

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
 Data File : BF081991.D
 Acq On : 2 Oct 2015 21:05
 Operator : UM/IZ
 Sample : G3886-03MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDADODA
 10/5/2015 6:28:52 PM

Quant Time: Oct 03 04:33:10 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	113926	20.00	ng	-0.05
21) Naphthalene-d8	8.17	136	452266	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	229159	20.00	ng	-0.05
63) Phenanthrene-d10	11.43	188	455119	20.00	ng	-0.03
75) Chrysene-d12	14.08	240	427129	20.00	ng	-0.03
86) Perylene-d12	15.53	264	337729	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	699238	111.42	ng	-0.03
7) Phenol-d6	6.53	99	976776	123.69	ng	-0.03
23) Nitrobenzene-d5	7.46	82	604979	89.17	ng	-0.03
41) 2,4,6-Tribromophenol	10.73	330	268515	115.70	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	1155669	84.24	ng	-0.05
78) Terphenyl-d14	13.02	244	1099507	82.45	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	93836	34.38	ng	# 83
3) Pyridine	3.26	79	236350	33.26	ng	85
4) n-Nitrosodimethylamine	3.22	42	116639	36.14	ng	92
6) Aniline	6.55	93	245851	23.17	ng	# 84
8) 2-Chlorophenol	6.67	128	298732	43.11	ng	99
9) Benzaldehyde	6.43	77	54104	10.46	ng	# 80
10) Phenol	6.54	94	361978	40.86	ng	80
11) bis(2-Chloroethyl)ether	6.63	93	314485	45.78	ng	96
12) 1,3-Dichlorobenzene	6.82	146	312932m	38.23	ng	
13) 1,4-Dichlorobenzene	6.90	146	332837m	38.94	ng	
14) 1,2-Dichlorobenzene	7.06	146	309987	40.70	ng	99
15) Benzyl Alcohol	7.03	79	212594	37.29	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	7.17	45	397189	40.90	ng	81
17) 2-Methylphenol	7.14	107	234424	41.72	ng	# 86
18) Hexachloroethane	7.39	117	109829	41.04	ng	90
19) n-Nitroso-di-n-propylamine	7.30	70	187256	39.01	ng	# 78
20) 3+4-Methylphenols	7.30	107	283935	40.01	ng	# 50
22) Acetophenone	7.30	105	392369	42.43	ng	# 81
24) Nitrobenzene	7.47	77	284823	38.66	ng	# 69
25) Isophorone	7.71	82	559460	41.60	ng	# 92
26) 2-Nitrophenol	7.79	139	166592	47.11	ng	# 81
27) 2,4-Dimethylphenol	7.83	122	273380	43.94	ng	# 82
28) bis(2-Chloroethoxy)methane	7.93	93	347928	43.57	ng	# 94
29) 2,4-Dichlorophenol	8.03	162	277608	46.02	ng	97
30) 1,2,4-Trichlorobenzene	8.11	180	281620	41.82	ng	98
31) Naphthalene	8.19	128	788163m	39.33	ng	
32) Benzoic acid	7.92	122	75868	24.61	ng	# 71
33) 4-Chloroaniline	8.25	127	130626	15.07	ng	# 94
34) Hexachlorobutadiene	8.31	225	162657	40.84	ng	98
35) Caprolactam	8.63	113	77890m	46.64	ng	
36) 4-Chloro-3-methylphenol	8.73	107	264277	44.80	ng	85
37) 2-Methylnaphthalene	8.89	142	588864	43.05	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	278933	39.65	ng	98
40) Hexachlorocyclopentadiene	9.04	237	171027	47.21	ng	98

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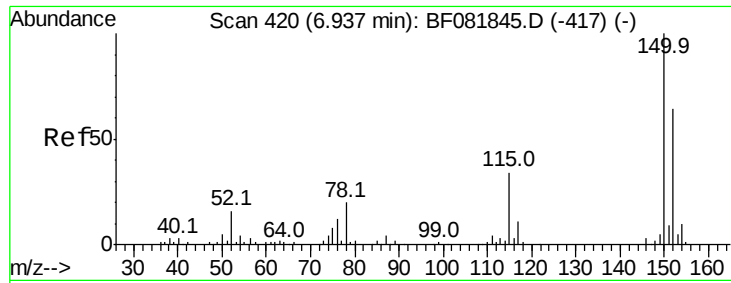
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	178920	37.10	nq	100
43) 2,4,5-Trichlorophenol	9.21	196	212058	42.75	nq	# 96
45) 1,1'-Biphenyl	9.36	154	738175	41.75	nq	95
46) 2-Chloronaphthalene	9.38	162	574677	41.40	nq	95
47) 2-Nitroaniline	9.49	65	168056	41.24	nq	90
48) Acenaphthylene	9.79	152	829652	37.34	nq	96
49) Dimethylphthalate	9.67	163	921062	58.23	nq	# 98
50) 2,6-Dinitrotoluene	9.73	165	145294	42.31	nq	# 69
51) Acenaphthene	9.97	154	561152	42.53	nq	89
52) 3-Nitroaniline	9.90	138	96557	24.30	nq	# 72
53) 2,4-Dinitrophenol	10.00	184	109770	71.12	nq	# 57
54) Dibenzofuran	10.15	168	785264	42.11	nq	94
55) 4-Nitrophenol	10.06	139	216326	75.35	nq	# 47
56) 2,4-Dinitrotoluene	10.14	165	191165	43.67	nq	# 94
57) Fluorene	10.49	166	628791	47.26	nq	92
58) 2,3,4,6-Tetrachlorophenol	10.26	232	189047	48.05	nq	93
59) Diethylphthalate	10.37	149	610809	41.34	nq	99
60) 4-Chlorophenyl-phenylether	10.48	204	297778	43.62	nq	92
61) 4-Nitroaniline	10.53	138	153395	38.51	nq	# 65
62) Azobenzene	10.64	77	627311	43.50	nq	91
64) 4,6-Dinitro-2-methylphenol	10.54	198	91504	44.98	nq	98
65) n-Nitrosodiphenylamine	10.61	169	554005	40.23	nq	92
66) 4-Bromophenyl-phenylether	10.97	248	183265m	39.94	nq	
67) Hexachlorobenzene	11.03	284	185686	35.85	nq	# 81
68) Atrazine	11.13	200	165470	38.73	nq	83
69) Pentachlorophenol	11.23	266	235508	79.81	nq	99
70) Phenanthrene	11.45	178	883298	40.15	nq	95
71) Anthracene	11.51	178	989487	42.78	nq	98
72) Carbazole	11.66	167	849340	40.57	nq	95
73) Di-n-butylphthalate	11.99	149	936864	43.90	nq	# 98
74) Fluoranthene	12.64	202	949297	38.94	nq	90
76) Benzidine	12.79	184	53775	4.18	nq	97
77) Pyrene	12.87	202	928338	36.38	nq	95
79) Butylbenzylphthalate	13.50	149	437374	45.55	nq	96
80) Benzo(a)anthracene	14.07	228	842172	36.62	nq	96
81) 3,3'-Dichlorobenzidine	14.04	252	195371	25.15	nq	# 93
82) Chrysene	14.10	228	862678m	41.21	nq	
83) Bis(2-ethylhexyl)phthalate	14.06	149	570276	47.35	nq	# 94
84) Di-n-octyl phthalate	14.68	149	945013	48.21	nq	# 92
85) Indeno(1,2,3-cd)pyrene	16.98	276	673422	37.43	nq	# 87
87) Benzo(b)fluoranthene	15.11	252	934171m	48.45	nq	
88) Benzo(k)fluoranthene	15.14	252	646852m	36.60	nq	
89) Benzo(a)pyrene	15.48	252	731293	43.72	nq	# 86
90) Dibenzo(a,h)anthracene	17.01	278	560394	39.93	nq	# 81
91) Benzo(g,h,i)perylene	17.43	276	545762	37.95	nq	# 76

(#) = 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: BF081991.D

Acq: 2 Oct 2015 21:05

Instrument :

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ClientSampleId :

OS-SB-24(16-18)MSD

Tot Ion:152 Resp: 113926

Ion Ratio Lower Upper

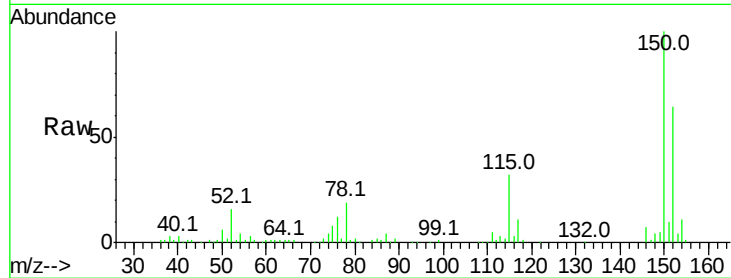
152 100

150 155.8 124.7 187.1

115 50.2 39.0 58.4

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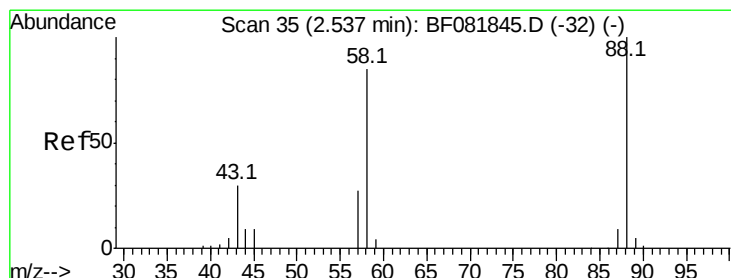
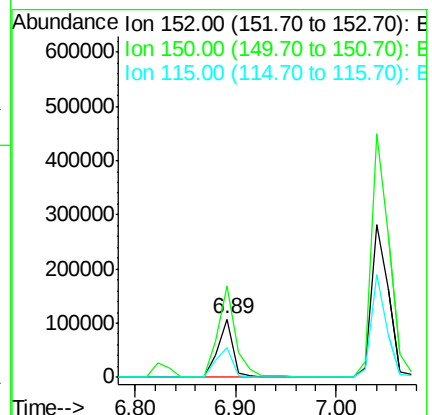
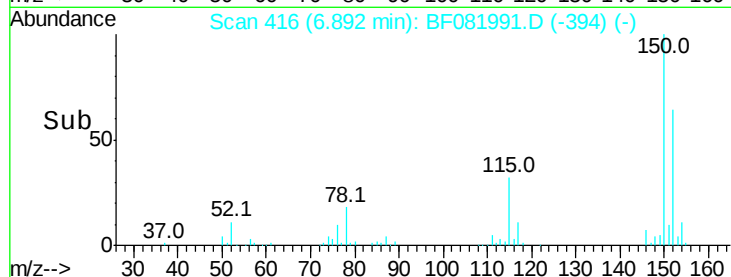
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.38 ng

RT: 2.53 min Scan# 34

Delta R.T. -0.01 min

Lab File: BF081991.D

Acq: 2 Oct 2015 21:05

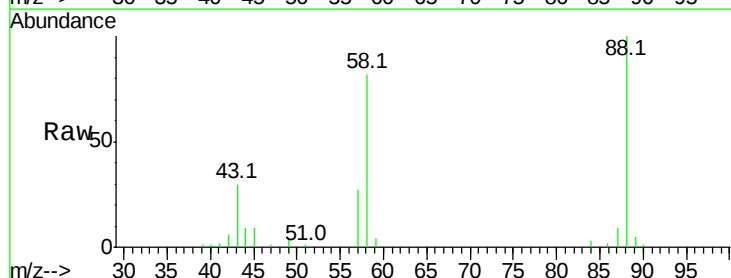
Tgt Ion: 88 Resp: 93836

Ion Ratio Lower Upper

88 100

58 77.5 77.7 116.5#

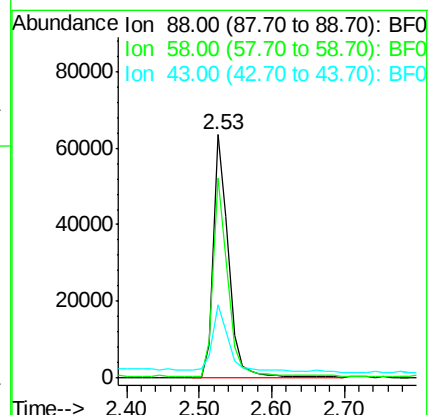
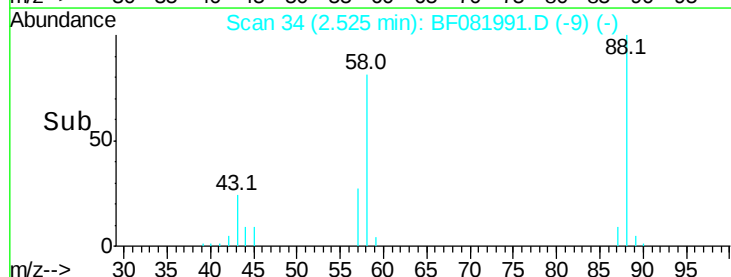
43 29.1 26.6 40.0

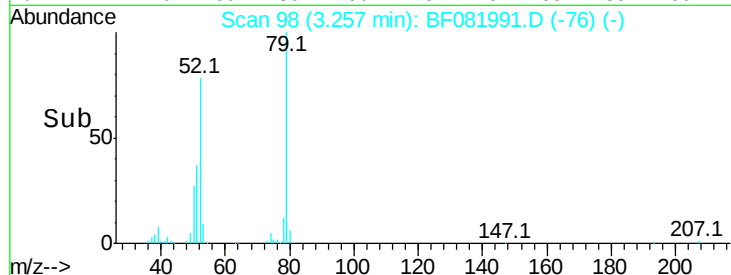
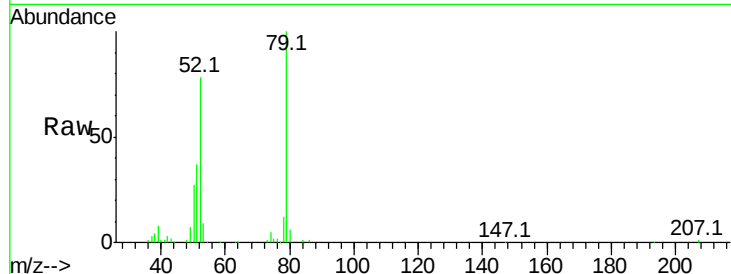
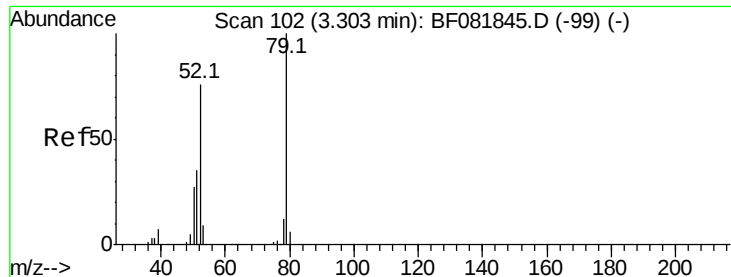


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





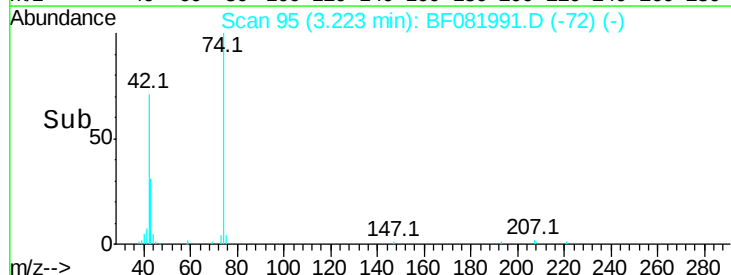
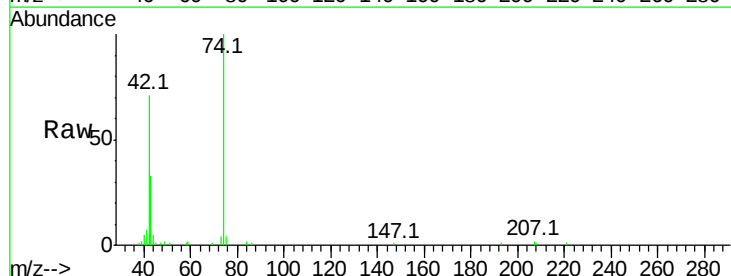
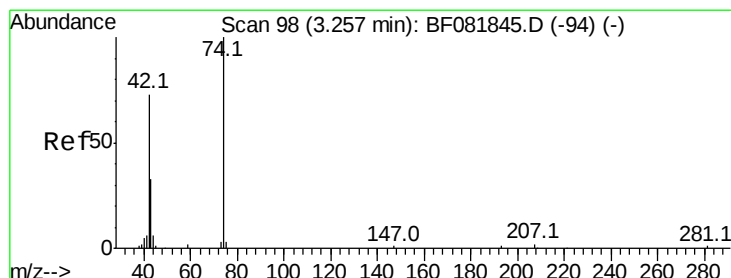
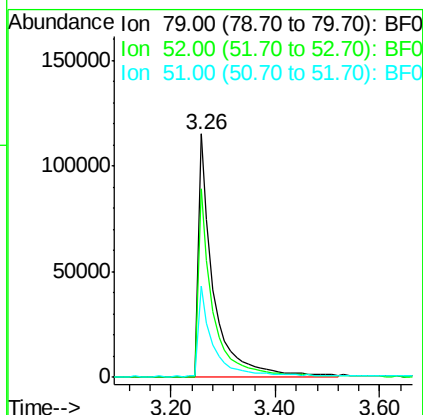
#3
Pvridine
Concen: 33.26 ng
RT: 3.26 min Scan# 98
Delta R.T. -0.05 min
Lab File: BF081991.D
Acq: 2 Oct 2015 21:05

Tot Ion	Ratio	Lower	Upper
79	100		
52	77.7	76.8	115.2
51	37.4	32.2	48.4

Instrument :
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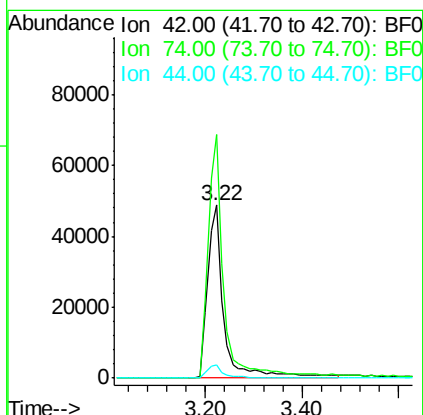
Manual Integrations
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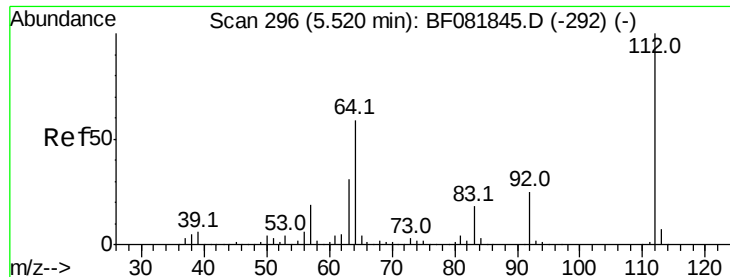
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#4
n-Nitrosodimethylamine
Concen: 36.14 ng
RT: 3.22 min Scan# 95
Delta R.T. -0.03 min
Lab File: BF081991.D
Acq: 2 Oct 2015 21:05

Tgt Ion	Ratio	Lower	Upper
42	100		
74	140.9	105.0	157.6
44	7.5	6.6	10.0





#5

2-Fluorophenol

Concen: 111.42 ng

RT: 5.49 min Scan# 293

Delta R.T. -0.03 min

Lab File: BF081991.D

Acq: 2 Oct 2015 21:05

Instrument :

BNA_F

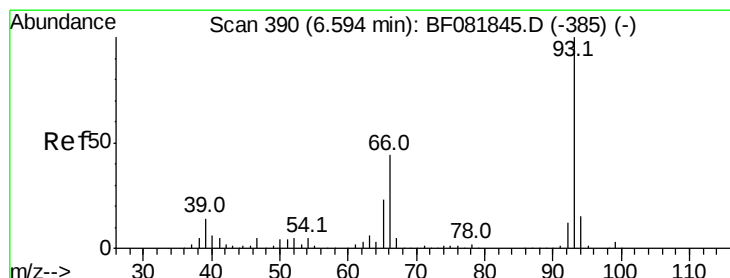
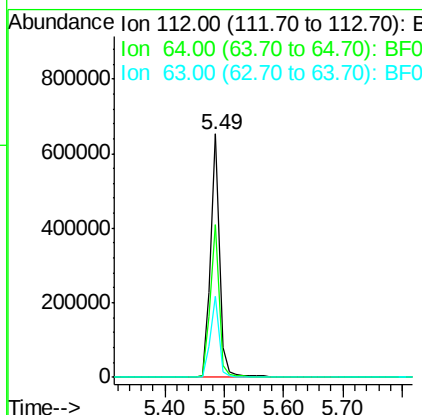
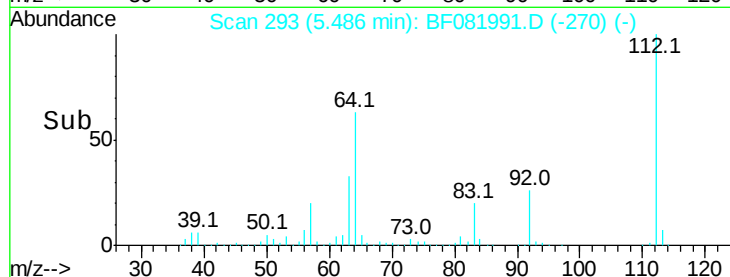
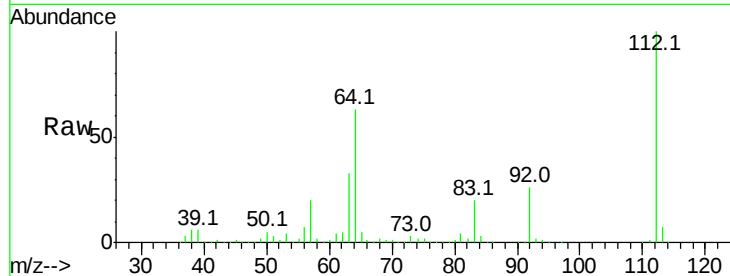
ClientSampleId :

OS-SB-24(16-18)MSD

Tot Ion:	112	Resp:	699238
Ion Ratio	Lower	Upper	
112	100		
64	62.9	39.7	59.5#
63	33.2	17.4	26.0#

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#6

Aniline

Concen: 23.17 ng

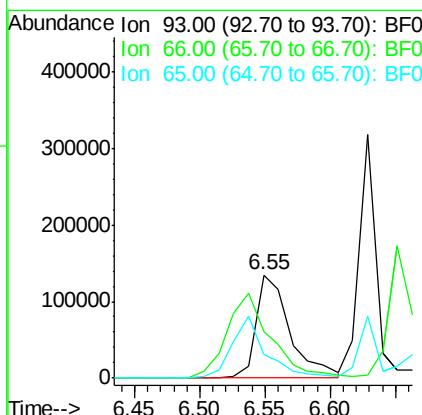
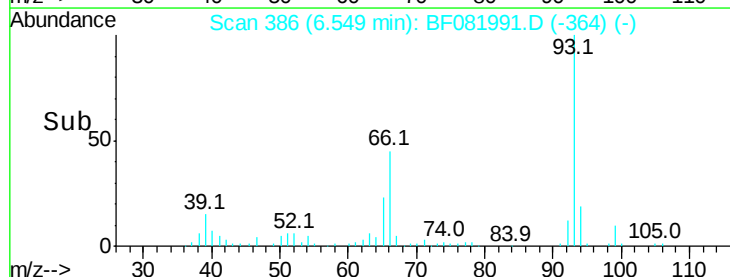
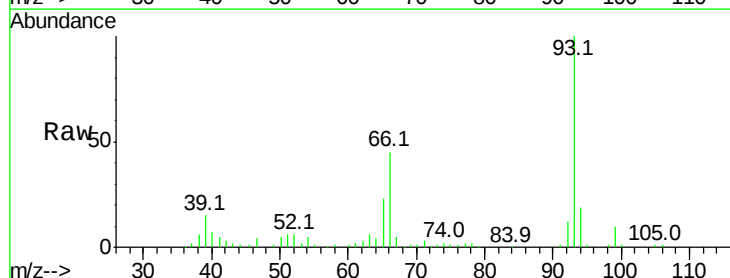
RT: 6.55 min Scan# 386

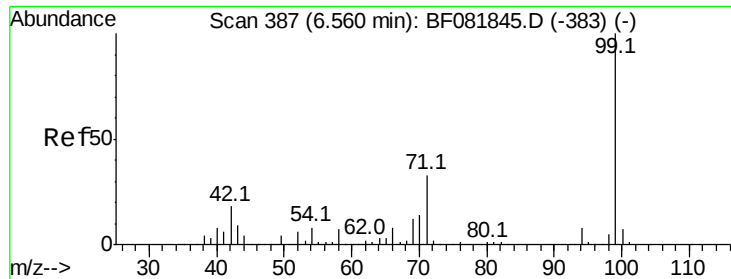
Delta R.T. -0.05 min

Lab File: BF081991.D

Acq: 2 Oct 2015 21:05

Tgt Ion:	93	Resp:	245851
Ion Ratio	Lower	Upper	
93	100		
66	45.1	27.2	40.8#
65	22.7	14.7	22.1#





#7

Phenol-d6

Concen: 123.69 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF081991.D

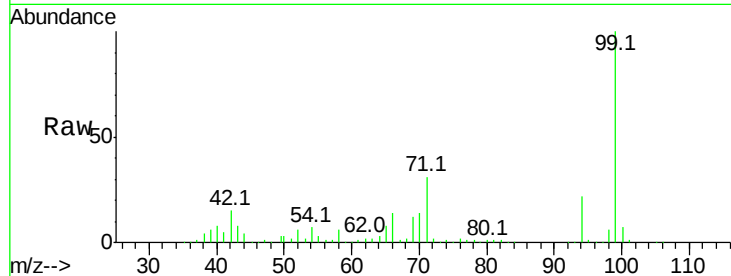
Acq: 2 Oct 2015 21:05

Instrument :

BNA_F

ClientSampleId :

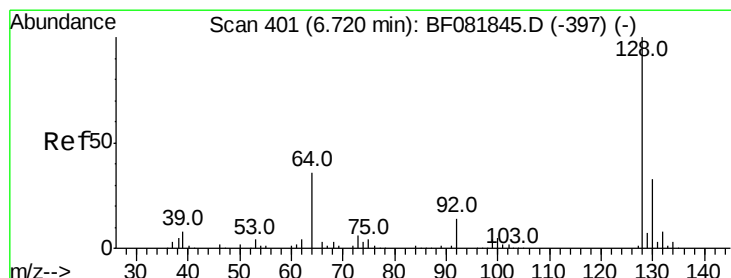
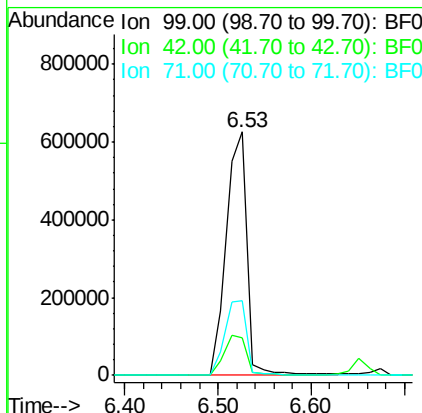
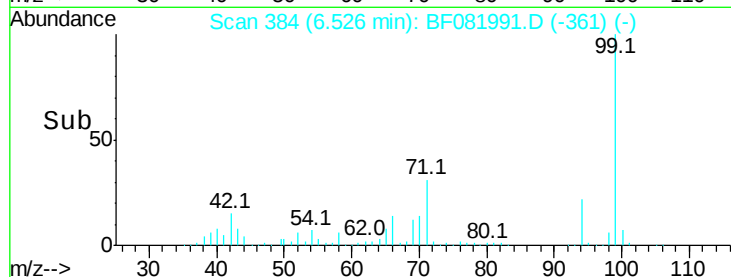
OS-SB-24(16-18)MSD



Tot Ion	99	Ratio	100	Resp	976776
Ion	99	100		Lower	Upper
	42	15.3	13.7	20.5	
	71	30.6	14.2	21.2	

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#8

2-Chlorophenol

Concen: 43.11 ng

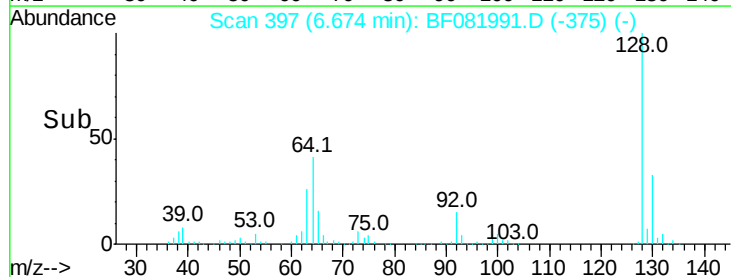
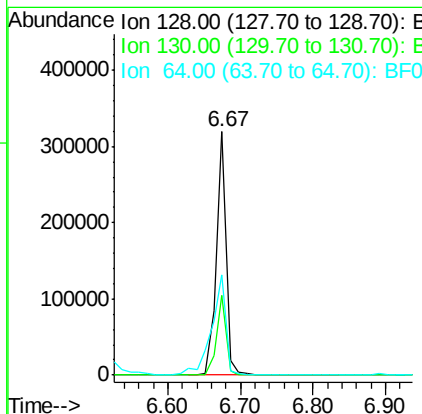
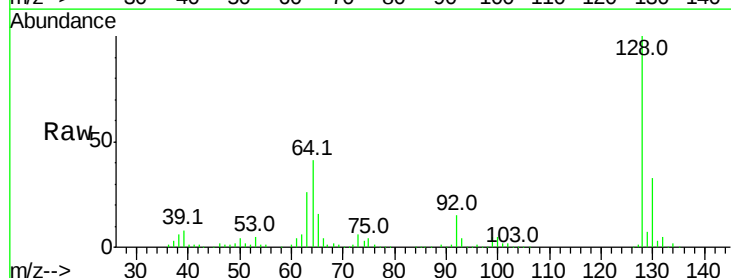
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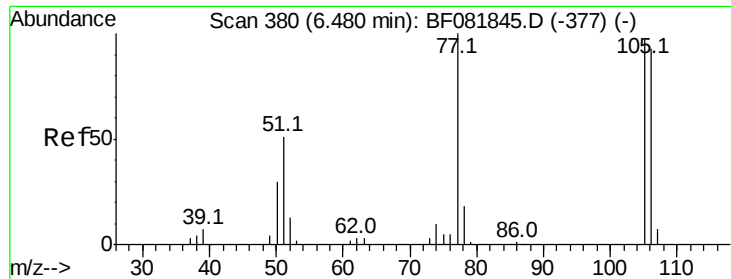
Delta R.T. -0.05 min

Lab File: BF081991.D

Acq: 2 Oct 2015 21:05

Tgt Ion	128	Ratio	100	Resp	298732
Ion	128	100		Lower	Upper
	130	32.8	12.2	52.2	
	64	41.1	20.5	60.5	





#9

Benzaldehyde

Concen: 10.46 ng

RT: 6.43 min Scan# 376

Delta R.T. -0.05 min

Lab File: BF081991.D

Acq: 2 Oct 2015 21:05

Instrument :

BNA_F

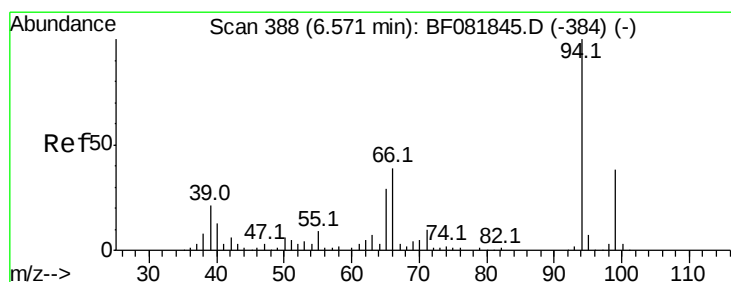
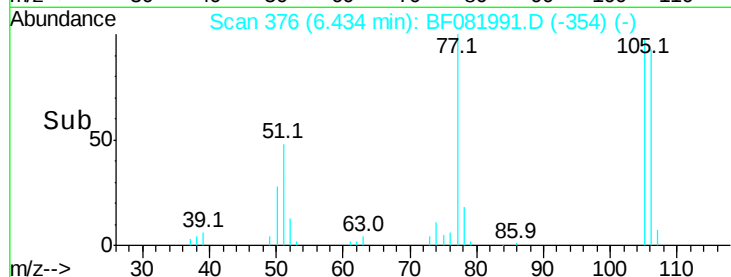
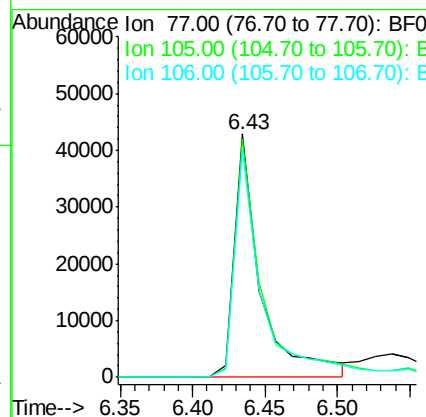
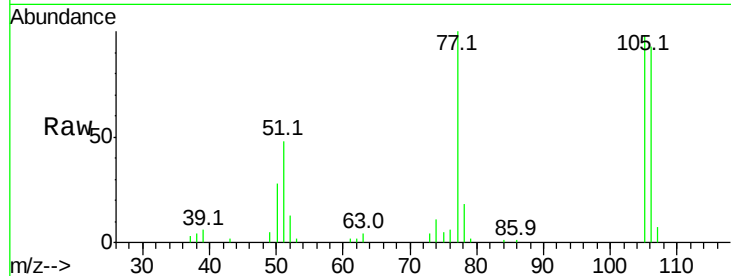
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Tot Ion:	77	Resp:	54104
Ion Ratio	Lower	Upper	
77	100		
105	98.1	91.6	131.6
106	93.0	102.6	142.6#

Manual Integrations
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#10

Phenol

Concen: 40.86 ng

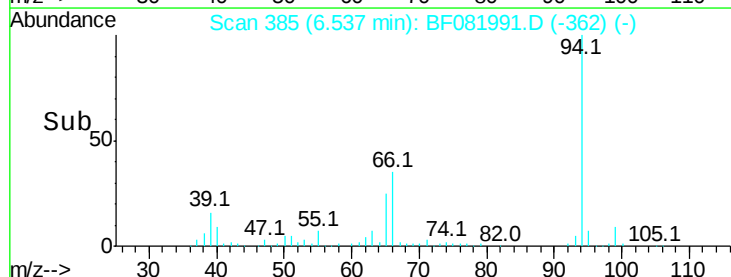
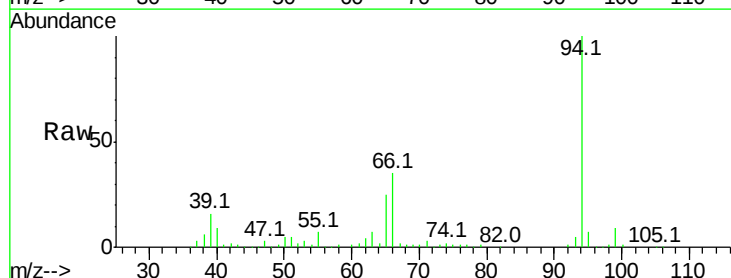
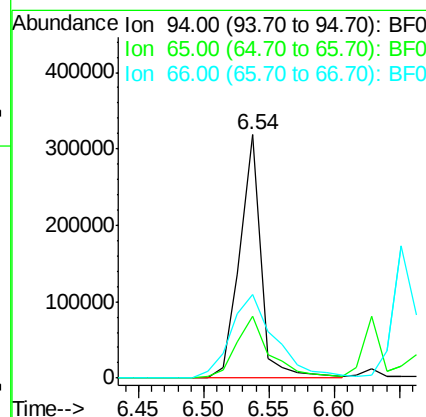
RT: 6.54 min Scan# 385

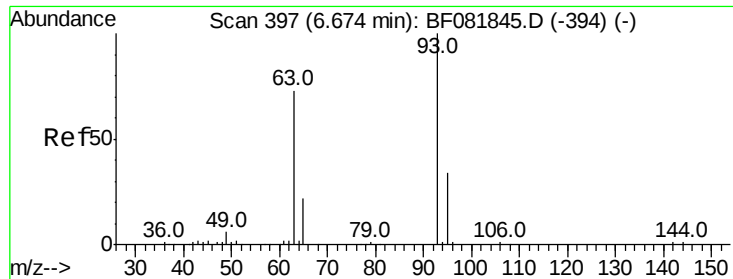
Delta R.T. -0.03 min

Lab File: BF081991.D

Acq: 2 Oct 2015 21:05

Tgt Ion:	94	Resp:	361978
Ion Ratio	Lower	Upper	
94	100		
65	25.5	0.7	40.7
66	34.6	0.8	40.8





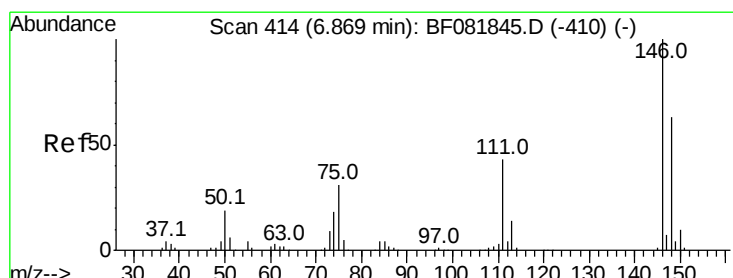
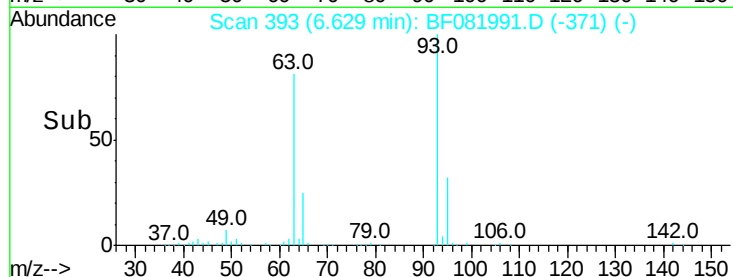
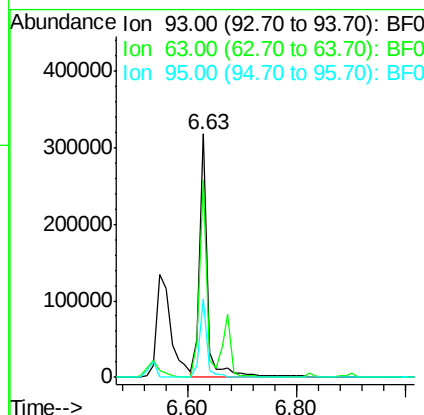
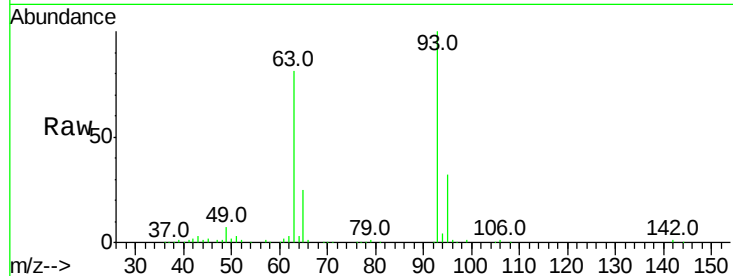
#11
bis(2-Chloroethyl)ether
Concen: 45.78 ng
RT: 6.63 min Scan# 393
Delta R.T. -0.05 min
Lab File: BF081991.D
Acq: 2 Oct 2015 21:05

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

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	81.1	65.6	105.6	
95	32.2	13.6	53.6	

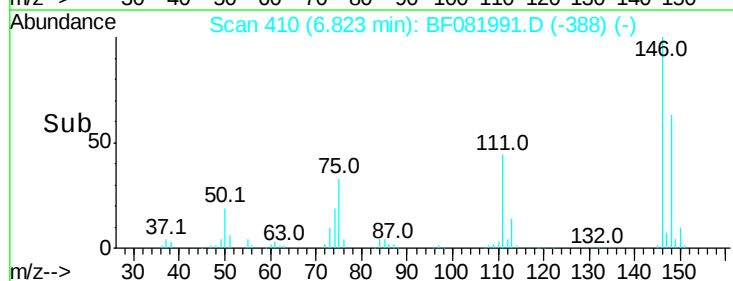
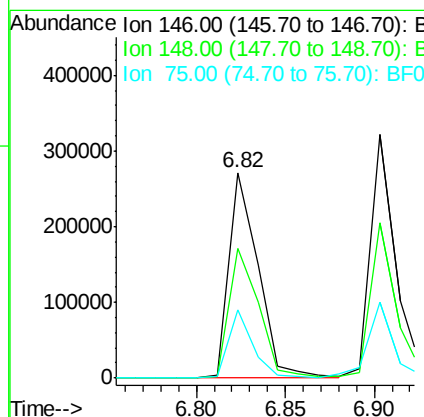
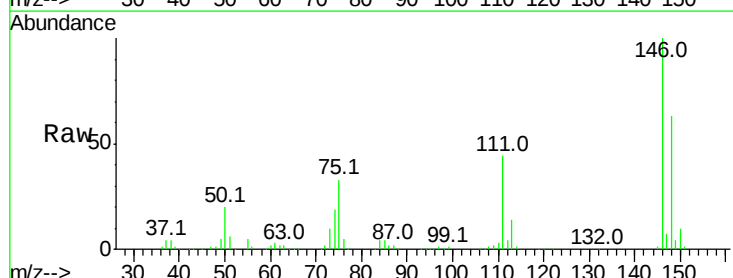
Manual Integrations
APPROVED

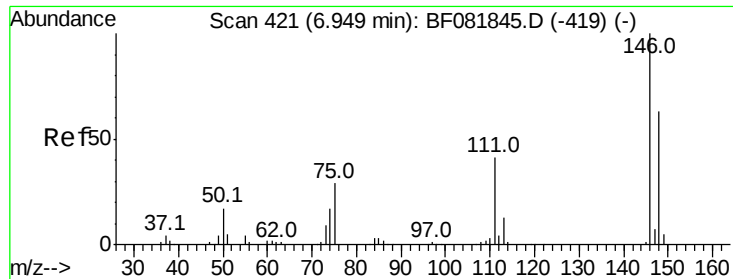
MMDADODA
10/5/2015 6:28:52 PM



#12
1,3-Dichlorobenzene
Concen: 38.23 ng m
RT: 6.82 min Scan# 410
Delta R.T. -0.05 min
Lab File: BF081991.D
Acq: 2 Oct 2015 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	63.0	51.0	76.4	
75	33.0	15.0	22.6	





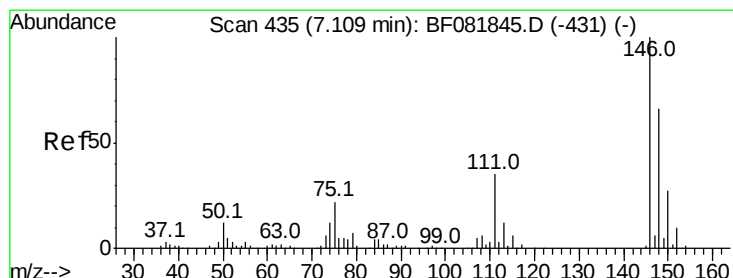
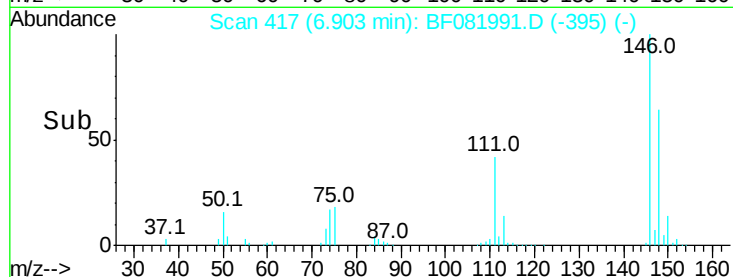
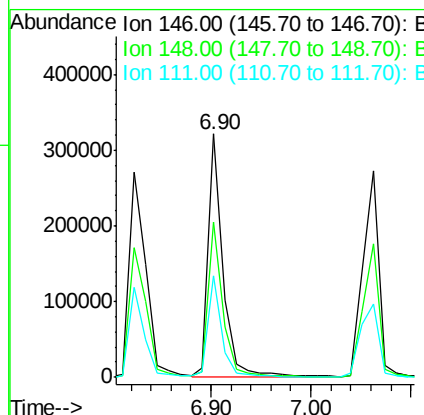
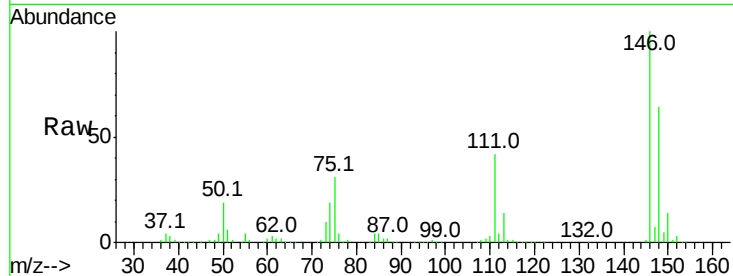
#13
1,4-Dichlorobenzene
Concen: 38.94 ng/mL
RT: 6.90 min Scan# 417
Delta R.T. -0.05 min
Lab File: BF081991.D
Acq: 2 Oct 2015 21:05

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.8	77.6
111	41.9	24.9	37.3

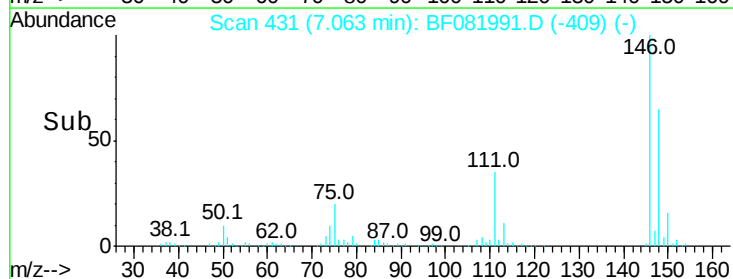
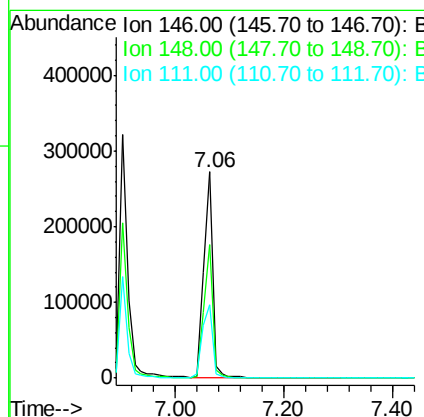
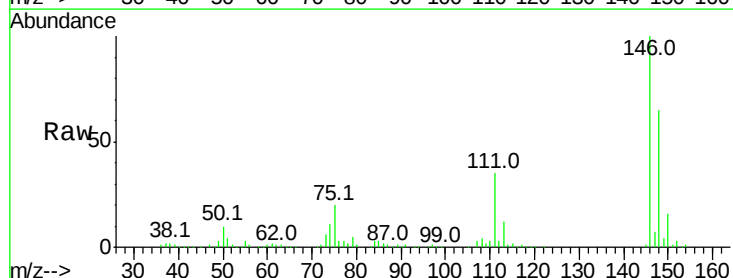
Manual Integrations
APPROVED

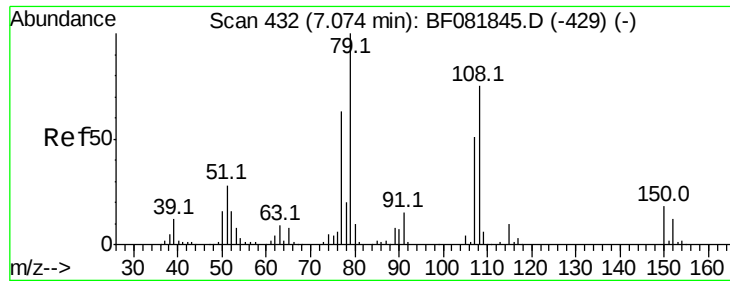
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#14
1,2-Dichlorobenzene
Concen: 40.70 ng/mL
RT: 7.06 min Scan# 431
Delta R.T. -0.05 min
Lab File: BF081991.D
Acq: 2 Oct 2015 21:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.7	79.1
111	35.5	28.8	43.2





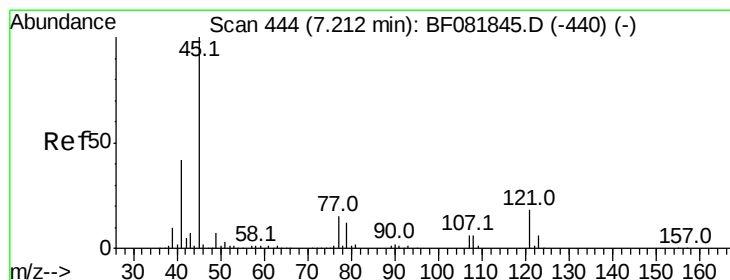
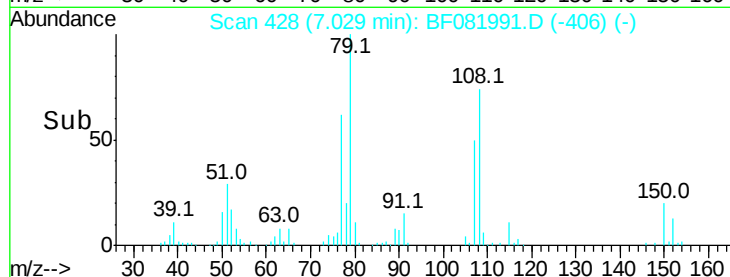
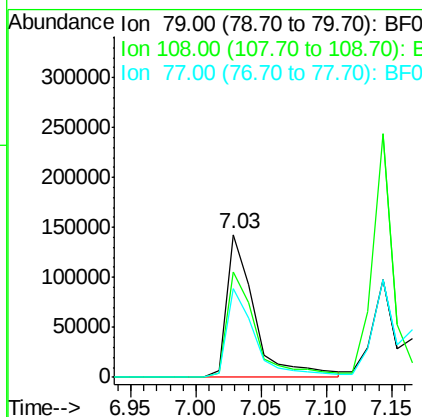
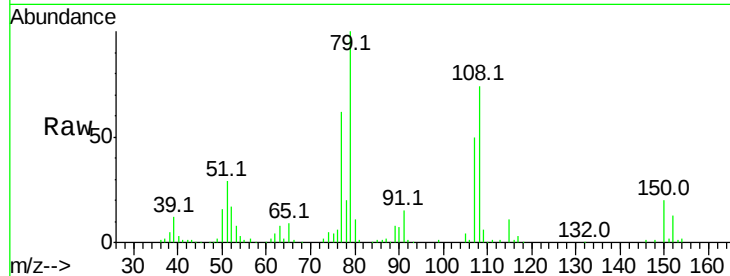
#15
Benzyl Alcohol
Concen: 37.29 ng
RT: 7.03 min Scan# 428
Delta R.T. -0.05 min
Lab File: BF081991.D
Acq: 2 Oct 2015 21:05

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

Tot Ion: 79 Resp: 212594
Ion Ratio Lower Upper
79 100
108 74.0 88.6 132.8#
77 62.2 47.0 70.4

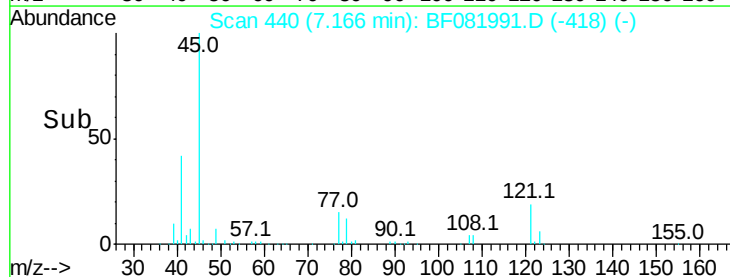
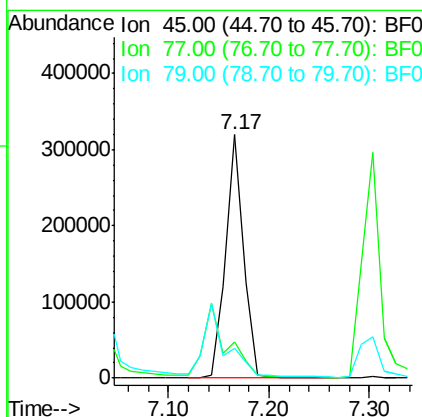
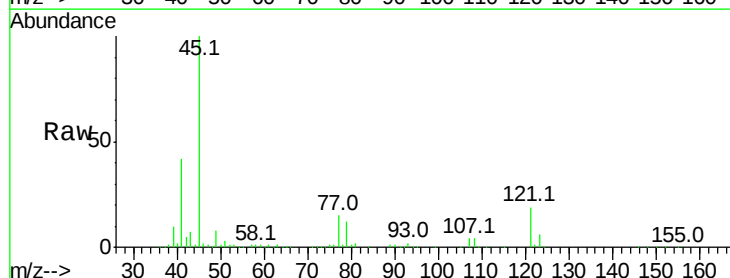
Manual Integrations
APPROVED

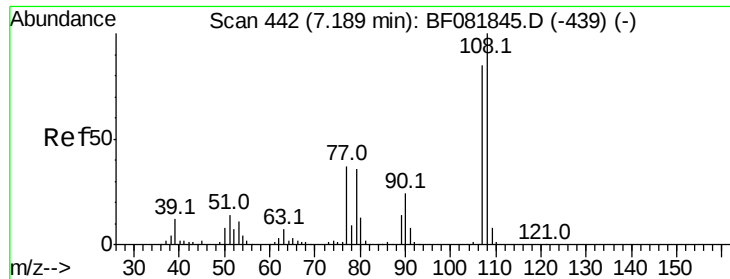
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.90 ng
RT: 7.17 min Scan# 440
Delta R.T. -0.05 min
Lab File: BF081991.D
Acq: 2 Oct 2015 21:05

Tgt Ion: 45 Resp: 397189
Ion Ratio Lower Upper
45 100
77 15.1 0.0 28.1
79 12.1 0.0 26.0





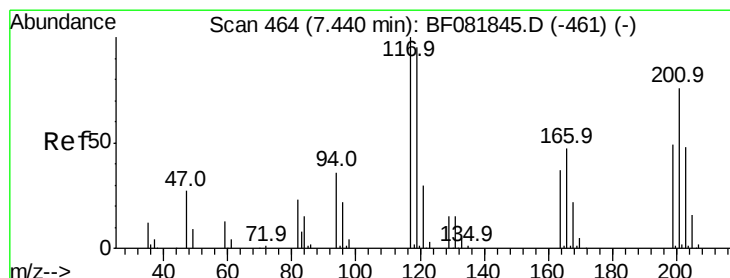
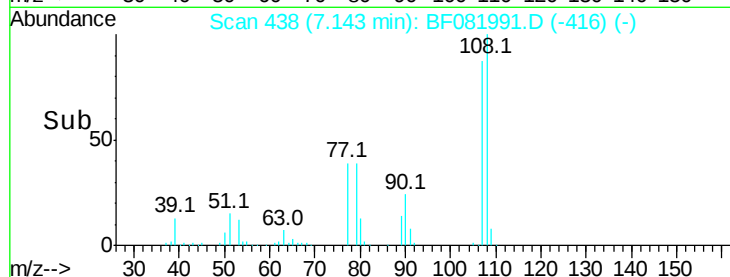
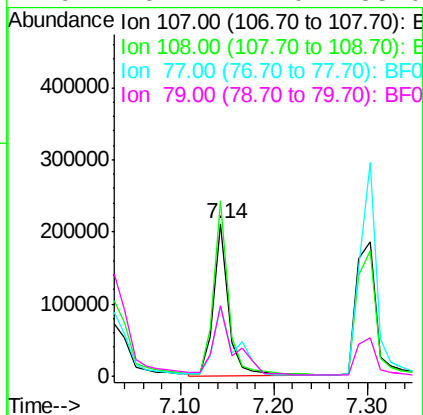
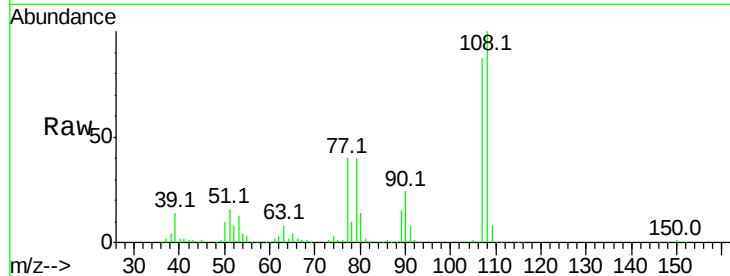
#17
2-Methylphenol
Concen: 41.72 ng
RT: 7.14 min Scan# 438
Delta R.T. -0.05 min
Lab File: BF081991.D
Acq: 2 Oct 2015 21:05

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100	234424		
108	115.4	96.6	145.0	
77	46.3	23.3	34.9	
79	46.1	22.0	33.0	

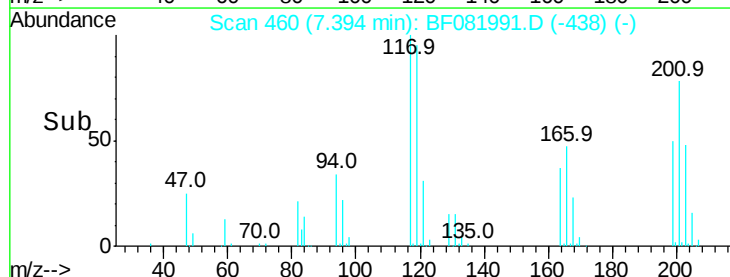
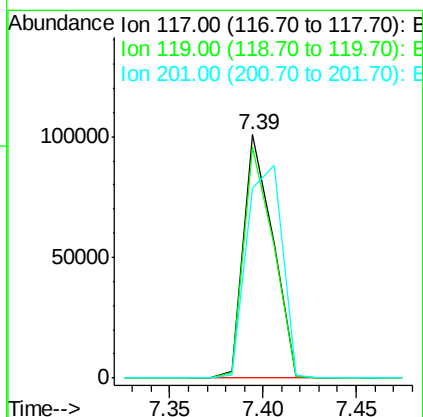
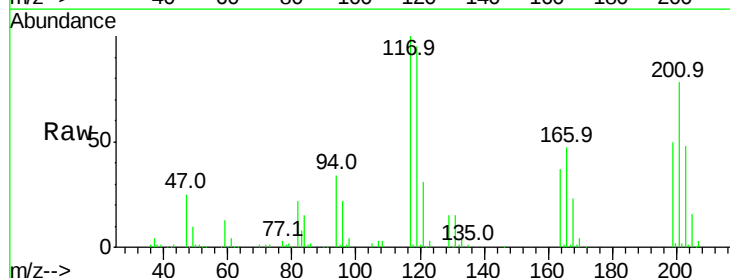
Manual Integrations
APPROVED

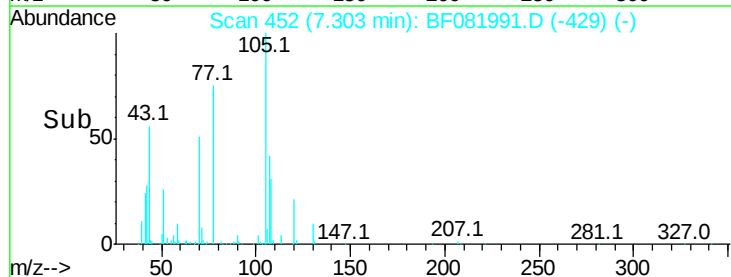
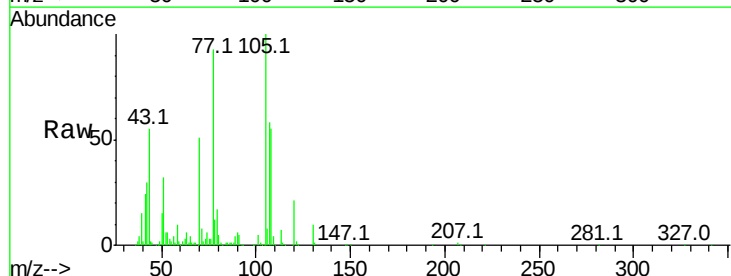
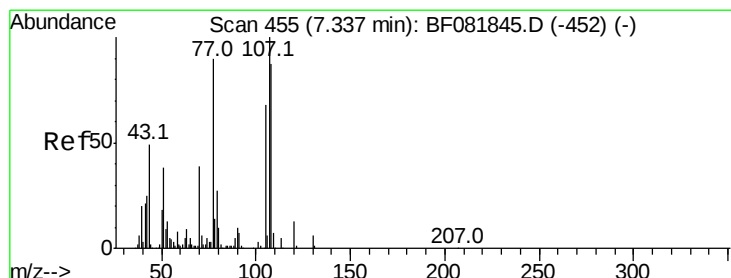
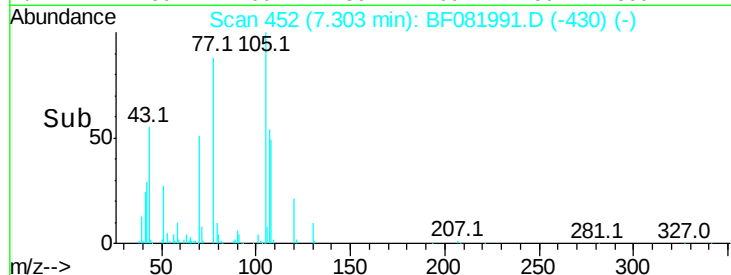
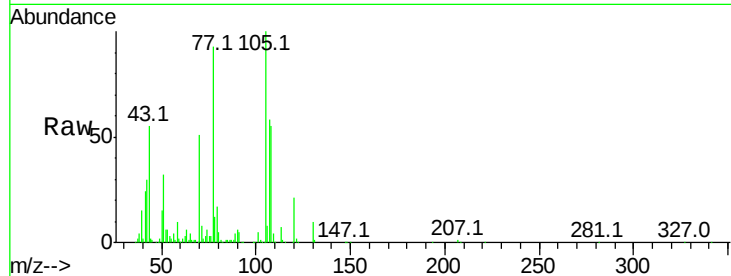
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#18
Hexachloroethane
Concen: 41.04 ng
RT: 7.39 min Scan# 460
Delta R.T. -0.05 min
Lab File: BF081991.D
Acq: 2 Oct 2015 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	109829		
119	94.8	83.8	125.6	
201	78.1	55.1	82.7	





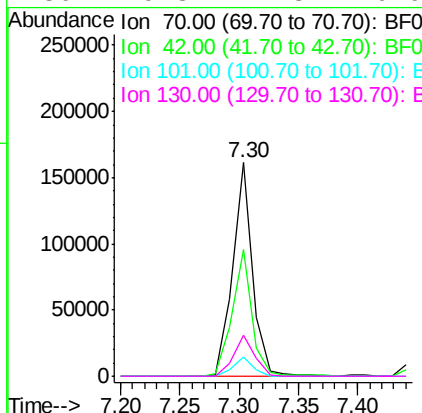
#19
n-Nitroso-di-n-propylamine
Concen: 39.01 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.05 min
Lab File: BF081991.D
Acq: 2 Oct 2015 21:05

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

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.1	63.8	95.6#
101	9.1	9.2	13.8#
130	19.3	27.3	40.9#

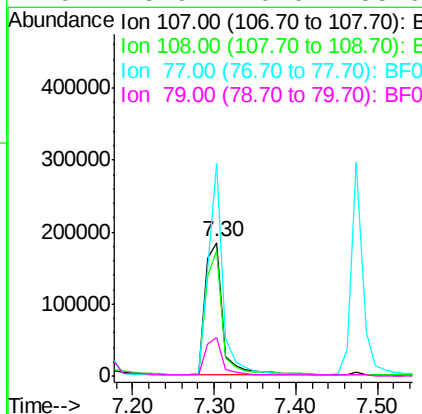
Manual Integrations
APPROVED

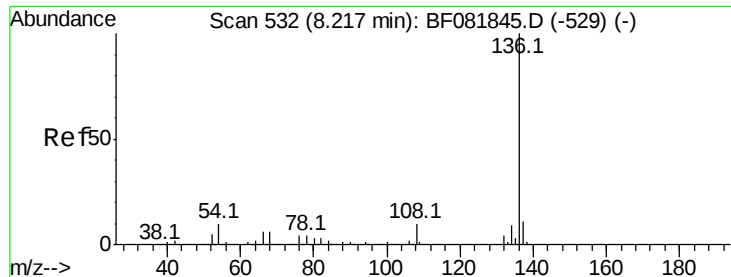
MMDADODA
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#20
3+4-Methylphenols
Concen: 40.01 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.03 min
Lab File: BF081991.D
Acq: 2 Oct 2015 21:05

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.5	74.6	114.6
77	159.3	0.7	40.7#
79	28.9	0.0	38.9





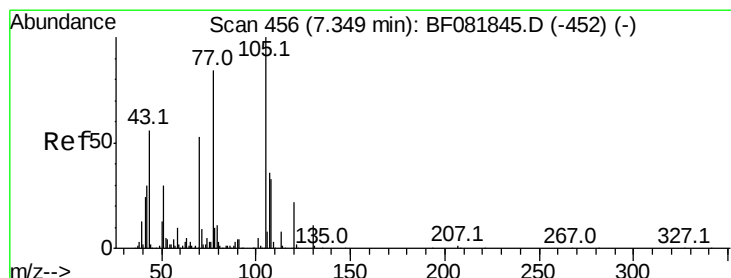
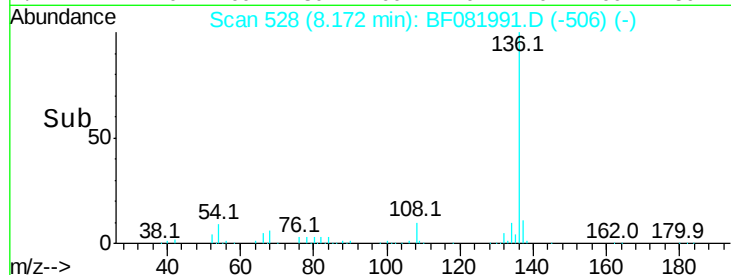
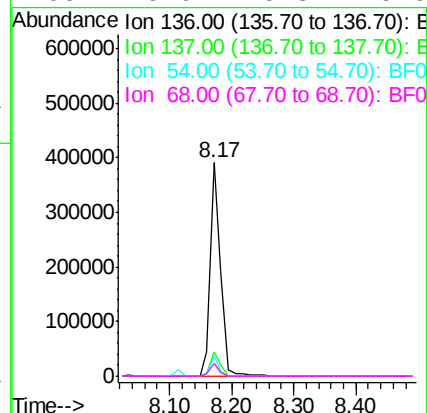
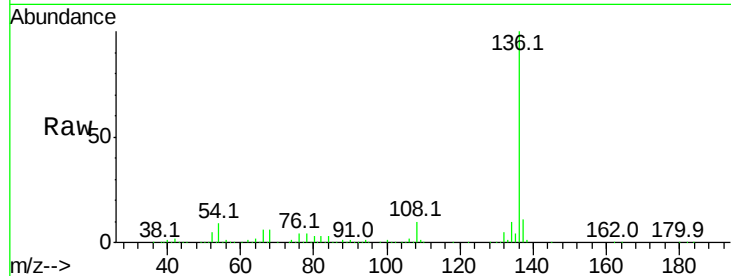
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF081991.D
Acq: 2 Oct 2015 21:05

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.0	13.6	
54	9.4	8.2	12.2	
68	5.9	5.8	8.6	

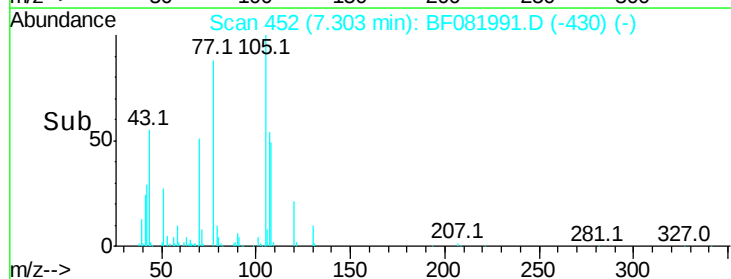
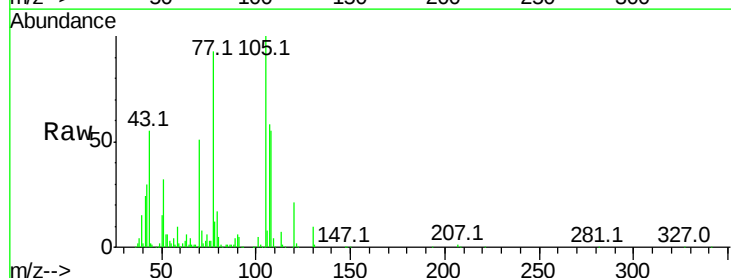
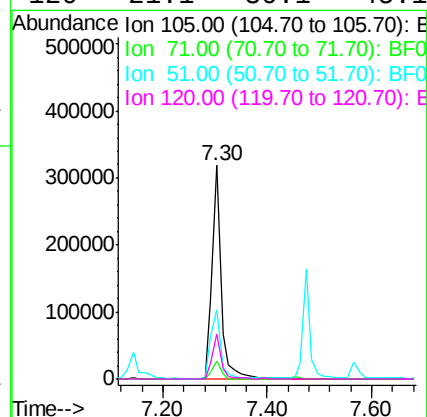
Manual Integrations
APPROVED

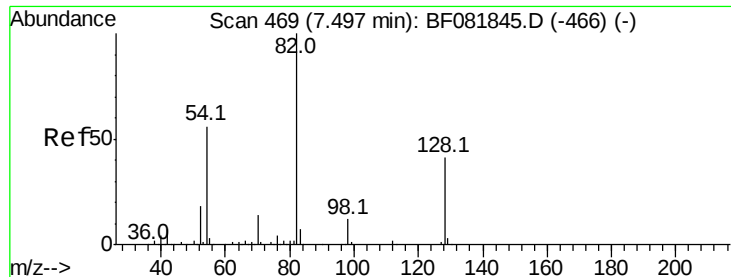
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#22
Acetophenone
Concen: 42.43 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.05 min
Lab File: BF081991.D
Acq: 2 Oct 2015 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.2	4.7	7.1#	
51	32.5	22.0	33.0	
120	21.1	30.1	45.1#	





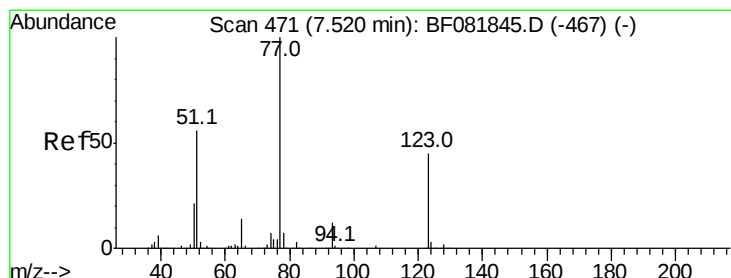
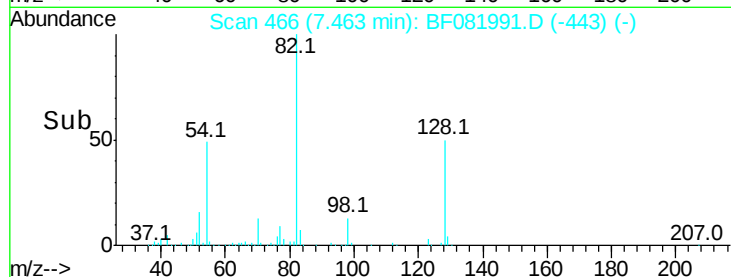
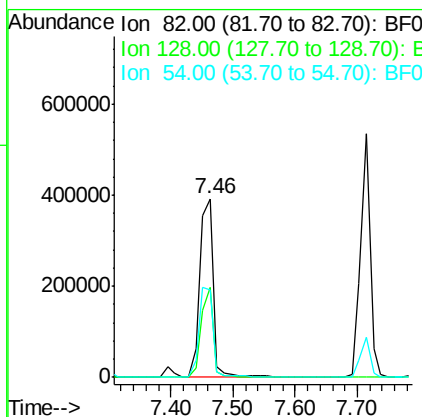
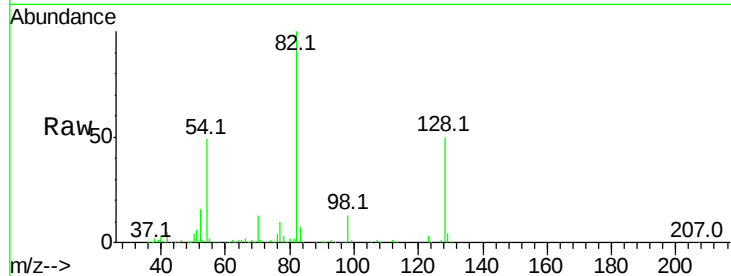
#23
Nitrobenzene-d5
Concen: 89.17 ng
RT: 7.46 min Scan# 466
Delta R.T. -0.03 min
Lab File: BF081991.D
Acq: 2 Oct 2015 21:05

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.4	51.0	76.6#
54	49.2	47.5	71.3

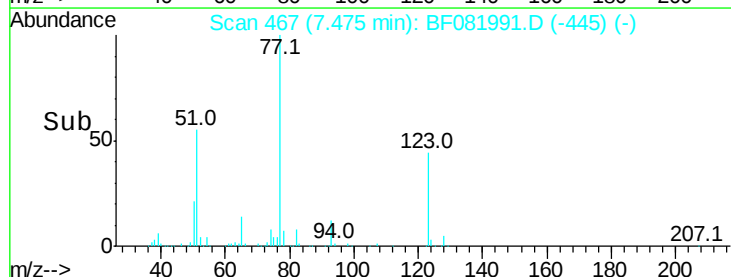
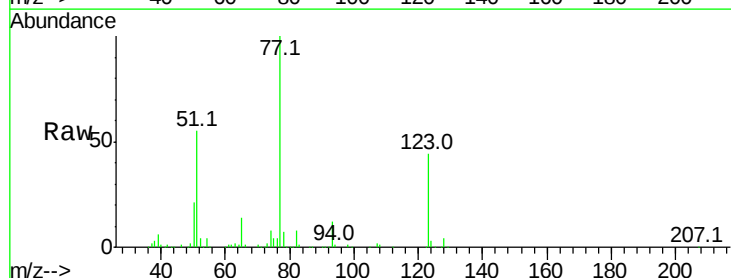
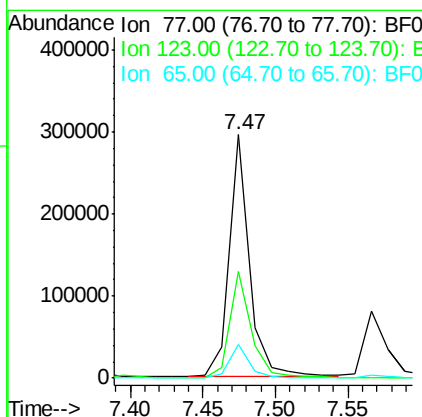
Manual Integrations
APPROVED

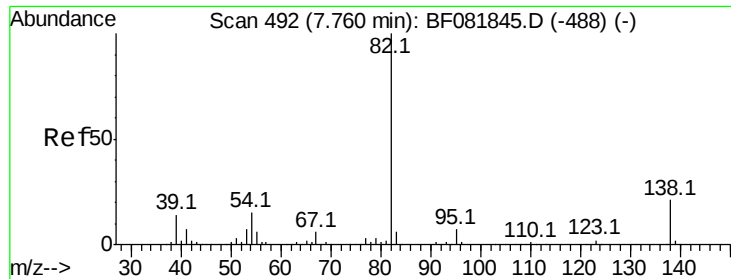
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#24
Nitrobenzene
Concen: 38.66 ng
RT: 7.47 min Scan# 467
Delta R.T. -0.05 min
Lab File: BF081991.D
Acq: 2 Oct 2015 21:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.0	59.8	89.8#
65	14.0	10.2	15.4





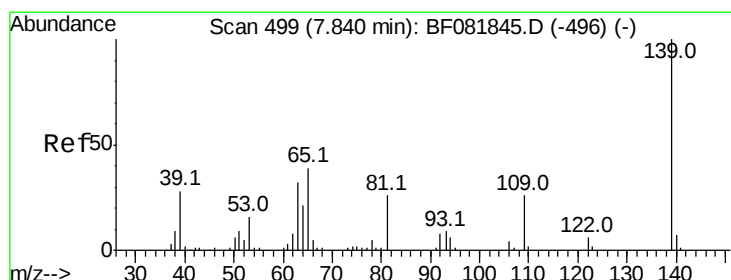
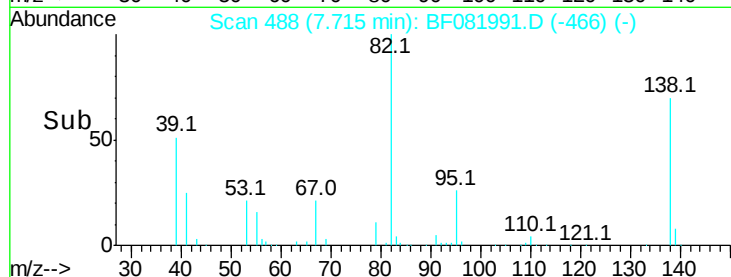
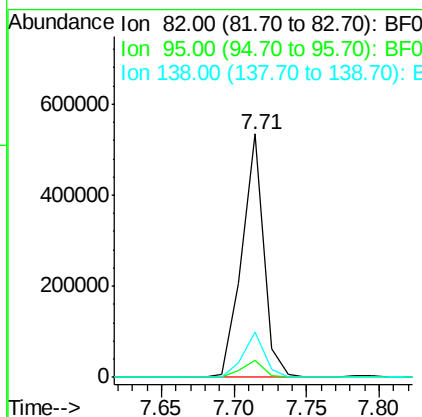
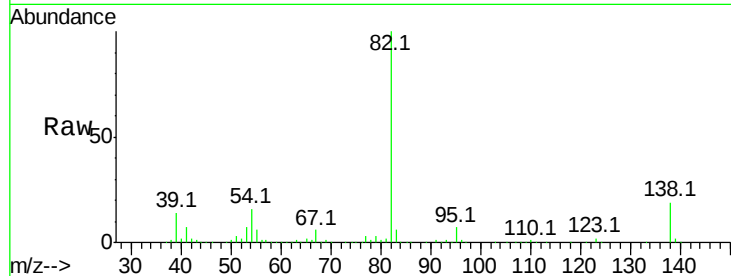
#25
Isophorone
Concen: 41.60 ng
RT: 7.71 min Scan# 488
Delta R.T. -0.05 min
Lab File: BF081991.D
Acq: 2 Oct 2015 21:05

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

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.1	4.0	6.0#	
138	18.6	18.3	27.5	

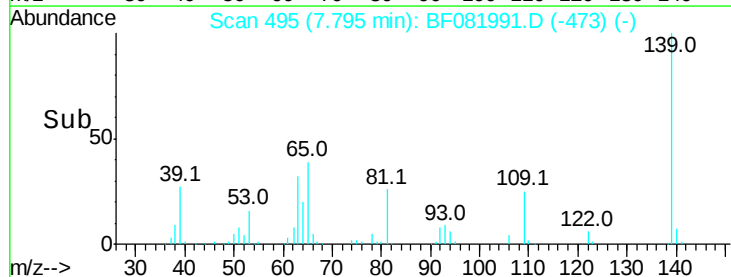
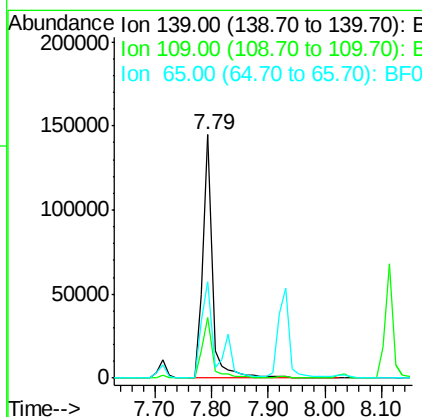
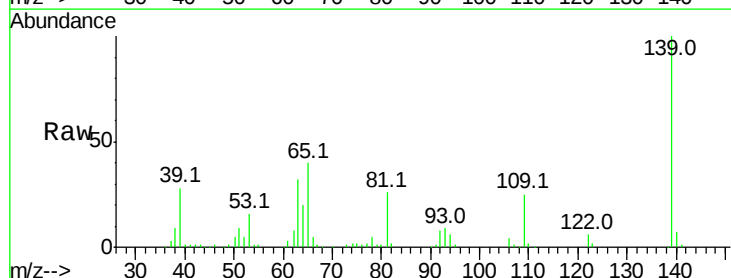
Manual Integrations
APPROVED

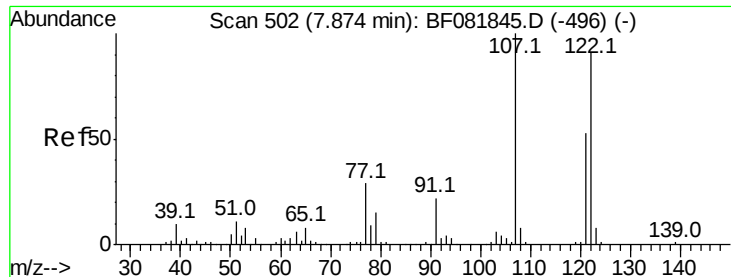
MMDADODA
10/5/2015 6:28:52 PM



#26
2-Nitrophenol
Concen: 47.11 ng
RT: 7.79 min Scan# 495
Delta R.T. -0.05 min
Lab File: BF081991.D
Acq: 2 Oct 2015 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	25.0	11.0	16.4#	
65	39.5	24.7	37.1#	





#27

2,4-Dimethylphenol

Concen: 43.94 ng

RT: 7.83 min Scan# 498

Delta R.T. -0.05 min

Lab File: BF081991.D

Acq: 2 Oct 2015 21:05

Instrument :

BNA_F

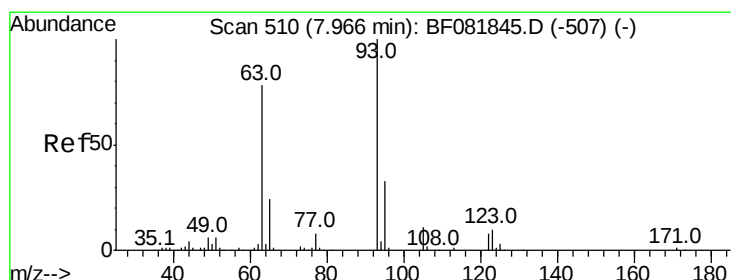
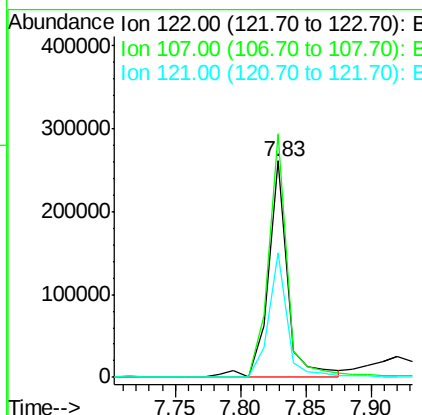
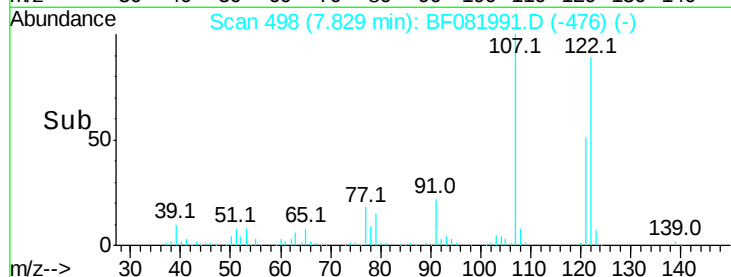
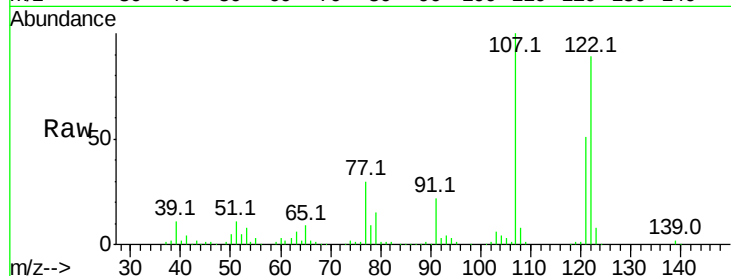
ClientSampleId :

OS-SB-24(16-18)MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	273380		
107	112.5	71.8	107.6#	
121	57.3	42.3	63.5	

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#28

bis(2-Chloroethoxy)methane

Concen: 43.57 ng

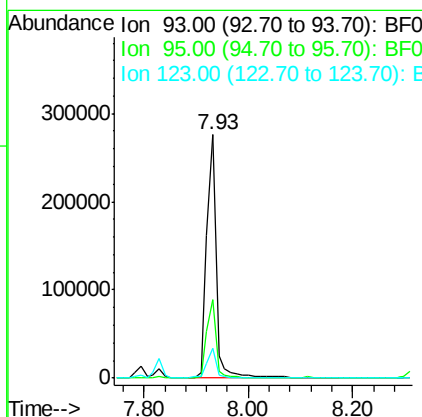
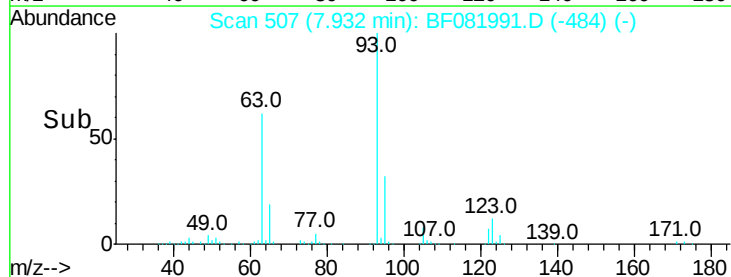
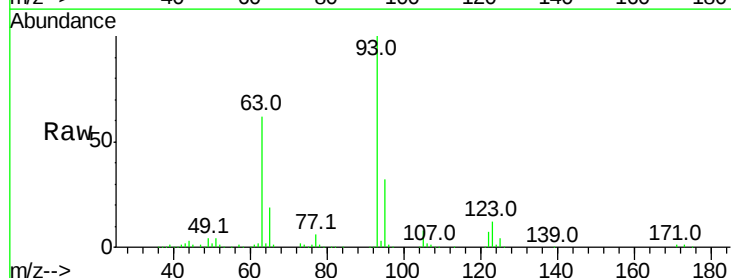
RT: 7.93 min Scan# 507

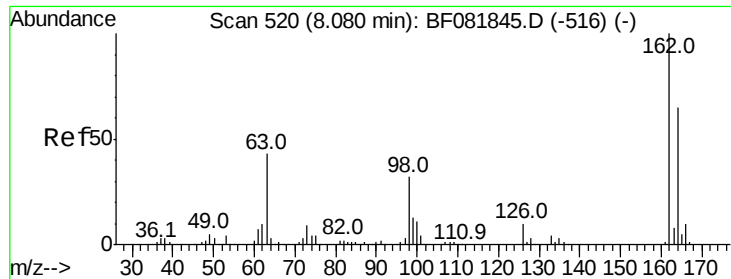
Delta R.T. -0.03 min

Lab File: BF081991.D

Acq: 2 Oct 2015 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	347928		
95	32.4	27.5	41.3	
123	12.2	13.7	20.5#	





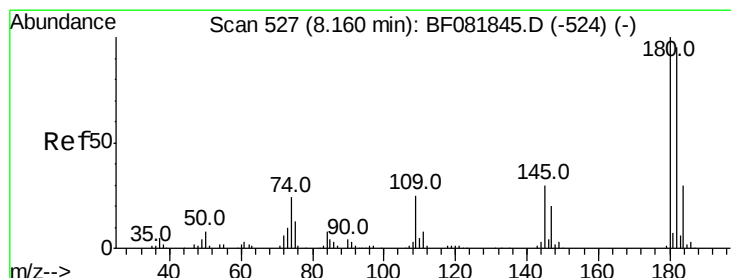
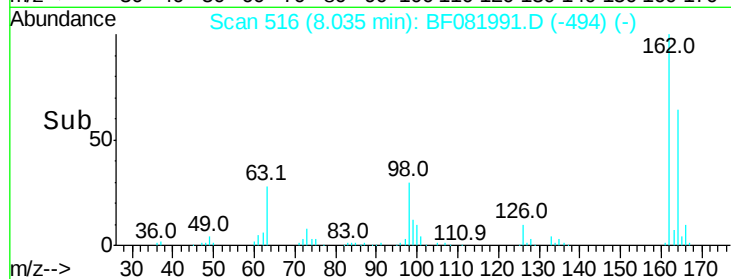
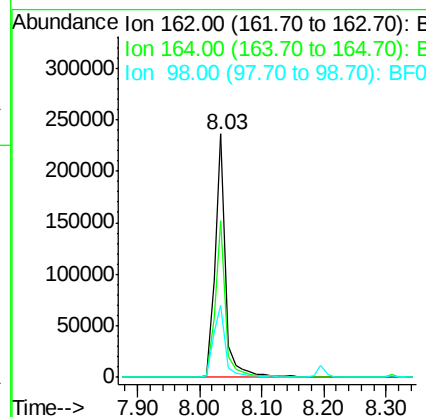
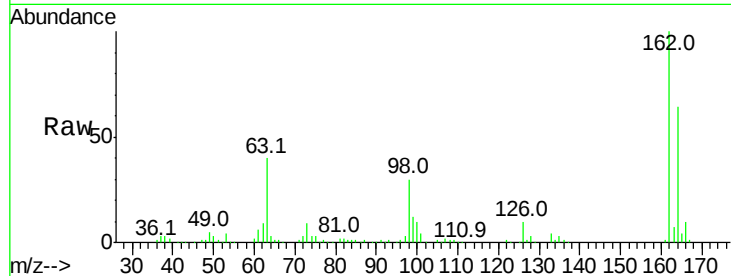
#29
 2,4-Dichlorophenol
 Concen: 46.02 ng
 RT: 8.03 min Scan# 516
 Delta R.T. -0.05 min
 Lab File: BF081991.D
 Acq: 2 Oct 2015 21:05

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

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.1	44.9	84.9
98	29.7	13.0	53.0

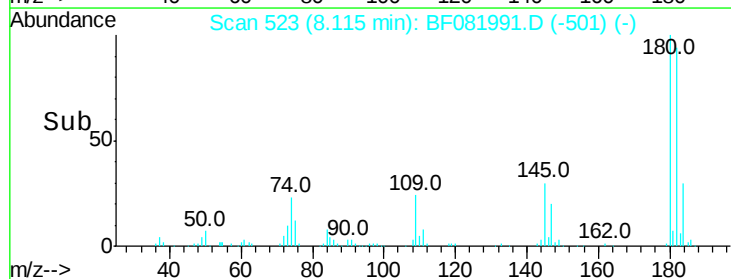
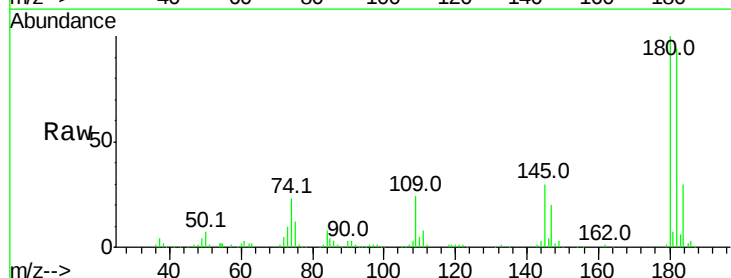
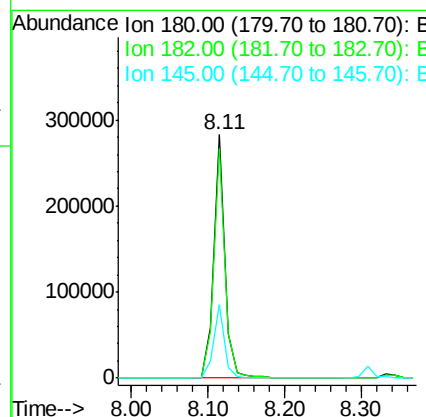
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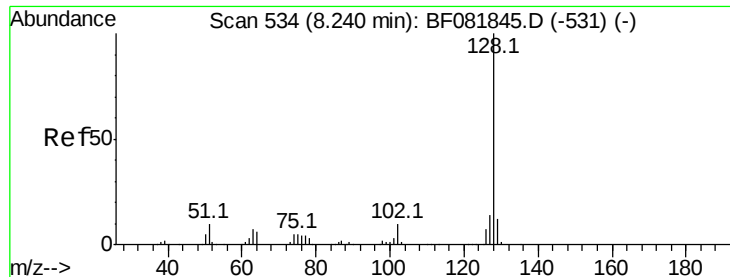
MMDADODA
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.82 ng
 RT: 8.11 min Scan# 523
 Delta R.T. -0.05 min
 Lab File: BF081991.D
 Acq: 2 Oct 2015 21:05

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.2	77.1	115.7
145	30.0	23.3	34.9





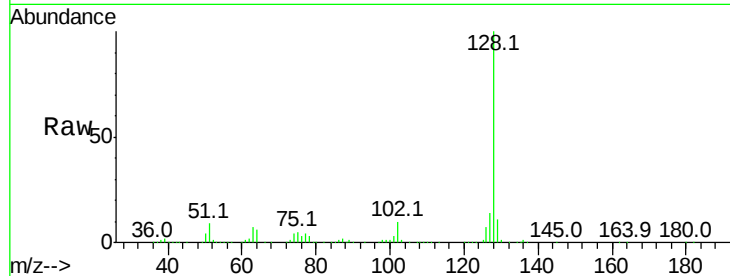
#31
Naphthalene
Concen: 39.33 ng/ml
RT: 8.19 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF081991.D
Acq: 2 Oct 2015 21:05

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

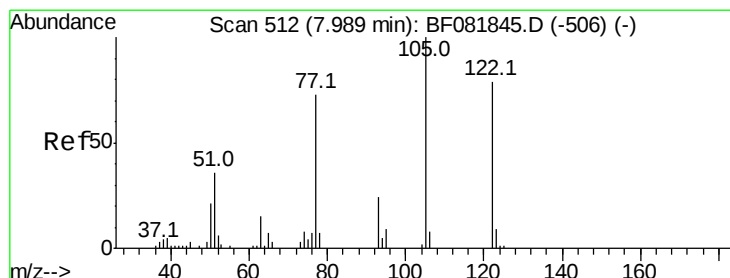
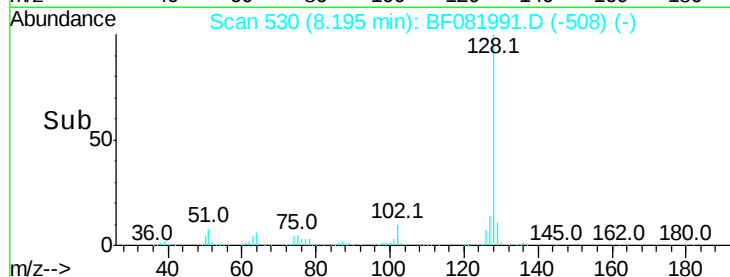
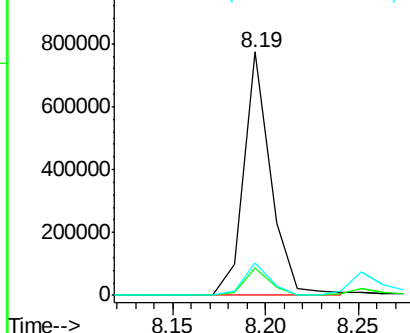
Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.4	8.4	12.6	
127	13.6	9.9	14.9	

Manual Integrations
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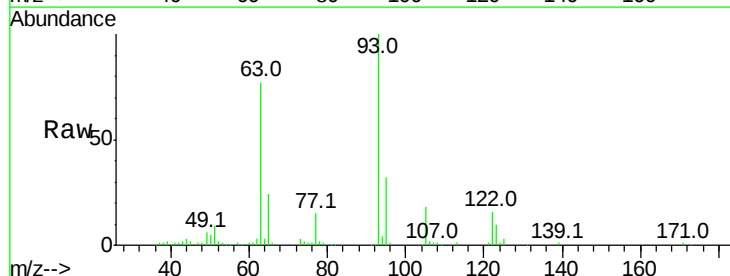


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

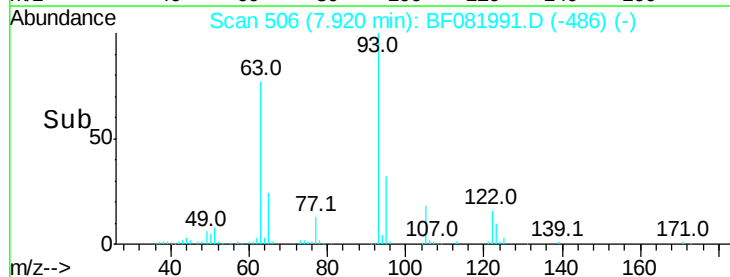
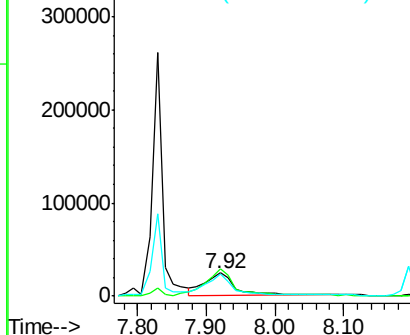


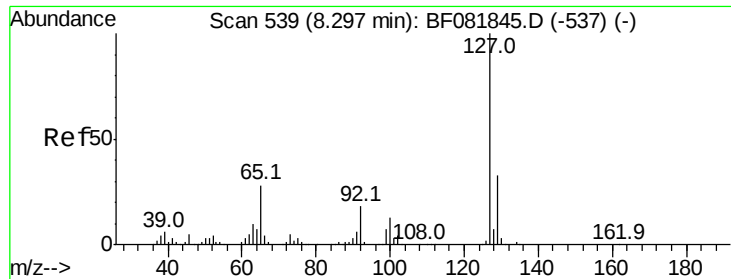
#32
Benzoic acid
Concen: 24.61 ng
RT: 7.92 min Scan# 506
Delta R.T. -0.07 min
Lab File: BF081991.D
Acq: 2 Oct 2015 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	116.1	76.1	116.1	
77	93.6	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





#33

4-Chloroaniline

Concen: 15.07 ng

RT: 8.25 min Scan# 535

Delta R.T. -0.05 min

Lab File: BF081991.D

Acq: 2 Oct 2015 21:05

Instrument :

BNA_F

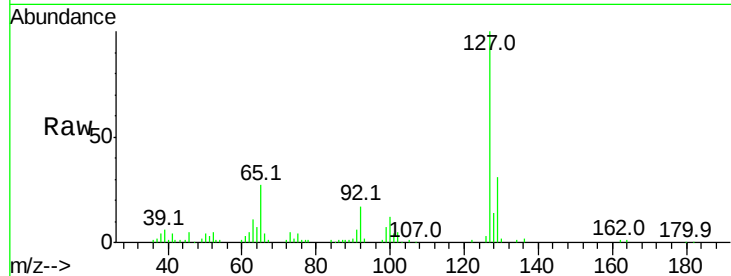
ClientSampleId :

OS-SB-24(16-18)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.4	25.8	38.6		
65	27.1	17.9	26.9		
92	17.5	10.5	15.7		

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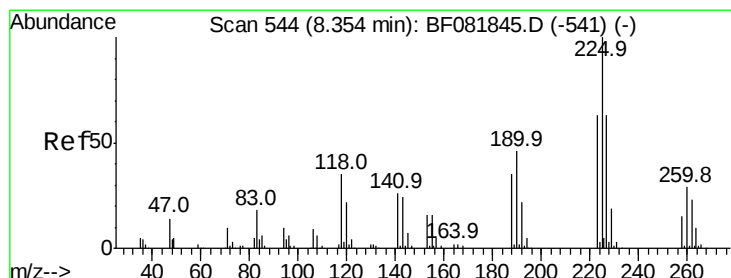
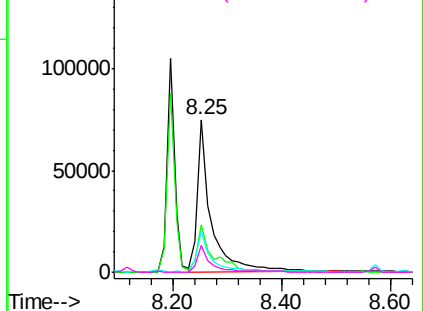
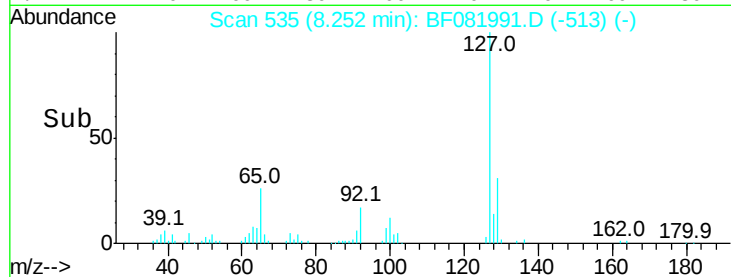


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 40.84 ng

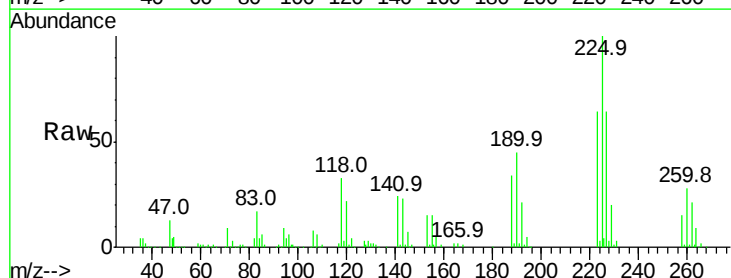
RT: 8.31 min Scan# 540

Delta R.T. -0.05 min

Lab File: BF081991.D

Acq: 2 Oct 2015 21:05

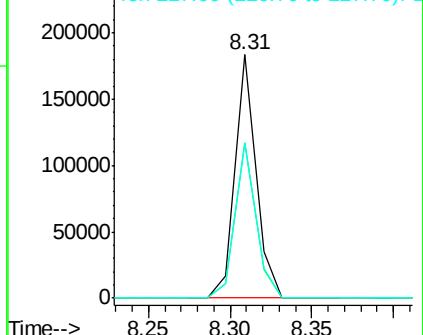
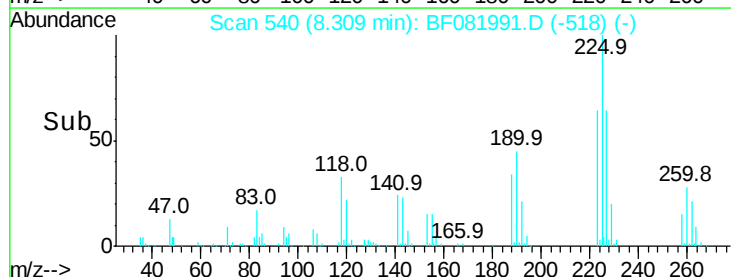
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.9	50.2	75.2		
227	63.9	52.2	78.2		

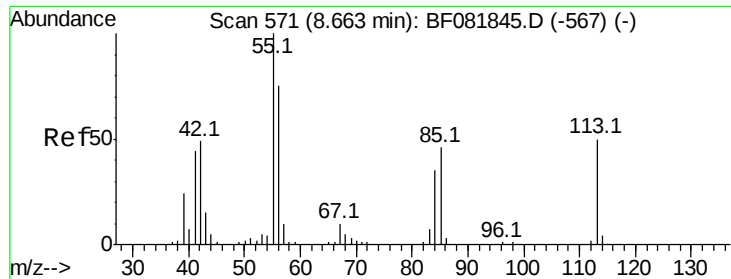


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





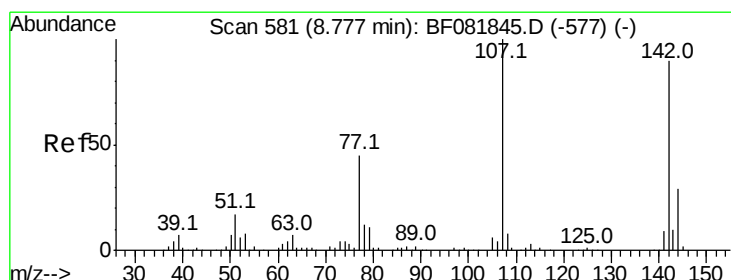
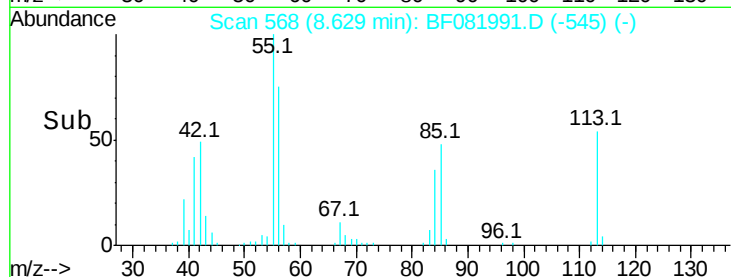
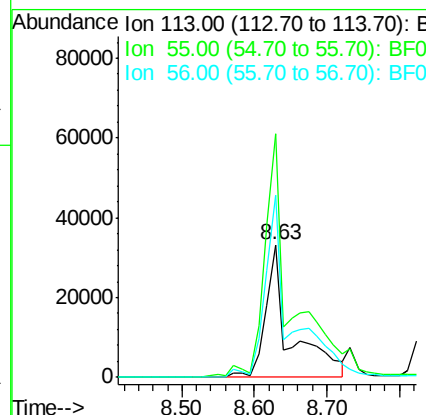
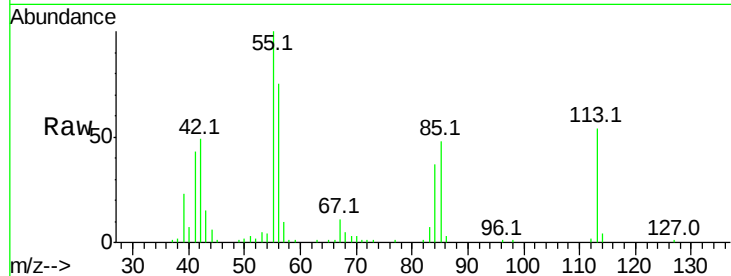
#35
Caprolactam
Concen: 46.64 ng/ml
RT: 8.63 min Scan# 568
Delta R.T. -0.03 min
Lab File: BF081991.D
Acq: 2 Oct 2015 21:05

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

Tot Ion:113 Resp: 77890
Ion Ratio Lower Upper
113 100
55 184.0 152.4 192.4
56 137.8 104.6 144.6

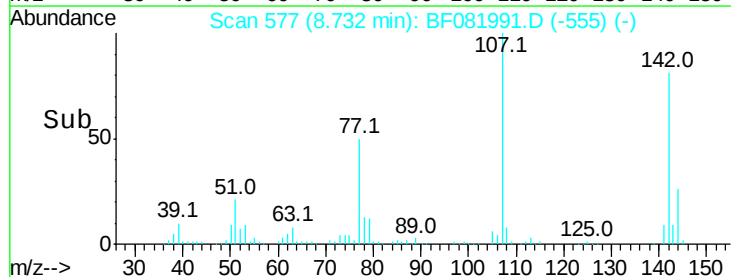
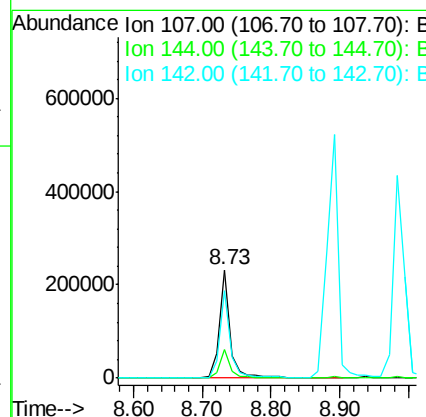
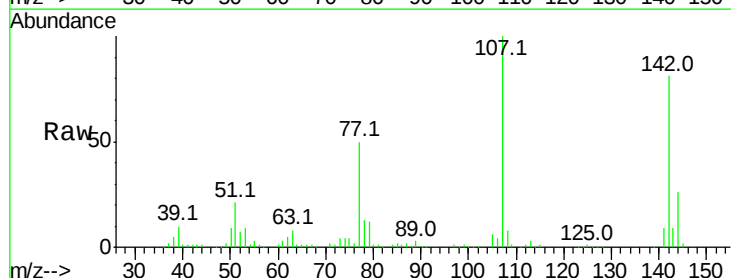
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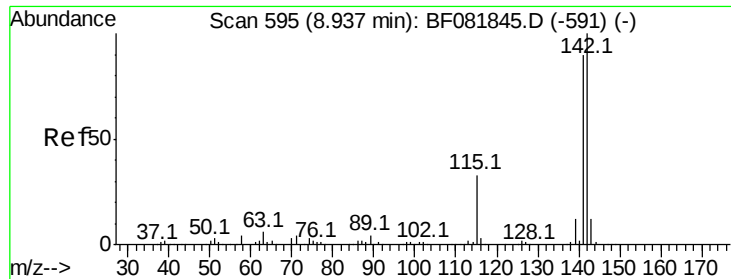
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#36
4-Chloro-3-methylphenol
Concen: 44.80 ng
RT: 8.73 min Scan# 577
Delta R.T. -0.05 min
Lab File: BF081991.D
Acq: 2 Oct 2015 21:05

Tgt Ion:107 Resp: 264277
Ion Ratio Lower Upper
107 100
144 26.1 25.4 38.0
142 80.8 77.3 115.9





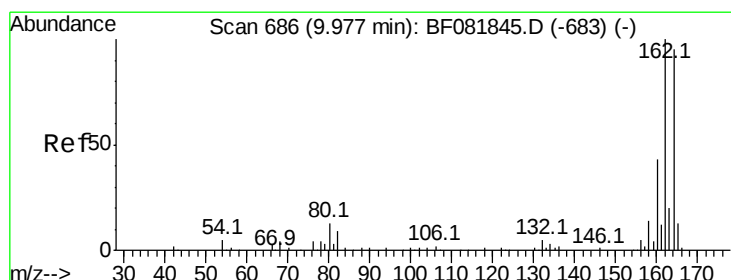
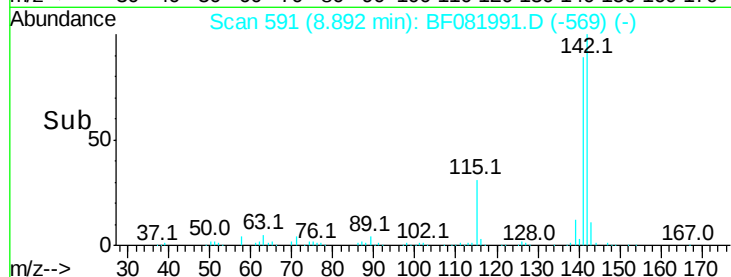
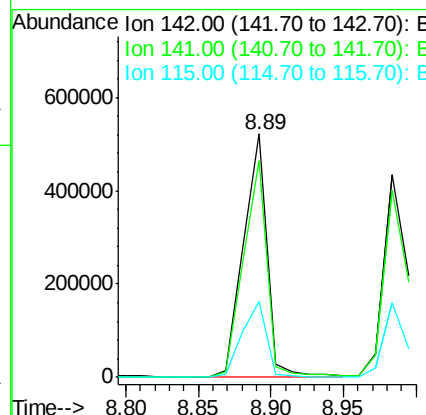
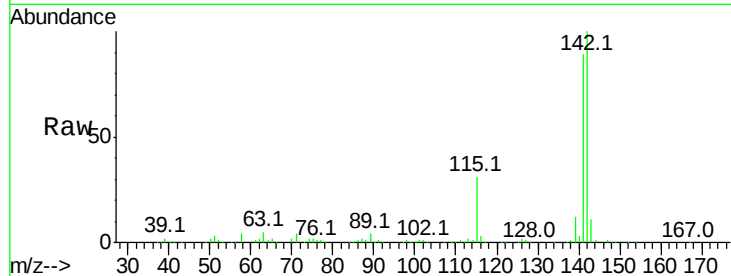
#37
2-Methylnaphthalene
Concen: 43.05 ng
RT: 8.89 min Scan# 591
Delta R.T. -0.05 min
Lab File: BF081991.D
Acq: 2 Oct 2015 21:05

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

Tot Ion	Ratio	Resp	Lower	Upper
142	100	588864		
141	88.8	67.5	101.3	
115	31.2	18.2	27.2	

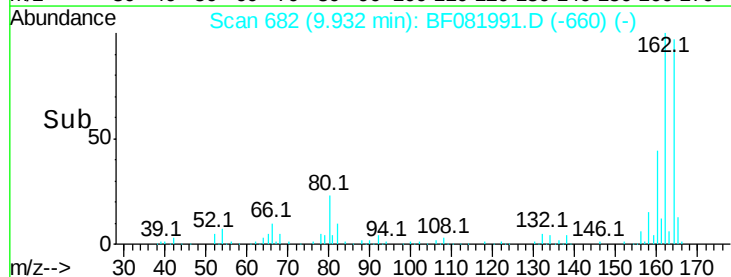
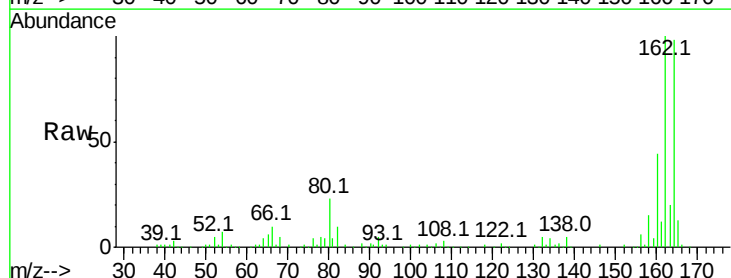
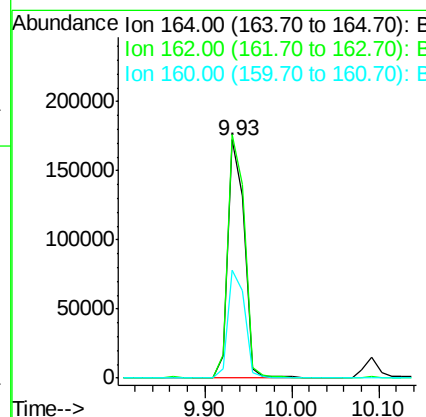
Manual Integrations
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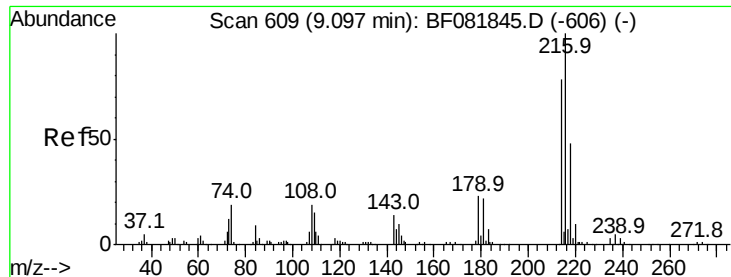
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF081991.D
Acq: 2 Oct 2015 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	229159		
162	102.1	75.2	112.8	
160	45.3	31.5	47.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.65 ng

RT: 9.05 min Scan# 605

Delta R.T. -0.05 min

Lab File: BF081991.D

Acq: 2 Oct 2015 21:05

Instrument :

BNA_F

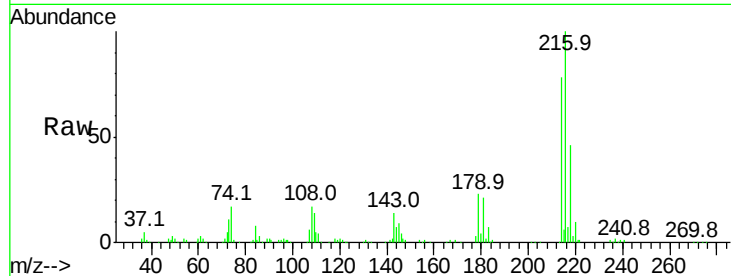
ClientSampleId :

OS-SB-24(16-18)MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	278933		
214	77.7	63.5	95.3	
179	21.4	16.6	24.8	
108	17.8	16.3	24.5	

Manual Integrations
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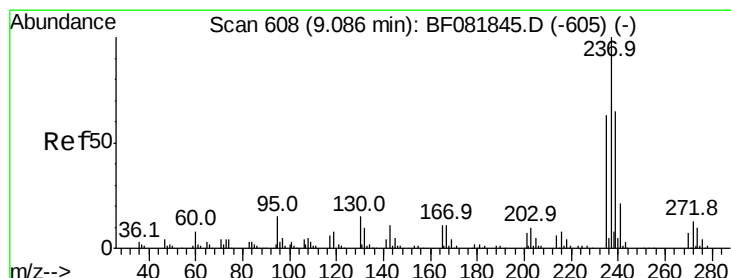
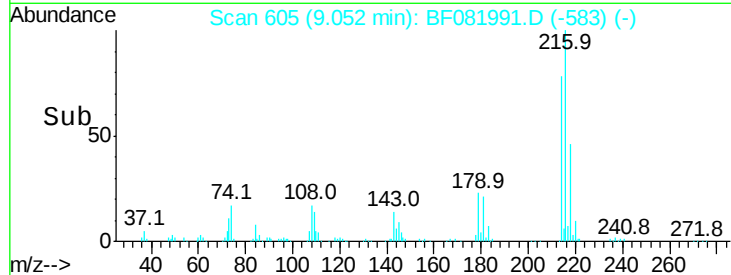
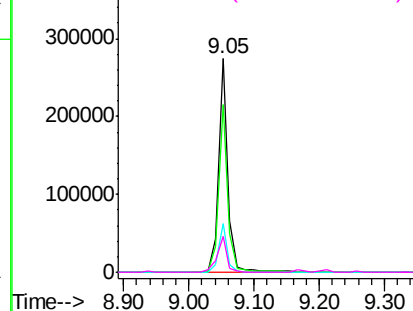
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 47.21 ng

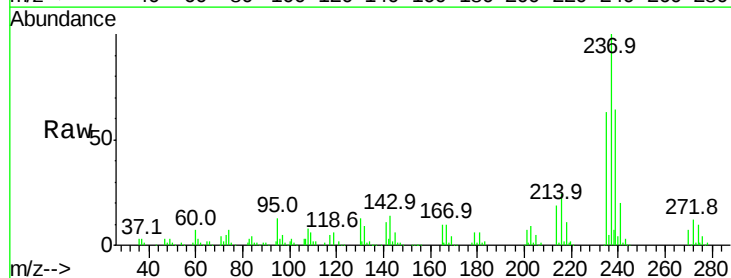
RT: 9.04 min Scan# 604

Delta R.T. -0.04 min

Lab File: BF081991.D

Acq: 2 Oct 2015 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	171027		
235	62.7	42.0	82.0	
272	12.4	0.0	36.1	

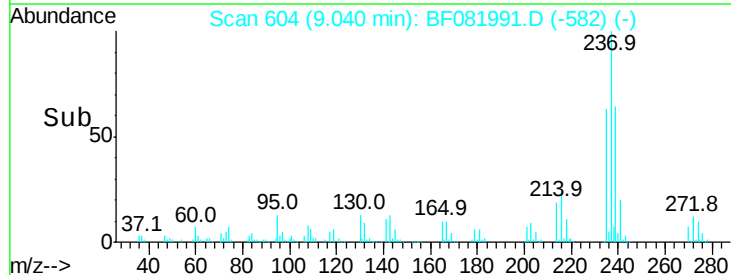
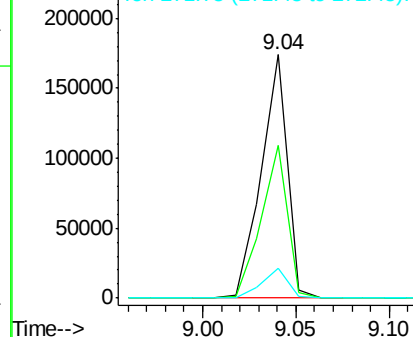


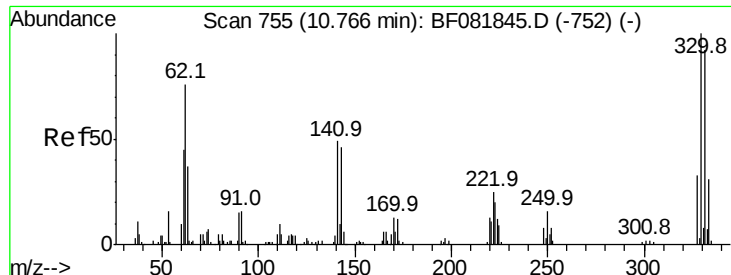
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





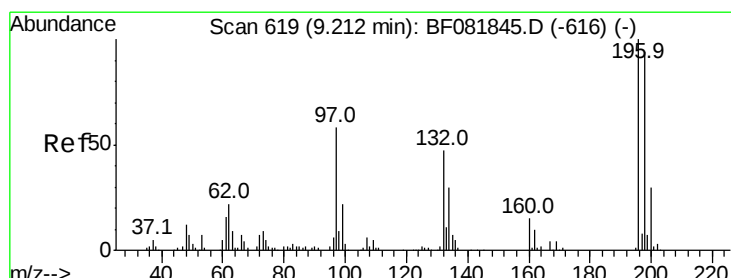
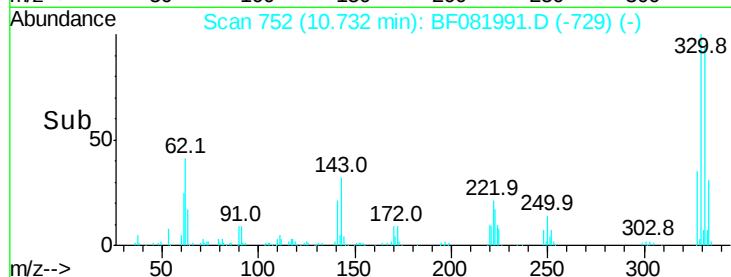
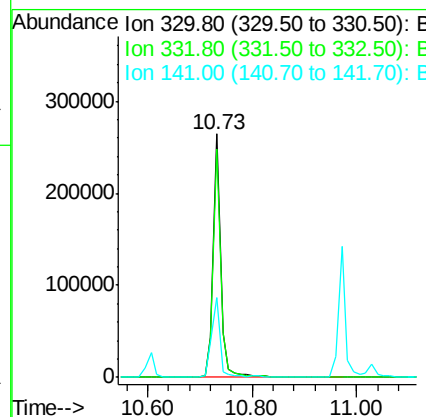
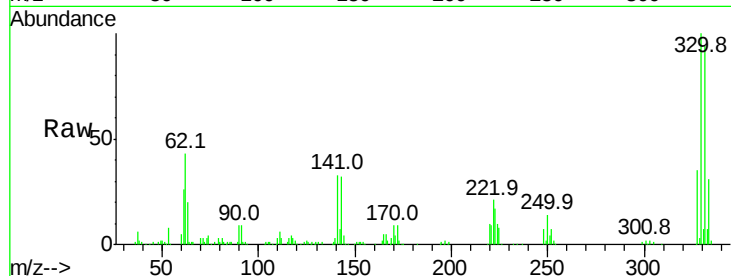
#41
 2,4,6-Tribromophenol
 Concen: 115.70 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF081991.D
 Acq: 2 Oct 2015 21:05

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

Tot Ion	Ratio	Resp	Lower	Upper
330	100	268515		
332	94.8	76.6	114.8	
141	35.9	29.7	44.5	

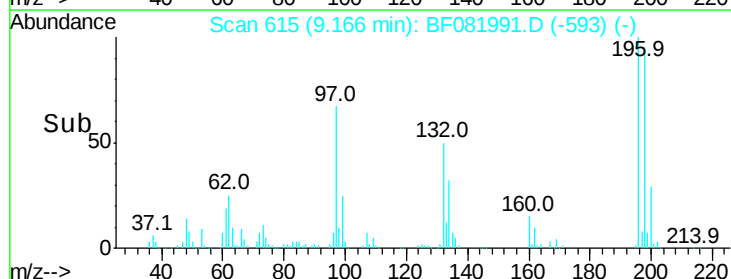
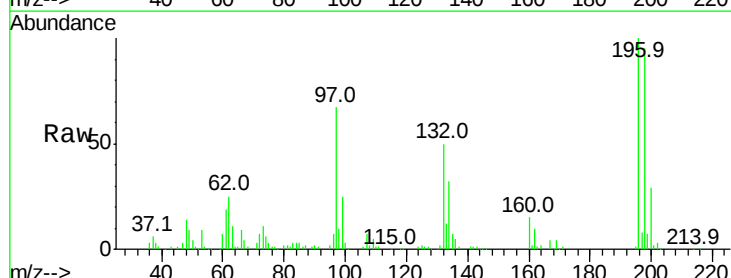
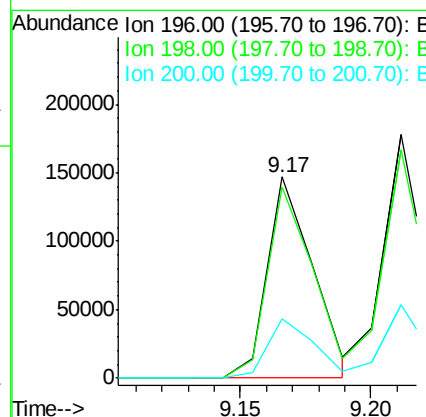
Manual Integrations
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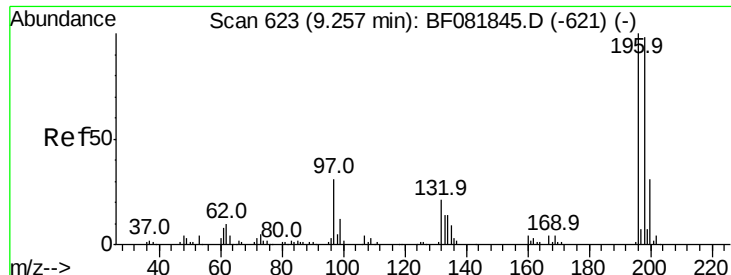
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 10/5/2015 6:28:52 PM



#42
 2,4,6-Trichlorophenol
 Concen: 37.10 ng
 RT: 9.17 min Scan# 615
 Delta R.T. -0.05 min
 Lab File: BF081991.D
 Acq: 2 Oct 2015 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	178920		
198	94.8	75.7	113.5	
200	29.3	23.9	35.9	





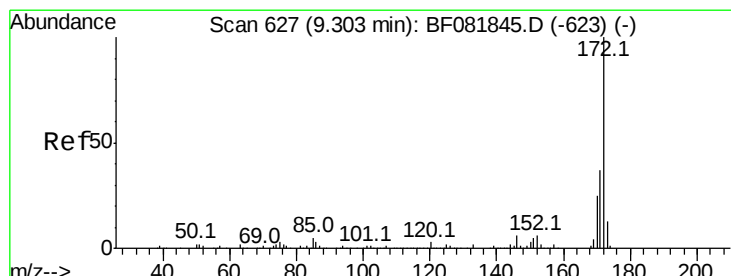
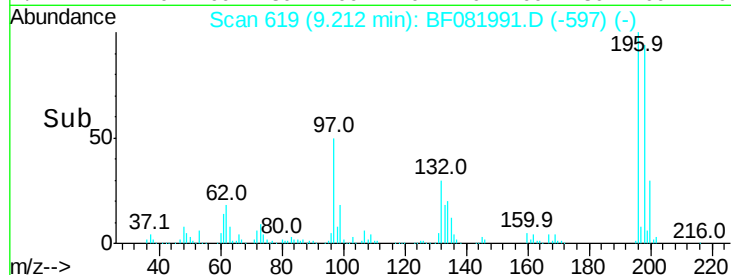
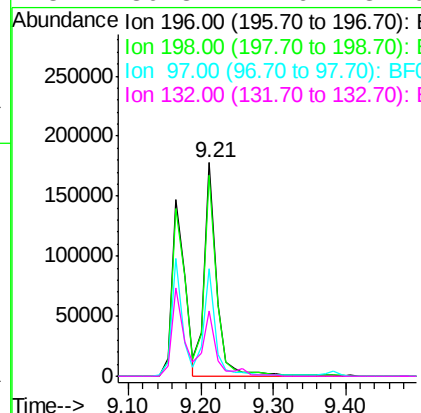
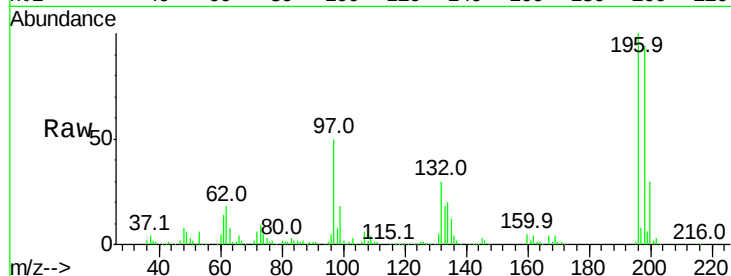
#43
 2,4,5-Trichlorophenol
 Concen: 42.75 ng
 RT: 9.21 min Scan# 619
 Delta R.T. -0.05 min
 Lab File: BF081991.D
 Acq: 2 Oct 2015 21:05

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	212058		
198	93.9	75.4	113.0	
97	50.1	33.3	49.9	
132	30.3	24.6	37.0	

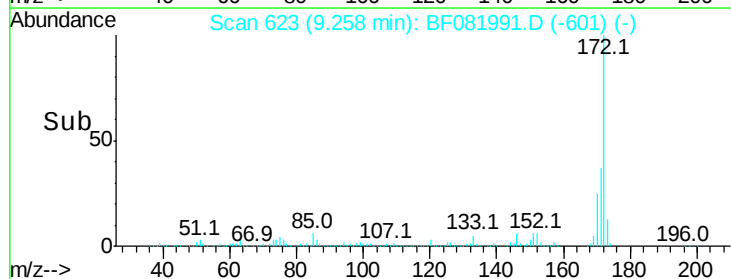
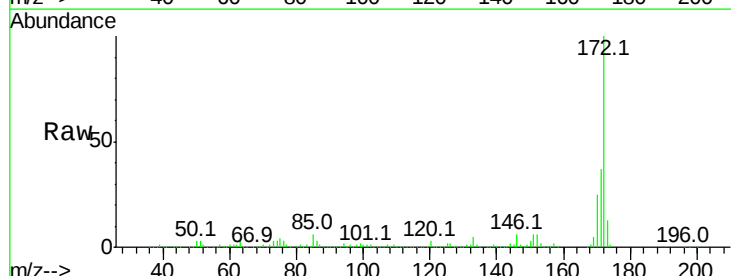
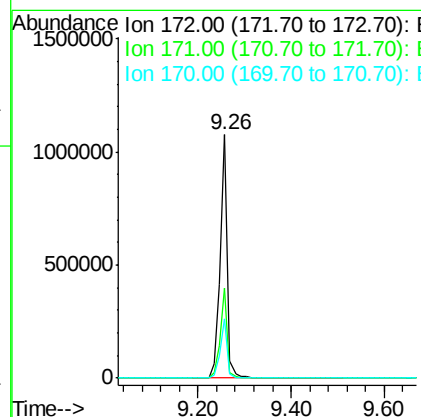
Manual Integrations
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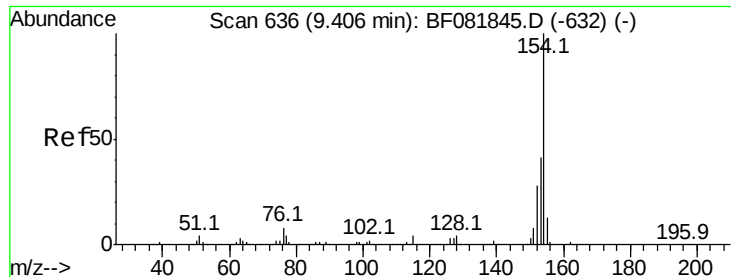
MMDADODA
 10/5/2015 6:28:52 PM



#44
 2-Fluorobiphenyl
 Concen: 84.24 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081991.D
 Acq: 2 Oct 2015 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1155669		
171	36.8	26.1	39.1	
170	24.6	17.4	26.2	





#45

1,1'-Biphenyl

Concen: 41.75 ng

RT: 9.36 min Scan# 632

Delta R.T. -0.05 min

Lab File: BF081991.D

Acq: 2 Oct 2015 21:05

Instrument :

BNA_F

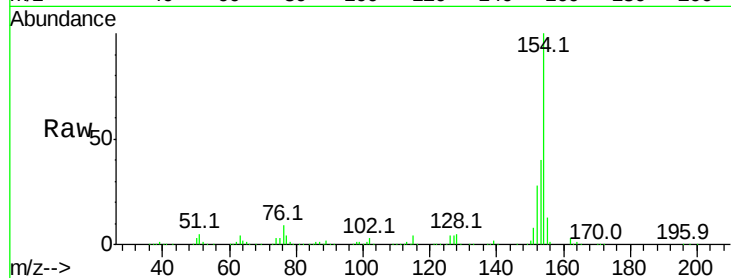
ClientSampleId :

OS-SB-24(16-18)MSD

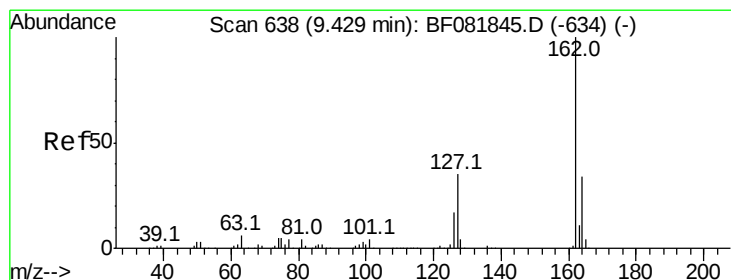
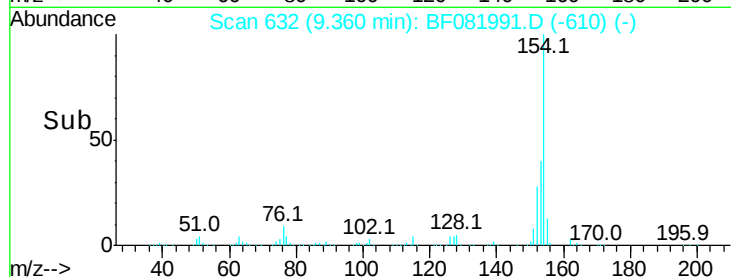
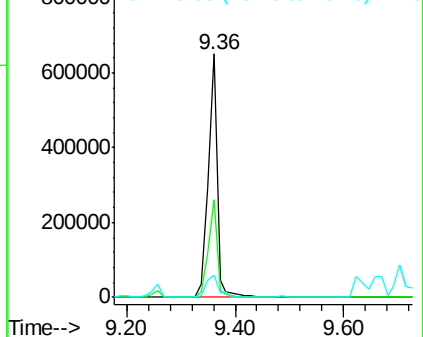
Tot Ion:	154	Resp:	738175
Ion Ratio	Lower	Upper	
154	100		
153	40.0	17.1	57.1
76	9.0	0.0	31.6

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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: 41.40 ng

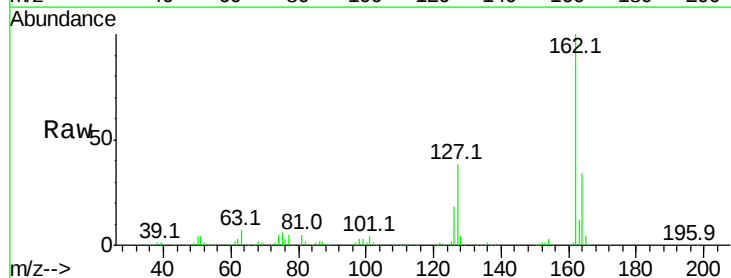
RT: 9.38 min Scan# 634

Delta R.T. -0.05 min

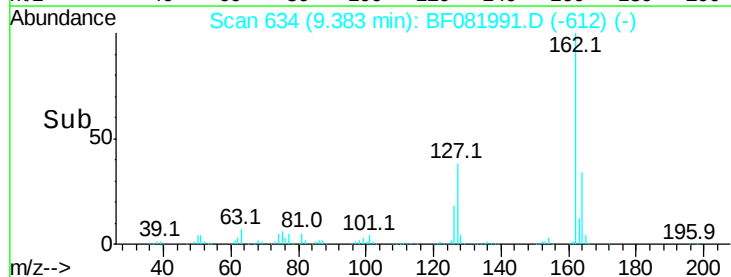
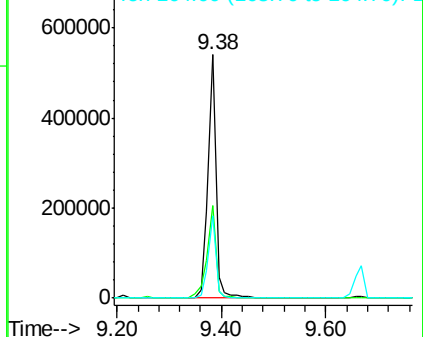
Lab File: BF081991.D

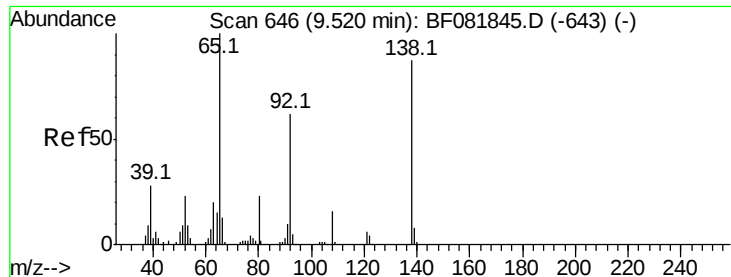
Acq: 2 Oct 2015 21:05

Tgt Ion:	162	Resp:	574677
Ion Ratio	Lower	Upper	
162	100		
127	38.0	27.6	41.4
164	33.9	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





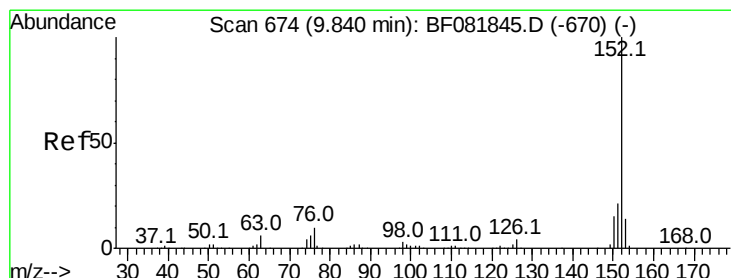
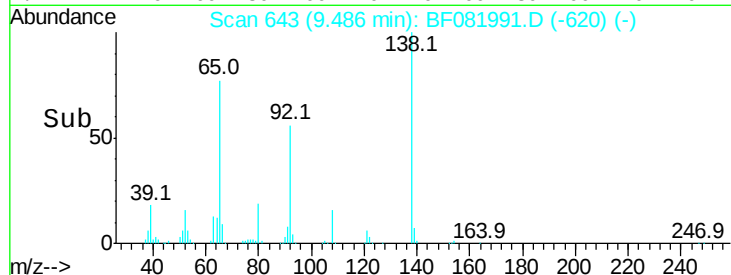
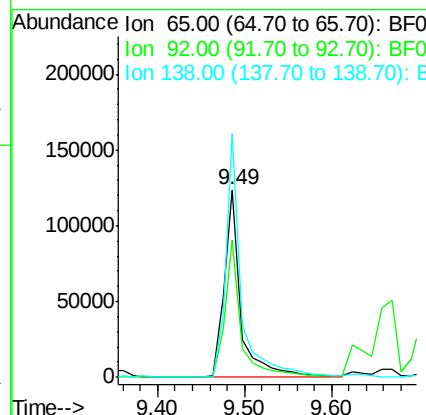
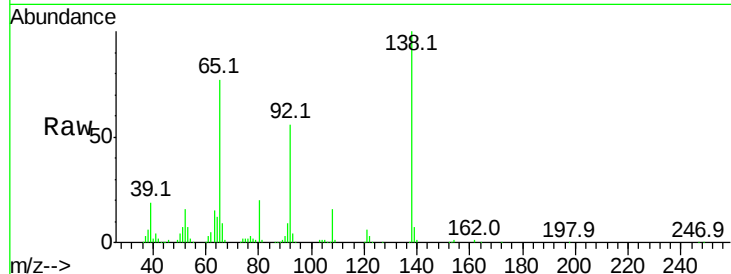
#47
2-Nitroaniline
Concen: 41.24 ng
RT: 9.49 min Scan# 643
Delta R.T. -0.03 min
Lab File: BF081991.D
Acq: 2 Oct 2015 21:05

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

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.3	55.4	83.0
138	129.9	115.5	173.3

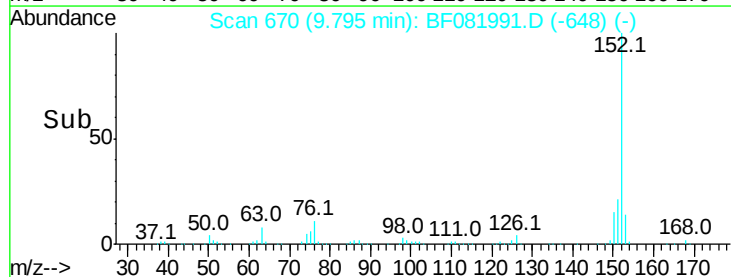
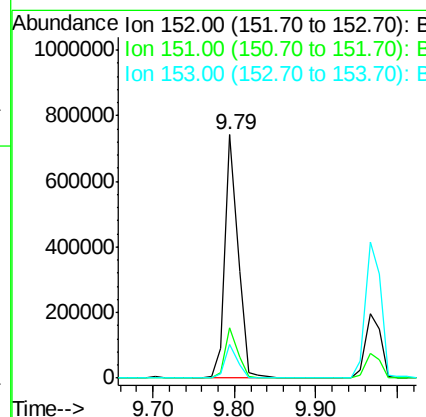
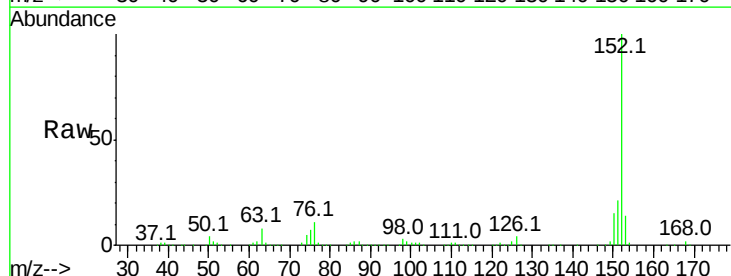
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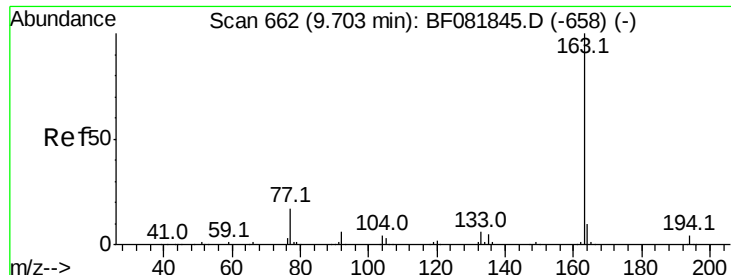
MMDADODA
10/5/2015 6:28:52 PM



#48
Acenaphthylene
Concen: 37.34 ng
RT: 9.79 min Scan# 670
Delta R.T. -0.05 min
Lab File: BF081991.D
Acq: 2 Oct 2015 21:05

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	14.6	22.0
153	13.8	10.3	15.5





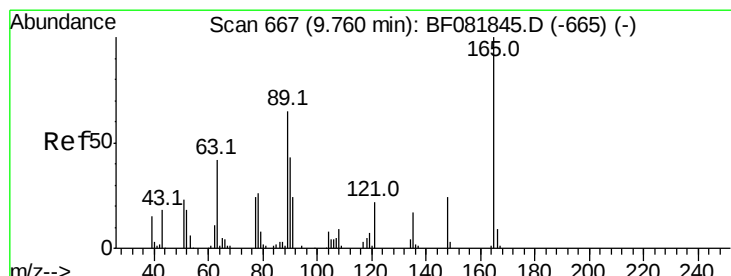
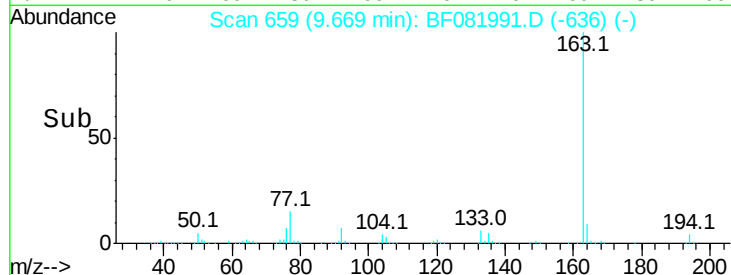
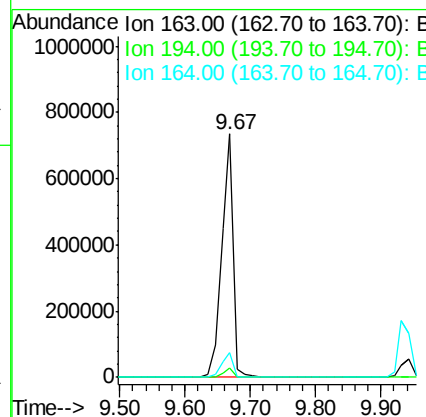
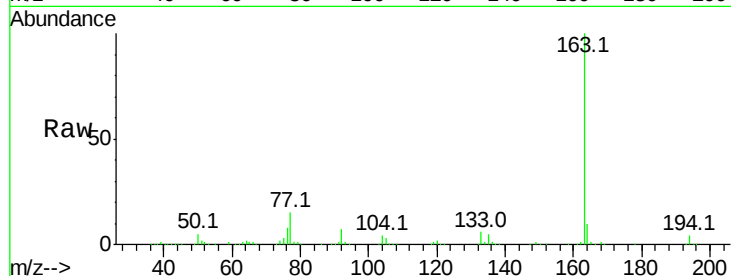
#49
Dimethylphthalate
Concen: 58.23 ng
RT: 9.67 min Scan# 659
Delta R.T. -0.03 min
Lab File: BF081991.D
Acq: 2 Oct 2015 21:05

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

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.9	4.4	6.6#
164	9.9	8.3	12.5

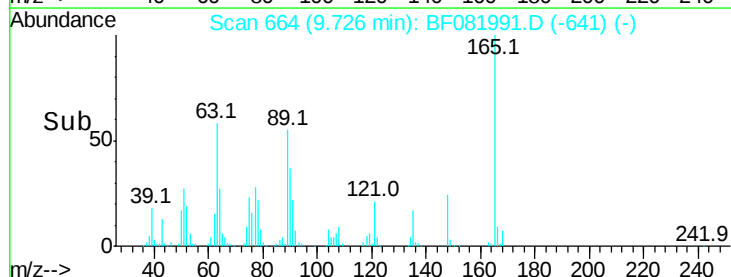
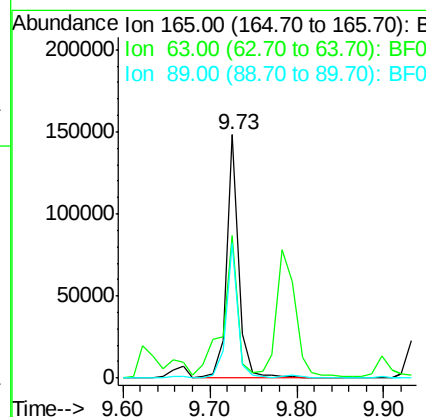
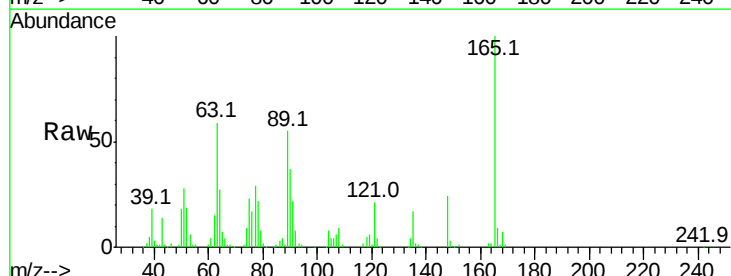
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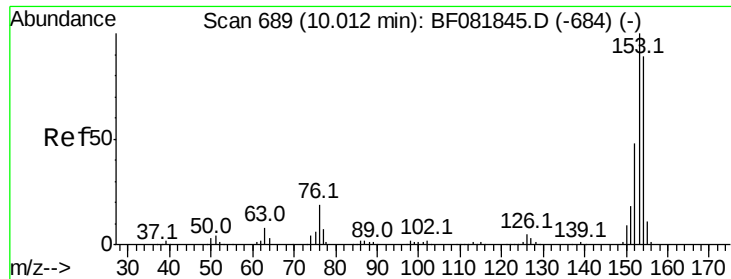
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#50
2,6-Dinitrotoluene
Concen: 42.31 ng
RT: 9.73 min Scan# 664
Delta R.T. -0.03 min
Lab File: BF081991.D
Acq: 2 Oct 2015 21:05

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	58.7	32.3	48.5#
89	55.2	28.6	43.0#





#51

Acenaphthene

Concen: 42.53 ng

RT: 9.97 min Scan# 685

Delta R.T. -0.05 min

Lab File: BF081991.D

Acq: 2 Oct 2015 21:05

Instrument :

BNA_F

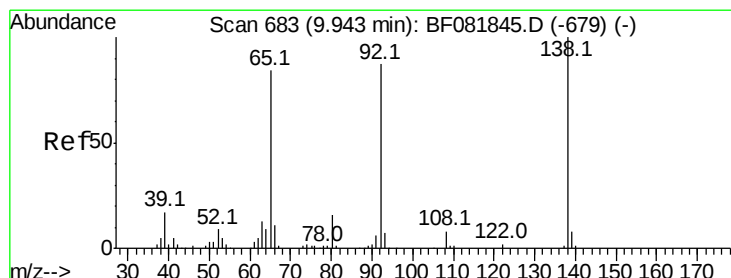
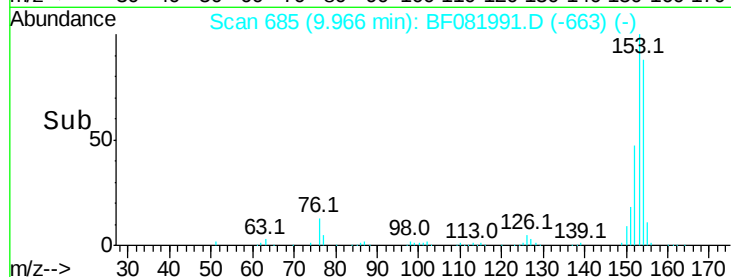
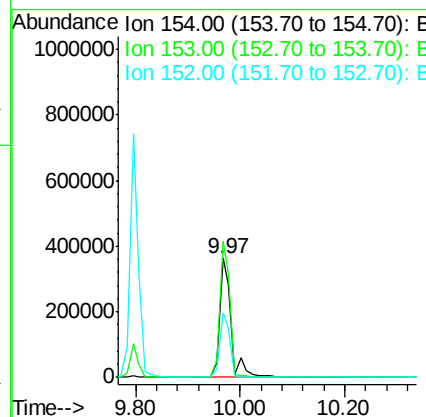
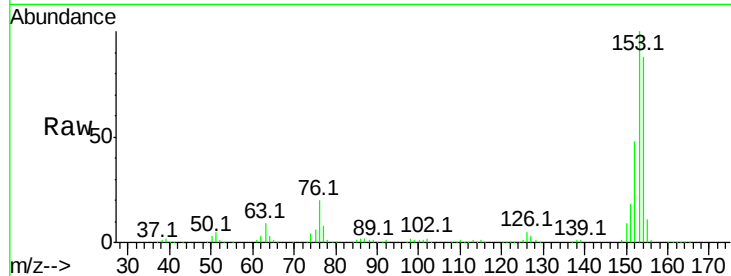
ClientSampleId :

OS-SB-24(16-18)MSD

Tot Ion:	154	Resp:	561152
Ion Ratio	Lower	Upper	
154	100		
153	113.6	82.1	123.1
152	54.1	37.9	56.9

Manual Integrations
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#52

3-Nitroaniline

Concen: 24.30 ng

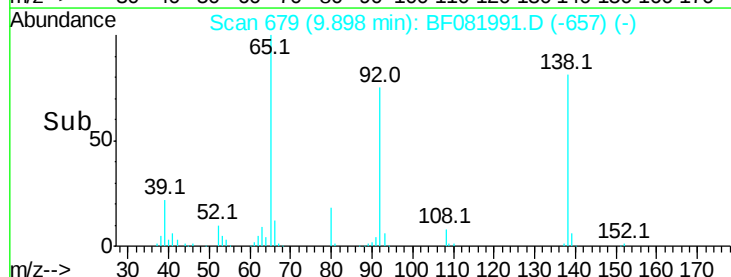
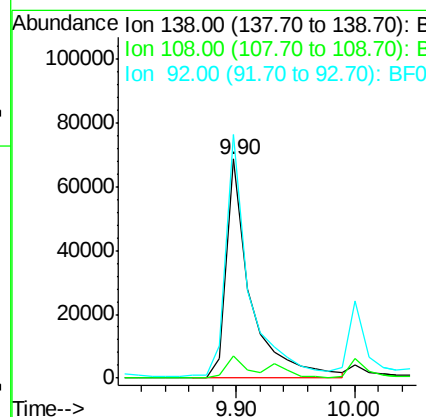
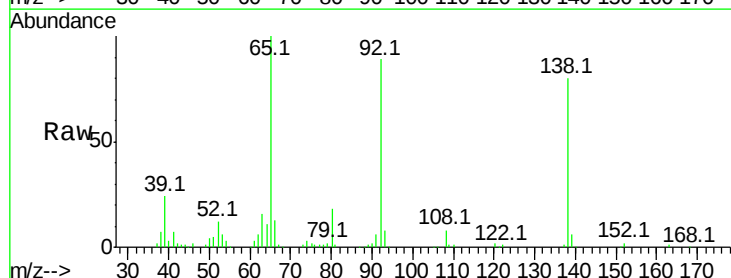
RT: 9.90 min Scan# 679

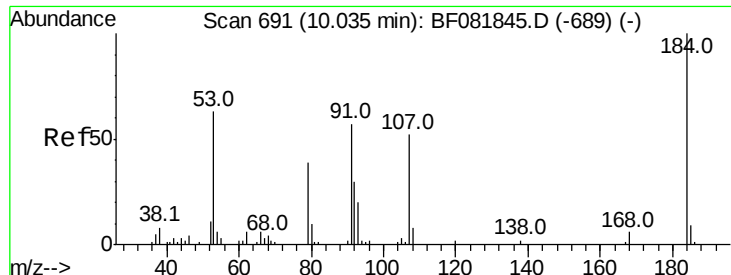
Delta R.T. -0.05 min

Lab File: BF081991.D

Acq: 2 Oct 2015 21:05

Tgt Ion:	138	Resp:	96557
Ion Ratio	Lower	Upper	
138	100		
108	10.0	5.7	8.5#
92	111.3	67.7	101.5#





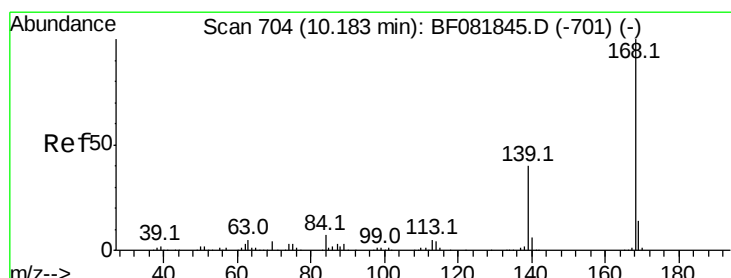
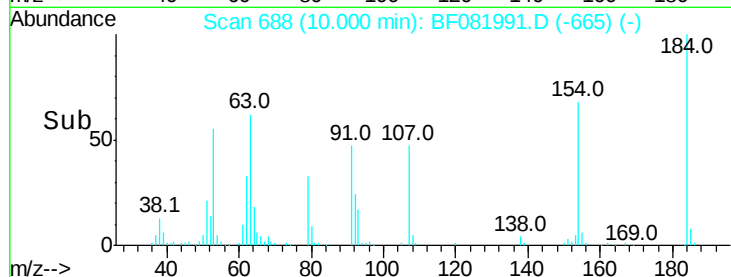
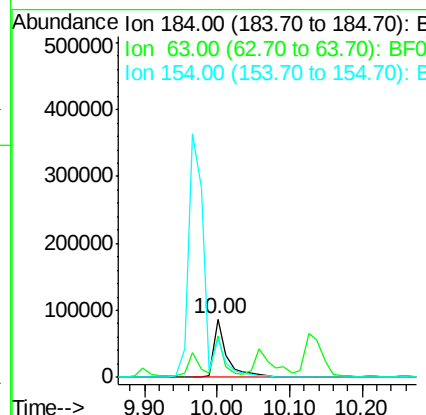
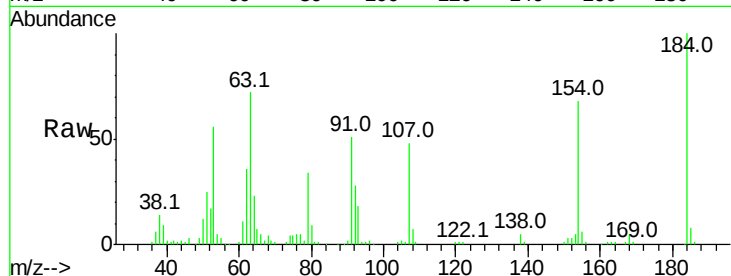
#53
 2,4-Dinitrophenol
 Concen: 71.12 ng
 RT: 10.00 min Scan# 688
 Delta R.T. -0.03 min
 Lab File: BF081991.D
 Acq: 2 Oct 2015 21:05

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

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	72.0	35.4	53.2#	
154	67.8	32.2	48.4#	

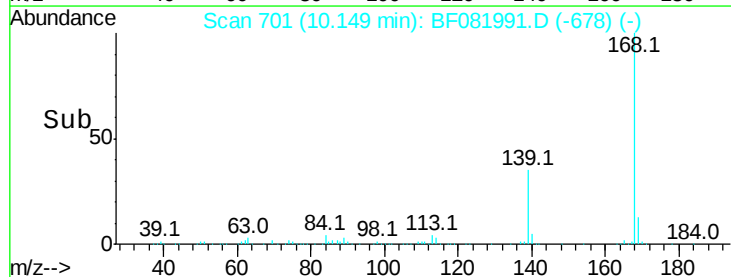
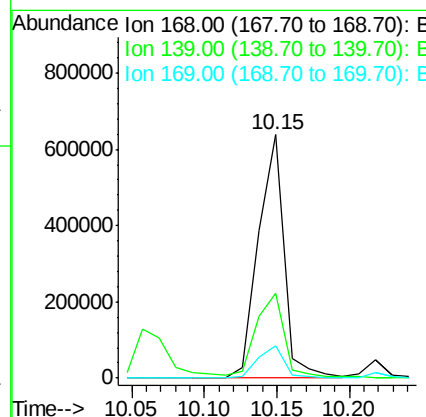
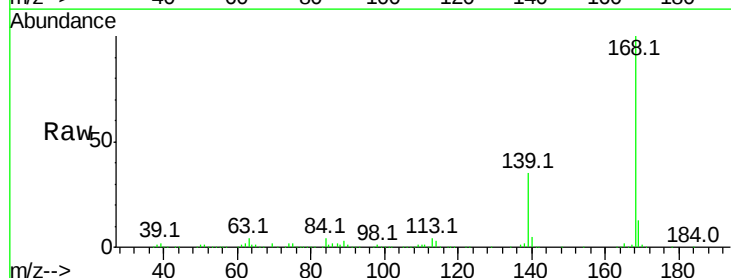
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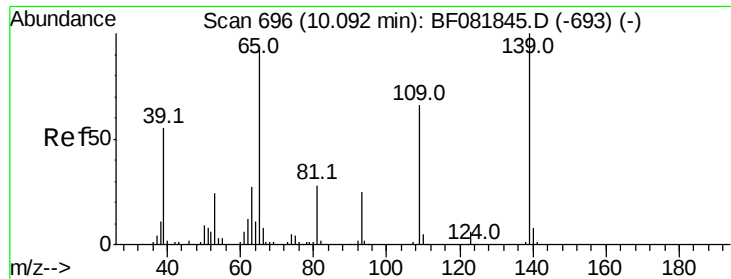
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#54
 Dibenzofuran
 Concen: 42.11 ng
 RT: 10.15 min Scan# 701
 Delta R.T. -0.03 min
 Lab File: BF081991.D
 Acq: 2 Oct 2015 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	34.7	24.2	36.2	
169	13.3	10.6	15.8	





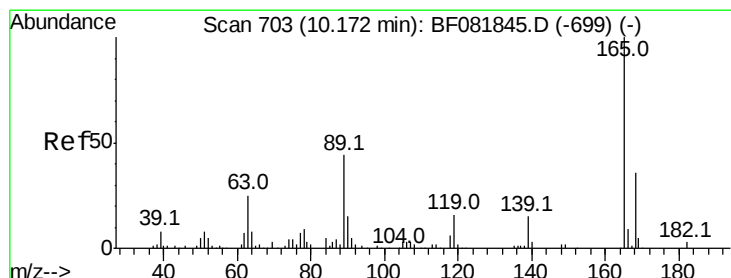
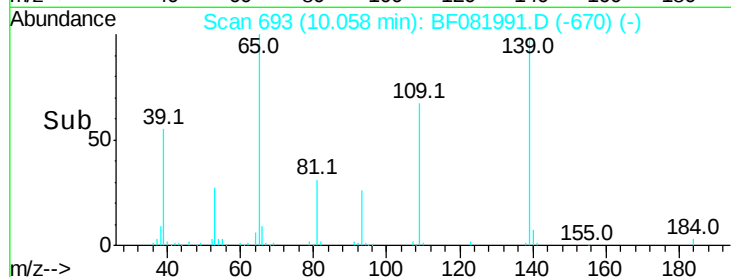
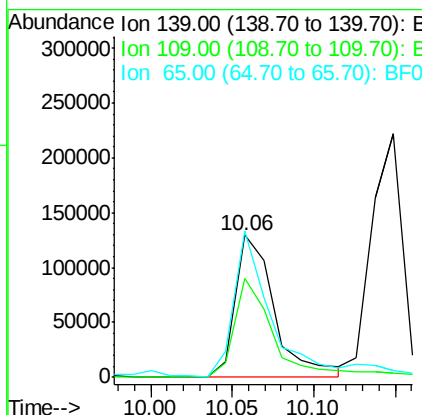
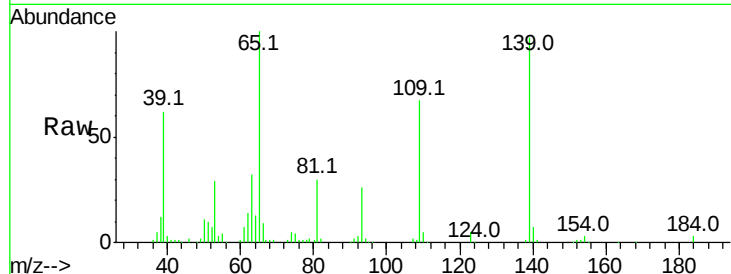
#55
4-Nitrophenol
Concen: 75.35 ng
RT: 10.06 min Scan# 693
Delta R.T. -0.03 min
Lab File: BF081991.D
Acq: 2 Oct 2015 21:05

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

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	69.5	12.7	52.7#	
65	103.0	45.9	85.9#	

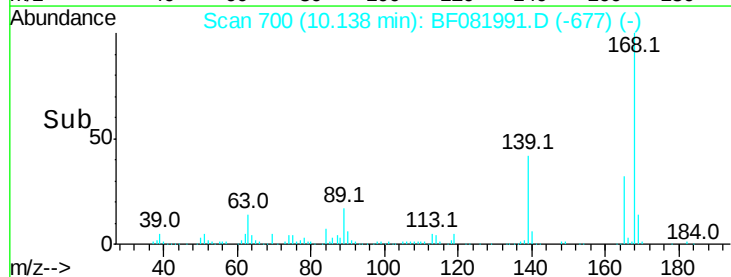
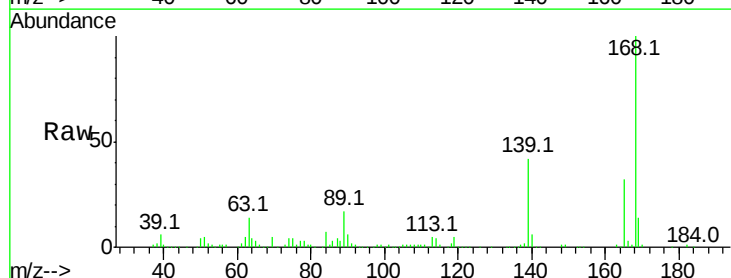
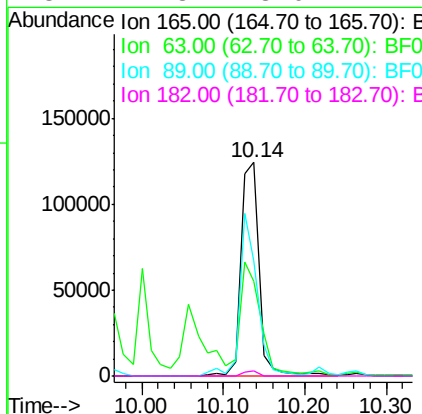
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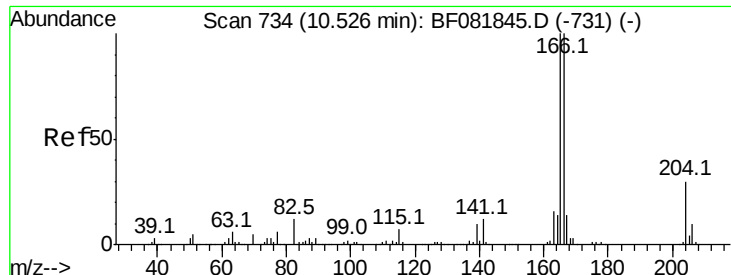
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#56
2,4-Dinitrotoluene
Concen: 43.67 ng
RT: 10.14 min Scan# 700
Delta R.T. -0.03 min
Lab File: BF081991.D
Acq: 2 Oct 2015 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	44.4	29.8	44.6	
89	54.0	44.5	66.7	
182	2.3	3.0	4.4#	





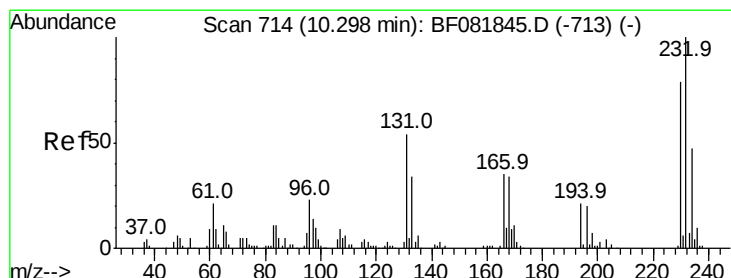
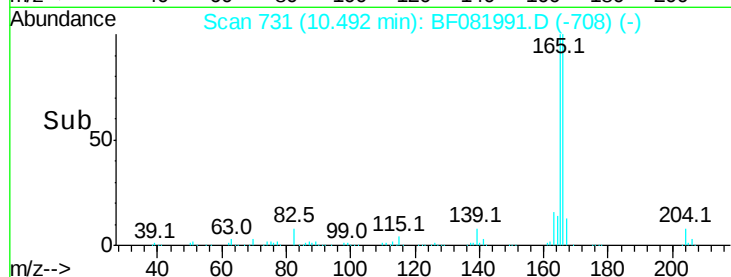
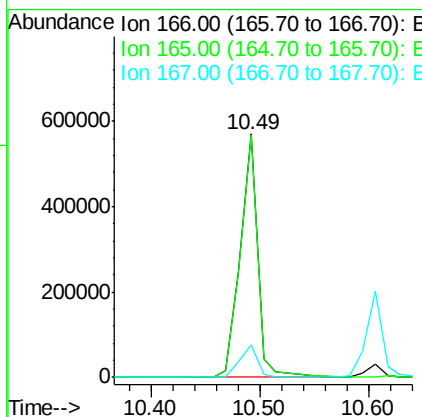
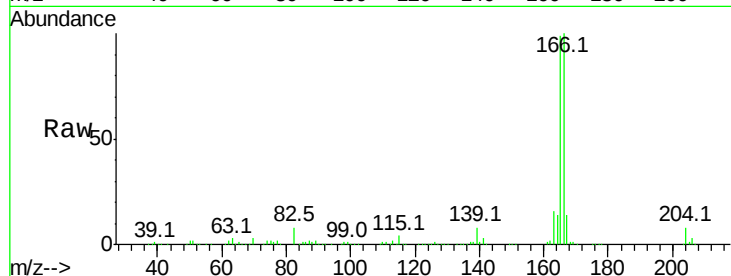
#57
 Fluorene
 Concen: 47.26 ng
 RT: 10.49 min Scan# 731
 Delta R.T. -0.03 min
 Lab File: BF081991.D
 Acq: 2 Oct 2015 21:05

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

Tot Ion	Ratio	Resp	Lower	Upper
166	100	628791		
165	99.3	72.6	109.0	
167	13.5	10.6	16.0	

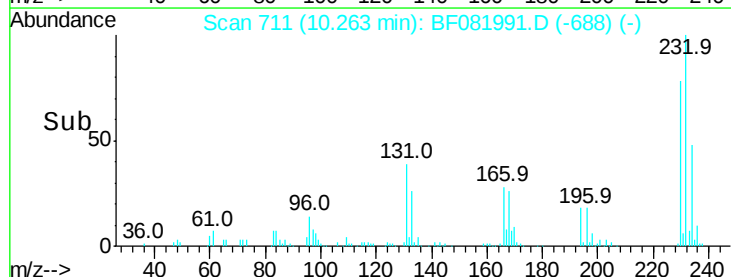
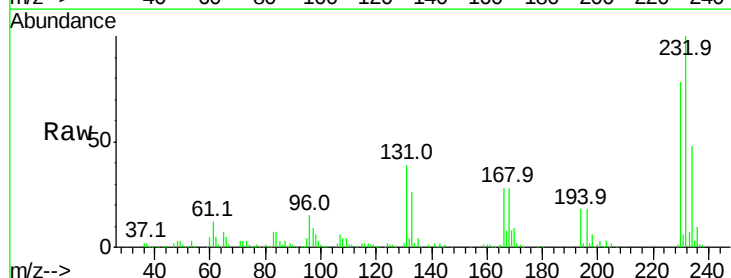
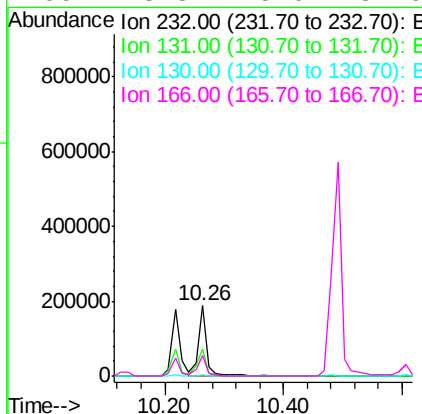
Manual Integrations
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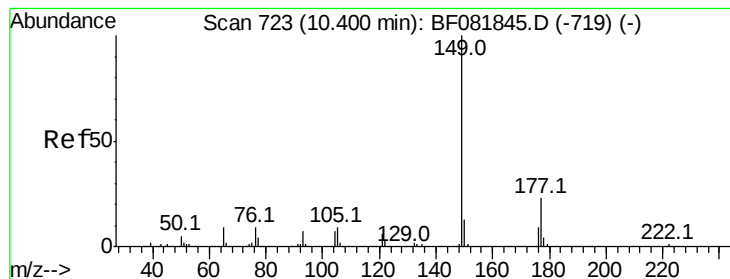
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 10/5/2015 6:28:52 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.05 ng
 RT: 10.26 min Scan# 711
 Delta R.T. -0.03 min
 Lab File: BF081991.D
 Acq: 2 Oct 2015 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	189047		
131	42.2	38.5	57.7	
130	2.0	1.8	2.6	
166	28.3	25.0	37.6	





#59

Diethylphthalate

Concen: 41.34 ng

RT: 10.37 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF081991.D

Acq: 2 Oct 2015 21:05

Instrument :

BNA_F

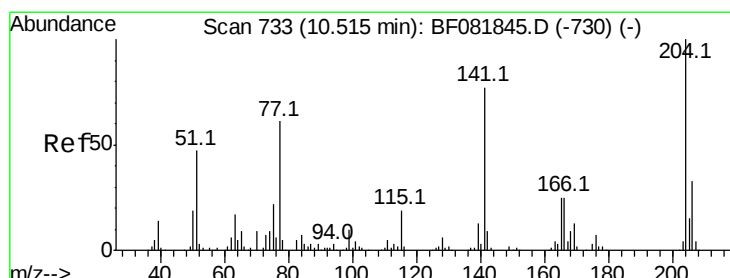
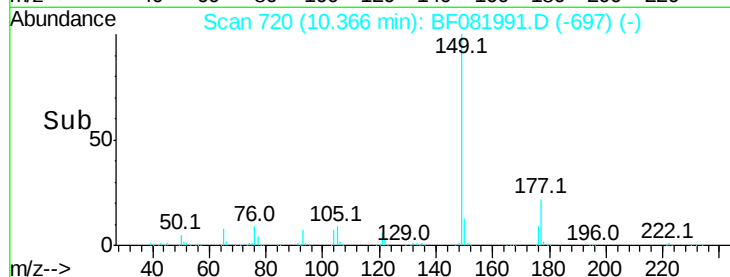
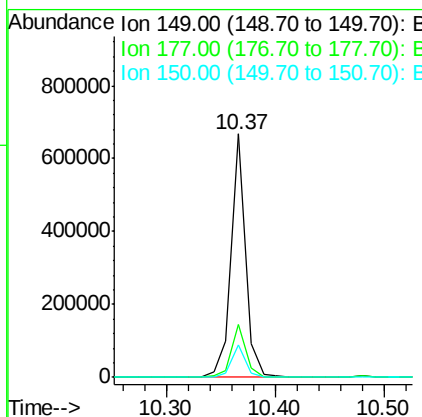
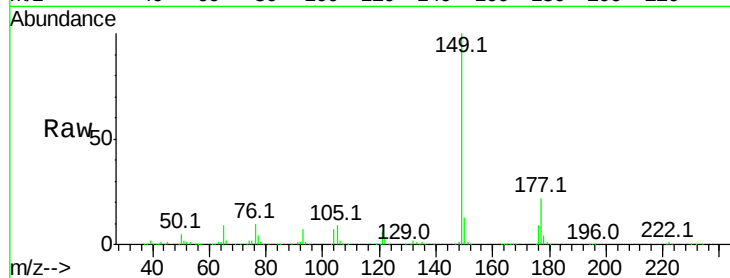
ClientSampleId :

OS-SB-24(16-18)MSD

Tot Ion:	149	Resp:	610809
Ion Ratio	Lower	Upper	
149	100		
177	21.9	17.5	26.3
150	13.2	9.4	14.2

Manual Integrations
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#60

4-Chlorophenyl-phenylether

Concen: 43.62 ng

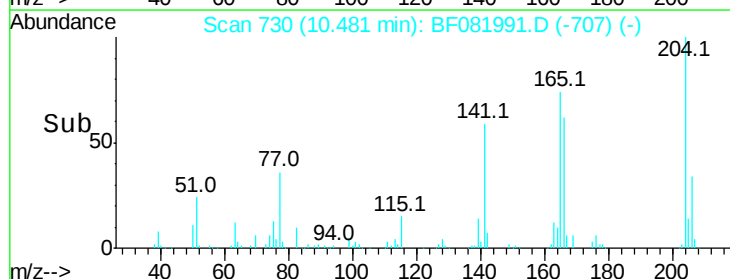
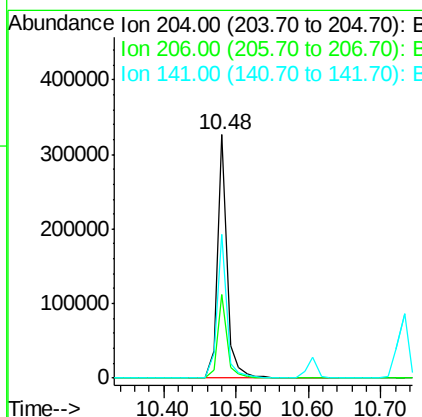
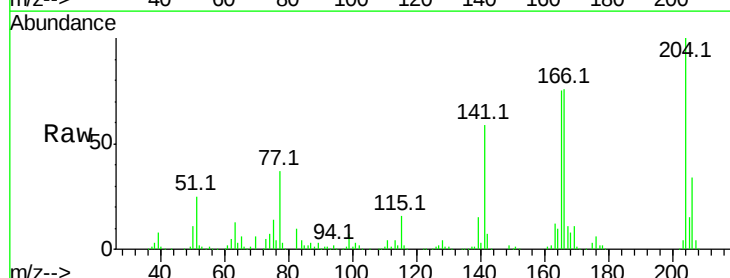
RT: 10.48 min Scan# 730

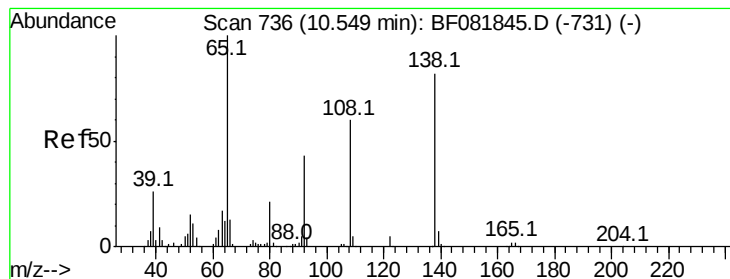
Delta R.T. -0.03 min

Lab File: BF081991.D

Acq: 2 Oct 2015 21:05

Tgt Ion:	204	Resp:	297778
Ion Ratio	Lower	Upper	
204	100		
206	34.3	24.8	37.2
141	59.3	42.2	63.4





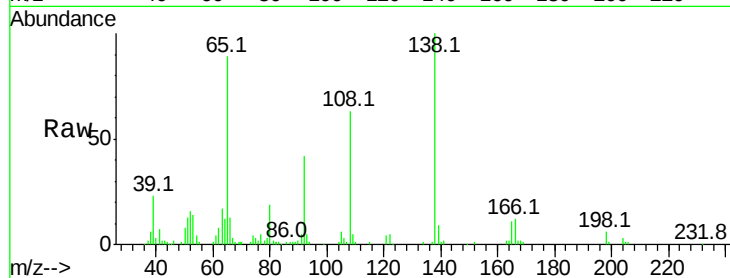
#61
4-Nitroaniline
Concen: 38.51 ng
RT: 10.53 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF081991.D
Acq: 2 Oct 2015 21:05

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

Tot Ion	Ratio	Resp	Lower	Upper
138	100	153395		
92	41.5	12.6	52.6	
108	63.3	12.4	52.4	

Manual Integrations
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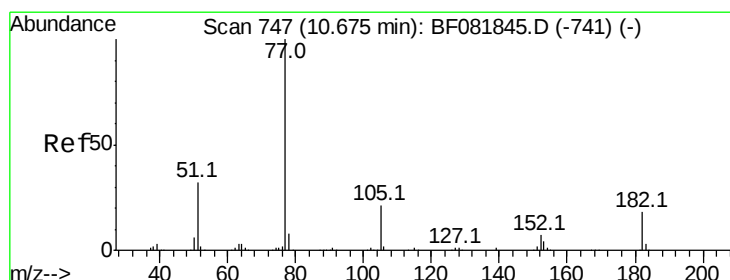
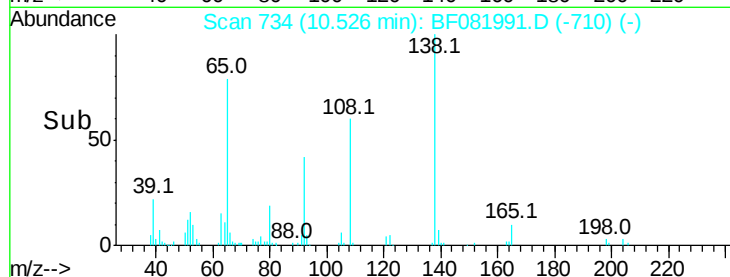
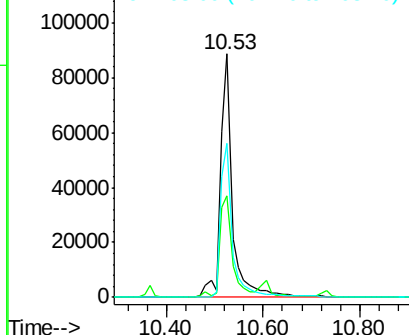


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62
Azobenzene
Concen: 43.50 ng
RT: 10.64 min Scan# 744
Delta R.T. -0.03 min
Lab File: BF081991.D
Acq: 2 Oct 2015 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	627311		
182	24.6	15.1	55.1	
105	22.6	3.4	43.4	
51	30.0	12.0	52.0	

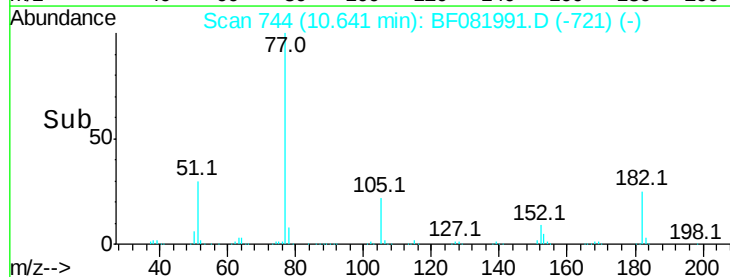
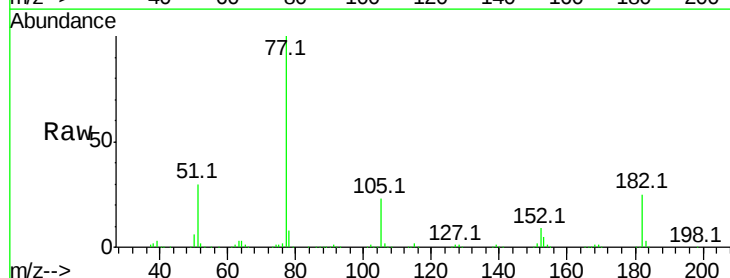
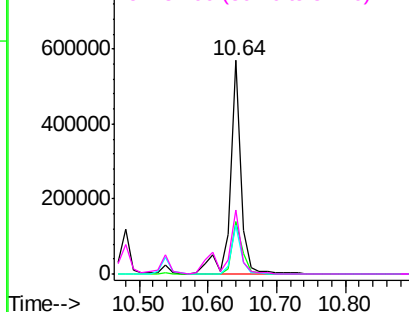
Abundance

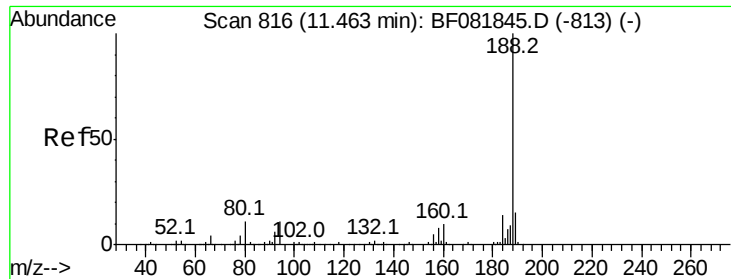
Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.43 min Scan# 813

Delta R.T. -0.03 min

Lab File: BF081991.D

Acq: 2 Oct 2015 21:05

Instrument :

BNA_F

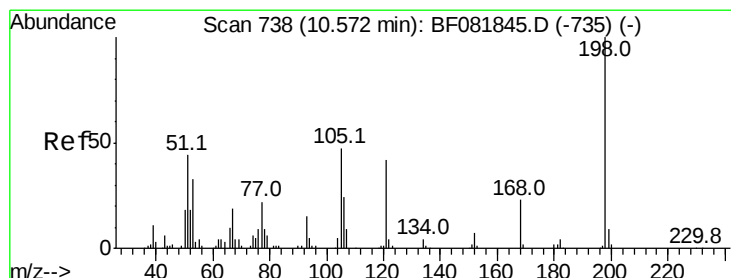
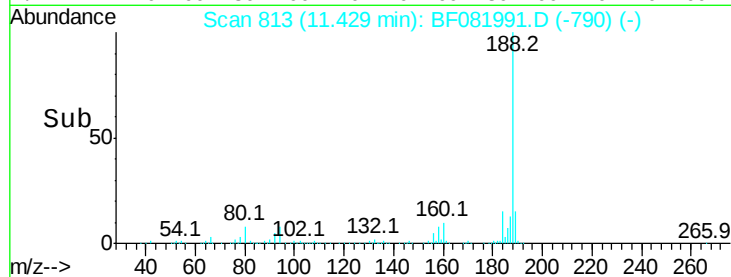
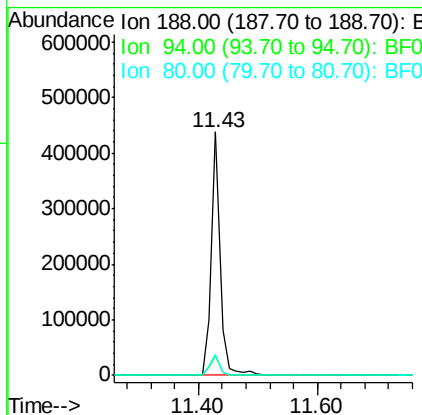
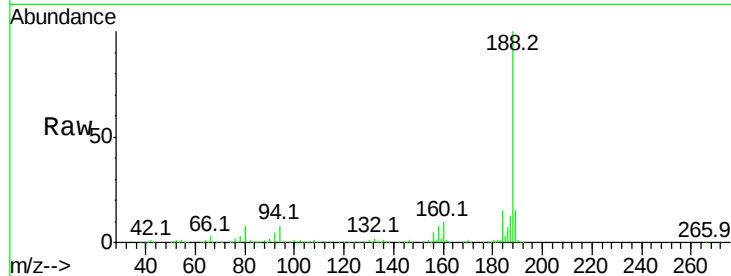
ClientSampleId :

OS-SB-24(16-18)MSD

Tot Ion:	188	Resp:	455119
Ion Ratio	Lower	Upper	
188	100		
94	8.0	11.1	16.7#
80	8.4	11.0	16.4#

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 44.98 ng

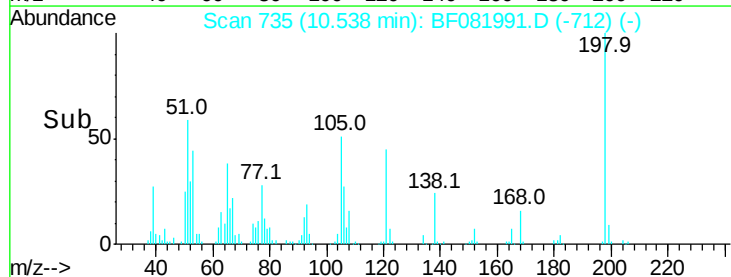
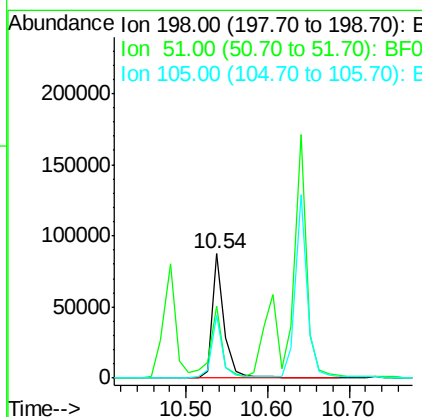
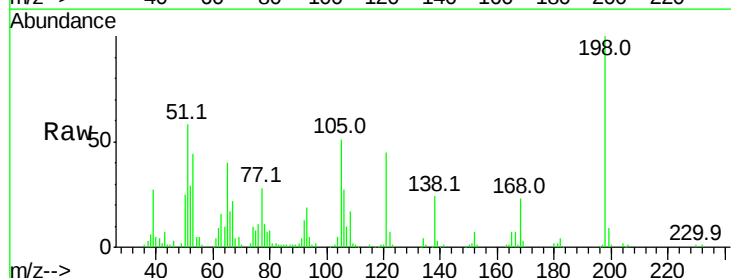
RT: 10.54 min Scan# 735

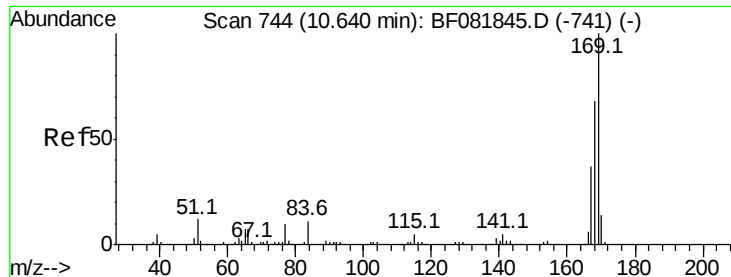
Delta R.T. -0.03 min

Lab File: BF081991.D

Acq: 2 Oct 2015 21:05

Tgt Ion:	198	Resp:	91504
Ion Ratio	Lower	Upper	
198	100		
51	58.3	39.6	79.6
105	50.5	28.5	68.5





#65

n-Nitrosodiphenylamine

Concen: 40.23 ng

RT: 10.61 min Scan# 741

Delta R.T. -0.03 min

Lab File: BF081991.D

Acq: 2 Oct 2015 21:05

Instrument :

BNA_F

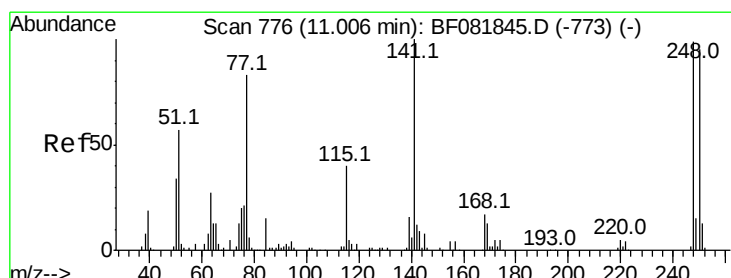
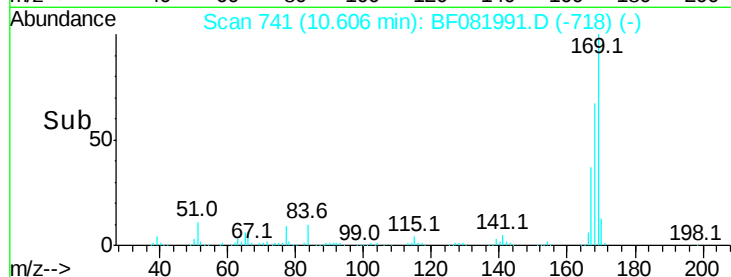
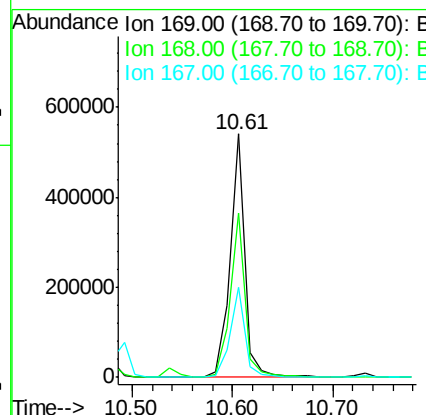
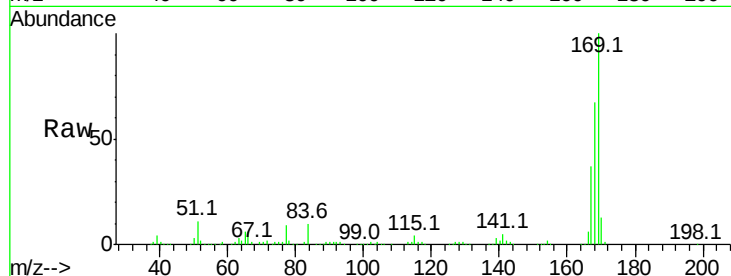
ClientSampleId :

OS-SB-24(16-18)MSD

Manual Integrations
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Tot Ion:	169	Resp:	554005
Ion Ratio	Lower	Upper	
169	100		
168	67.2	48.9	73.3
167	37.1	26.2	39.4



#66

4-Bromophenyl-phenylether

Concen: 39.94 ng m

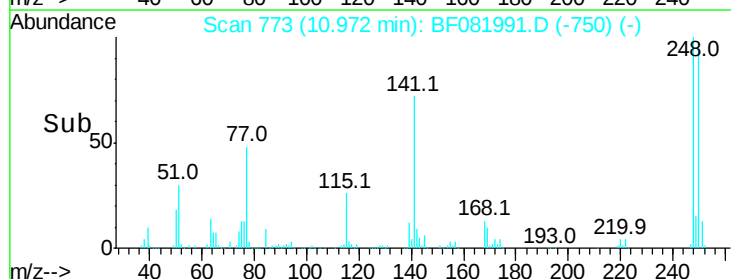
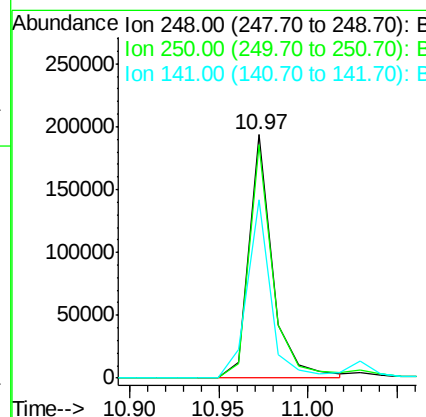
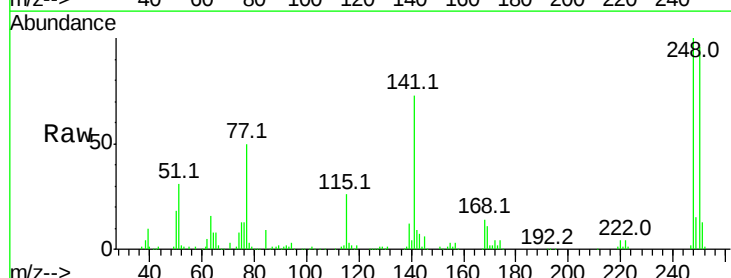
RT: 10.97 min Scan# 773

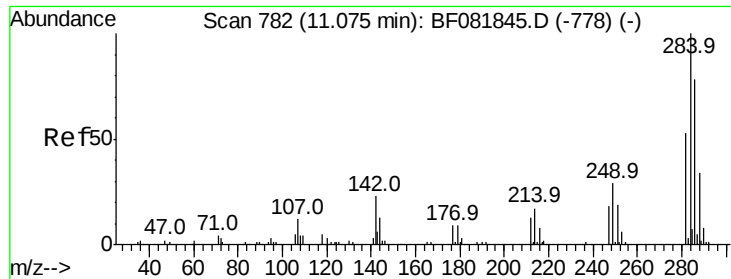
Delta R.T. -0.03 min

Lab File: BF081991.D

Acq: 2 Oct 2015 21:05

Tgt Ion:	248	Resp:	183265
Ion Ratio	Lower	Upper	
248	100		
250	96.0	78.5	117.7
141	73.4	59.0	88.6





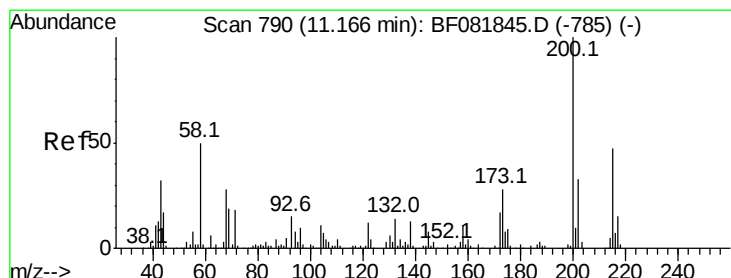
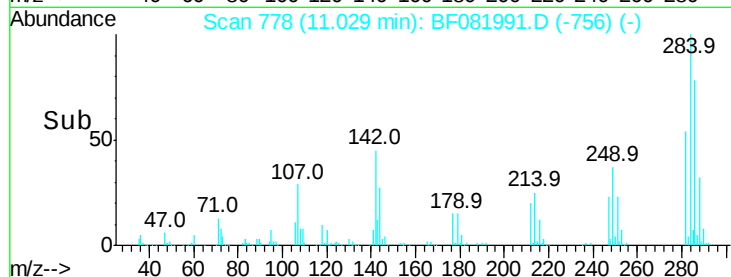
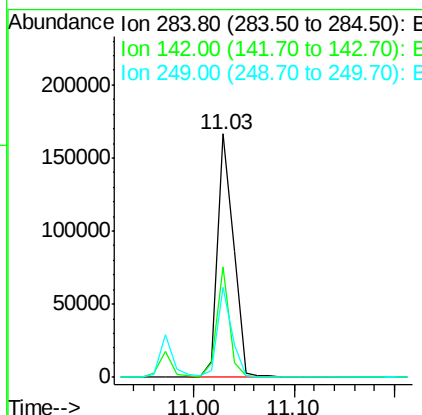
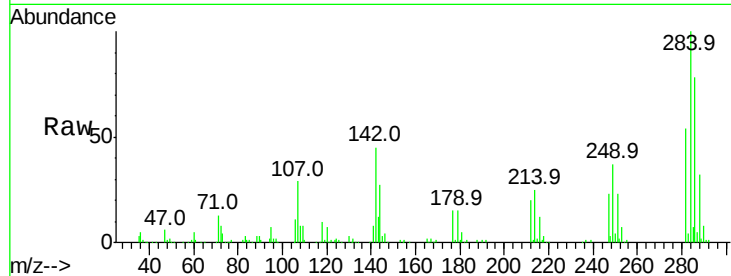
#67
Hexachlorobenzene
Concen: 35.85 ng
RT: 11.03 min Scan# 778
Delta R.T. -0.05 min
Lab File: BF081991.D
Acq: 2 Oct 2015 21:05

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

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	45.2	29.5	44.3#	
249	37.1	19.5	29.3#	

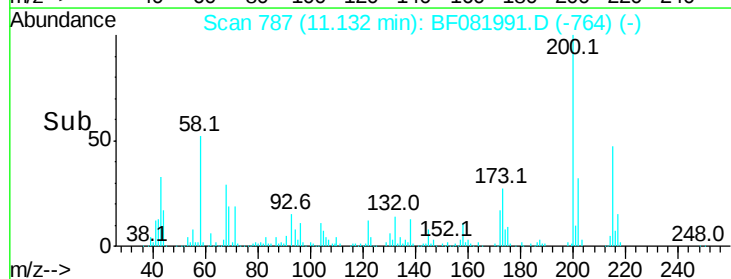
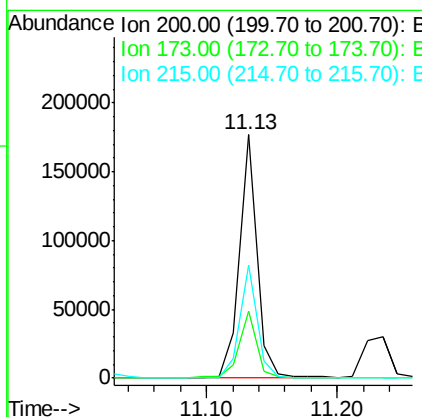
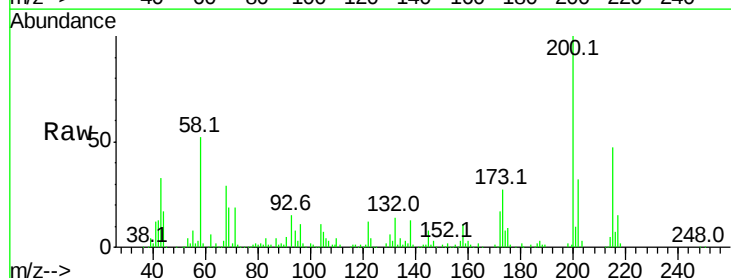
Manual Integrations
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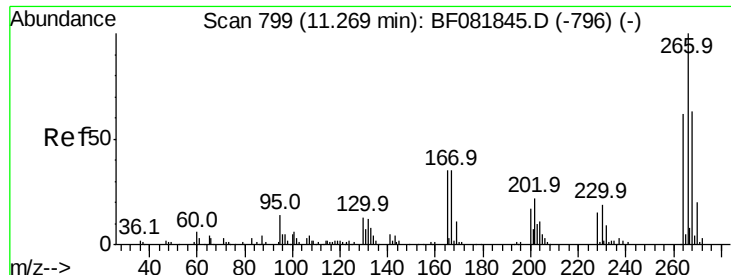
MMDADODA
10/5/2015 6:28:52 PM



#68
Atrazine
Concen: 38.73 ng
RT: 11.13 min Scan# 787
Delta R.T. -0.03 min
Lab File: BF081991.D
Acq: 2 Oct 2015 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.3	13.2	53.2	
215	46.6	41.8	81.8	





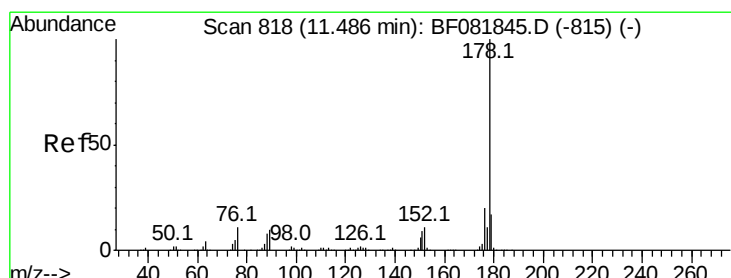
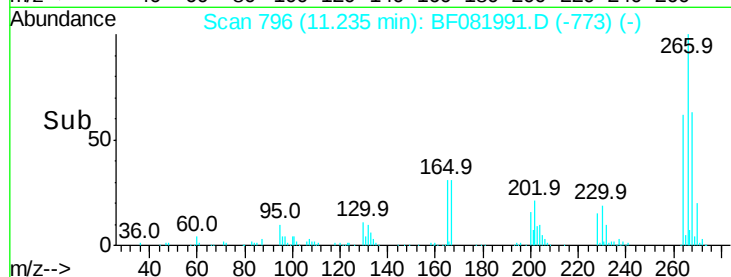
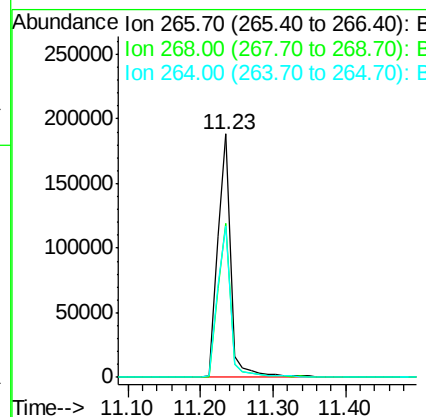
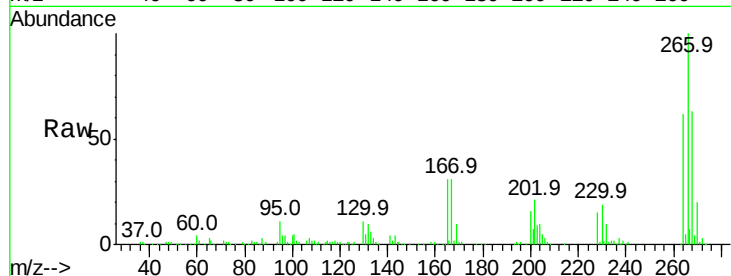
#69
 Pentachlorophenol
 Concen: 79.81 ng
 RT: 11.23 min Scan# 796
 Delta R.T. -0.03 min
 Lab File: BF081991.D
 Acq: 2 Oct 2015 21:05

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

Tot Ion	Ratio	Resp	Lower	Upper
266	100	235508		
268	63.5	49.8	74.6	
264	62.1	50.2	75.2	

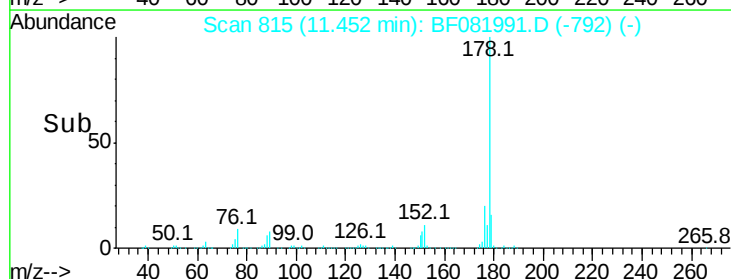
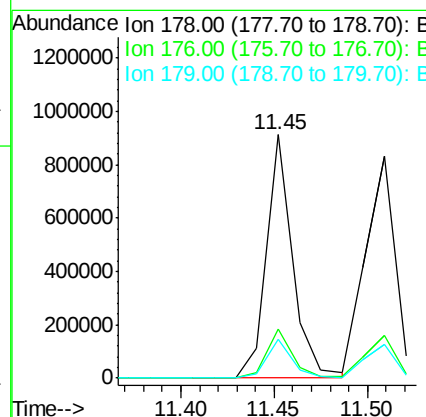
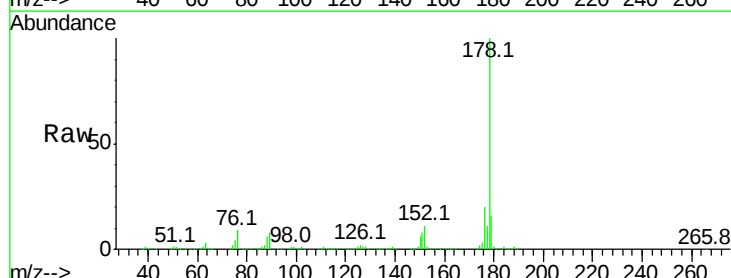
Manual Integrations
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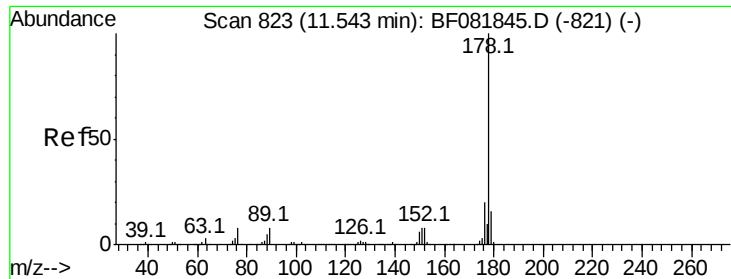
MMDADODA
 10/5/2015 6:28:52 PM



#70
 Phenanthrene
 Concen: 40.15 ng
 RT: 11.45 min Scan# 815
 Delta R.T. -0.03 min
 Lab File: BF081991.D
 Acq: 2 Oct 2015 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	883298		
176	20.4	13.8	20.8	
179	16.1	12.2	18.2	





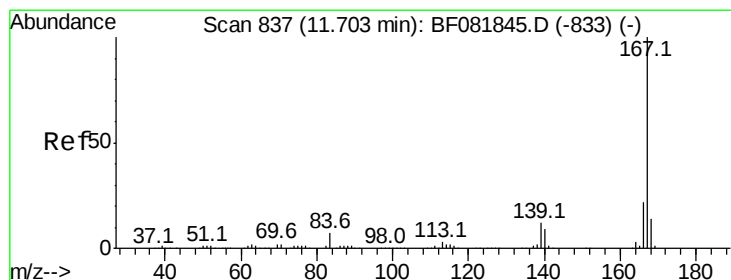
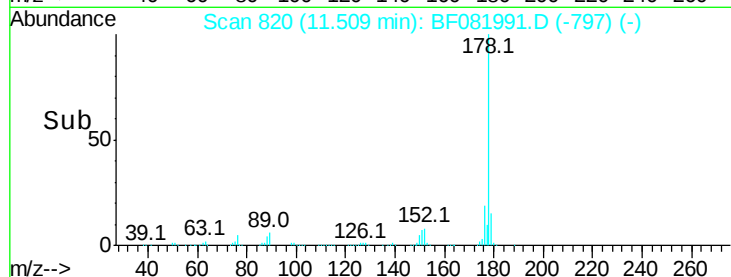
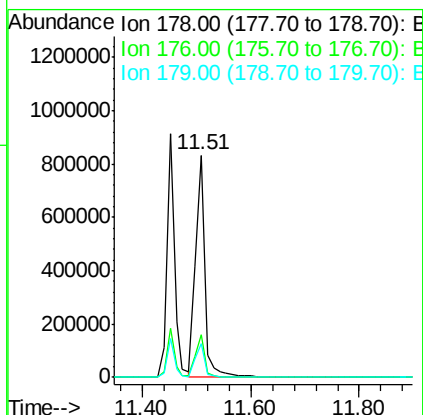
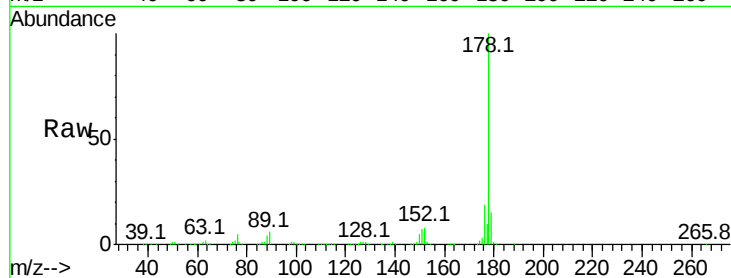
#71
 Anthracene
 Concen: 42.78 ng
 RT: 11.51 min Scan# 820
 Delta R.T. -0.03 min
 Lab File: BF081991.D
 Acq: 2 Oct 2015 21:05

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.1	21.1
179	15.4	12.2	18.2

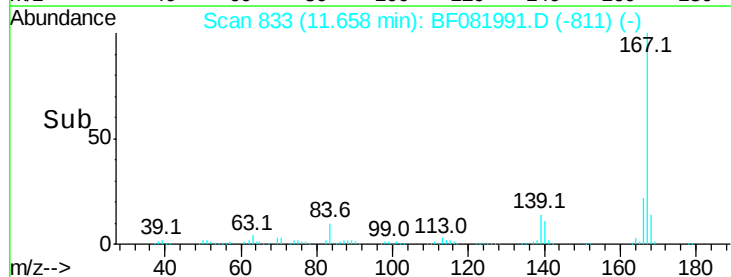
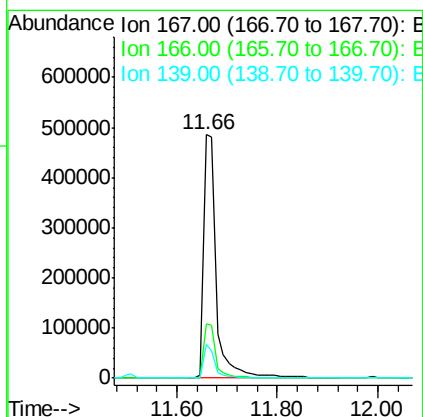
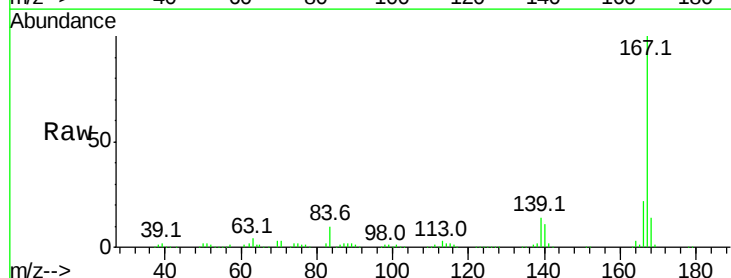
Manual Integrations
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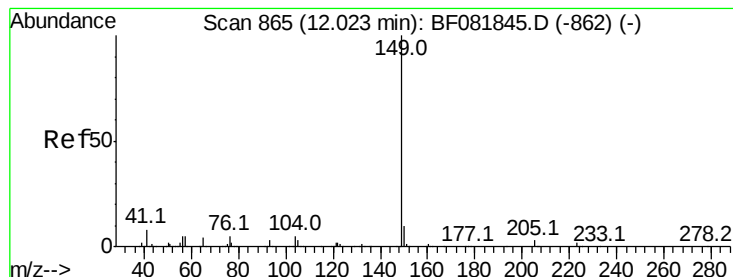
MMDADODA
 10/5/2015 6:28:52 PM



#72
 Carbazole
 Concen: 40.57 ng
 RT: 11.66 min Scan# 833
 Delta R.T. -0.05 min
 Lab File: BF081991.D
 Acq: 2 Oct 2015 21:05

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	15.7	23.5
139	14.0	9.5	14.3





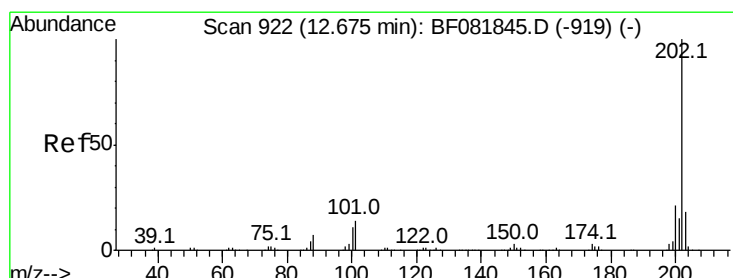
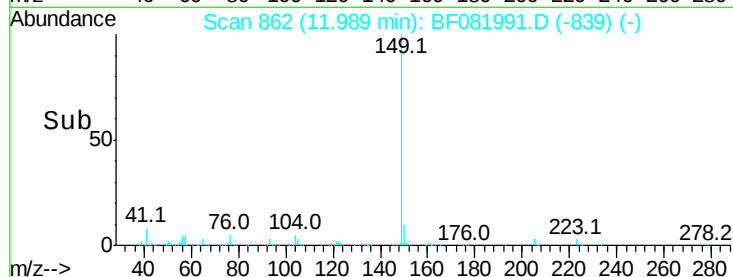
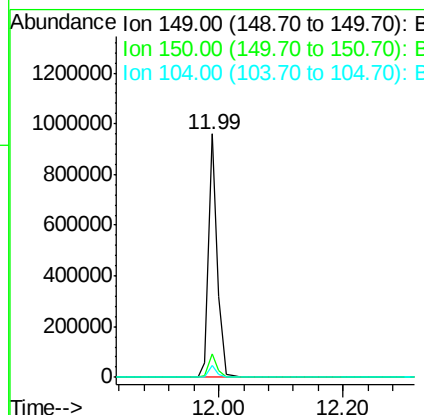
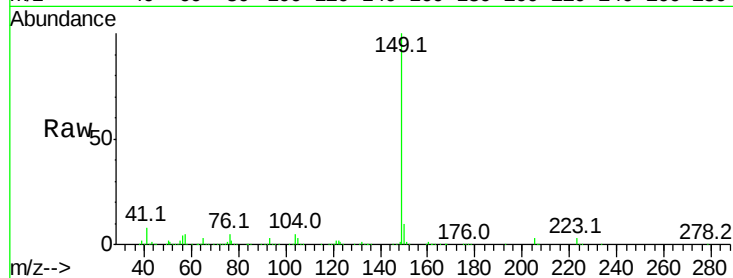
#73
Di-n-butylphthalate
Concen: 43.90 ng
RT: 11.99 min Scan# 862
Delta R.T. -0.03 min
Lab File: BF081991.D
Acq: 2 Oct 2015 21:05

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.7	7.4	11.2	
104	5.0	2.4	3.6	

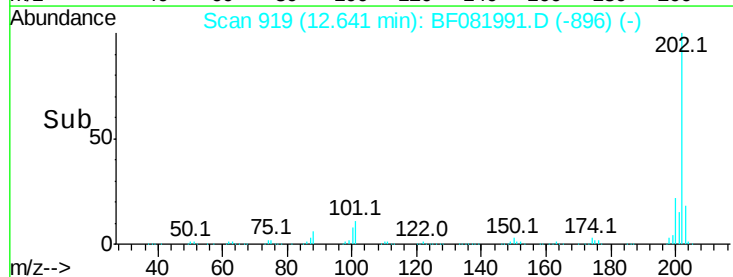
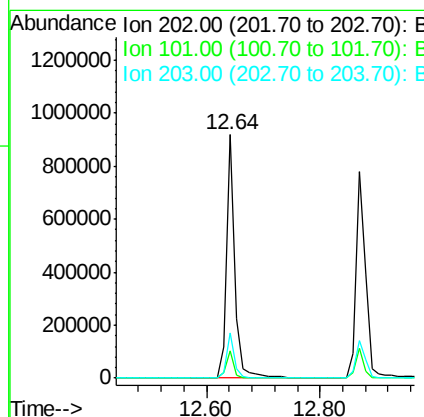
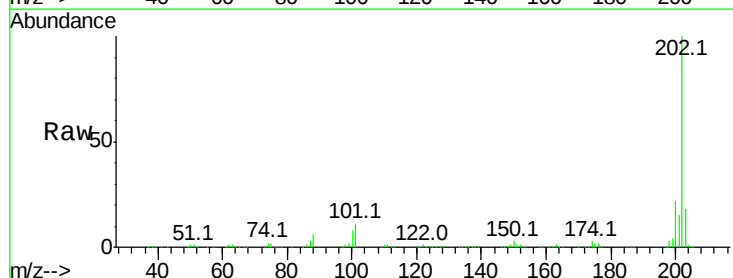
Manual Integrations
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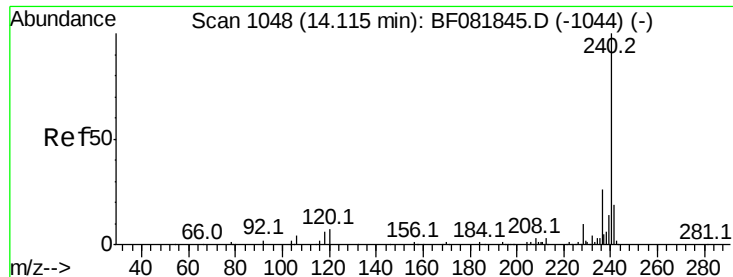
MMDADODA
10/5/2015 6:28:52 PM



#74
Fluoranthene
Concen: 38.94 ng
RT: 12.64 min Scan# 919
Delta R.T. -0.03 min
Lab File: BF081991.D
Acq: 2 Oct 2015 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	11.1	0.0	38.3	
203	18.4	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: BF081991.D

Acq: 2 Oct 2015 21:05

Instrument :

BNA_F

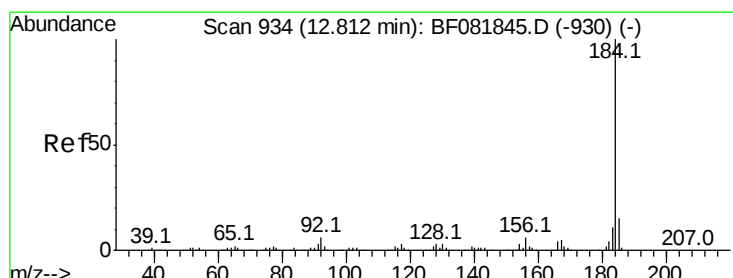
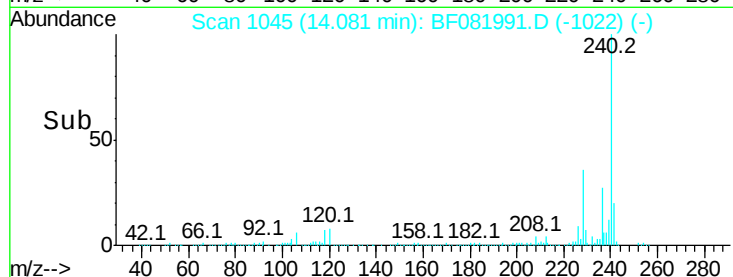
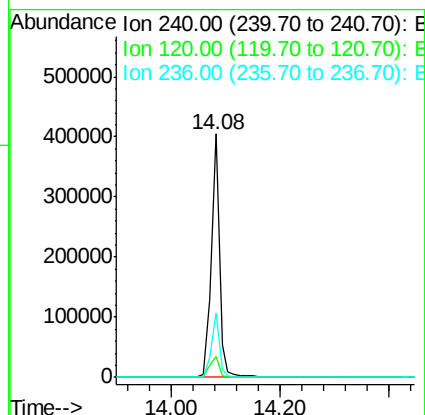
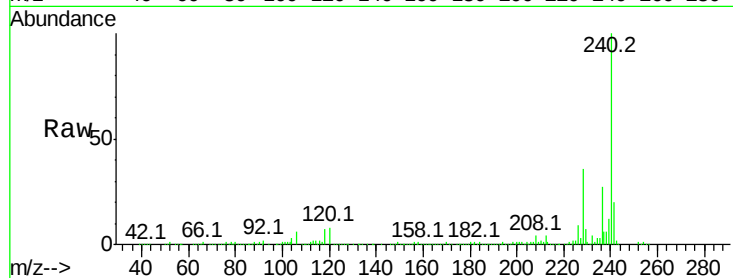
ClientSampleId :

OS-SB-24(16-18)MSD

Tot Ion:	240	Resp:	427129
Ion Ratio	Lower	Upper	
240	100		
120	8.5	16.2	24.2#
236	26.6	18.4	27.6

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#76

Benzidine

Concen: 4.18 ng

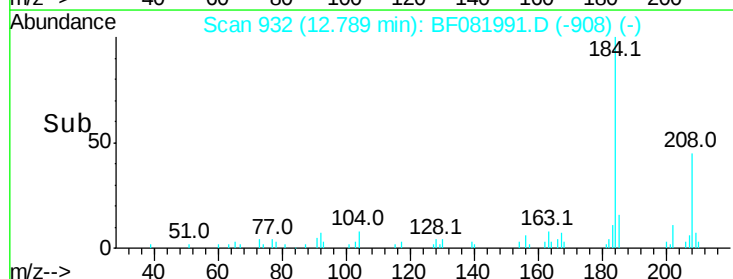
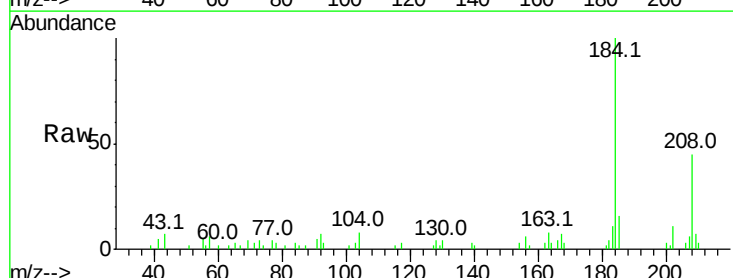
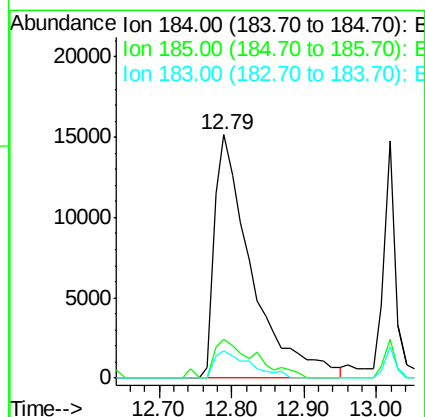
RT: 12.79 min Scan# 932

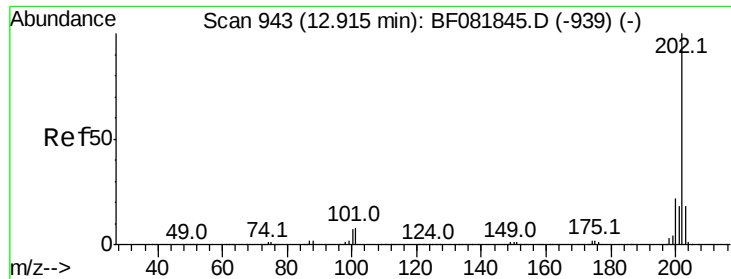
Delta R.T. -0.02 min

Lab File: BF081991.D

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Tgt Ion:	184	Resp:	53775
Ion Ratio	Lower	Upper	
184	100		
185	15.7	11.8	17.6
183	11.3	7.6	11.4





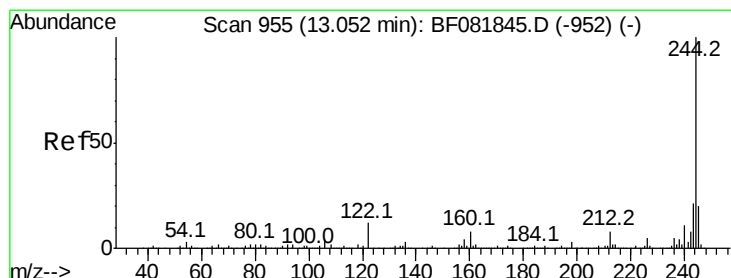
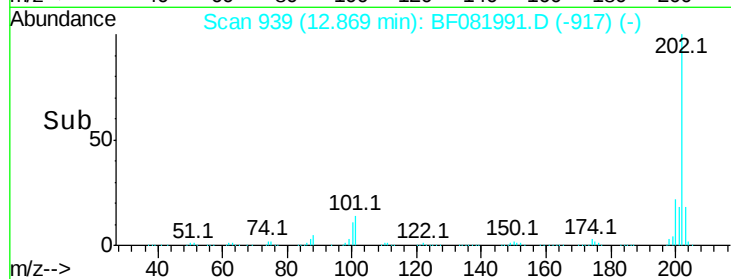
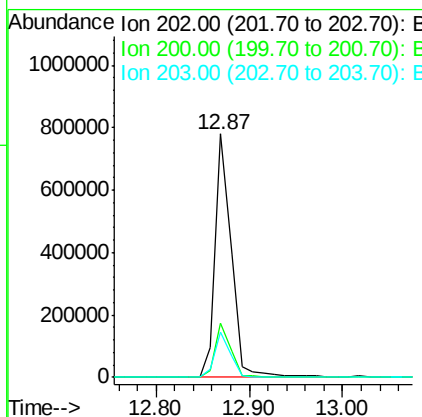
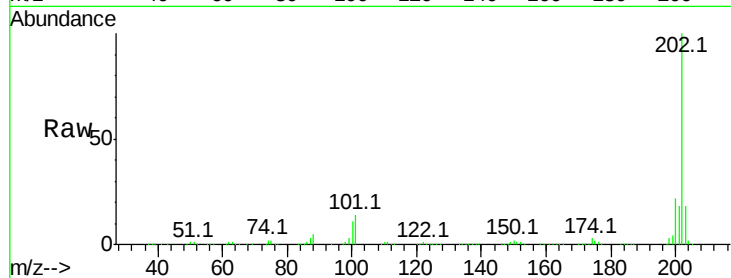
#77
Pvrene
Concen: 36.38 ng
RT: 12.87 min Scan# 939
Delta R.T. -0.05 min
Lab File: BF081991.D
Acq: 2 Oct 2015 21:05

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

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

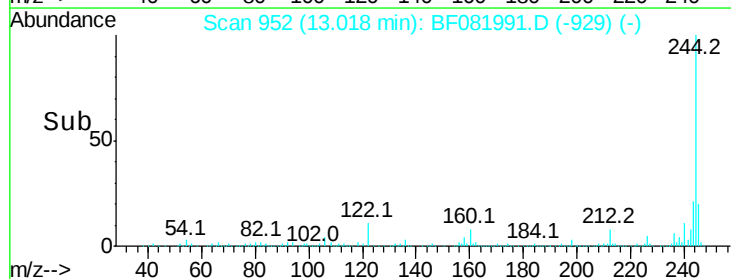
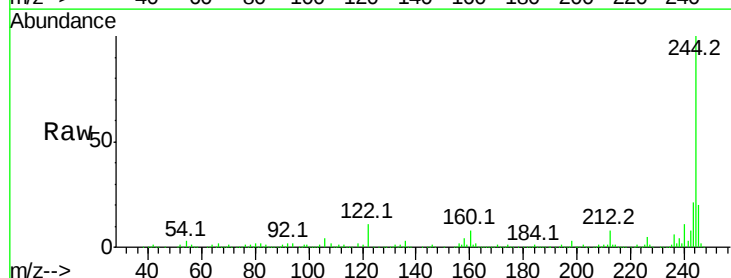
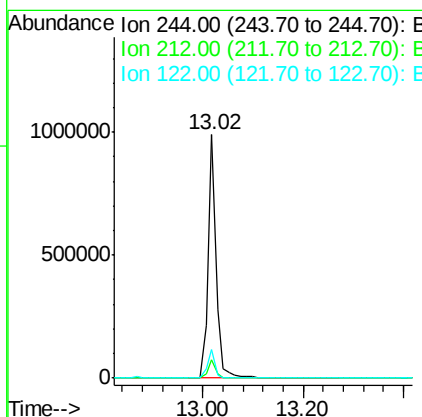
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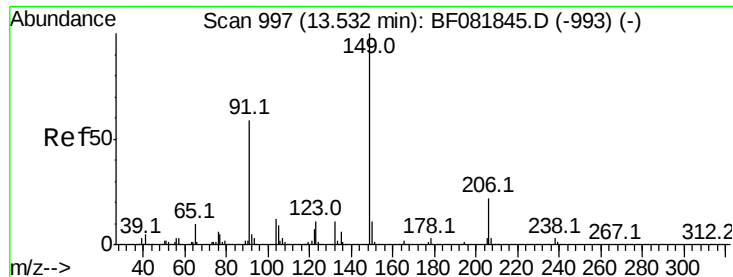
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#78
Terphenyl-d14
Concen: 82.45 ng
RT: 13.02 min Scan# 952
Delta R.T. -0.03 min
Lab File: BF081991.D
Acq: 2 Oct 2015 21:05

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.8	4.3	6.5#
122	11.5	17.4	26.2#





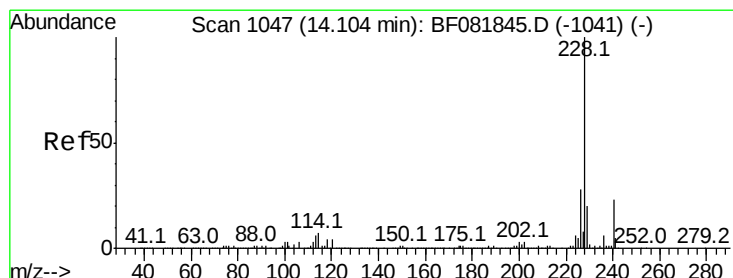
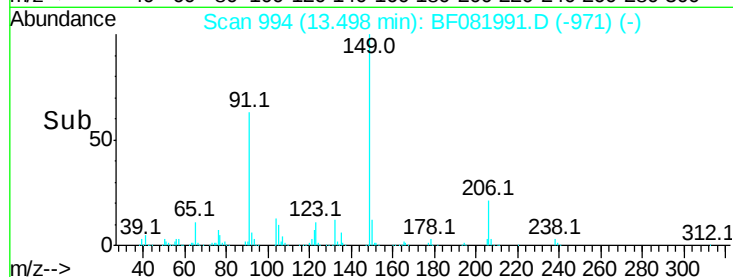
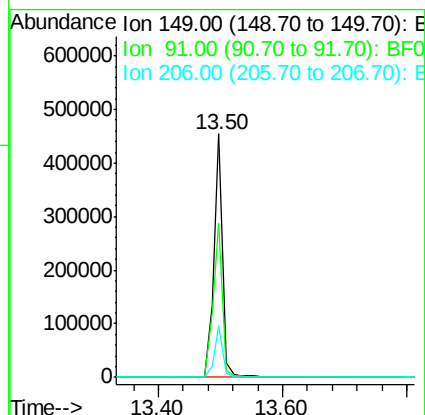
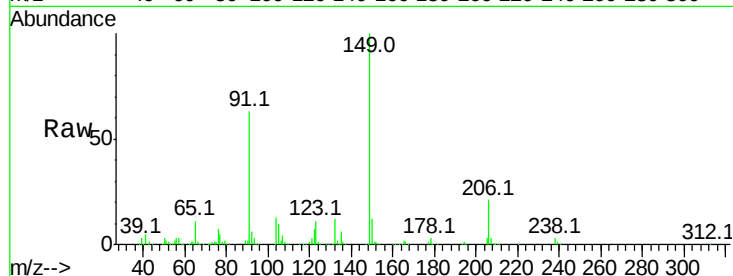
#79
Butylbenzylphthalate
Concen: 45.55 ng
RT: 13.50 min Scan# 994
Delta R.T. -0.03 min
Lab File: BF081991.D
Acq: 2 Oct 2015 21:05

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100	437374		
91	63.4	48.6	72.8	
206	21.2	14.9	22.3	

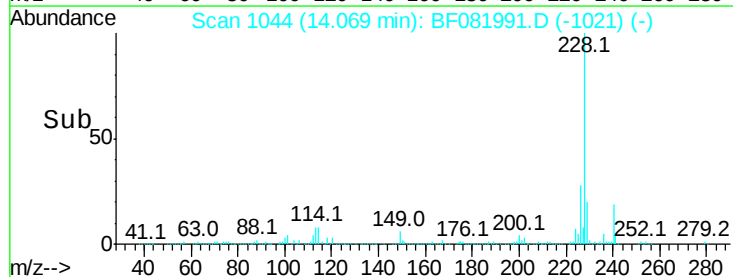
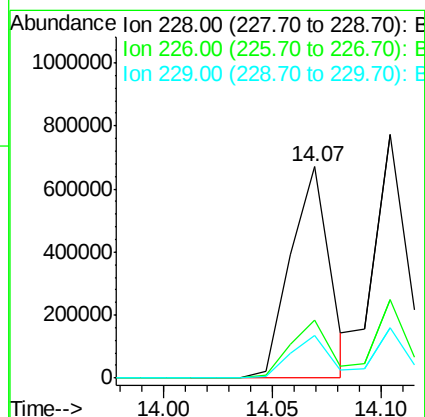
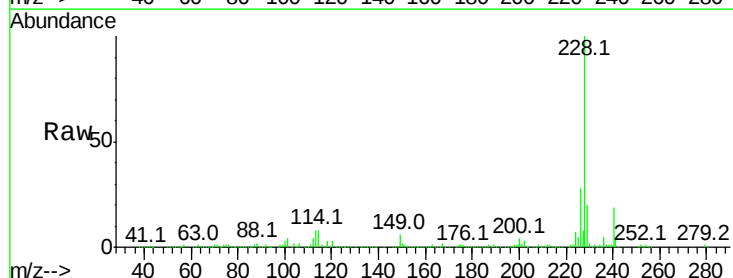
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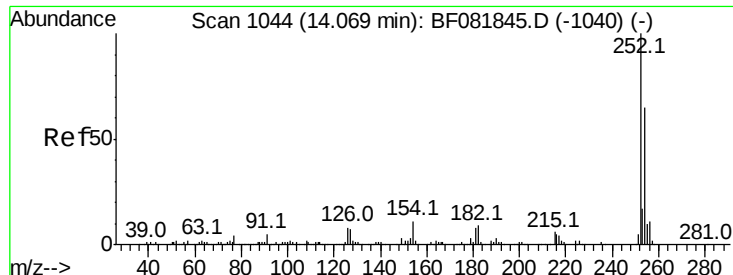
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#80
Benzo(a)anthracene
Concen: 36.62 ng
RT: 14.07 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF081991.D
Acq: 2 Oct 2015 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	842172		
226	27.8	20.0	30.0	
229	20.0	15.4	23.2	





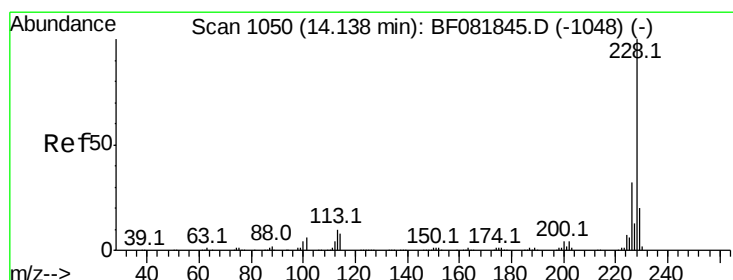
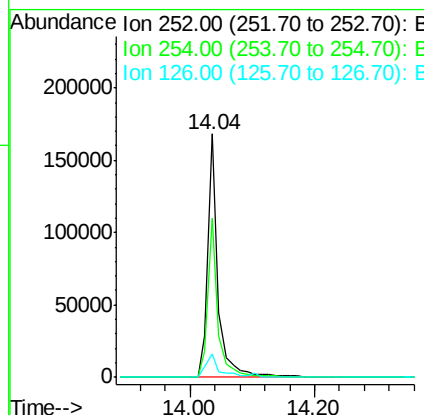
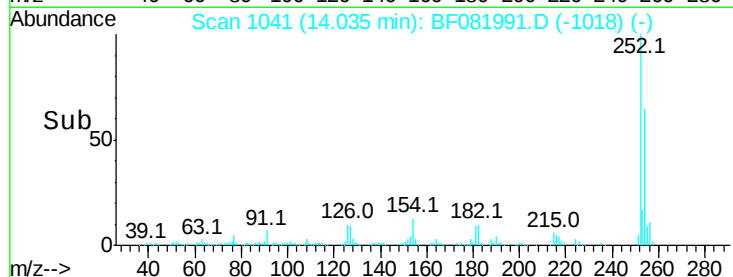
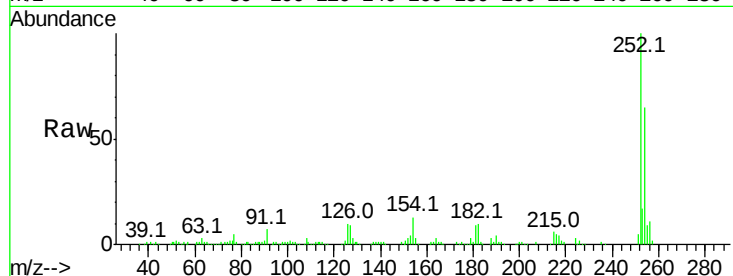
#81
 3,3'-Dichlorobenzidine
 Concen: 25.15 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BF081991.D
 Acq: 2 Oct 2015 21:05

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

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.3	51.4	77.2
126	9.7	16.4	24.6#

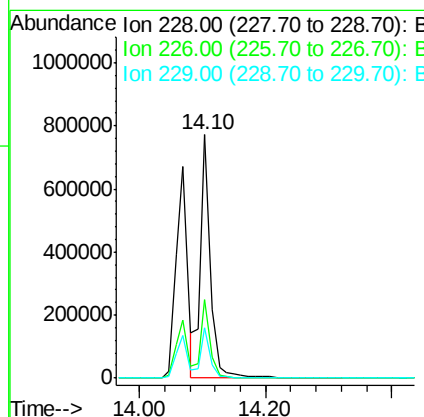
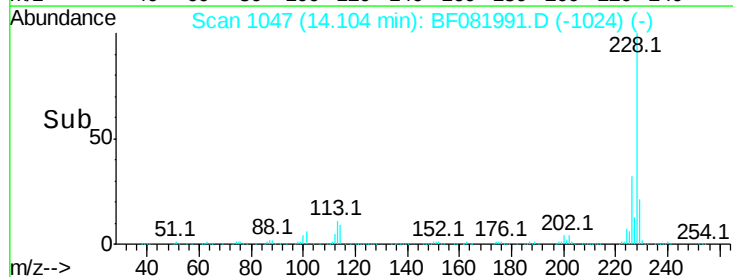
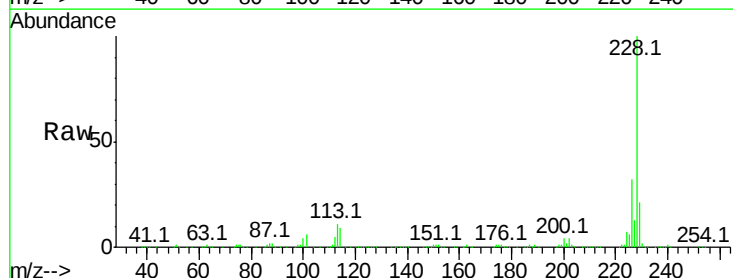
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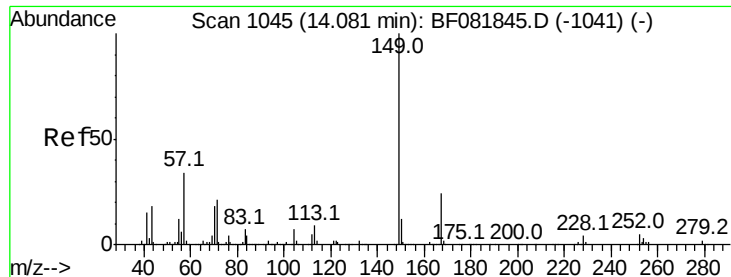
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#82
 Chrysene
 Concen: 41.21 ng m
 RT: 14.10 min Scan# 1047
 Delta R.T. -0.03 min
 Lab File: BF081991.D
 Acq: 2 Oct 2015 21:05

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	32.0	21.0	31.4#
229	20.5	15.6	23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.35 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.02 min

Lab File: BF081991.D

Acq: 2 Oct 2015 21:05

Instrument :

BNA_F

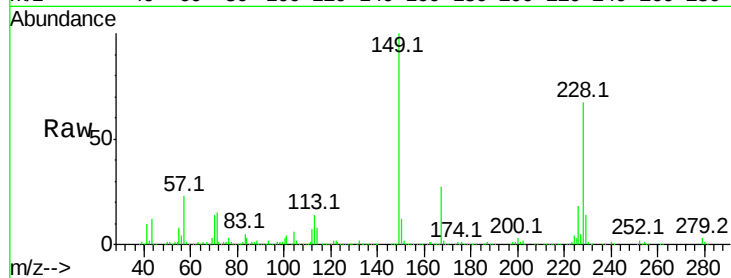
ClientSampleId :

OS-SB-24(16-18)MSD

Tot Ion:	149	Resp:	570276
Ion Ratio	Lower	Upper	
149	100		
167	27.0	24.2	36.2
279	3.4	3.8	5.6#

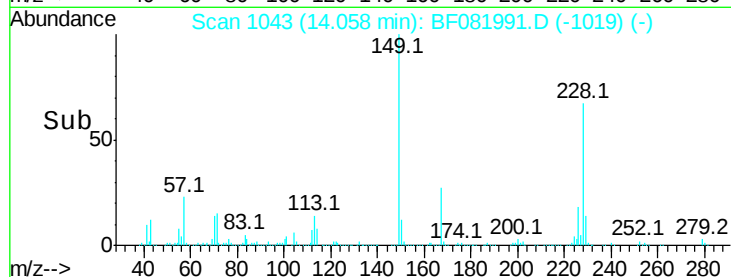
Manual Integrations
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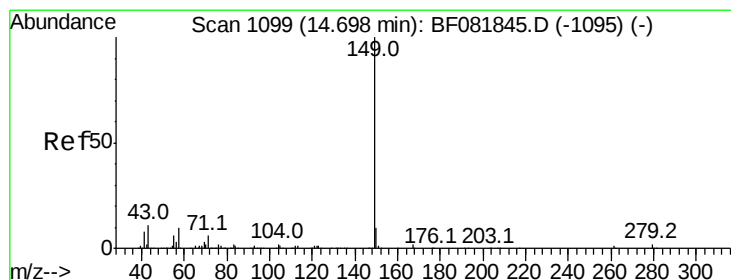


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

14.06



Time-->



#84

Di-n-octyl phthalate

Concen: 48.21 ng

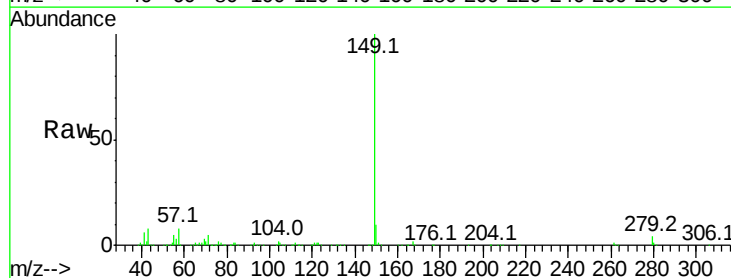
RT: 14.68 min Scan# 1097

Delta R.T. -0.02 min

Lab File: BF081991.D

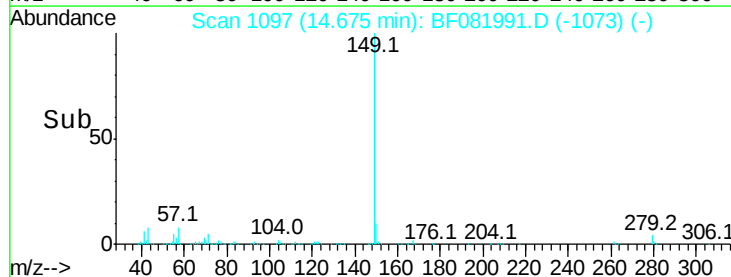
Acq: 2 Oct 2015 21:05

Tgt Ion:	149	Resp:	945013
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.0	1.6
43	9.2	10.2	15.2#

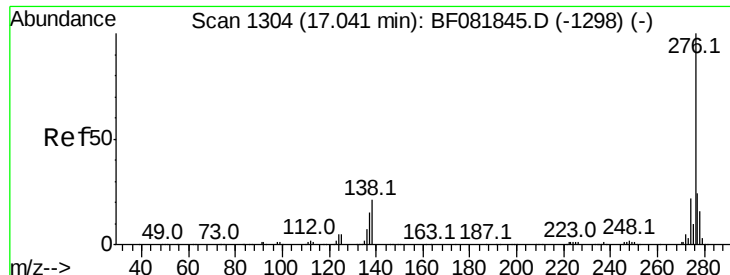


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

14.68



Time-->



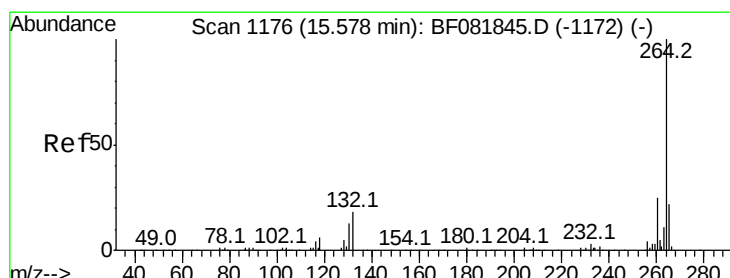
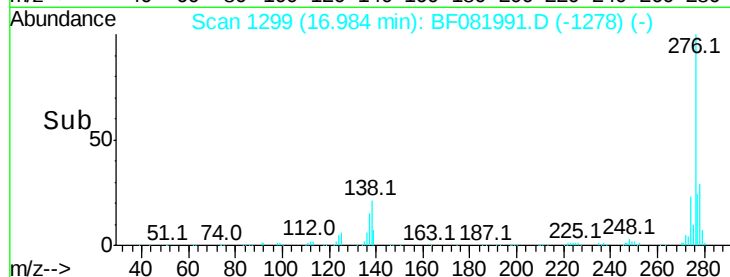
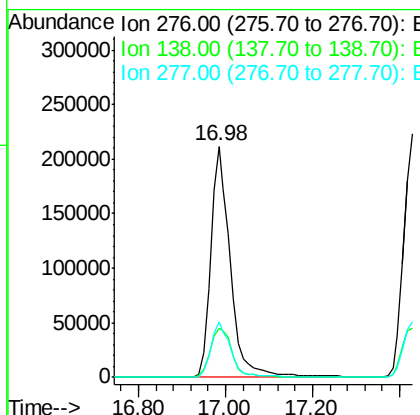
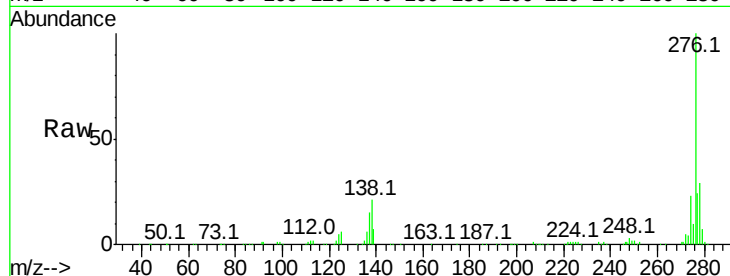
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.43 ng
 RT: 16.98 min Scan# 1299
 Delta R.T. -0.06 min
 Lab File: BF081991.D
 Acq: 2 Oct 2015 21:05

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.2	25.7	38.5#
277	24.8	15.6	23.4#

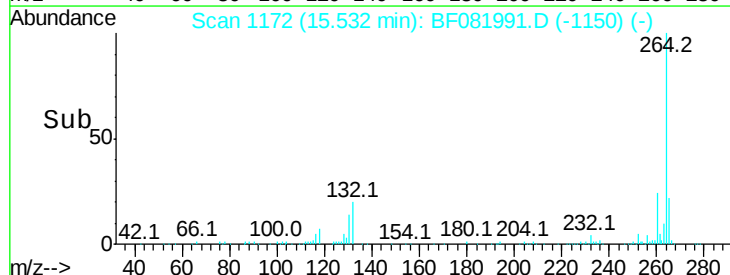
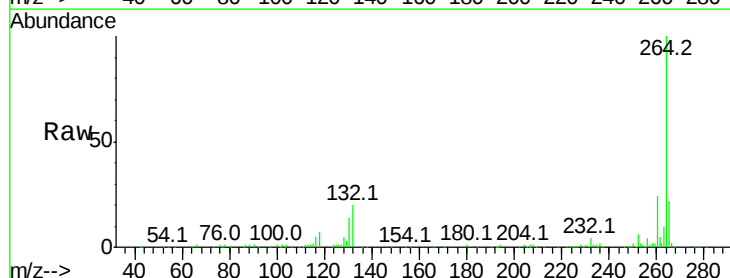
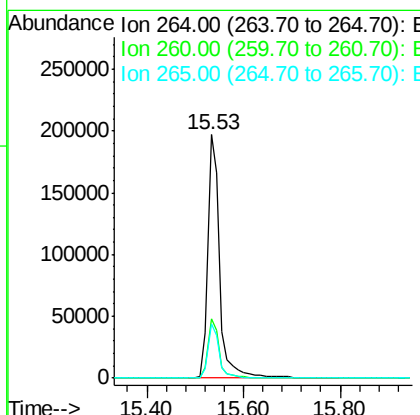
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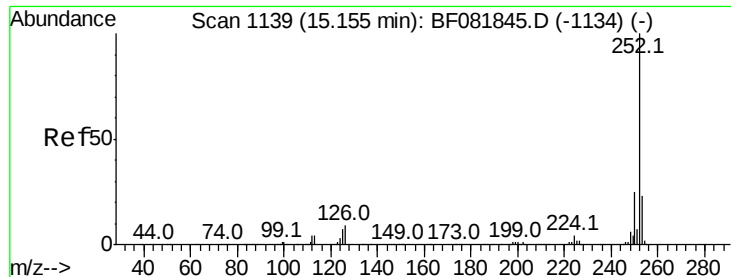
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 1172
 Delta R.T. -0.05 min
 Lab File: BF081991.D
 Acq: 2 Oct 2015 21:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	16.7	25.1
265	22.2	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 48.45 ng m

RT: 15.11 min Scan# 1135

Delta R.T. -0.05 min

Lab File: BF081991.D

Acq: 2 Oct 2015 21:05

Instrument :

BNA_F

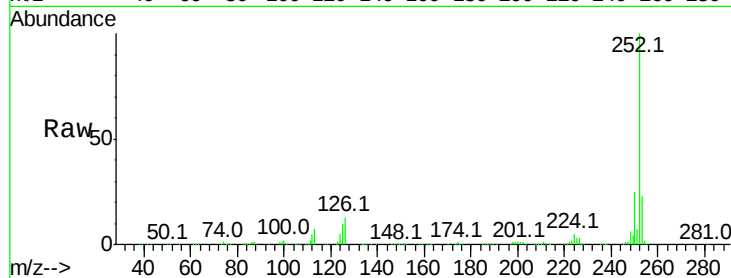
ClientSampleId :

OS-SB-24(16-18)MSD

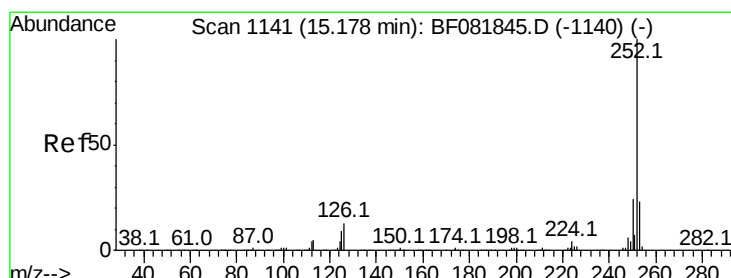
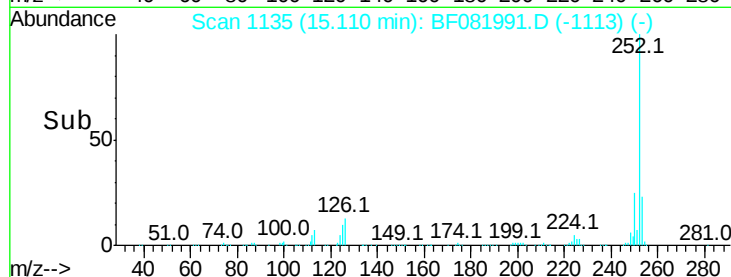
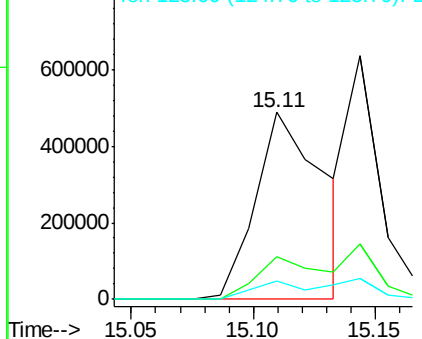
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	9.8	17.1	25.7#

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



#88

Benzo(k)fluoranthene

Concen: 36.60 ng m

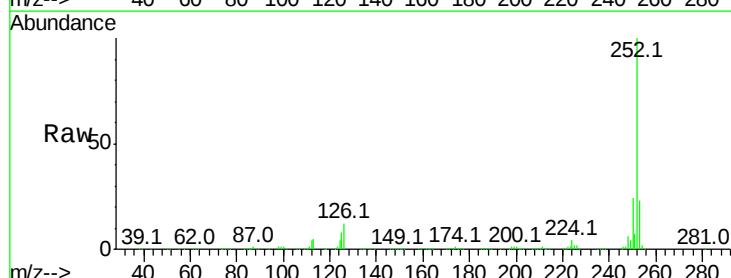
RT: 15.14 min Scan# 1138

Delta R.T. -0.03 min

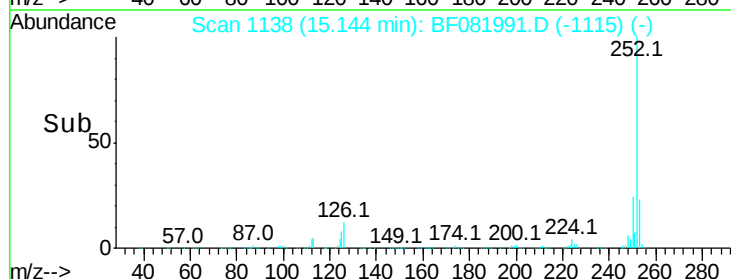
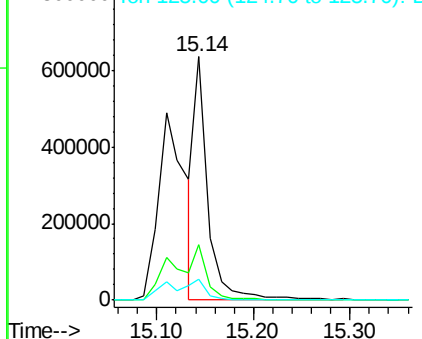
Lab File: BF081991.D

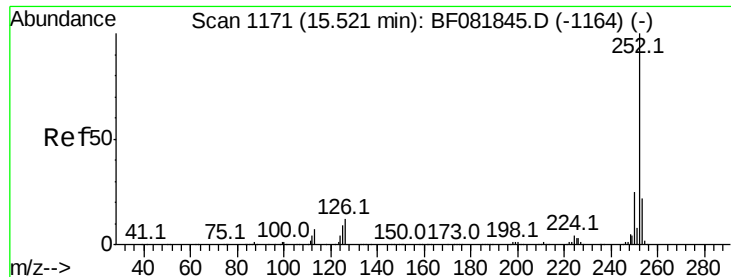
Acq: 2 Oct 2015 21:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.4
125	8.3	16.0	24.0#



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





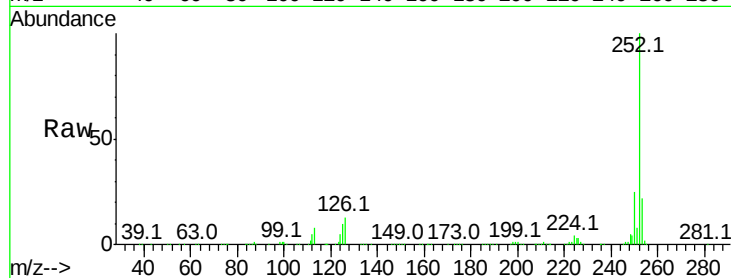
#89
Benzo(a)pyrene
Concen: 43.72 ng
RT: 15.48 min Scan# 1167
Delta R.T. -0.05 min
Lab File: BF081991.D
Acq: 2 Oct 2015 21:05

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

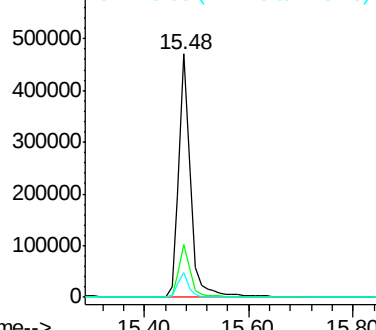
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	10.1	18.0	27.0

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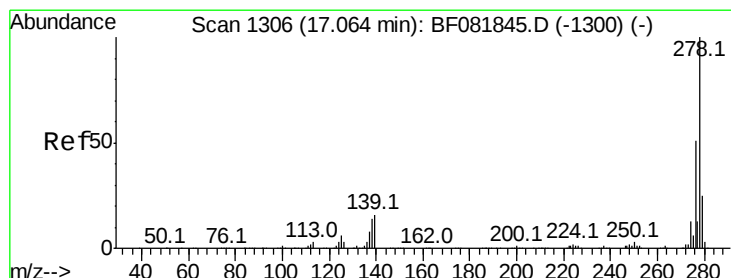
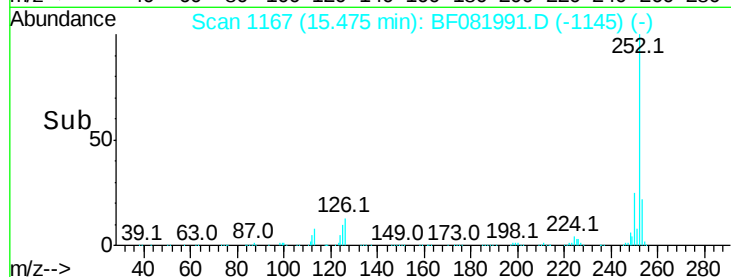
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



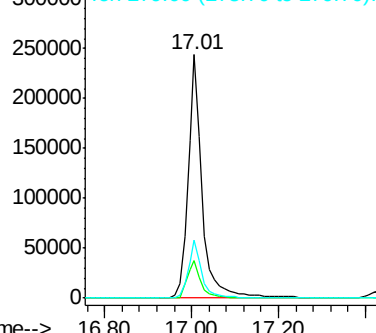
Time-->



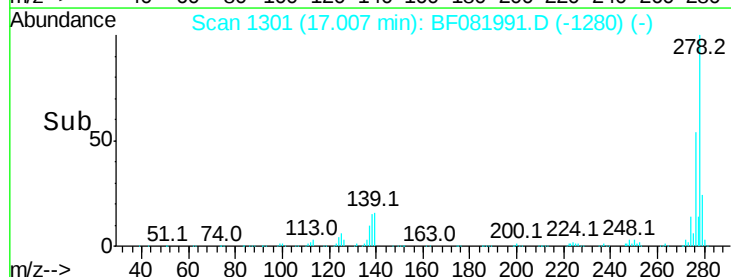
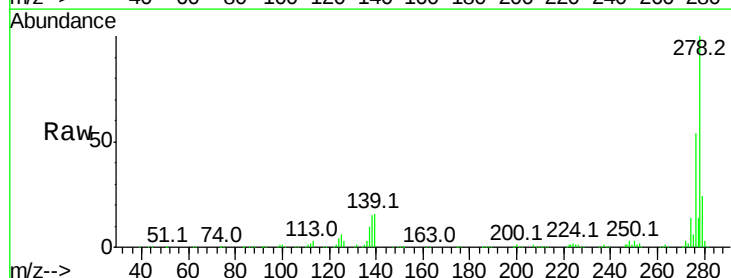
#90
Dibenzo(a,h)anthracene
Concen: 39.93 ng
RT: 17.01 min Scan# 1301
Delta R.T. -0.06 min
Lab File: BF081991.D
Acq: 2 Oct 2015 21:05

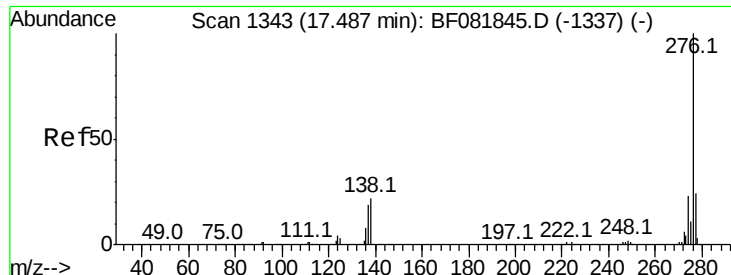
Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.7	26.3	39.5
279	24.1	18.2	27.4

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



Time-->





#91
 Benzo(a,h,i)perylene
 Concen: 37.95 ng
 RT: 17.43 min Scan# 1338
 Delta R.T. -0.06 min
 Lab File: BF081991.D
 Acq: 2 Oct 2015 21:05

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

Tot Ion:	276	Resp:	545762
Ion Ratio		Lower	Upper
276	100		
277	23.0	17.8	26.6
138	20.1	34.6	51.8

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