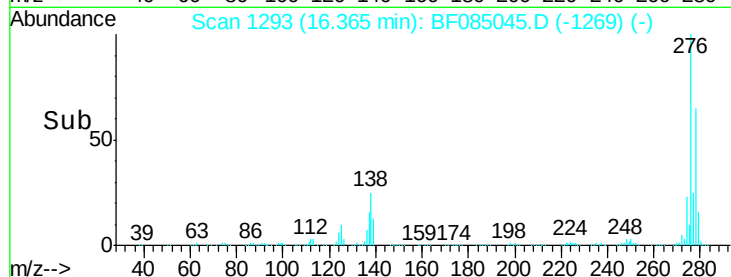
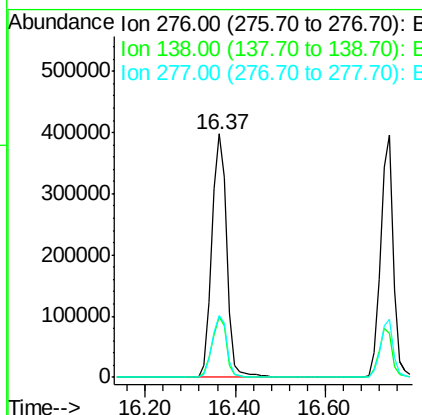
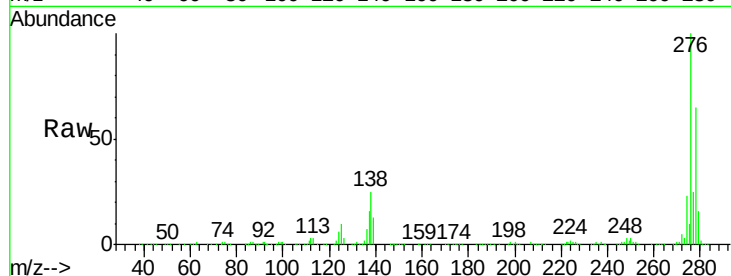
#85
Indeno(1,2,3-cd)pyrene
Concen: 61.72 ng
RT: 16.37 min Scan# 1293
Delta R.T. -0.02 min
Lab File: BF085045.D
Acq: 12 Feb 2016 6:58

Instrument :
BNA_F
ClientSampled :
WC-1MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.3	20.6	30.8
277	25.2	20.1	30.1

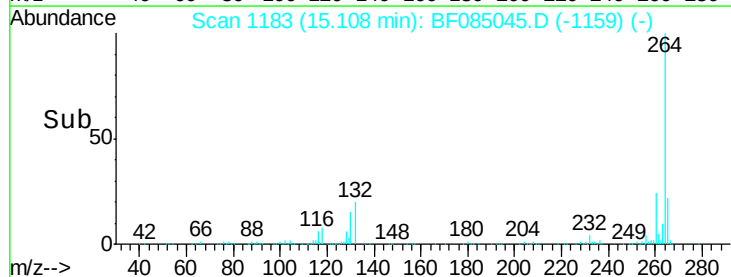
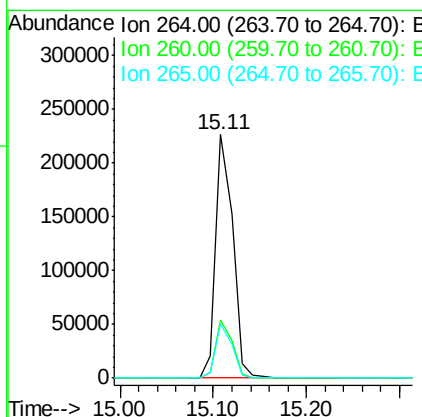
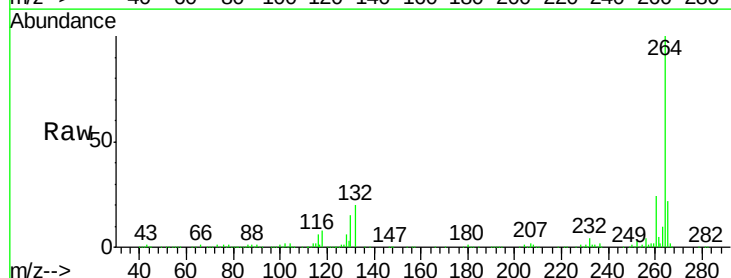
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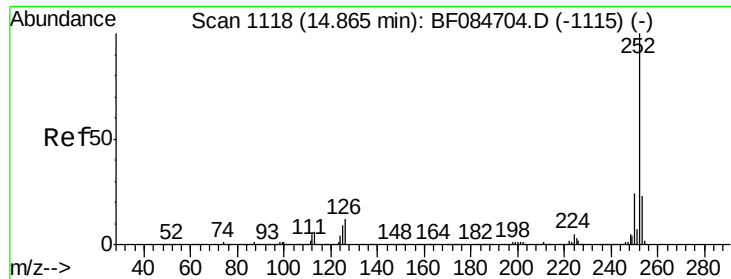
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF085045.D
Acq: 12 Feb 2016 6:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	22.3	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 54.35 ng m

RT: 14.74 min Scan# 1151

Delta R.T. -0.02 min

Lab File: BF085045.D

Acq: 12 Feb 2016 6:58

Instrument :

BNA_F

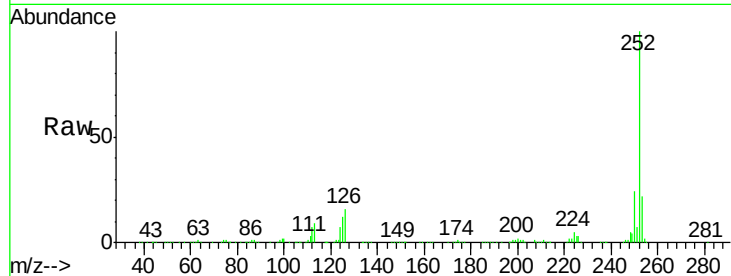
ClientSampled :

WC-1MS

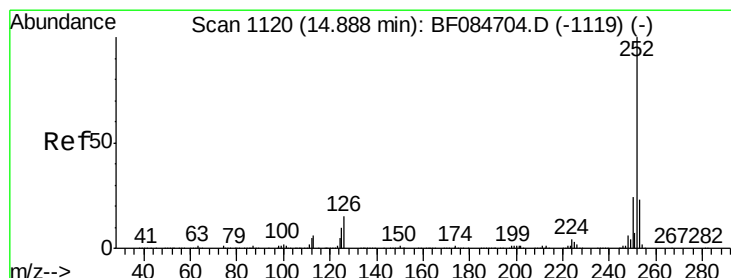
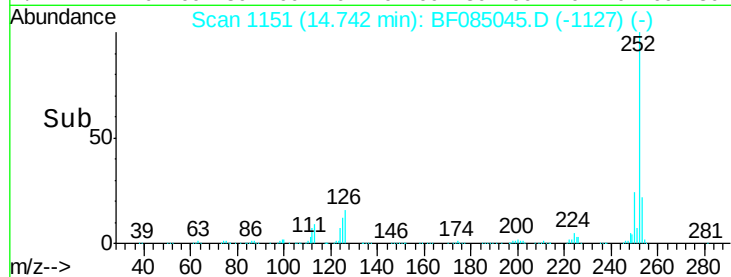
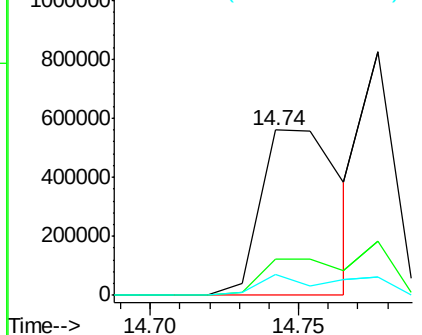
Tgt Ion:	252	Resp:	1054920
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.3	25.9
125	12.3	6.5	9.7#

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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: 38.70 ng m

RT: 14.78 min Scan# 1154

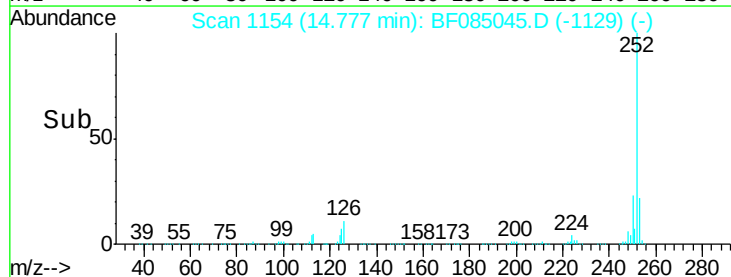
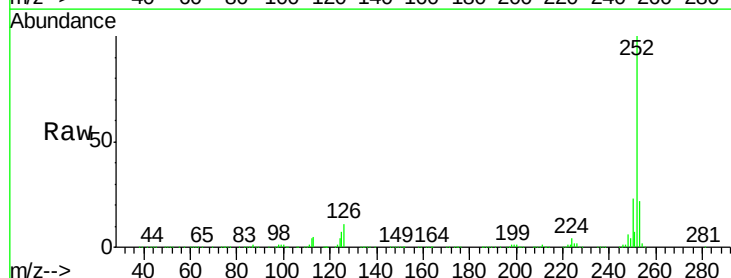
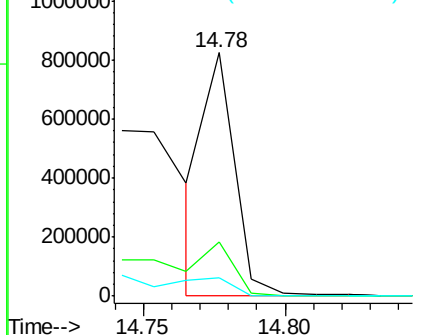
Delta R.T. -0.01 min

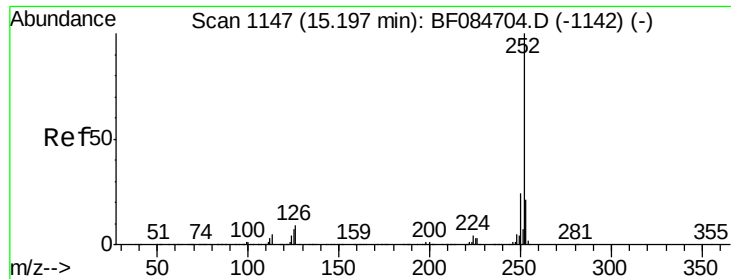
Lab File: BF085045.D

Acq: 12 Feb 2016 6:58

Tgt Ion:	252	Resp:	621008
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.1	27.1
125	7.4	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





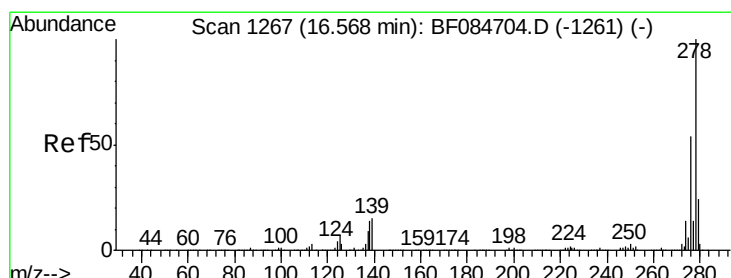
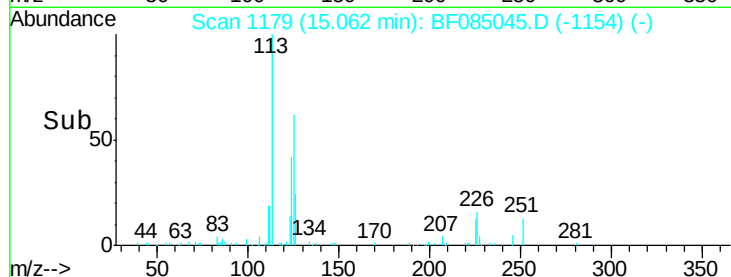
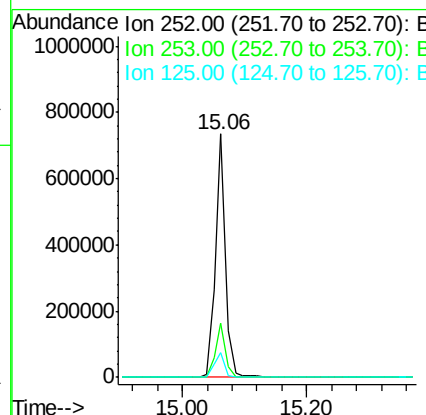
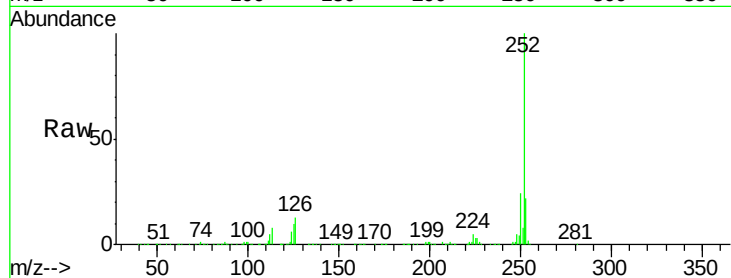
#89
Benzo(a)pyrene
Concen: 49.00 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF085045.D
Acq: 12 Feb 2016 6:58

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	10.2	7.0	10.4

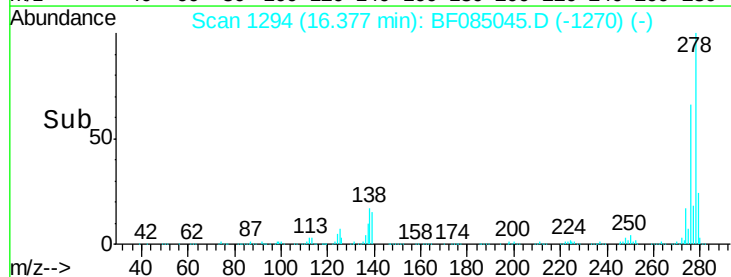
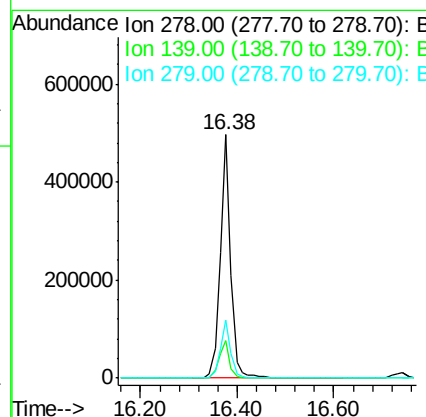
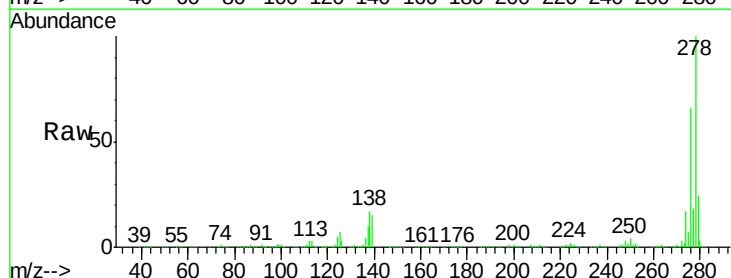
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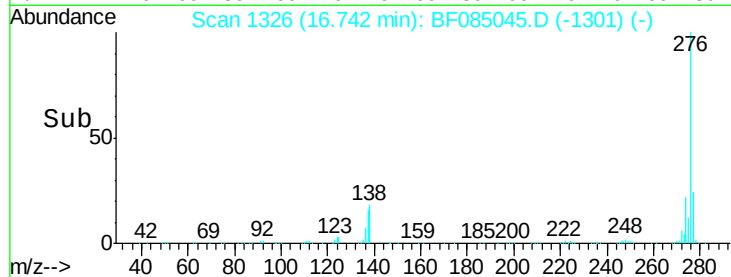
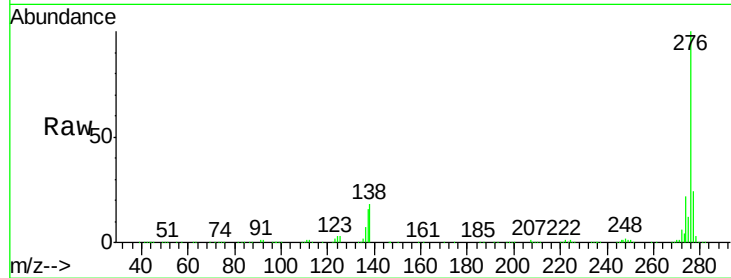
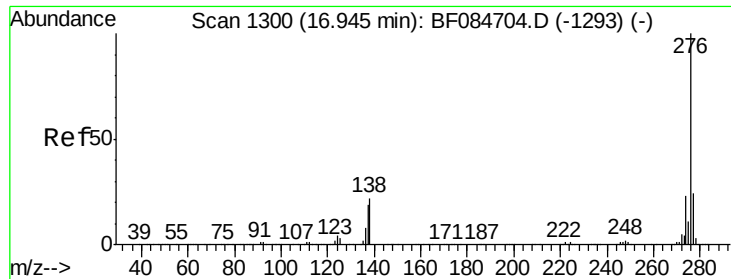
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#90
Dibenzo(a,h)anthracene
Concen: 54.85 ng
RT: 16.38 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BF085045.D
Acq: 12 Feb 2016 6:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.5	15.0	22.4
279	24.0	18.9	28.3





#91

Benzo(g,h,i)perylene

Concen: 55.96 ng

RT: 16.74 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF085045.D

Acq: 12 Feb 2016 6:58

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion:	276	Resp:	784748
Ion Ratio	Lower	Upper	
276	100		
277	24.1	18.8	28.2
138	18.3	17.8	26.6

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