

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
 Data File : BF081990.D
 Acq On : 2 Oct 2015 20:35
 Operator : UM/IZ
 Sample : G3886-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-24(16-18)MS

Manual Integrations
 APPROVED

MMDADODA
 10/5/2015 6:28:45 PM

Quant Time: Oct 03 04:16:54 2015
 Quant Method : H:\HPCHEM1\BNA F\Method\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	99703	20.00	ng	-0.05
21) Naphthalene-d8	8.17	136	384371	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	187983	20.00	ng	-0.05
63) Phenanthrene-d10	11.43	188	386366	20.00	ng	-0.03
75) Chrysene-d12	14.08	240	373166	20.00	ng	-0.03
86) Perylene-d12	15.53	264	306108	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	673181	122.57	ng	-0.03
7) Phenol-d6	6.51	99	891804	129.04	ng	-0.05
23) Nitrobenzene-d5	7.46	82	548868	95.19	ng	-0.03
41) 2,4,6-Tribromophenol	10.73	330	248017	130.27	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	1037525	94.36	ng	-0.05
78) Terphenyl-d14	13.02	244	1059940	94.70	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	89455	37.45	ng	90
3) Pyridine	3.26	79	227674	36.61	ng	# 83
4) n-Nitrosodimethylamine	3.22	42	108338	38.36	ng	92
6) Aniline	6.55	93	269860	29.06	ng	# 85
8) 2-Chlorophenol	6.67	128	276811	45.64	ng	98
9) Benzaldehyde	6.43	77	52328	11.56	ng	# 81
10) Phenol	6.54	94	309835	39.97	ng	81
11) bis(2-Chloroethyl)ether	6.63	93	292380	48.63	ng	95
12) 1,3-Dichlorobenzene	6.82	146	293580m	40.98	ng	
13) 1,4-Dichlorobenzene	6.90	146	321016m	42.91	ng	
14) 1,2-Dichlorobenzene	7.06	146	287167	43.08	ng	98
15) Benzyl Alcohol	7.03	79	200070	40.10	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	7.17	45	363767	42.80	ng	81
17) 2-Methylphenol	7.14	107	223242	45.40	ng	# 86
18) Hexachloroethane	7.39	117	104381	44.57	ng	91
19) n-Nitroso-di-n-propylamine	7.30	70	173530	41.31	ng	# 77
20) 3+4-Methylphenols	7.29	107	257414	41.44	ng	# 71
22) Acetophenone	7.30	105	366491	46.63	ng	# 81
24) Nitrobenzene	7.47	77	272782	43.57	ng	# 69
25) Isophorone	7.71	82	521326	45.62	ng	# 93
26) 2-Nitrophenol	7.79	139	148885	49.54	ng	# 81
27) 2,4-Dimethylphenol	7.83	122	226605	42.86	ng	# 83
28) bis(2-Chloroethoxy)methane	7.93	93	307859	45.36	ng	# 94
29) 2,4-Dichlorophenol	8.03	162	251741	49.10	ng	97
30) 1,2,4-Trichlorobenzene	8.11	180	261063	45.61	ng	97
31) Naphthalene	8.19	128	735037m	43.16	ng	
32) Benzoic acid	7.90	122	32061	15.93	ng	# 86
33) 4-Chloroaniline	8.25	127	127890	17.37	ng	# 93
34) Hexachlorobutadiene	8.31	225	149079	44.04	ng	98
35) Caprolactam	8.62	113	67014m	47.22	ng	
36) 4-Chloro-3-methylphenol	8.73	107	242416	48.36	ng	85
37) 2-Methylnaphthalene	8.89	142	535010	46.02	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	252081	43.68	ng	100
40) Hexachlorocyclopentadiene	9.04	237	277524	93.38	ng	95

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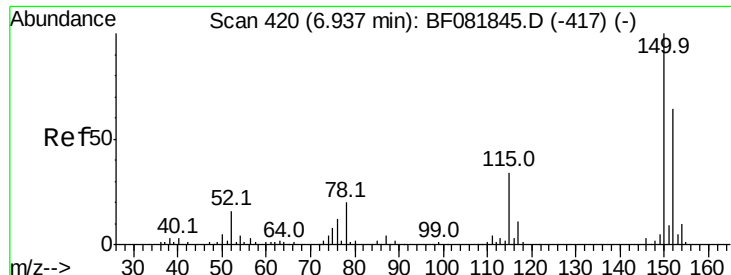
Manual Integrations
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MMDADODA
 10/5/2015 6:28:45 PM

Quant Time: Oct 03 04:16:54 2015
 Quant Method : H:\HPCHEM1\BNA F\Method\8270-BF092815.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	164559	41.59	nq	99
43) 2,4,5-Trichlorophenol	9.21	196	195477	48.04	nq	96
45) 1,1'-Biphenyl	9.36	154	672542	46.37	nq	94
46) 2-Chloronaphthalene	9.38	162	525159	46.12	nq	96
47) 2-Nitroaniline	9.49	65	153418	45.89	nq	89
48) Acenaphthylene	9.79	152	770180	42.26	nq	96
49) Dimethylphthalate	9.67	163	771514	59.46	nq	# 97
50) 2,6-Dinitrotoluene	9.73	165	132946	47.19	nq	# 74
51) Acenaphthene	9.97	154	507799	46.92	nq	89
52) 3-Nitroaniline	9.90	138	97494	29.91	nq	# 71
53) 2,4-Dinitrophenol	10.00	184	100389	75.88	nq	# 53
54) Dibenzofuran	10.15	168	709454	46.38	nq	94
55) 4-Nitrophenol	10.06	139	191741	81.42	nq	# 50
56) 2,4-Dinitrotoluene	10.13	165	167903	46.75	nq	# 70
57) Fluorene	10.49	166	565734	52.05	nq	92
58) 2,3,4,6-Tetrachlorophenol	10.26	232	169106	52.40	nq	90
59) Diethylphthalate	10.37	149	577113	47.62	nq	99
60) 4-Chlorophenyl-phenylether	10.48	204	267136	47.70	nq	90
61) 4-Nitroaniline	10.51	138	139720	42.76	nq	# 44
62) Azobenzene	10.64	77	576852	48.77	nq	91
64) 4,6-Dinitro-2-methylphenol	10.54	198	84035	47.94	nq	87
65) n-Nitrosodiphenylamine	10.61	169	502859	43.02	nq	92
66) 4-Bromophenyl-phenylether	10.97	248	163899m	42.07	nq	
67) Hexachlorobenzene	11.03	284	167579	38.12	nq	# 85
68) Atrazine	11.13	200	162179	44.71	nq	82
69) Pentachlorophenol	11.23	266	200907	80.20	nq	97
70) Phenanthrene	11.45	178	825148	44.35	nq	96
71) Anthracene	11.51	178	906998	46.19	nq	98
72) Carbazole	11.66	167	801257	45.08	nq	95
73) Di-n-butylphthalate	11.99	149	857273	47.43	nq	# 97
74) Fluoranthene	12.64	202	871199	42.09	nq	91
76) Benzidine	12.78	184	249750	22.21	nq	98
77) Pyrene	12.87	202	896892	40.23	nq	95
79) Butylbenzylphthalate	13.50	149	416941	49.70	nq	96
80) Benzo(a)anthracene	14.07	228	824068	41.01	nq	96
81) 3,3'-Dichlorobenzidine	14.04	252	211494	31.16	nq	# 94
82) Chrysene	14.10	228	850326m	54.26	nq	
83) Bis(2-ethylhexyl)phthalate	14.06	149	556056	52.84	nq	# 95
84) Di-n-octyl phthalate	14.68	149	949967	55.47	nq	# 92
85) Indeno(1,2,3-cd)pyrene	16.98	276	649361	41.31	nq	# 87
87) Benzo(b)fluoranthene	15.11	252	942732m	53.94	nq	
88) Benzo(k)fluoranthene	15.14	252	621139m	38.78	nq	
89) Benzo(a)pyrene	15.48	252	719480	47.46	nq	# 86
90) Dibenzo(a,h)anthracene	17.01	278	538904	42.37	nq	# 81
91) Benzo(g,h,i)perylene	17.43	276	526608	40.40	nq	# 75

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



#1

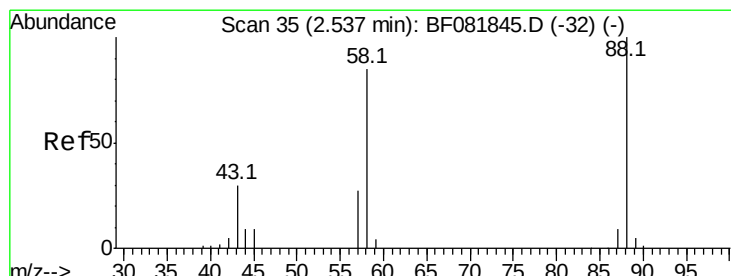
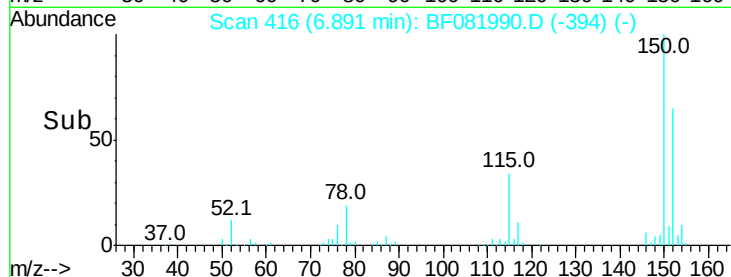
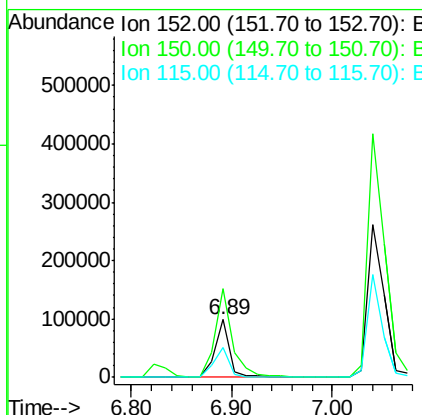
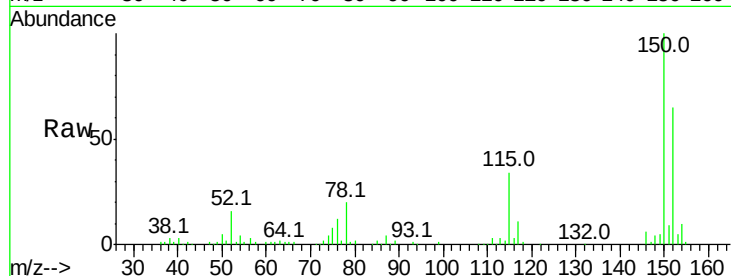
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 416
Delta R.T. -0.05 min
Lab File: BF081990.D
Acq: 2 Oct 2015 20:35

Instrument :
BNA_F
ClientSampleId :
OS-SB-24(16-18)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.7	187.1
115	52.4	39.0	58.4

Manual Integrations
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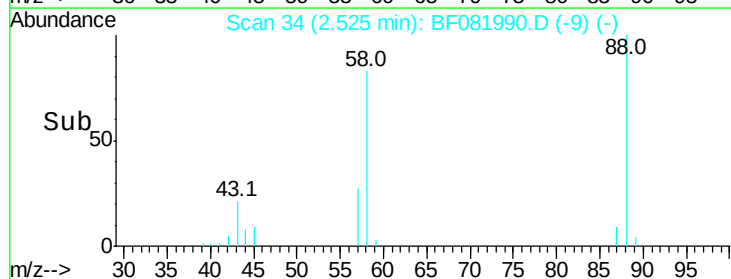
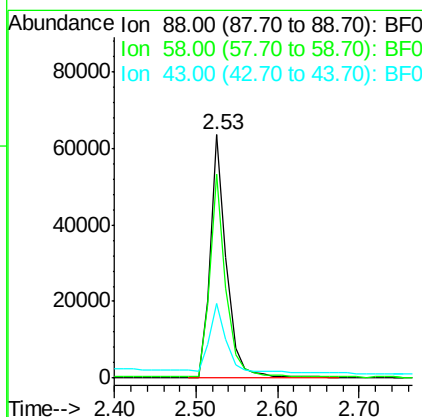
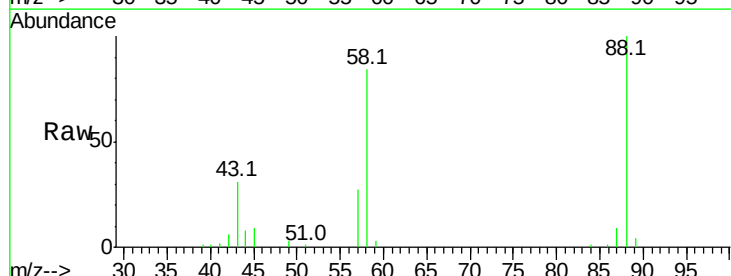
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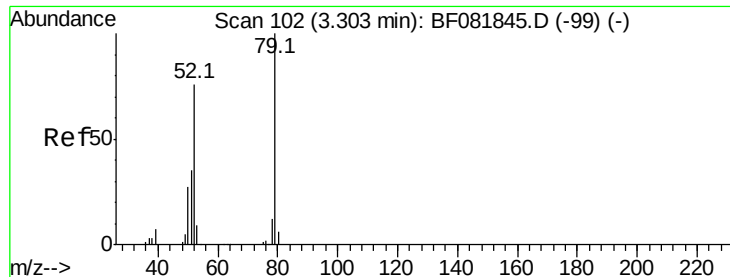


#2

1,4-Dioxane
Concen: 37.45 ng
RT: 2.53 min Scan# 34
Delta R.T. -0.01 min
Lab File: BF081990.D
Acq: 2 Oct 2015 20:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.4	77.7	116.5
43	29.2	26.6	40.0





#3

Pvridine

Concen: 36.61 ng

RT: 3.26 min Scan# 98

Delta R.T. -0.05 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Instrument :

BNA_F

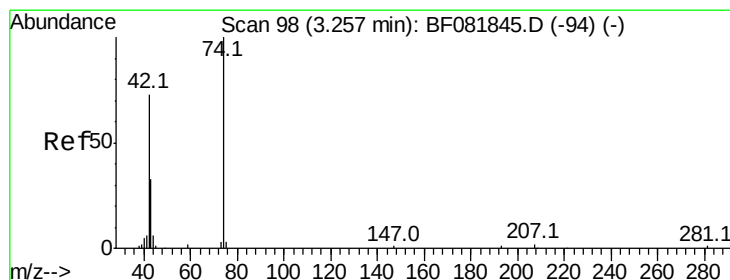
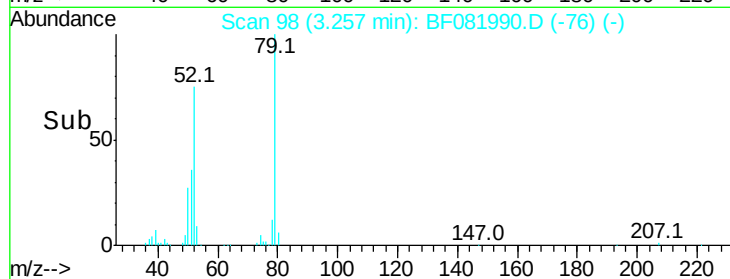
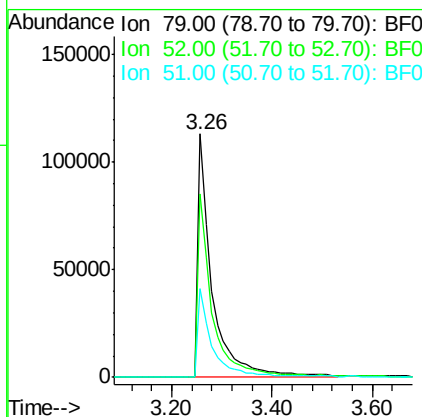
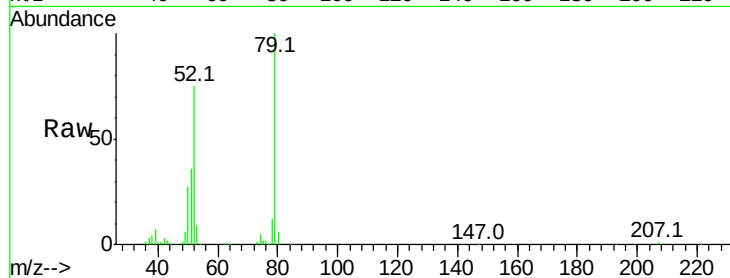
ClientSampleId :

OS-SB-24(16-18)MS

Tot Ion:	79	Resp:	227674
Ion Ratio	Lower	Upper	
79	100		
52	75.2	76.8	115.2#
51	36.3	32.2	48.4

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 38.36 ng

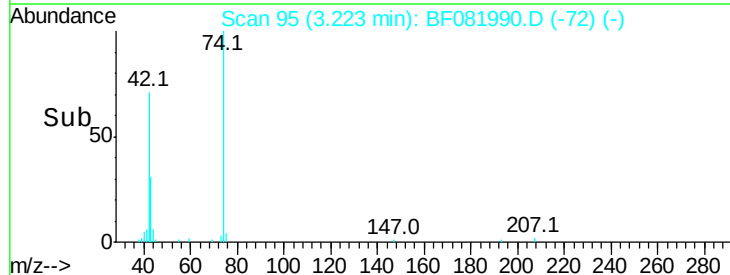
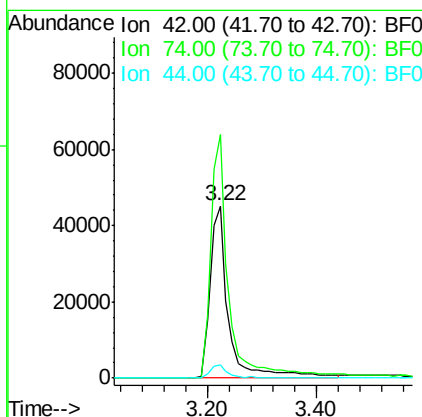
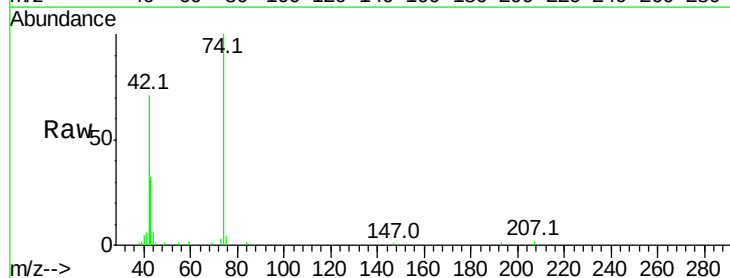
RT: 3.22 min Scan# 95

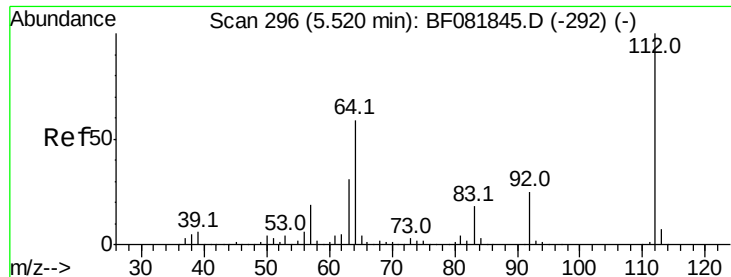
Delta R.T. -0.03 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Tgt Ion:	42	Resp:	108338
Ion Ratio	Lower	Upper	
42	100		
74	141.1	105.0	157.6
44	8.0	6.6	10.0





#5

2-Fluorophenol

Concen: 122.57 ng

RT: 5.49 min Scan# 293

Delta R.T. -0.03 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Instrument :

BNA_F

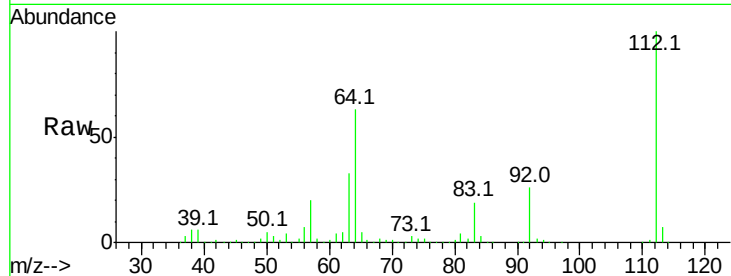
ClientSampleId :

OS-SB-24(16-18)MS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	673181		
64	62.7	39.7	59.5#	
63	32.5	17.4	26.0#	

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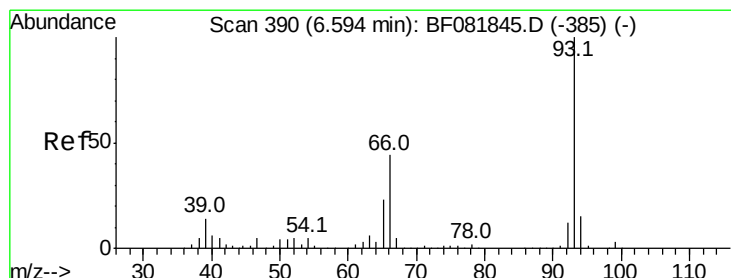
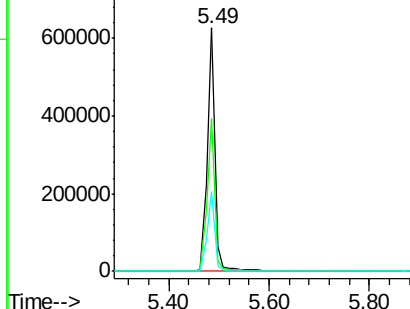
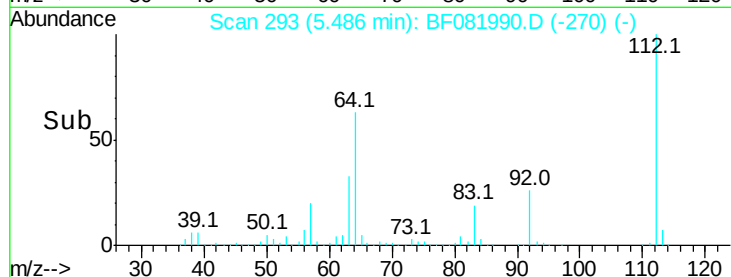
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 29.06 ng

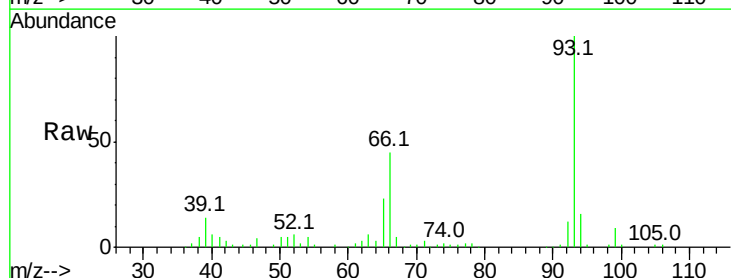
RT: 6.55 min Scan# 386

Delta R.T. -0.05 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

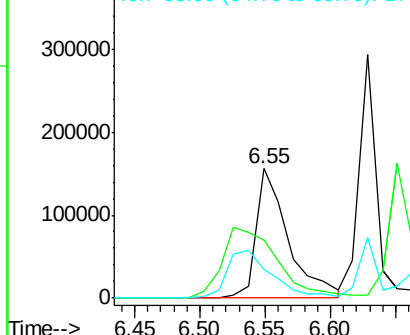
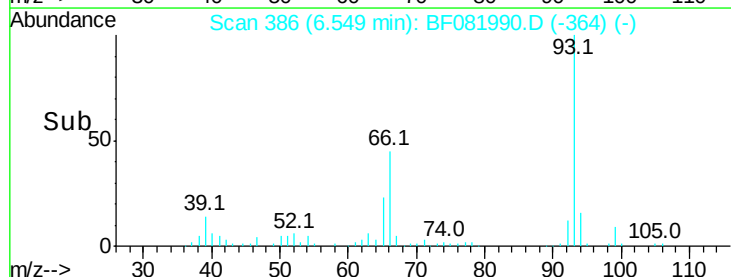
Tgt Ion	Ratio	Resp	Lower	Upper
93	100	269860		
66	44.5	27.2	40.8#	
65	22.6	14.7	22.1#	

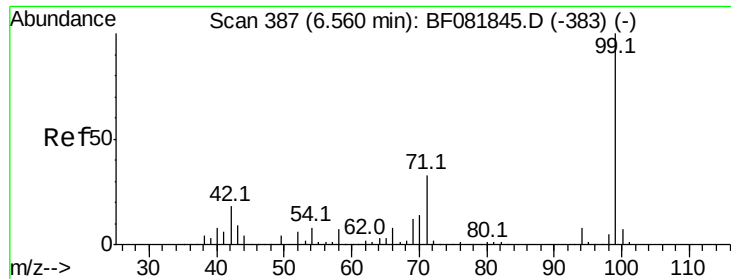


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 129.04 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Instrument :

BNA_F

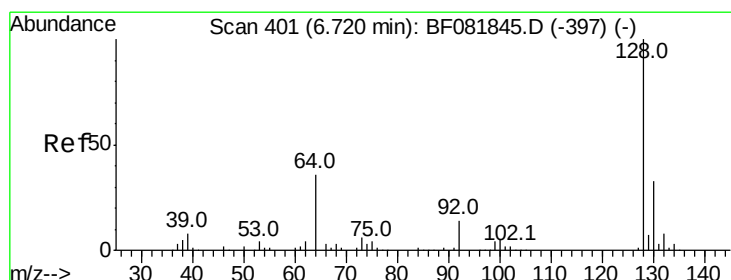
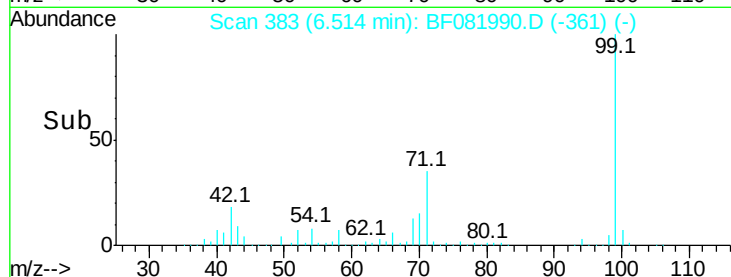
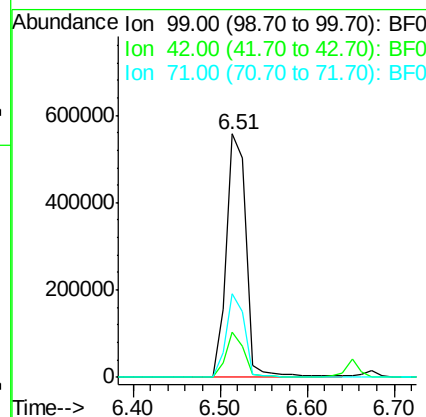
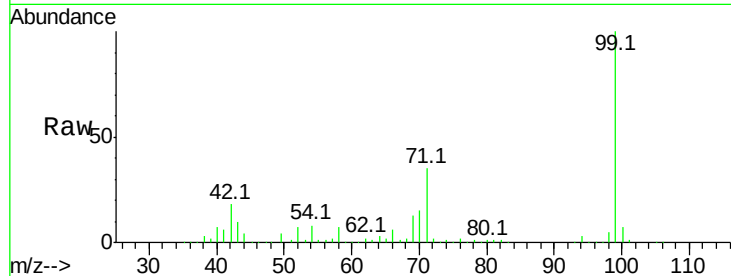
ClientSampleId :

OS-SB-24(16-18)MS

Tot Ion:	99	Resp:	891804
Ion Ratio	Lower	Upper	
99	100		
42	18.4	13.7	20.5
71	34.5	14.2	21.2#

Manual Integrations
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#8

2-Chlorophenol

Concen: 45.64 ng

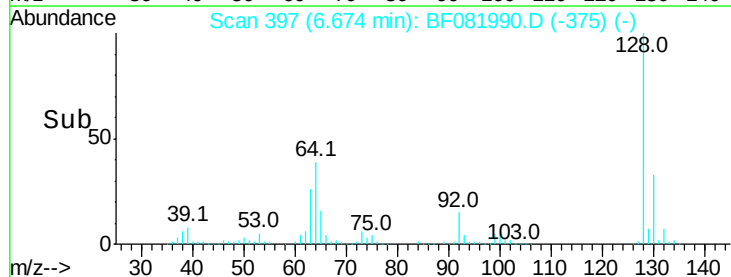
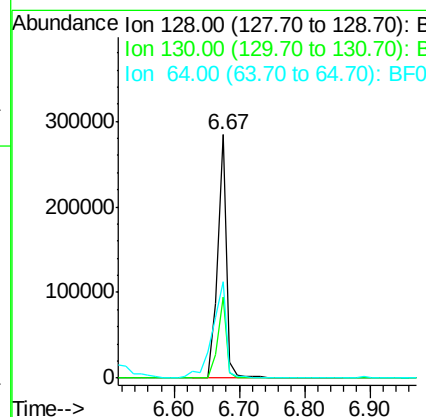
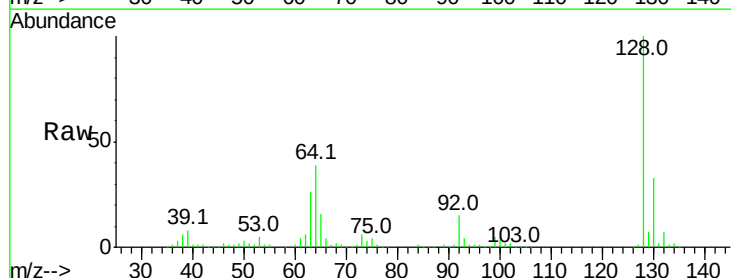
RT: 6.67 min Scan# 397

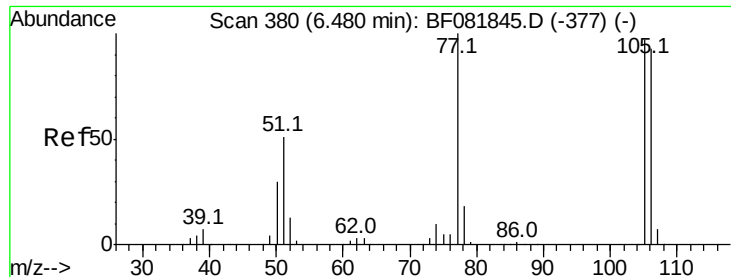
Delta R.T. -0.05 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Tgt Ion:	128	Resp:	276811
Ion Ratio	Lower	Upper	
128	100		
130	33.3	12.2	52.2
64	39.4	20.5	60.5





#9

Benzaldehyde

Concen: 11.56 ng

RT: 6.43 min Scan# 376

Delta R.T. -0.05 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Instrument :

BNA_F

ClientSampleId :

OS-SB-24(16-18)MS

Tot Ion: 77 Resp: 52328

Ion Ratio Lower Upper

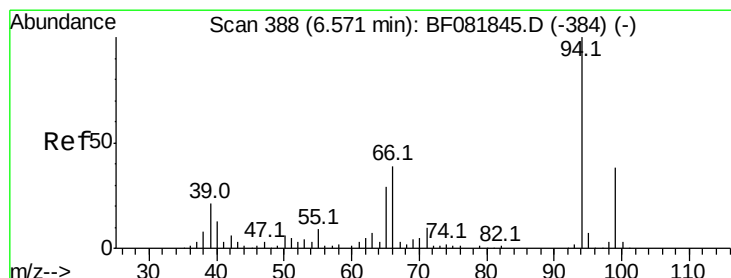
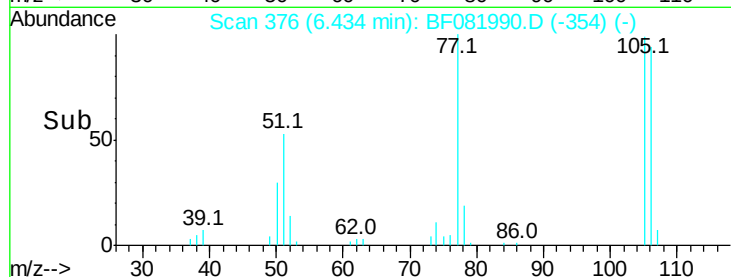
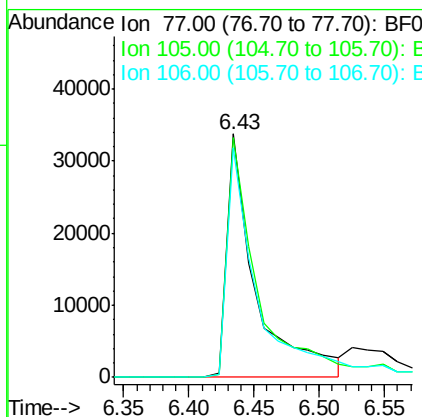
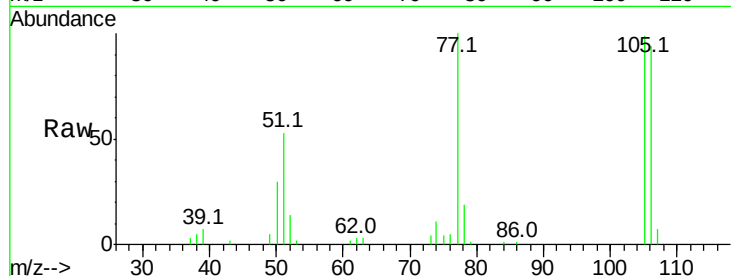
77 100

105 98.7 91.6 131.6

106 94.5 102.6 142.6#

Manual Integrations
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10/5/2015 6:28:45 PM



#10

Phenol

Concen: 39.97 ng

RT: 6.54 min Scan# 385

Delta R.T. -0.03 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

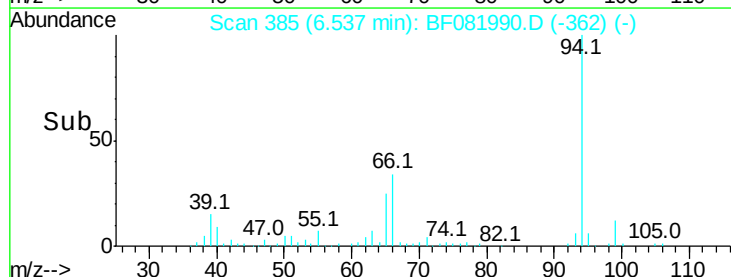
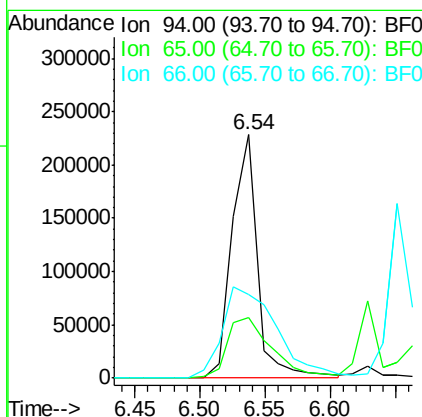
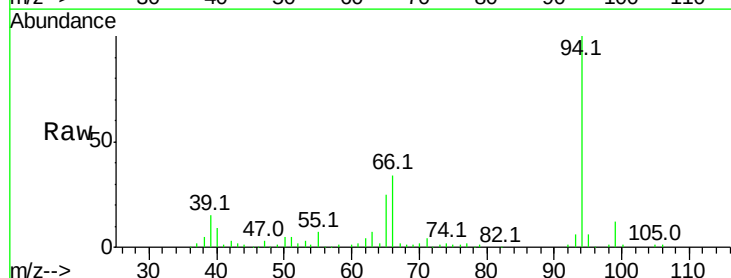
Tgt Ion: 94 Resp: 309835

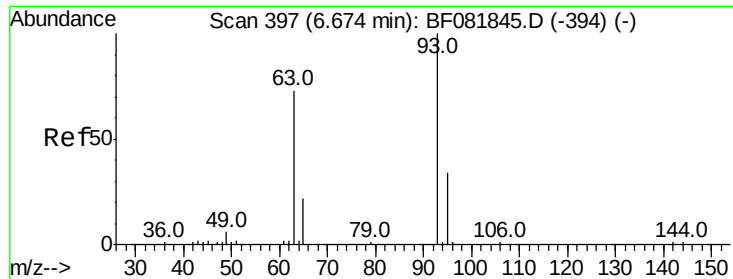
Ion Ratio Lower Upper

94 100

65 24.9 0.7 40.7

66 34.3 0.8 40.8





#11

bis(2-Chloroethyl)ether

Concen: 48.63 ng

RT: 6.63 min Scan# 393

Delta R.T. -0.05 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Instrument :

BNA_F

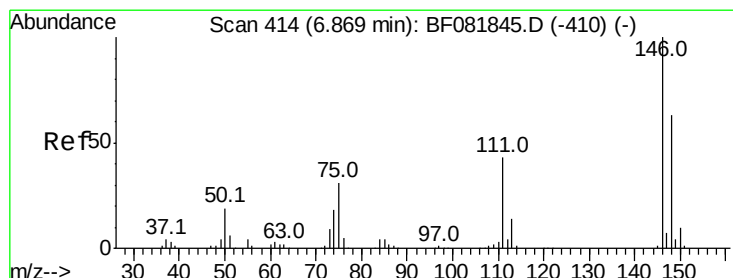
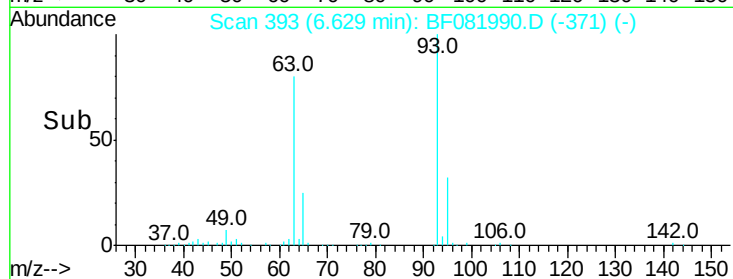
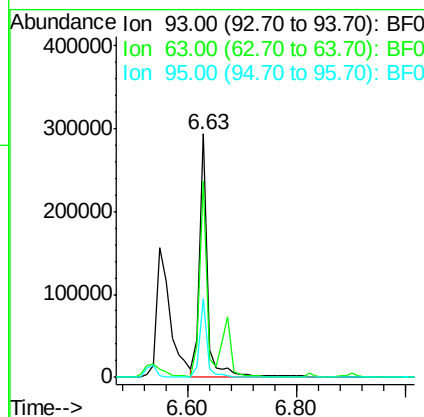
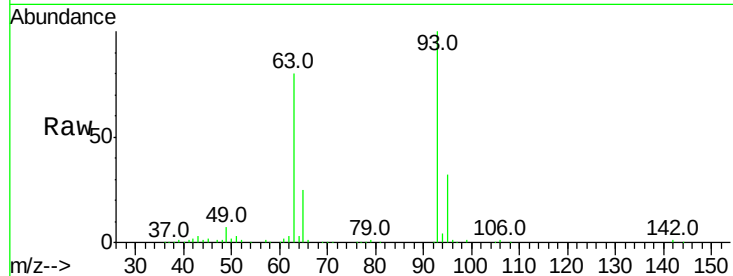
ClientSampleId :

OS-SB-24(16-18)MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	292380		
63	80.4	65.6	105.6	
95	32.5	13.6	53.6	

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#12

1,3-Dichlorobenzene

Concen: 40.98 ng m

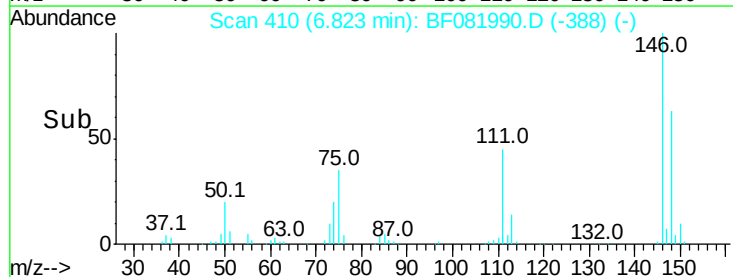
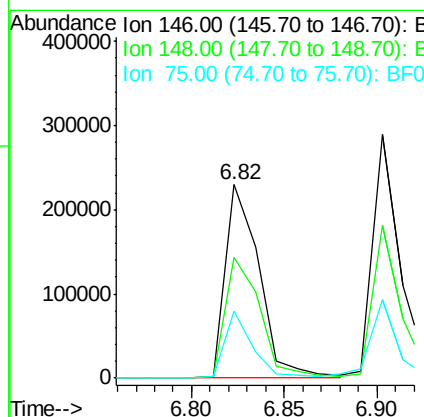
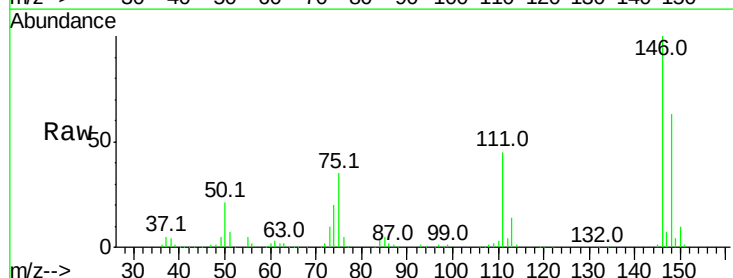
RT: 6.82 min Scan# 410

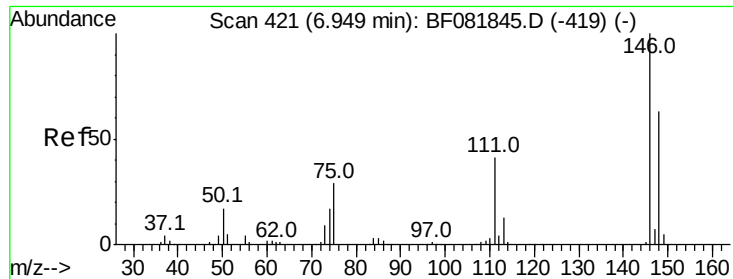
Delta R.T. -0.05 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	293580		
148	62.7	51.0	76.4	
75	35.0	15.0	22.6	





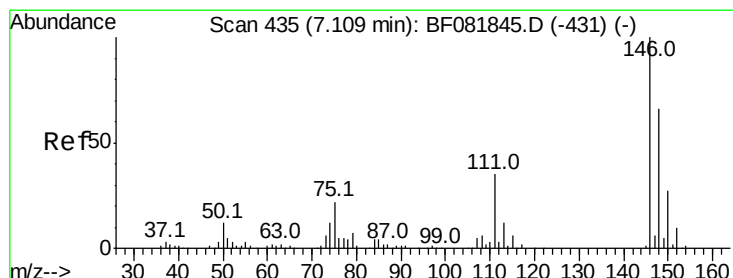
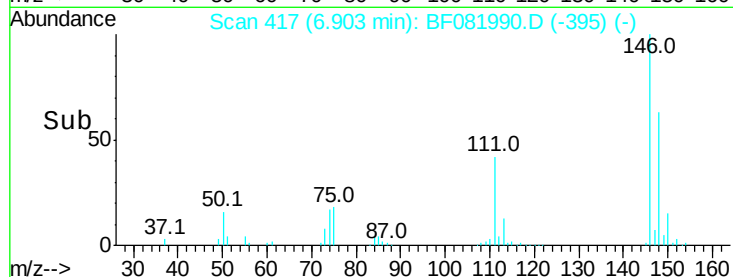
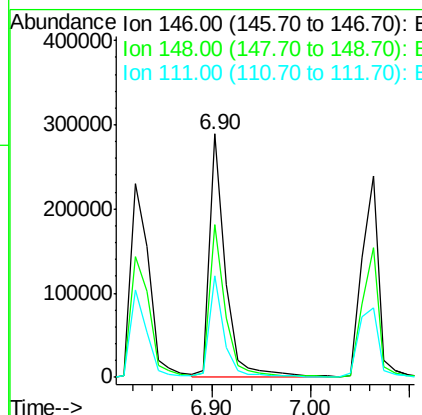
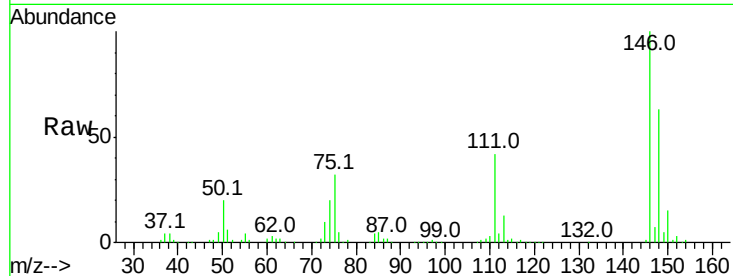
#13
 1,4-Dichlorobenzene
 Concen: 42.91 ng/mL
 RT: 6.90 min Scan# 417
 Delta R.T. -0.05 min
 Lab File: BF081990.D
 Acq: 2 Oct 2015 20:35

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-24(16-18)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.5	51.8	77.6
111	41.6	24.9	37.3

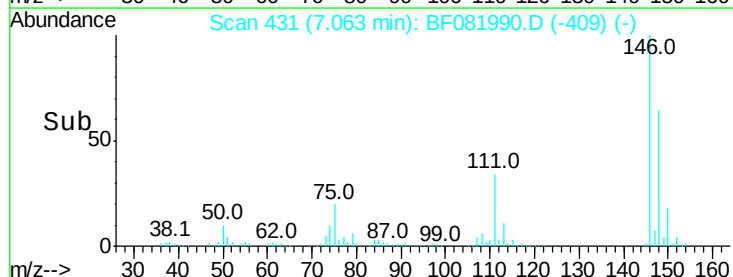
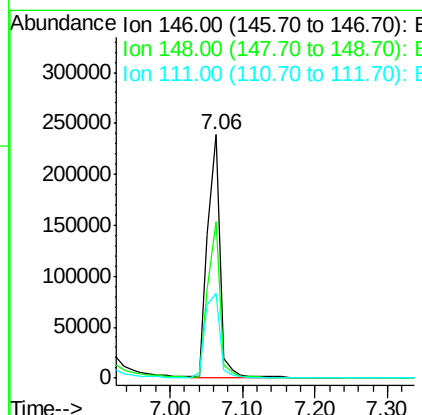
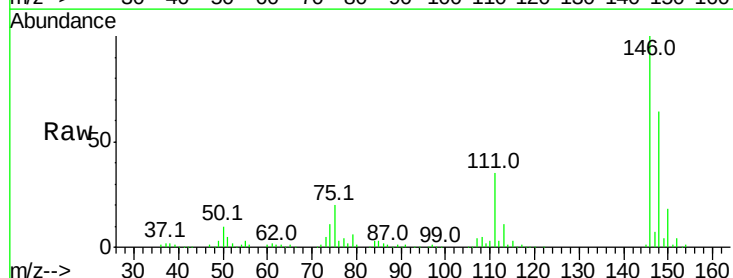
Manual Integrations
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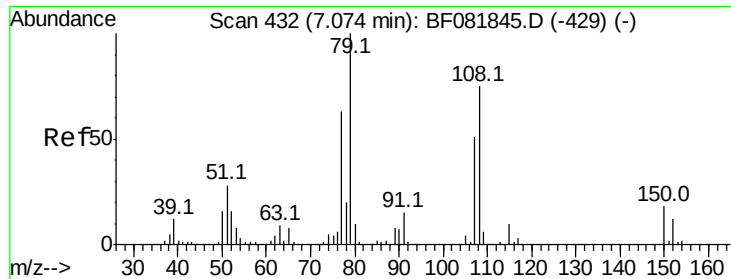
MMDADODA
 10/5/2015 6:28:45 PM



#14
 1,2-Dichlorobenzene
 Concen: 43.08 ng/mL
 RT: 7.06 min Scan# 431
 Delta R.T. -0.05 min
 Lab File: BF081990.D
 Acq: 2 Oct 2015 20:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.7	79.1
111	34.7	28.8	43.2





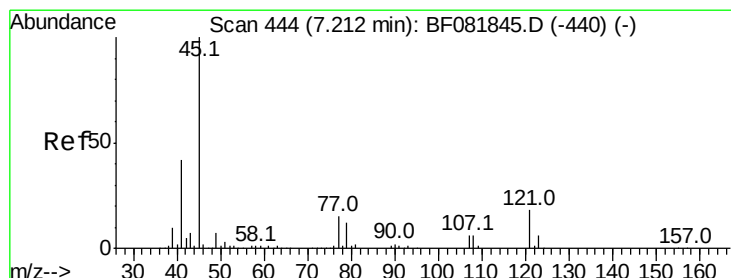
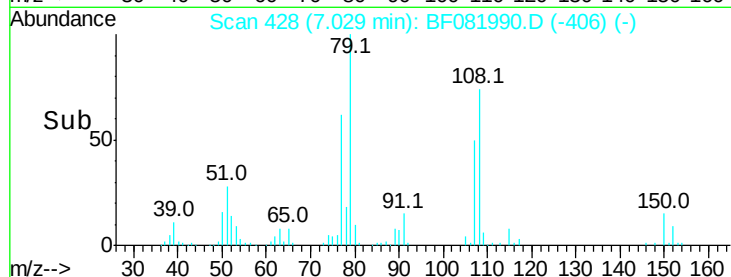
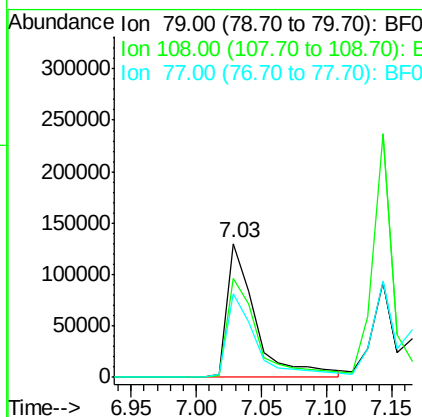
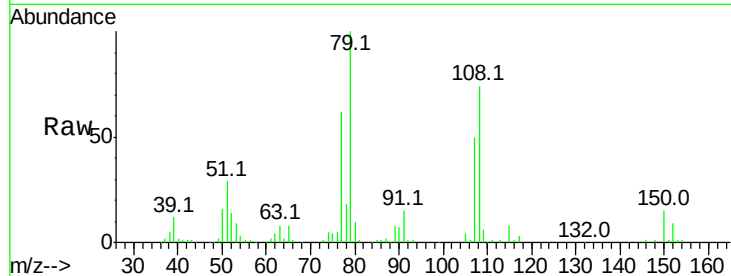
#15
Benzyl Alcohol
Concen: 40.10 ng
RT: 7.03 min Scan# 428
Delta R.T. -0.05 min
Lab File: BF081990.D
Acq: 2 Oct 2015 20:35

Instrument :
BNA_F
ClientSampleId :
OS-SB-24(16-18)MS

Tot Ion: 79 Resp: 200070
Ion Ratio Lower Upper
79 100
108 73.5 88.6 132.8#
77 62.1 47.0 70.4

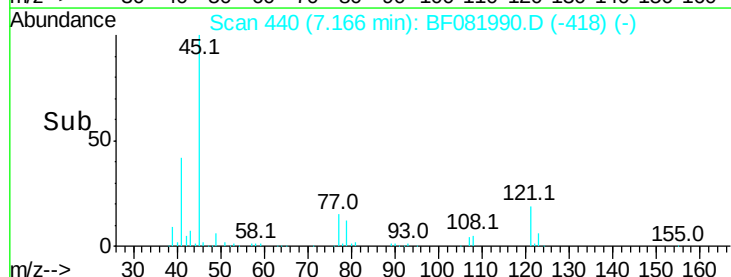
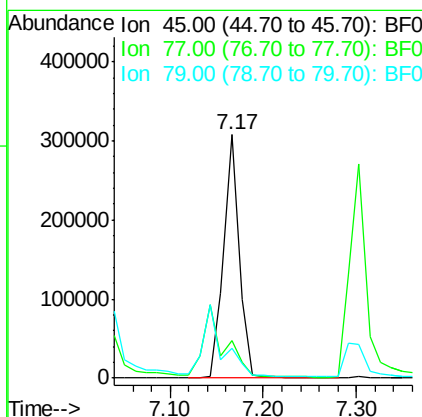
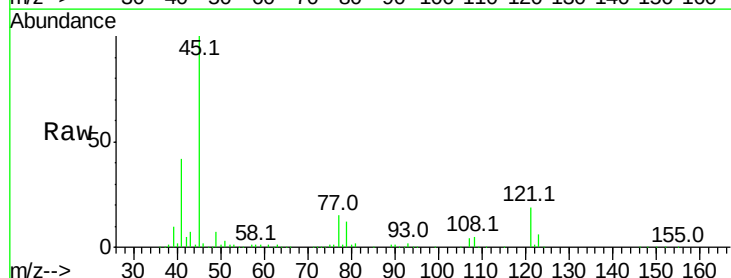
Manual Integrations
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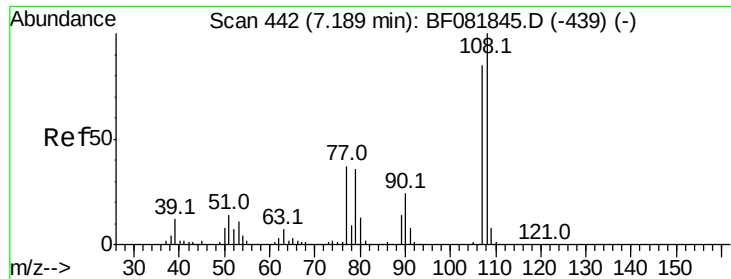
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.80 ng
RT: 7.17 min Scan# 440
Delta R.T. -0.05 min
Lab File: BF081990.D
Acq: 2 Oct 2015 20:35

Tgt Ion: 45 Resp: 363767
Ion Ratio Lower Upper
45 100
77 15.2 0.0 28.1
79 12.2 0.0 26.0





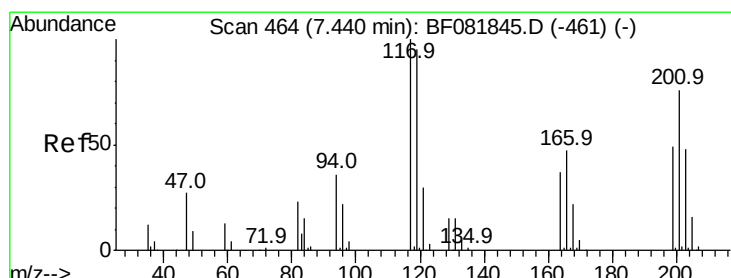
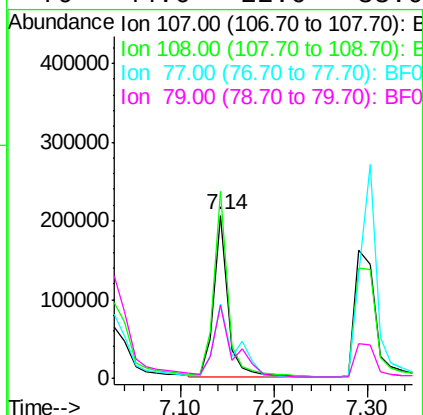
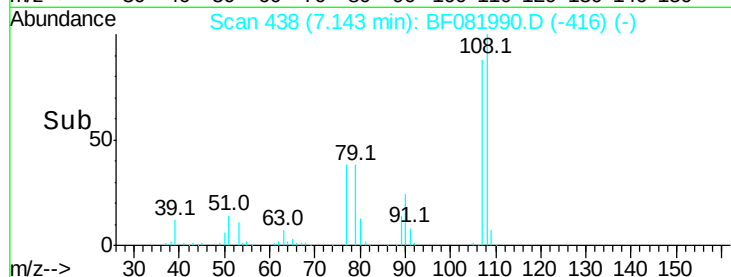
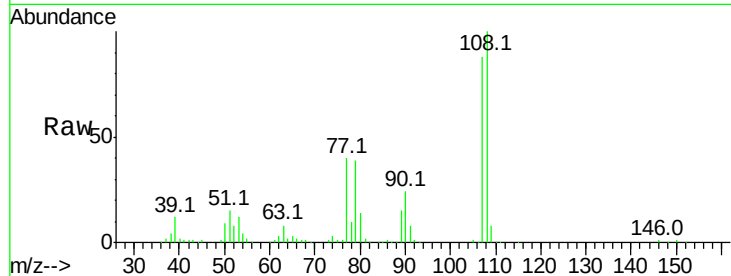
#17
2-Methylphenol
Concen: 45.40 ng
RT: 7.14 min Scan# 438
Delta R.T. -0.05 min
Lab File: BF081990.D
Acq: 2 Oct 2015 20:35

Instrument :
BNA_F
ClientSampleId :
OS-SB-24(16-18)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	223242		
108	114.2	96.6	145.0	
77	45.1	23.3	34.9	
79	44.6	22.0	33.0	

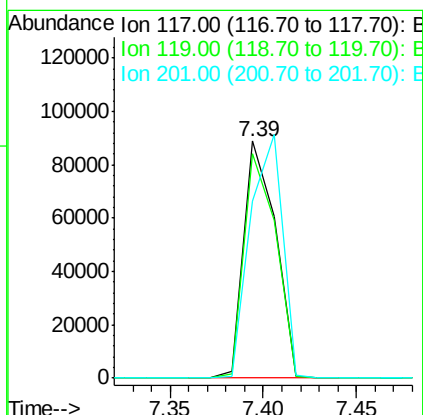
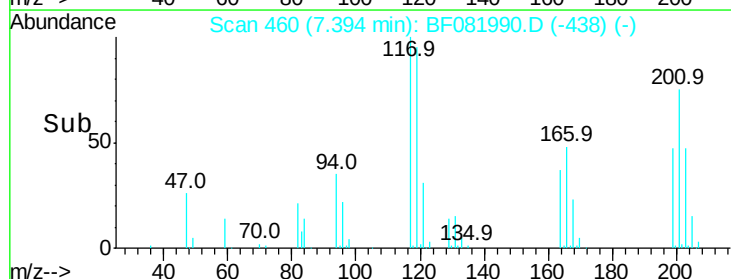
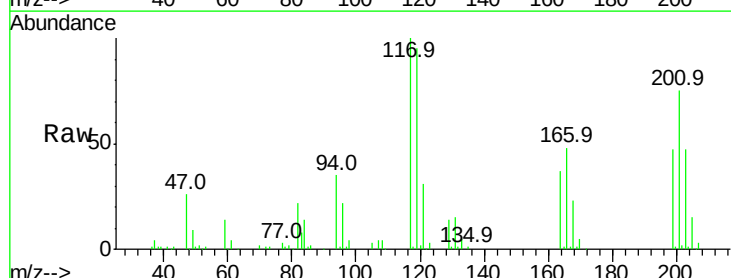
Manual Integrations
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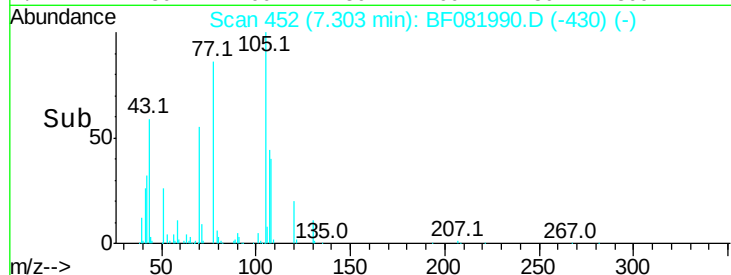
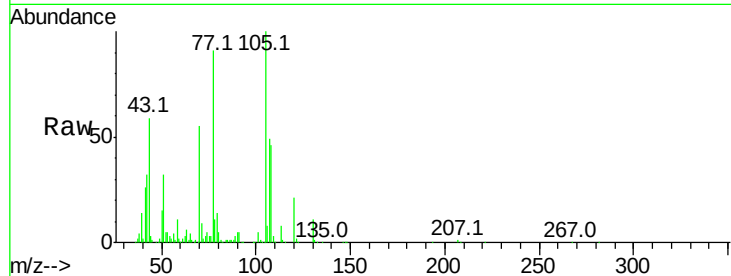
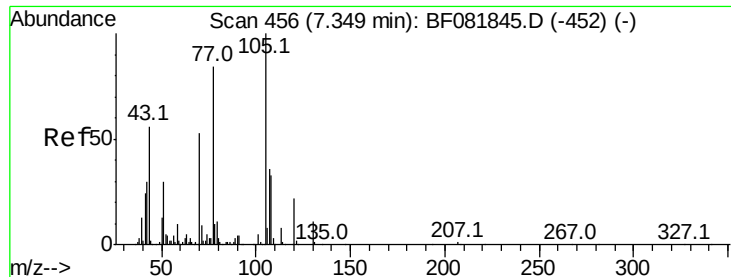
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#18
Hexachloroethane
Concen: 44.57 ng
RT: 7.39 min Scan# 460
Delta R.T. -0.05 min
Lab File: BF081990.D
Acq: 2 Oct 2015 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	104381		
119	94.7	83.8	125.6	
201	74.5	55.1	82.7	





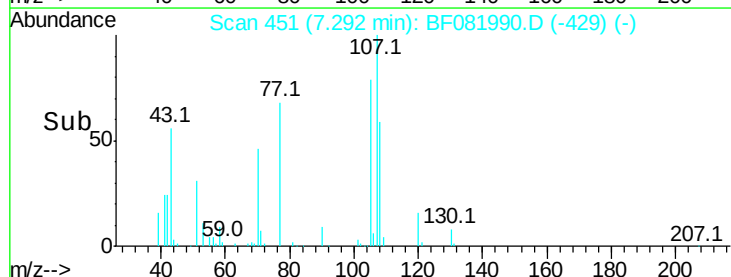
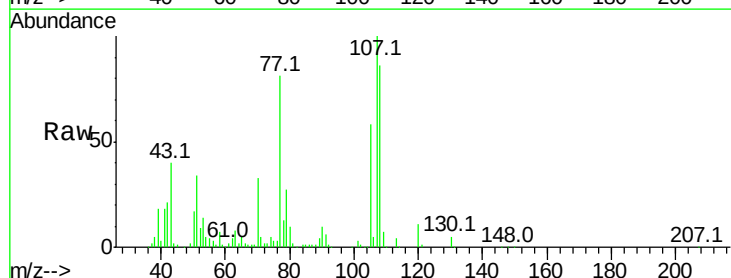
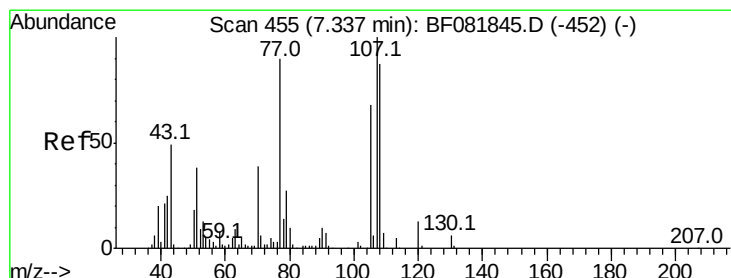
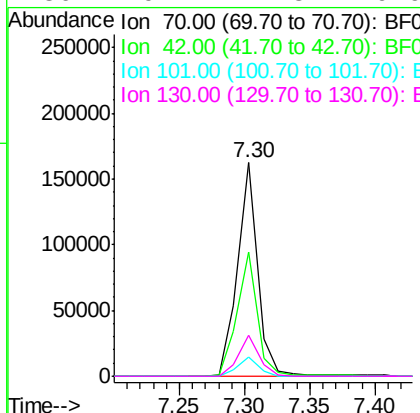
#19
n-Nitroso-di-n-propylamine
Concen: 41.31 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.05 min
Lab File: BF081990.D
Acq: 2 Oct 2015 20:35

Instrument :
BNA_F
ClientSampleId :
OS-SB-24(16-18)MS

Manual Integrations
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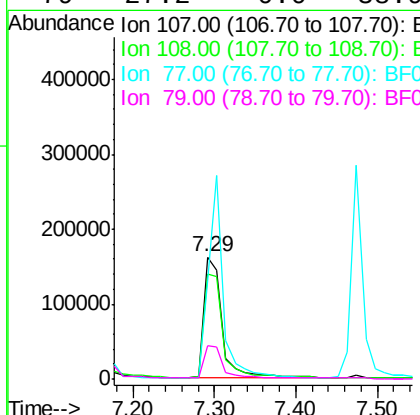
MMDADODA
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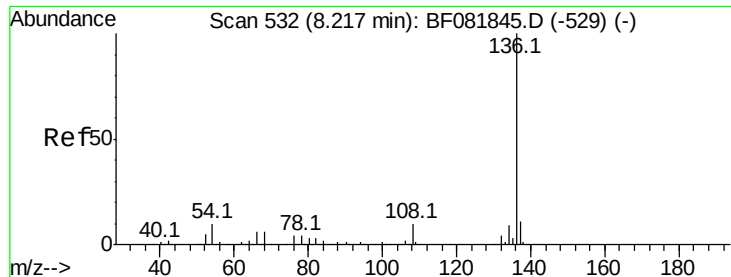
Tot Ion	Ratio	Lower	Upper
70	100		
42	58.4	63.8	95.6#
101	9.3	9.2	13.8
130	19.4	27.3	40.9#



#20
3+4-Methylphenols
Concen: 41.44 ng
RT: 7.29 min Scan# 451
Delta R.T. -0.05 min
Lab File: BF081990.D
Acq: 2 Oct 2015 20:35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.7	74.6	114.6
77	81.3	0.7	40.7#
79	27.2	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 528

Delta R.T. -0.05 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Instrument :

BNA_F

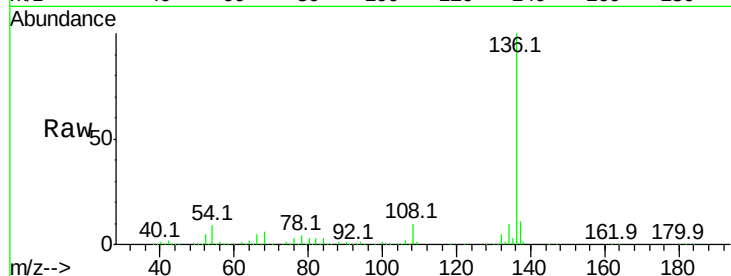
ClientSampleId :

OS-SB-24(16-18)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	9.0	13.6	
54	9.3	8.2	12.2	
68	6.0	5.8	8.6	

Manual Integrations
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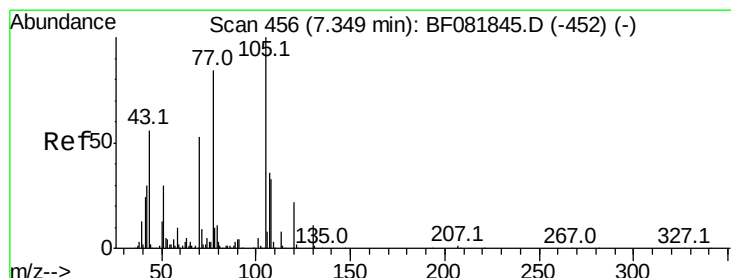
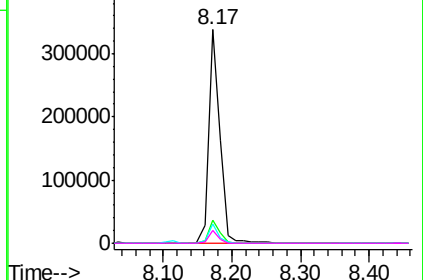
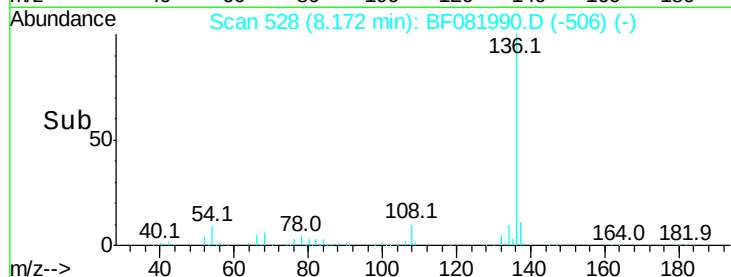


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 46.63 ng

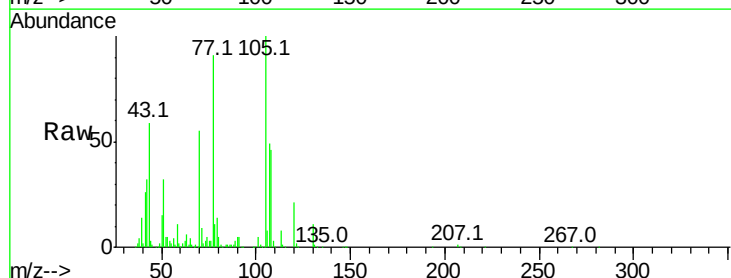
RT: 7.30 min Scan# 452

Delta R.T. -0.05 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	9.2	4.7	7.1#	
51	31.8	22.0	33.0	
120	20.6	30.1	45.1#	

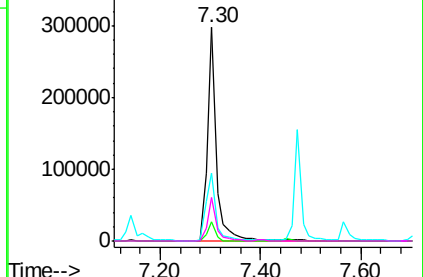
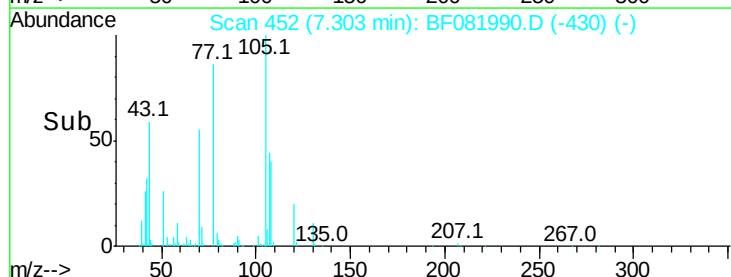


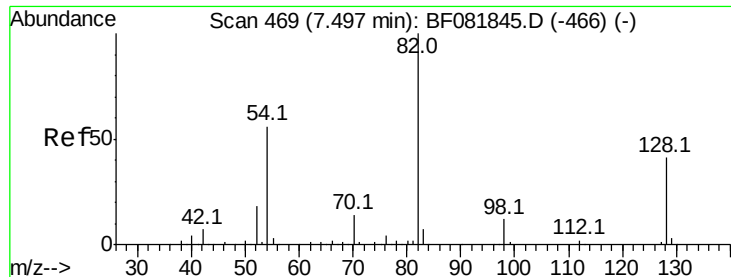
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





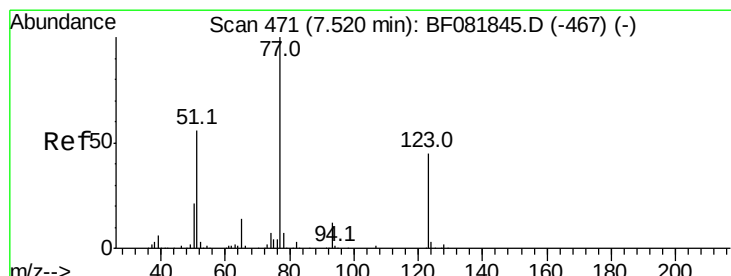
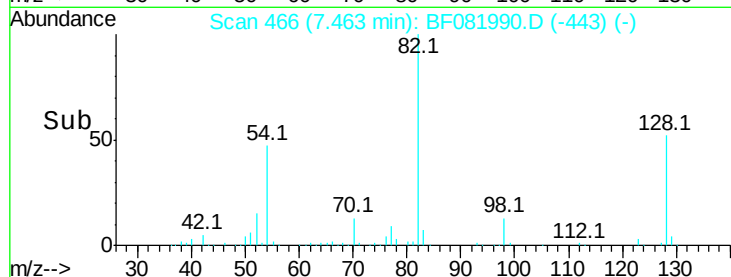
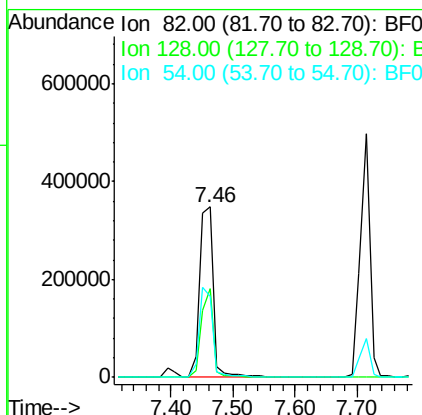
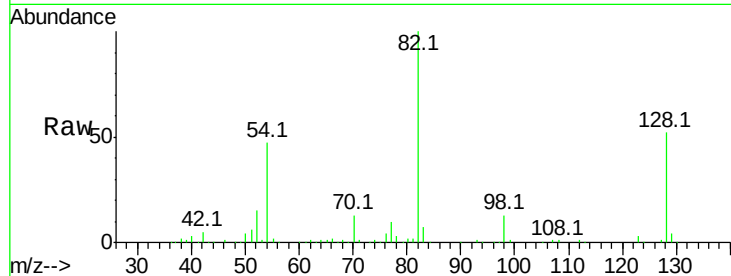
#23
Nitrobenzene-d5
Concen: 95.19 ng
RT: 7.46 min Scan# 466
Delta R.T. -0.03 min
Lab File: BF081990.D
Acq: 2 Oct 2015 20:35

Instrument :
BNA_F
ClientSampleId :
OS-SB-24(16-18)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	52.4	51.0	76.6
54	47.3	47.5	71.3#

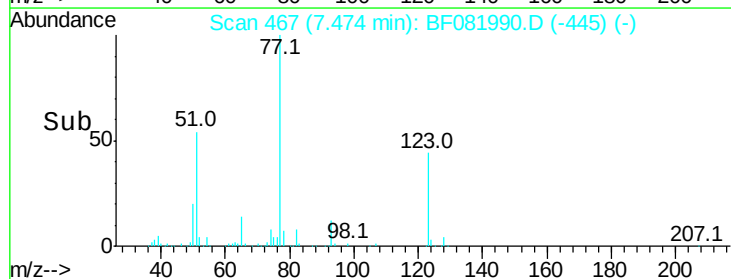
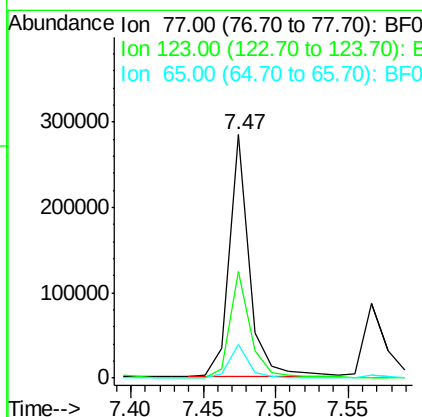
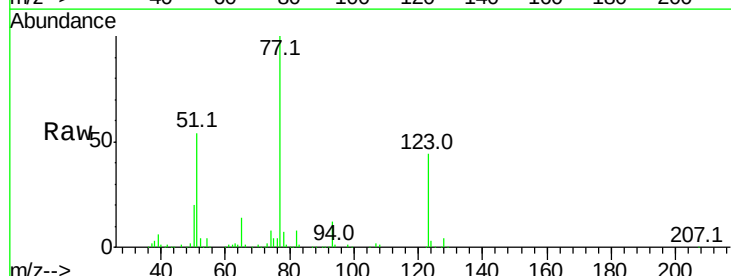
Manual Integrations
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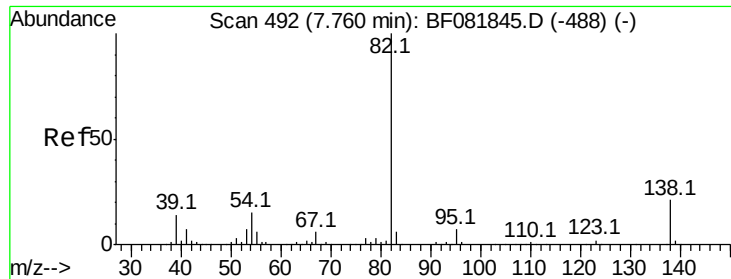
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#24
Nitrobenzene
Concen: 43.57 ng
RT: 7.47 min Scan# 467
Delta R.T. -0.05 min
Lab File: BF081990.D
Acq: 2 Oct 2015 20:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.9	59.8	89.8#
65	13.7	10.2	15.4





#25

Isophorone

Concen: 45.62 ng

RT: 7.71 min Scan# 488

Delta R.T. -0.05 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Instrument :

BNA_F

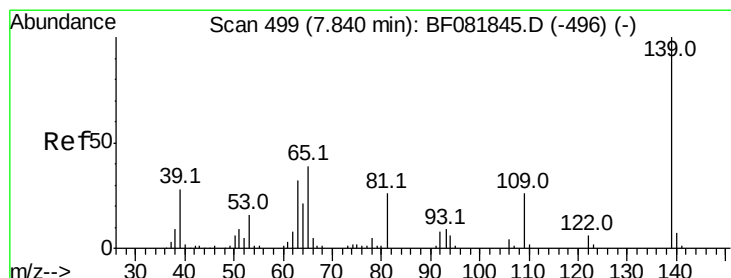
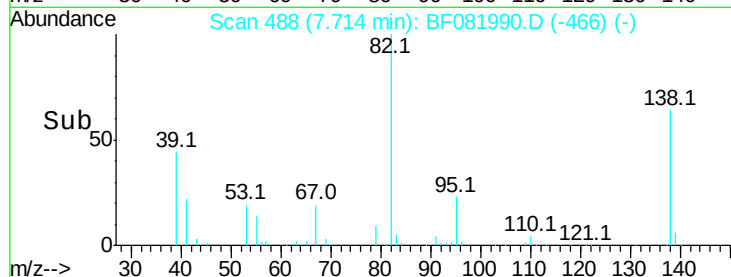
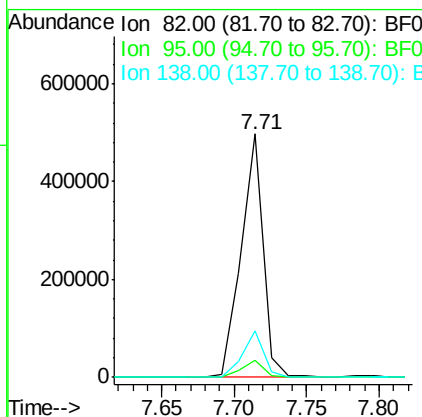
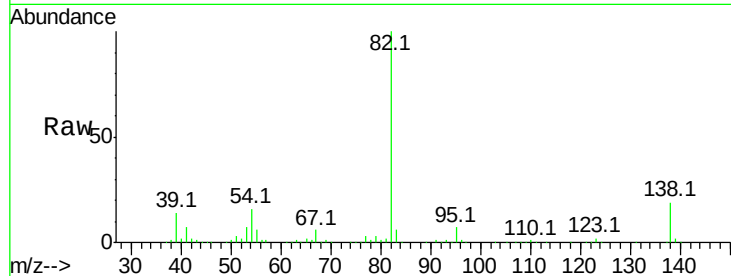
ClientSampleId :

OS-SB-24(16-18)MS

Tot Ion	82	Resp	521326
Ion Ratio	Lower	Upper	
82	100		
95	7.0	4.0	6.0#
138	19.2	18.3	27.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 49.54 ng

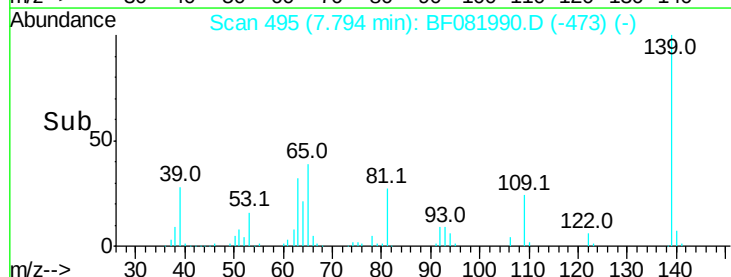
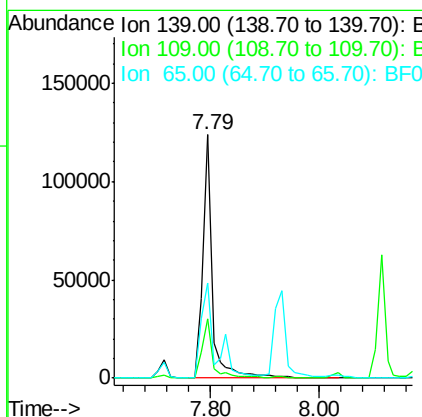
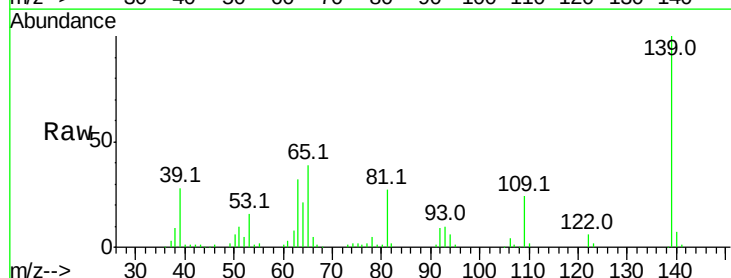
RT: 7.79 min Scan# 495

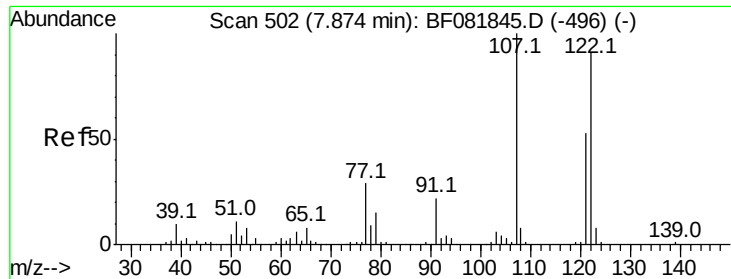
Delta R.T. -0.05 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Tgt Ion	139	Resp	148885
Ion Ratio	Lower	Upper	
139	100		
109	24.5	11.0	16.4#
65	39.2	24.7	37.1#





#27

2,4-Dimethylphenol

Concen: 42.86 ng

RT: 7.83 min Scan# 498

Delta R.T. -0.05 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Instrument :

BNA_F

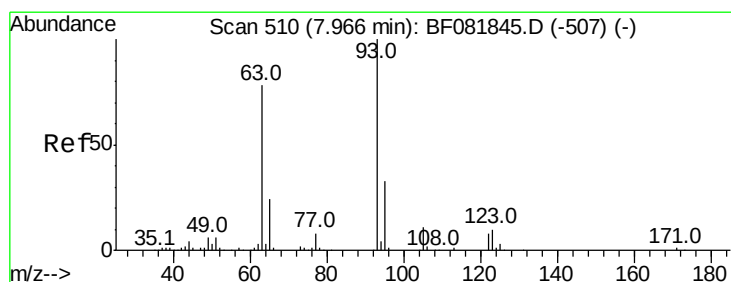
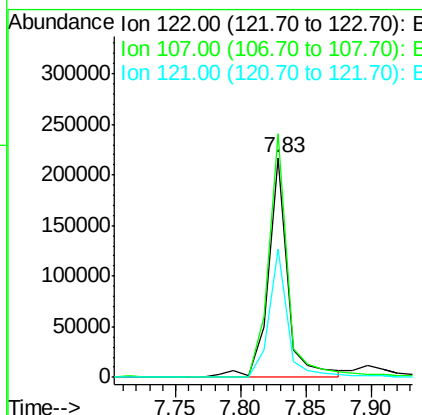
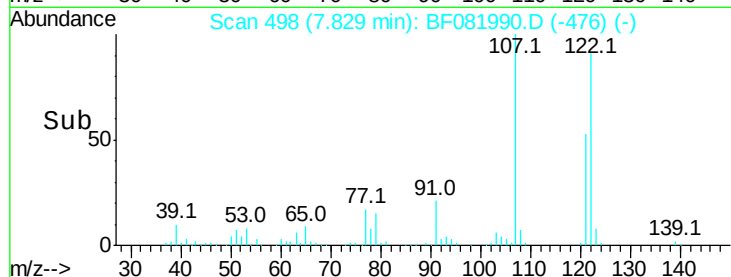
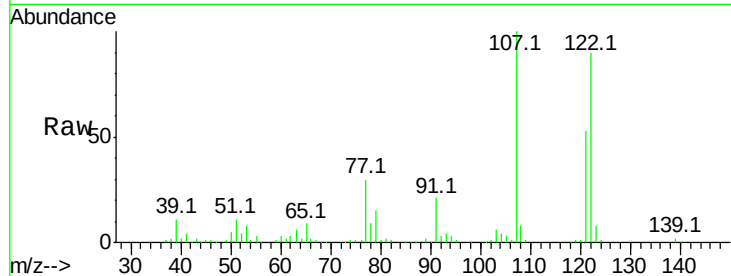
ClientSampleId :

OS-SB-24(16-18)MS

Tot Ion:	122	Resp:	226605
Ion Ratio	Lower	Upper	
122	100		
107	110.7	71.8	107.6#
121	58.4	42.3	63.5

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 45.36 ng

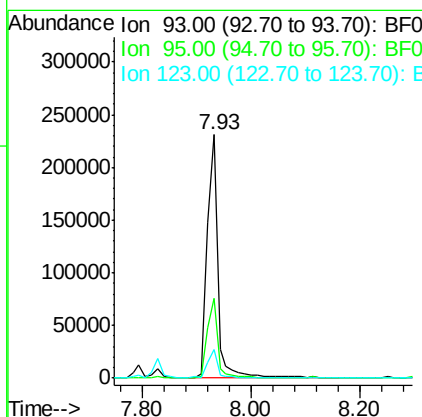
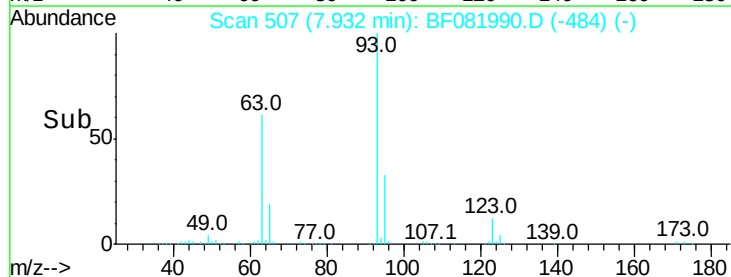
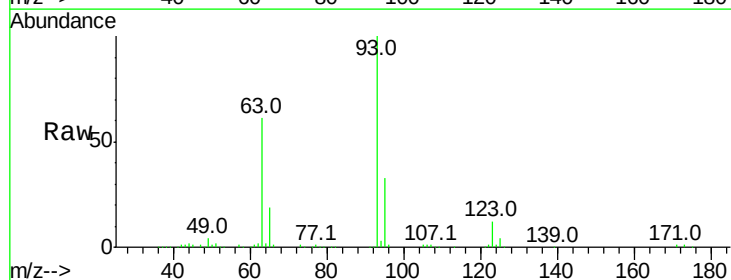
RT: 7.93 min Scan# 507

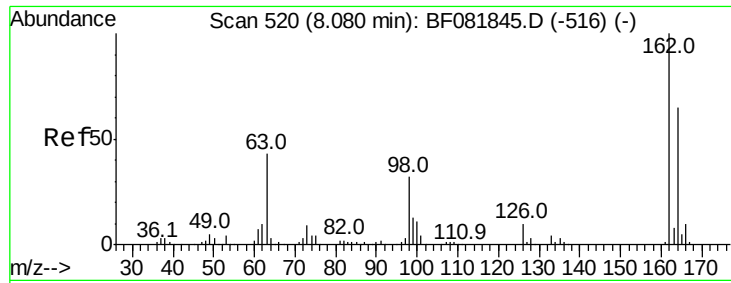
Delta R.T. -0.03 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Tgt Ion:	93	Resp:	307859
Ion Ratio	Lower	Upper	
93	100		
95	32.7	27.5	41.3
123	11.9	13.7	20.5#





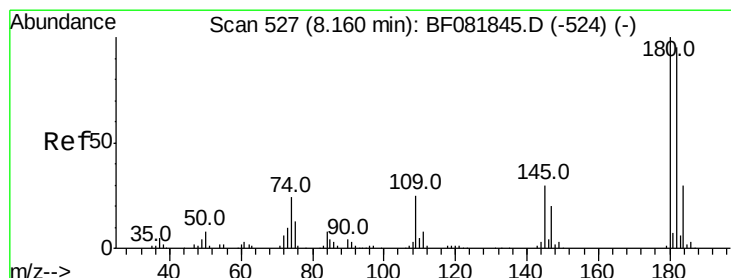
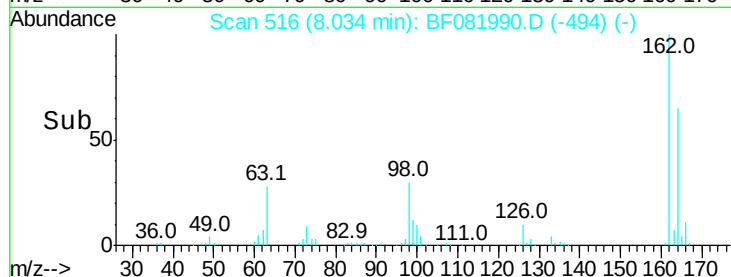
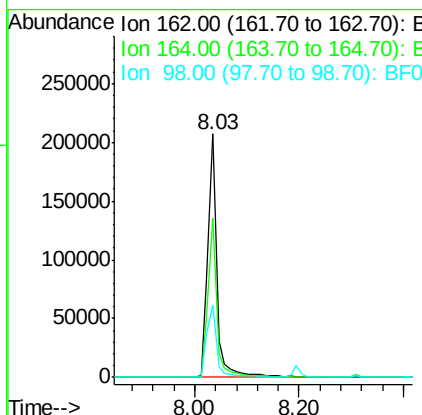
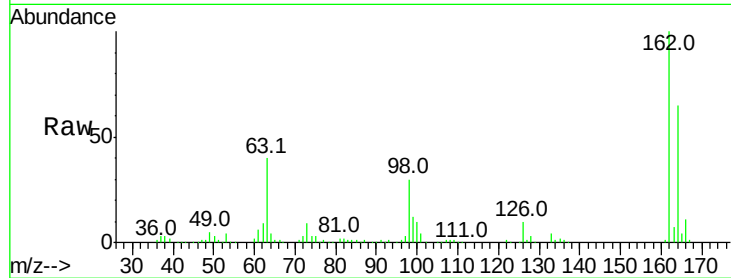
#29
 2,4-Dichlorophenol
 Concen: 49.10 ng
 RT: 8.03 min Scan# 516
 Delta R.T. -0.05 min
 Lab File: BF081990.D
 Acq: 2 Oct 2015 20:35

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-24(16-18)MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	251741		
164	65.5	44.9	84.9	
98	29.6	13.0	53.0	

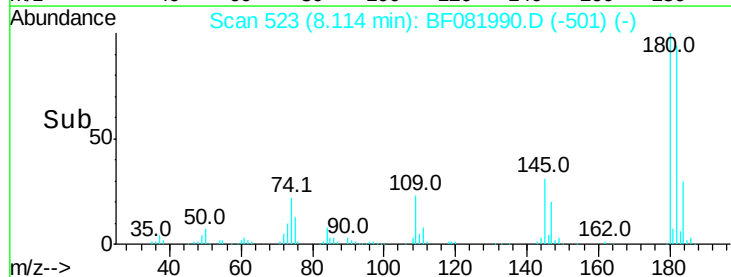
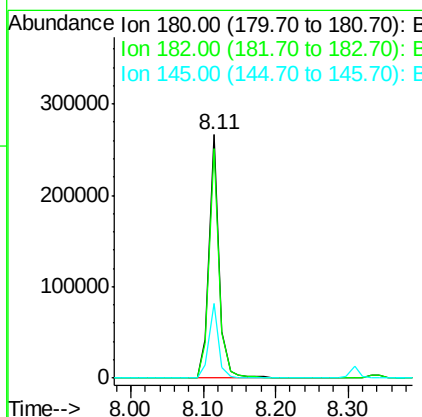
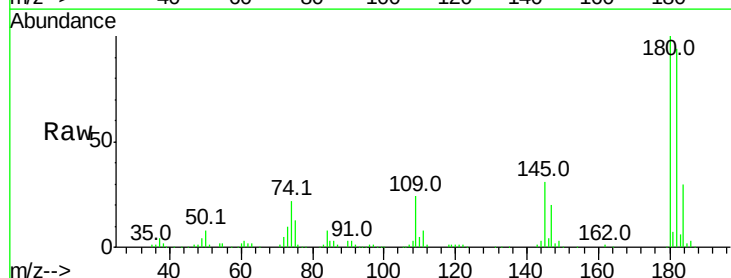
Manual Integrations
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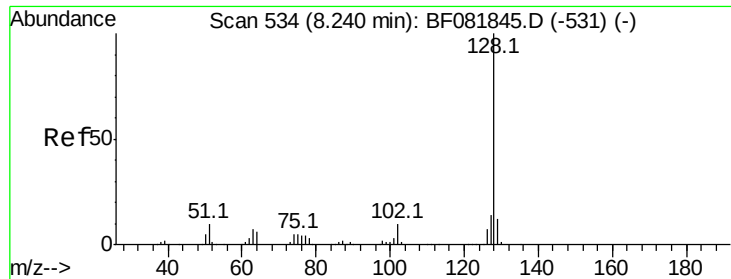
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 10/5/2015 6:28:45 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 45.61 ng
 RT: 8.11 min Scan# 523
 Delta R.T. -0.05 min
 Lab File: BF081990.D
 Acq: 2 Oct 2015 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	261063		
182	94.0	77.1	115.7	
145	30.8	23.3	34.9	





#31

Naphthalene

Concen: 43.16 ng/mL

RT: 8.19 min Scan# 530

Delta R.T. -0.05 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Instrument :

BNA_F

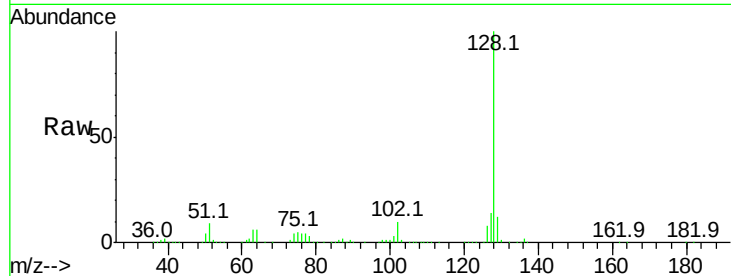
ClientSampleId :

OS-SB-24(16-18)MS

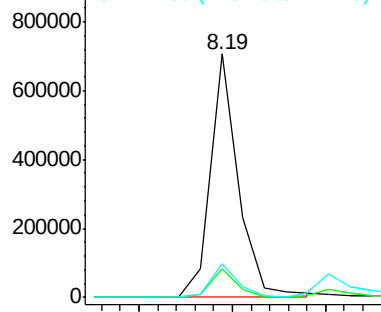
Tot Ion	Ratio	Resp	Lower	Upper
128	100	735037		
129	11.7	8.4	12.6	
127	13.7	9.9	14.9	

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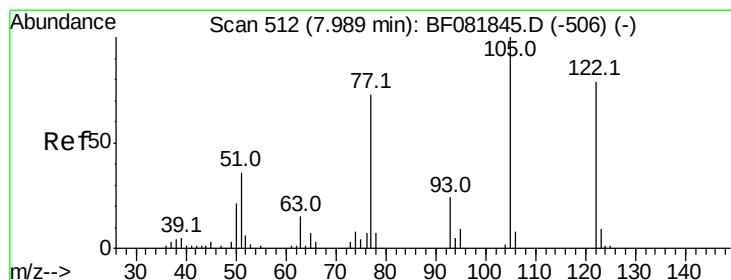
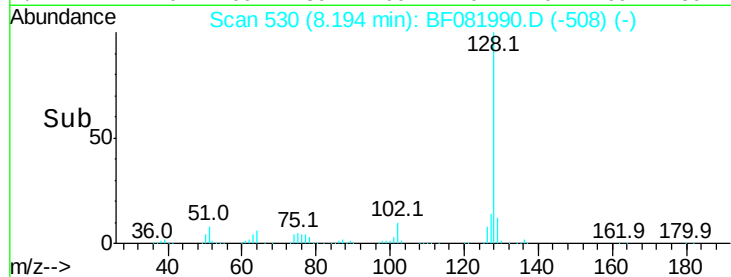
MMDADODA
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Time-->



#32

Benzoic acid

Concen: 15.93 ng/mL

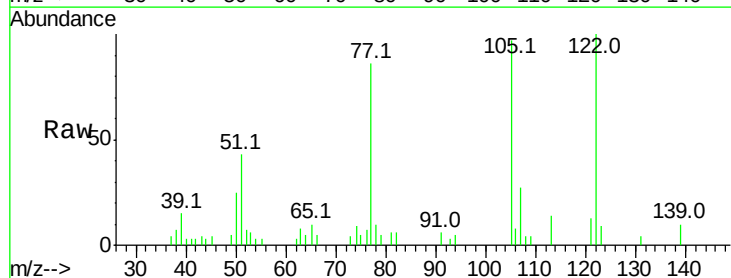
RT: 7.90 min Scan# 504

Delta R.T. -0.09 min

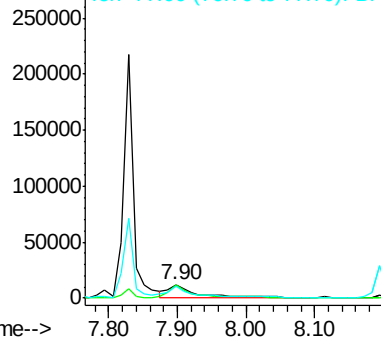
Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

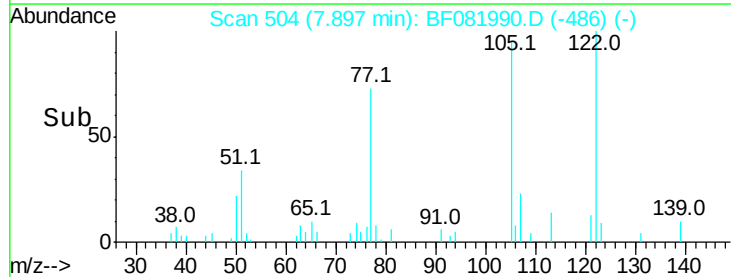
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	32061		
105	97.5	76.1	116.1	
77	86.2	40.5	80.5	

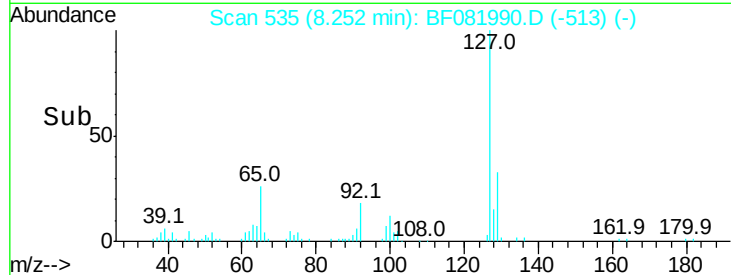
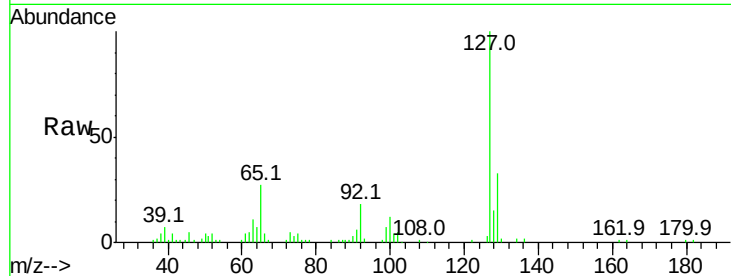
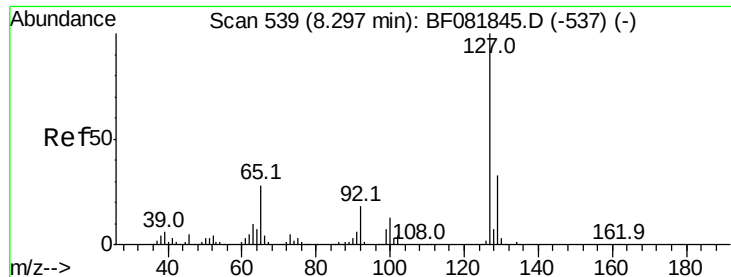


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0



Time-->





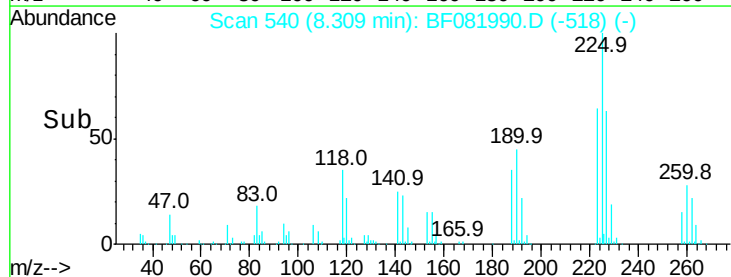
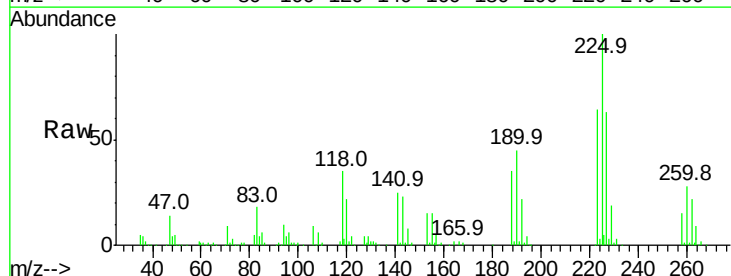
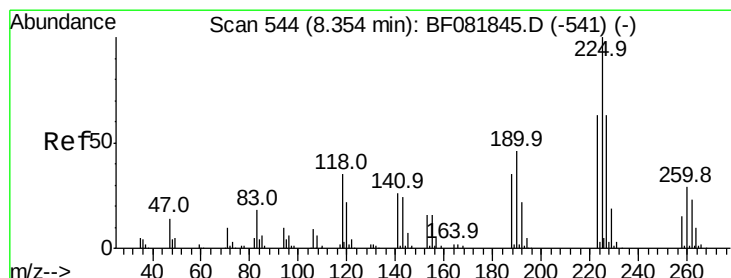
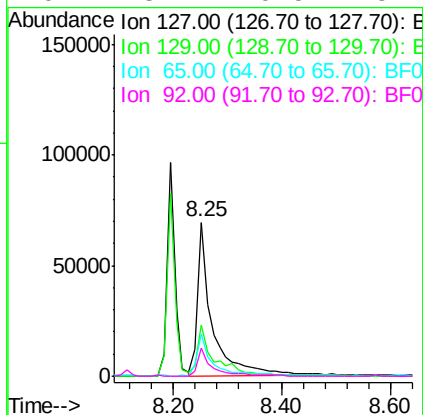
#33
4-Chloroaniline
Concen: 17.37 ng
RT: 8.25 min Scan# 535
Delta R.T. -0.05 min
Lab File: BF081990.D
Acq: 2 Oct 2015 20:35

Instrument :
BNA_F
ClientSampleId :
OS-SB-24(16-18)MS

Manual Integrations
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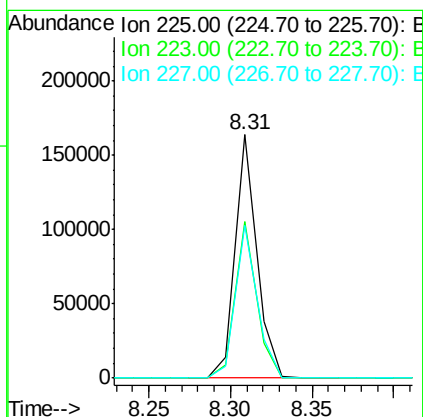
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10/5/2015 6:28:45 PM

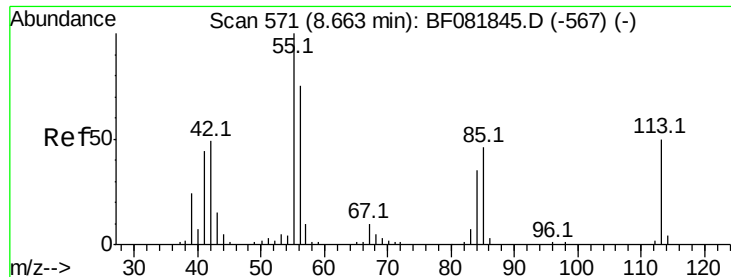
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.0	25.8	38.6	
65	27.4	17.9	26.9	
92	18.2	10.5	15.7	



#34
Hexachlorobutadiene
Concen: 44.04 ng
RT: 8.31 min Scan# 540
Delta R.T. -0.05 min
Lab File: BF081990.D
Acq: 2 Oct 2015 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.1	50.2	75.2	
227	63.0	52.2	78.2	





#35

Caprolactam

Concen: 47.22 ng/ml

RT: 8.62 min Scan# 567

Delta R.T. -0.05 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Instrument :

BNA_F

ClientSampleId :

OS-SB-24(16-18)MS

Tot Ion:113 Resp: 67014

Ion Ratio Lower Upper

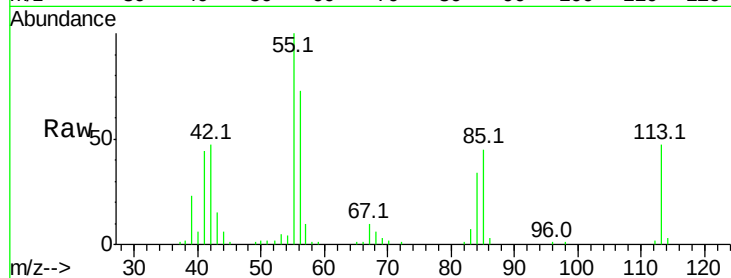
113 100

55 214.5 152.4 192.4#

56 155.8 104.6 144.6#

Manual Integrations
APPROVED

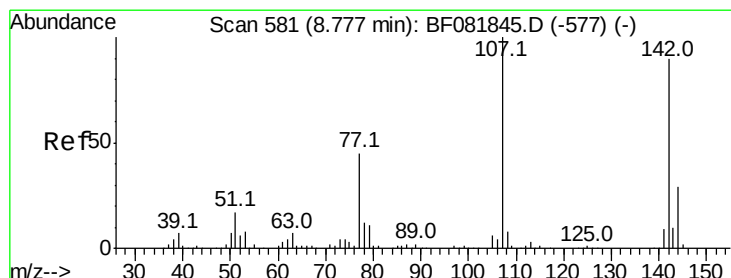
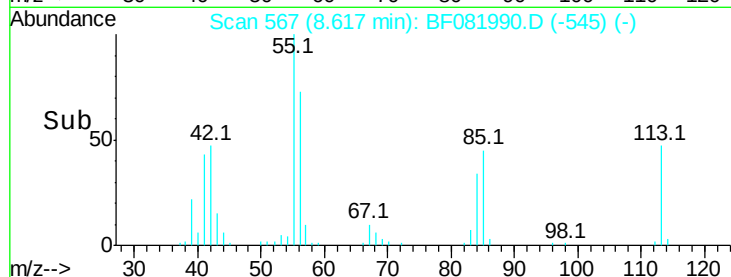
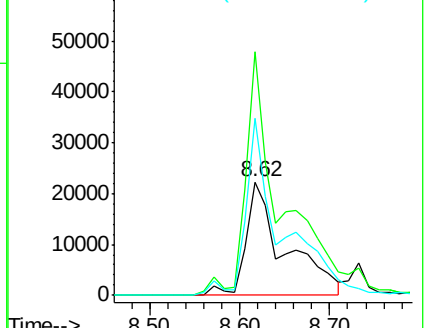
MMDADODA
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 48.36 ng/ml

RT: 8.73 min Scan# 577

Delta R.T. -0.05 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

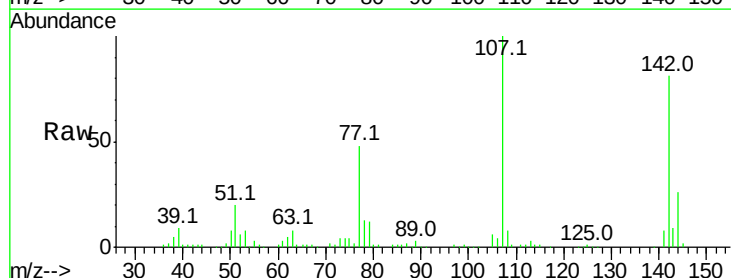
Tgt Ion:107 Resp: 242416

Ion Ratio Lower Upper

107 100

144 26.3 25.4 38.0

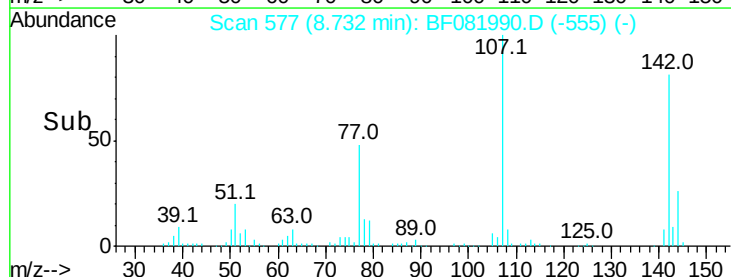
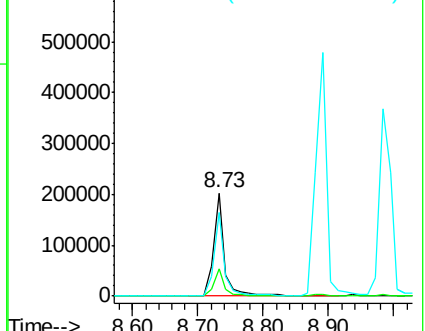
142 80.6 77.3 115.9

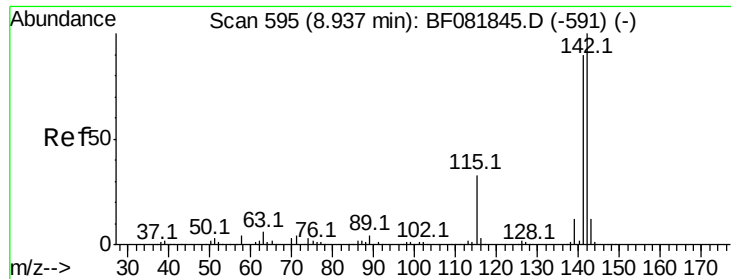


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





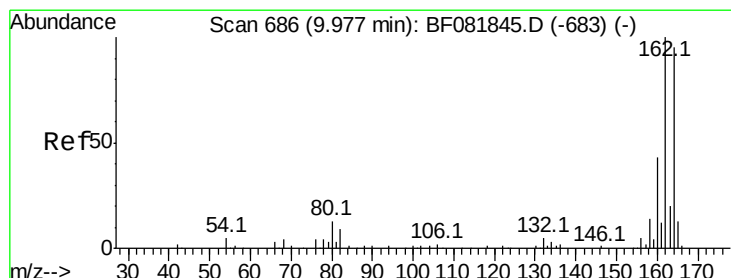
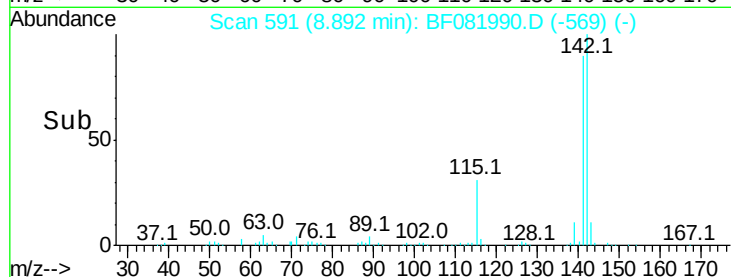
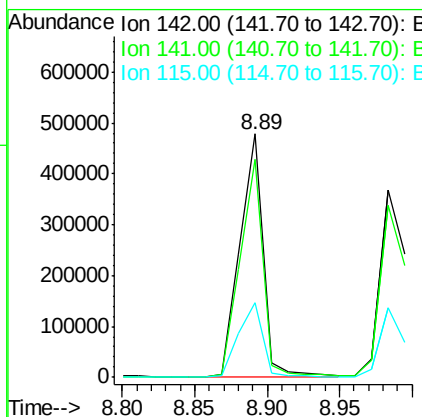
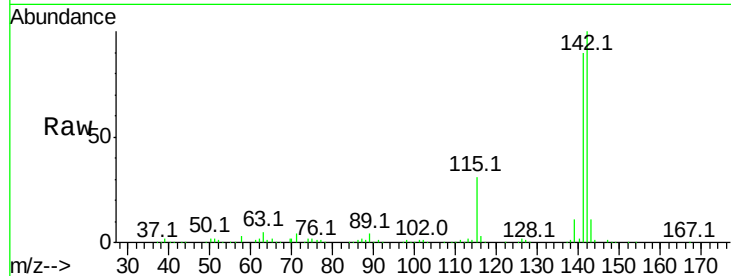
#37
2-Methylnaphthalene
Concen: 46.02 ng
RT: 8.89 min Scan# 591
Delta R.T. -0.05 min
Lab File: BF081990.D
Acq: 2 Oct 2015 20:35

Instrument :
BNA_F
ClientSampleId :
OS-SB-24(16-18)MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	535010		
141	89.5	67.5	101.3	
115	30.7	18.2	27.2#	

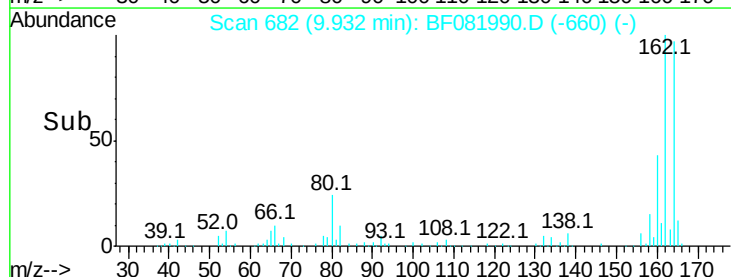
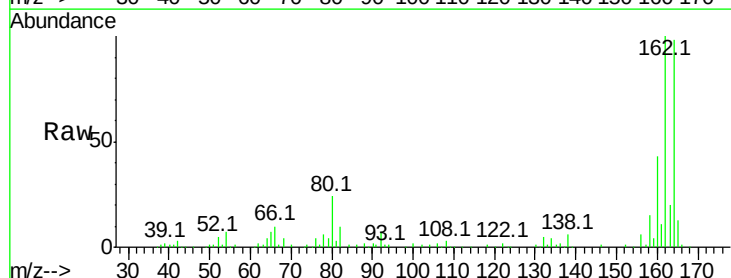
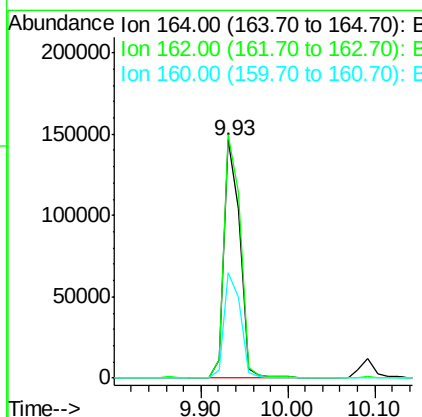
Manual Integrations
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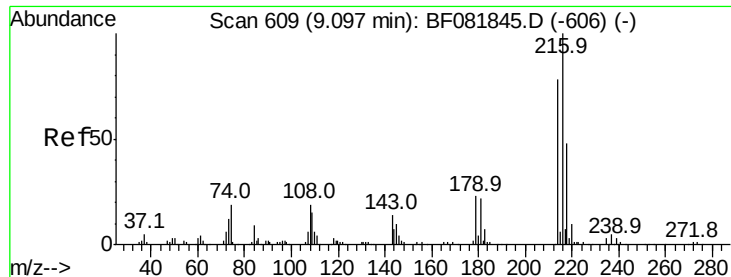
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF081990.D
Acq: 2 Oct 2015 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	187983		
162	102.1	75.2	112.8	
160	44.3	31.5	47.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.68 ng

RT: 9.05 min Scan# 605

Delta R.T. -0.05 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Instrument :

BNA_F

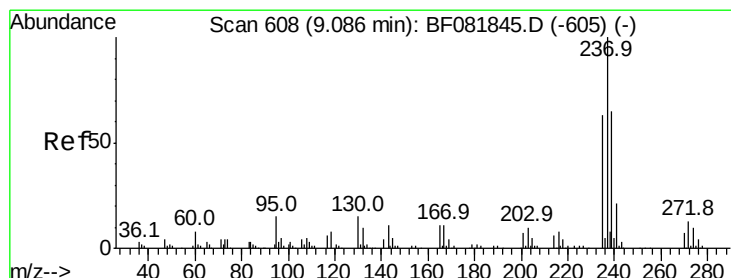
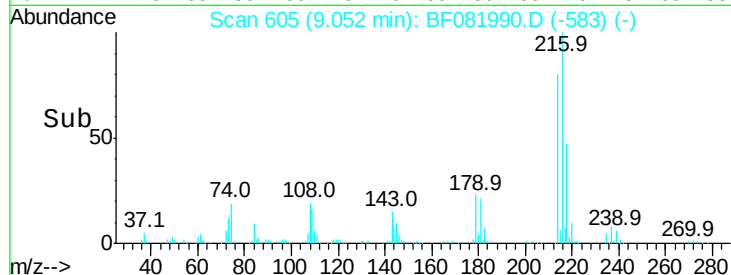
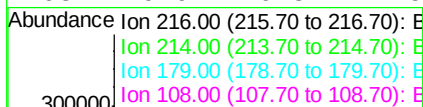
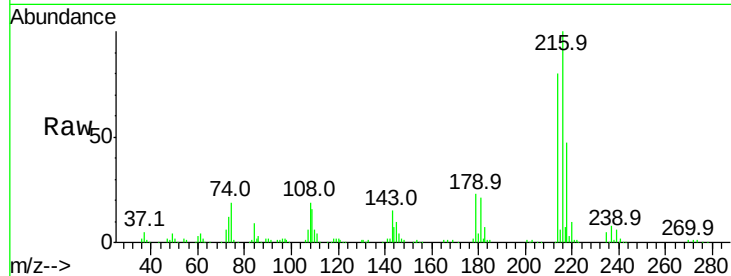
ClientSampleId :

OS-SB-24(16-18)MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	252081		
214	79.3	63.5	95.3	
179	21.0	16.6	24.8	
108	19.9	16.3	24.5	

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 93.38 ng

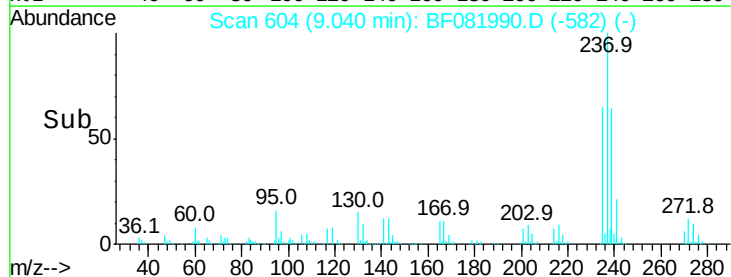
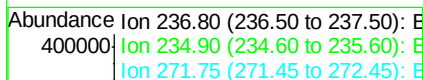
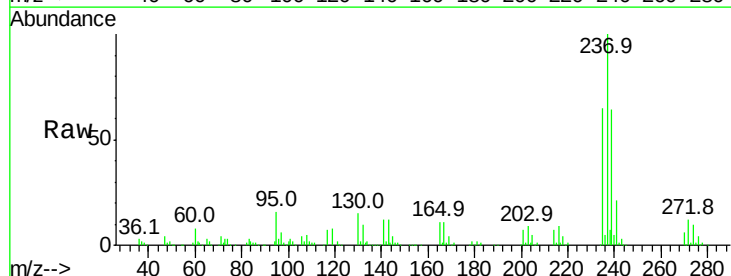
RT: 9.04 min Scan# 604

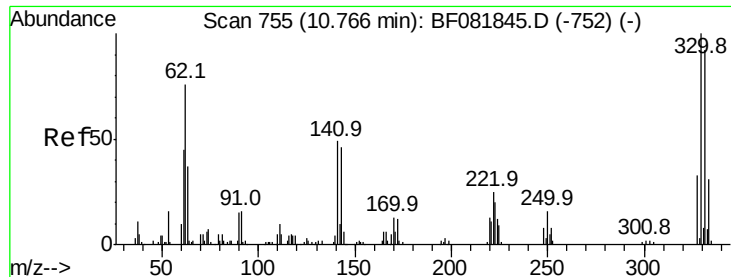
Delta R.T. -0.04 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	277524		
235	64.6	42.0	82.0	
272	11.7	0.0	36.1	





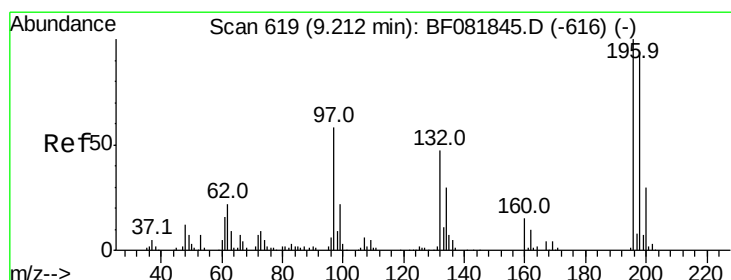
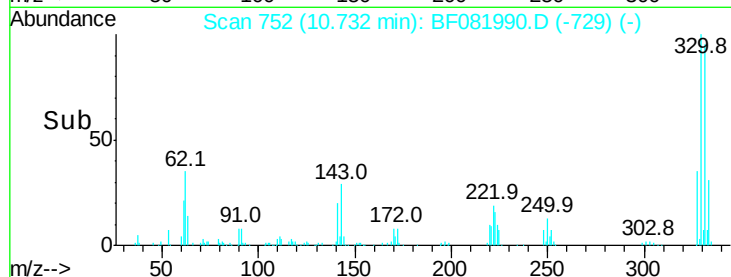
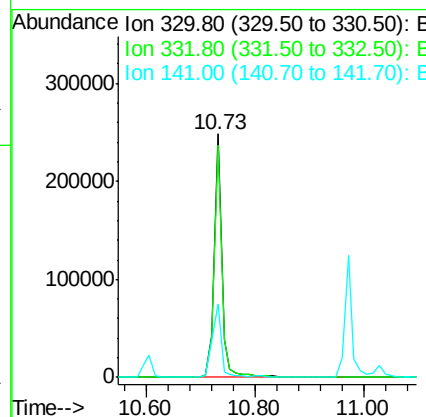
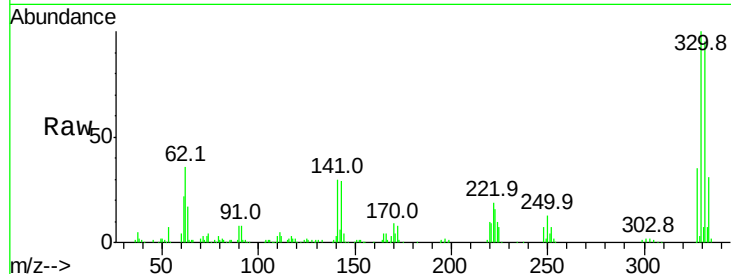
#41
 2,4,6-Tribromophenol
 Concen: 130.27 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF081990.D
 Acq: 2 Oct 2015 20:35

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-24(16-18)MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	248017		
332	96.1	76.6	114.8	
141	34.8	29.7	44.5	

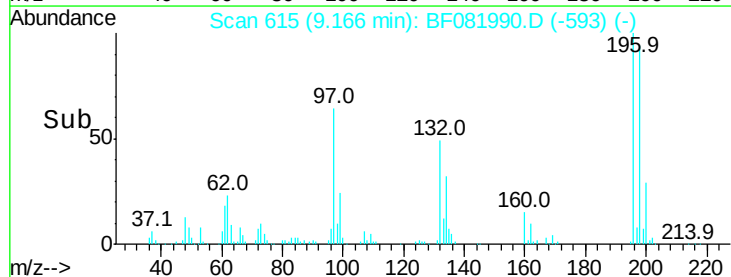
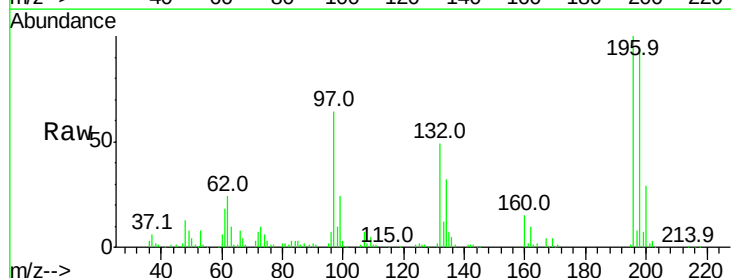
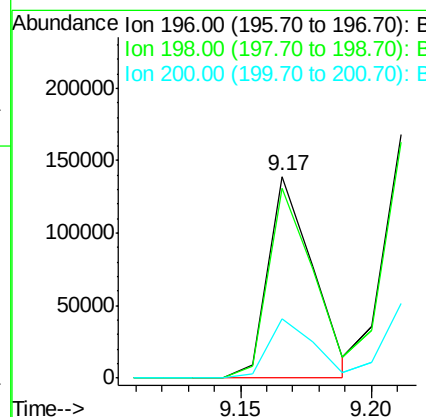
Manual Integrations
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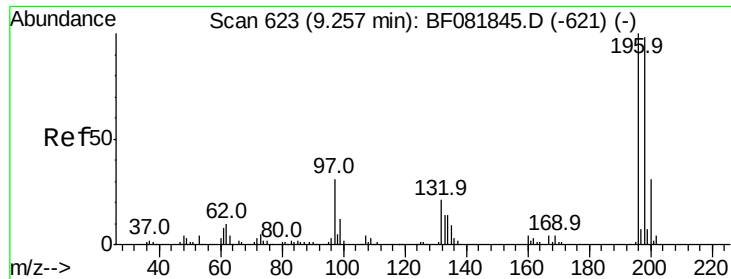
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 10/5/2015 6:28:45 PM



#42
 2,4,6-Trichlorophenol
 Concen: 41.59 ng
 RT: 9.17 min Scan# 615
 Delta R.T. -0.05 min
 Lab File: BF081990.D
 Acq: 2 Oct 2015 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	164559		
198	94.1	75.7	113.5	
200	29.3	23.9	35.9	





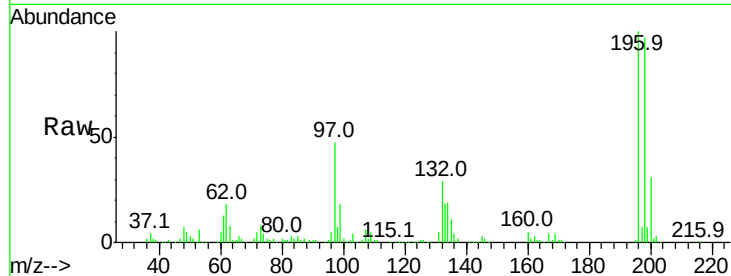
#43
 2,4,5-Trichlorophenol
 Concen: 48.04 ng
 RT: 9.21 min Scan# 619
 Delta R.T. -0.05 min
 Lab File: BF081990.D
 Acq: 2 Oct 2015 20:35

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-24(16-18)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	195477		
198	96.7	75.4	113.0	
97	47.4	33.3	49.9	
132	28.9	24.6	37.0	

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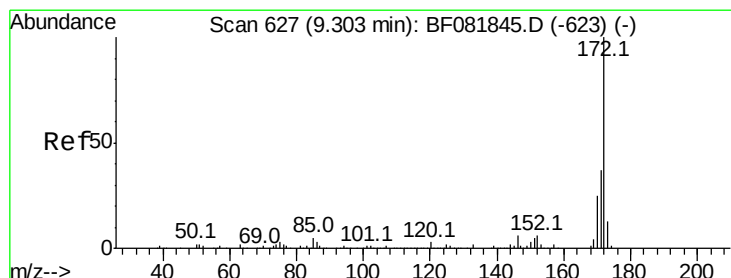
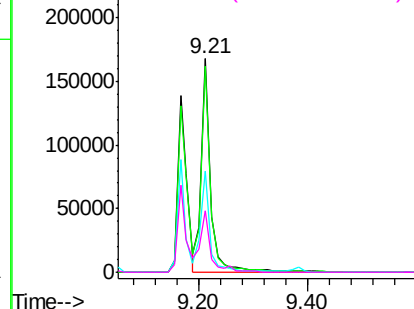
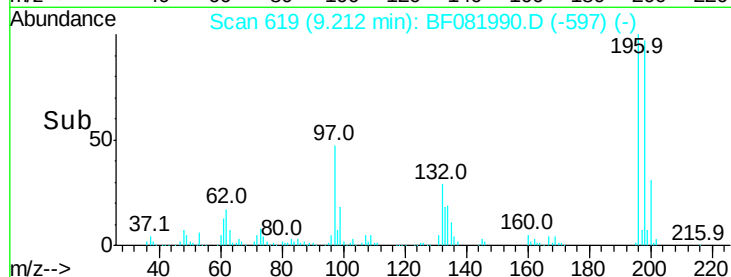
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

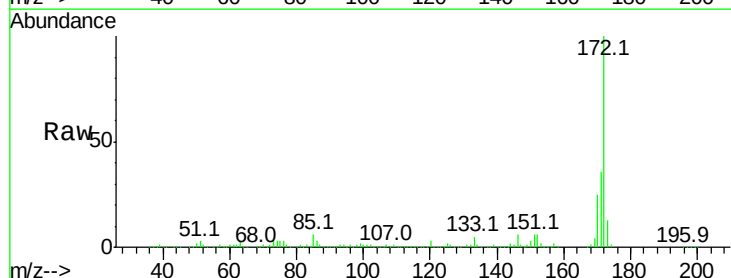
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 94.36 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081990.D
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Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1037525		
171	36.4	26.1	39.1	
170	24.6	17.4	26.2	

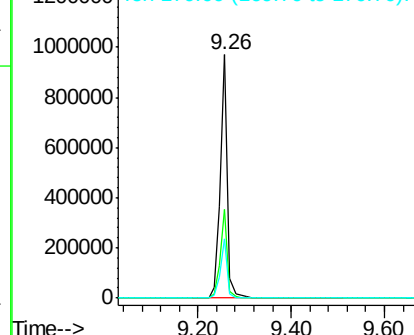
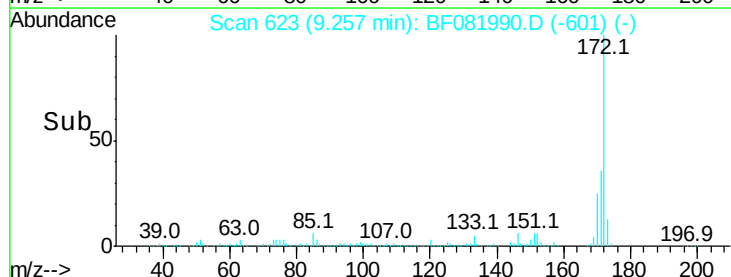


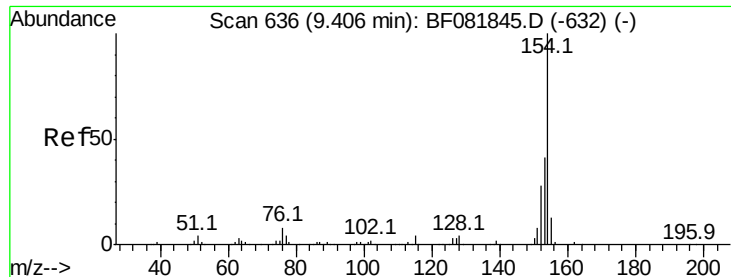
Abundance

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: 46.37 ng

RT: 9.36 min Scan# 632

Delta R.T. -0.05 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Instrument :

BNA_F

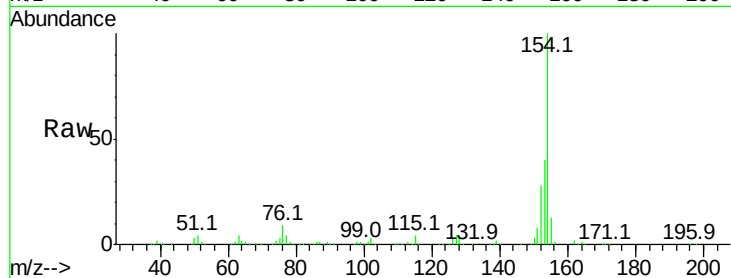
ClientSampleId :

OS-SB-24(16-18)MS

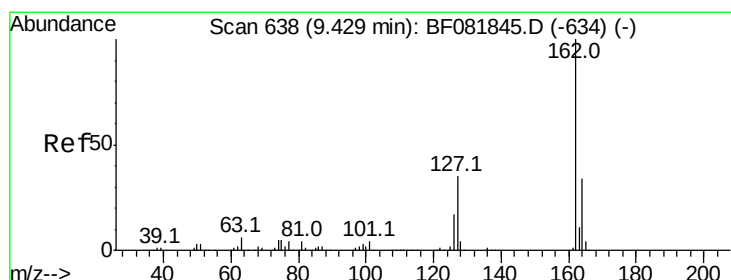
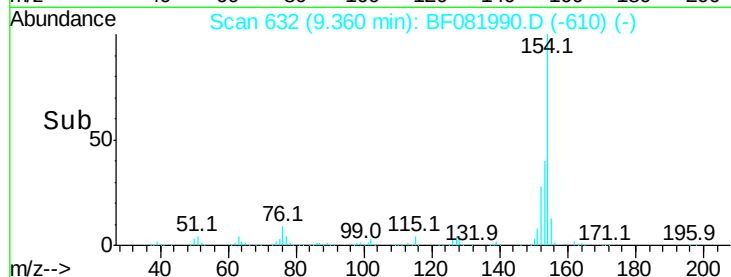
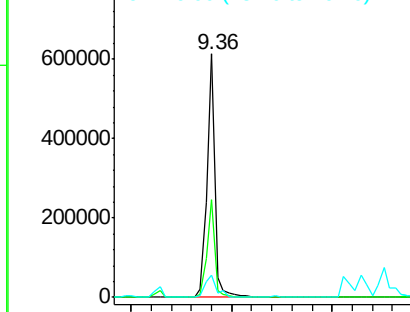
Tot Ion:	154	Resp:	672542
Ion Ratio	Lower	Upper	
154	100		
153	40.3	17.1	57.1
76	9.3	0.0	31.6

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 46.12 ng

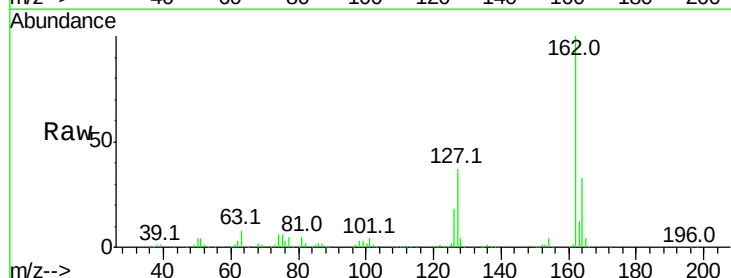
RT: 9.38 min Scan# 634

Delta R.T. -0.05 min

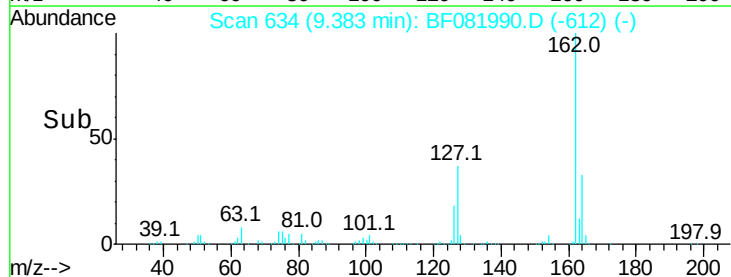
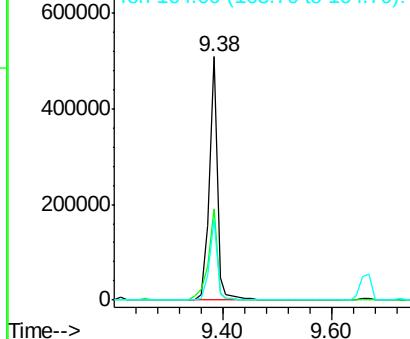
Lab File: BF081990.D

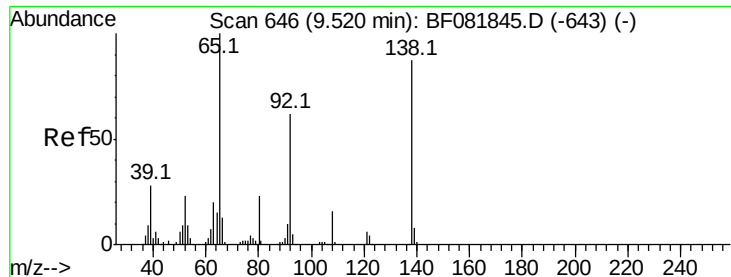
Acq: 2 Oct 2015 20:35

Tgt Ion:	162	Resp:	525159
Ion Ratio	Lower	Upper	
162	100		
127	37.3	27.6	41.4
164	33.1	25.4	38.2



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: 45.89 ng

RT: 9.49 min Scan# 643

Delta R.T. -0.03 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Instrument :

BNA_F

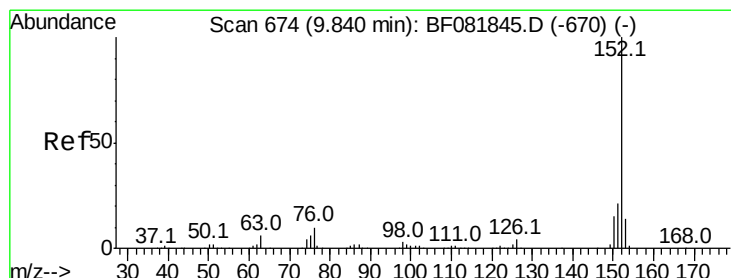
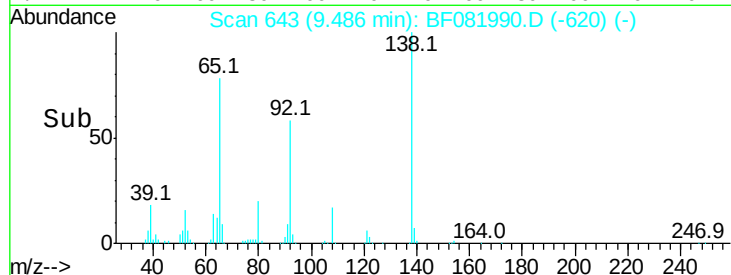
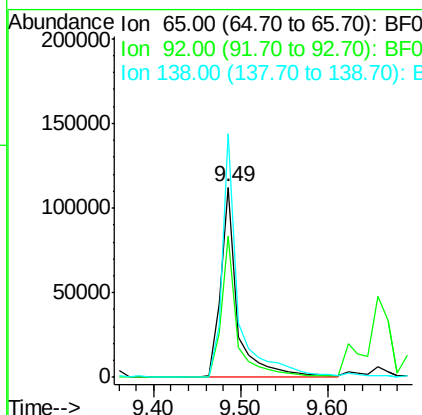
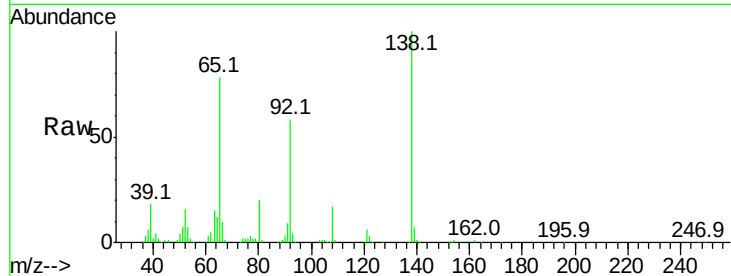
ClientSampleId :

OS-SB-24(16-18)MS

Tot Ion:	65	Resp:	153418
Ion Ratio	Lower	Upper	
65	100		
92	74.3	55.4	83.0
138	128.2	115.5	173.3

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#48

Acenaphthylene

Concen: 42.26 ng

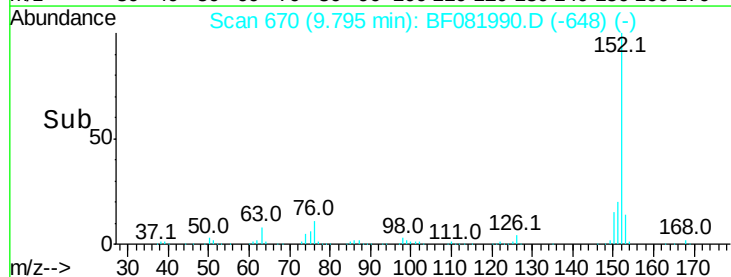
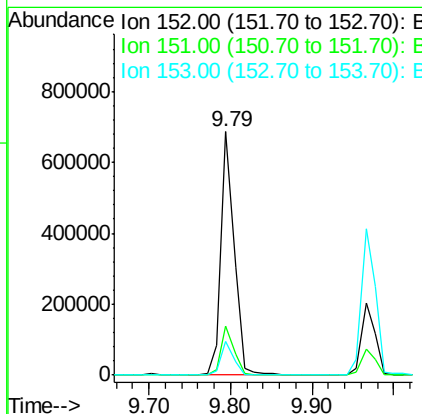
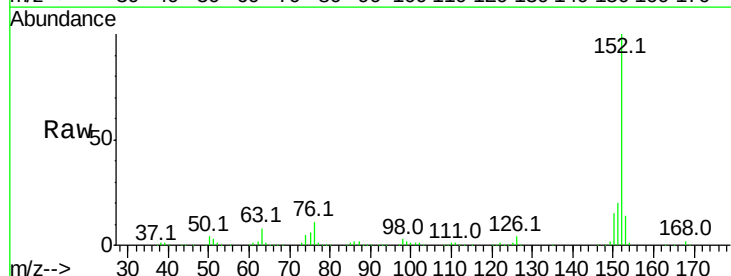
RT: 9.79 min Scan# 670

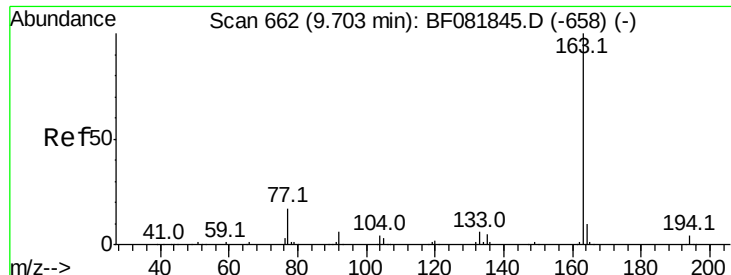
Delta R.T. -0.05 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Tgt Ion:	152	Resp:	770180
Ion Ratio	Lower	Upper	
152	100		
151	20.2	14.6	22.0
153	13.8	10.3	15.5





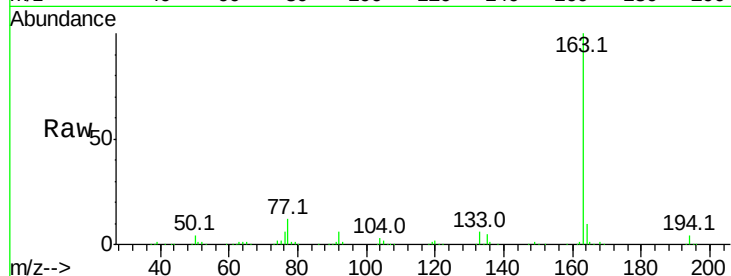
#49
Dimethylphthalate
Concen: 59.46 ng
RT: 9.67 min Scan# 659
Delta R.T. -0.03 min
Lab File: BF081990.D
Acq: 2 Oct 2015 20:35

Instrument :
BNA_F
ClientSampleId :
OS-SB-24(16-18)MS

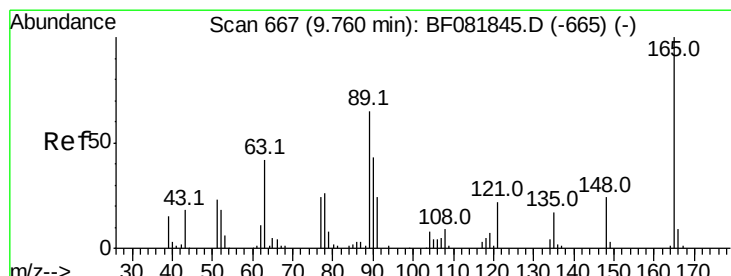
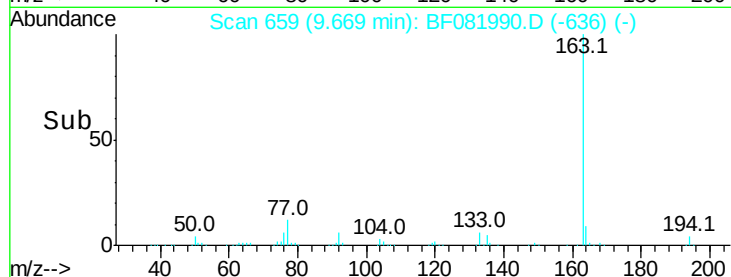
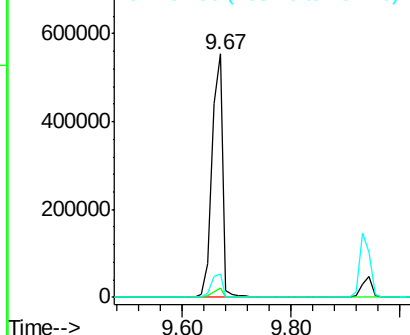
Tot Ion	Ratio	Resp	Lower	Upper
163	100	771514		
194	4.0		4.4	6.6#
164	9.8		8.3	12.5

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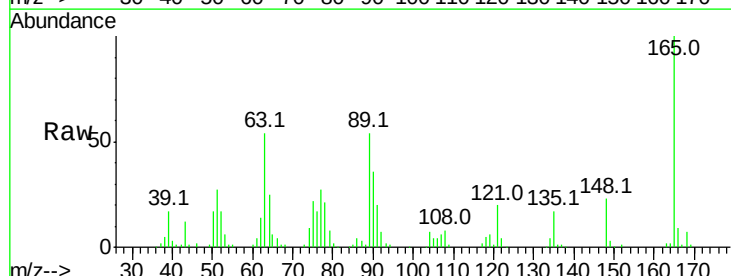


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

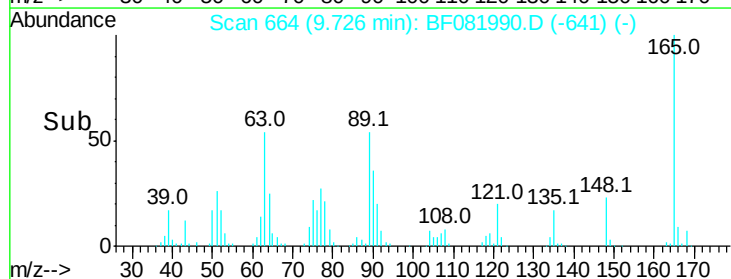
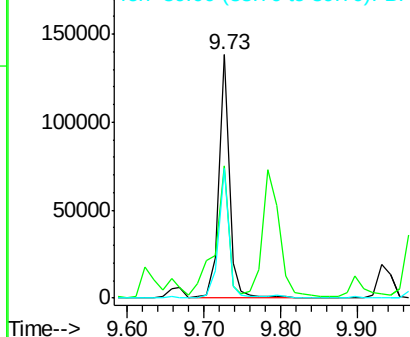


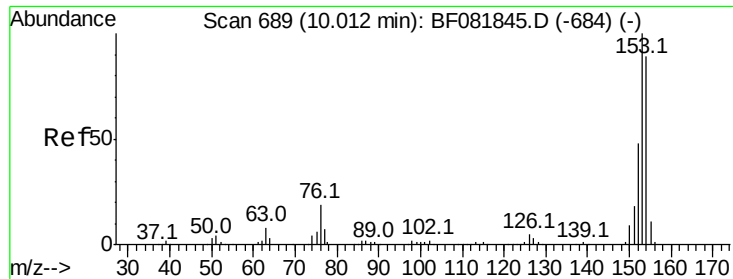
#50
2,6-Dinitrotoluene
Concen: 47.19 ng
RT: 9.73 min Scan# 664
Delta R.T. -0.03 min
Lab File: BF081990.D
Acq: 2 Oct 2015 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	132946		
63	54.2		32.3	48.5#
89	53.5		28.6	43.0#



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





#51

Acenaphthene

Concen: 46.92 ng

RT: 9.97 min Scan# 685

Delta R.T. -0.05 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Instrument :

BNA_F

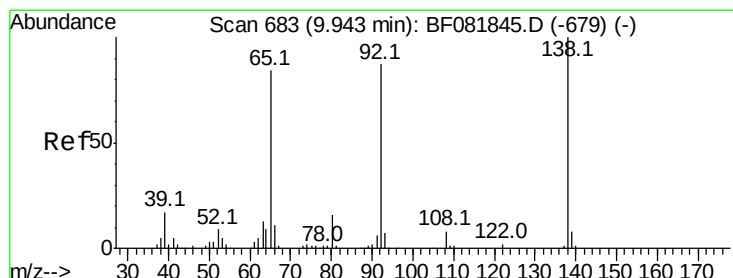
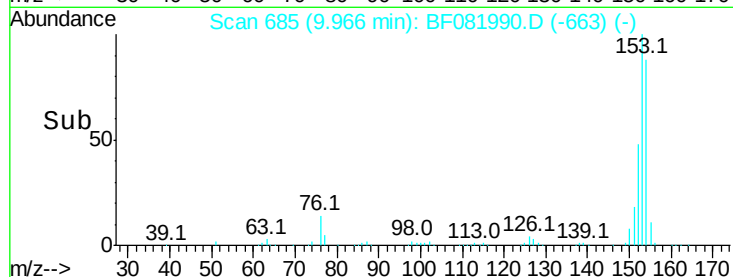
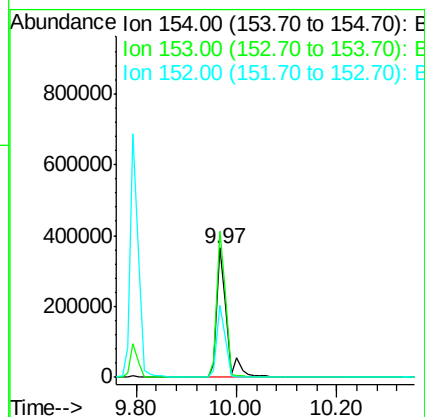
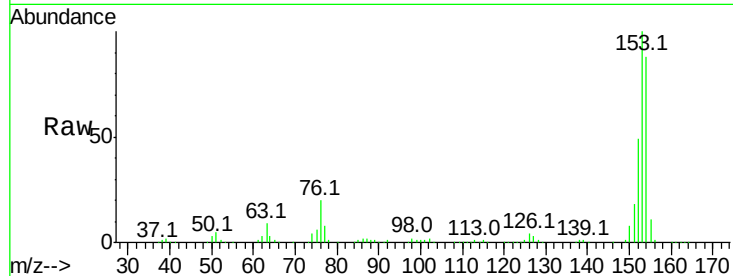
ClientSampleId :

OS-SB-24(16-18)MS

Tot Ion:	154	Resp:	507799
Ion Ratio	Lower	Upper	
154	100		
153	113.3	82.1	123.1
152	55.3	37.9	56.9

Manual Integrations
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#52

3-Nitroaniline

Concen: 29.91 ng

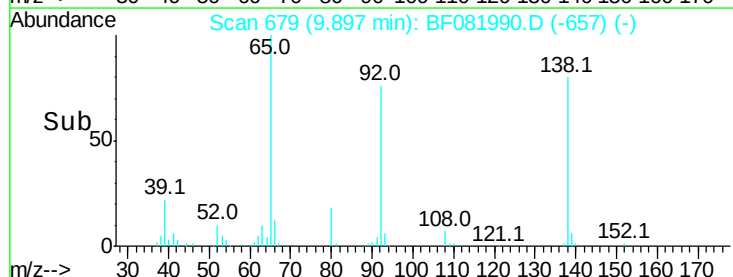
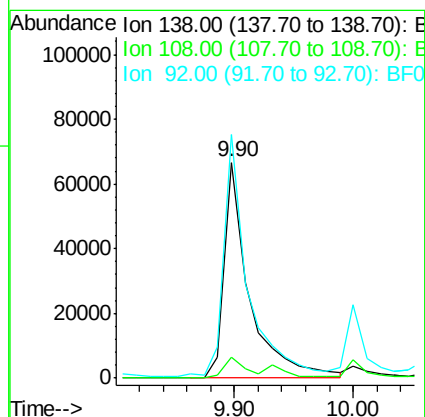
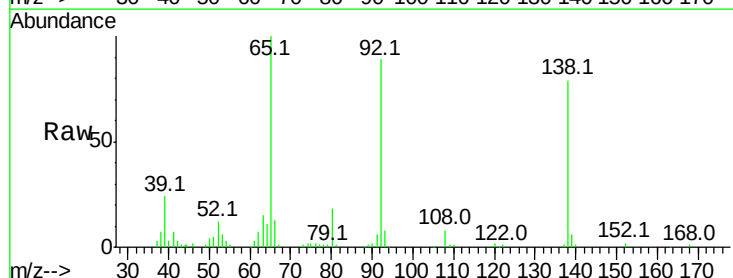
RT: 9.90 min Scan# 679

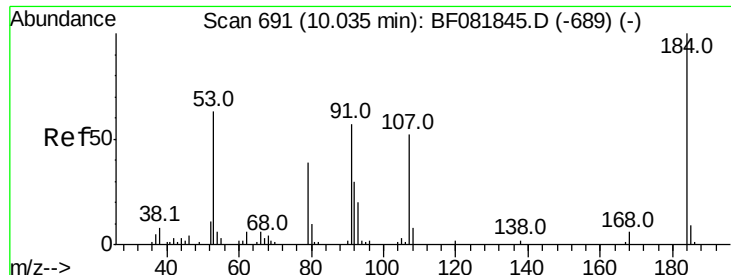
Delta R.T. -0.05 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Tgt Ion:	138	Resp:	97494
Ion Ratio	Lower	Upper	
138	100		
108	9.6	5.7	8.5#
92	112.9	67.7	101.5#





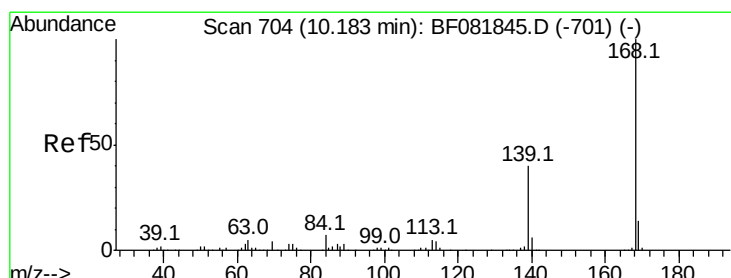
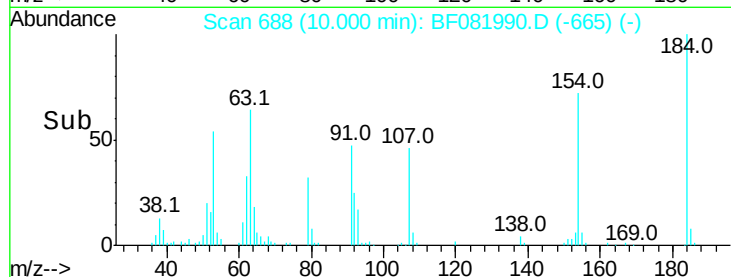
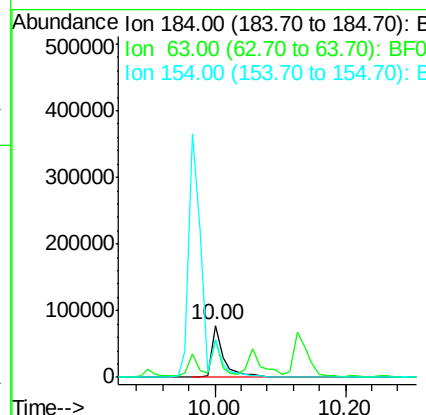
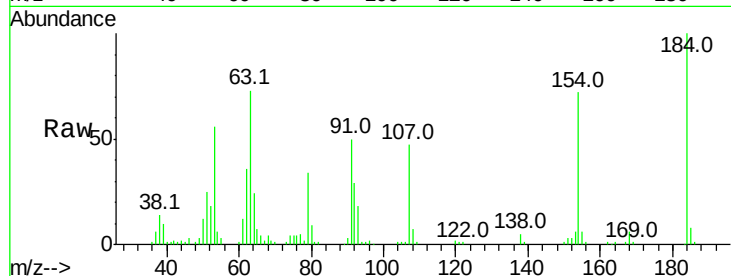
#53
 2,4-Dinitrophenol
 Concen: 75.88 ng
 RT: 10.00 min Scan# 688
 Delta R.T. -0.03 min
 Lab File: BF081990.D
 Acq: 2 Oct 2015 20:35

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-24(16-18)MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	100389		
63	73.0	35.4	53.2#	
154	71.5	32.2	48.4#	

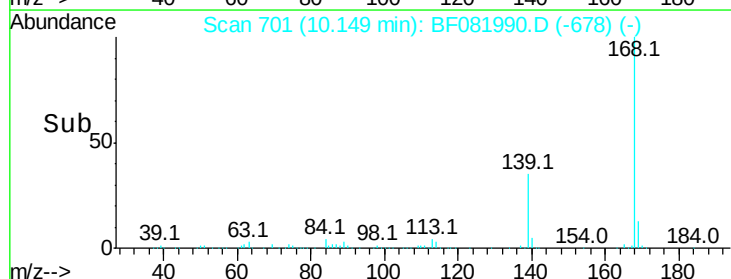
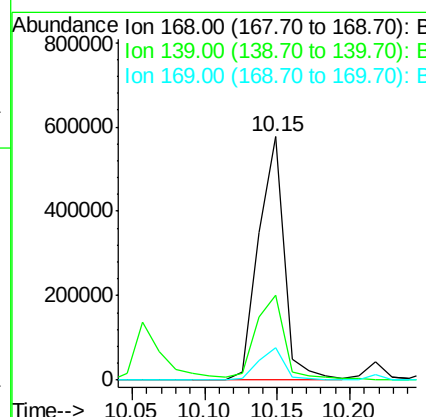
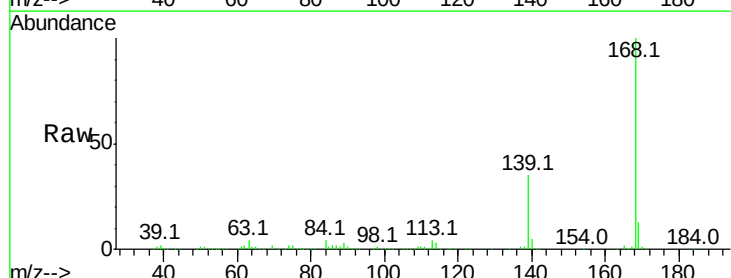
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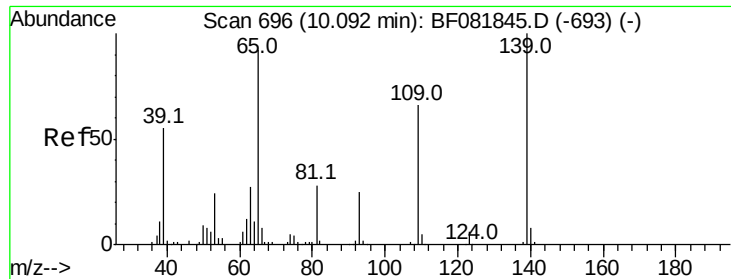
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#54
 Dibenzofuran
 Concen: 46.38 ng
 RT: 10.15 min Scan# 701
 Delta R.T. -0.03 min
 Lab File: BF081990.D
 Acq: 2 Oct 2015 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	709454		
139	34.9	24.2	36.2	
169	13.2	10.6	15.8	





#55

4-Nitrophenol

Concen: 81.42 ng

RT: 10.06 min Scan# 693

Delta R.T. -0.03 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Instrument :

BNA_F

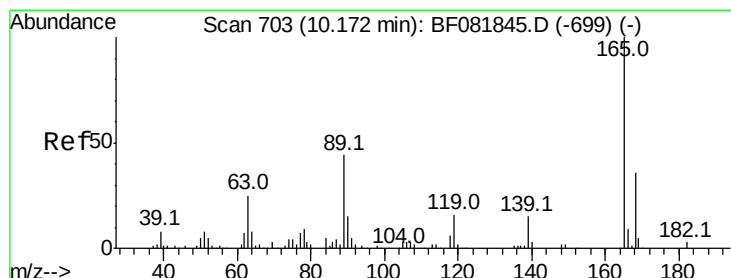
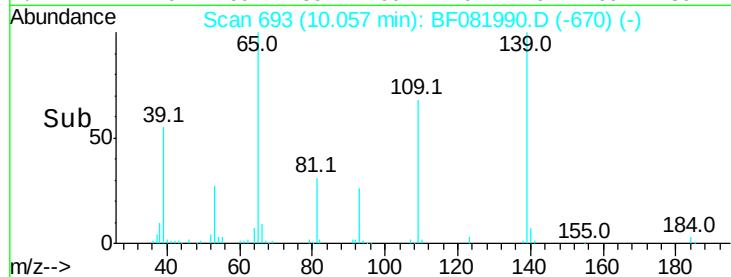
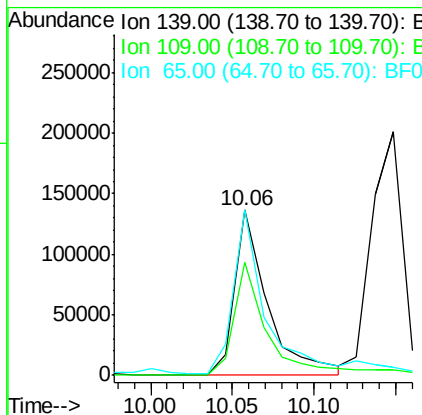
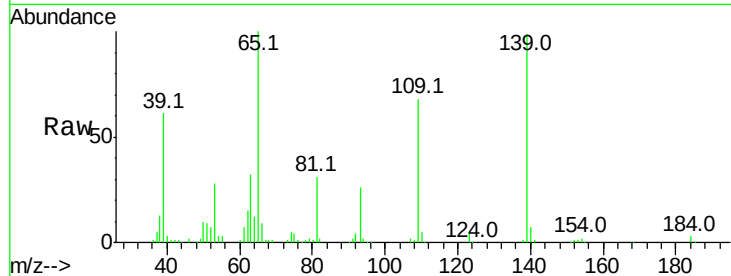
ClientSampleId :

OS-SB-24(16-18)MS

Tot Ion:	139	Resp:	191741
Ion Ratio	Lower	Upper	
139	100		
109	68.8	12.7	52.7#
65	100.6	45.9	85.9#

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#56

2,4-Dinitrotoluene

Concen: 46.75 ng

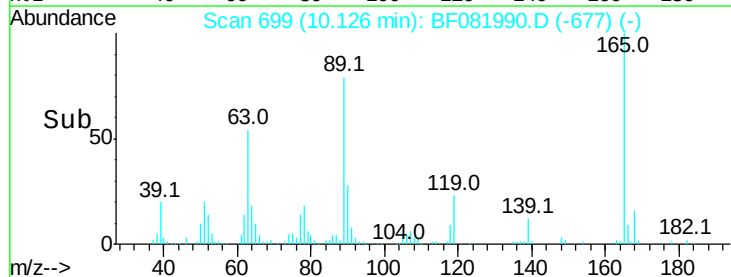
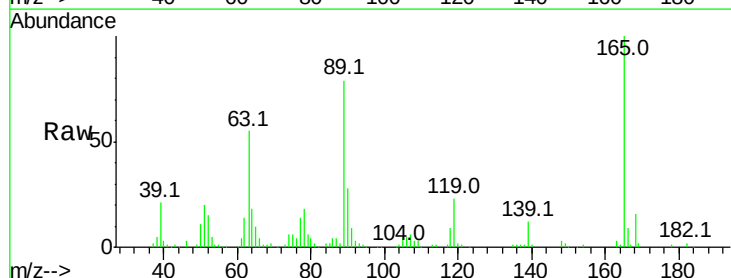
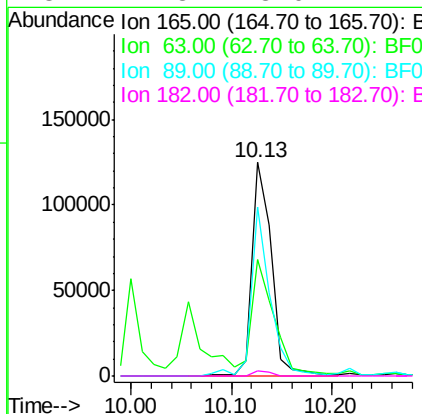
RT: 10.13 min Scan# 699

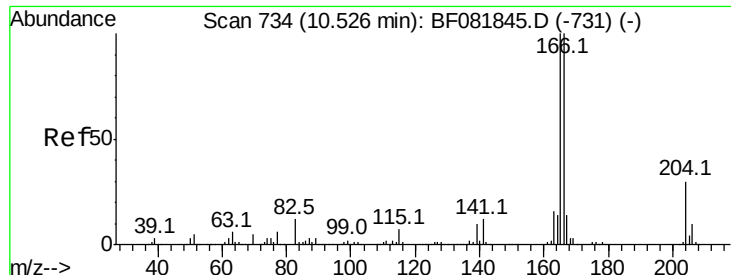
Delta R.T. -0.05 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Tgt Ion:	165	Resp:	167903
Ion Ratio	Lower	Upper	
165	100		
63	54.5	29.8	44.6#
89	79.4	44.5	66.7#
182	2.3	3.0	4.4#





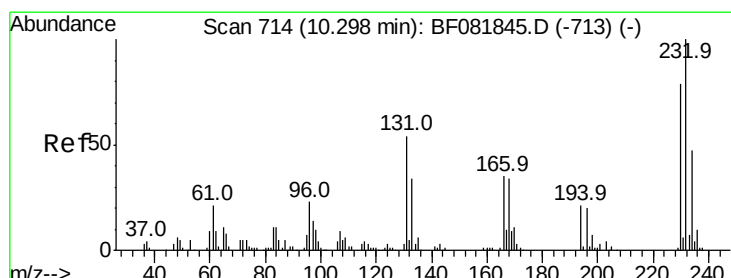
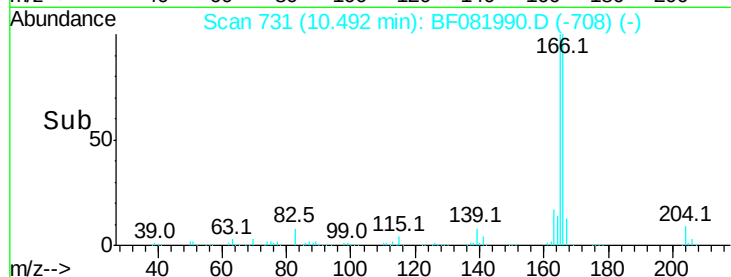
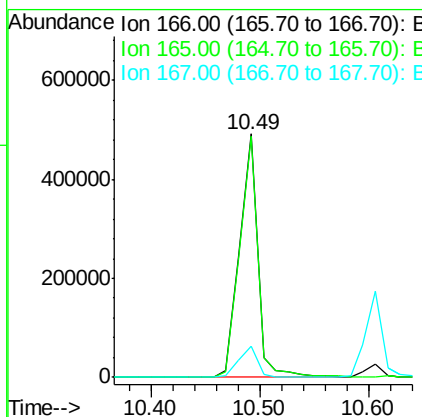
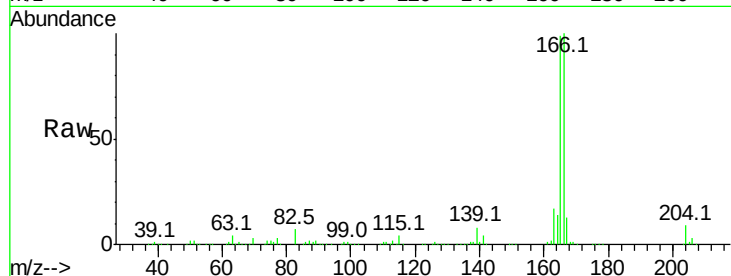
#57
Fluorene
 Concen: 52.05 ng
 RT: 10.49 min Scan# 731
 Delta R.T. -0.03 min
 Lab File: BF081990.D
 Acq: 2 Oct 2015 20:35

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-24(16-18)MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.2	72.6	109.0	
167	12.9	10.6	16.0	

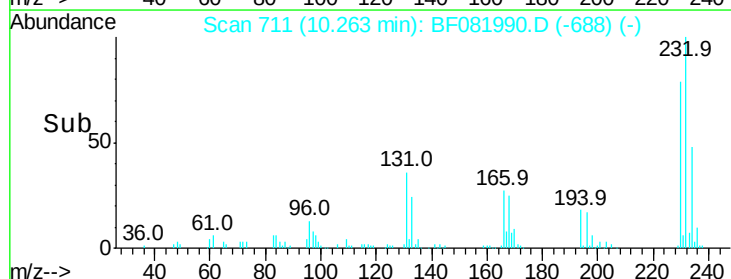
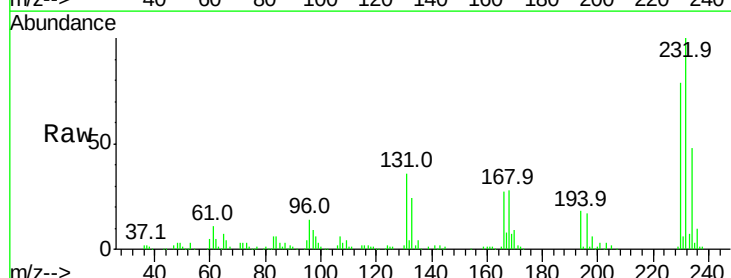
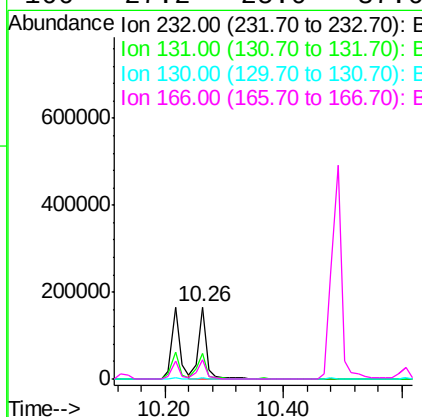
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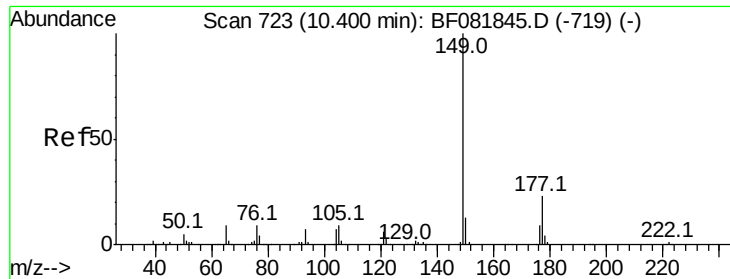
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 52.40 ng
 RT: 10.26 min Scan# 711
 Delta R.T. -0.03 min
 Lab File: BF081990.D
 Acq: 2 Oct 2015 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	39.7	38.5	57.7	
130	1.8	1.8	2.6	
166	27.2	25.0	37.6	





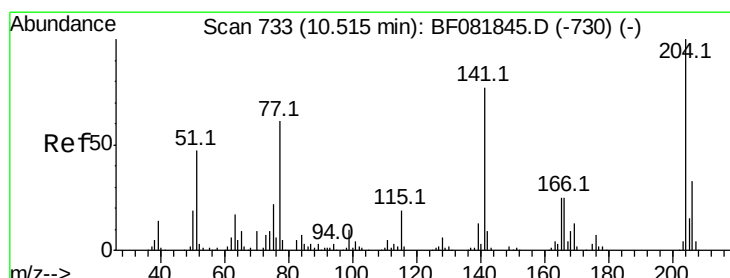
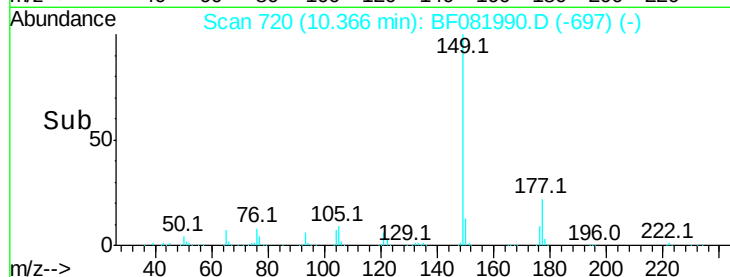
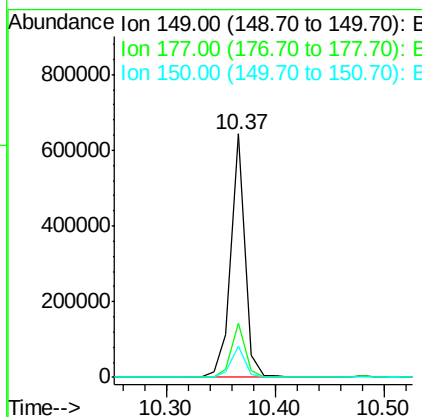
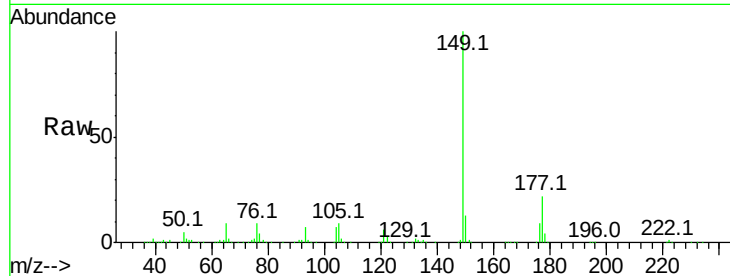
#59
Diethylphthalate
Concen: 47.62 ng
RT: 10.37 min Scan# 720
Delta R.T. -0.03 min
Lab File: BF081990.D
Acq: 2 Oct 2015 20:35

Instrument :
BNA_F
ClientSampleId :
OS-SB-24(16-18)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	577113		
177	22.3	17.5	26.3	
150	12.8	9.4	14.2	

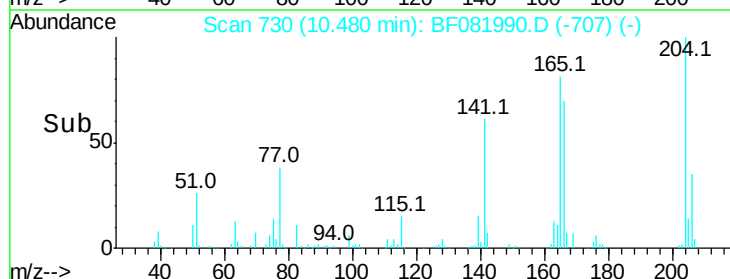
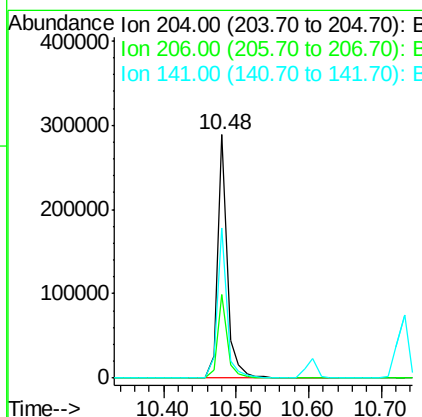
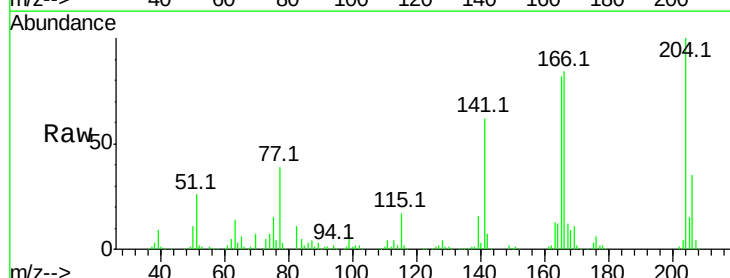
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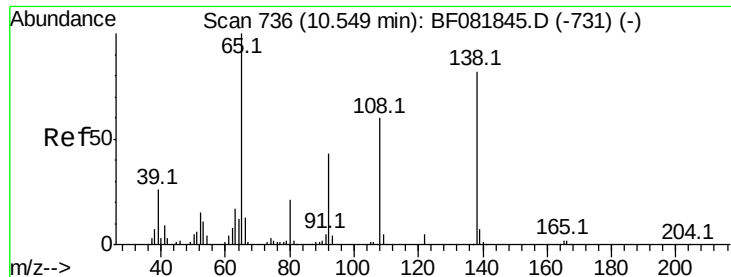
MMDADODA
10/5/2015 6:28:45 PM



#60
4-Chlorophenyl-phenylether
Concen: 47.70 ng
RT: 10.48 min Scan# 730
Delta R.T. -0.03 min
Lab File: BF081990.D
Acq: 2 Oct 2015 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	267136		
206	34.5	24.8	37.2	
141	61.7	42.2	63.4	





#61

4-Nitroaniline

Concen: 42.76 ng

RT: 10.51 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF081990.D

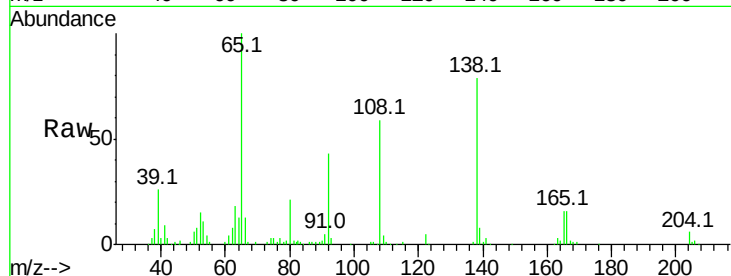
Acq: 2 Oct 2015 20:35

Instrument :

BNA_F

ClientSampleId :

OS-SB-24(16-18)MS



Tot Ion:138 Resp: 139720

Ion Ratio Lower Upper

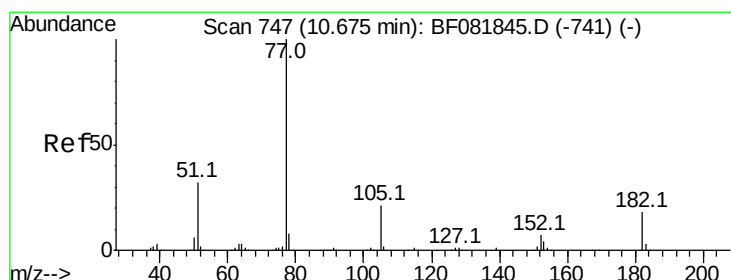
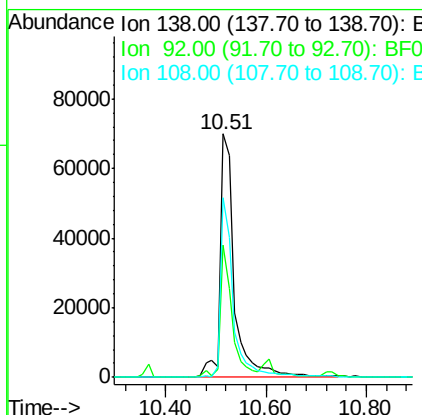
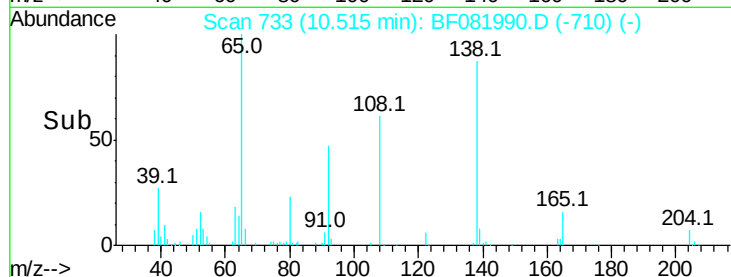
138 100

92 54.3 12.6 52.6#

108 74.0 12.4 52.4#

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10/5/2015 6:28:45 PM



#62

Azobenzene

Concen: 48.77 ng

RT: 10.64 min Scan# 744

Delta R.T. -0.03 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Tgt Ion: 77 Resp: 576852

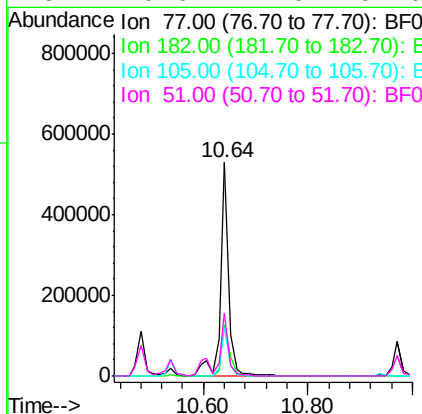
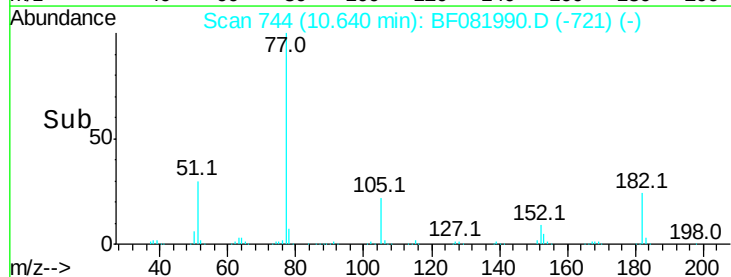
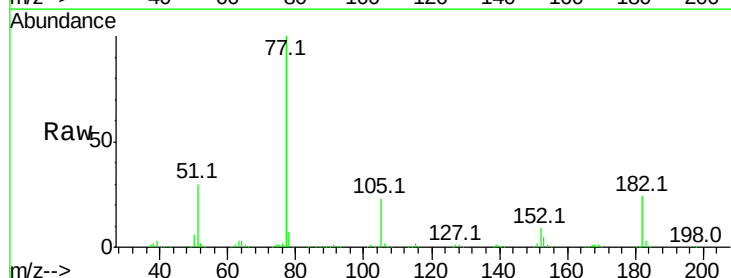
Ion Ratio Lower Upper

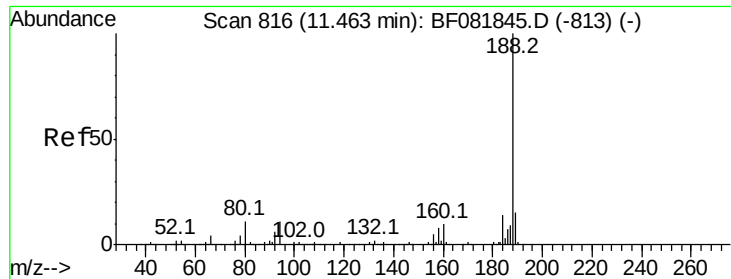
77 100

182 24.3 15.1 55.1

105 23.0 3.4 43.4

51 29.6 12.0 52.0





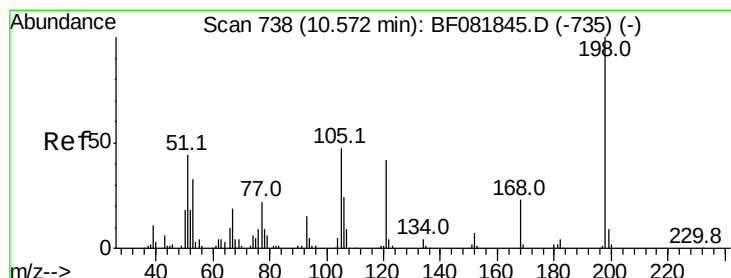
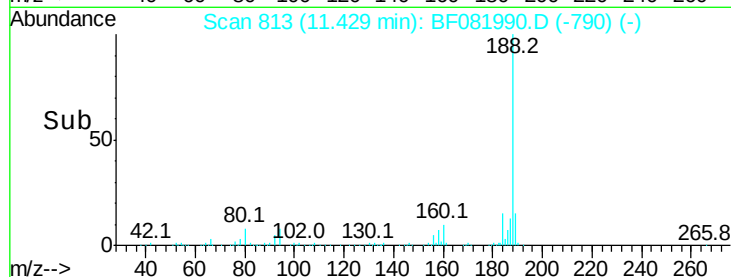
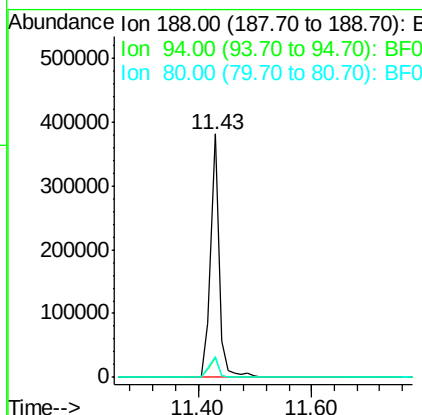
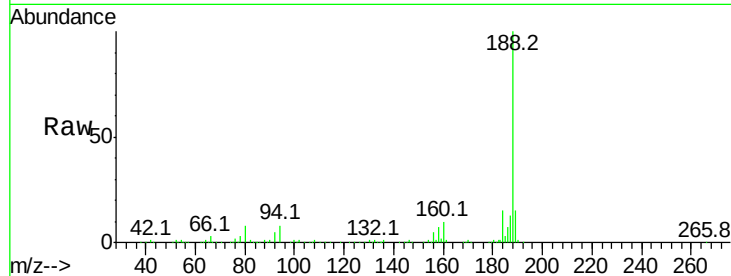
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF081990.D
Acq: 2 Oct 2015 20:35

Instrument :
BNA_F
ClientSampleId :
OS-SB-24(16-18)MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.0	11.1	16.7#	
80	8.3	11.0	16.4#	

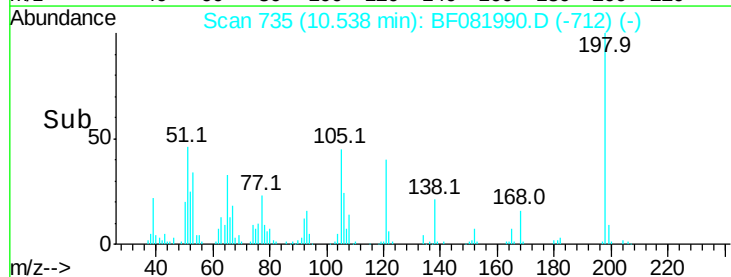
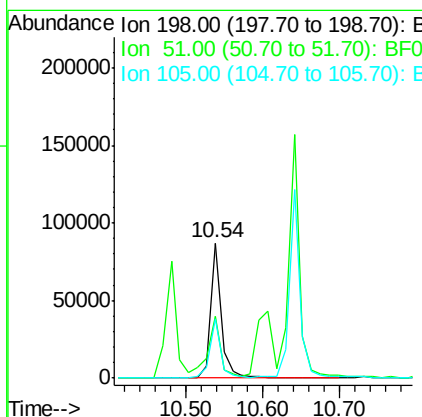
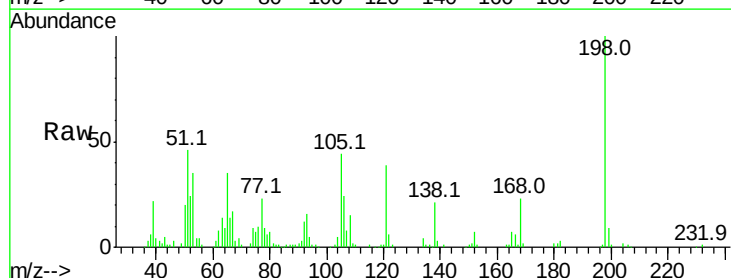
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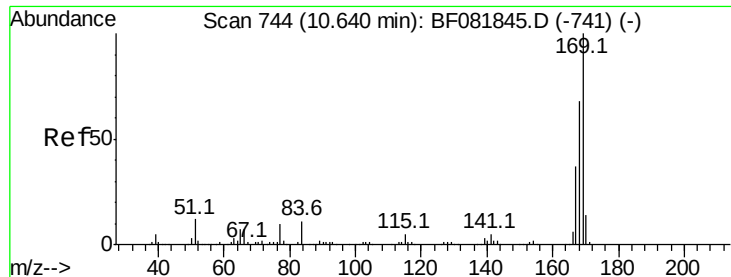
MMDADODA
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#64
4,6-Dinitro-2-methylphenol
Concen: 47.94 ng
RT: 10.54 min Scan# 735
Delta R.T. -0.03 min
Lab File: BF081990.D
Acq: 2 Oct 2015 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	46.0	39.6	79.6	
105	44.3	28.5	68.5	





#65

n-Nitrosodiphenylamine

Concen: 43.02 ng

RT: 10.61 min Scan# 741

Delta R.T. -0.03 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Instrument :

BNA_F

ClientSampleId :

OS-SB-24(16-18)MS

Tot Ion:169 Resp: 502859

Ion Ratio Lower Upper

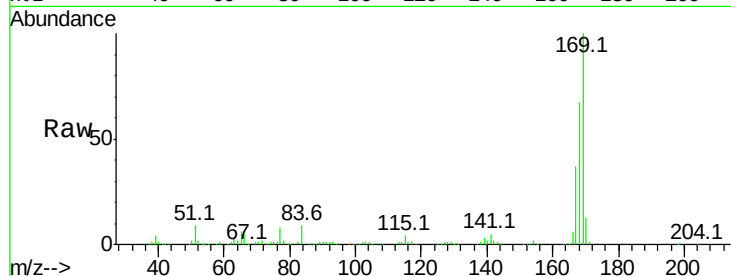
169 100

168 67.2 48.9 73.3

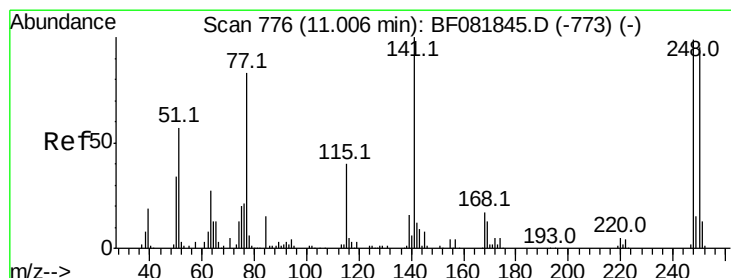
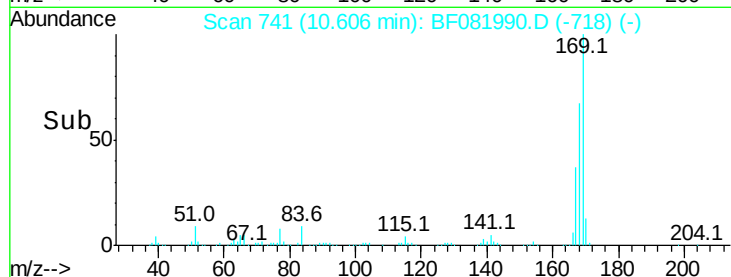
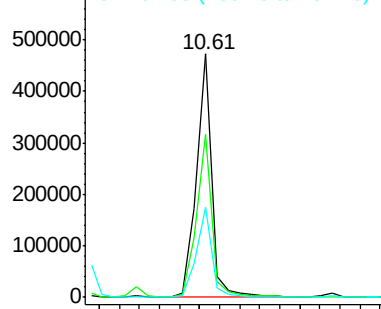
167 36.8 26.2 39.4

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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: 42.07 ng m

RT: 10.97 min Scan# 773

Delta R.T. -0.03 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

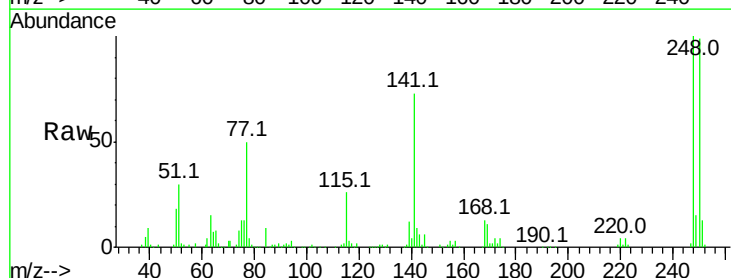
Tgt Ion:248 Resp: 163899

Ion Ratio Lower Upper

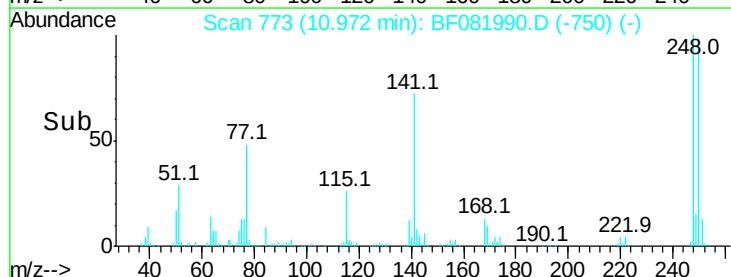
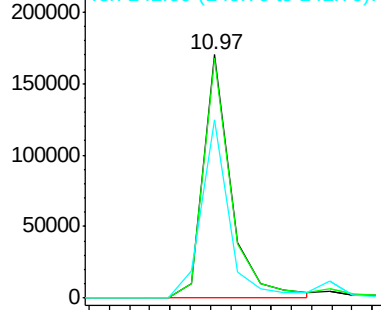
248 100

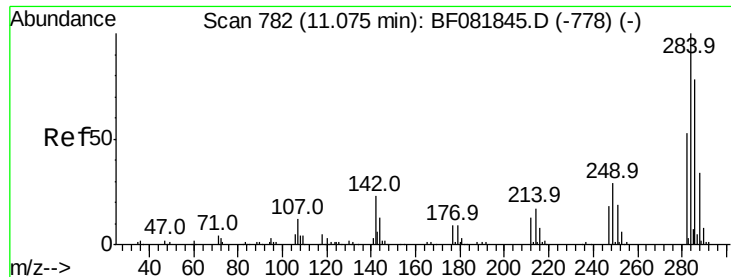
250 98.7 78.5 117.7

141 73.0 59.0 88.6



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





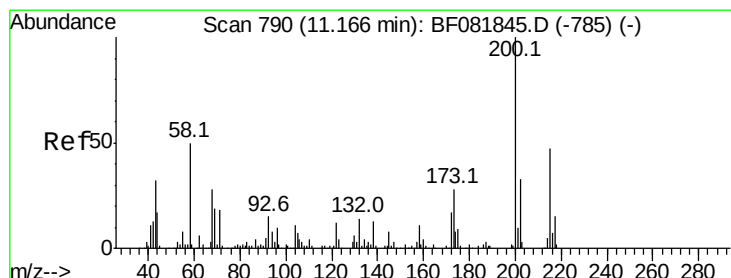
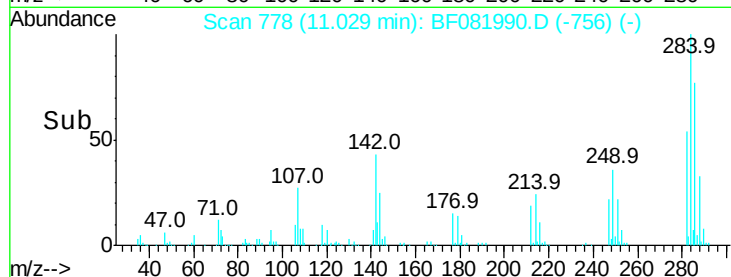
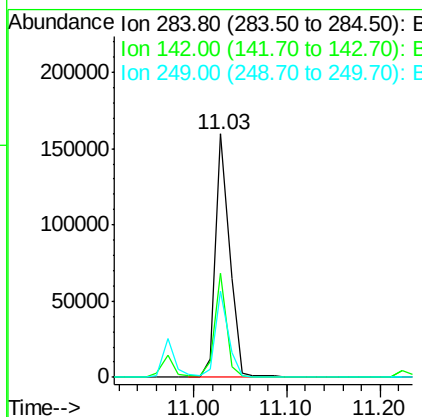
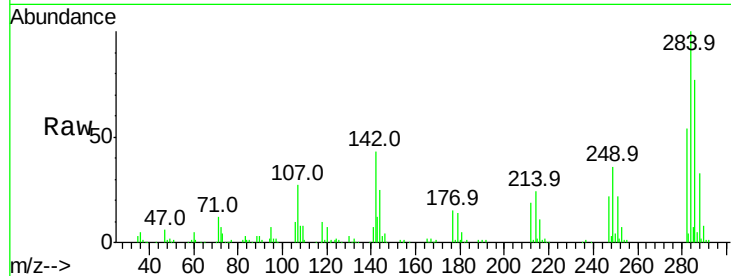
#67
Hexachlorobenzene
Concen: 38.12 ng
RT: 11.03 min Scan# 778
Delta R.T. -0.05 min
Lab File: BF081990.D
Acq: 2 Oct 2015 20:35

Instrument :
BNA_F
ClientSampleId :
OS-SB-24(16-18)MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	167579		
142	42.5	29.5	44.3	
249	35.5	19.5	29.3	

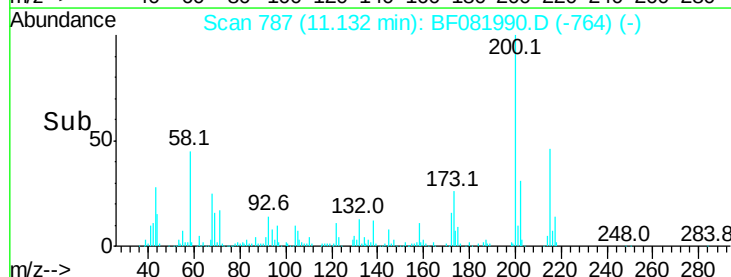
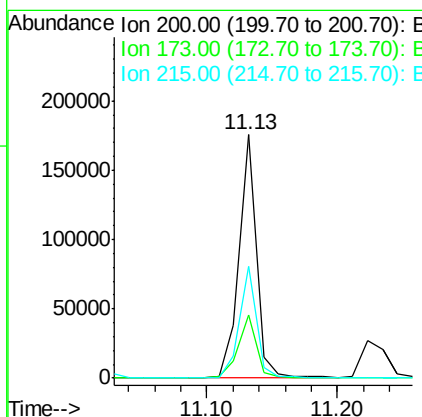
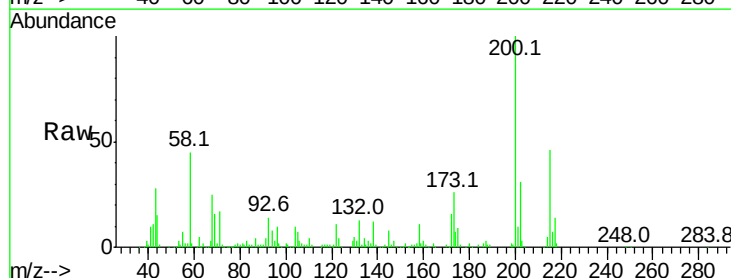
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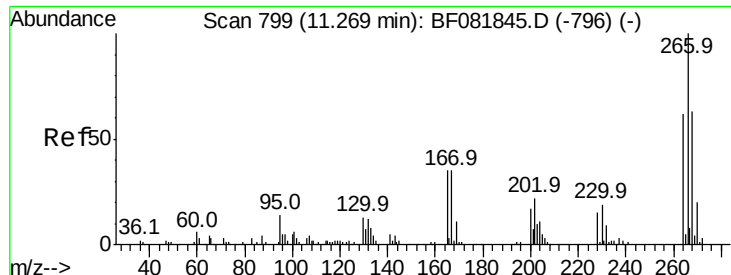
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#68
Atrazine
Concen: 44.71 ng
RT: 11.13 min Scan# 787
Delta R.T. -0.03 min
Lab File: BF081990.D
Acq: 2 Oct 2015 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	162179		
173	25.9	13.2	53.2	
215	46.1	41.8	81.8	





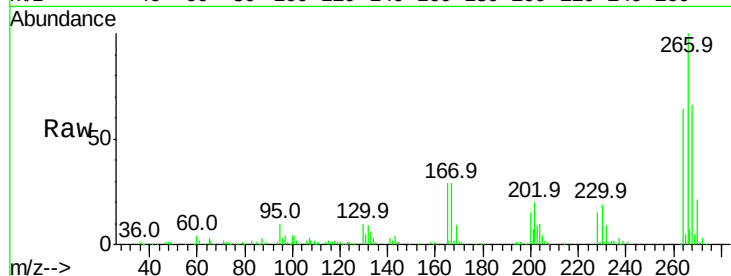
#69
 Pentachlorophenol
 Concen: 80.20 ng
 RT: 11.23 min Scan# 796
 Delta R.T. -0.03 min
 Lab File: BF081990.D
 Acq: 2 Oct 2015 20:35

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-24(16-18)MS

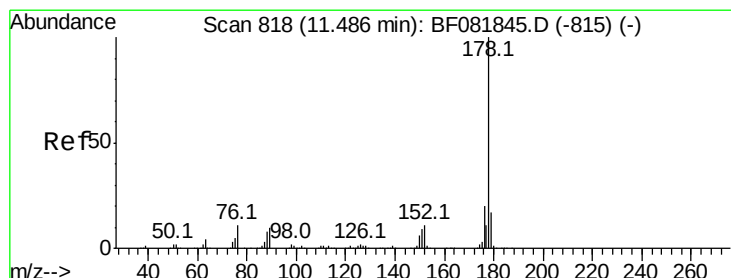
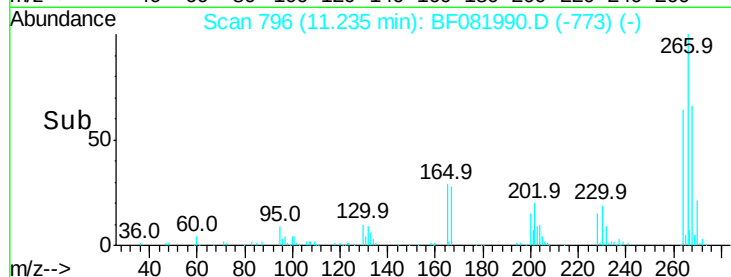
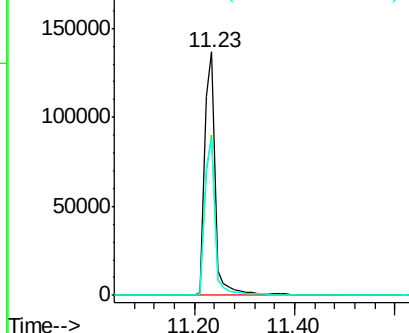
Tot Ion	Ratio	Resp Lower	Upper
266	100		
268	66.0	49.8	74.6
264	64.1	50.2	75.2

Manual Integrations
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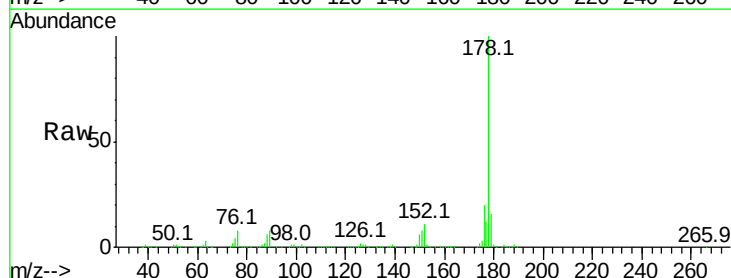


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

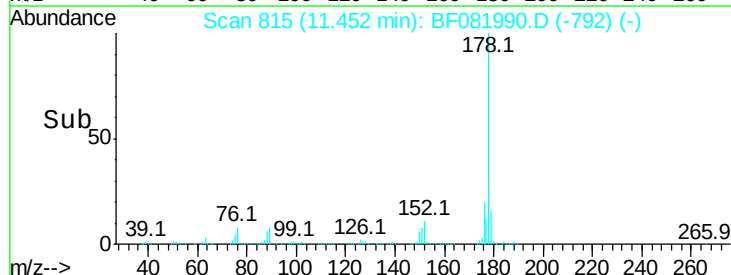
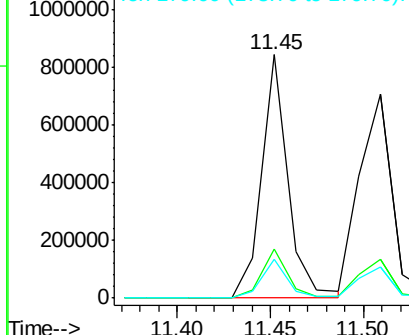


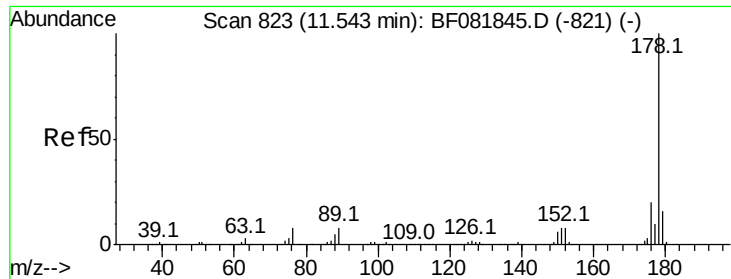
#70
 Phenanthrene
 Concen: 44.35 ng
 RT: 11.45 min Scan# 815
 Delta R.T. -0.03 min
 Lab File: BF081990.D
 Acq: 2 Oct 2015 20:35

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	20.0	13.8	20.8
179	16.1	12.2	18.2



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





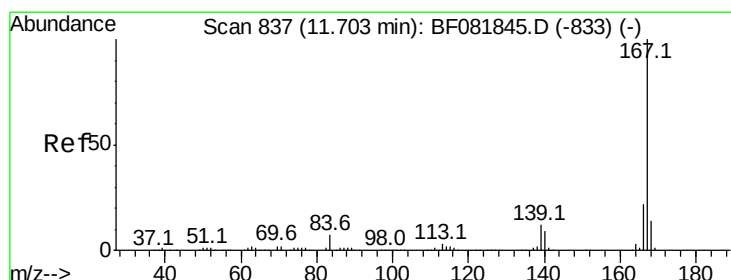
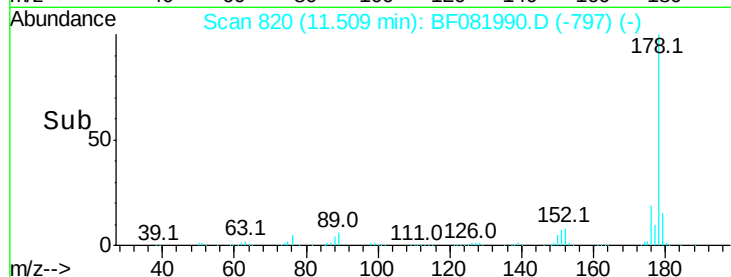
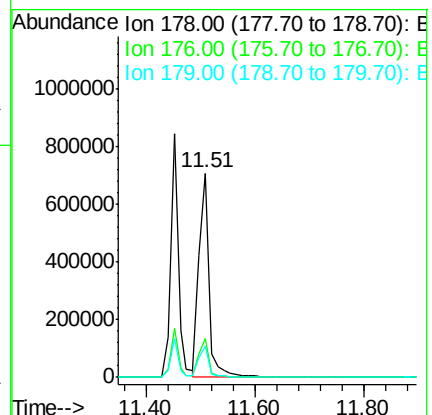
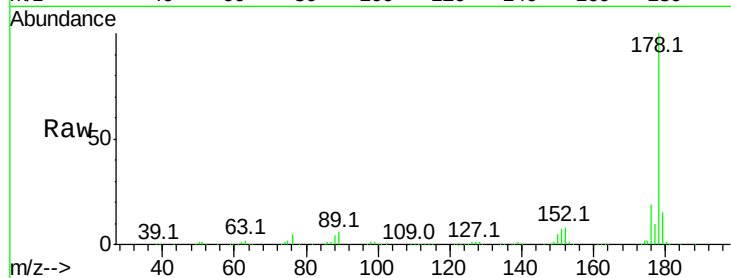
#71
 Anthracene
 Concen: 46.19 ng
 RT: 11.51 min Scan# 820
 Delta R.T. -0.03 min
 Lab File: BF081990.D
 Acq: 2 Oct 2015 20:35

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-24(16-18)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.1	21.1
179	15.3	12.2	18.2

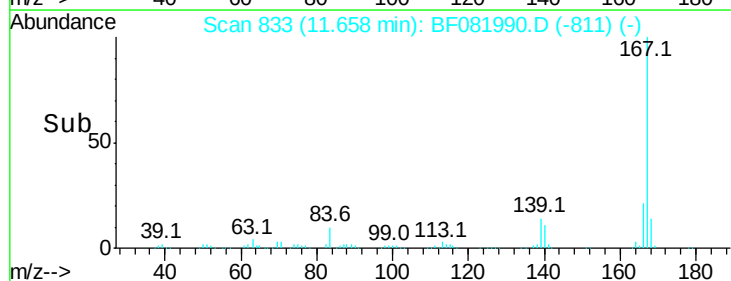
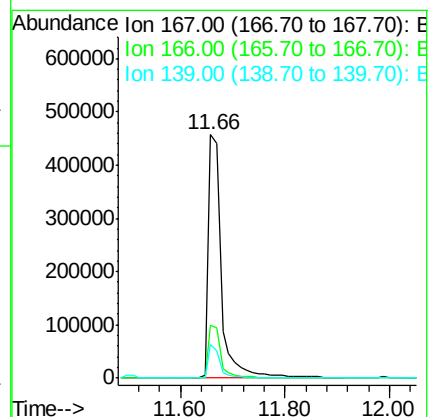
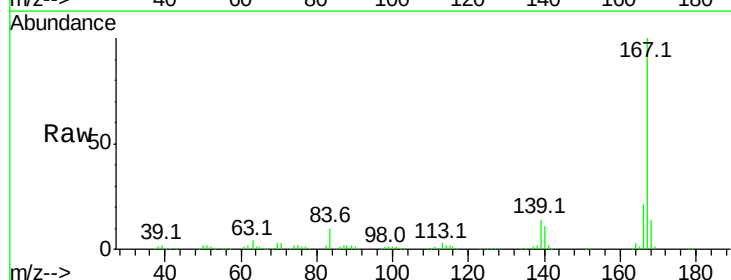
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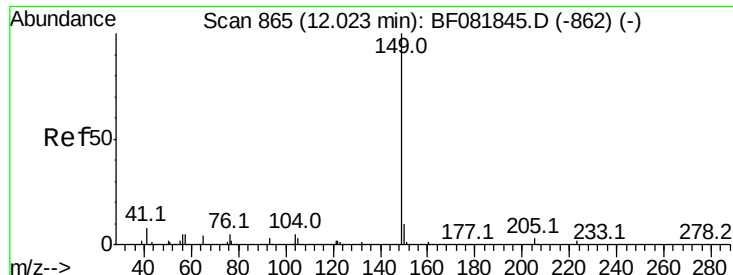
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 10/5/2015 6:28:45 PM



#72
 Carbazole
 Concen: 45.08 ng
 RT: 11.66 min Scan# 833
 Delta R.T. -0.05 min
 Lab File: BF081990.D
 Acq: 2 Oct 2015 20:35

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	15.7	23.5
139	13.9	9.5	14.3





#73

Di-n-butylphthalate

Concen: 47.43 ng

RT: 11.99 min Scan# 862

Delta R.T. -0.03 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Instrument :

BNA_F

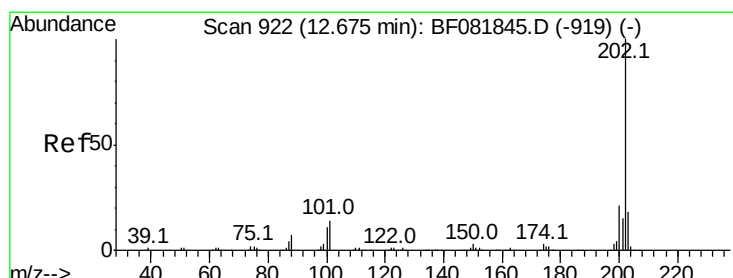
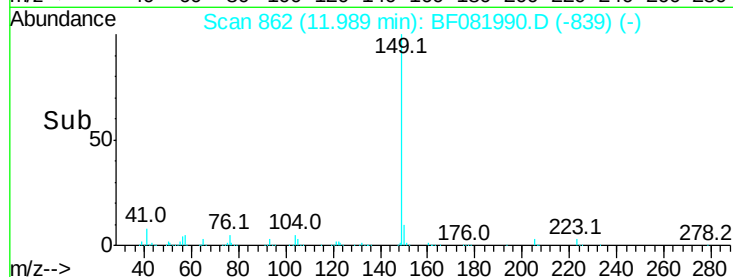
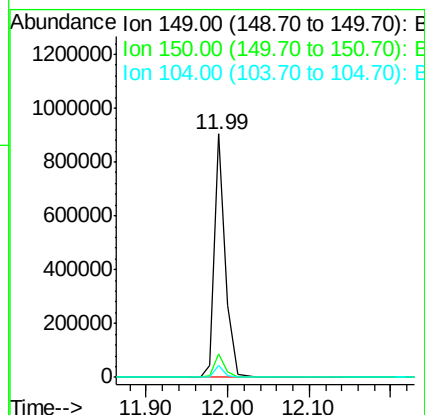
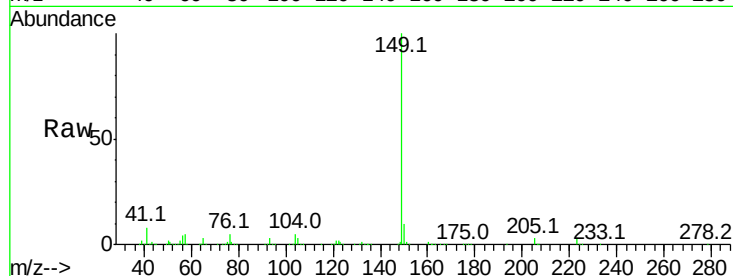
ClientSampleId :

OS-SB-24(16-18)MS

Tot Ion:	149	Resp:	857273
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.4	11.2
104	5.0	2.4	3.6#

Manual Integrations
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#74

Fluoranthene

Concen: 42.09 ng

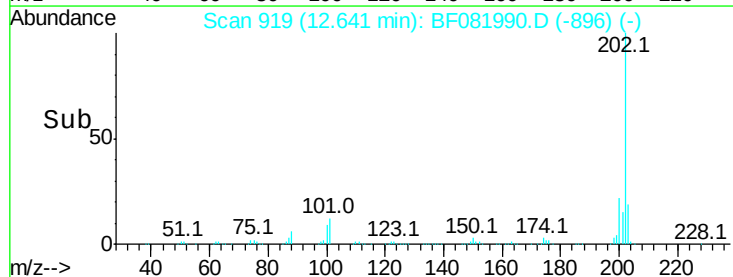
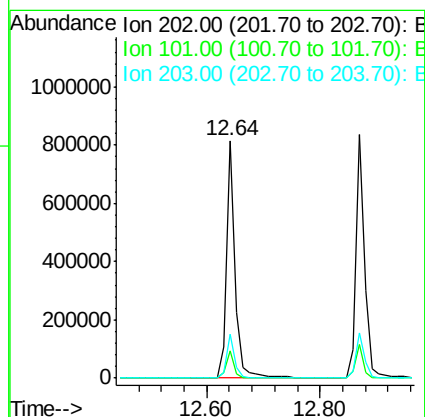
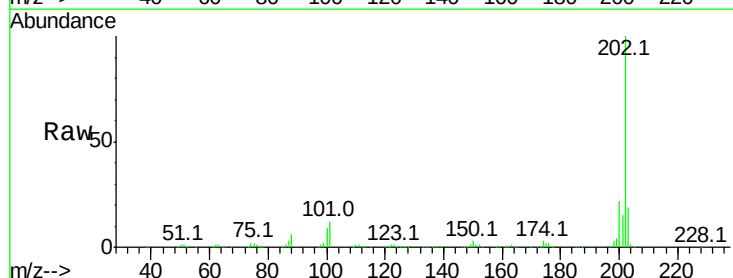
RT: 12.64 min Scan# 919

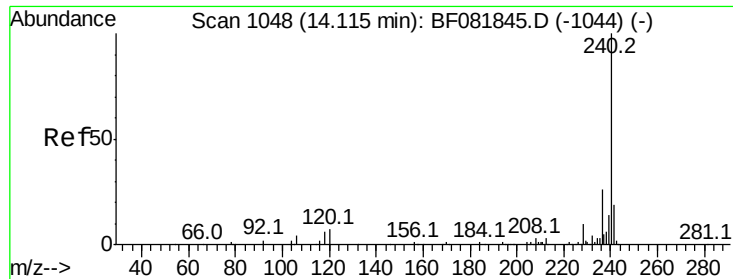
Delta R.T. -0.03 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Tgt Ion:	202	Resp:	871199
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	38.3
203	18.5	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1045

Delta R.T. -0.03 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Instrument :

BNA_F

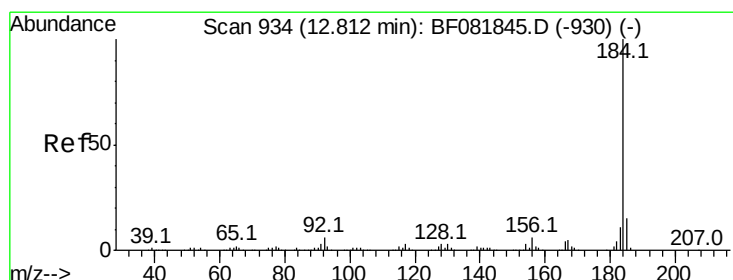
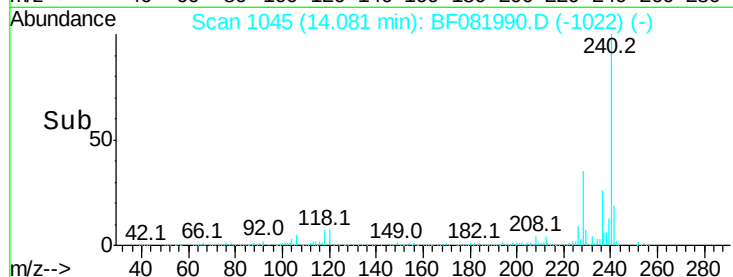
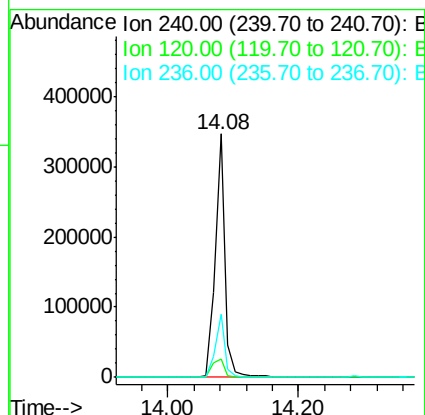
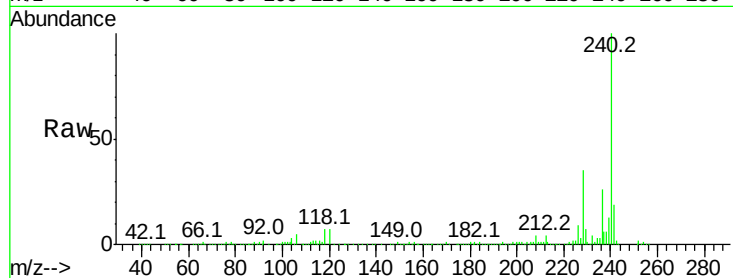
ClientSampleId :

OS-SB-24(16-18)MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.4	16.2	24.2#
236	26.1	18.4	27.6

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#76

Benzidine

Concen: 22.21 ng

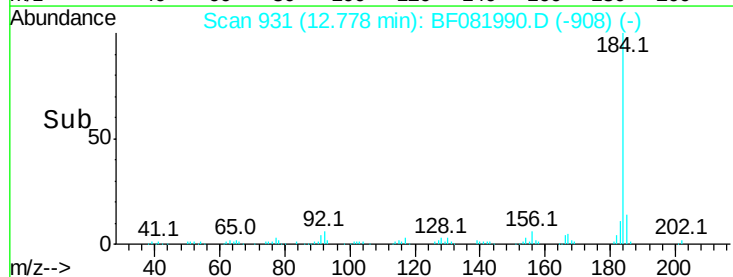
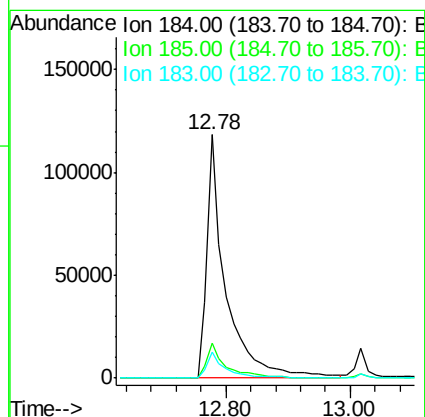
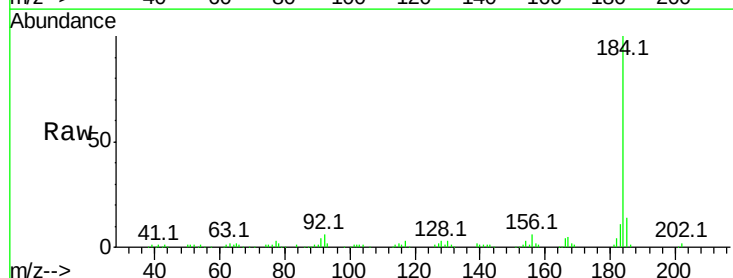
RT: 12.78 min Scan# 931

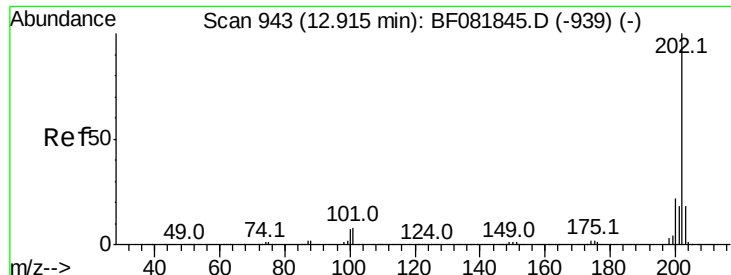
Delta R.T. -0.03 min

Lab File: BF081990.D

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Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.8	17.6
183	10.7	7.6	11.4





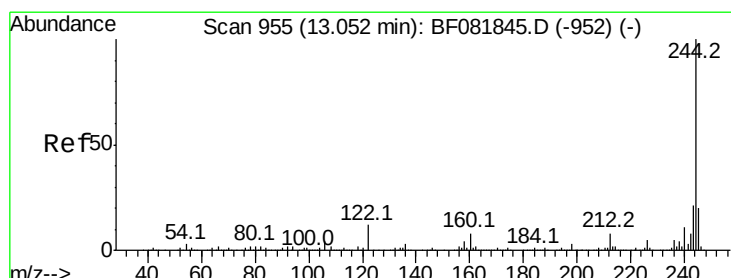
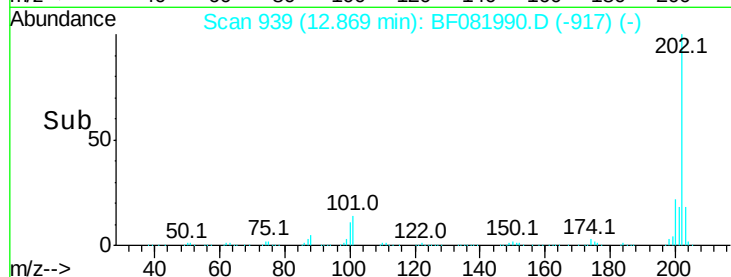
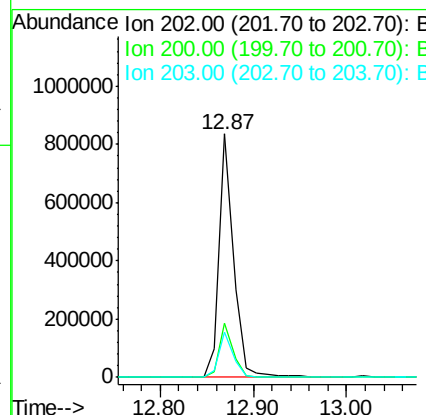
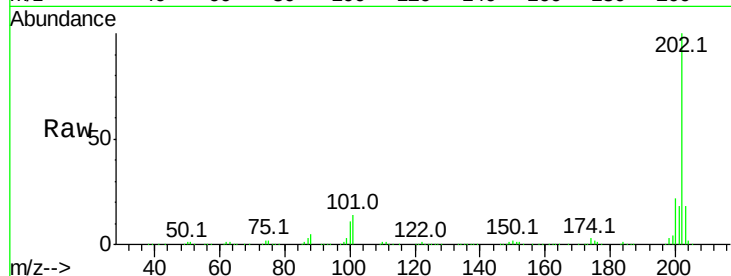
#77
 Pvrene
 Concen: 40.23 ng
 RT: 12.87 min Scan# 939
 Delta R.T. -0.05 min
 Lab File: BF081990.D
 Acq: 2 Oct 2015 20:35

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-24(16-18)MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.1	15.0	22.4
203	18.4	14.1	21.1

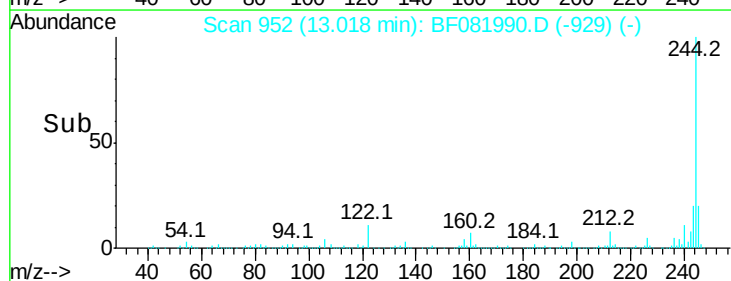
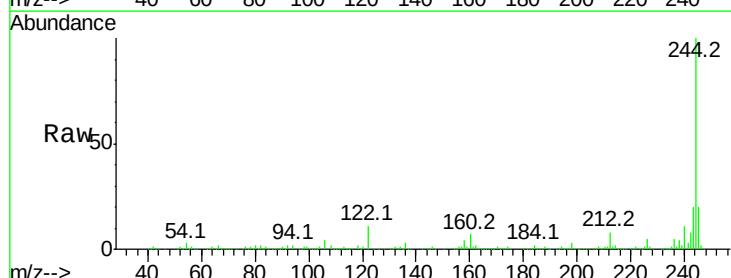
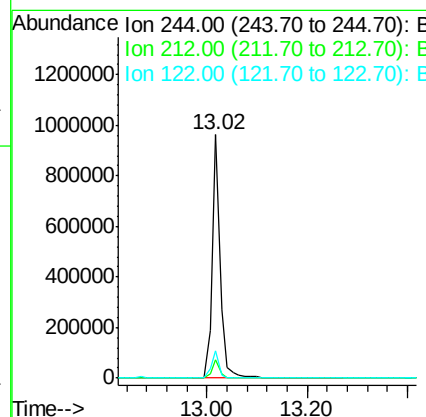
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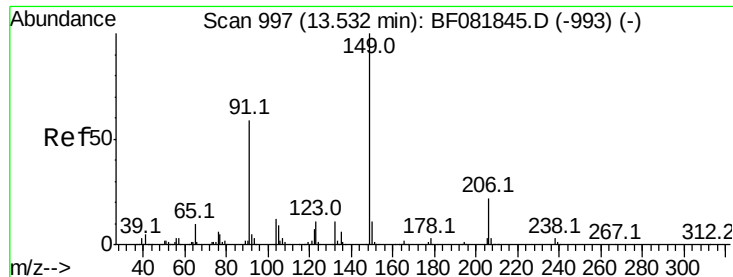
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#78
 Terphenyl-d14
 Concen: 94.70 ng
 RT: 13.02 min Scan# 952
 Delta R.T. -0.03 min
 Lab File: BF081990.D
 Acq: 2 Oct 2015 20:35

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.7	4.3	6.5#
122	11.1	17.4	26.2#





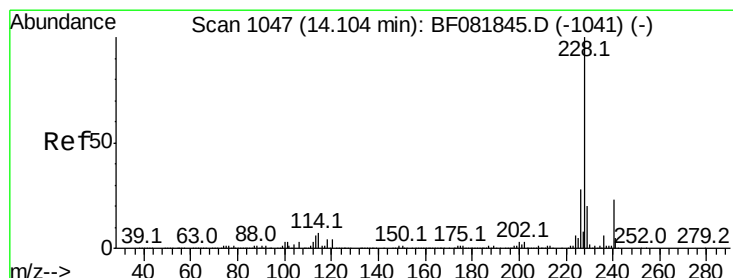
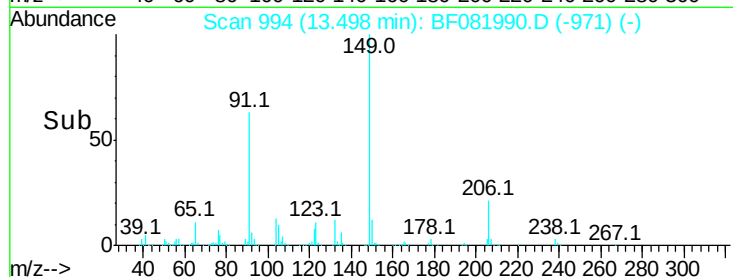
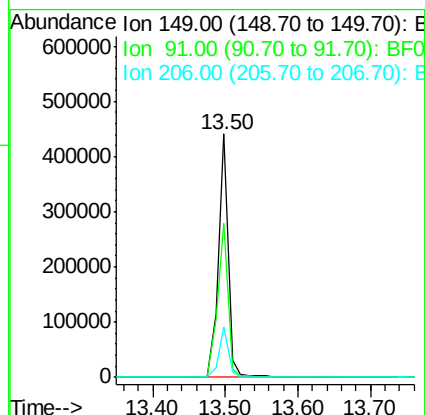
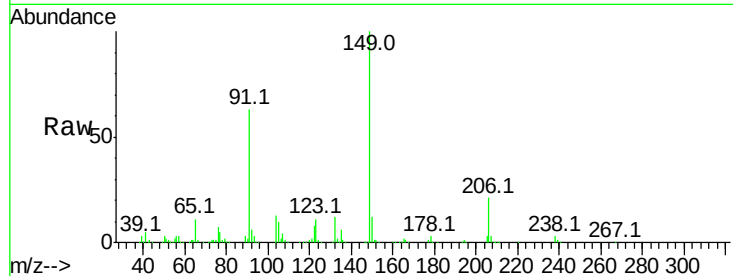
#79
Butylbenzylphthalate
Concen: 49.70 ng
RT: 13.50 min Scan# 994
Delta R.T. -0.03 min
Lab File: BF081990.D
Acq: 2 Oct 2015 20:35

Instrument :
BNA_F
ClientSampleId :
OS-SB-24(16-18)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	416941		
91	63.3	48.6	72.8	
206	20.9	14.9	22.3	

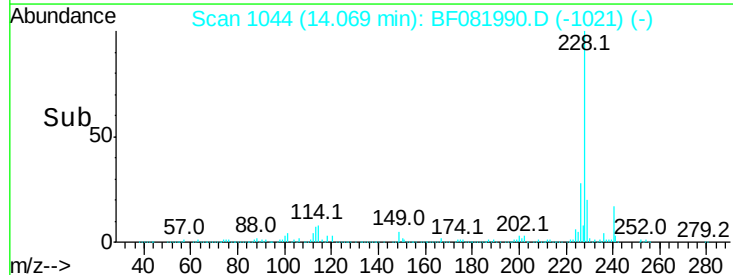
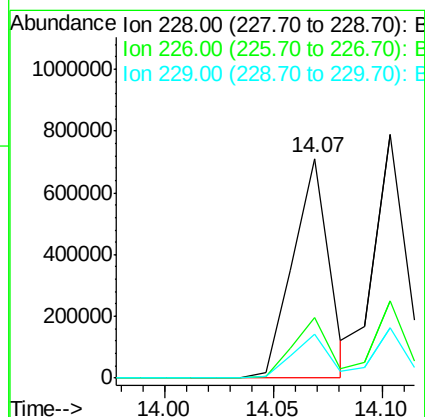
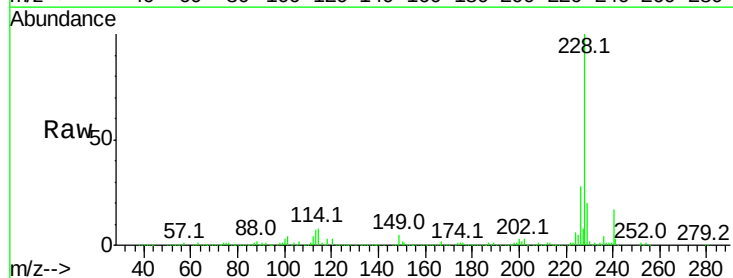
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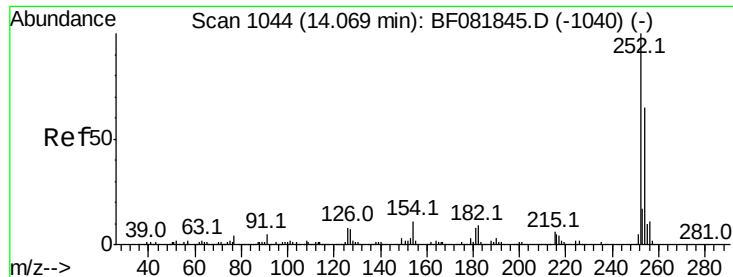
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#80
Benzo(a)anthracene
Concen: 41.01 ng
RT: 14.07 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF081990.D
Acq: 2 Oct 2015 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	824068		
226	27.9	20.0	30.0	
229	20.0	15.4	23.2	





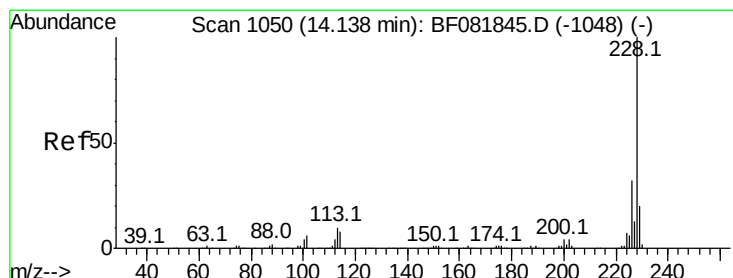
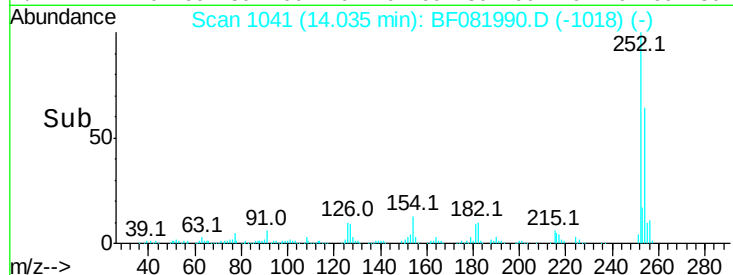
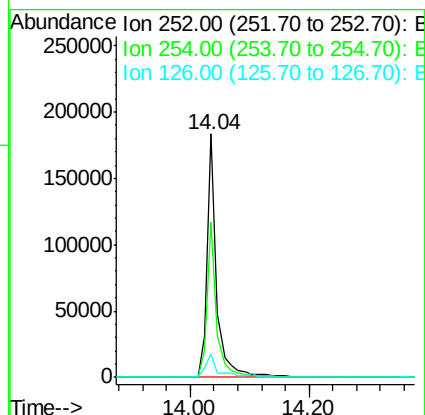
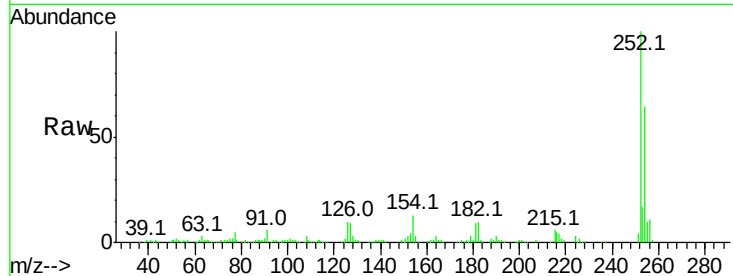
#81
 3,3'-Dichlorobenzidine
 Concen: 31.16 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BF081990.D
 Acq: 2 Oct 2015 20:35

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-24(16-18)MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.0	51.4	77.2
126	9.7	16.4	24.6

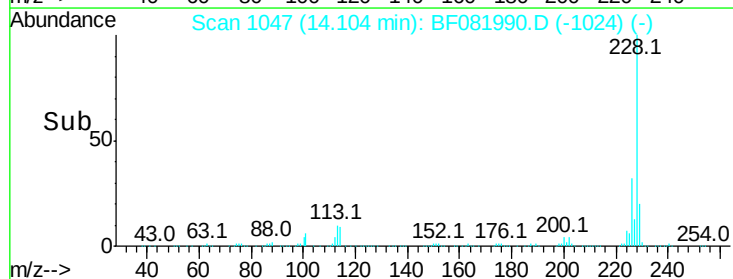
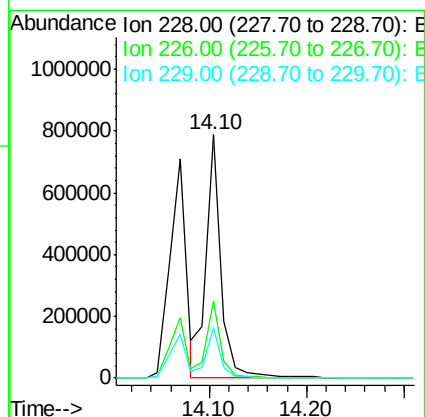
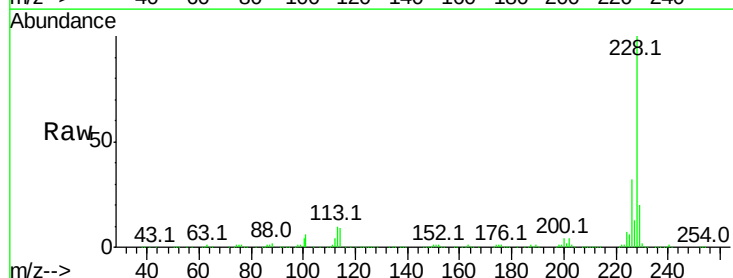
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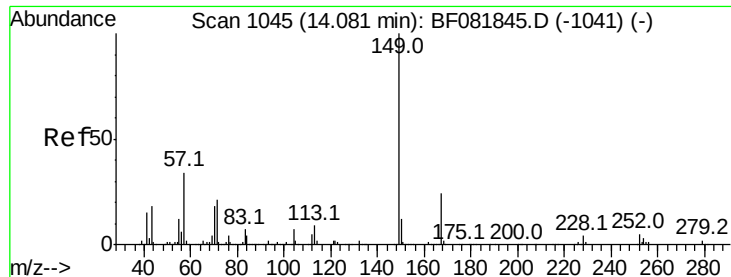
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#82
 Chrysene
 Concen: 54.26 ng m
 RT: 14.10 min Scan# 1047
 Delta R.T. -0.03 min
 Lab File: BF081990.D
 Acq: 2 Oct 2015 20:35

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.6	21.0	31.4
229	20.4	15.6	23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.84 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.02 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Instrument :

BNA_F

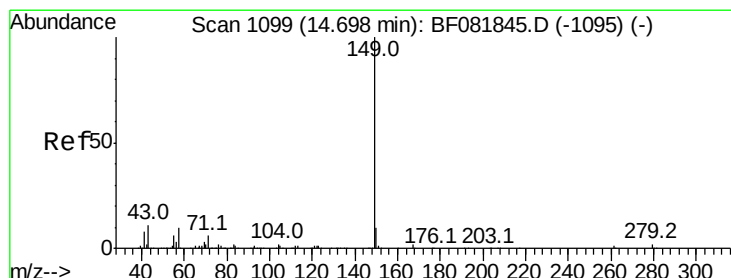
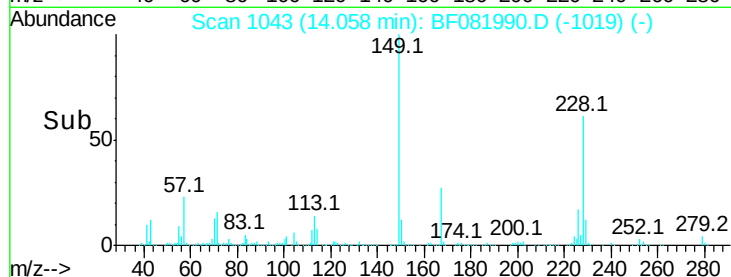
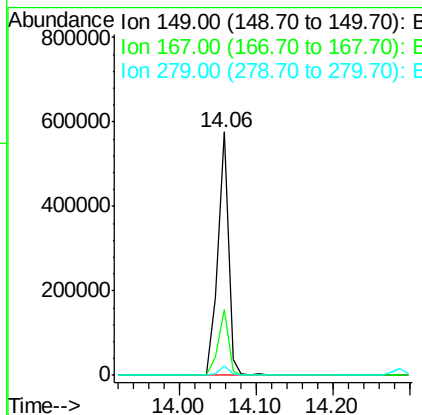
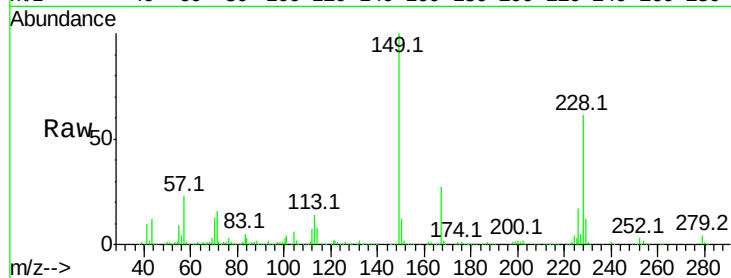
ClientSampleId :

OS-SB-24(16-18)MS

Tot Ion:	149	Resp:	556056
Ion Ratio	Lower	Upper	
149	100		
167	27.1	24.2	36.2
279	3.6	3.8	5.6#

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 55.47 ng

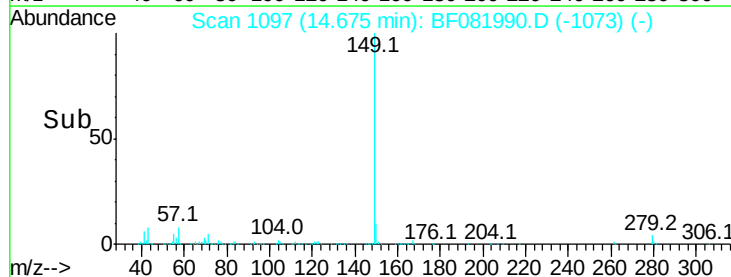
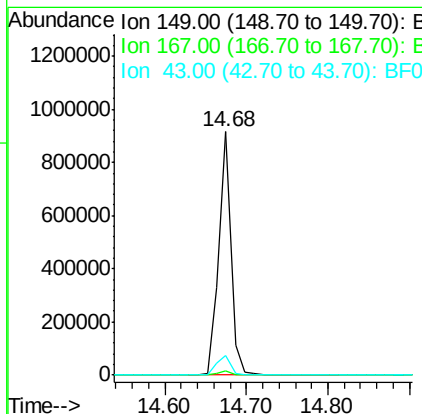
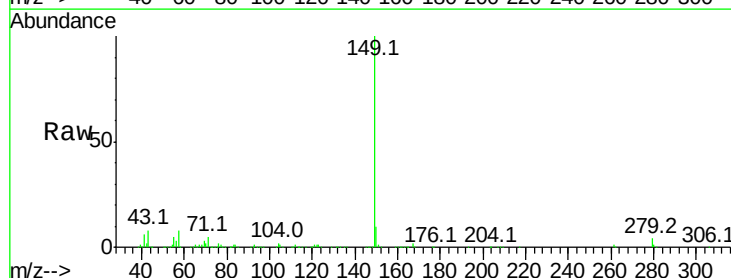
RT: 14.68 min Scan# 1097

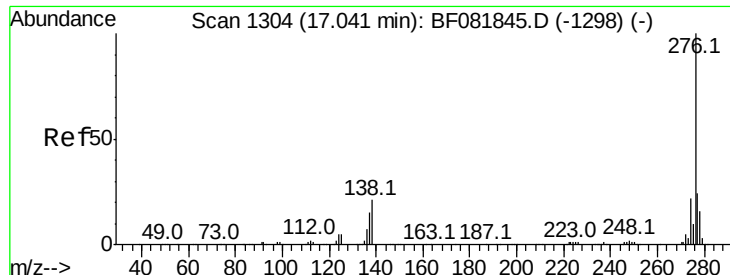
Delta R.T. -0.02 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Tgt Ion:	149	Resp:	949967
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.0	1.6
43	9.1	10.2	15.2#





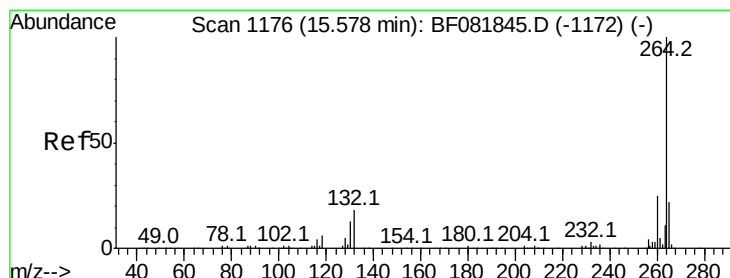
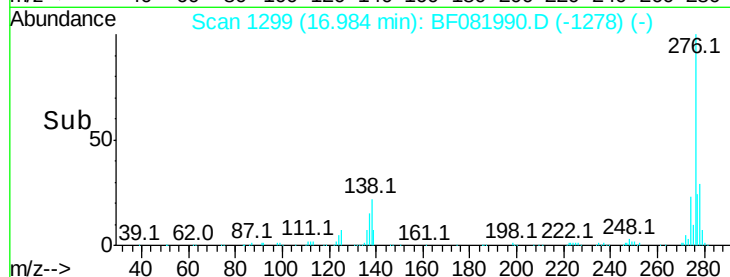
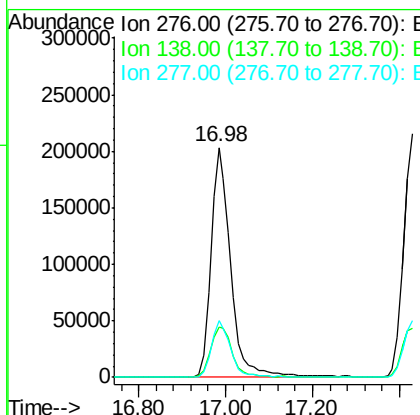
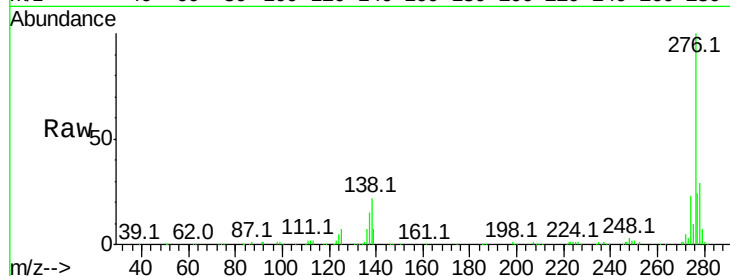
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.31 ng
 RT: 16.98 min Scan# 1299
 Delta R.T. -0.06 min
 Lab File: BF081990.D
 Acq: 2 Oct 2015 20:35

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-24(16-18)MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.5	25.7	38.5#
277	24.9	15.6	23.4#

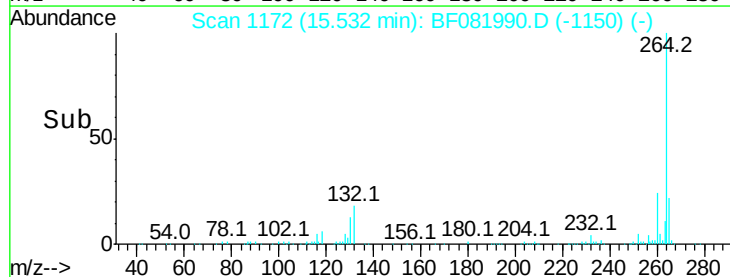
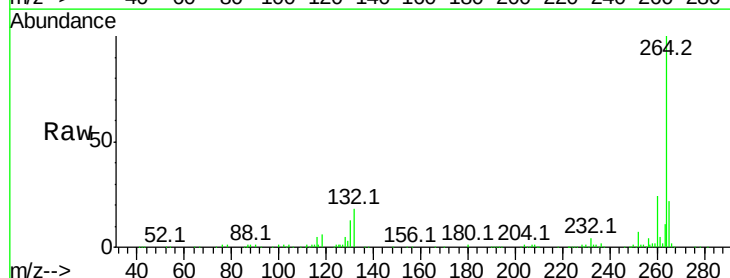
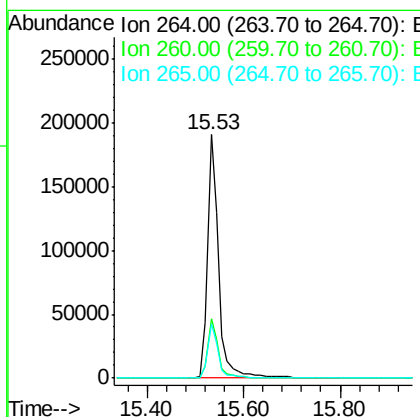
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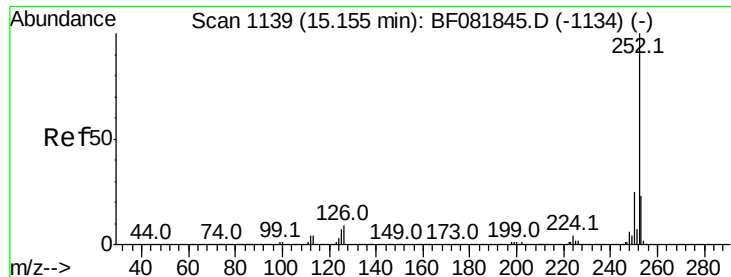
MMDADODA
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 1172
 Delta R.T. -0.05 min
 Lab File: BF081990.D
 Acq: 2 Oct 2015 20:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	16.7	25.1
265	22.1	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 53.94 ng m

RT: 15.11 min Scan# 1135

Delta R.T. -0.05 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Instrument :

BNA_F

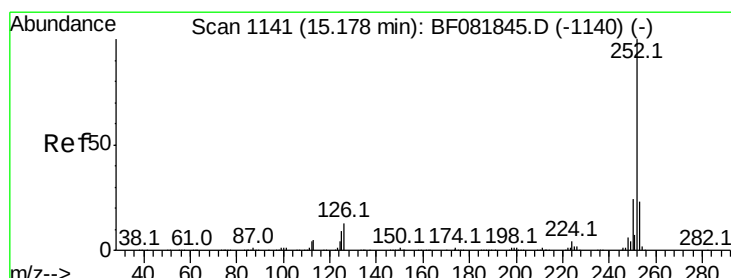
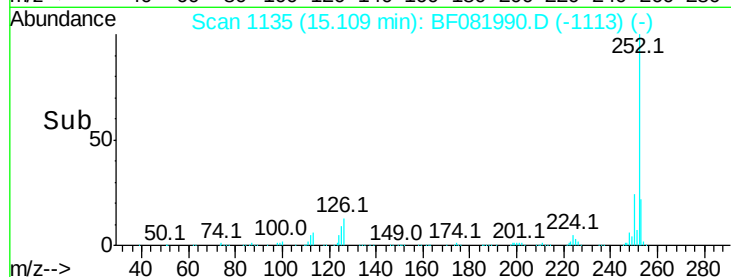
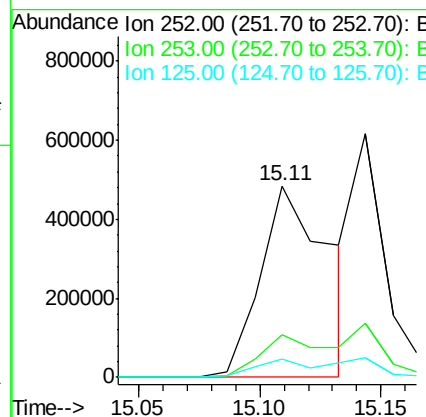
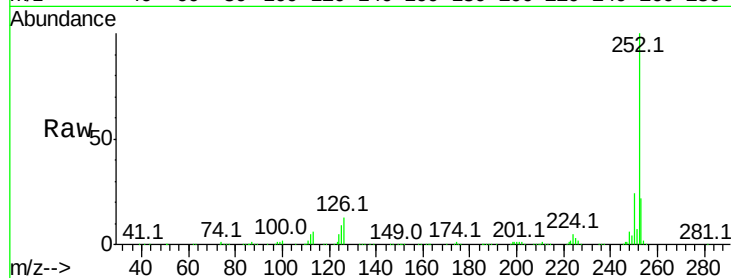
ClientSampleId :

OS-SB-24(16-18)MS

Tot Ion:	252	Resp:	942732
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.5	26.3
125	9.4	17.1	25.7#

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#88

Benzo(k)fluoranthene

Concen: 38.78 ng m

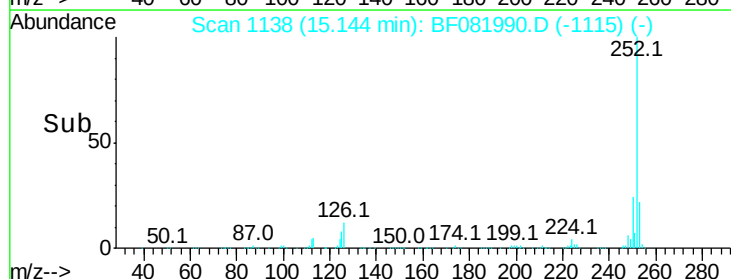
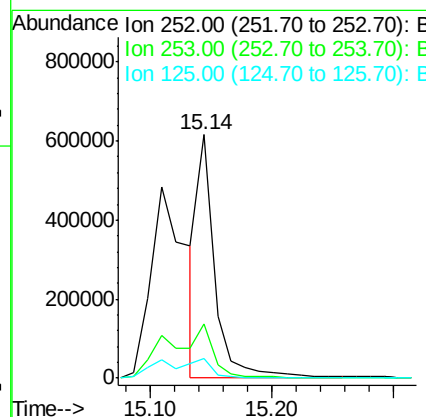
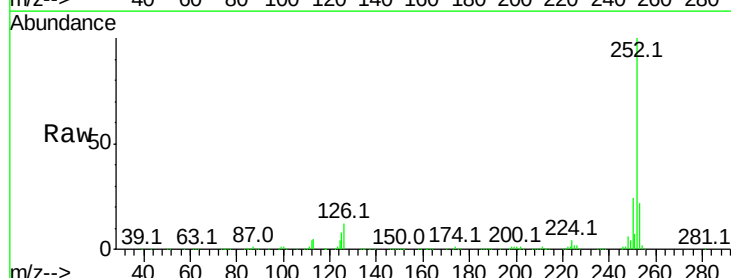
RT: 15.14 min Scan# 1138

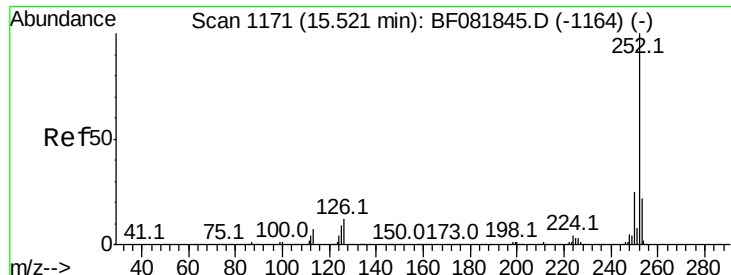
Delta R.T. -0.03 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Tgt Ion:	252	Resp:	621139
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.0	25.4
125	8.2	16.0	24.0#





#89

Benzo(a)pyrene

Concen: 47.46 ng

RT: 15.48 min Scan# 1167

Delta R.T. -0.05 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Instrument :

BNA_F

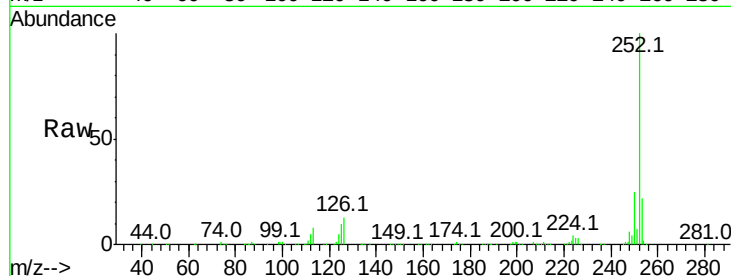
ClientSampleId :

OS-SB-24(16-18)MS

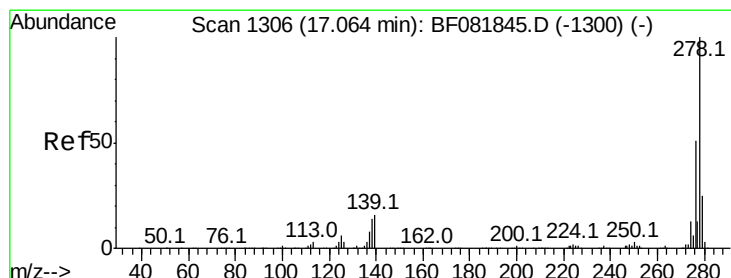
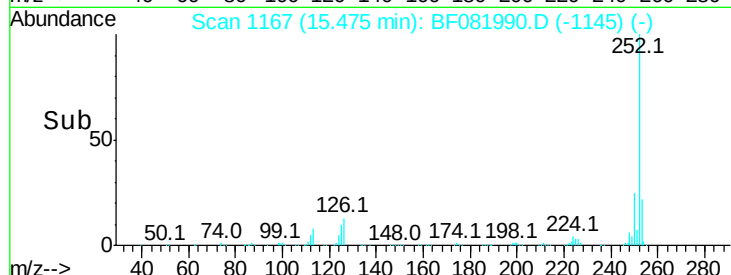
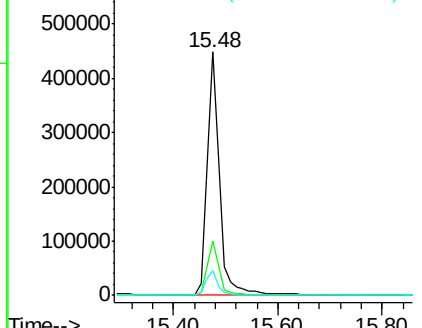
Tot Ion:	252	Resp:	719480
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.2	25.8
125	10.2	18.0	27.0#

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



#90

Dibenzo(a,h)anthracene

Concen: 42.37 ng

RT: 17.01 min Scan# 1301

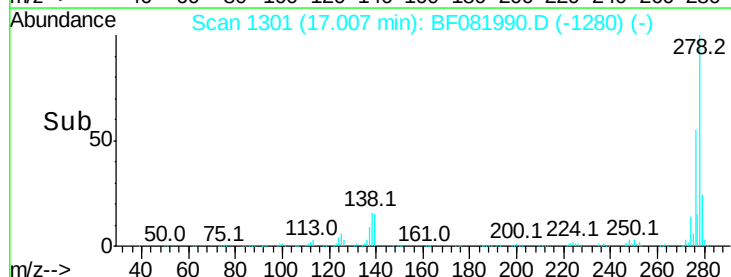
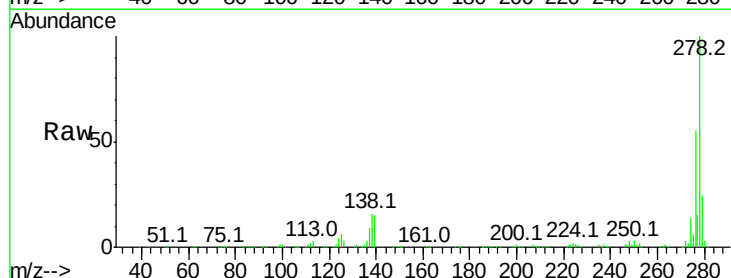
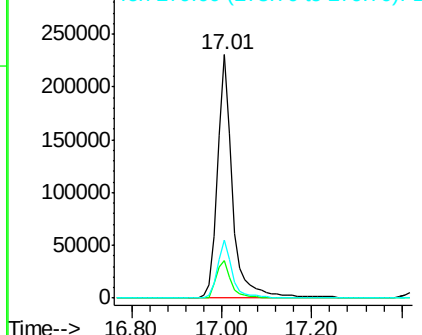
Delta R.T. -0.06 min

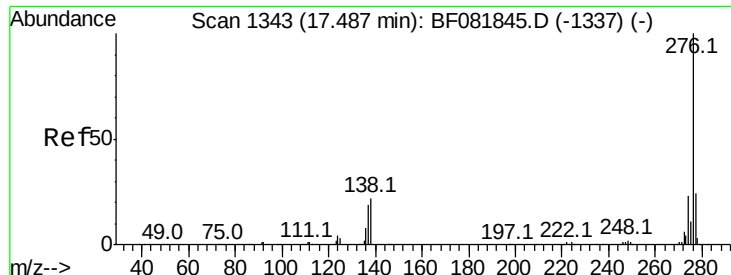
Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Tgt Ion:	278	Resp:	538904
Ion Ratio	Lower	Upper	
278	100		
139	15.5	26.3	39.5#
279	23.6	18.2	27.4

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





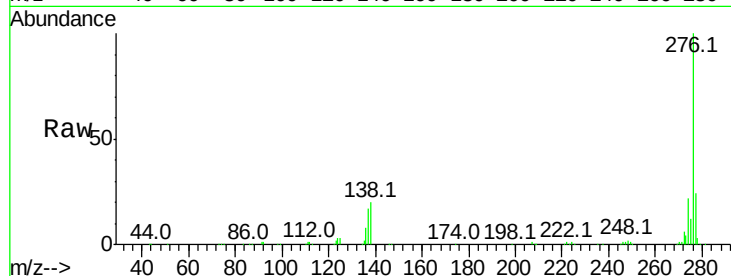
#91
 Benzo(a,h,i)perylene
 Concen: 40.40 ng
 RT: 17.43 min Scan# 1338
 Delta R.T. -0.06 min
 Lab File: BF081990.D
 Acq: 2 Oct 2015 20:35

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-24(16-18)MS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.5	17.8	26.6
138	20.3	34.6	51.8#

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

