

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121715\
 Data File : BF083869.D
 Acq On : 17 Dec 2015 5:52
 Operator : UM/SJ
 Sample : G4775-16MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-A-20150872MSD

Manual Integrations
 APPROVED

MMdadoda
 12/17/2015 5:35:03 PM

Quant Time: Dec 17 08:19:30 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	121975	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	497701	20.00	ng	-0.03
38) Acenaphthene-d10	9.94	164	250740	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	445411	20.00	ng	-0.03
75) Chrysene-d12	14.05	240	303478	20.00	ng	-0.02
86) Perylene-d12	15.49	264	260000	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	687737	90.96	ng	0.00
7) Phenol-d6	6.53	99	773606	80.80	ng	-0.01
23) Nitrobenzene-d5	7.46	82	551603	62.01	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	247516	96.88	ng	-0.02
44) 2-Fluorobiphenyl	9.25	172	1058423	56.12	ng	-0.03
78) Terphenyl-d14	13.00	244	970989	68.82	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.69	88	86032	23.53	ng	# 68
3) Pyridine	3.41	79	145636	15.83	ng	# 80
4) n-Nitrosodimethylamine	3.33	42	98849	28.40	ng	# 63
6) Aniline	6.56	93	57361	4.41	ng	# 1
8) 2-Chlorophenol	6.68	128	279032	31.41	ng	90
9) Benzaldehyde	6.44	77	57829	11.25	ng	82
10) Phenol	6.54	94	242937	22.04	ng	89
11) bis(2-Chloroethyl)ether	6.64	93	290482	36.40	ng	# 83
12) 1,3-Dichlorobenzene	6.84	146	289090m	30.66	ng	
13) 1,4-Dichlorobenzene	6.91	146	283379	29.74	ng	98
14) 1,2-Dichlorobenzene	7.07	146	282104	32.95	ng	97
15) Benzyl Alcohol	7.04	79	226893	32.26	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	270354	26.09	ng	73
17) 2-Methylphenol	7.15	107	226896	31.76	ng	# 86
18) Hexachloroethane	7.41	117	105685	31.23	ng	97
19) n-Nitroso-di-n-propylamine	7.31	70	176435	30.09	ng	90
20) 3+4-Methylphenols	7.31	107	274774	32.58	ng	# 66
22) Acetophenone	7.31	105	380849	31.19	ng	# 99
24) Nitrobenzene	7.48	77	303528	32.78	ng	# 75
25) Isophorone	7.72	82	549376	31.48	ng	# 91
26) 2-Nitrophenol	7.79	139	143812	32.33	ng	# 88
27) 2,4-Dimethylphenol	7.84	122	252176	28.85	ng	95
28) bis(2-Chloroethoxy)methane	7.93	93	311563	31.28	ng	# 97
29) 2,4-Dichlorophenol	8.04	162	251393	35.04	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	238363	32.04	ng	95
31) Naphthalene	8.20	128	1045741	40.31	ng	98
32) Benzoic acid	7.97	122	152738	28.04	ng	# 82
33) 4-Chloroaniline	8.26	127	38157	3.60	ng	# 85
34) Hexachlorobutadiene	8.33	225	141477	34.65	ng	97
35) Caprolactam	8.62	113	62607m	27.17	ng	
36) 4-Chloro-3-methylphenol	8.74	107	275079	32.78	ng	90
37) 2-Methylnaphthalene	8.90	142	618569	37.98	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	222150	30.03	ng	# 100
40) Hexachlorocyclopentadiene	9.05	237	161902	43.19	ng	99

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 QLast Update : Mon Dec 14 01:30:12 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	165665	30.60	nq	97
43) 2,4,5-Trichlorophenol	9.22	196	171976	33.49	nq	97
45) 1,1'-Biphenyl	9.36	154	649457	29.23	nq	97
46) 2-Chloronaphthalene	9.38	162	496651	30.28	nq	# 90
47) 2-Nitroaniline	9.47	65	141558	30.43	nq	# 86
48) Acenaphthylene	9.80	152	870372	31.54	nq	99
49) Dimethylphthalate	9.66	163	687399	35.16	nq	99
50) 2,6-Dinitrotoluene	9.72	165	153302	36.95	nq	# 70
51) Acenaphthene	9.97	154	652834	39.13	nq	99
52) 3-Nitroaniline	9.88	138	42321	8.85	nq	79
53) 2,4-Dinitrophenol	10.00	184	128092	63.94	nq	# 83
54) Dibenzofuran	10.14	168	816107	36.92	nq	94
55) 4-Nitrophenol	10.05	139	161596	45.63	nq	85
56) 2,4-Dinitrotoluene	10.12	165	167841	30.97	nq	# 86
57) Fluorene	10.49	166	609558	35.02	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.26	232	134381	34.88	nq	# 100
59) Diethylphthalate	10.36	149	651493	32.92	nq	100
60) 4-Chlorophenyl-phenylether	10.48	204	268121	33.78	nq	97
61) 4-Nitroaniline	10.50	138	114652	27.19	nq	88
62) Azobenzene	10.64	77	629893	34.92	nq	92
64) 4,6-Dinitro-2-methylphenol	10.53	198	87785	34.64	nq	# 81
65) n-Nitrosodiphenylamine	10.59	169	489934	32.16	nq	99
66) 4-Bromophenyl-phenylether	10.97	248	175608	35.26	nq	93
67) Hexachlorobenzene	11.04	284	192045	35.64	nq	# 90
68) Atrazine	11.13	200	152869	35.27	nq	95
69) Pentachlorophenol	11.23	266	194443	63.97	nq	99
70) Phenanthrene	11.45	178	898999	37.99	nq	100
71) Anthracene	11.49	178	753807	30.67	nq	99
72) Carbazole	11.64	167	710850	31.05	nq	# 95
73) Di-n-butylphthalate	11.98	149	1015322	36.51	nq	99
74) Fluoranthene	12.62	202	761851	31.16	nq	97
76) Benzidine	12.74	184	21775	2.35	nq	94
77) Pyrene	12.85	202	757570	31.58	nq	99
79) Butylbenzylphthalate	13.47	149	359228	34.89	nq	98
80) Benzo(a)anthracene	14.04	228	553543	32.08	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	80523	12.94	nq	# 98
82) Chrysene	14.08	228	488515	29.02	nq	99
83) Bis(2-ethylhexyl)phthalate	14.03	149	457746	39.07	nq	# 95
84) Di-n-octyl phthalate	14.65	149	756431	40.63	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.93	276	607202	36.73	nq	# 100
87) Benzo(b)fluoranthene	15.08	252	556736m	33.56	nq	
88) Benzo(k)fluoranthene	15.11	252	458275m	30.49	nq	
89) Benzo(a)pyrene	15.44	252	500954	33.84	nq	98
90) Dibenzo(a,h)anthracene	16.95	278	505784	34.36	nq	98
91) Benzo(g,h,i)perylene	17.37	276	512731	33.89	nq	99

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

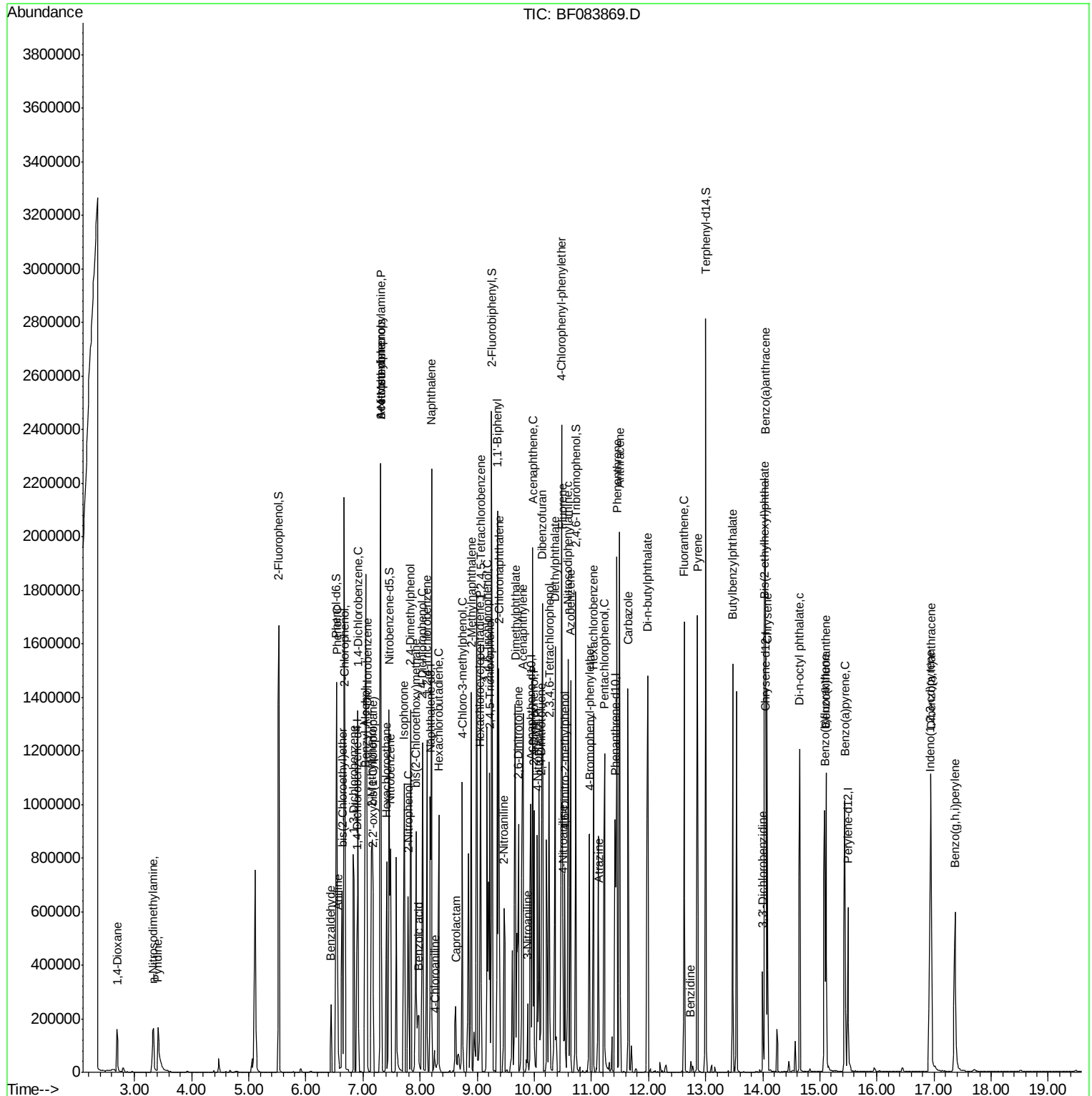
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF121715\  
Data File : BF083869.D  
Acq On    : 17 Dec 2015    5:52  
Operator  : UM/SJ  
Sample    : G4775-16MSD  
Misc      :  
ALS Vial  : 28    Sample Multiplier: 1
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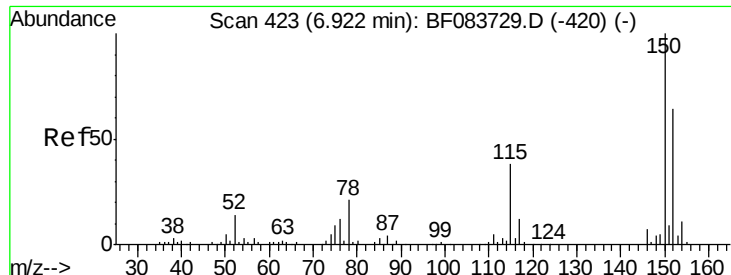
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-A-20150872MSD

Manual Integrations

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12/17/2015 5:35:03 PM

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QLast Update : Mon Dec 14 01:30:12 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF083869.D

Acq: 17 Dec 2015 5:52

Instrument :

BNA_F

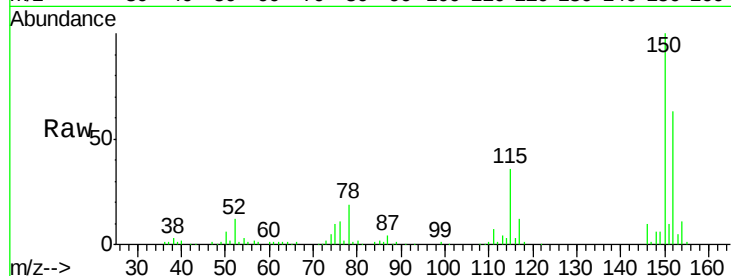
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COMPOSITE-A-20150872MSD

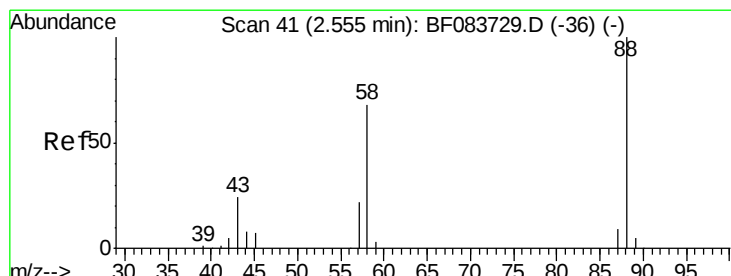
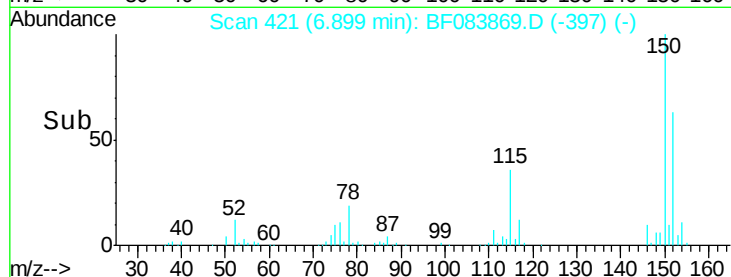
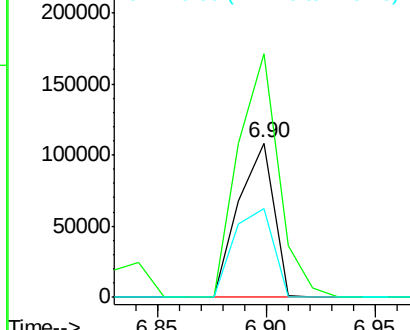
Tot Ion:	152	Resp:	121975
Ion Ratio	Lower	Upper	
152	100		
150	157.6	126.5	189.7
115	57.3	52.3	78.5

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



#2

1,4-Dioxane

Concen: 23.53 ng

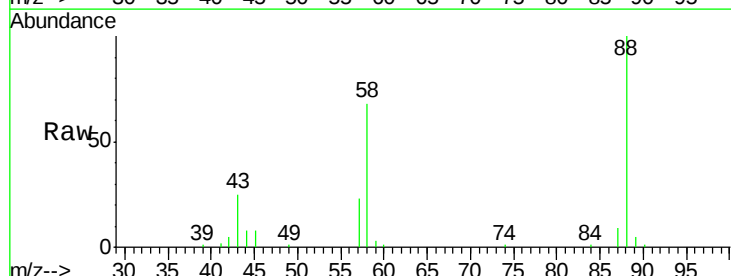
RT: 2.69 min Scan# 53

Delta R.T. 0.13 min

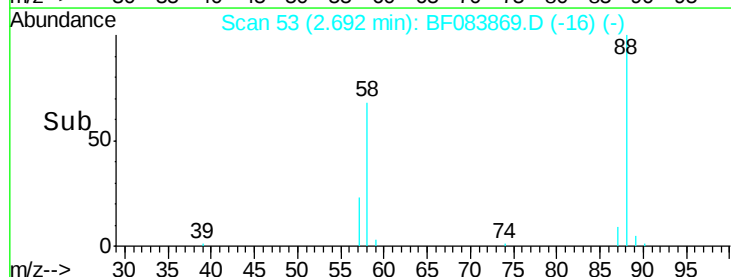
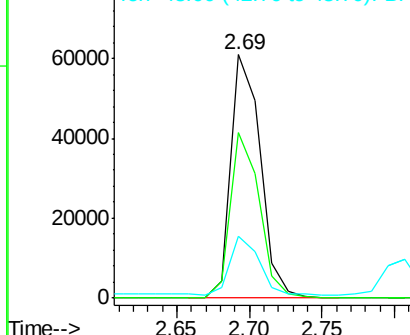
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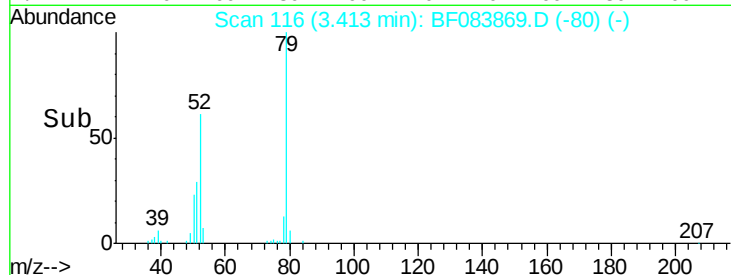
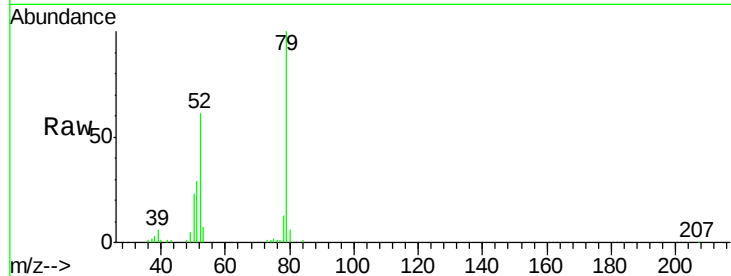
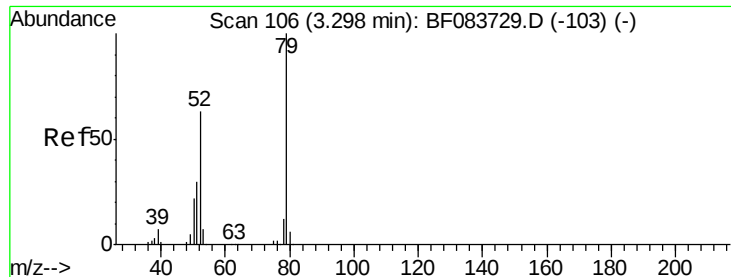
Acq: 17 Dec 2015 5:52

Tgt Ion:	88	Resp:	86032
Ion Ratio	Lower	Upper	
88	100		
58	66.7	68.0	102.0#
43	0.0	27.9	41.9#



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





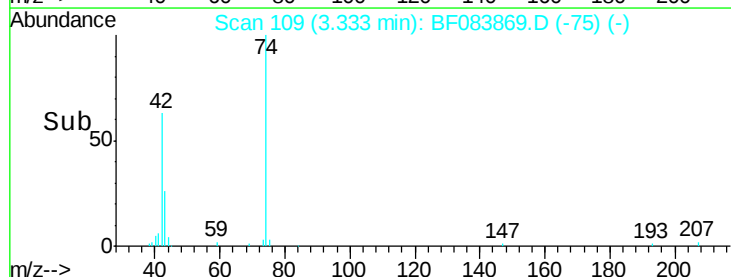
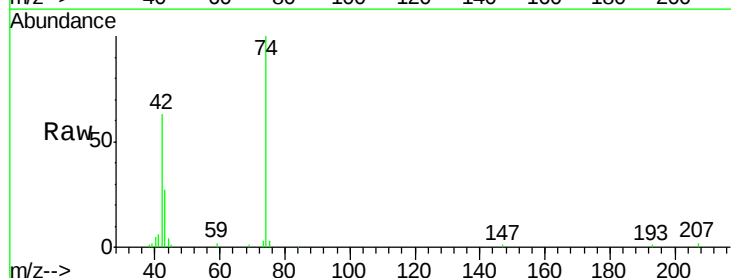
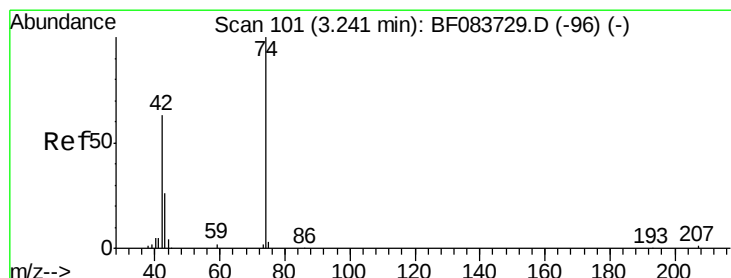
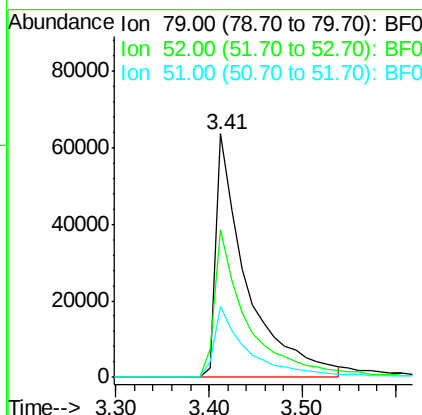
#3
 Pvridine
 Concen: 15.83 ng
 RT: 3.41 min Scan# 116
 Delta R.T. 0.11 min
 Lab File: BF083869.D
 Acq: 17 Dec 2015 5:52

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	145636		
52	52	60.6		63.7	95.5#
51	51	29.0		30.6	45.8#

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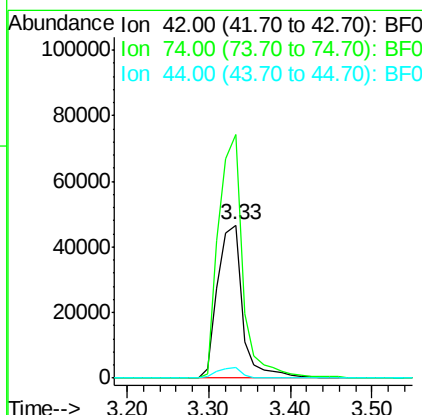
Manual Integrations
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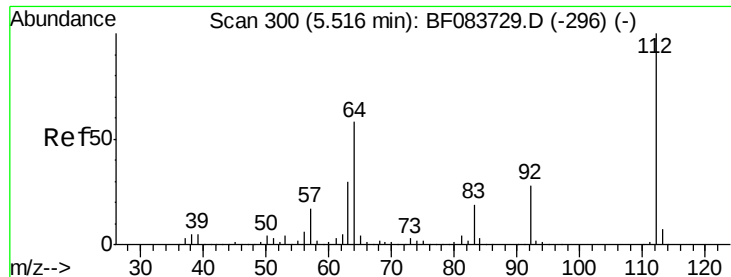
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#4
 n-Nitrosodimethylamine
 Concen: 28.40 ng
 RT: 3.33 min Scan# 109
 Delta R.T. 0.09 min
 Lab File: BF083869.D
 Acq: 17 Dec 2015 5:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	98849		
74	74	159.2		92.9	139.3#
44	44	6.9		5.7	8.5





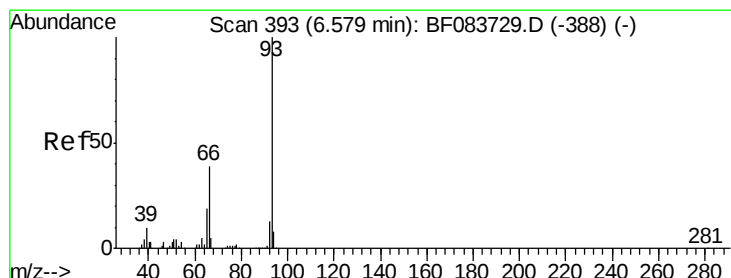
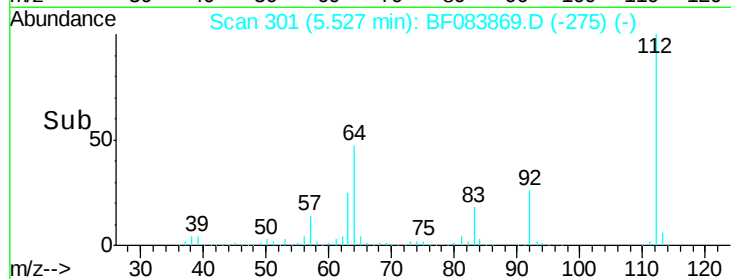
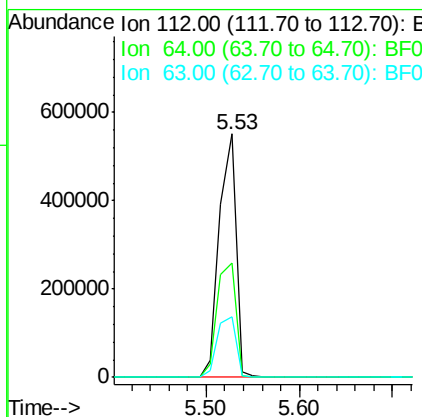
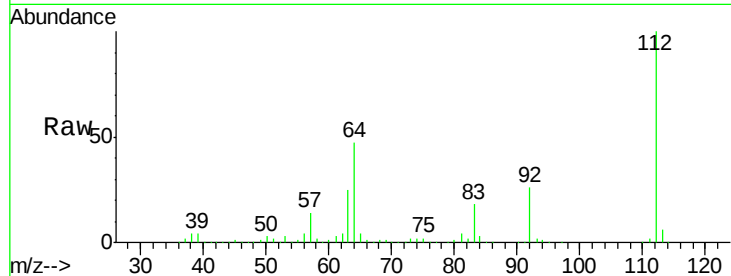
#5
2-Fluorophenol
Concen: 90.96 ng
RT: 5.53 min Scan# 301
Delta R.T. 0.00 min
Lab File: BF083869.D
Acq: 17 Dec 2015 5:52

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	46.9	50.5	75.7#
63	24.9	25.8	38.6#

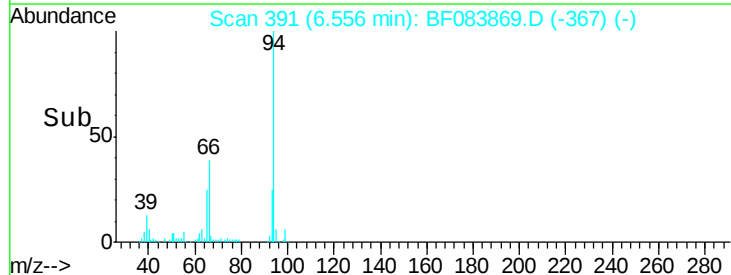
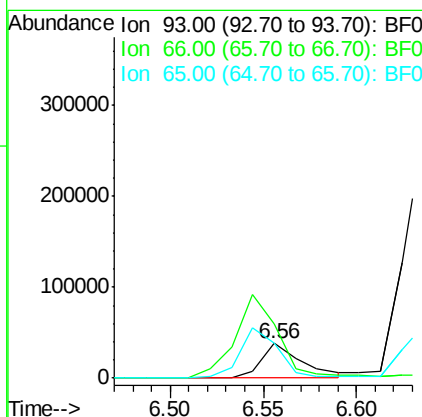
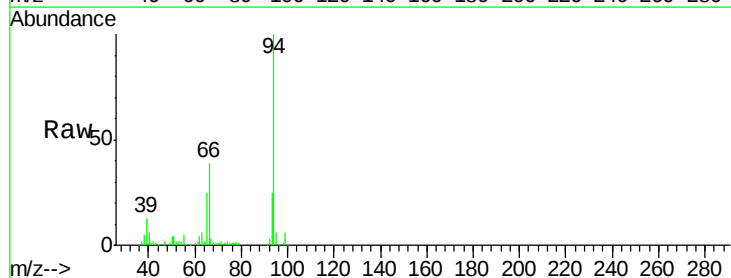
Manual Integrations
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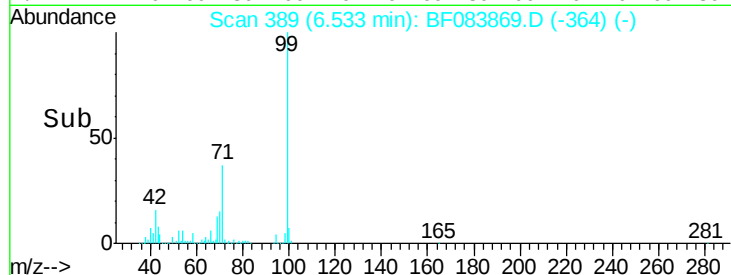
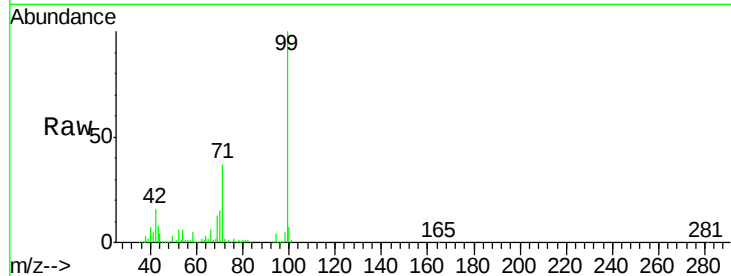
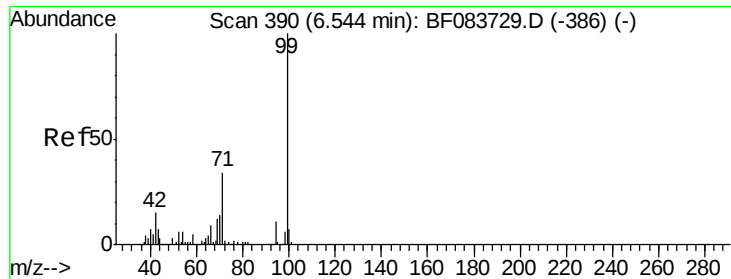
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#6
Aniline
Concen: 4.41 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.02 min
Lab File: BF083869.D
Acq: 17 Dec 2015 5:52

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	156.0	41.3	61.9#
65	101.1	20.8	31.2#





#7

Phenol-d6

Concen: 80.80 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF083869.D

Acq: 17 Dec 2015 5:52

Tot Ion:	99	Resp:	773606
Ion Ratio	Lower	Upper	
99	100		
42	15.7	17.3	25.9#
71	36.8	26.6	40.0

Instrument :

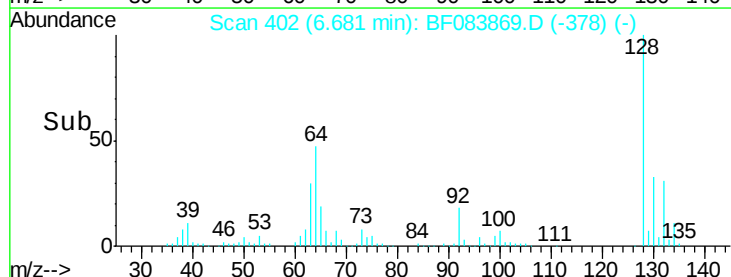
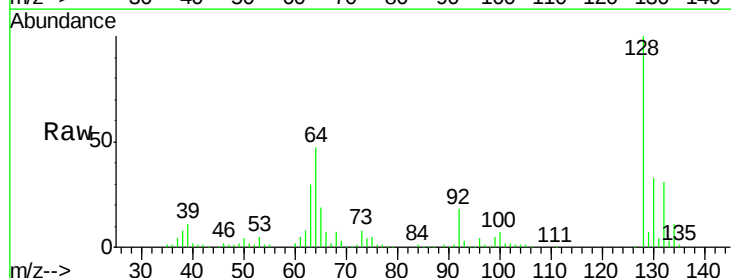
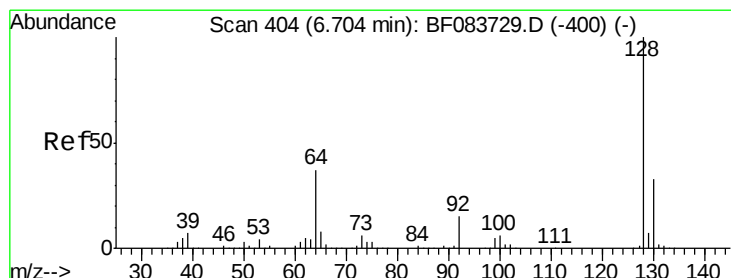
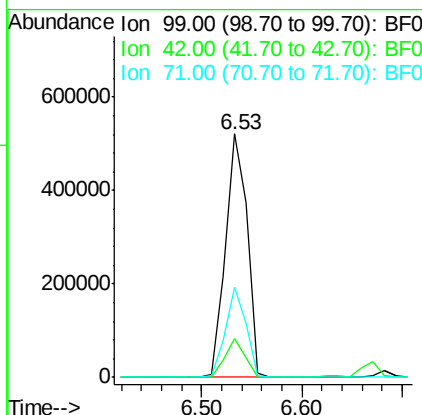
BNA_F

ClientSampleId :

COMPOSITE-A-20150872MSD

Manual Integrations
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#8

2-Chlorophenol

Concen: 31.41 ng

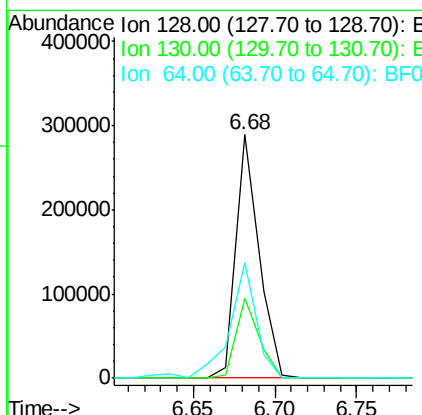
RT: 6.68 min Scan# 402

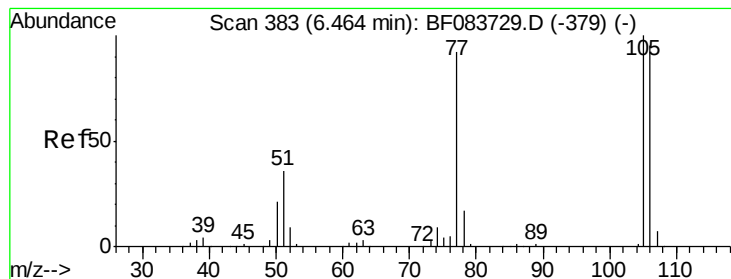
Delta R.T. -0.02 min

Lab File: BF083869.D

Acq: 17 Dec 2015 5:52

Tgt Ion:	128	Resp:	279032
Ion Ratio	Lower	Upper	
128	100		
130	32.8	12.6	52.6
64	47.4	38.6	78.6





#9

Benzaldehyde

Concen: 11.25 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF083869.D

Acq: 17 Dec 2015 5:52

Instrument :

BNA_F

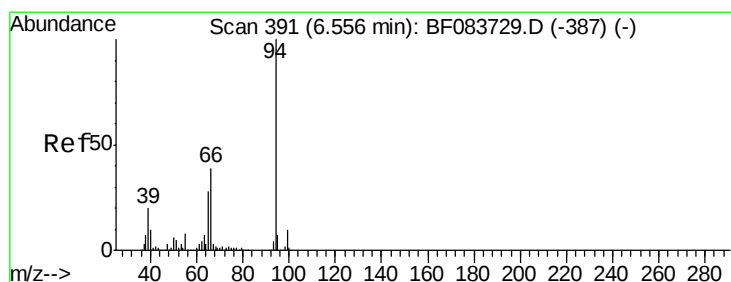
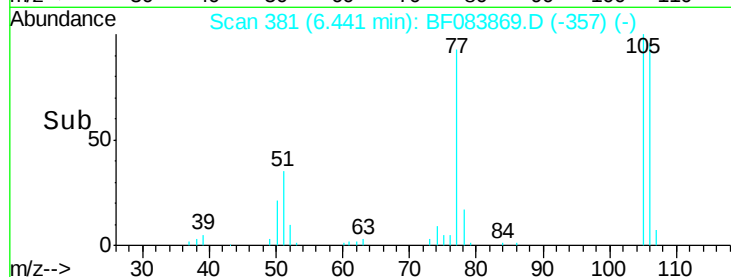
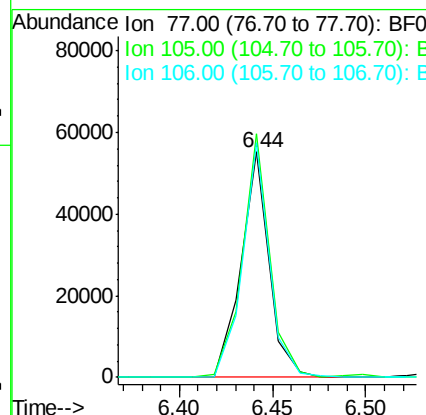
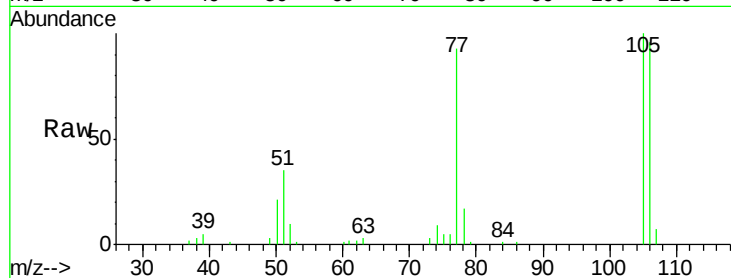
ClientSampleId :

COMPOSITE-A-20150872MSD

Tot Ion:	77	Resp:	57829
Ion	Ratio	Lower	Upper
77	100		
105	108.1	71.8	111.8
106	104.0	66.8	106.8

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#10

Phenol

Concen: 22.04 ng

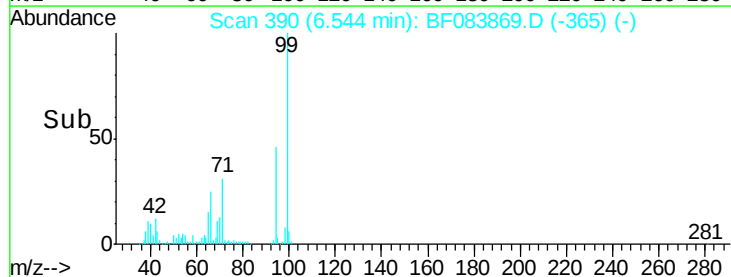
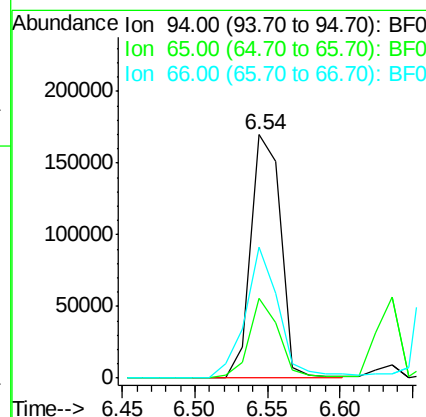
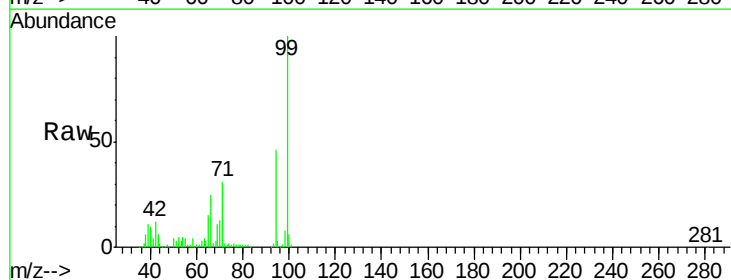
RT: 6.54 min Scan# 390

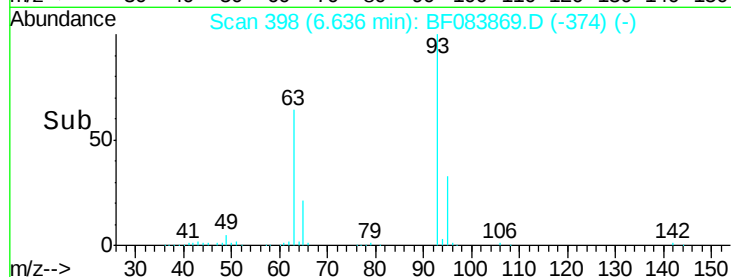
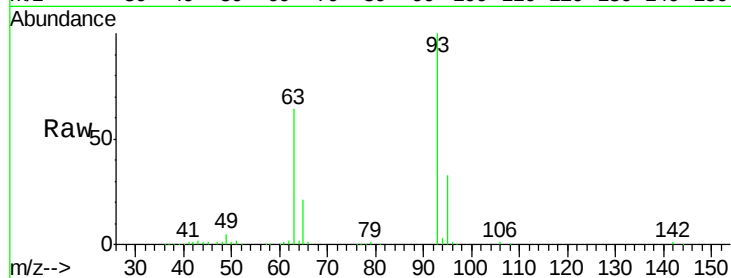
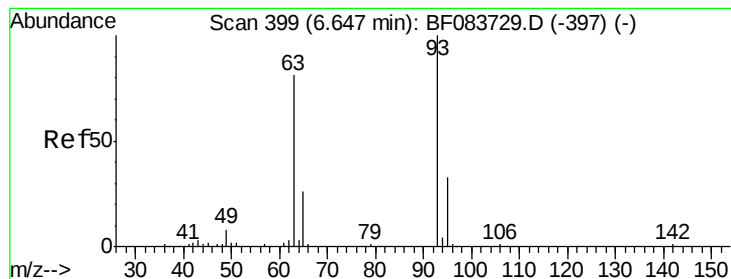
Delta R.T. -0.01 min

Lab File: BF083869.D

Acq: 17 Dec 2015 5:52

Tgt Ion:	94	Resp:	242937
Ion	Ratio	Lower	Upper
94	100		
65	33.0	20.9	60.9
66	53.9	41.6	81.6





#11

bis(2-Chloroethyl)ether

Concen: 36.40 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.02 min

Lab File: BF083869.D

Acq: 17 Dec 2015 5:52

Tot Ion:	93	Resp:	290482
Ion Ratio	Lower	Upper	
93	100		
63	63.6	64.7	104.7#
95	32.6	12.7	52.7

Instrument :

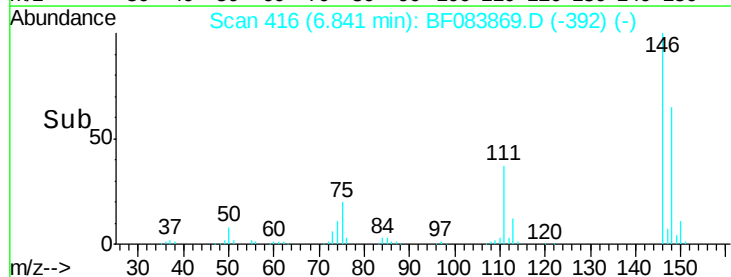
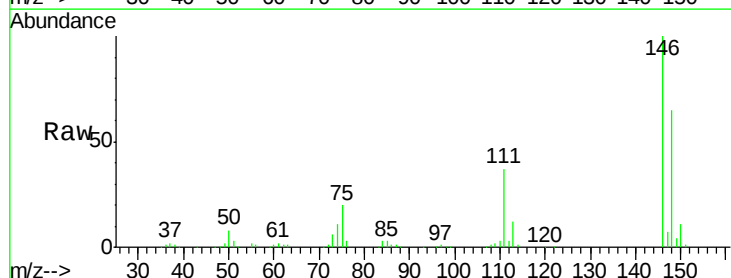
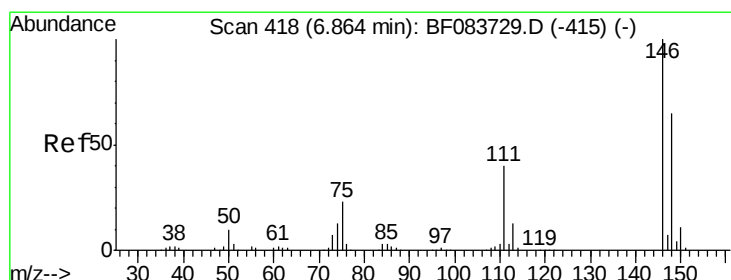
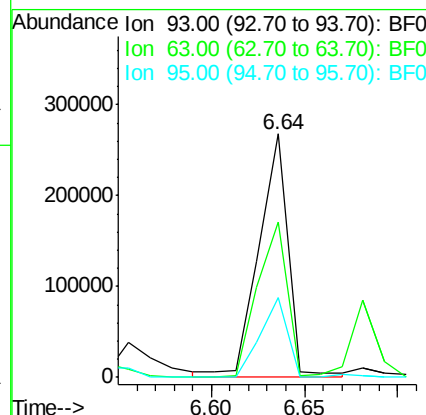
BNA_F

ClientSampleId :

COMPOSITE-A-20150872MSD

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#12

1,3-Dichlorobenzene

Concen: 30.66 ng m

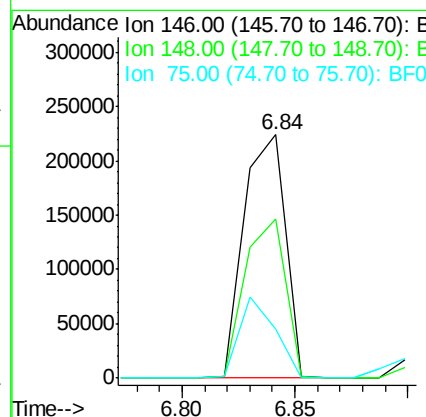
RT: 6.84 min Scan# 416

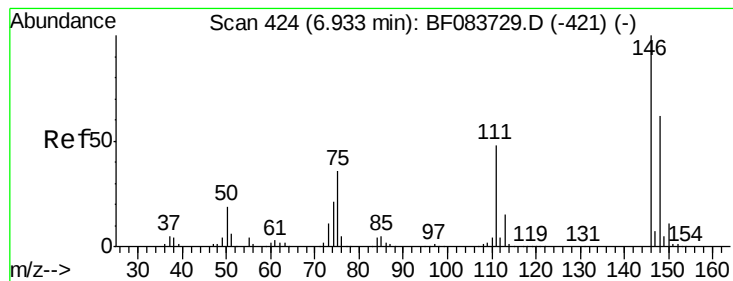
Delta R.T. -0.02 min

Lab File: BF083869.D

Acq: 17 Dec 2015 5:52

Tgt Ion:	146	Resp:	289090
Ion Ratio	Lower	Upper	
146	100		
148	65.1	51.3	76.9
75	20.3	24.1	36.1#





#13

1,4-Dichlorobenzene

Concen: 29.74 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.03 min

Lab File: BF083869.D

Acq: 17 Dec 2015 5:52

Instrument :

BNA_F

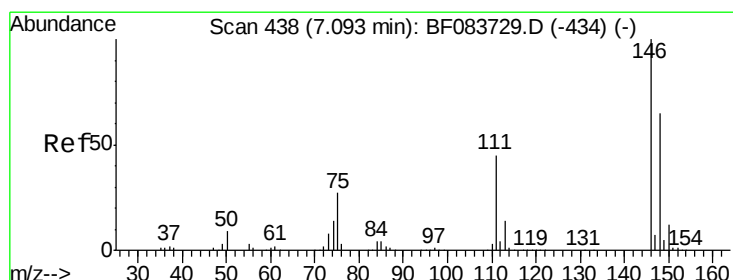
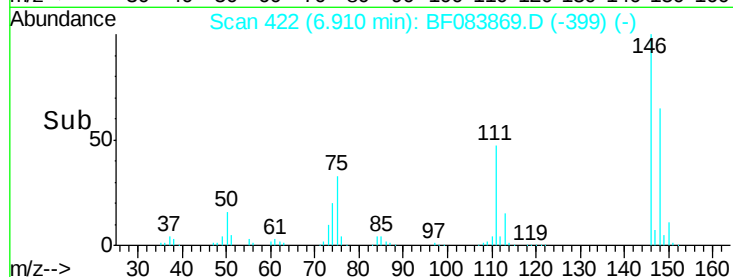
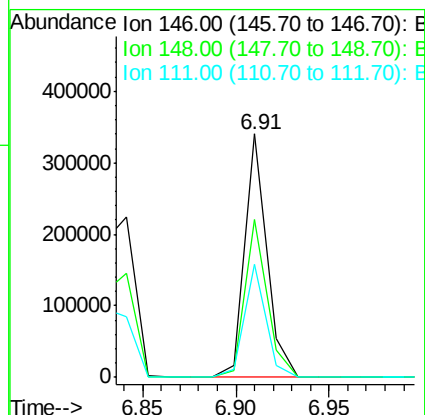
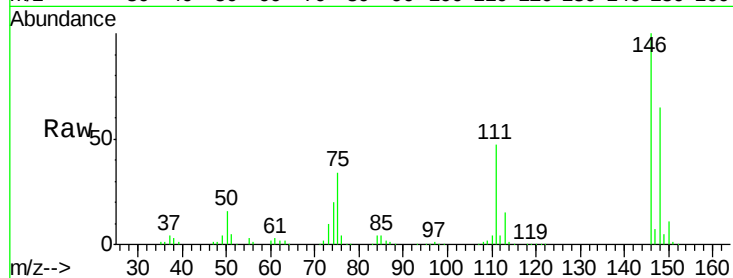
ClientSampleId :

COMPOSITE-A-20150872MSD

Tot Ion:	146	Resp:	283379
Ion Ratio	Lower	Upper	
146	100		
148	64.8	50.6	76.0
111	46.6	36.1	54.1

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 32.95 ng

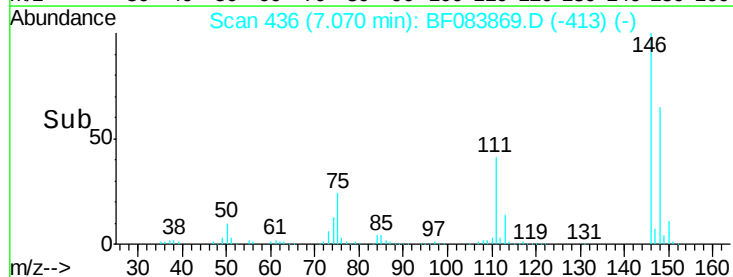
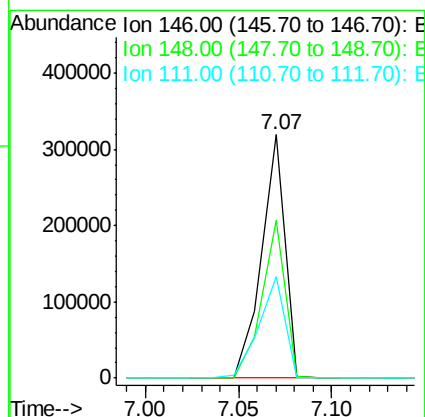
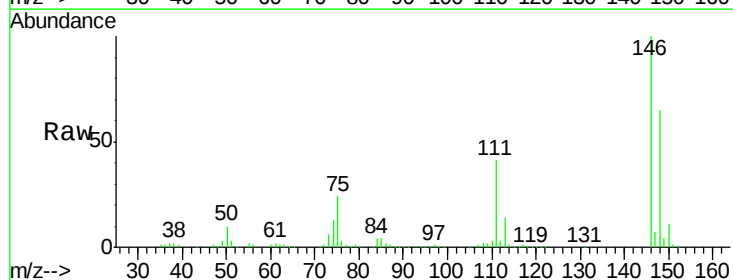
RT: 7.07 min Scan# 436

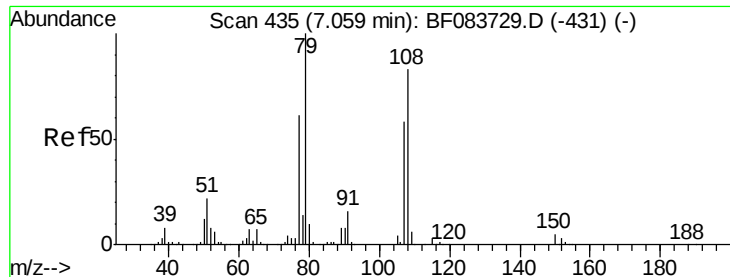
Delta R.T. -0.03 min

Lab File: BF083869.D

Acq: 17 Dec 2015 5:52

Tgt Ion:	146	Resp:	282104
Ion Ratio	Lower	Upper	
146	100		
148	64.9	51.4	77.0
111	41.5	36.7	55.1





#15

Benzyl Alcohol

Concen: 32.26 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.02 min

Lab File: BF083869.D

Acq: 17 Dec 2015 5:52

Instrument :

BNA_F

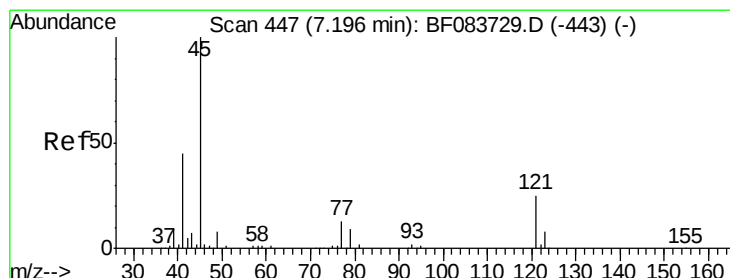
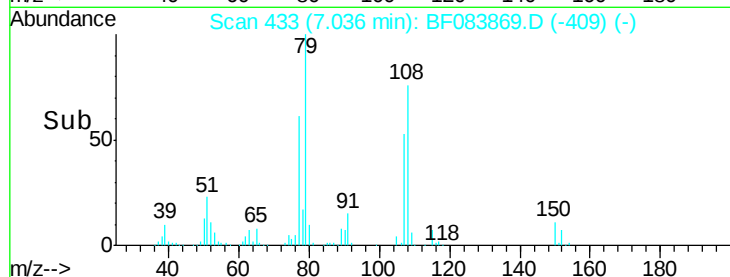
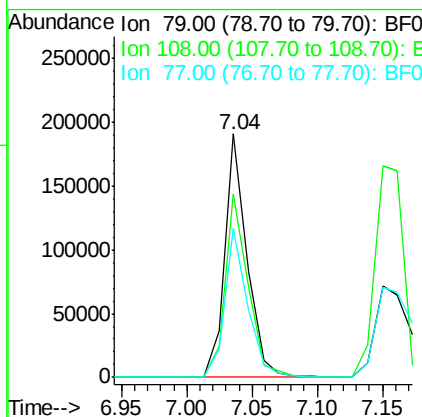
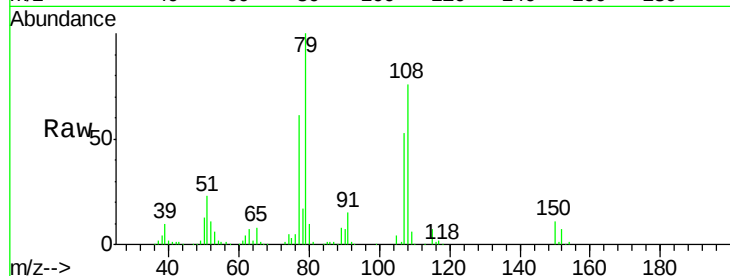
ClientSampleId :

COMPOSITE-A-20150872MSD

Tot Ion:	79	Resp:	226893
Ion Ratio	Lower	Upper	
79	100		
108	75.6	59.6	89.4
77	61.1	49.8	74.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 26.09 ng

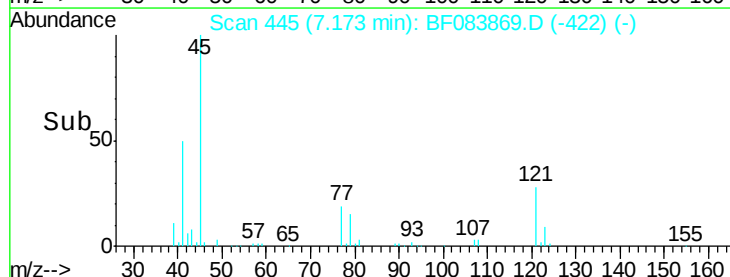
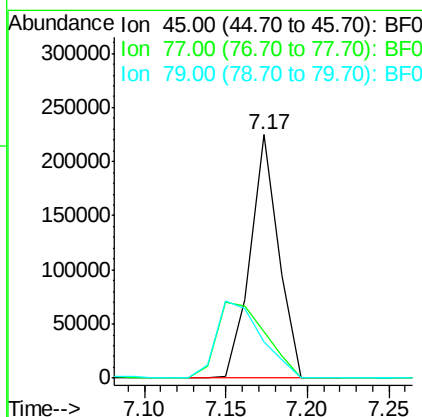
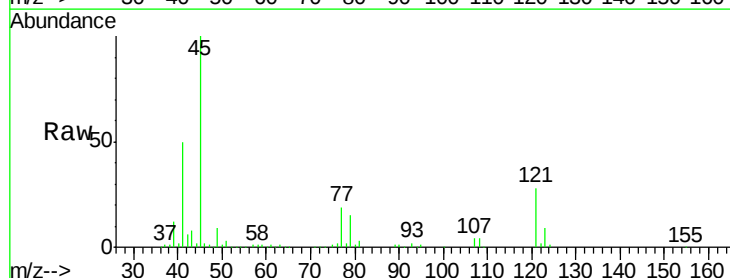
RT: 7.17 min Scan# 445

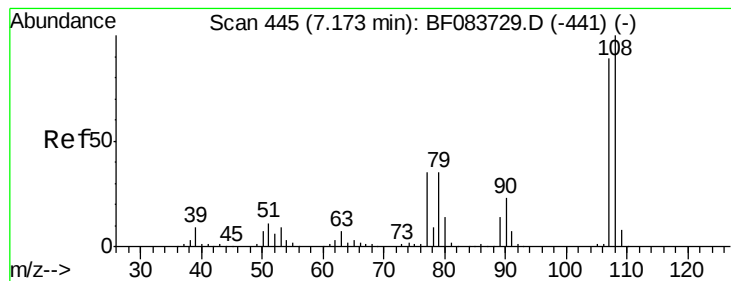
Delta R.T. -0.03 min

Lab File: BF083869.D

Acq: 17 Dec 2015 5:52

Tgt Ion:	45	Resp:	270354
Ion Ratio	Lower	Upper	
45	100		
77	18.9	12.8	52.8
79	14.8	10.7	50.7





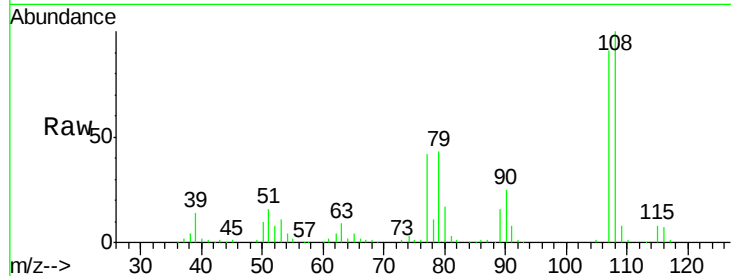
#17
2-Methylphenol
Concen: 31.76 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF083869.D
Acq: 17 Dec 2015 5:52

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-A-20150872MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.7	91.6	137.4	
77	46.5	53.7	80.5	
79	47.3	50.2	75.4	

Manual Integrations
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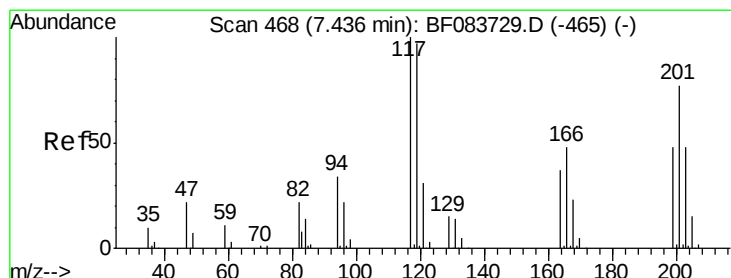
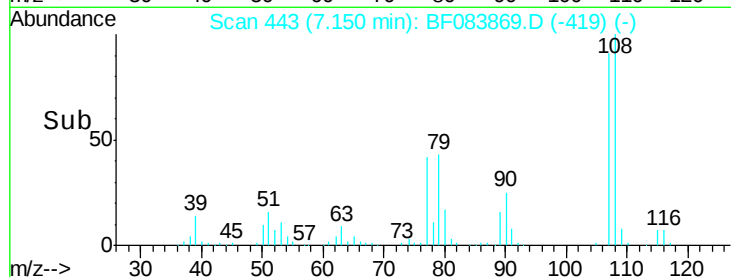
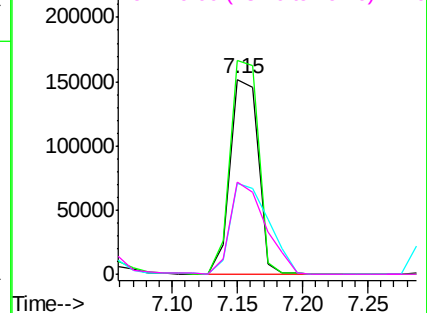
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

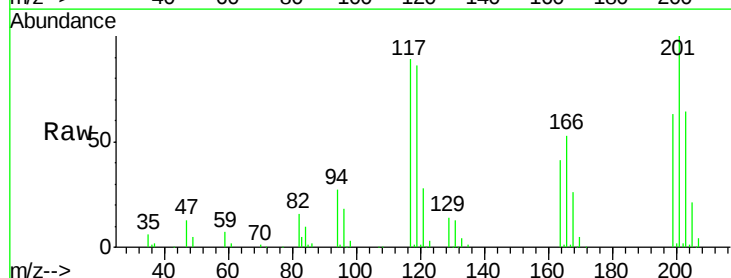
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 31.23 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.03 min
Lab File: BF083869.D
Acq: 17 Dec 2015 5:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.6	77.2	115.8	
201	112.9	86.8	130.2	

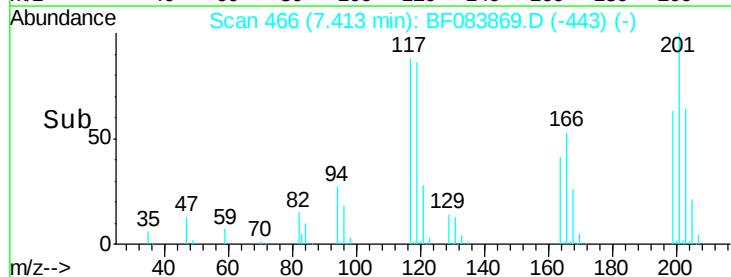
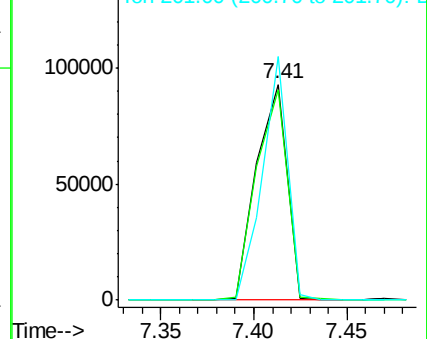


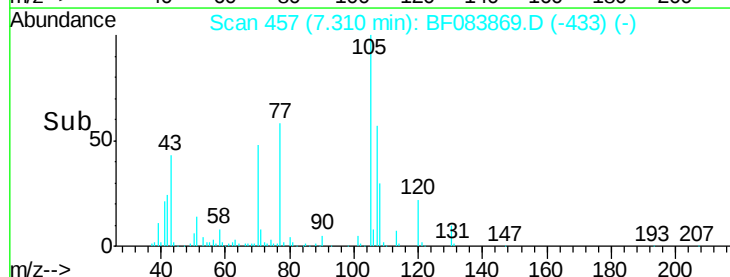
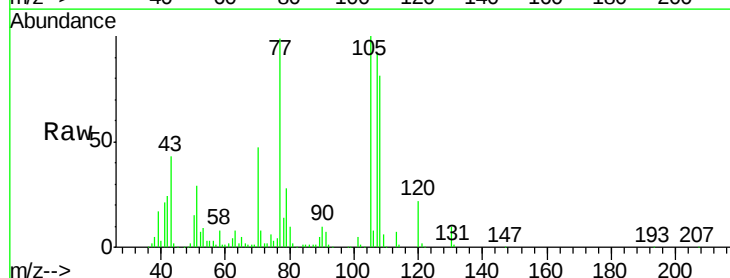
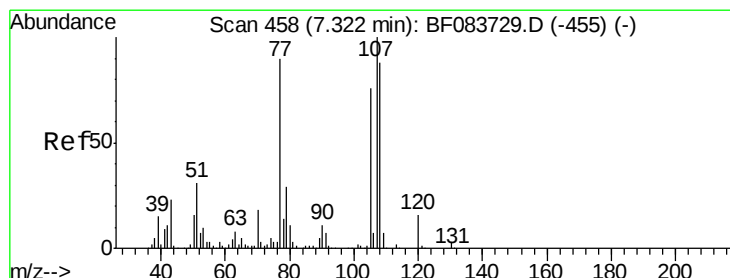
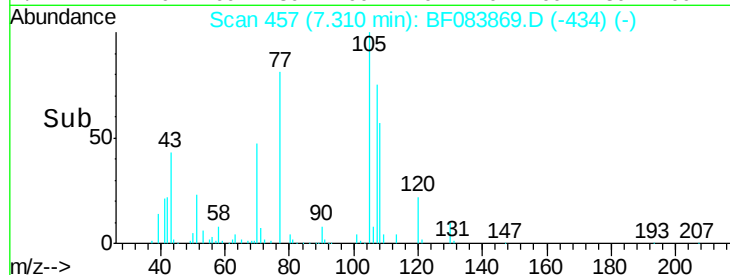
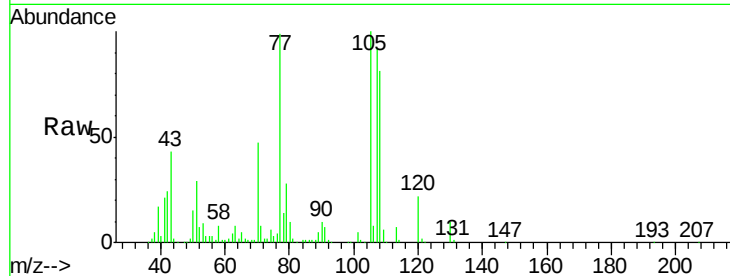
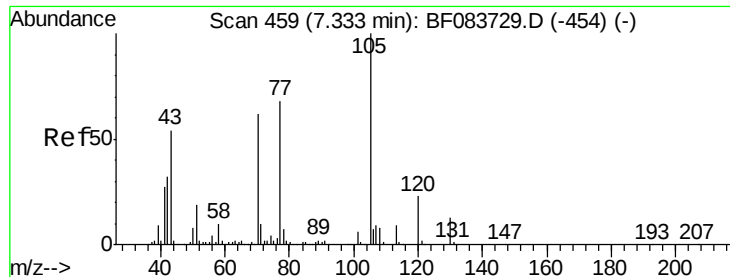
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





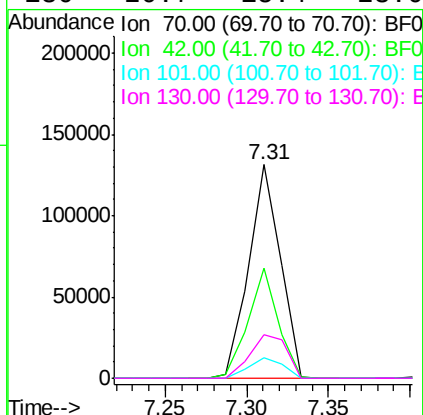
#19
n-Nitroso-di-n-propylamine
Concen: 30.09 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF083869.D
Acq: 17 Dec 2015 5:52

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-A-20150872MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	51.5	49.2	73.8
101	9.9	7.1	10.7
130	20.7	15.4	23.0

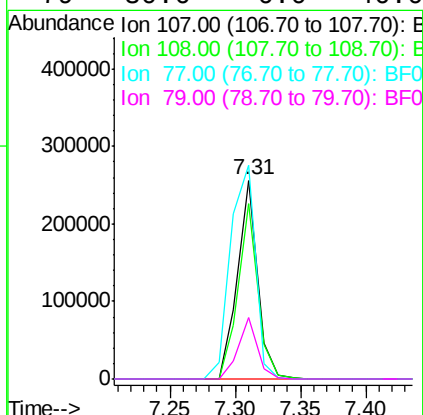
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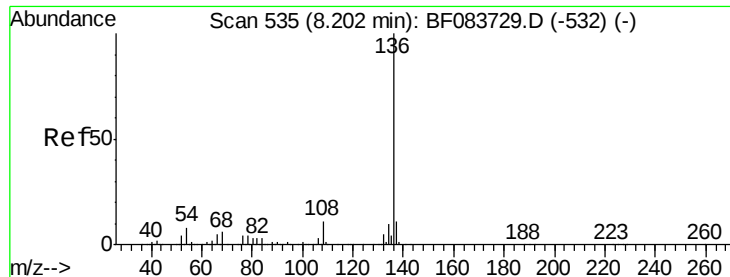
MMdadoda
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#20
3+4-Methylphenols
Concen: 32.58 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF083869.D
Acq: 17 Dec 2015 5:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.6	65.2	105.2
77	107.5	15.2	55.2#
79	30.6	6.0	46.0





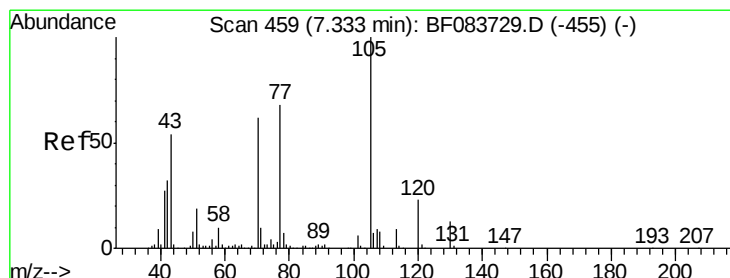
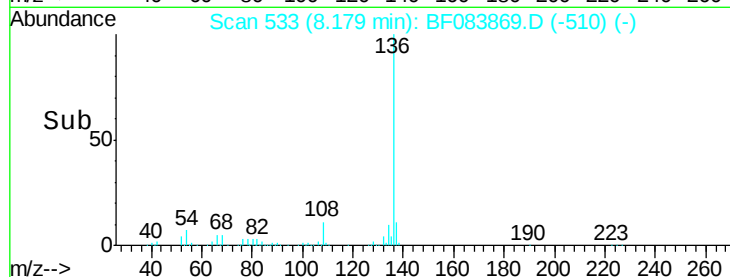
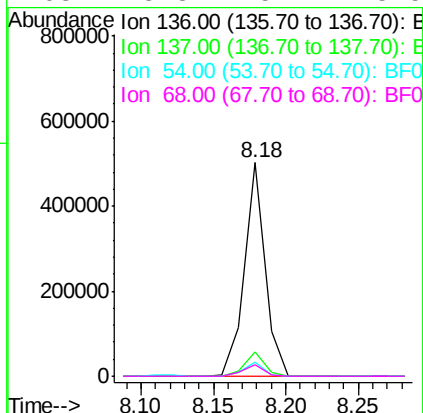
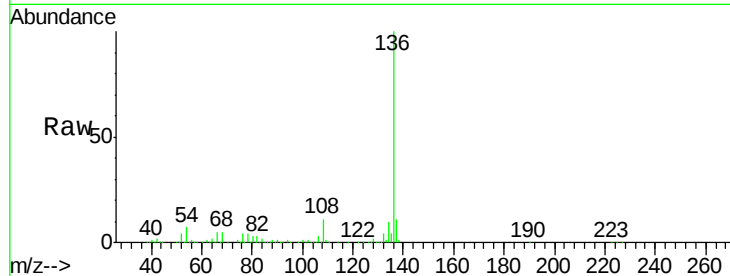
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF083869.D
Acq: 17 Dec 2015 5:52

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-A-20150872MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	497701		
137	11.3	8.7	13.1	
54	6.8	7.8	11.6	
68	5.3	5.7	8.5	

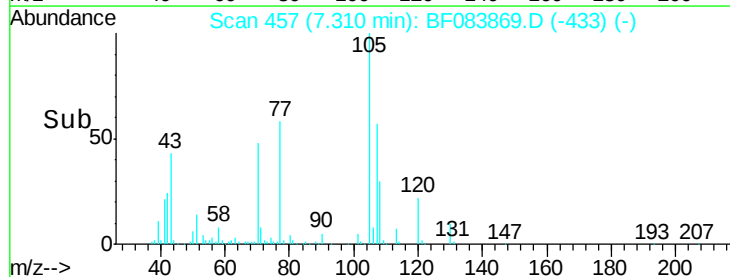
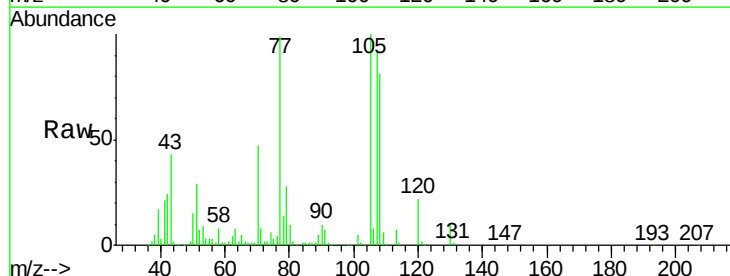
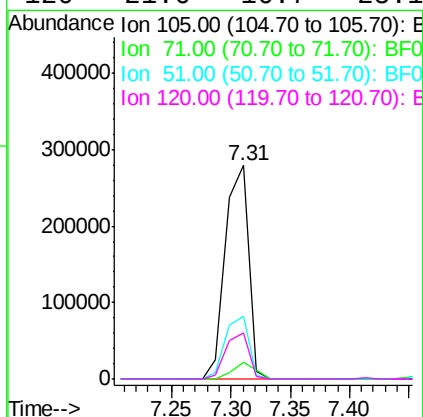
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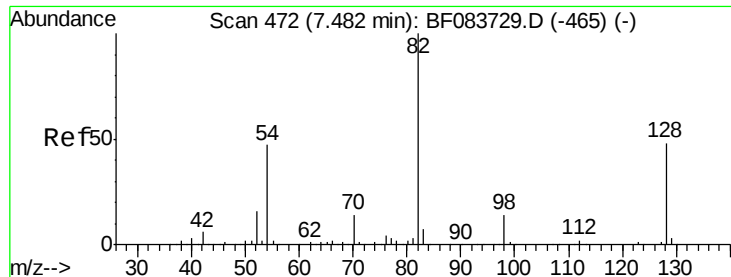
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#22
Acetophenone
Concen: 31.19 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF083869.D
Acq: 17 Dec 2015 5:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	380849		
71	7.6	1.3	1.9	
51	29.4	23.8	35.8	
120	21.6	16.7	25.1	





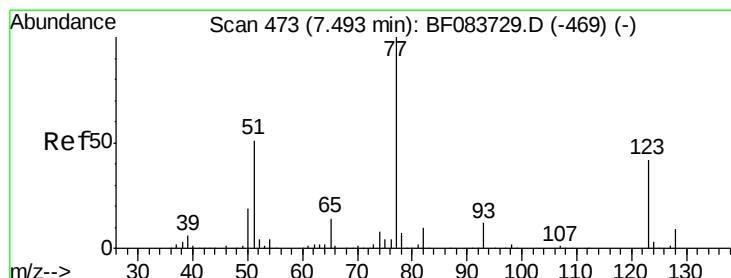
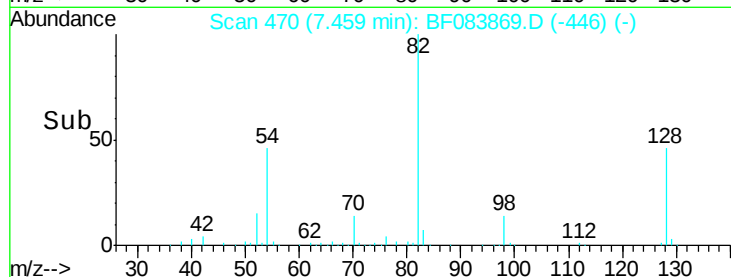
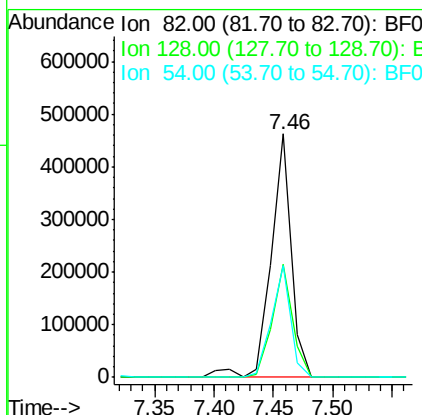
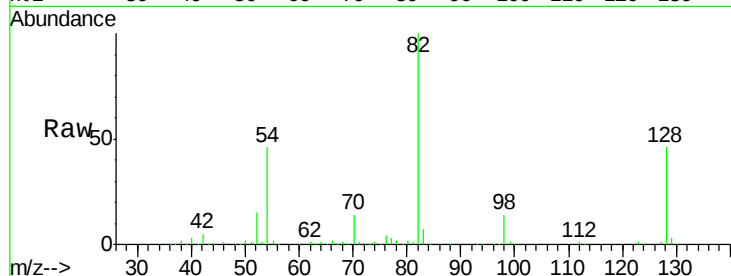
#23
Nitrobenzene-d5
Concen: 62.01 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF083869.D
Acq: 17 Dec 2015 5:52

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-A-20150872MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.5	30.7	46.1#
54	46.0	42.5	63.7

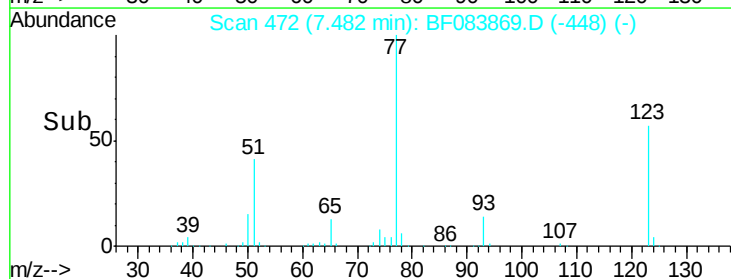
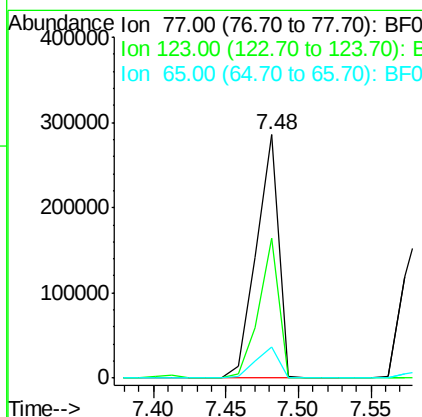
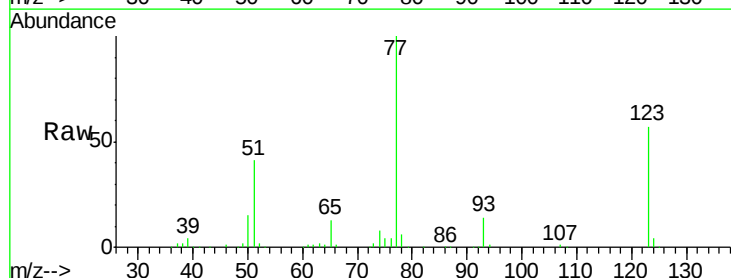
Manual Integrations
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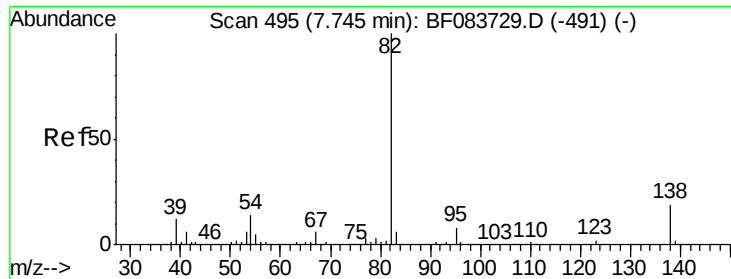
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#24
Nitrobenzene
Concen: 32.78 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.02 min
Lab File: BF083869.D
Acq: 17 Dec 2015 5:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	57.3	29.8	44.6#
65	12.7	11.1	16.7





#25

Isophorone

Concen: 31.48 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.02 min

Lab File: BF083869.D

Acq: 17 Dec 2015 5:52

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-A-20150872MSD

Tot Ion: 82 Resp: 549376
Ion Ratio Lower Upper

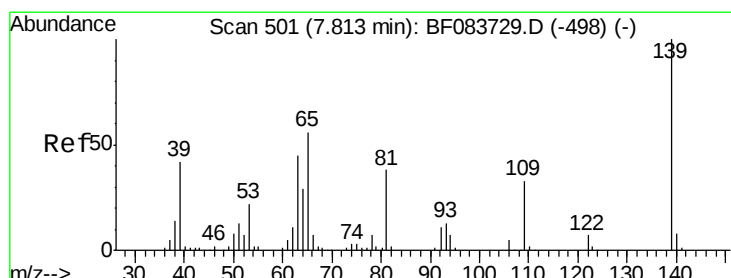
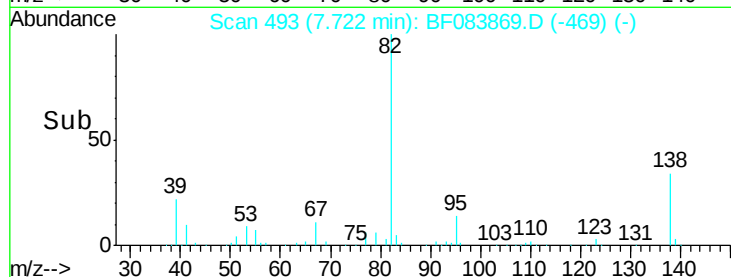
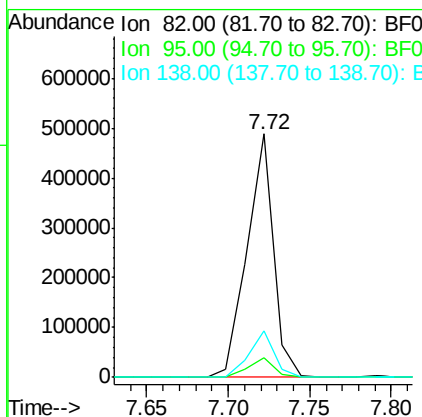
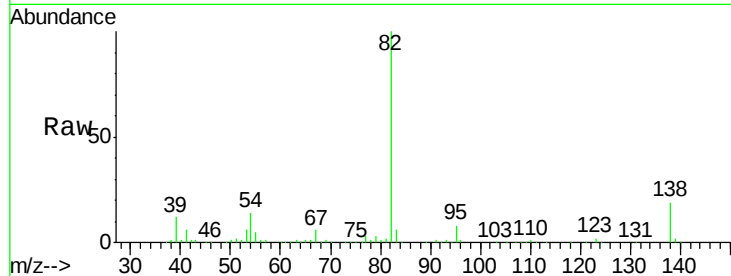
82 100

95 8.0 5.0 7.4#

138 19.3 12.1 18.1#

Manual Integrations
APPROVED

MMdadoda
12/17/2015 5:35:03 PM



#26

2-Nitrophenol

Concen: 32.33 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.03 min

Lab File: BF083869.D

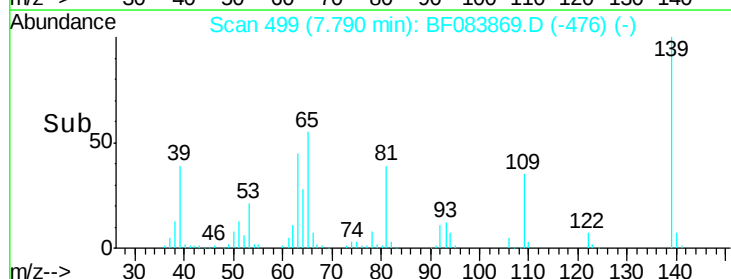
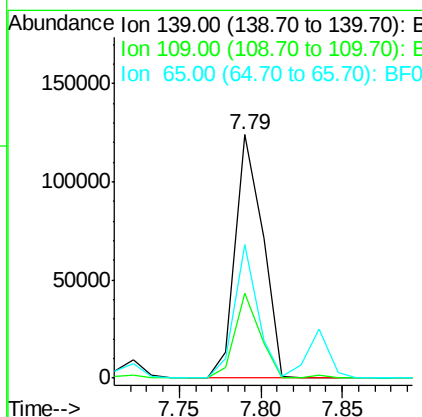
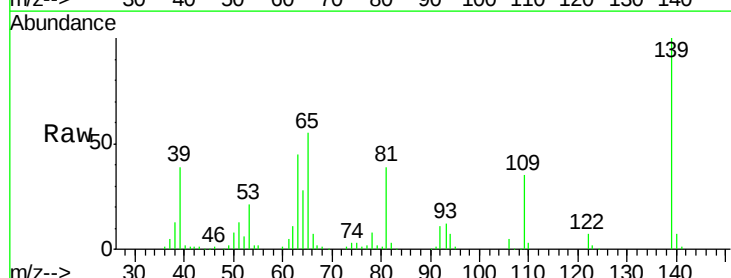
Acq: 17 Dec 2015 5:52

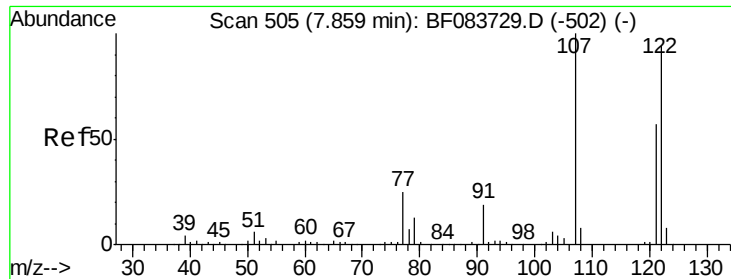
Tgt Ion: 139 Resp: 143812
Ion Ratio Lower Upper

139 100

109 34.9 22.7 34.1#

65 54.9 51.8 77.8





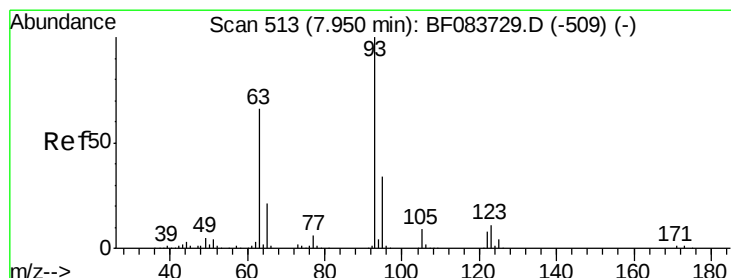
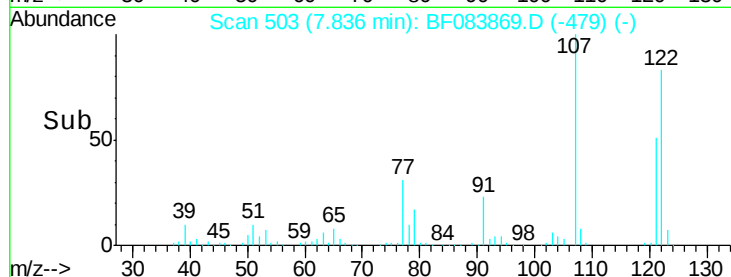
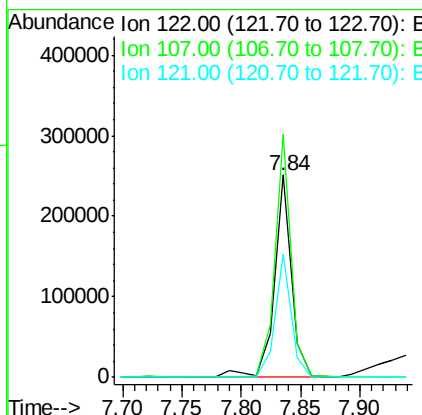
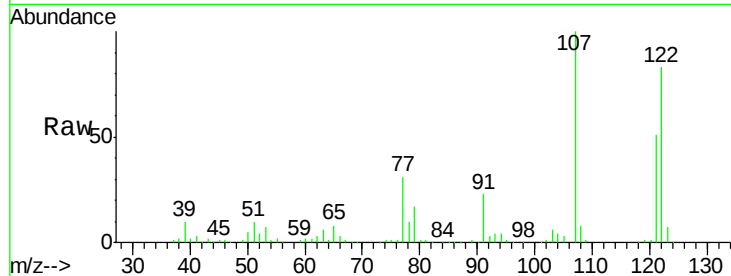
#27
 2,4-Dimethylphenol
 Concen: 28.85 ng
 RT: 7.84 min Scan# 503
 Delta R.T. -0.02 min
 Lab File: BF083869.D
 Acq: 17 Dec 2015 5:52

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-A-20150872MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
122	100		
107	120.3	92.4	138.6
121	61.2	45.8	68.6

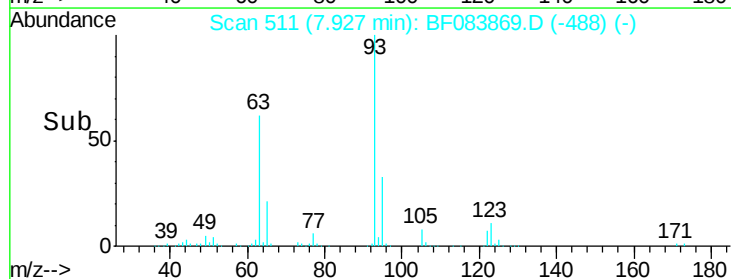
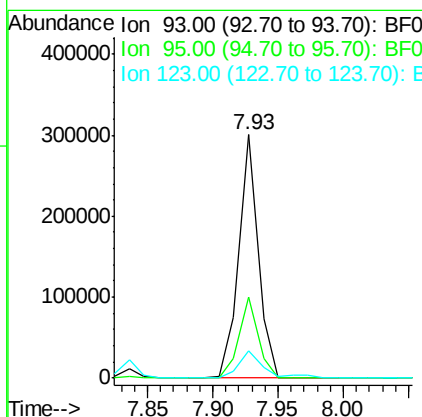
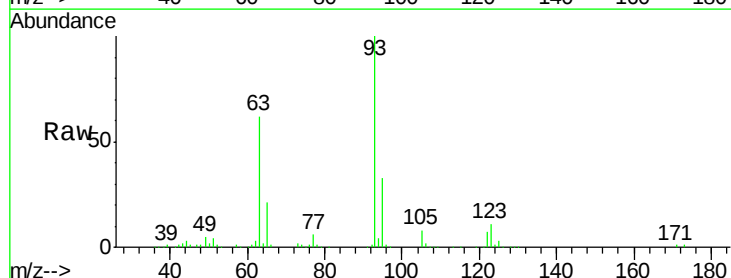
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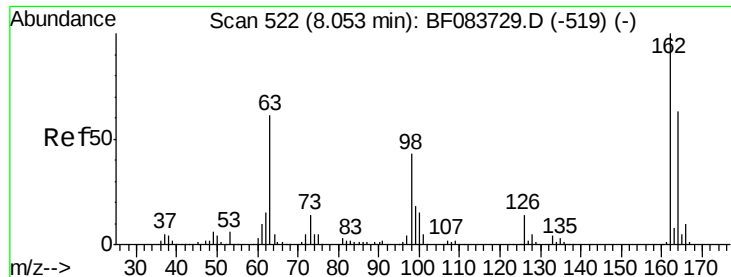
MMdadoda
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#28
 bis(2-Chloroethoxy)methane
 Concen: 31.28 ng
 RT: 7.93 min Scan# 511
 Delta R.T. -0.03 min
 Lab File: BF083869.D
 Acq: 17 Dec 2015 5:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
95	33.1	25.6	38.4
123	11.1	7.3	10.9





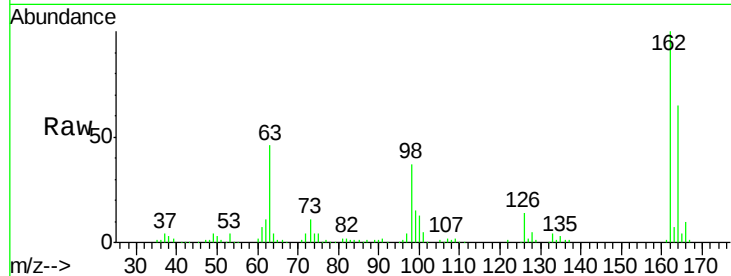
#29
2,4-Dichlorophenol
Concen: 35.04 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF083869.D
Acq: 17 Dec 2015 5:52

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-A-20150872MSD

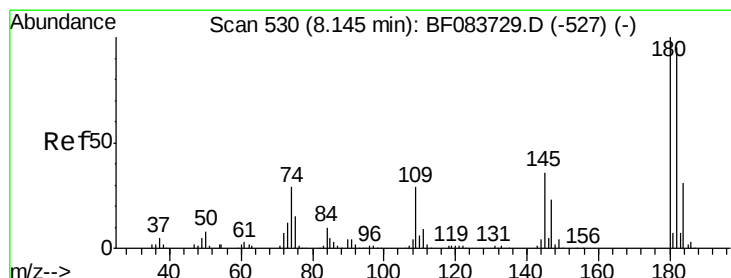
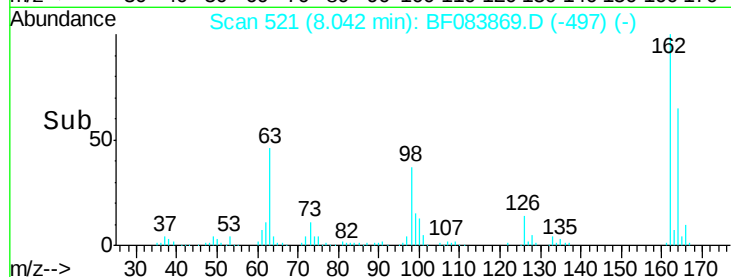
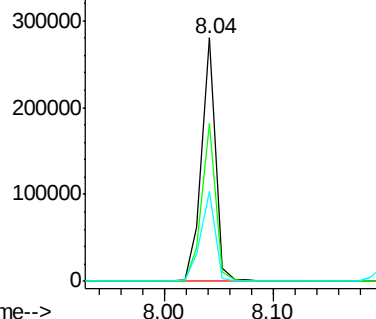
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.6	43.4	83.4
98	36.8	17.5	57.5

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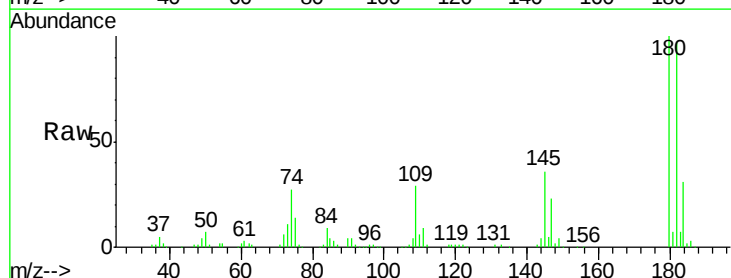


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

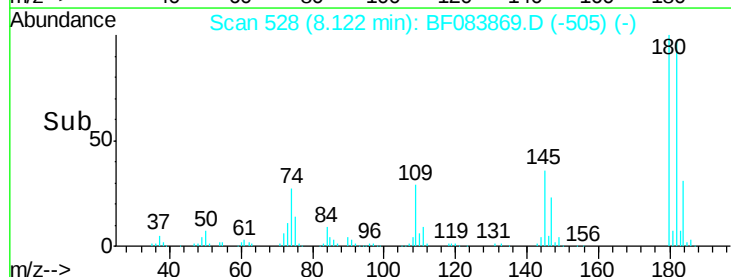
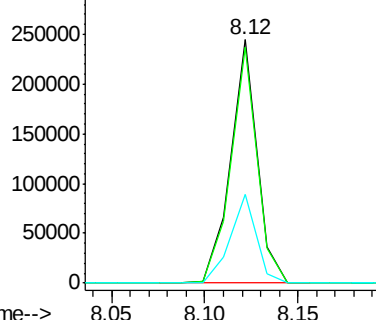


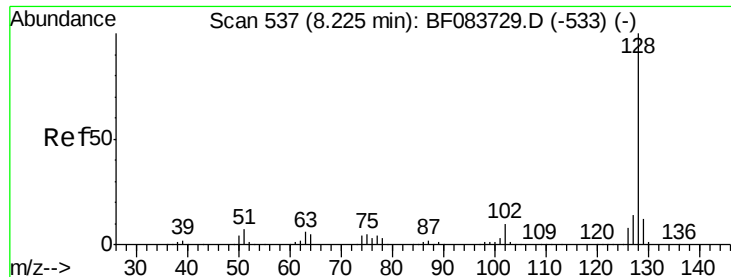
#30
1,2,4-Trichlorobenzene
Concen: 32.04 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.03 min
Lab File: BF083869.D
Acq: 17 Dec 2015 5:52

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.9	74.9	112.3
145	36.4	24.7	37.1



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





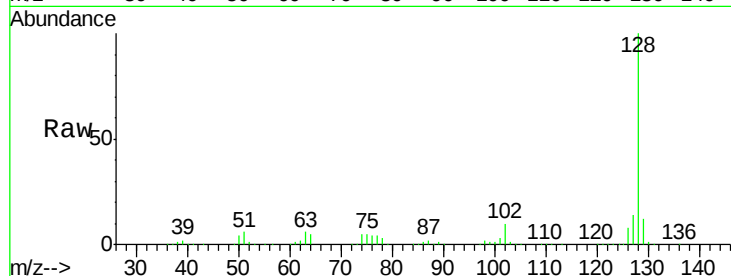
#31
Naphthalene
Concen: 40.31 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.03 min
Lab File: BF083869.D
Acq: 17 Dec 2015 5:52

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-A-20150872MSD

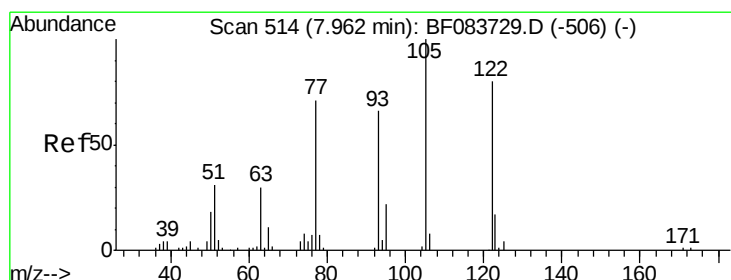
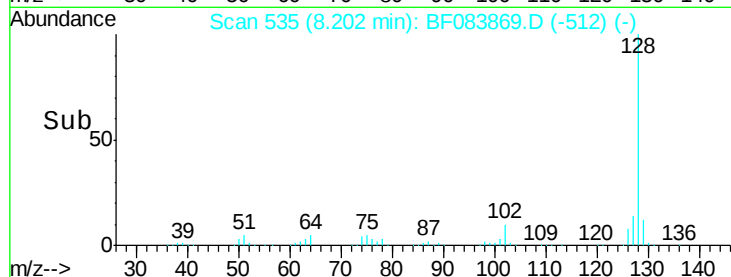
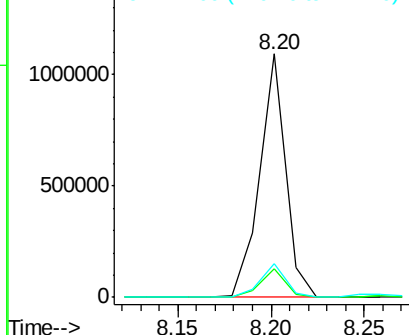
Tot Ion:128 Resp: 1045741
Ion Ratio Lower Upper
128 100
129 11.8 8.6 13.0
127 14.1 10.6 16.0

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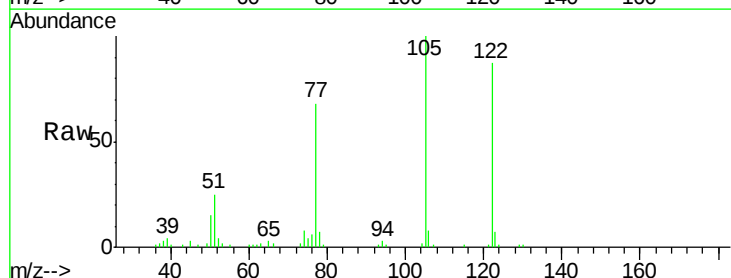


Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

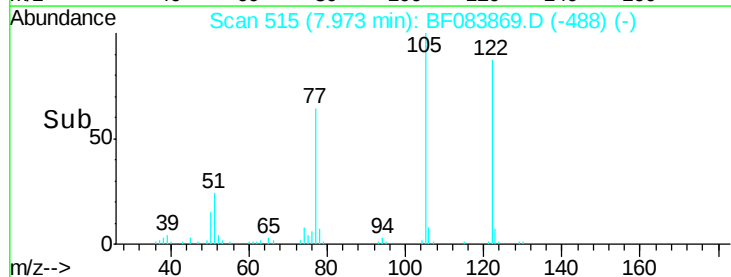
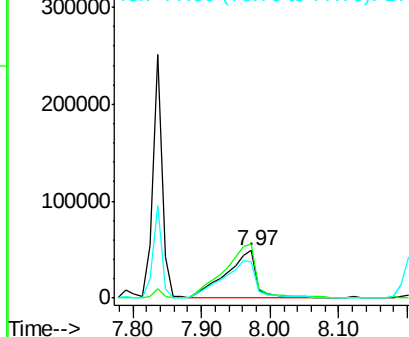


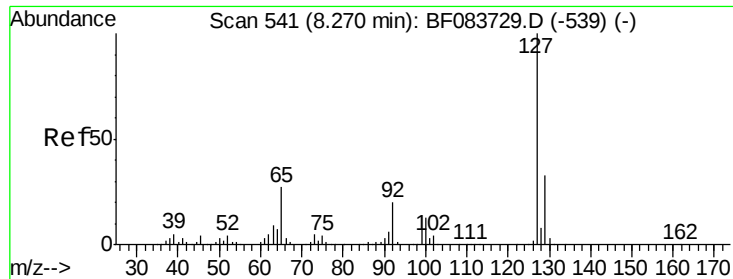
#32
Benzoic acid
Concen: 28.04 ng
RT: 7.97 min Scan# 515
Delta R.T. 0.01 min
Lab File: BF083869.D
Acq: 17 Dec 2015 5:52

Tgt Ion:122 Resp: 152738
Ion Ratio Lower Upper
122 100
105 114.5 105.6 145.6
77 77.8 86.8 126.8#



Abundance Ion 122.00 (121.70 to 122.70): E
300000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





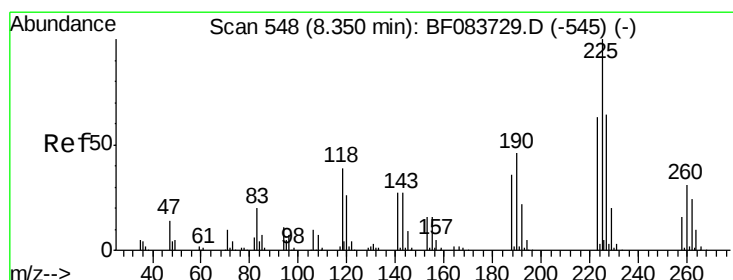
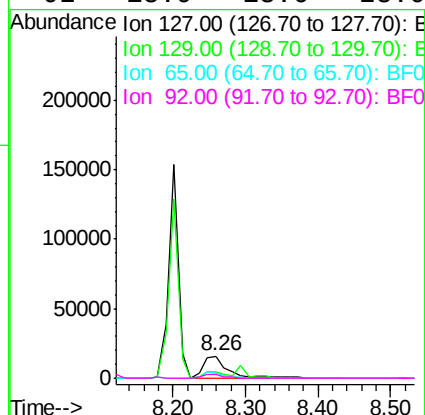
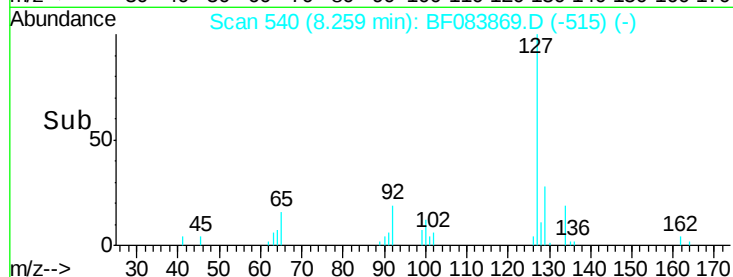
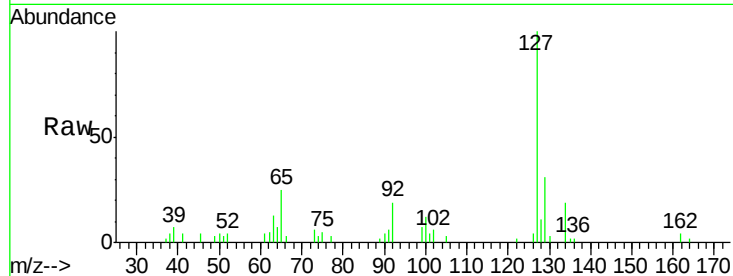
#33
4-Chloroaniline
Concen: 3.60 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF083869.D
Acq: 17 Dec 2015 5:52

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-A-20150872MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.7	26.1	39.1		
65	25.1	33.5	50.3		
92	18.9	18.6	28.0		

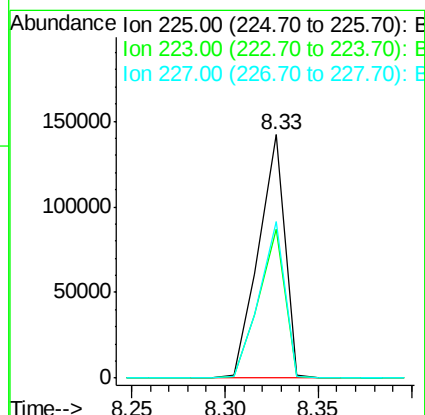
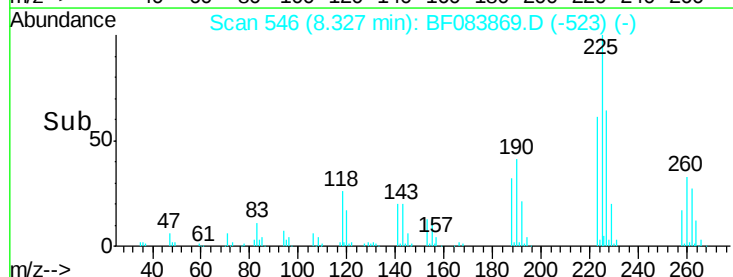
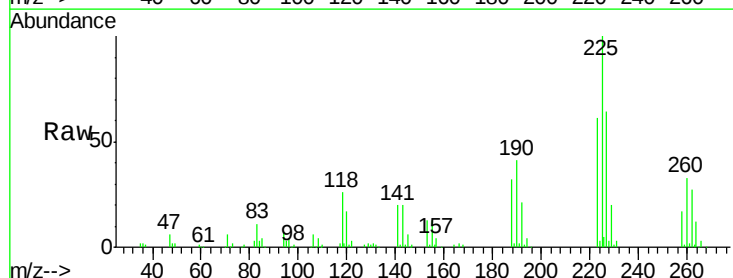
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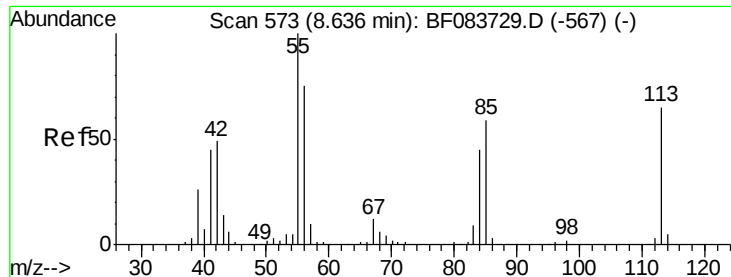
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#34
Hexachlorobutadiene
Concen: 34.65 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.03 min
Lab File: BF083869.D
Acq: 17 Dec 2015 5:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.4	52.3	78.5		
227	64.2	50.4	75.6		





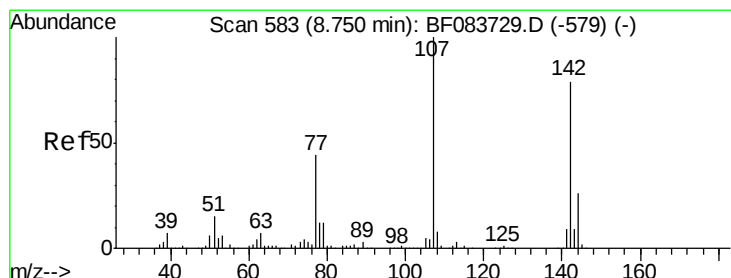
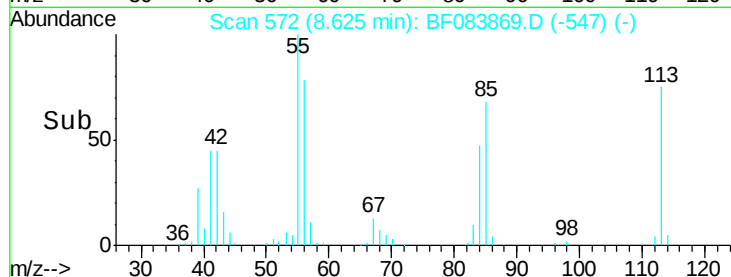
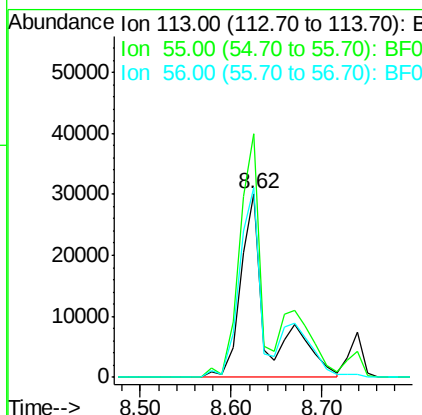
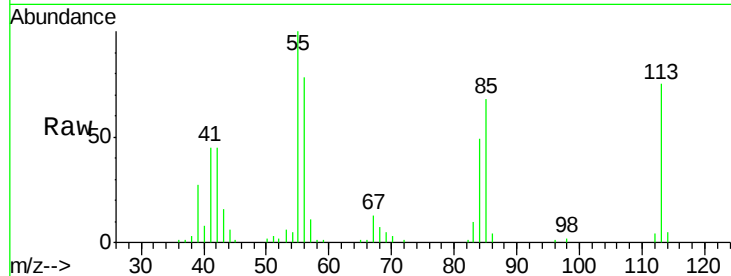
#35
Caprolactam
Concen: 27.17 ng/ml
RT: 8.62 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF083869.D
Acq: 17 Dec 2015 5:52

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-A-20150872MSD

Tot Ion: 113 Resp: 62607
Ion Ratio Lower Upper
113 100
55 132.5 189.7 229.7#
56 103.5 130.7 170.7#

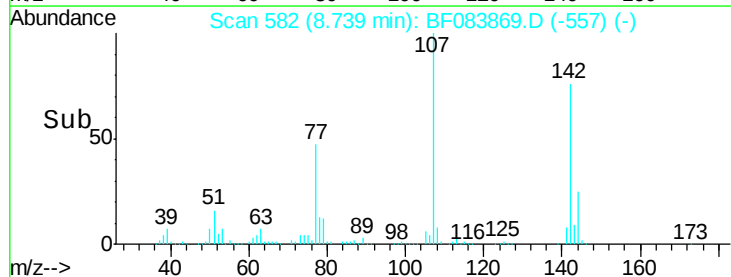
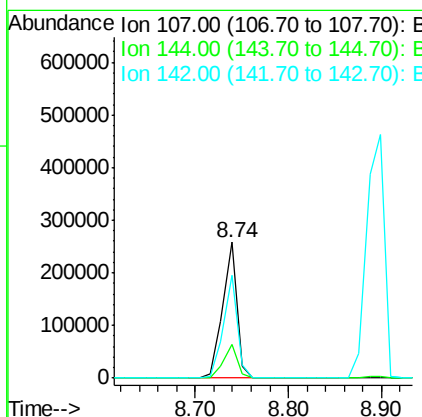
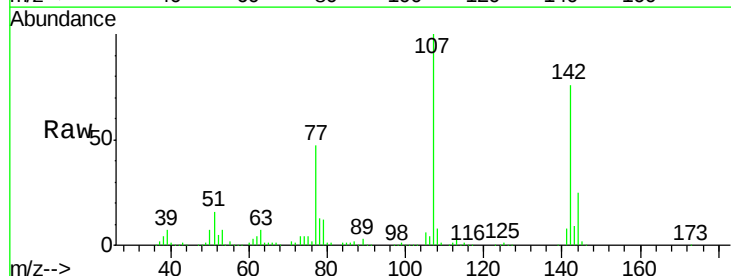
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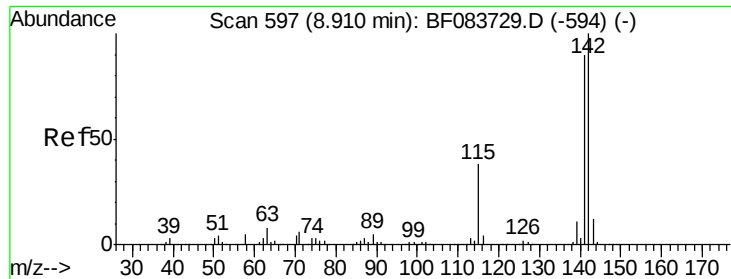
MMdadoda
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#36
4-Chloro-3-methylphenol
Concen: 32.78 ng/ml
RT: 8.74 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF083869.D
Acq: 17 Dec 2015 5:52

Tgt Ion: 107 Resp: 275079
Ion Ratio Lower Upper
107 100
144 25.1 17.5 26.3
142 75.8 53.6 80.4





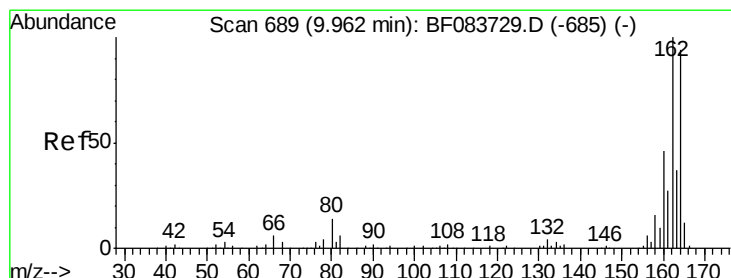
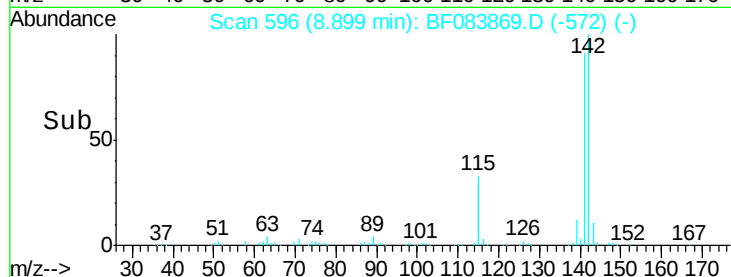
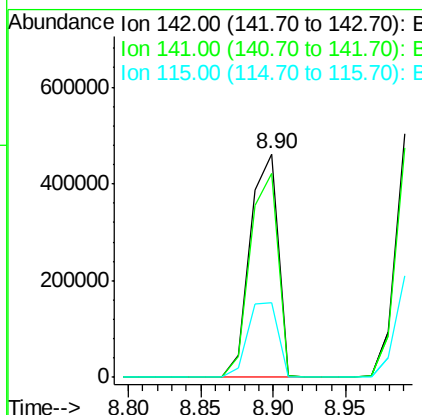
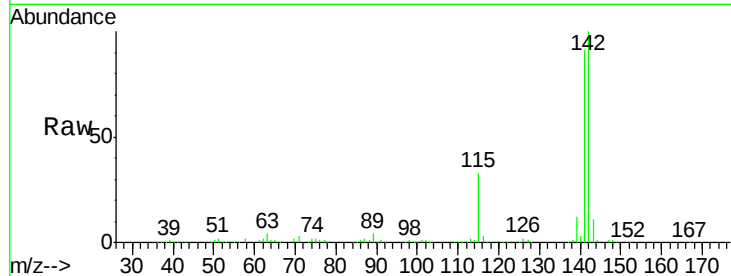
#37
2-Methylnaphthalene
Concen: 37.98 ng
RT: 8.90 min Scan# 596
Delta R.T. -0.02 min
Lab File: BF083869.D
Acq: 17 Dec 2015 5:52

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-A-20150872MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.4	70.3	105.5
115	33.2	29.2	43.8

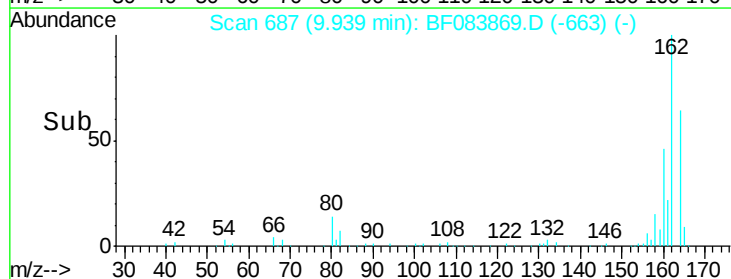
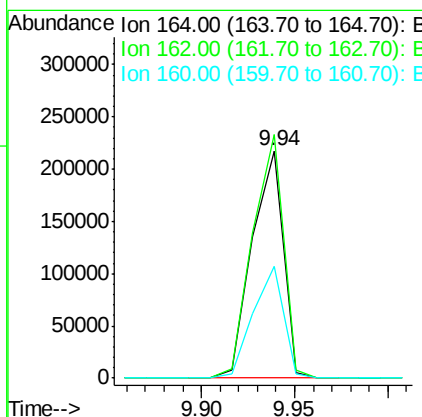
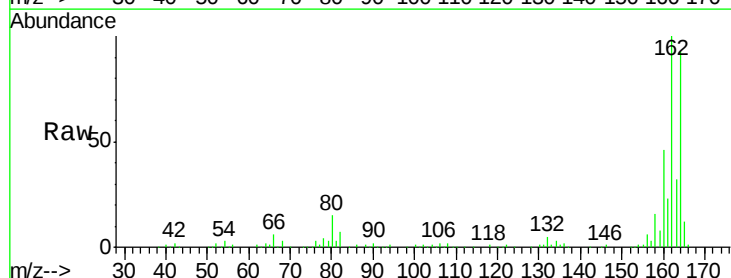
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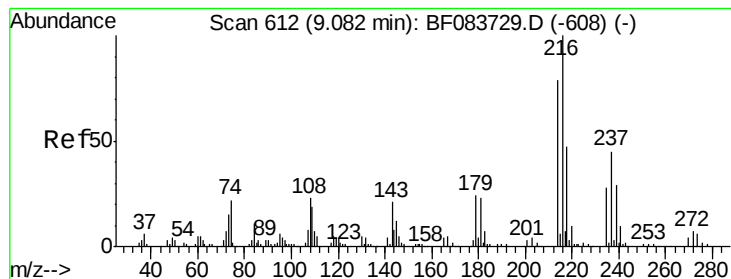
MMdadoda
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF083869.D
Acq: 17 Dec 2015 5:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.1	78.8	118.2
160	49.1	33.4	50.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.03 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.03 min

Lab File: BF083869.D

Acq: 17 Dec 2015 5:52

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-A-20150872MSD

Tot Ion:216 Resp: 222150
Ion Ratio Lower Upper

216 100

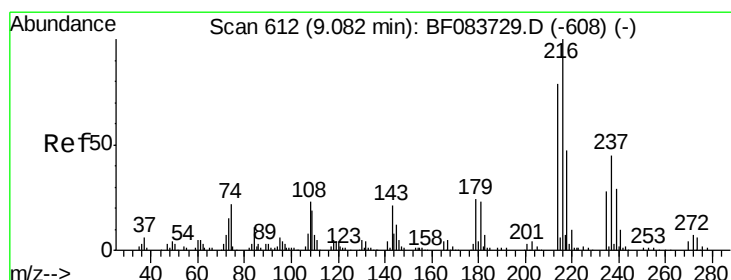
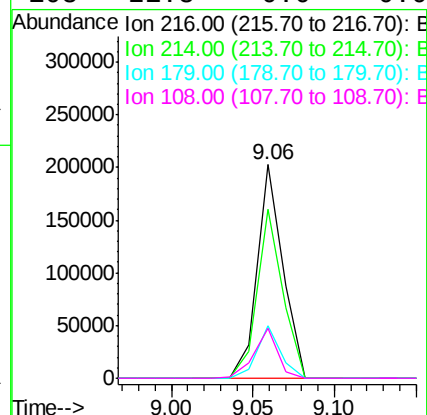
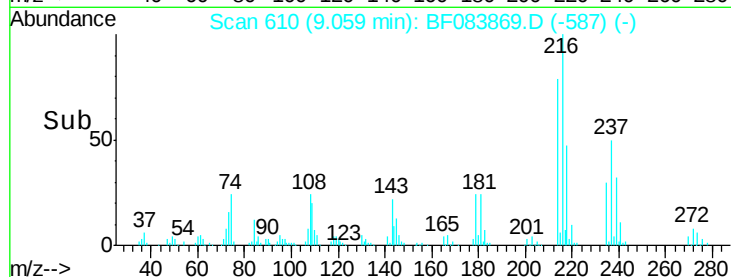
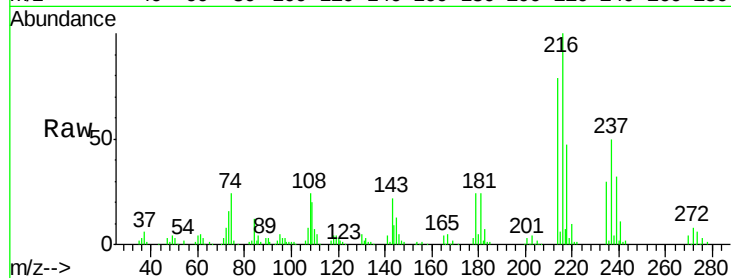
214 78.4 0.0 0.0#

179 22.3 0.0 0.0#

108 21.8 0.0 0.0#

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 43.19 ng

RT: 9.05 min Scan# 609

Delta R.T. -0.03 min

Lab File: BF083869.D

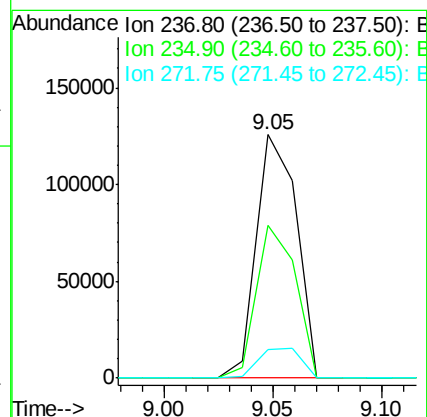
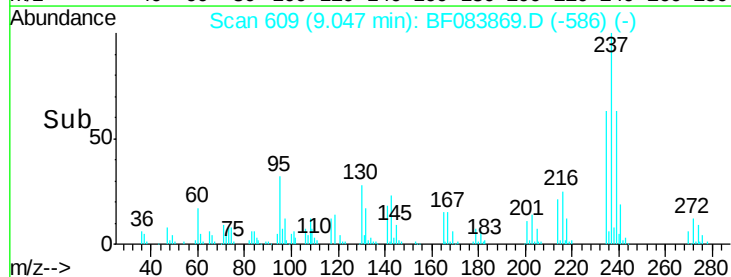
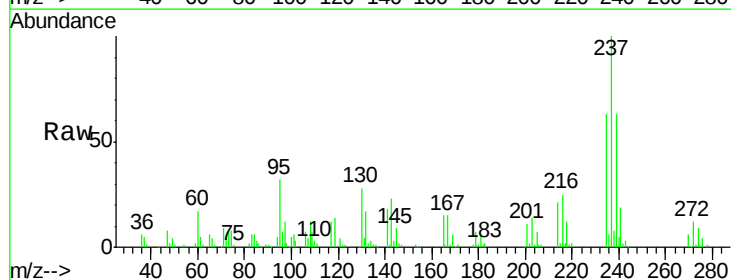
Acq: 17 Dec 2015 5:52

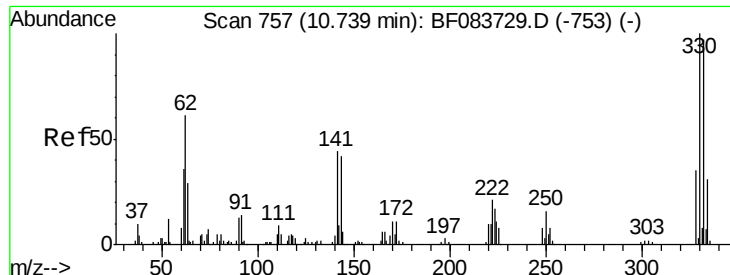
Tgt Ion:237 Resp: 161902
Ion Ratio Lower Upper

237 100

235 62.8 43.9 83.9

272 11.7 0.0 31.8





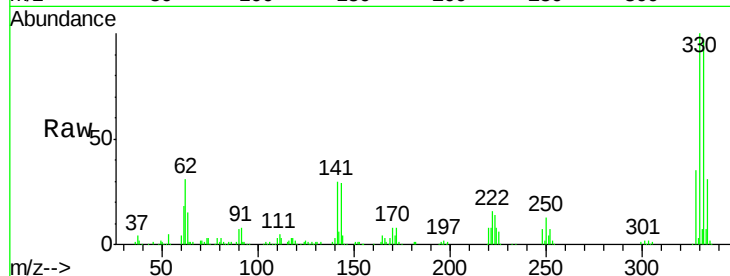
#41
 2,4,6-Tribromophenol
 Concen: 96.88 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.02 min
 Lab File: BF083869.D
 Acq: 17 Dec 2015 5:52

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-A-20150872MSD

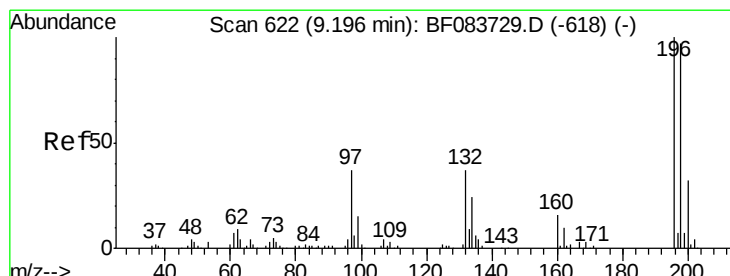
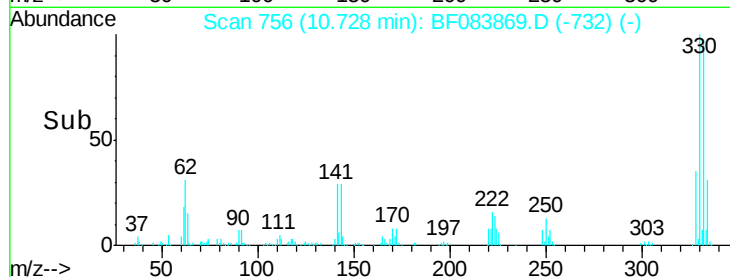
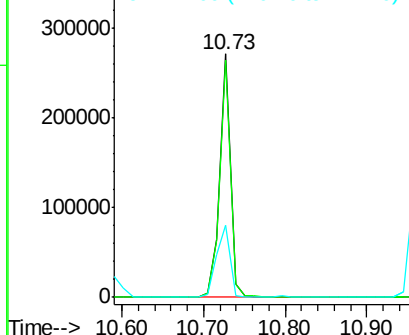
Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	97.6	0.0	0.0#
141	37.6	0.0	0.0#

Manual Integrations
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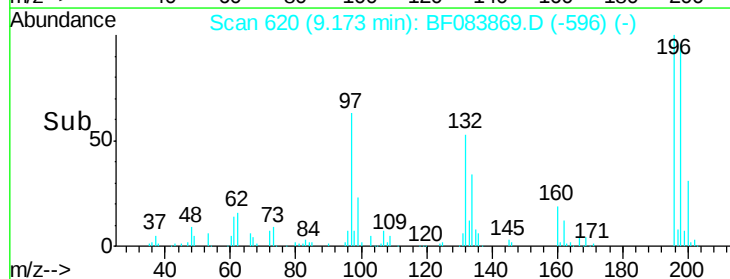
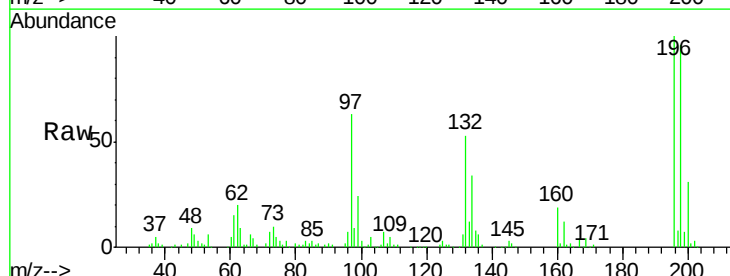
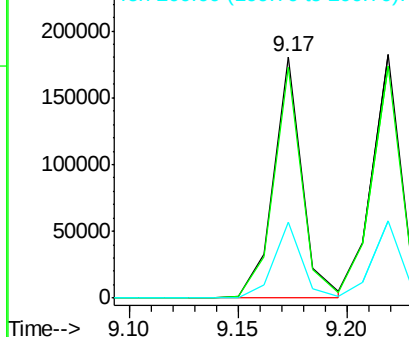
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

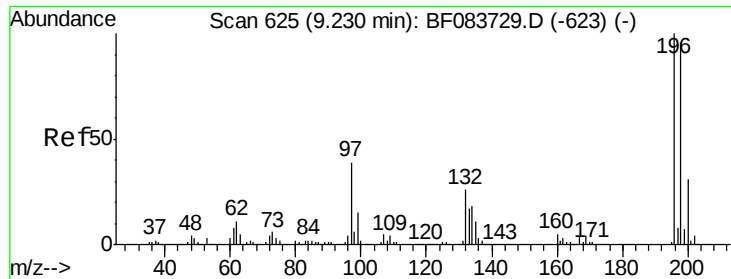


#42
 2,4,6-Trichlorophenol
 Concen: 30.60 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.02 min
 Lab File: BF083869.D
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Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	96.0	75.2	112.8
200	31.2	23.0	34.6

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





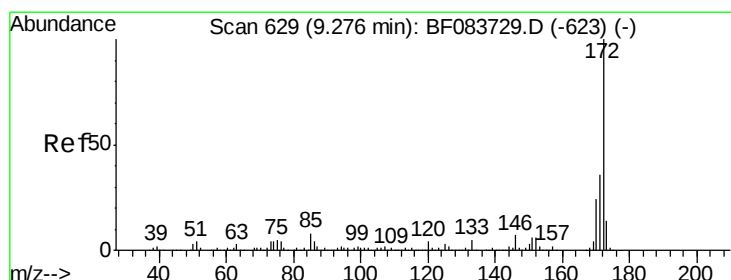
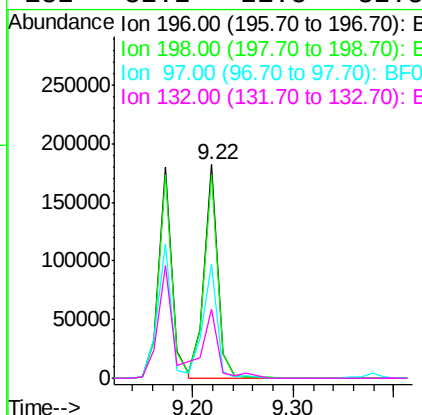
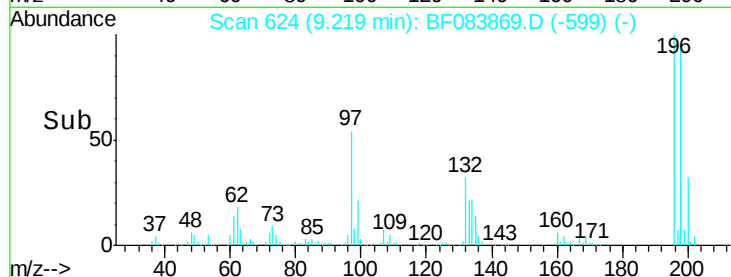
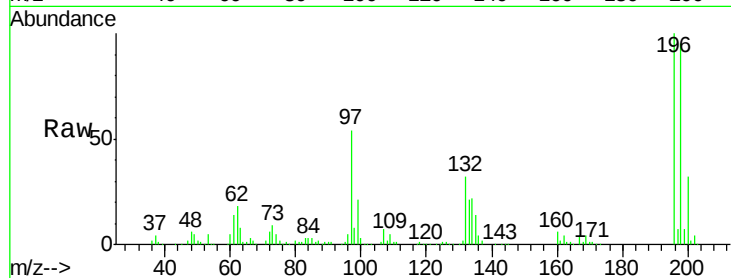
#43
 2,4,5-Trichlorophenol
 Concen: 33.49 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF083869.D
 Acq: 17 Dec 2015 5:52

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-A-20150872MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	171976		
198	95.3	77.7	116.5	
97	53.5	41.2	61.8	
132	32.2	21.8	32.8	

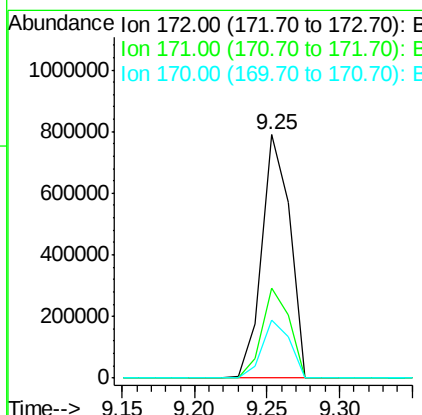
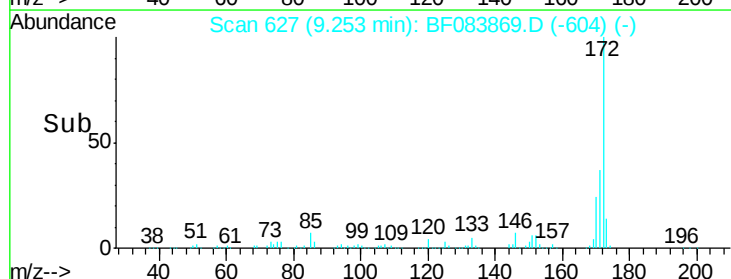
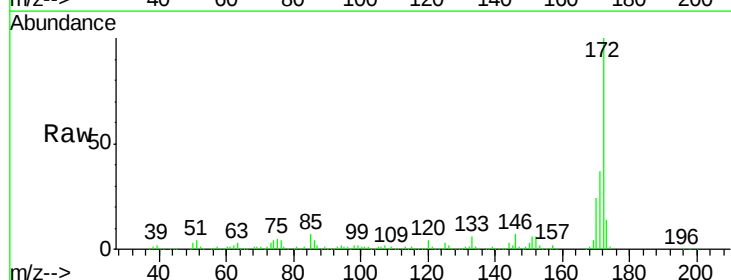
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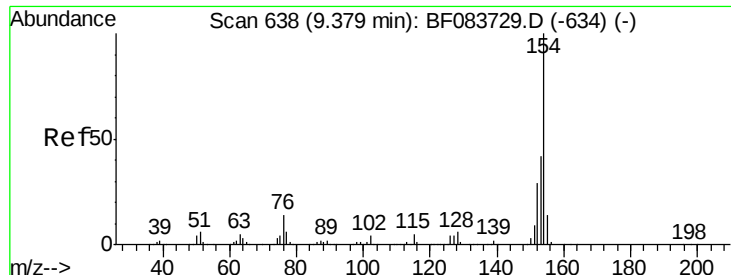
MMdadoda
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#44
 2-Fluorobiphenyl
 Concen: 56.12 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.03 min
 Lab File: BF083869.D
 Acq: 17 Dec 2015 5:52

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1058423		
171	37.2	28.6	42.8	
170	24.1	19.4	29.0	





#45

1,1'-Biphenyl

Concen: 29.23 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.03 min

Lab File: BF083869.D

Acq: 17 Dec 2015 5:52

Instrument :

BNA_F

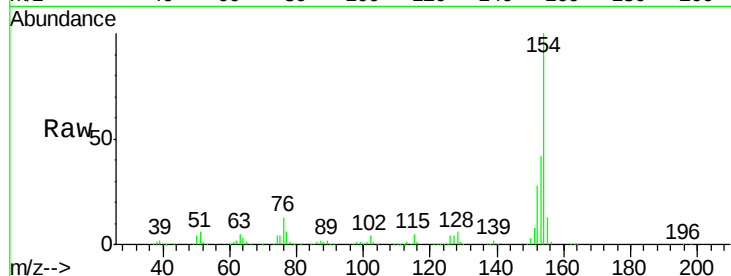
ClientSampleId :

COMPOSITE-A-20150872MSD

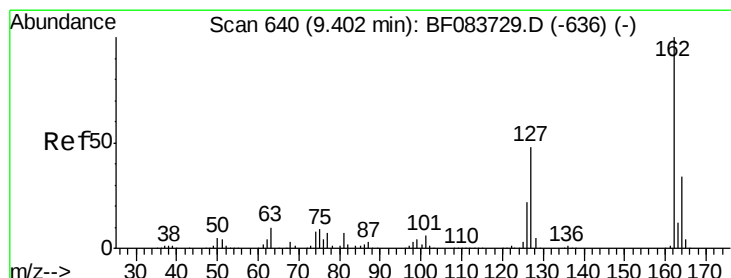
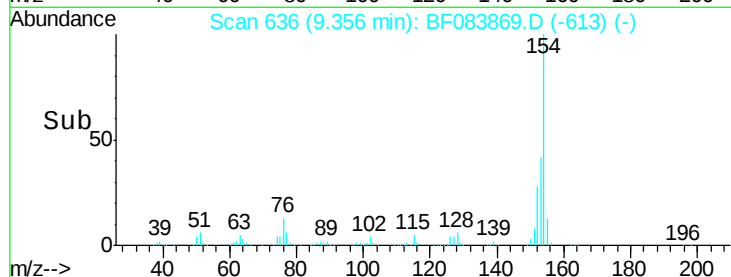
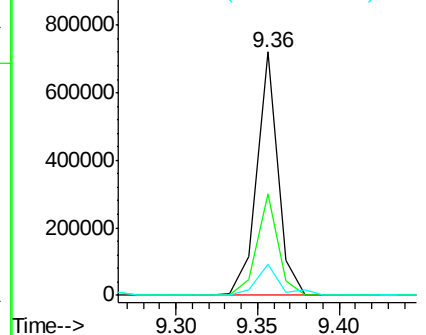
Tot Ion:	154	Resp:	649457
Ion Ratio		Lower	Upper
154	100		
153	41.5	20.2	60.2
76	13.0	0.0	34.8

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



#46

2-Chloronaphthalene

Concen: 30.28 ng

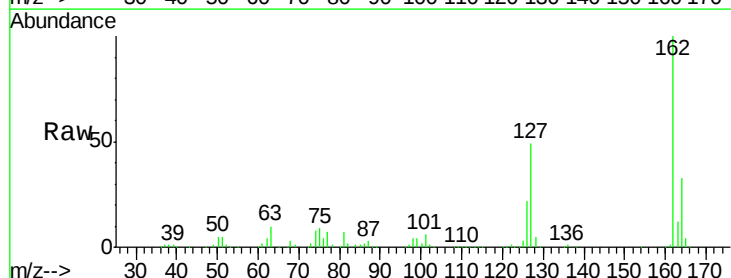
RT: 9.38 min Scan# 638

Delta R.T. -0.03 min

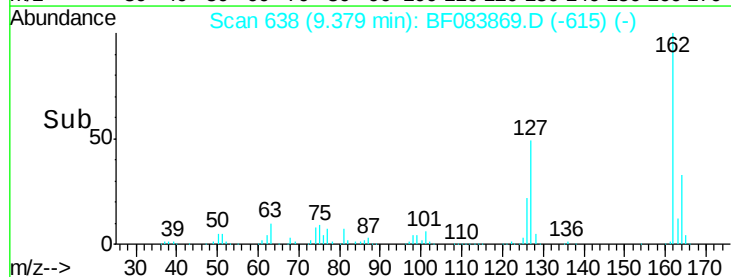
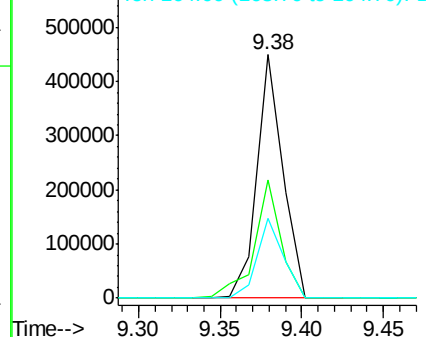
Lab File: BF083869.D

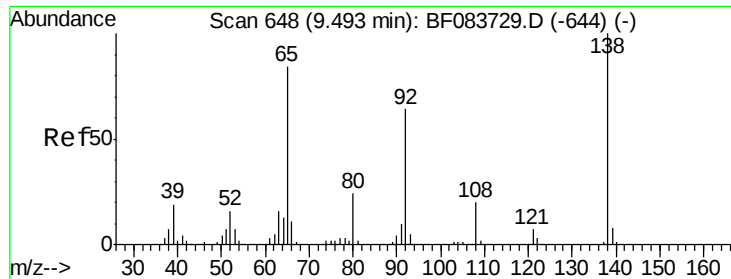
Acq: 17 Dec 2015 5:52

Tgt Ion:	162	Resp:	496651
Ion Ratio		Lower	Upper
162	100		
127	48.7	31.0	46.4#
164	32.9	27.4	41.0



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: 30.43 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.02 min

Lab File: BF083869.D

Acq: 17 Dec 2015 5:52

Instrument :

BNA_F

ClientSampleId :

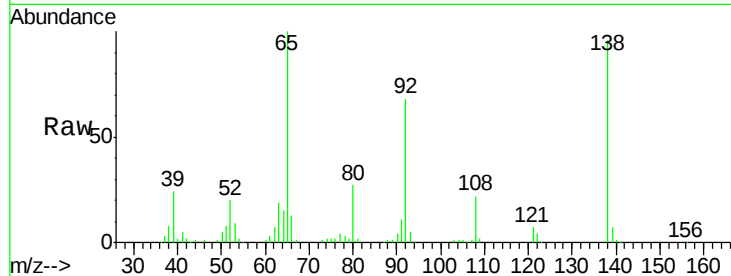
COMPOSITE-A-20150872MSD

Tot Ion: 65 Resp: 141558
Ion Ratio Lower Upper

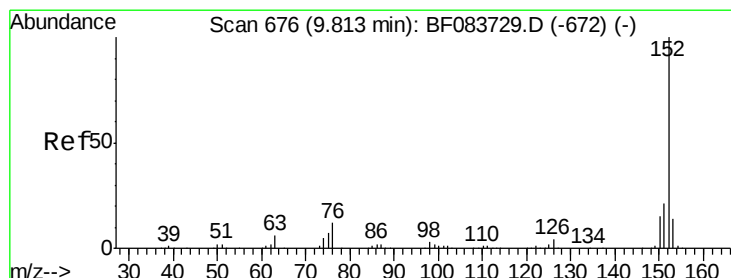
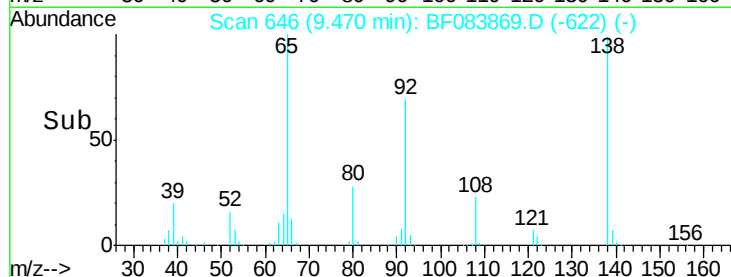
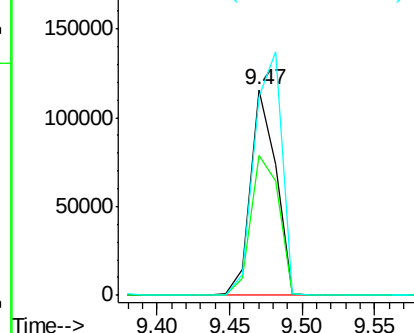
65	100		
92	68.3	49.6	74.4
138	96.5	64.1	96.1

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



#48

Acenaphthylene

Concen: 31.54 ng

RT: 9.80 min Scan# 675

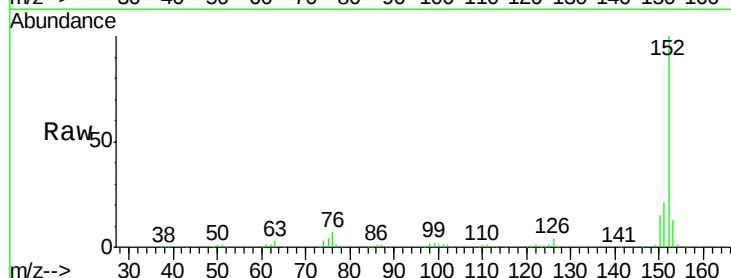
Delta R.T. -0.02 min

Lab File: BF083869.D

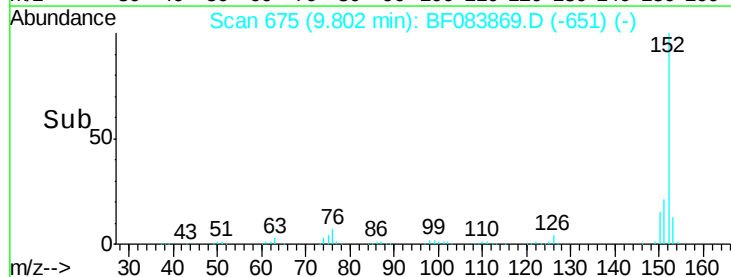
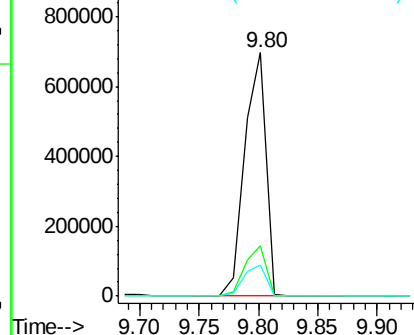
Acq: 17 Dec 2015 5:52

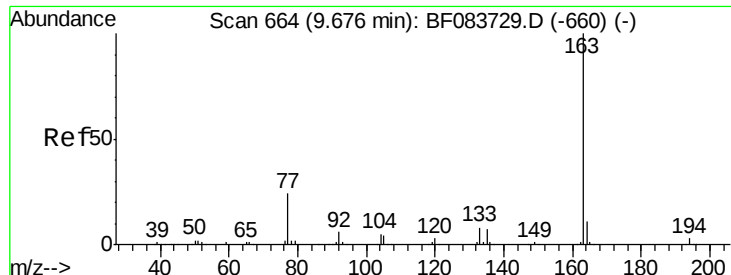
Tgt Ion: 152 Resp: 870372
Ion Ratio Lower Upper

152	100		
151	20.6	16.3	24.5
153	12.8	10.8	16.2



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





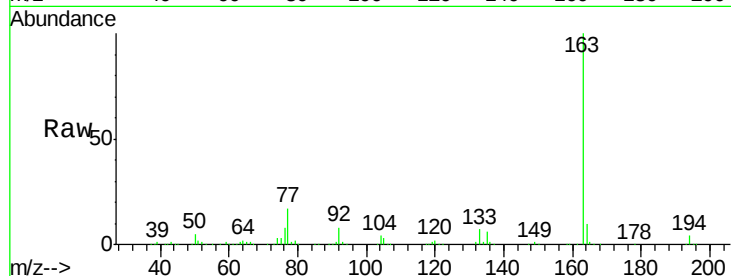
#49
Dimethylphthalate
Concen: 35.16 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.02 min
Lab File: BF083869.D
Acq: 17 Dec 2015 5:52

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-A-20150872MSD

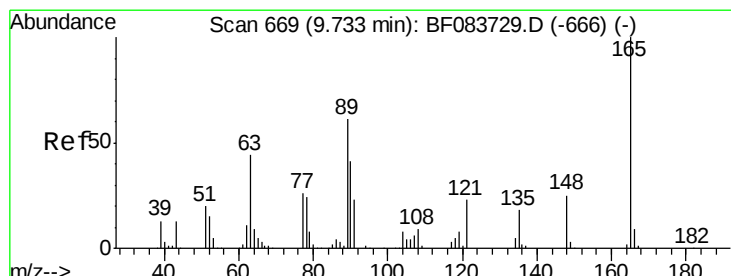
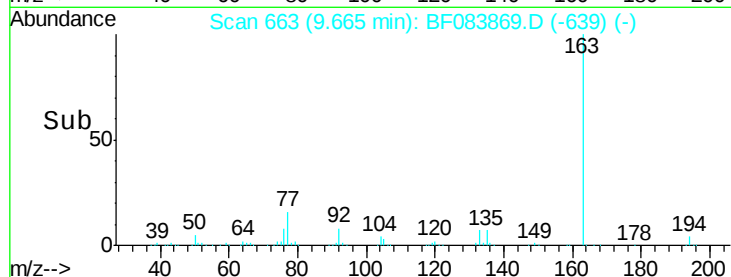
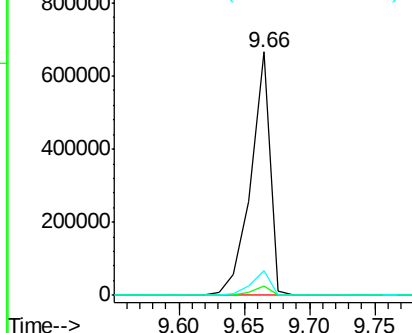
Tot Ion	Ratio	Resp	Lower	Upper
163	100	687399		
194	3.6		2.8	4.2
164	10.2		8.6	13.0

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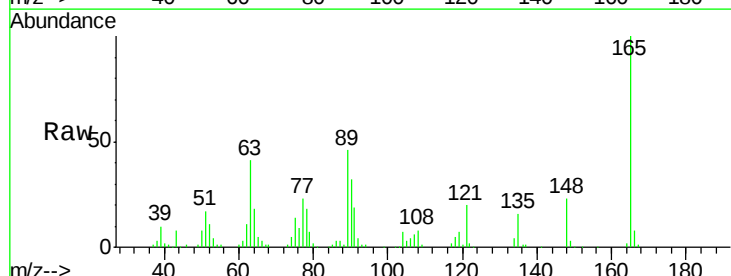


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

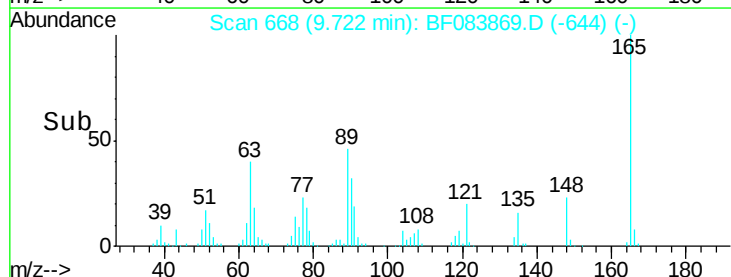
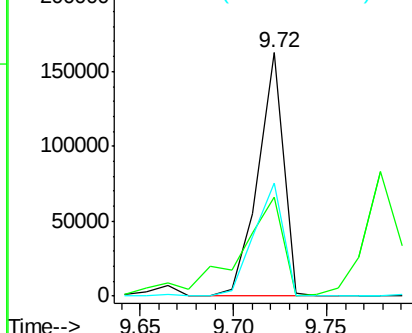


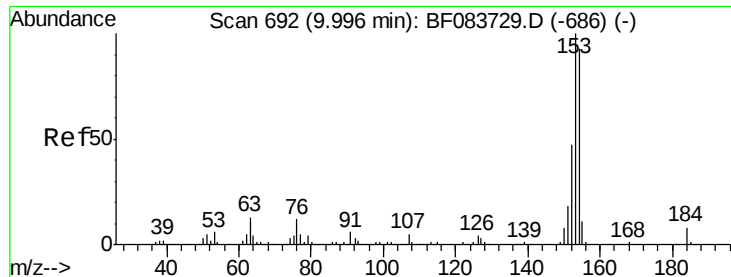
#50
2,6-Dinitrotoluene
Concen: 36.95 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.02 min
Lab File: BF083869.D
Acq: 17 Dec 2015 5:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	153302		
63	40.7		56.9	85.3#
89	46.5		52.1	78.1#



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





#51

Acenaphthene

Concen: 39.13 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.02 min

Lab File: BF083869.D

Acq: 17 Dec 2015 5:52

Instrument :

BNA_F

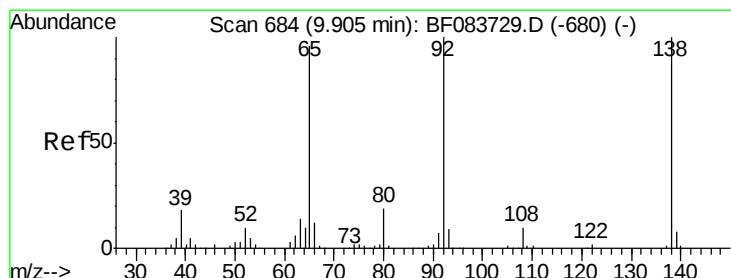
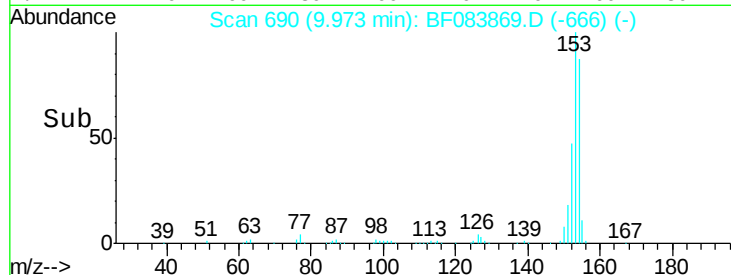
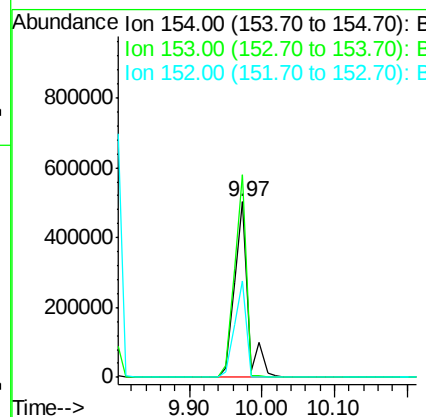
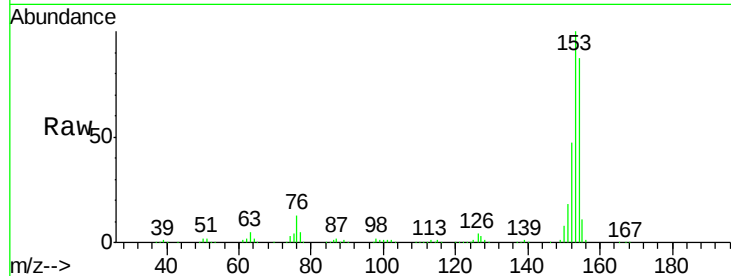
ClientSampleId :

COMPOSITE-A-20150872MSD

Tot Ion:	154	Resp:	652834
Ion Ratio	Lower	Upper	
154	100		
153	115.3	91.4	137.0
152	54.6	43.4	65.2

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#52

3-Nitroaniline

Concen: 8.85 ng

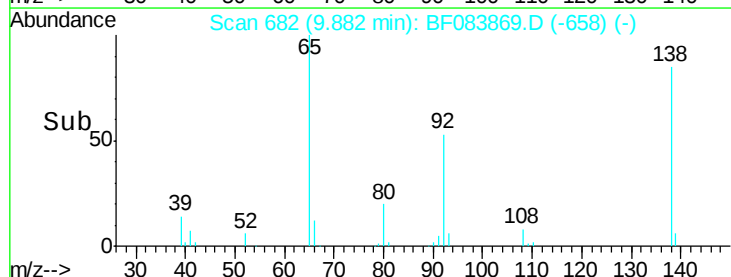
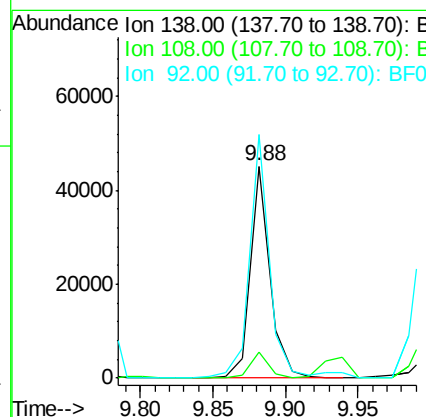
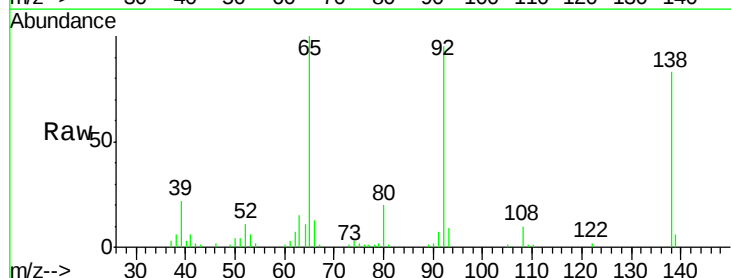
RT: 9.88 min Scan# 682

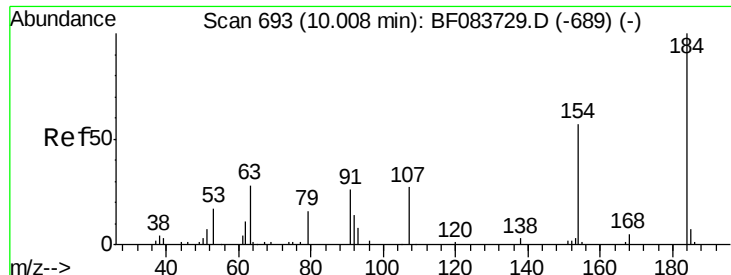
Delta R.T. -0.02 min

Lab File: BF083869.D

Acq: 17 Dec 2015 5:52

Tgt Ion:	138	Resp:	42321
Ion Ratio	Lower	Upper	
138	100		
108	12.2	9.9	14.9
92	114.8	113.8	170.8





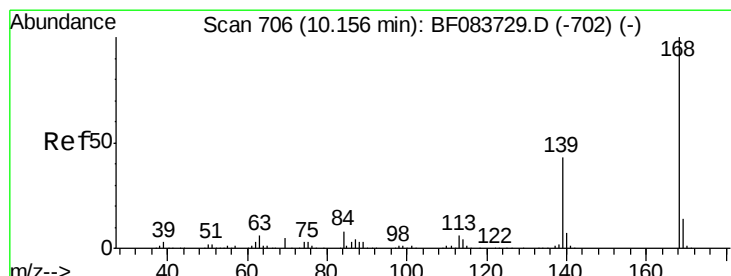
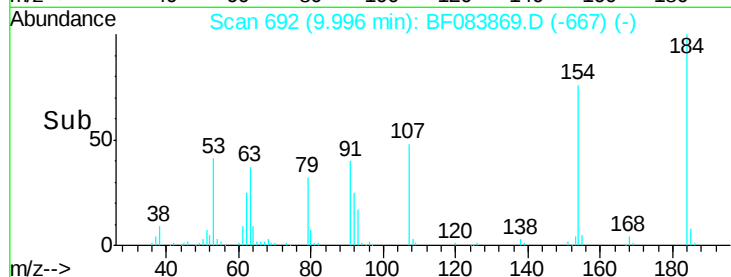
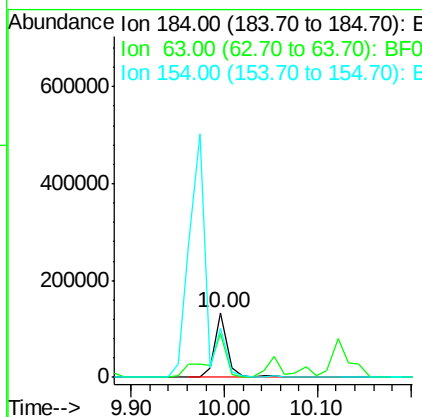
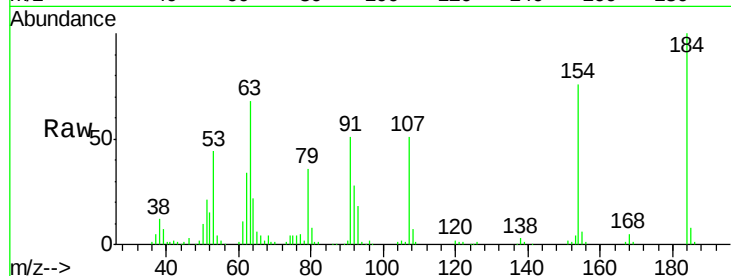
#53
 2,4-Dinitrophenol
 Concen: 63.94 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF083869.D
 Acq: 17 Dec 2015 5:52

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-A-20150872MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	128092		
63	68.1	62.4	93.6	
154	76.0	46.6	69.8	

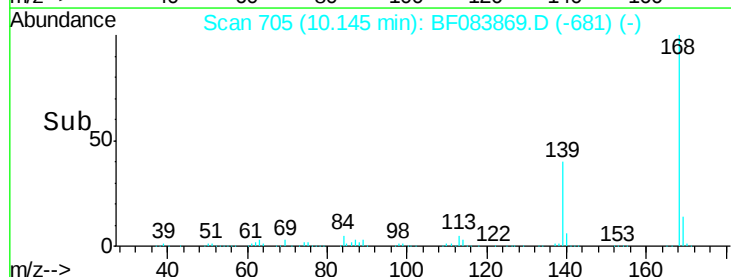
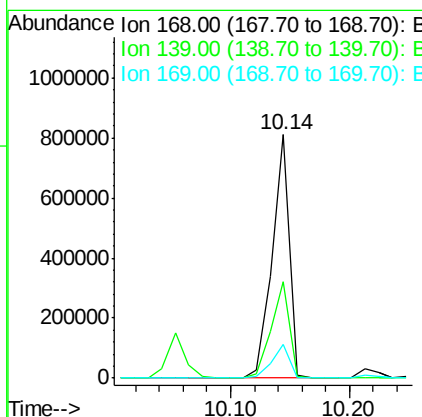
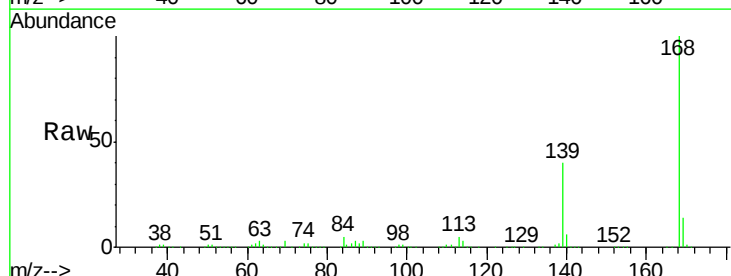
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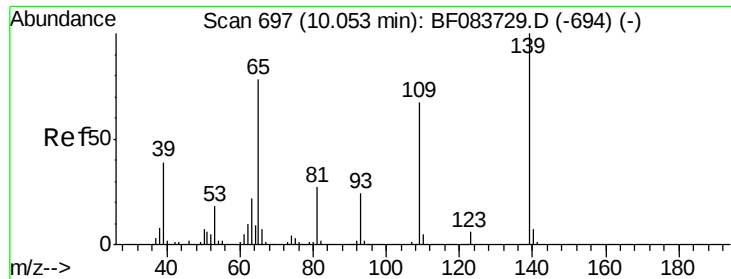
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#54
 Dibenzofuran
 Concen: 36.92 ng
 RT: 10.14 min Scan# 705
 Delta R.T. -0.02 min
 Lab File: BF083869.D
 Acq: 17 Dec 2015 5:52

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	816107		
139	39.6	28.0	42.0	
169	13.8	10.8	16.2	





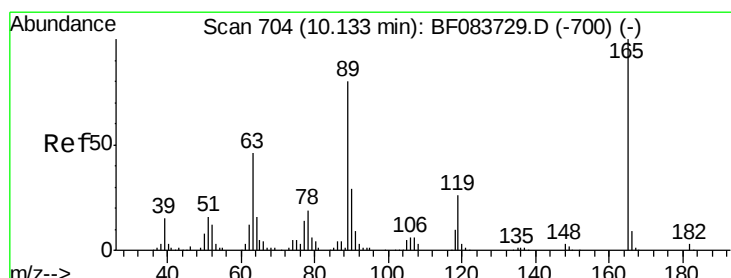
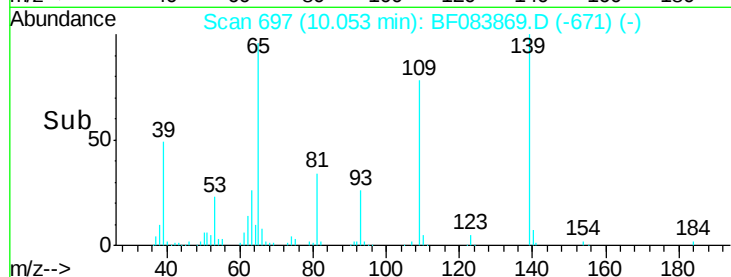
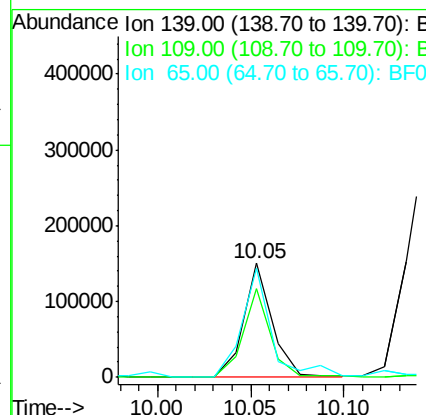
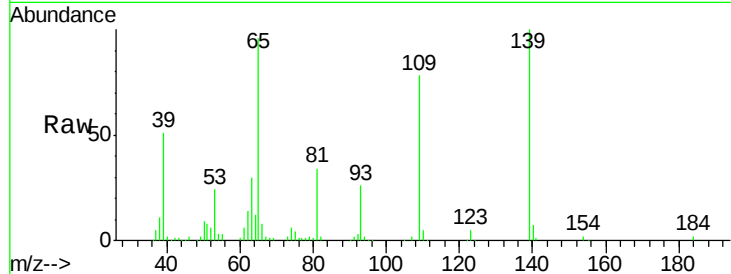
#55
4-Nitrophenol
Concen: 45.63 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF083869.D
Acq: 17 Dec 2015 5:52

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-A-20150872MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	161596		
109	78.1	42.0	82.0	
65	96.4	89.2	129.2	

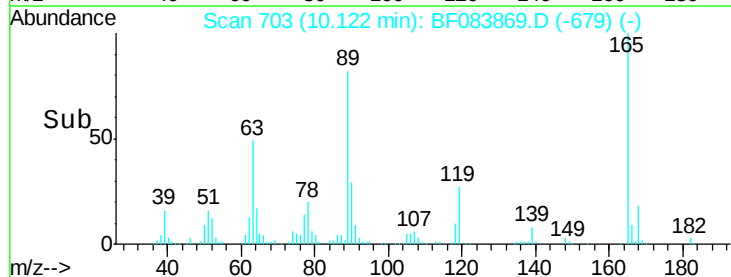
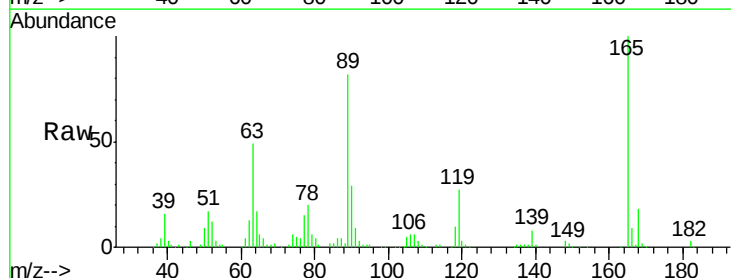
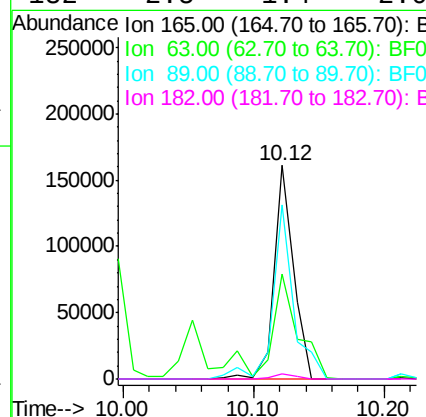
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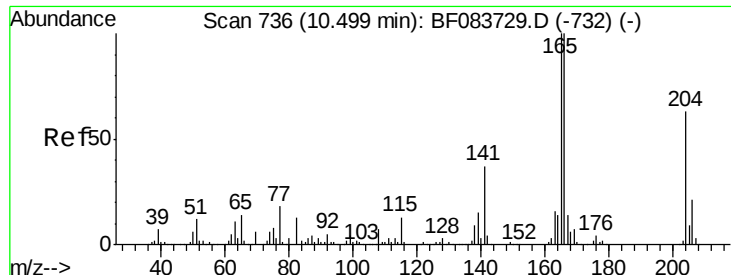
MMdadoda
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#56
2,4-Dinitrotoluene
Concen: 30.97 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.02 min
Lab File: BF083869.D
Acq: 17 Dec 2015 5:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	167841		
63	49.0	51.4	77.2#	
89	81.7	72.6	108.8	
182	2.5	1.4	2.0#	





#57

Fluorene

Concen: 35.02 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF083869.D

Acq: 17 Dec 2015 5:52

Instrument :

BNA_F

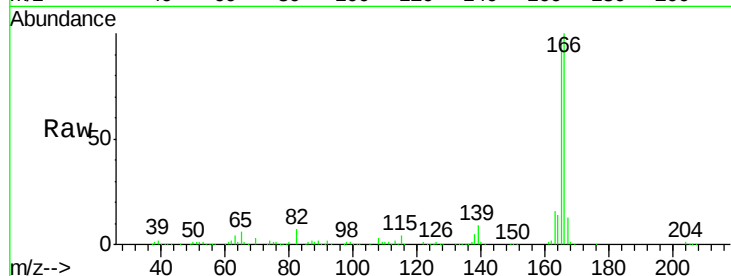
ClientSampleId :

COMPOSITE-A-20150872MSD

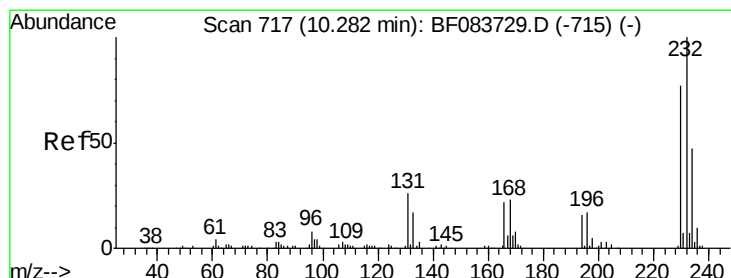
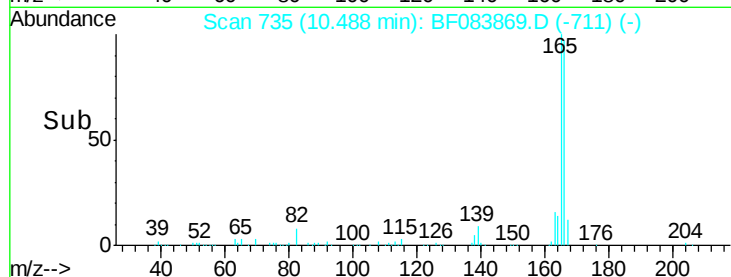
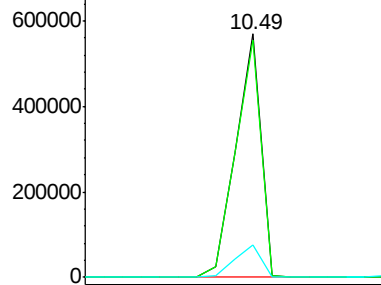
Tot Ion:	166	Resp:	609558
Ion Ratio	Lower	Upper	
166	100		
165	97.4	80.0	120.0
167	13.4	10.6	16.0

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



#58

2,3,4,6-Tetrachlorophenol

Concen: 34.88 ng

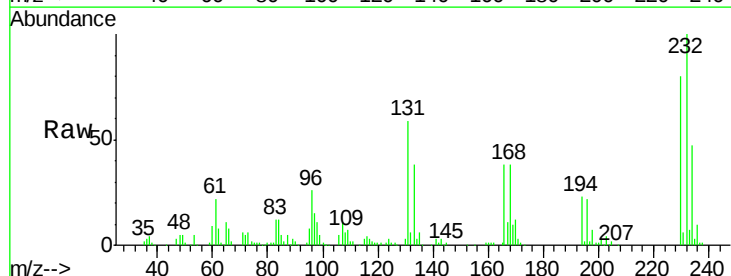
RT: 10.26 min Scan# 715

Delta R.T. -0.02 min

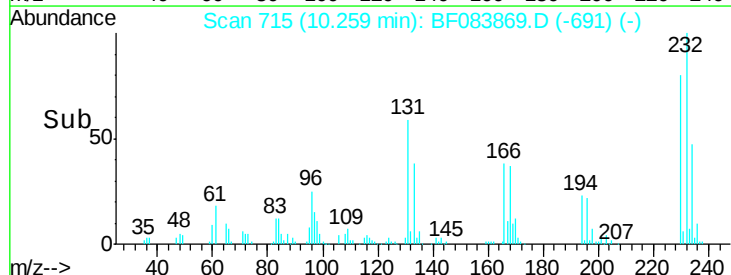
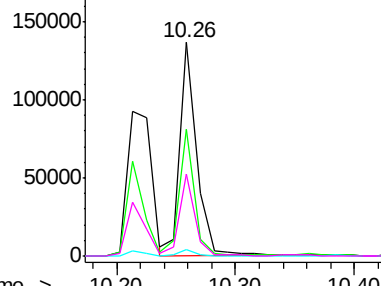
Lab File: BF083869.D

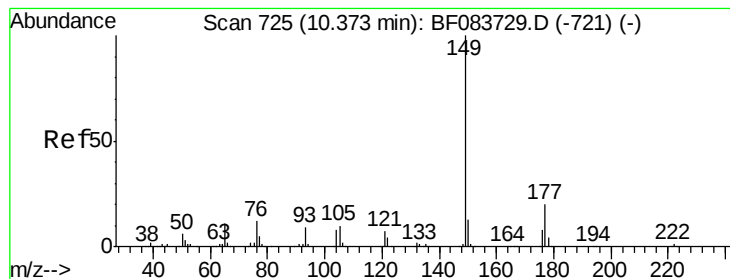
Acq: 17 Dec 2015 5:52

Tgt Ion:	232	Resp:	134381
Ion Ratio	Lower	Upper	
232	100		
131	54.0	0.0	0.0#
130	2.8	0.0	0.0#
166	34.6	0.0	0.0#



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: 32.92 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF083869.D

Acq: 17 Dec 2015 5:52

Instrument :

BNA_F

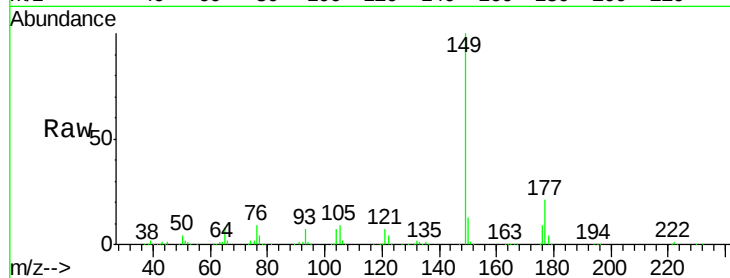
ClientSampleId :

COMPOSITE-A-20150872MSD

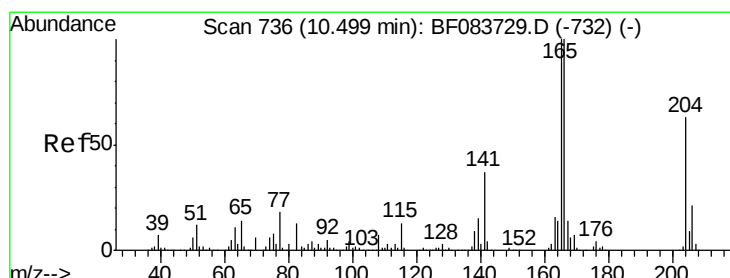
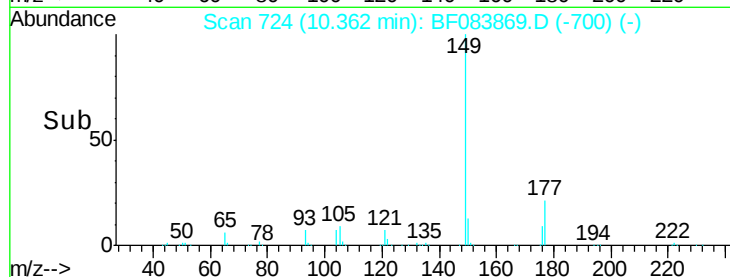
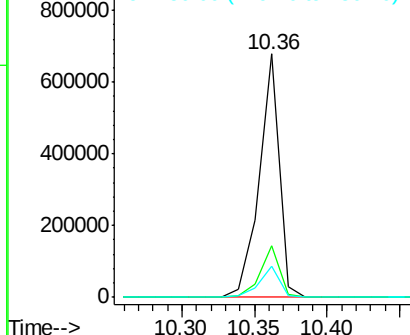
Tot Ion:	149	Resp:	651493
Ion Ratio	Lower	Upper	
149	100		
177	21.1	16.9	25.3
150	12.8	10.2	15.4

Manual Integrations
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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: 33.78 ng

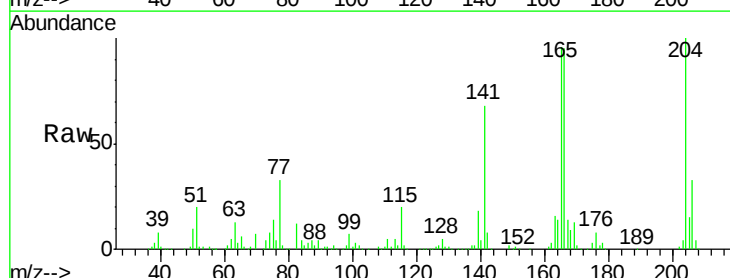
RT: 10.48 min Scan# 734

Delta R.T. -0.02 min

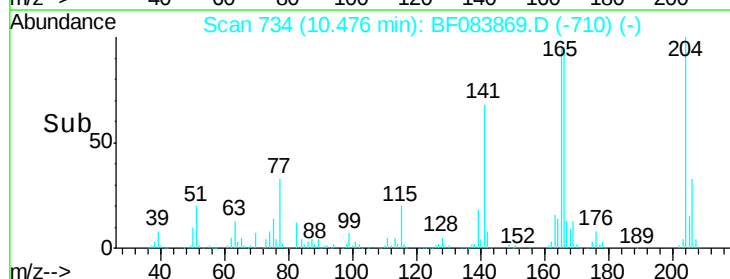
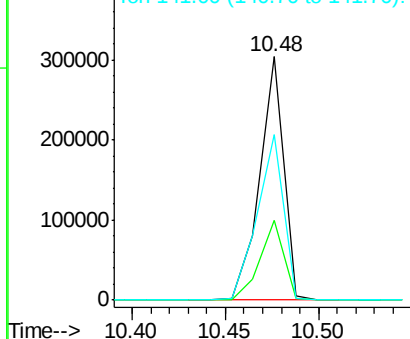
Lab File: BF083869.D

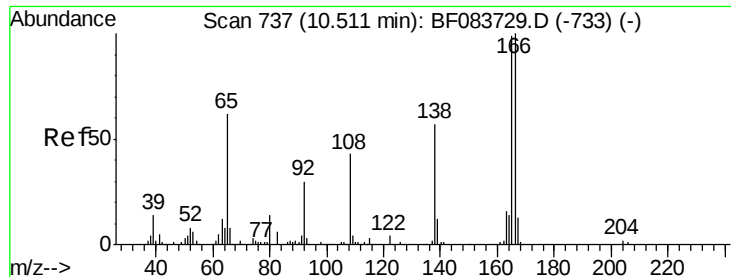
Acq: 17 Dec 2015 5:52

Tgt Ion:	204	Resp:	268121
Ion Ratio	Lower	Upper	
204	100		
206	33.0	27.3	40.9
141	68.2	51.9	77.9



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 27.19 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF083869.D

Acq: 17 Dec 2015 5:52

Instrument :

BNA_F

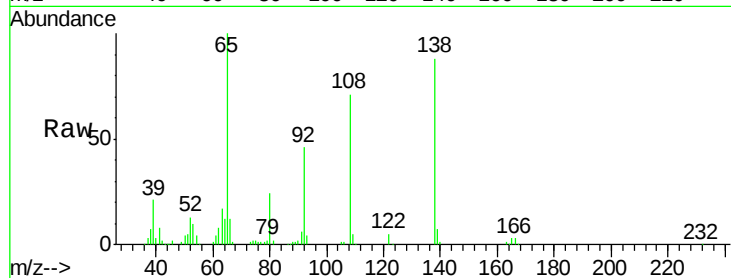
ClientSampleId :

COMPOSITE-A-20150872MSD

Tot Ion:	138	Resp:	114652
Ion Ratio	Lower	Upper	
138	100		
92	52.1	29.0	69.0
108	80.8	47.4	87.4

Manual Integrations
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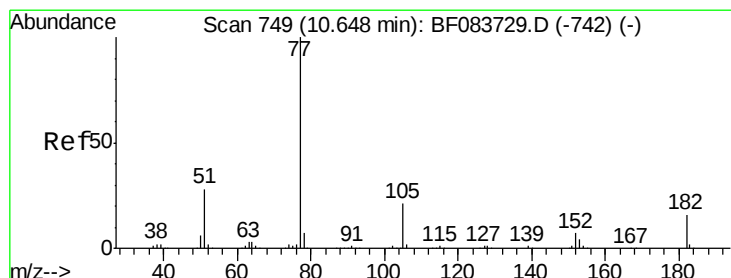
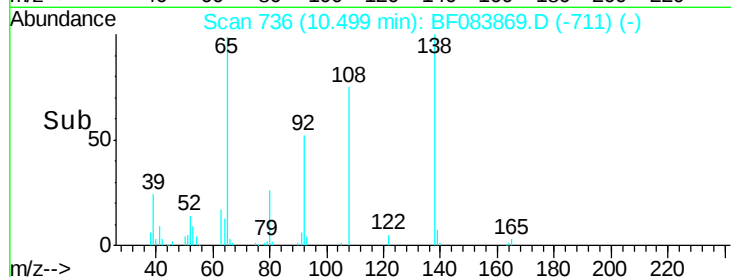
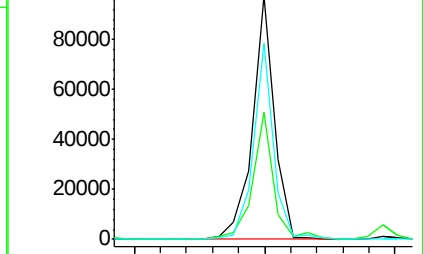
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 34.92 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF083869.D

Acq: 17 Dec 2015 5:52

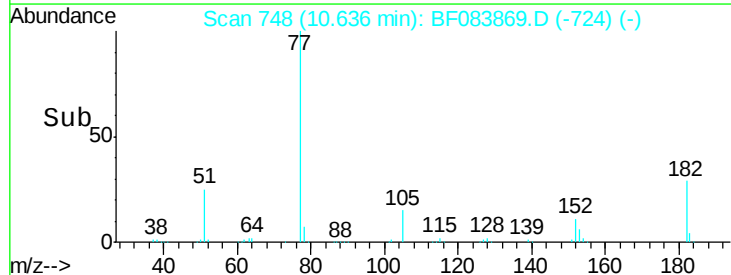
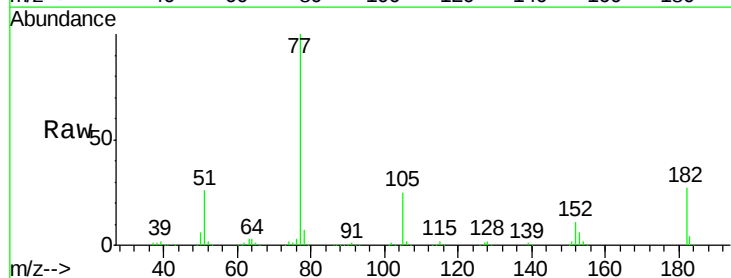
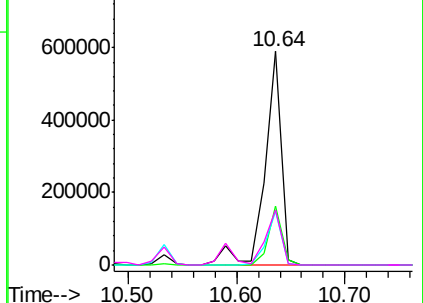
Tgt Ion:	77	Resp:	629893
Ion Ratio	Lower	Upper	
77	100		
182	27.5	2.5	42.5
105	25.2	2.1	42.1
51	25.9	9.3	49.3

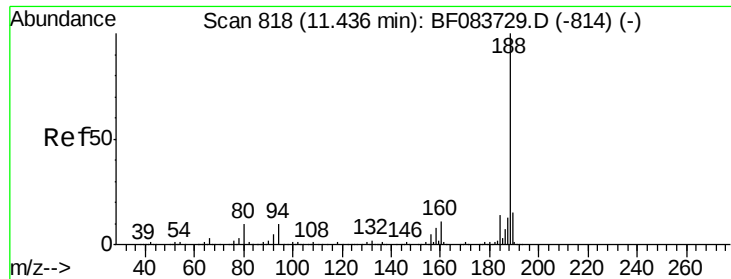
Abundance Ion 77.00 (76.70 to 77.70): BF0

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





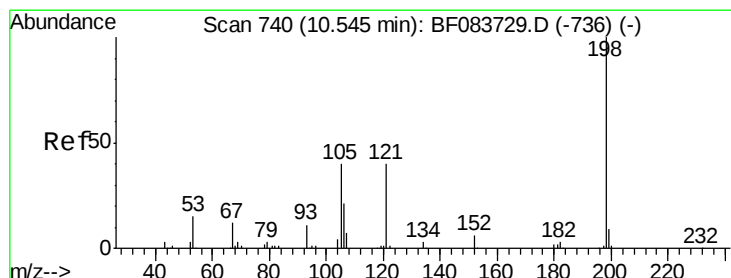
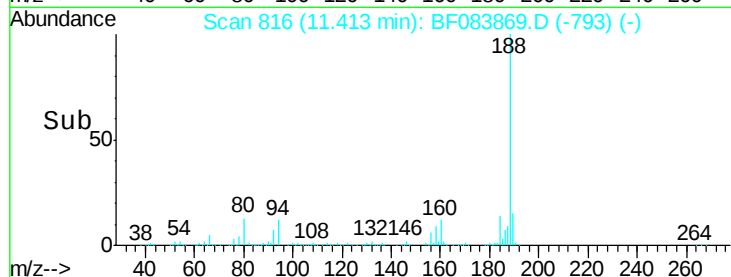
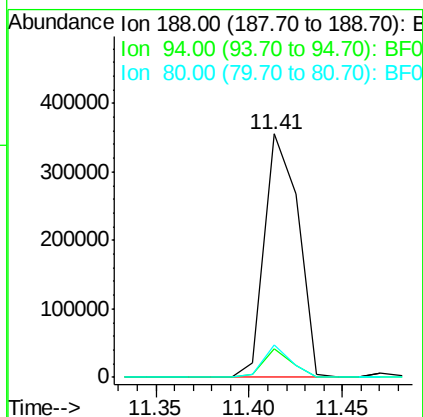
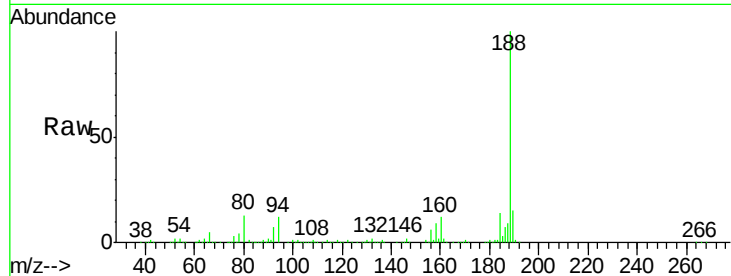
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF083869.D
Acq: 17 Dec 2015 5:52

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-A-20150872MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	445411		
94	11.9		9.4	14.2
80	13.2		10.6	16.0

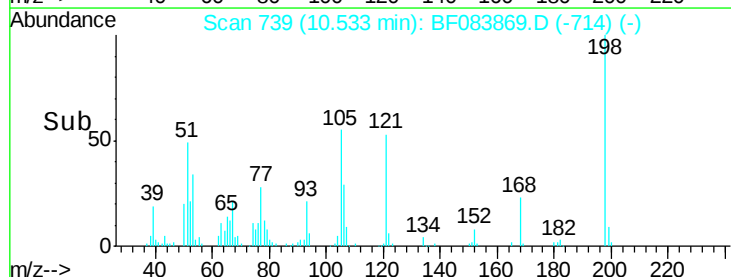
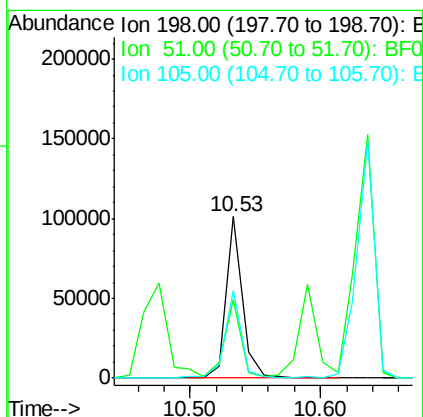
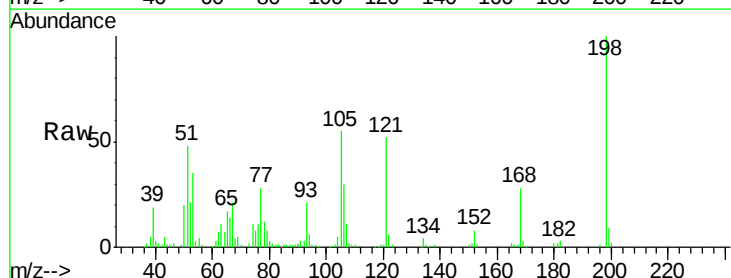
Manual Integrations
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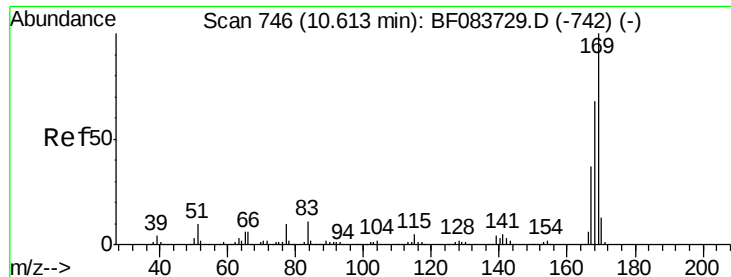
MMdadoda
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#64
4,6-Dinitro-2-methylphenol
Concen: 34.64 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF083869.D
Acq: 17 Dec 2015 5:52

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	87785		
51	48.5		53.8	93.8#
105	54.6		38.6	78.6





#65

n-Nitrosodiphenylamine

Concen: 32.16 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF083869.D

Acq: 17 Dec 2015 5:52

Instrument :

BNA_F

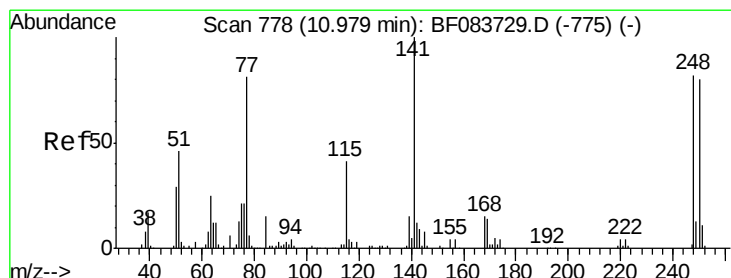
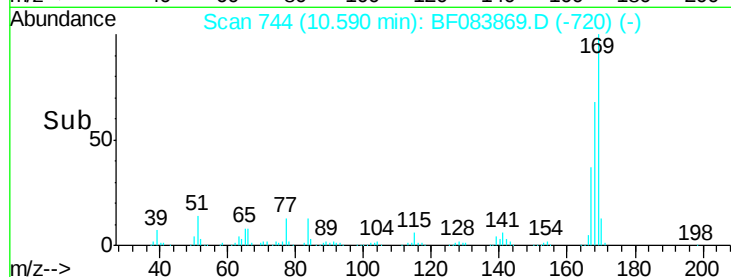
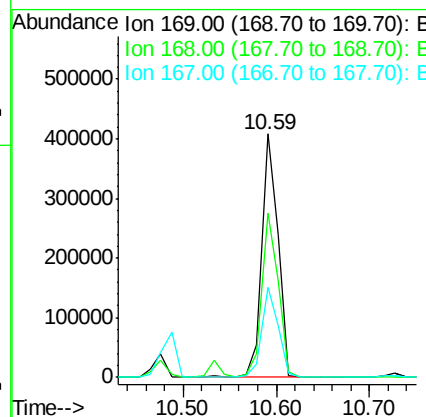
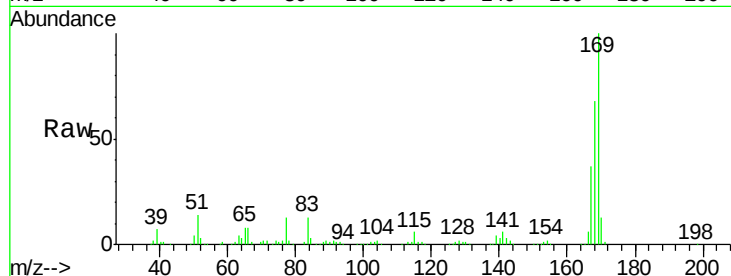
ClientSampleId :

COMPOSITE-A-20150872MSD

Tot Ion:	169	Resp:	489934
Ion Ratio	Lower	Upper	
169	100		
168	67.6	53.0	79.6
167	36.7	29.3	43.9

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#66

4-Bromophenyl-phenylether

Concen: 35.26 ng

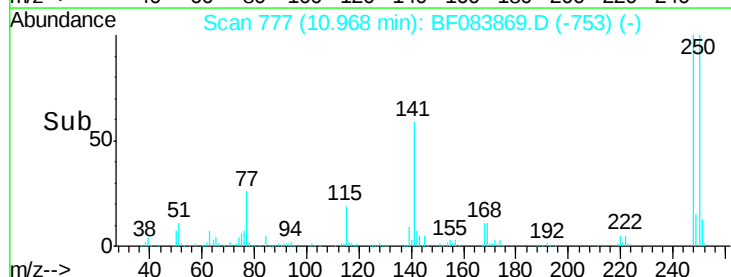
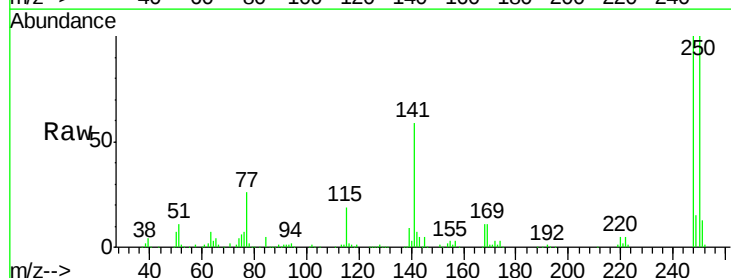
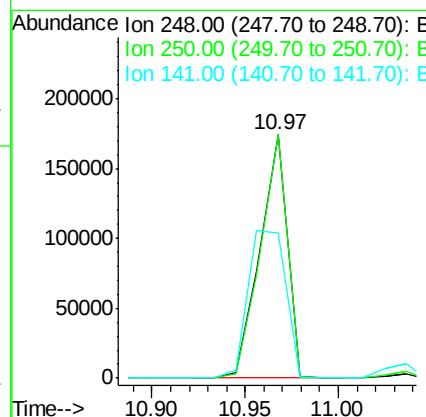
RT: 10.97 min Scan# 777

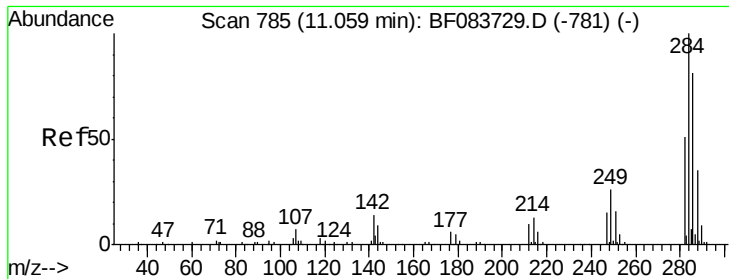
Delta R.T. -0.02 min

Lab File: BF083869.D

Acq: 17 Dec 2015 5:52

Tgt Ion:	248	Resp:	175608
Ion Ratio	Lower	Upper	
248	100		
250	100.1	79.2	118.8
141	59.6	58.2	87.4





#67

Hexachlorobenzene

Concen: 35.64 ng

RT: 11.04 min Scan# 783

Delta R.T. -0.02 min

Lab File: BF083869.D

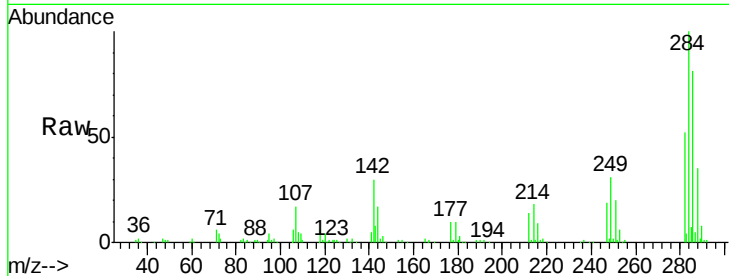
Acq: 17 Dec 2015 5:52

Instrument :

BNA_F

ClientSampleId :

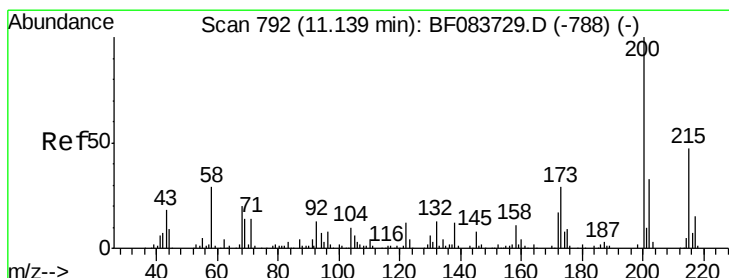
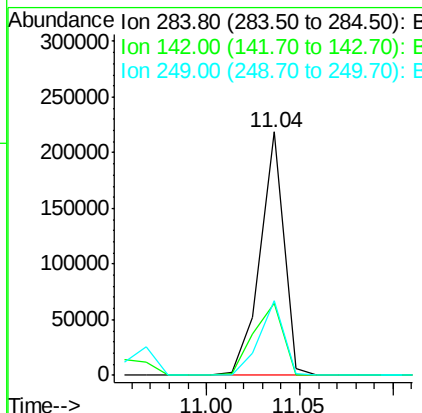
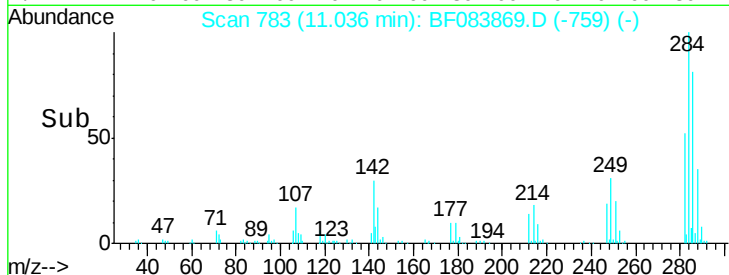
COMPOSITE-A-20150872MSD



Tot Ion:	284	Resp:	192045
Ion Ratio		Lower	Upper
284	100		
142	29.5	31.0	46.4#
249	30.7	26.9	40.3

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#68

Atrazine

Concen: 35.27 ng

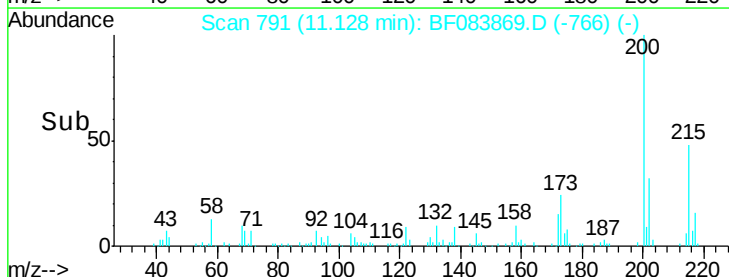
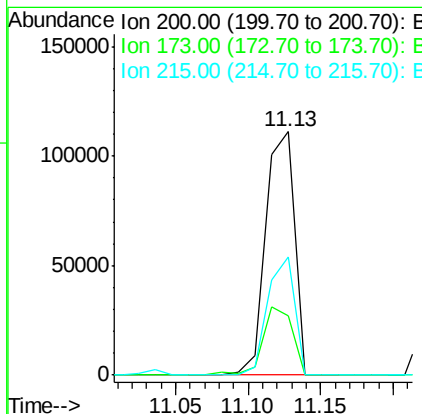
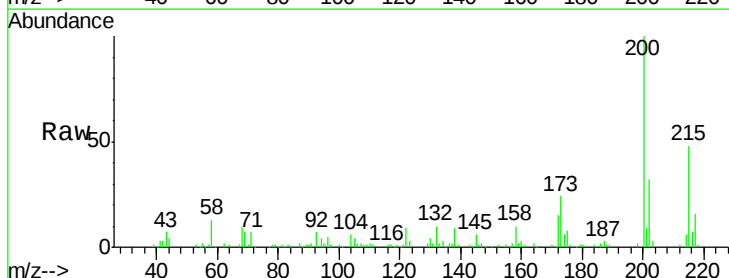
RT: 11.13 min Scan# 791

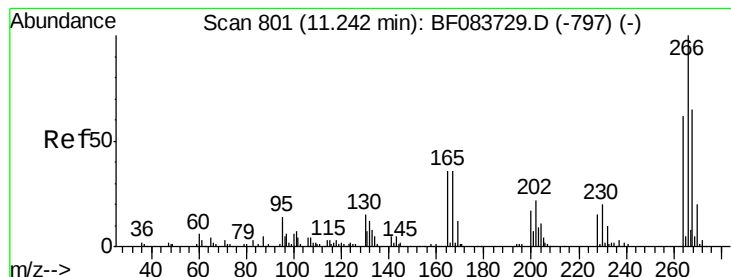
Delta R.T. -0.01 min

Lab File: BF083869.D

Acq: 17 Dec 2015 5:52

Tgt Ion:	200	Resp:	152869
Ion Ratio		Lower	Upper
200	100		
173	24.1	7.8	47.8
215	48.4	25.7	65.7





#69

Pentachlorophenol

Concen: 63.97 ng

RT: 11.23 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF083869.D

Acq: 17 Dec 2015 5:52

Instrument :

BNA_F

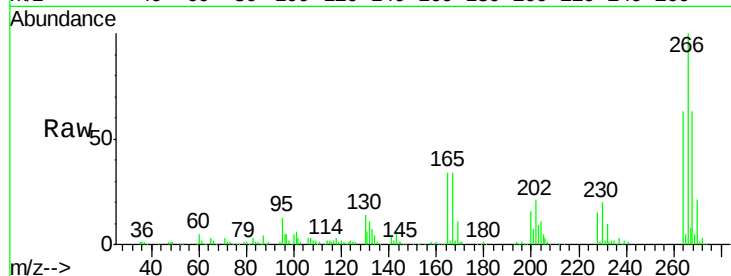
ClientSampleId :

COMPOSITE-A-20150872MSD

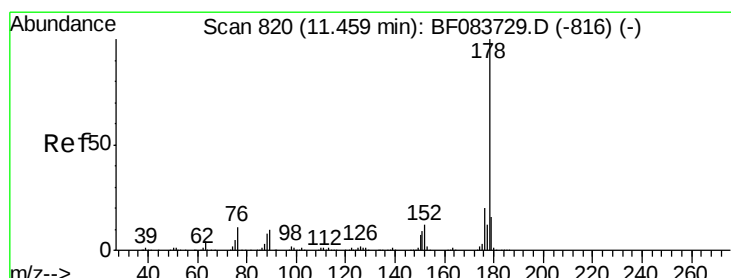
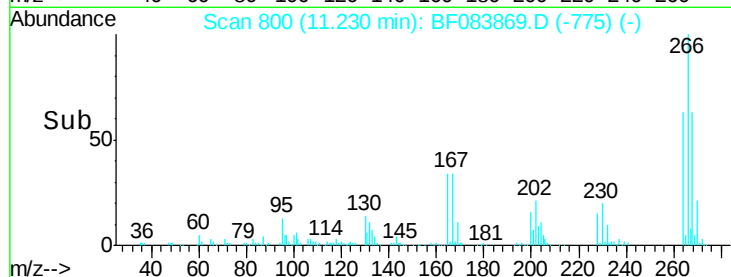
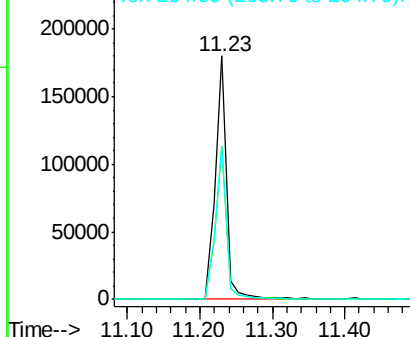
Tot Ion:	266	Resp:	194443
Ion Ratio	Lower	Upper	
266	100		
268	62.7	50.2	75.2
264	62.6	51.4	77.2

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



#70

Phenanthrene

Concen: 37.99 ng

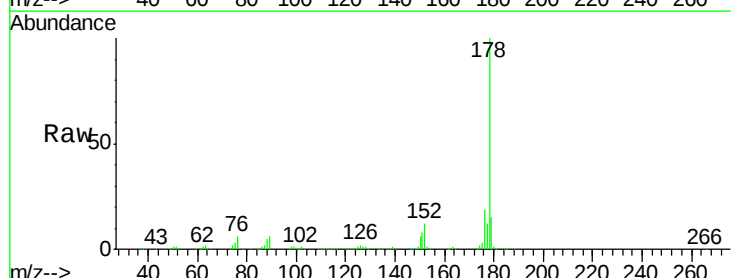
RT: 11.45 min Scan# 819

Delta R.T. -0.02 min

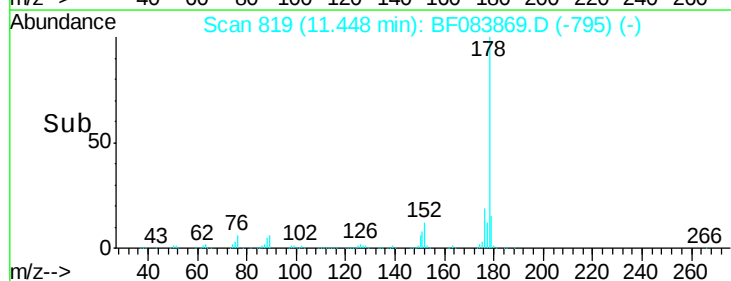
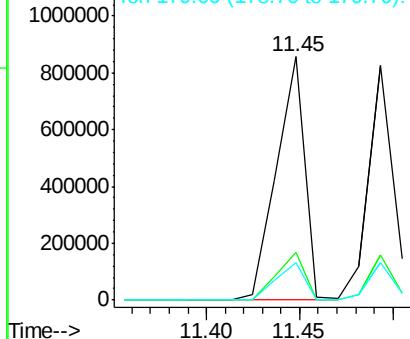
Lab File: BF083869.D

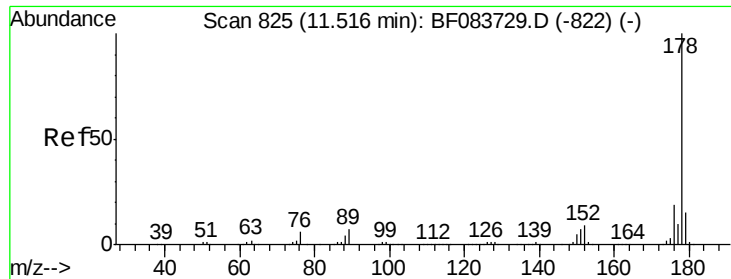
Acq: 17 Dec 2015 5:52

Tgt Ion:	178	Resp:	898999
Ion Ratio	Lower	Upper	
178	100		
176	19.4	15.7	23.5
179	15.5	12.2	18.4



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





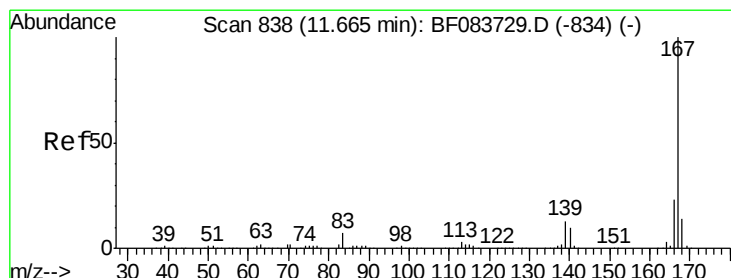
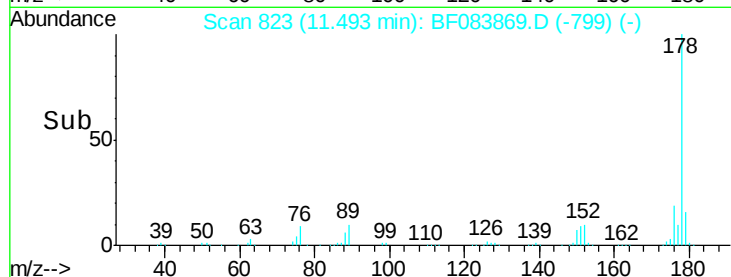
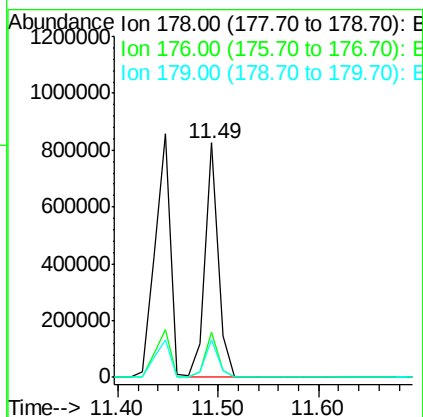
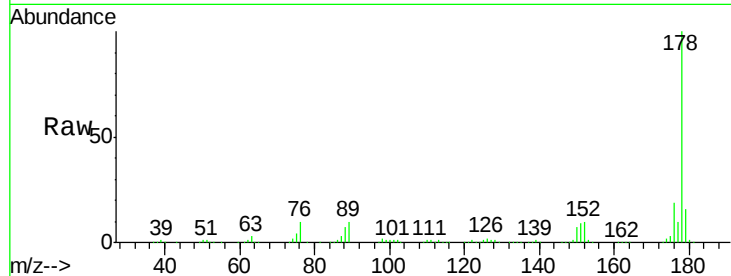
#71
 Anthracene
 Concen: 30.67 ng
 RT: 11.49 min Scan# 823
 Delta R.T. -0.02 min
 Lab File: BF083869.D
 Acq: 17 Dec 2015 5:52

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-A-20150872MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.2	22.8
179	16.2	12.6	18.8

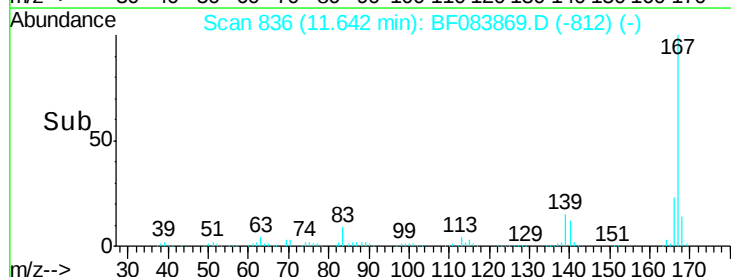
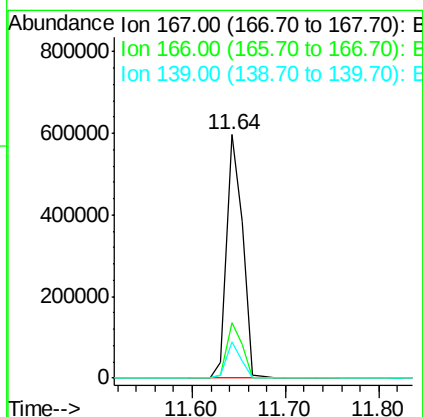
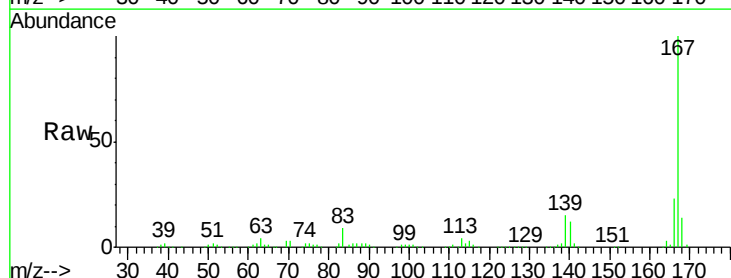
Manual Integrations
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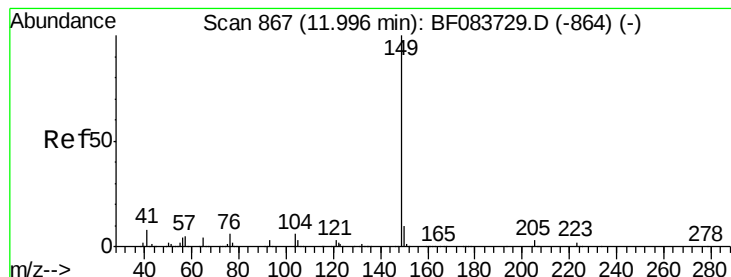
MMdadoda
 12/17/2015 5:35:03 PM



#72
 Carbazole
 Concen: 31.05 ng
 RT: 11.64 min Scan# 836
 Delta R.T. -0.02 min
 Lab File: BF083869.D
 Acq: 17 Dec 2015 5:52

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.2	25.8
139	15.1	9.3	13.9#





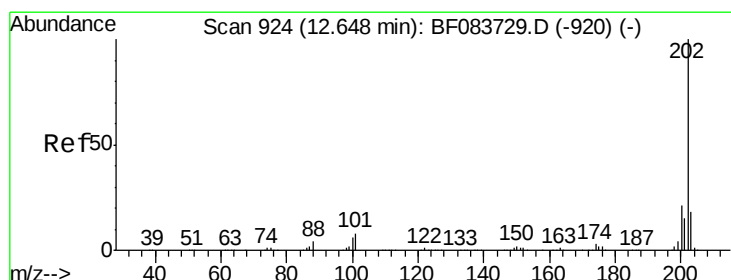
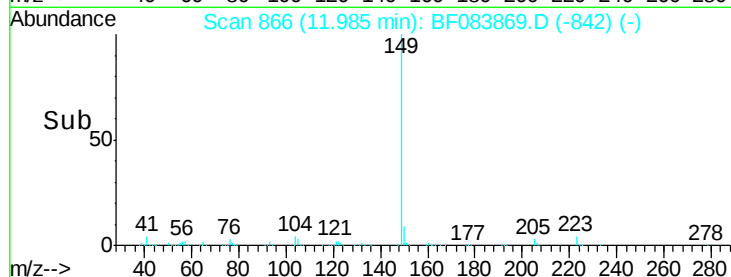
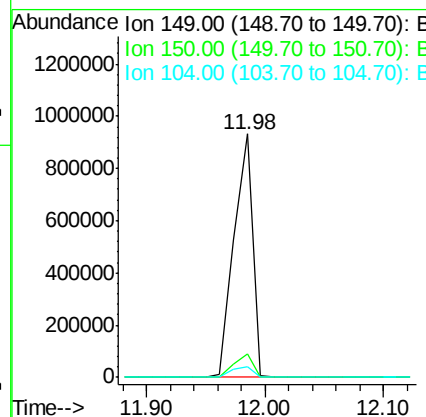
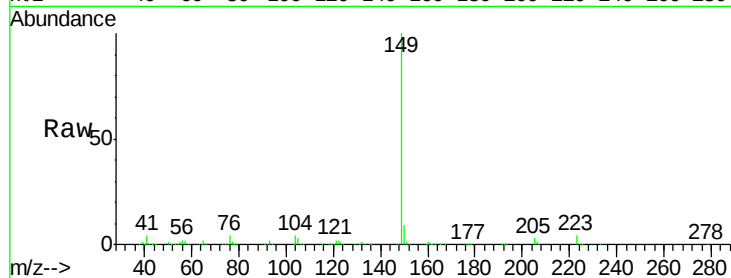
#73
Di-n-butylphthalate
Concen: 36.51 ng
RT: 11.98 min Scan# 866
Delta R.T. -0.02 min
Lab File: BF083869.D
Acq: 17 Dec 2015 5:52

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-A-20150872MSD

Tot Ion:149 Resp: 1015322
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 4.3 3.9 5.9

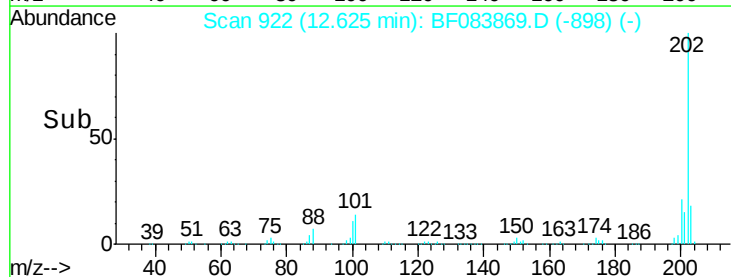
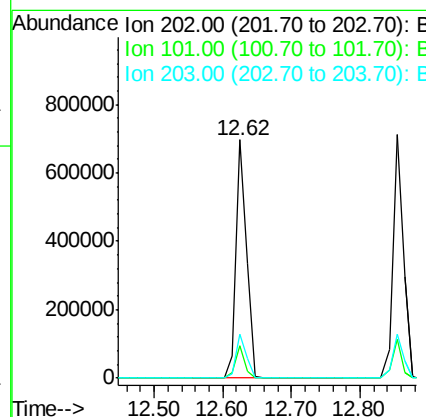
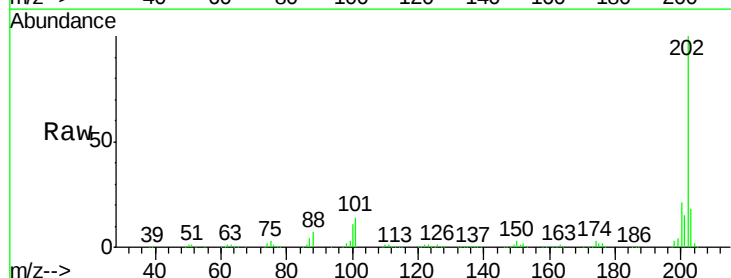
Manual Integrations
APPROVED

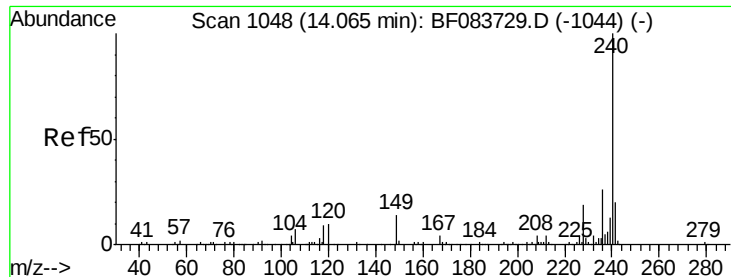
MMdadoda
12/17/2015 5:35:03 PM



#74
Fluoranthene
Concen: 31.16 ng
RT: 12.62 min Scan# 922
Delta R.T. -0.02 min
Lab File: BF083869.D
Acq: 17 Dec 2015 5:52

Tgt Ion:202 Resp: 761851
Ion Ratio Lower Upper
202 100
101 13.7 0.0 31.5
203 18.3 0.0 37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.02 min

Lab File: BF083869.D

Acq: 17 Dec 2015 5:52

Instrument :

BNA_F

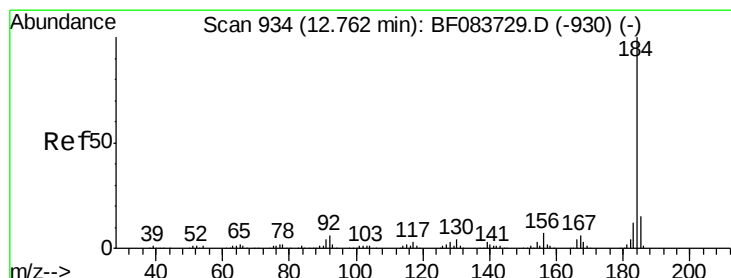
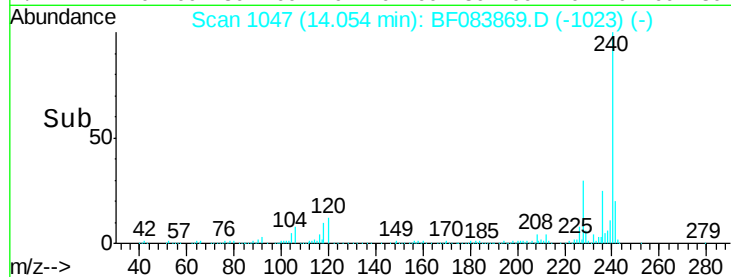
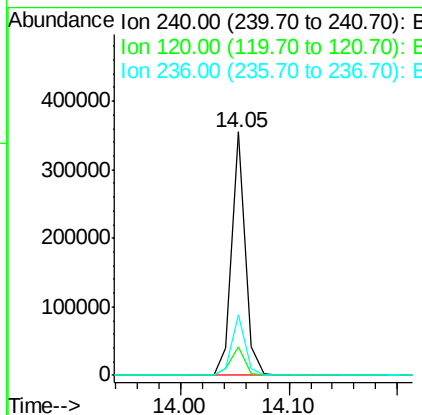
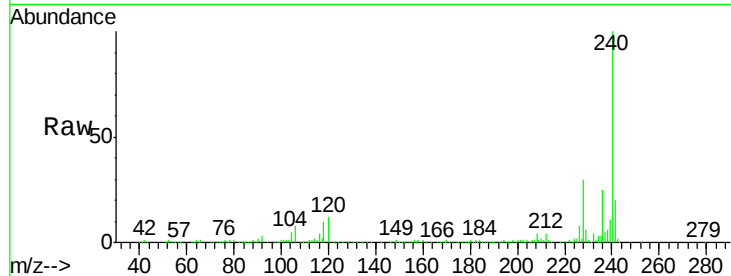
ClientSampleId :

COMPOSITE-A-20150872MSD

Tot Ion:	240	Resp:	303478
Ion Ratio	Lower	Upper	
240	100		
120	11.6	8.1	12.1
236	25.1	20.8	31.2

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#76

Benzidine

Concen: 2.35 ng

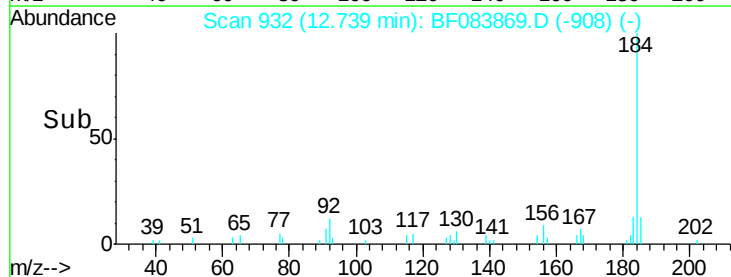
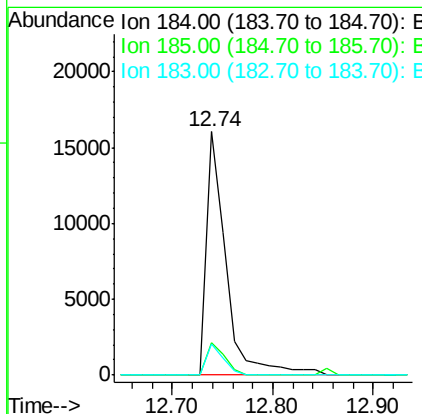
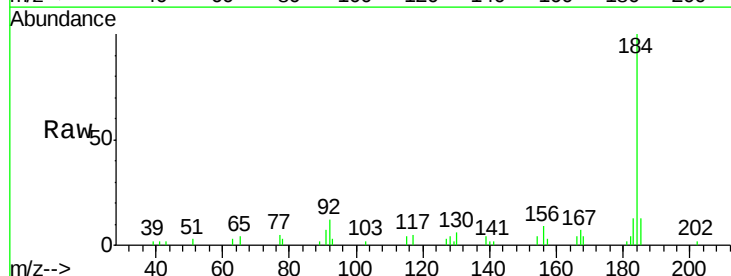
RT: 12.74 min Scan# 932

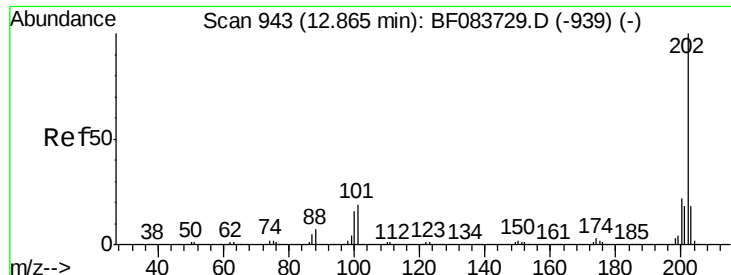
Delta R.T. -0.02 min

Lab File: BF083869.D

Acq: 17 Dec 2015 5:52

Tgt Ion:	184	Resp:	21775
Ion Ratio	Lower	Upper	
184	100		
185	13.3	13.0	19.6
183	12.6	9.0	13.4





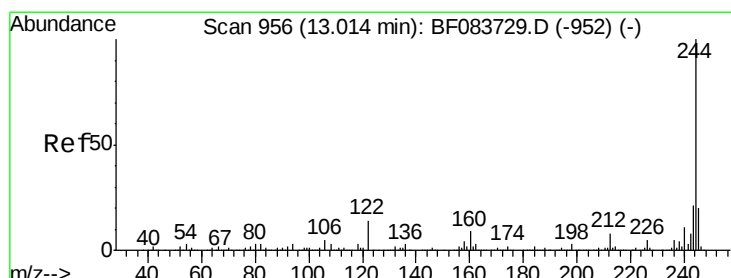
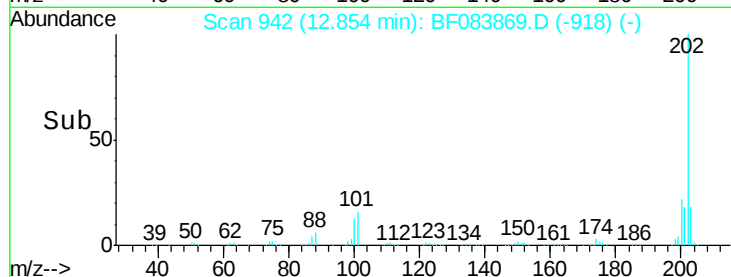
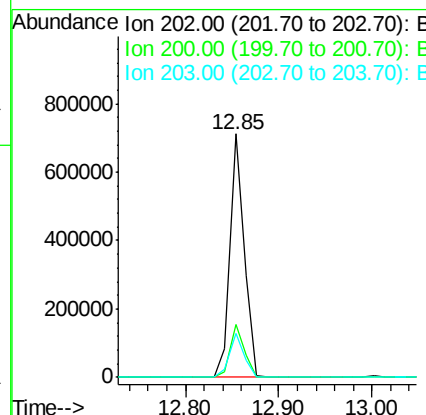
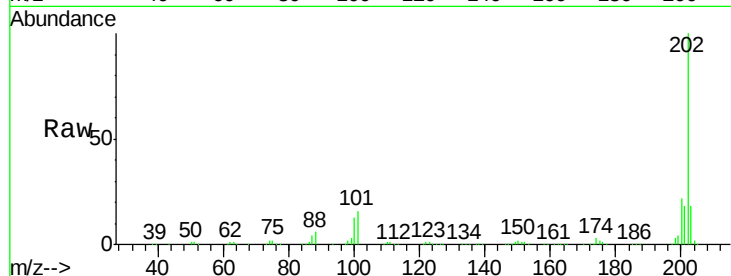
#77
Pvrene
Concen: 31.58 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.02 min
Lab File: BF083869.D
Acq: 17 Dec 2015 5:52

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-A-20150872MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.7	25.1
203	17.9	14.3	21.5

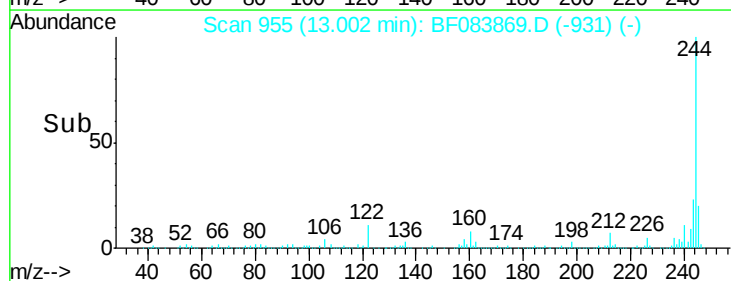
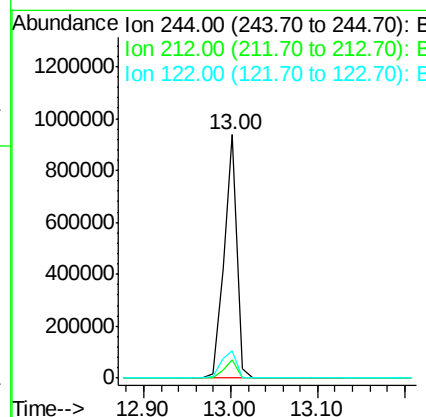
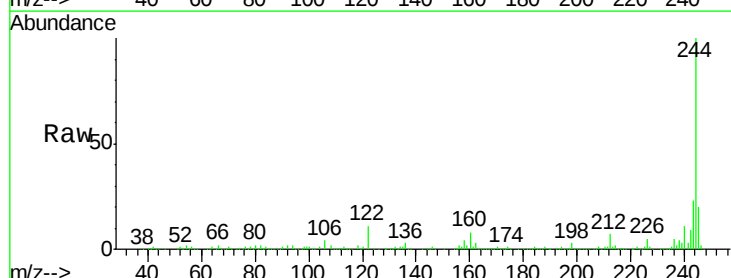
Manual Integrations
APPROVED

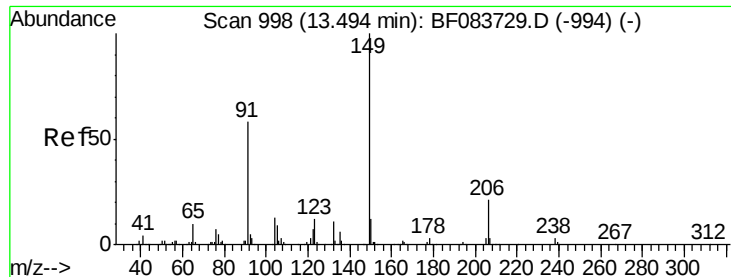
MMdadoda
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#78
Terphenyl-d14
Concen: 68.82 ng
RT: 13.00 min Scan# 955
Delta R.T. -0.02 min
Lab File: BF083869.D
Acq: 17 Dec 2015 5:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	11.1	11.0	16.6





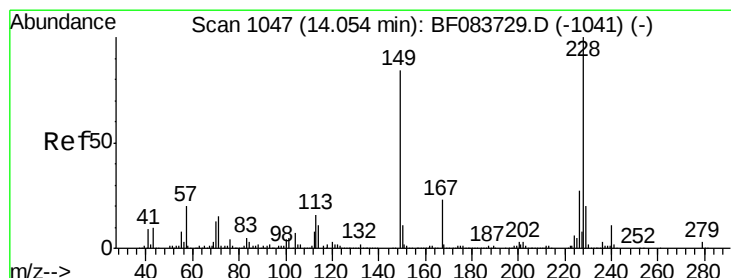
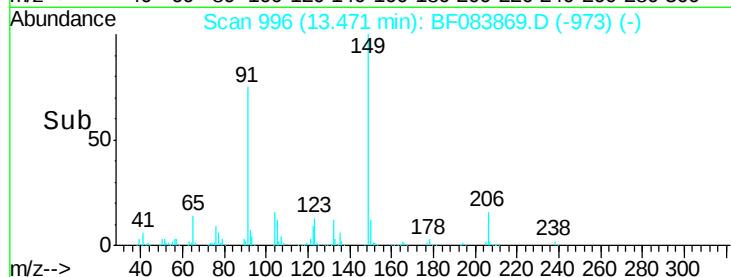
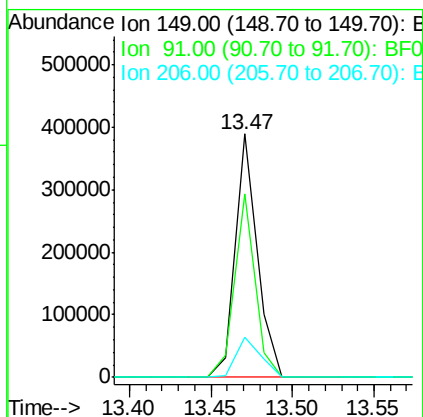
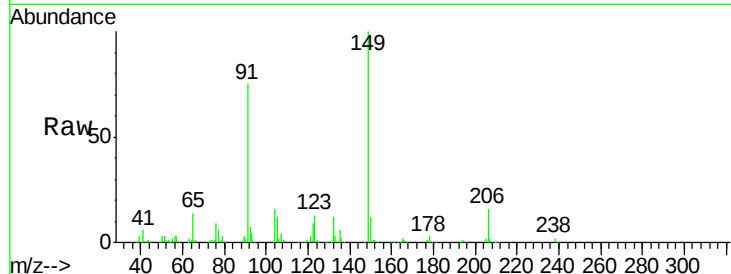
#79
Butylbenzylphthalate
Concen: 34.89 ng
RT: 13.47 min Scan# 996
Delta R.T. -0.03 min
Lab File: BF083869.D
Acq: 17 Dec 2015 5:52

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-A-20150872MSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	75.3	60.0	90.0
206	16.5	16.2	24.4

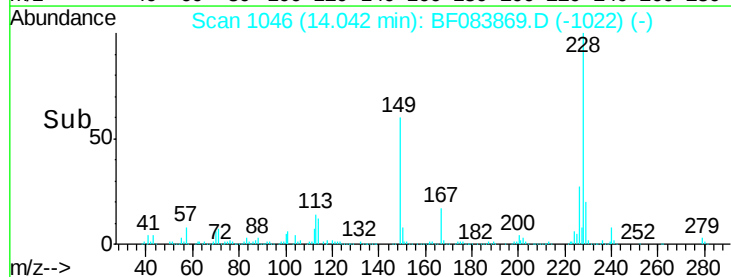
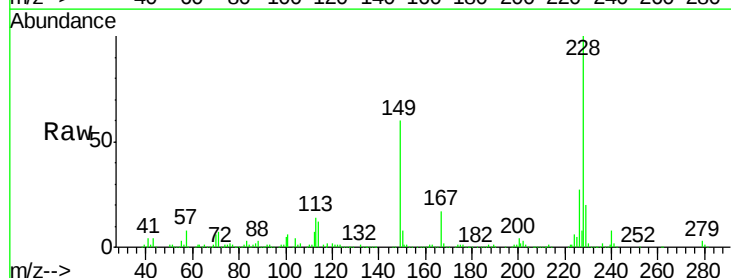
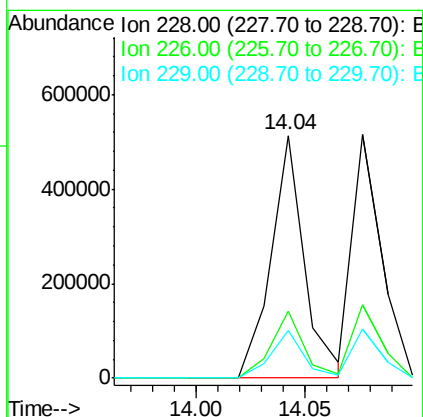
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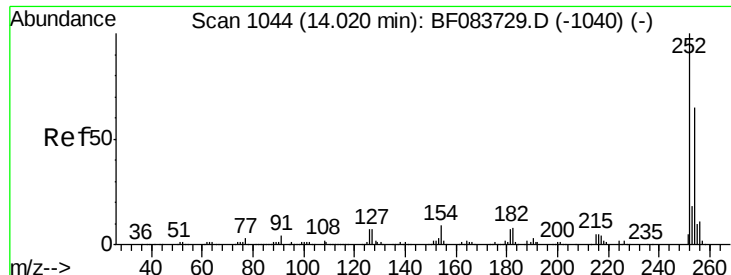
MMdadoda
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#80
Benzo(a)anthracene
Concen: 32.08 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BF083869.D
Acq: 17 Dec 2015 5:52

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	27.4	22.3	33.5
229	19.9	15.7	23.5





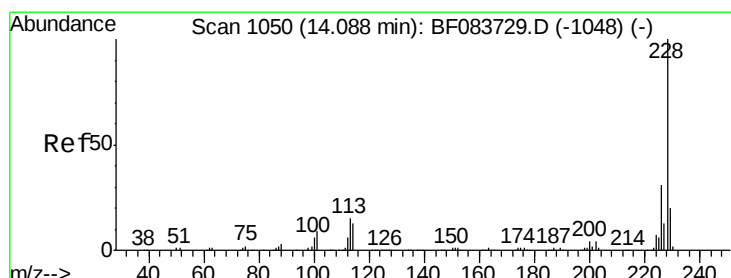
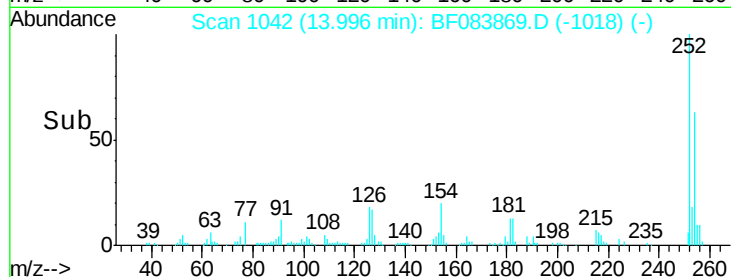
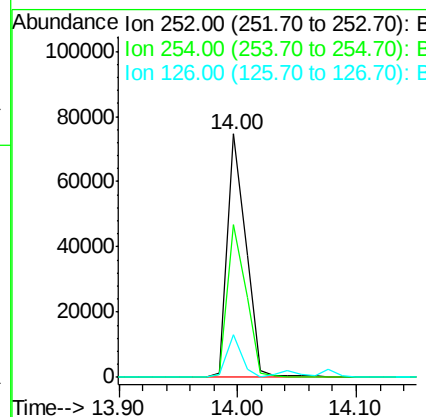
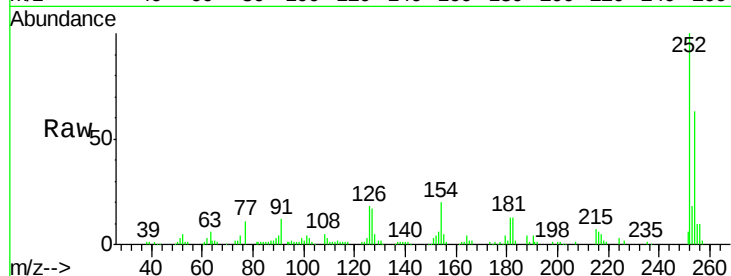
#81
 3,3'-Dichlorobenzidine
 Concen: 12.94 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.02 min
 Lab File: BF083869.D
 Acq: 17 Dec 2015 5:52

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-A-20150872MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.8	50.6	76.0
126	17.5	11.0	16.4

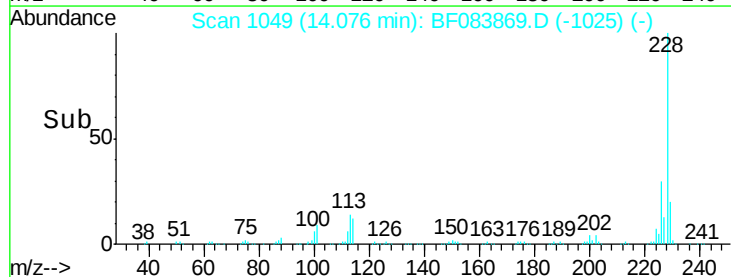
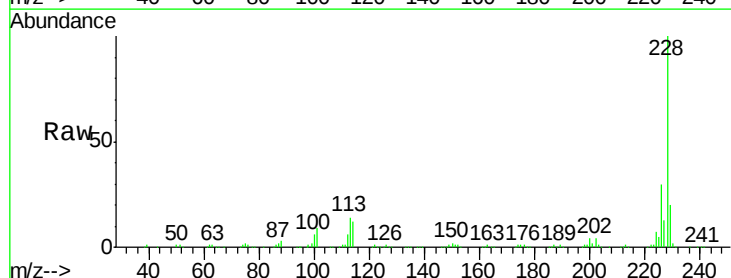
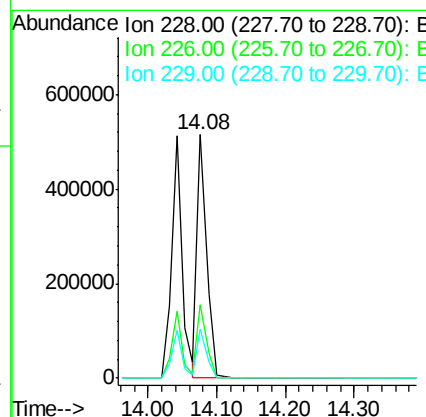
Manual Integrations
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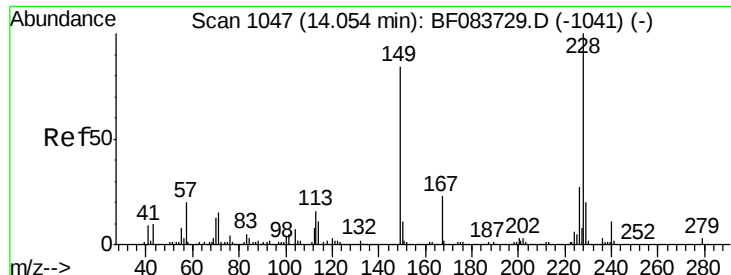
MMdadoda
 12/17/2015 5:35:03 PM



#82
 Chrysene
 Concen: 29.02 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. -0.02 min
 Lab File: BF083869.D
 Acq: 17 Dec 2015 5:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.7	37.1
229	19.9	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.07 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.03 min

Lab File: BF083869.D

Acq: 17 Dec 2015 5:52

Instrument :

BNA_F

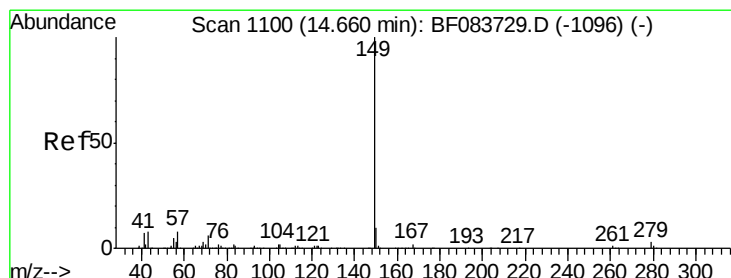
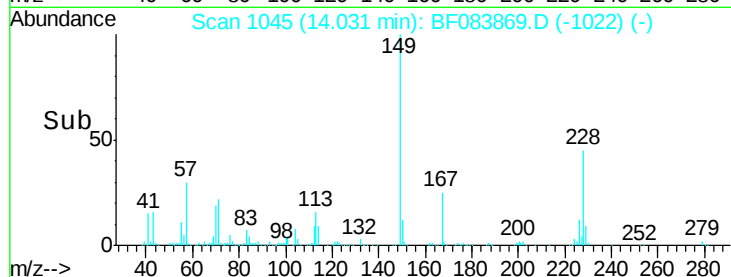
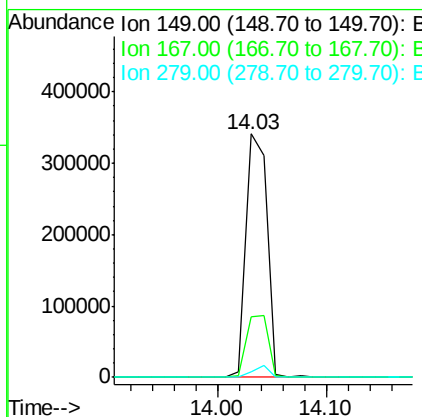
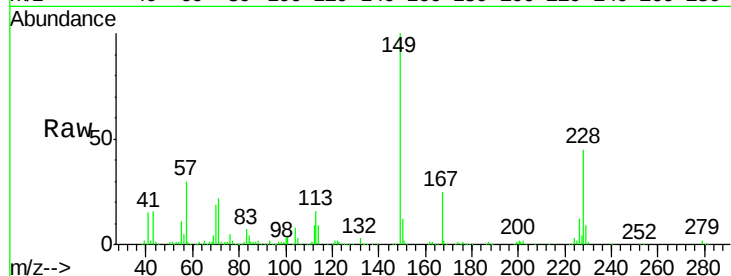
ClientSampleId :

COMPOSITE-A-20150872MSD

Tot Ion:	149	Resp:	457746
Ion Ratio	Lower	Upper	
149	100		
167	24.7	21.8	32.8
279	2.0	3.0	4.4#

Manual Integrations
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MMdadoda
12/17/2015 5:35:03 PM



#84

Di-n-octyl phthalate

Concen: 40.63 ng

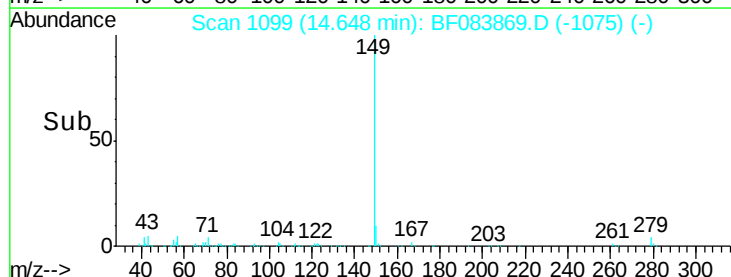
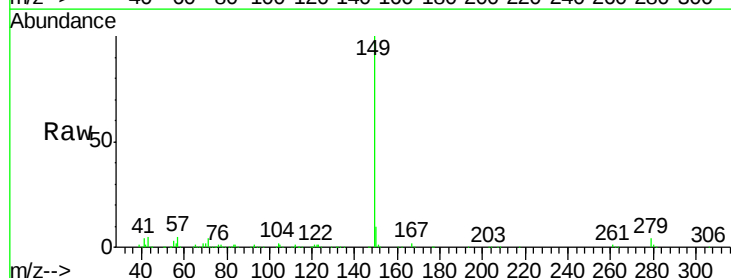
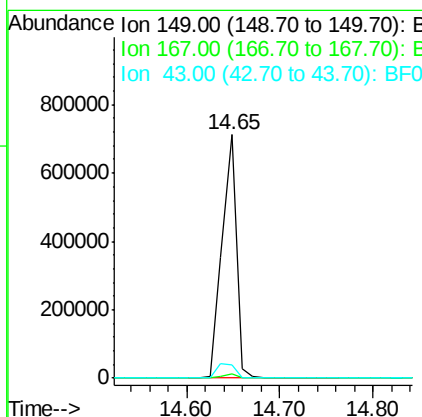
RT: 14.65 min Scan# 1099

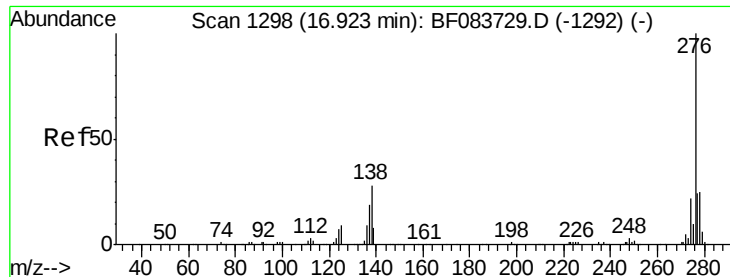
Delta R.T. -0.02 min

Lab File: BF083869.D

Acq: 17 Dec 2015 5:52

Tgt Ion:	149	Resp:	756431
Ion Ratio	Lower	Upper	
149	100		
167	1.5	0.0	0.0#
43	7.3	0.0	0.0#





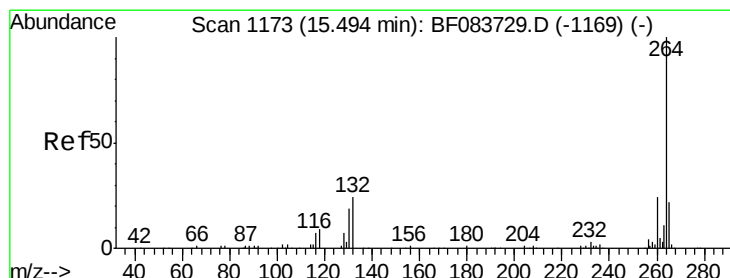
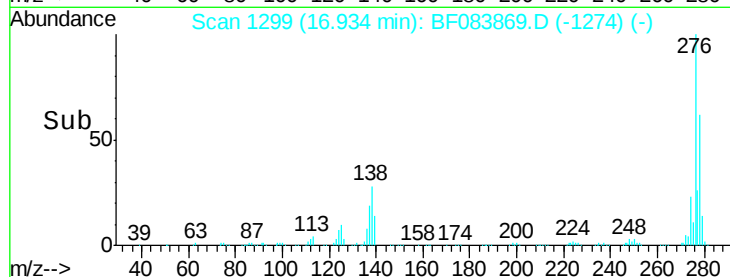
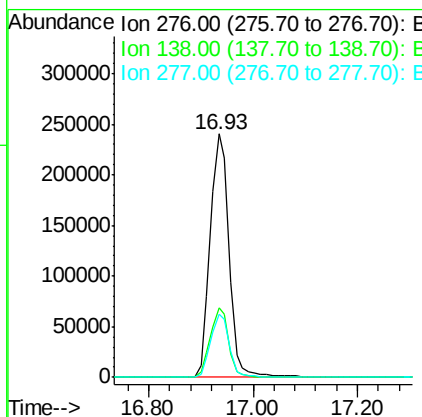
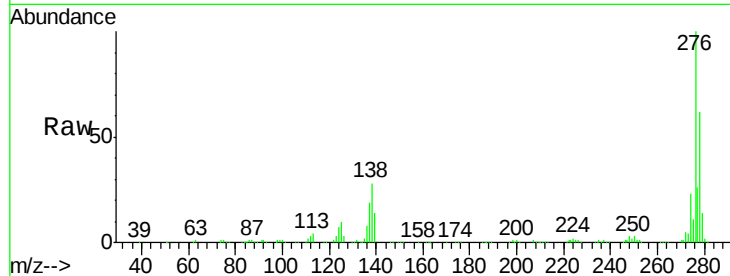
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.73 ng
RT: 16.93 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF083869.D
Acq: 17 Dec 2015 5:52

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-A-20150872MSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	28.1	0.0	0.0#
277	25.5	0.0	0.0#

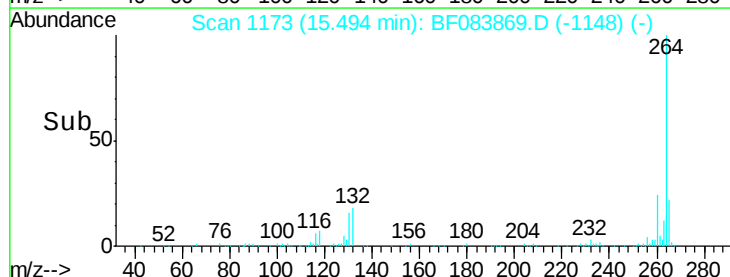
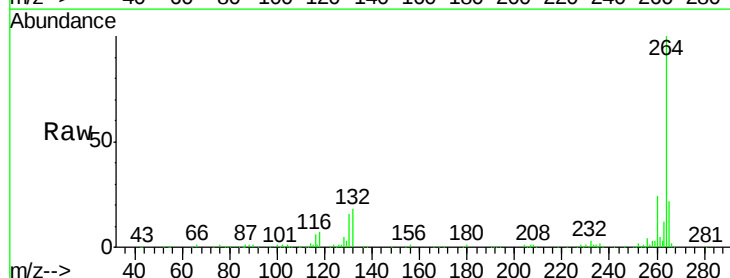
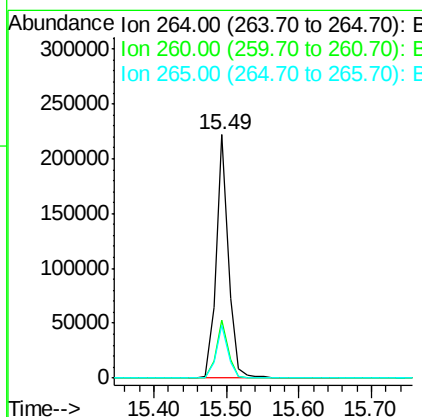
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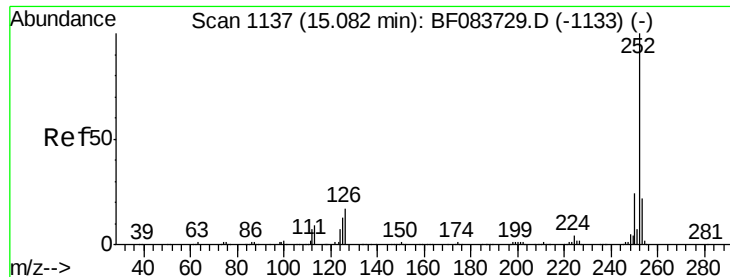
MMdadoda
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF083869.D
Acq: 17 Dec 2015 5:52

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.0	19.4	29.0
265	21.8	17.8	26.6





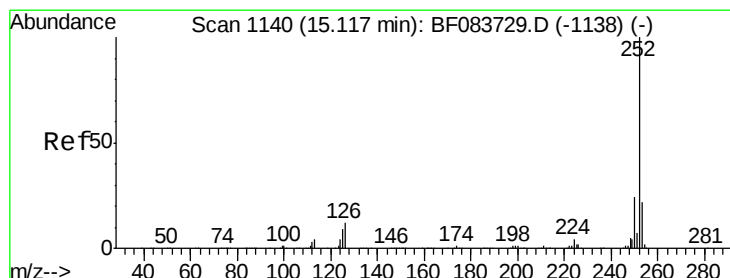
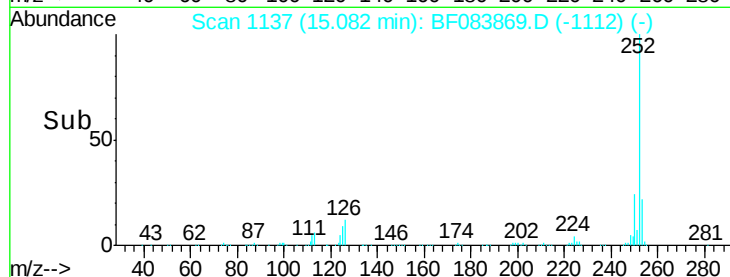
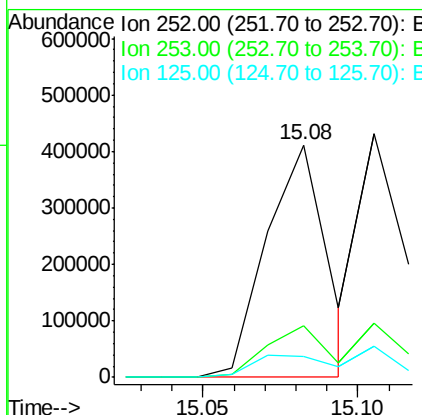
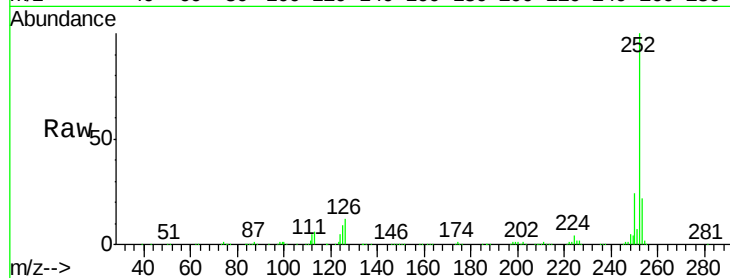
#87
Benzo(b)fluoranthene
Concen: 33.56 ng m
RT: 15.08 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF083869.D
Acq: 17 Dec 2015 5:52

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-A-20150872MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	556736		
253	22.1		18.2	27.4
125	9.2		8.2	12.4

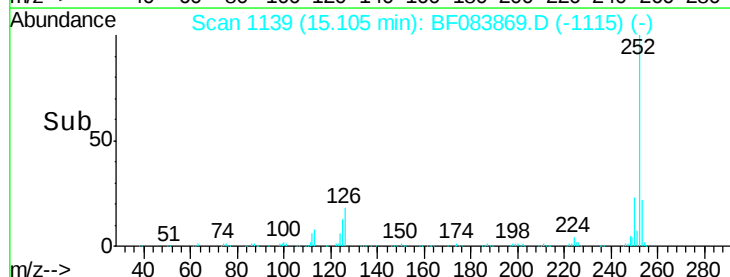
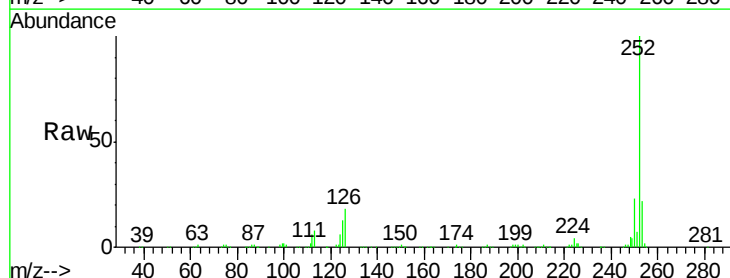
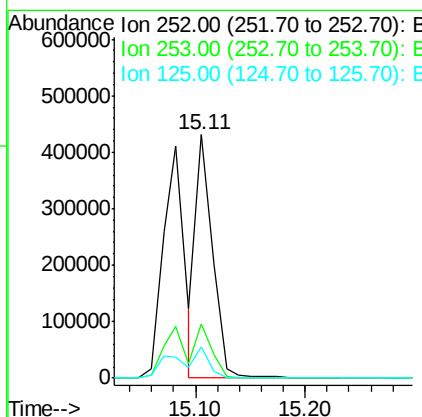
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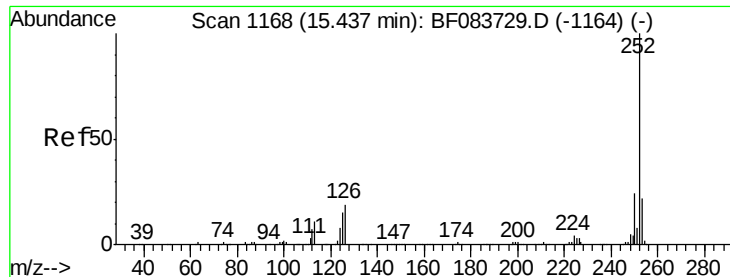
MMdadoda
12/17/2015 5:35:03 PM



#88
Benzo(k)fluoranthene
Concen: 30.49 ng m
RT: 15.11 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BF083869.D
Acq: 17 Dec 2015 5:52

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	458275		
253	22.1		18.6	27.8
125	12.6		11.5	17.3





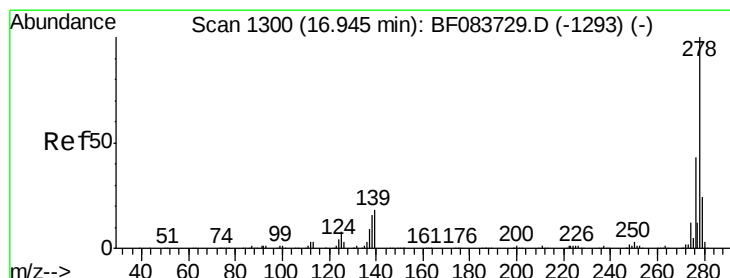
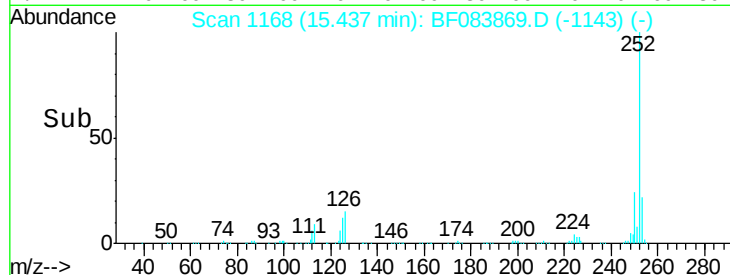
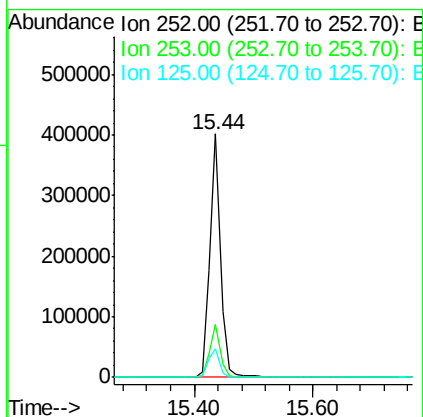
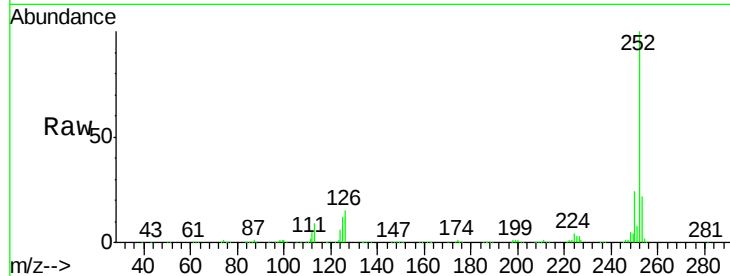
#89
Benzo(a)pyrene
Concen: 33.84 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF083869.D
Acq: 17 Dec 2015 5:52

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-A-20150872MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	11.8	11.0	16.6

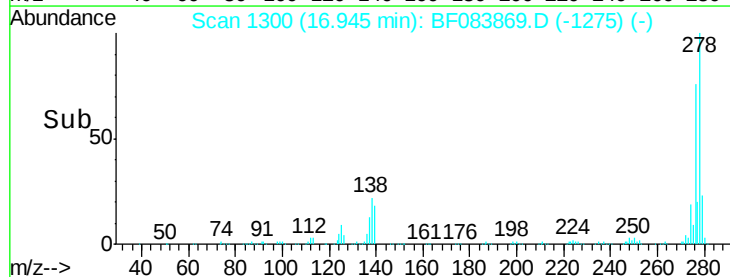
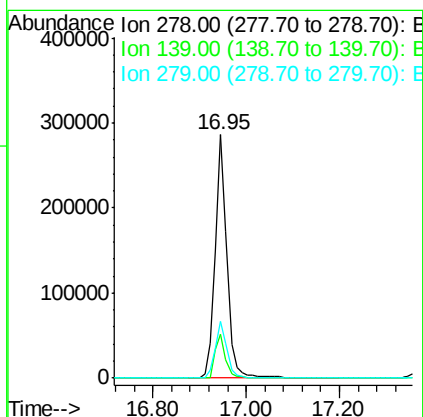
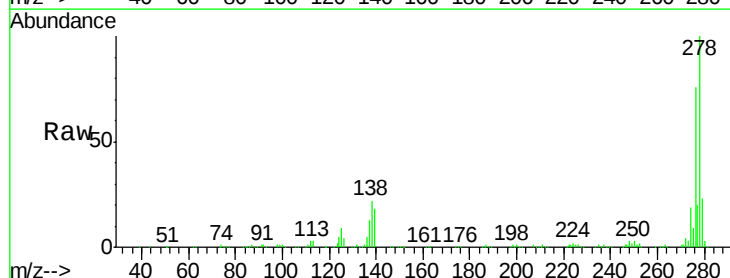
Manual Integrations
APPROVED

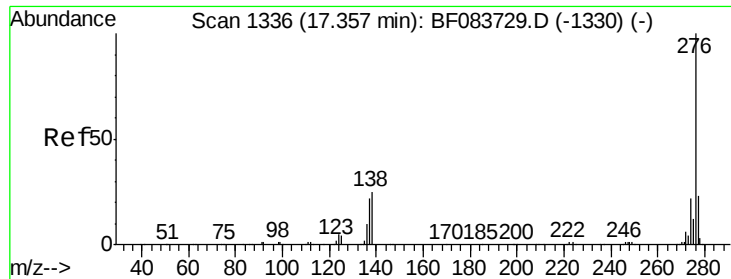
MMdadoda
12/17/2015 5:35:03 PM



#90
Dibenzo(a,h)anthracene
Concen: 34.36 ng
RT: 16.95 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF083869.D
Acq: 17 Dec 2015 5:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.1	12.8	19.2
279	23.4	18.6	28.0





#91
 Benzo(a,h,i)perylene
 Concen: 33.89 ng
 RT: 17.37 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF083869.D
 Acq: 17 Dec 2015 5:52

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-A-20150872MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	23.8	19.5	29.3

Manual Integrations
 APPROVED

MMdadoda
 12/17/2015 5:35:03 PM

