

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\
 Data File : BF084805.D
 Acq On : 4 Feb 2016 00:52
 Operator : SJ/IZ
 Sample : H1331-05MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDEWALL(11.5)MS

Manual Integrations
 APPROVED

mohammad
 2/4/2016 2:04:55 PM

Quant Time: Feb 04 04:44:58 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	178239	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	716689	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	340255	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	618465	20.00	ng	0.00
75) Chrysene-d12	13.84	240	428768	20.00	ng	0.00
86) Perylene-d12	15.21	264	355709	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	1450919	126.79	ng	0.01
7) Phenol-d6	6.35	99	1890165	133.24	ng	0.01
23) Nitrobenzene-d5	7.26	82	1208200	94.97	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	476887	134.37	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1832963	94.10	ng	0.00
78) Terphenyl-d14	12.80	244	1868369	98.74	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.26	88	201518	40.20	ng	# 78
3) Pyridine	2.91	79	579289	44.36	ng	# 74
4) n-Nitrosodimethylamine	2.88	42	309470	45.82	ng	79
6) Aniline	6.35	93	536078	30.88	ng	# 65
8) 2-Chlorophenol	6.48	128	578956	44.70	ng	92
9) Benzaldehyde	6.22	77	221619	26.45	ng	89
10) Phenol	6.36	94	839646	52.83	ng	96
11) bis(2-Chloroethyl)ether	6.43	93	544488	43.94	ng	# 80
12) 1,3-Dichlorobenzene	6.62	146	558499	40.81	ng	# 93
13) 1,4-Dichlorobenzene	6.70	146	601411	43.96	ng	96
14) 1,2-Dichlorobenzene	6.86	146	535326m	42.01	ng	
15) Benzyl Alcohol	6.84	79	460628	47.02	ng	90
16) 2,2'-oxybis(1-Chloropropan	6.98	45	842030	40.39	ng	91
17) 2-Methylphenol	6.97	107	484180	47.27	ng	# 92
18) Hexachloroethane	7.20	117	223632	42.45	ng	93
19) n-Nitroso-di-n-propylamine	7.12	70	404687	45.51	ng	# 72
20) 3+4-Methylphenols	7.13	107	602310	47.37	ng	87
22) Acetophenone	7.10	105	858197	45.43	ng	99
24) Nitrobenzene	7.28	77	570224	41.85	ng	94
25) Isophorone	7.53	82	1149629	46.47	ng	97
26) 2-Nitrophenol	7.60	139	314780	46.85	ng	# 84
27) 2,4-Dimethylphenol	7.65	122	559923	47.91	ng	90
28) bis(2-Chloroethoxy)methane	7.74	93	719629	49.03	ng	98
29) 2,4-Dichlorophenol	7.85	162	508920	50.89	ng	96
30) 1,2,4-Trichlorobenzene	7.92	180	489905	43.37	ng	95
31) Naphthalene	8.00	128	1522184	42.34	ng	99
32) Benzoic acid	7.74	122	59401	7.95	ng	91
33) 4-Chloroaniline	8.05	127	283835	19.09	ng	95
34) Hexachlorobutadiene	8.12	225	291321	44.73	ng	98
35) Caprolactam	8.44	113	151481m	49.15	ng	
36) 4-Chloro-3-methylphenol	8.56	107	528812	46.35	ng	99
37) 2-Methylnaphthalene	8.69	142	1184833	52.66	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	437901	40.52	ng	98
40) Hexachlorocyclopentadiene	8.84	237	419475	85.52	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	353404	50.76	nq	95
43) 2,4,5-Trichlorophenol	9.02	196	326624	46.17	nq	95
45) 1,1'-Biphenyl	9.16	154	1337819	44.02	nq	97
46) 2-Chloronaphthalene	9.18	162	983070	43.92	nq	# 86
47) 2-Nitroaniline	9.28	65	328584	46.37	nq	97
48) Acenaphthylene	9.60	152	1543432	45.44	nq	98
49) Dimethylphthalate	9.47	163	1381525	53.31	nq	# 90
50) 2,6-Dinitrotoluene	9.53	165	248993	43.98	nq	# 59
51) Acenaphthene	9.77	154	989541	44.78	nq	98
52) 3-Nitroaniline	9.70	138	191708	30.13	nq	# 63
53) 2,4-Dinitrophenol	9.80	184	127781	51.16	nq	# 86
54) Dibenzofuran	9.94	168	1371587	50.79	nq	98
55) 4-Nitrophenol	9.88	139	422170	90.30	nq	91
56) 2,4-Dinitrotoluene	9.93	165	294562	40.79	nq	# 69
57) Fluorene	10.28	166	1018014	45.14	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.05	232	262916	48.82	nq	90
59) Diethylphthalate	10.17	149	1157280	45.73	nq	98
60) 4-Chlorophenyl-phenylether	10.27	204	436309	46.25	nq	94
61) 4-Nitroaniline	10.32	138	295962	47.74	nq	84
62) Azobenzene	10.43	77	1177287	48.38	nq	90
64) 4,6-Dinitro-2-methylphenol	10.34	198	178706	46.82	nq	92
65) n-Nitrosodiphenylamine	10.40	169	942510	47.99	nq	99
66) 4-Bromophenyl-phenylether	10.76	248	327677	47.97	nq	94
67) Hexachlorobenzene	10.82	284	316181	42.48	nq	# 84
68) Atrazine	10.93	200	328520	52.97	nq	94
69) Pentachlorophenol	11.02	266	328069	93.79	nq	98
70) Phenanthrene	11.23	178	1401611	40.86	nq	97
71) Anthracene	11.29	178	1643330	47.54	nq	99
72) Carbazole	11.45	167	1505732	49.96	nq	98
73) Di-n-butylphthalate	11.78	149	1546373	40.30	nq	# 96
74) Fluoranthene	12.42	202	1665130	47.96	nq	93
76) Benzidine	12.54	184	679494	46.05	nq	99
77) Pyrene	12.64	202	1572757	47.91	nq	99
79) Butylbenzylphthalate	13.28	149	754230	50.65	nq	# 88
80) Benzo(a)anthracene	13.83	228	1208449	45.41	nq	98
81) 3,3'-Dichlorobenzidine	13.79	252	214000	22.71	nq	# 94
82) Chrysene	13.86	228	1119553	43.38	nq	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	933485	50.37	nq	# 96
84) Di-n-octyl phthalate	14.44	149	1425110	46.61	nq	# 89
85) Indeno(1,2,3-cd)pyrene	16.50	276	987309	48.61	nq	98
87) Benzo(b)fluoranthene	14.83	252	974863m	40.79	nq	
88) Benzo(k)fluoranthene	14.87	252	1004809m	50.85	nq	
89) Benzo(a)pyrene	15.16	252	925516	45.45	nq	98
90) Dibenzo(a,h)anthracene	16.51	278	821367	47.91	nq	99
91) Benzo(g,h,i)perylene	16.89	276	839107	48.59	nq	99

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

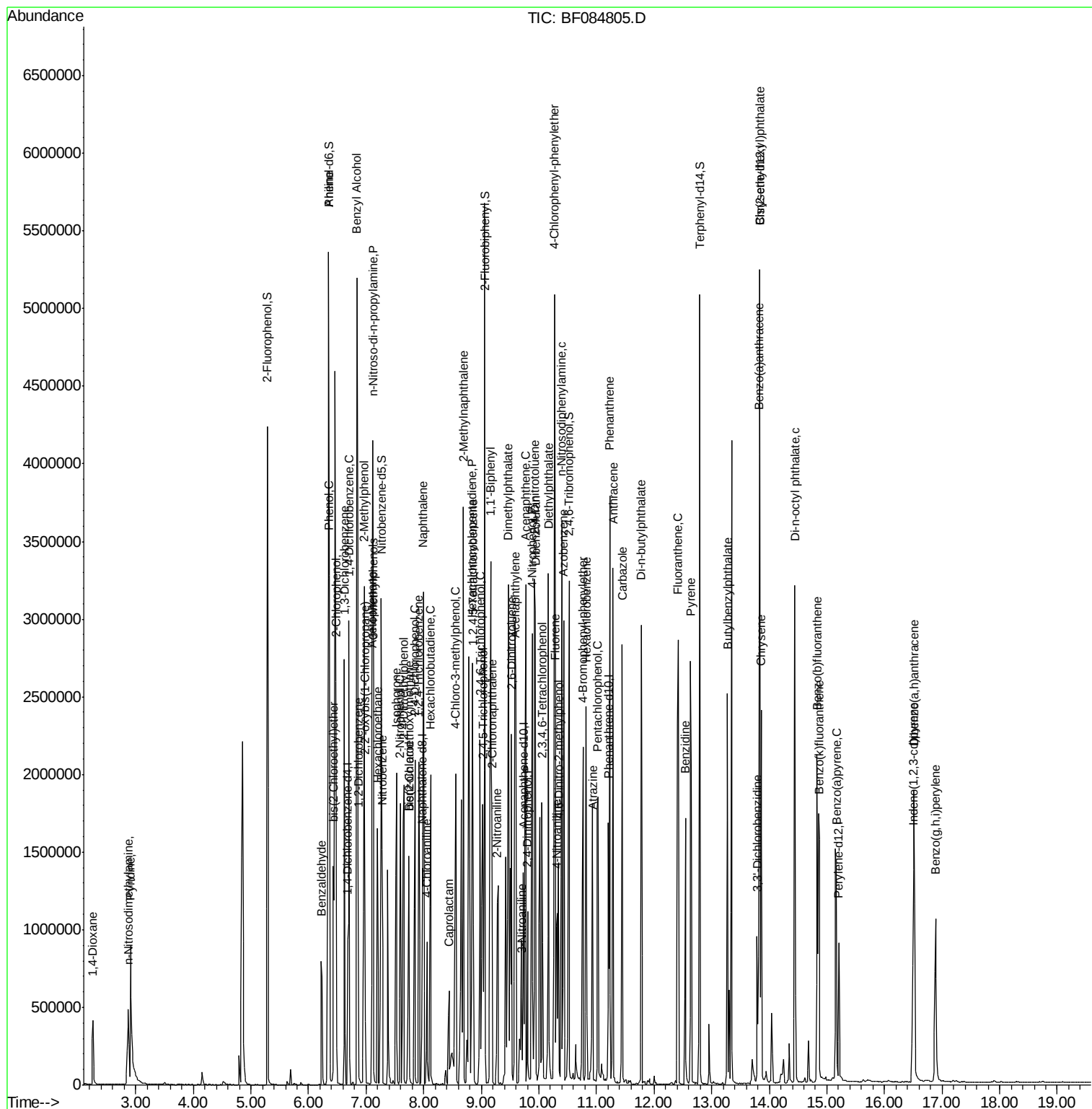
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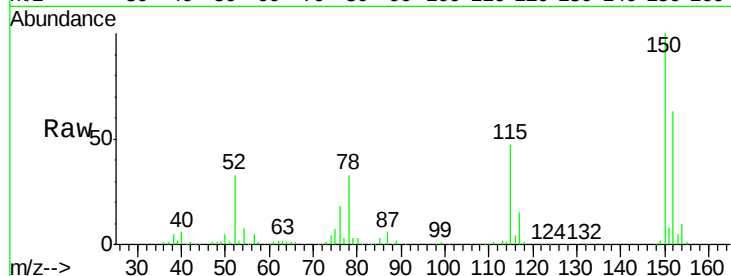




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.00 min
Lab File: BF084805.D
Acq: 4 Feb 2016 00:52

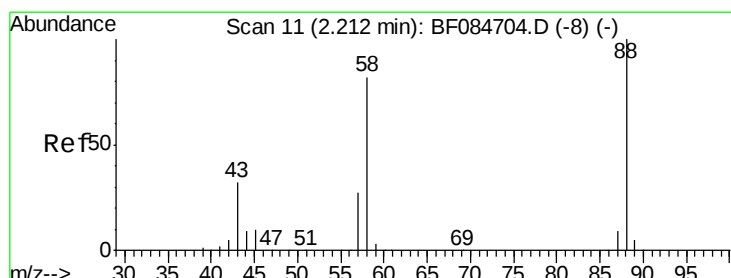
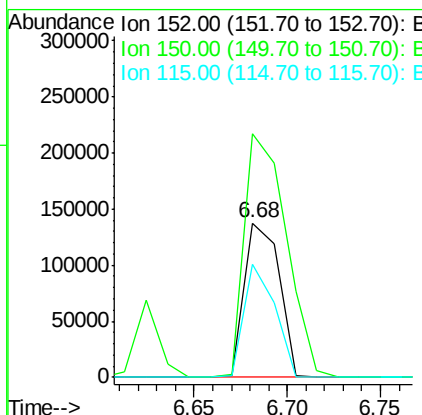
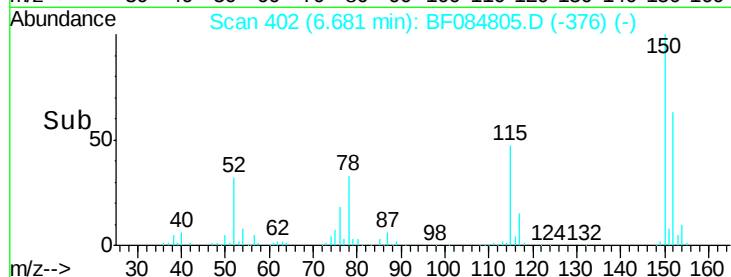
Instrument :
BNA_F
ClientSampleId :
SOUTH-SIDEWALL(11.5)MS



Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	123.0	184.4
115	73.4	51.4	77.2

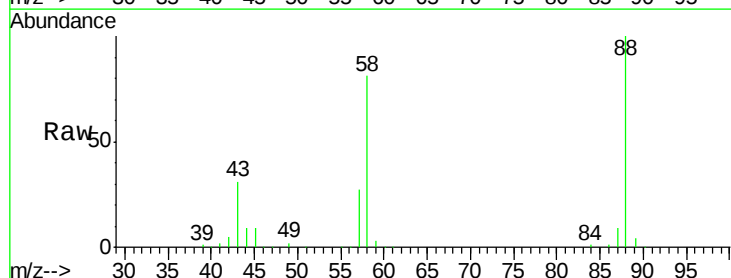
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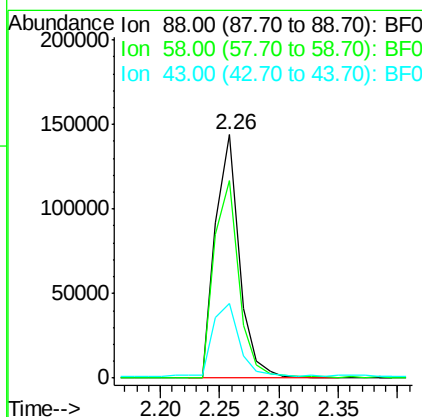
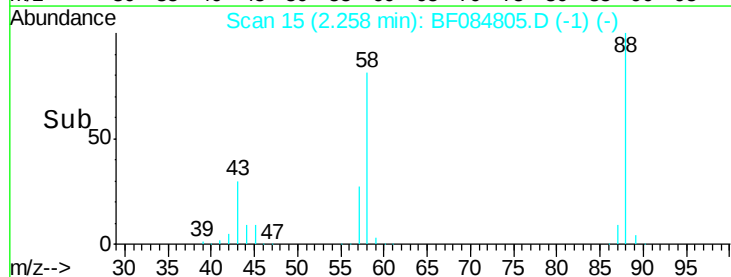


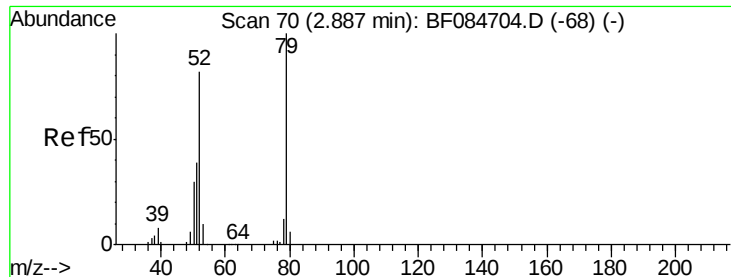
#2

1,4-Dioxane
Concen: 40.20 ng
RT: 2.26 min Scan# 15
Delta R.T. 0.08 min
Lab File: BF084805.D
Acq: 4 Feb 2016 00:52



Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.6	51.2	76.8#
43	32.8	19.5	29.3#





#3

Pvridine

Concen: 44.36 ng

RT: 2.91 min Scan# 72

Delta R.T. 0.07 min

Lab File: BF084805.D

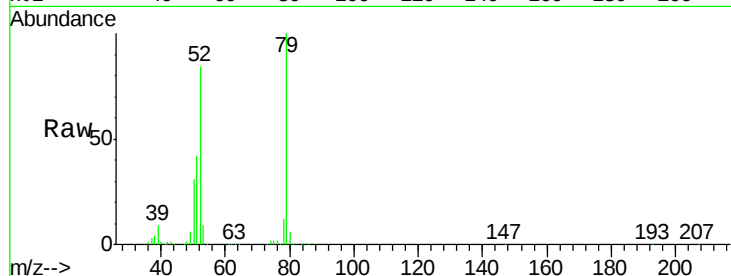
Acq: 4 Feb 2016 00:52

Instrument :

BNA_F

ClientSampleId :

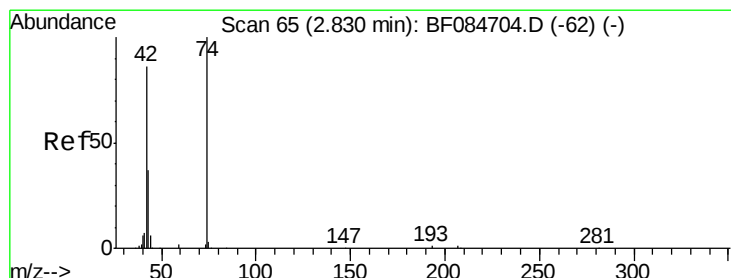
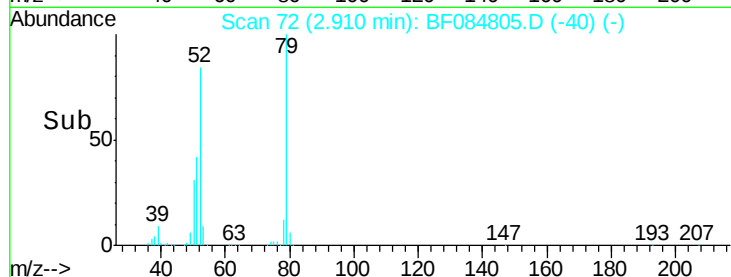
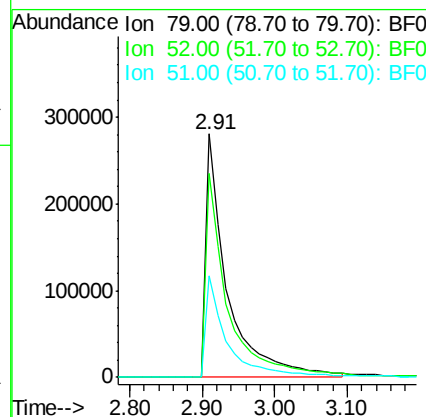
SOUTH-SIDEWALL(11.5)MS



Tot Ion:	79	Resp:	579289
Ion Ratio	Lower	Upper	
79	100		
52	83.9	49.0	73.4#
51	42.0	25.2	37.8#

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#4

n-Nitrosodimethylamine

Concen: 45.82 ng

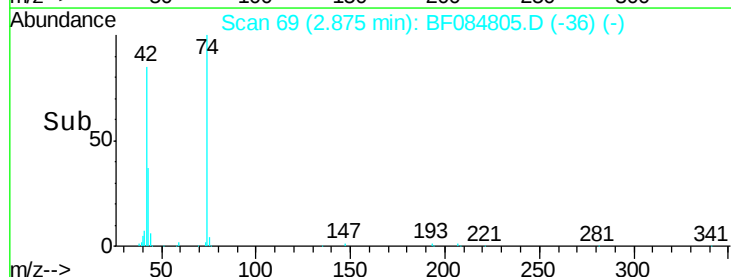
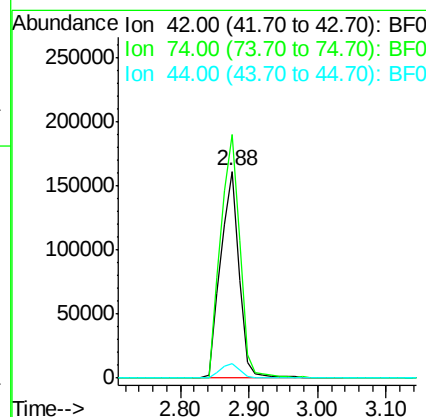
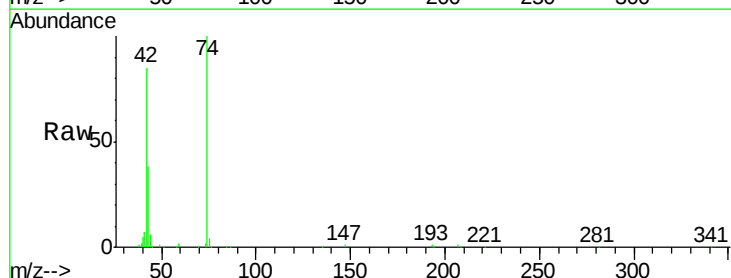
RT: 2.88 min Scan# 69

Delta R.T. 0.08 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Tgt Ion:	42	Resp:	309470
Ion Ratio	Lower	Upper	
42	100		
74	117.7	115.7	173.5
44	7.2	5.1	7.7





#5

2-Fluorophenol

Concen: 126.79 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.01 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)MS

Tot Ion: 112 Resp: 1450919

Ion Ratio Lower Upper

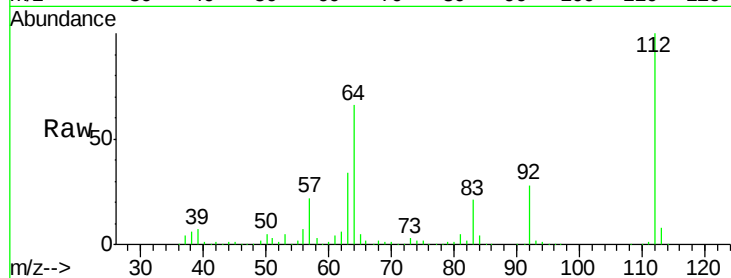
112 100

64 66.2 36.6 55.0#

63 34.4 19.4 29.0#

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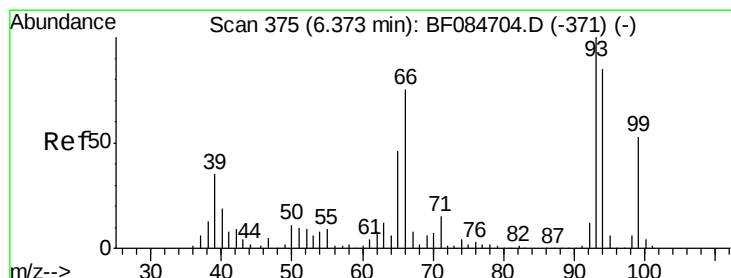
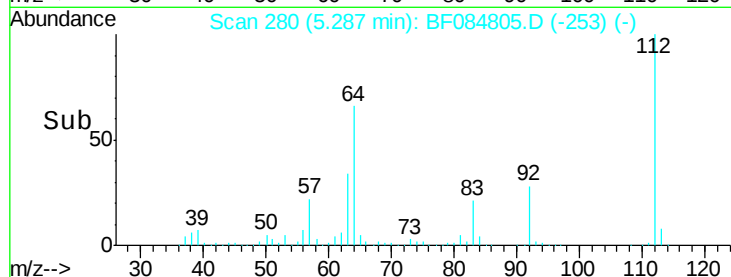
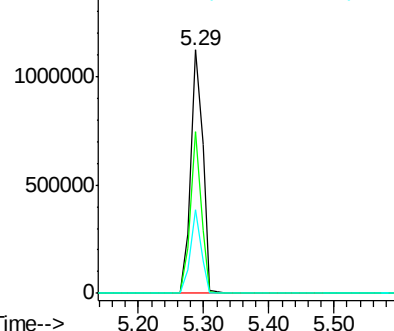
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 30.88 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

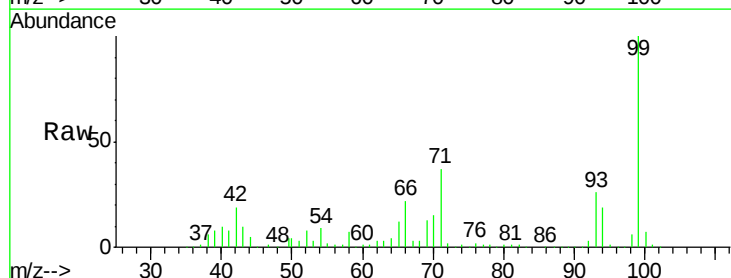
Tgt Ion: 93 Resp: 536078

Ion Ratio Lower Upper

93 100

66 84.1 44.9 67.3#

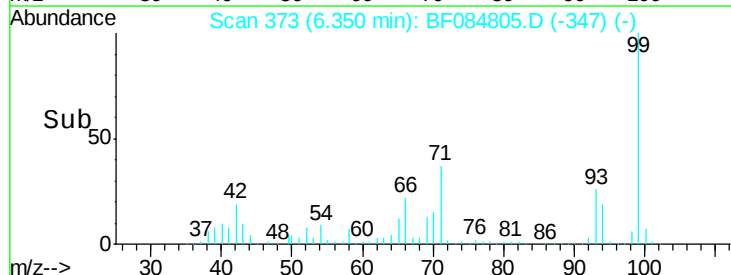
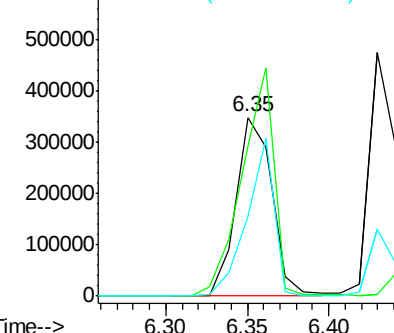
65 44.3 23.7 35.5#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 133.24 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.01 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)MS

Tot Ion: 99 Resp: 1890165

Ion Ratio Lower Upper

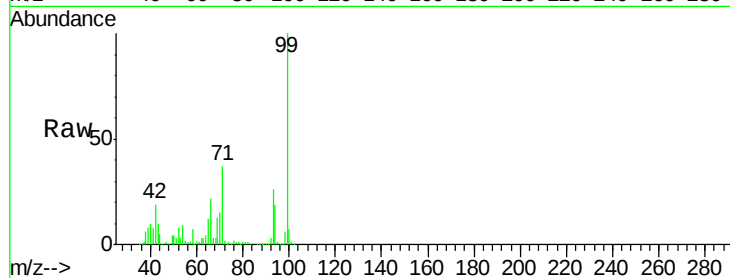
99 100

42 19.2 12.8 19.2

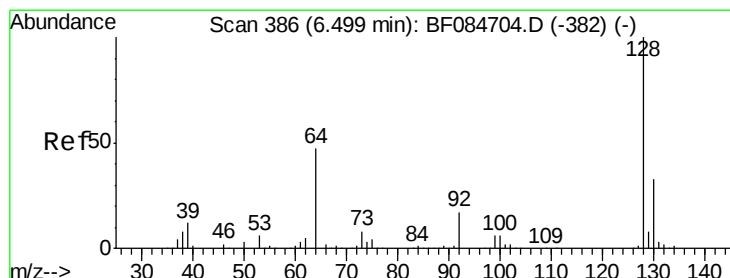
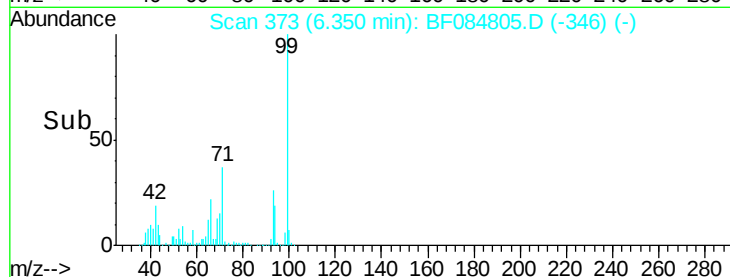
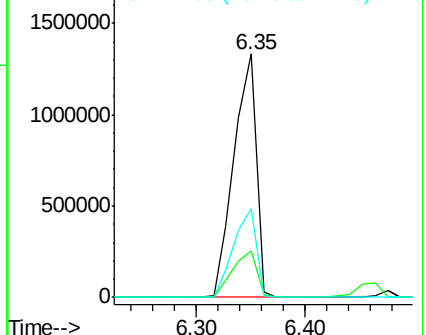
71 36.7 30.9 46.3

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



#8

2-Chlorophenol

Concen: 44.70 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

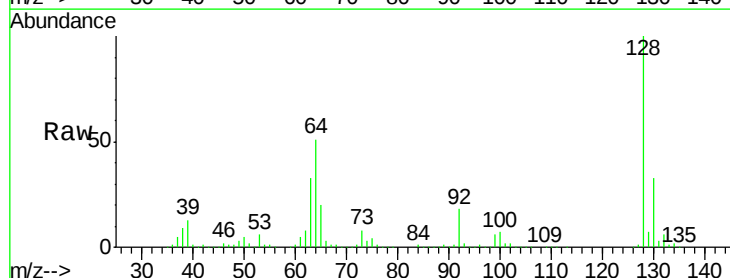
Tgt Ion: 128 Resp: 578956

Ion Ratio Lower Upper

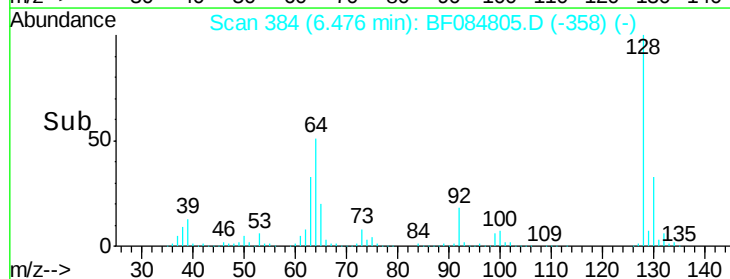
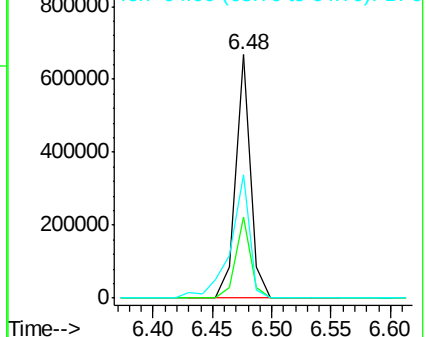
128 100

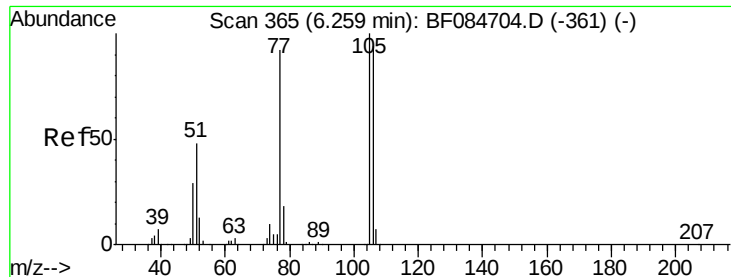
130 33.2 11.6 51.6

64 50.9 23.8 63.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 26.45 ng

RT: 6.22 min Scan# 362

Delta R.T. -0.01 min

Lab File: BF084805.D

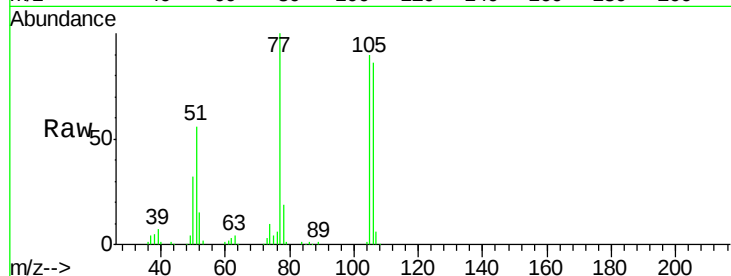
Acq: 4 Feb 2016 00:52

Instrument :

BNA_F

ClientSampleId :

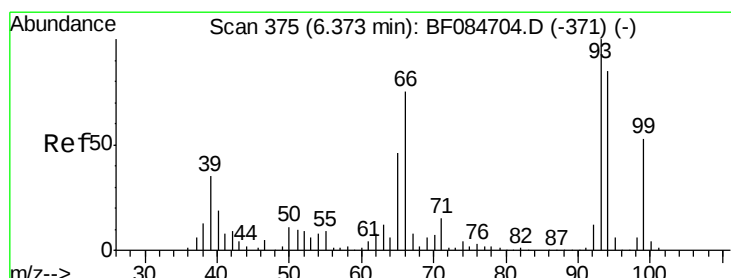
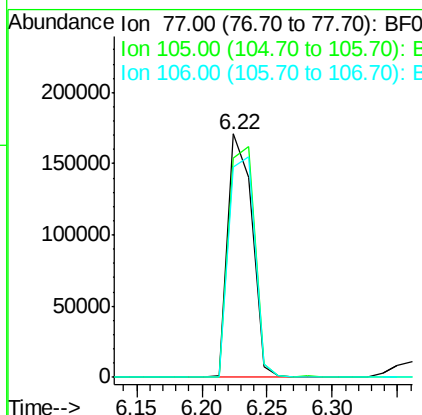
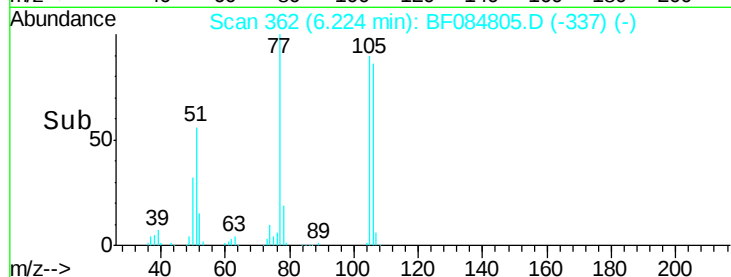
SOUTH-SIDEWALL(11.5)MS



Tot Ion:	77	Resp:	221619
Ion Ratio	Lower	Upper	
77	100		
105	89.9	83.0	123.0
106	86.4	74.6	114.6

Manual Integrations
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#10

Phenol

Concen: 52.83 ng

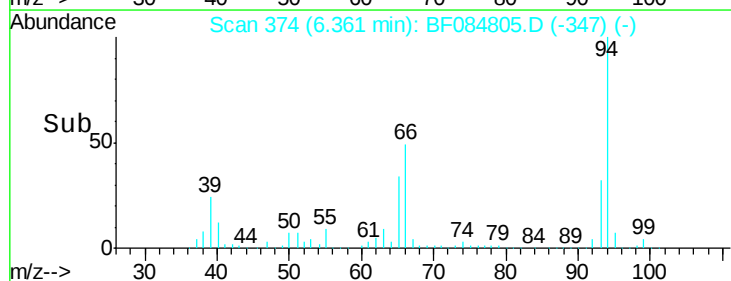
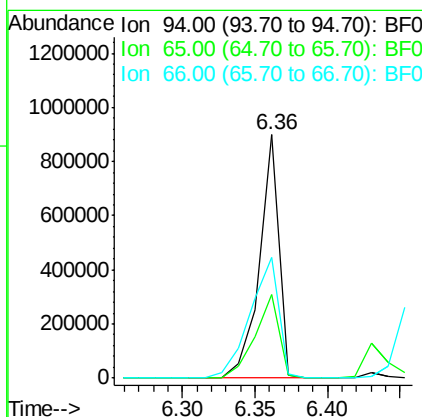
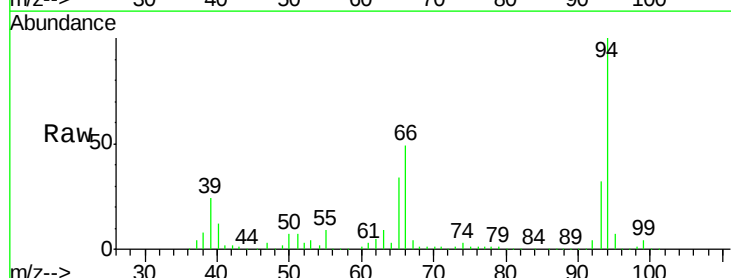
RT: 6.36 min Scan# 374

Delta R.T. 0.01 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Tgt Ion:	94	Resp:	839646
Ion Ratio	Lower	Upper	
94	100		
65	34.3	12.9	52.9
66	49.3	32.7	72.7





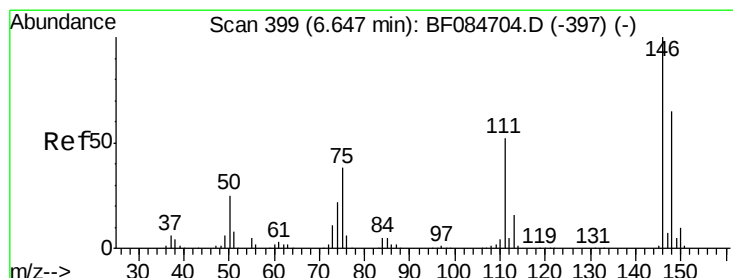
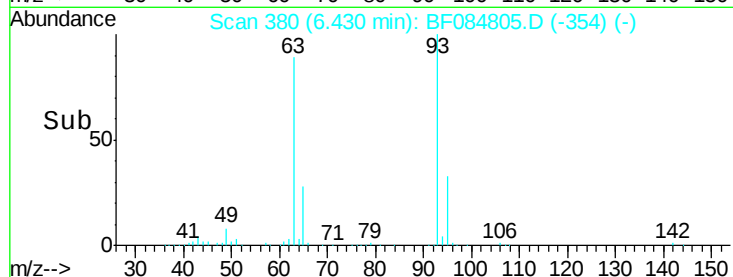
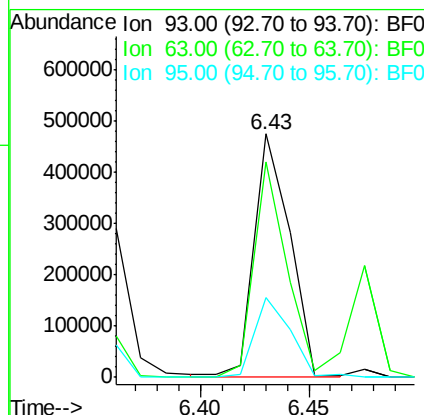
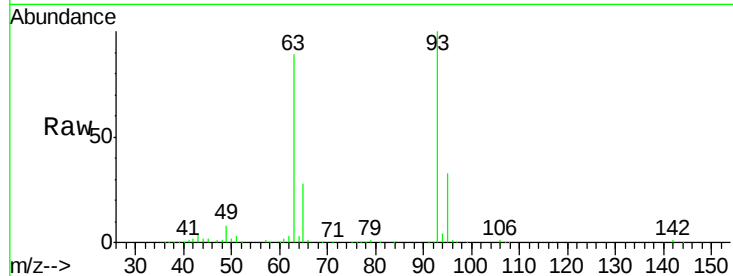
#11
bis(2-Chloroethyl)ether
Concen: 43.94 ng
RT: 6.43 min Scan# 380
Delta R.T. -0.00 min
Lab File: BF084805.D
Acq: 4 Feb 2016 00:52

Instrument :
BNA_F
ClientSampleId :
SOUTH-SIDEWALL(11.5)MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.7	45.9	85.9#
95	32.8	12.3	52.3

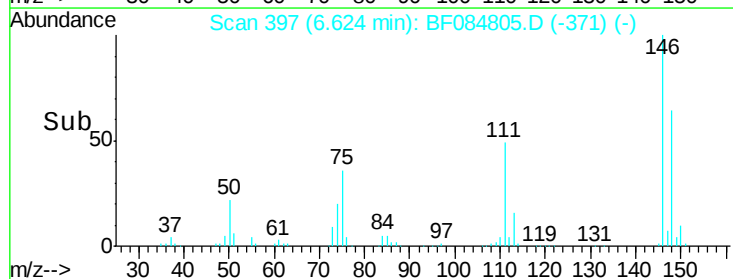
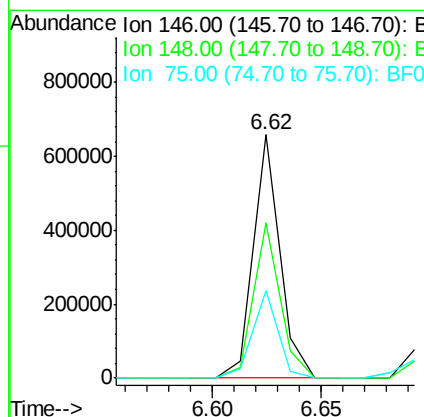
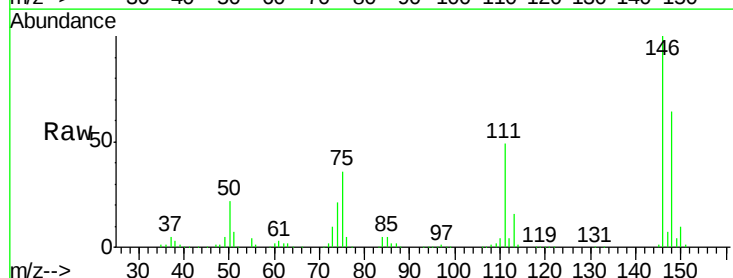
Manual Integrations
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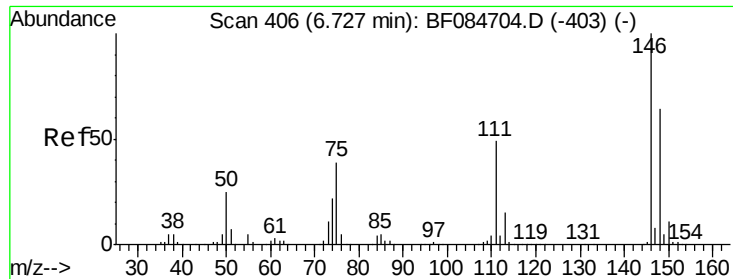
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.81 ng
RT: 6.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF084805.D
Acq: 4 Feb 2016 00:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.9	77.9
75	35.7	20.5	30.7#





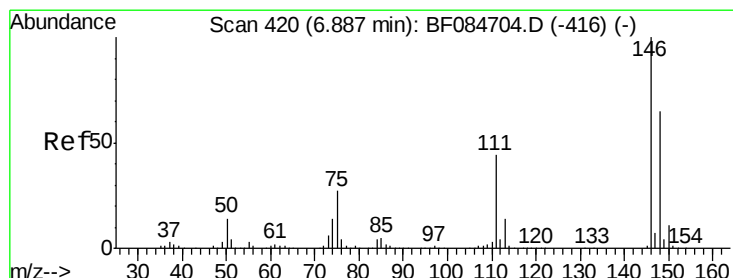
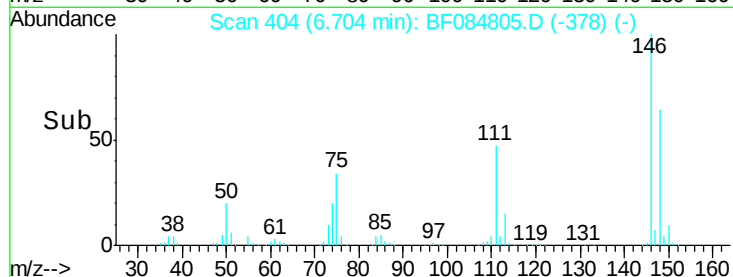
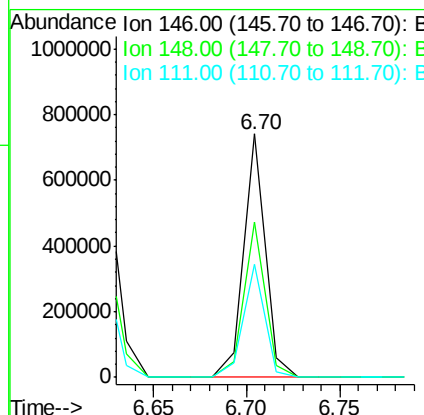
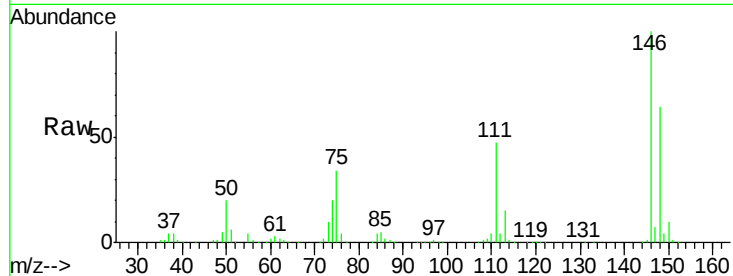
#13
 1,4-Dichlorobenzene
 Concen: 43.96 ng
 RT: 6.70 min Scan# 404
 Delta R.T. -0.00 min
 Lab File: BF084805.D
 Acq: 4 Feb 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDEWALL(11.5)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.9	77.9
111	46.5	41.6	62.4

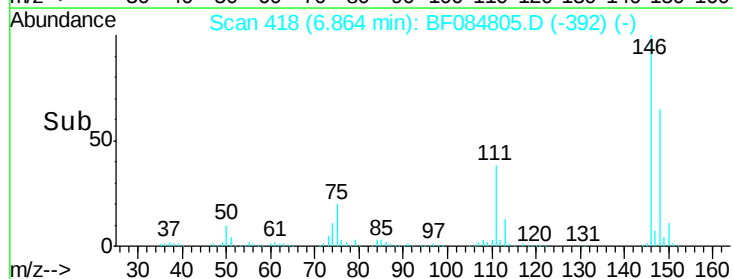
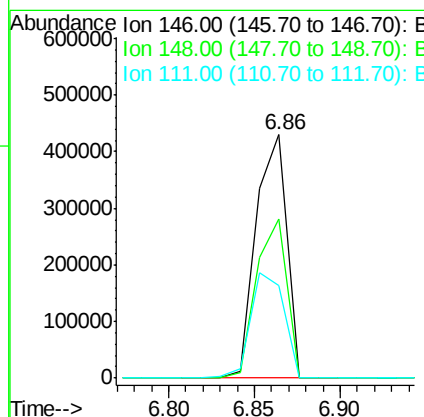
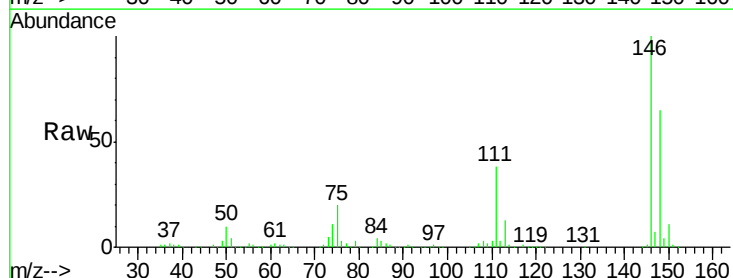
Manual Integrations
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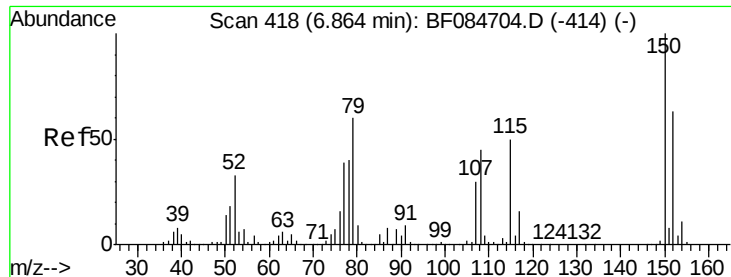
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 42.01 ng m
 RT: 6.86 min Scan# 418
 Delta R.T. -0.00 min
 Lab File: BF084805.D
 Acq: 4 Feb 2016 00:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.6	77.4
111	37.8	38.0	57.0#





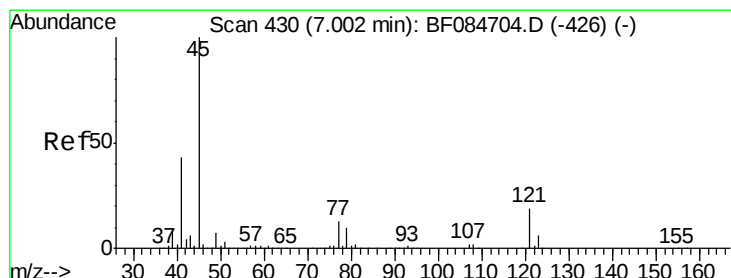
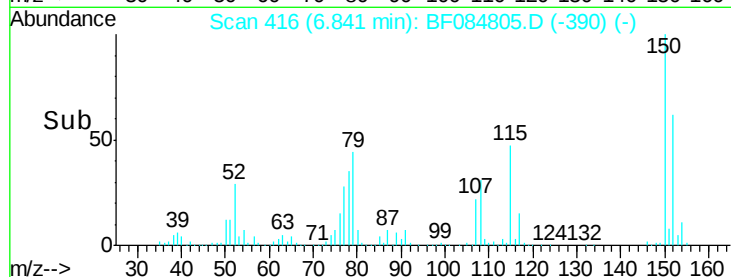
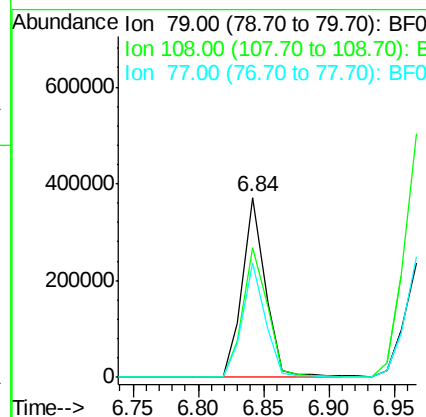
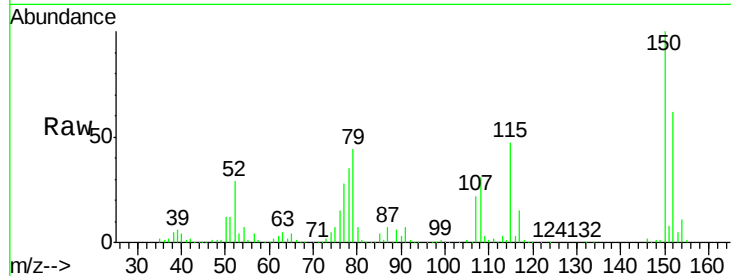
#15
Benzyl Alcohol
Concen: 47.02 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.00 min
Lab File: BF084805.D
Acq: 4 Feb 2016 00:52

Instrument :
BNA_F
ClientSampleId :
SOUTH-SIDEWALL(11.5)MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.9	69.0	103.4
77	63.8	50.0	75.0

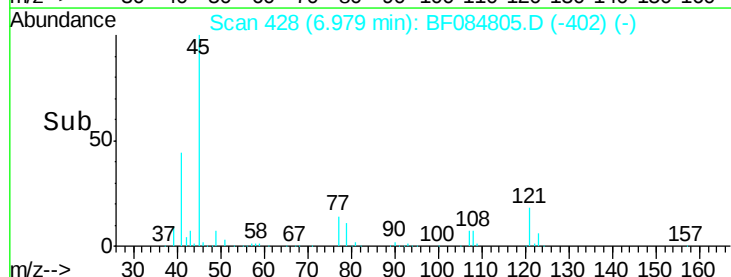
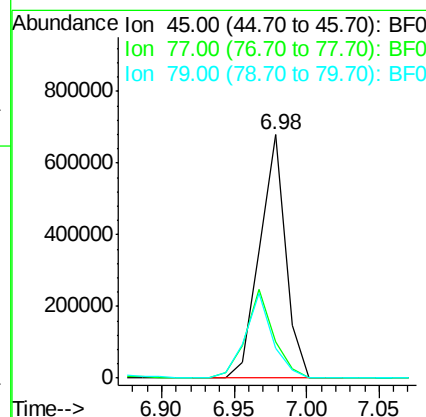
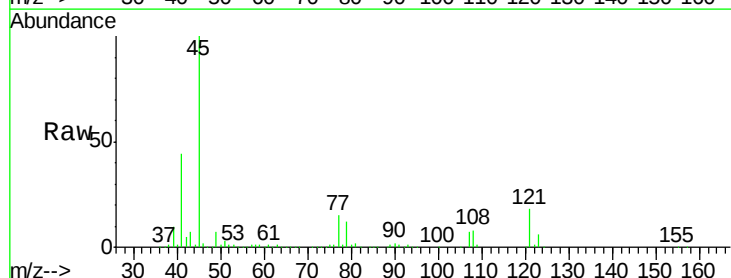
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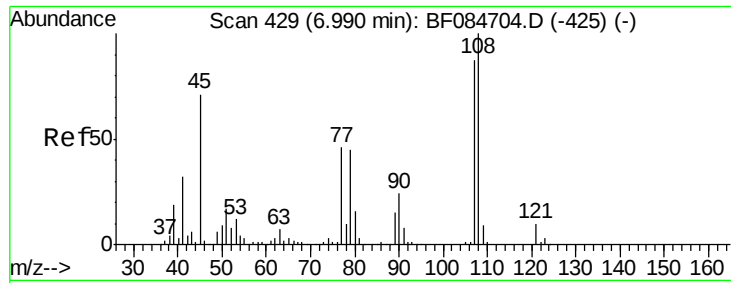
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.39 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF084805.D
Acq: 4 Feb 2016 00:52

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.1	0.0	39.6
79	12.2	0.0	35.0





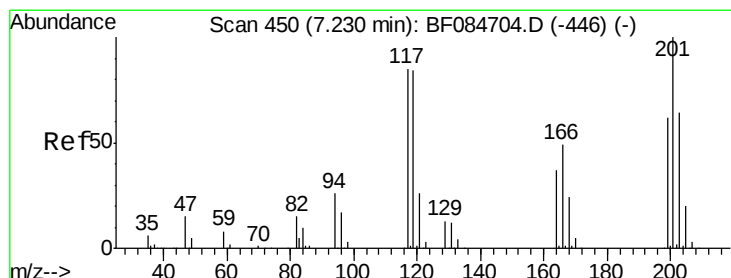
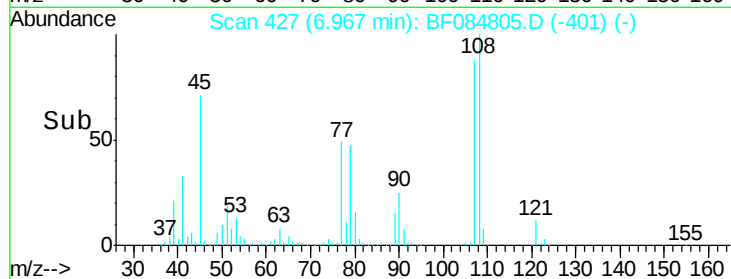
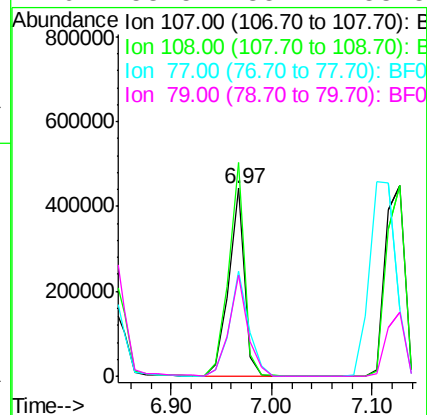
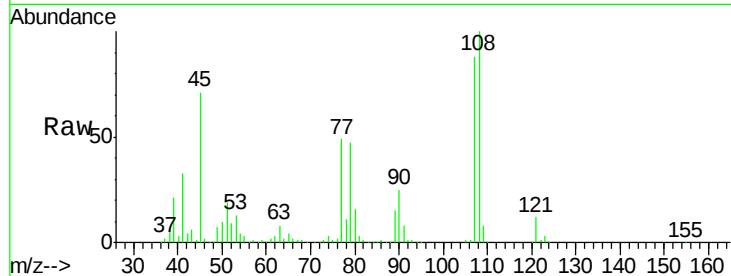
#17
2-Methylphenol
Concen: 47.27 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF084805.D
Acq: 4 Feb 2016 00:52

Instrument :
BNA_F
ClientSampleId :
SOUTH-SIDEWALL(11.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.5	89.8	134.6	
77	56.1	35.7	53.5	
79	53.5	35.7	53.5	

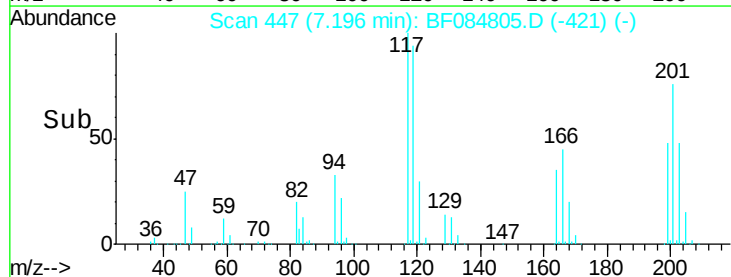
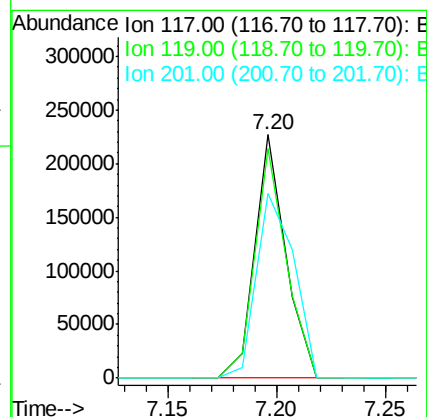
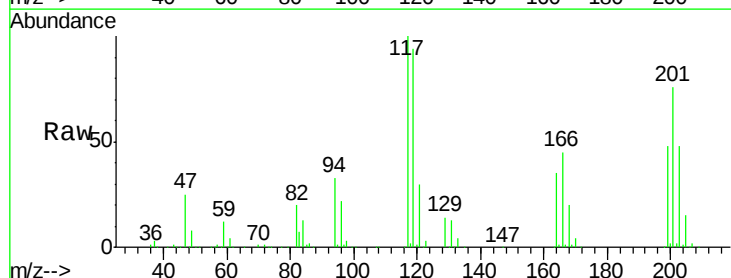
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#18
Hexachloroethane
Concen: 42.45 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF084805.D
Acq: 4 Feb 2016 00:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.1	77.4	116.0	
201	75.9	68.6	103.0	





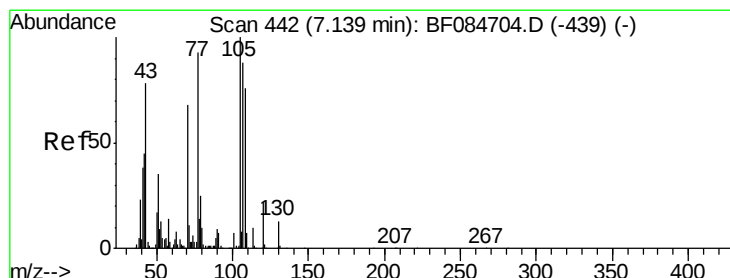
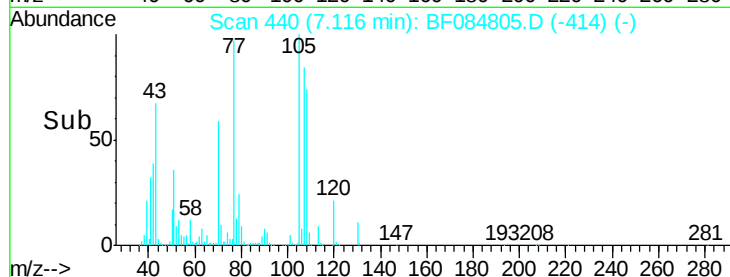
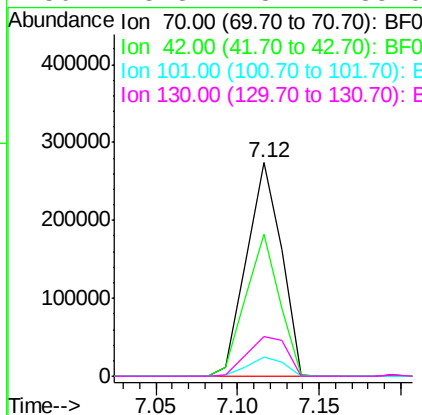
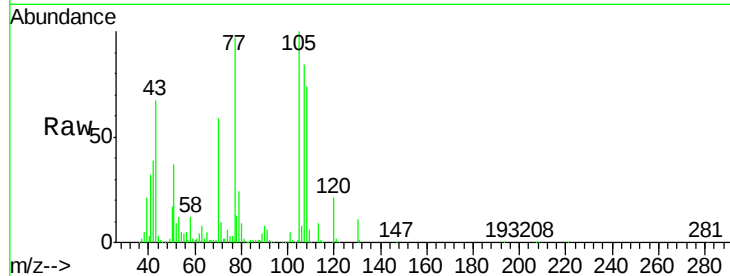
#19
n-Nitroso-di-n-propylamine
Concen: 45.51 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF084805.D
Acq: 4 Feb 2016 00:52

Instrument :
BNA_F
ClientSampleId :
SOUTH-SIDEWALL(11.5)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	66.3	33.3	49.9#		
101	8.9	9.3	13.9#		
130	18.8	23.4	35.0#		

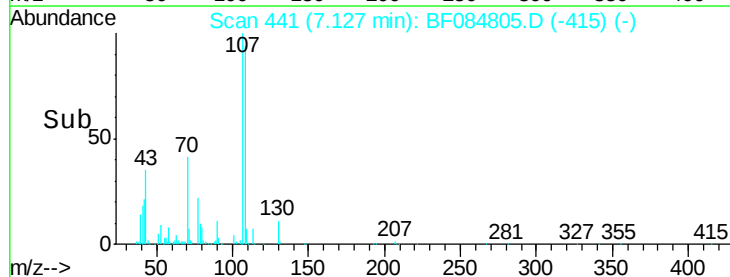
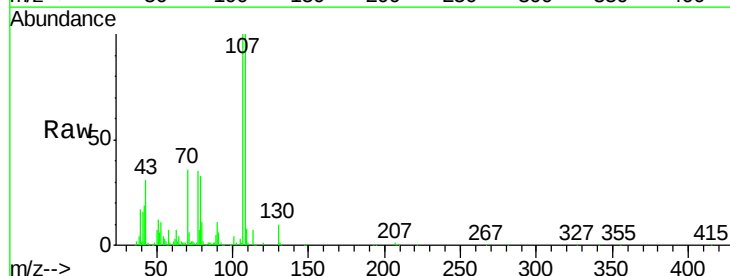
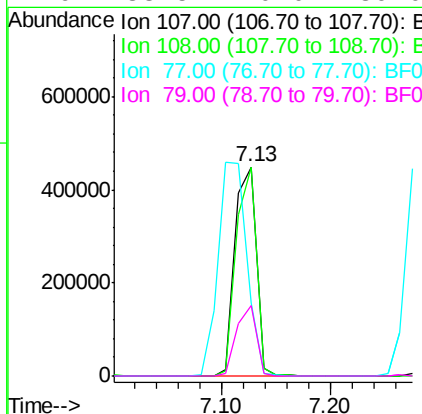
Manual Integrations
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#20
3+4-Methylphenols
Concen: 47.37 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.00 min
Lab File: BF084805.D
Acq: 4 Feb 2016 00:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	99.9	74.6	114.6		
77	34.9	0.7	40.7		
79	33.5	0.0	39.0		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF084805.D

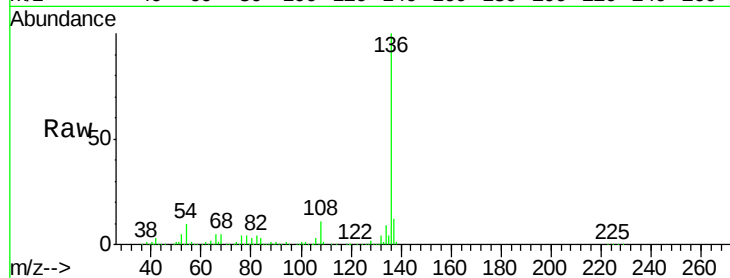
Acq: 4 Feb 2016 00:52

Instrument :

BNA_F

ClientSampleId :

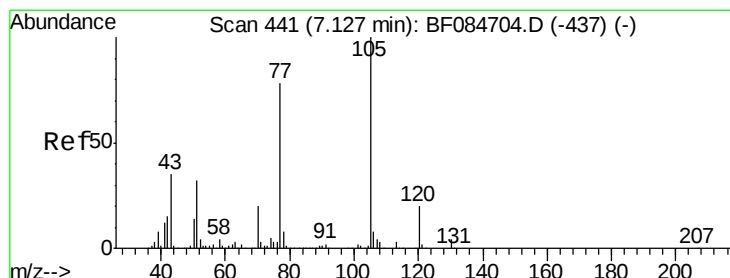
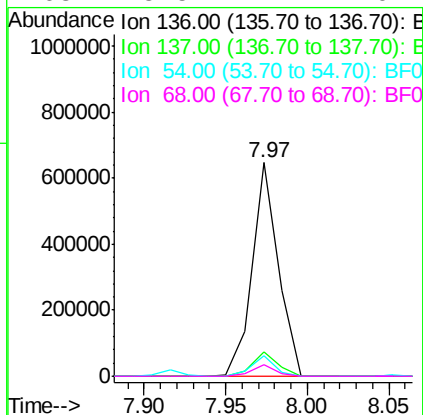
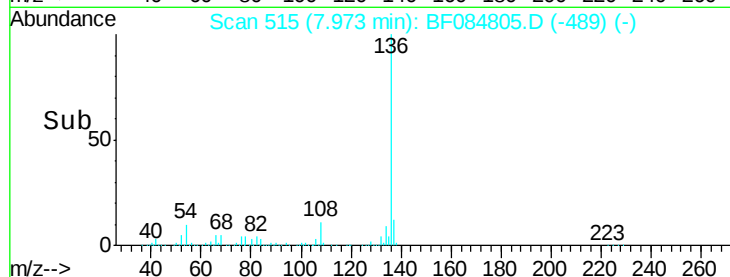
SOUTH-SIDEWALL(11.5)MS



Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.6	8.7	13.1
54	9.8	5.8	8.8
68	5.5	4.2	6.2

Manual Integrations
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#22

Acetophenone

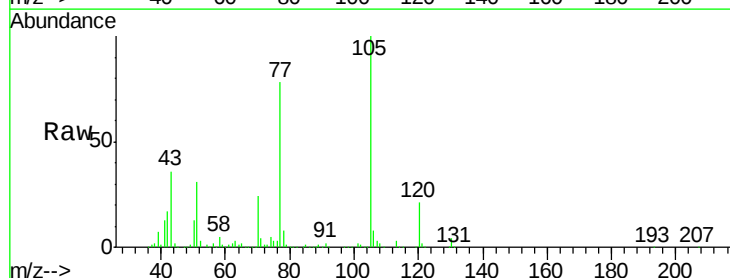
Concen: 45.43 ng

RT: 7.10 min Scan# 439

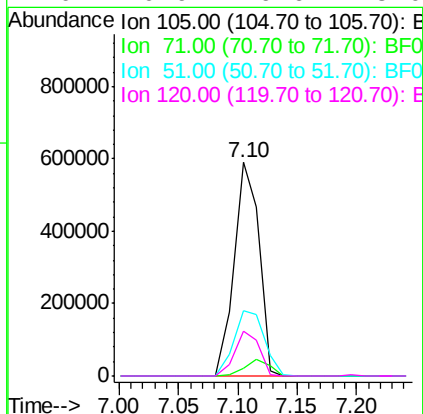
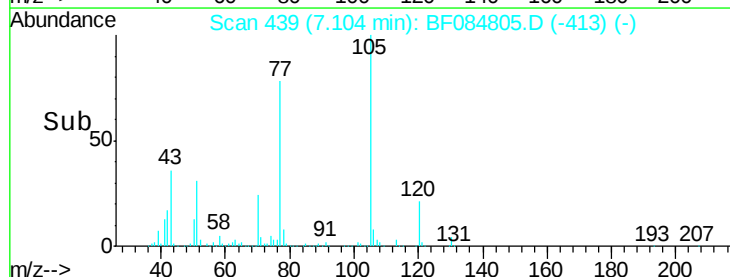
Delta R.T. -0.00 min

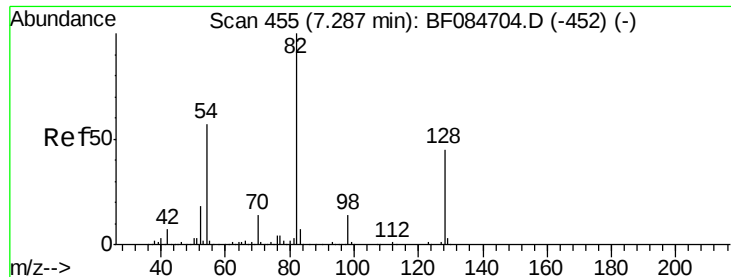
Lab File: BF084805.D

Acq: 4 Feb 2016 00:52



Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	3.9	3.7	5.5
51	30.6	25.1	37.7
120	20.9	16.6	25.0





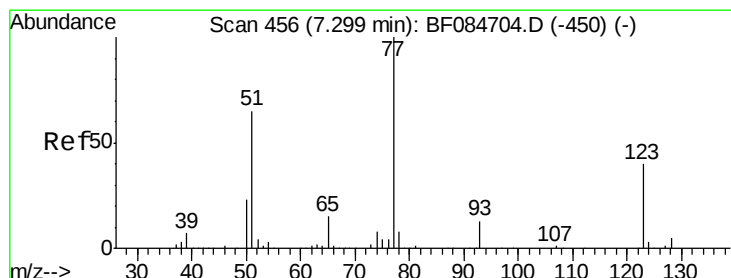
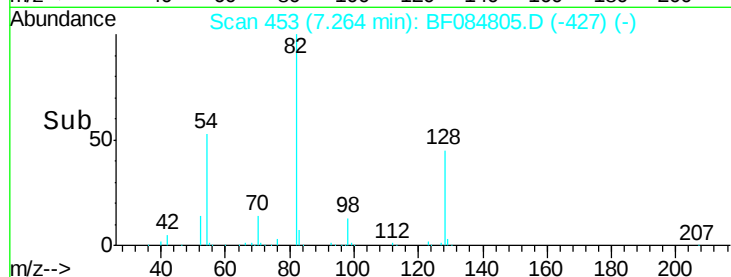
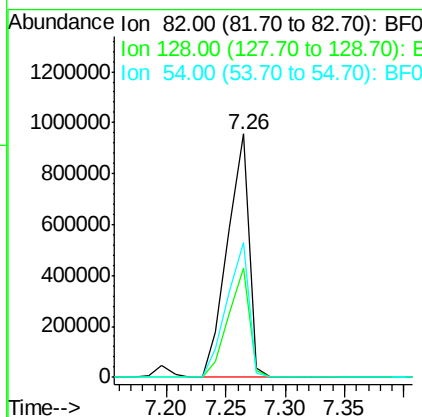
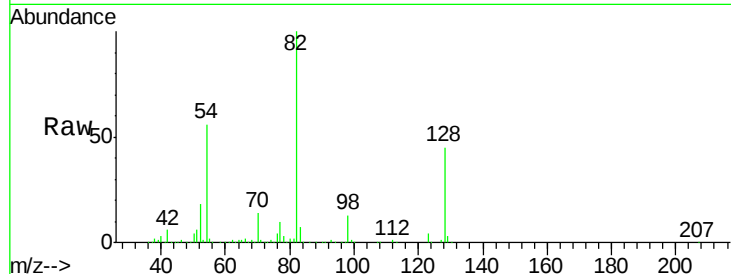
#23
 Nitrobenzene-d5
 Concen: 94.97 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.00 min
 Lab File: BF084805.D
 Acq: 4 Feb 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDEWALL(11.5)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.6	51.8
54	55.6	38.4	57.6

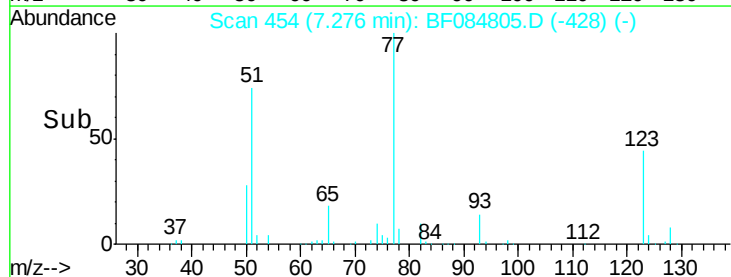
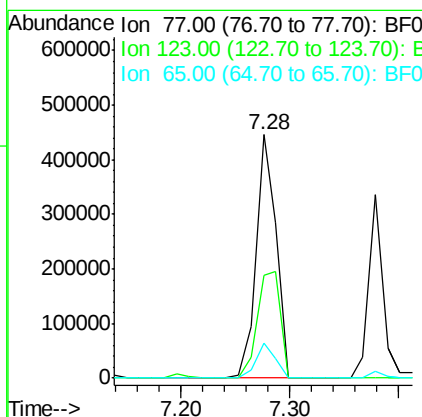
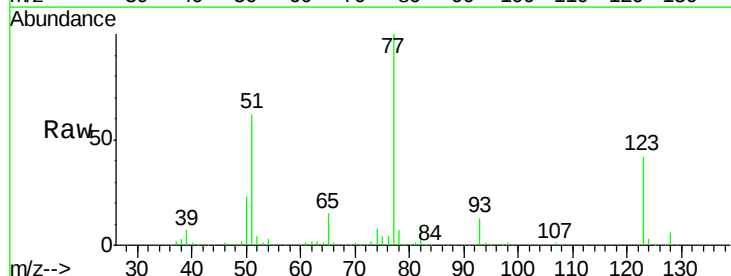
Manual Integrations
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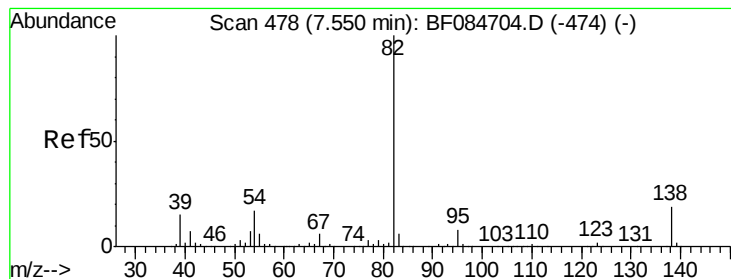
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#24
 Nitrobenzene
 Concen: 41.85 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.00 min
 Lab File: BF084805.D
 Acq: 4 Feb 2016 00:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.2	37.4	56.2
65	14.5	10.9	16.3





#25

Isophorone

Concen: 46.47 ng

RT: 7.53 min Scan# 476

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)MS

Tot Ion: 82 Resp: 1149629

Ion Ratio Lower Upper

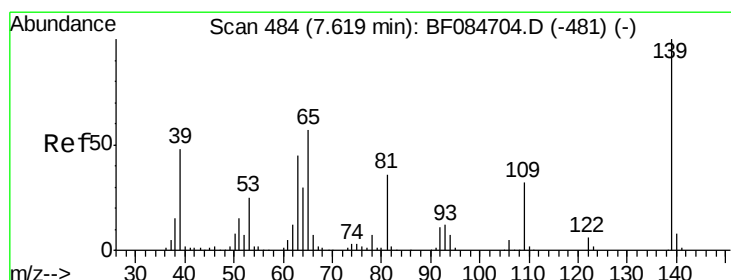
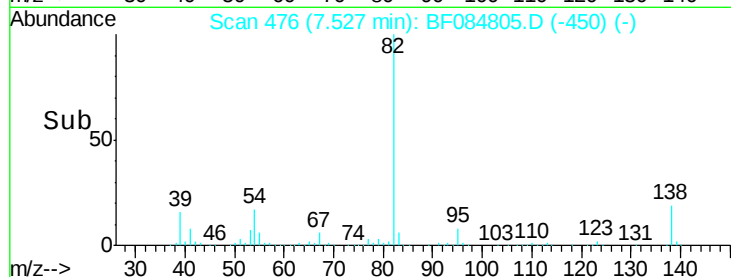
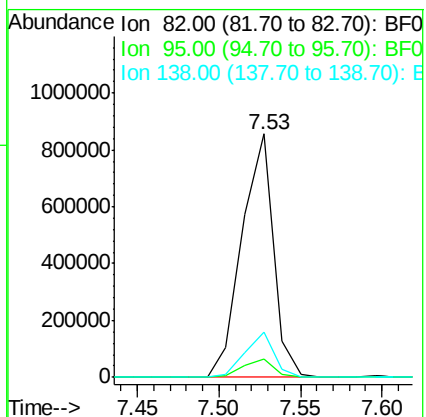
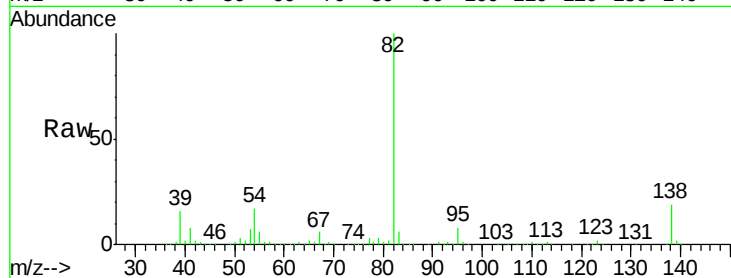
82 100

95 7.8 6.6 10.0

138 18.7 13.6 20.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.85 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

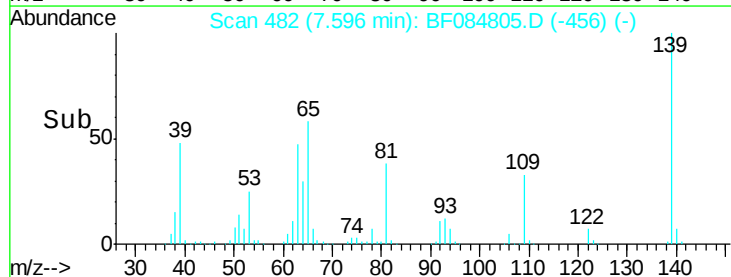
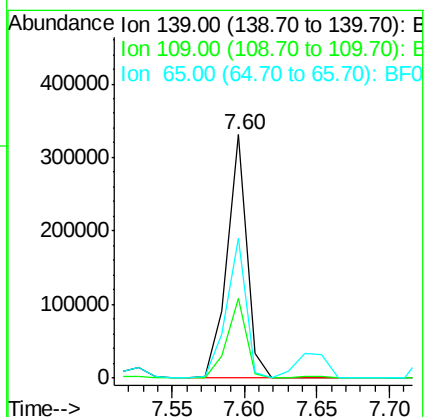
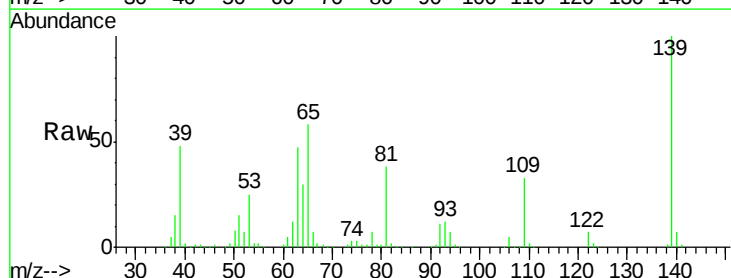
Tgt Ion: 139 Resp: 314780

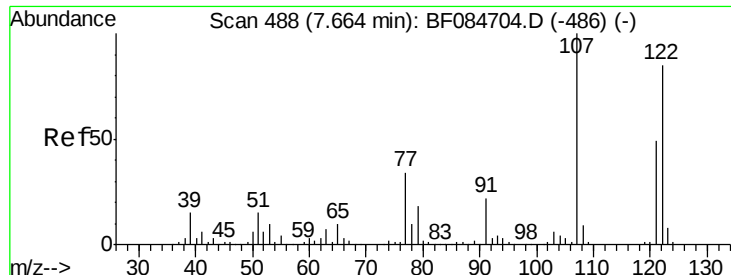
Ion Ratio Lower Upper

139 100

109 32.7 25.4 38.2

65 57.6 32.3 48.5#





#27

2,4-Dimethylphenol

Concen: 47.91 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Instrument :

BNA_F

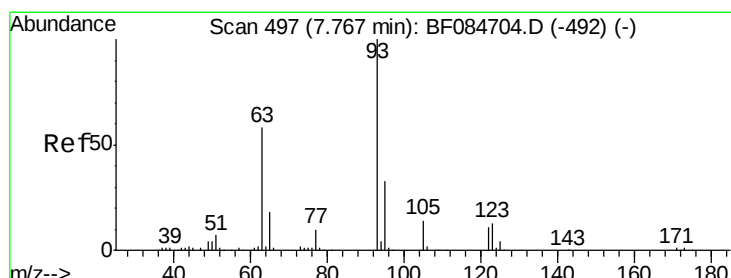
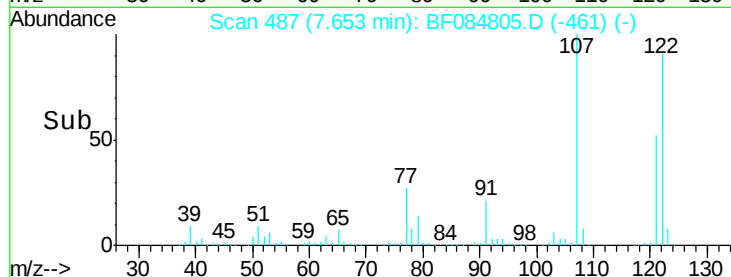
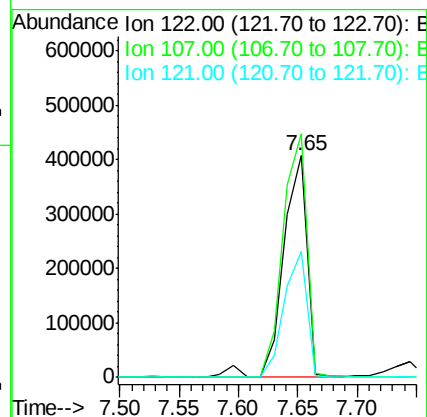
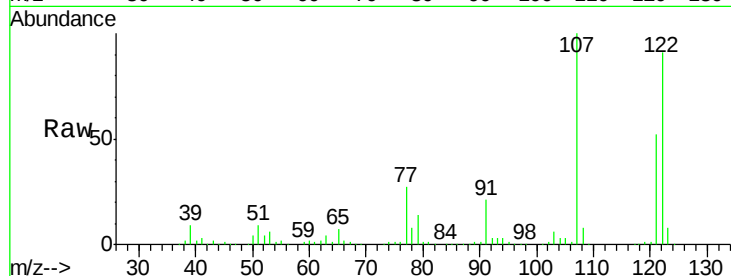
ClientSampleId :

SOUTH-SIDEWALL(11.5)MS

Tot Ion:	122	Resp:	559923
Ion Ratio	Lower	Upper	
122	100		
107	110.0	99.1	148.7
121	56.9	47.9	71.9

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#28

bis(2-Chloroethoxy)methane

Concen: 49.03 ng

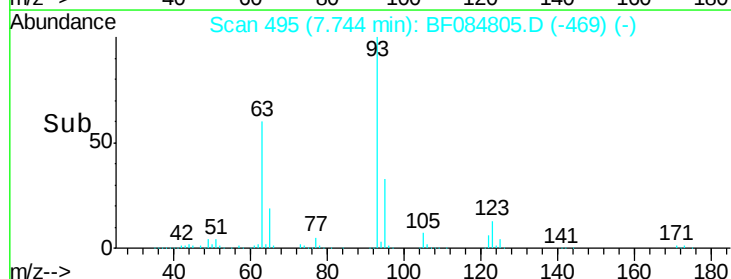
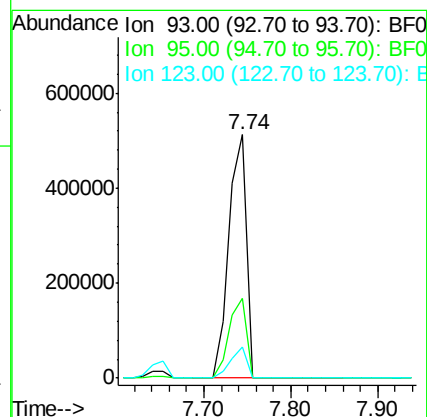
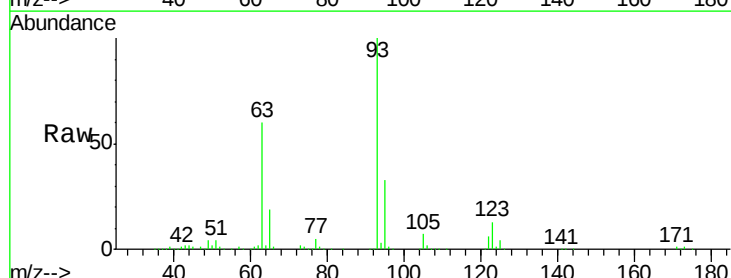
RT: 7.74 min Scan# 495

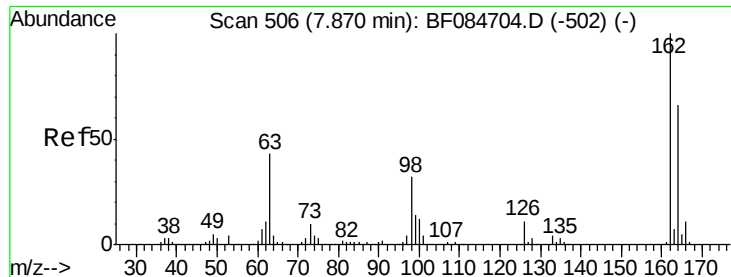
Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Tgt Ion:	93	Resp:	719629
Ion Ratio	Lower	Upper	
93	100		
95	32.9	25.8	38.6
123	12.6	8.6	12.8





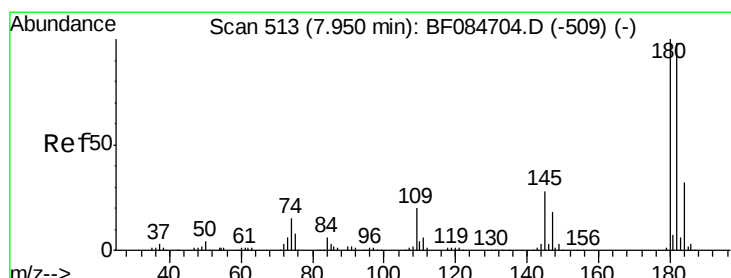
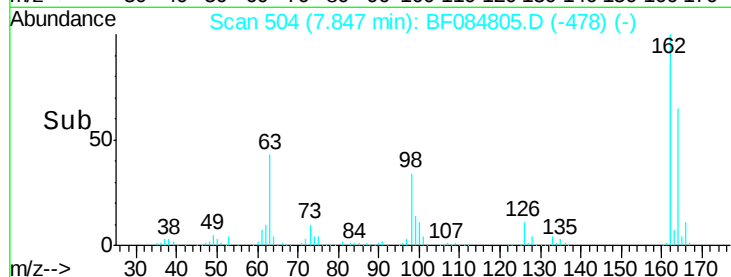
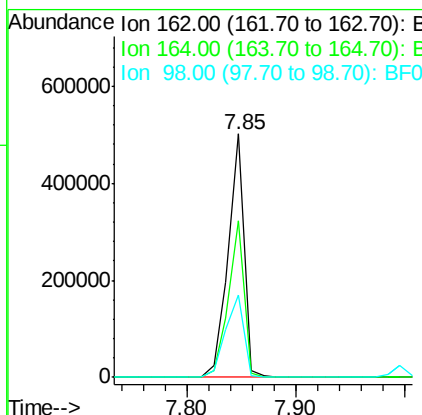
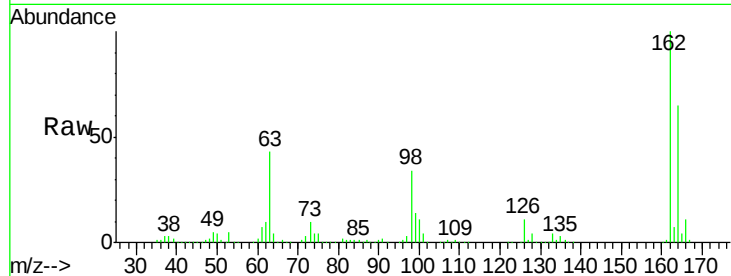
#29
 2,4-Dichlorophenol
 Concen: 50.89 ng
 RT: 7.85 min Scan# 504
 Delta R.T. -0.00 min
 Lab File: BF084805.D
 Acq: 4 Feb 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDEWALL(11.5)MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.6	44.1	84.1
98	34.0	20.2	60.2

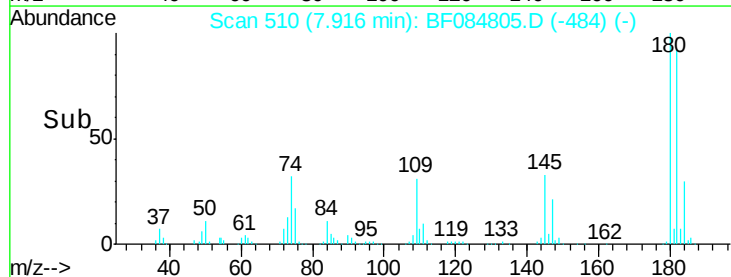
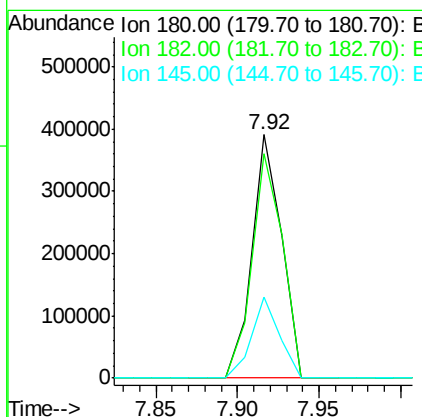
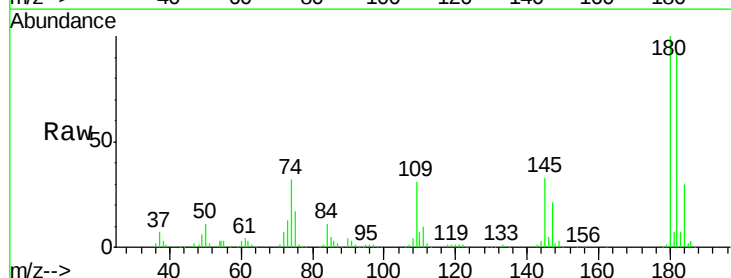
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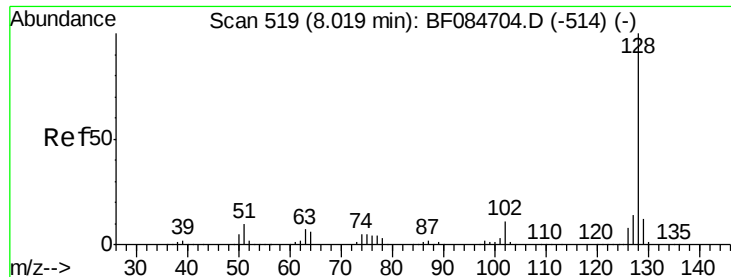
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.37 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: BF084805.D
 Acq: 4 Feb 2016 00:52

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	92.4	76.4	114.6
145	33.2	31.6	47.4





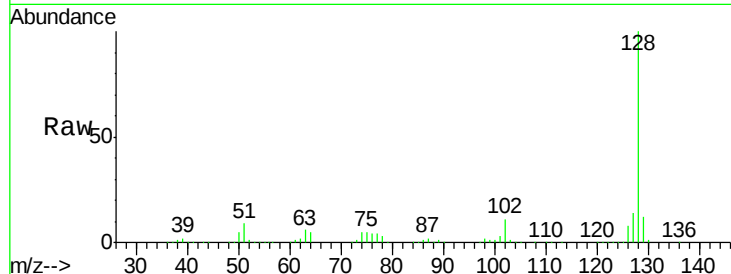
#31
Naphthalene
Concen: 42.34 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.00 min
Lab File: BF084805.D
Acq: 4 Feb 2016 00:52

Instrument :
BNA_F
ClientSampleId :
SOUTH-SIDEWALL(11.5)MS

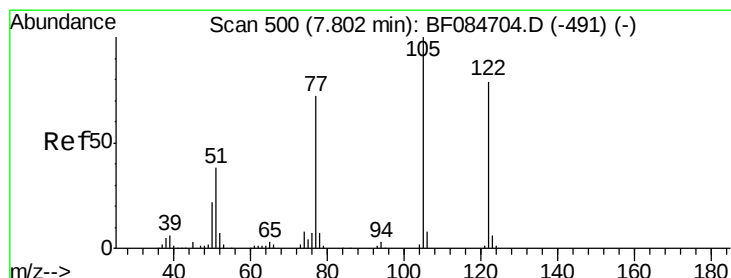
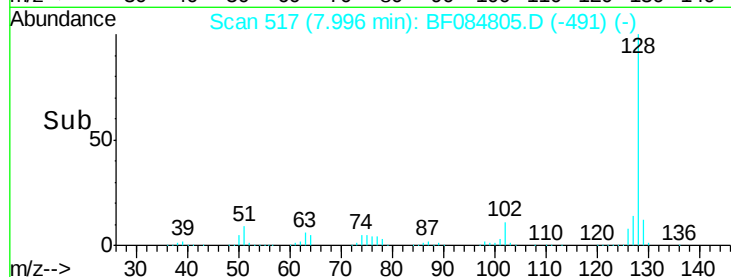
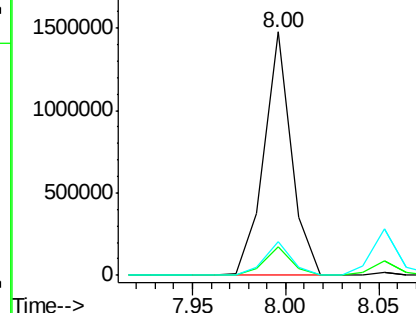
Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.1	13.7
127	13.7	11.1	16.7

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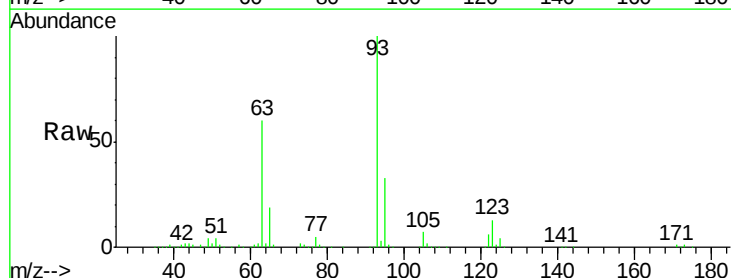


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

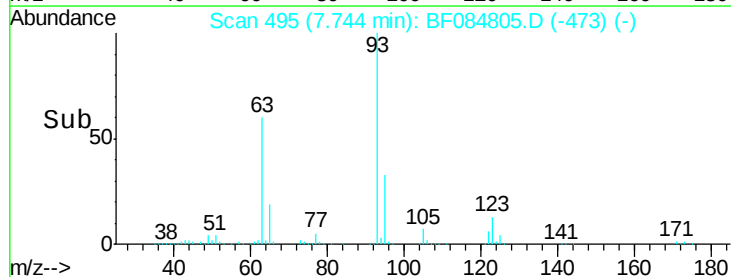
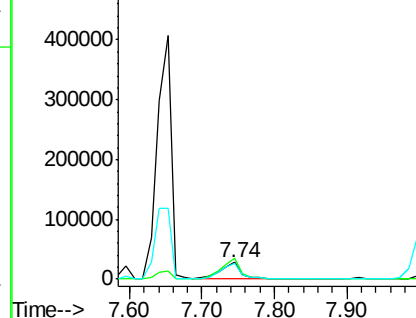


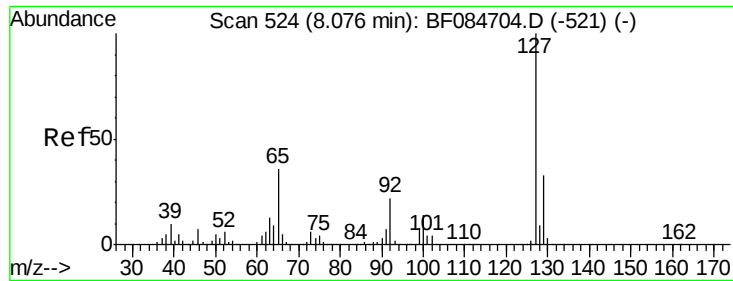
#32
Benzoic acid
Concen: 7.95 ng
RT: 7.74 min Scan# 495
Delta R.T. -0.05 min
Lab File: BF084805.D
Acq: 4 Feb 2016 00:52

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.7	100.3	140.3
77	96.0	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





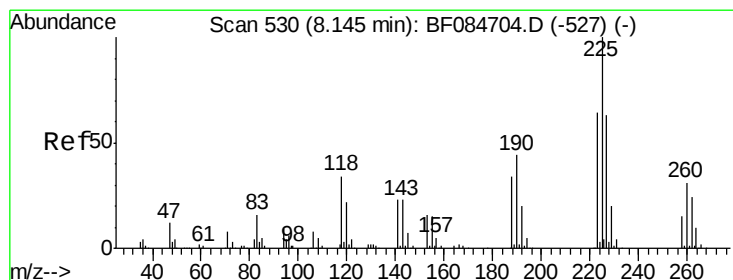
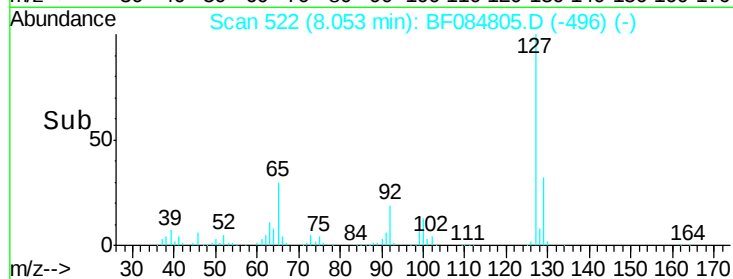
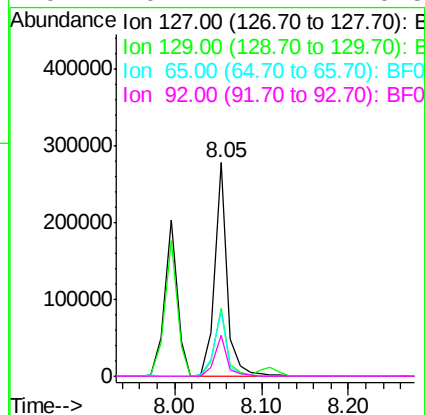
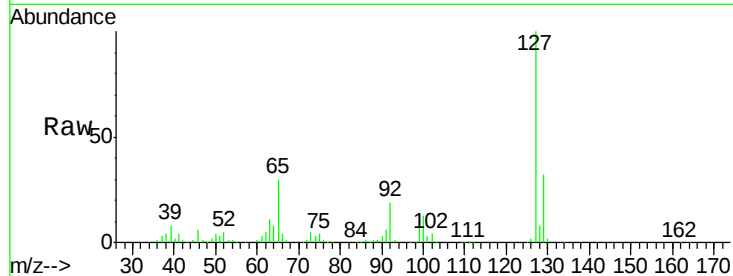
#33
4-Chloroaniline
Concen: 19.09 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.00 min
Lab File: BF084805.D
Acq: 4 Feb 2016 00:52

Instrument :
BNA_F
ClientSampleId :
SOUTH-SIDEWALL(11.5)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.9	26.5	39.7		
65	30.4	27.2	40.8		
92	19.1	17.7	26.5		

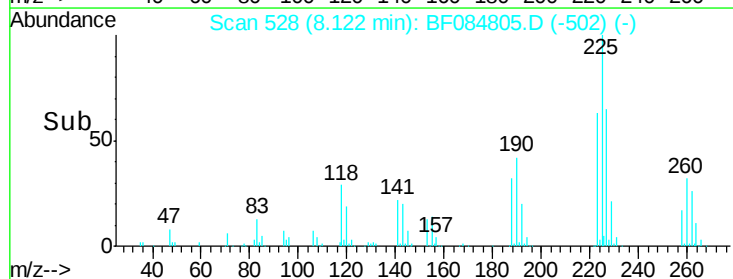
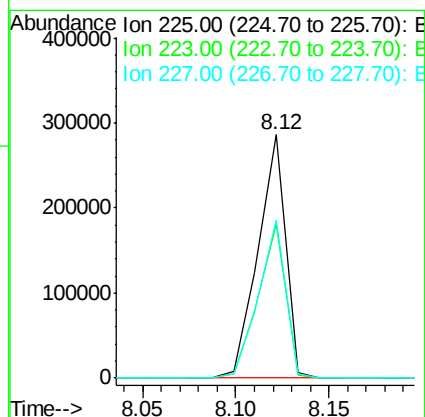
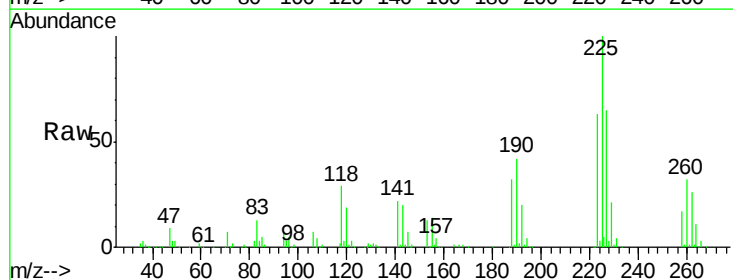
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#34
Hexachlorobutadiene
Concen: 44.73 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF084805.D
Acq: 4 Feb 2016 00:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.3	49.4	74.0		
227	64.8	50.8	76.2		





#35

Caprolactam

Concen: 49.15 ng/mL

RT: 8.44 min Scan# 556

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Instrument :

BNA_F

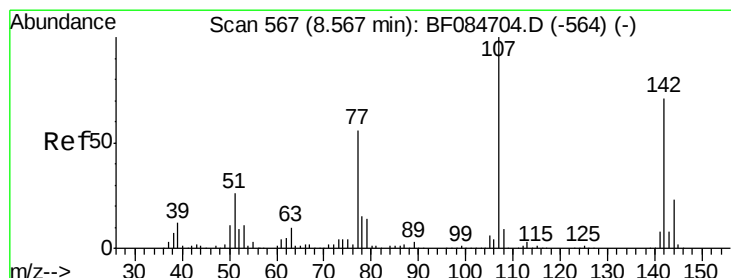
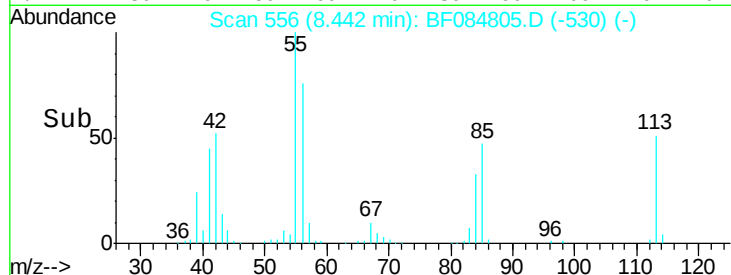
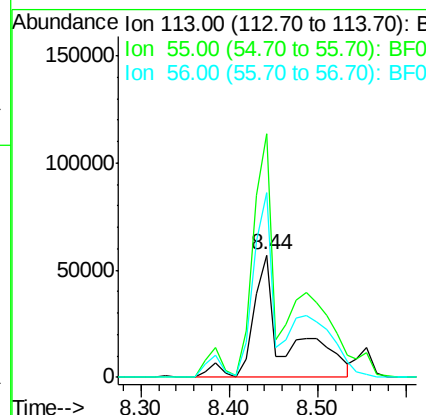
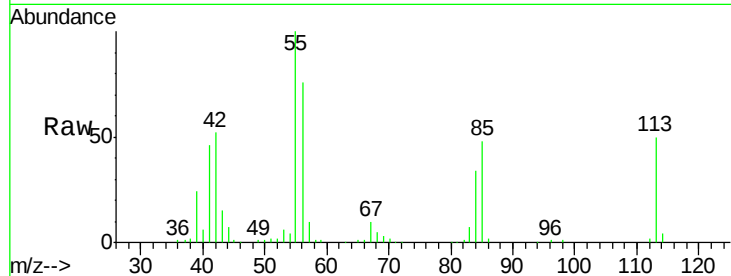
ClientSampleId :

SOUTH-SIDEWALL(11.5)MS

Tot Ion:	113	Resp:	151481
Ion Ratio	Lower	Upper	
113	100		
55	198.6	116.9	156.9#
56	151.0	93.8	133.8#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 46.35 ng/mL

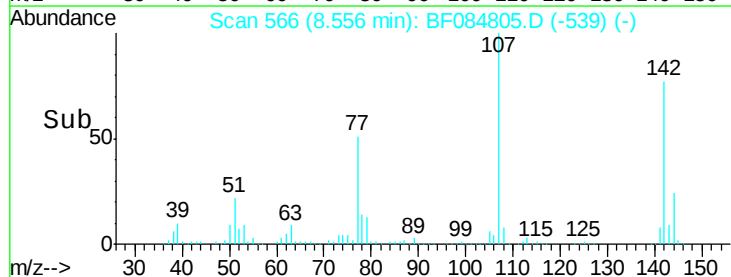
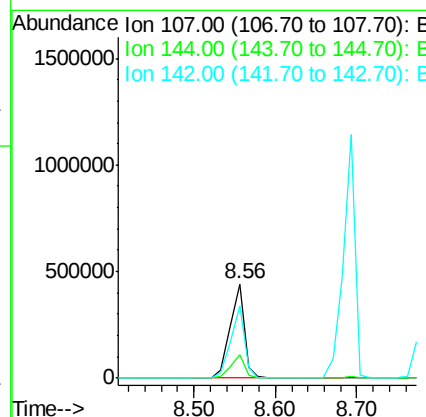
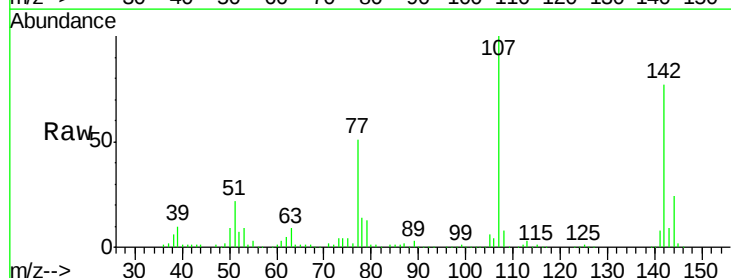
RT: 8.56 min Scan# 566

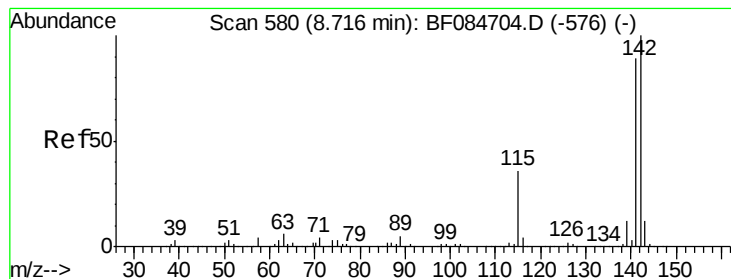
Delta R.T. 0.01 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Tgt Ion:	107	Resp:	528812
Ion Ratio	Lower	Upper	
107	100		
144	24.4	19.7	29.5
142	76.6	61.8	92.6





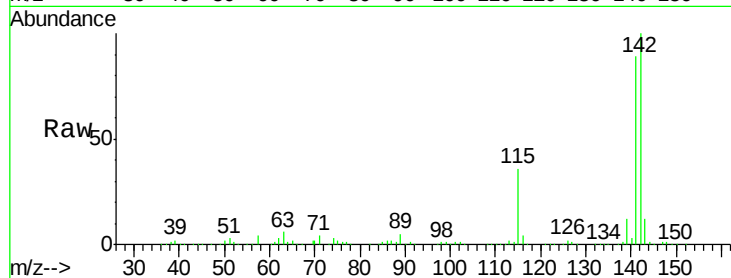
#37
2-Methylnaphthalene
Concen: 52.66 ng
RT: 8.69 min Scan# 578
Delta R.T. -0.00 min
Lab File: BF084805.D
Acq: 4 Feb 2016 00:52

Instrument :
BNA_F
ClientSampleId :
SOUTH-SIDEWALL(11.5)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.4	108.6
115	36.0	27.9	41.9

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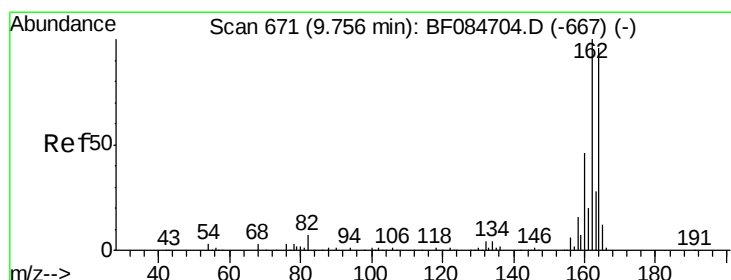
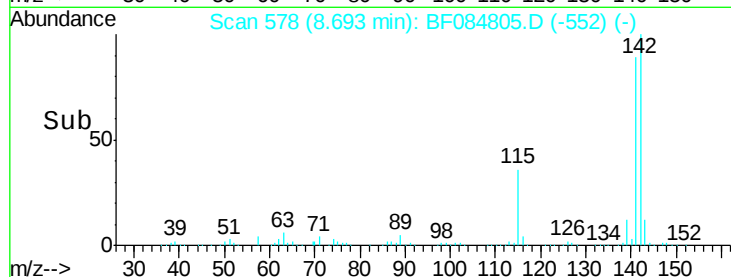
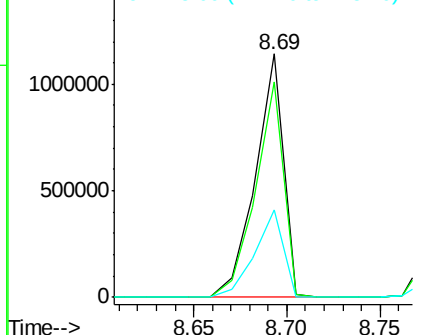


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF084805.D
Acq: 4 Feb 2016 00:52

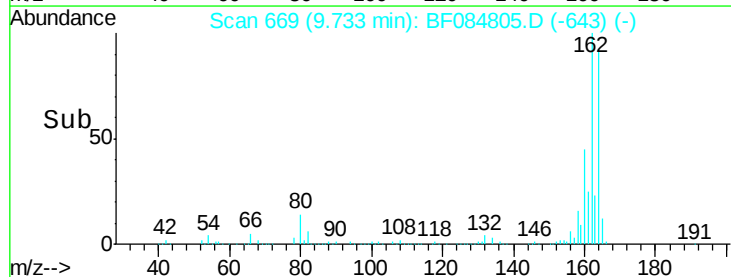
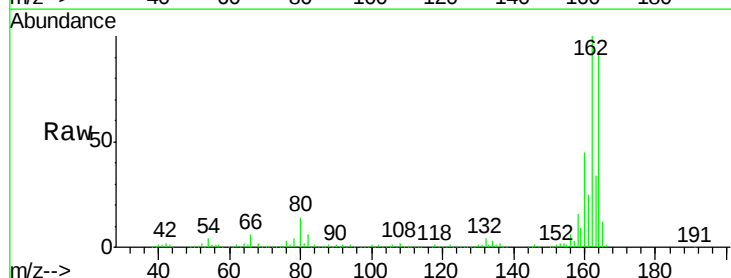
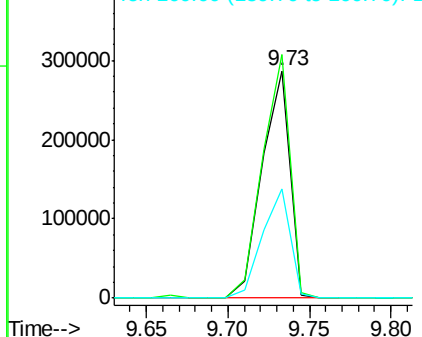
Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.2	85.1	127.7
160	48.2	37.5	56.3

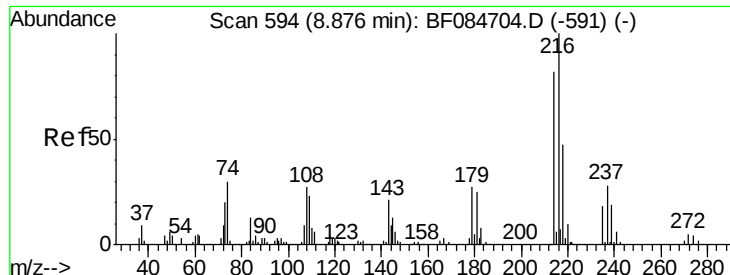
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.52 ng

RT: 8.85 min Scan# 592

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Instrument :

BNA_F

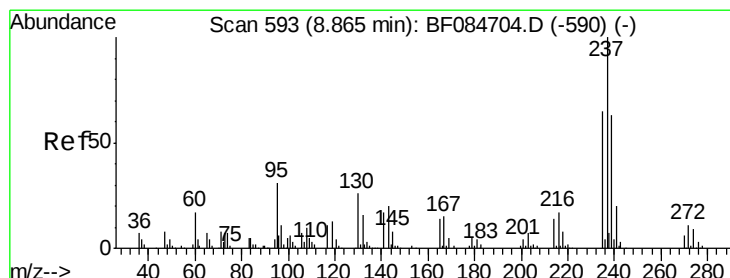
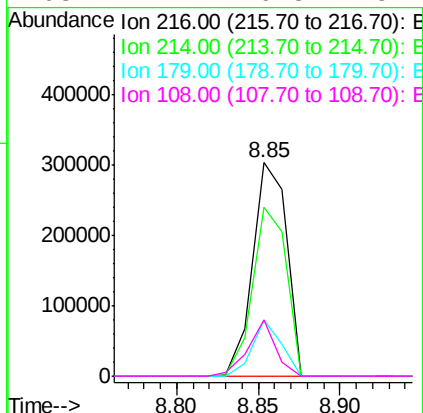
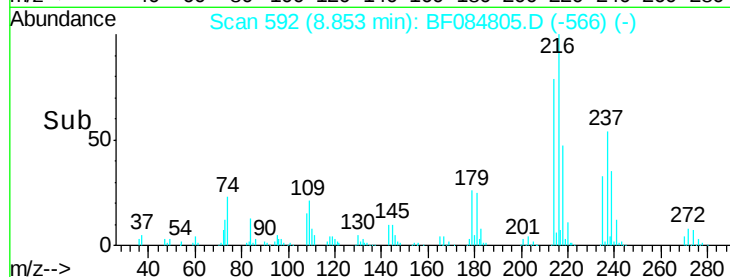
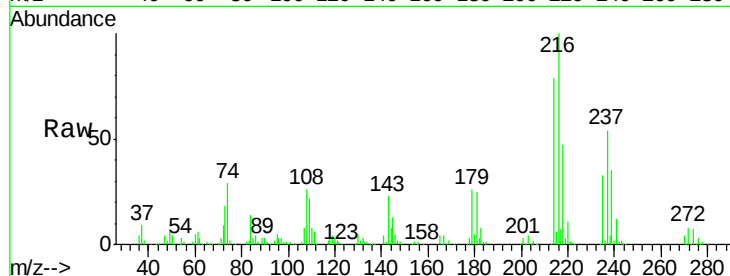
ClientSampleId :

SOUTH-SIDEWALL(11.5)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
437901	216	100			
	214	78.7	64.2	96.2	
	179	22.3	18.7	28.1	
	108	21.7	16.8	25.2	

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#40

Hexachlorocyclopentadiene

Concen: 85.52 ng

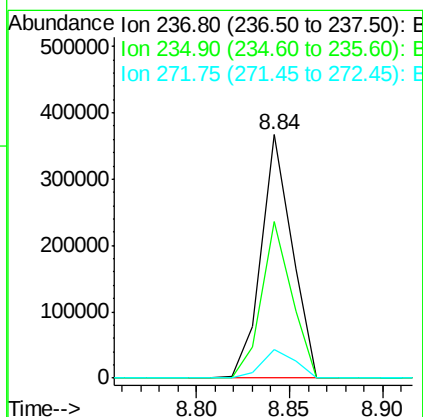
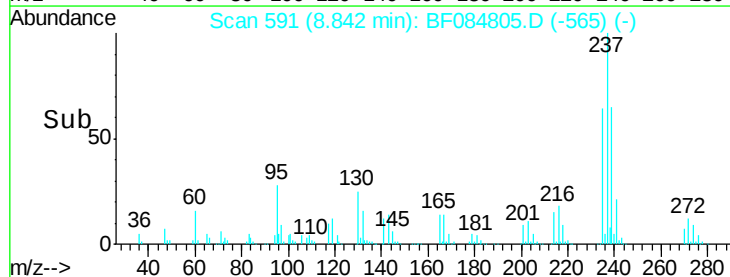
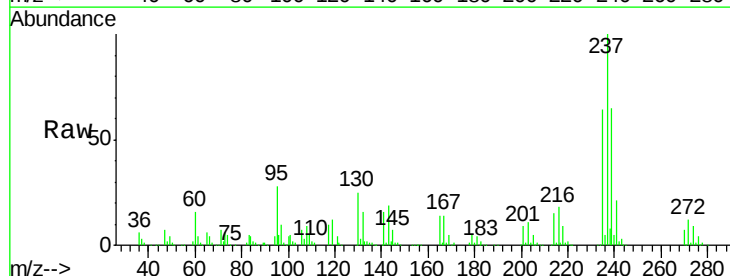
RT: 8.84 min Scan# 591

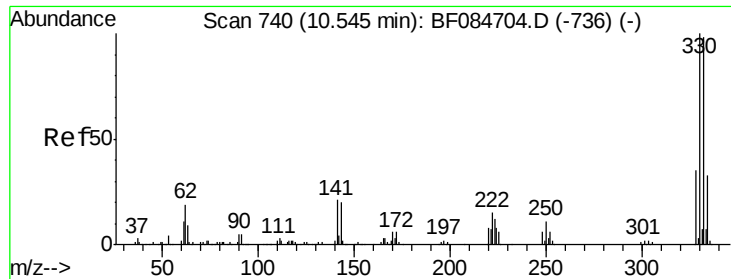
Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
419475	237	100			
	235	64.2	43.1	83.1	
	272	11.8	0.0	35.1	





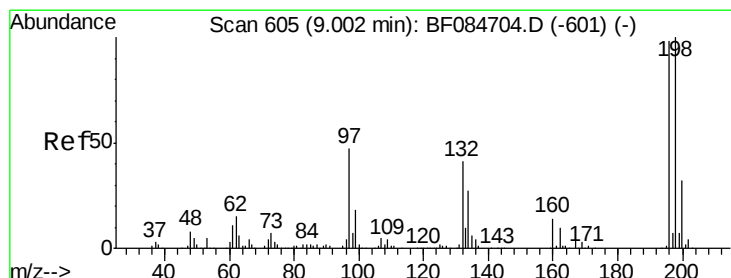
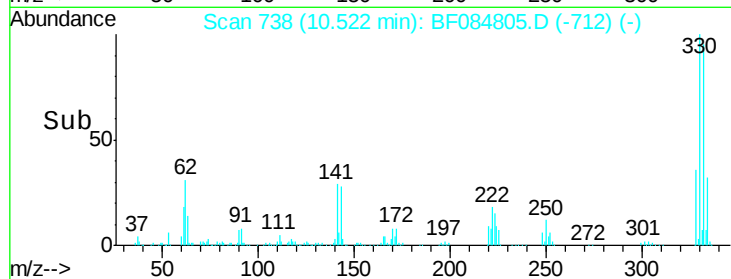
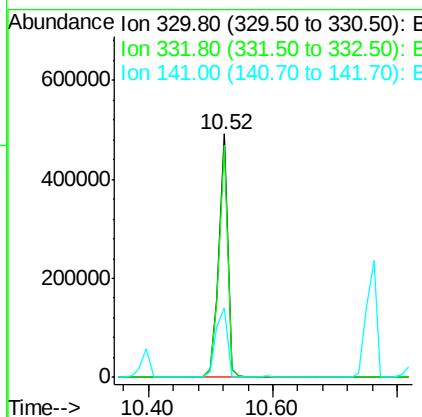
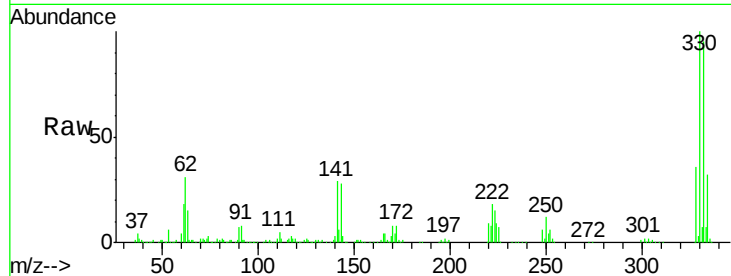
#41
 2,4,6-Tribromophenol
 Concen: 134.37 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF084805.D
 Acq: 4 Feb 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDEWALL(11.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	476887		
332	95.6	76.6	114.8	
141	37.5	27.8	41.6	

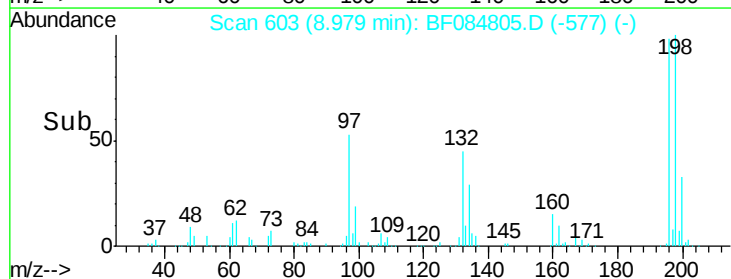
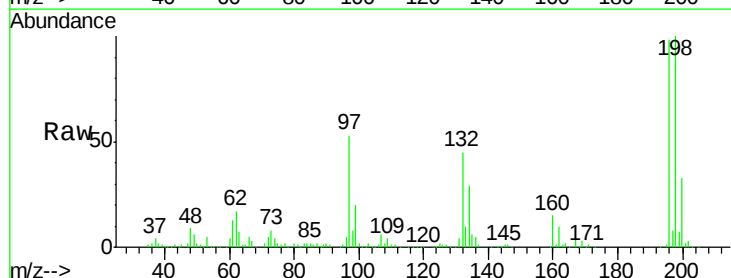
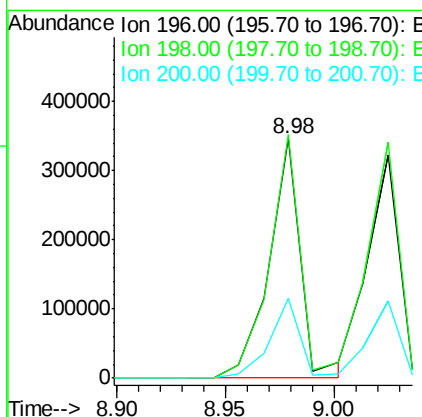
Manual Integrations
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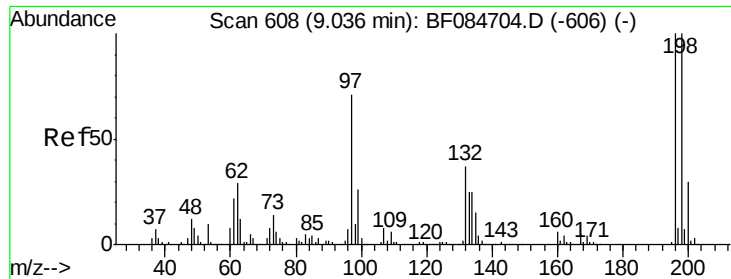
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#42
 2,4,6-Trichlorophenol
 Concen: 50.76 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF084805.D
 Acq: 4 Feb 2016 00:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	353404		
198	101.6	77.7	116.5	
200	33.2	24.6	37.0	





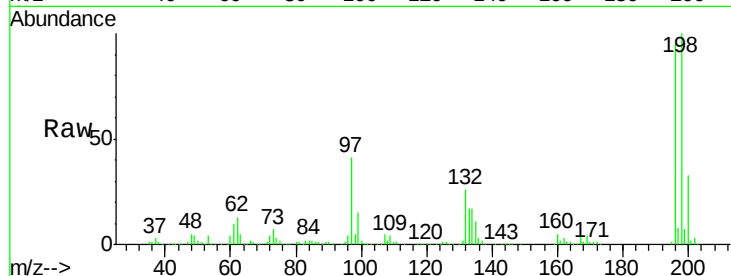
#43
 2,4,5-Trichlorophenol
 Concen: 46.17 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: BF084805.D
 Acq: 4 Feb 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDEWALL(11.5)MS

Tot Ion	196	Resp	326624
Ion Ratio	Lower	Upper	
196	100		
198	105.6	79.0	118.6
97	43.3	33.0	49.6
132	27.8	21.1	31.7

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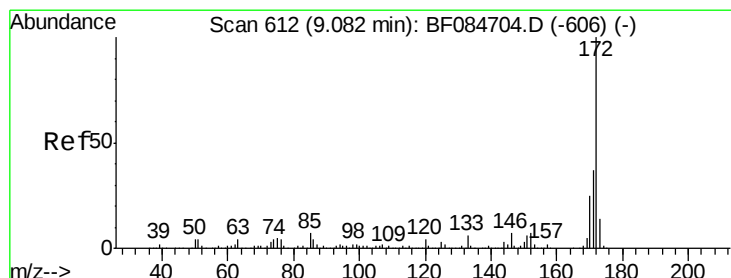
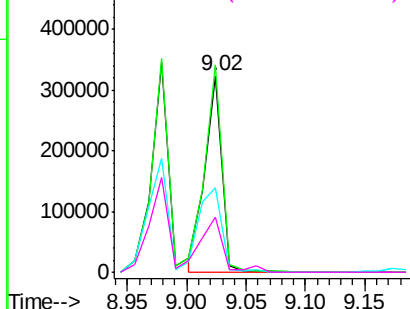
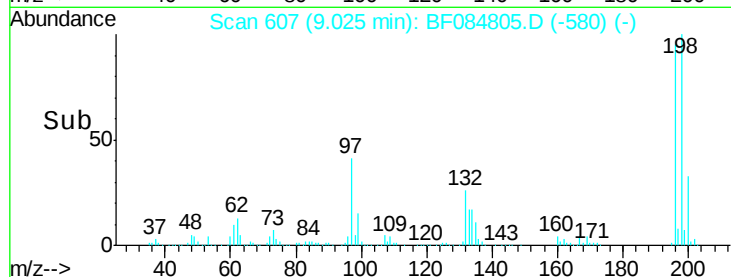
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

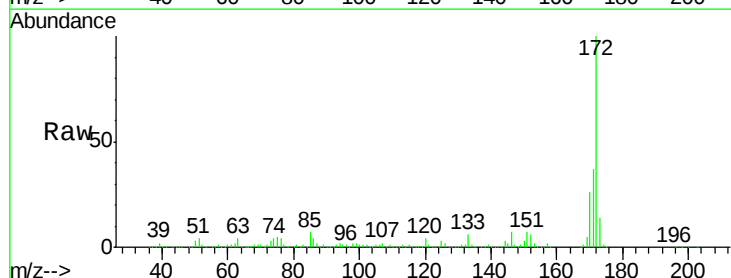
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 94.10 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF084805.D
 Acq: 4 Feb 2016 00:52

Tgt Ion	172	Resp	1832963
Ion Ratio	Lower	Upper	
172	100		
171	37.4	28.9	43.3
170	25.8	18.6	27.8

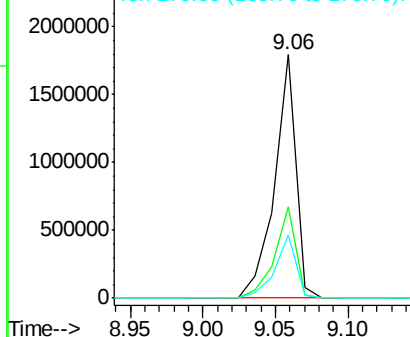
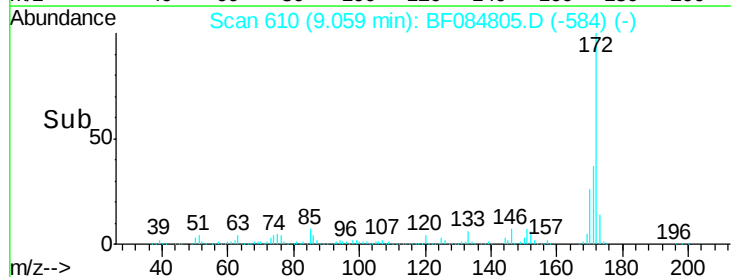


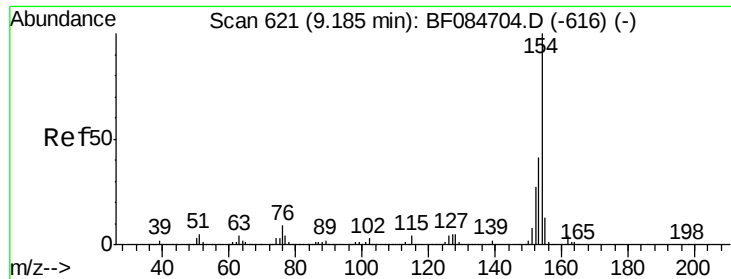
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 44.02 ng

RT: 9.16 min Scan# 619

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)MS

Tot Ion:154 Resp: 1337819

Ion Ratio Lower Upper

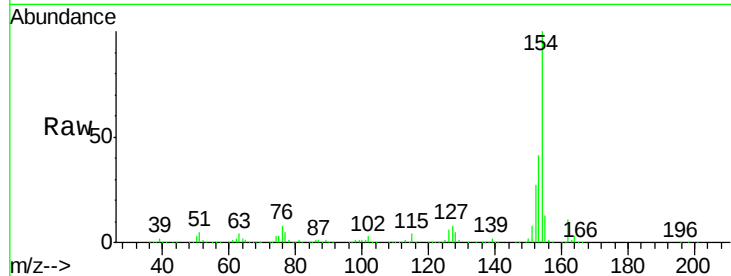
154 100

153 40.9 21.6 61.6

76 8.5 0.0 32.7

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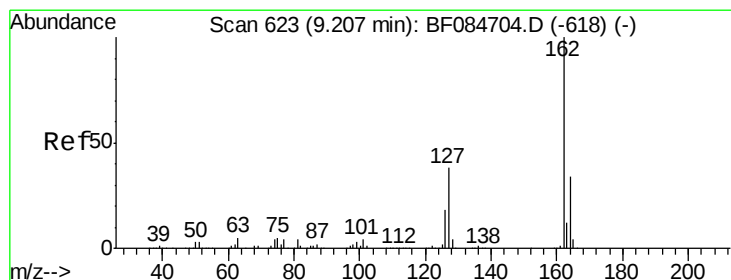
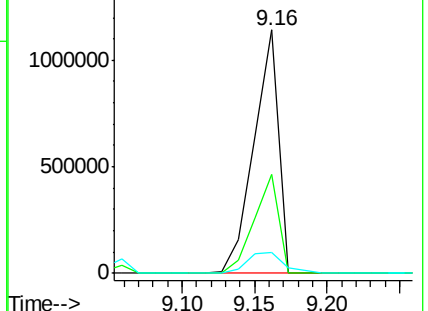
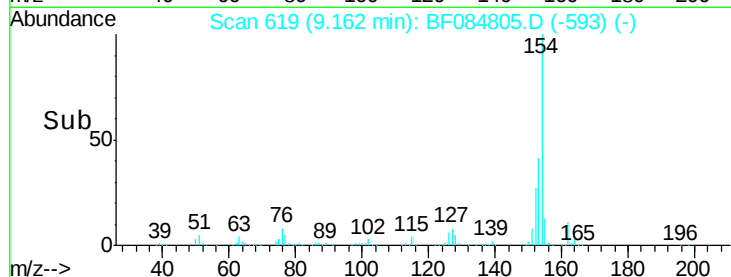
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 43.92 ng

RT: 9.18 min Scan# 621

Delta R.T. 0.01 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

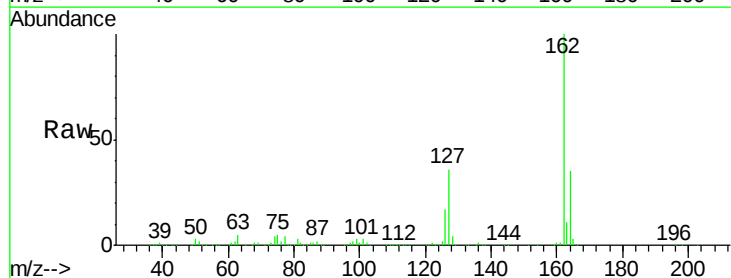
Tgt Ion:162 Resp: 983070

Ion Ratio Lower Upper

162 100

127 36.3 40.2 60.4#

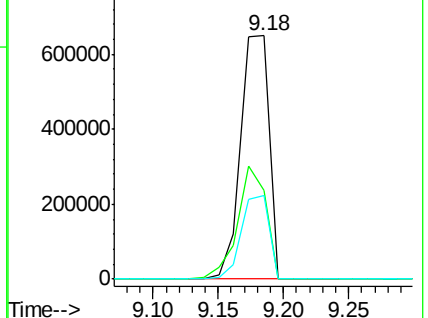
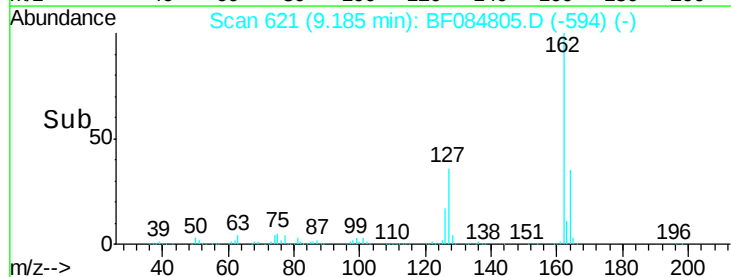
164 34.5 25.7 38.5

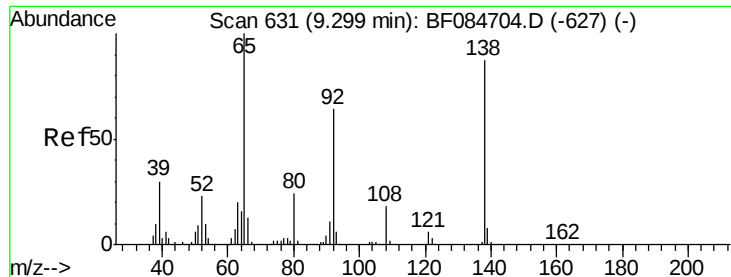


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.37 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Instrument :

BNA_F

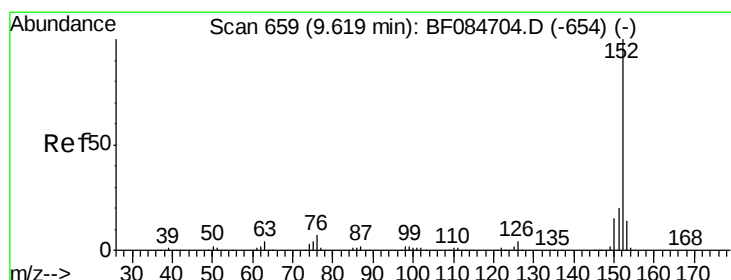
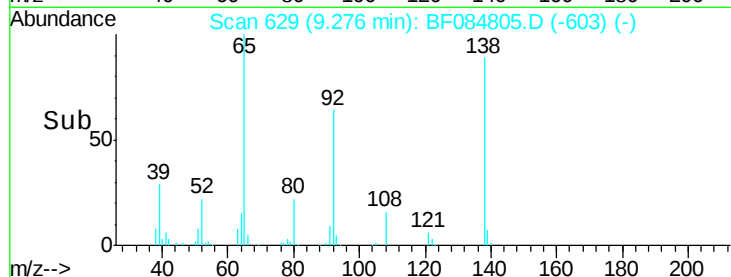
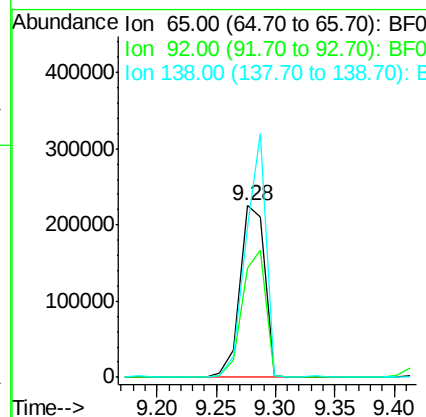
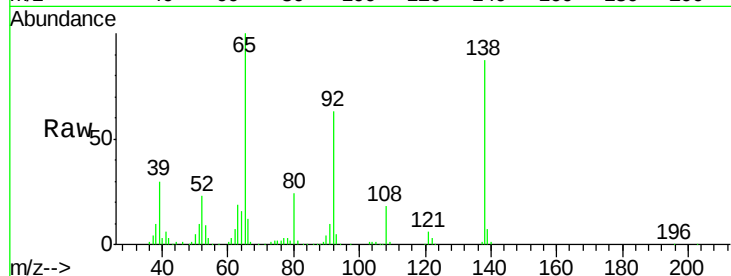
ClientSampleId :

SOUTH-SIDEWALL(11.5)MS

Tot Ion:	65	Resp:	328584
Ion Ratio	Lower	Upper	
65	100		
92	63.4	53.4	80.2
138	87.5	71.1	106.7

Manual Integrations
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#48

Acenaphthylene

Concen: 45.44 ng

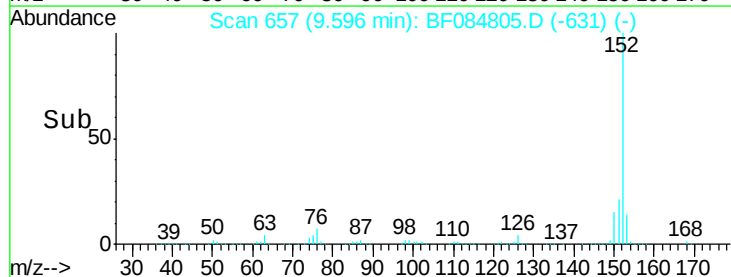
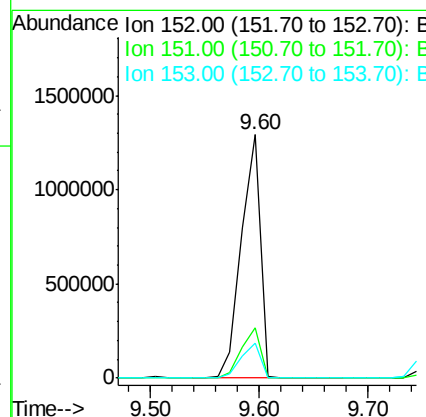
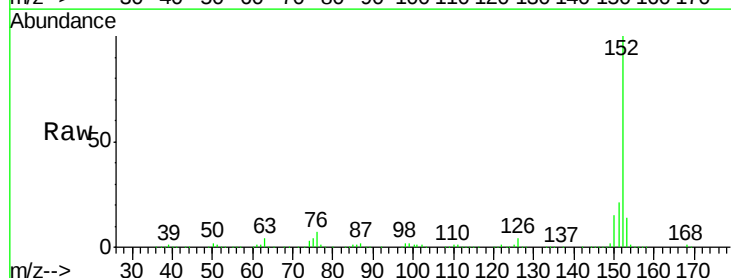
RT: 9.60 min Scan# 657

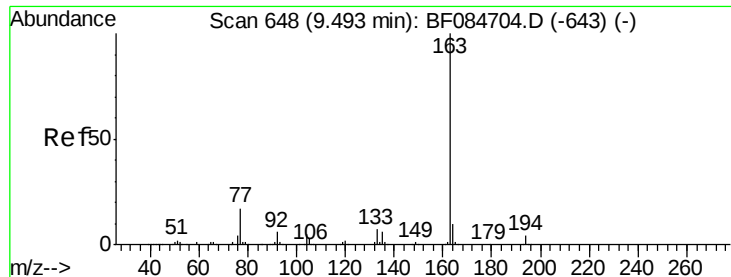
Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Tgt Ion:	152	Resp:	1543432
Ion Ratio	Lower	Upper	
152	100		
151	20.9	16.3	24.5
153	14.3	10.4	15.6





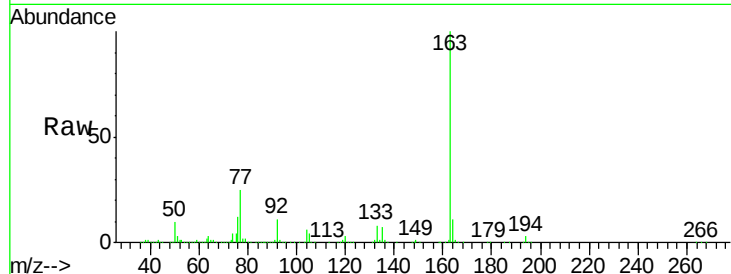
#49
Dimethylphthalate
Concen: 53.31 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.00 min
Lab File: BF084805.D
Acq: 4 Feb 2016 00:52

Instrument :
BNA_F
ClientSampleId :
SOUTH-SIDEWALL(11.5)MS

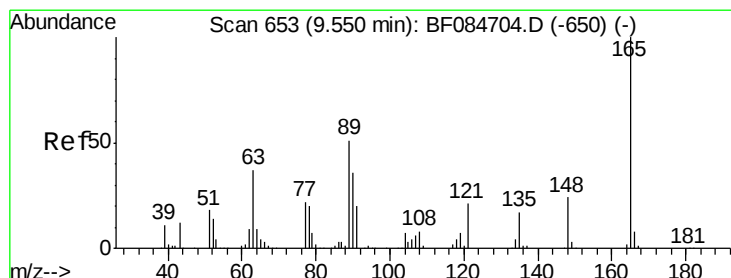
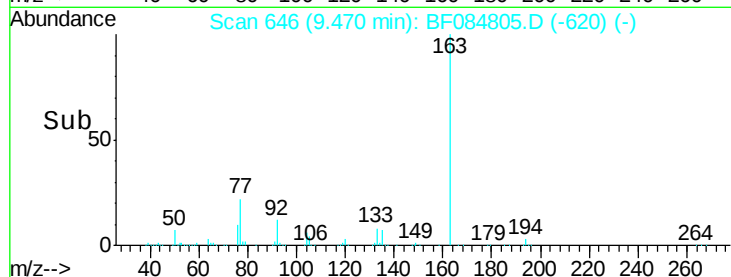
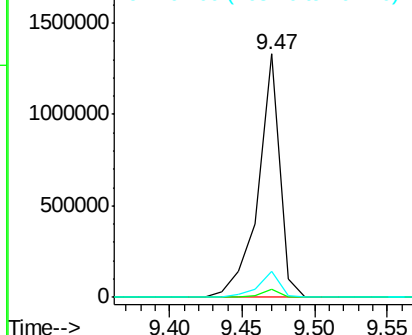
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.2	8.0	12.0#
164	10.9	8.0	12.0

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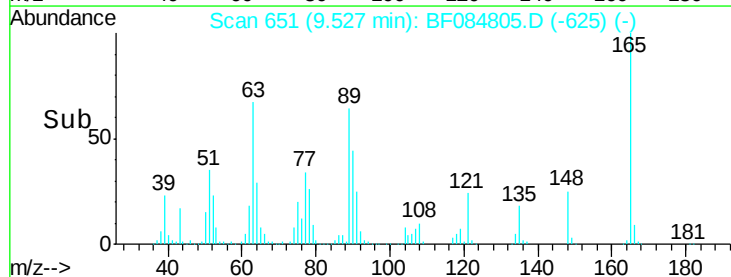
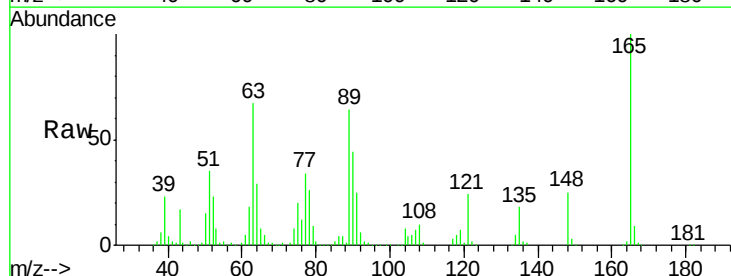
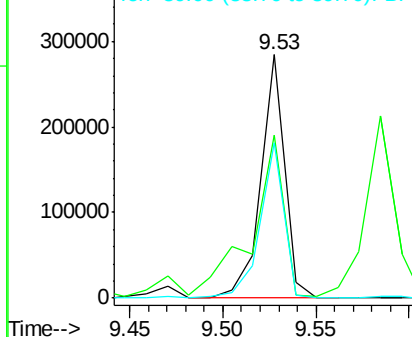
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

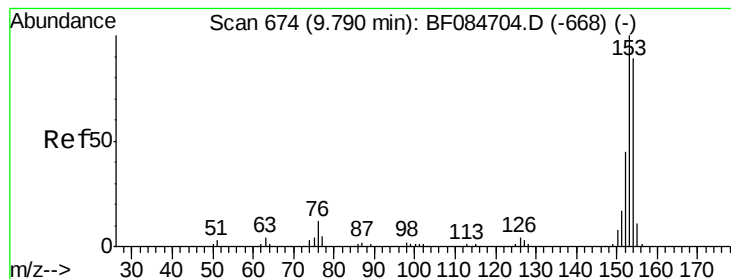


#50
2,6-Dinitrotoluene
Concen: 43.98 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF084805.D
Acq: 4 Feb 2016 00:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	67.0	28.8	43.2#
89	63.7	35.1	52.7#

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





#51

Acenaphthene

Concen: 44.78 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Instrument :

BNA_F

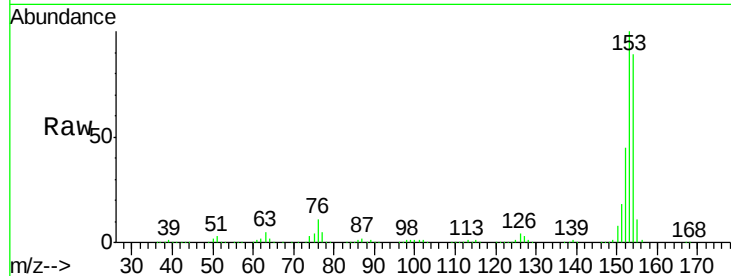
ClientSampleId :

SOUTH-SIDEWALL(11.5)MS

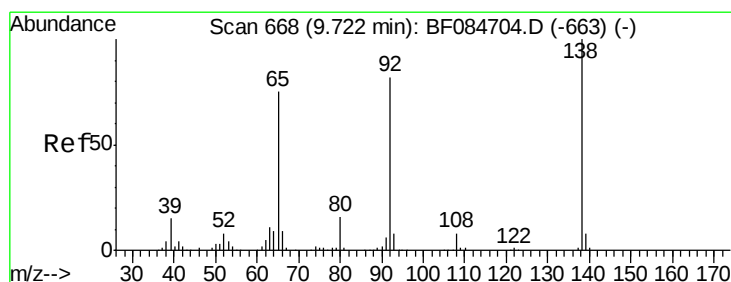
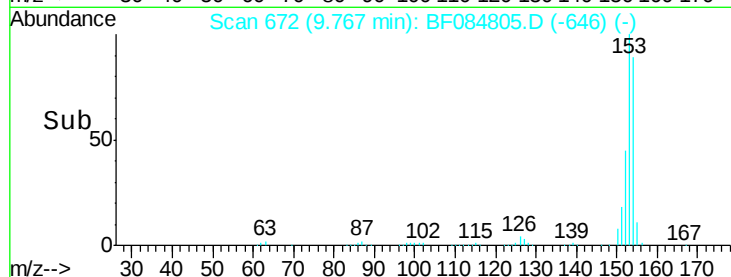
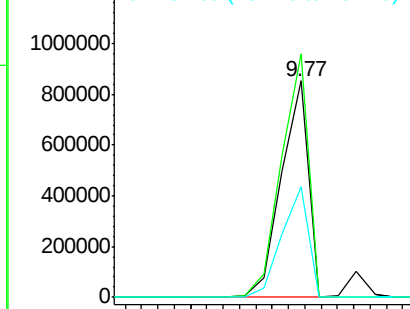
Tot Ion:	154	Resp:	989541
Ion Ratio	Lower	Upper	
154	100		
153	112.5	91.5	137.3
152	51.0	43.0	64.6

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



#52

3-Nitroaniline

Concen: 30.13 ng

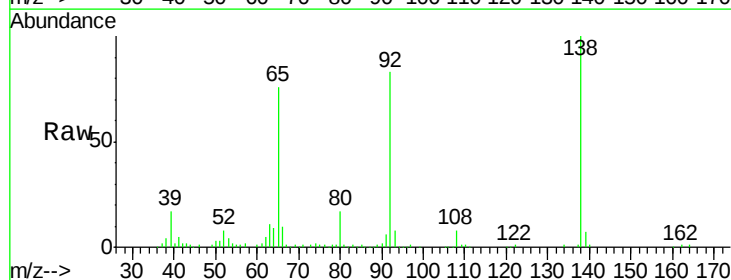
RT: 9.70 min Scan# 666

Delta R.T. -0.00 min

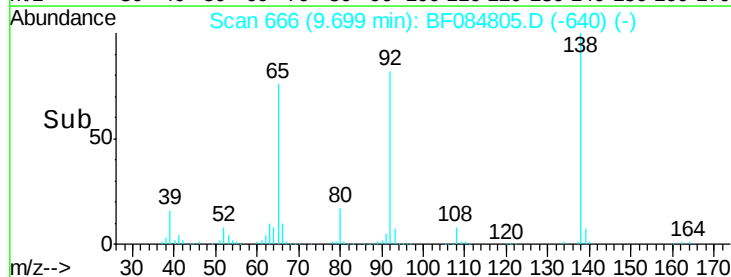
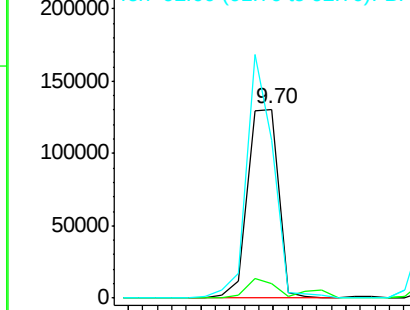
Lab File: BF084805.D

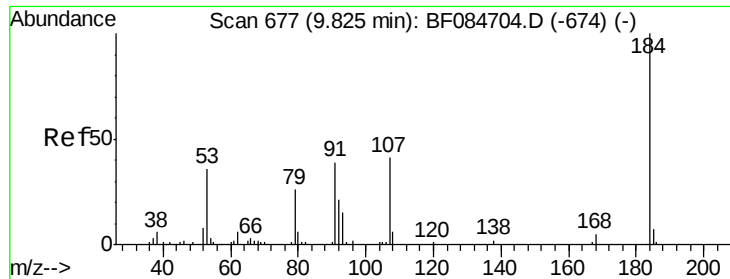
Acq: 4 Feb 2016 00:52

Tgt Ion:	138	Resp:	191708
Ion Ratio	Lower	Upper	
138	100		
108	7.8	10.5	15.7#
92	83.4	103.9	155.9#



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





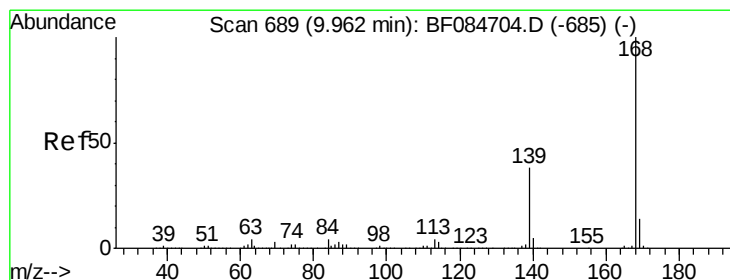
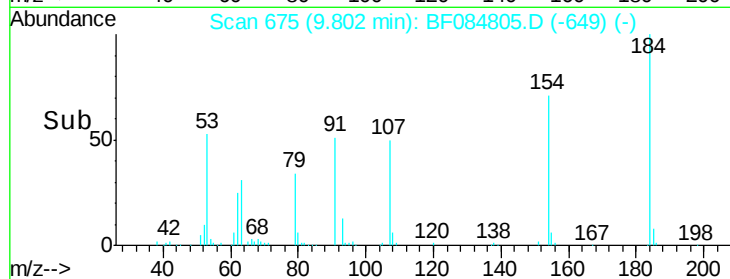
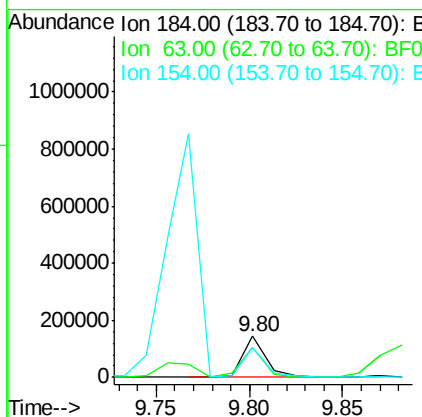
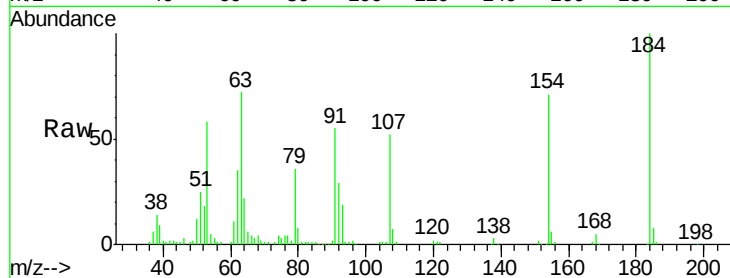
#53
 2,4-Dinitrophenol
 Concen: 51.16 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: BF084805.D
 Acq: 4 Feb 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDEWALL(11.5)MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	72.1	43.1	64.7#
154	71.1	60.5	90.7

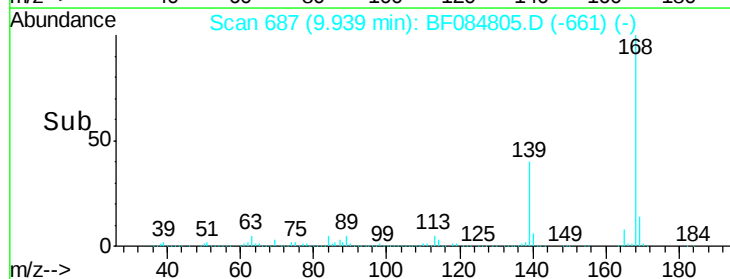
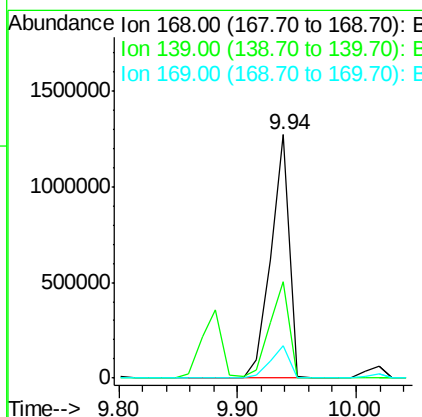
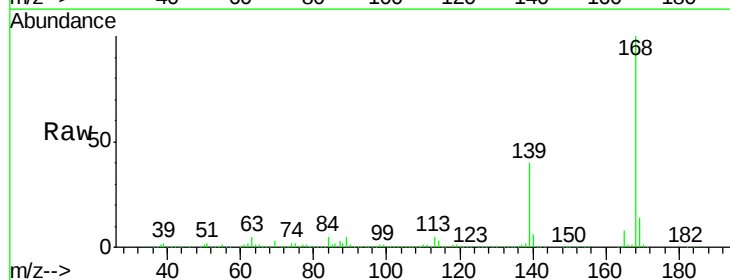
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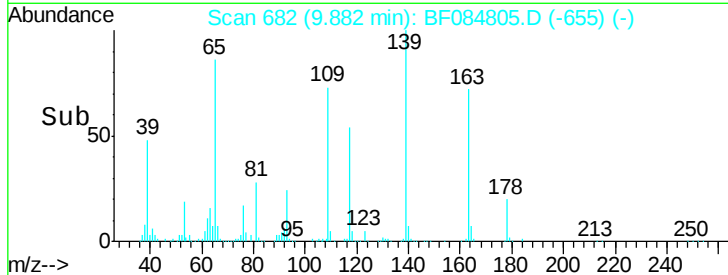
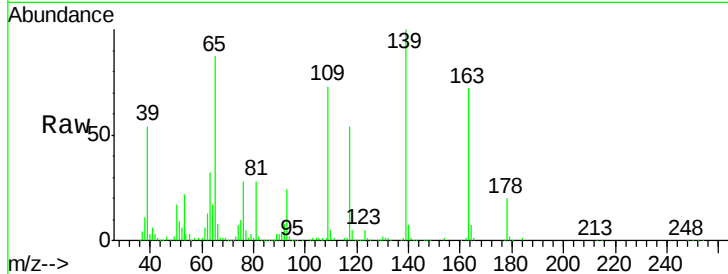
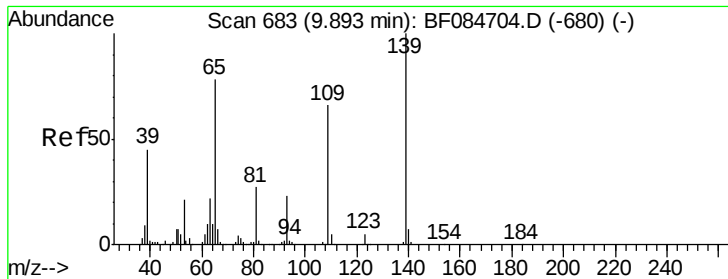
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#54
 Dibenzofuran
 Concen: 50.79 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.00 min
 Lab File: BF084805.D
 Acq: 4 Feb 2016 00:52

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.6	30.5	45.7
169	13.5	10.4	15.6





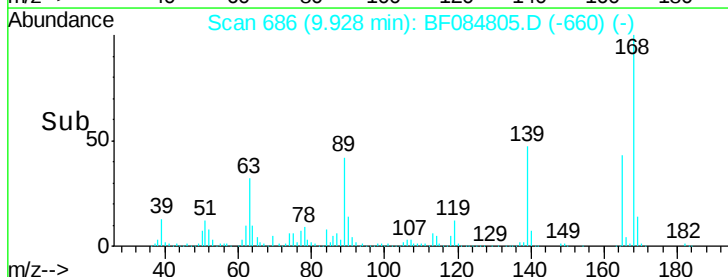
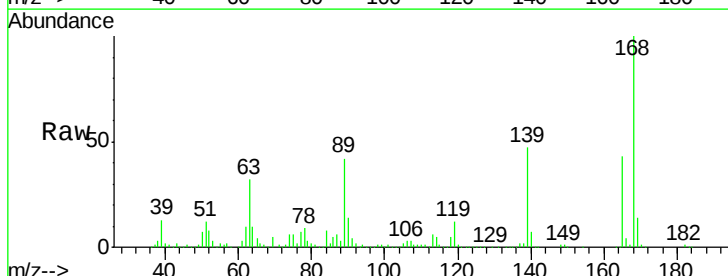
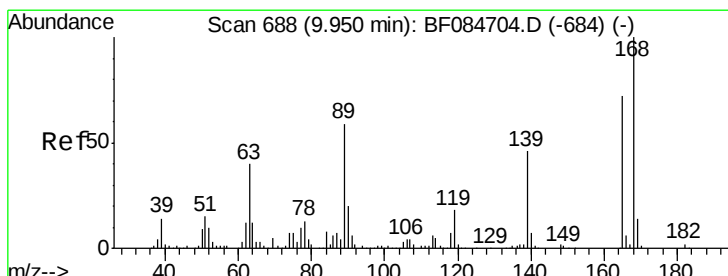
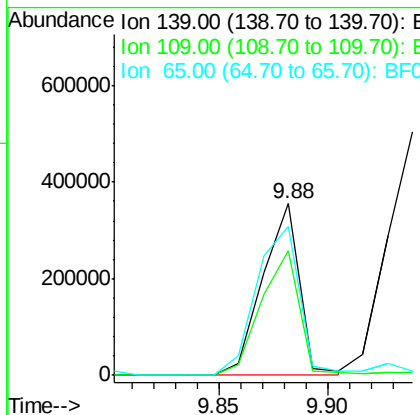
#55
4-Nitrophenol
Concen: 90.30 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.01 min
Lab File: BF084805.D
Acq: 4 Feb 2016 00:52

Tot Ion	Ratio	Resp	Lower	Upper
139	100	422170		
109	72.7	58.5	98.5	
65	86.7	57.6	97.6	

Instrument :
BNA_F
ClientSampleId :
SOUTH-SIDEWALL(11.5)MS

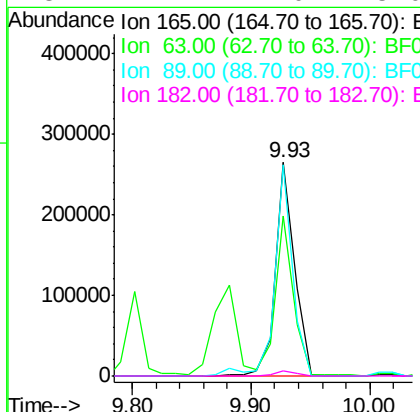
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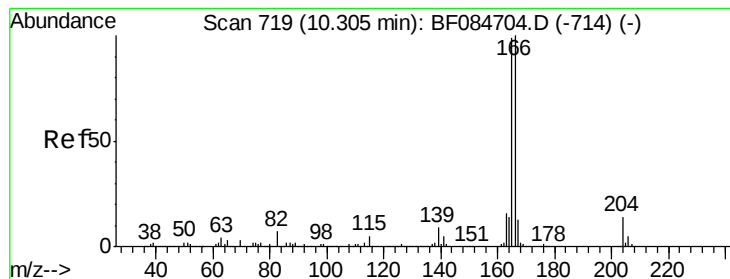
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#56
2,4-Dinitrotoluene
Concen: 40.79 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF084805.D
Acq: 4 Feb 2016 00:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	294562		
63	74.9	36.7	55.1#	
89	98.7	61.9	92.9#	
182	2.1	2.0	3.0	





#57

Fluorene

Concen: 45.14 ng

RT: 10.28 min Scan# 717

Delta R.T. 0.01 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)MS

Tot Ion:166 Resp: 1018014

Ion Ratio Lower Upper

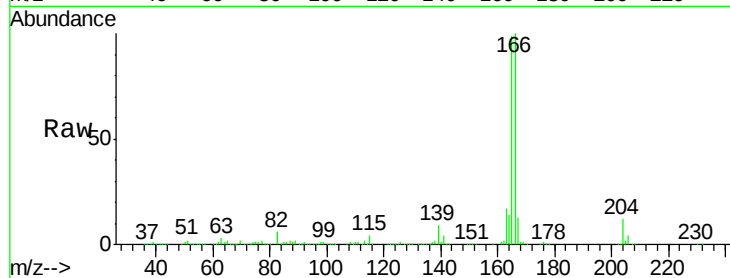
166 100

165 99.0 79.1 118.7

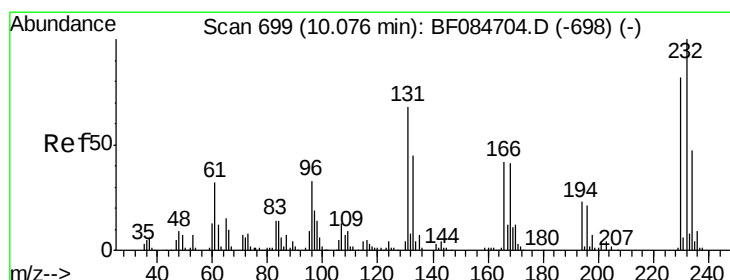
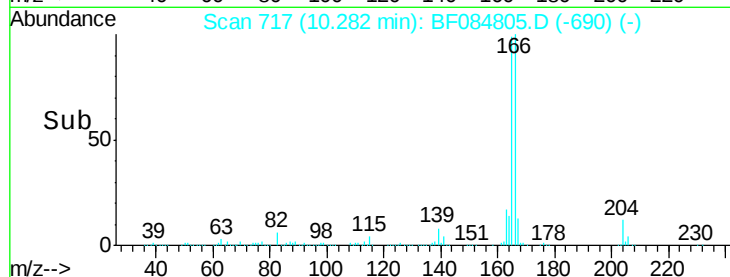
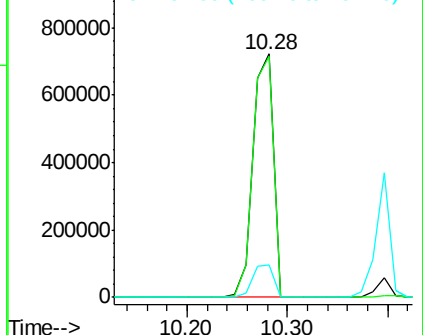
167 13.1 10.4 15.6

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.82 ng

RT: 10.05 min Scan# 697

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Tgt Ion:232 Resp: 262916

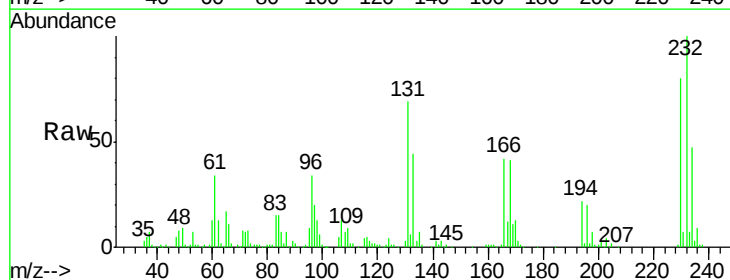
Ion Ratio Lower Upper

232 100

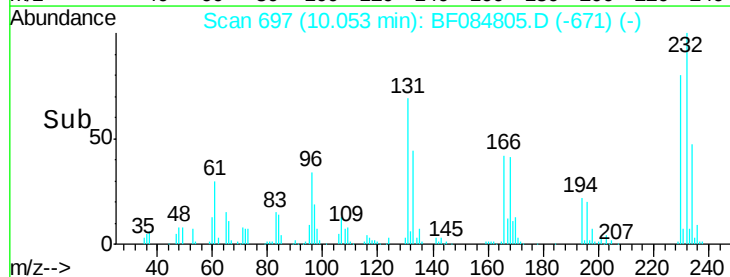
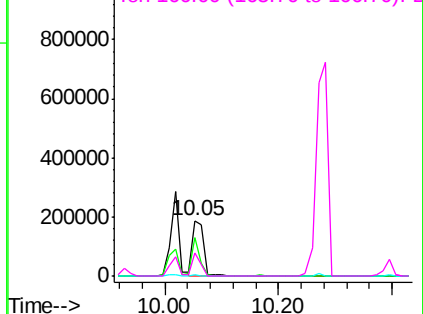
131 50.0 47.0 70.6

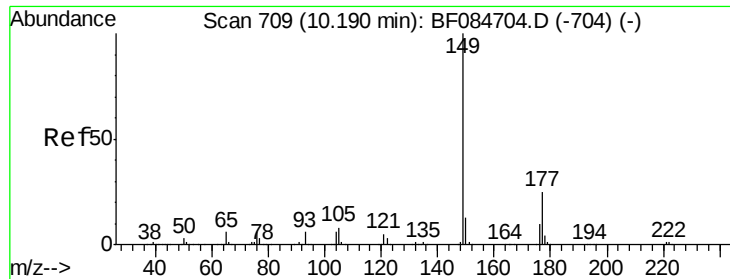
130 2.4 2.0 3.0

166 32.6 30.5 45.7



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





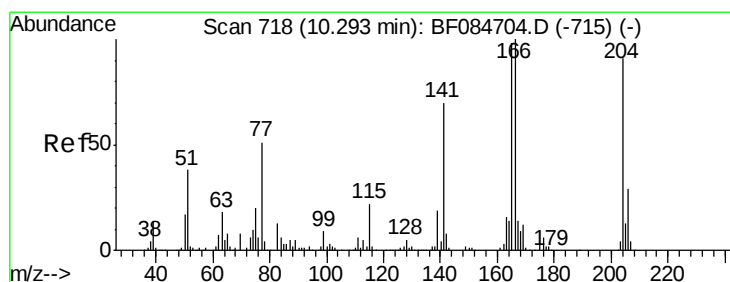
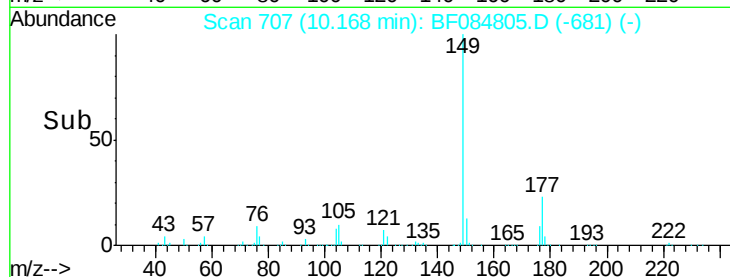
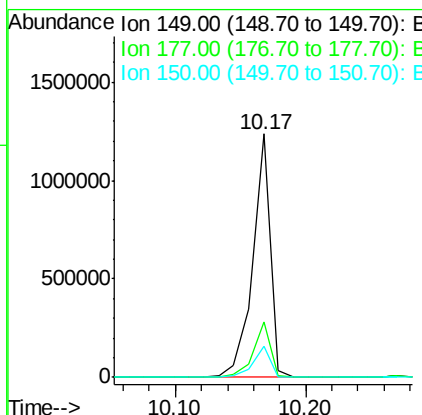
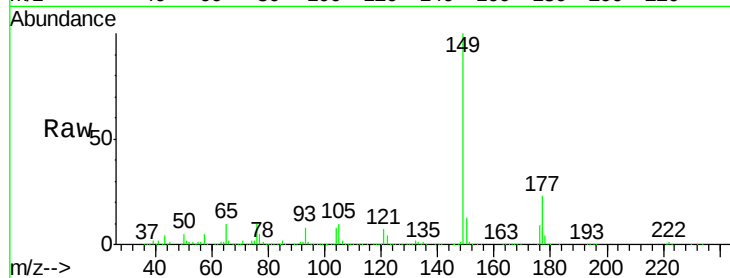
#59
Diethylphthalate
Concen: 45.73 ng
RT: 10.17 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF084805.D
Acq: 4 Feb 2016 00:52

Instrument :
BNA_F
ClientSampleId :
SOUTH-SIDEWALL(11.5)MS

Tot Ion:149 Resp: 1157280
Ion Ratio Lower Upper
149 100
177 22.6 17.3 25.9
150 12.8 9.8 14.8

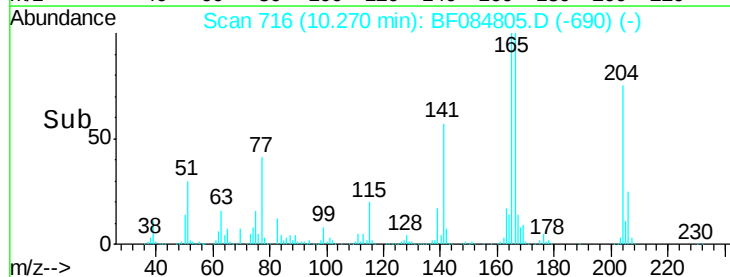
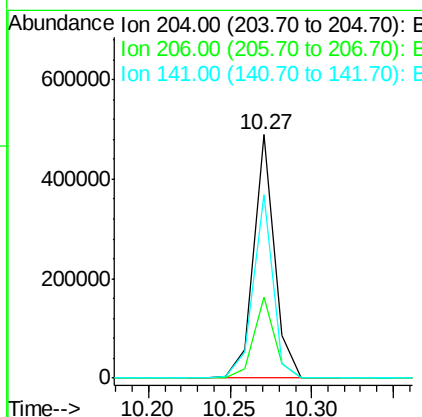
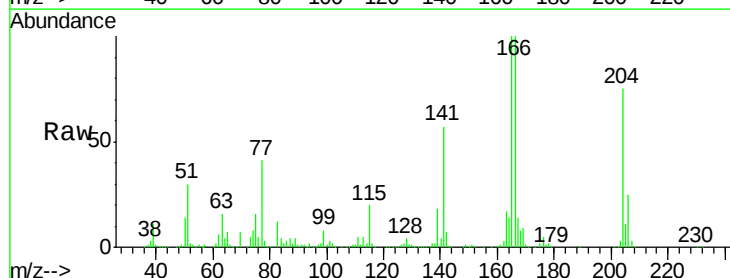
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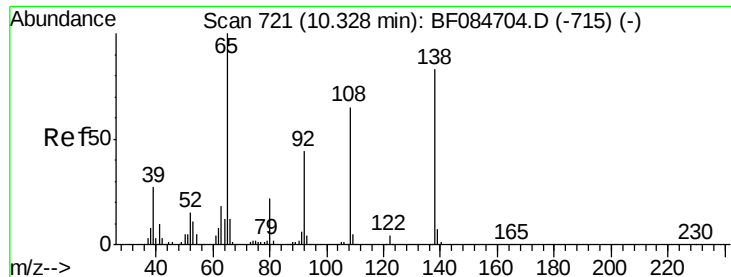
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 46.25 ng
RT: 10.27 min Scan# 716
Delta R.T. -0.00 min
Lab File: BF084805.D
Acq: 4 Feb 2016 00:52

Tgt Ion:204 Resp: 436309
Ion Ratio Lower Upper
204 100
206 33.3 25.7 38.5
141 75.4 55.1 82.7





#61

4-Nitroaniline

Concen: 47.74 ng

RT: 10.32 min Scan# 720

Delta R.T. 0.01 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Instrument :

BNA_F

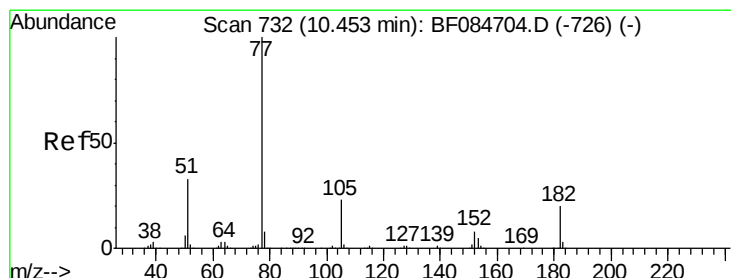
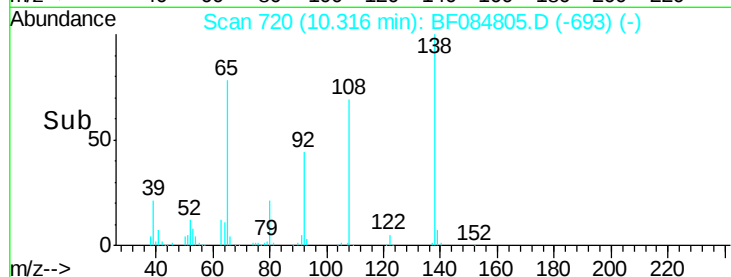
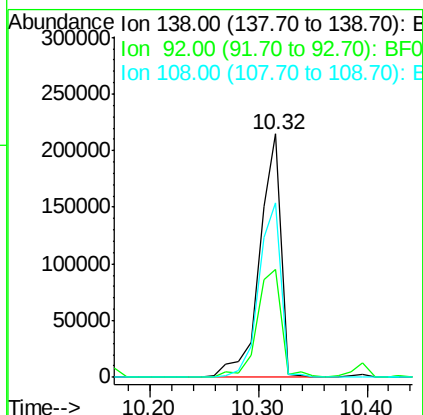
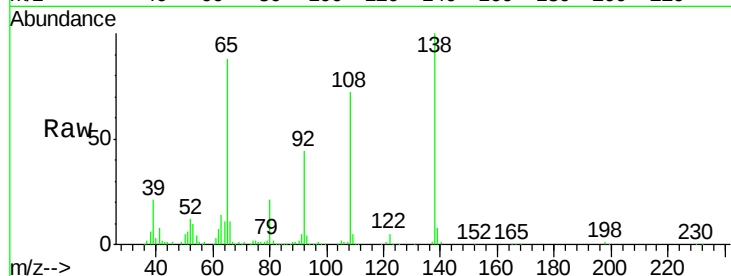
ClientSampleId :

SOUTH-SIDEWALL(11.5)MS

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Tot Ion:	138	Resp:	295962
Ion Ratio	Lower	Upper	
138	100		
92	44.4	32.6	72.6
108	71.9	68.6	108.6



#62

Azobenzene

Concen: 48.38 ng

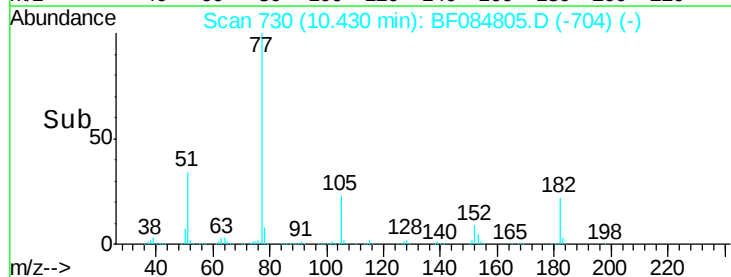
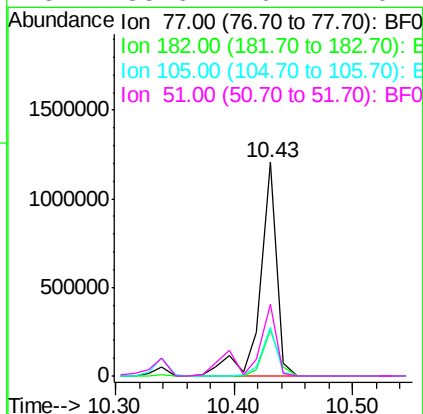
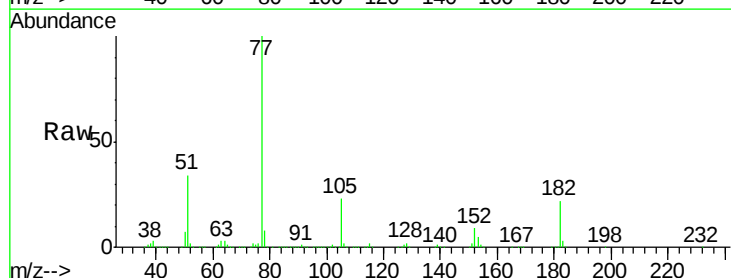
RT: 10.43 min Scan# 730

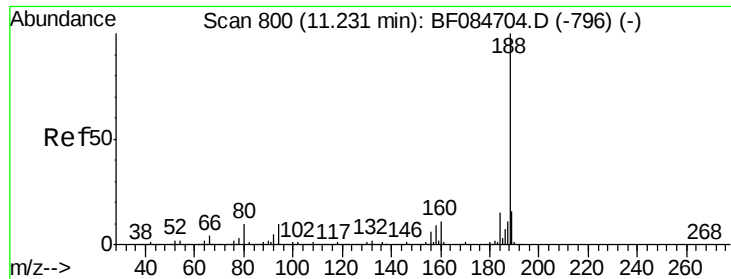
Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Tgt Ion:	77	Resp:	1177287
Ion Ratio	Lower	Upper	
77	100		
182	21.8	8.3	48.3
105	23.1	4.6	44.6
51	33.6	6.2	46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 798

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Instrument :

BNA_F

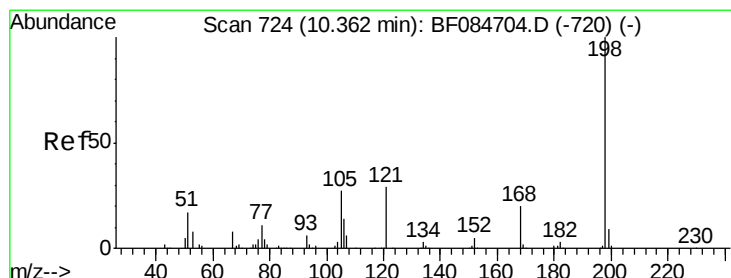
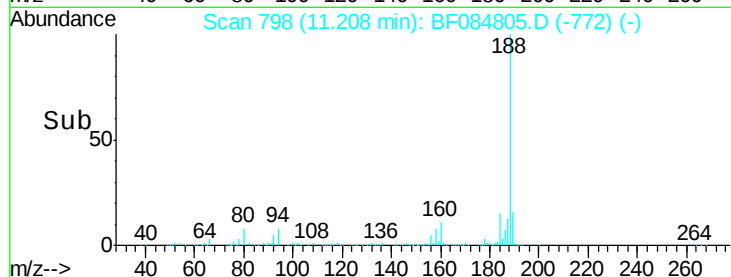
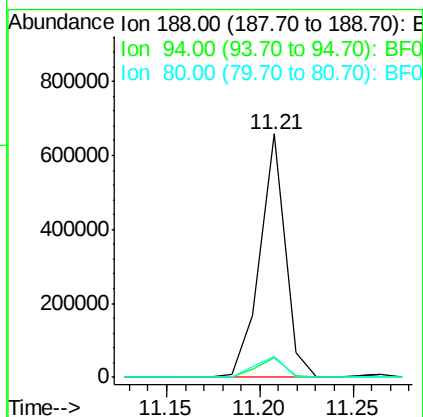
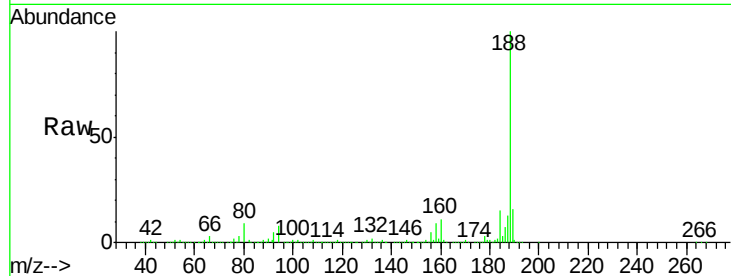
ClientSampleId :

SOUTH-SIDEWALL(11.5)MS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.1	9.0	13.4#
80	8.6	9.6	14.4#

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#64

4,6-Dinitro-2-methylphenol

Concen: 46.82 ng

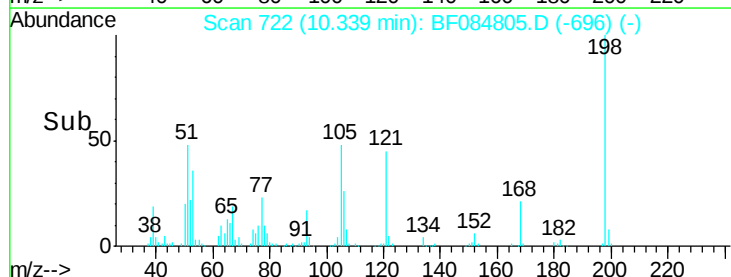
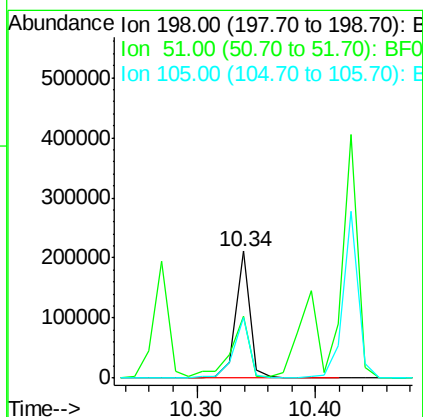
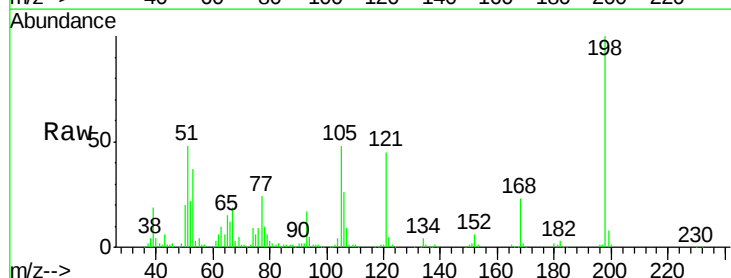
RT: 10.34 min Scan# 722

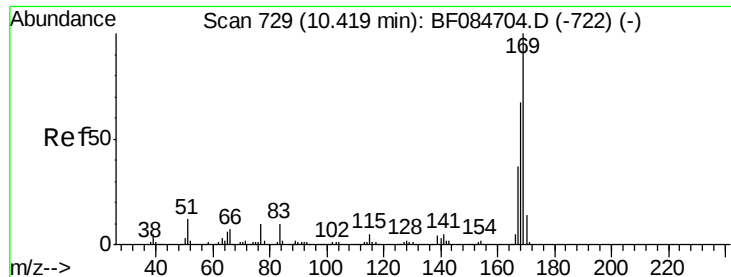
Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	48.4	18.9	58.9
105	47.7	26.4	66.4





#65

n-Nitrosodiphenylamine

Concen: 47.99 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Instrument :

BNA_F

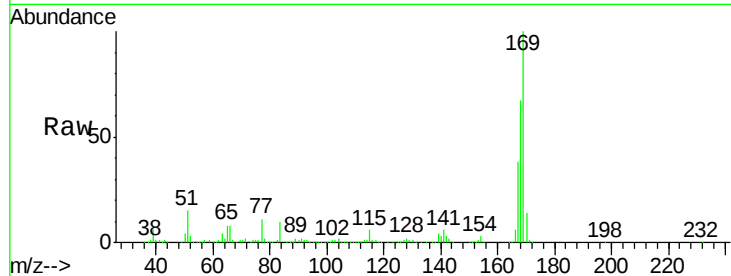
ClientSampleId :

SOUTH-SIDEWALL(11.5)MS

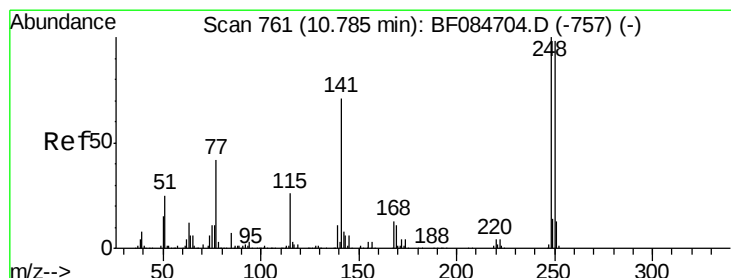
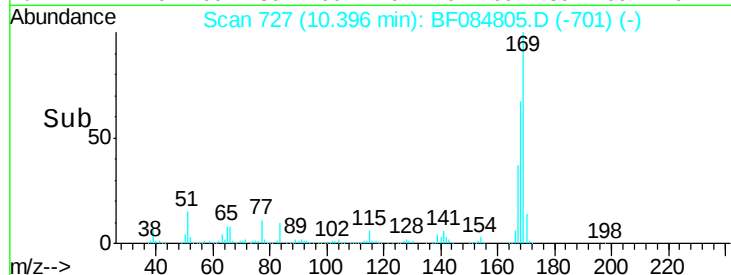
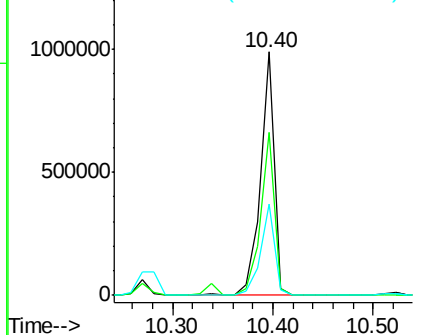
Tot Ion:	169	Resp:	942510
Ion Ratio	Lower	Upper	
169	100		
168	67.1	55.1	82.7
167	37.5	30.0	45.0

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 47.97 ng

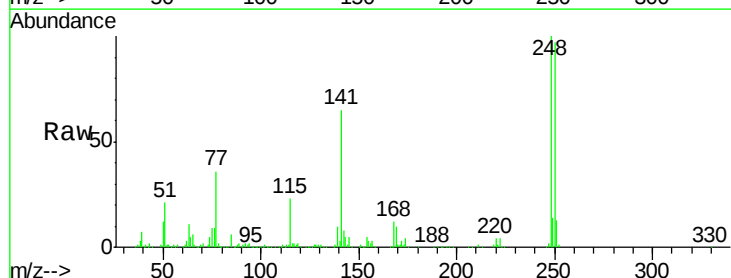
RT: 10.76 min Scan# 759

Delta R.T. -0.00 min

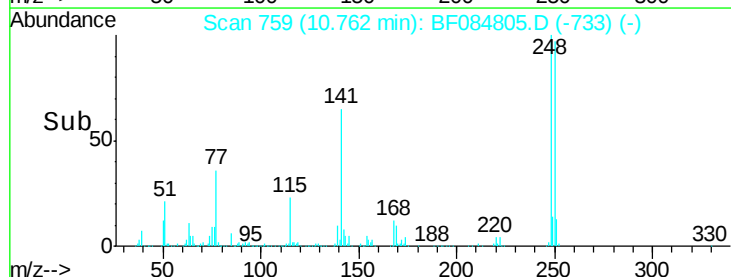
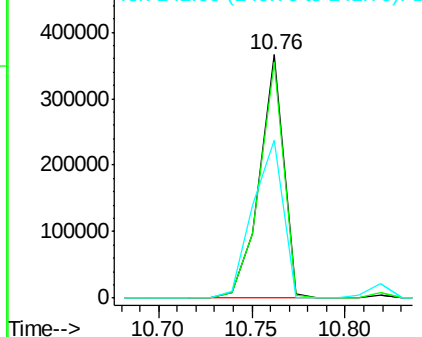
Lab File: BF084805.D

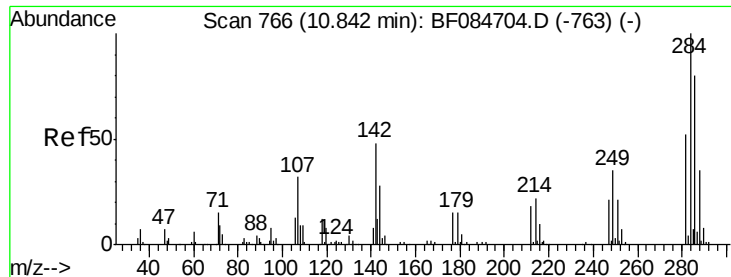
Acq: 4 Feb 2016 00:52

Tgt Ion:	248	Resp:	327677
Ion Ratio	Lower	Upper	
248	100		
250	96.9	78.4	117.6
141	64.6	44.0	66.0



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.48 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Instrument :

BNA_F

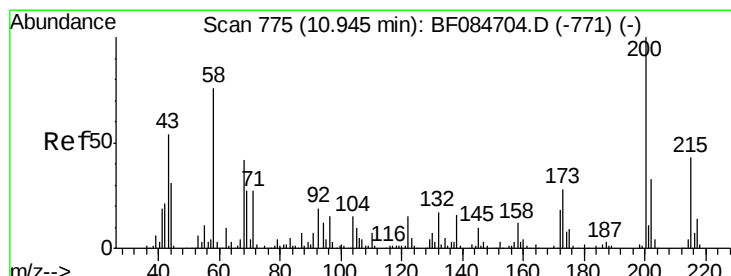
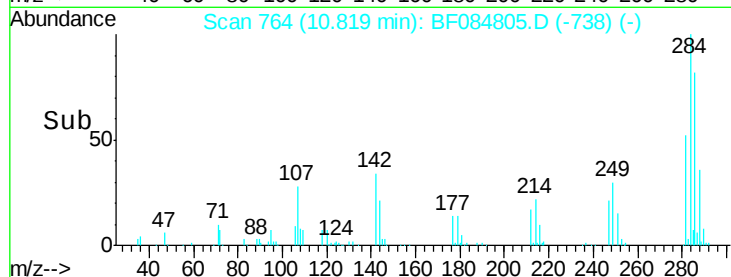
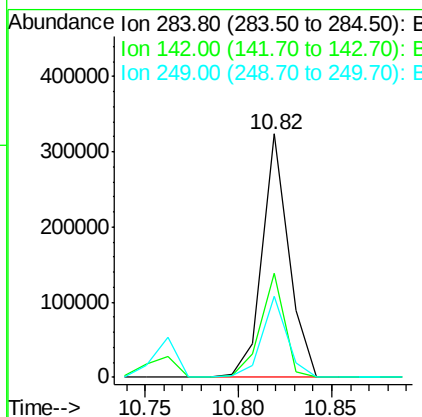
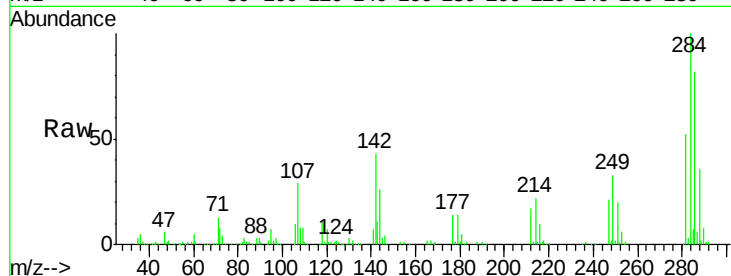
ClientSampleId :

SOUTH-SIDEWALL(11.5)MS

Tot Ion:	284	Resp:	316181
Ion Ratio	Lower	Upper	
284	100		
142	42.9	22.2	33.4#
249	33.4	24.6	37.0

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#68

Atrazine

Concen: 52.97 ng

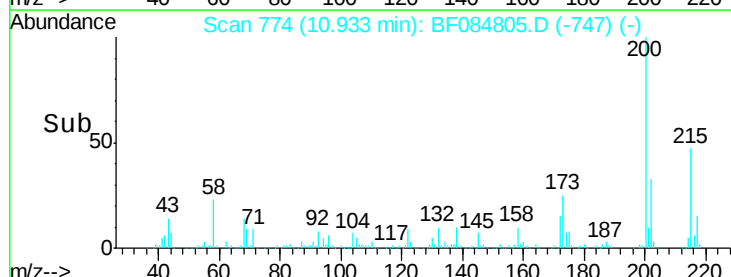
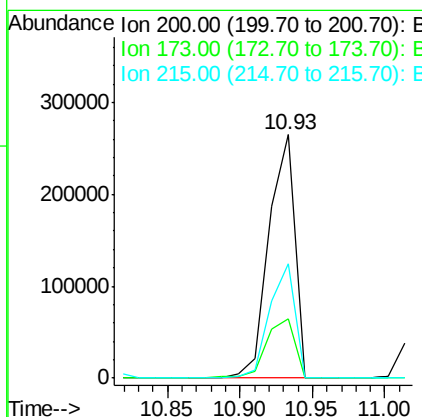
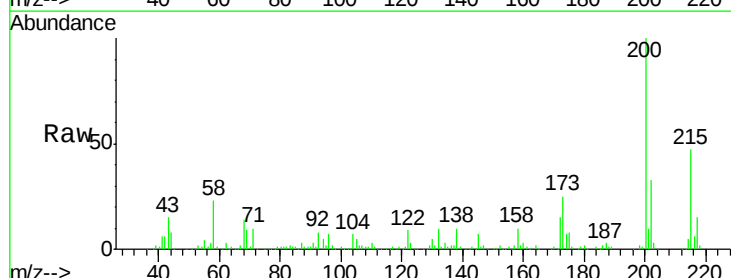
RT: 10.93 min Scan# 774

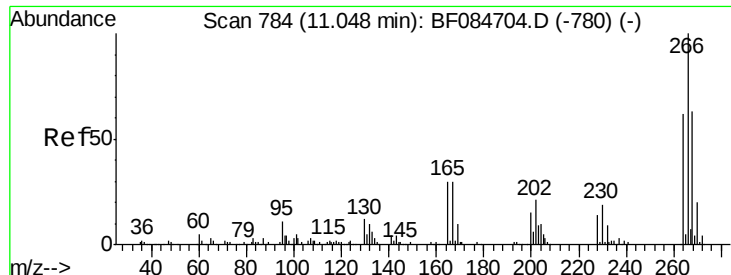
Delta R.T. 0.01 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Tgt Ion:	200	Resp:	328520
Ion Ratio	Lower	Upper	
200	100		
173	24.6	9.5	49.5
215	46.8	23.8	63.8





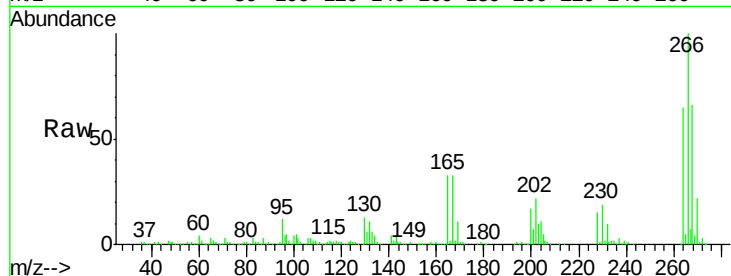
#69
 Pentachlorophenol
 Concen: 93.79 ng
 RT: 11.02 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: BF084805.D
 Acq: 4 Feb 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDEWALL(11.5)MS

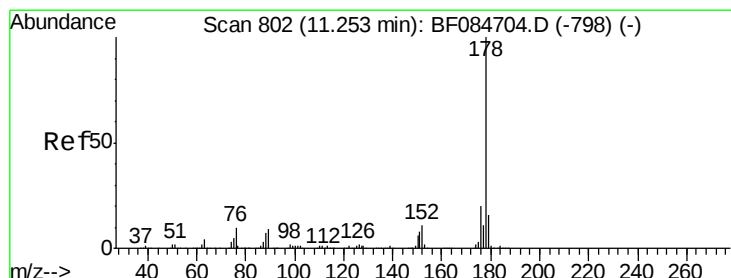
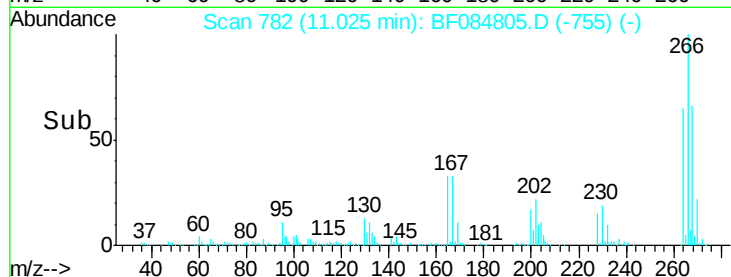
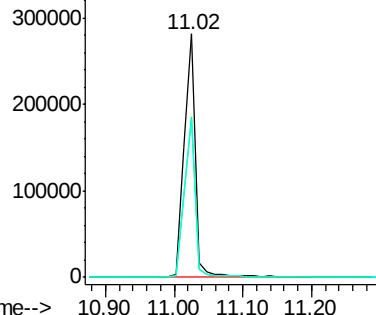
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.7	52.4	78.6
264	65.3	50.2	75.2

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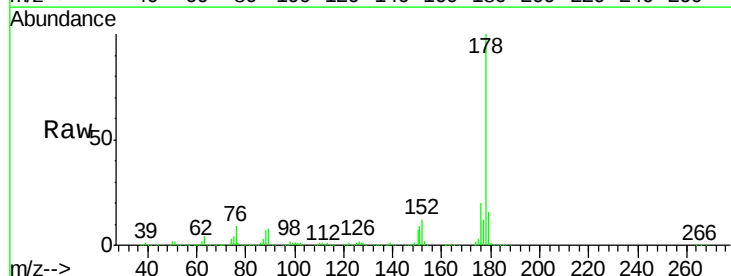


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

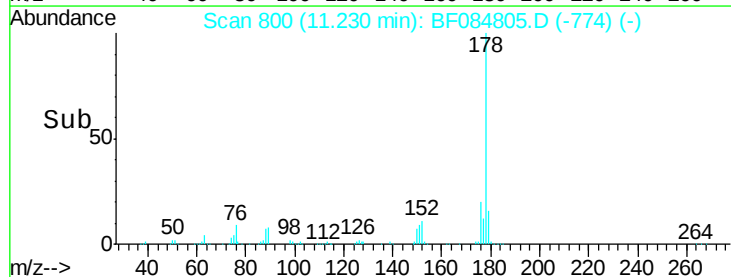
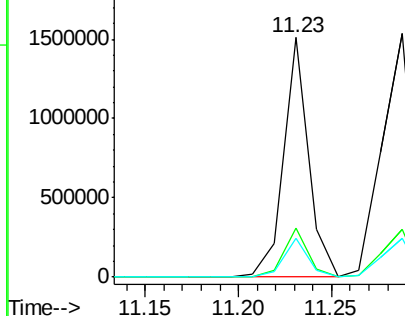


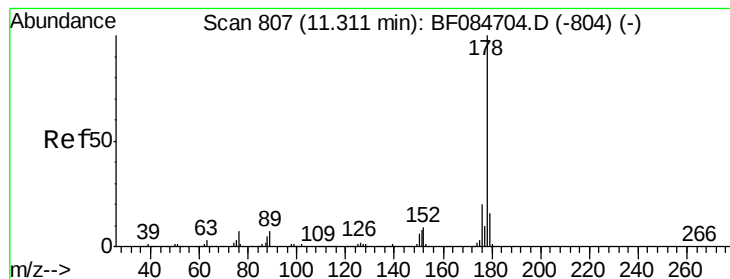
#70
 Phenanthrene
 Concen: 40.86 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF084805.D
 Acq: 4 Feb 2016 00:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.3	22.9
179	16.4	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





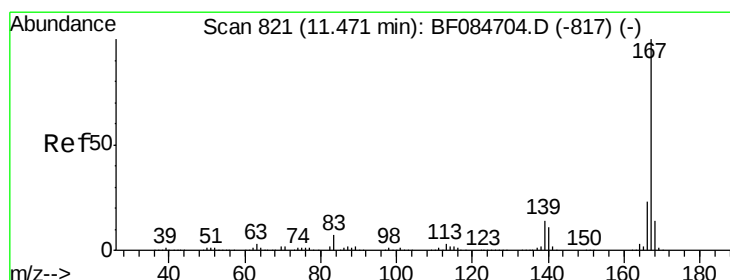
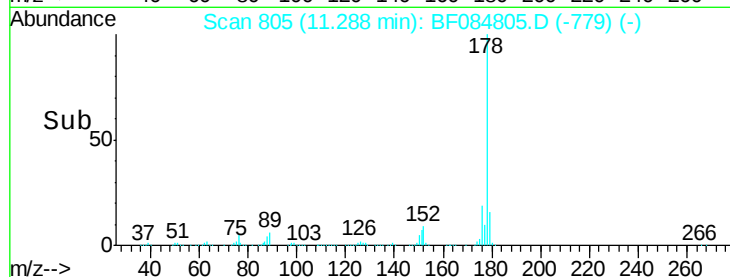
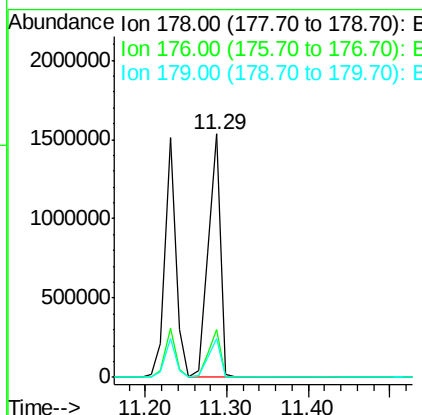
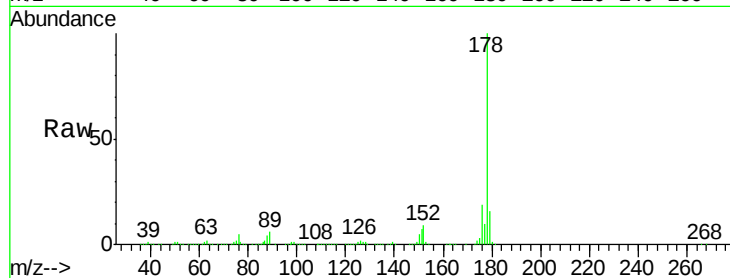
#71
 Anthracene
 Concen: 47.54 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF084805.D
 Acq: 4 Feb 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDEWALL(11.5)MS

Tot Ion:178 Resp: 1643330
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.0
 179 15.9 12.5 18.7

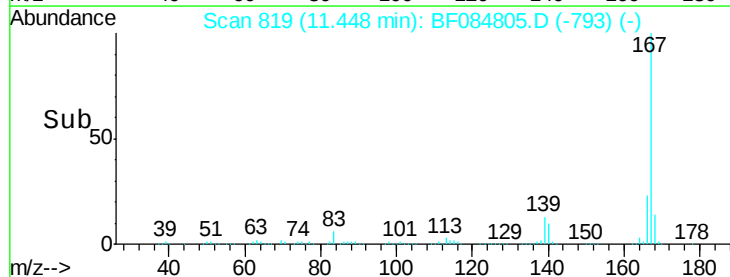
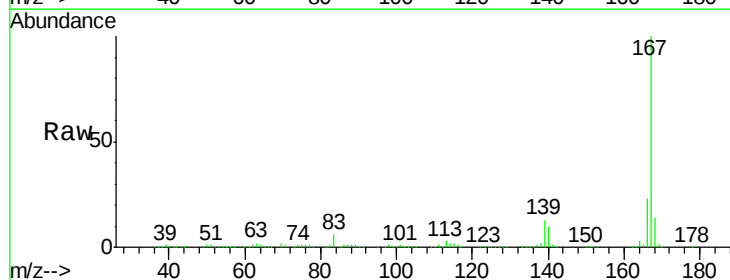
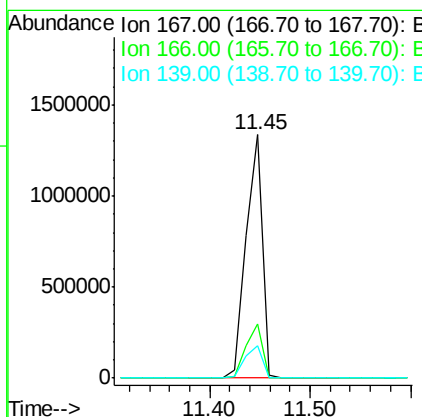
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#72
 Carbazole
 Concen: 49.96 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF084805.D
 Acq: 4 Feb 2016 00:52

Tgt Ion:167 Resp: 1505732
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 13.2 11.8 17.8





#73

Di-n-butylphthalate

Concen: 40.30 ng

RT: 11.78 min Scan# 848

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)MS

Tot Ion:149 Resp: 1546373

Ion Ratio Lower Upper

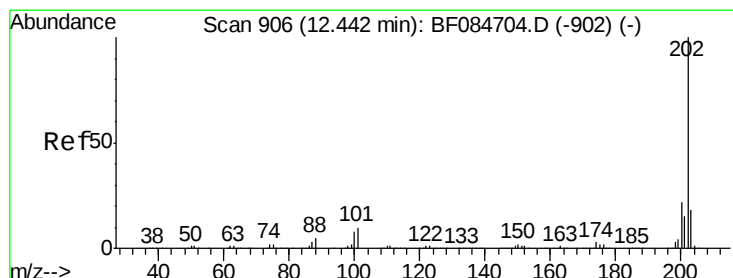
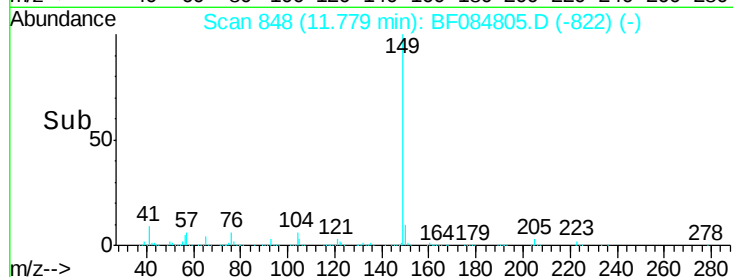
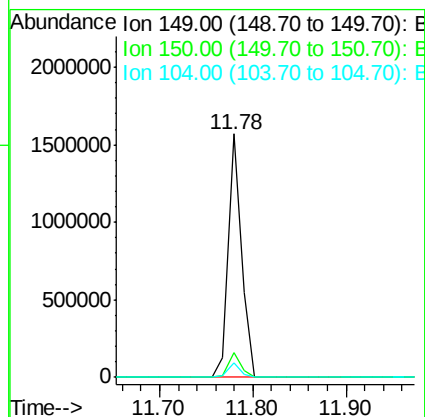
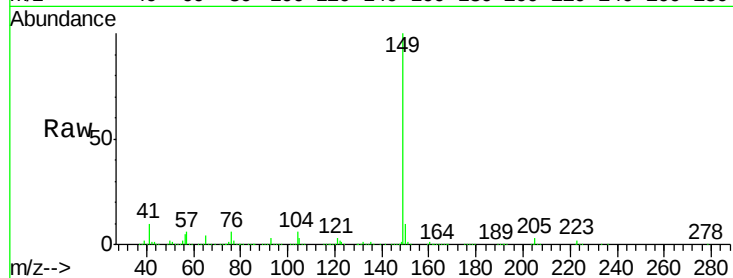
149 100

150 10.0 7.1 10.7

104 5.8 3.2 4.8#

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#74

Fluoranthene

Concen: 47.96 ng

RT: 12.42 min Scan# 904

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

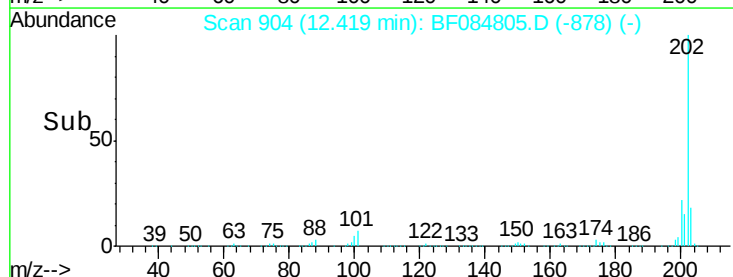
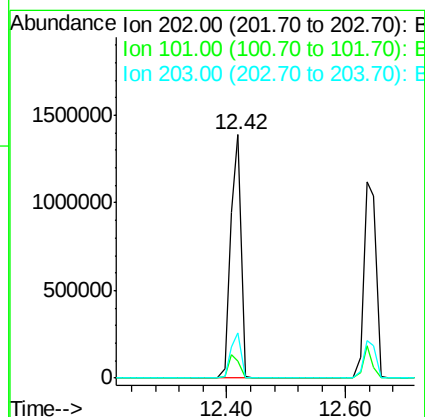
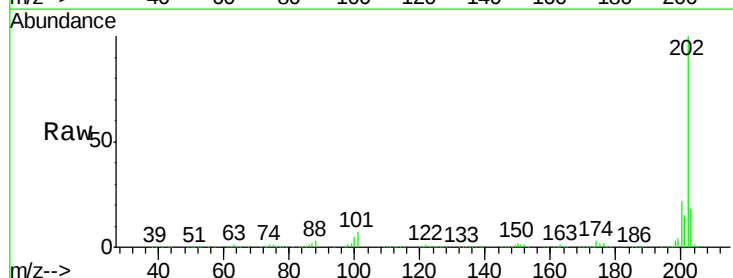
Tgt Ion:202 Resp: 1665130

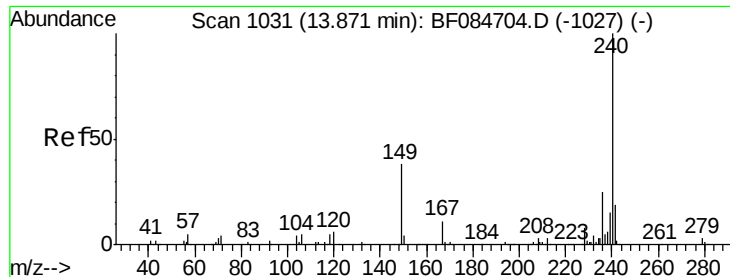
Ion Ratio Lower Upper

202 100

101 6.8 0.0 32.8

203 18.4 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Instrument :

BNA_F

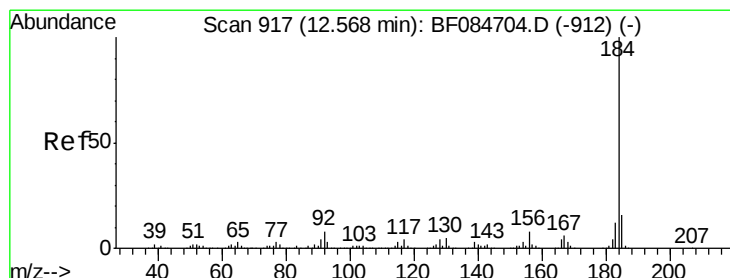
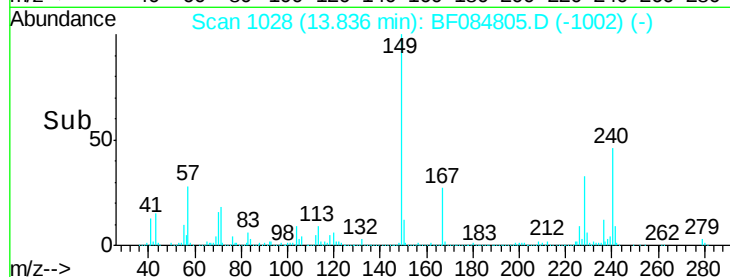
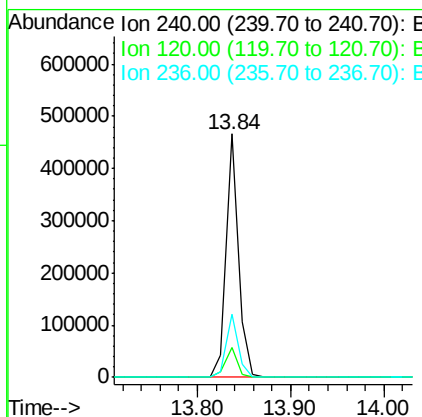
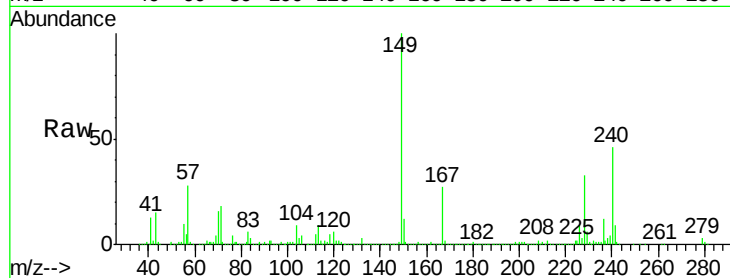
ClientSampleId :

SOUTH-SIDEWALL(11.5)MS

Tot Ion:	240	Resp:	428768
Ion Ratio	Lower	Upper	
240	100		
120	12.4	9.5	14.3
236	25.9	20.6	31.0

Manual Integrations
APPROVED

mohammad
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#76

Benzidine

Concen: 46.05 ng

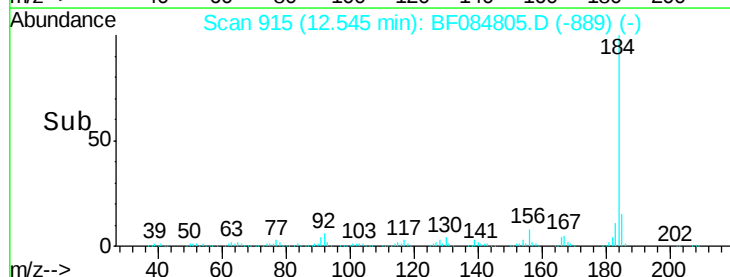
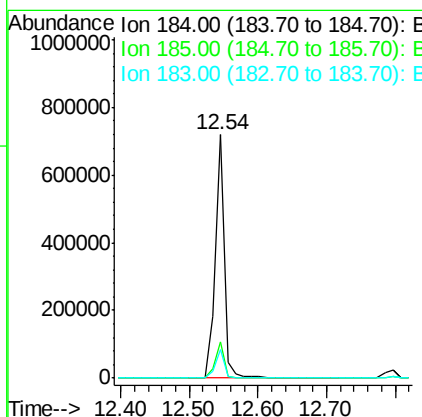
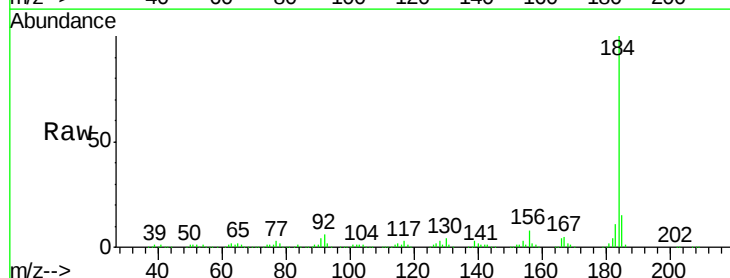
RT: 12.54 min Scan# 915

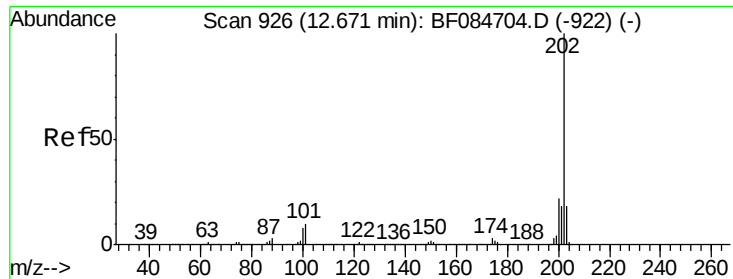
Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Tgt Ion:	184	Resp:	679494
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.2	18.2
183	11.5	9.8	14.8





#77

Pvrene

Concen: 47.91 ng

RT: 12.64 min Scan# 923

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)MS

Tot Ion:202 Resp: 1572757

Ion Ratio Lower Upper

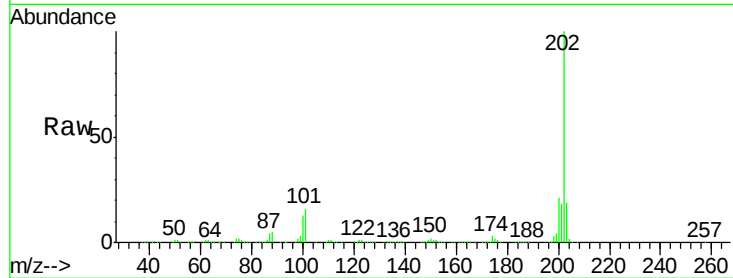
202 100

200 21.5 17.2 25.8

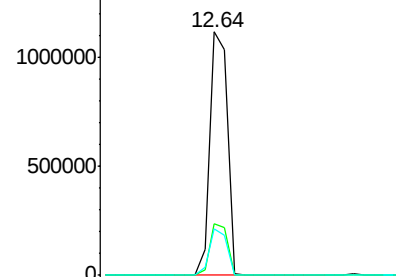
203 19.0 14.3 21.5

Manual Integrations
APPROVED

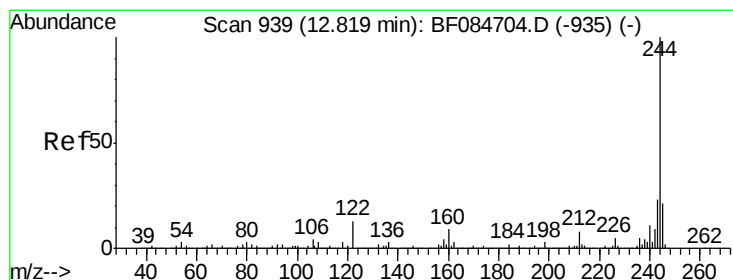
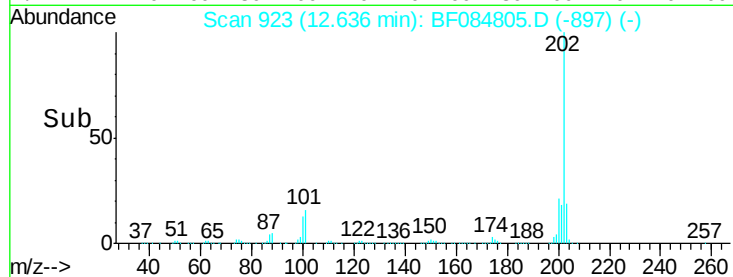
mohammad
2/4/2016 2:04:55 PM



Abundance Ion 202.00 (201.70 to 202.70): E
1500000 Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 98.74 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

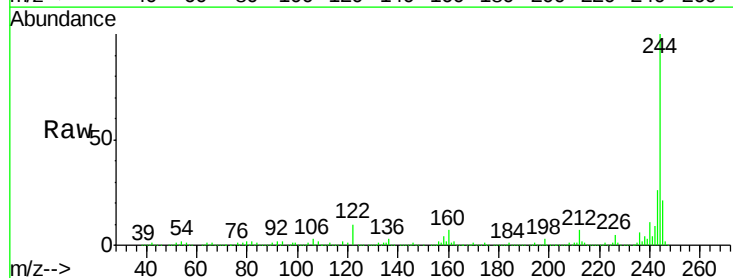
Tgt Ion:244 Resp: 1868369

Ion Ratio Lower Upper

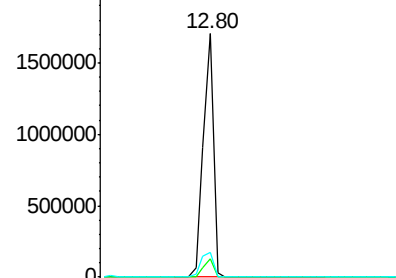
244 100

212 7.5 5.7 8.5

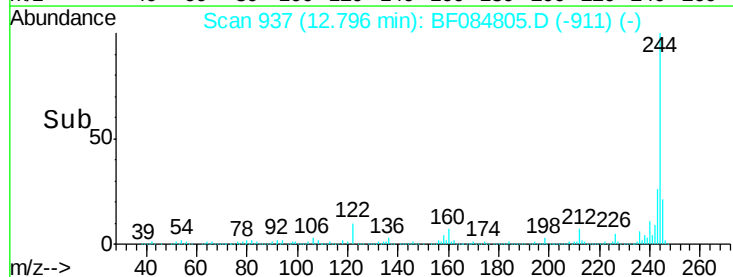
122 10.2 7.4 11.0

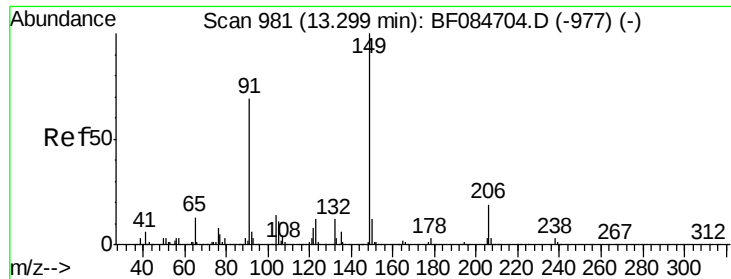


Abundance Ion 244.00 (243.70 to 244.70): E
2000000 Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->





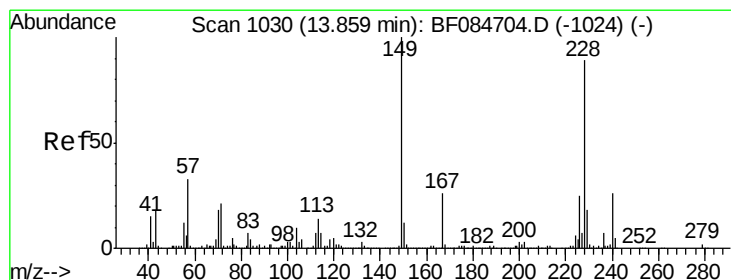
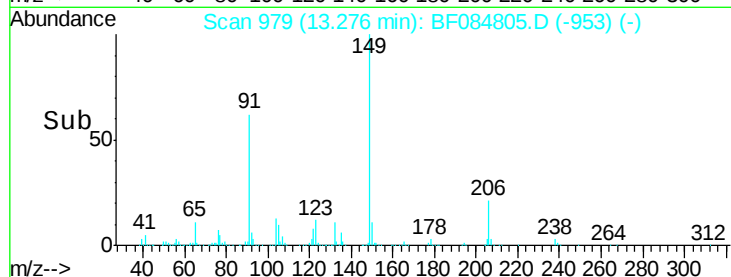
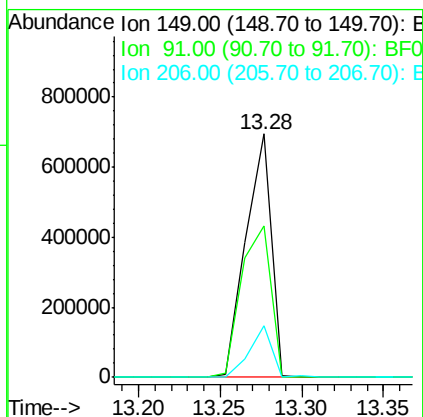
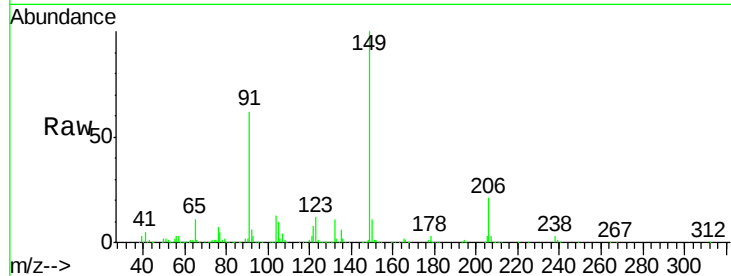
#79
Butylbenzylphthalate
Concen: 50.65 ng
RT: 13.28 min Scan# 979
Delta R.T. -0.00 min
Lab File: BF084805.D
Acq: 4 Feb 2016 00:52

Instrument :
BNA_F
ClientSampleId :
SOUTH-SIDEWALL(11.5)MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	62.2	57.6	86.4
206	21.5	13.2	19.8

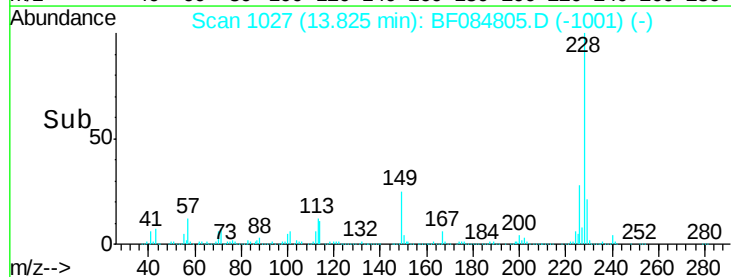
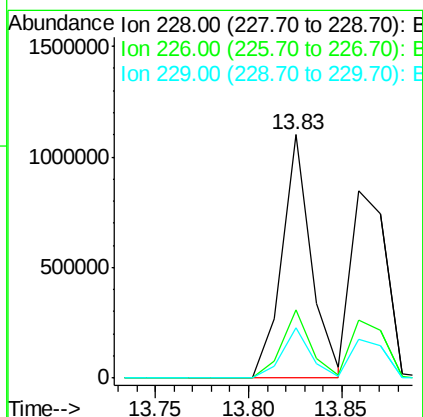
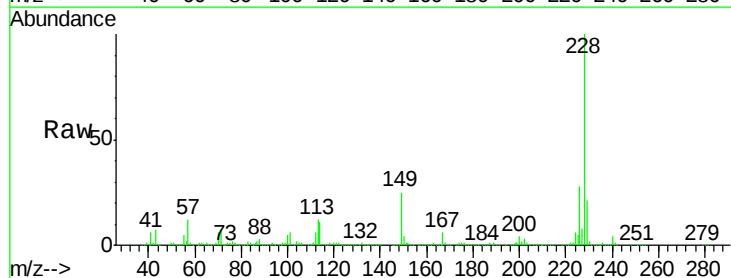
Manual Integrations
APPROVED

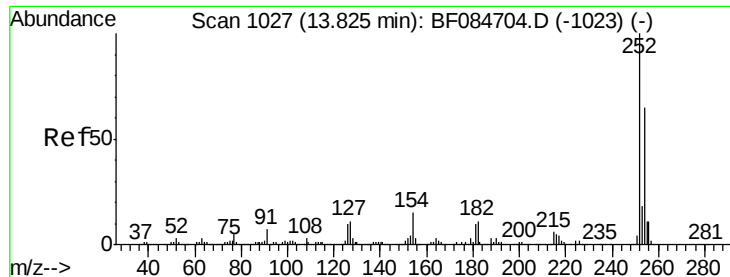
mohammad
2/4/2016 2:04:55 PM



#80
Benzo(a)anthracene
Concen: 45.41 ng
RT: 13.83 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF084805.D
Acq: 4 Feb 2016 00:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.8	32.6
229	20.5	15.8	23.8





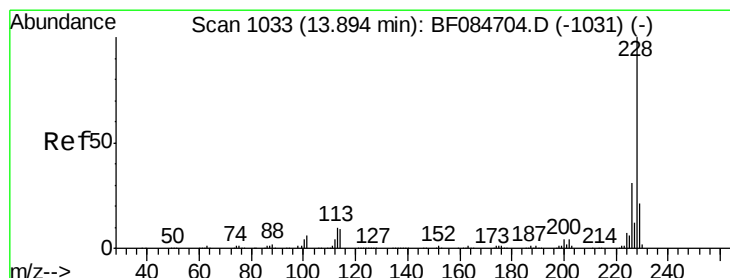
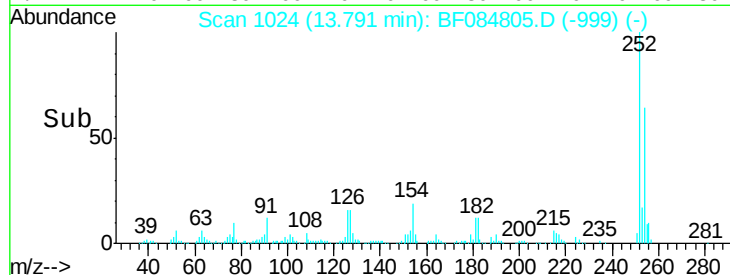
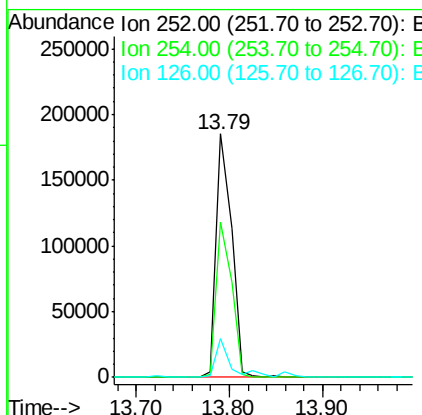
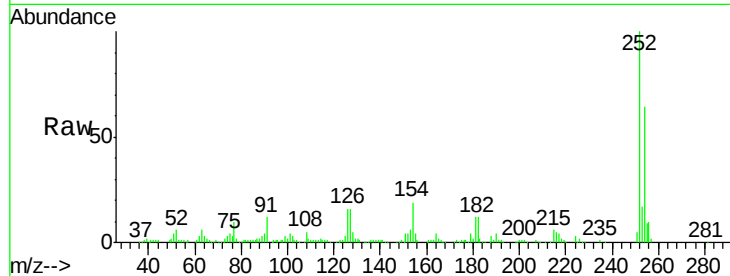
#81
 3,3'-Dichlorobenzidine
 Concen: 22.71 ng
 RT: 13.79 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BF084805.D
 Acq: 4 Feb 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDEWALL(11.5)MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	53.5	80.3
126	16.0	4.9	7.3

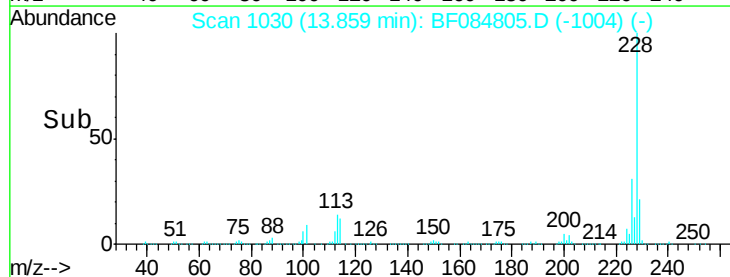
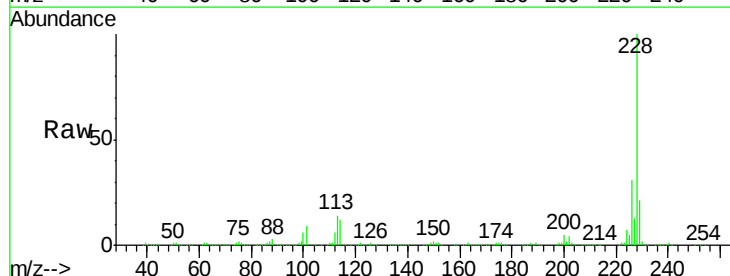
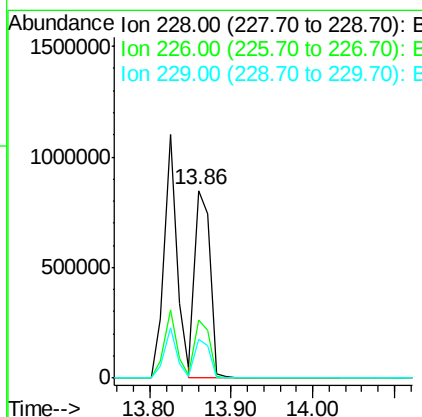
Manual Integrations
 APPROVED

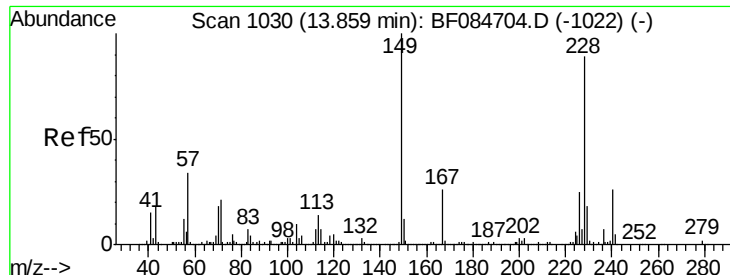
mohammad
 2/4/2016 2:04:55 PM



#82
 Chrysene
 Concen: 43.38 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF084805.D
 Acq: 4 Feb 2016 00:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.3	36.5
229	20.7	16.1	24.1





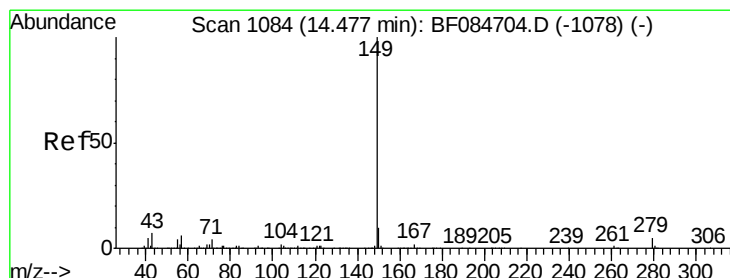
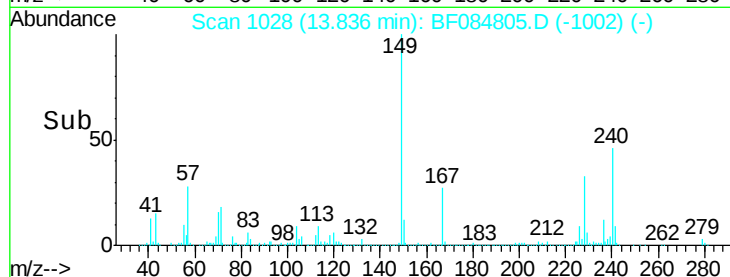
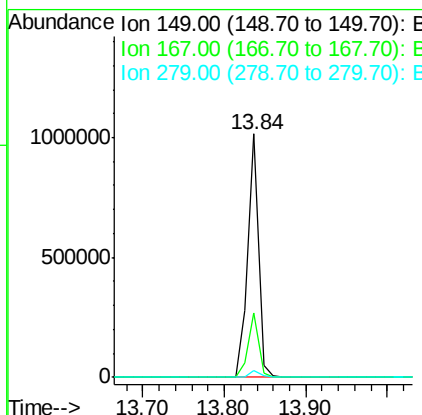
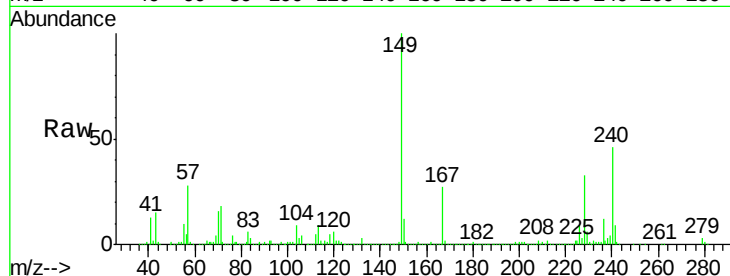
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.37 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BF084805.D
 Acq: 4 Feb 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDEWALL(11.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.5	19.7	29.5	
279	3.1	1.8	2.6	

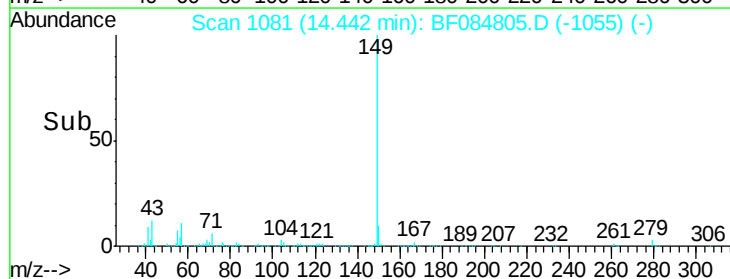
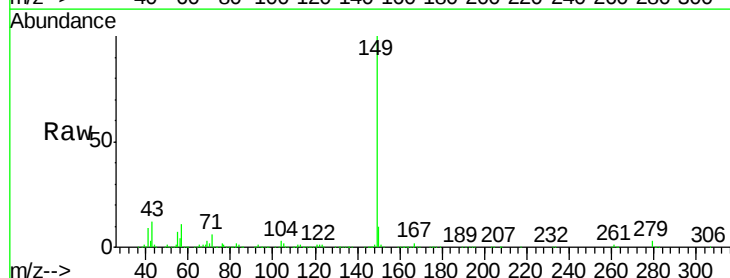
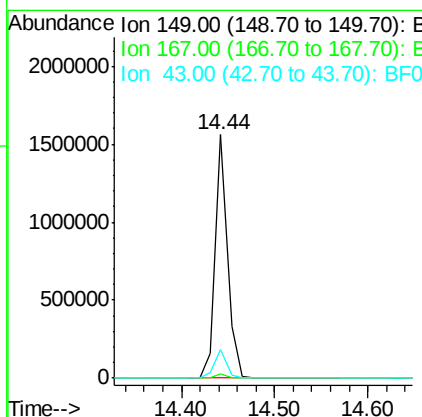
Manual Integrations
 APPROVED

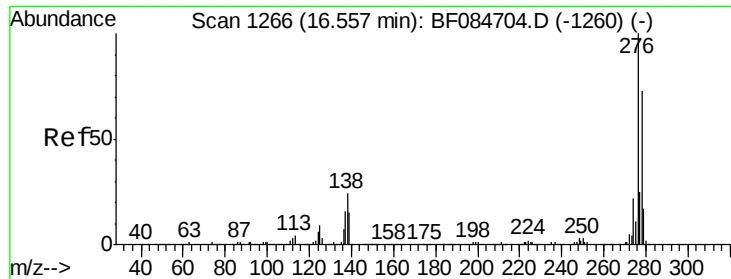
mohammad
 2/4/2016 2:04:55 PM



#84
 Di-n-octyl phthalate
 Concen: 46.61 ng
 RT: 14.44 min Scan# 1081
 Delta R.T. -0.00 min
 Lab File: BF084805.D
 Acq: 4 Feb 2016 00:52

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.2	1.8	
43	11.5	5.6	8.4	





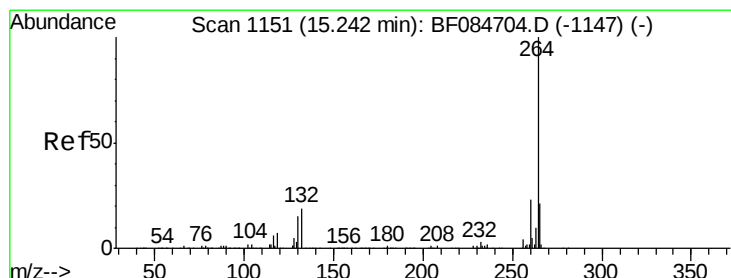
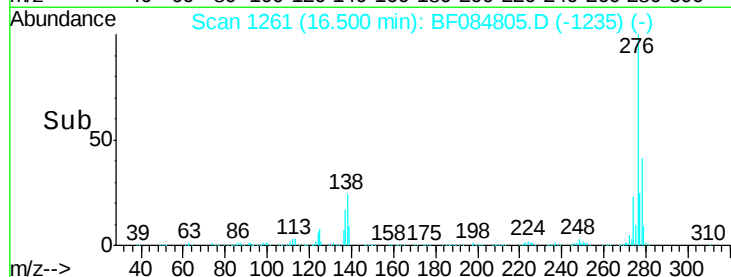
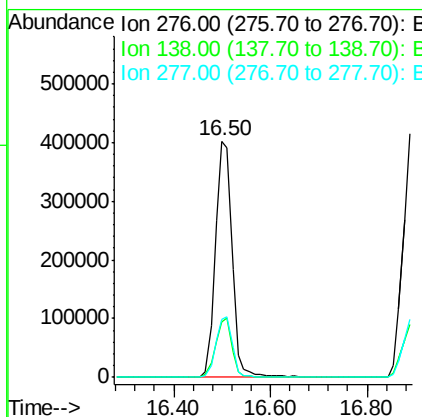
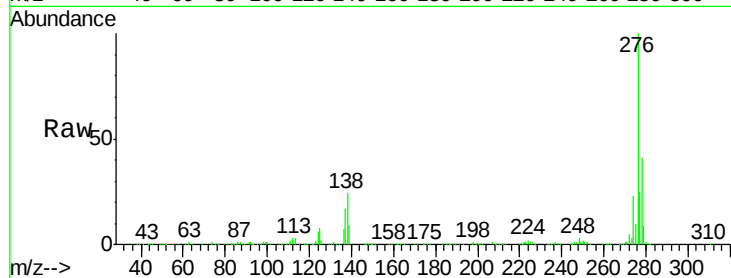
#85
Indeno(1,2,3-cd)pyrene
Concen: 48.61 ng
RT: 16.50 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BF084805.D
Acq: 4 Feb 2016 00:52

Instrument :
BNA_F
ClientSampleId :
SOUTH-SIDEWALL(11.5)MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.1	20.6	30.8
277	25.1	20.1	30.1

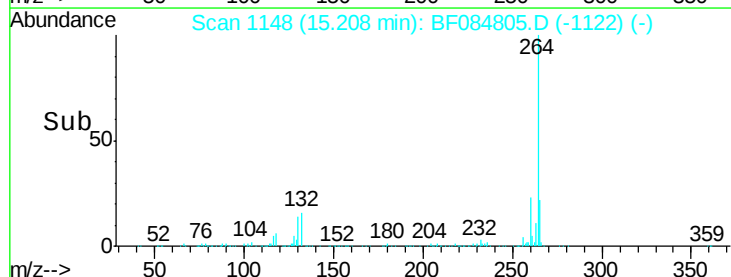
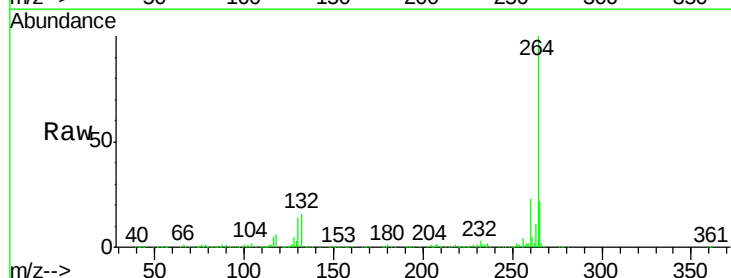
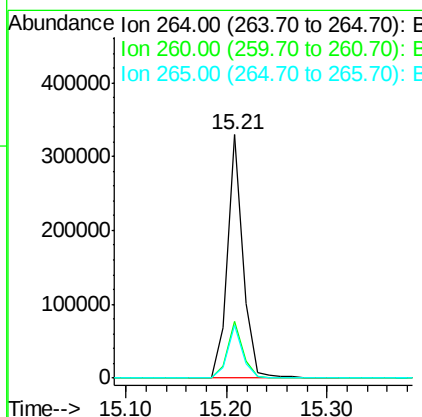
Manual Integrations
APPROVED

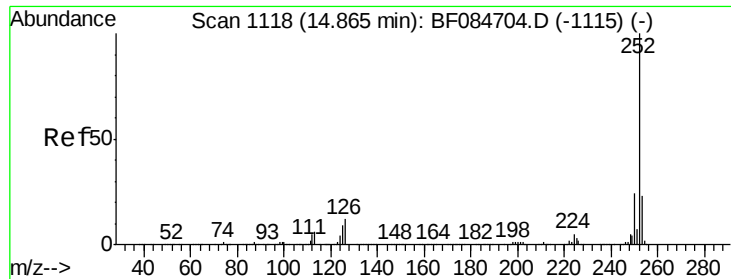
mohammad
2/4/2016 2:04:55 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BF084805.D
Acq: 4 Feb 2016 00:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.2
265	21.5	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 40.79 ng m

RT: 14.83 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Instrument :

BNA_F

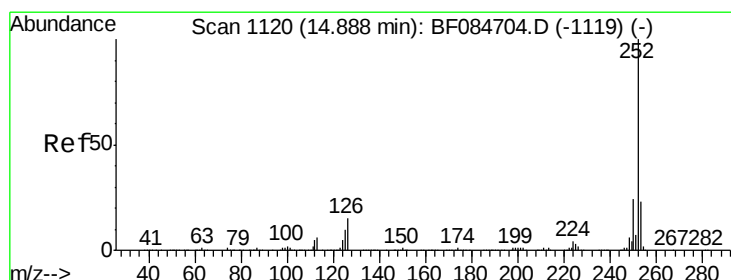
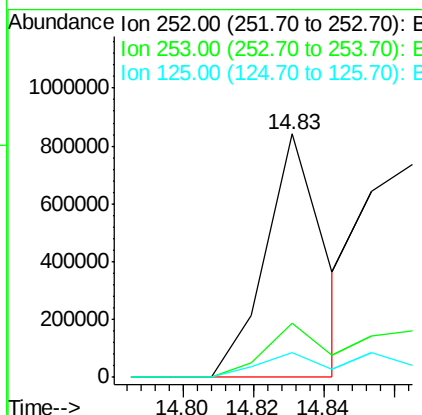
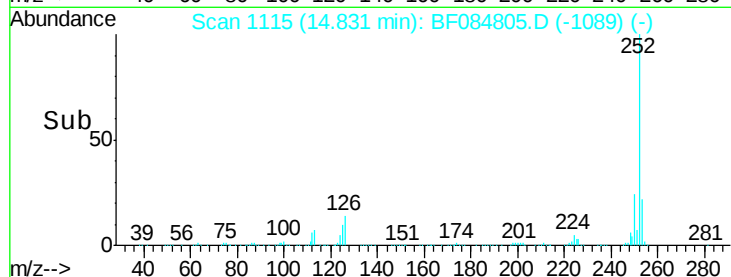
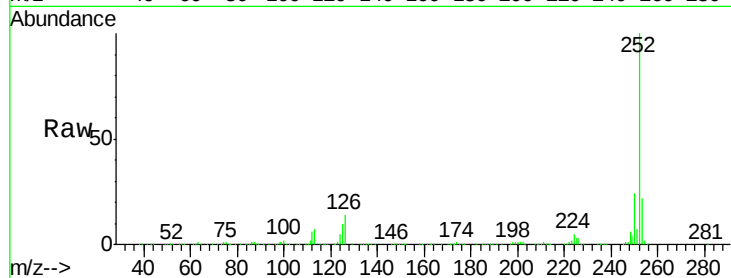
ClientSampleId :

SOUTH-SIDEWALL(11.5)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	10.4	6.5	9.7#

Manual Integrations
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mohammad
2/4/2016 2:04:55 PM



#88

Benzo(k)fluoranthene

Concen: 50.85 ng m

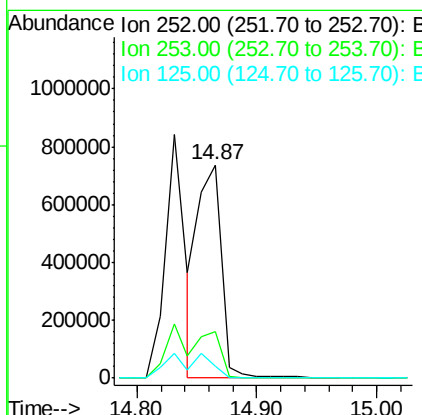
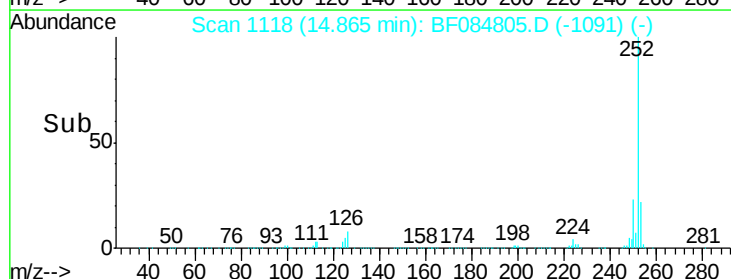
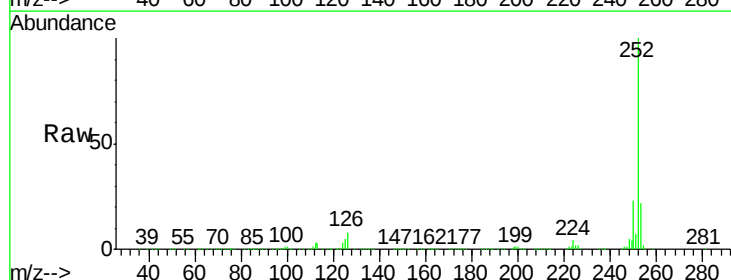
RT: 14.87 min Scan# 1118

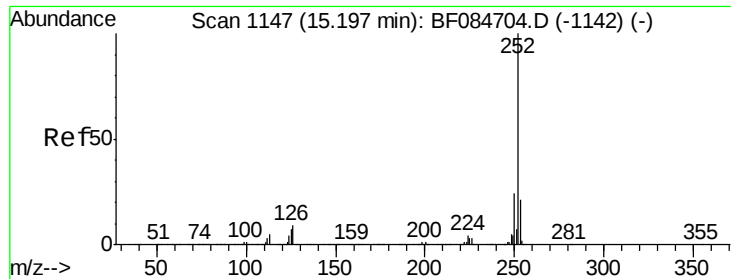
Delta R.T. 0.01 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	5.5	9.0	13.6#





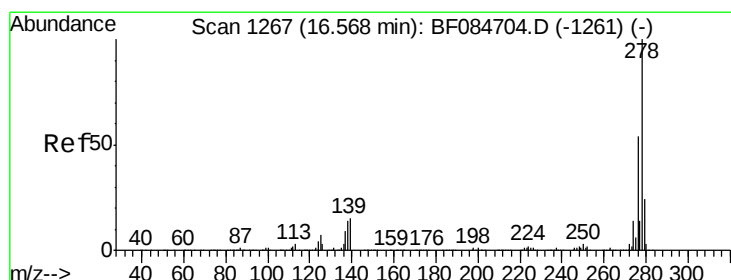
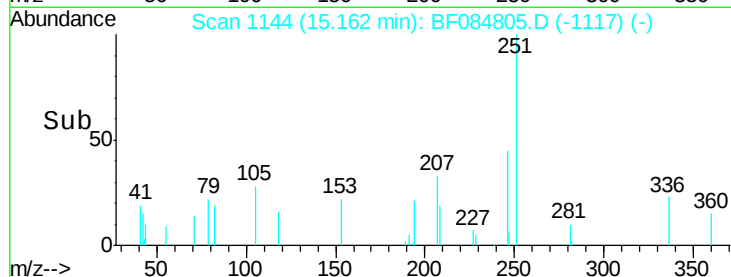
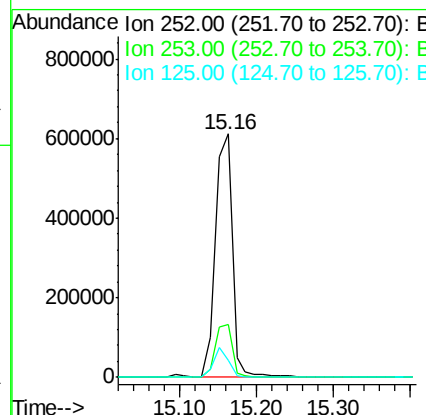
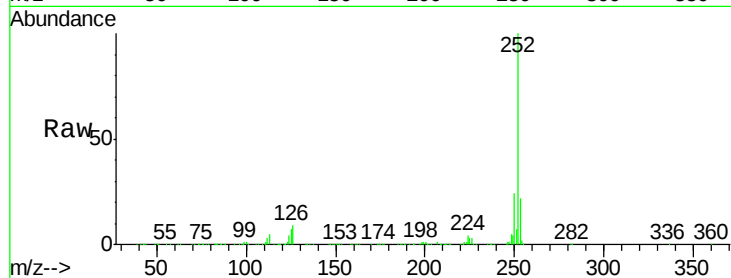
#89
Benzo(a)pyrene
Concen: 45.45 ng
RT: 15.16 min Scan# 1144
Delta R.T. 0.01 min
Lab File: BF084805.D
Acq: 4 Feb 2016 00:52

Instrument :
BNA_F
ClientSampleId :
SOUTH-SIDEWALL(11.5)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	7.1	7.0	10.4

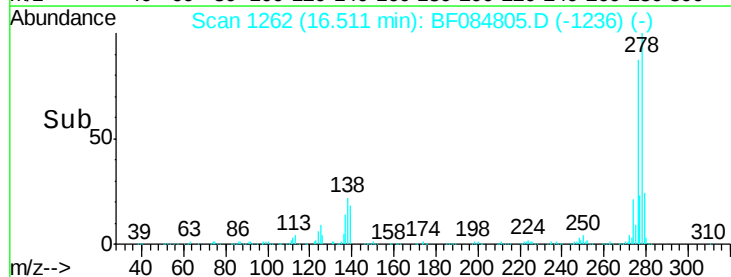
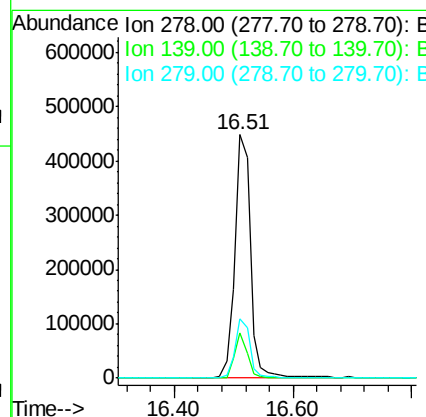
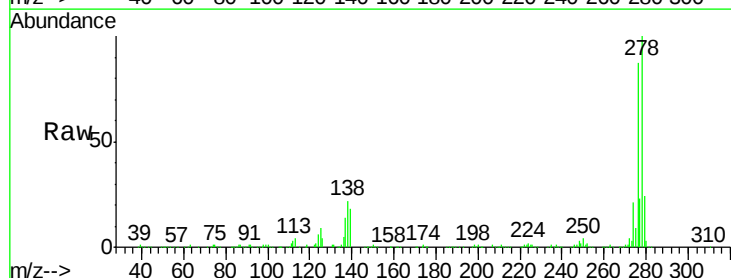
Manual Integrations
APPROVED

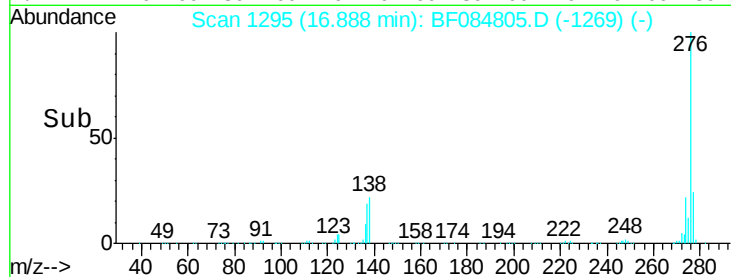
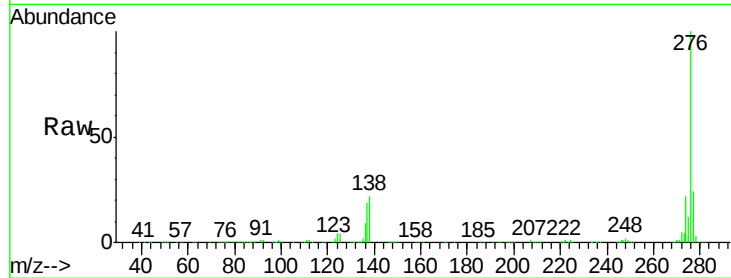
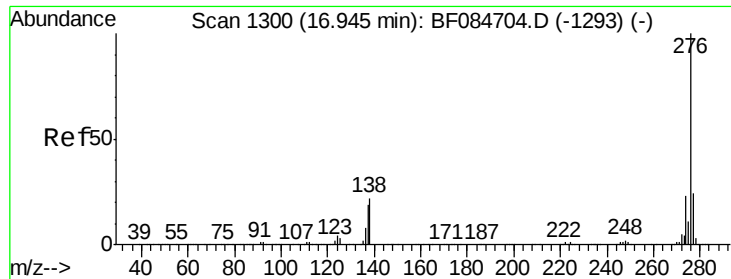
mohammad
2/4/2016 2:04:55 PM



#90
Dibenzo(a,h)anthracene
Concen: 47.91 ng
RT: 16.51 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BF084805.D
Acq: 4 Feb 2016 00:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.3	15.0	22.4
279	24.4	18.9	28.3





#91

Benzo(a,h,i)perylene

Concen: 48.59 ng

RT: 16.89 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Tot Ion:	276	Resp:	839107
Ion Ratio	Lower	Upper	
276	100		
277	23.8	18.8	28.2
138	21.6	17.8	26.6

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)MS

Manual Integrations
APPROVED

mohammad
2/4/2016 2:04:55 PM

