

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
 Data File : BF083148.D
 Acq On : 22 Nov 2015 9:55
 Operator : UM/IZ
 Sample : G4510-08MS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-14A-111815MS

Manual Integrations
 APPROVED

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 11/23/2015 7:01:50 PM

Quant Time: Nov 23 16:18:40 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	206302	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	786538	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	404354	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	737254	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	587975	20.00	ng	-0.01
86) Perylene-d12	15.15	264	511318	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.27	112	1144428	83.87	ng	-0.01
7) Phenol-d6	6.32	99	988675	56.00	ng	-0.02
23) Nitrobenzene-d5	7.23	82	1624552	94.38	ng	0.00
41) 2,4,6-Tribromophenol	10.48	330	511556	123.66	ng	-0.01
44) 2-Fluorobiphenyl	9.03	172	2507733	86.48	ng	0.00
78) Terphenyl-d14	12.75	244	2151233	86.16	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.19	88	121081	17.91	ng	96
3) Pyridine	3.48	79	79791m	4.47	ng	
4) n-Nitrosodimethylamine	2.79	42	143384	17.41	ng	82
8) 2-Chlorophenol	6.44	128	629129	42.67	ng	98
9) Benzaldehyde	6.19	77	538397	Below Cal		95
10) Phenol	6.33	94	398087	18.64	ng	# 77
11) bis(2-Chloroethyl)ether	6.40	93	786990	51.60	ng	98
12) 1,3-Dichlorobenzene	6.59	146	679623m	40.37	ng	
13) 1,4-Dichlorobenzene	6.67	146	675738	39.68	ng	93
14) 1,2-Dichlorobenzene	6.82	146	623466	40.28	ng	96
15) Benzyl Alcohol	6.82	79	378949	25.68	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1139274	47.90	ng	89
17) 2-Methylphenol	6.95	107	723677	59.32	ng	# 74
18) Hexachloroethane	7.16	117	244826	40.82	ng	# 87
19) n-Nitroso-di-n-propylamine	7.10	70	603595	49.12	ng	# 90
20) 3+4-Methylphenols	7.10	107	572873	37.15	ng	95
22) Acetophenone	7.07	105	995489	44.09	ng	# 98
24) Nitrobenzene	7.24	77	799036	43.44	ng	99
25) Isophorone	7.50	82	1521000	46.67	ng	99
26) 2-Nitrophenol	7.56	139	378605	46.63	ng	96
27) 2,4-Dimethylphenol	7.62	122	590536	45.57	ng	97
28) bis(2-Chloroethoxy)methane	7.71	93	904035	47.71	ng	98
29) 2,4-Dichlorophenol	7.82	162	608463	49.37	ng	98
30) 1,2,4-Trichlorobenzene	7.88	180	579219	42.78	ng	95
31) Naphthalene	7.96	128	1922894	45.30	ng	98
32) Benzoic acid	7.75	122	141794	14.08	ng	98
33) 4-Chloroaniline	8.03	127	69113	4.20	ng	94
34) Hexachlorobutadiene	8.09	225	344721	43.09	ng	98
35) Caprolactam	8.43	113	23732m	6.01	ng	
36) 4-Chloro-3-methylphenol	8.51	107	607190	42.53	ng	# 85
37) 2-Methylnaphthalene	8.65	142	1234332	44.80	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	550979	42.04	ng	# 97
40) Hexachlorocyclopentadiene	8.81	237	458642	61.54	ng	97
42) 2,4,6-Trichlorophenol	8.95	196	415240	44.24	ng	99

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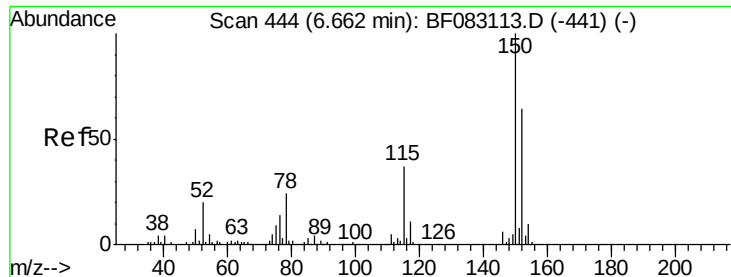
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.98	196	447650	46.64	nq	# 88
45) 1,1'-Biphenyl	9.12	154	1407020	40.88	nq	95
46) 2-Chloronaphthalene	9.14	162	1196131	44.25	nq	95
47) 2-Nitroaniline	9.24	65	430583	45.03	nq	99
48) Acenaphthylene	9.55	152	1752708	41.84	nq	99
49) Dimethylphthalate	9.44	163	1534977	49.31	nq	99
50) 2,6-Dinitrotoluene	9.50	165	332548	47.61	nq	# 57
51) Acenaphthene	9.72	154	1102055	43.23	nq	100
52) 3-Nitroaniline	9.66	138	80256	10.78	nq	# 67
53) 2,4-Dinitrophenol	9.76	184	349807	86.92	nq	# 82
54) Dibenzofuran	9.90	168	1536650	42.62	nq	95
55) 4-Nitrophenol	9.85	139	217223	38.04	nq	# 77
56) 2,4-Dinitrotoluene	9.88	165	412760	46.64	nq	95
57) Fluorene	10.24	166	1311479	44.02	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	371025	47.13	nq	100
59) Diethylphthalate	10.14	149	1467351	47.35	nq	100
60) 4-Chlorophenyl-phenylether	10.24	204	608201	44.57	nq	# 80
61) 4-Nitroaniline	10.27	138	187652	25.59	nq	93
62) Azobenzene	10.39	77	1653084	46.74	nq	98
64) 4,6-Dinitro-2-methylphenol	10.30	198	232921	45.85	nq	# 76
65) n-Nitrosodiphenylamine	10.35	169	1073792	42.82	nq	100
66) 4-Bromophenyl-phenylether	10.72	248	379212	46.35	nq	# 85
67) Hexachlorobenzene	10.79	284	430520	47.79	nq	# 81
68) Atrazine	10.90	200	387596	53.23	nq	96
69) Pentachlorophenol	10.98	266	494050	84.19	nq	99
70) Phenanthrene	11.19	178	1868815	44.00	nq	99
71) Anthracene	11.24	178	2036375	46.99	nq	99
72) Carbazole	11.40	167	1698289	44.09	nq	99
73) Di-n-butylphthalate	11.75	149	2267531	48.23	nq	99
74) Fluoranthene	12.38	202	2081541	47.88	nq	96
77) Pyrene	12.59	202	1931270	48.08	nq	99
79) Butylbenzylphthalate	13.23	149	994693	52.32	nq	99
80) Benzo(a)anthracene	13.78	228	1798933	49.47	nq	99
82) Chrysene	13.82	228	1382597	41.00	nq	99
83) Bis(2-ethylhexyl)phthalate	13.79	149	1278192	51.48	nq	96
84) Di-n-octyl phthalate	14.40	149	2106609	49.28	nq	97
85) Indeno(1,2,3-cd)pyrene	16.42	276	1469427	47.91	nq	97
87) Benzo(b)fluoranthene	14.79	252	1677603m	48.02	nq	
88) Benzo(k)fluoranthene	14.81	252	1140123m	43.80	nq	
89) Benzo(a)pyrene	15.11	252	1312617	45.51	nq	98
90) Dibenzo(a,h)anthracene	16.43	278	1236119	47.18	nq	# 97
91) Benzo(g,h,i)perylene	16.80	276	1228512	48.03	nq	# 96

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



#1

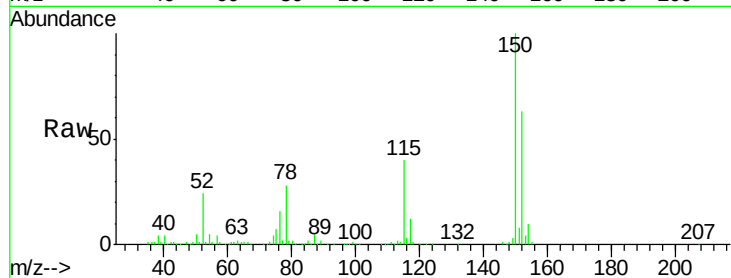
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 408
Delta R.T. -0.01 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Instrument :
BNA_F
ClientSampleId :
MW-14A-111815MS

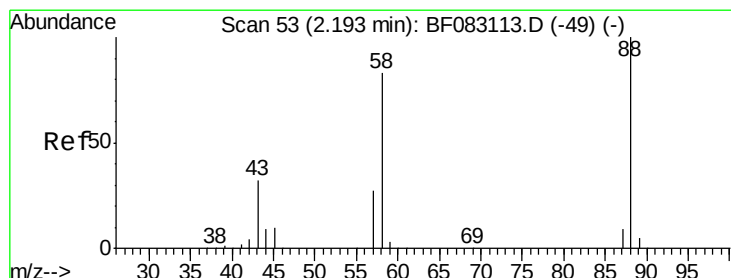
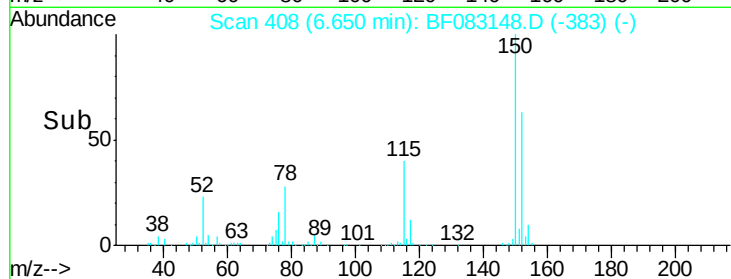
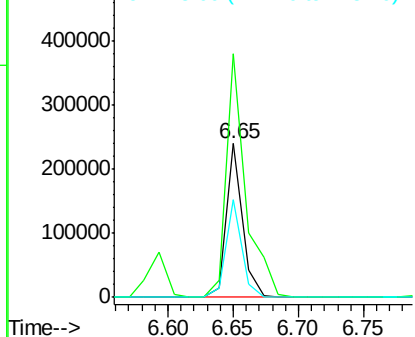
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	125.8	188.8
115	63.5	46.9	70.3

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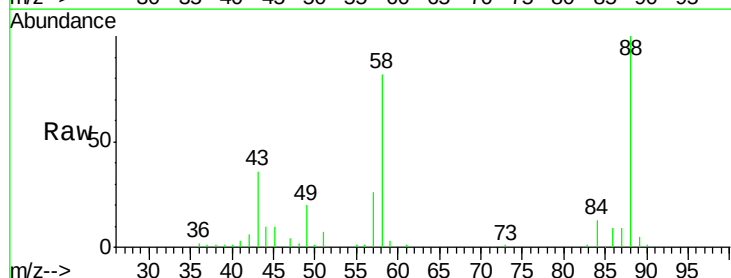
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



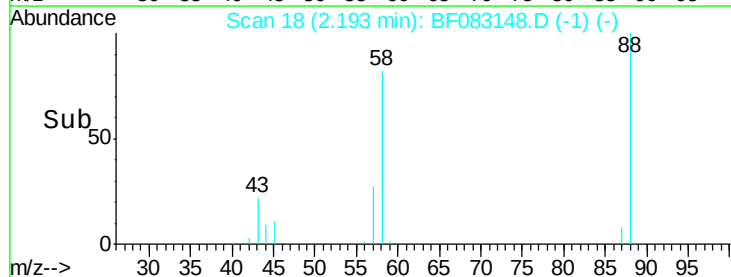
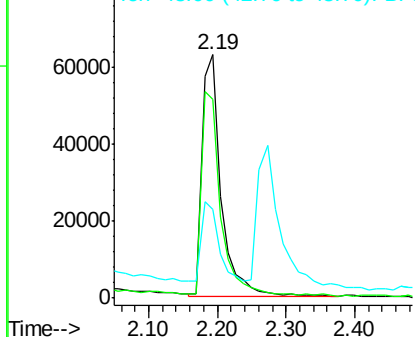
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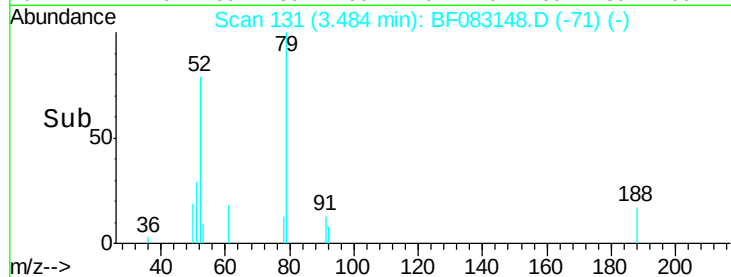
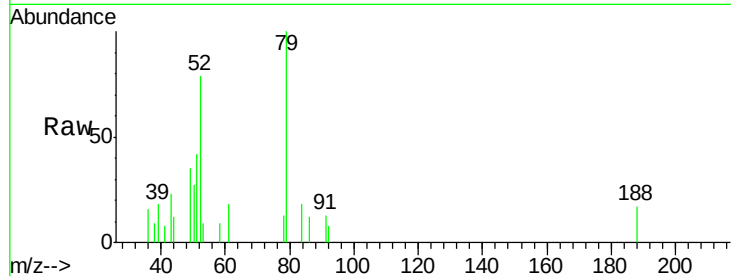
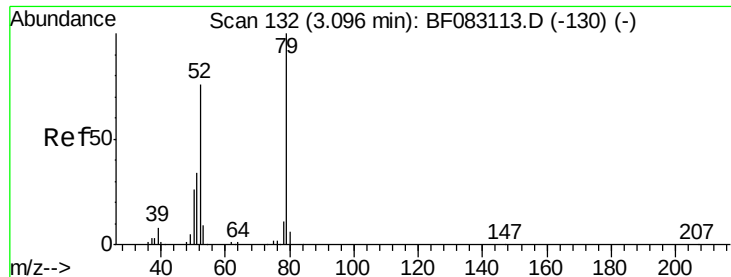
1,4-Dioxane
Concen: 17.91 ng
RT: 2.19 min Scan# 18
Delta R.T. 0.00 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.0	65.0	97.6
43	30.0	24.7	37.1



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





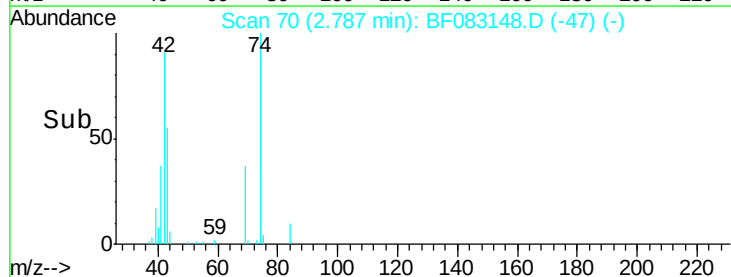
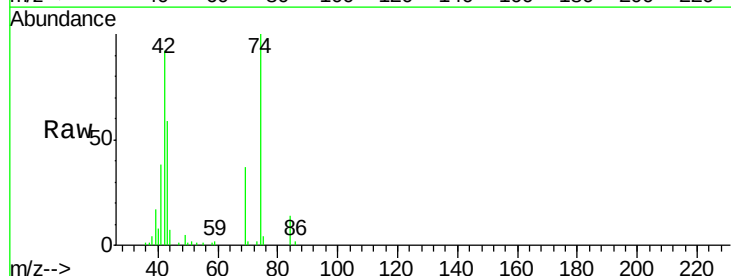
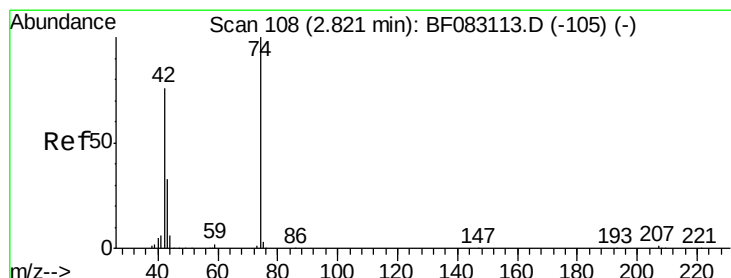
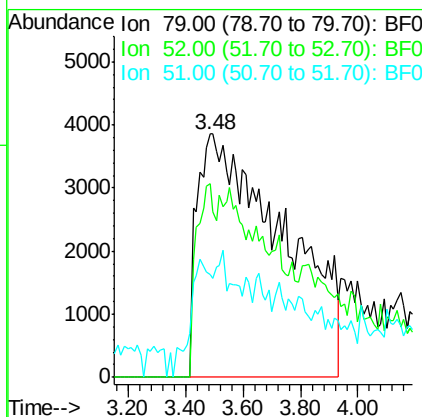
#3
Pvridine
Concen: 4.47 ng/ml
RT: 3.48 min Scan# 131
Delta R.T. 0.39 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100			
52	52	79.3		60.7	91.1
51	51	42.3		27.9	41.9

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ClientSampleId :
MW-14A-111815MS

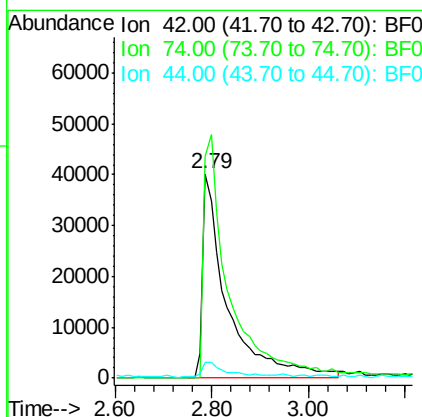
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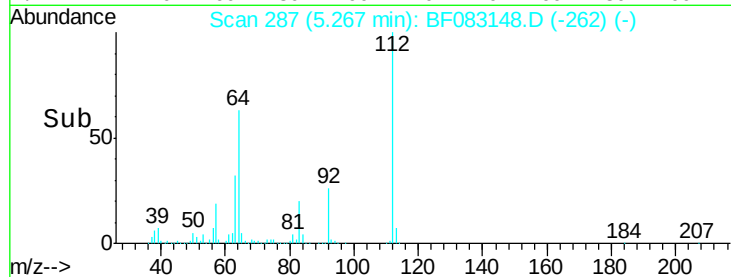
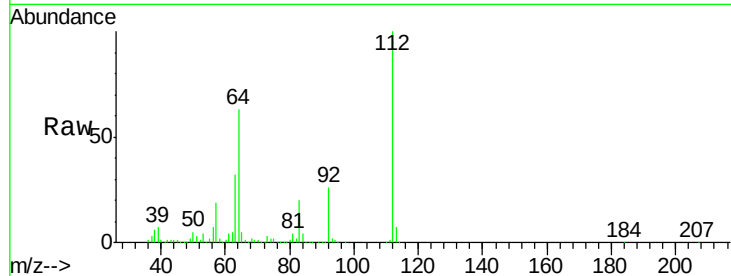
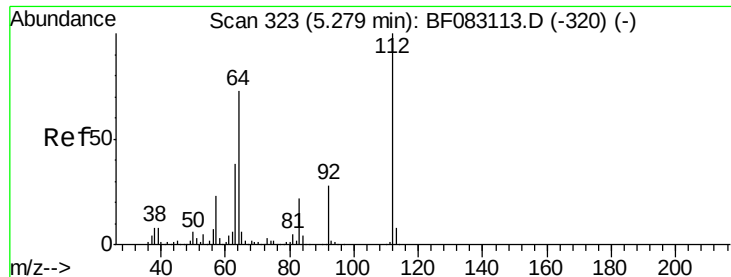
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#4
n-Nitrosodimethylamine
Concen: 17.41 ng
RT: 2.79 min Scan# 70
Delta R.T. -0.03 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100			
74	74	108.8		104.8	157.2
44	44	7.7		6.2	9.4





#5

2-Fluorophenol

Concen: 83.87 ng

RT: 5.27 min Scan# 287

Delta R.T. -0.01 min

Lab File: BF083148.D

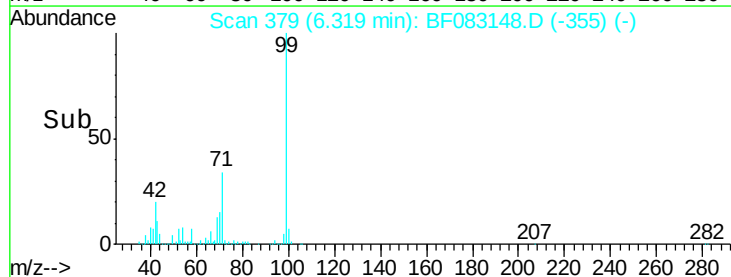
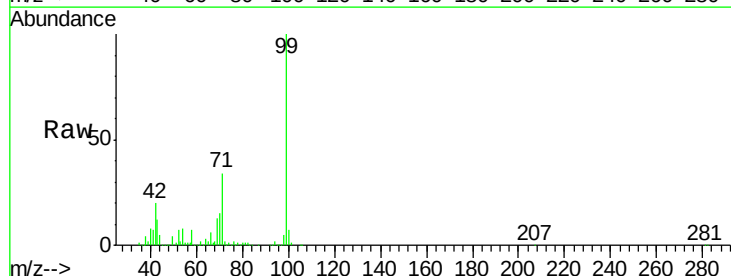
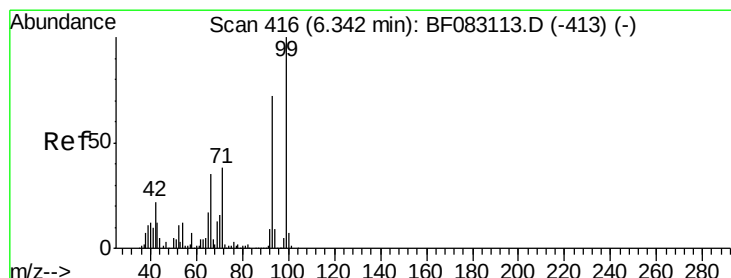
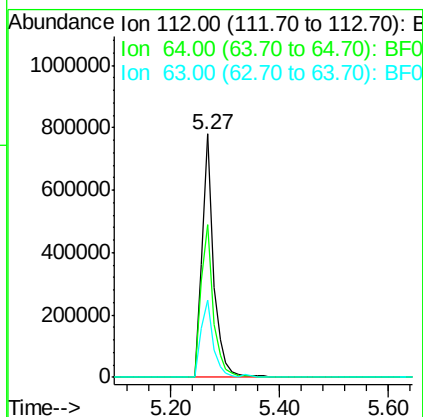
Acq: 22 Nov 2015 9:55

Tot Ion:	112	Resp:	1144428
Ion	Ratio	Lower	Upper
112	100		
64	62.9	58.4	87.6
63	31.7	30.0	45.0

Instrument :
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#7

Phenol-d6

Concen: 56.00 ng

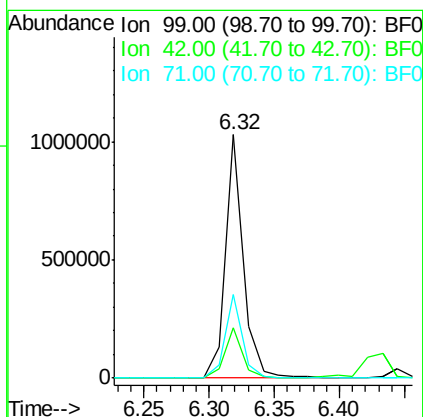
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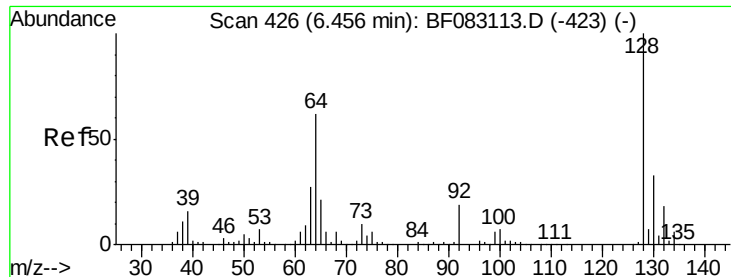
Delta R.T. -0.02 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Tgt Ion:	99	Resp:	988675
Ion	Ratio	Lower	Upper
99	100		
42	20.4	17.7	26.5
71	34.4	30.2	45.4





#8

2-Chlorophenol

Concen: 42.67 ng

RT: 6.44 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Instrument :

BNA_F

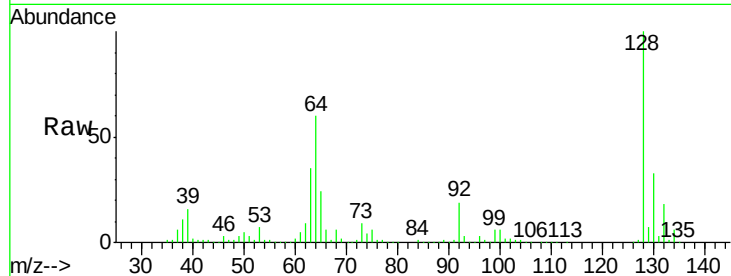
ClientSampleId :

MW-14A-111815MS

Tot Ion:	128	Resp:	629129
Ion Ratio	Lower	Upper	
128	100		
130	32.5	12.6	52.6
64	59.6	41.9	81.9

Manual Integrations
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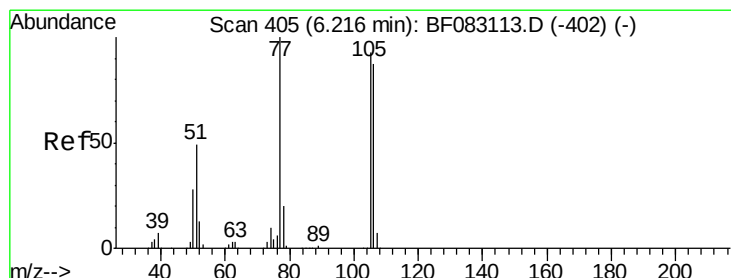
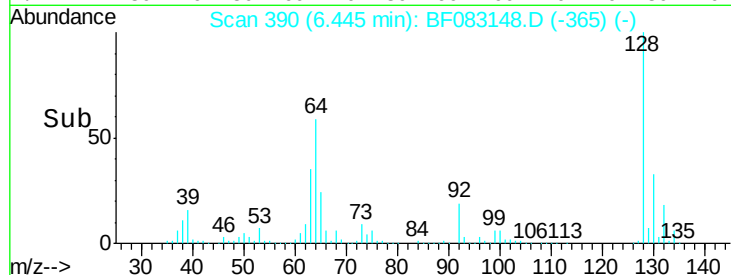
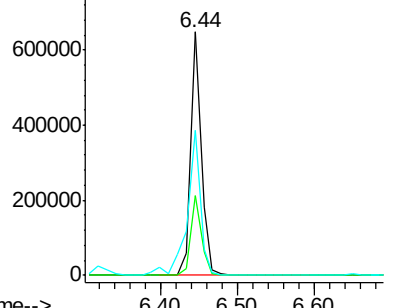
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#9

Benzaldehyde

Concen: Below Cal

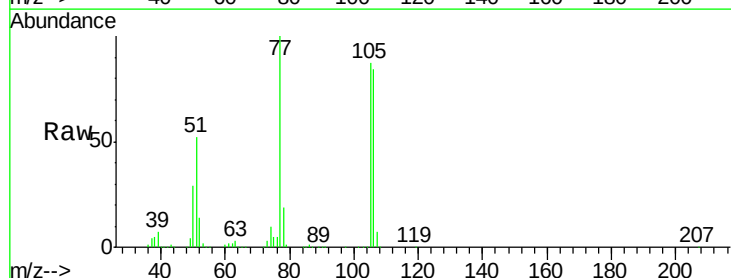
RT: 6.19 min Scan# 368

Delta R.T. -0.02 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

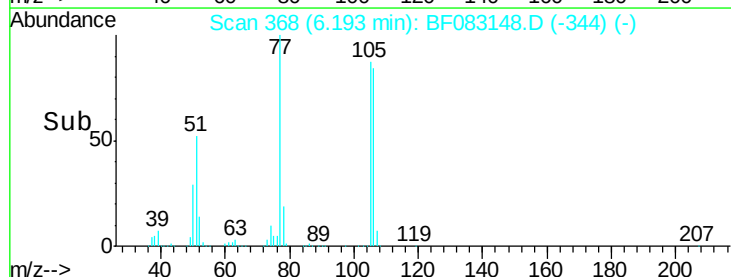
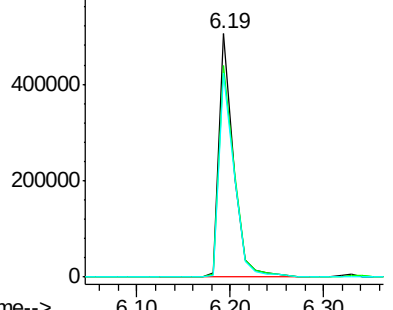
Tgt Ion:	77	Resp:	538397
Ion Ratio	Lower	Upper	
77	100		
105	86.8	73.4	113.4
106	83.8	67.5	107.5

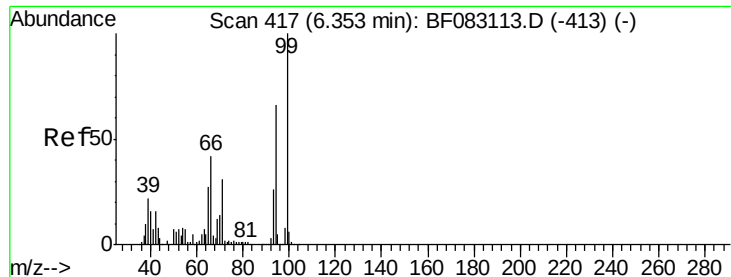


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 18.64 ng

RT: 6.33 min Scan# 380

Delta R.T. -0.02 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Instrument :

BNA_F

ClientSampleId :

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Tot Ion: 94 Resp: 398087

Ion Ratio Lower Upper

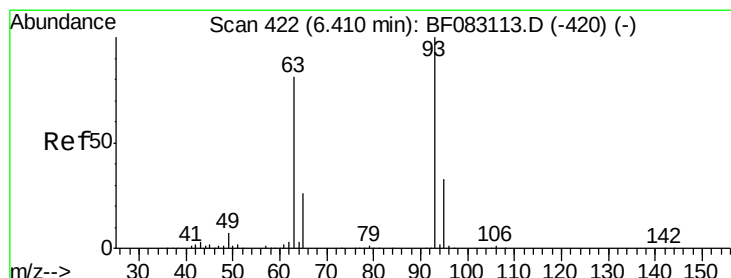
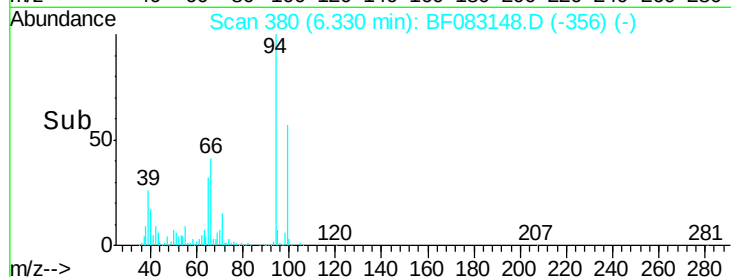
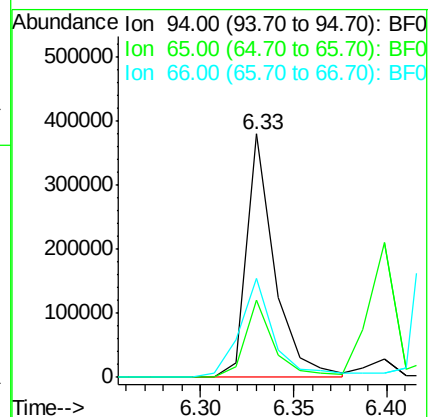
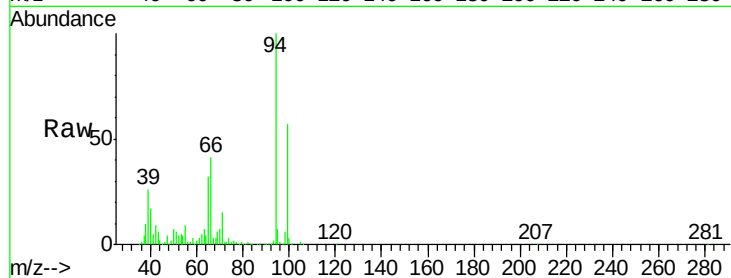
94 100

65 31.7 21.1 61.1

66 40.8 43.1 83.1#

Manual Integrations
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#11

bis(2-Chloroethyl)ether

Concen: 51.60 ng

RT: 6.40 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

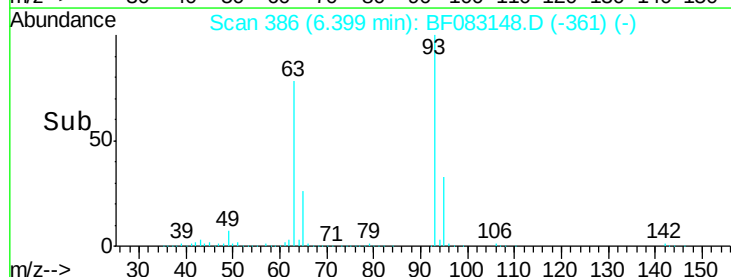
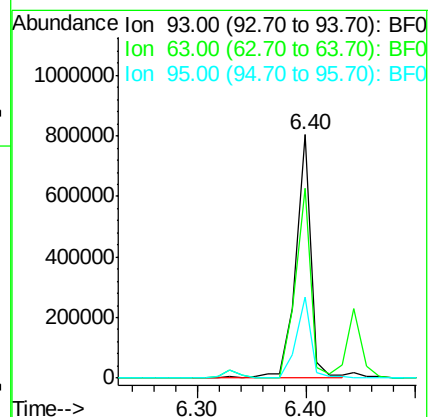
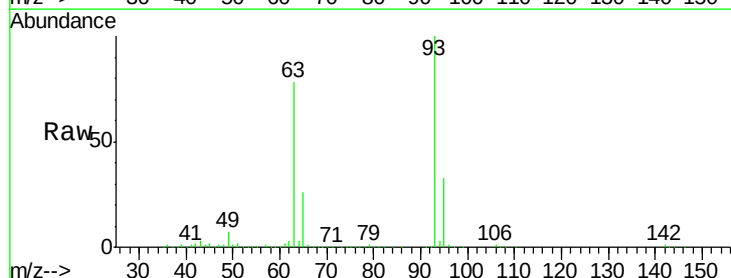
Tgt Ion: 93 Resp: 786990

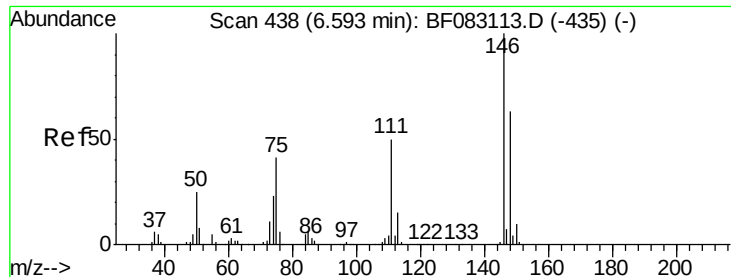
Ion Ratio Lower Upper

93 100

63 78.1 59.8 99.8

95 33.3 13.0 53.0





#12

1,3-Dichlorobenzene

Concen: 40.37 ng/mL

RT: 6.59 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Instrument :

BNA_F

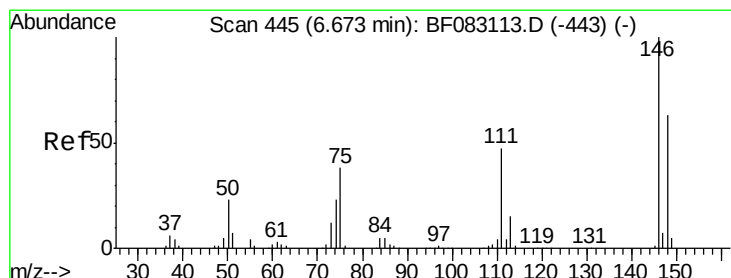
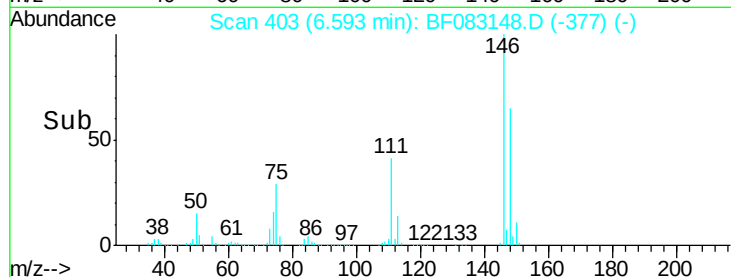
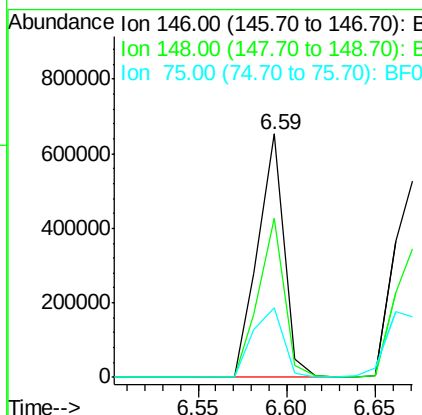
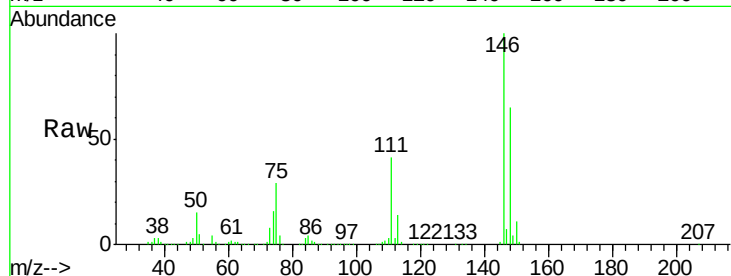
ClientSampleId :

MW-14A-111815MS

Tot Ion:	146	Resp:	679623
Ion Ratio	Lower	Upper	
146	100		
148	65.1	50.2	75.2
75	28.7	32.7	49.1#

Manual Integrations
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Mmdadoda
11/23/2015 7:01:50 PM



#13

1,4-Dichlorobenzene

Concen: 39.68 ng/mL

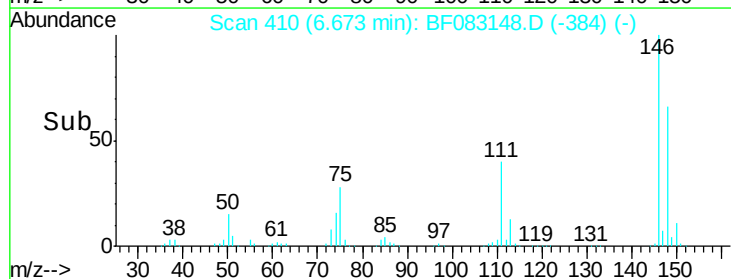
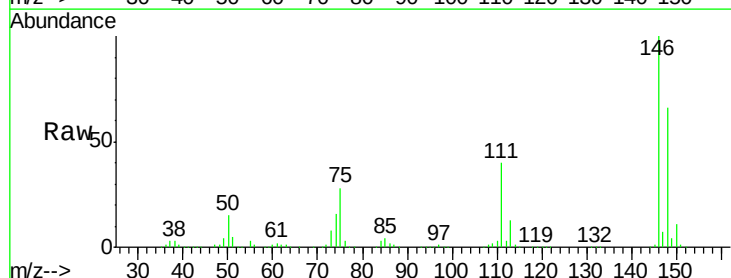
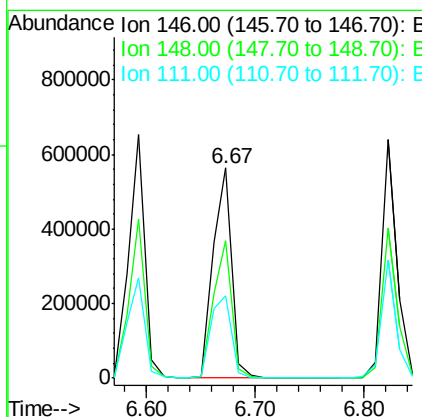
RT: 6.67 min Scan# 410

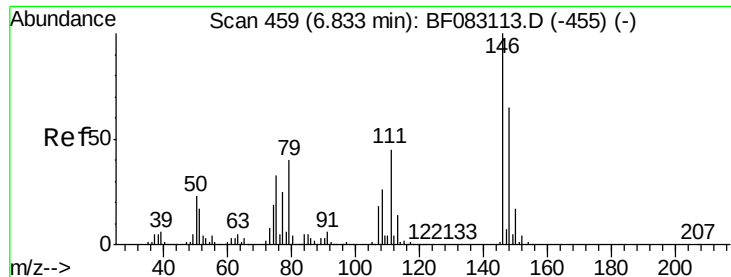
Delta R.T. 0.00 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Tgt Ion:	146	Resp:	675738
Ion Ratio	Lower	Upper	
146	100		
148	65.6	50.2	75.2
111	39.5	37.5	56.3





#14

1,2-Dichlorobenzene

Concen: 40.28 ng

RT: 6.82 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Instrument :

BNA_F

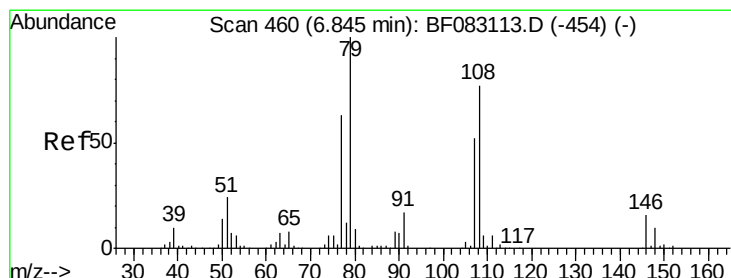
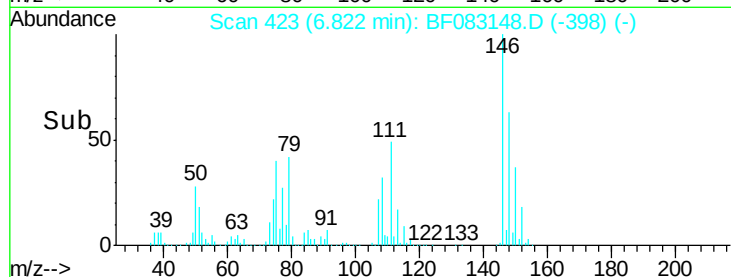
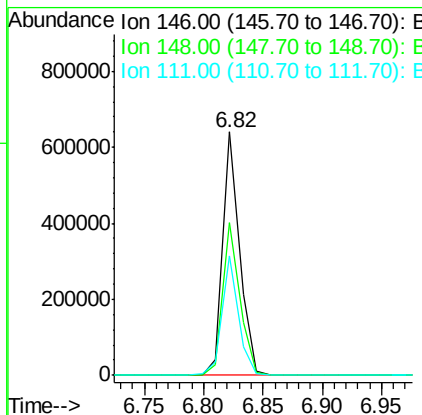
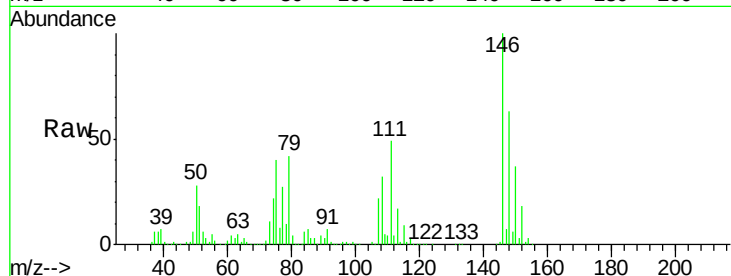
ClientSampleId :

MW-14A-111815MS

Tot Ion:	146	Resp:	623466
Ion Ratio	Lower	Upper	
146	100		
148	62.9	51.8	77.6
111	49.3	36.2	54.4

Manual Integrations
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Mmdadoda
11/23/2015 7:01:50 PM



#15

Benzyl Alcohol

Concen: 25.68 ng

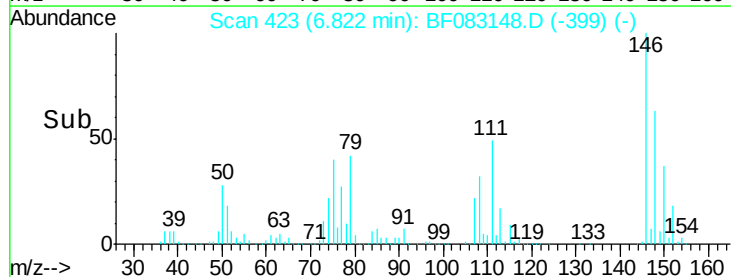
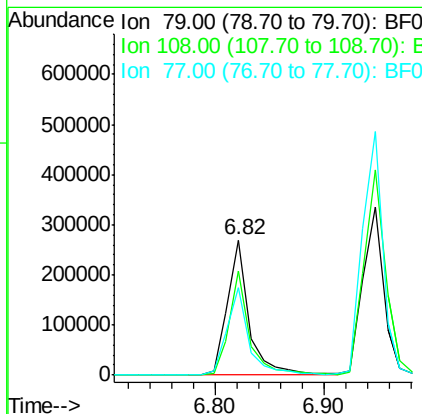
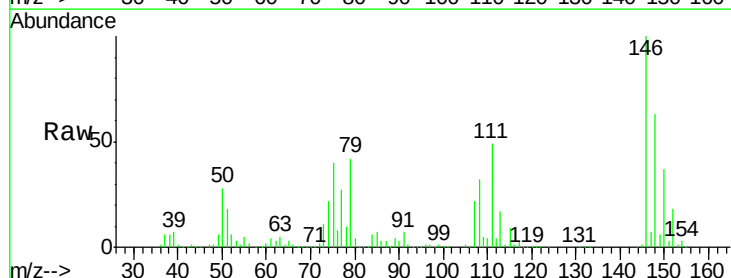
RT: 6.82 min Scan# 423

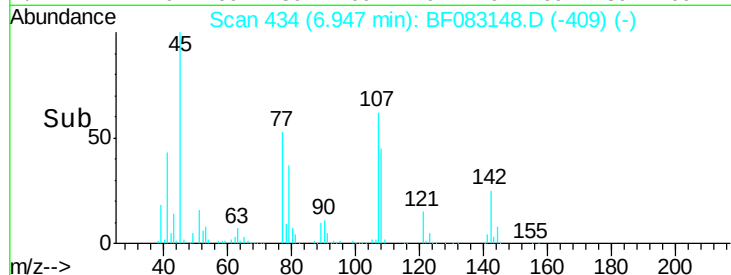
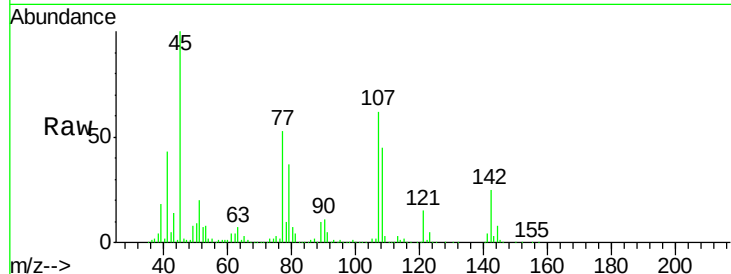
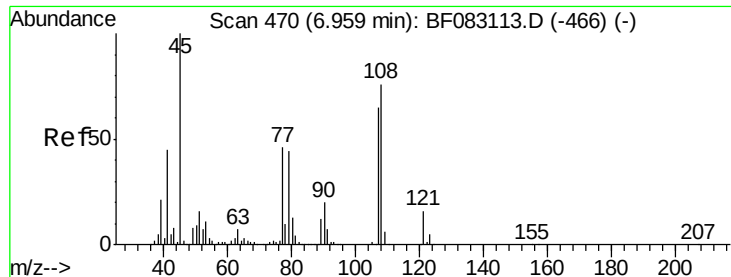
Delta R.T. -0.02 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Tgt Ion:	79	Resp:	378949
Ion Ratio	Lower	Upper	
79	100		
108	76.8	61.4	92.2
77	64.2	50.5	75.7





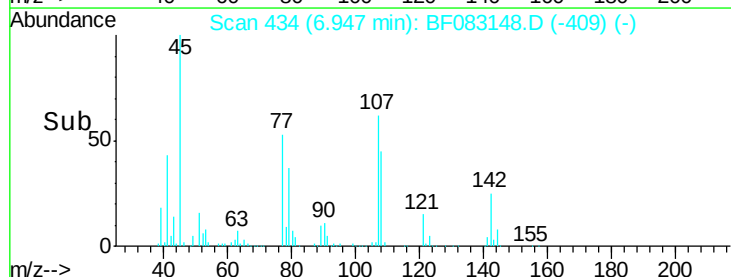
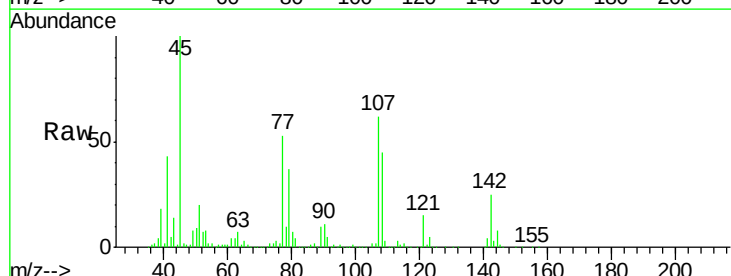
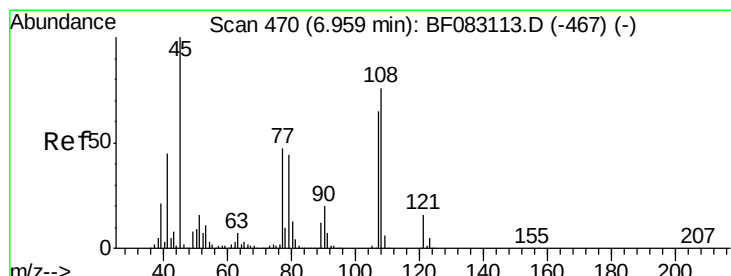
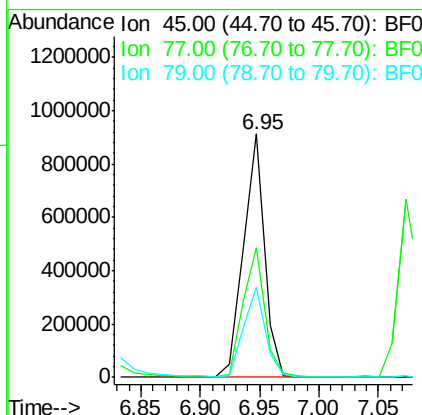
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 47.90 ng
RT: 6.95 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Instrument :
BNA_F
ClientSampleId :
MW-14A-111815MS

Tot Ion: 45 Resp: 1139274
Ion Ratio Lower Upper
45 100
77 53.2 26.7 66.7
79 36.9 24.3 64.3

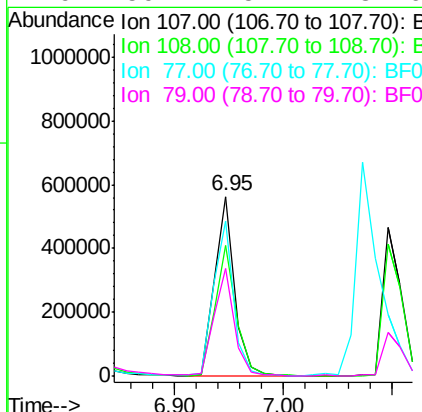
Manual Integrations
APPROVED

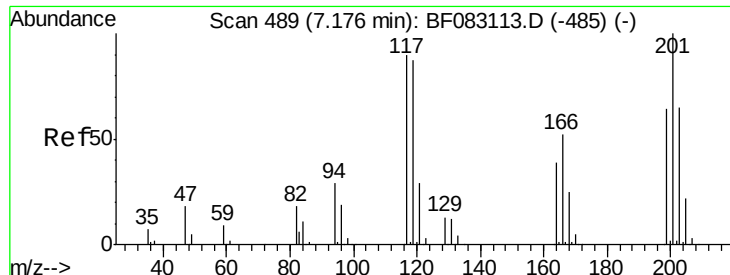
Mmdadoda
11/23/2015 7:01:50 PM



#17
2-Methylphenol
Concen: 59.32 ng
RT: 6.95 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Tgt Ion: 107 Resp: 723677
Ion Ratio Lower Upper
107 100
108 72.6 93.8 140.6#
77 86.2 57.4 86.0#
79 59.7 54.4 81.6





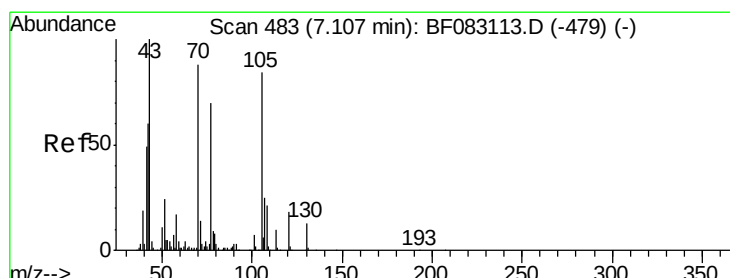
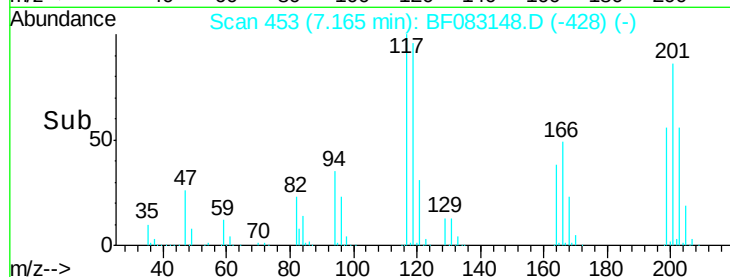
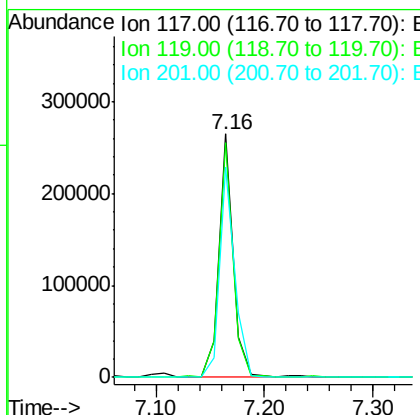
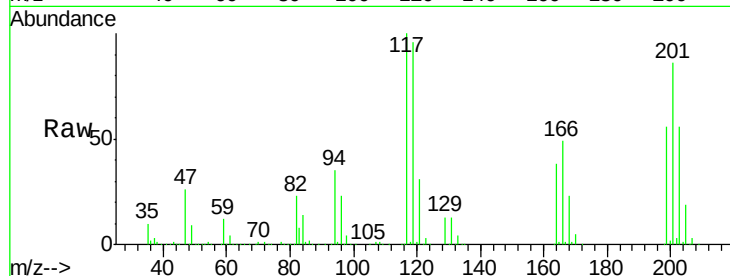
#18
Hexachloroethane
Concen: 40.82 ng
RT: 7.16 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Instrument :
BNA_F
ClientSampleId :
MW-14A-111815MS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	244826		
119	96.4	76.8	115.2	
201	86.3	88.6	133.0#	

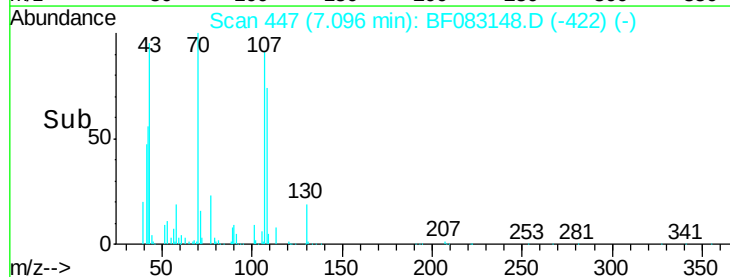
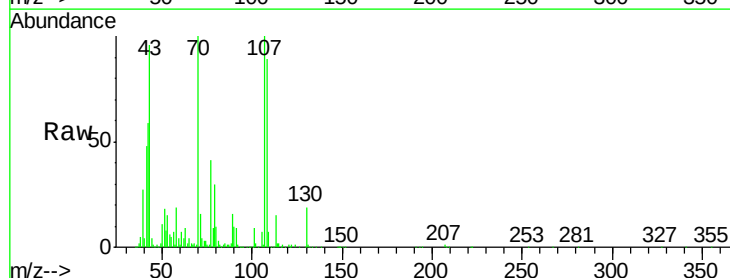
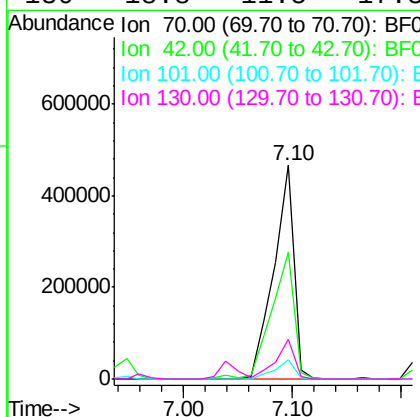
Manual Integrations
APPROVED

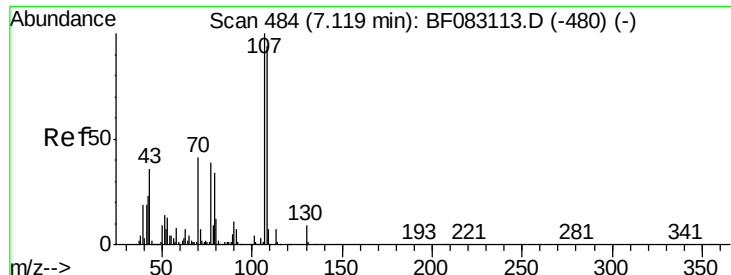
Mmdadoda
11/23/2015 7:01:50 PM



#19
n-Nitroso-di-n-propylamine
Concen: 49.12 ng
RT: 7.10 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	603595		
42	59.5	54.5	81.7	
101	9.1	6.6	9.8	
130	18.8	11.5	17.3#	





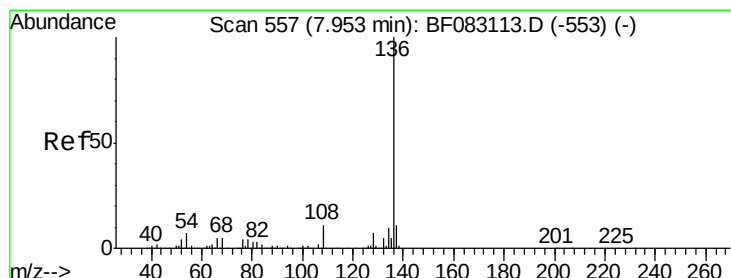
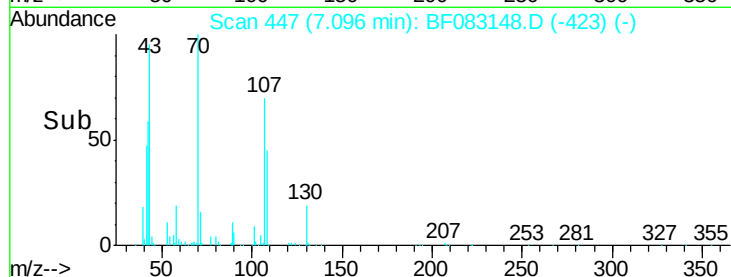
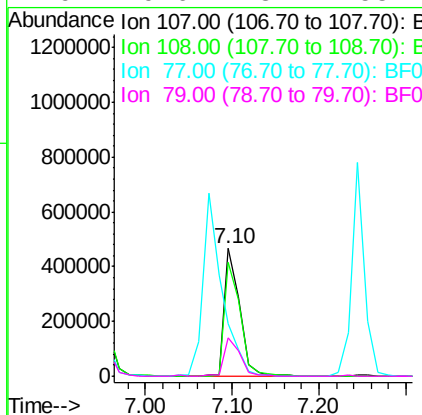
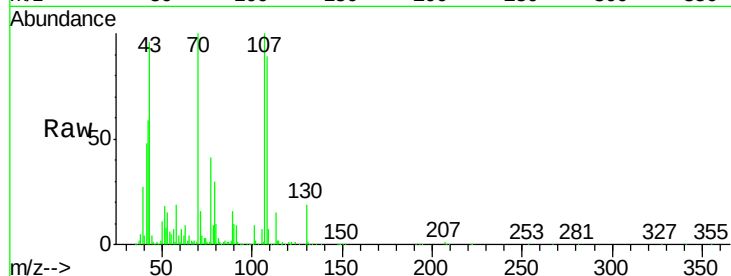
#20
3+4-Methylphenols
Concen: 37.15 ng
RT: 7.10 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Instrument :
BNA_F
ClientSampleId :
MW-14A-111815MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	572873		
108	108	88.8		73.8	113.8
77	77	41.0		19.1	59.1
79	79	29.6		13.7	53.7

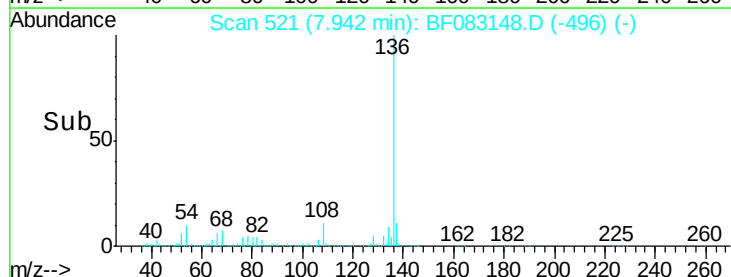
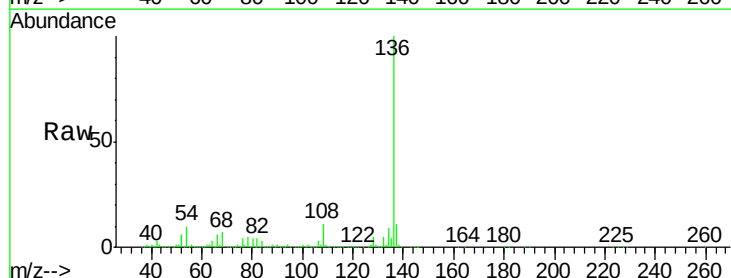
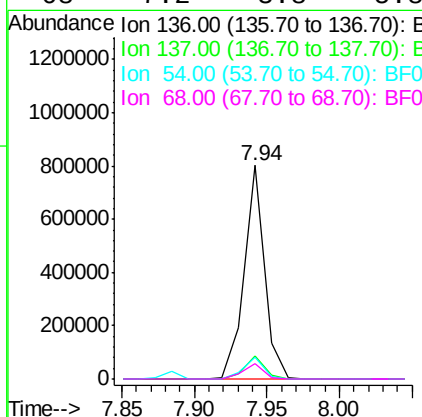
Manual Integrations
APPROVED

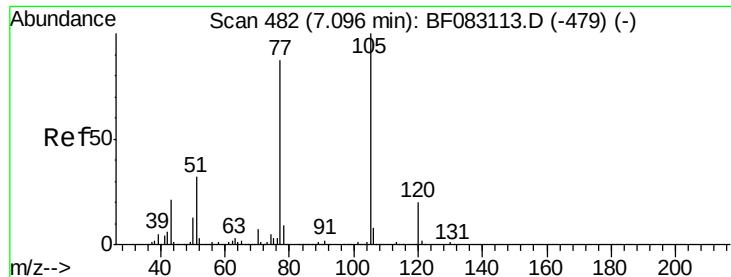
Mmdadoda
11/23/2015 7:01:50 PM



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	136	100	786538		
137	137	11.1		8.7	13.1
54	54	10.2		5.8	8.6#
68	68	7.2		3.8	5.8#





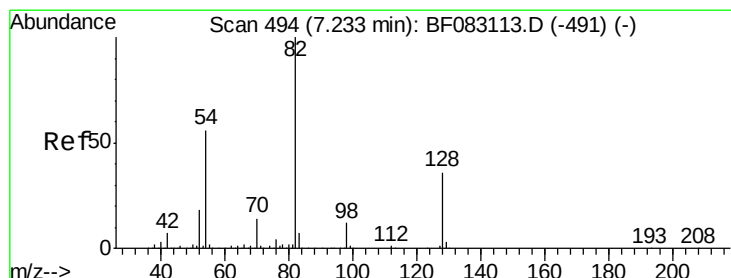
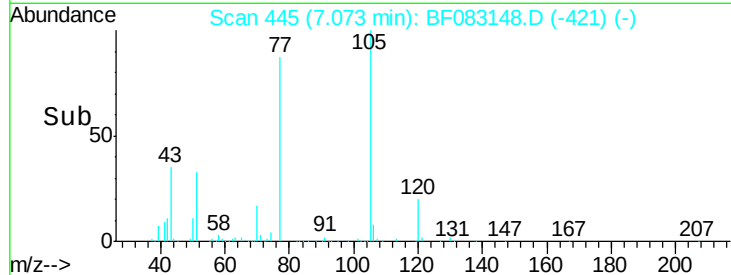
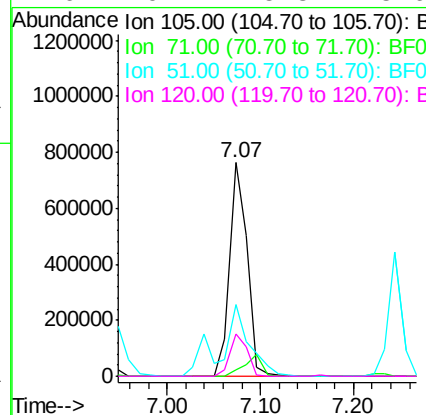
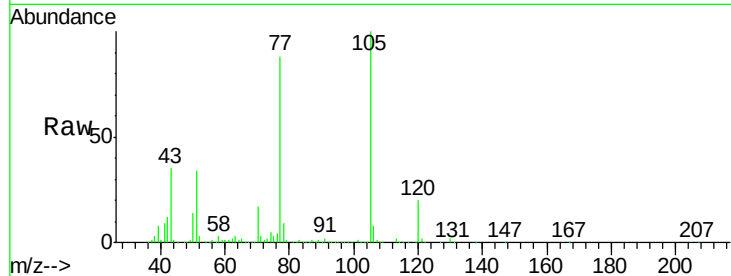
#22
Acetophenone
Concen: 44.09 ng
RT: 7.07 min Scan# 445
Delta R.T. -0.02 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Instrument :
BNA_F
ClientSampleId :
MW-14A-111815MS

Tot Ion:	105	Resp:	995489
Ion Ratio	Lower	Upper	
105	100		
71	2.8	1.0	1.4#
51	33.5	25.6	38.4
120	19.7	15.8	23.6

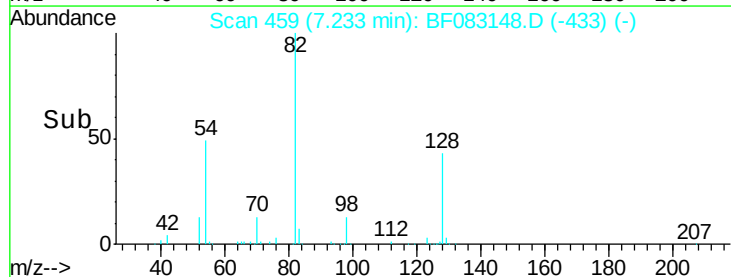
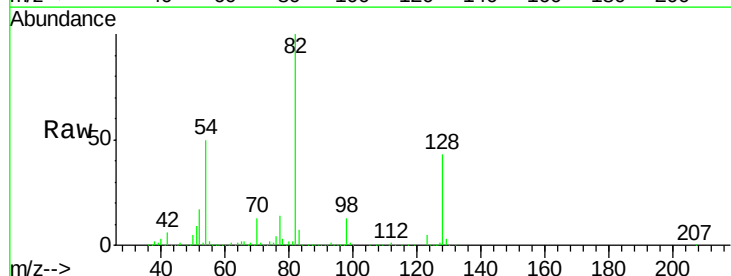
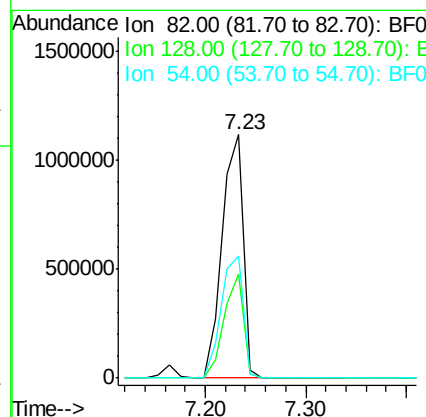
Manual Integrations
APPROVED

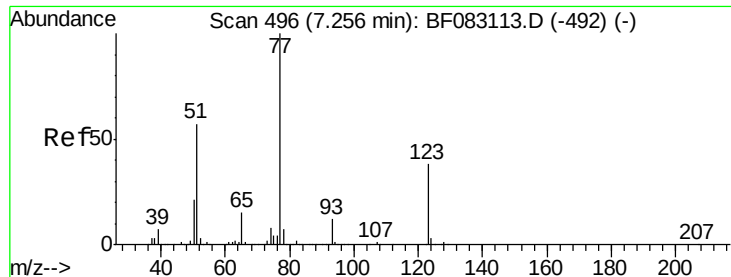
Mmdadoda
11/23/2015 7:01:50 PM



#23
Nitrobenzene-d5
Concen: 94.38 ng
RT: 7.23 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Tgt Ion:	82	Resp:	1624552
Ion Ratio	Lower	Upper	
82	100		
128	42.7	28.5	42.7#
54	50.3	44.6	67.0





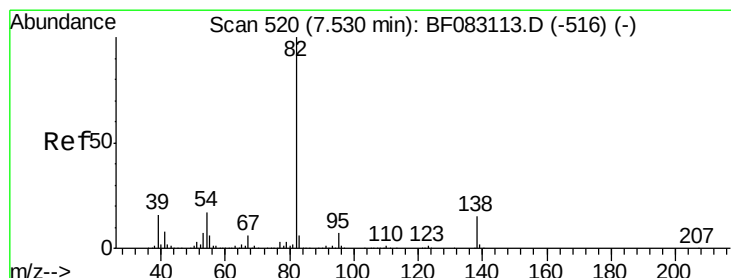
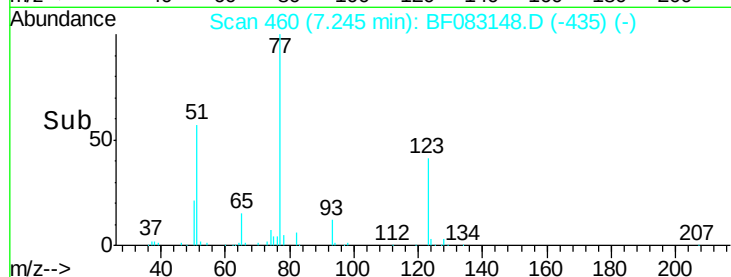
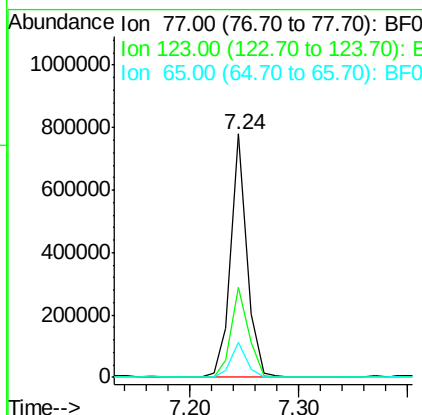
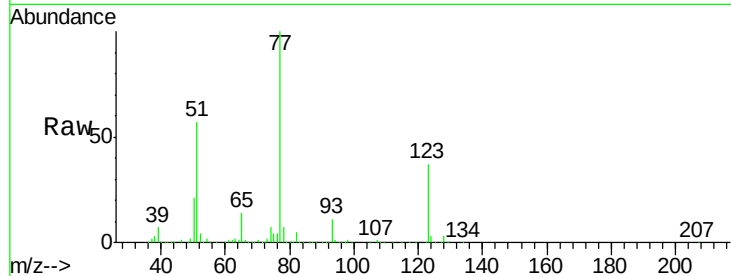
#24
Nitrobenzene
Concen: 43.44 ng
RT: 7.24 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Instrument :
BNA_F
ClientSampleId :
MW-14A-111815MS

Tot Ion	Ratio	Lower	Upper
77	100		
123	37.1	30.1	45.1
65	14.4	11.6	17.4

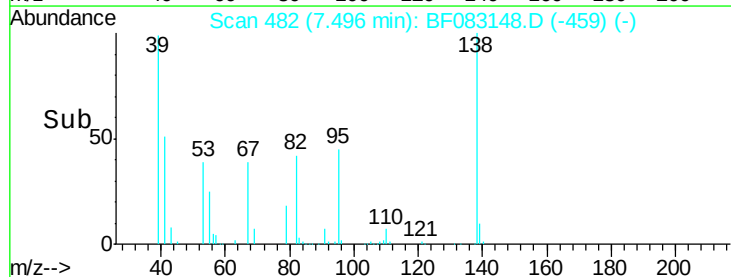
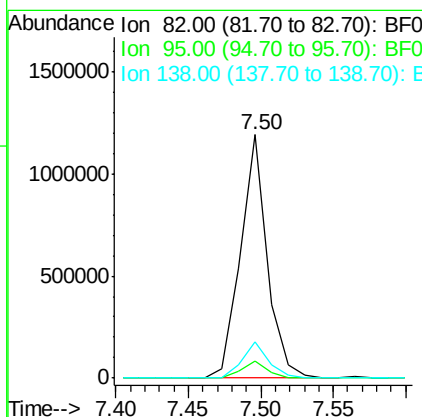
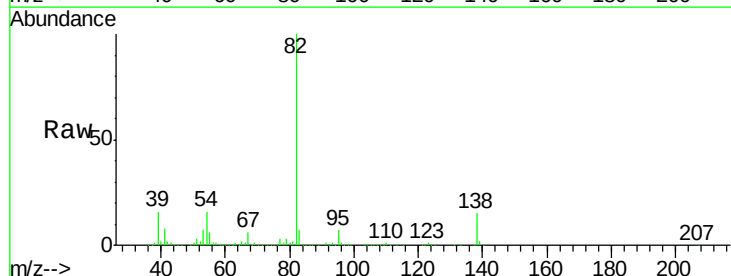
Manual Integrations
APPROVED

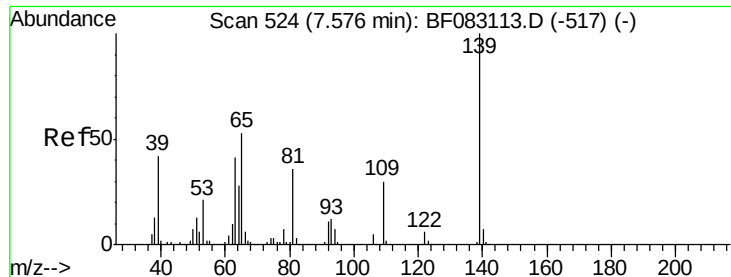
Mmdadoda
11/23/2015 7:01:50 PM



#25
Isophorone
Concen: 46.67 ng
RT: 7.50 min Scan# 482
Delta R.T. -0.03 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.8	8.8
138	15.1	11.6	17.4





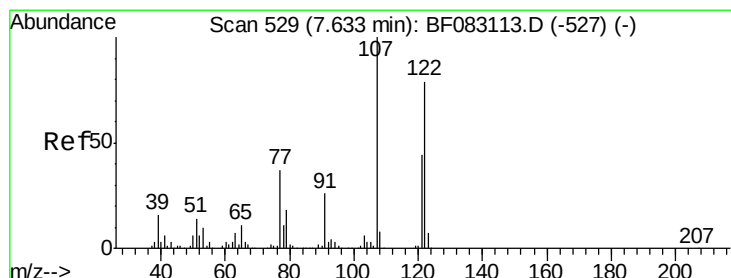
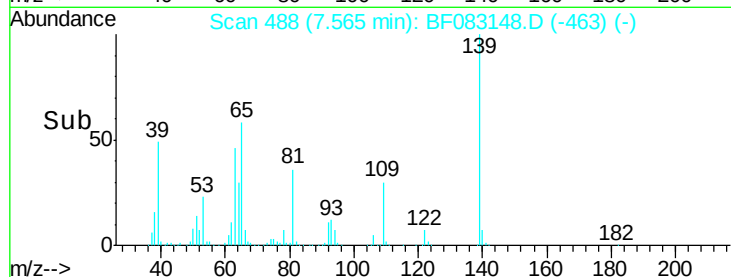
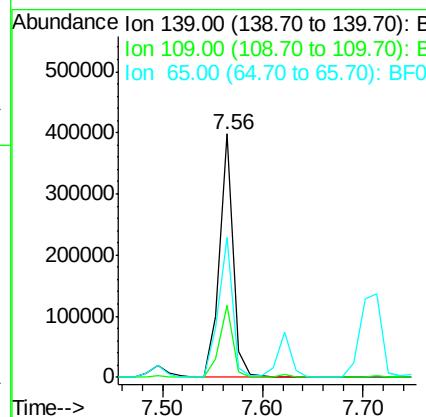
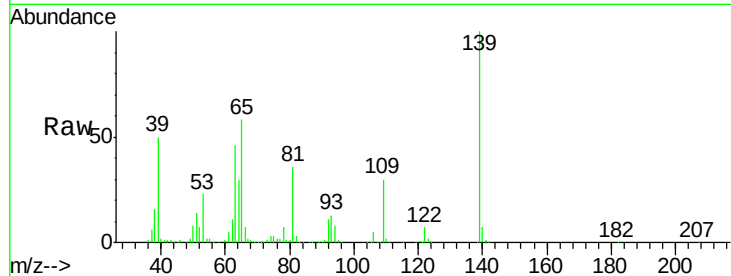
#26
2-Nitrophenol
Concen: 46.63 ng
RT: 7.56 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Instrument :
BNA_F
ClientSampleId :
MW-14A-111815MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	378605		
109	29.8	23.9	35.9	
65	57.7	42.7	64.1	

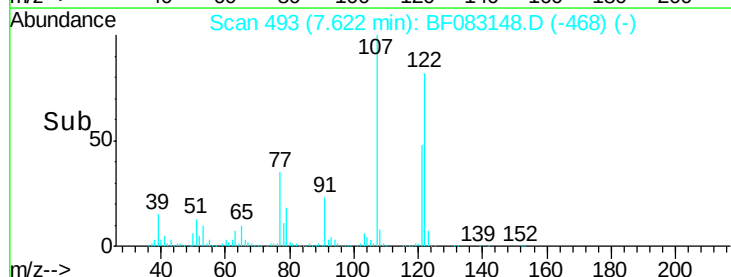
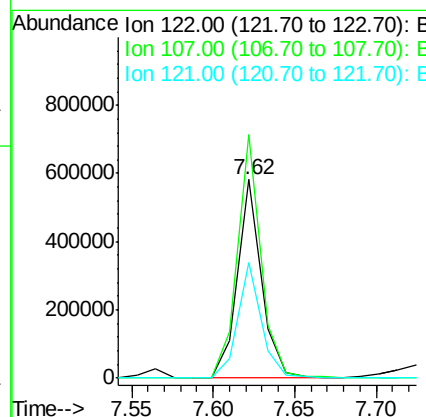
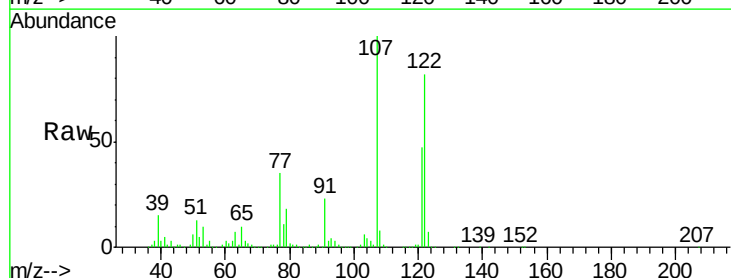
Manual Integrations
APPROVED

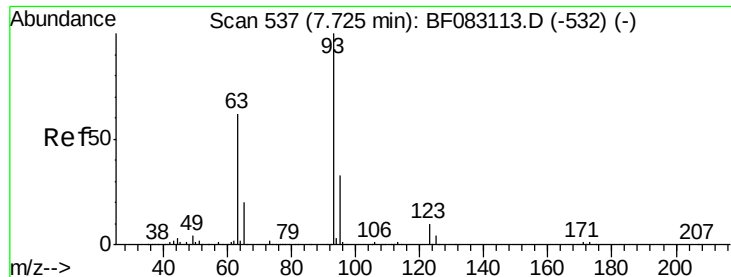
Mmdadoda
11/23/2015 7:01:50 PM



#27
2,4-Dimethylphenol
Concen: 45.57 ng
RT: 7.62 min Scan# 493
Delta R.T. -0.01 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	590536		
107	122.6	101.1	151.7	
121	58.2	44.9	67.3	





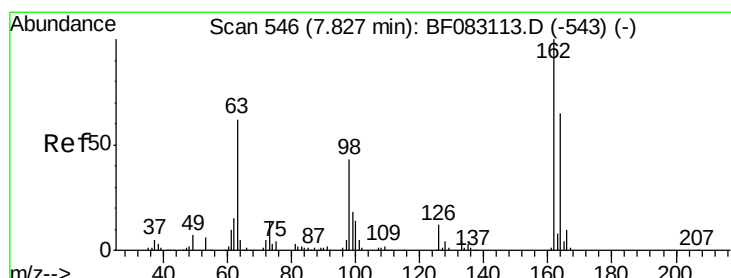
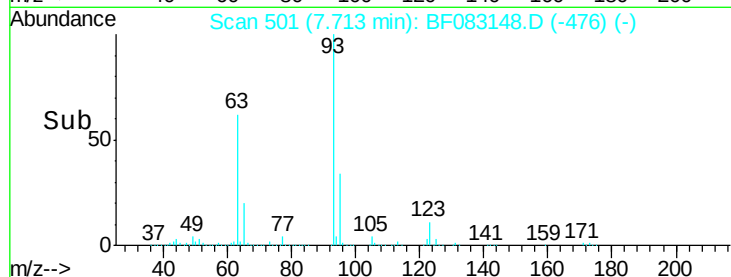
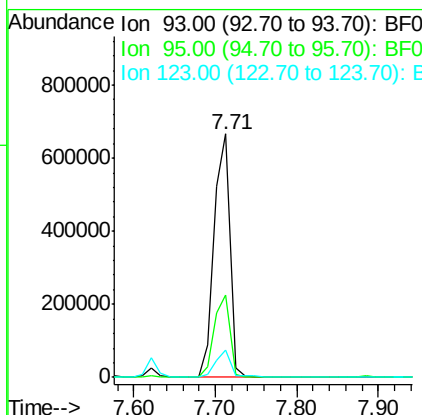
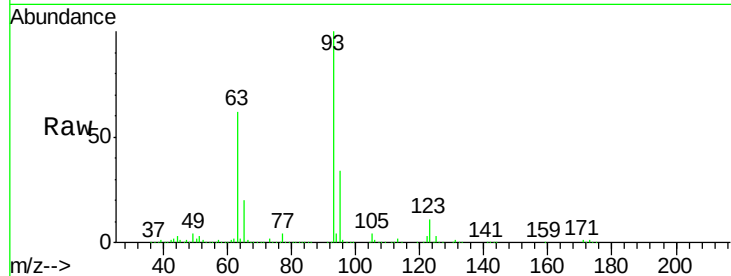
#28
bis(2-Chloroethoxy)methane
Concen: 47.71 ng
RT: 7.71 min Scan# 501
Delta R.T. -0.01 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Instrument :
BNA_F
ClientSampleId :
MW-14A-111815MS

Tot Ion:	93	Resp:	904035
Ion Ratio	Lower	Upper	
93	100		
95	33.8	26.5	39.7
123	11.4	8.1	12.1

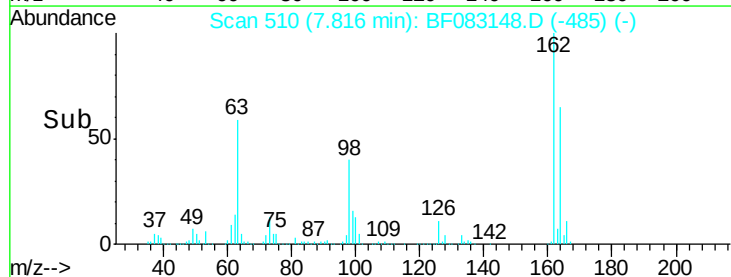
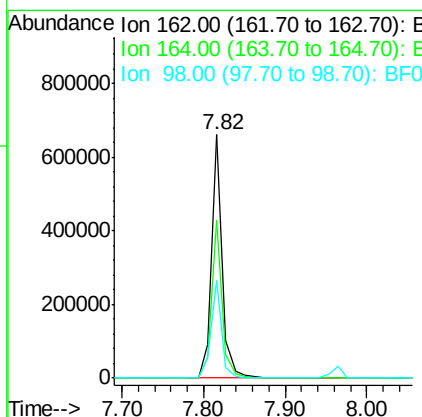
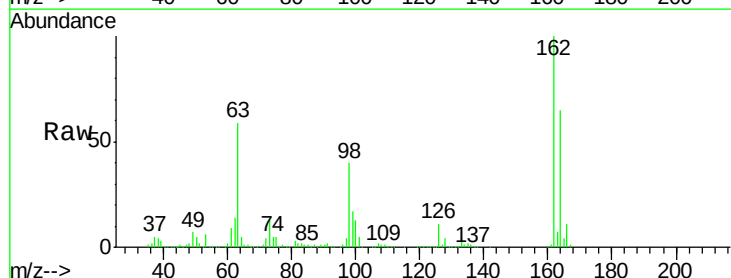
Manual Integrations
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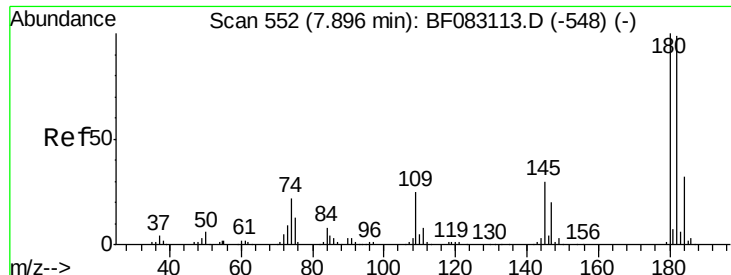
Mmdadoda
11/23/2015 7:01:50 PM



#29
2,4-Dichlorophenol
Concen: 49.37 ng
RT: 7.82 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Tgt Ion:	162	Resp:	608463
Ion Ratio	Lower	Upper	
162	100		
164	65.1	44.8	84.8
98	40.2	23.1	63.1





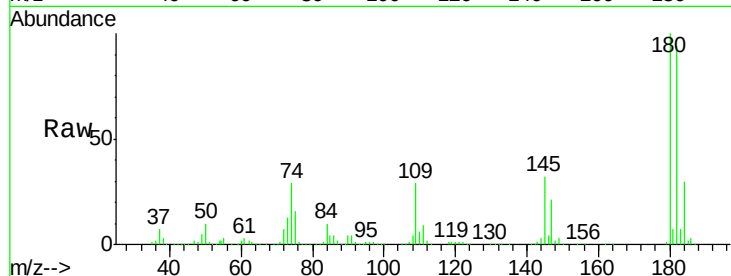
#30
1,2,4-Trichlorobenzene
Concen: 42.78 ng
RT: 7.88 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Instrument :
BNA_F
ClientSampleId :
MW-14A-111815MS

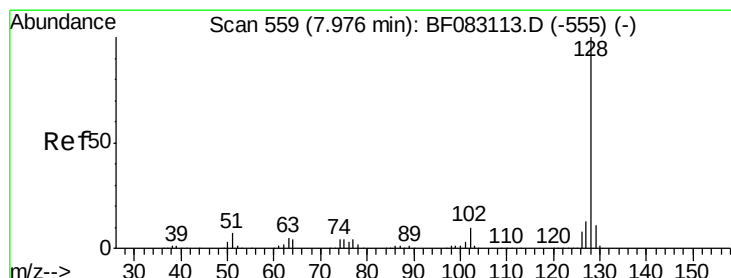
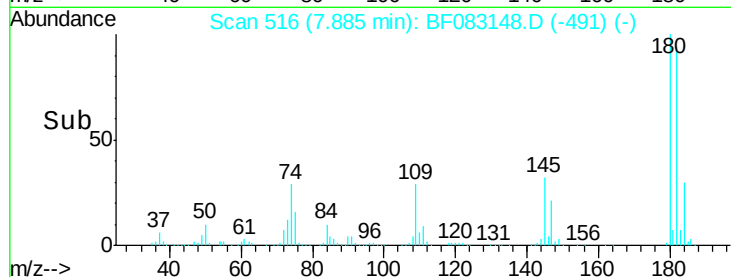
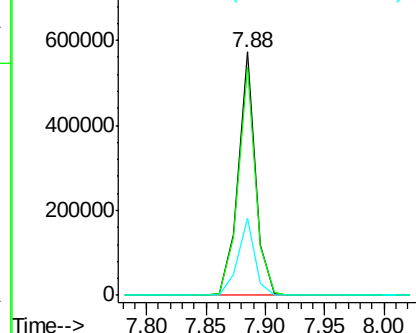
Tot Ion	Ratio	Resp	Lower	Upper
180	100	579219		
182	93.8	79.0	118.6	
145	31.9	24.2	36.2	

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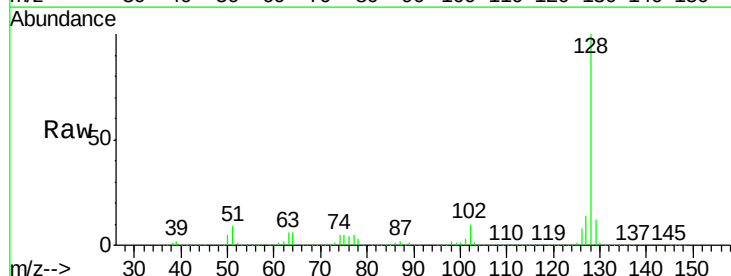


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

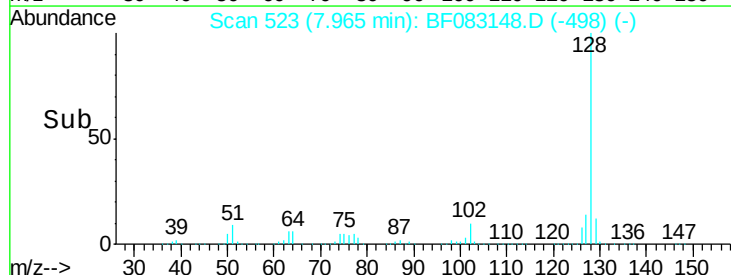
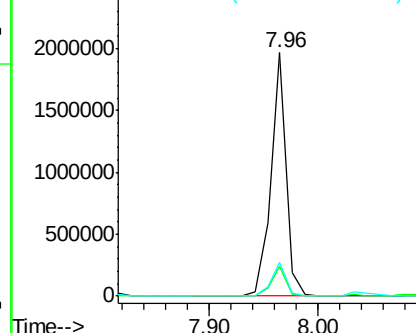


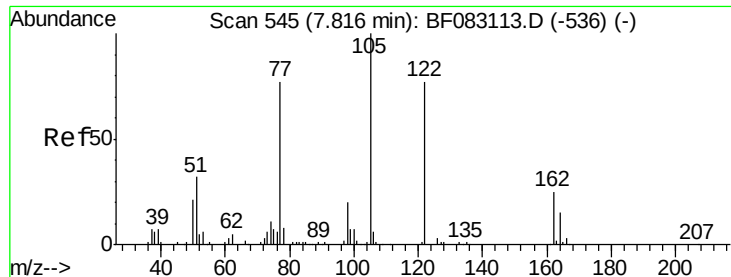
#31
Naphthalene
Concen: 45.30 ng
RT: 7.96 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	1922894		
129	12.1	9.0	13.4	
127	14.0	10.6	15.8	



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: 14.08 ng

RT: 7.75 min Scan# 504

Delta R.T. -0.07 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Instrument :

BNA_F

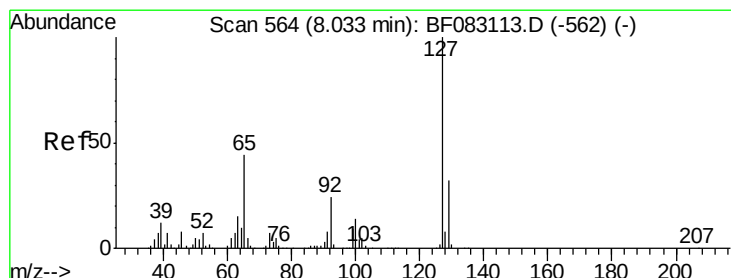
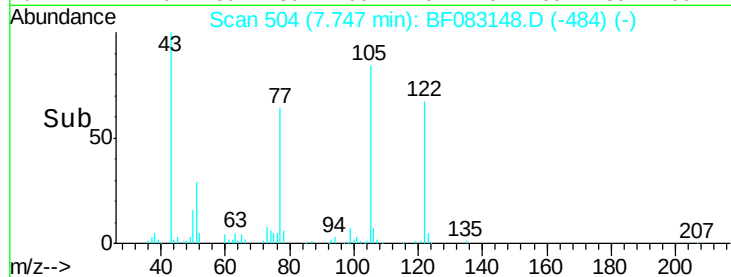
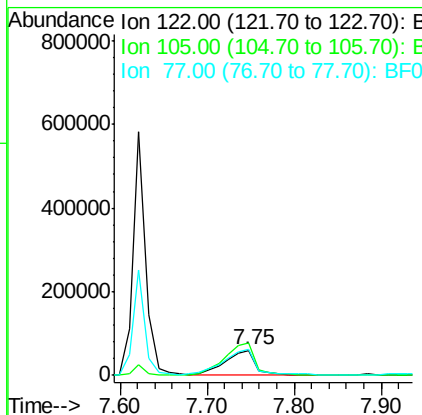
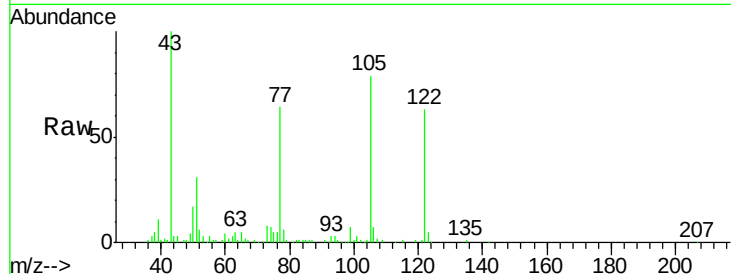
ClientSampleId :

MW-14A-111815MS

Tot Ion:	122	Resp:	141794
Ion Ratio	Lower	Upper	
122	100		
105	126.2	109.7	149.7
77	101.3	79.7	119.7

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#33

4-Chloroaniline

Concen: 4.20 ng

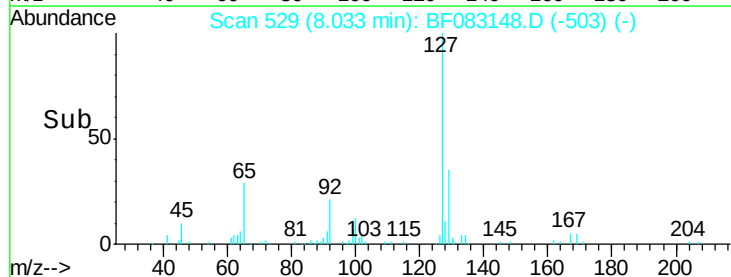
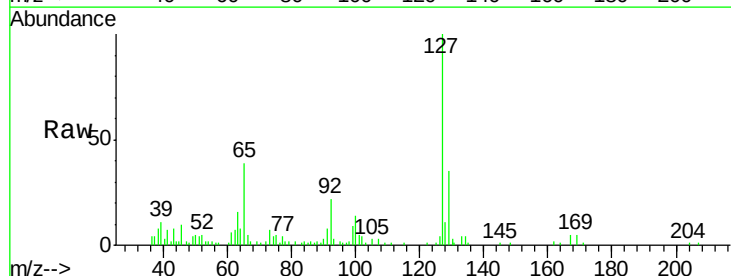
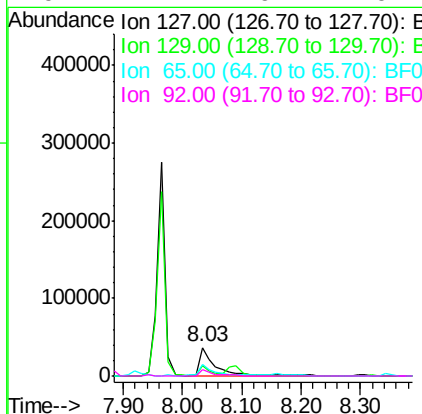
RT: 8.03 min Scan# 529

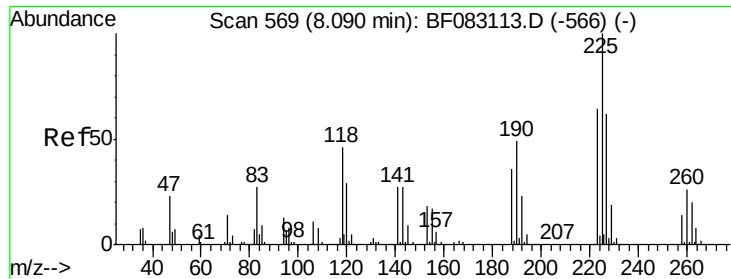
Delta R.T. 0.00 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Tgt Ion:	127	Resp:	69113
Ion Ratio	Lower	Upper	
127	100		
129	34.6	25.7	38.5
65	38.8	35.5	53.3
92	22.2	19.4	29.2





#34

Hexachlorobutadiene

Concen: 43.09 ng

RT: 8.09 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Instrument :

BNA_F

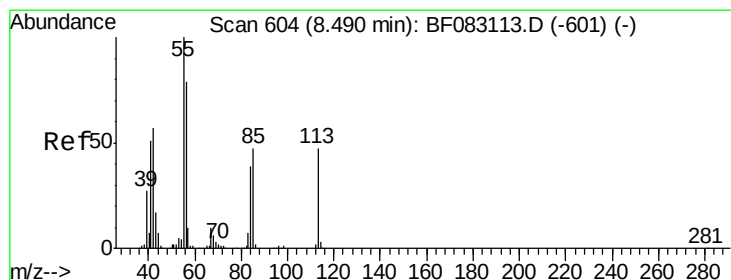
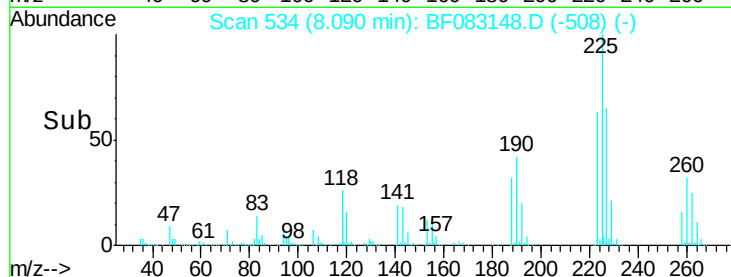
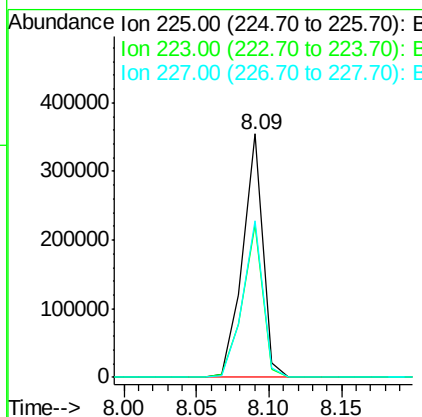
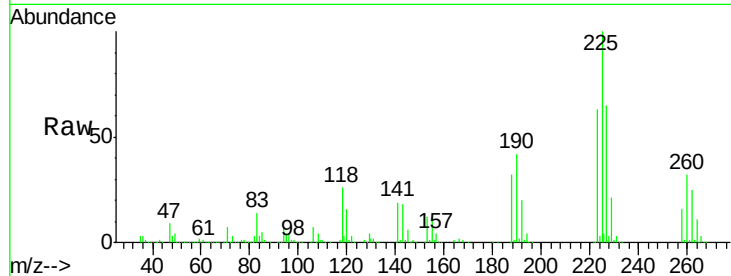
ClientSampleId :

MW-14A-111815MS

Tot Ion:	225	Resp:	344721
Ion Ratio		Lower	Upper
225	100		
223	62.8	51.3	76.9
227	64.6	49.8	74.8

Manual Integrations
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#35

Caprolactam

Concen: 6.01 ng m

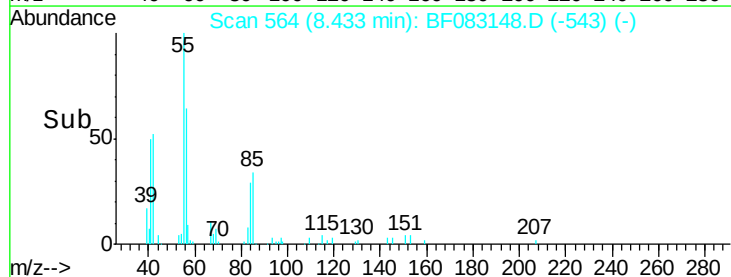
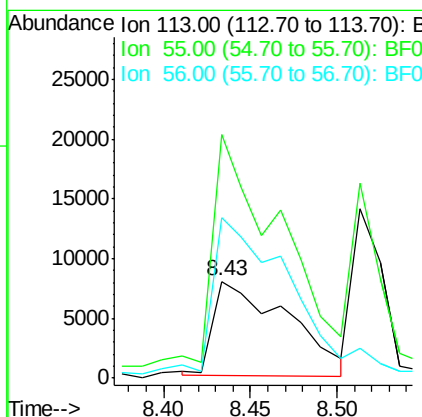
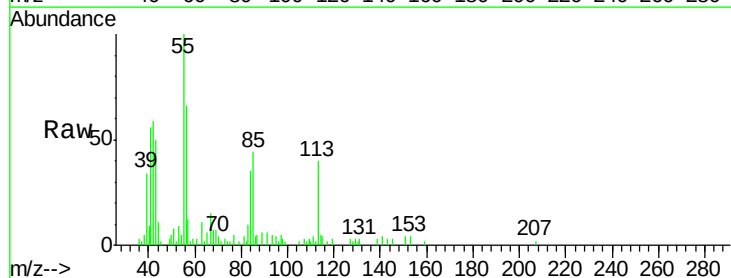
RT: 8.43 min Scan# 564

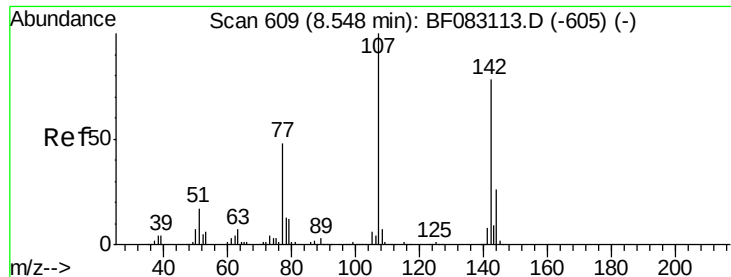
Delta R.T. -0.06 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Tgt Ion:	113	Resp:	23732
Ion Ratio		Lower	Upper
113	100		
55	252.2	192.6	232.6#
56	166.1	148.6	188.6





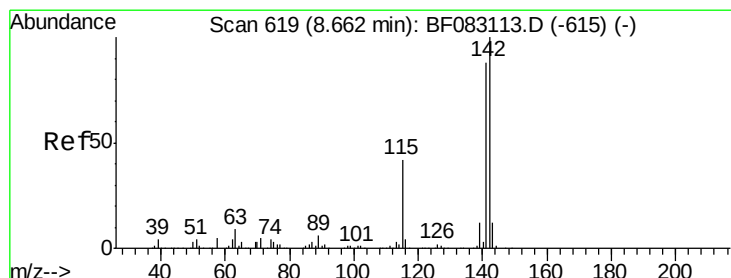
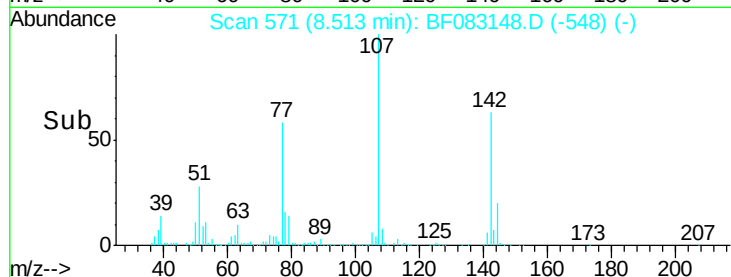
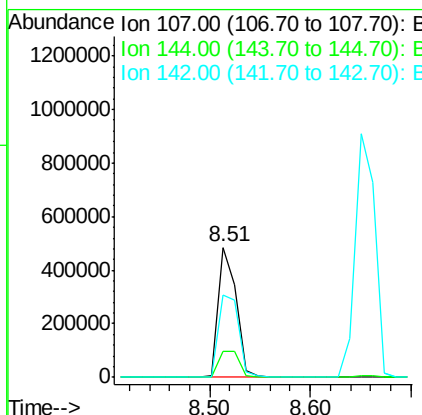
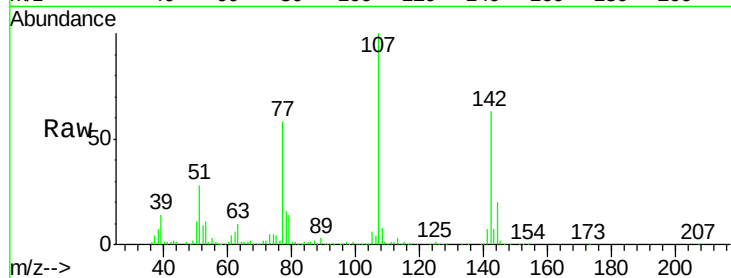
#36
4-Chloro-3-methylphenol
Concen: 42.53 ng
RT: 8.51 min Scan# 571
Delta R.T. -0.03 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Instrument :
BNA_F
ClientSampleId :
MW-14A-111815MS

Tot Ion	Ratio	Lower	Upper
107	100		
144	19.9	20.8	31.2#
142	63.5	62.1	93.1

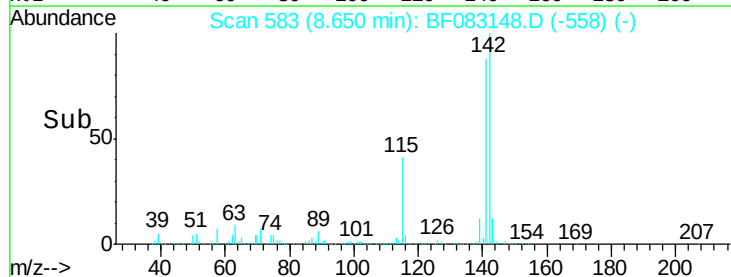
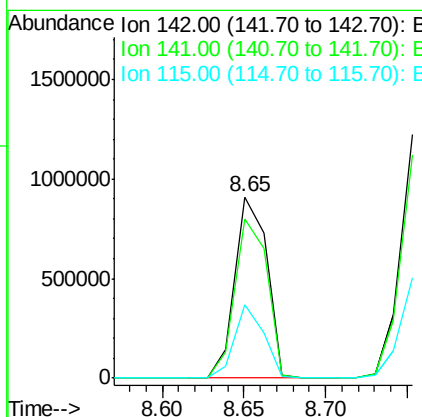
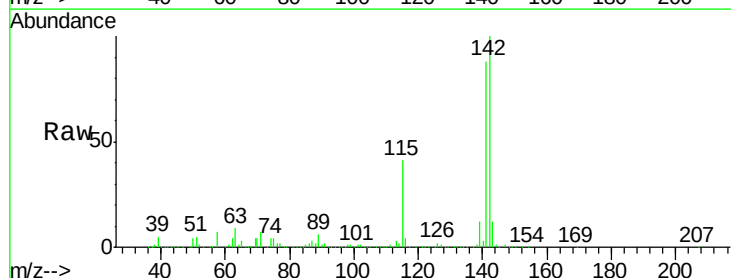
Manual Integrations
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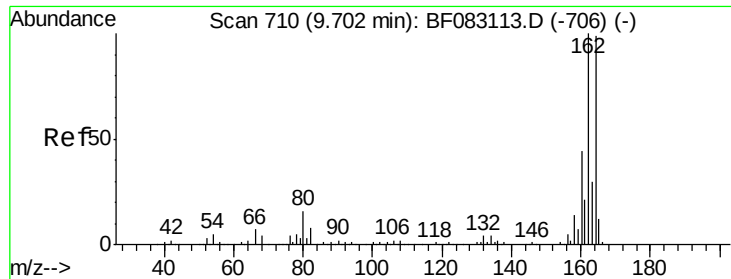
Mmdadoda
11/23/2015 7:01:50 PM



#37
2-Methylnaphthalene
Concen: 44.80 ng
RT: 8.65 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.3	105.5
115	40.7	33.4	50.2





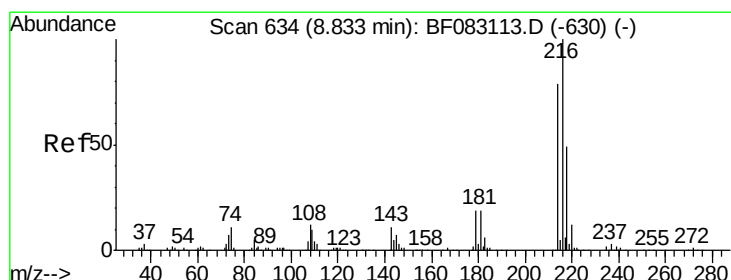
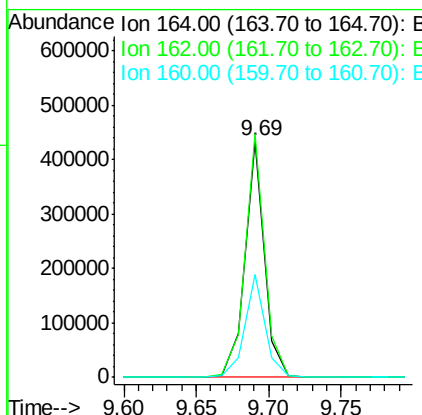
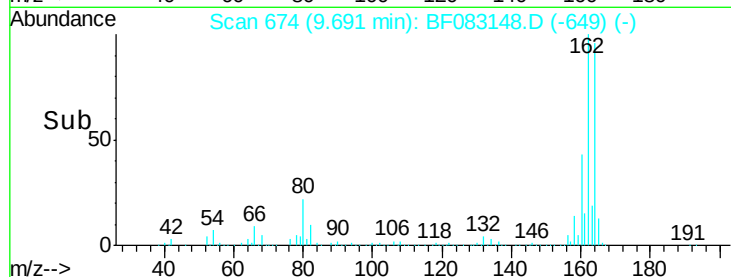
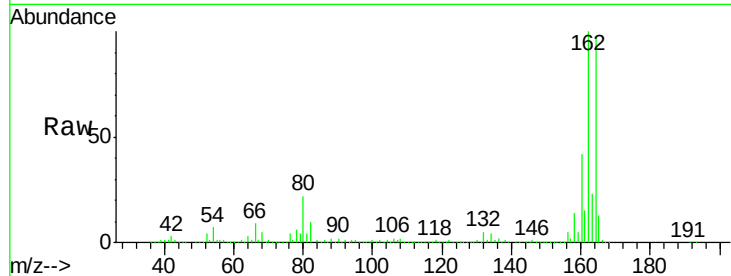
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Instrument :
BNA_F
ClientSampleId :
MW-14A-111815MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.2	81.2	121.8	
160	43.8	35.6	53.4	

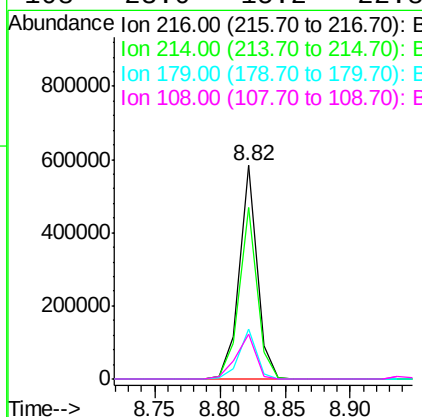
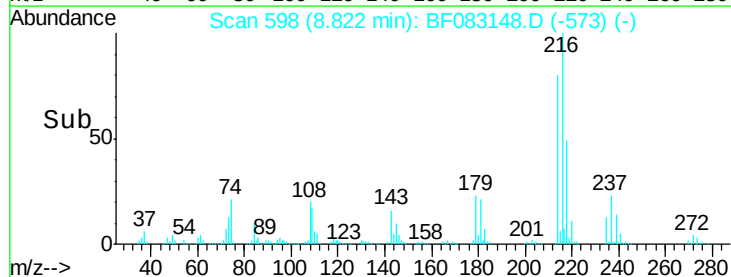
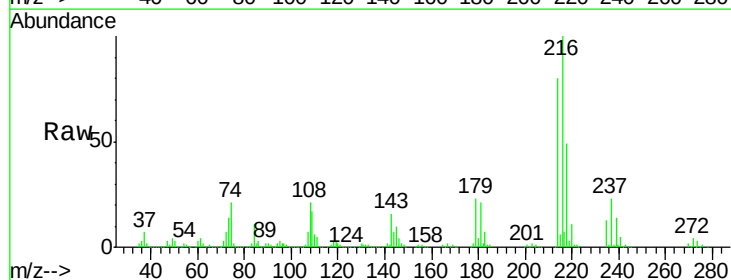
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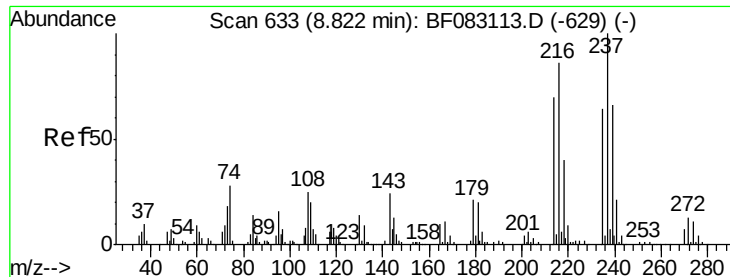
Mmdadoda
11/23/2015 7:01:50 PM



#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.04 ng
RT: 8.82 min Scan# 598
Delta R.T. -0.01 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.7	63.8	95.8	
179	22.7	17.0	25.6	
108	23.0	15.2	22.8#	





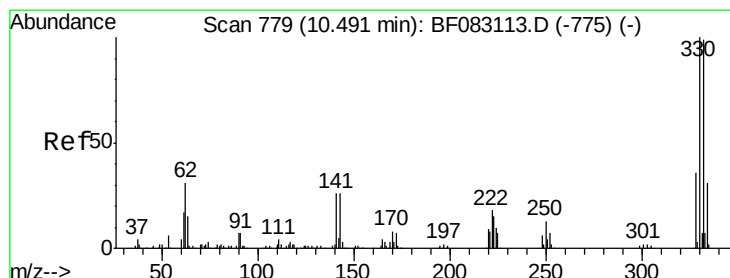
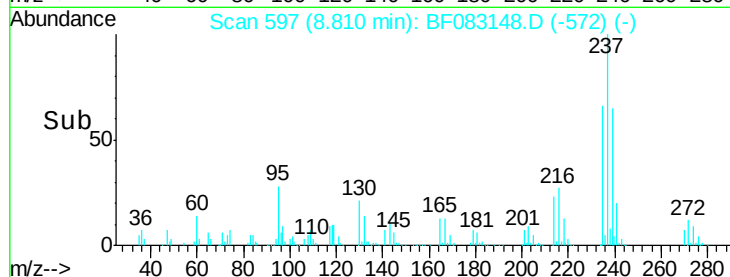
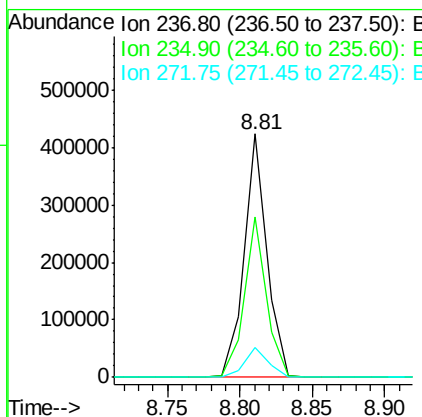
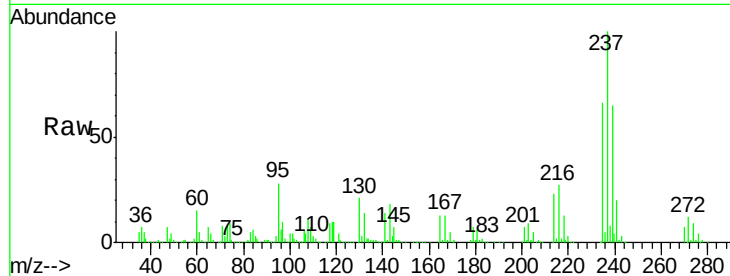
#40
Hexachlorocyclopentadiene
Concen: 61.54 ng
RT: 8.81 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Instrument :
BNA_F
ClientSampleId :
MW-14A-111815MS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	458642		
235	65.8	43.5	83.5	
272	12.2	0.0	33.1	

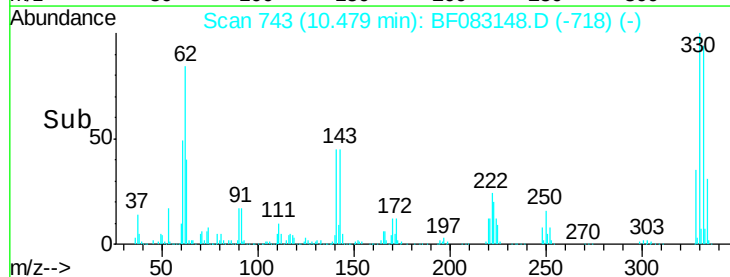
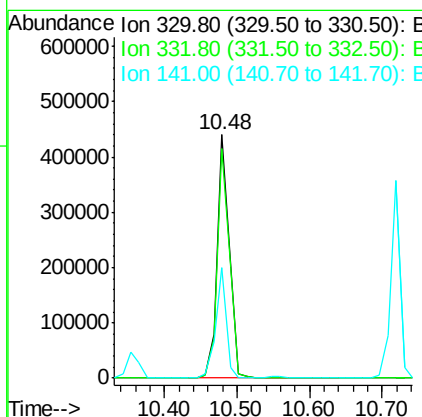
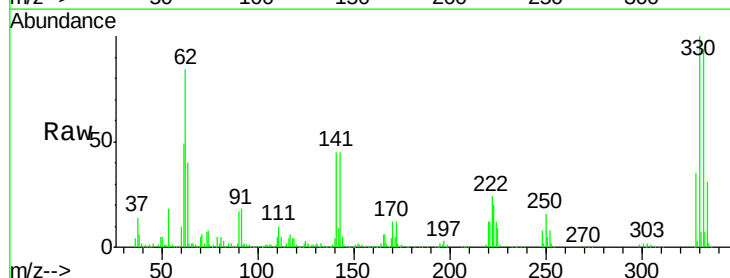
Manual Integrations
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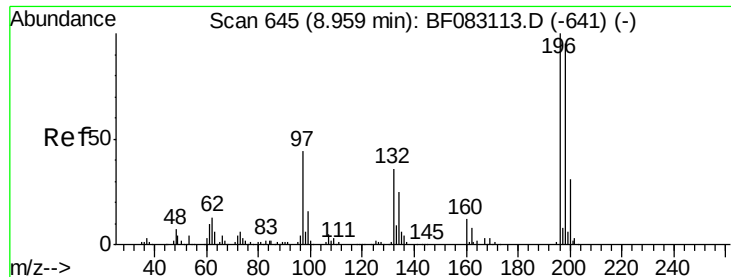
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11/23/2015 7:01:50 PM



#41
2,4,6-Tribromophenol
Concen: 123.66 ng
RT: 10.48 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	511556		
332	95.0	77.7	116.5	
141	39.3	29.7	44.5	





#42

2,4,6-Trichlorophenol

Concen: 44.24 ng

RT: 8.95 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Instrument :

BNA_F

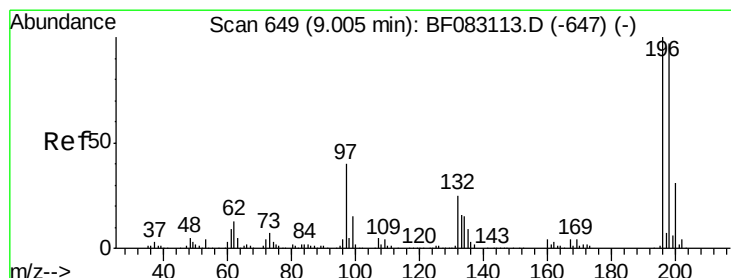
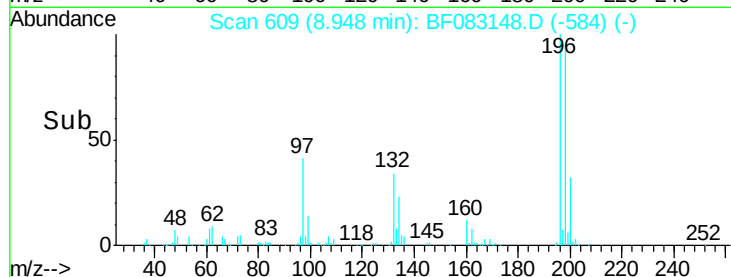
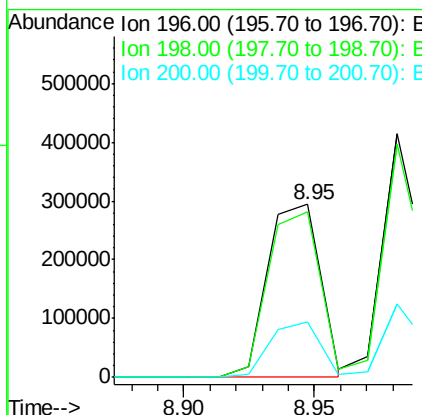
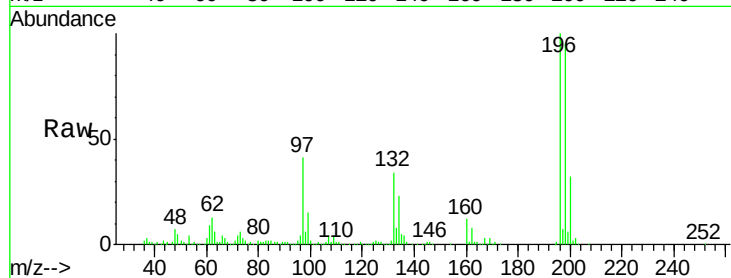
ClientSampleId :

MW-14A-111815MS

Tot Ion:	196	Resp:	415240
Ion Ratio	Lower	Upper	
196	100		
198	95.4	75.9	113.9
200	31.7	24.5	36.7

Manual Integrations
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11/23/2015 7:01:50 PM



#43

2,4,5-Trichlorophenol

Concen: 46.64 ng

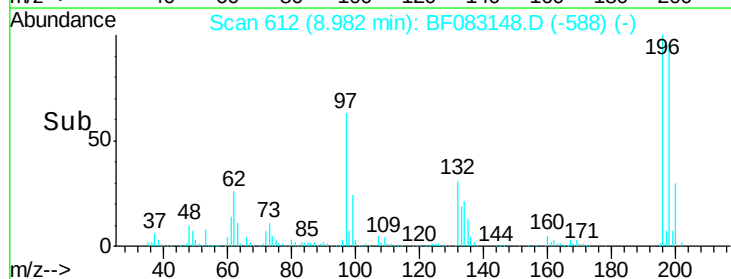
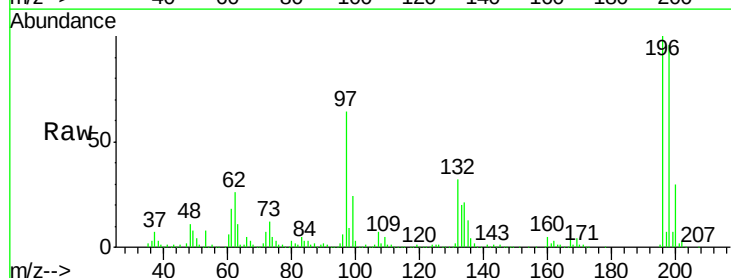
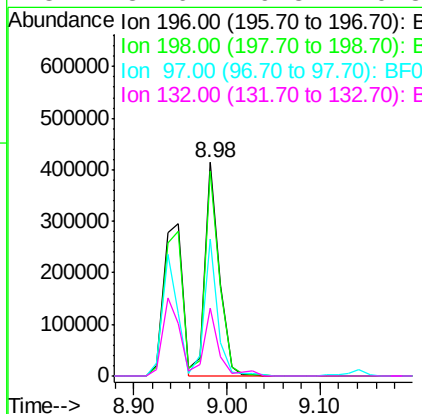
RT: 8.98 min Scan# 612

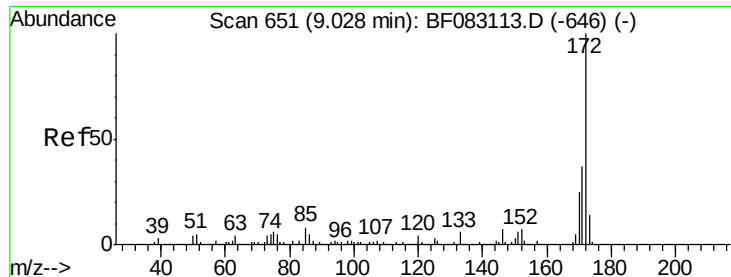
Delta R.T. -0.02 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Tgt Ion:	196	Resp:	447650
Ion Ratio	Lower	Upper	
196	100		
198	95.7	77.6	116.4
97	64.4	32.6	48.8#
132	31.6	19.8	29.8#





#44

2-Fluorobiphenyl

Concen: 86.48 ng

RT: 9.03 min Scan# 616

Delta R.T. 0.00 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Instrument :

BNA_F

ClientSampleId :

MW-14A-111815MS

Tot Ion:172 Resp: 2507733

Ion Ratio Lower Upper

172 100

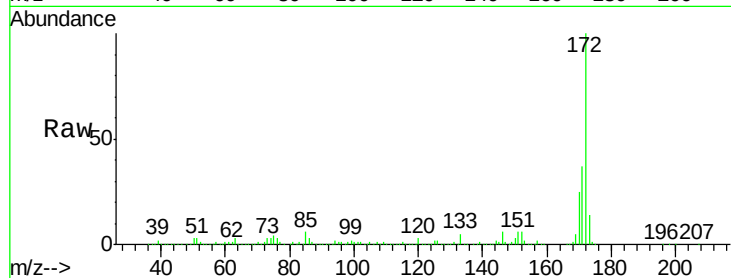
171 37.4 29.5 44.3

170 25.2 19.9 29.9

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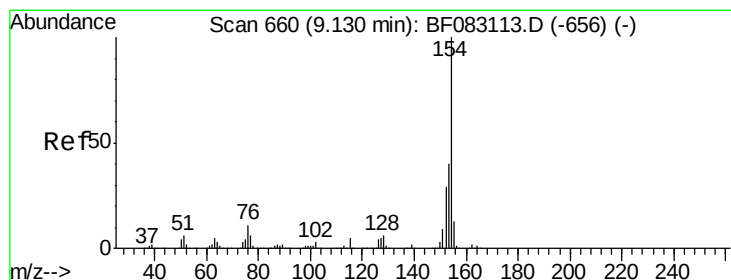
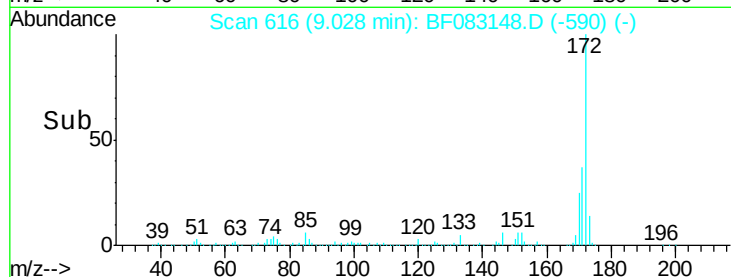
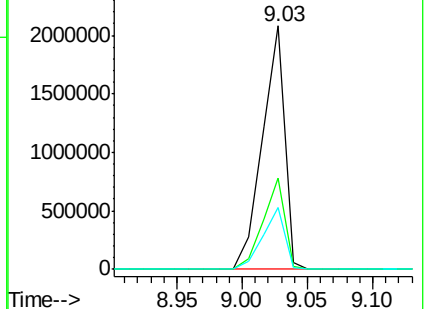
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Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 40.88 ng

RT: 9.12 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

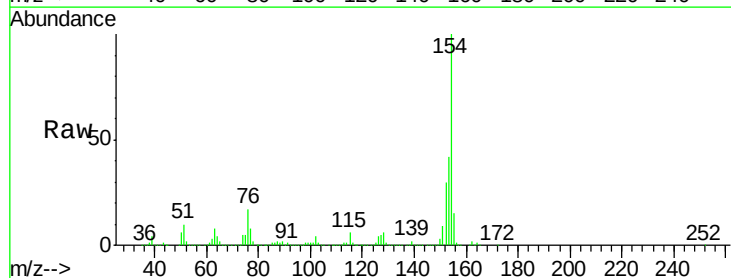
Tgt Ion:154 Resp: 1407020

Ion Ratio Lower Upper

154 100

153 41.5 20.5 60.5

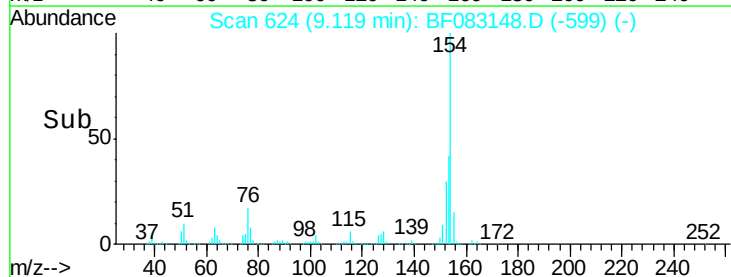
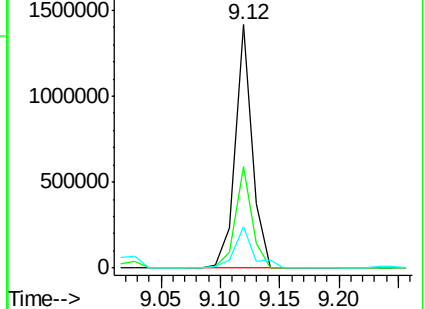
76 17.0 0.0 31.2

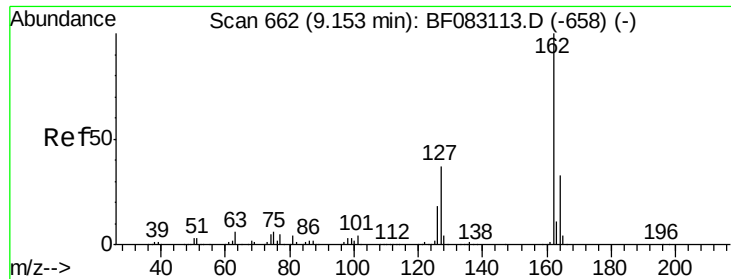


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





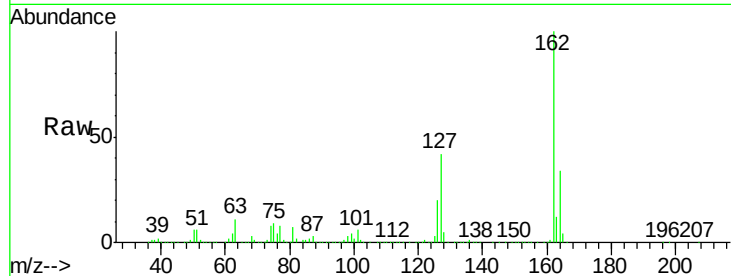
#46
2-Chloronaphthalene
Concen: 44.25 ng
RT: 9.14 min Scan# 626
Delta R.T. -0.01 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Instrument :
BNA_F
ClientSampleId :
MW-14A-111815MS

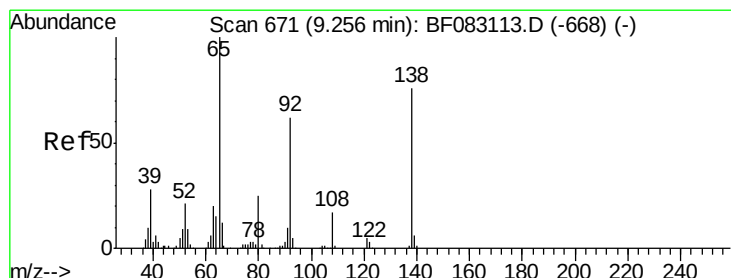
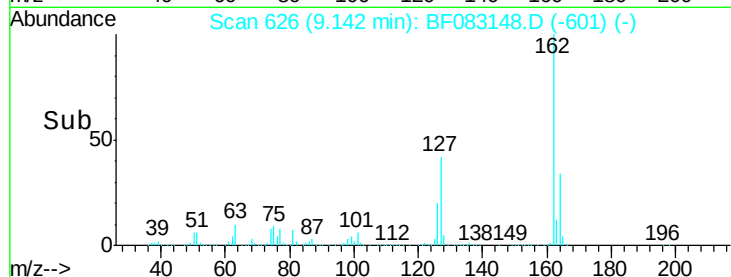
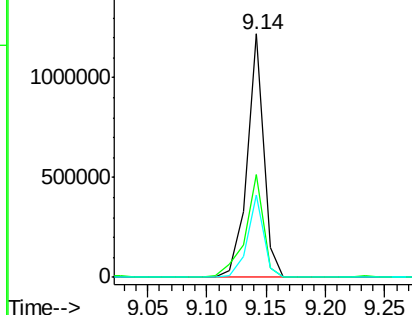
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.2	29.4	44.2
164	33.6	26.2	39.4

Manual Integrations
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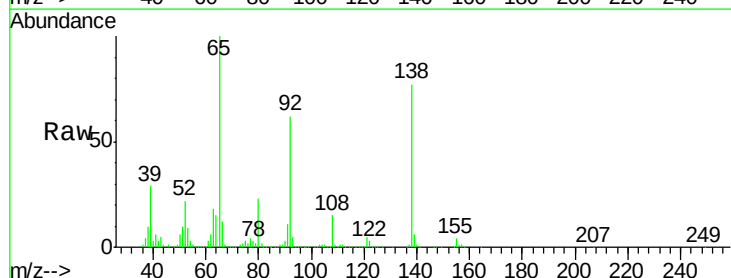


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

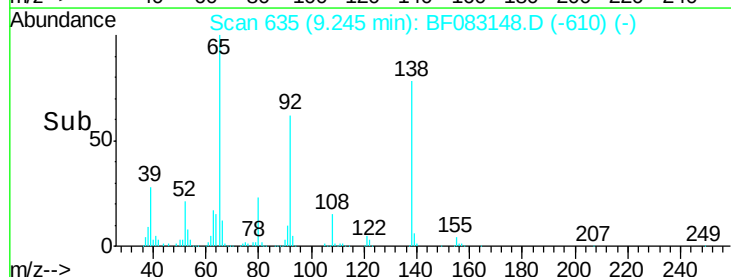
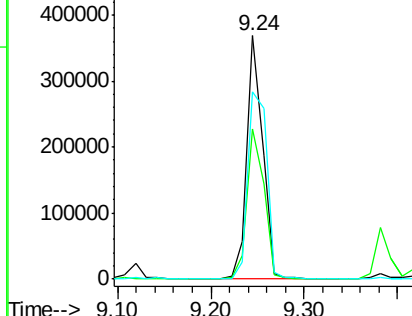


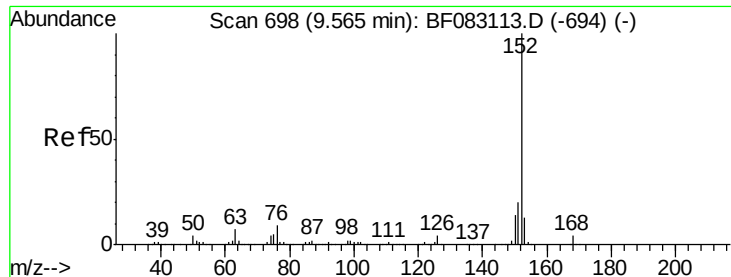
#47
2-Nitroaniline
Concen: 45.03 ng
RT: 9.24 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.9	49.5	74.3
138	77.0	60.7	91.1



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





#48

Acenaphthylene

Concen: 41.84 ng

RT: 9.55 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Instrument :

BNA_F

ClientSampleId :

MW-14A-111815MS

Tot Ion:152 Resp: 1752708

Ion Ratio Lower Upper

152 100

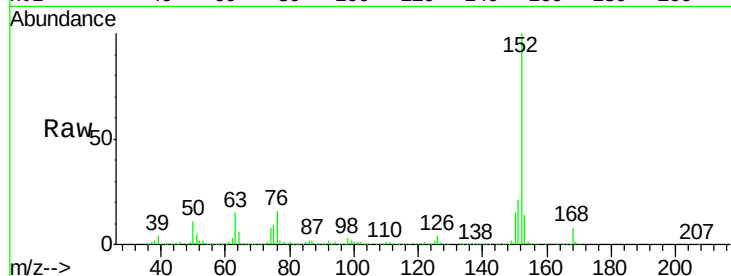
151 20.8 16.3 24.5

153 14.2 10.8 16.2

Manual Integrations
APPROVED

Mmdadoda

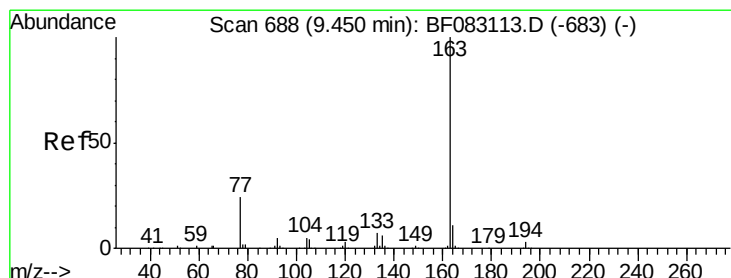
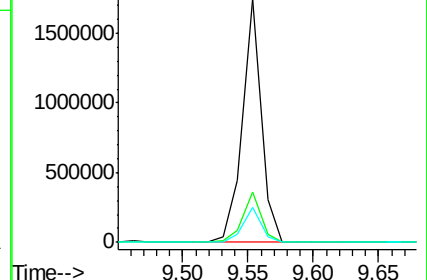
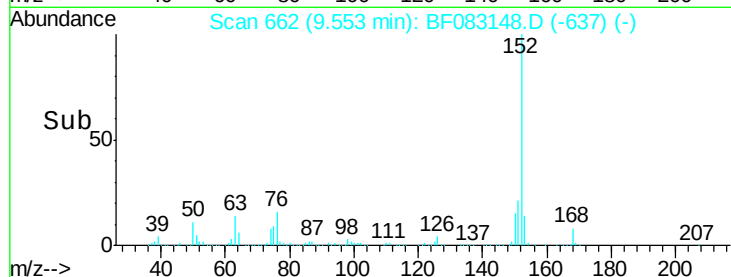
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 49.31 ng

RT: 9.44 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

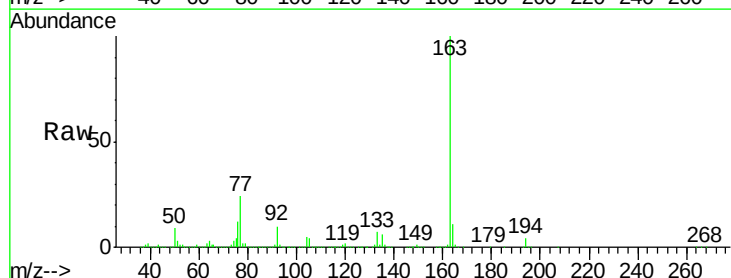
Tgt Ion:163 Resp: 1534977

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

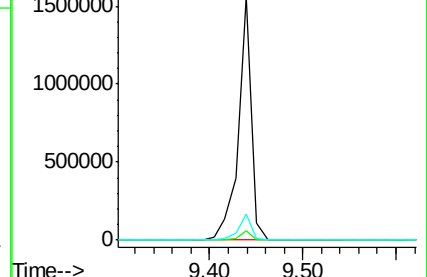
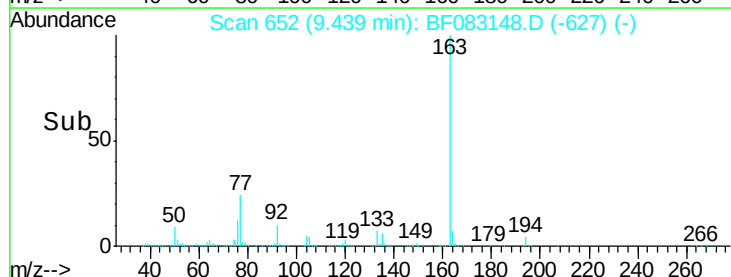
164 10.6 8.6 12.8

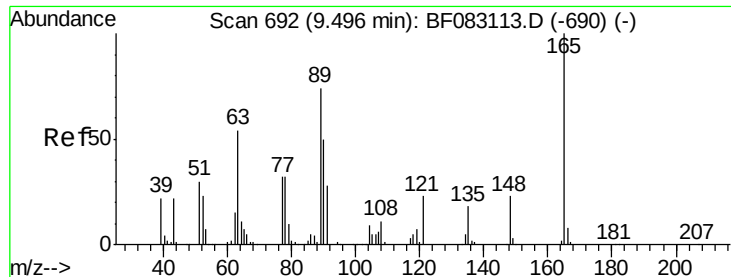


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





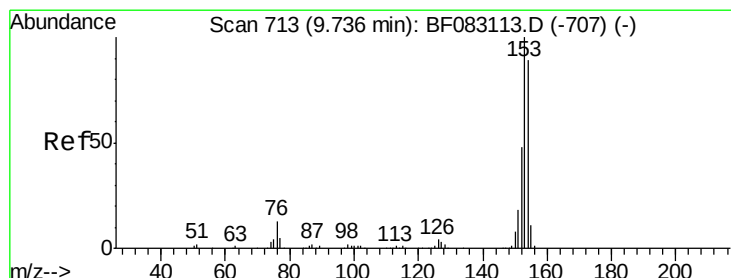
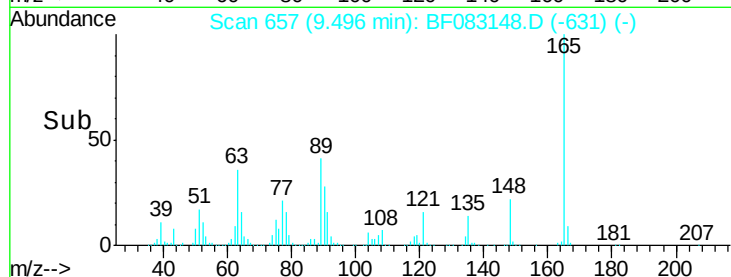
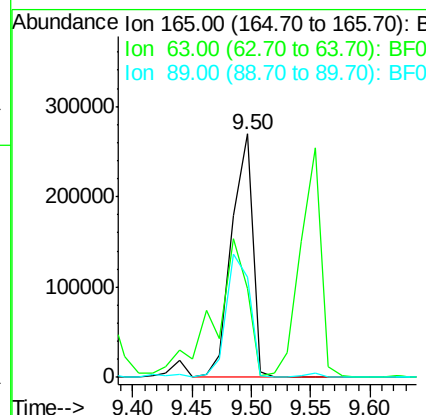
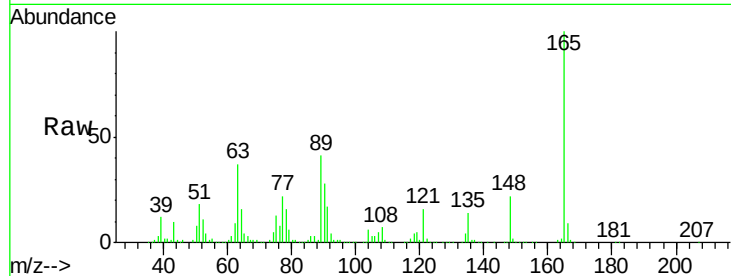
#50
2,6-Dinitrotoluene
Concen: 47.61 ng
RT: 9.50 min Scan# 657
Delta R.T. 0.00 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Instrument :
BNA_F
ClientSampleId :
MW-14A-111815MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		332548		
63	36.6	62.5	93.7#		
89	41.1	59.1	88.7#		

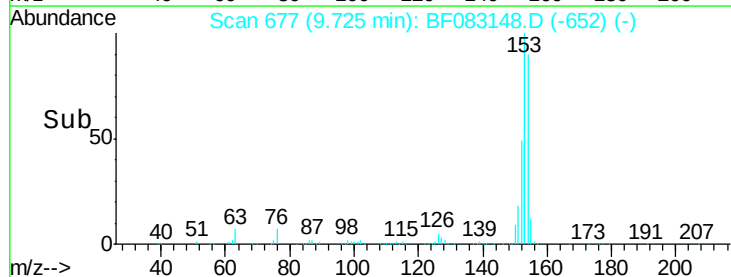
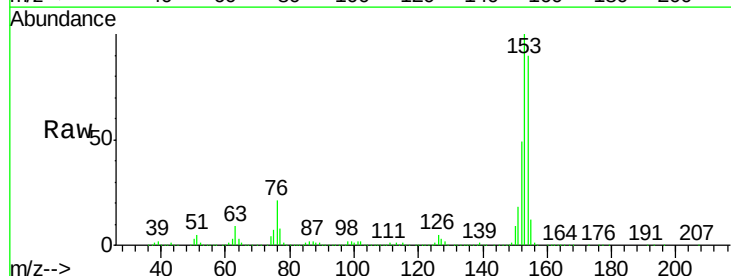
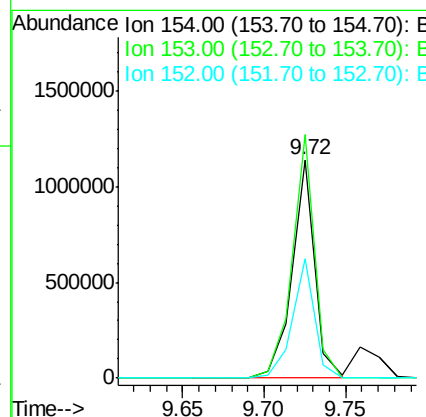
Manual Integrations
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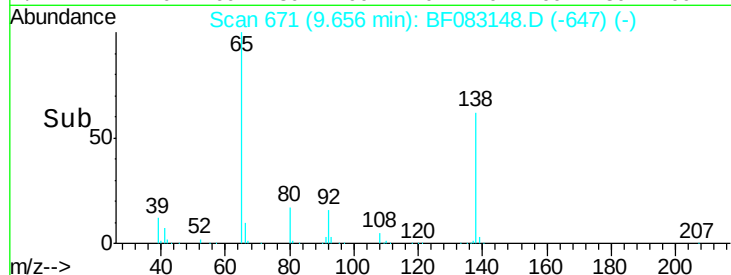
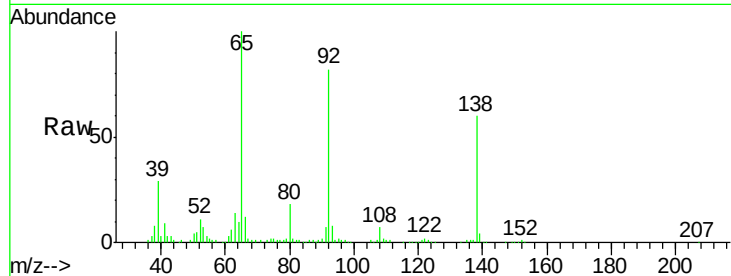
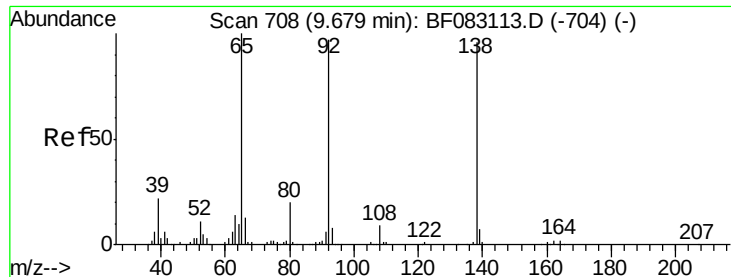
Mmdadoda
11/23/2015 7:01:50 PM



#51
Acenaphthene
Concen: 43.23 ng
RT: 9.72 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		1102055		
153	111.5	89.6	134.4		
152	54.4	43.3	64.9		





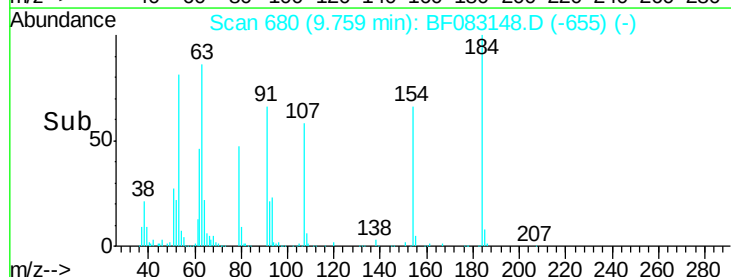
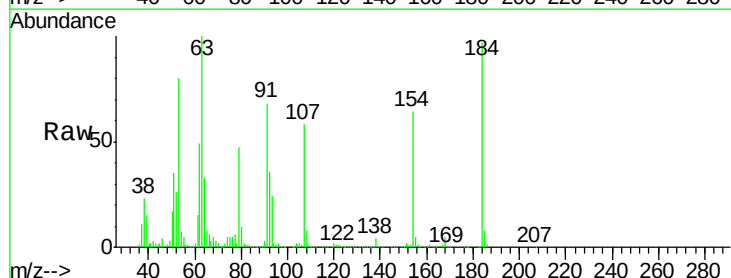
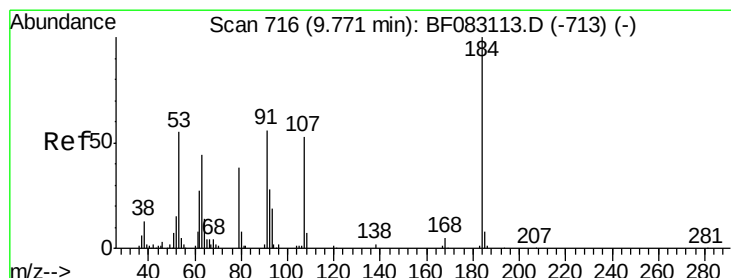
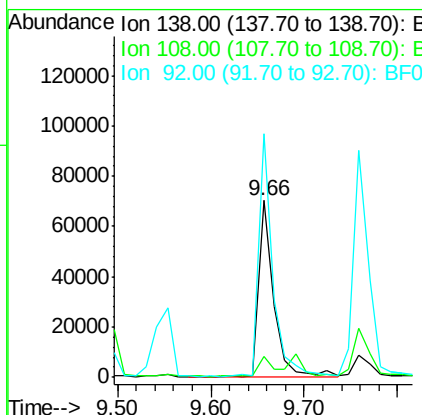
#52
3-Nitroaniline
Concen: 10.78 ng
RT: 9.66 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Tot Ion:138 Resp: 80256
Ion Ratio Lower Upper
138 100
108 11.6 7.8 11.6
92 137.6 81.1 121.7#

Instrument :
BNA_F
ClientSampleId :
MW-14A-111815MS

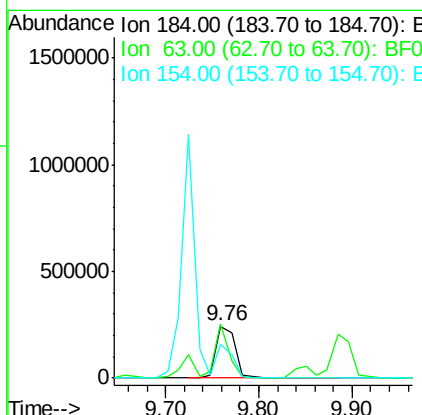
Manual Integrations
APPROVED

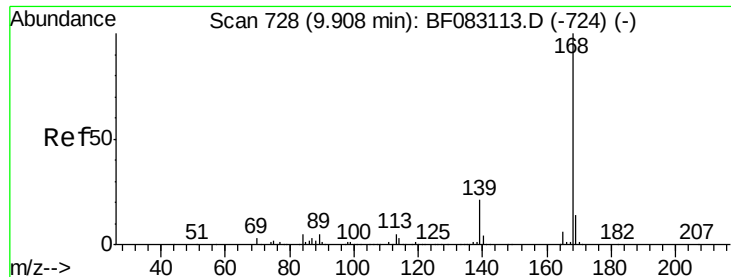
Mmdadoda
11/23/2015 7:01:50 PM



#53
2,4-Dinitrophenol
Concen: 86.92 ng
RT: 9.76 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Tgt Ion:184 Resp: 349807
Ion Ratio Lower Upper
184 100
63 103.4 60.5 90.7#
154 65.9 54.3 81.5





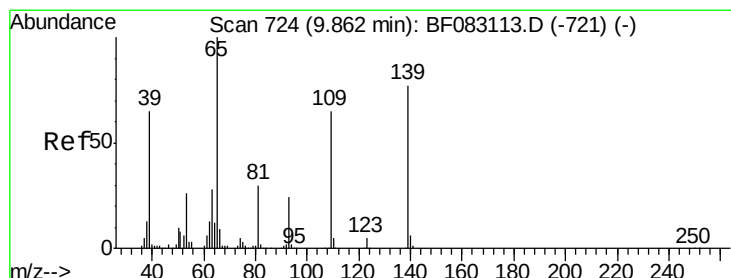
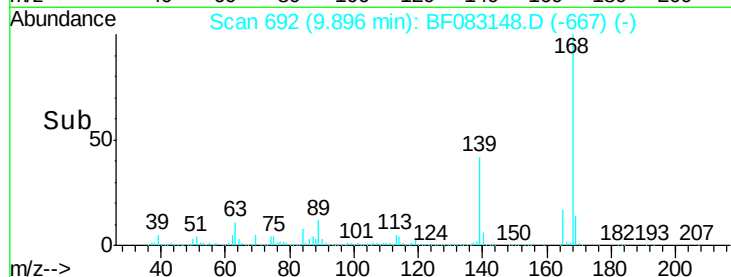
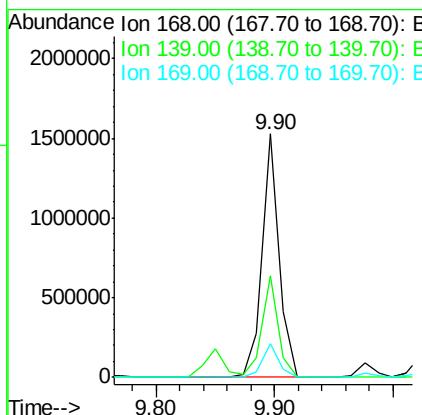
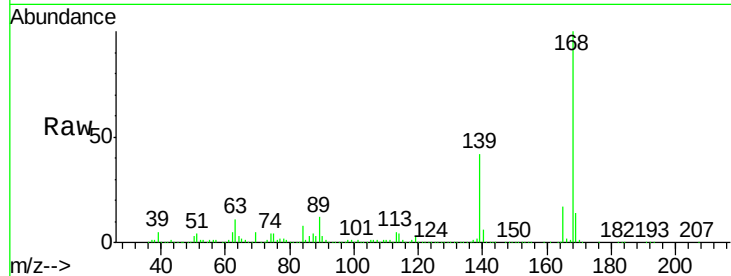
#54
Dibenzenofuran
Concen: 42.62 ng
RT: 9.90 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Instrument :
BNA_F
ClientSampleId :
MW-14A-111815MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.6	30.2	45.2
169	14.1	10.9	16.3

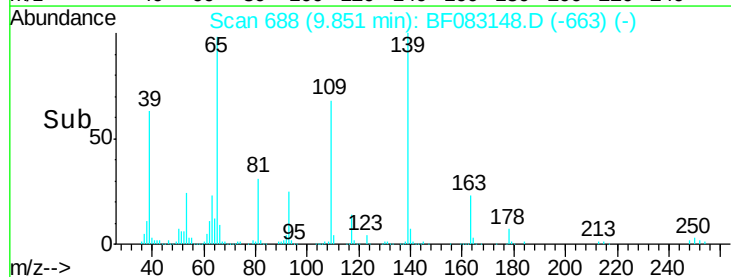
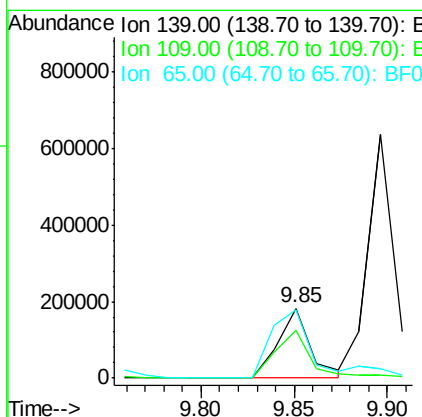
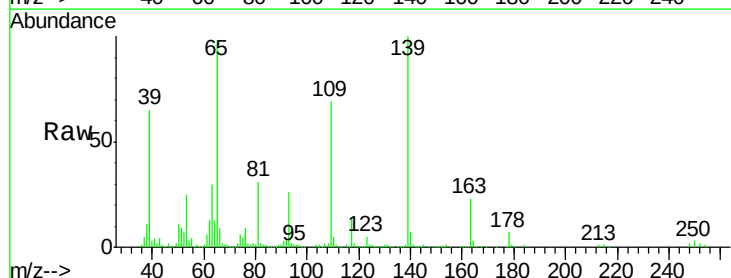
Manual Integrations
APPROVED

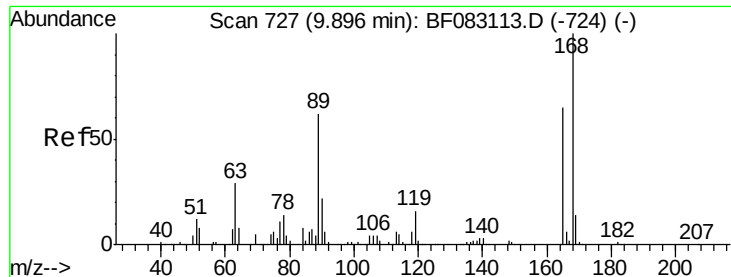
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11/23/2015 7:01:50 PM



#55
4-Nitrophenol
Concen: 38.04 ng
RT: 9.85 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.9	64.0	104.0
65	98.2	109.5	149.5#





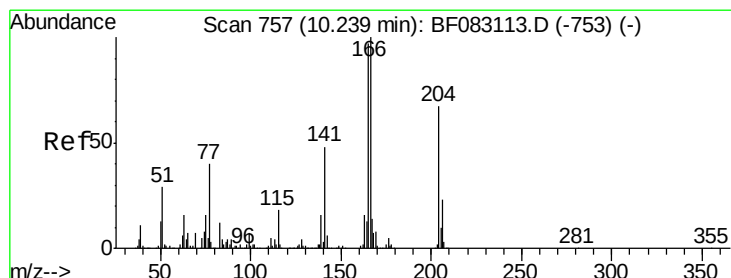
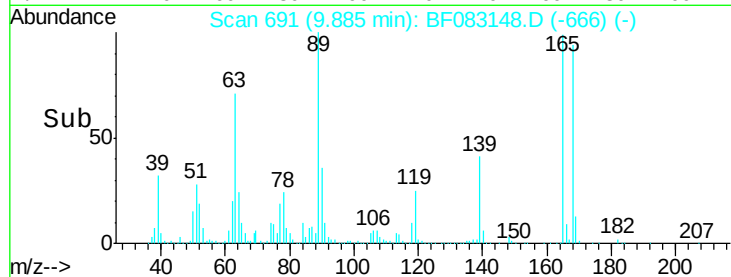
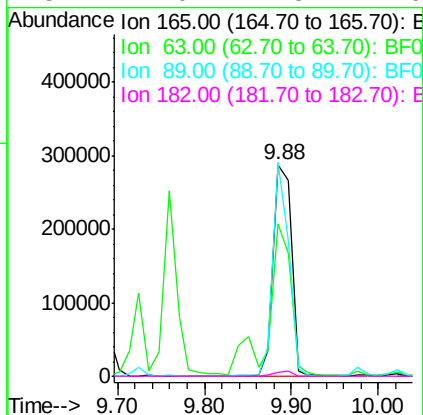
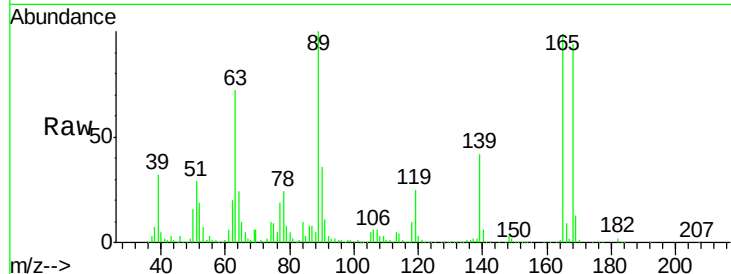
#56
2,4-Dinitrotoluene
Concen: 46.64 ng
RT: 9.88 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Instrument :
BNA_F
ClientSampleId :
MW-14A-111815MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	412760		
63	72.3	54.5	81.7	
89	101.1	77.3	115.9	
182	2.0	1.8	2.6	

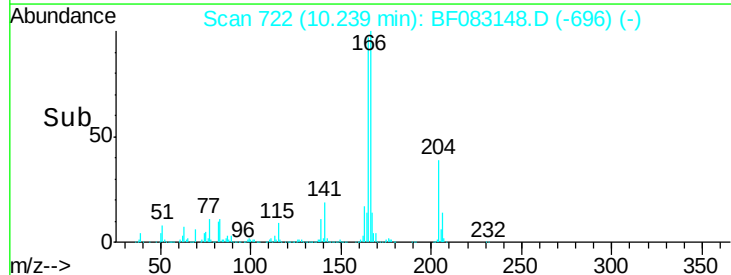
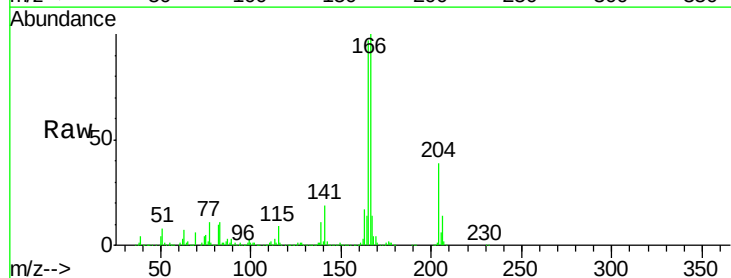
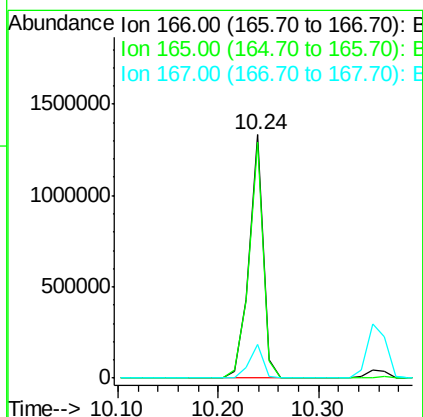
Manual Integrations
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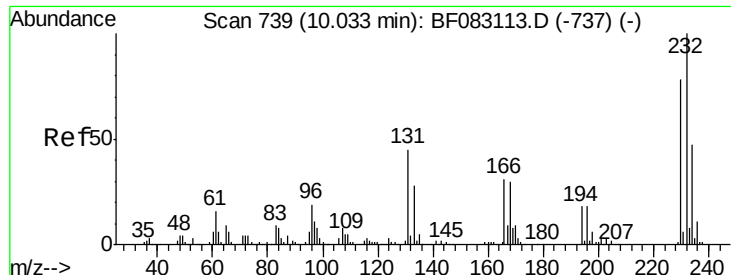
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11/23/2015 7:01:50 PM



#57
Fluorene
Concen: 44.02 ng
RT: 10.24 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1311479		
165	96.7	78.0	117.0	
167	14.1	11.3	16.9	





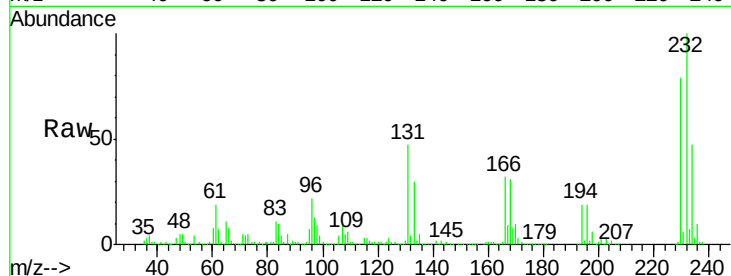
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.13 ng
 RT: 10.02 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF083148.D
 Acq: 22 Nov 2015 9:55

Instrument :
 BNA_F
 ClientSampleId :
 MW-14A-111815MS

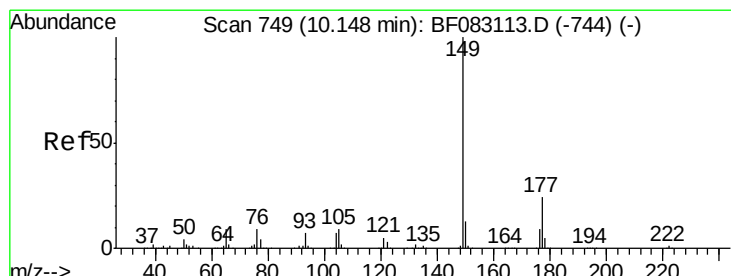
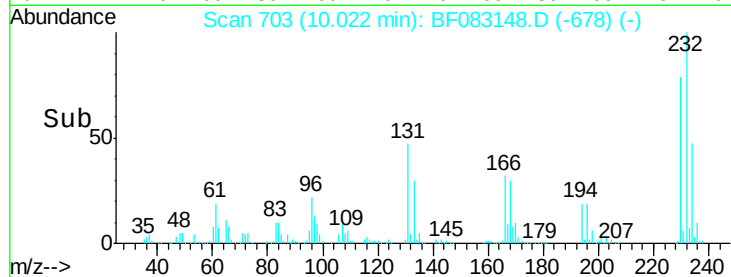
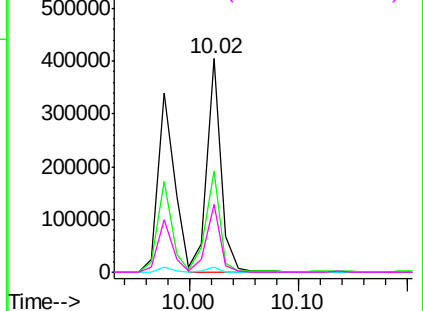
Tot Ion	Ratio	Lower	Upper
232	100		
131	48.1	38.6	57.8
130	2.4	1.9	2.9
166	31.5	25.4	38.0

Manual Integrations
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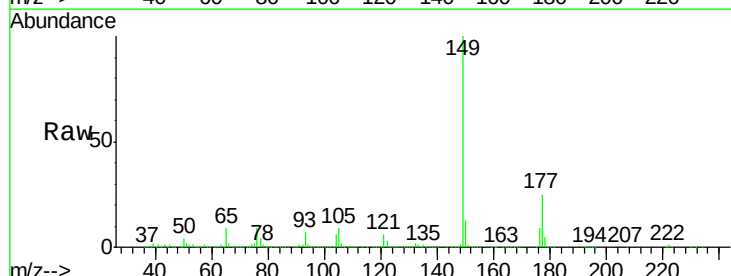


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

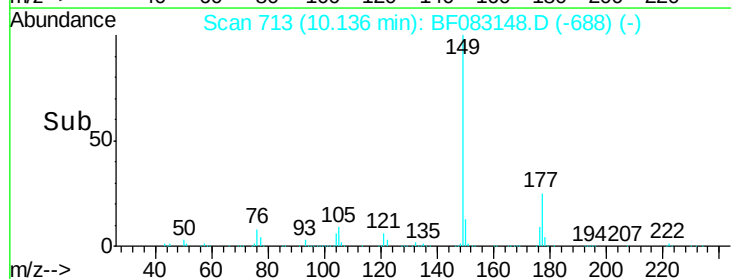
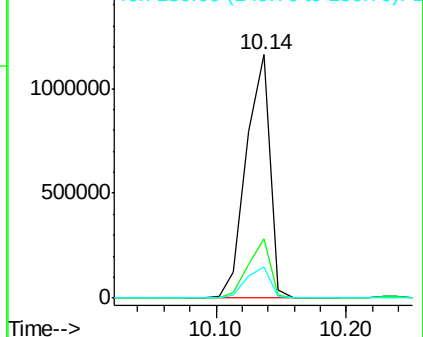


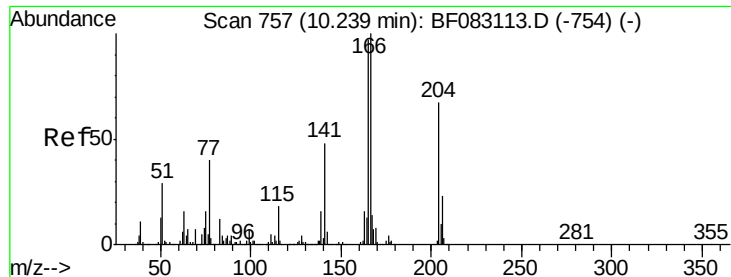
#59
 Diethylphthalate
 Concen: 47.35 ng
 RT: 10.14 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: BF083148.D
 Acq: 22 Nov 2015 9:55

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.6	19.4	29.2
150	12.6	10.2	15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





#60

4-Chlorophenyl-phenylether

Concen: 44.57 ng

RT: 10.24 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Instrument :

BNA_F

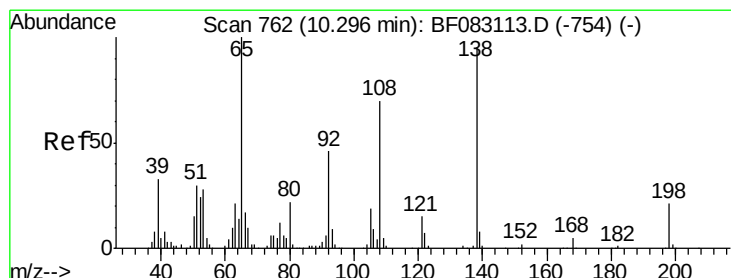
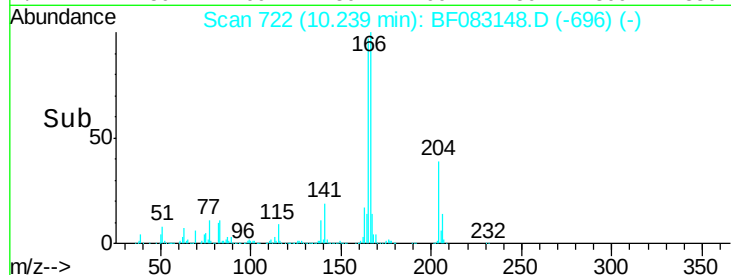
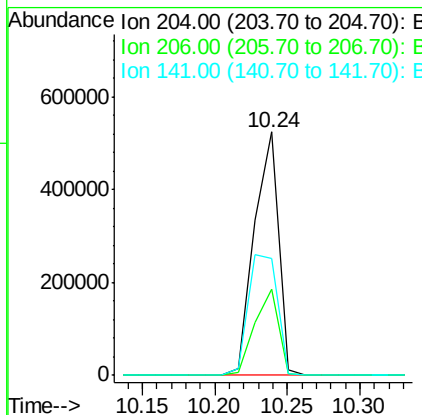
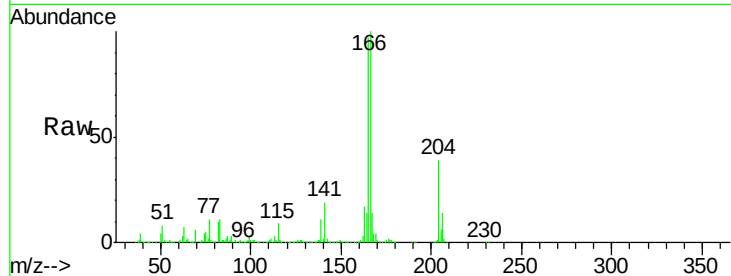
ClientSampleId :

MW-14A-111815MS

Tot Ion:	204	Resp:	608201
Ion Ratio		Lower	Upper
204	100		
206	35.5	27.4	41.0
141	48.0	57.4	86.2#

Manual Integrations
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Mmdadoda
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#61

4-Nitroaniline

Concen: 25.59 ng

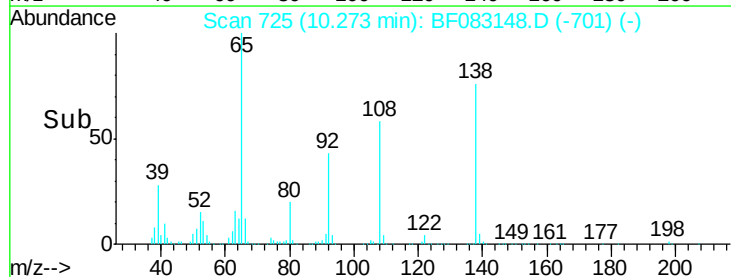
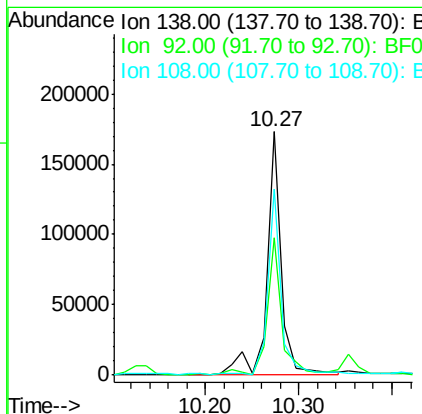
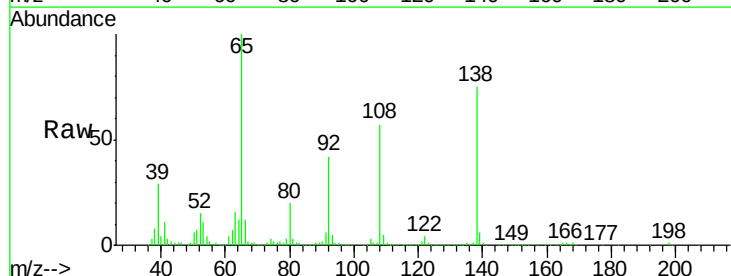
RT: 10.27 min Scan# 725

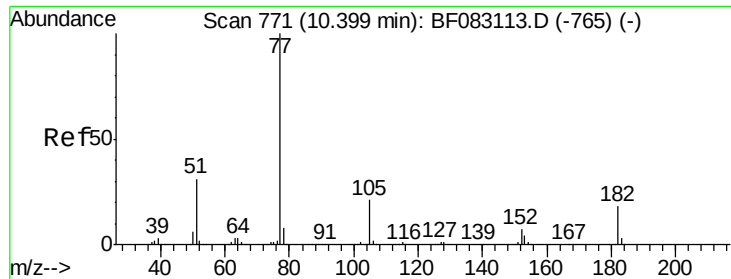
Delta R.T. -0.02 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Tgt Ion:	138	Resp:	187652
Ion Ratio		Lower	Upper
138	100		
92	56.4	28.4	68.4
108	76.6	53.5	93.5





#62

Azobenzene

Concen: 46.74 ng

RT: 10.39 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Instrument :

BNA_F

ClientSampleId :

MW-14A-111815MS

Tot Ion: 77 Resp: 1653084

Ion Ratio Lower Upper

77 100

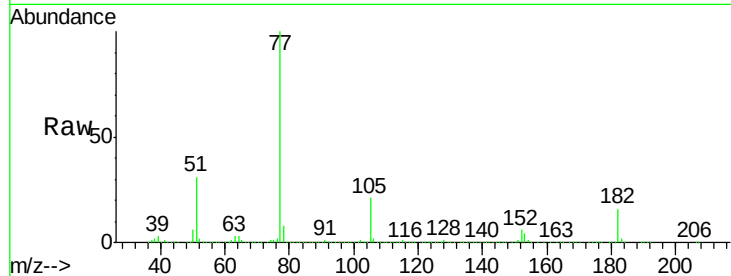
182 15.8 0.0 38.3

105 20.8 1.2 41.2

51 31.0 11.1 51.1

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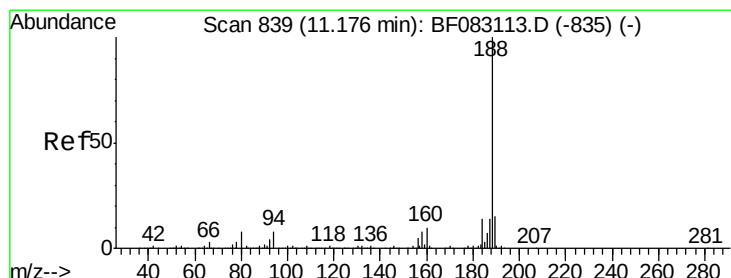
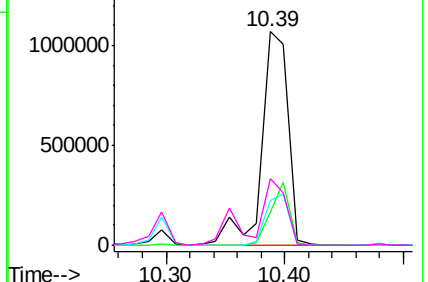
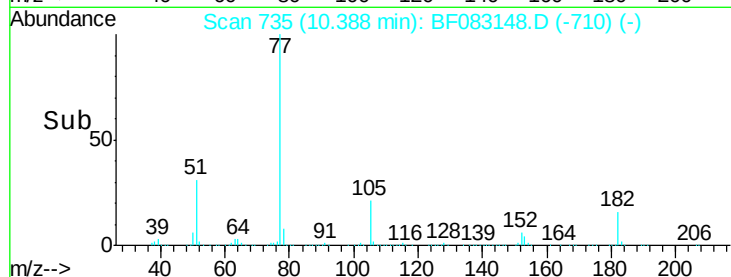


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.16 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

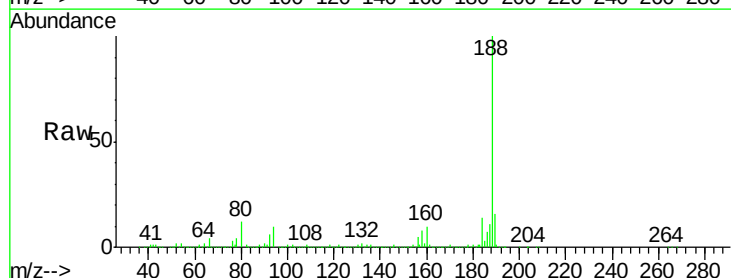
Tgt Ion: 188 Resp: 737254

Ion Ratio Lower Upper

188 100

94 10.5 6.0 9.0#

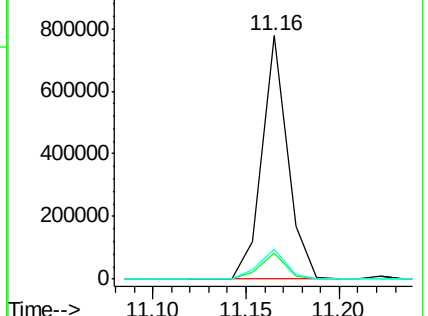
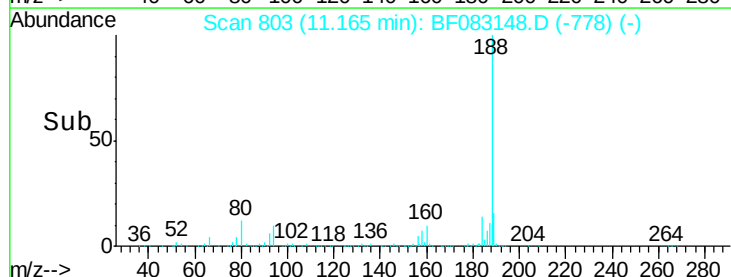
80 12.2 6.7 10.1#

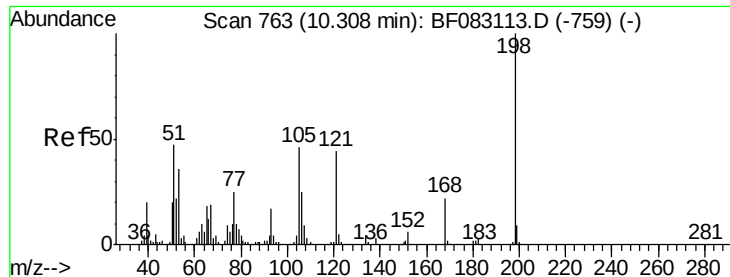


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 45.85 ng

RT: 10.30 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Instrument :

BNA_F

ClientSampleId :

MW-14A-111815MS

Tot Ion:198 Resp: 232921
Ion Ratio Lower Upper

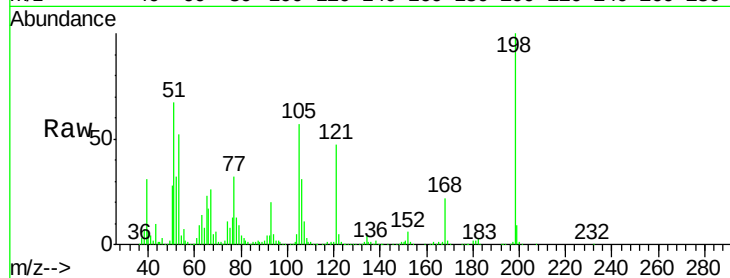
198 100

51 67.3 27.0 67.0#

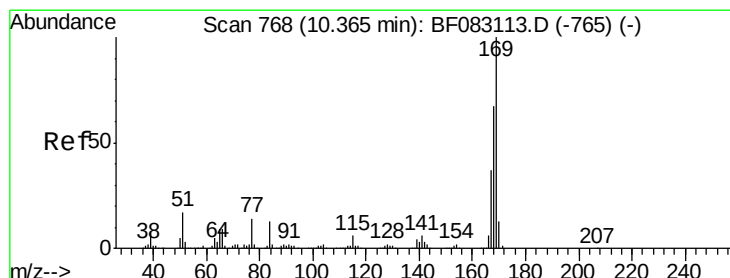
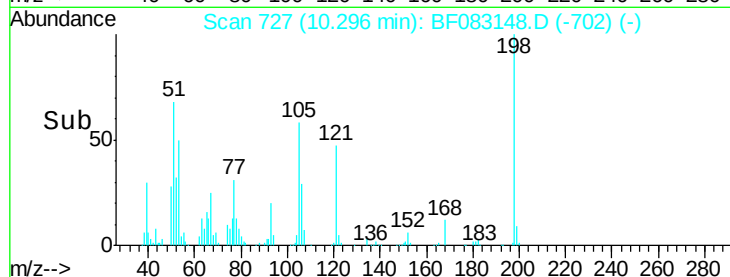
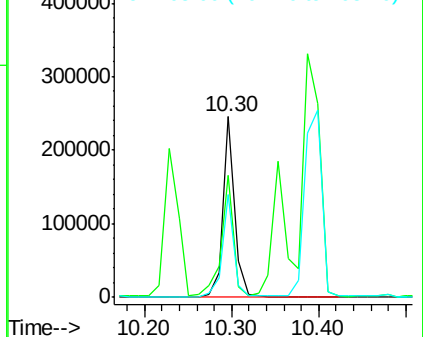
105 57.0 26.1 66.1

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 42.82 ng

RT: 10.35 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF083148.D

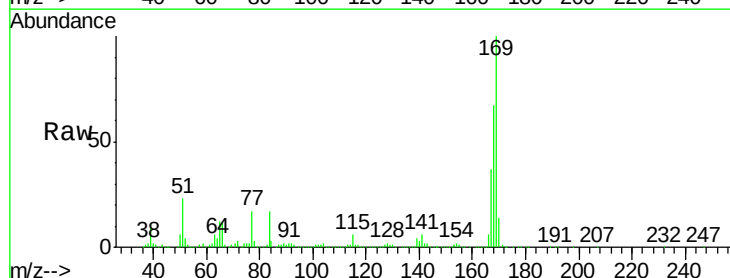
Acq: 22 Nov 2015 9:55

Tgt Ion:169 Resp: 1073792
Ion Ratio Lower Upper

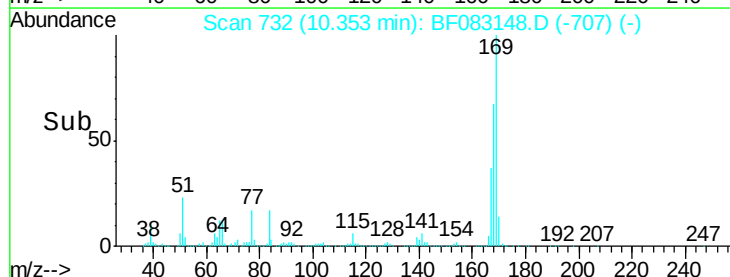
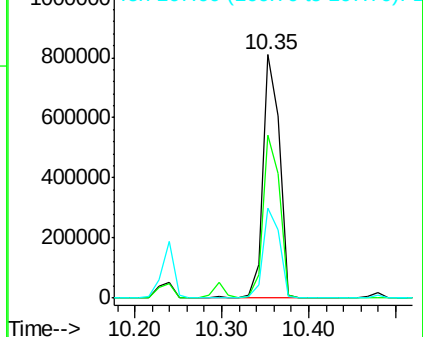
169 100

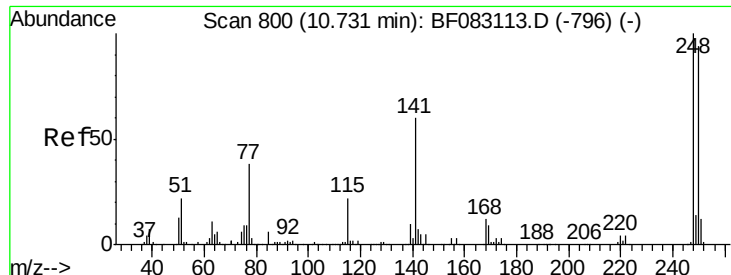
168 67.2 53.8 80.6

167 36.9 29.8 44.8



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





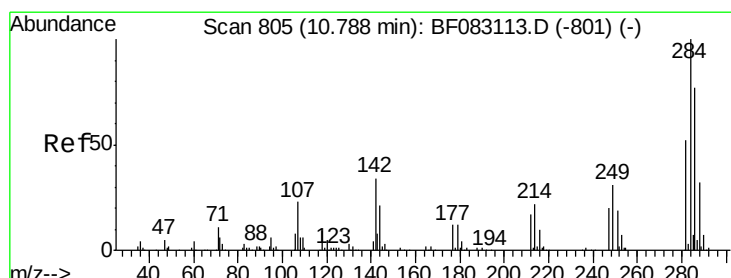
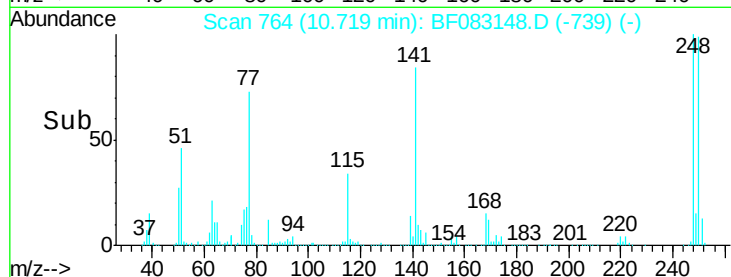
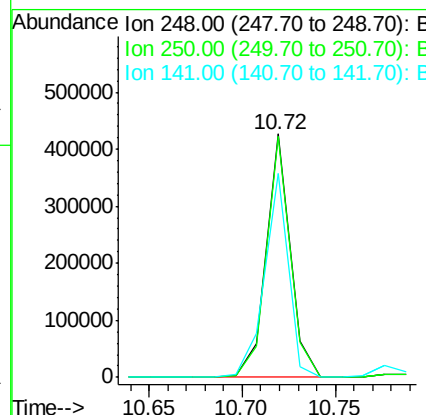
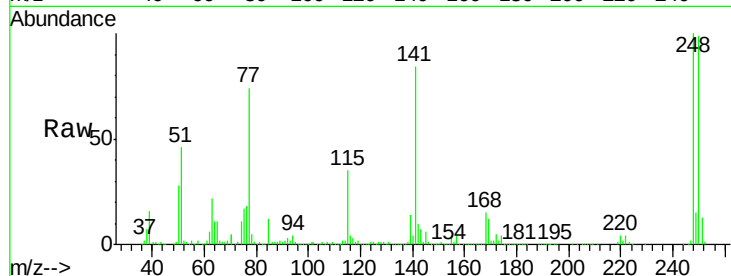
#66
4-Bromophenyl-phenylether
Concen: 46.35 ng
RT: 10.72 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Instrument :
BNA_F
ClientSampleId :
MW-14A-111815MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.8	75.4	113.2
141	83.7	48.1	72.1#

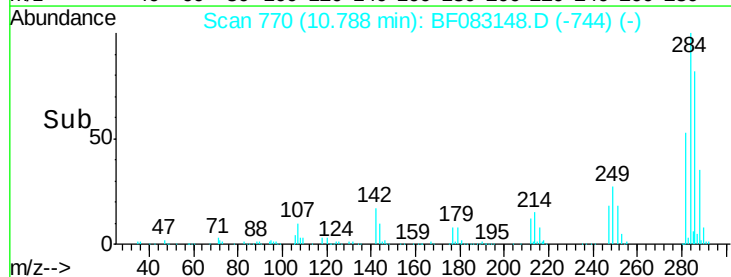
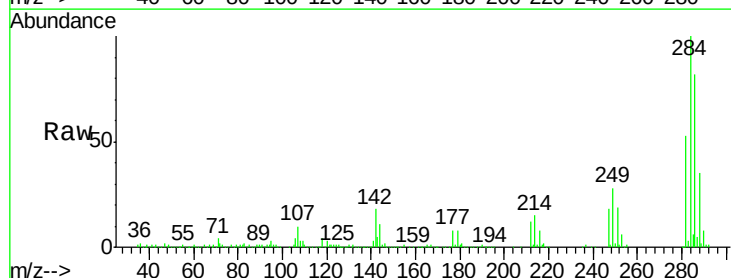
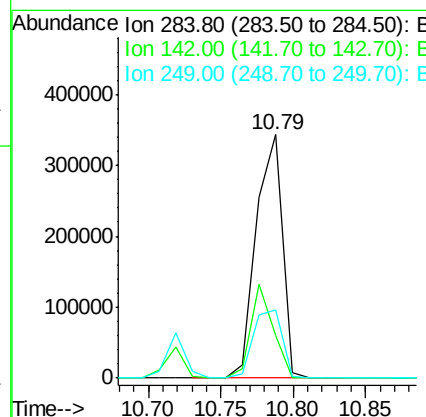
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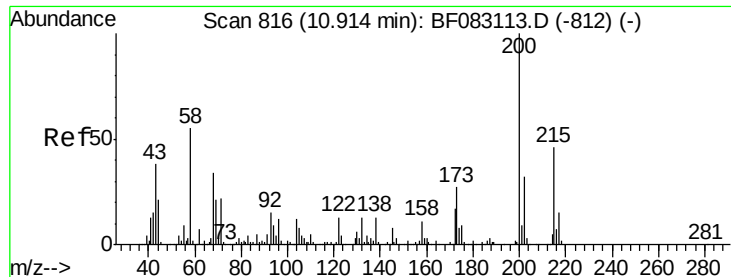
Mmdadoda
11/23/2015 7:01:50 PM



#67
Hexachlorobenzene
Concen: 47.79 ng
RT: 10.79 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Tgt Ion	Ratio	Lower	Upper
284	100		
142	17.7	27.6	41.4#
249	27.9	25.5	38.3





#68

Atrazine

Concen: 53.23 ng

RT: 10.90 min Scan# 780

Delta R.T. -0.01 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Instrument :

BNA_F

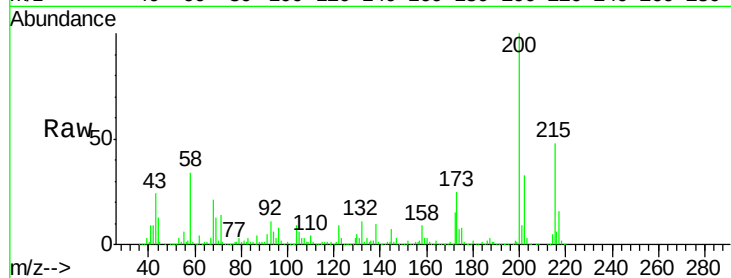
ClientSampleId :

MW-14A-111815MS

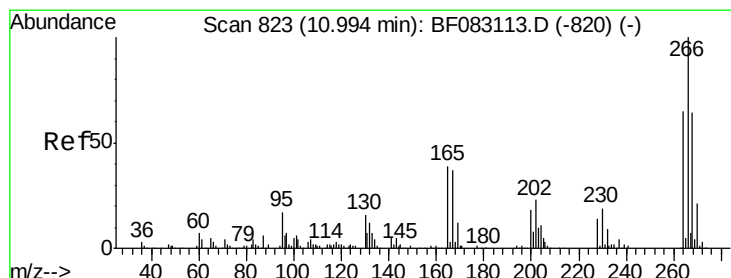
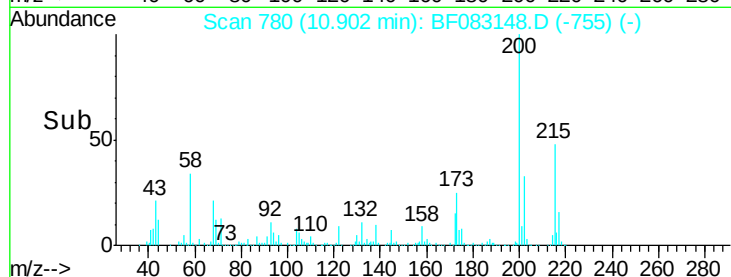
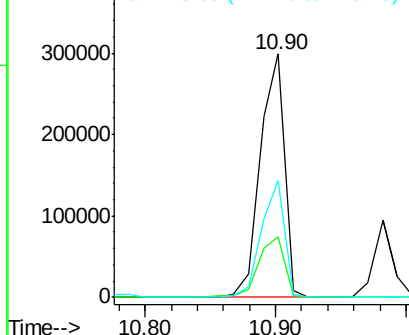
Tot Ion:	200	Resp:	387596
Ion Ratio	Lower	Upper	
200	100		
173	24.9	7.2	47.2
215	47.9	25.7	65.7

Manual Integrations
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11/23/2015 7:01:50 PM



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 84.19 ng

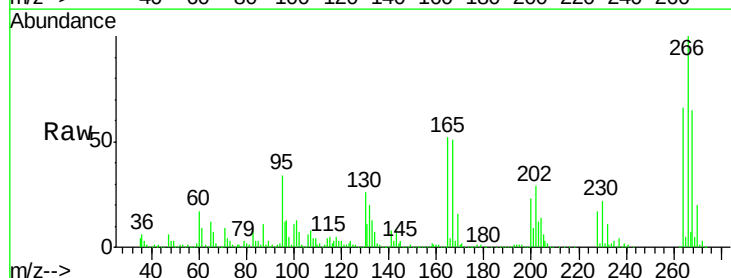
RT: 10.98 min Scan# 787

Delta R.T. -0.01 min

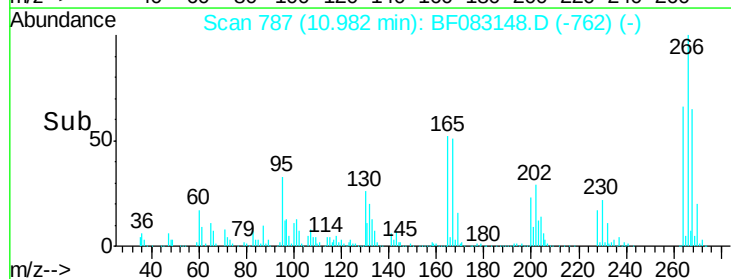
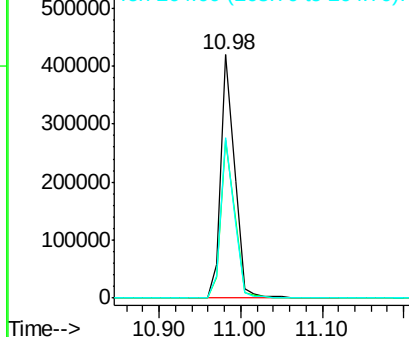
Lab File: BF083148.D

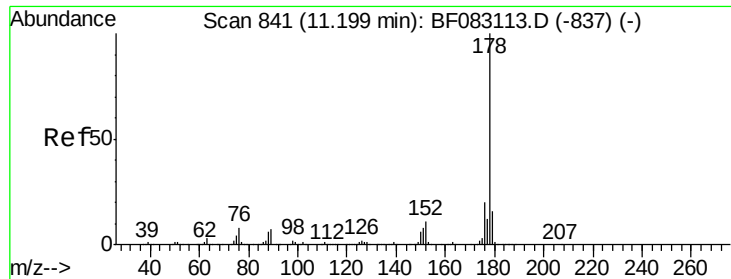
Acq: 22 Nov 2015 9:55

Tgt Ion:	266	Resp:	494050
Ion Ratio	Lower	Upper	
266	100		
268	64.7	51.4	77.0
264	65.6	51.7	77.5



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





#70

Phenanthrene

Concen: 44.00 ng

RT: 11.19 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Instrument :

BNA_F

ClientSampleId :

MW-14A-111815MS

Tot Ion:178 Resp: 1868815

Ion Ratio Lower Upper

178 100

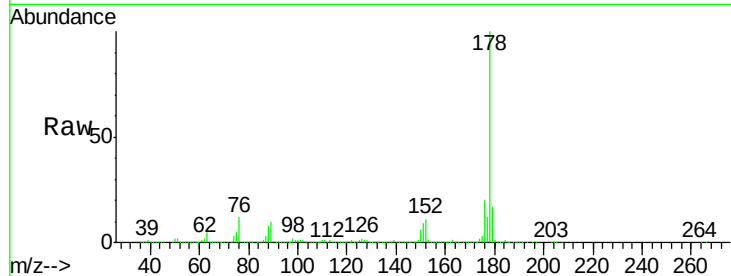
176 20.3 16.2 24.2

179 16.6 12.8 19.2

Manual Integrations
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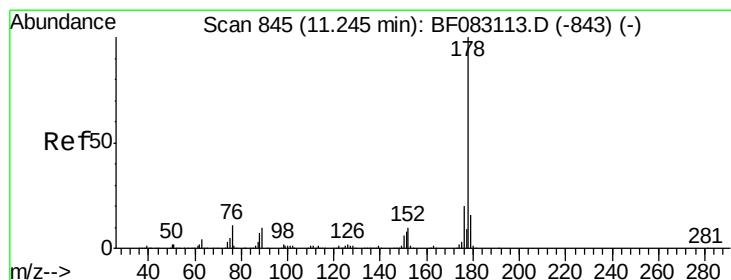
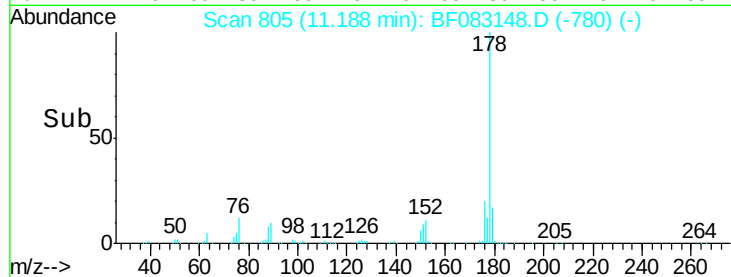
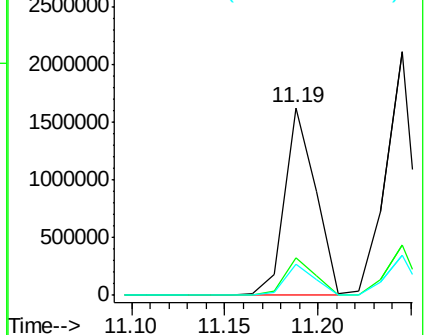
11/23/2015 7:01:50 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 46.99 ng

RT: 11.24 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

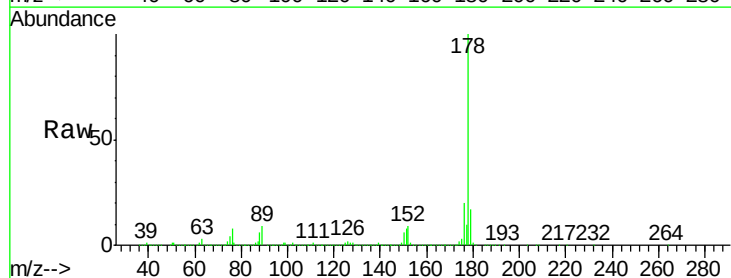
Tgt Ion:178 Resp: 2036375

Ion Ratio Lower Upper

178 100

176 20.5 15.6 23.4

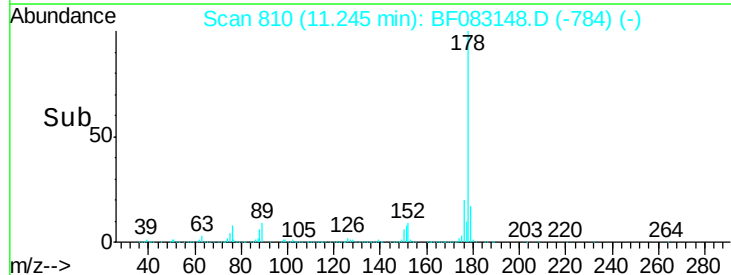
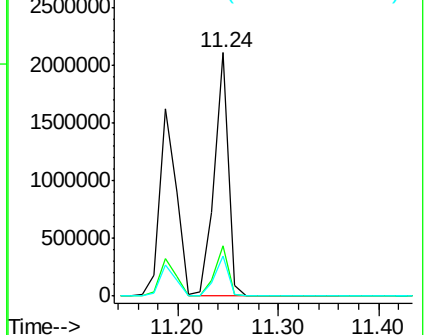
179 16.6 13.2 19.8

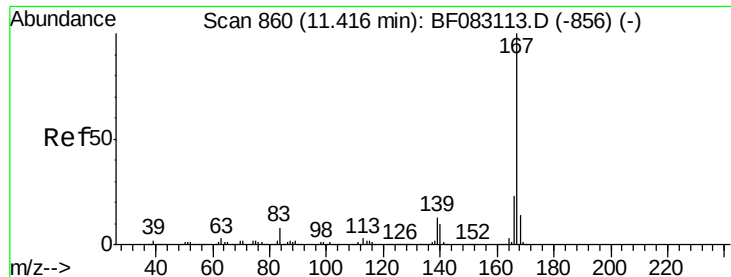


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 44.09 ng

RT: 11.40 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Instrument :

BNA_F

ClientSampleId :

MW-14A-111815MS

Tot Ion:167 Resp: 1698289

Ion Ratio Lower Upper

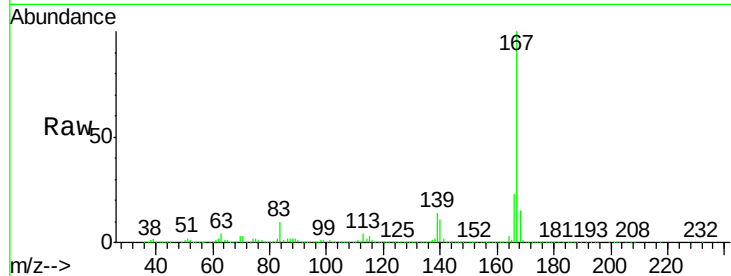
167 100

166 22.6 18.0 27.0

139 14.3 10.5 15.7

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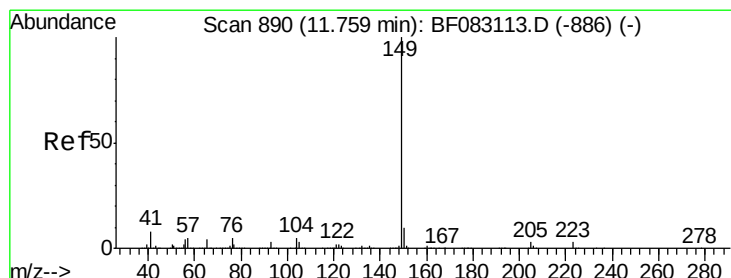
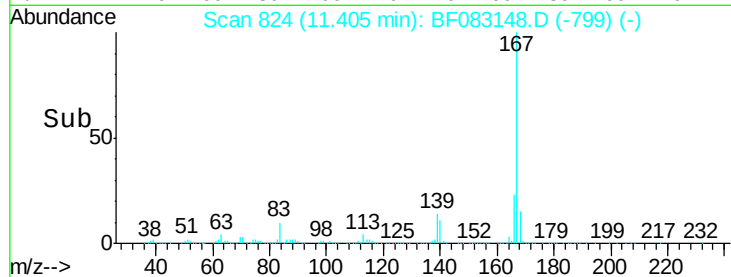
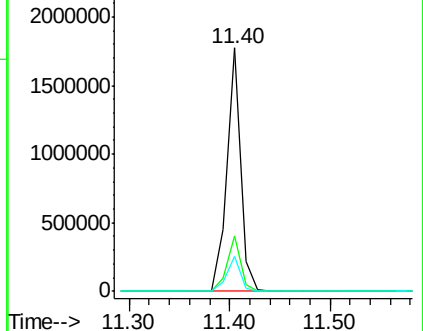
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11/23/2015 7:01:50 PM



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 48.23 ng

RT: 11.75 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

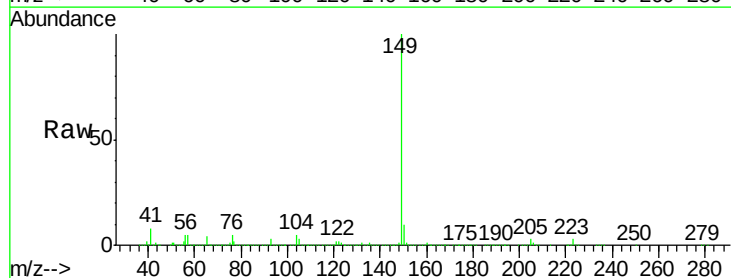
Tgt Ion:149 Resp: 2267531

Ion Ratio Lower Upper

149 100

150 10.3 8.0 12.0

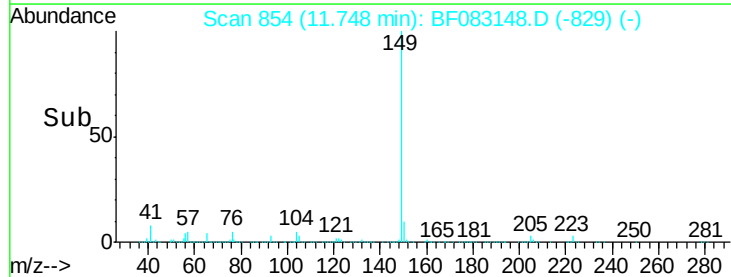
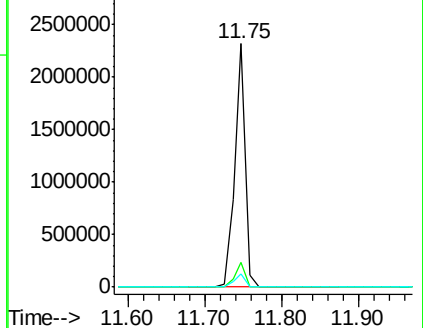
104 5.2 4.4 6.6

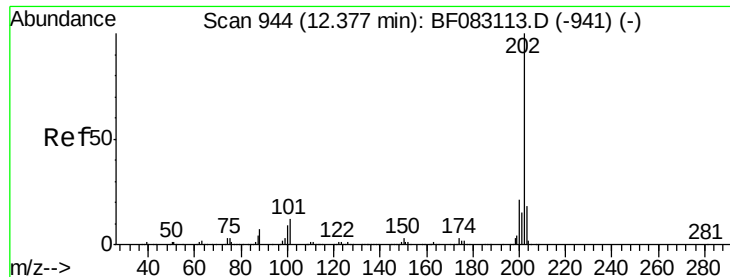


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





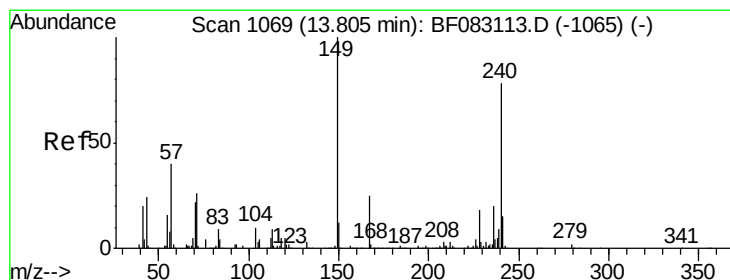
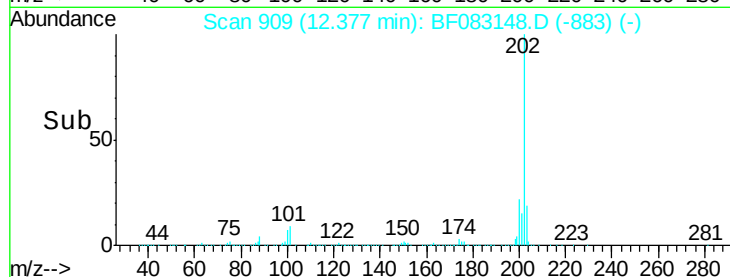
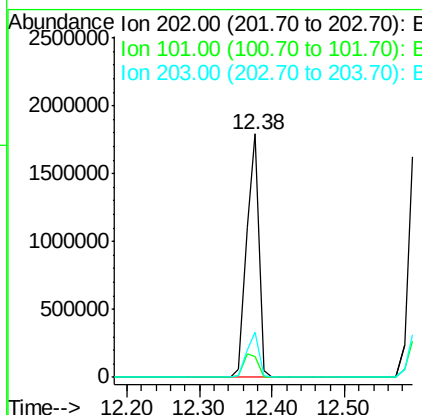
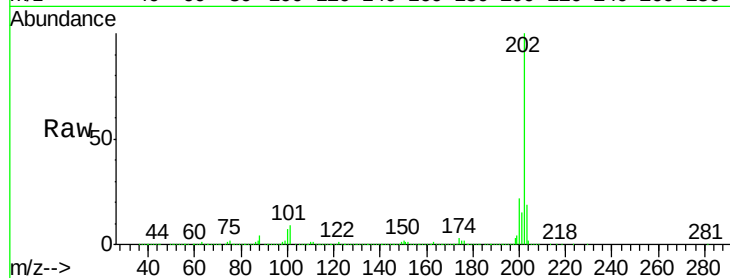
#74
Fluoranthene
Concen: 47.88 ng
RT: 12.38 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Instrument :
BNA_F
ClientSampleId :
MW-14A-111815MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	2081541		
101	8.6	0.0	32.3	
203	18.5	0.0	38.4	

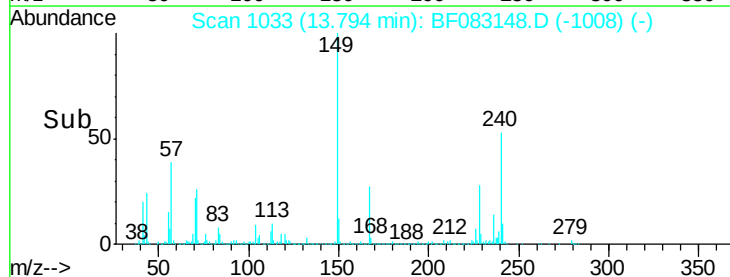
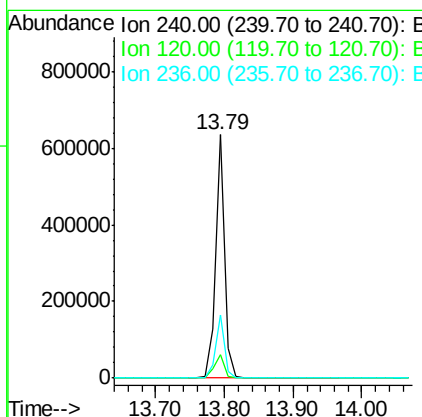
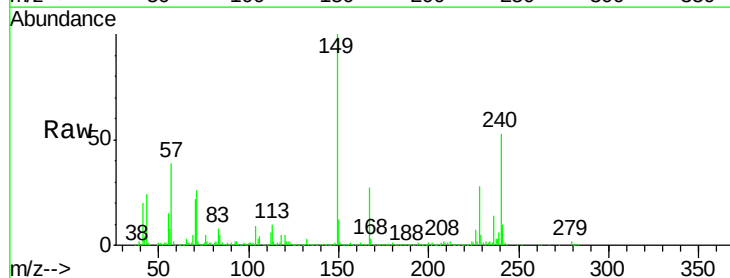
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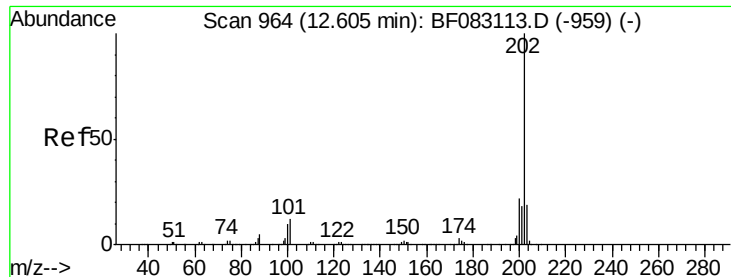
Mmdadoda
11/23/2015 7:01:50 PM



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	587975		
120	9.8	5.4	8.2#	
236	26.0	20.6	31.0	





#77

Pvrene

Concen: 48.08 ng

RT: 12.59 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Instrument :

BNA_F

ClientSampleId :

MW-14A-111815MS

Tot Ion:202 Resp: 1931270

Ion Ratio Lower Upper

202 100

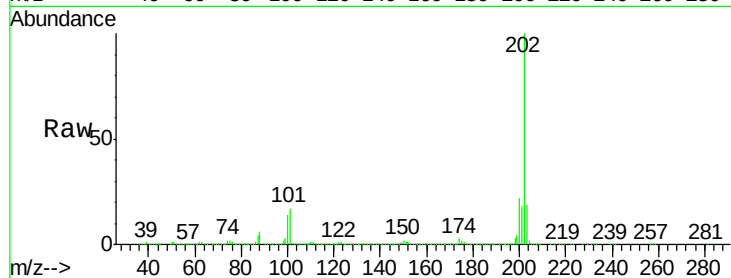
200 22.4 17.8 26.6

203 19.1 15.0 22.4

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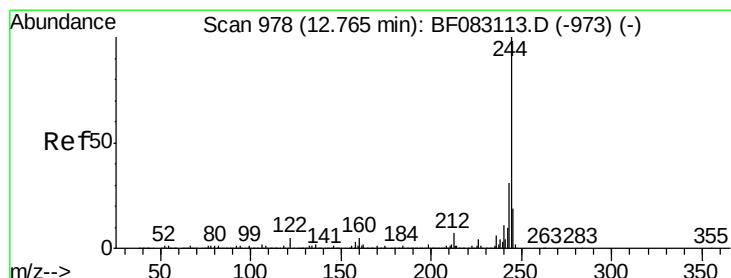
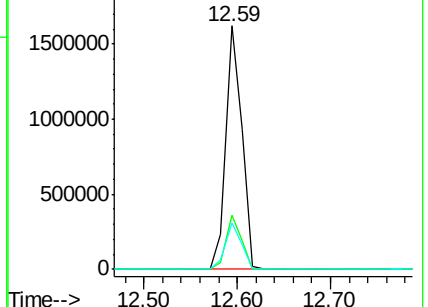
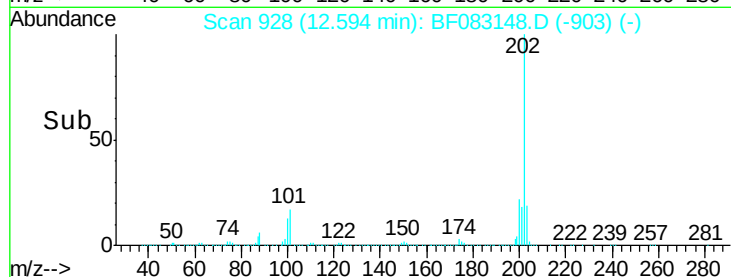
11/23/2015 7:01:50 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 86.16 ng

RT: 12.75 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

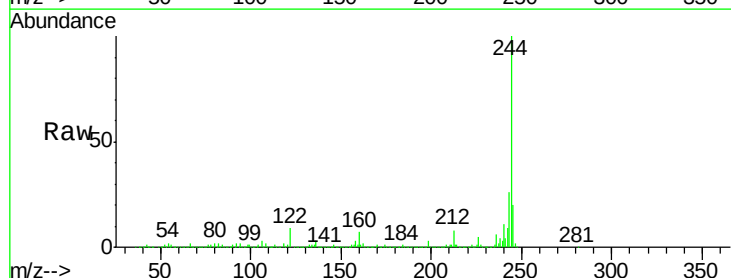
Tgt Ion:244 Resp: 2151233

Ion Ratio Lower Upper

244 100

212 7.7 5.4 8.2

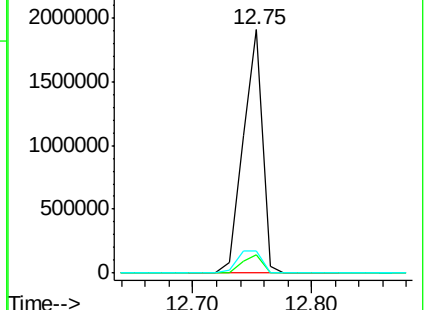
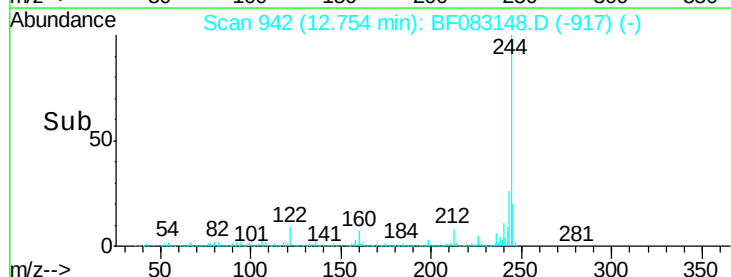
122 9.1 4.3 6.5#

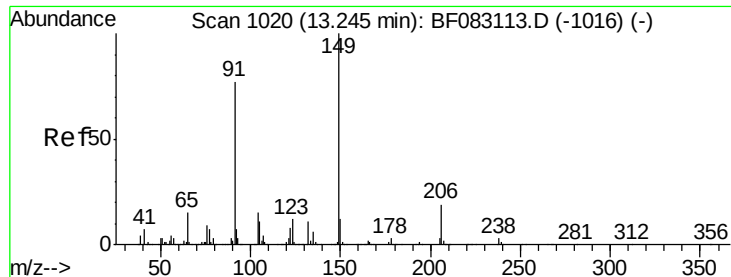


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





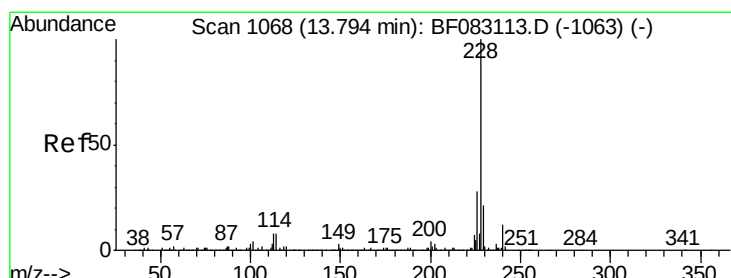
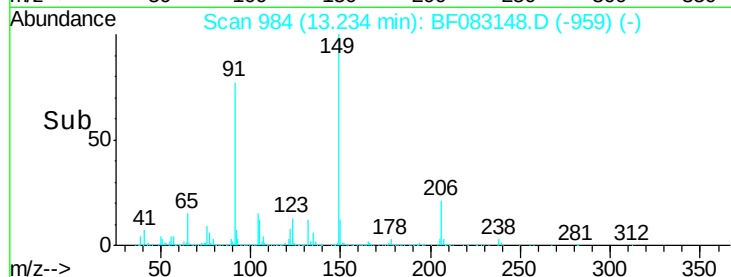
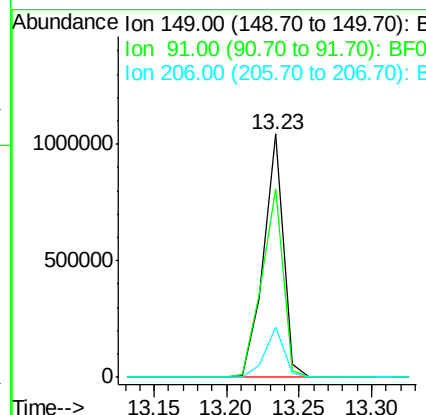
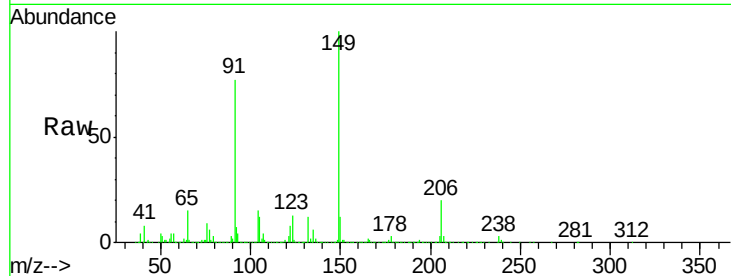
#79
Butylbenzylphthalate
Concen: 52.32 ng
RT: 13.23 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Instrument :
BNA_F
ClientSampleId :
MW-14A-111815MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	77.2	61.5	92.3
206	20.5	15.3	22.9

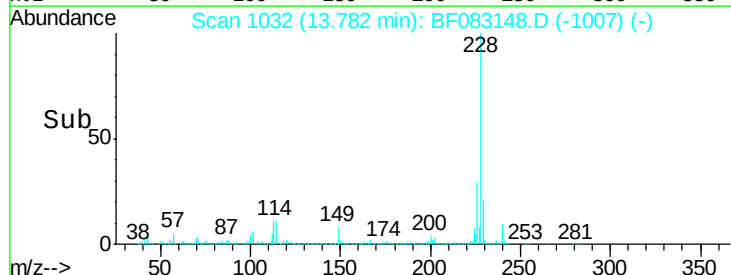
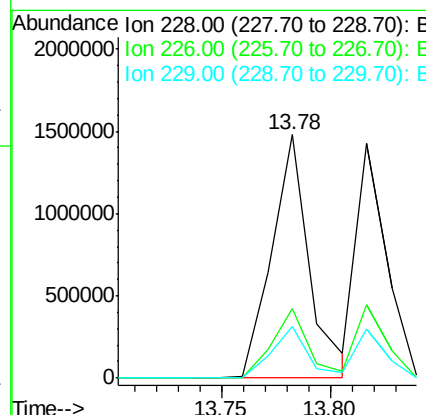
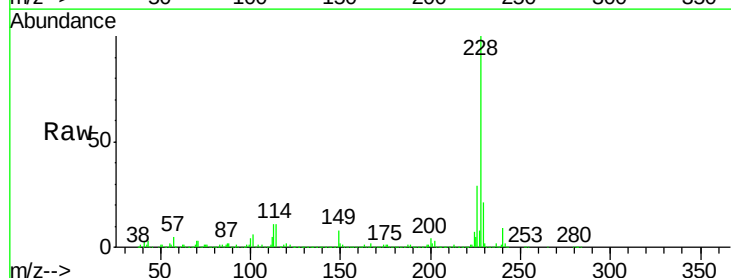
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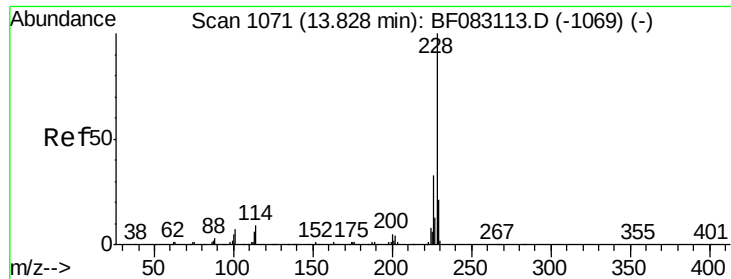
Mmdadoda
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#80
Benzo(a)anthracene
Concen: 49.47 ng
RT: 13.78 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	21.0	16.6	24.8





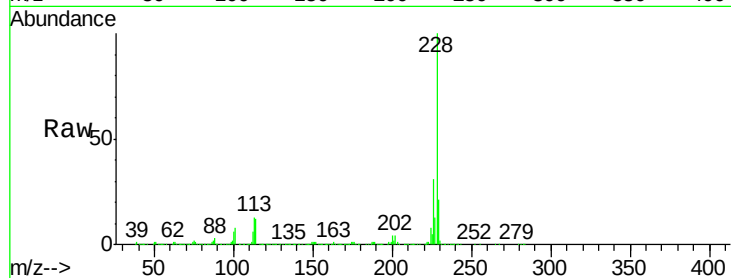
#82
Chrysene
Concen: 41.00 ng
RT: 13.82 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Instrument :
BNA_F
ClientSampleId :
MW-14A-111815MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.5	38.3
229	20.8	16.6	25.0

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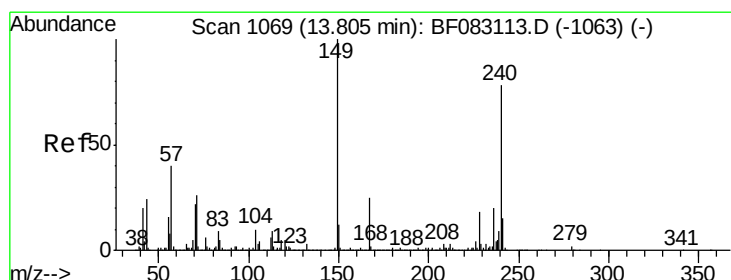
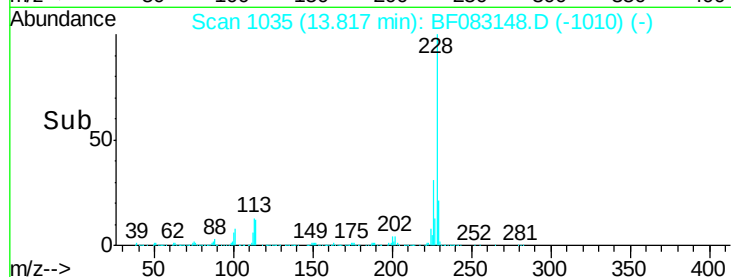
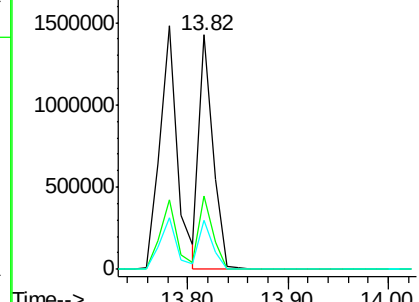


Abundance

Ion 228.00 (227.70 to 228.70): E

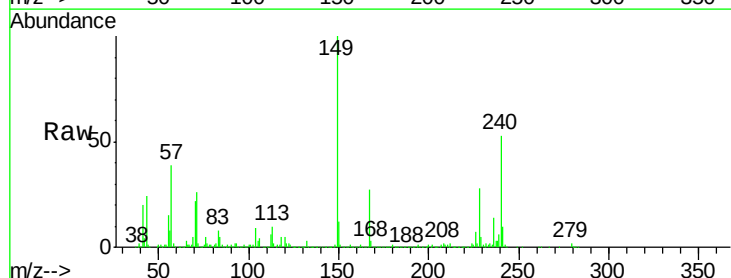
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83
Bis(2-ethylhexyl)phthalate
Concen: 51.48 ng
RT: 13.79 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	20.1	30.1
279	2.4	1.7	2.5

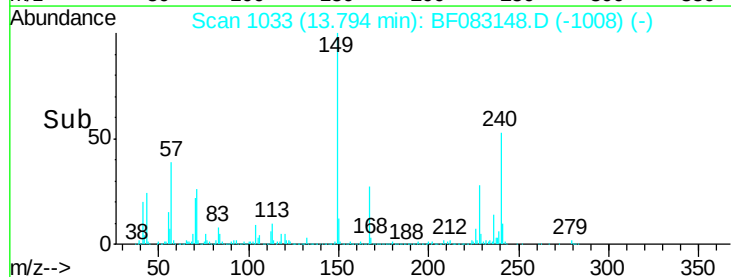
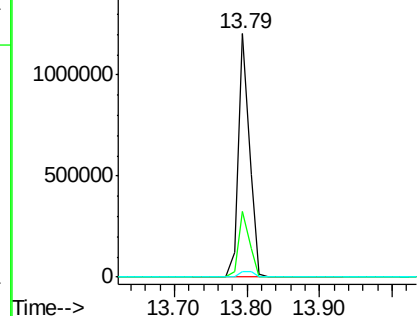


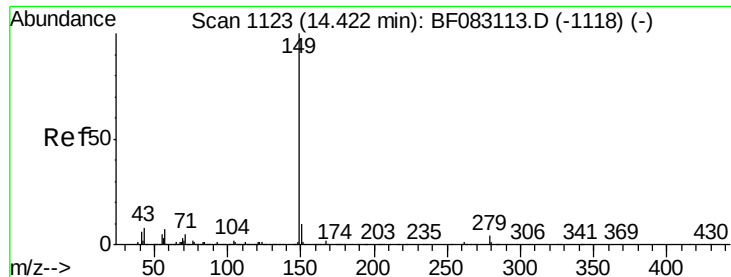
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





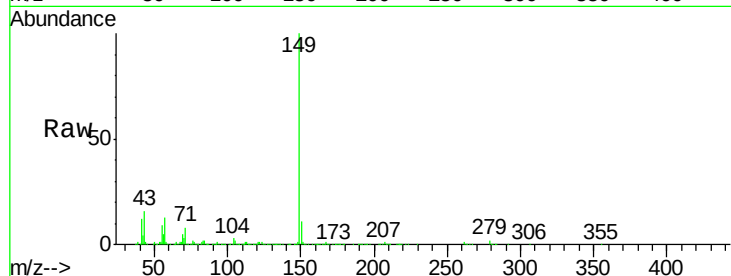
#84
Di-n-octyl phthalate
Concen: 49.28 ng
RT: 14.40 min Scan# 1086
Delta R.T. -0.02 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Instrument :
BNA_F
ClientSampleId :
MW-14A-111815MS

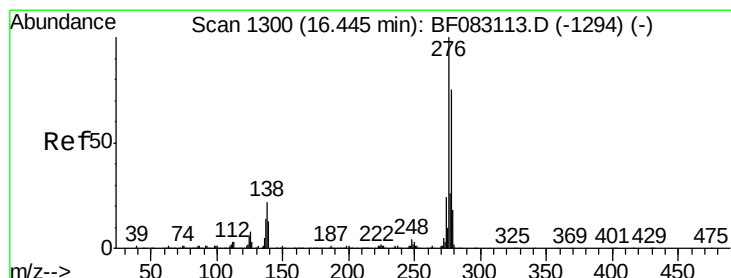
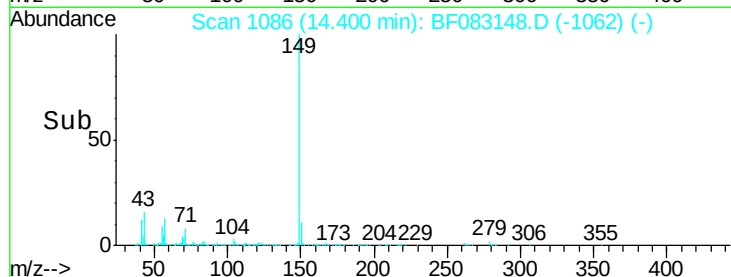
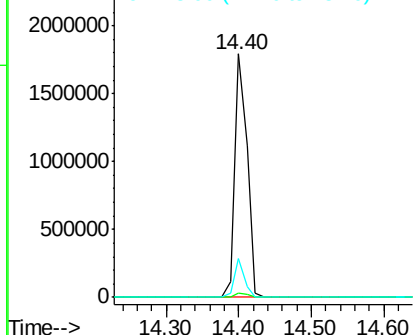
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	13.2	9.5	14.3

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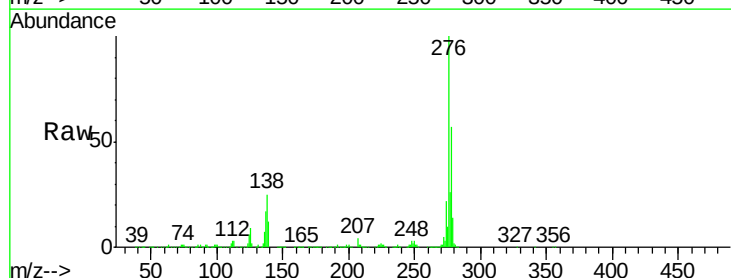


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

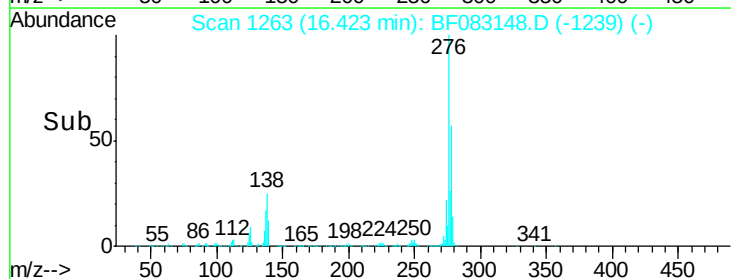
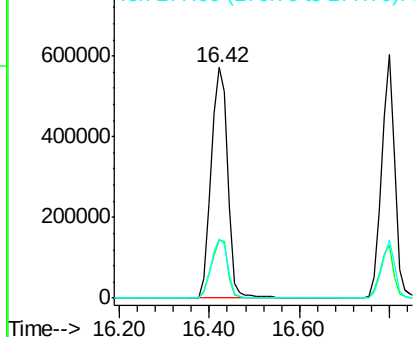


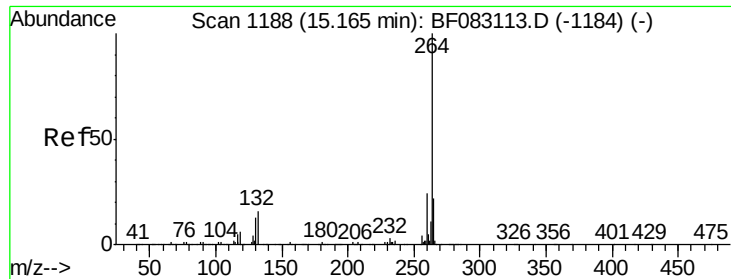
#85
Indeno(1,2,3-cd)pyrene
Concen: 47.91 ng
RT: 16.42 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.1	18.0	27.0
277	25.6	20.2	30.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.15 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Instrument :

BNA_F

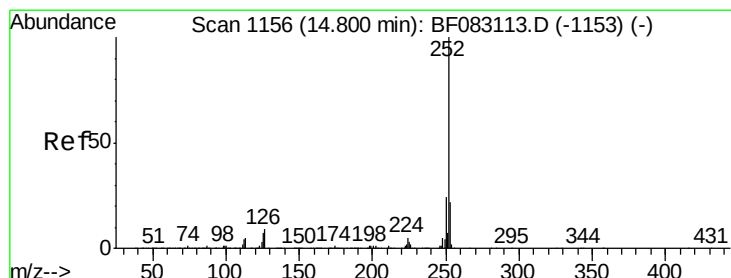
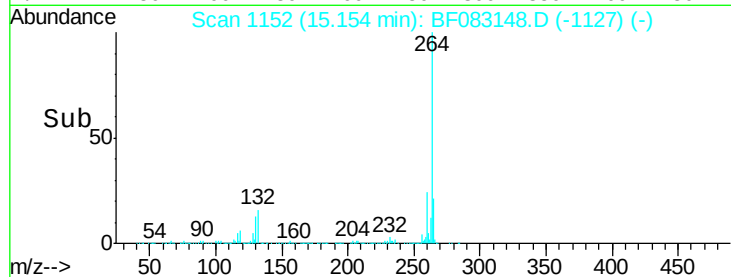
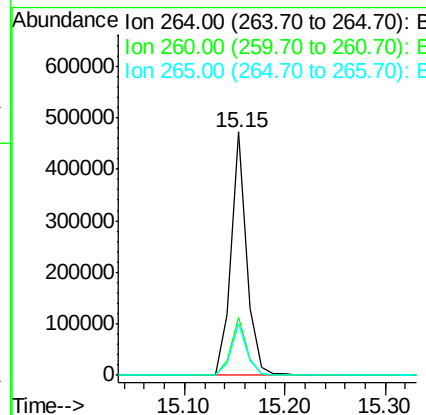
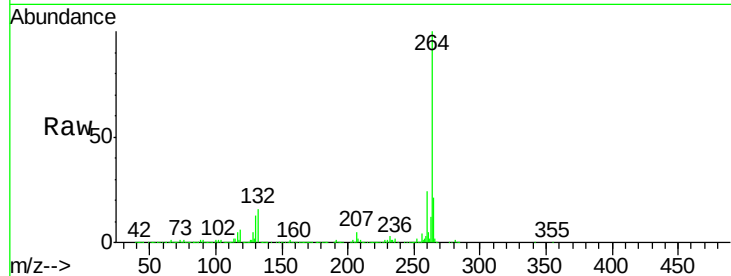
ClientSampleId :

MW-14A-111815MS

Tot Ion:	264	Resp:	511318
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.1	28.7
265	21.3	18.2	27.4

Manual Integrations
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#87

Benzo(b)fluoranthene

Concen: 48.02 ng m

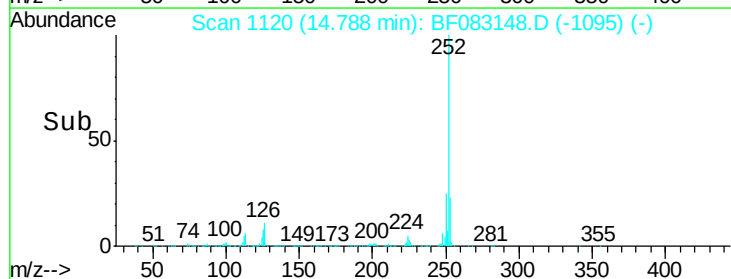
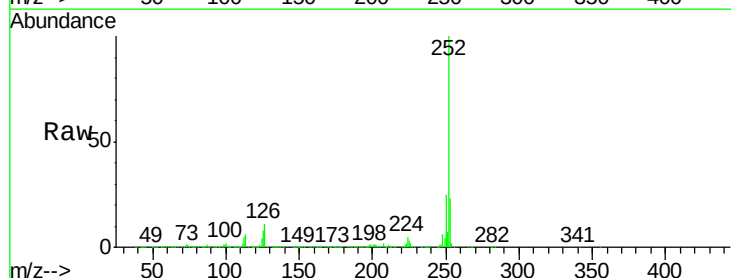
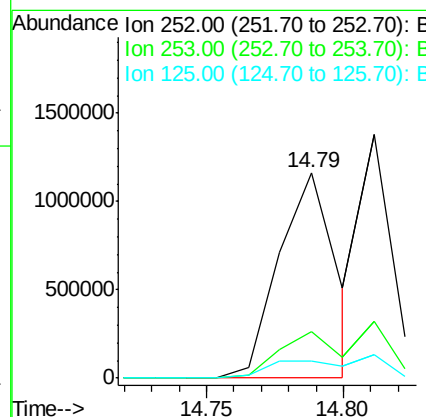
RT: 14.79 min Scan# 1120

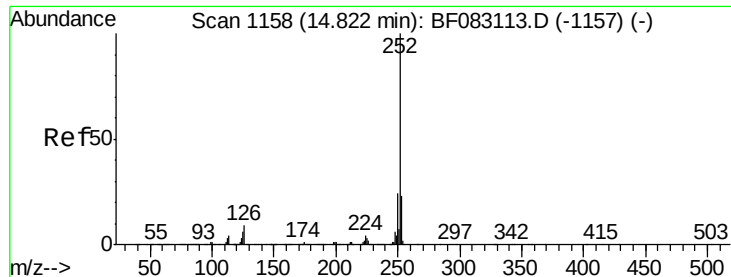
Delta R.T. -0.01 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Tgt Ion:	252	Resp:	1677603
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.7	26.5
125	8.4	5.6	8.4





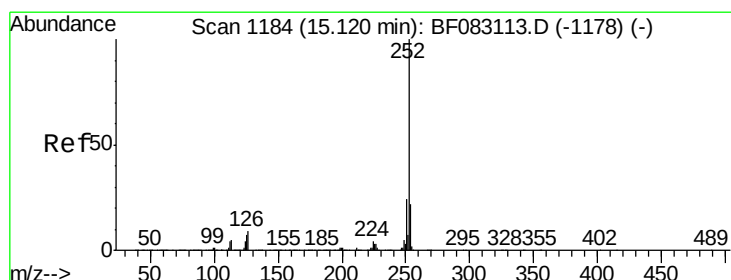
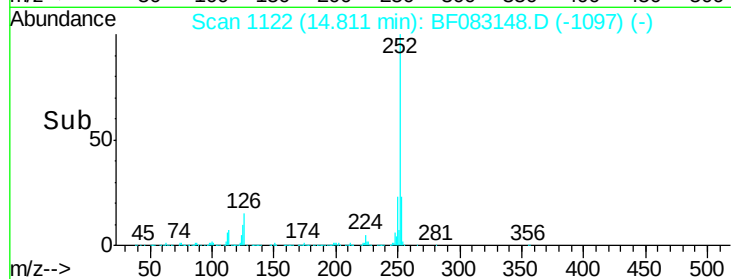
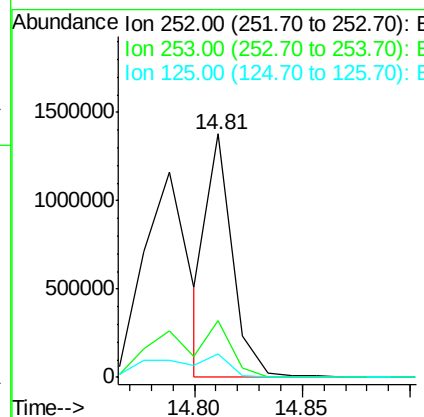
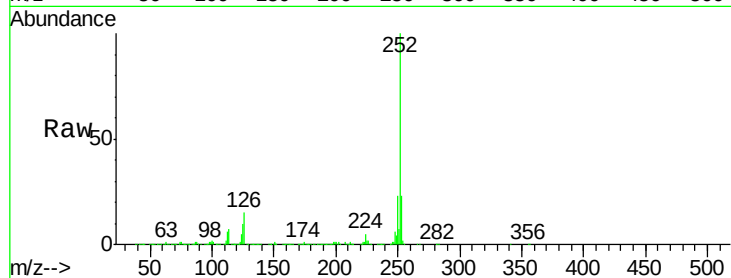
#88
Benzo(k)fluoranthene
Concen: 43.80 ng m
RT: 14.81 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Instrument :
BNA_F
ClientSampleId :
MW-14A-111815MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	9.7	6.8	10.2

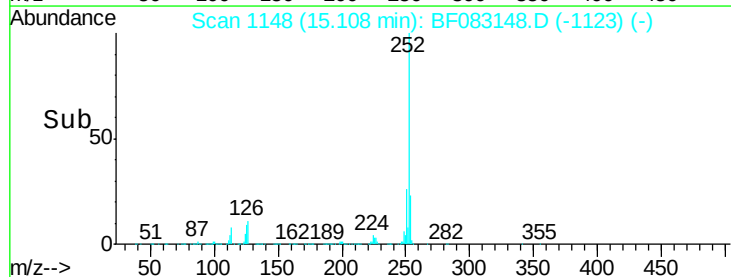
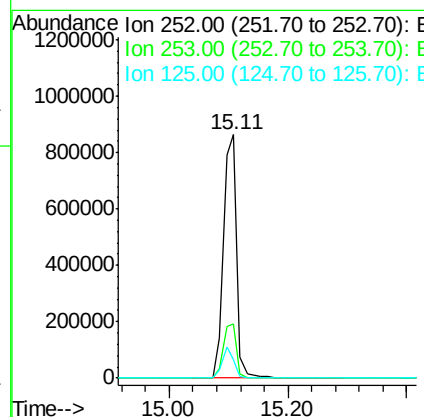
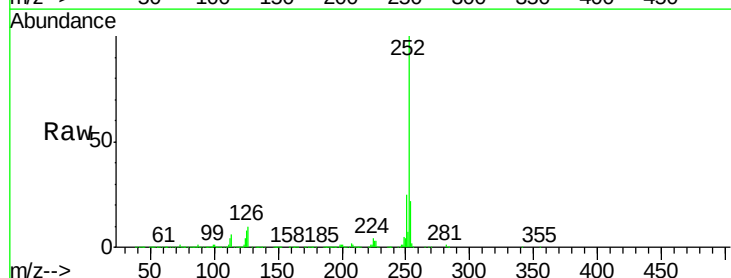
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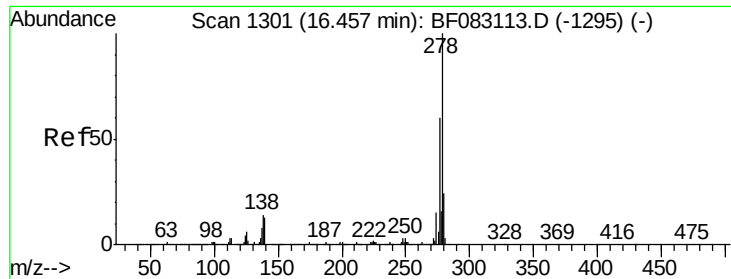
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11/23/2015 7:01:50 PM



#89
Benzo(a)pyrene
Concen: 45.51 ng
RT: 15.11 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	7.7	5.4	8.0





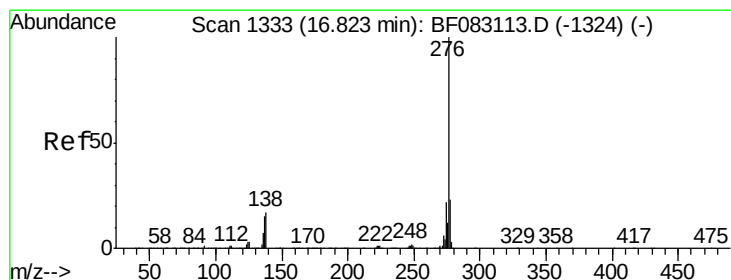
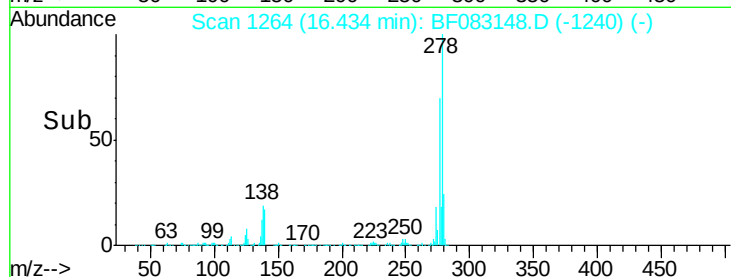
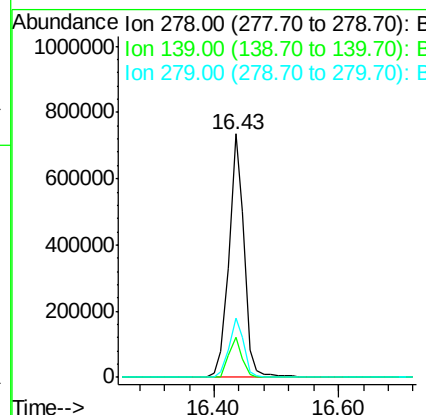
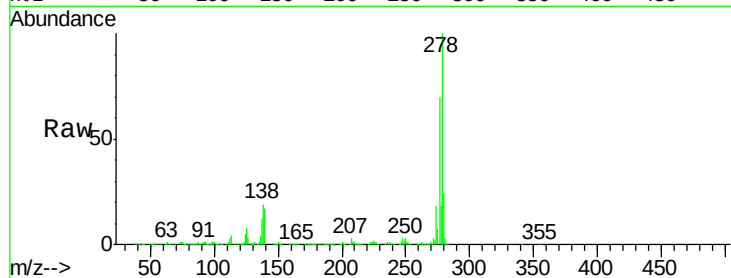
#90
Dibenzo(a,h)anthracene
Concen: 47.18 ng
RT: 16.43 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Instrument :
BNA_F
ClientSampleId :
MW-14A-111815MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.7	10.7	16.1#
279	24.3	19.3	28.9

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#91
Benzo(g,h,i)perylene
Concen: 48.03 ng
RT: 16.80 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.7	28.1
138	21.6	13.9	20.9#

