

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
 Data File : BF083600.D
 Acq On : 8 Dec 2015 17:19
 Operator : UM/IZ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Mmdadoda
 12/9/2015 6:13:18 PM

Quant Time: Dec 08 17:47:45 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 08 17:21:02 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.70	152	158951	20.00	ng	0.00
21) Naphthalene-d8	7.61	136	618419	20.00	ng	0.00
38) Acenaphthene-d10	10.40	164	303347	20.00	ng	0.01
63) Phenanthrene-d10	12.78	188	562072	20.00	ng	0.00
75) Chrysene-d12	17.00	240	416038	20.00	ng	0.01
86) Perylene-d12	18.64	264	313544	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	3.97	112	1599720	152.24	ng	0.00
7) Phenol-d6	5.29	99	2140577	148.22	ng	0.01
23) Nitrobenzene-d5	6.56	82	2091104	158.49	ng	0.02
41) 2,4,6-Tribromophenol	11.69	330	427142	152.98	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	3022036	135.86	ng	0.01
78) Terphenyl-d14	15.43	244	2721025	147.51	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.81	88	387421	71.27	ng	98
3) Pyridine	2.26	79	1071597	83.11	ng	100
4) n-Nitrosodimethylamine	2.24	42	551880	83.56	ng	96
6) Aniline	5.26	93	1405860	75.26	ng	92
8) 2-Chlorophenol	5.42	128	876246	75.24	ng	96
9) Benzaldehyde	5.10	77	424141	51.83	ng	99
10) Phenol	5.31	94	1322283	77.42	ng	# 73
11) bis(2-Chloroethyl)ether	5.38	93	930281	74.18	ng	97
12) 1,3-Dichlorobenzene	5.62	146	984642	76.08	ng	98
13) 1,4-Dichlorobenzene	5.72	146	998196	75.53	ng	99
14) 1,2-Dichlorobenzene	5.94	146	897041	73.60	ng	98
15) Benzyl Alcohol	5.96	79	821170	81.71	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.13	45	1742830	74.75	ng	72
17) 2-Methylphenol	6.16	107	734720	76.20	ng	# 90
18) Hexachloroethane	6.42	117	354684	76.57	ng	93
19) n-Nitroso-di-n-propylamine	6.36	70	768050	79.54	ng	97
20) 3+4-Methylphenols	6.40	107	968028	77.92	ng	92
22) Acetophenone	6.34	105	1382897	77.77	ng	# 100
24) Nitrobenzene	6.58	77	1131836	77.61	ng	92
25) Isophorone	6.96	82	2043379	80.36	ng	99
26) 2-Nitrophenol	7.05	139	462773	80.33	ng	98
27) 2,4-Dimethylphenol	7.17	122	779594	76.88	ng	96
28) bis(2-Chloroethoxy)methane	7.30	93	1131572	79.96	ng	98
29) 2,4-Dichlorophenol	7.45	162	730077	79.60	ng	98
30) 1,2,4-Trichlorobenzene	7.53	180	781531	77.10	ng	99
31) Naphthalene	7.64	128	2442099	74.45	ng	98
32) Benzoic acid	7.56	122	546483	100.21	ng	95
33) 4-Chloroaniline	7.78	127	946237	74.21	ng	# 93
34) Hexachlorobutadiene	7.85	225	459489	76.72	ng	98
35) Caprolactam	8.45	113	233291m	80.01	ng	
36) 4-Chloro-3-methylphenol	8.62	107	830052	80.39	ng	99
37) 2-Methylnaphthalene	8.74	142	1494964	73.42	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	740633	74.13	ng	# 100
40) Hexachlorocyclopentadiene	8.99	237	194578	72.69	ng	98

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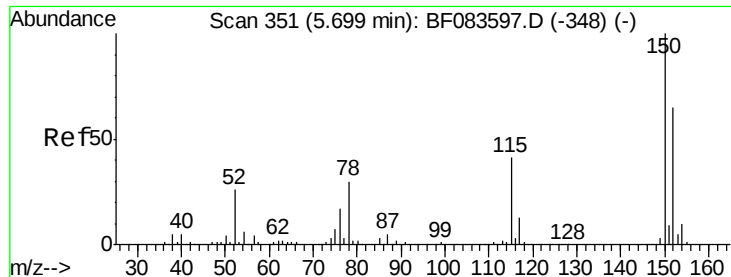
Manual Integrations
 APPROVED

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 12/9/2015 6:13:18 PM

Quant Time: Dec 08 17:47:45 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	463806	74.49	ng	98
43) 2,4,5-Trichlorophenol	9.32	196	460540	71.94	ng	98
45) 1,1'-Biphenyl	9.50	154	1901016	70.74	ng	98
46) 2-Chloronaphthalene	9.52	162	1444409	71.21	ng	95
47) 2-Nitroaniline	9.73	65	568736	78.61	ng	97
48) Acenaphthylene	10.17	152	2397013	72.21	ng	99
49) Dimethylphthalate	10.06	163	1864870	77.84	ng	99
50) 2,6-Dinitrotoluene	10.14	165	386337	76.83	ng	92
51) Acenaphthene	10.45	154	1369050	71.49	ng	99
52) 3-Nitroaniline	10.42	138	419620	77.05	ng	87
53) 2,4-Dinitrophenol	10.61	184	196246	90.28	ng	99
54) Dibenzofuran	10.74	168	1939565	73.00	ng	96
55) 4-Nitrophenol	10.81	139	208999	71.03	ng	# 67
56) 2,4-Dinitrotoluene	10.81	165	533326	80.51	ng	# 86
57) Fluorene	11.29	166	1619090	70.34	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.98	232	382721	79.41	ng	# 100
59) Diethylphthalate	11.21	149	1805926	78.47	ng	97
60) 4-Chlorophenyl-phenylether	11.31	204	796166	71.89	ng	100
61) 4-Nitroaniline	11.44	138	401853	81.64	ng	90
62) Azobenzene	11.57	77	1974987	79.32	ng	97
64) 4,6-Dinitro-2-methylphenol	11.48	198	310167	86.58	ng	# 75
65) n-Nitrosodiphenylamine	11.54	169	1404330	75.57	ng	98
66) 4-Bromophenyl-phenylether	12.10	248	473392	76.86	ng	98
67) Hexachlorobenzene	12.18	284	502376	76.36	ng	# 89
68) Atrazine	12.45	200	396187	70.37	ng	99
69) Pentachlorophenol	12.53	266	144969	58.87	ng	99
70) Phenanthrene	12.83	178	2325226	71.36	ng	98
71) Anthracene	12.92	178	2452263	73.64	ng	99
72) Carbazole	13.22	167	2114209	73.97	ng	96
73) Di-n-butylphthalate	13.84	149	2717572	78.35	ng	98
74) Fluoranthene	14.75	202	2417280	74.53	ng	96
76) Benzidine	15.03	184	854727	58.04	ng	# 95
77) Pyrene	15.12	202	2413803	78.19	ng	98
79) Butylbenzylphthalate	16.25	149	1136694	92.26	ng	93
80) Benzo(a)anthracene	16.99	228	1925408	79.38	ng	99
81) 3,3'-Dichlorobenzidine	16.98	252	614820	78.51	ng	96
82) Chrysene	17.04	228	1838727	75.84	ng	99
83) Bis(2-ethylhexyl)phthalate	17.09	149	1515072	92.39	ng	# 99
84) Di-n-octyl phthalate	17.86	149	2317265	98.03	ng	# 100
85) Indeno(1,2,3-cd)pyrene	19.86	276	1303291	65.04	ng	# 100
87) Benzo(h)fluoranthene	18.25	252	1633215m	92.85	ng	
88) Benzo(k)fluoranthene	18.28	252	1208612m	66.03	ng	
89) Benzo(a)pyrene	18.58	252	1309078	76.64	ng	# 96
90) Dibenzo(a,h)anthracene	19.87	278	1105189	69.75	ng	96
91) Benzo(g,h,i)perylene	20.21	276	1107960	69.56	ng	98

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



#1

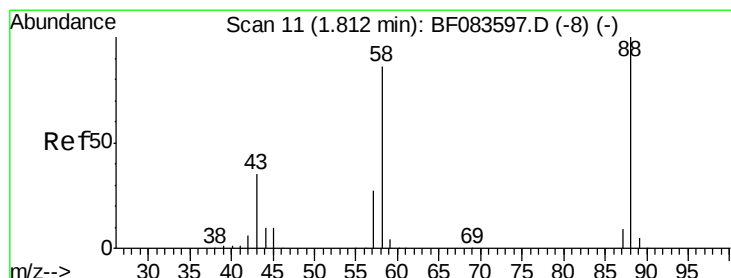
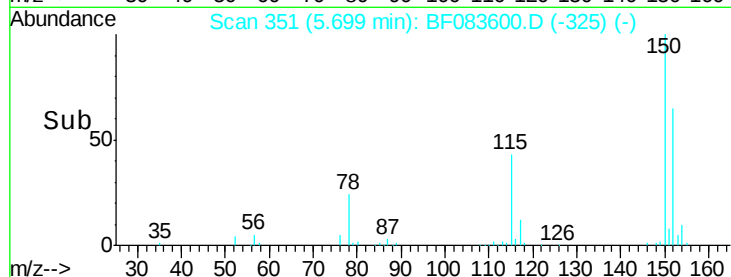
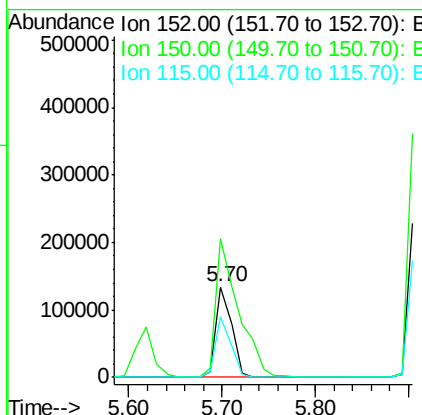
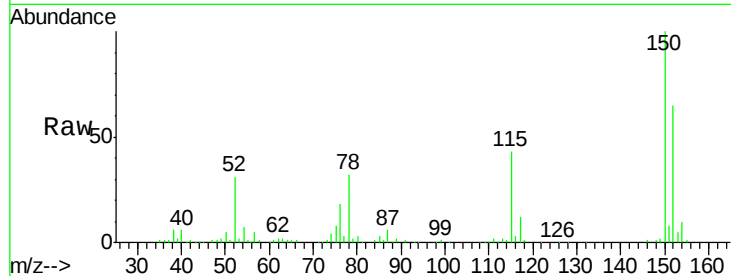
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.70 min Scan# 351
Delta R.T. 0.00 min
Lab File: BF083600.D
Acq: 8 Dec 2015 17:19

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.4	126.5	189.7
115	66.6	52.3	78.5

Manual Integrations
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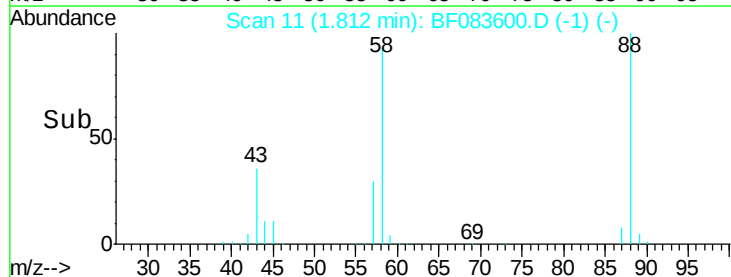
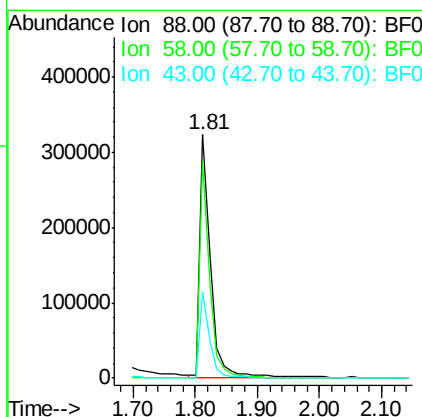
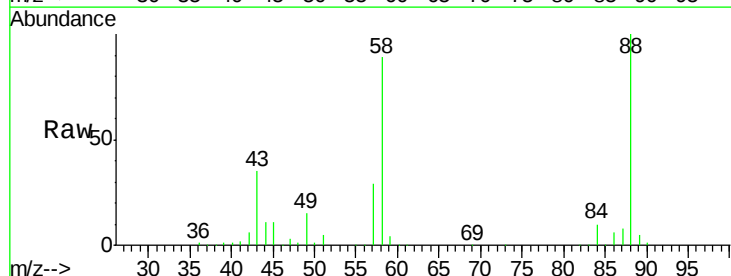
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12/9/2015 6:13:18 PM

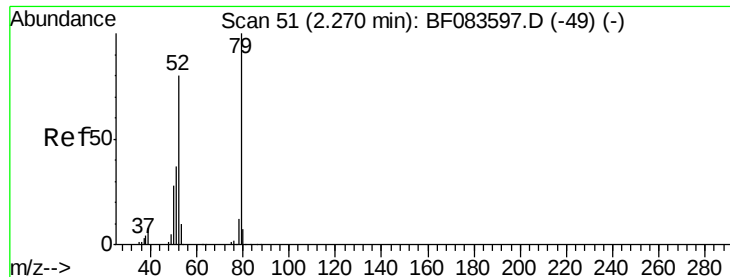


#2

1,4-Dioxane
Concen: 71.27 ng
RT: 1.81 min Scan# 11
Delta R.T. 0.00 min
Lab File: BF083600.D
Acq: 8 Dec 2015 17:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.5	68.0	102.0
43	32.9	27.9	41.9





#3

Pyridine

Concen: 83.11 ng

RT: 2.26 min Scan# 50

Delta R.T. -0.01 min

Lab File: BF083600.D

Acq: 8 Dec 2015 17:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tgt Ion: 79 Resp: 1071597

Ion Ratio Lower Upper

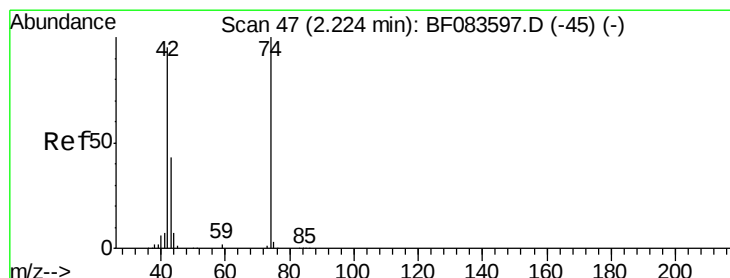
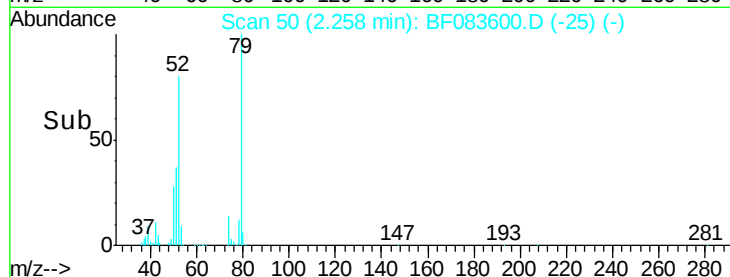
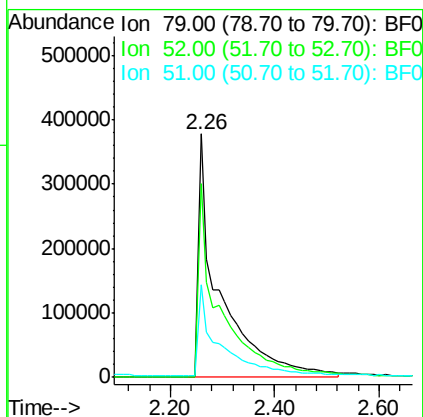
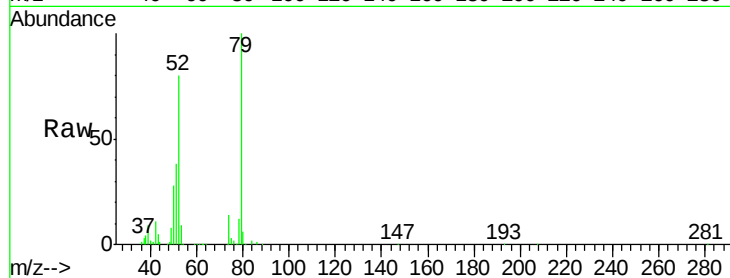
79 100

52 79.8 63.7 95.5

51 38.2 30.6 45.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 83.56 ng

RT: 2.24 min Scan# 48

Delta R.T. 0.01 min

Lab File: BF083600.D

Acq: 8 Dec 2015 17:19

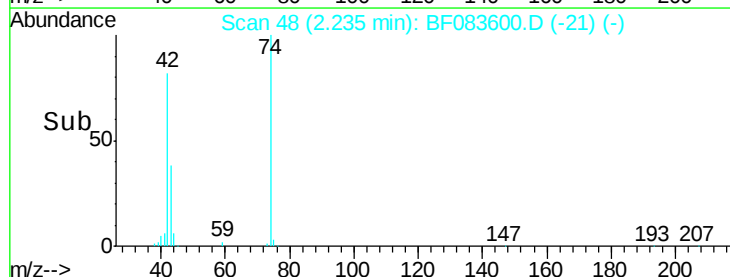
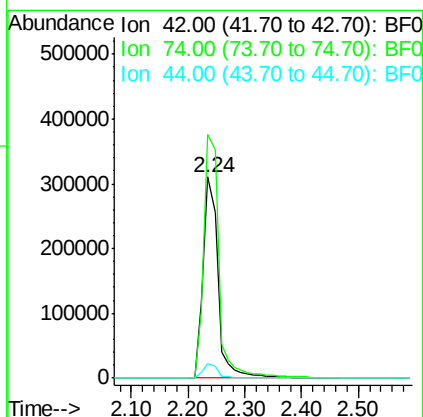
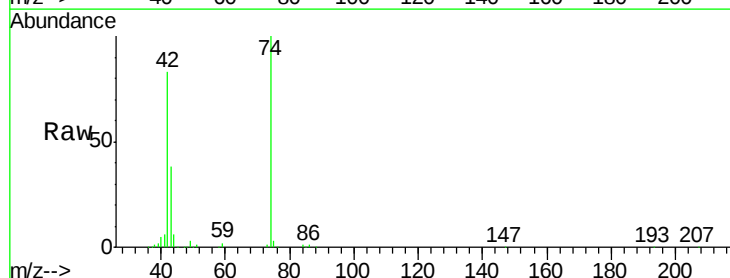
Tgt Ion: 42 Resp: 551880

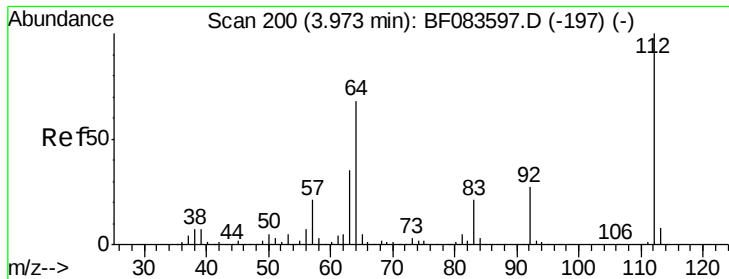
Ion Ratio Lower Upper

42 100

74 121.0 92.9 139.3

44 7.5 5.7 8.5





#5

2-Fluorophenol

Concen: 152.24 ng

RT: 3.97 min Scan# 200

Delta R.T. 0.00 min

Lab File: BF083600.D

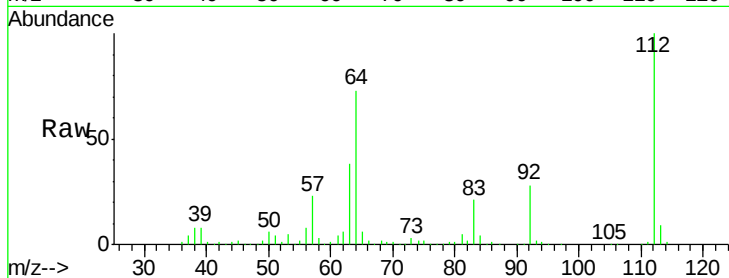
Acq: 8 Dec 2015 17:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion: 112 Resp: 1599720

Ion Ratio Lower Upper

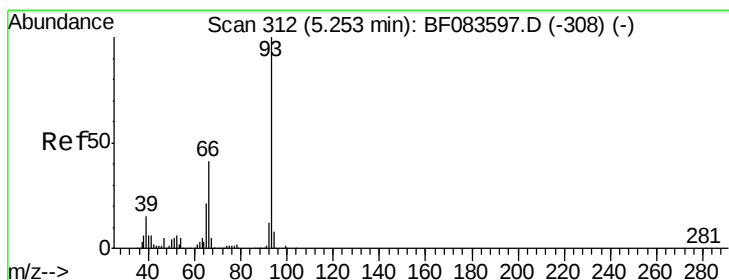
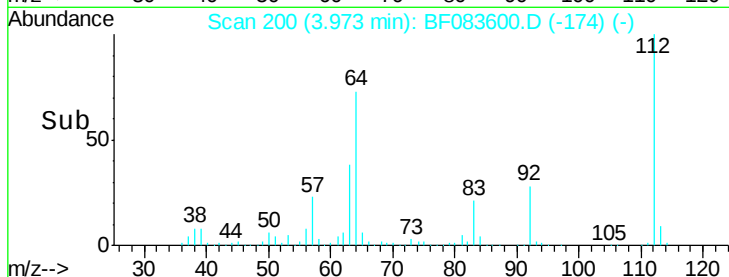
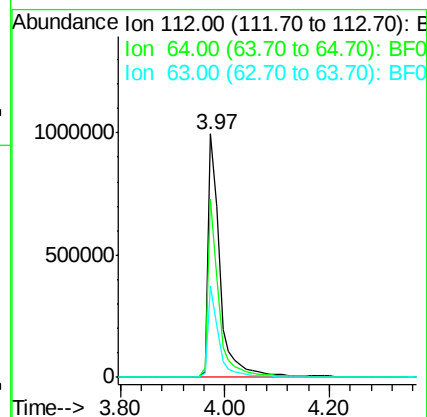
112 100

64 73.3 50.5 75.7

63 37.7 25.8 38.6

Manual Integrations
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#6

Aniline

Concen: 75.26 ng

RT: 5.26 min Scan# 313

Delta R.T. 0.01 min

Lab File: BF083600.D

Acq: 8 Dec 2015 17:19

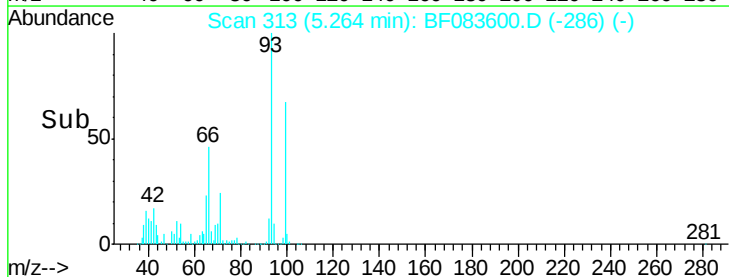
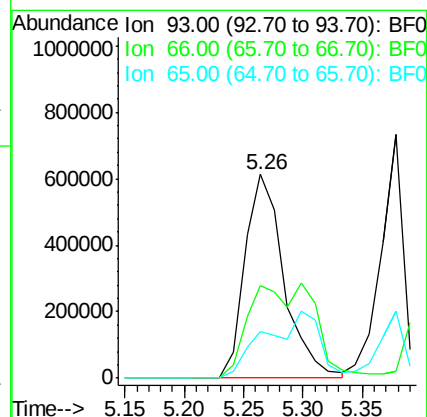
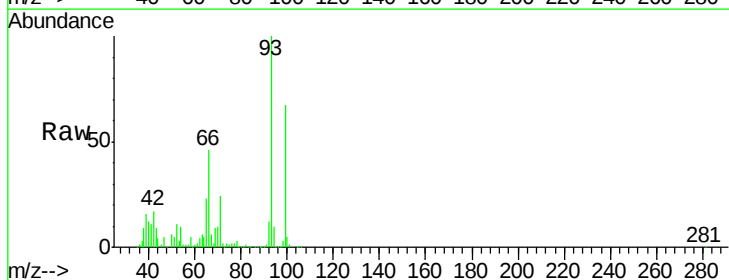
Tgt Ion: 93 Resp: 1405860

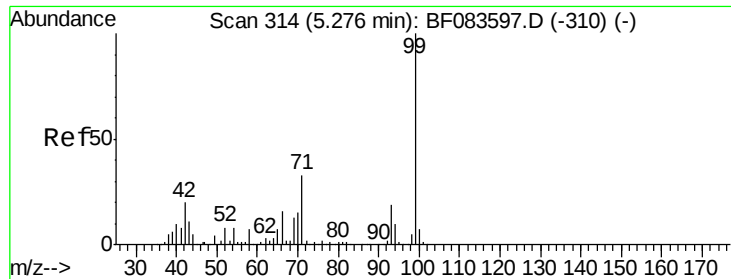
Ion Ratio Lower Upper

93 100

66 45.7 41.3 61.9

65 22.6 20.8 31.2





#7

Phenol-d6

Concen: 148.22 ng

RT: 5.29 min Scan# 315

Delta R.T. 0.01 min

Lab File: BF083600.D

Acq: 8 Dec 2015 17:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 99 Resp: 2140577

Ion Ratio Lower Upper

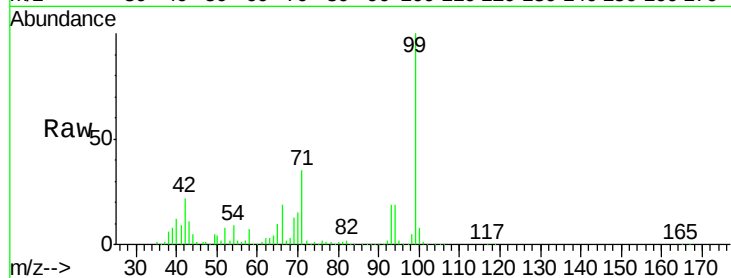
99 100

42 21.7 17.3 25.9

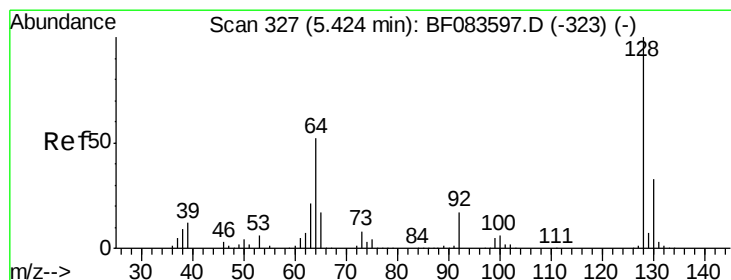
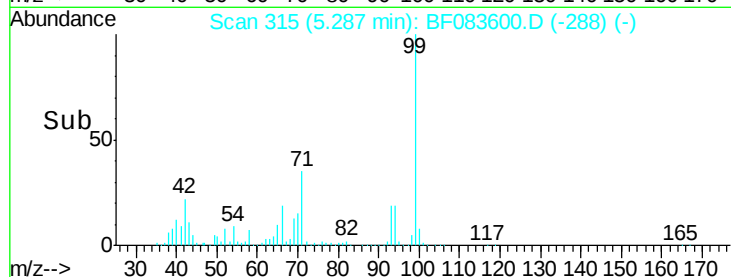
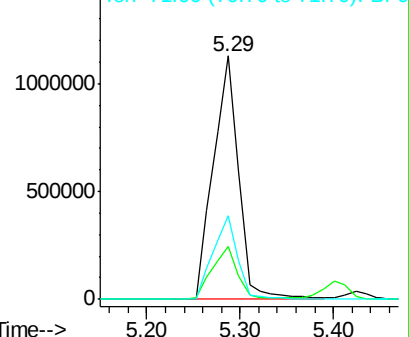
71 34.6 26.6 40.0

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



#8

2-Chlorophenol

Concen: 75.24 ng

RT: 5.42 min Scan# 327

Delta R.T. 0.00 min

Lab File: BF083600.D

Acq: 8 Dec 2015 17:19

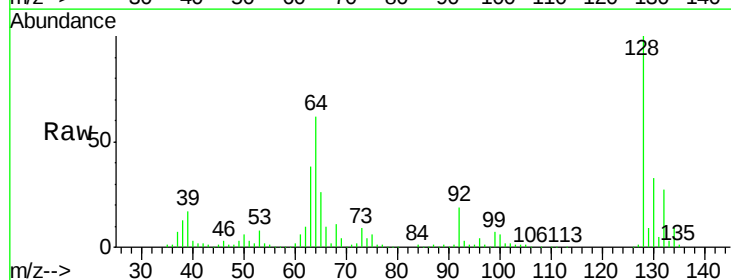
Tgt Ion: 128 Resp: 876246

Ion Ratio Lower Upper

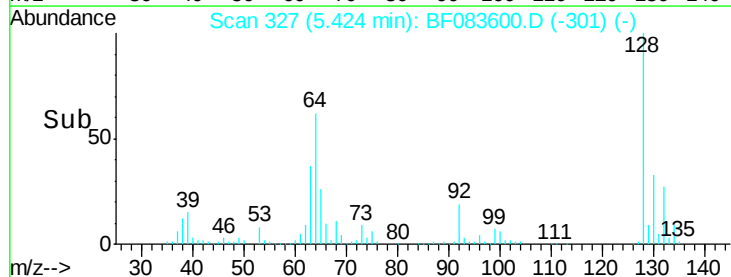
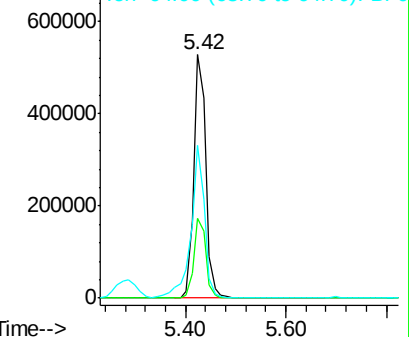
128 100

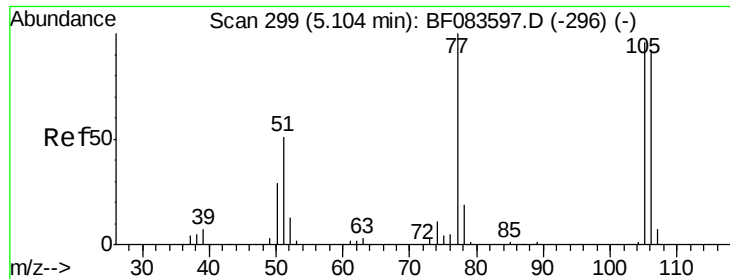
130 32.9 12.6 52.6

64 62.5 38.6 78.6



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





#9

Benzaldehyde

Concen: 51.83 ng

RT: 5.10 min Scan# 299

Delta R.T. 0.00 min

Lab File: BF083600.D

Acq: 8 Dec 2015 17:19

Instrument :

BNA_F

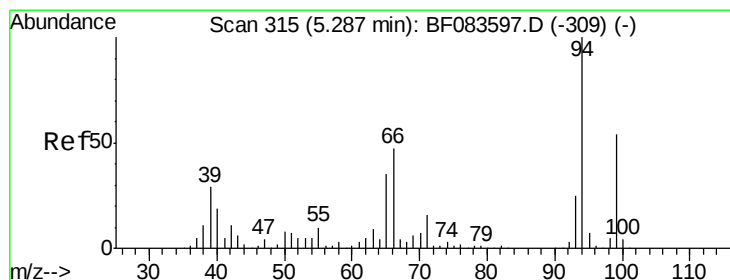
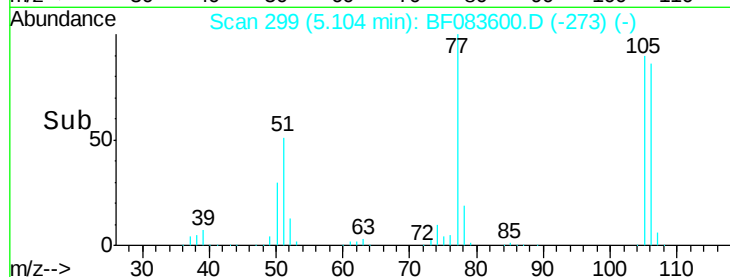
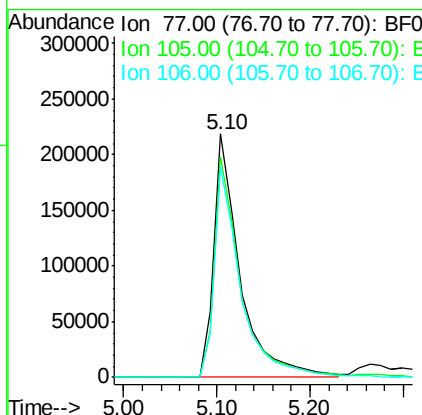
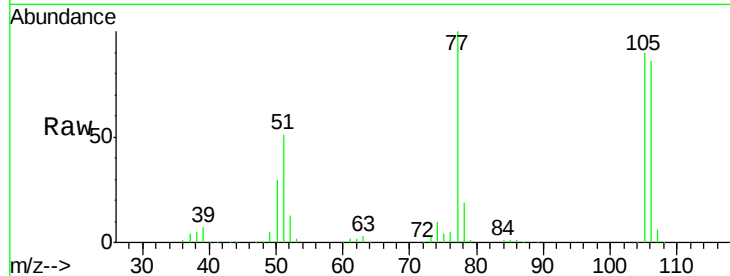
ClientSampleId :

SSTDICC080

Manual Integrations
APPROVED

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12/9/2015 6:13:18 PM

Tgt Ion:	77	Resp:	424141
Ion	Ratio	Lower	Upper
77	100		
105	90.5	71.8	111.8
106	86.5	66.8	106.8



#10

Phenol

Concen: 77.42 ng

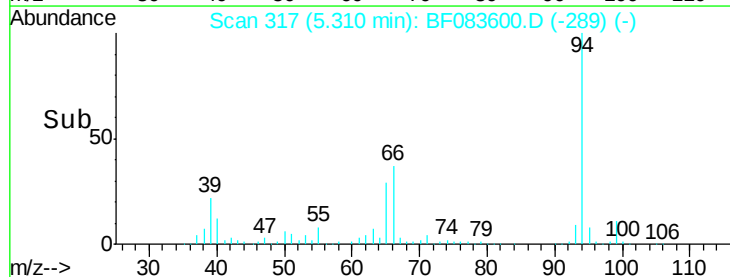
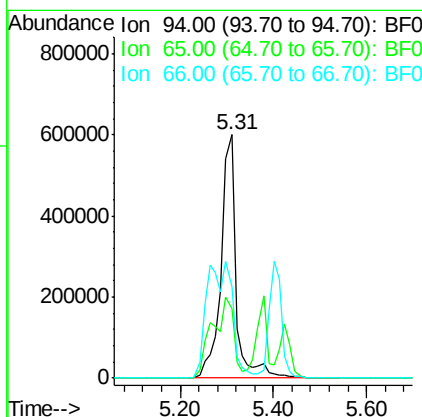
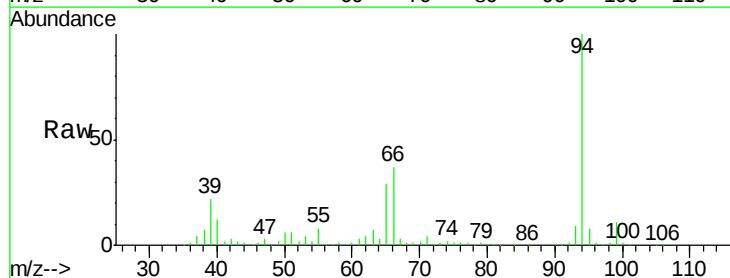
RT: 5.31 min Scan# 317

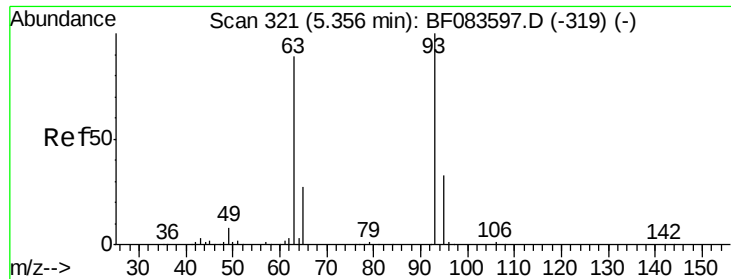
Delta R.T. 0.02 min

Lab File: BF083600.D

Acq: 8 Dec 2015 17:19

Tgt Ion:	94	Resp:	1322283
Ion	Ratio	Lower	Upper
94	100		
65	28.8	20.9	60.9
66	37.5	41.6	81.6#





#11

bis(2-Chloroethyl)ether

Concen: 74.18 ng

RT: 5.38 min Scan# 323

Delta R.T. 0.02 min

Lab File: BF083600.D

Acq: 8 Dec 2015 17:19

Instrument :

BNA_F

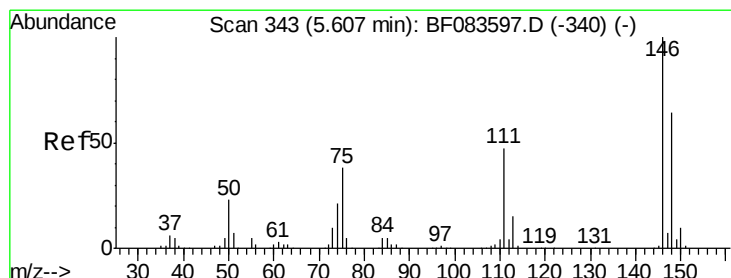
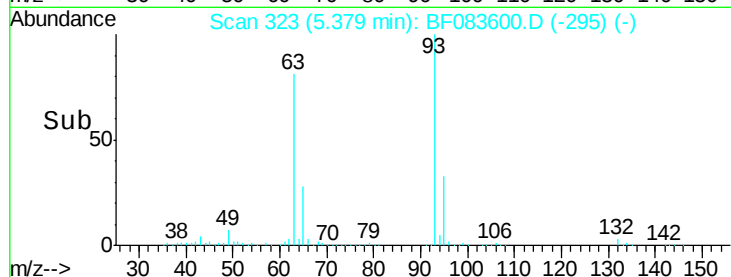
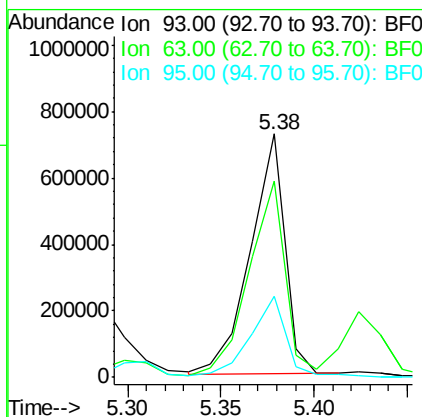
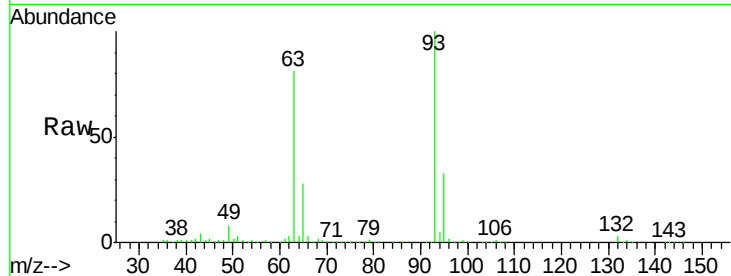
ClientSampleId :

SSTDICC080

Tgt Ion:	93	Resp:	930281
Ion Ratio	Lower	Upper	
93	100		
63	80.8	64.7	104.7
95	33.1	12.7	52.7

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#12

1,3-Dichlorobenzene

Concen: 76.08 ng

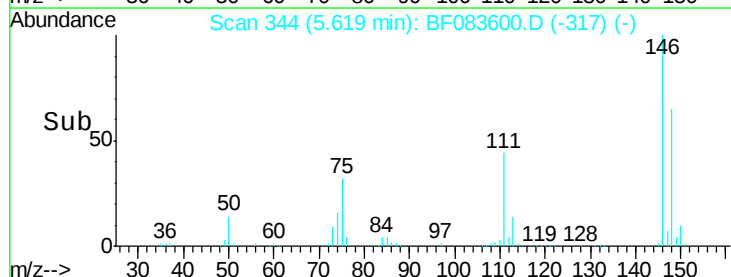
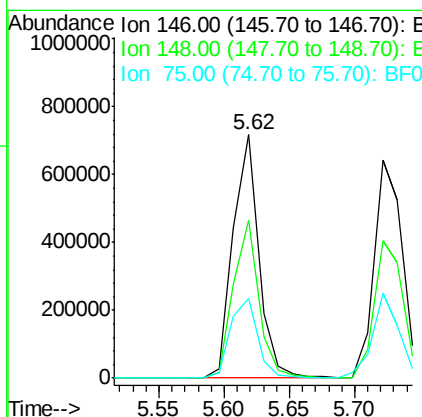
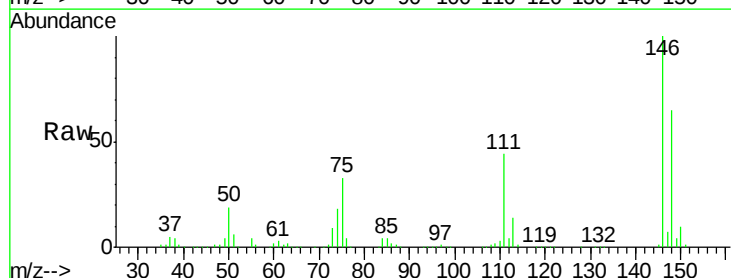
RT: 5.62 min Scan# 344

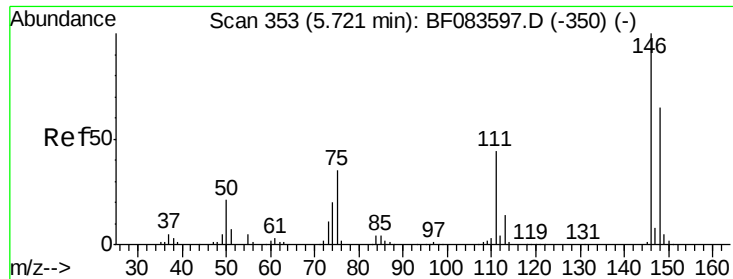
Delta R.T. 0.01 min

Lab File: BF083600.D

Acq: 8 Dec 2015 17:19

Tgt Ion:	146	Resp:	984642
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.3	76.9
75	32.6	24.1	36.1





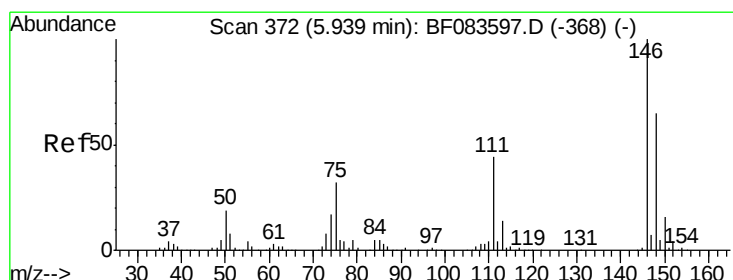
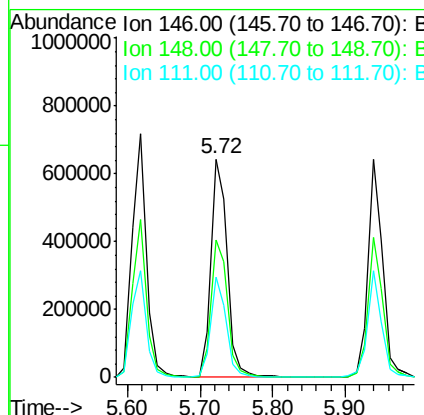
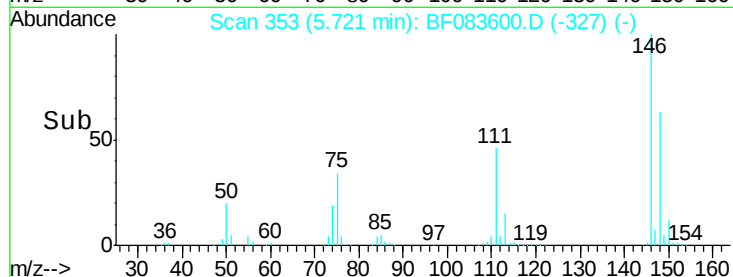
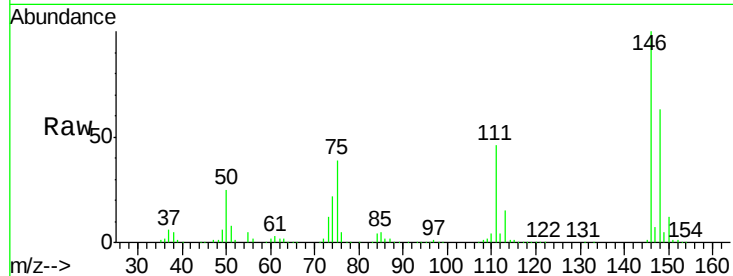
#13
 1,4-Dichlorobenzene
 Concen: 75.53 ng
 RT: 5.72 min Scan# 353
 Delta R.T. 0.00 min
 Lab File: BF083600.D
 Acq: 8 Dec 2015 17:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.6	76.0
111	45.6	36.1	54.1

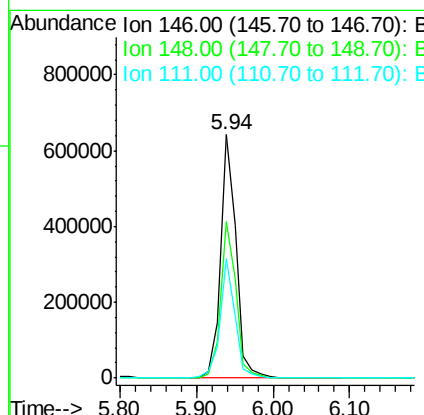
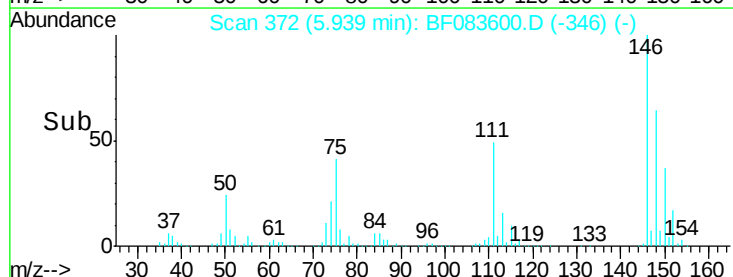
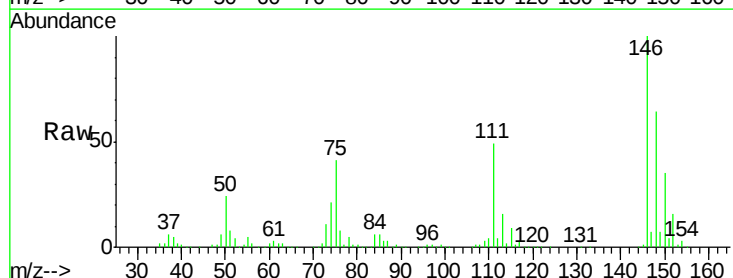
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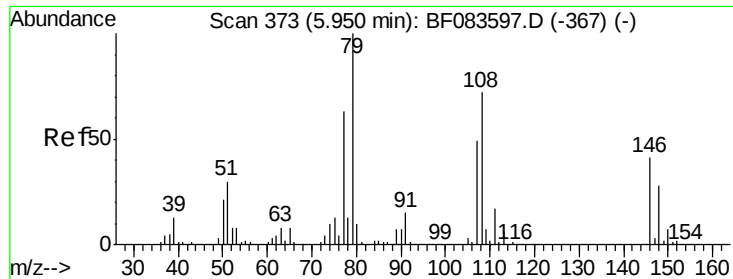
Mmdadoda
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#14
 1,2-Dichlorobenzene
 Concen: 73.60 ng
 RT: 5.94 min Scan# 372
 Delta R.T. 0.00 min
 Lab File: BF083600.D
 Acq: 8 Dec 2015 17:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.4	77.0
111	48.9	36.7	55.1





#15

Benzyl Alcohol

Concen: 81.71 ng

RT: 5.96 min Scan# 374

Delta R.T. 0.01 min

Lab File: BF083600.D

Acq: 8 Dec 2015 17:19

Instrument :

BNA_F

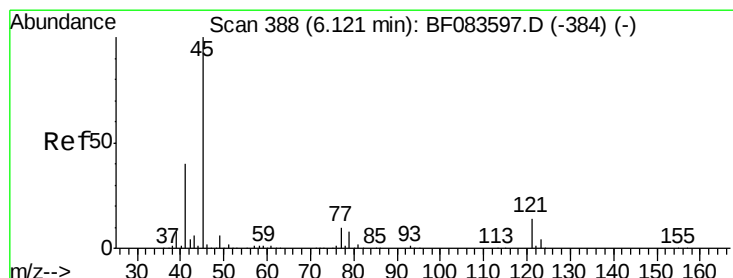
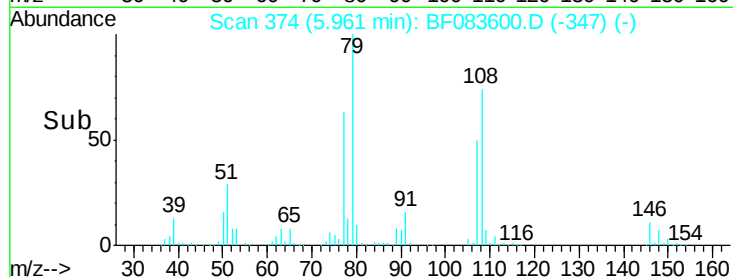
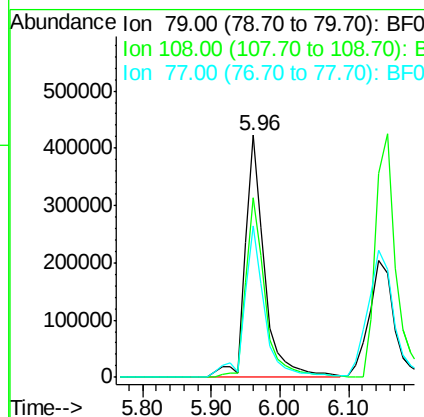
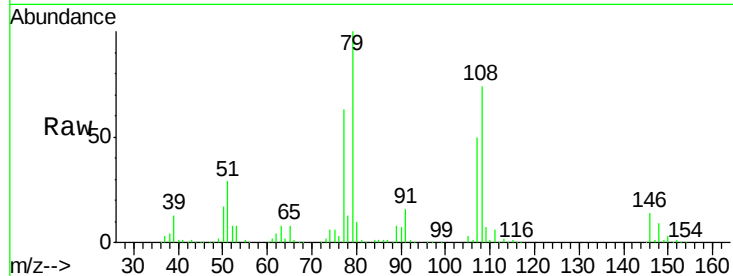
ClientSampleId :

SSTDICC080

Manual Integrations
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Tgt Ion:	79	Resp:	821170
Ion	Ratio	Lower	Upper
79	100		
108	74.1	59.6	89.4
77	62.6	49.8	74.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 74.75 ng

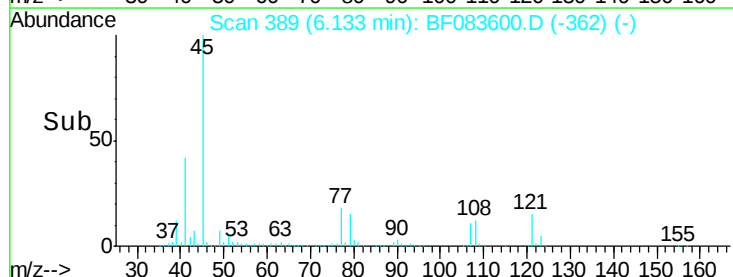
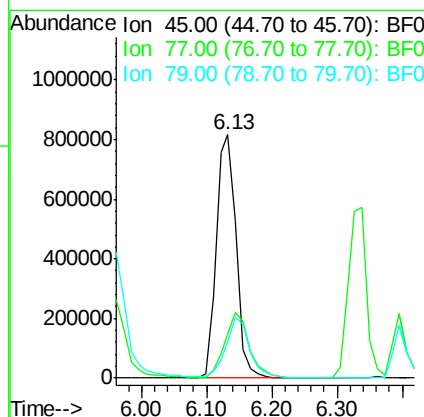
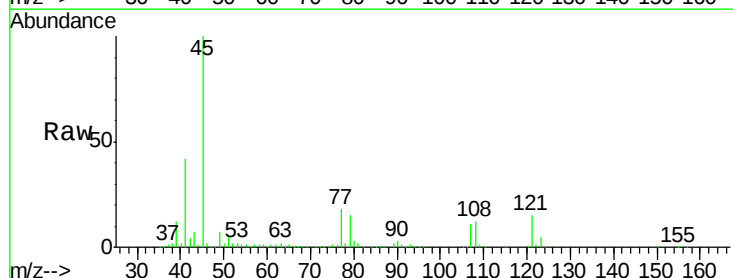
RT: 6.13 min Scan# 389

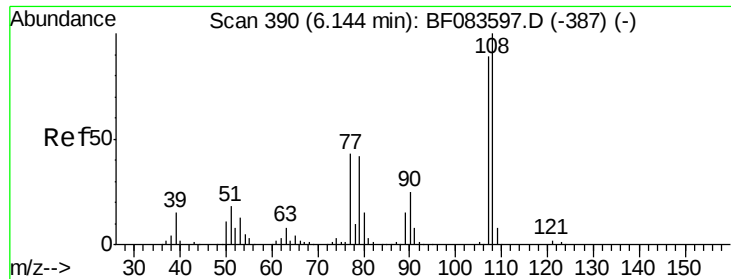
Delta R.T. 0.01 min

Lab File: BF083600.D

Acq: 8 Dec 2015 17:19

Tgt Ion:	45	Resp:	1742830
Ion	Ratio	Lower	Upper
45	100		
77	18.0	12.8	52.8
79	14.7	10.7	50.7





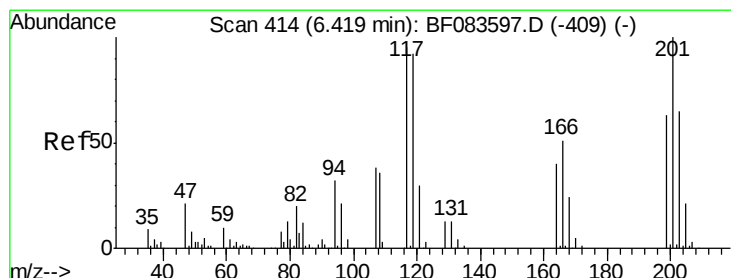
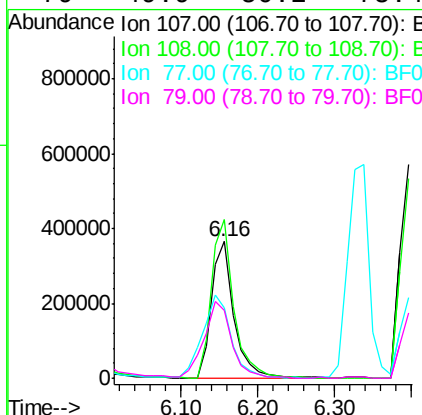
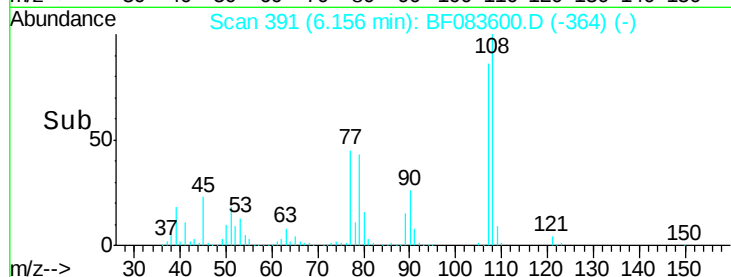
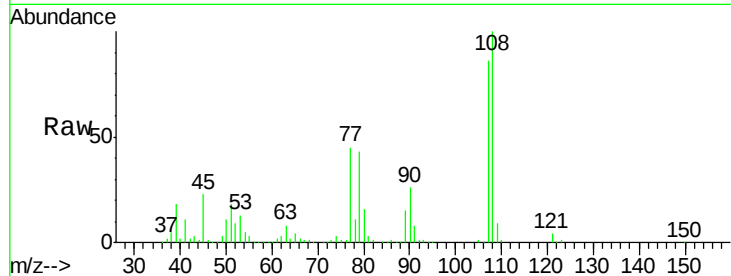
#17
2-Methylphenol
Concen: 76.20 ng
RT: 6.16 min Scan# 391
Delta R.T. 0.01 min
Lab File: BF083600.D
Acq: 8 Dec 2015 17:19

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	116.4	91.6	137.4
77	51.9	53.7	80.5
79	49.9	50.2	75.4

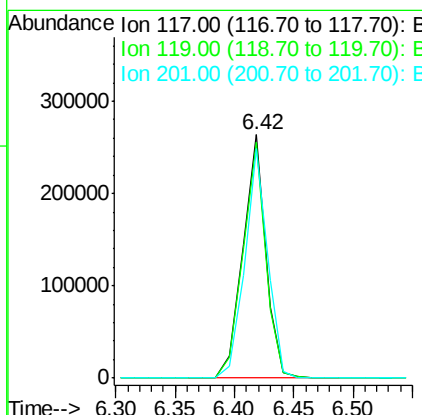
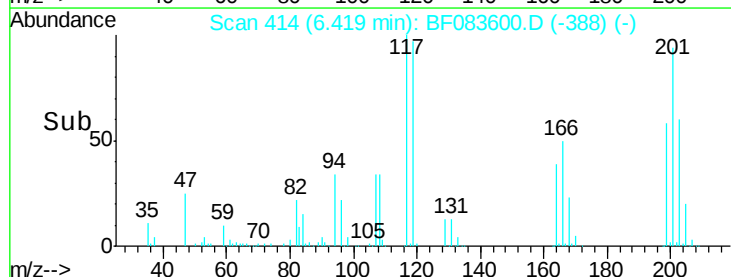
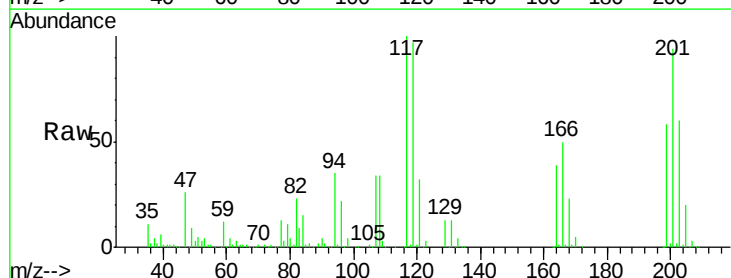
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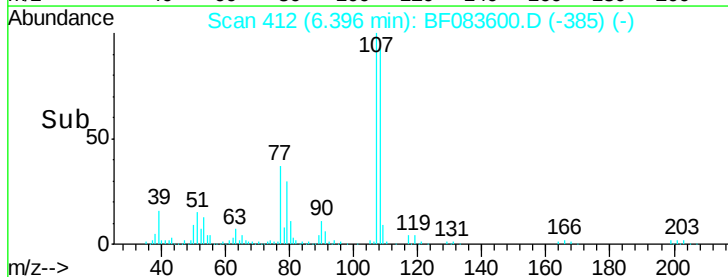
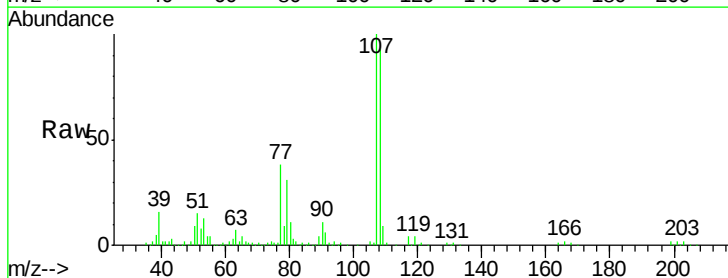
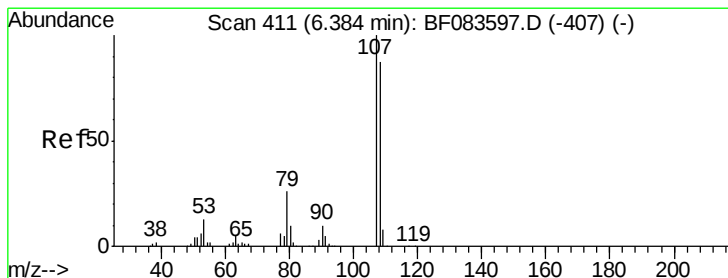
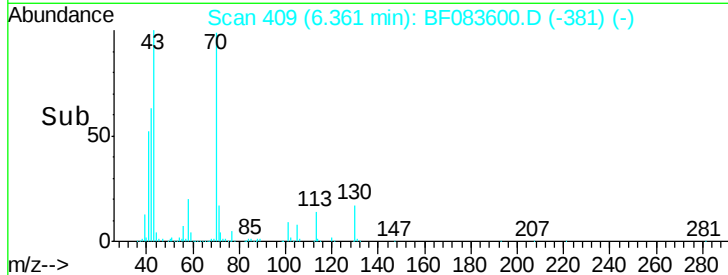
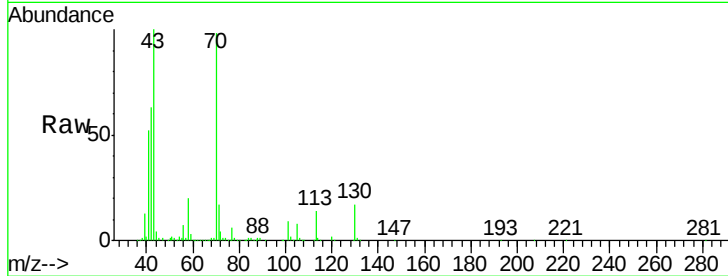
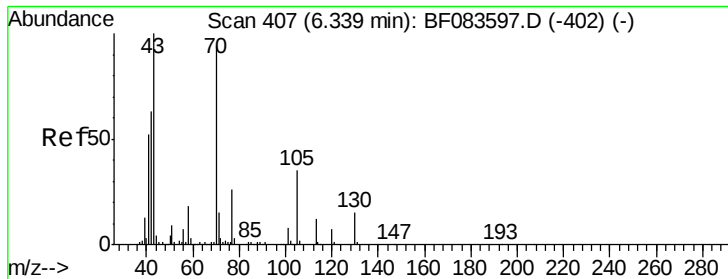
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#18
Hexachloroethane
Concen: 76.57 ng
RT: 6.42 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF083600.D
Acq: 8 Dec 2015 17:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	96.8	77.2	115.8
201	94.2	86.8	130.2





#19

n-Nitroso-di-n-propylamine

Concen: 79.54 ng

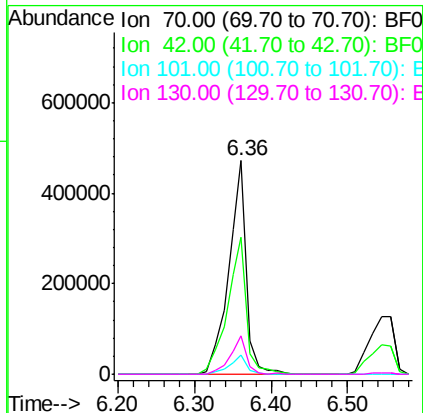
RT: 6.36 min Scan# 409

Delta R.T. 0.02 min

Lab File: BF083600.D

Acq: 8 Dec 2015 17:19

Tgt Ion	Ratio	Lower	Upper
70	100		
42	64.2	49.2	73.8
101	9.0	7.1	10.7
130	17.7	15.4	23.0



Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Manual Integrations
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#20

3+4-Methylphenols

Concen: 77.92 ng

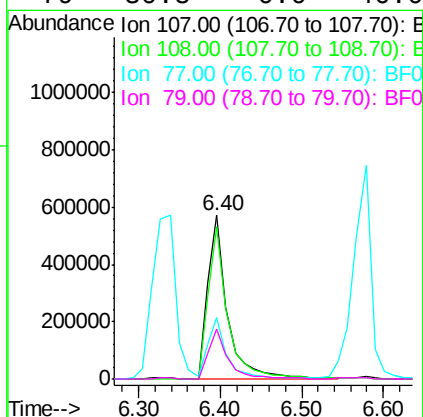
RT: 6.40 min Scan# 412

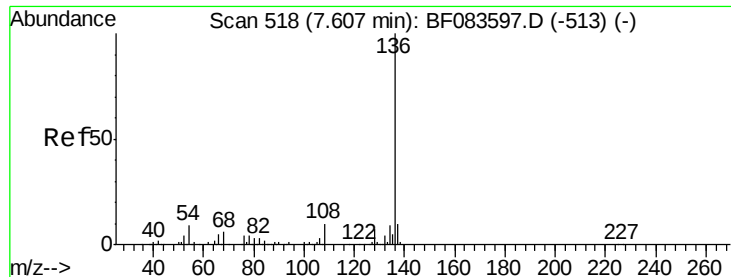
Delta R.T. 0.01 min

Lab File: BF083600.D

Acq: 8 Dec 2015 17:19

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.3	65.2	105.2
77	37.6	15.2	55.2
79	30.8	6.0	46.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.61 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF083600.D

Acq: 8 Dec 2015 17:19

Instrument :

BNA_F

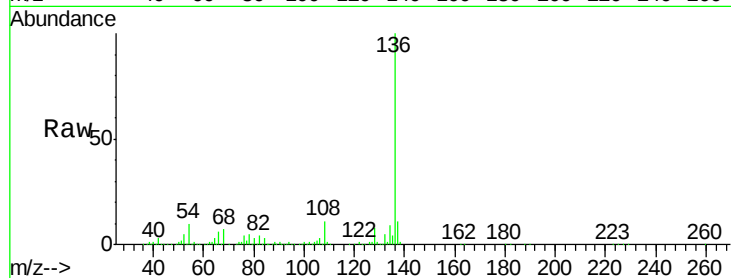
ClientSampleId :

SSTDICC080

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	618419		
137	10.6	8.7	13.1	
54	9.9	7.8	11.6	
68	7.4	5.7	8.5	

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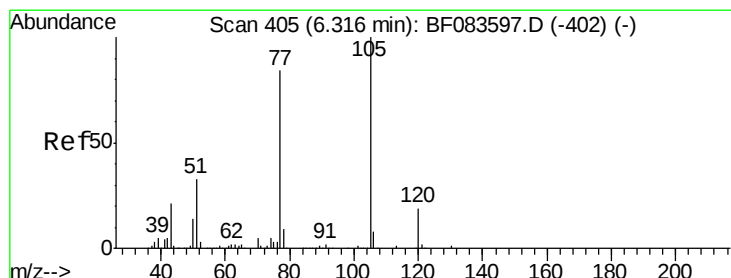
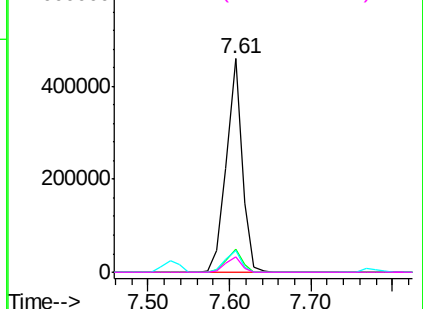
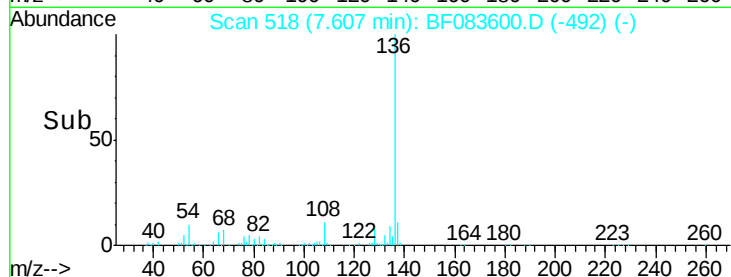


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 77.77 ng

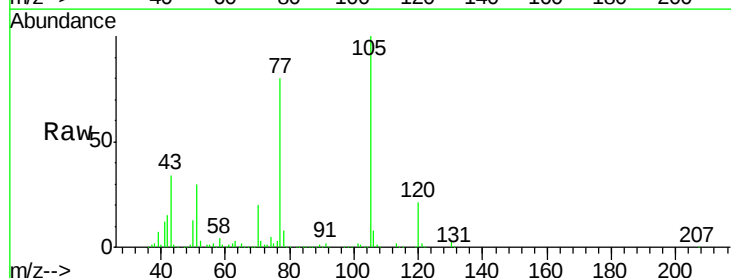
RT: 6.34 min Scan# 407

Delta R.T. 0.02 min

Lab File: BF083600.D

Acq: 8 Dec 2015 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1382897		
71	3.2	1.3	1.9#	
51	29.7	23.8	35.8	
120	20.7	16.7	25.1	

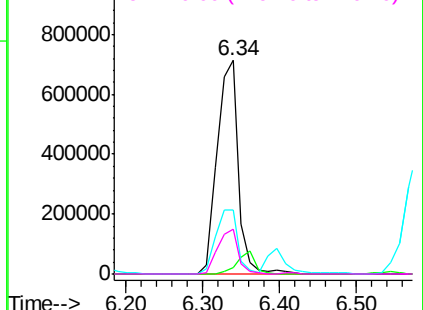
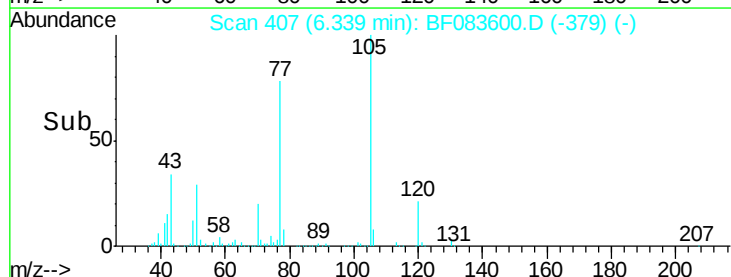


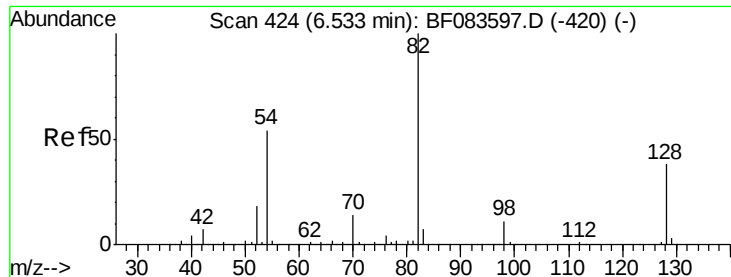
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





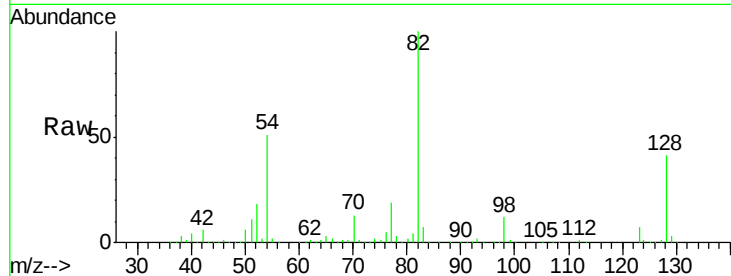
#23
 Nitrobenzene-d5
 Concen: 158.49 ng
 RT: 6.56 min Scan# 426
 Delta R.T. 0.02 min
 Lab File: BF083600.D
 Acq: 8 Dec 2015 17:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

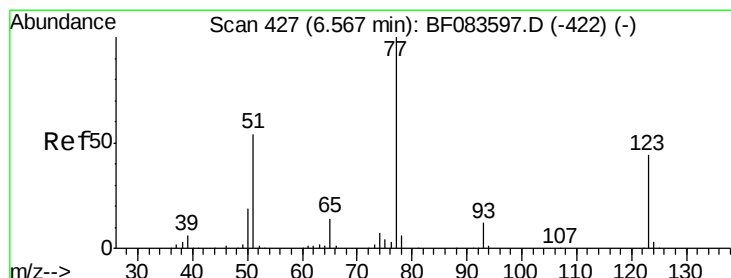
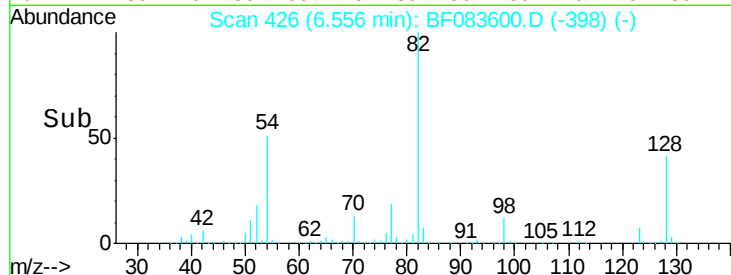
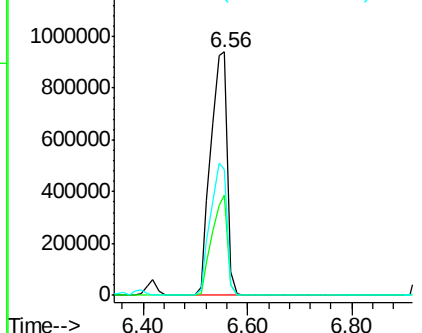
Tgt Ion: 82 Resp: 2091104
 Ion Ratio Lower Upper
 82 100
 128 41.0 30.7 46.1
 54 51.5 42.5 63.7

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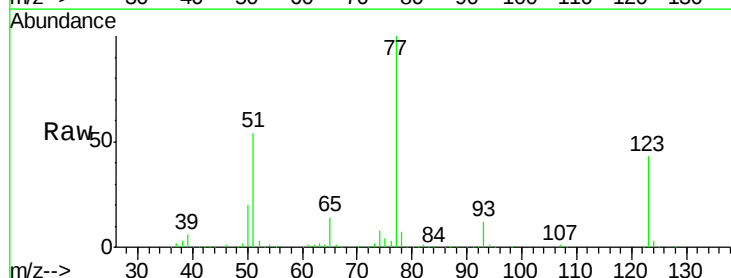


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

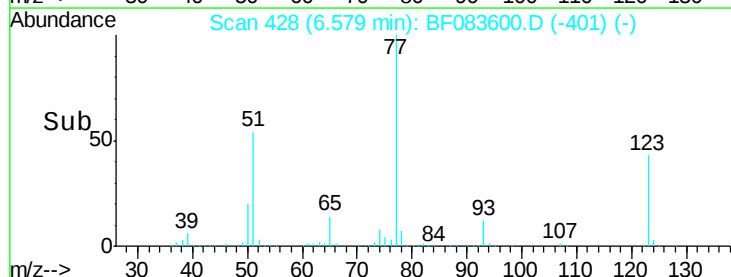
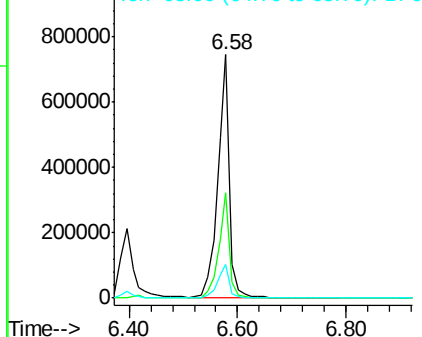


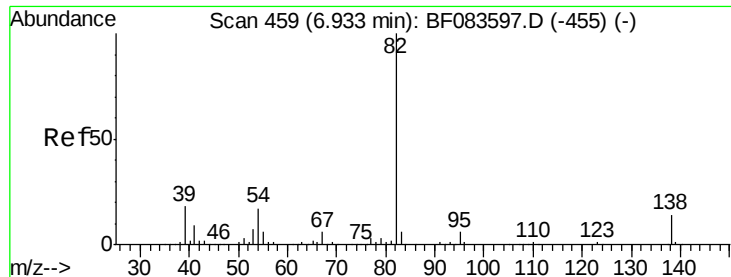
#24
 Nitrobenzene
 Concen: 77.61 ng
 RT: 6.58 min Scan# 428
 Delta R.T. 0.01 min
 Lab File: BF083600.D
 Acq: 8 Dec 2015 17:19

Tgt Ion: 77 Resp: 1131836
 Ion Ratio Lower Upper
 77 100
 123 43.3 29.8 44.6
 65 14.0 11.1 16.7



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 80.36 ng

RT: 6.96 min Scan# 461

Delta R.T. 0.02 min

Lab File: BF083600.D

Acq: 8 Dec 2015 17:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 2043379

Ion Ratio Lower Upper

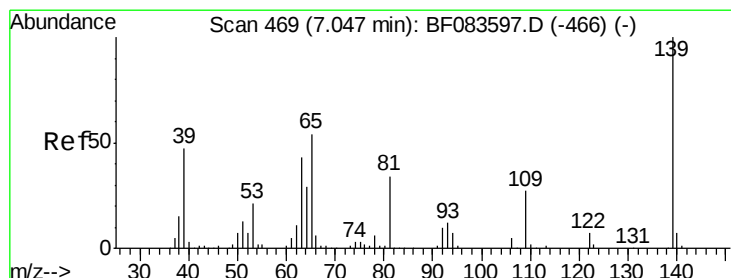
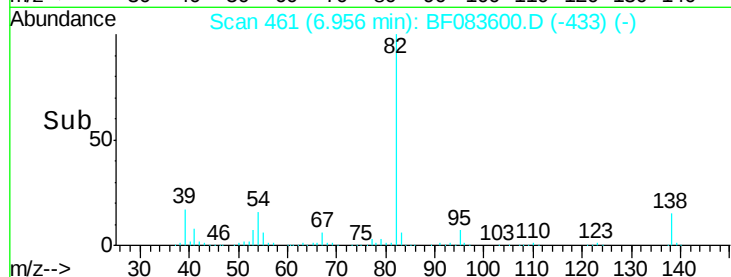
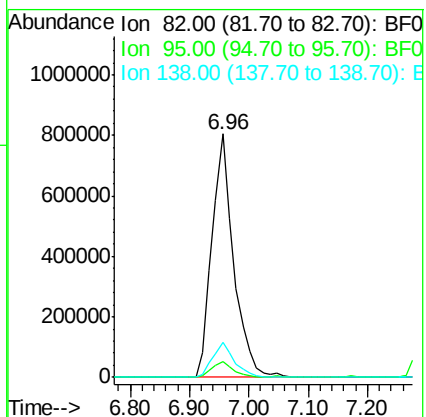
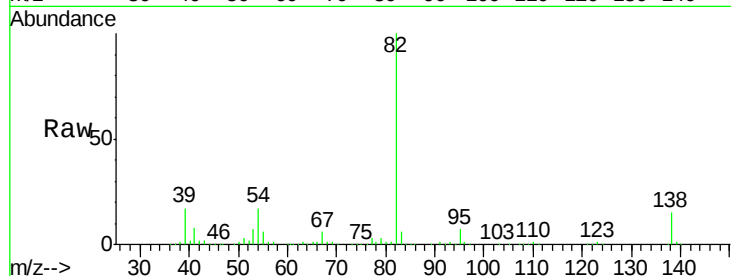
82 100

95 6.7 5.0 7.4

138 14.5 12.1 18.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 80.33 ng

RT: 7.05 min Scan# 469

Delta R.T. 0.00 min

Lab File: BF083600.D

Acq: 8 Dec 2015 17:19

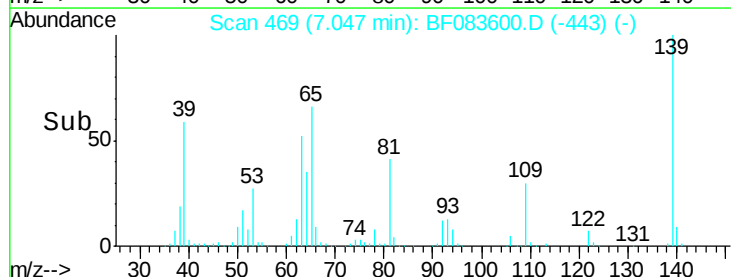
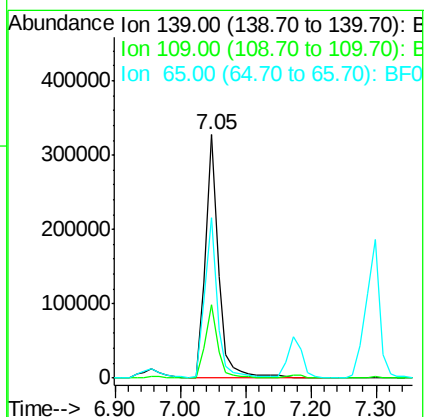
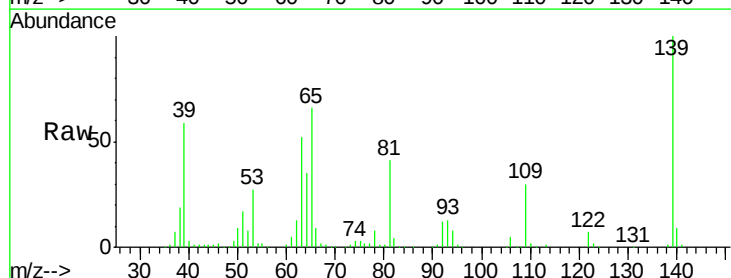
Tgt Ion: 139 Resp: 462773

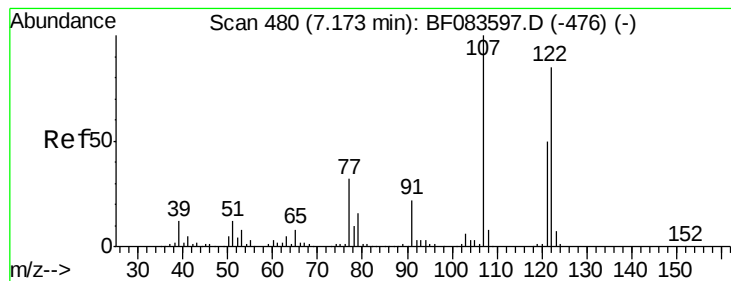
Ion Ratio Lower Upper

139 100

109 30.1 22.7 34.1

65 65.7 51.8 77.8





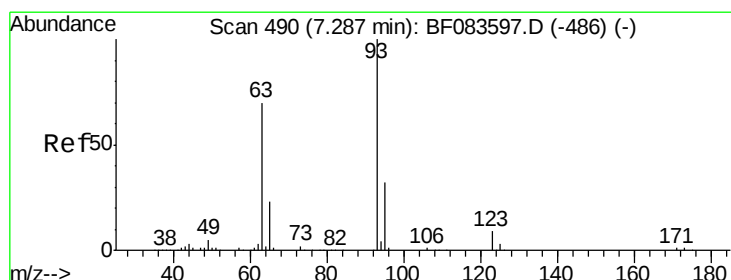
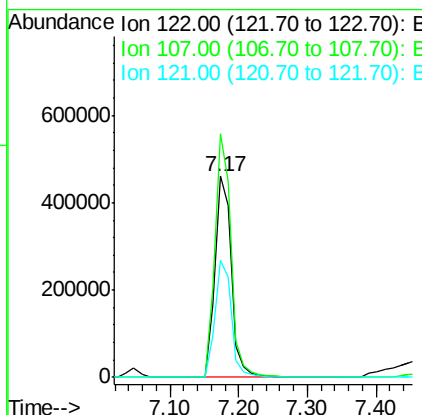
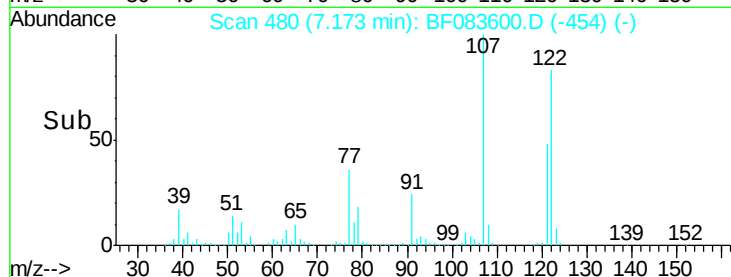
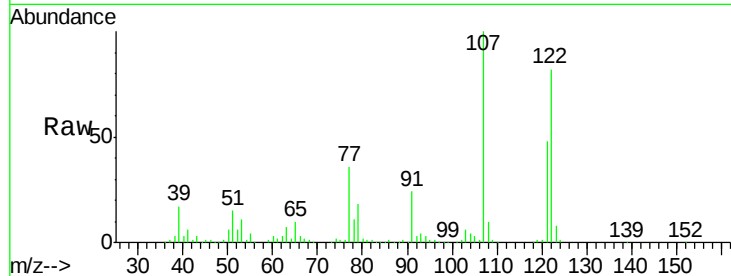
#27
 2,4-Dimethylphenol
 Concen: 76.88 ng
 RT: 7.17 min Scan# 480
 Delta R.T. 0.00 min
 Lab File: BF083600.D
 Acq: 8 Dec 2015 17:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

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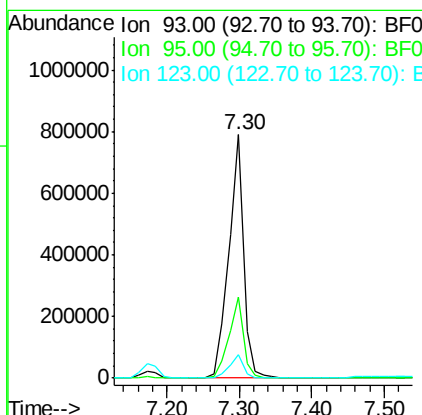
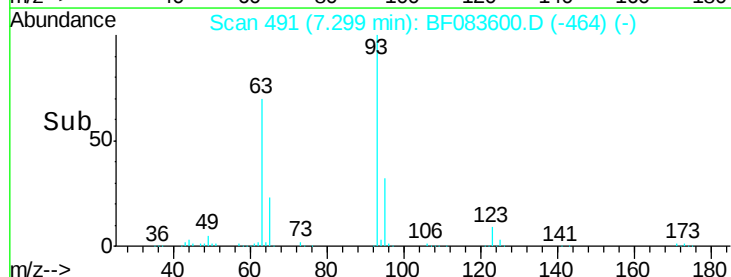
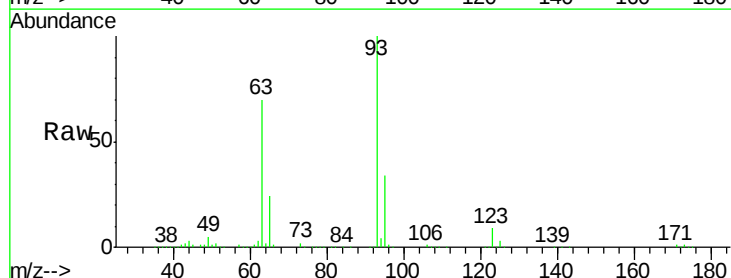
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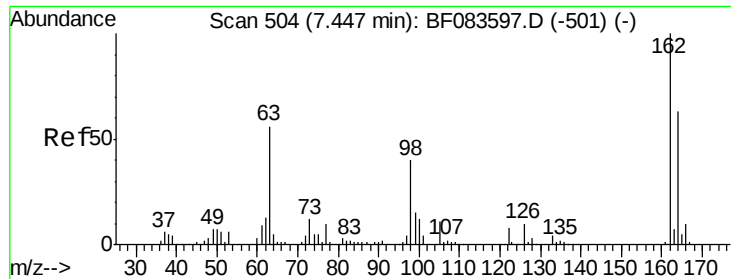
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	779594		
107	121.2	92.4	138.6	
121	58.5	45.8	68.6	



#28
 bis(2-Chloroethoxy)methane
 Concen: 79.96 ng
 RT: 7.30 min Scan# 491
 Delta R.T. 0.01 min
 Lab File: BF083600.D
 Acq: 8 Dec 2015 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1131572		
95	33.5	25.6	38.4	
123	9.4	7.3	10.9	





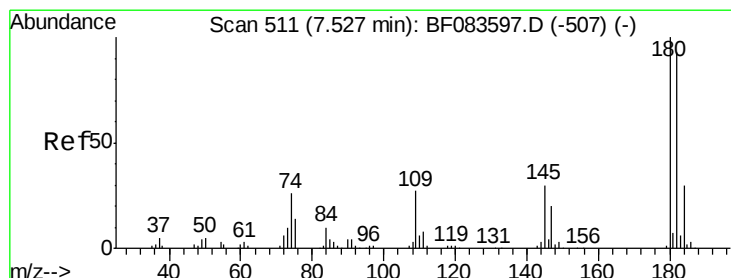
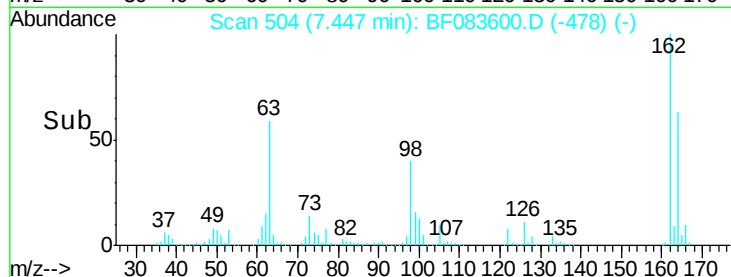
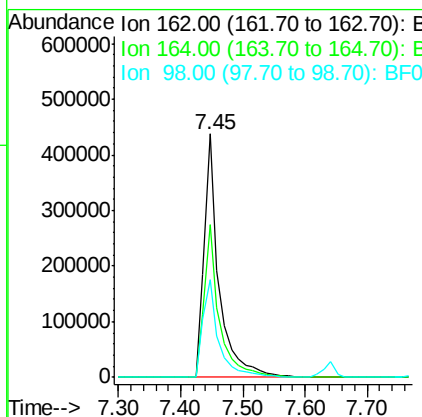
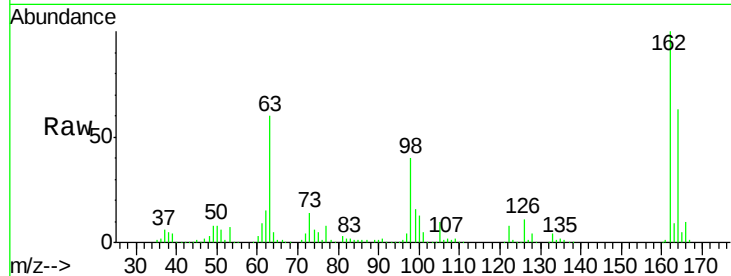
#29
 2,4-Dichlorophenol
 Concen: 79.60 ng
 RT: 7.45 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF083600.D
 Acq: 8 Dec 2015 17:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion:	162	Resp:	730077
Ion Ratio	Lower	Upper	
162	100		
164	62.8	43.4	83.4
98	40.0	17.5	57.5

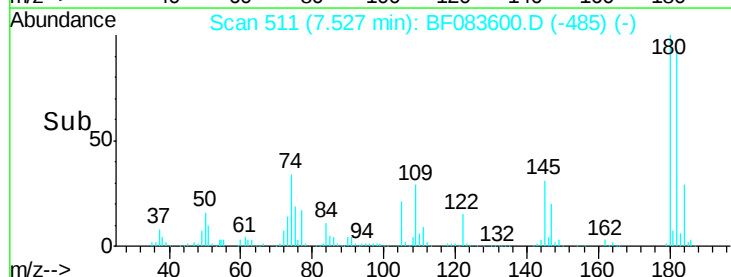
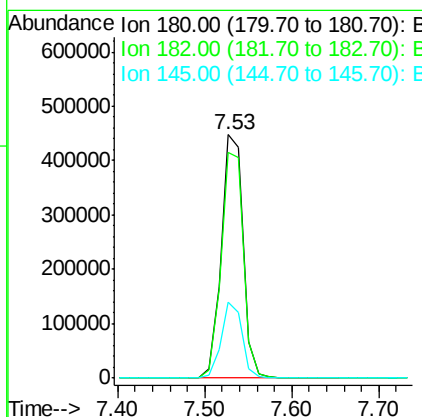
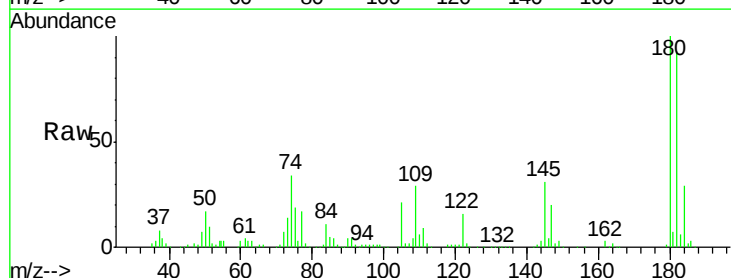
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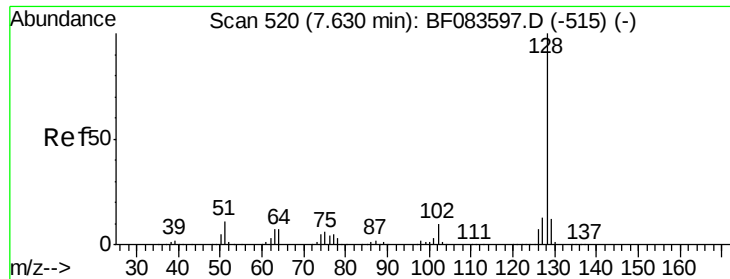
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#30
 1,2,4-Trichlorobenzene
 Concen: 77.10 ng
 RT: 7.53 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF083600.D
 Acq: 8 Dec 2015 17:19

Tgt Ion:	180	Resp:	781531
Ion Ratio	Lower	Upper	
180	100		
182	92.8	74.9	112.3
145	31.2	24.7	37.1





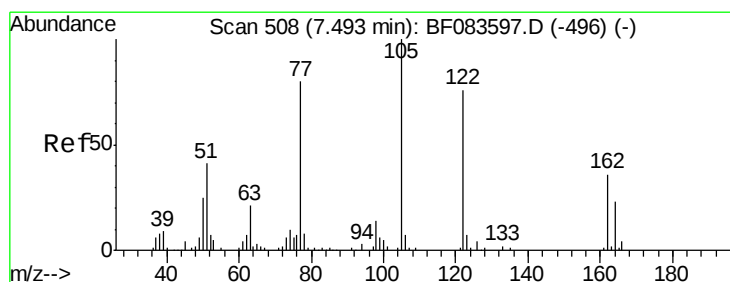
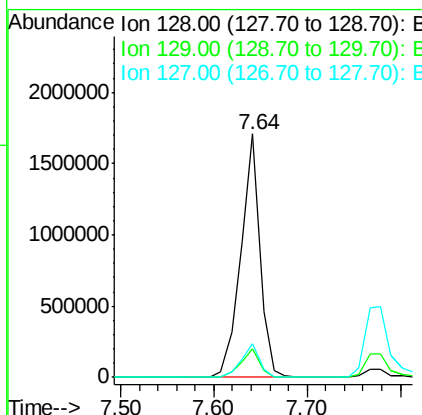
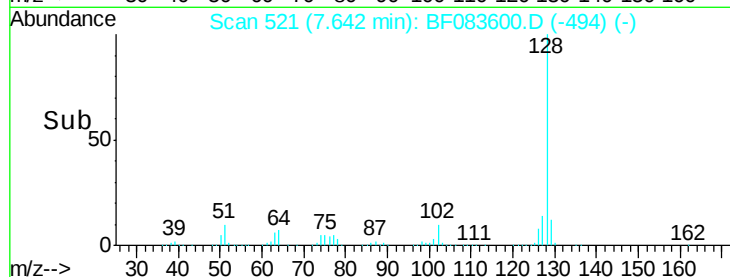
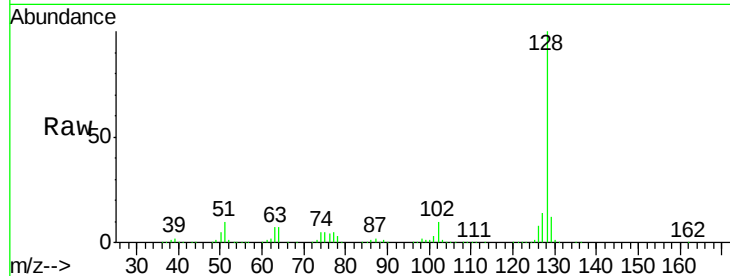
#31
Naphthalene
Concen: 74.45 ng
RT: 7.64 min Scan# 521
Delta R.T. 0.01 min
Lab File: BF083600.D
Acq: 8 Dec 2015 17:19

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion:128 Resp: 2442099
Ion Ratio Lower Upper
128 100
129 11.8 8.6 13.0
127 13.7 10.6 16.0

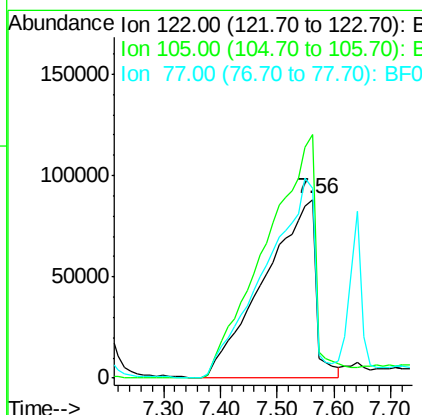
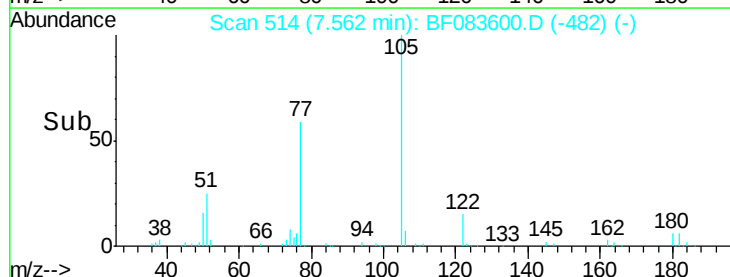
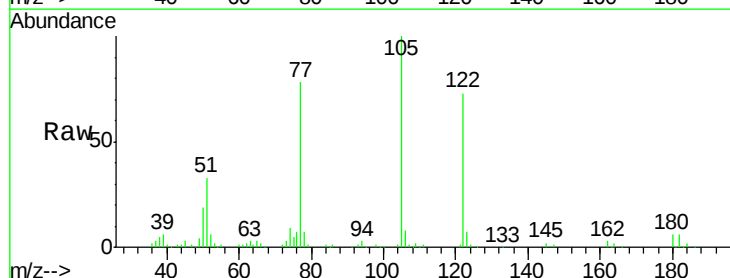
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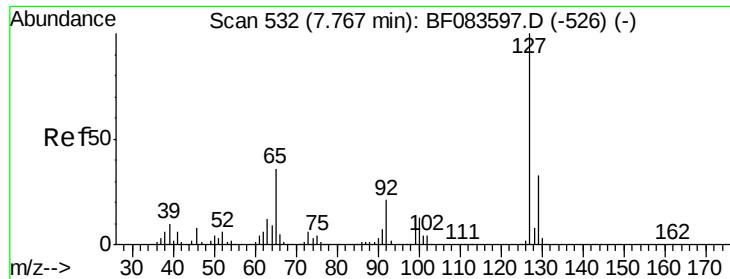
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#32
Benzoic acid
Concen: 100.21 ng
RT: 7.56 min Scan# 514
Delta R.T. 0.07 min
Lab File: BF083600.D
Acq: 8 Dec 2015 17:19

Tgt Ion:122 Resp: 546483
Ion Ratio Lower Upper
122 100
105 136.1 105.6 145.6
77 105.8 86.8 126.8





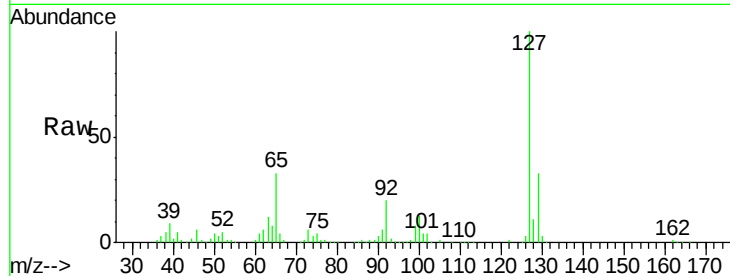
#33
4-Chloroaniline
Concen: 74.21 ng
RT: 7.78 min Scan# 533
Delta R.T. 0.01 min
Lab File: BF083600.D
Acq: 8 Dec 2015 17:19

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

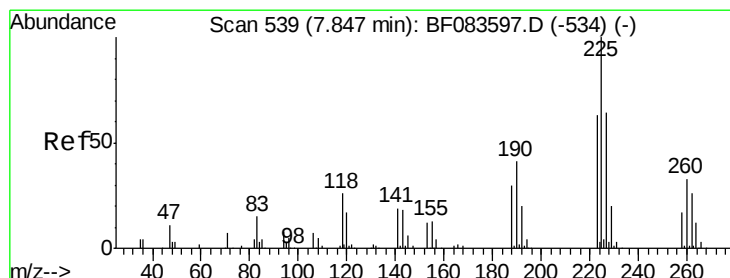
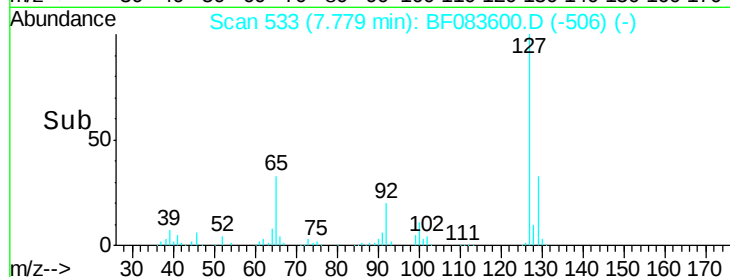
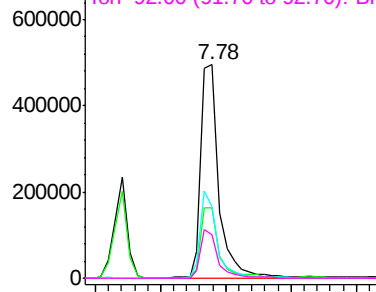
Tgt Ion	Ratio	Resp Lower	Upper
127	100		
129	33.0	26.1	39.1
65	33.5	33.5	50.3
92	20.1	18.6	28.0

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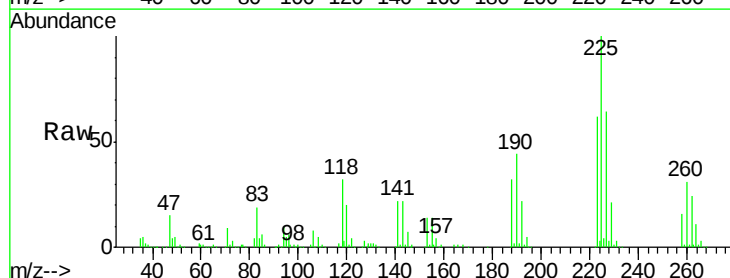


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

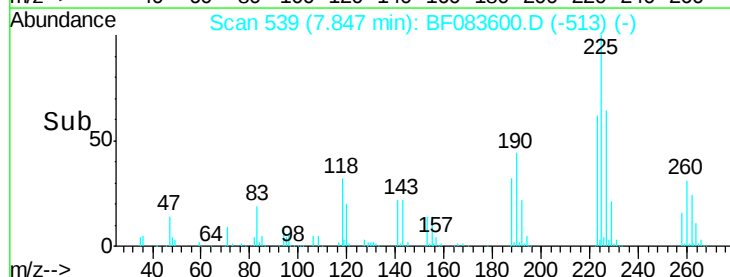
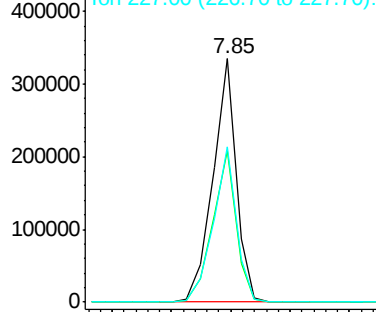


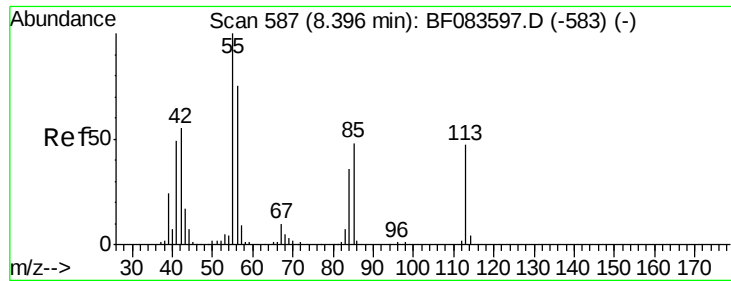
#34
Hexachlorobutadiene
Concen: 76.72 ng
RT: 7.85 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF083600.D
Acq: 8 Dec 2015 17:19

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	62.3	52.3	78.5
227	63.7	50.4	75.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





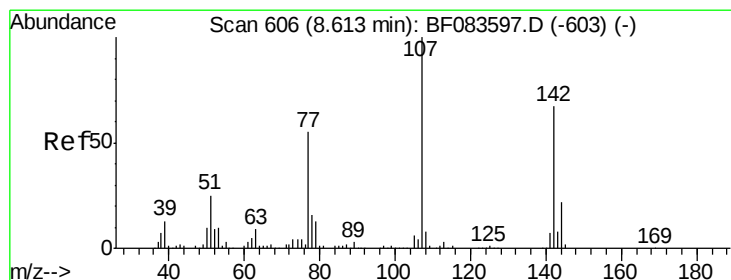
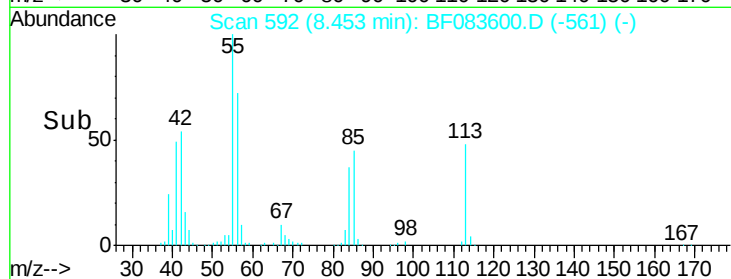
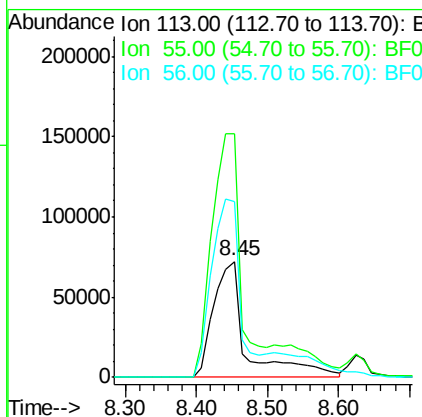
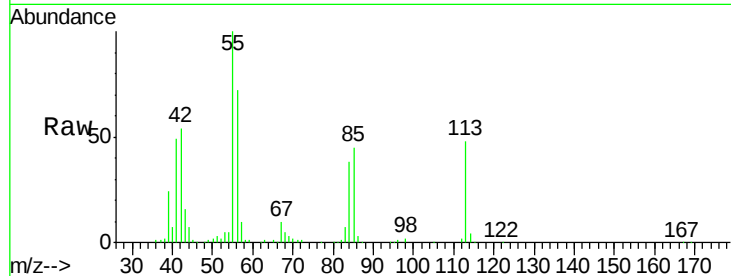
#35
 Caprolactam
 Concen: 80.01 ng m
 RT: 8.45 min Scan# 592
 Delta R.T. 0.06 min
 Lab File: BF083600.D
 Acq: 8 Dec 2015 17:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Lower	Upper
113	100		
55	209.6	189.7	229.7
56	151.8	130.7	170.7

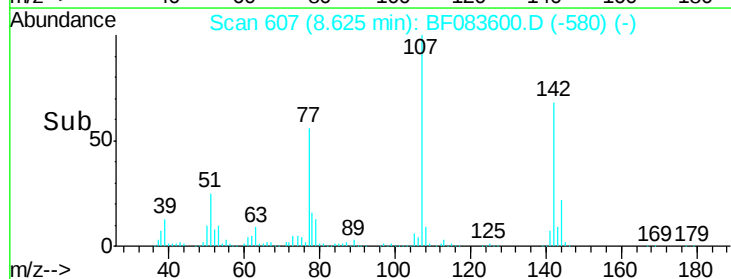
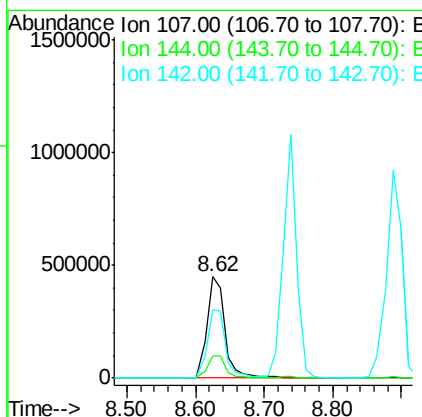
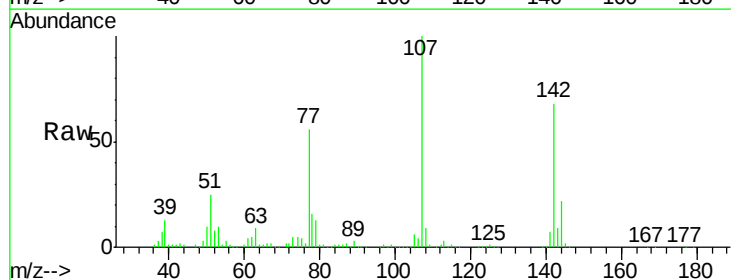
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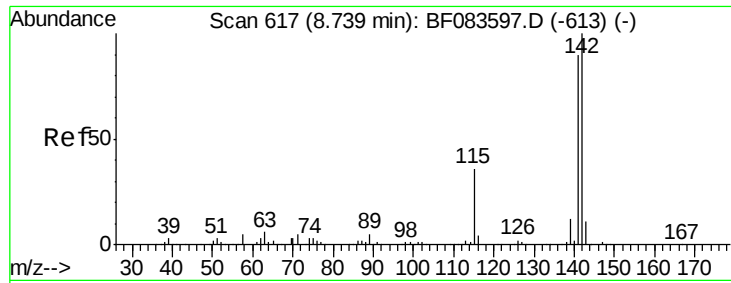
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#36
 4-Chloro-3-methylphenol
 Concen: 80.39 ng
 RT: 8.62 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: BF083600.D
 Acq: 8 Dec 2015 17:19

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.3	17.5	26.3
142	67.8	53.6	80.4





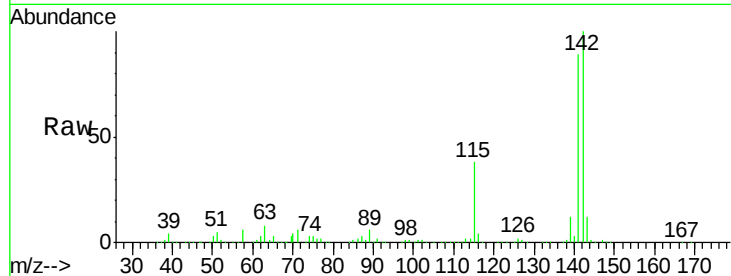
#37
2-Methylnaphthalene
Concen: 73.42 ng
RT: 8.74 min Scan# 617
Delta R.T. 0.00 min
Lab File: BF083600.D
Acq: 8 Dec 2015 17:19

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

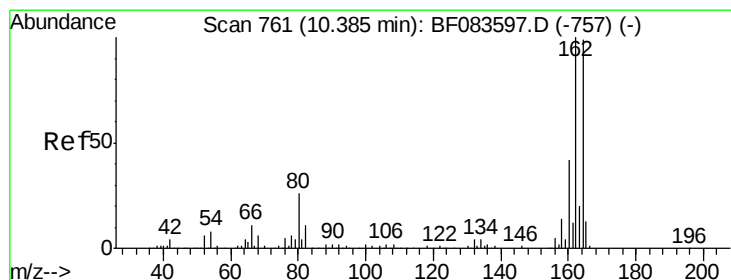
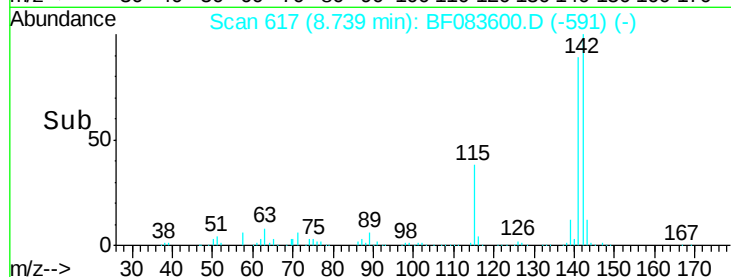
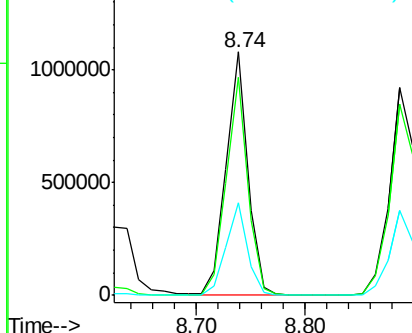
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.3	105.5
115	38.3	29.2	43.8

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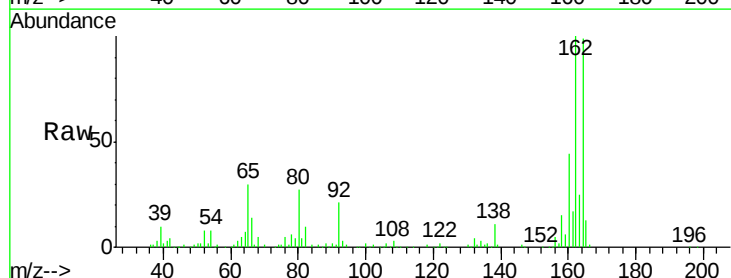


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

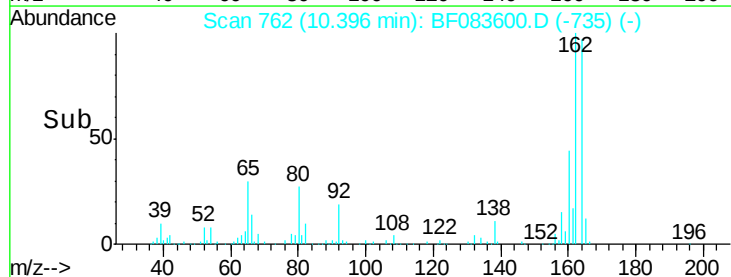
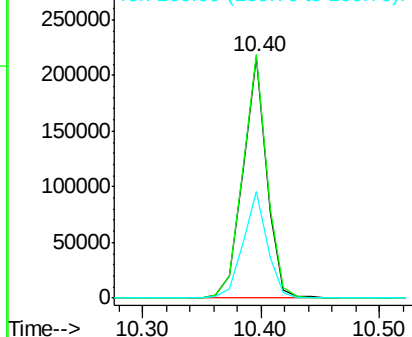


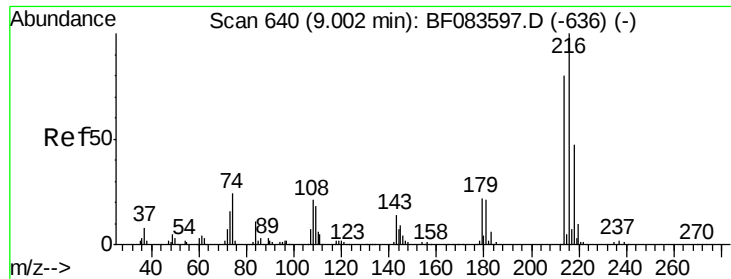
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.40 min Scan# 762
Delta R.T. 0.01 min
Lab File: BF083600.D
Acq: 8 Dec 2015 17:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	78.8	118.2
160	44.0	33.4	50.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





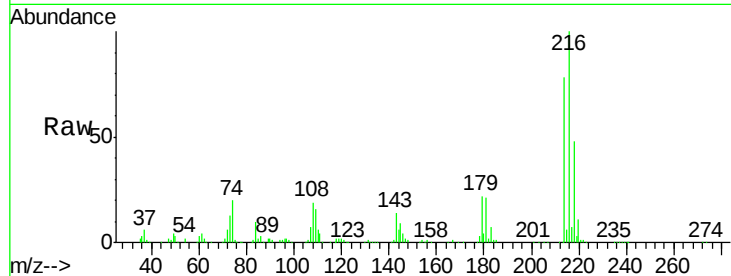
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 74.13 ng
 RT: 9.01 min Scan# 641
 Delta R.T. 0.01 min
 Lab File: BF083600.D
 Acq: 8 Dec 2015 17:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

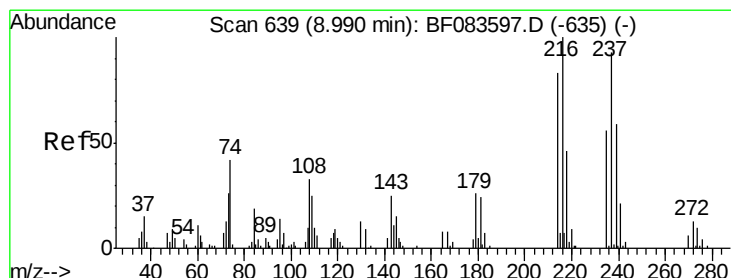
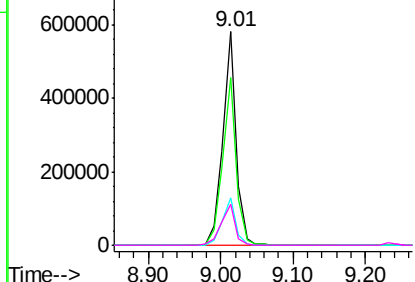
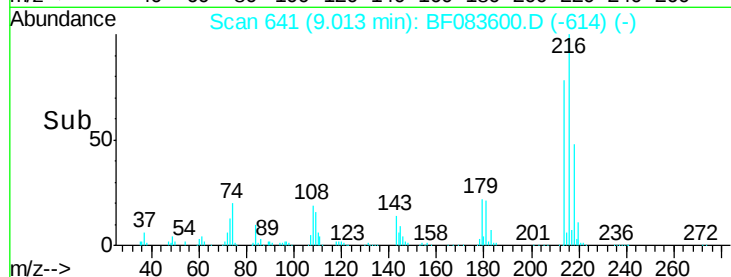
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	740633		
214	79.4	0.0	0.0	0.0
179	22.1	0.0	0.0	0.0
108	20.2	0.0	0.0	0.0

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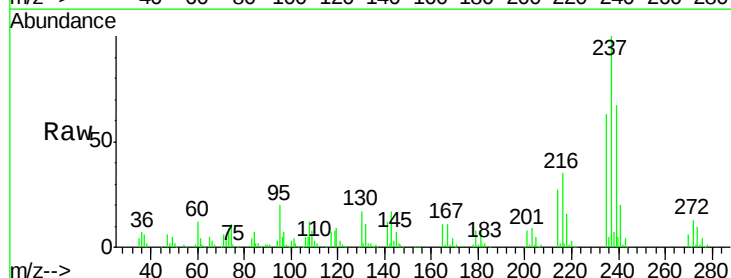


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

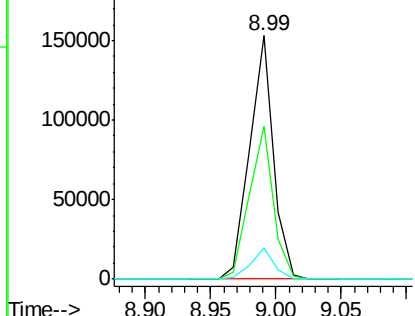
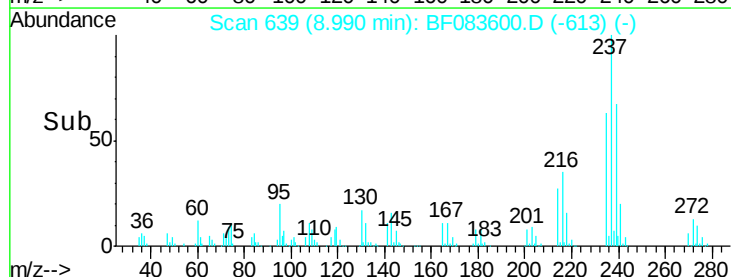


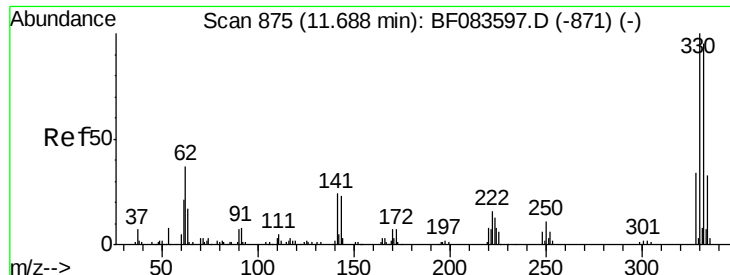
#40
 Hexachlorocyclopentadiene
 Concen: 72.69 ng
 RT: 8.99 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF083600.D
 Acq: 8 Dec 2015 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	194578		
235	62.6	43.9	83.9	
272	12.6	0.0	31.8	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





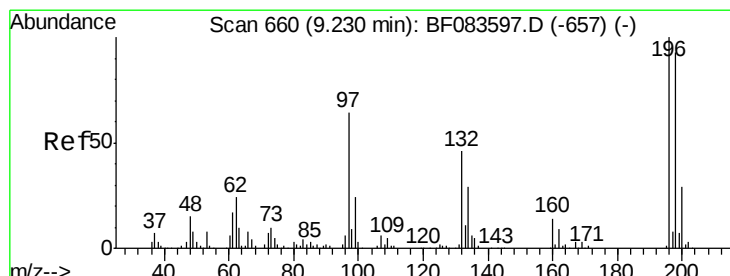
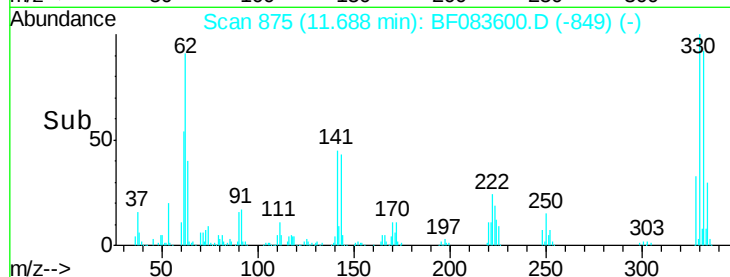
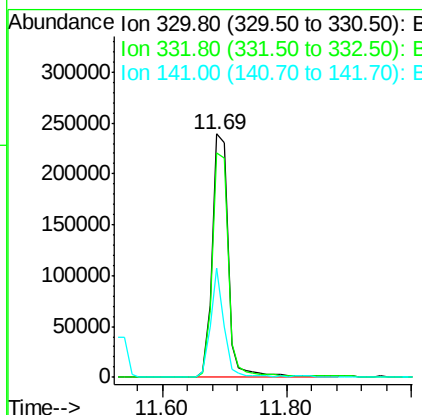
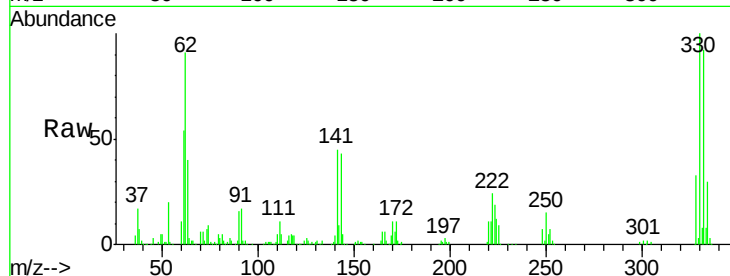
#41
 2,4,6-Tribromophenol
 Concen: 152.98 ng
 RT: 11.69 min Scan# 875
 Delta R.T. 0.00 min
 Lab File: BF083600.D
 Acq: 8 Dec 2015 17:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	427142		
332	93.5	0.0	0.0	0.0
141	37.5	0.0	0.0	0.0

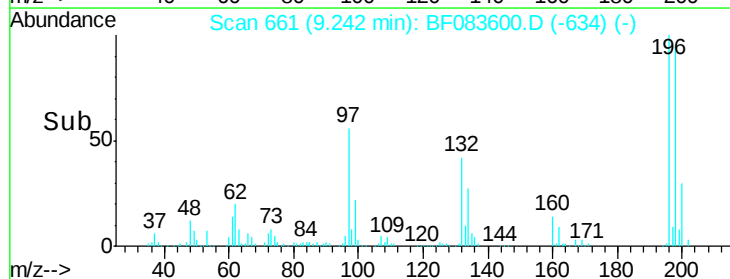
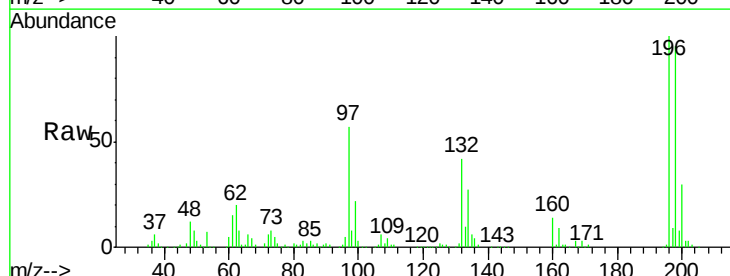
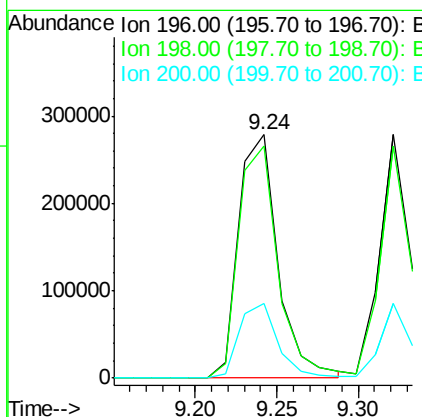
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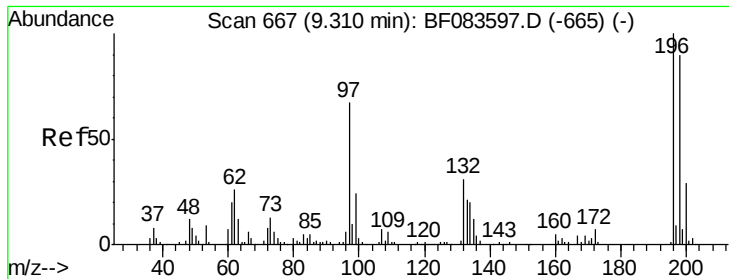
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#42
 2,4,6-Trichlorophenol
 Concen: 74.49 ng
 RT: 9.24 min Scan# 661
 Delta R.T. 0.01 min
 Lab File: BF083600.D
 Acq: 8 Dec 2015 17:19

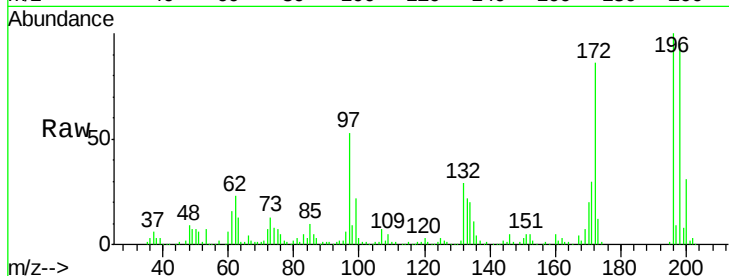
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	463806		
198	95.2	75.2	112.8	
200	30.5	23.0	34.6	





#43
 2,4,5-Trichlorophenol
 Concen: 71.94 ng
 RT: 9.32 min Scan# 668
 Delta R.T. 0.01 min
 Lab File: BF083600.D
 Acq: 8 Dec 2015 17:19

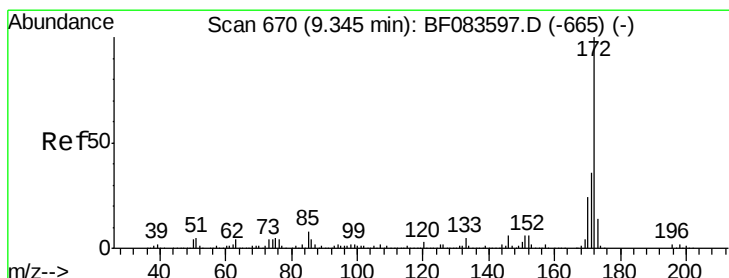
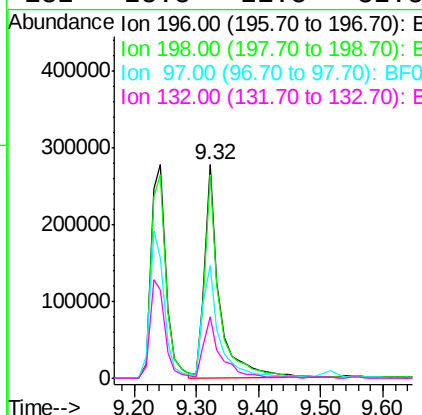
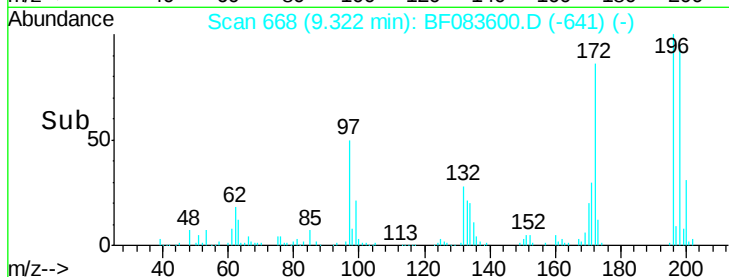
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080



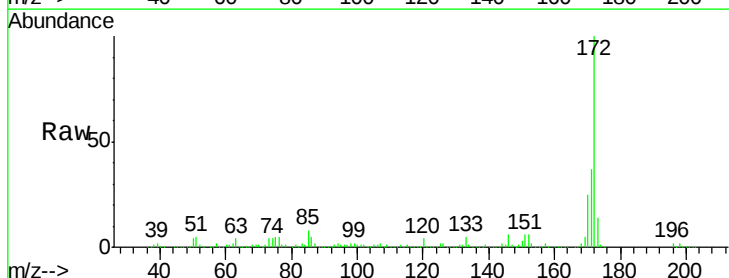
Tgt Ion:	196	Resp:	460540
Ion Ratio	Lower	Upper	
196	100		
198	95.3	77.7	116.5
97	53.0	41.2	61.8
132	28.8	21.8	32.8

Manual Integrations
 APPROVED

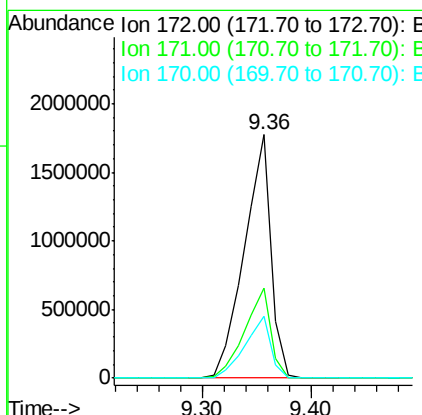
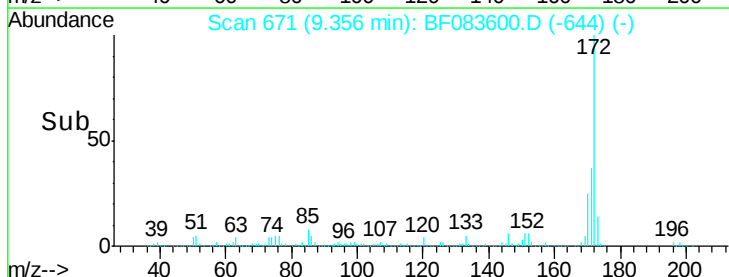
Mmdadoda
 12/9/2015 6:13:18 PM

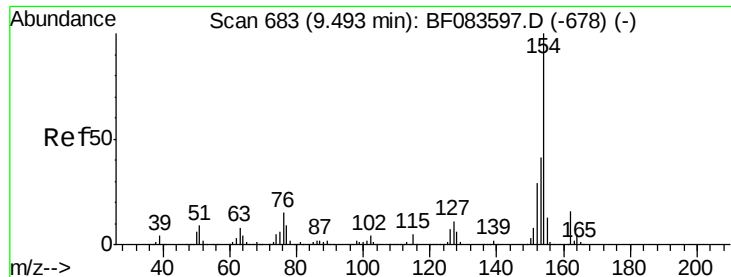


#44
 2-Fluorobiphenyl
 Concen: 135.86 ng
 RT: 9.36 min Scan# 671
 Delta R.T. 0.01 min
 Lab File: BF083600.D
 Acq: 8 Dec 2015 17:19



Tgt Ion:	172	Resp:	3022036
Ion Ratio	Lower	Upper	
172	100		
171	37.0	28.6	42.8
170	25.2	19.4	29.0





#45

1,1'-Biphenyl

Concen: 70.74 ng

RT: 9.50 min Scan# 684

Delta R.T. 0.01 min

Lab File: BF083600.D

Acq: 8 Dec 2015 17:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tgt Ion:154 Resp: 1901016

Ion Ratio Lower Upper

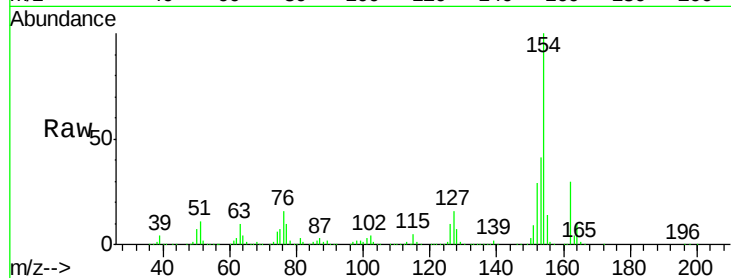
154 100

153 41.0 20.2 60.2

76 16.4 0.0 34.8

Manual Integrations
APPROVED

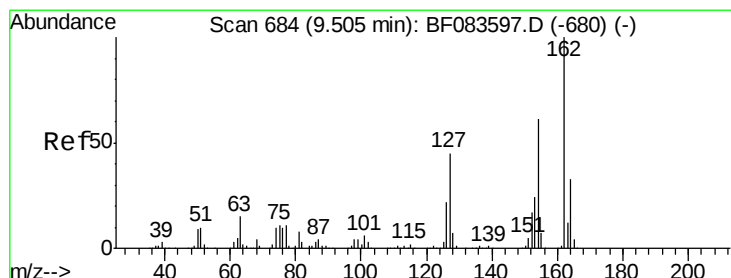
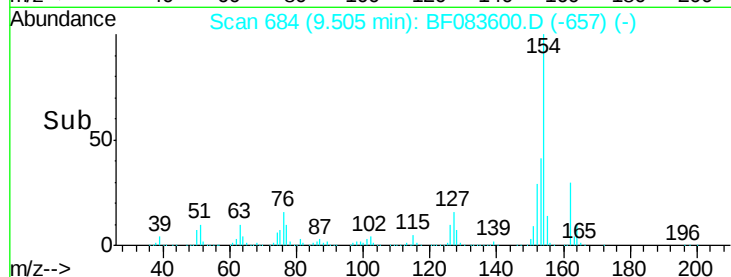
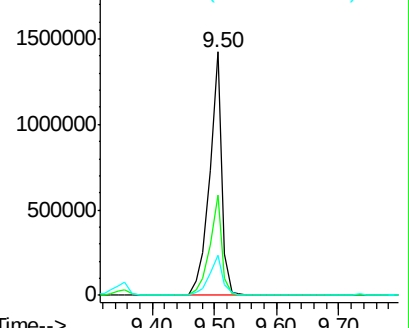
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 71.21 ng

RT: 9.52 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF083600.D

Acq: 8 Dec 2015 17:19

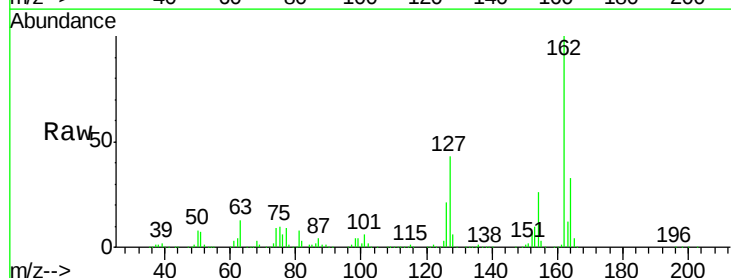
Tgt Ion:162 Resp: 1444409

Ion Ratio Lower Upper

162 100

127 43.3 31.0 46.4

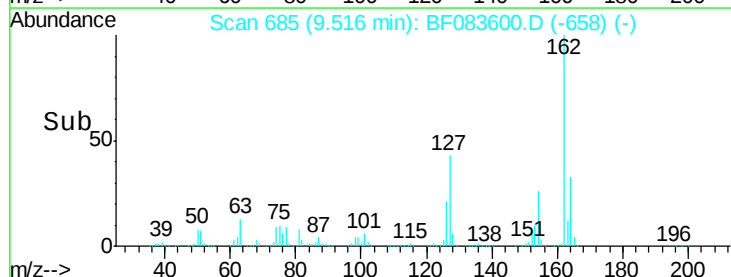
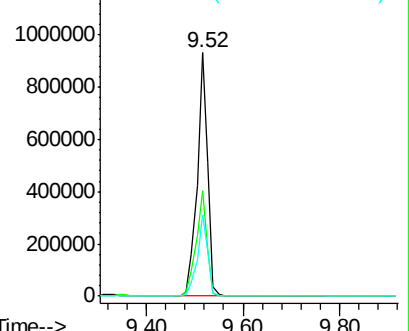
164 33.4 27.4 41.0

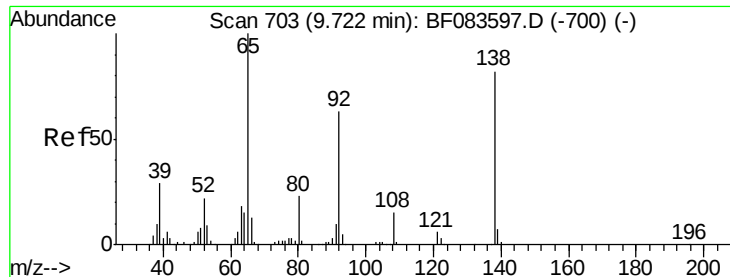


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





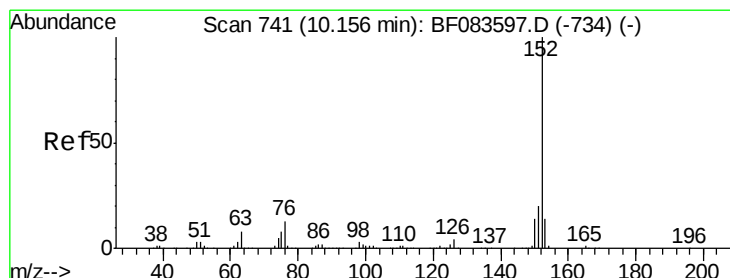
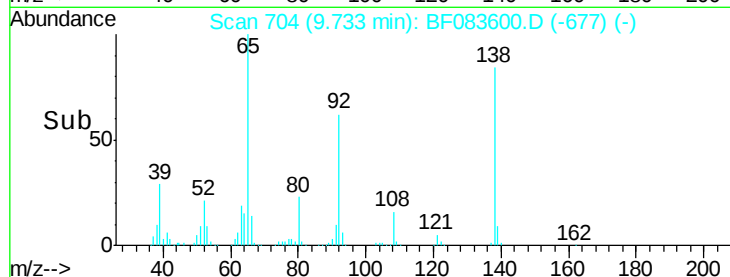
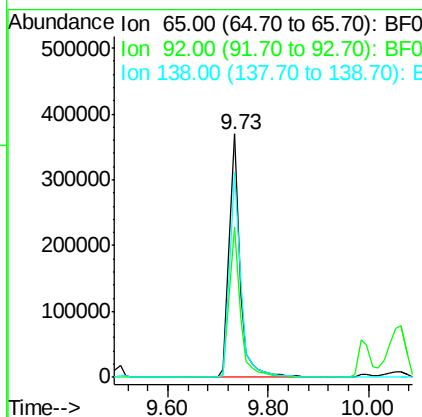
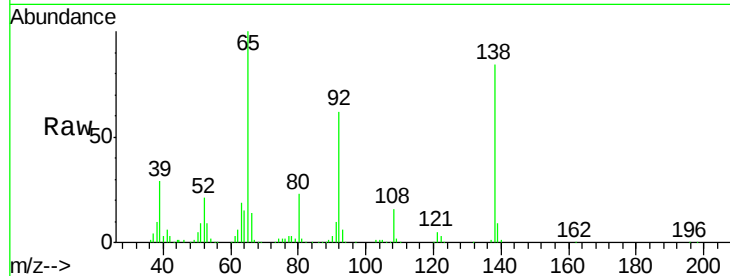
#47
2-Nitroaniline
Concen: 78.61 ng
RT: 9.73 min Scan# 704
Delta R.T. 0.01 min
Lab File: BF083600.D
Acq: 8 Dec 2015 17:19

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.8	49.6	74.4
138	84.4	64.1	96.1

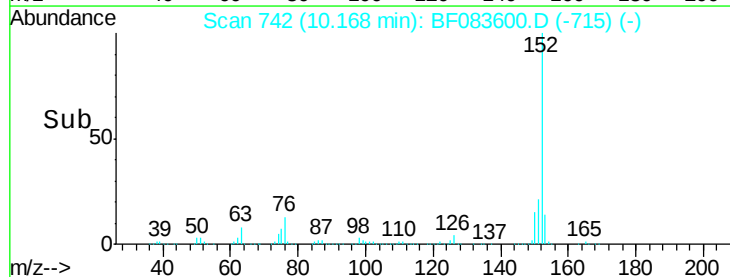
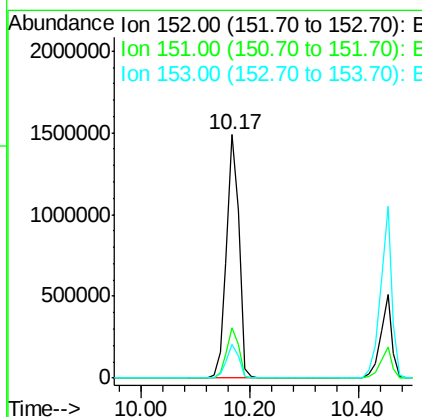
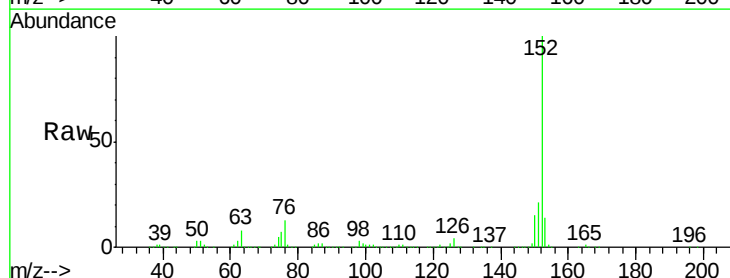
Manual Integrations
APPROVED

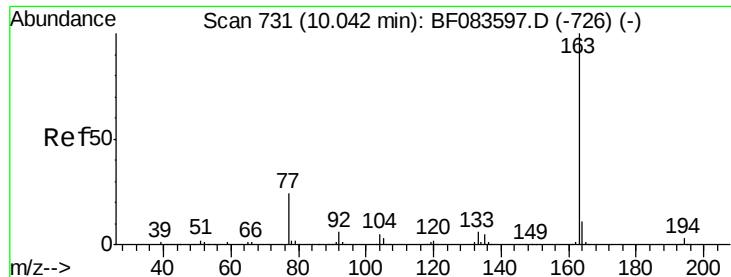
Mmdadoda
12/9/2015 6:13:18 PM



#48
Acenaphthylene
Concen: 72.21 ng
RT: 10.17 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF083600.D
Acq: 8 Dec 2015 17:19

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.3	24.5
153	13.9	10.8	16.2





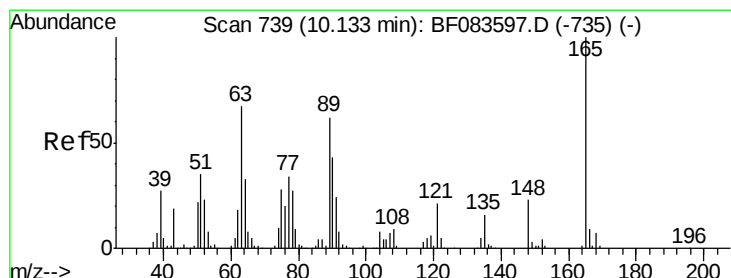
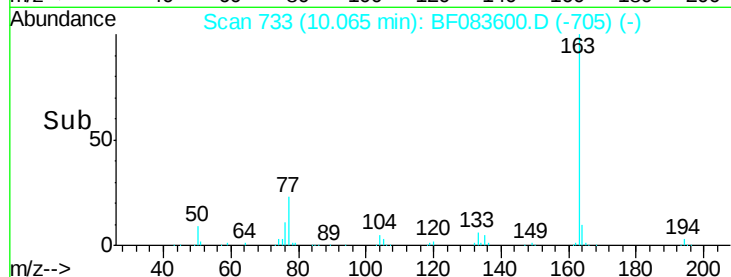
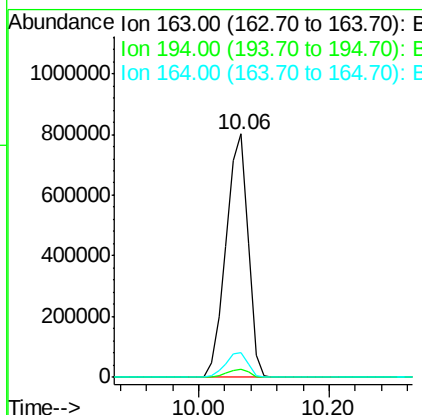
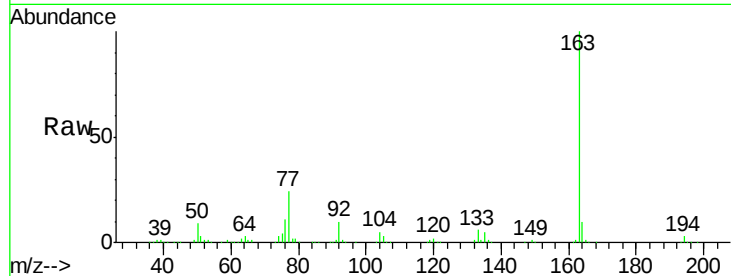
#49
Dimethylphthalate
Concen: 77.84 ng
RT: 10.06 min Scan# 733
Delta R.T. 0.02 min
Lab File: BF083600.D
Acq: 8 Dec 2015 17:19

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:163 Resp: 1864870
Ion Ratio Lower Upper
163 100
194 3.3 2.8 4.2
164 10.2 8.6 13.0

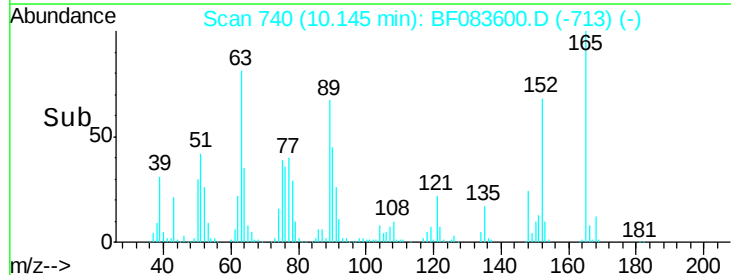
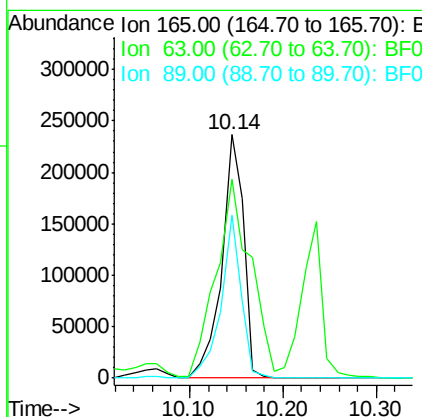
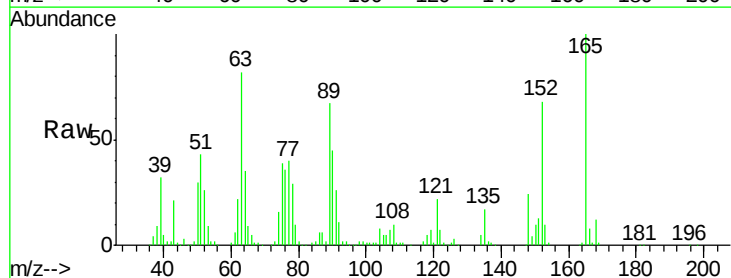
Manual Integrations
APPROVED

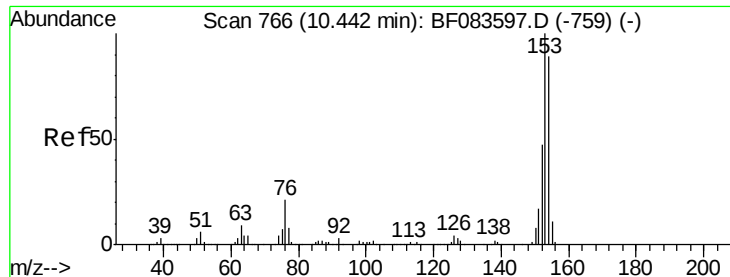
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12/9/2015 6:13:18 PM



#50
2,6-Dinitrotoluene
Concen: 76.83 ng
RT: 10.14 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF083600.D
Acq: 8 Dec 2015 17:19

Tgt Ion:165 Resp: 386337
Ion Ratio Lower Upper
165 100
63 81.7 56.9 85.3
89 67.0 52.1 78.1





#51

Acenaphthene

Concen: 71.49 ng

RT: 10.45 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF083600.D

Acq: 8 Dec 2015 17:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:154 Resp: 1369050

Ion Ratio Lower Upper

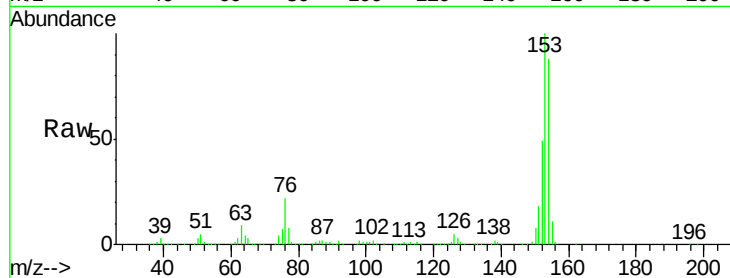
154 100

153 113.8 91.4 137.0

152 55.3 43.4 65.2

Manual Integrations
APPROVED

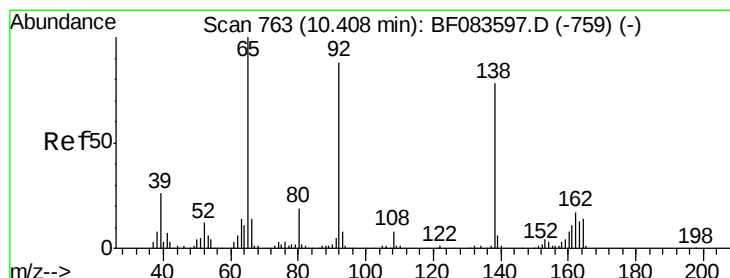
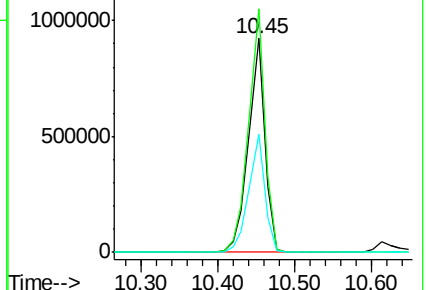
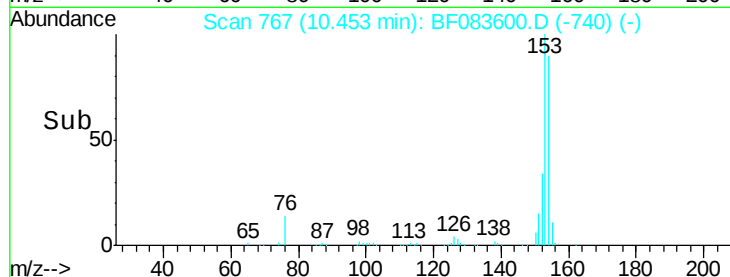
Mmdadoda
12/9/2015 6:13:18 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 77.05 ng

RT: 10.42 min Scan# 764

Delta R.T. 0.01 min

Lab File: BF083600.D

Acq: 8 Dec 2015 17:19

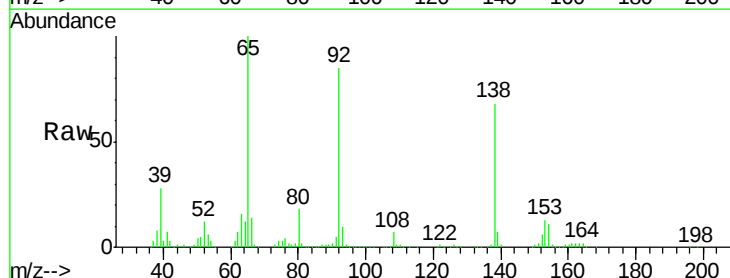
Tgt Ion:138 Resp: 419620

Ion Ratio Lower Upper

138 100

108 10.1 9.9 14.9

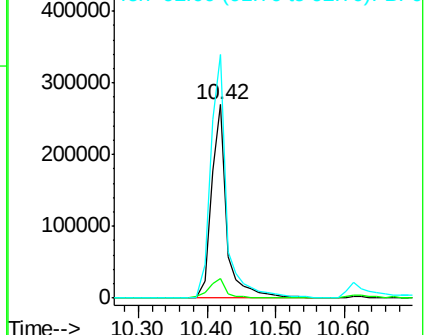
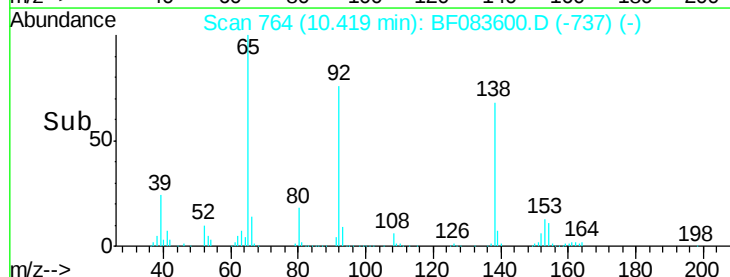
92 126.1 113.8 170.8

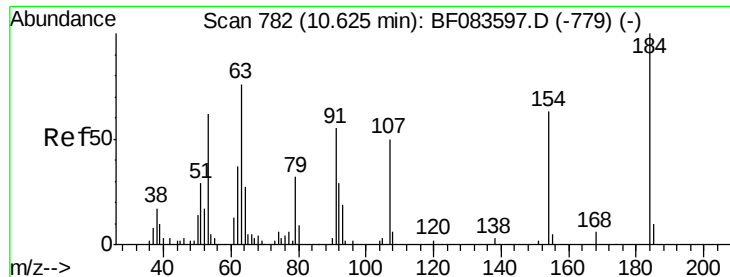


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





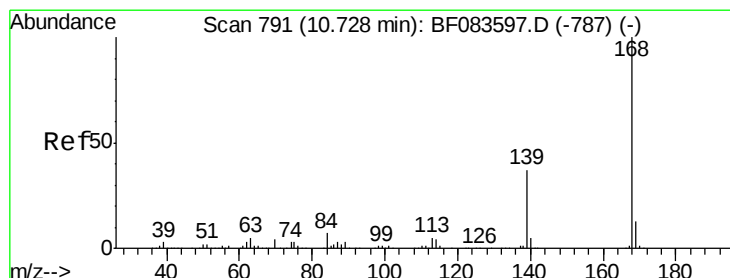
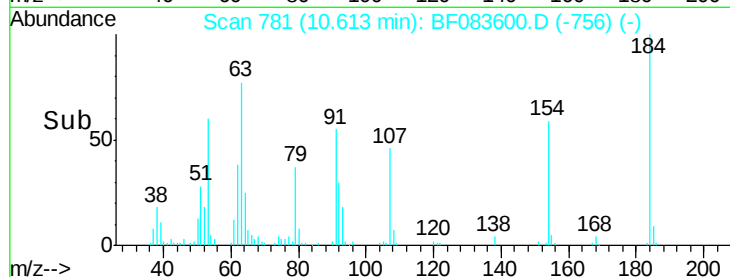
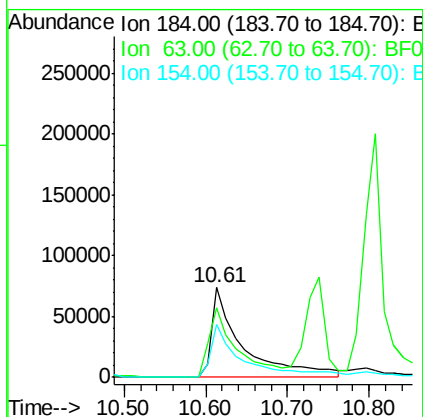
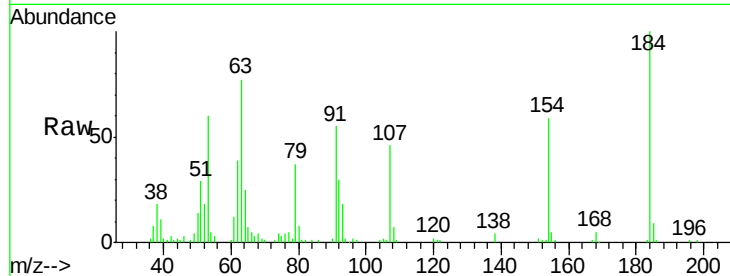
#53
2,4-Dinitrophenol
Concen: 90.28 ng
RT: 10.61 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF083600.D
Acq: 8 Dec 2015 17:19

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	196246		
63	77.3	62.4	93.6	
154	59.1	46.6	69.8	

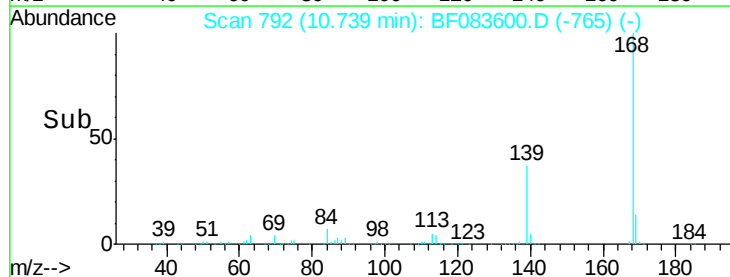
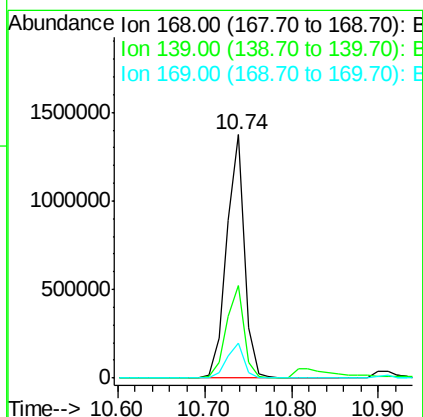
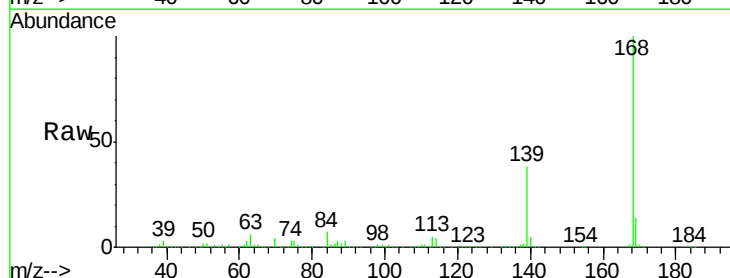
Manual Integrations
APPROVED

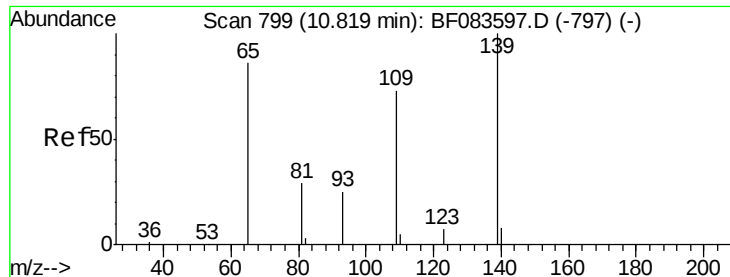
Mmdadoda
12/9/2015 6:13:18 PM



#54
Dibenzofuran
Concen: 73.00 ng
RT: 10.74 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF083600.D
Acq: 8 Dec 2015 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1939565		
139	38.0	28.0	42.0	
169	14.2	10.8	16.2	





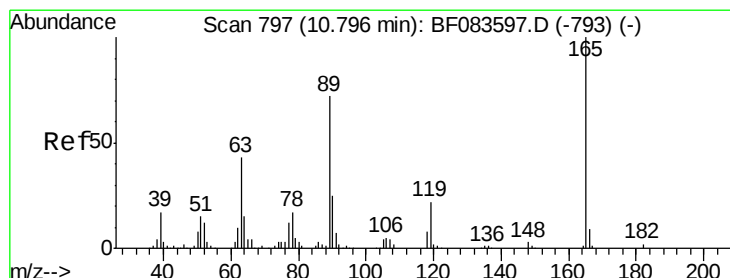
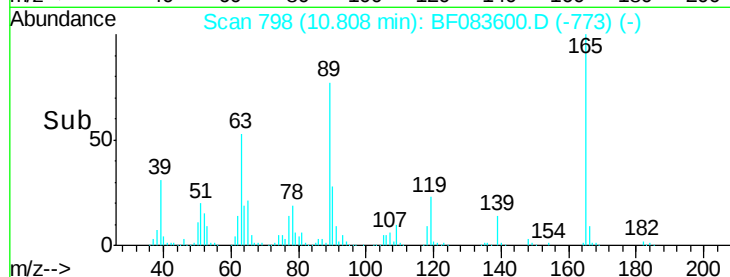
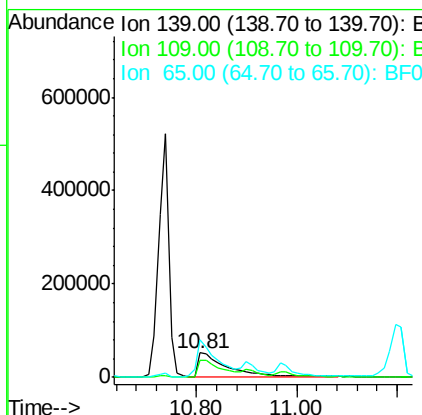
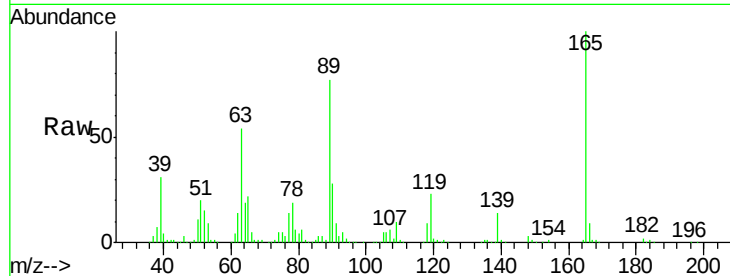
#55
4-Nitrophenol
Concen: 71.03 ng
RT: 10.81 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF083600.D
Acq: 8 Dec 2015 17:19

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	208999		
109	70.6	42.0	82.0	
65	156.1	89.2	129.2	

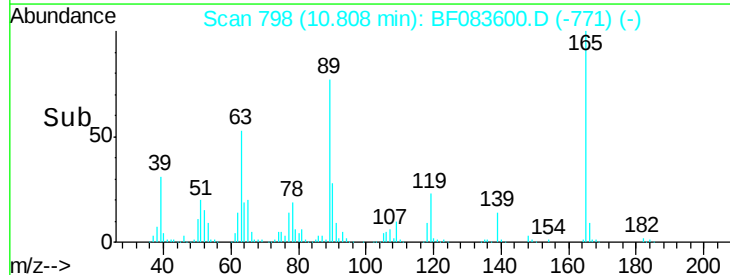
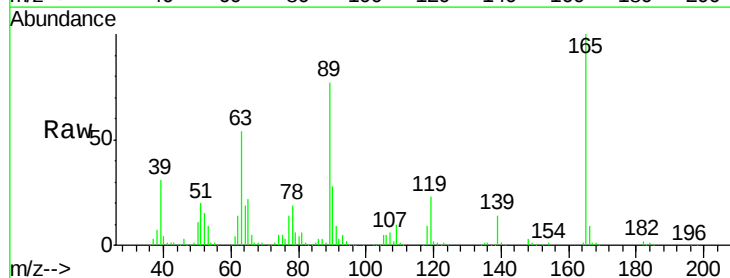
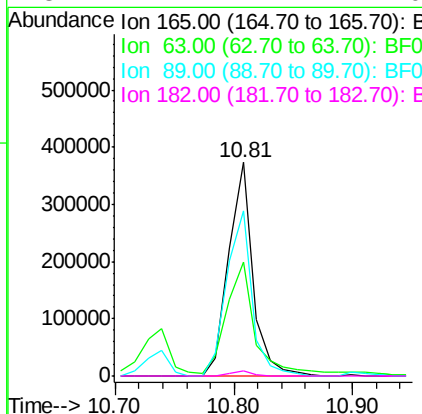
Manual Integrations
APPROVED

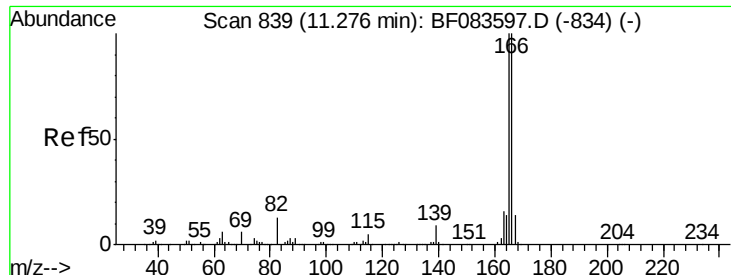
Mmdadoda
12/9/2015 6:13:18 PM



#56
2,4-Dinitrotoluene
Concen: 80.51 ng
RT: 10.81 min Scan# 798
Delta R.T. 0.01 min
Lab File: BF083600.D
Acq: 8 Dec 2015 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	533326		
63	53.6	51.4	77.2	
89	77.4	72.6	108.8	
182	2.2	1.4	2.0	





#57

Fluorene

Concen: 70.34 ng

RT: 11.29 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF083600.D

Acq: 8 Dec 2015 17:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:166 Resp: 1619090

Ion Ratio Lower Upper

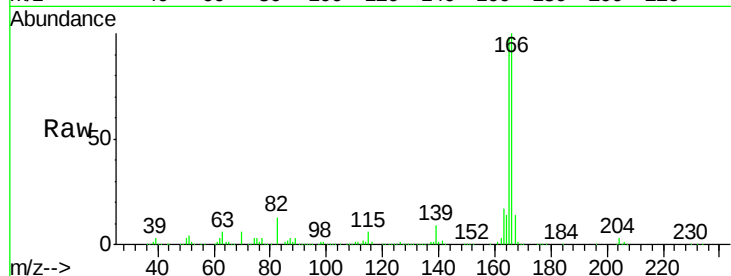
166 100

165 97.6 80.0 120.0

167 14.3 10.6 16.0

Manual Integrations
APPROVED

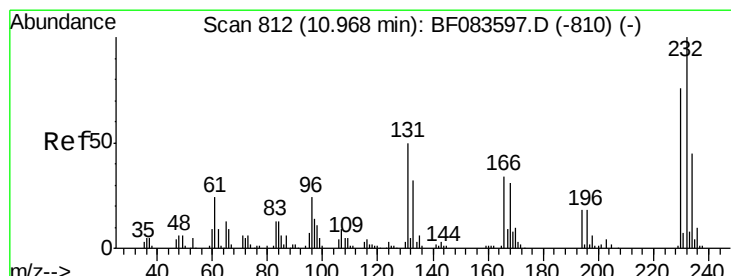
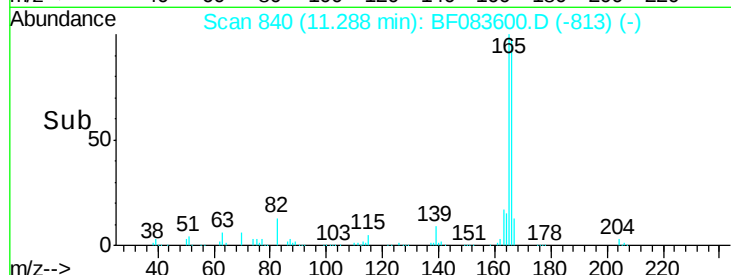
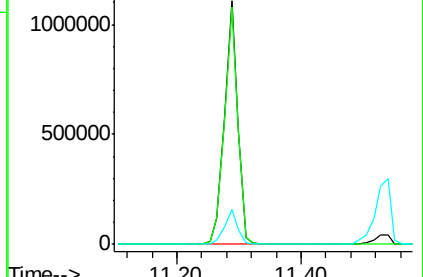
Mmdadoda
12/9/2015 6:13:18 PM



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: 79.41 ng

RT: 10.98 min Scan# 813

Delta R.T. 0.01 min

Lab File: BF083600.D

Acq: 8 Dec 2015 17:19

Tgt Ion:232 Resp: 382721

Ion Ratio Lower Upper

232 100

131 46.0 0.0 0.0#

130 2.3 0.0 0.0#

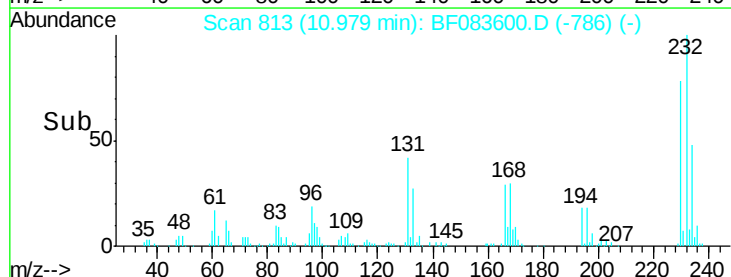
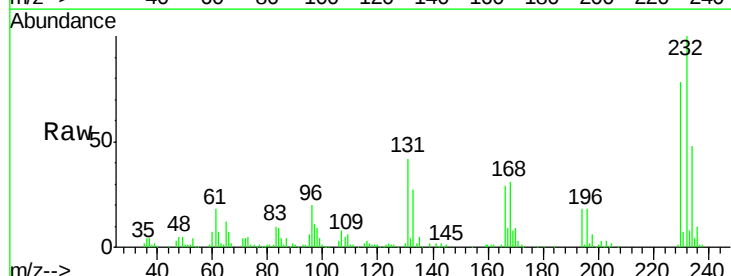
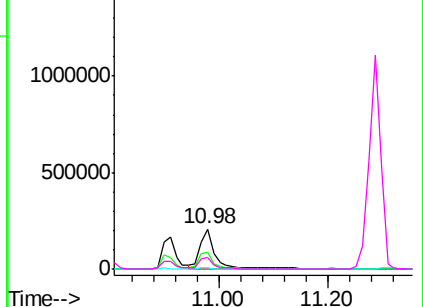
166 29.9 0.0 0.0#

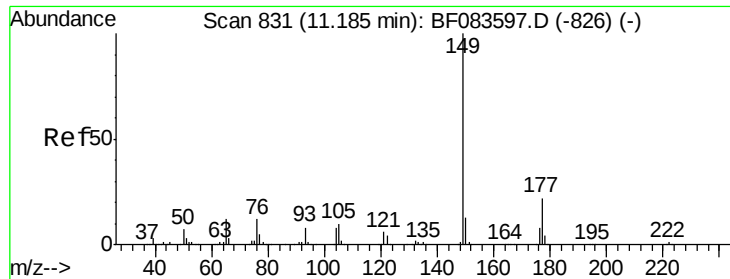
Abundance Ion 232.00 (231.70 to 232.70): E

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





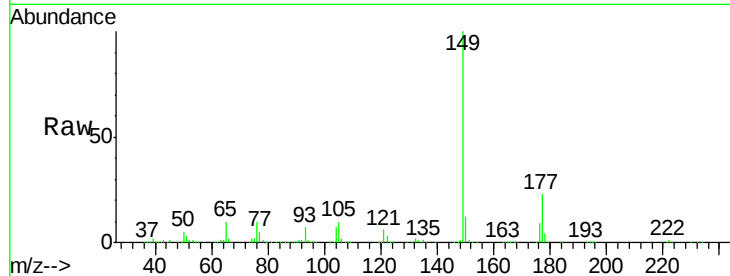
#59
Diethylphthalate
Concen: 78.47 ng
RT: 11.21 min Scan# 833
Delta R.T. 0.02 min
Lab File: BF083600.D
Acq: 8 Dec 2015 17:19

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

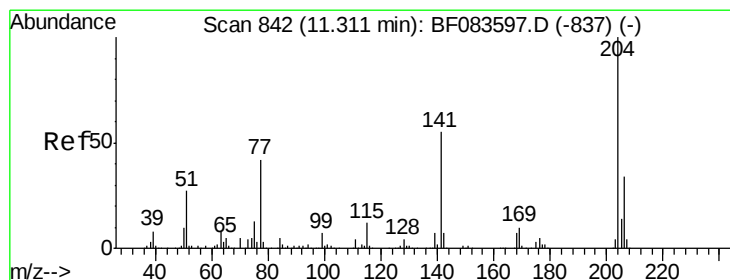
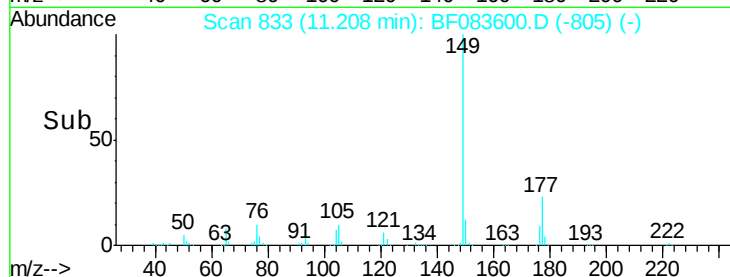
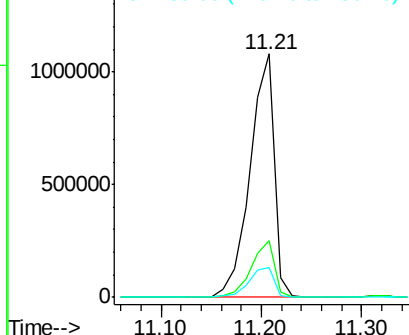
Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.2	16.9	25.3
150	12.5	10.2	15.4

Manual Integrations
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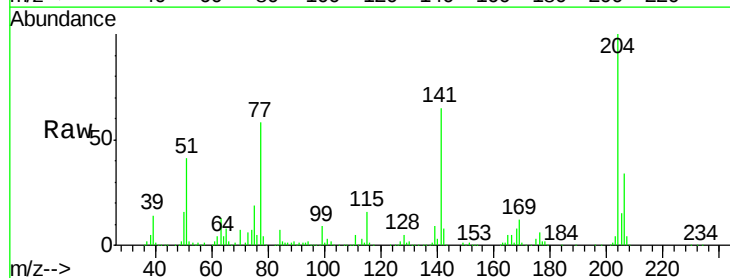


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

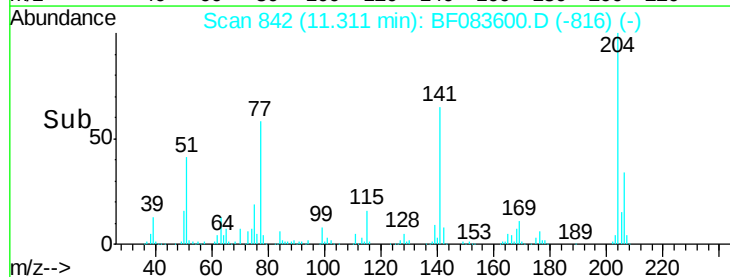
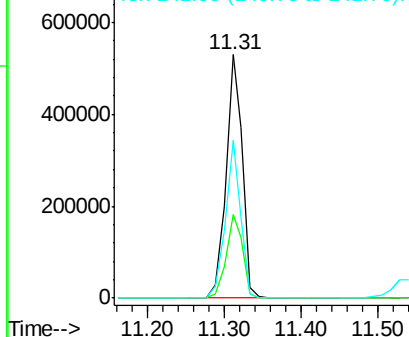


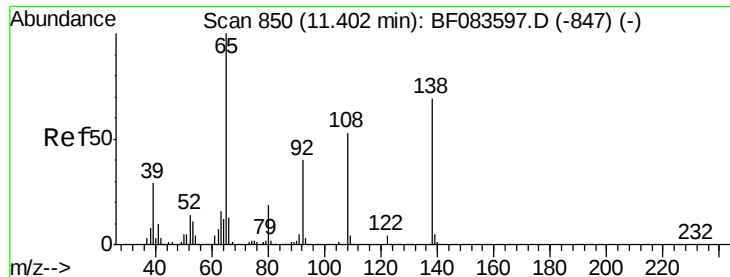
#60
4-Chlorophenyl-phenylether
Concen: 71.89 ng
RT: 11.31 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF083600.D
Acq: 8 Dec 2015 17:19

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.4	27.3	40.9
141	64.6	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





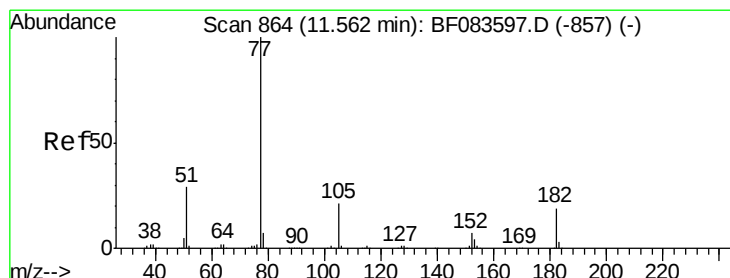
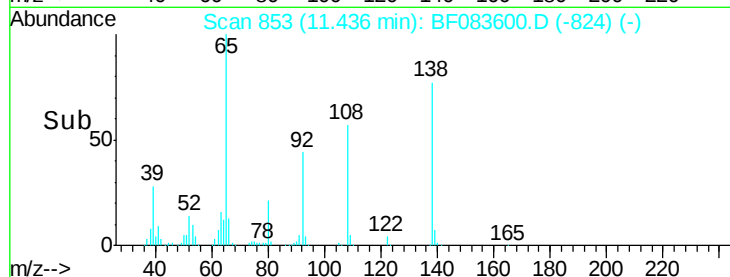
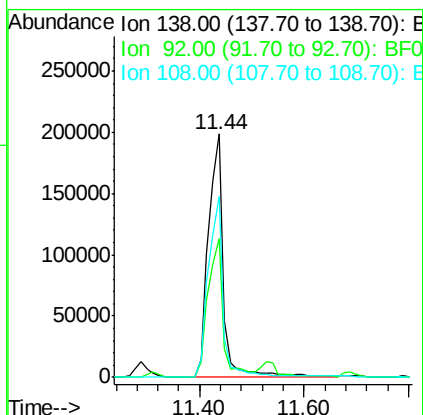
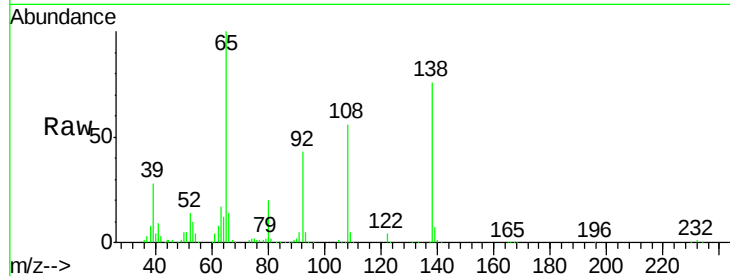
#61
4-Nitroaniline
Concen: 81.64 ng
RT: 11.44 min Scan# 853
Delta R.T. 0.03 min
Lab File: BF083600.D
Acq: 8 Dec 2015 17:19

Instrument :
BNA_F
ClientSampled :
SSTDIC080

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.7	29.0	69.0
108	74.1	47.4	87.4

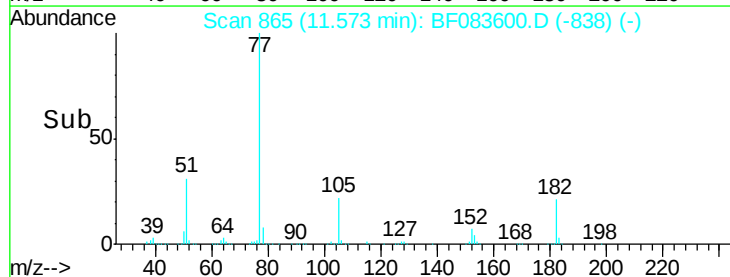
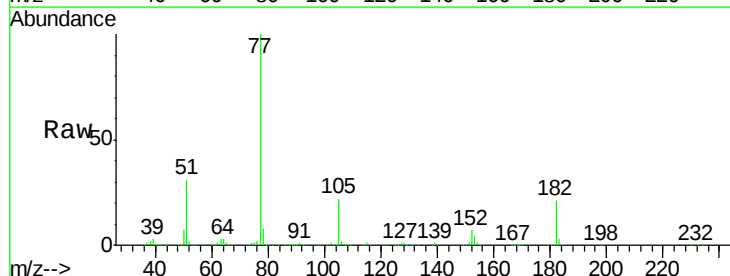
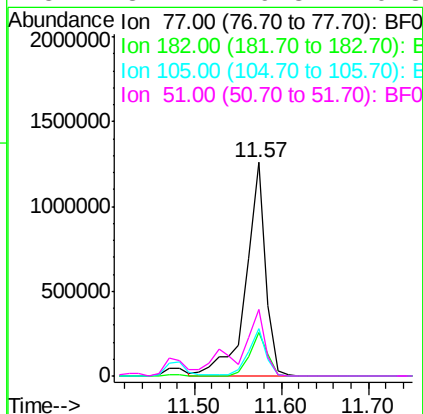
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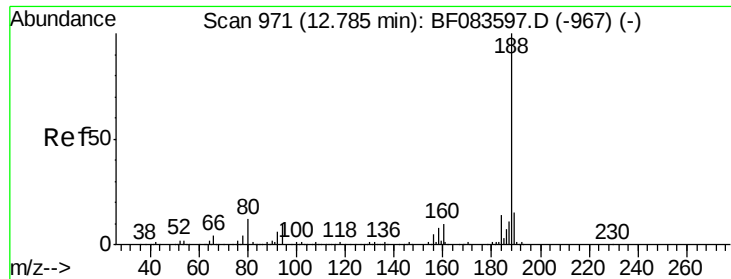
Mmdadoda
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#62
Azobenzene
Concen: 79.32 ng
RT: 11.57 min Scan# 865
Delta R.T. 0.01 min
Lab File: BF083600.D
Acq: 8 Dec 2015 17:19

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.7	2.5	42.5
105	22.2	2.1	42.1
51	31.2	9.3	49.3





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.78 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF083600.D

Acq: 8 Dec 2015 17:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tgt Ion:188 Resp: 562072
Ion Ratio Lower Upper

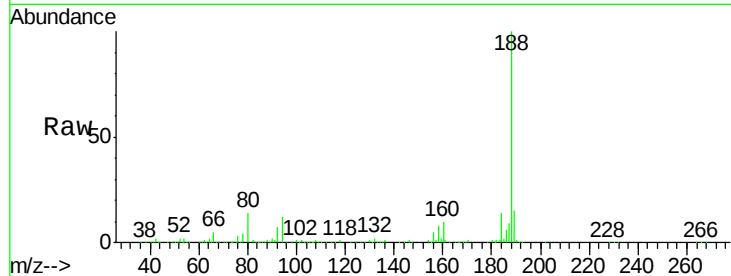
188 100

94 12.2 9.4 14.2

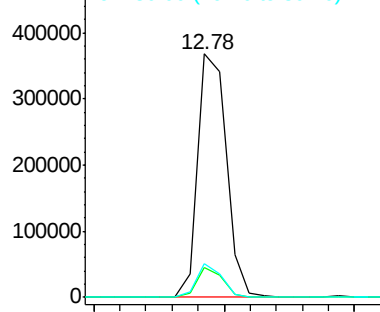
80 14.0 10.6 16.0

Manual Integrations
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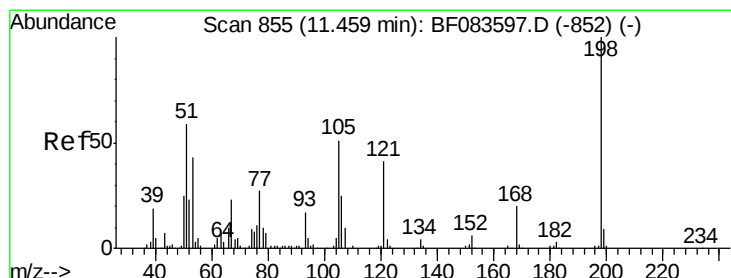
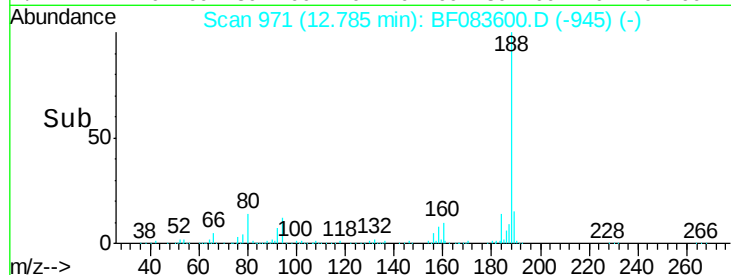
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Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0



Time--> 12.70 12.80 12.90



#64

4,6-Dinitro-2-methylphenol

Concen: 86.58 ng

RT: 11.48 min Scan# 857

Delta R.T. 0.02 min

Lab File: BF083600.D

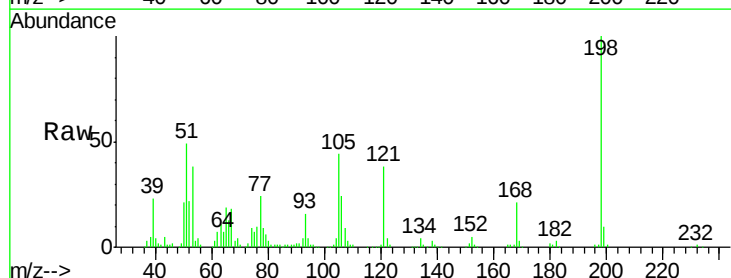
Acq: 8 Dec 2015 17:19

Tgt Ion:198 Resp: 310167
Ion Ratio Lower Upper

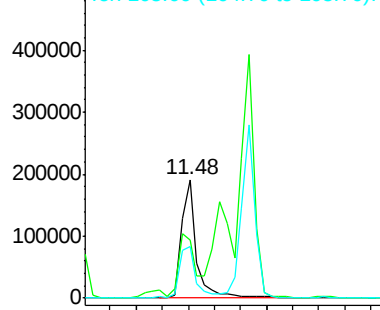
198 100

51 49.3 53.8 93.8#

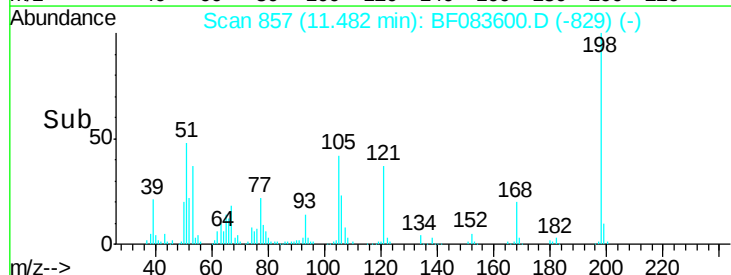
105 44.0 38.6 78.6

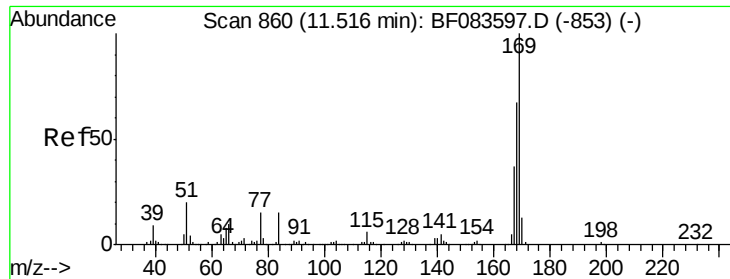


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E



Time--> 11.40 11.60





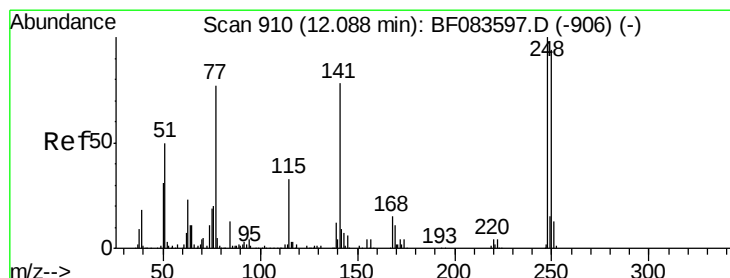
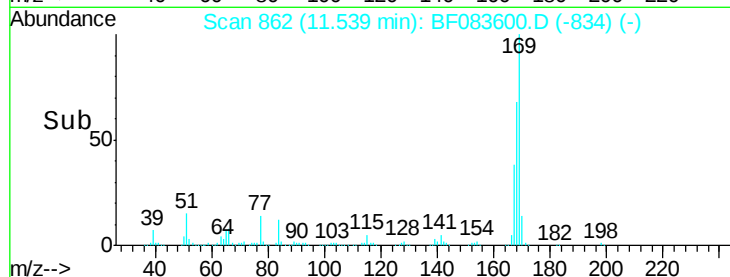
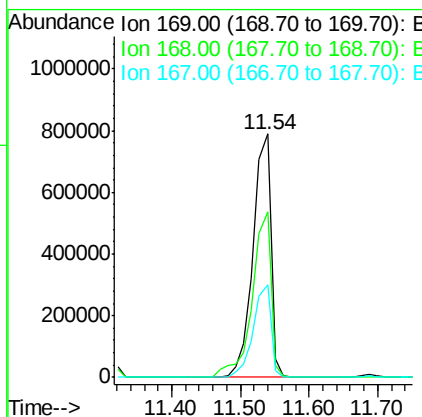
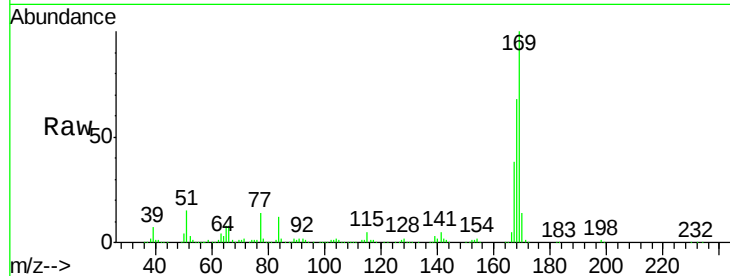
#65
n-Nitrosodiphenylamine
Concen: 75.57 ng
RT: 11.54 min Scan# 862
Delta R.T. 0.02 min
Lab File: BF083600.D
Acq: 8 Dec 2015 17:19

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:169 Resp: 1404330
Ion Ratio Lower Upper
169 100
168 68.2 53.0 79.6
167 37.8 29.3 43.9

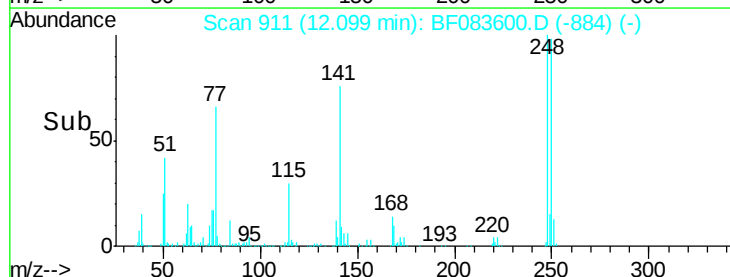
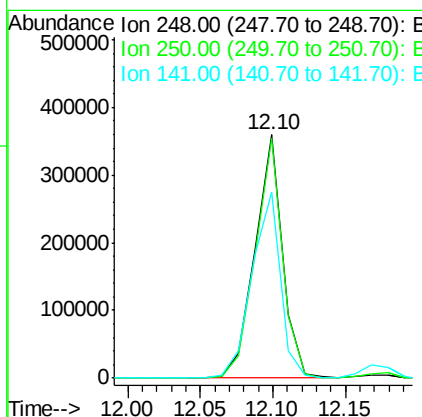
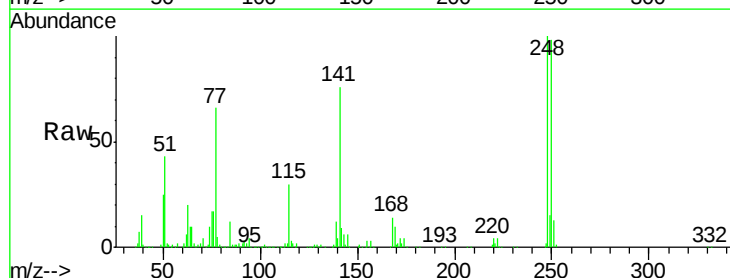
Manual Integrations
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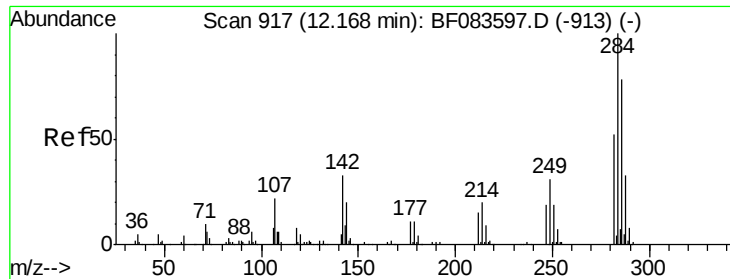
Mmdadoda
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#66
4-Bromophenyl-phenylether
Concen: 76.86 ng
RT: 12.10 min Scan# 911
Delta R.T. 0.01 min
Lab File: BF083600.D
Acq: 8 Dec 2015 17:19

Tgt Ion:248 Resp: 473392
Ion Ratio Lower Upper
248 100
250 98.4 79.2 118.8
141 76.2 58.2 87.4





#67

Hexachlorobenzene

Concen: 76.36 ng

RT: 12.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: BF083600.D

Acq: 8 Dec 2015 17:19

Instrument :

BNA_F

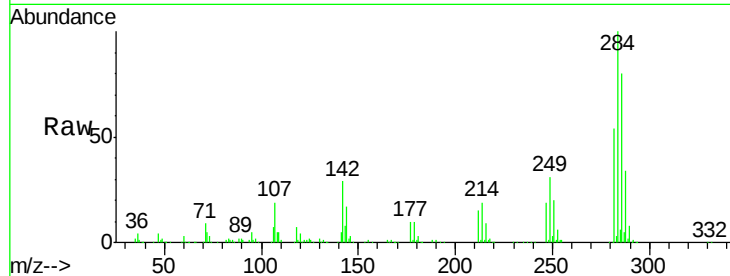
ClientSampleId :

SSTDIC080

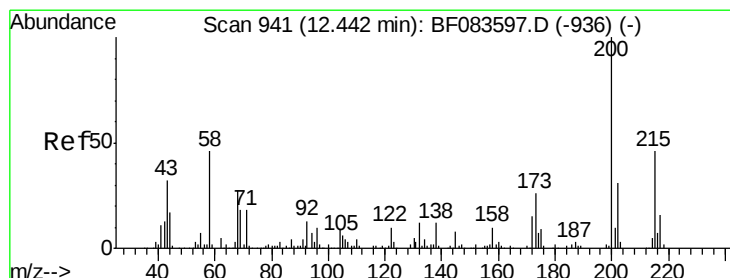
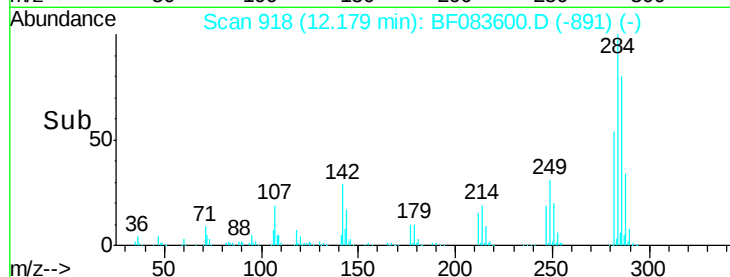
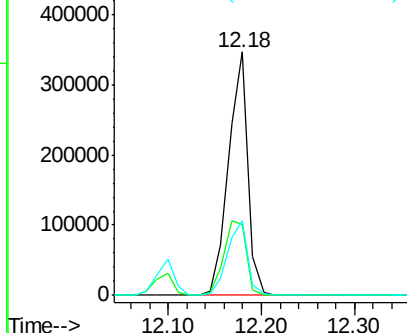
Tgt Ion:	284	Resp:	502376
Ion Ratio	Lower	Upper	
284	100		
142	29.2	31.0	46.4#
249	30.7	26.9	40.3

Manual Integrations
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 70.37 ng

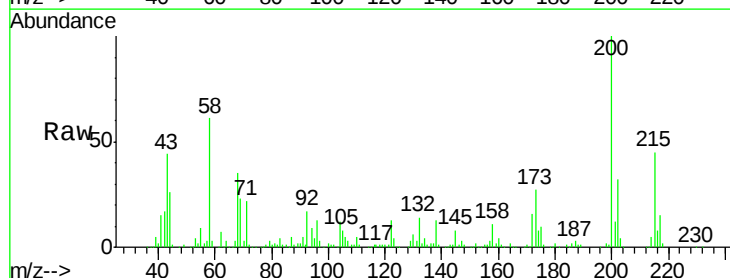
RT: 12.45 min Scan# 942

Delta R.T. 0.01 min

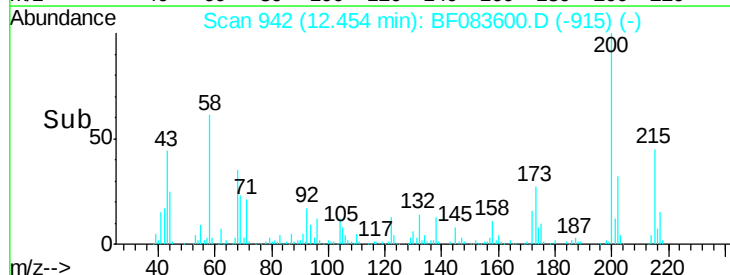
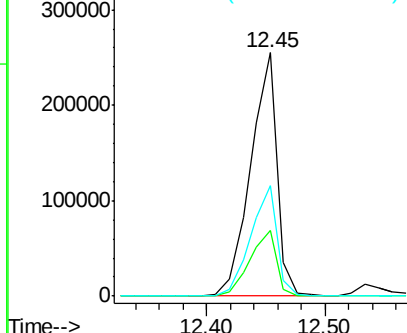
Lab File: BF083600.D

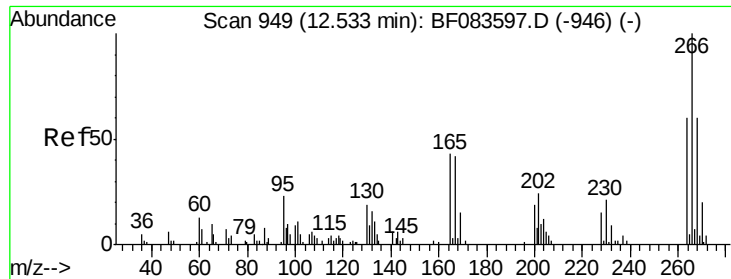
Acq: 8 Dec 2015 17:19

Tgt Ion:	200	Resp:	396187
Ion Ratio	Lower	Upper	
200	100		
173	27.1	7.8	47.8
215	45.5	25.7	65.7



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





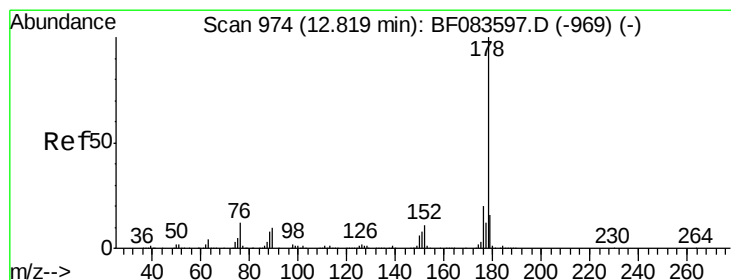
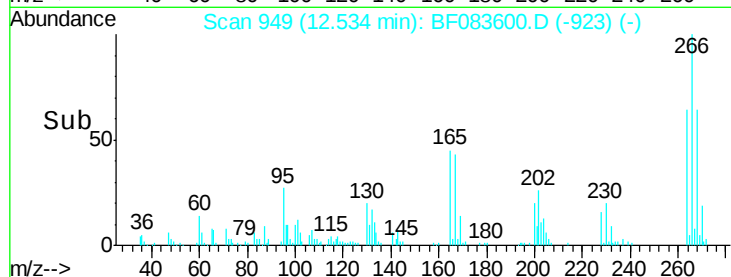
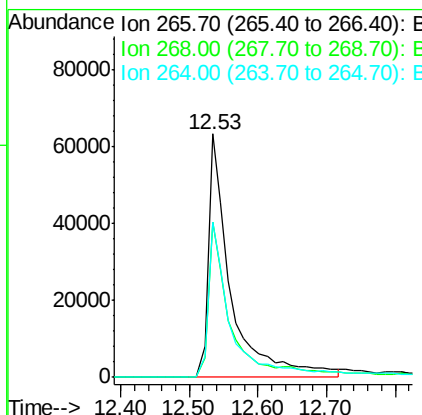
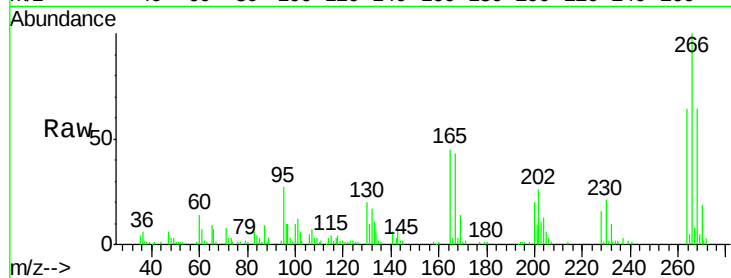
#69
 Pentachlorophenol
 Concen: 58.87 ng
 RT: 12.53 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BF083600.D
 Acq: 8 Dec 2015 17:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	144969		
268	63.8	50.2	75.2	
264	64.0	51.4	77.2	

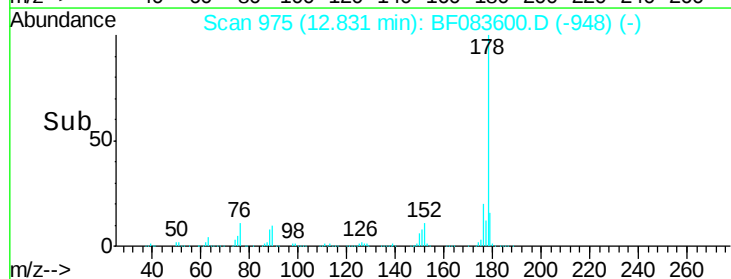
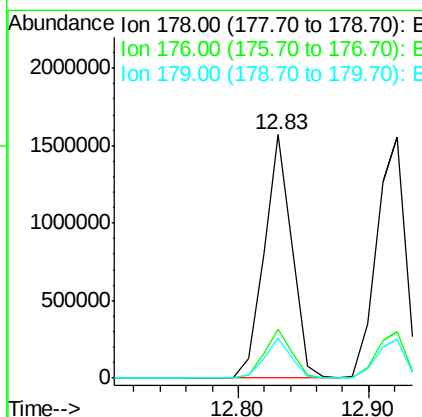
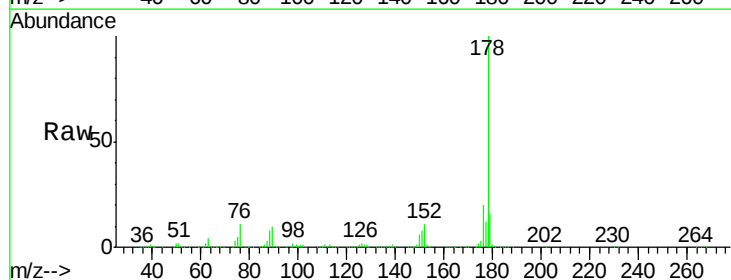
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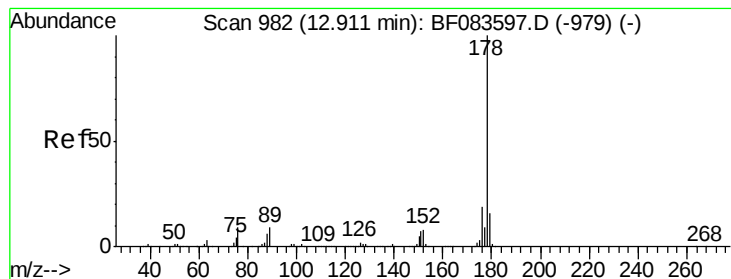
Mmdadoda
 12/9/2015 6:13:18 PM



#70
 Phenanthrene
 Concen: 71.36 ng
 RT: 12.83 min Scan# 975
 Delta R.T. 0.01 min
 Lab File: BF083600.D
 Acq: 8 Dec 2015 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2325226		
176	20.4	15.7	23.5	
179	16.5	12.2	18.4	





#71

Anthracene

Concen: 73.64 ng

RT: 12.92 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF083600.D

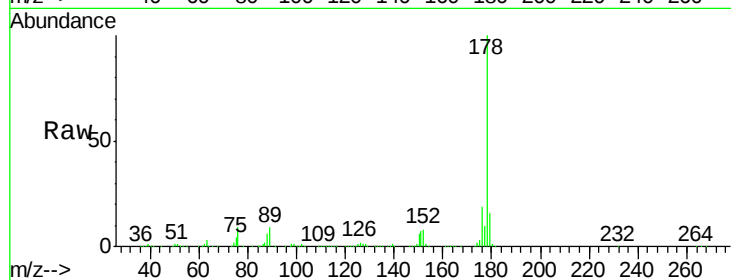
Acq: 8 Dec 2015 17:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:178 Resp: 2452263

Ion Ratio Lower Upper

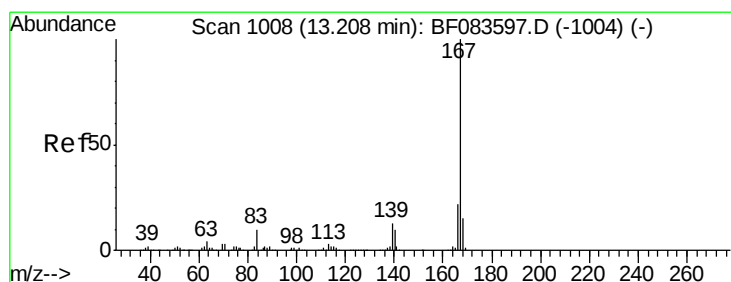
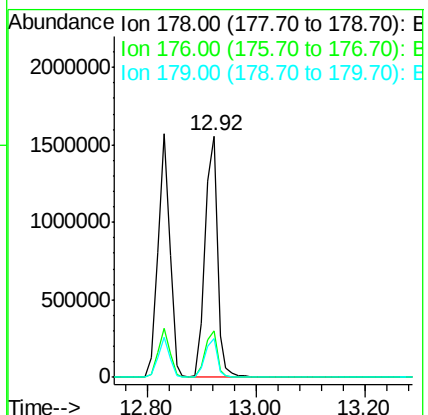
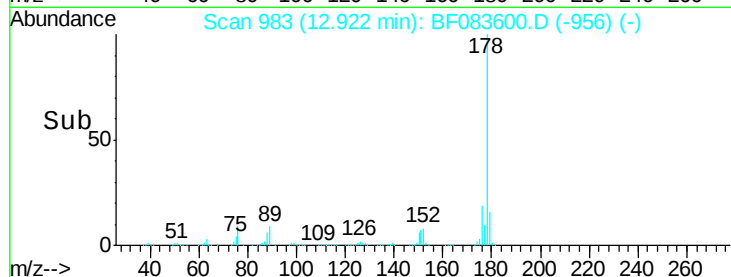
178 100

176 19.4 15.2 22.8

179 15.9 12.6 18.8

Manual Integrations
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#72

Carbazole

Concen: 73.97 ng

RT: 13.22 min Scan# 1009

Delta R.T. 0.01 min

Lab File: BF083600.D

Acq: 8 Dec 2015 17:19

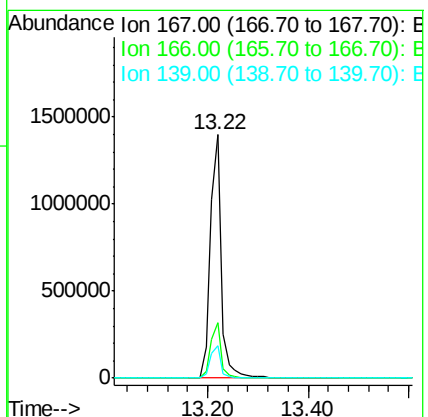
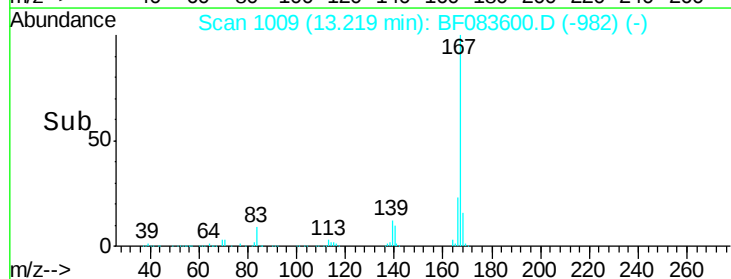
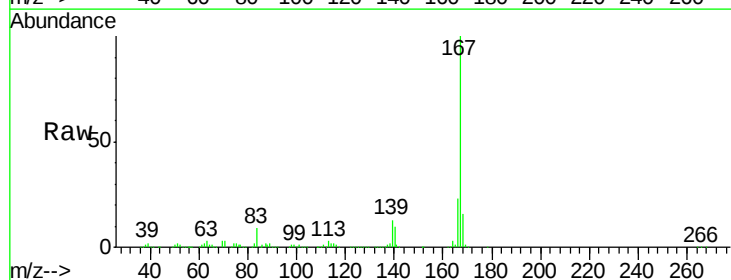
Tgt Ion:167 Resp: 2114209

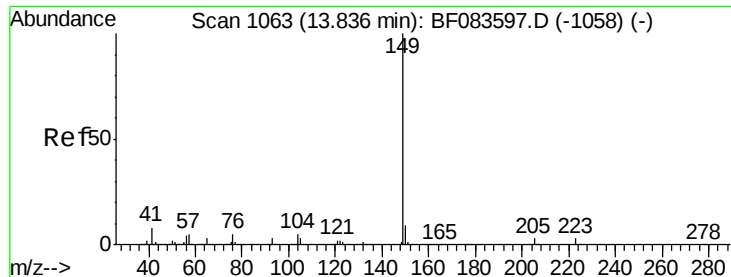
Ion Ratio Lower Upper

167 100

166 22.9 17.2 25.8

139 13.4 9.3 13.9





#73

Di-n-butylphthalate

Concen: 78.35 ng

RT: 13.84 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BF083600.D

Acq: 8 Dec 2015 17:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:149 Resp: 2717572

Ion Ratio Lower Upper

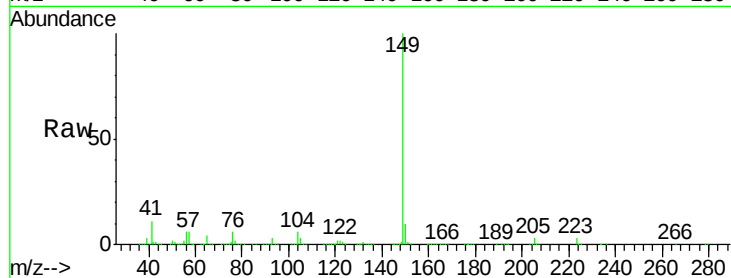
149 100

150 10.1 7.8 11.6

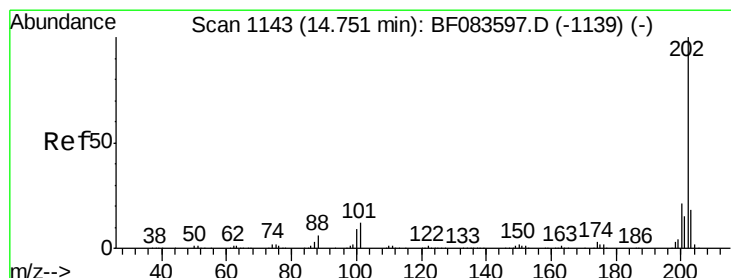
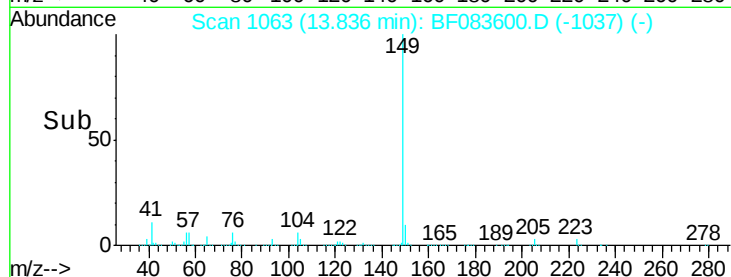
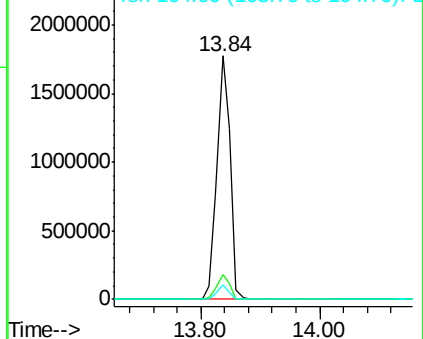
104 5.8 3.9 5.9

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 74.53 ng

RT: 14.75 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BF083600.D

Acq: 8 Dec 2015 17:19

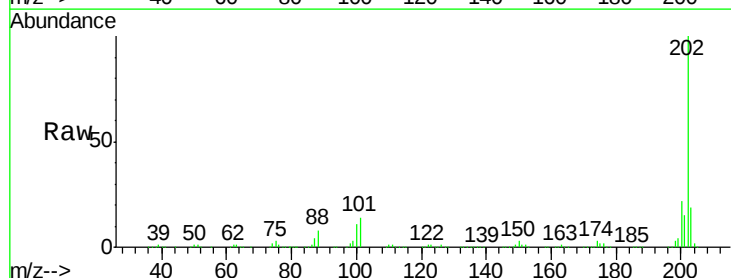
Tgt Ion:202 Resp: 2417280

Ion Ratio Lower Upper

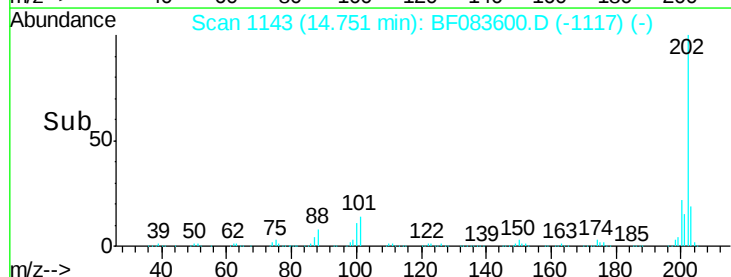
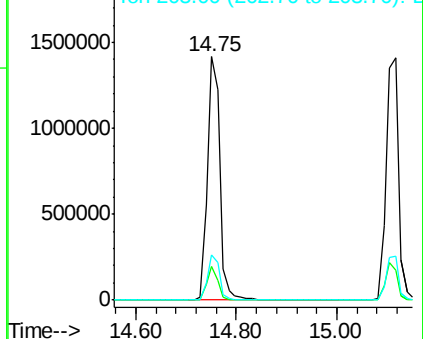
202 100

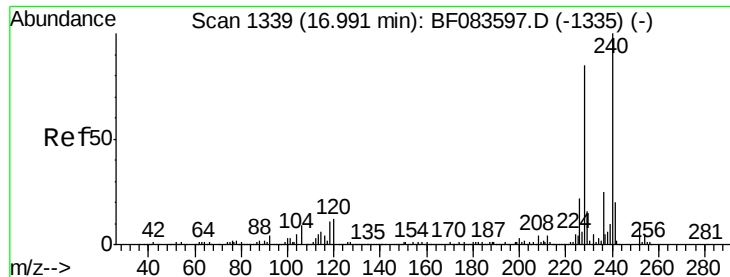
101 14.0 0.0 31.5

203 18.6 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





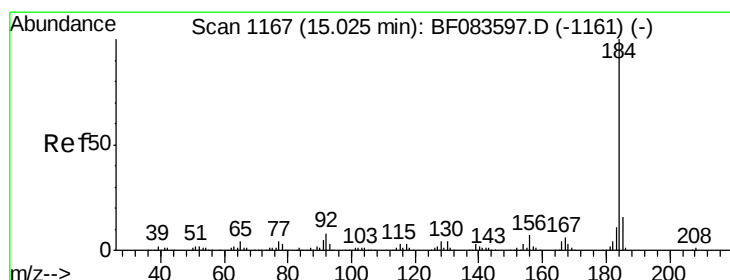
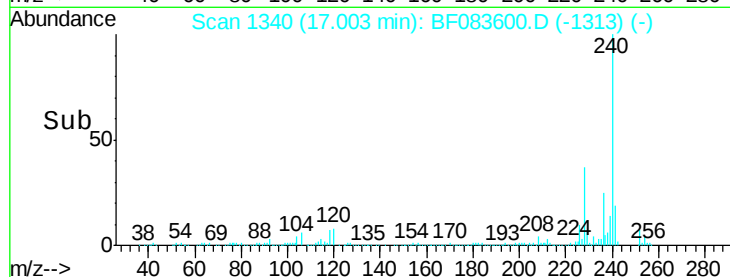
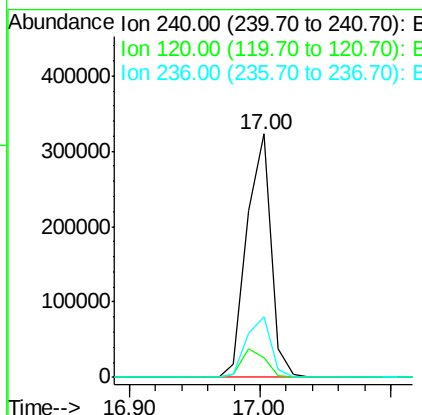
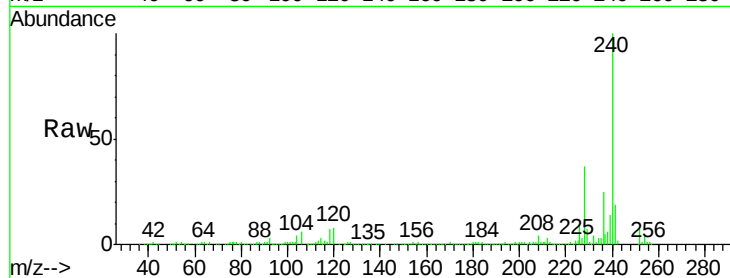
#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.00 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF083600.D
Acq: 8 Dec 2015 17:19

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	416038		
120	8.2		8.1	12.1
236	24.6		20.8	31.2

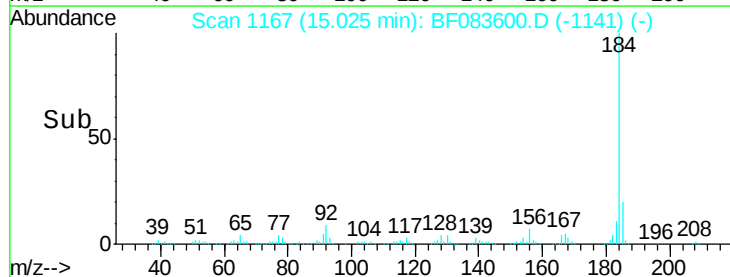
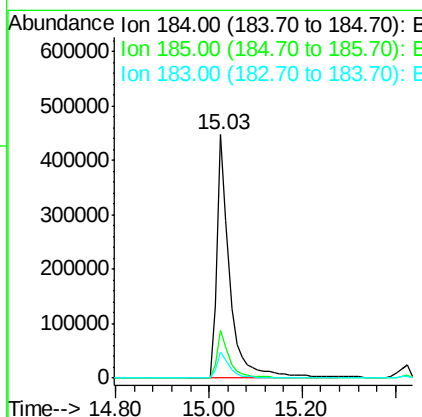
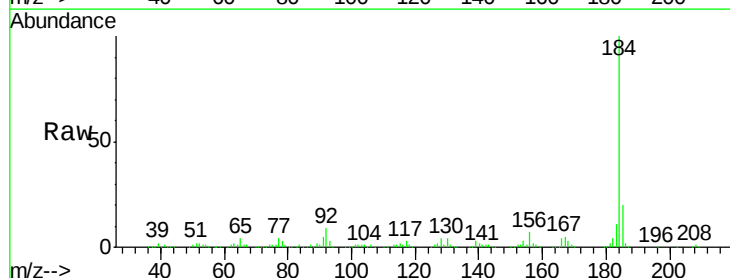
Manual Integrations
APPROVED

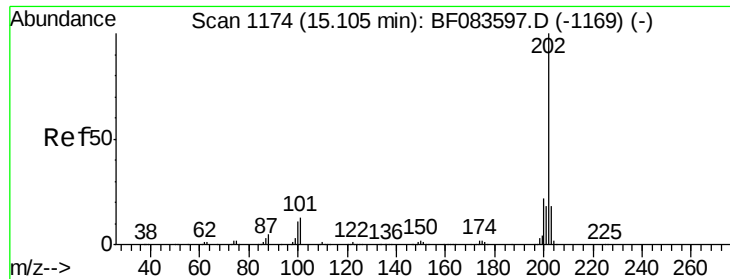
Mmdadoda
12/9/2015 6:13:18 PM



#76
Benzidine
Concen: 58.04 ng
RT: 15.03 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF083600.D
Acq: 8 Dec 2015 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	854727		
185	19.9		13.0	19.6#
183	10.8		9.0	13.4





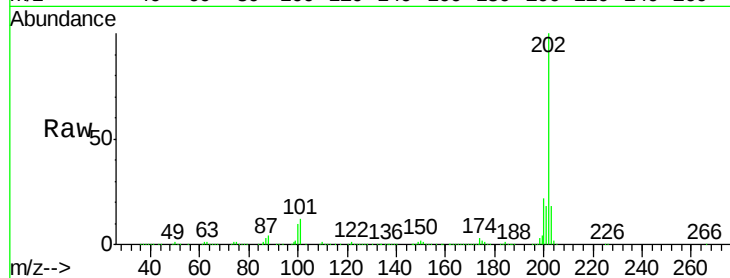
#77
 Pyrene
 Concen: 78.19 ng
 RT: 15.12 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: BF083600.D
 Acq: 8 Dec 2015 17:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

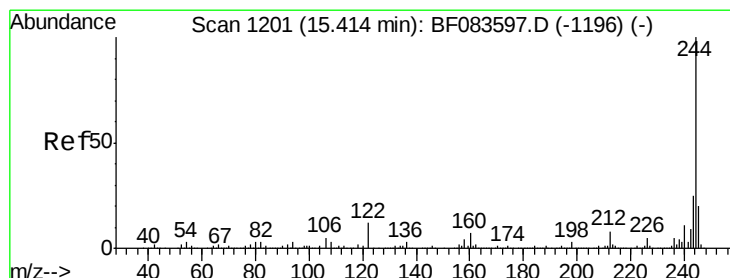
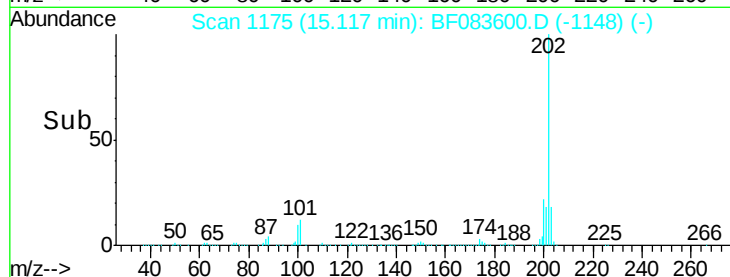
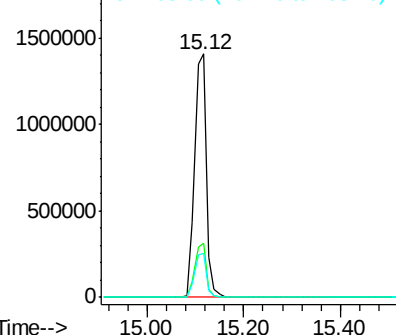
Tgt Ion: 202 Resp: 2413803
 Ion Ratio Lower Upper
 202 100
 200 22.2 16.7 25.1
 203 18.0 14.3 21.5

Manual Integrations
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Mmdadoda
 12/9/2015 6:13:18 PM

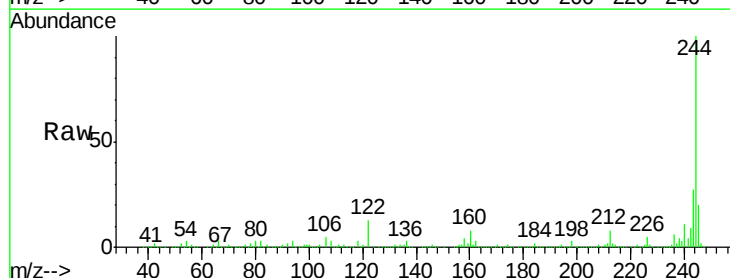


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

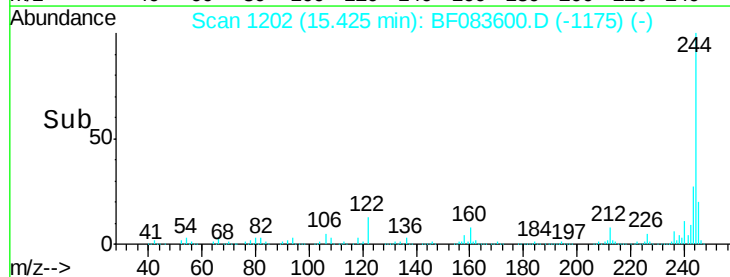
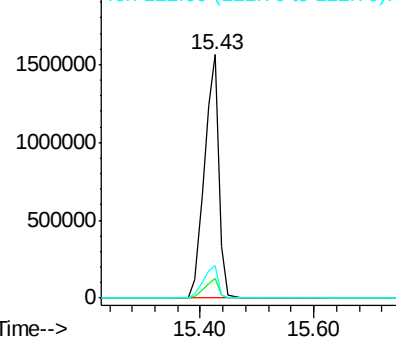


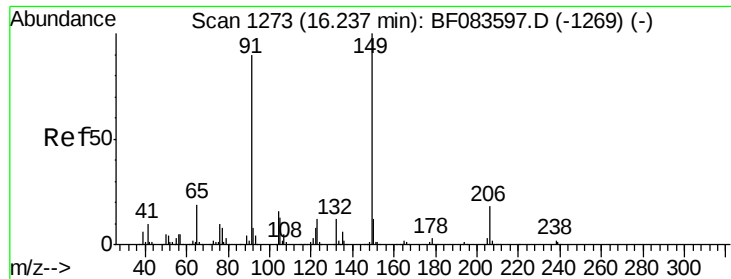
#78
 Terphenyl-d14
 Concen: 147.51 ng
 RT: 15.43 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF083600.D
 Acq: 8 Dec 2015 17:19

Tgt Ion: 244 Resp: 2721025
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.1 9.1
 122 13.1 11.0 16.6



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





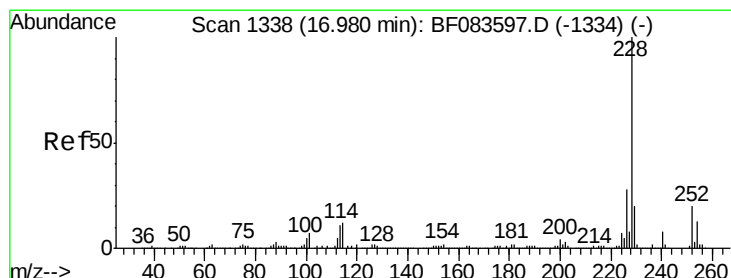
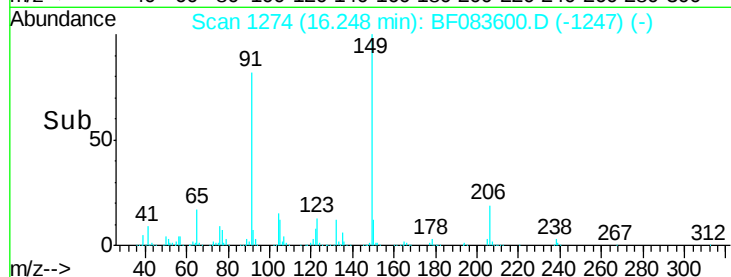
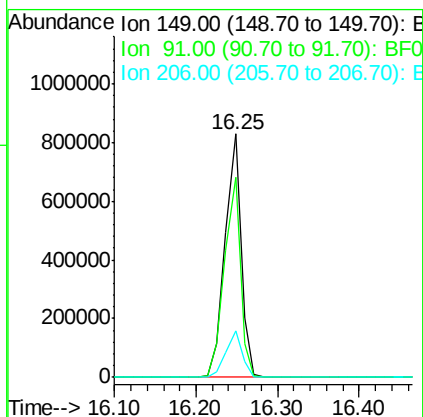
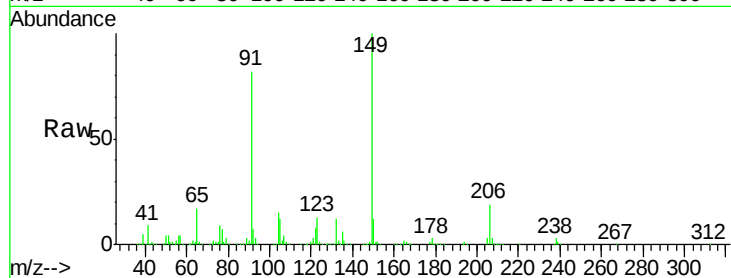
#79
Butylbenzylphthalate
Concen: 92.26 ng
RT: 16.25 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BF083600.D
Acq: 8 Dec 2015 17:19

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion	Ratio	Lower	Upper
149	100		
91	82.1	60.0	90.0
206	19.1	16.2	24.4

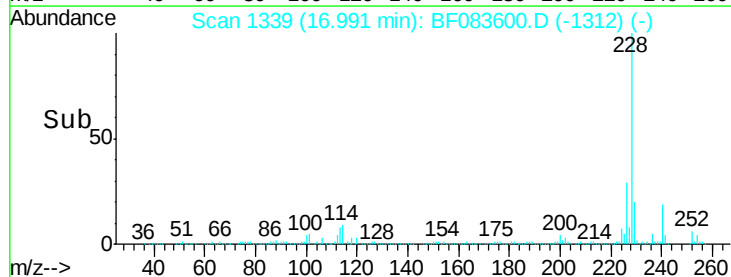
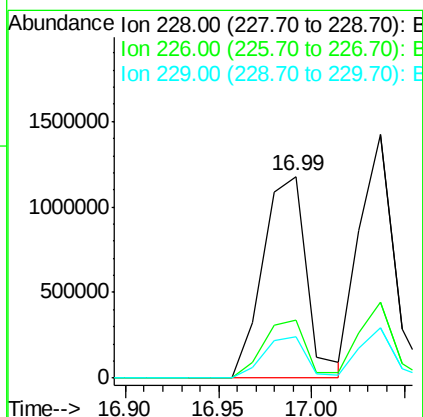
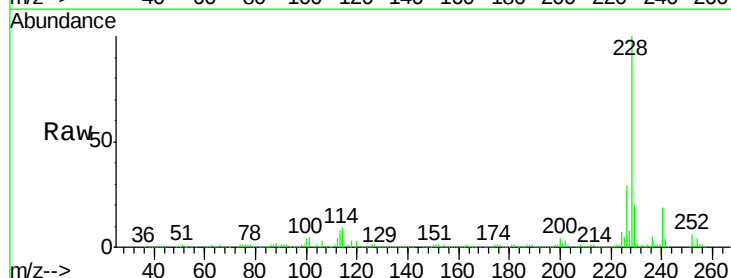
Manual Integrations
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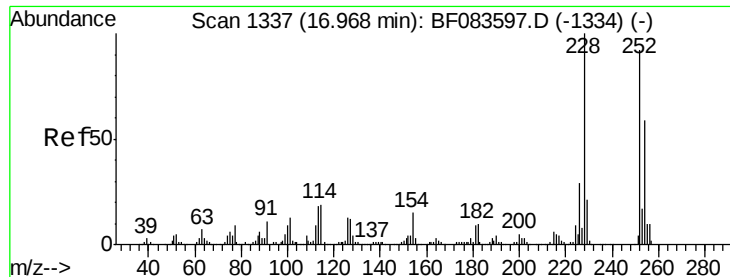
Mmdadoda
12/9/2015 6:13:18 PM



#80
Benzo(a)anthracene
Concen: 79.38 ng
RT: 16.99 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF083600.D
Acq: 8 Dec 2015 17:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.3	33.5
229	20.3	15.7	23.5





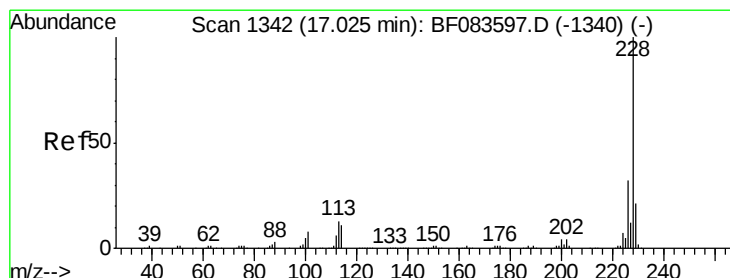
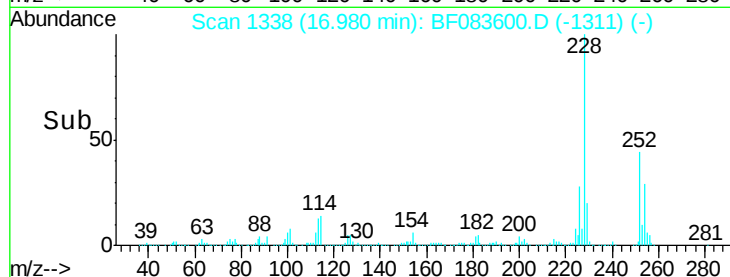
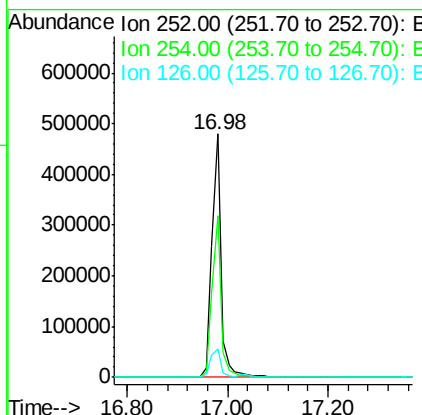
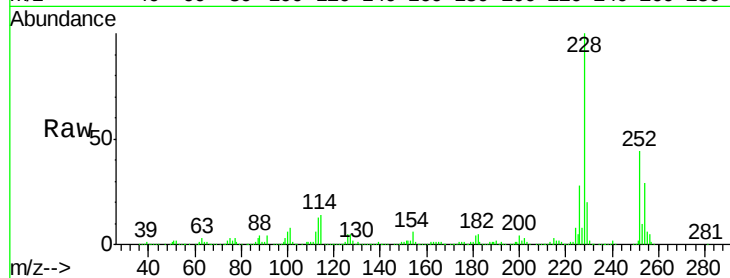
#81
 3,3'-Dichlorobenzidine
 Concen: 78.51 ng
 RT: 16.98 min Scan# 1338
 Delta R.T. 0.01 min
 Lab File: BF083600.D
 Acq: 8 Dec 2015 17:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.2	50.6	76.0
126	11.9	11.0	16.4

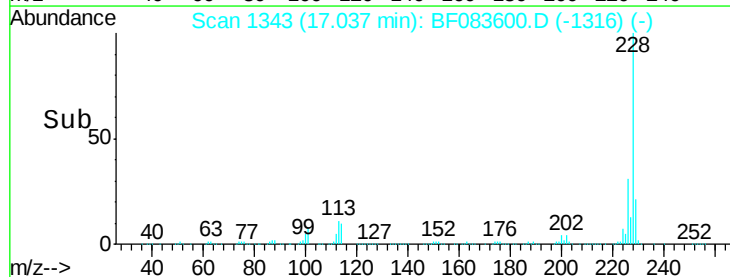
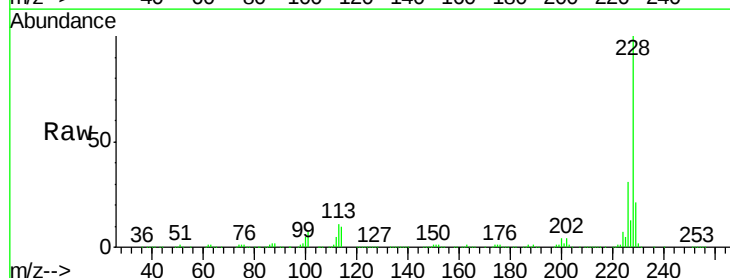
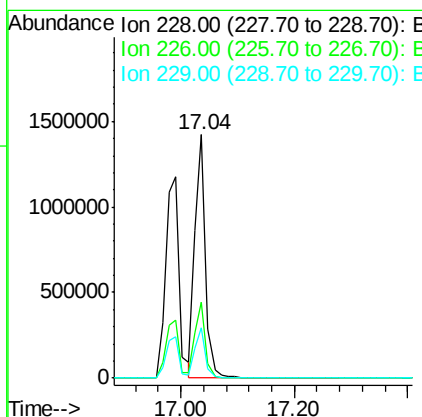
Manual Integrations
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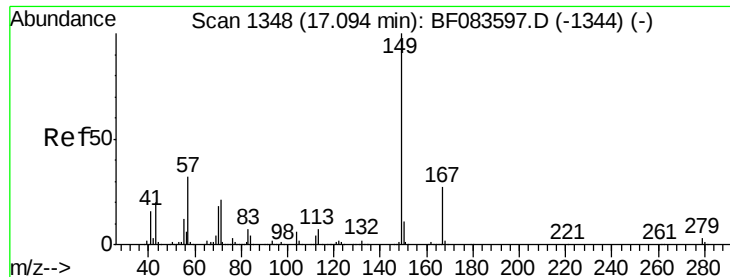
Mmdadoda
 12/9/2015 6:13:18 PM



#82
 Chrysene
 Concen: 75.84 ng
 RT: 17.04 min Scan# 1343
 Delta R.T. 0.01 min
 Lab File: BF083600.D
 Acq: 8 Dec 2015 17:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.7	37.1
229	20.7	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 92.39 ng

RT: 17.09 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BF083600.D

Acq: 8 Dec 2015 17:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tgt Ion:149 Resp: 1515072

Ion Ratio Lower Upper

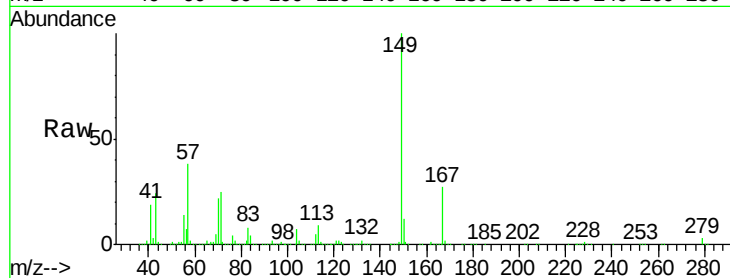
149 100

167 26.9 21.8 32.8

279 2.7 3.0 4.4#

Manual Integrations
APPROVED

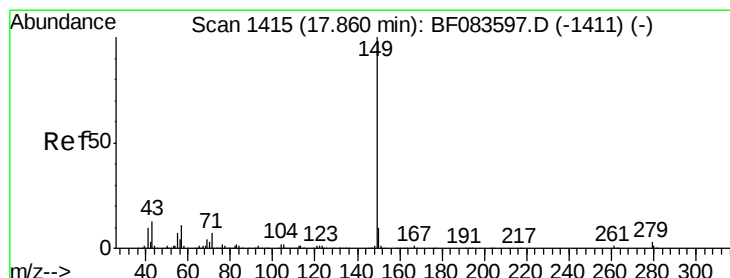
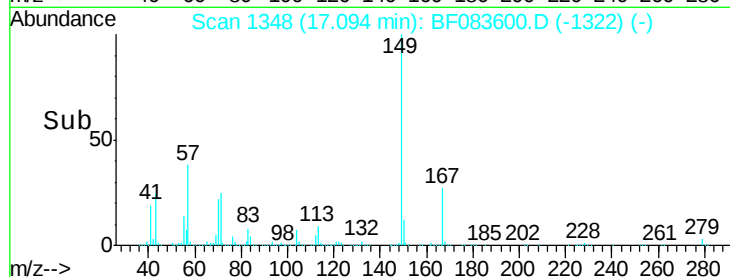
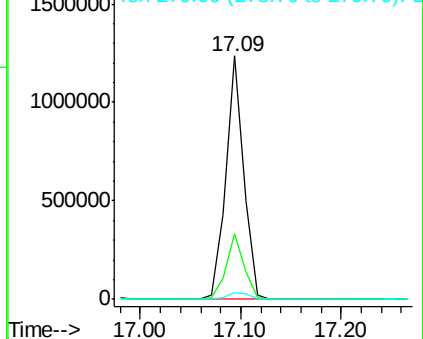
Mmdadoda
12/9/2015 6:13:18 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 98.03 ng

RT: 17.86 min Scan# 1415

Delta R.T. 0.00 min

Lab File: BF083600.D

Acq: 8 Dec 2015 17:19

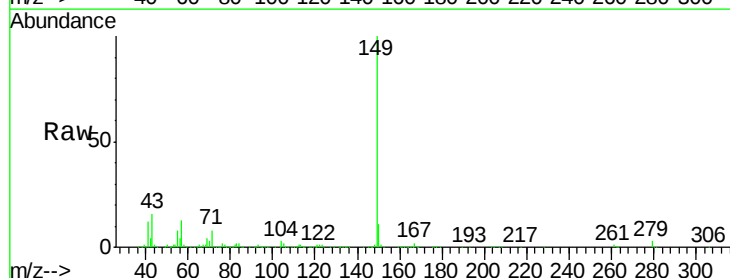
Tgt Ion:149 Resp: 2317265

Ion Ratio Lower Upper

149 100

167 1.6 0.0 0.0#

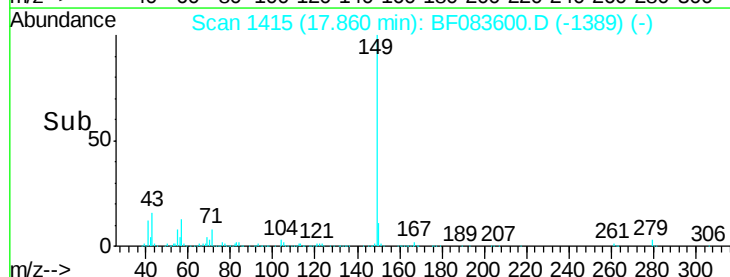
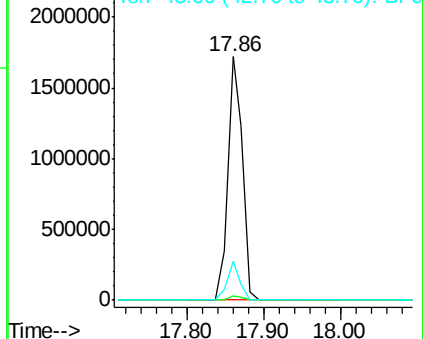
43 13.9 0.0 0.0#

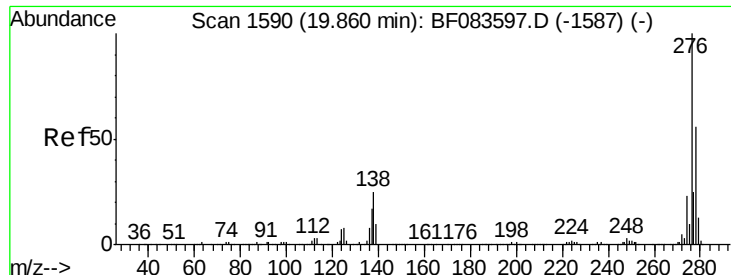


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





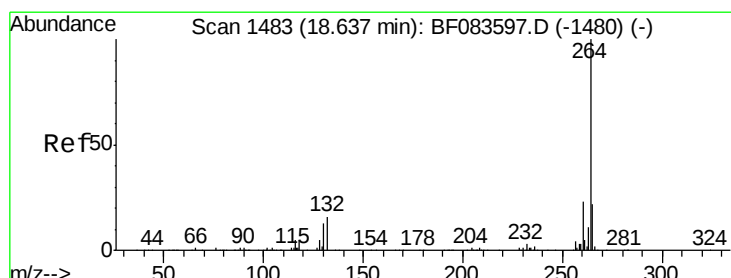
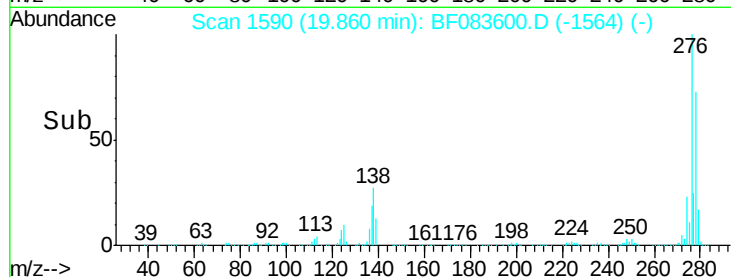
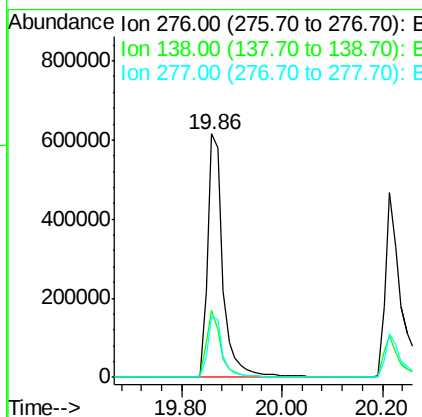
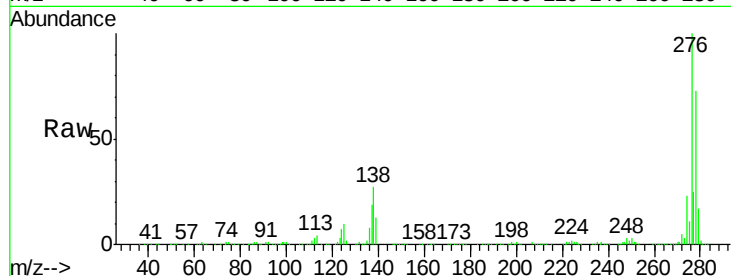
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 65.04 ng
 RT: 19.86 min Scan# 1590
 Delta R.T. 0.00 min
 Lab File: BF083600.D
 Acq: 8 Dec 2015 17:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.3	0.0	0.0#
277	24.8	0.0	0.0#

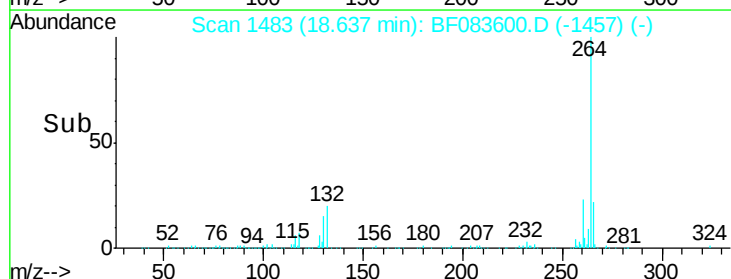
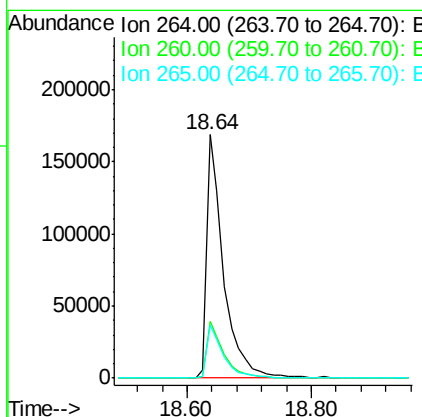
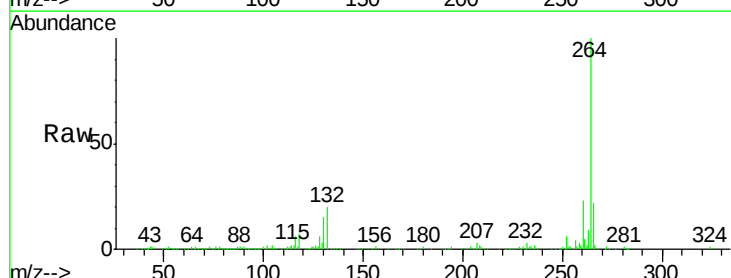
Manual Integrations
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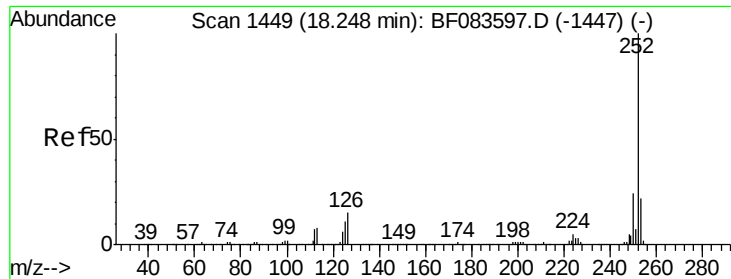
Mmdadoda
 12/9/2015 6:13:18 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BF083600.D
 Acq: 8 Dec 2015 17:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.0
265	21.9	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 92.85 ng m

RT: 18.25 min Scan# 1449

Delta R.T. 0.00 min

Lab File: BF083600.D

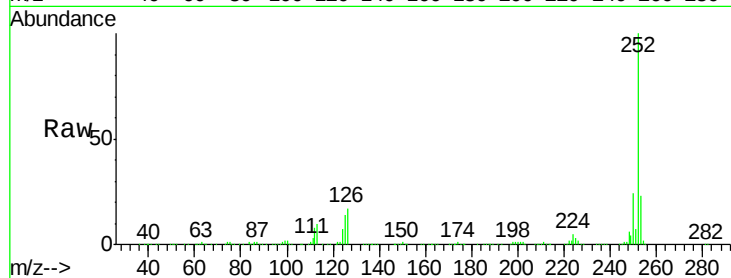
Acq: 8 Dec 2015 17:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:252 Resp: 1633215

Ion Ratio Lower Upper

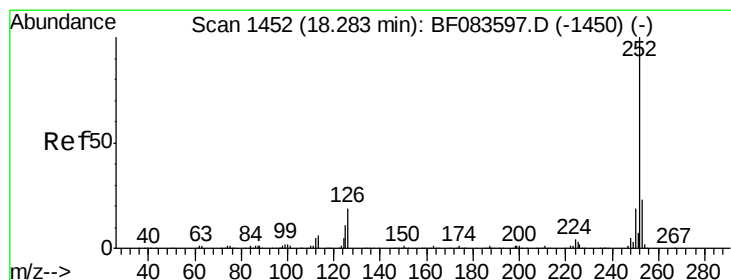
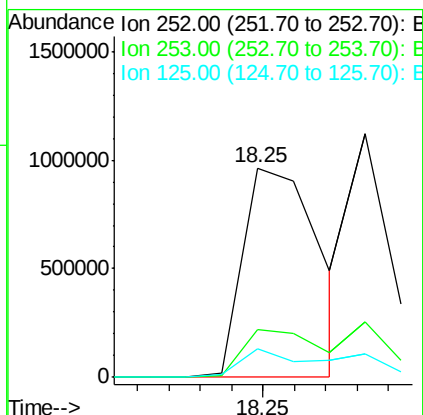
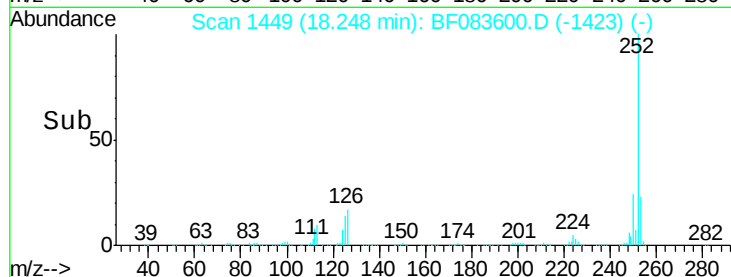
252 100

253 22.8 18.2 27.4

125 13.6 8.2 12.4#

Manual Integrations
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Mmdadoda
12/9/2015 6:13:18 PM



#88

Benzo(k)fluoranthene

Concen: 66.03 ng m

RT: 18.28 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BF083600.D

Acq: 8 Dec 2015 17:19

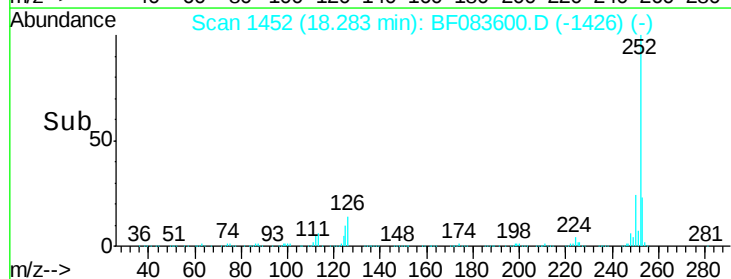
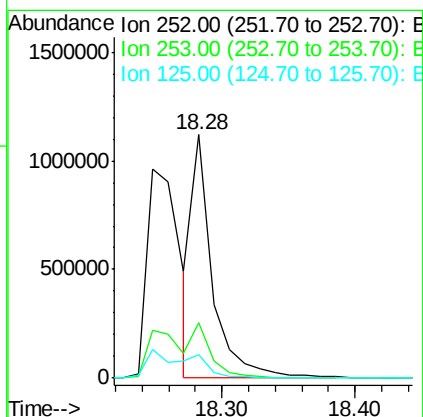
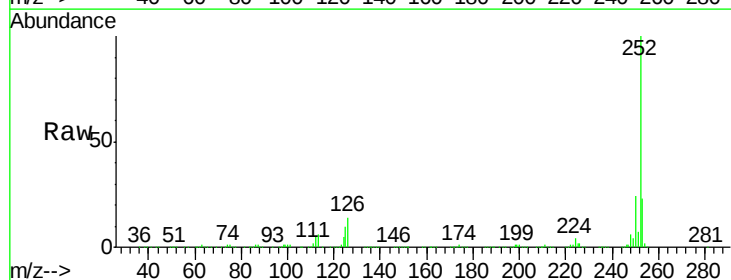
Tgt Ion:252 Resp: 1208612

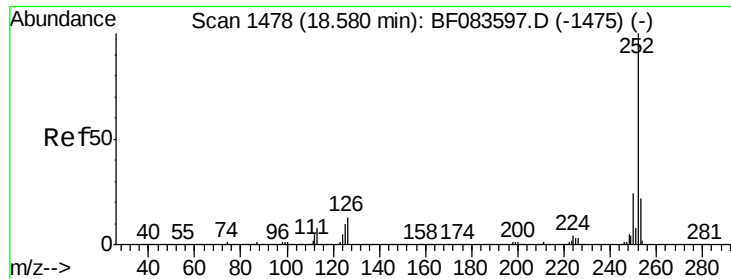
Ion Ratio Lower Upper

252 100

253 23.0 18.6 27.8

125 9.7 11.5 17.3#





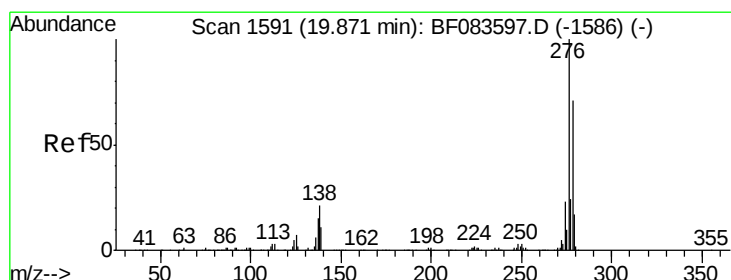
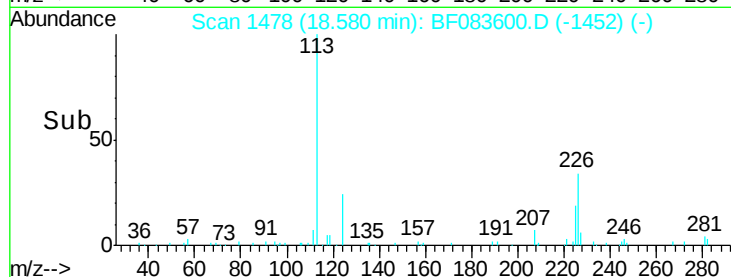
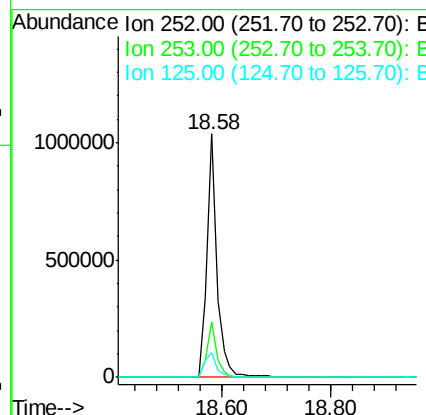
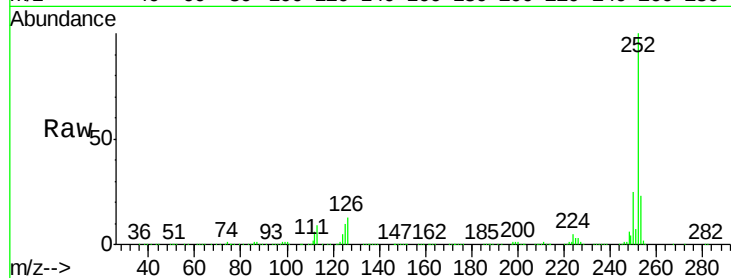
#89
Benzo(a)pyrene
Concen: 76.64 ng
RT: 18.58 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BF083600.D
Acq: 8 Dec 2015 17:19

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	10.4	11.0	16.6

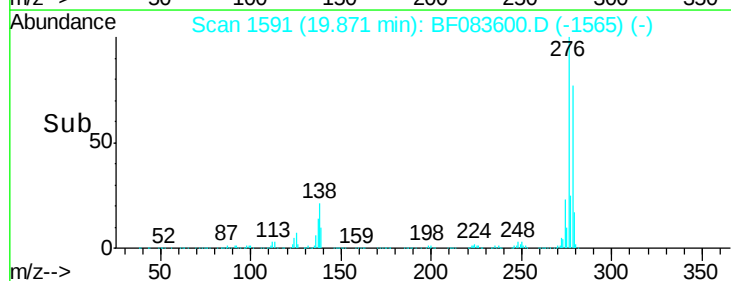
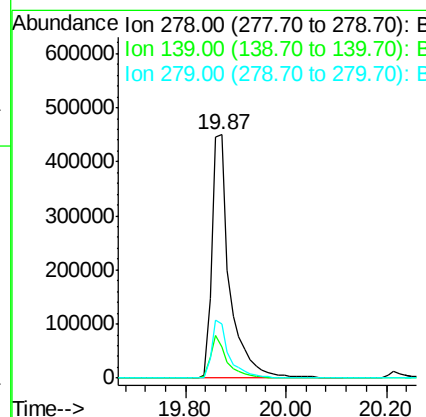
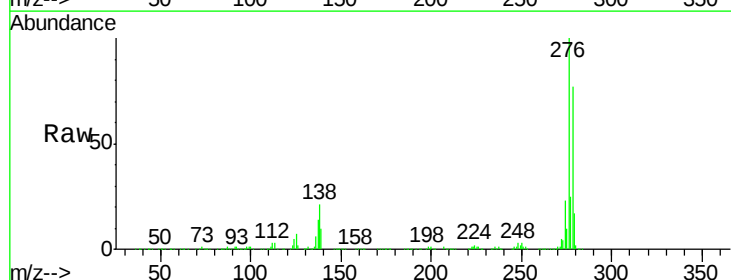
Manual Integrations
APPROVED

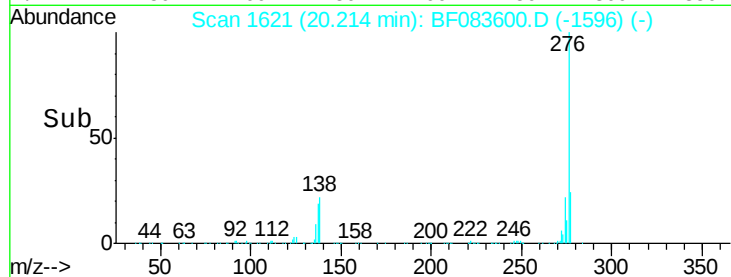
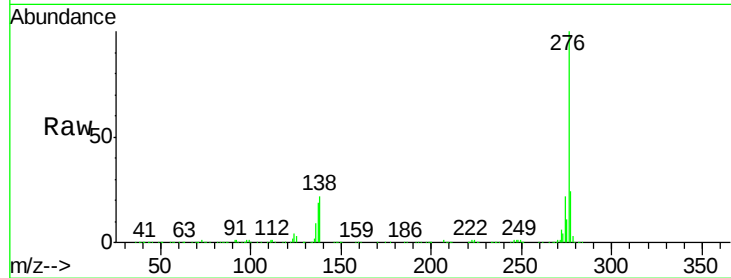
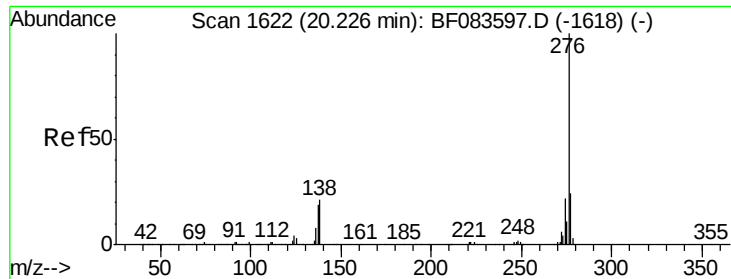
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#90
Dibenzo(a,h)anthracene
Concen: 69.75 ng
RT: 19.87 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BF083600.D
Acq: 8 Dec 2015 17:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.9	12.8	19.2
279	22.5	18.6	28.0





#91
 Benzo(g,h,i)perylene
 Concen: 69.56 ng
 RT: 20.21 min Scan# 1621
 Delta R.T. -0.01 min
 Lab File: BF083600.D
 Acq: 8 Dec 2015 17:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	22.1	19.5	29.3

Manual Integrations
 APPROVED

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