

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
 Data File : BF083598.D
 Acq On : 8 Dec 2015 16:19
 Operator : UM/IZ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Mmdadoda
 12/9/2015 6:13:15 PM

Quant Time: Dec 08 17:41:24 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	148883	20.00	ng	0.00
21) Naphthalene-d8	7.61	136	586025	20.00	ng	0.00
38) Acenaphthene-d10	10.38	164	283872	20.00	ng	0.00
63) Phenanthrene-d10	12.79	188	529767	20.00	ng	0.00
75) Chrysene-d12	16.99	240	433337	20.00	ng	0.00
86) Perylene-d12	18.64	264	325251	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	3.97	112	1040316	105.70	ng	0.00
7) Phenol-d6	5.28	99	1349250	99.74	ng	0.00
23) Nitrobenzene-d5	6.53	82	1293803	103.48	ng	0.00
41) 2,4,6-Tribromophenol	11.69	330	261904	100.24	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1984929	95.35	ng	0.00
78) Terphenyl-d14	15.41	244	1835783	95.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.81	88	236749	46.50	ng	95
3) Pyridine	2.26	79	672269	55.66	ng	95
4) n-Nitrosodimethylamine	2.22	42	332650	53.77	ng	94
6) Aniline	5.25	93	869906	49.72	ng	89
8) 2-Chlorophenol	5.42	128	550523	50.47	ng	96
9) Benzaldehyde	5.10	77	338972	44.22	ng	98
10) Phenol	5.29	94	832067	52.01	ng	90
11) bis(2-Chloroethyl)ether	5.37	93	619464	52.74	ng	96
12) 1,3-Dichlorobenzene	5.61	146	612623	50.54	ng	# 95
13) 1,4-Dichlorobenzene	5.72	146	631667	51.03	ng	99
14) 1,2-Dichlorobenzene	5.94	146	588115	51.52	ng	99
15) Benzyl Alcohol	5.95	79	508886	54.06	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.12	45	1106681	50.68	ng	# 61
17) 2-Methylphenol	6.14	107	453609	50.22	ng	93
18) Hexachloroethane	6.42	117	225138	51.89	ng	99
19) n-Nitroso-di-n-propylamine	6.34	70	469639	51.92	ng	92
20) 3+4-Methylphenols	6.38	107	585244	50.29	ng	97
22) Acetophenone	6.33	105	859625	51.01	ng	# 99
24) Nitrobenzene	6.57	77	710292	51.40	ng	94
25) Isophorone	6.94	82	1247279	51.77	ng	100
26) 2-Nitrophenol	7.05	139	293709	53.80	ng	90
27) 2,4-Dimethylphenol	7.17	122	499853	52.02	ng	99
28) bis(2-Chloroethoxy)methane	7.29	93	690375	51.48	ng	99
29) 2,4-Dichlorophenol	7.45	162	461905	53.15	ng	98
30) 1,2,4-Trichlorobenzene	7.53	180	492098	51.23	ng	98
31) Naphthalene	7.63	128	1569893	50.51	ng	99
32) Benzoic acid	7.50	122	311807	60.34	ng	92
33) 4-Chloroaniline	7.77	127	594128	49.17	ng	96
34) Hexachlorobutadiene	7.85	225	289349	50.98	ng	97
35) Caprolactam	8.41	113	143117	51.80	ng	98
36) 4-Chloro-3-methylphenol	8.61	107	513040	52.44	ng	98
37) 2-Methylnaphthalene	8.74	142	971404	50.34	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	478066	51.14	ng	# 100
40) Hexachlorocyclopentadiene	8.99	237	77832	31.07	ng	94

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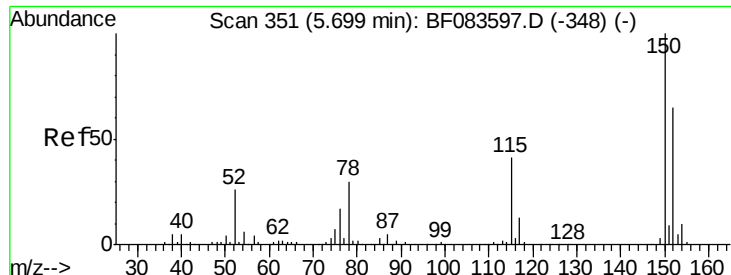
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	289424	49.67	ng	100
43) 2,4,5-Trichlorophenol	9.31	196	291663	48.68	ng #	91
45) 1,1'-Biphenyl	9.49	154	1240372	49.33	ng	99
46) 2-Chloronaphthalene	9.50	162	936982	49.36	ng	93
47) 2-Nitroaniline	9.72	65	349582	51.63	ng	97
48) Acenaphthylene	10.17	152	1561938	50.28	ng	99
49) Dimethylphthalate	10.05	163	1153119	51.44	ng	98
50) 2,6-Dinitrotoluene	10.13	165	240524	51.11	ng	96
51) Acenaphthene	10.44	154	891991	49.77	ng	99
52) 3-Nitroaniline	10.41	138	266370	52.27	ng	85
53) 2,4-Dinitrophenol	10.61	184	113729	55.91	ng	92
54) Dibenzofuran	10.73	168	1216050	48.91	ng	96
55) 4-Nitrophenol	10.82	139	111271	40.41	ng	86
56) 2,4-Dinitrotoluene	10.80	165	331077	53.41	ng #	83
57) Fluorene	11.28	166	1069090	49.63	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.97	232	229380	50.86	ng #	100
59) Diethylphthalate	11.19	149	1122302	52.11	ng	99
60) 4-Chlorophenyl-phenylether	11.31	204	519866	50.16	ng	92
61) 4-Nitroaniline	11.41	138	239507	52.00	ng	93
62) Azobenzene	11.56	77	1260918	54.12	ng	96
64) 4,6-Dinitro-2-methylphenol	11.46	198	187315	55.47	ng	99
65) n-Nitrosodiphenylamine	11.52	169	878855	50.17	ng	99
66) 4-Bromophenyl-phenylether	12.09	248	305049	52.55	ng	94
67) Hexachlorobenzene	12.17	284	318737	51.40	ng	95
68) Atrazine	12.44	200	263392	49.64	ng	98
69) Pentachlorophenol	12.53	266	83488	35.97	ng	99
70) Phenanthrene	12.82	178	1518612	49.45	ng	99
71) Anthracene	12.91	178	1592902	50.75	ng	99
72) Carbazole	13.21	167	1392569	51.69	ng	98
73) Di-n-butylphthalate	13.84	149	1738383	53.18	ng	100
74) Fluoranthene	14.75	202	1563469	51.15	ng	99
76) Benzidine	15.03	184	694429	45.27	ng	99
77) Pyrene	15.11	202	1576584	49.03	ng	98
79) Butylbenzylphthalate	16.24	149	742217	57.84	ng	88
80) Benzo(a)anthracene	16.98	228	1253849	49.63	ng	98
81) 3,3'-Dichlorobenzidine	16.97	252	433829	53.19	ng	99
82) Chrysene	17.03	228	1263900	50.05	ng	99
83) Bis(2-ethylhexyl)phthalate	17.09	149	1009221	59.09	ng	99
84) Di-n-octyl phthalate	17.86	149	1530215	62.15	ng #	100
85) Indeno(1,2,3-cd)pyrene	19.86	276	832410	39.89	ng #	100
87) Benzo(b)fluoranthene	18.25	252	909232m	49.83	ng	
88) Benzo(k)fluoranthene	18.28	252	1071196m	56.42	ng	
89) Benzo(a)pyrene	18.58	252	882860	49.82	ng #	95
90) Dibenzo(a,h)anthracene	19.86	278	709759	43.18	ng	97
91) Benzo(g,h,i)perylene	20.21	276	682792	41.33	ng	99

(#) = 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

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BNA_F

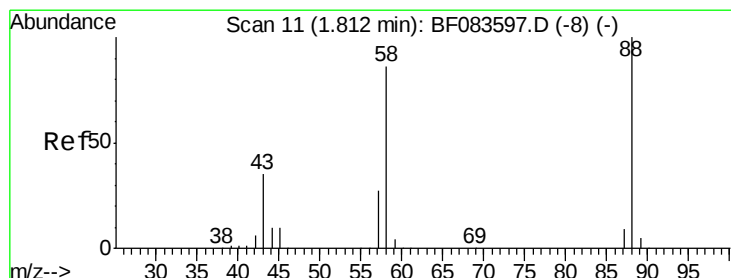
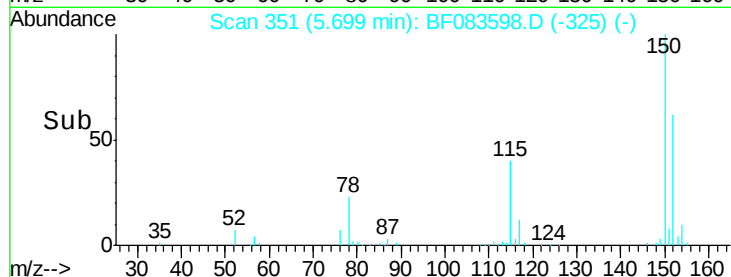
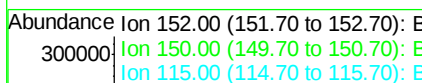
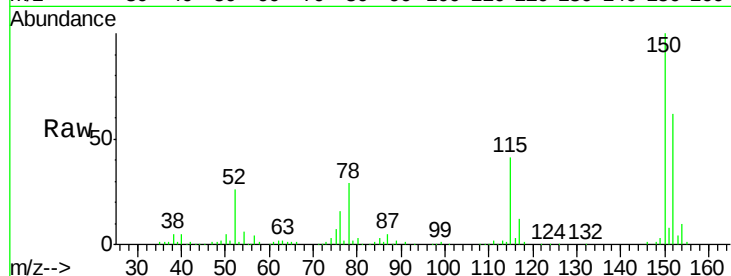
ClientSampleId :

SSTDIC050

Tgt Ion:	152	Resp:	148883
Ion Ratio	Lower	Upper	
152	100		
150	160.5	126.5	189.7
115	65.3	52.3	78.5

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#2

1,4-Dioxane

Concen: 46.50 ng

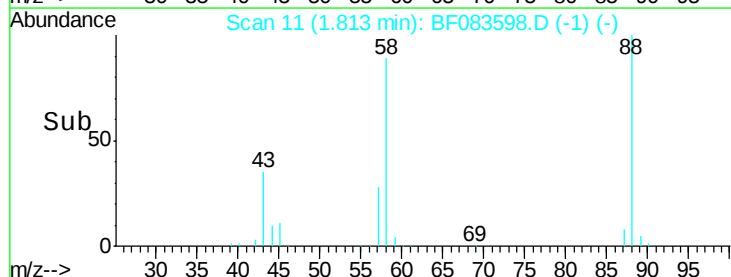
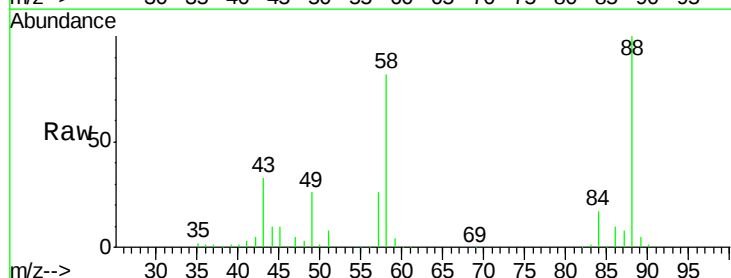
RT: 1.81 min Scan# 11

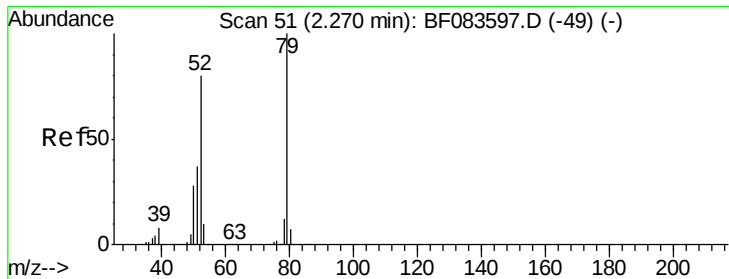
Delta R.T. 0.00 min

Lab File: BF083598.D

Acq: 8 Dec 2015 16:19

Tgt Ion:	88	Resp:	236749
Ion Ratio	Lower	Upper	
88	100		
58	80.5	68.0	102.0
43	32.5	27.9	41.9





#3

Pyridine

Concen: 55.66 ng

RT: 2.26 min Scan# 50

Delta R.T. -0.01 min

Lab File: BF083598.D

Acq: 8 Dec 2015 16:19

Instrument :

BNA_F

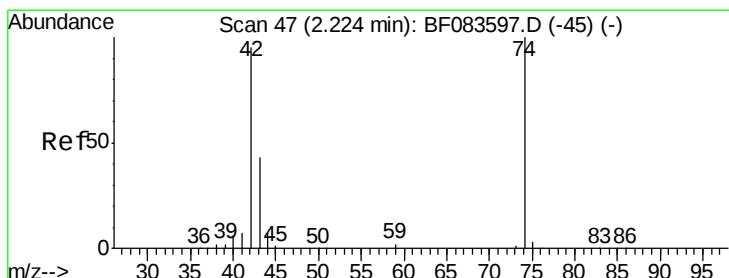
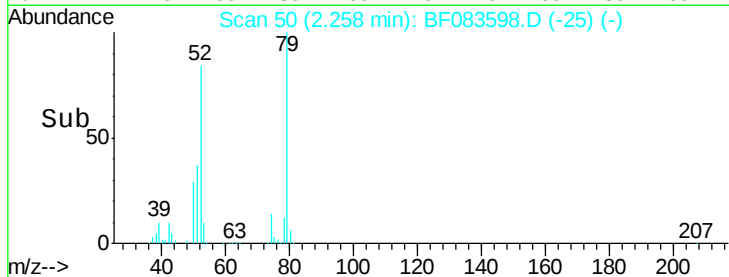
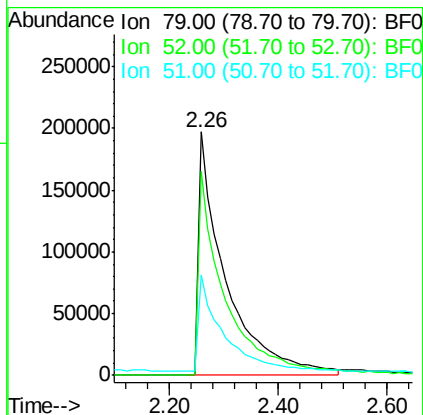
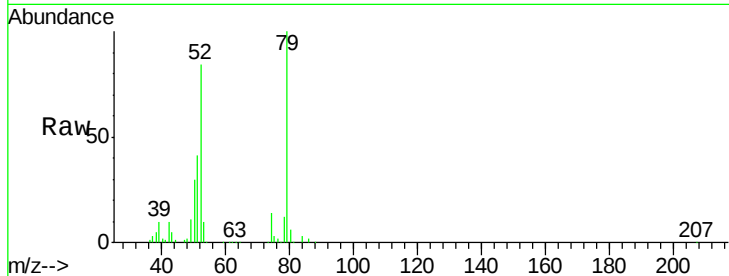
ClientSampleId :

SSTDIC050

Tgt Ion:	79	Resp:	672269
Ion Ratio	Lower	Upper	
79	100		
52	83.8	63.7	95.5
51	40.9	30.6	45.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 53.77 ng

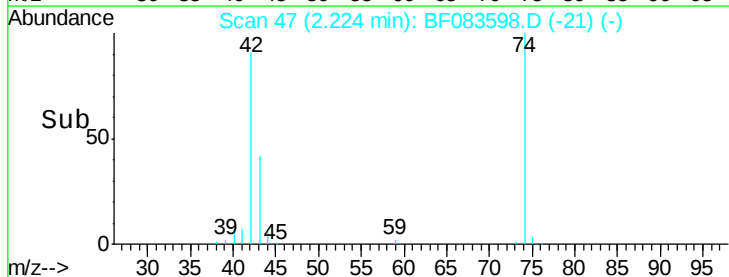
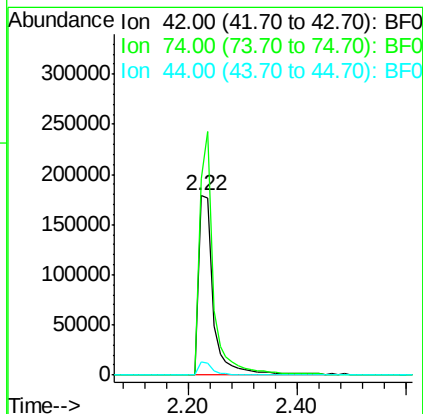
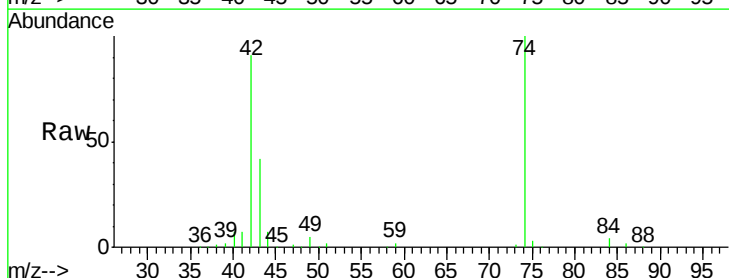
RT: 2.22 min Scan# 47

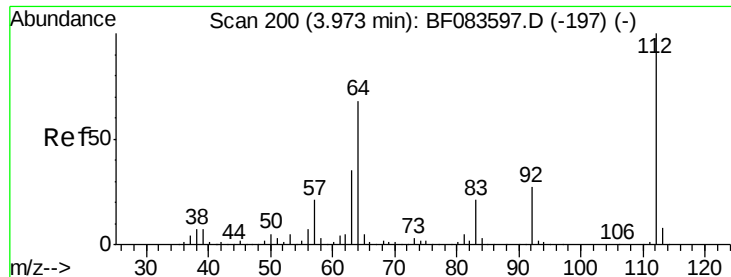
Delta R.T. 0.00 min

Lab File: BF083598.D

Acq: 8 Dec 2015 16:19

Tgt Ion:	42	Resp:	332650
Ion Ratio	Lower	Upper	
42	100		
74	109.7	92.9	139.3
44	7.2	5.7	8.5





#5

2-Fluorophenol

Concen: 105.70 ng

RT: 3.97 min Scan# 200

Delta R.T. 0.00 min

Lab File: BF083598.D

Acq: 8 Dec 2015 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion: 112 Resp: 1040316

Ion Ratio Lower Upper

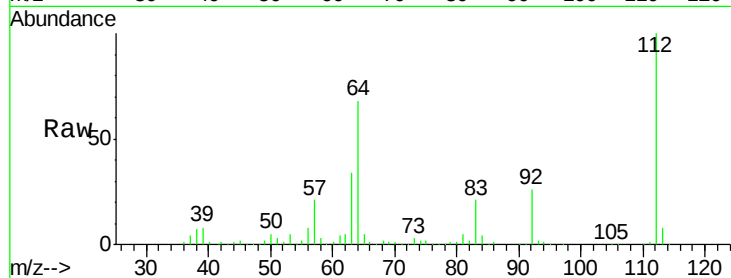
112 100

64 68.2 50.5 75.7

63 33.9 25.8 38.6

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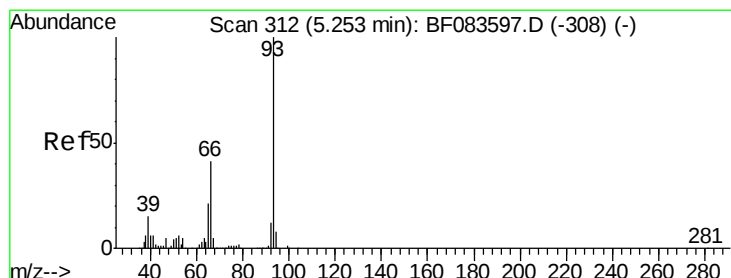
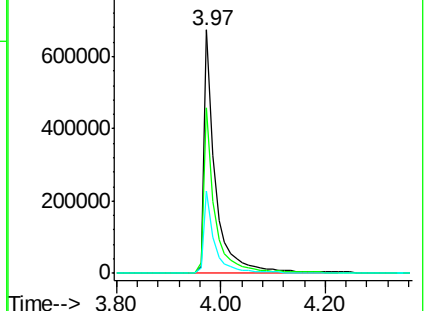
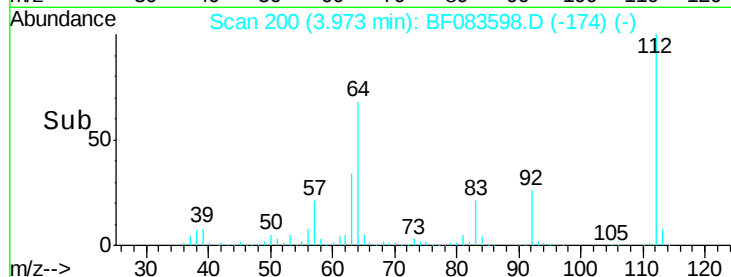
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 49.72 ng

RT: 5.25 min Scan# 312

Delta R.T. 0.00 min

Lab File: BF083598.D

Acq: 8 Dec 2015 16:19

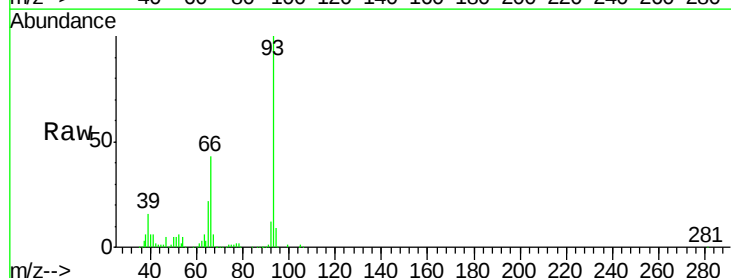
Tgt Ion: 93 Resp: 869906

Ion Ratio Lower Upper

93 100

66 42.9 41.3 61.9

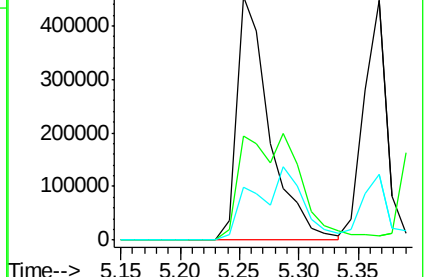
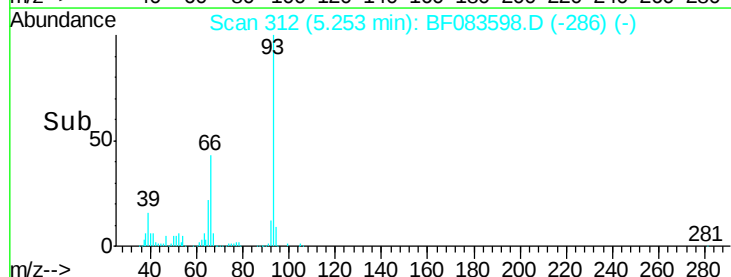
65 21.8 20.8 31.2

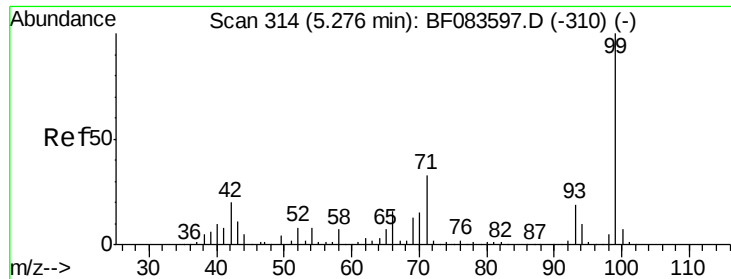


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 99.74 ng

RT: 5.28 min Scan# 314

Delta R.T. 0.00 min

Lab File: BF083598.D

Acq: 8 Dec 2015 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion: 99 Resp: 1349250

Ion Ratio Lower Upper

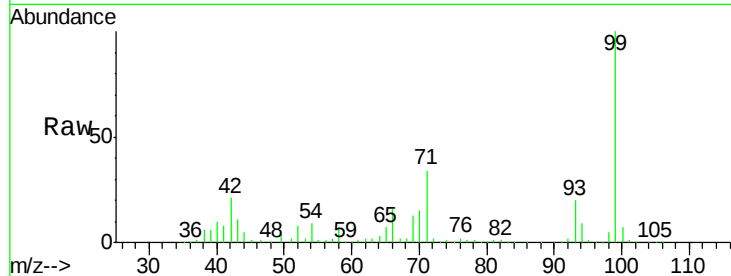
99 100

42 21.2 17.3 25.9

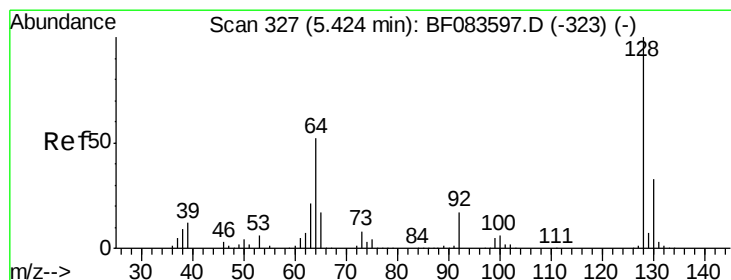
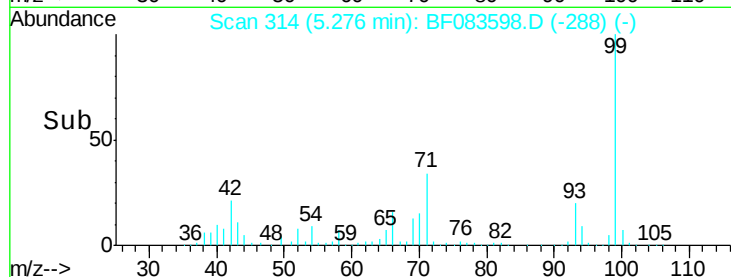
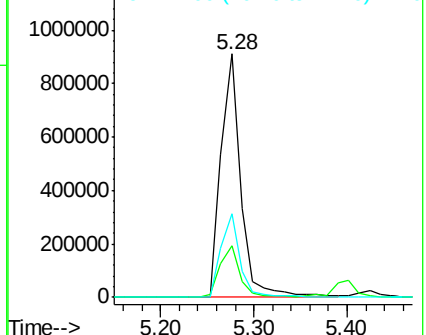
71 34.1 26.6 40.0

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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: 50.47 ng

RT: 5.42 min Scan# 327

Delta R.T. 0.00 min

Lab File: BF083598.D

Acq: 8 Dec 2015 16:19

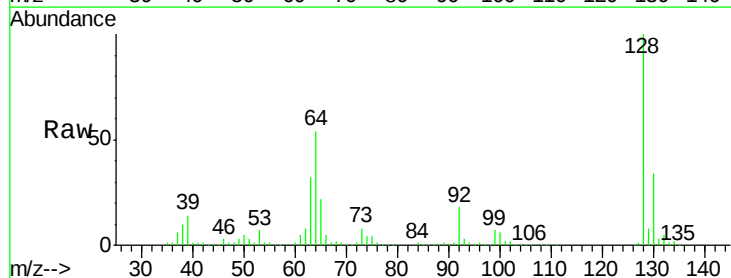
Tgt Ion: 128 Resp: 550523

Ion Ratio Lower Upper

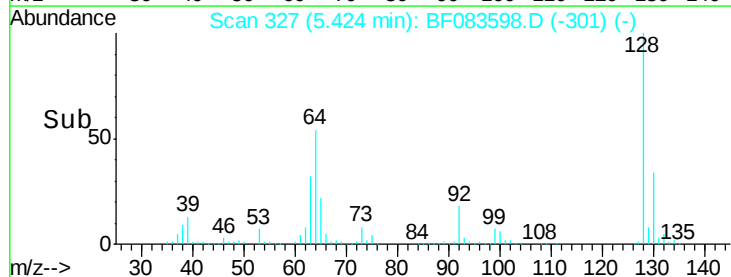
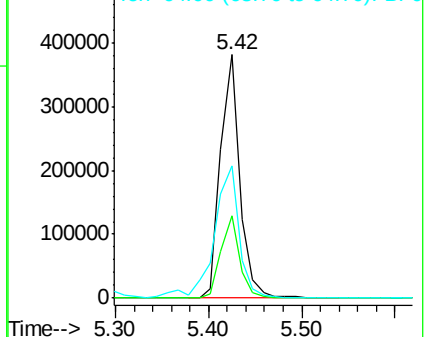
128 100

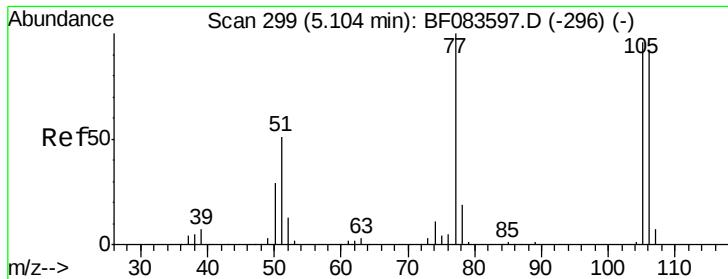
130 33.8 12.6 52.6

64 54.5 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: 44.22 ng

RT: 5.10 min Scan# 299

Delta R.T. 0.00 min

Lab File: BF083598.D

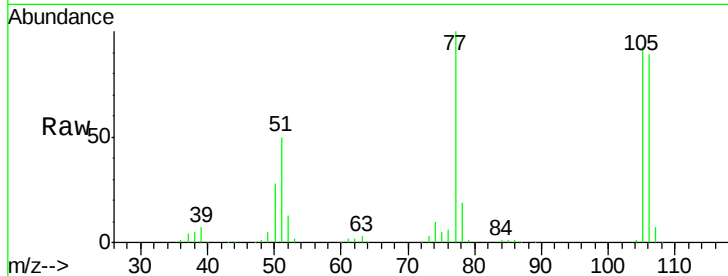
Acq: 8 Dec 2015 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC050



Tgt Ion: 77 Resp: 338972

Ion Ratio Lower Upper

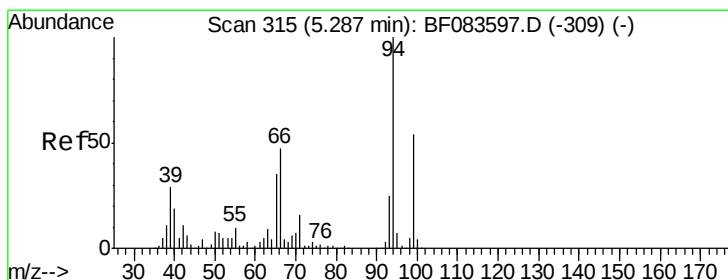
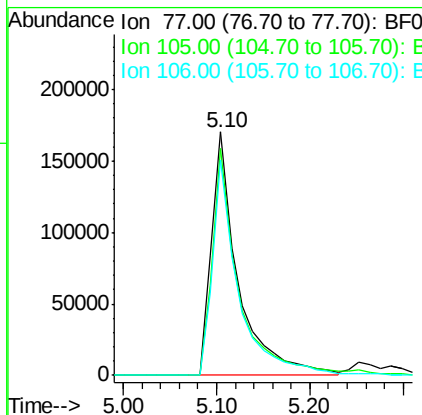
77 100

105 93.1 71.8 111.8

106 88.6 66.8 106.8

Manual Integrations
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#10

Phenol

Concen: 52.01 ng

RT: 5.29 min Scan# 315

Delta R.T. 0.00 min

Lab File: BF083598.D

Acq: 8 Dec 2015 16:19

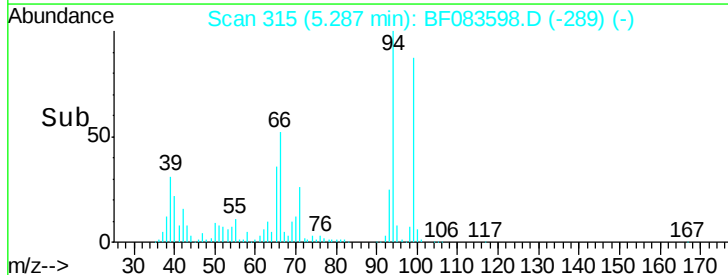
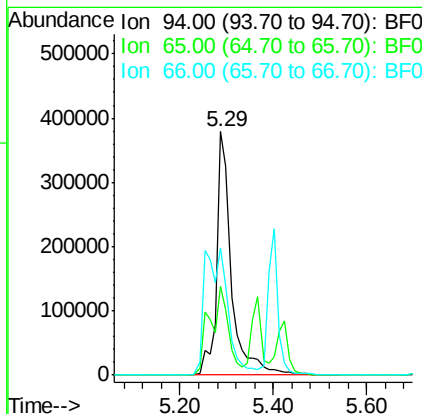
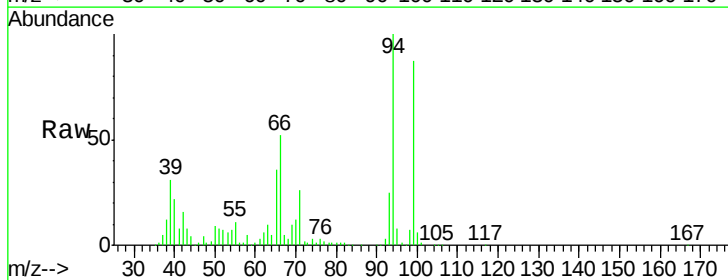
Tgt Ion: 94 Resp: 832067

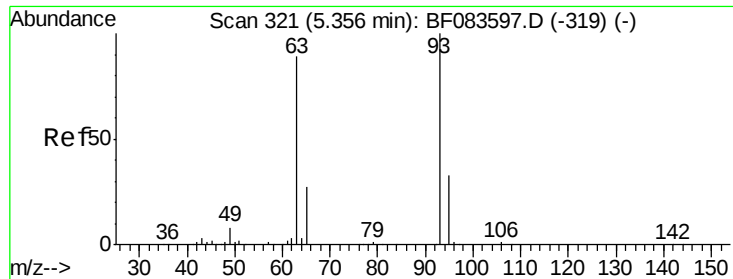
Ion Ratio Lower Upper

94 100

65 36.3 20.9 60.9

66 52.3 41.6 81.6





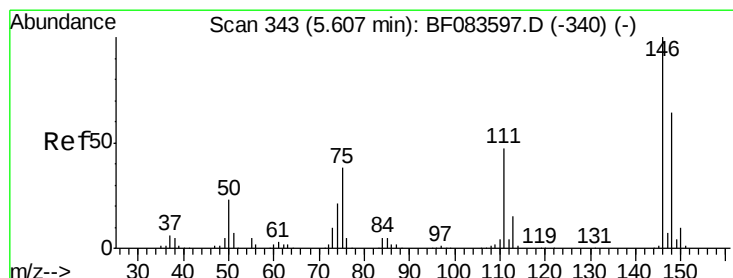
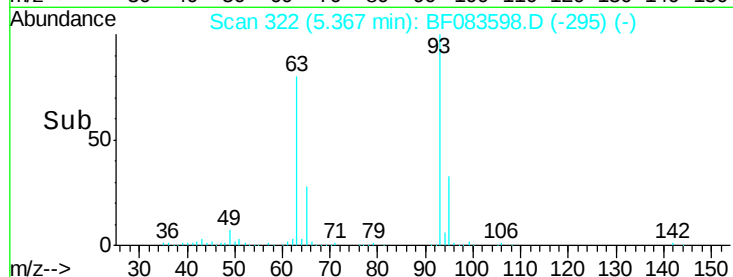
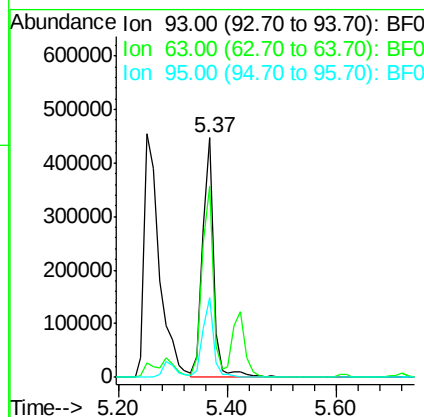
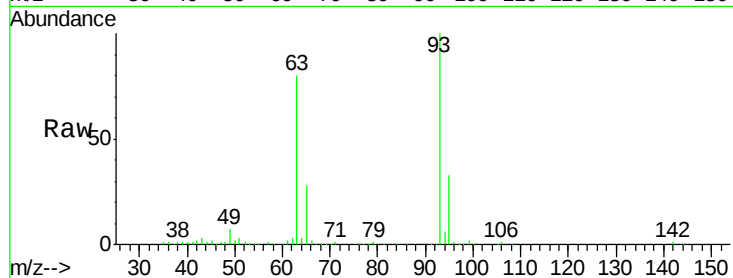
#11
bis(2-Chloroethyl)ether
Concen: 52.74 ng
RT: 5.37 min Scan# 322
Delta R.T. 0.01 min
Lab File: BF083598.D
Acq: 8 Dec 2015 16:19

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Lower	Upper
93	100		
63	80.1	64.7	104.7
95	33.1	12.7	52.7

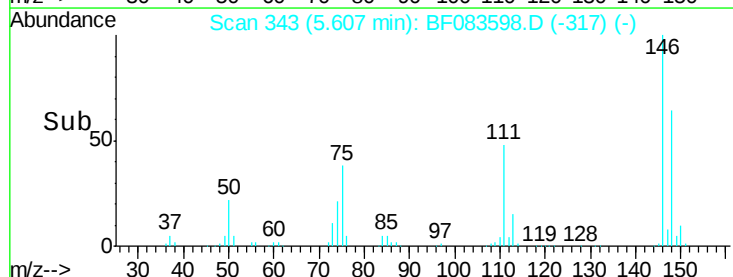
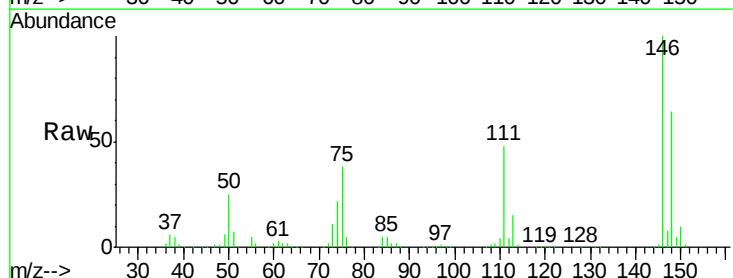
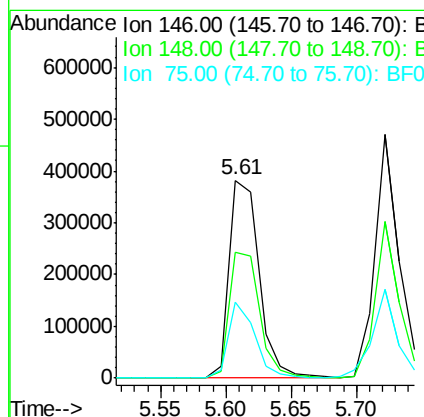
Manual Integrations
APPROVED

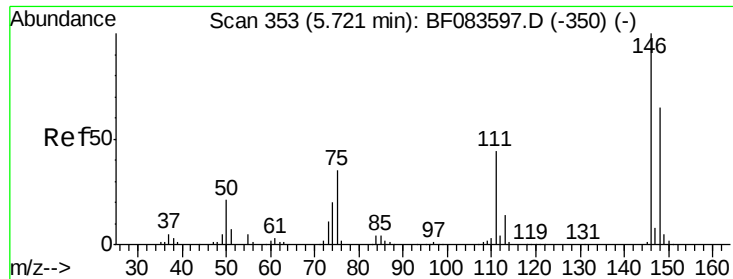
Mmdadoda
12/9/2015 6:13:15 PM



#12
1,3-Dichlorobenzene
Concen: 50.54 ng
RT: 5.61 min Scan# 343
Delta R.T. 0.00 min
Lab File: BF083598.D
Acq: 8 Dec 2015 16:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.3	76.9
75	38.5	24.1	36.1





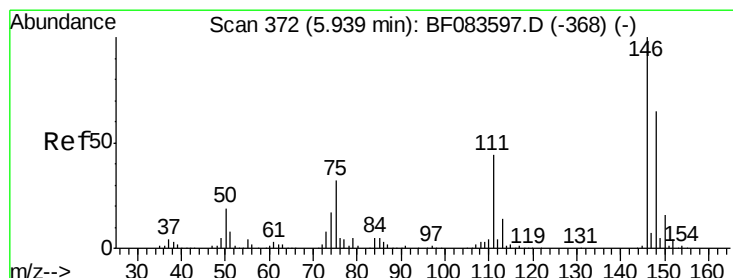
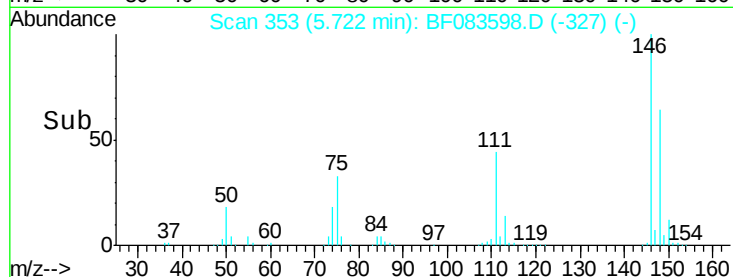
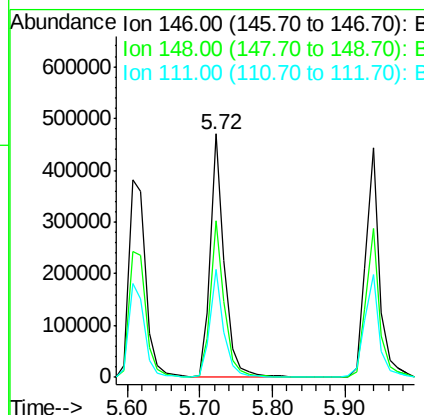
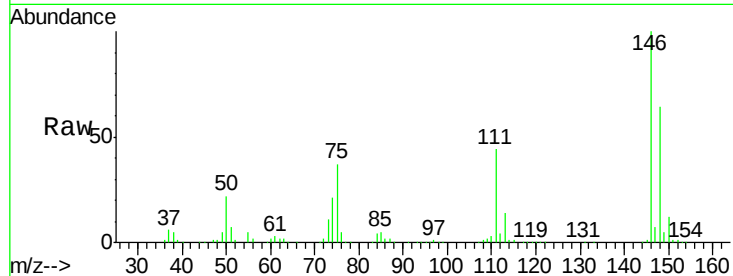
#13
 1,4-Dichlorobenzene
 Concen: 51.03 ng
 RT: 5.72 min Scan# 353
 Delta R.T. 0.00 min
 Lab File: BF083598.D
 Acq: 8 Dec 2015 16:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.6	76.0
111	44.4	36.1	54.1

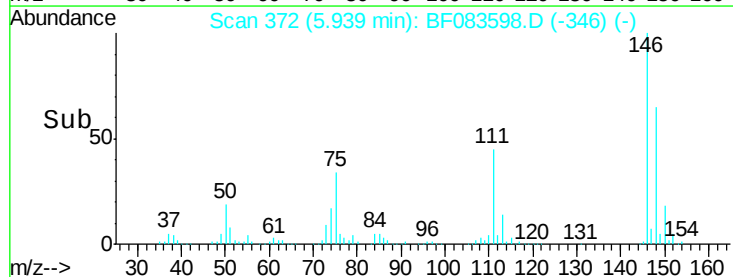
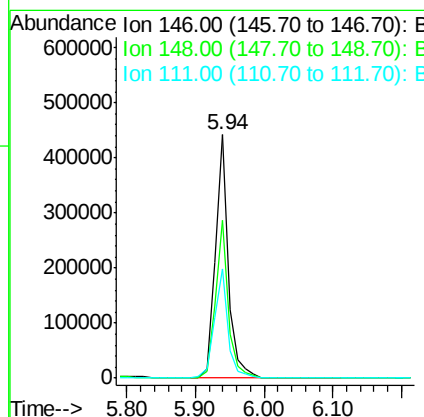
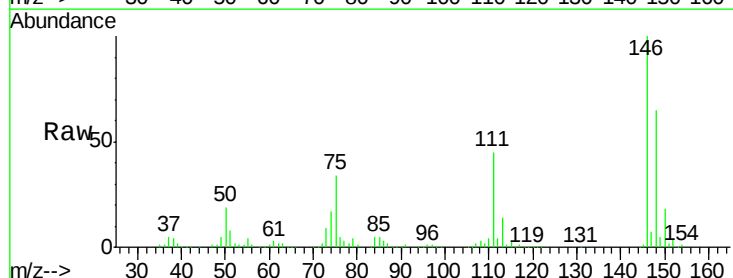
Manual Integrations
 APPROVED

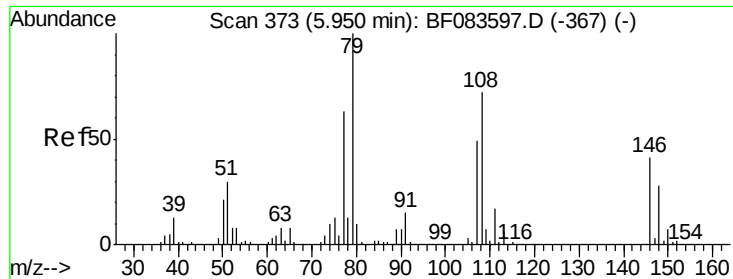
Mmdadoda
 12/9/2015 6:13:15 PM



#14
 1,2-Dichlorobenzene
 Concen: 51.52 ng
 RT: 5.94 min Scan# 372
 Delta R.T. 0.00 min
 Lab File: BF083598.D
 Acq: 8 Dec 2015 16:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.4	77.0
111	45.0	36.7	55.1





#15

Benzyl Alcohol

Concen: 54.06 ng

RT: 5.95 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF083598.D

Acq: 8 Dec 2015 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion: 79 Resp: 508886
Ion Ratio Lower Upper

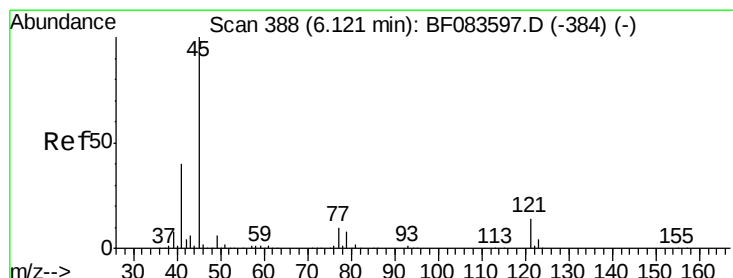
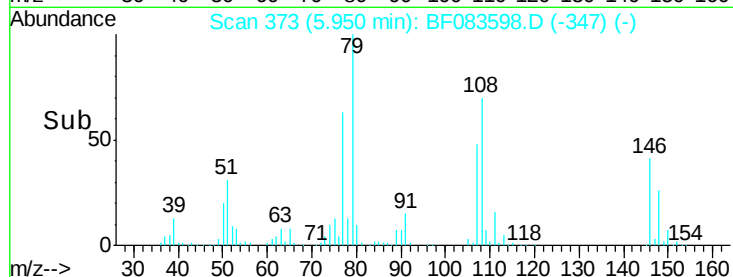
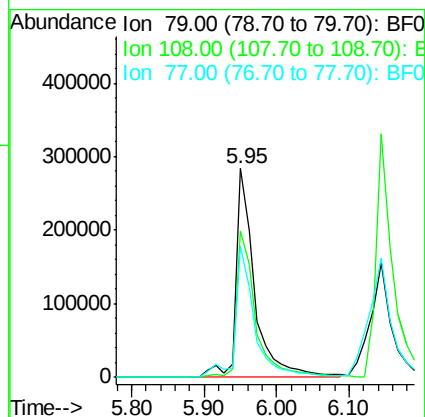
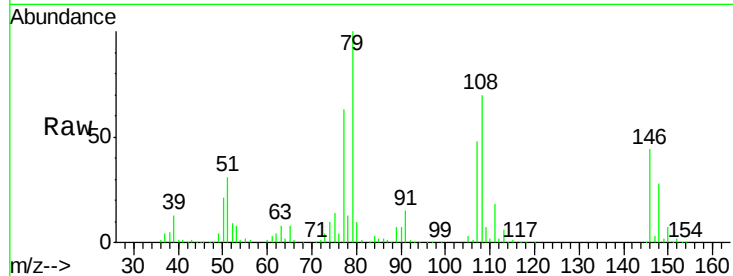
79 100

108 70.2 59.6 89.4

77 62.7 49.8 74.6

Manual Integrations
APPROVED

Mmdadoda
12/9/2015 6:13:15 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 50.68 ng

RT: 6.12 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF083598.D

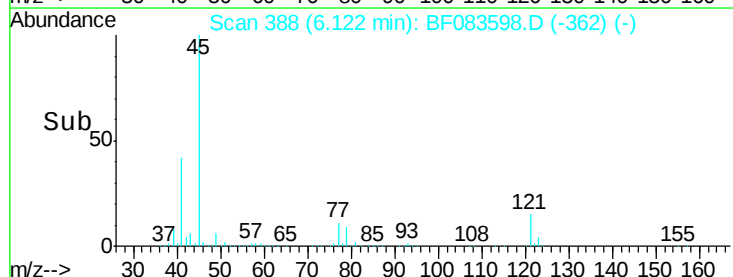
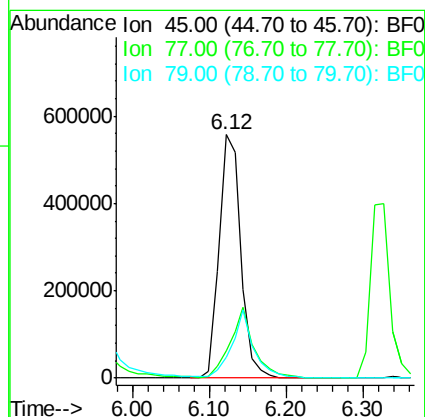
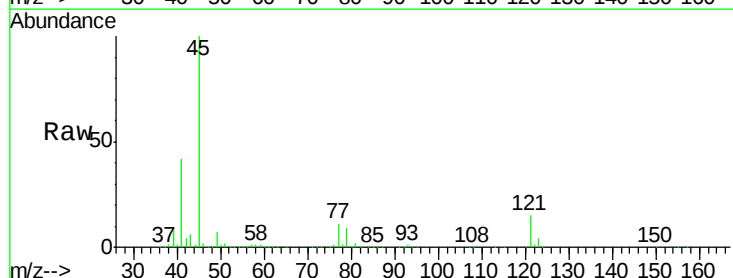
Acq: 8 Dec 2015 16:19

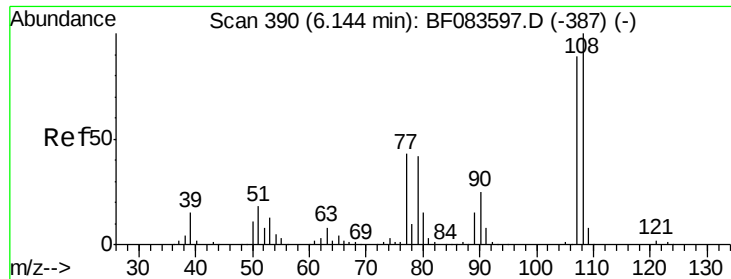
Tgt Ion: 45 Resp: 1106681
Ion Ratio Lower Upper

45 100

77 11.1 12.8 52.8#

79 8.8 10.7 50.7#





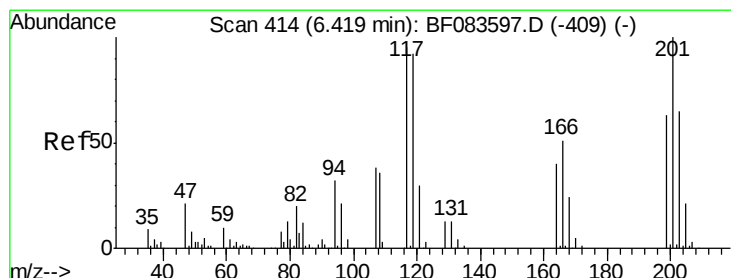
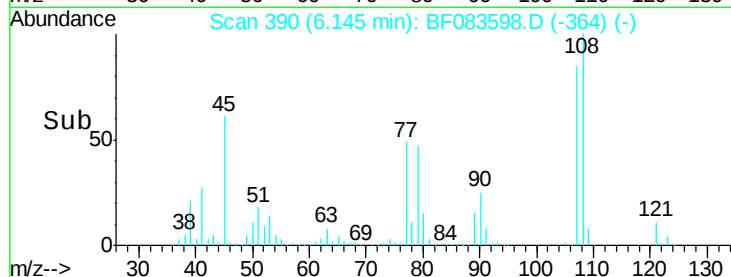
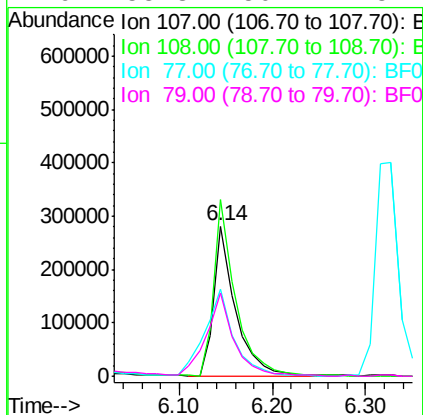
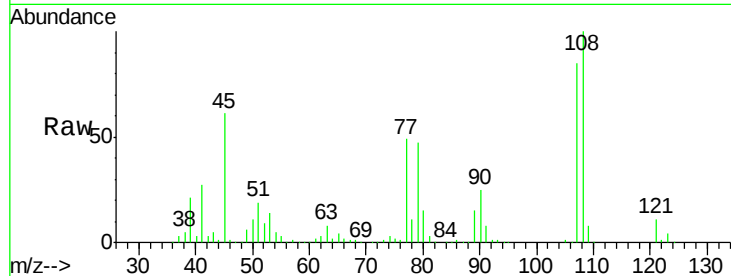
#17
2-Methylphenol
Concen: 50.22 ng
RT: 6.14 min Scan# 390
Delta R.T. 0.00 min
Lab File: BF083598.D
Acq: 8 Dec 2015 16:19

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion:	107	Resp:	453609
Ion Ratio	Lower	Upper	
107	100		
108	117.6	91.6	137.4
77	57.9	53.7	80.5
79	55.3	50.2	75.4

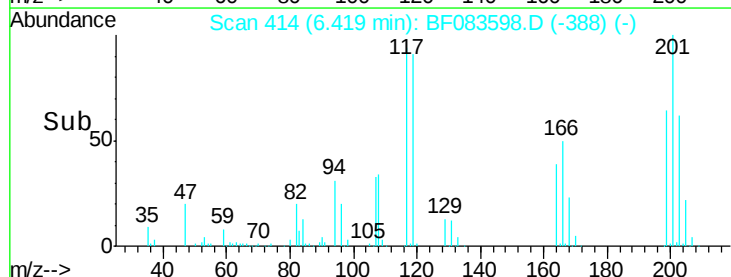
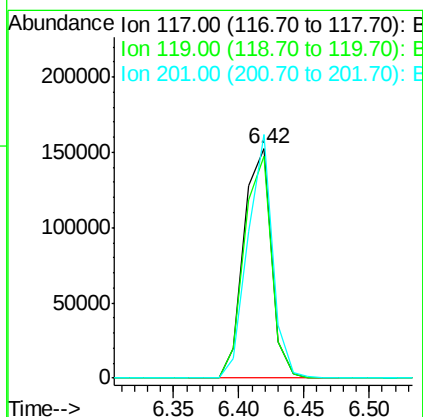
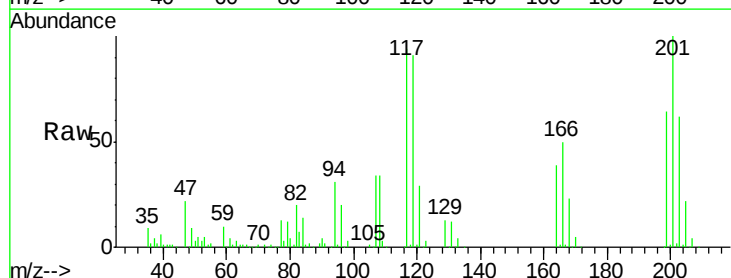
Manual Integrations
APPROVED

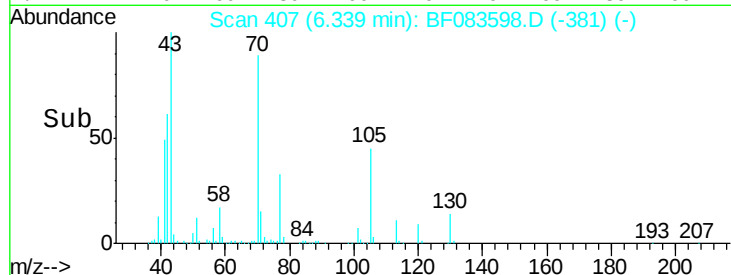
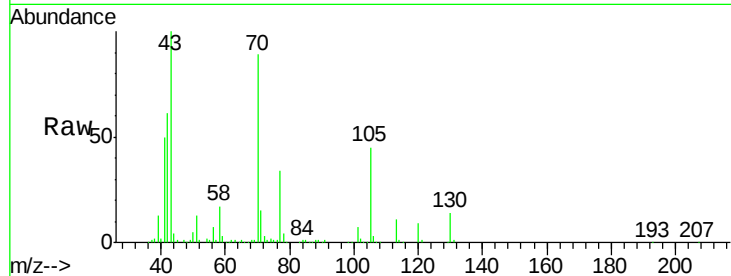
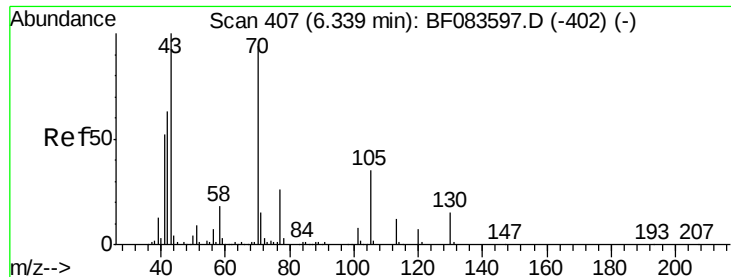
Mmdadoda
12/9/2015 6:13:15 PM



#18
Hexachloroethane
Concen: 51.89 ng
RT: 6.42 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF083598.D
Acq: 8 Dec 2015 16:19

Tgt Ion:	117	Resp:	225138
Ion Ratio	Lower	Upper	
117	100		
119	96.7	77.2	115.8
201	106.2	86.8	130.2





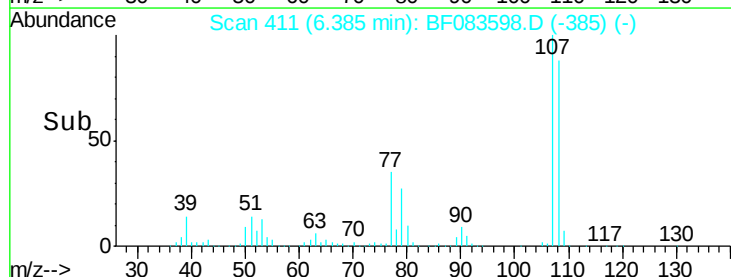
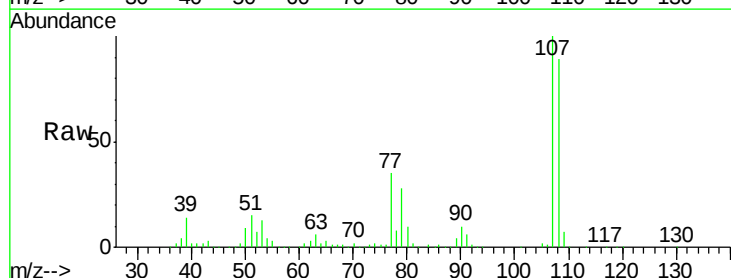
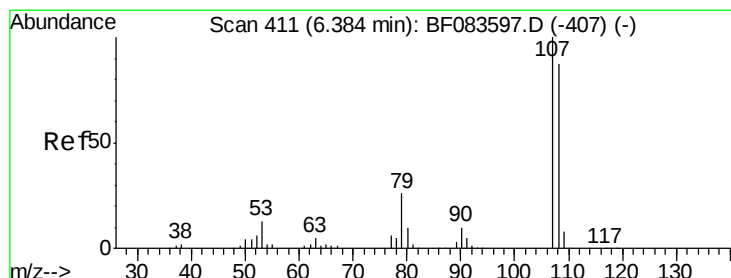
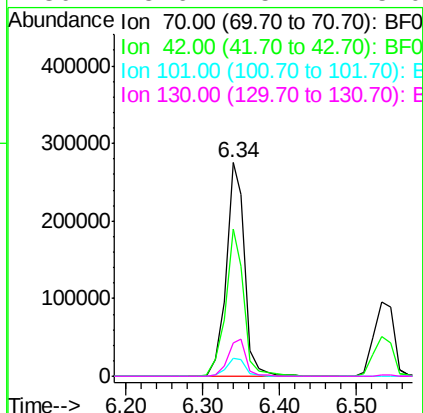
#19
n-Nitroso-di-n-propylamine
Concen: 51.92 ng
RT: 6.34 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF083598.D
Acq: 8 Dec 2015 16:19

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Manual Integrations
APPROVED

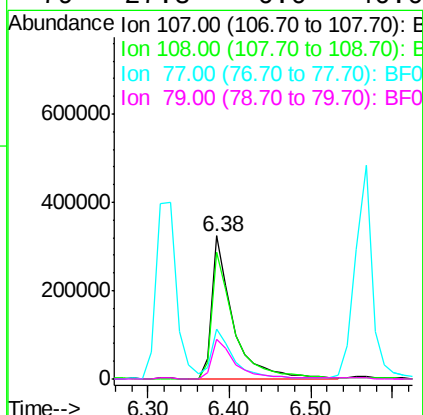
Mmdadoda
12/9/2015 6:13:15 PM

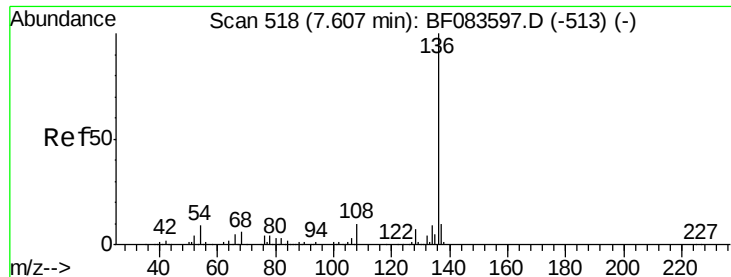
Tgt Ion	Ratio	Lower	Upper
70	100		
42	68.8	49.2	73.8
101	8.2	7.1	10.7
130	15.6	15.4	23.0



#20
3+4-Methylphenols
Concen: 50.29 ng
RT: 6.38 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF083598.D
Acq: 8 Dec 2015 16:19

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.8	65.2	105.2
77	35.0	15.2	55.2
79	27.8	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: BF083598.D

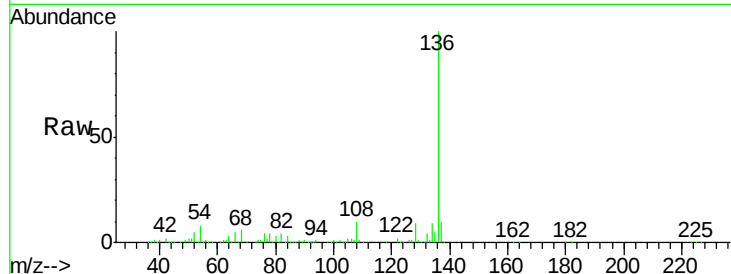
Acq: 8 Dec 2015 16:19

Instrument :

BNA_F

ClientSampleId :

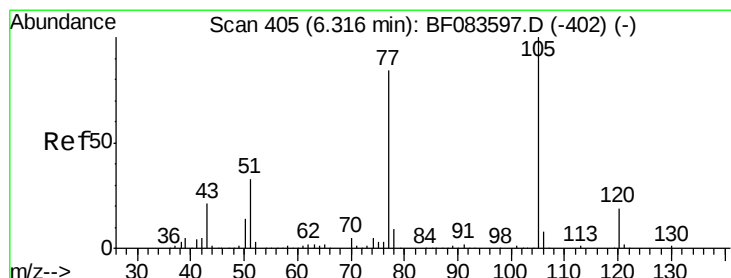
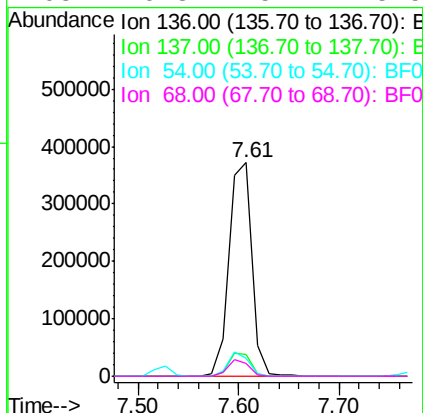
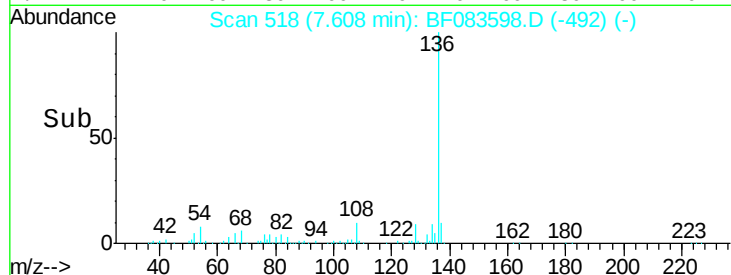
SSTDICC050



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	586025		
137	10.5	8.7	13.1	
54	8.1	7.8	11.6	
68	6.3	5.7	8.5	

Manual Integrations
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#22

Acetophenone

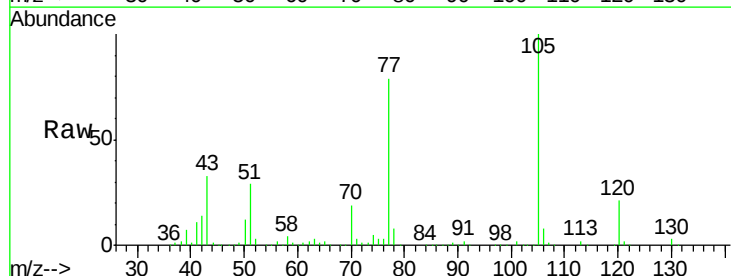
Concen: 51.01 ng

RT: 6.33 min Scan# 406

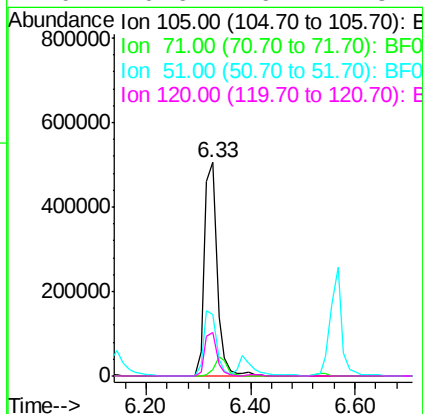
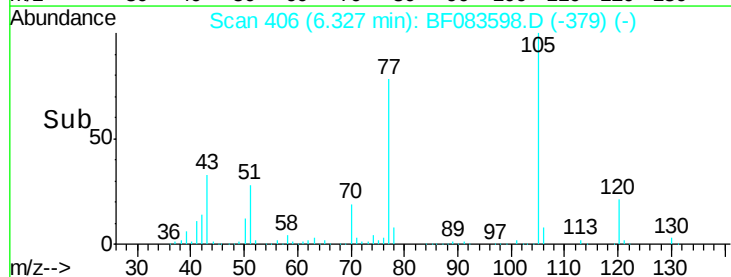
Delta R.T. 0.01 min

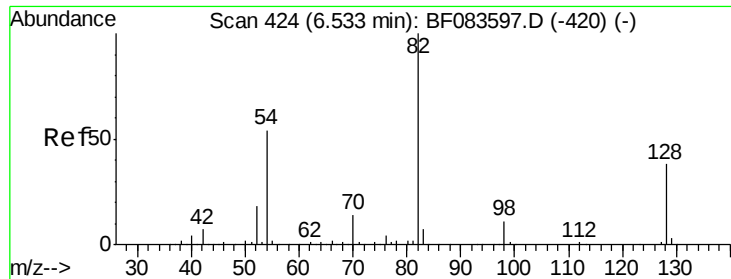
Lab File: BF083598.D

Acq: 8 Dec 2015 16:19



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	859625		
71	3.0	1.3	1.9#	
51	28.9	23.8	35.8	
120	20.6	16.7	25.1	





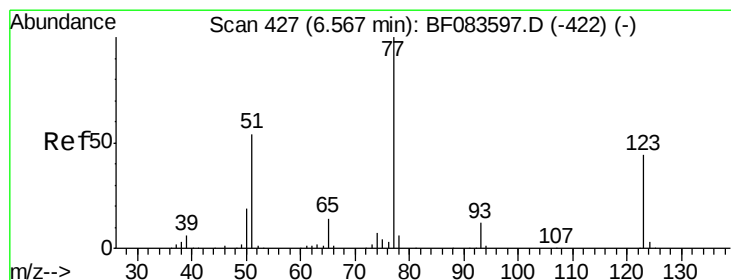
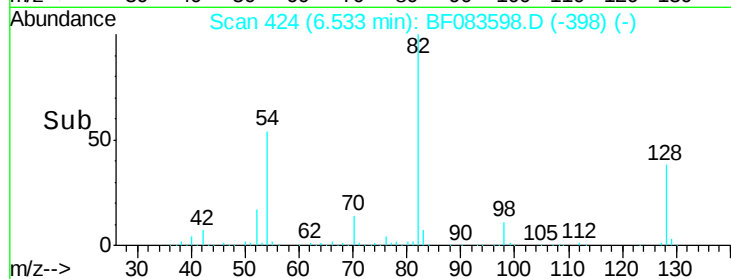
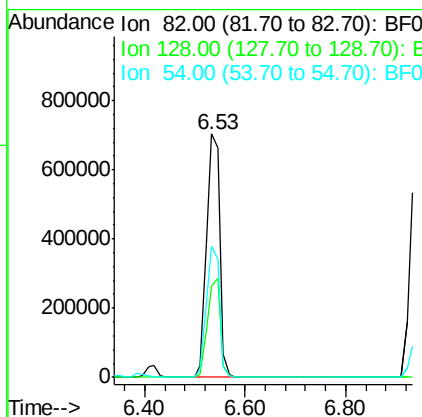
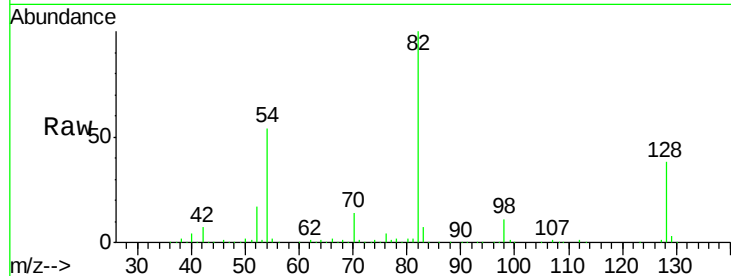
#23
 Nitrobenzene-d5
 Concen: 103.48 ng
 RT: 6.53 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: BF083598.D
 Acq: 8 Dec 2015 16:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion: 82 Resp: 1293803
 Ion Ratio Lower Upper
 82 100
 128 37.7 30.7 46.1
 54 53.9 42.5 63.7

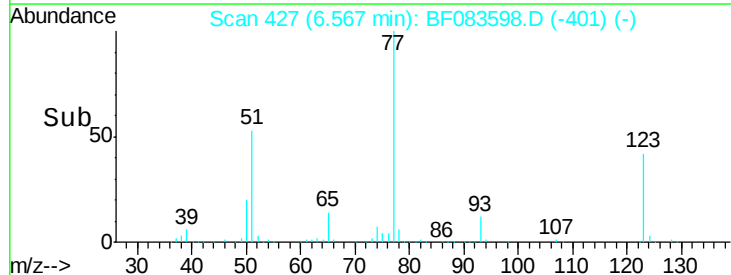
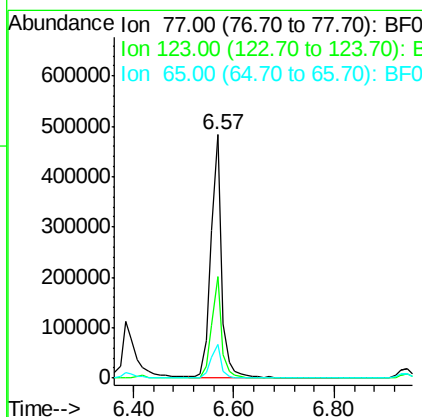
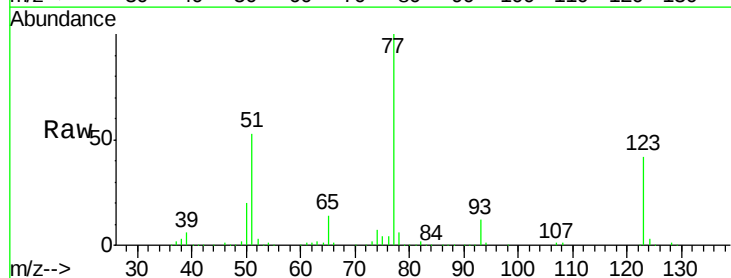
Manual Integrations
 APPROVED

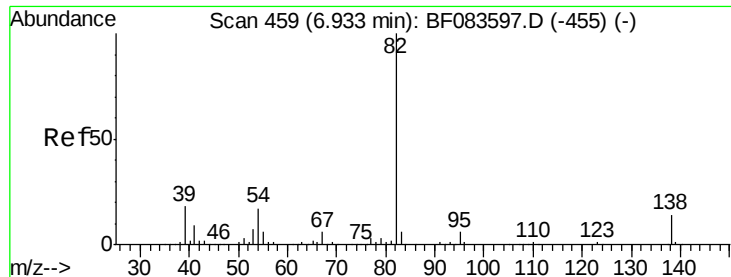
Mmdadoda
 12/9/2015 6:13:15 PM



#24
 Nitrobenzene
 Concen: 51.40 ng
 RT: 6.57 min Scan# 427
 Delta R.T. 0.00 min
 Lab File: BF083598.D
 Acq: 8 Dec 2015 16:19

Tgt Ion: 77 Resp: 710292
 Ion Ratio Lower Upper
 77 100
 123 41.9 29.8 44.6
 65 14.0 11.1 16.7





#25

Isophorone

Concen: 51.77 ng

RT: 6.94 min Scan# 460

Delta R.T. 0.01 min

Lab File: BF083598.D

Acq: 8 Dec 2015 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 1247279

Ion Ratio Lower Upper

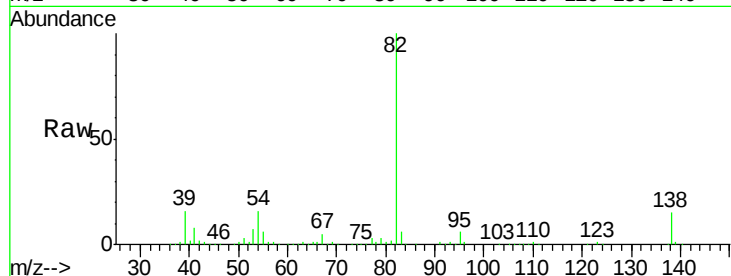
82 100

95 6.4 5.0 7.4

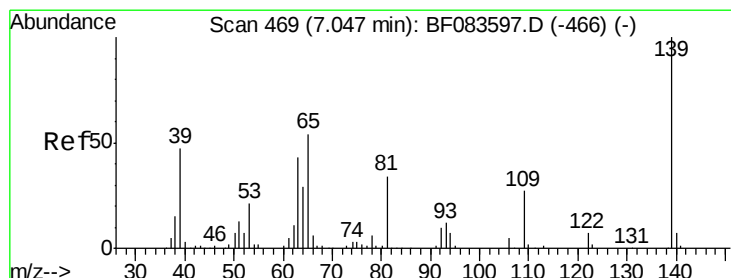
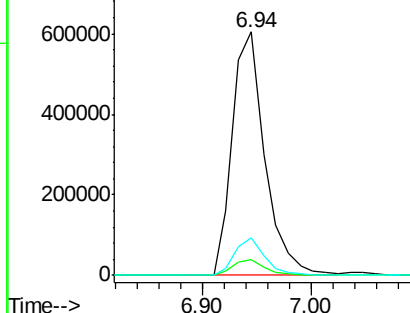
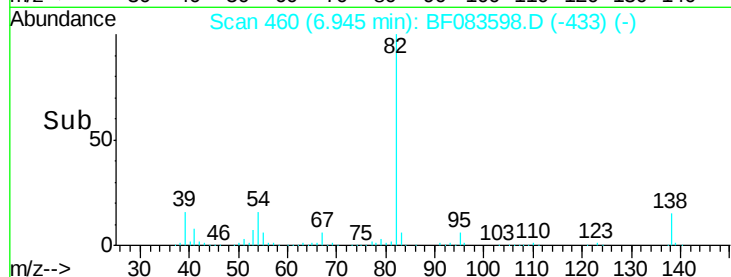
138 15.2 12.1 18.1

Manual Integrations
APPROVED

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12/9/2015 6:13:15 PM



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 53.80 ng

RT: 7.05 min Scan# 469

Delta R.T. 0.00 min

Lab File: BF083598.D

Acq: 8 Dec 2015 16:19

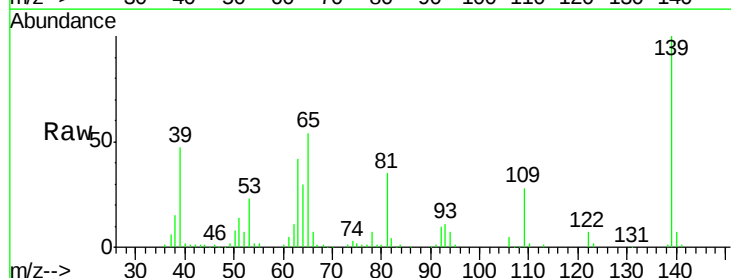
Tgt Ion: 139 Resp: 293709

Ion Ratio Lower Upper

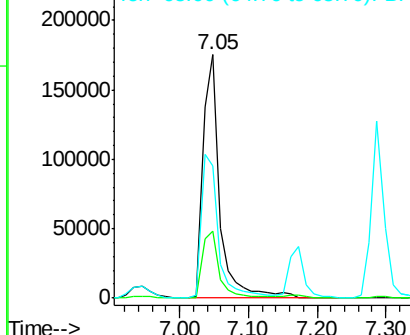
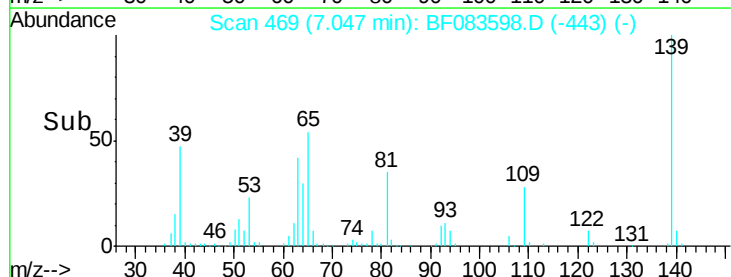
139 100

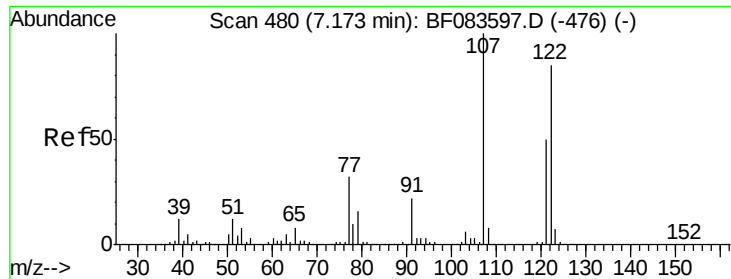
109 27.8 22.7 34.1

65 54.2 51.8 77.8



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 52.02 ng

RT: 7.17 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF083598.D

Acq: 8 Dec 2015 16:19

Instrument :

BNA_F

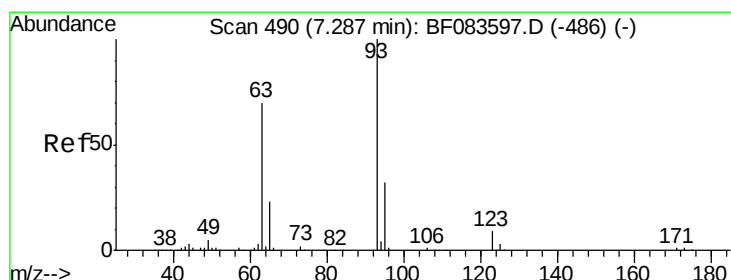
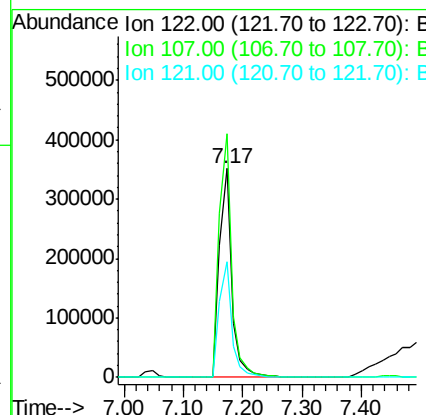
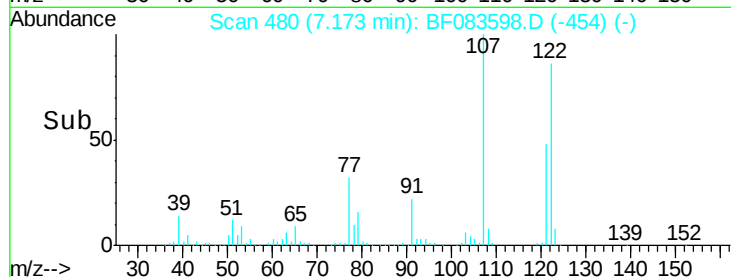
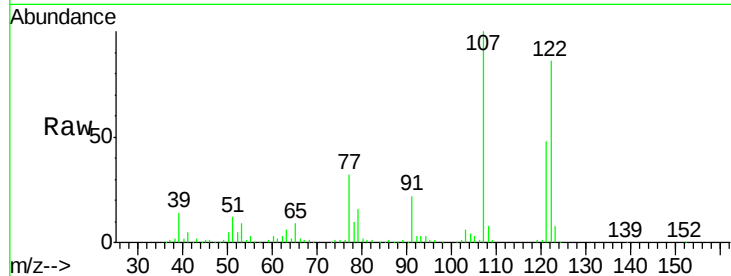
ClientSampleId :

SSTDICC050

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Tgt Ion:	122	Resp:	499853
Ion Ratio	Lower	Upper	
122	100		
107	116.7	92.4	138.6
121	55.7	45.8	68.6



#28

bis(2-Chloroethoxy)methane

Concen: 51.48 ng

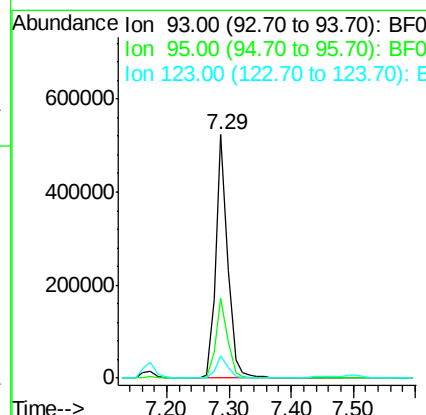
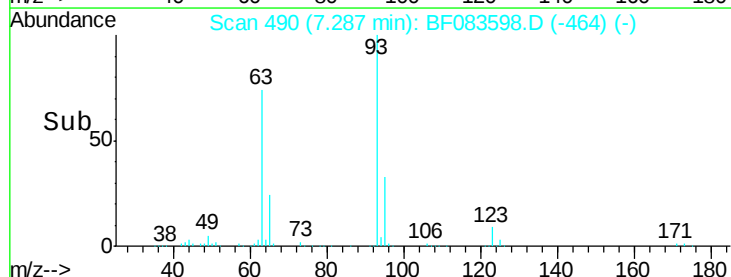
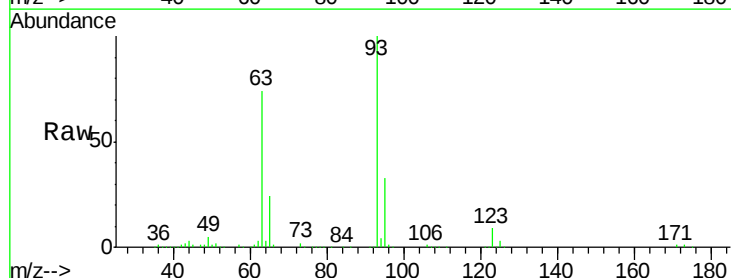
RT: 7.29 min Scan# 490

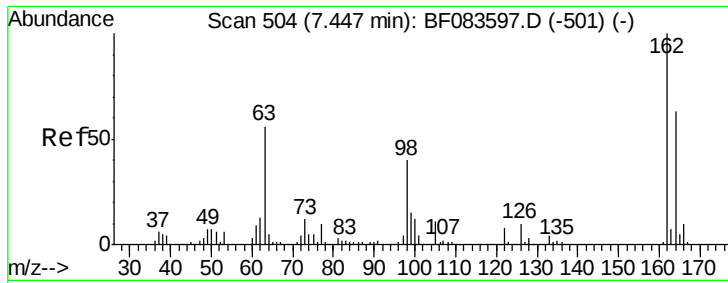
Delta R.T. 0.00 min

Lab File: BF083598.D

Acq: 8 Dec 2015 16:19

Tgt Ion:	93	Resp:	690375
Ion Ratio	Lower	Upper	
93	100		
95	32.7	25.6	38.4
123	9.2	7.3	10.9





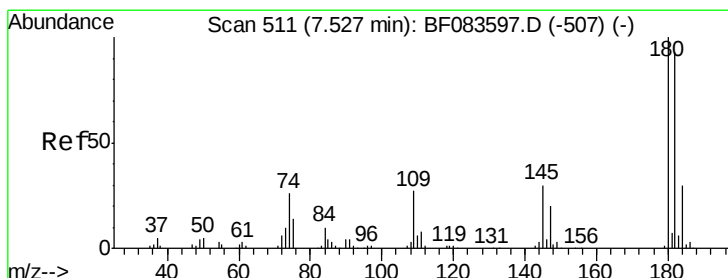
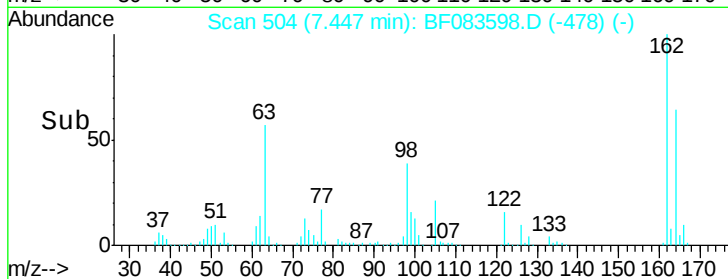
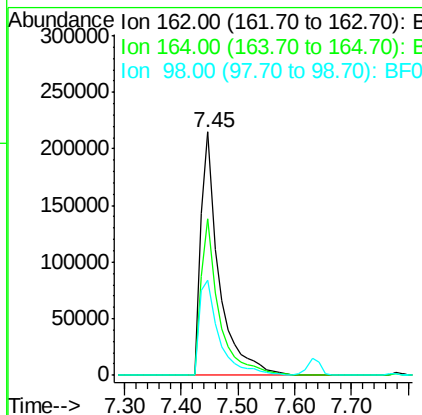
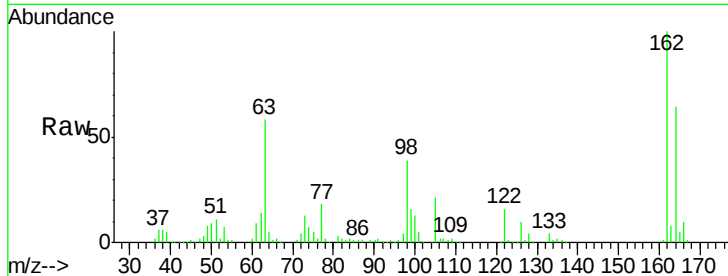
#29
 2,4-Dichlorophenol
 Concen: 53.15 ng
 RT: 7.45 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF083598.D
 Acq: 8 Dec 2015 16:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:	162	Resp:	461905
Ion Ratio	Lower	Upper	
162	100		
164	64.1	43.4	83.4
98	39.1	17.5	57.5

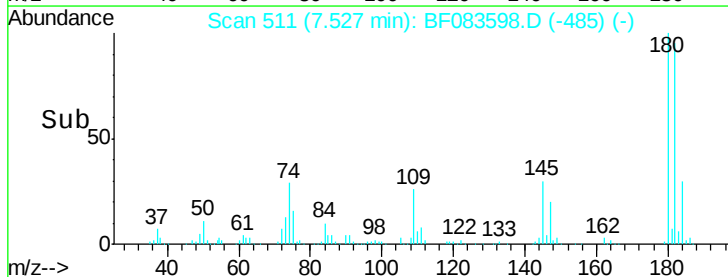
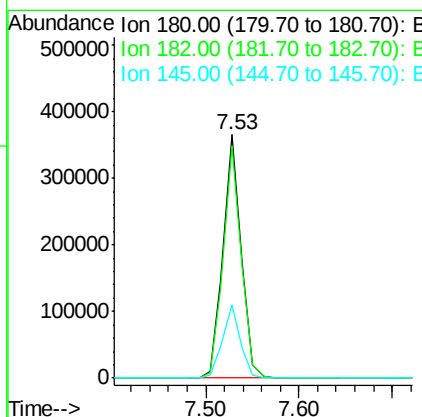
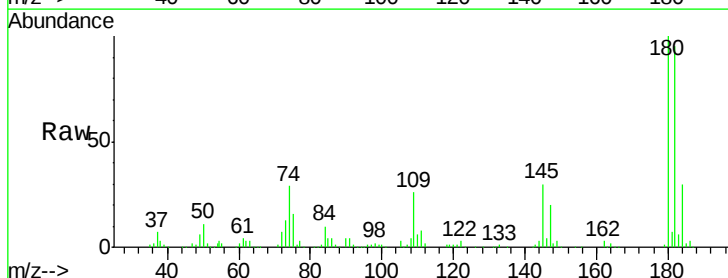
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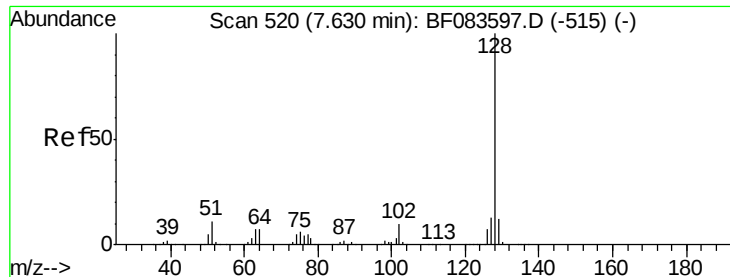
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#30
 1,2,4-Trichlorobenzene
 Concen: 51.23 ng
 RT: 7.53 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF083598.D
 Acq: 8 Dec 2015 16:19

Tgt Ion:	180	Resp:	492098
Ion Ratio	Lower	Upper	
180	100		
182	95.4	74.9	112.3
145	30.2	24.7	37.1





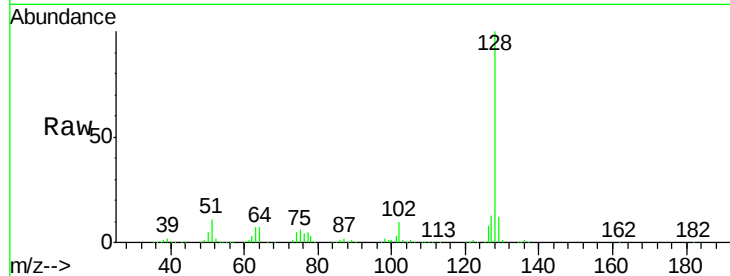
#31
Naphthalene
Concen: 50.51 ng
RT: 7.63 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF083598.D
Acq: 8 Dec 2015 16:19

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

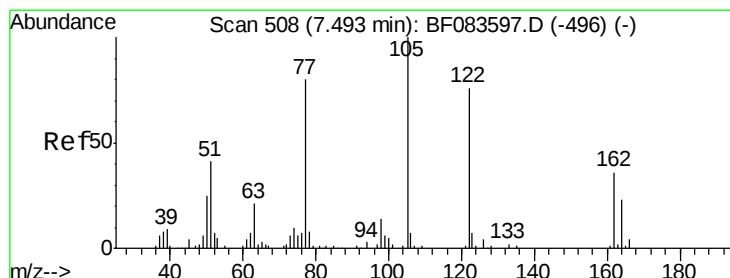
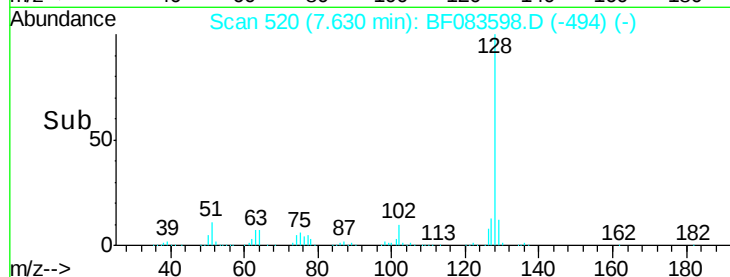
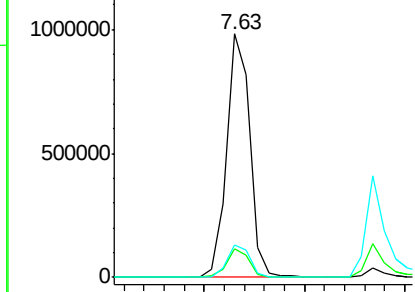
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.6	13.0
127	13.5	10.6	16.0

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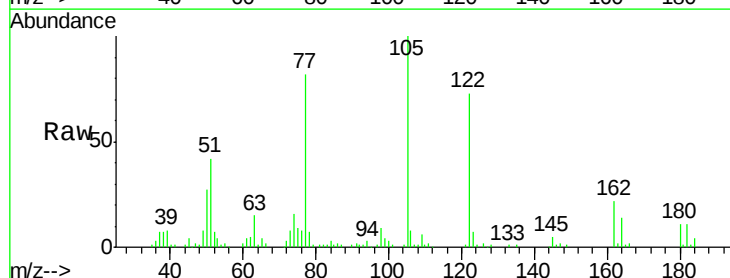


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

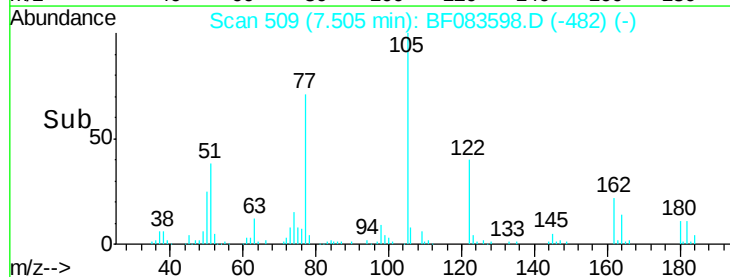
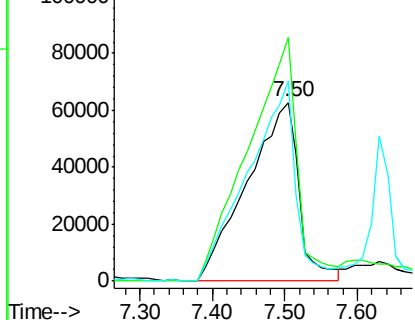


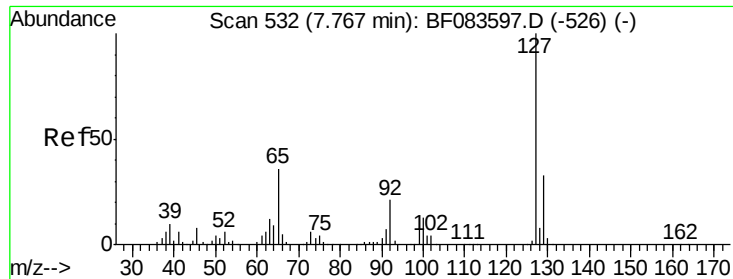
#32
Benzoic acid
Concen: 60.34 ng
RT: 7.50 min Scan# 509
Delta R.T. 0.01 min
Lab File: BF083598.D
Acq: 8 Dec 2015 16:19

Tgt Ion	Ratio	Lower	Upper
122	100		
105	136.5	105.6	145.6
77	112.2	86.8	126.8



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





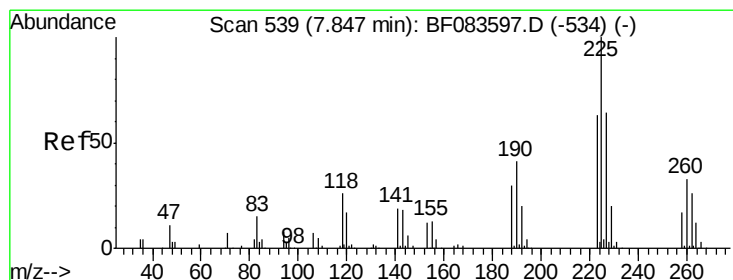
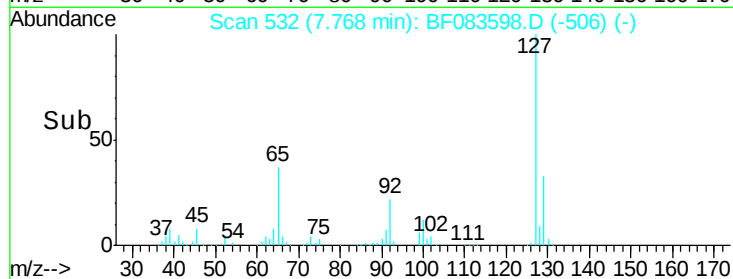
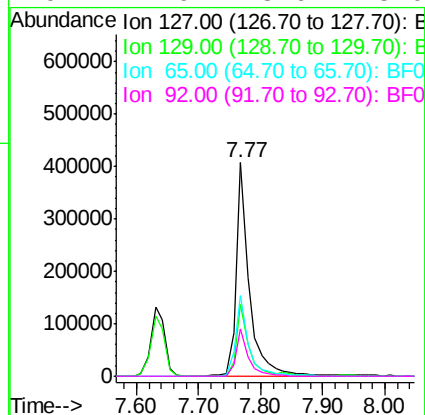
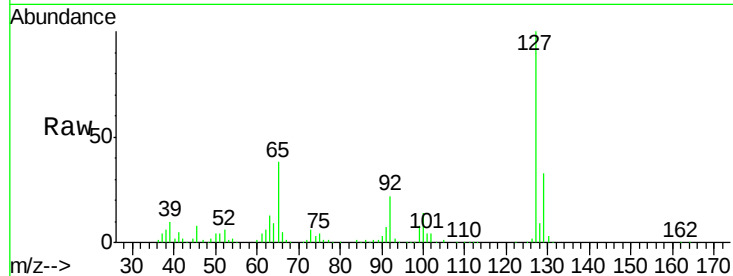
#33
4-Chloroaniline
Concen: 49.17 ng
RT: 7.77 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF083598.D
Acq: 8 Dec 2015 16:19

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	594128		
129	33.3	26.1	39.1	
65	37.7	33.5	50.3	
92	21.9	18.6	28.0	

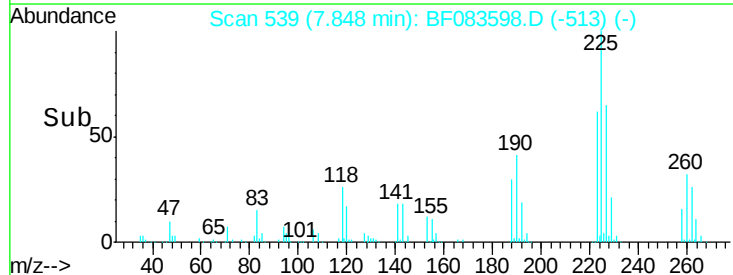
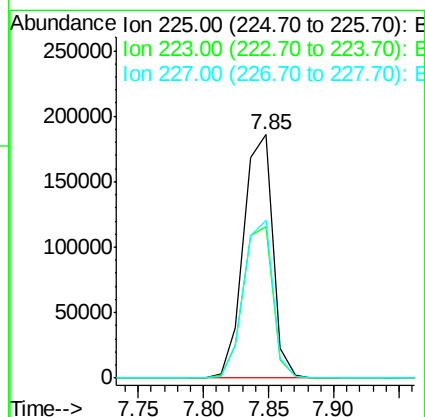
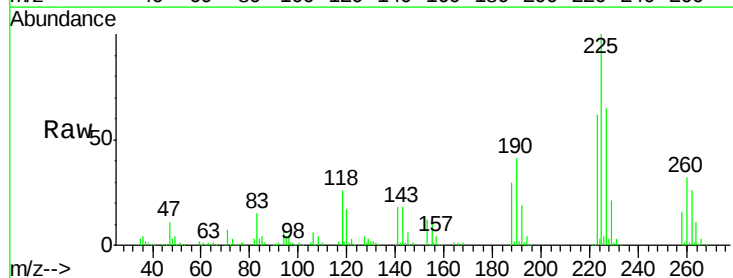
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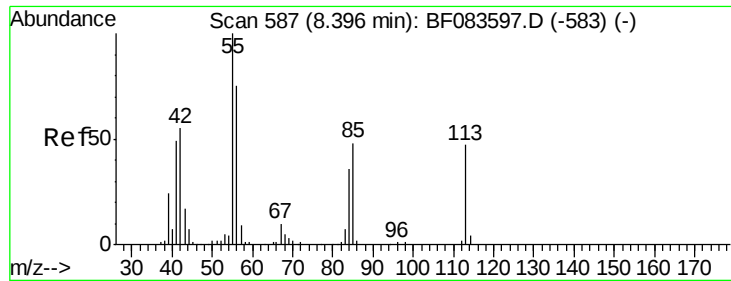
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#34
Hexachlorobutadiene
Concen: 50.98 ng
RT: 7.85 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF083598.D
Acq: 8 Dec 2015 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	289349		
223	62.0	52.3	78.5	
227	64.8	50.4	75.6	





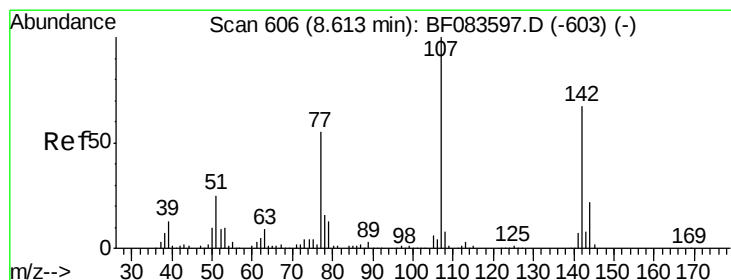
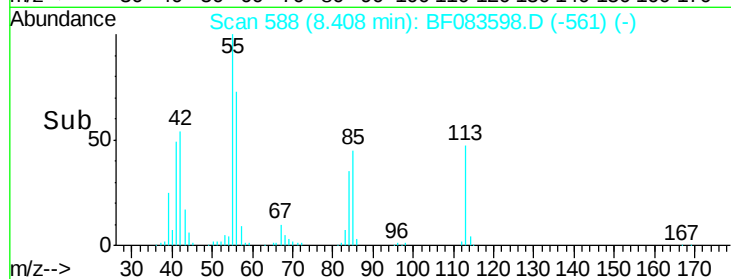
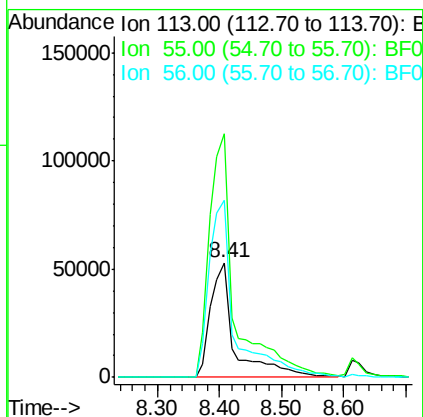
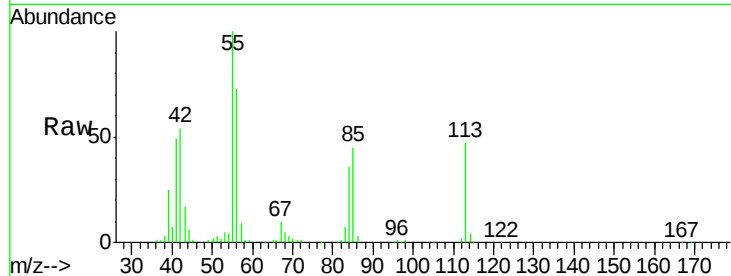
#35
 Caprolactam
 Concen: 51.80 ng
 RT: 8.41 min Scan# 588
 Delta R.T. 0.01 min
 Lab File: BF083598.D
 Acq: 8 Dec 2015 16:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Lower	Upper
113	100		
55	212.7	189.7	229.7
56	154.3	130.7	170.7

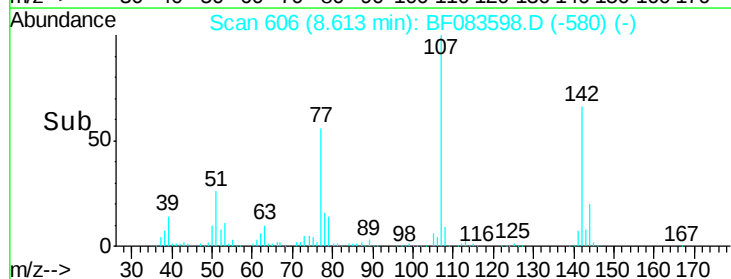
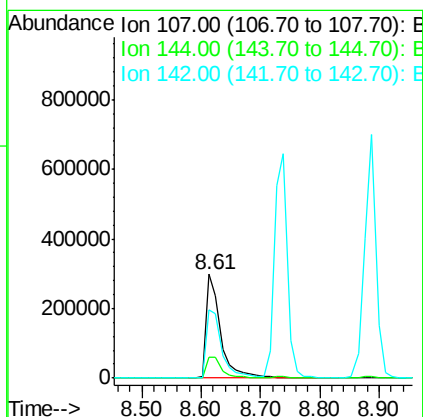
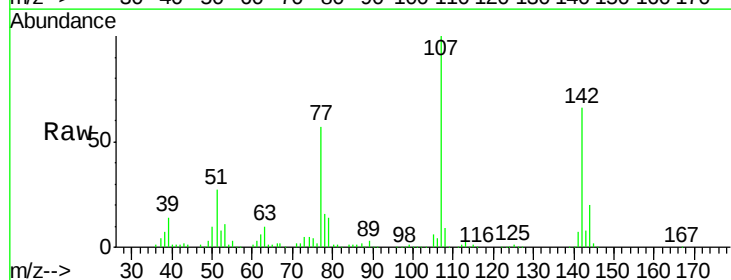
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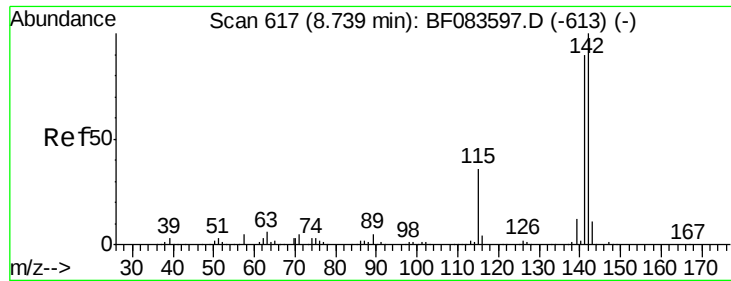
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#36
 4-Chloro-3-methylphenol
 Concen: 52.44 ng
 RT: 8.61 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF083598.D
 Acq: 8 Dec 2015 16:19

Tgt Ion	Ratio	Lower	Upper
107	100		
144	20.4	17.5	26.3
142	65.8	53.6	80.4





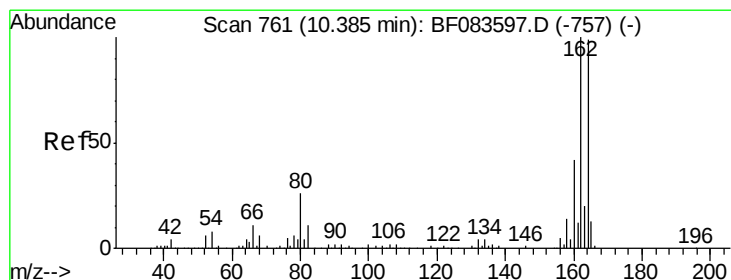
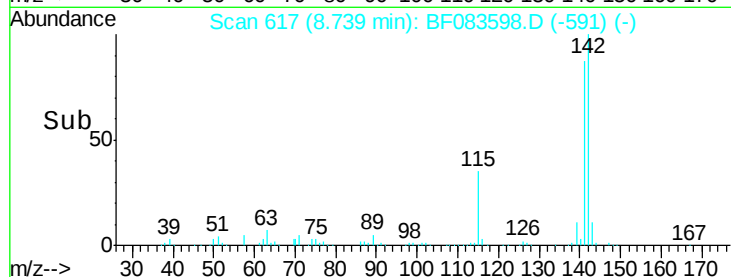
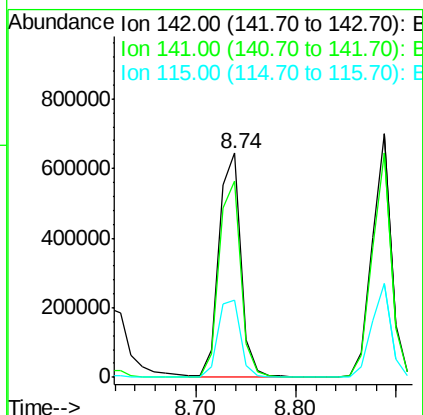
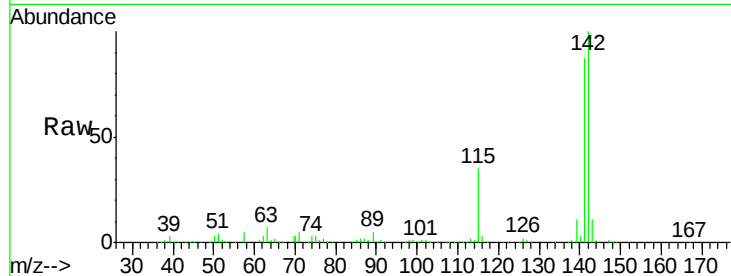
#37
2-Methylnaphthalene
Concen: 50.34 ng
RT: 8.74 min Scan# 617
Delta R.T. 0.00 min
Lab File: BF083598.D
Acq: 8 Dec 2015 16:19

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.3	105.5
115	34.6	29.2	43.8

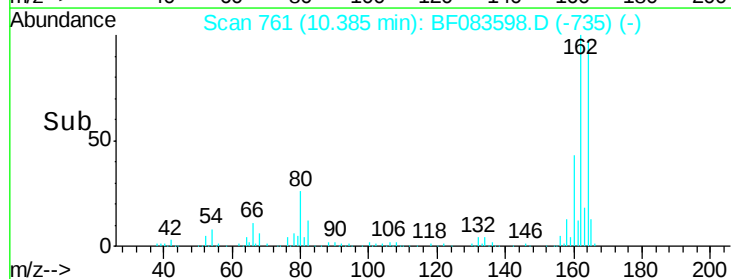
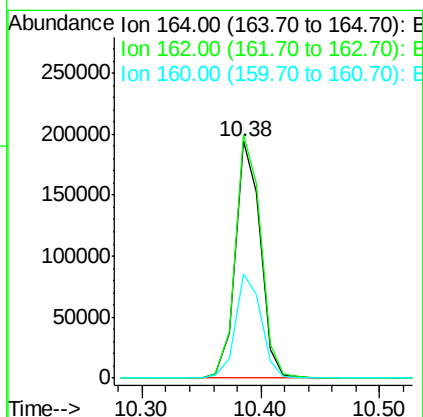
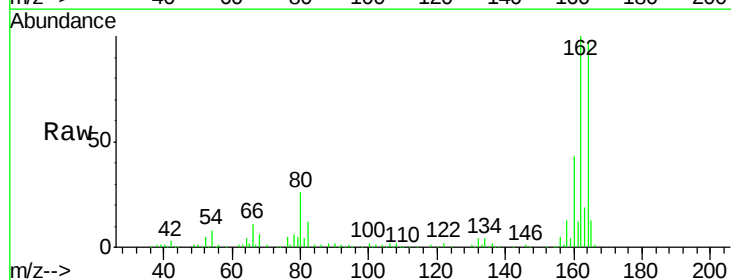
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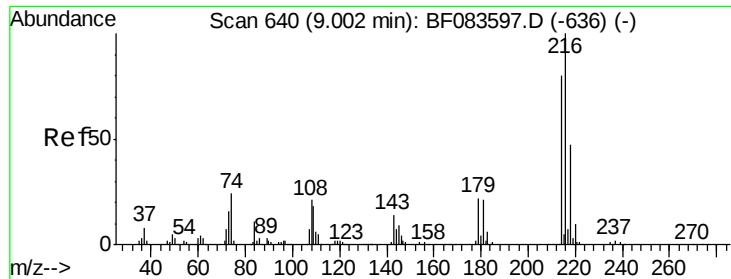
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.38 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF083598.D
Acq: 8 Dec 2015 16:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	78.8	118.2
160	43.8	33.4	50.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 51.14 ng

RT: 9.00 min Scan# 640

Delta R.T. 0.00 min

Lab File: BF083598.D

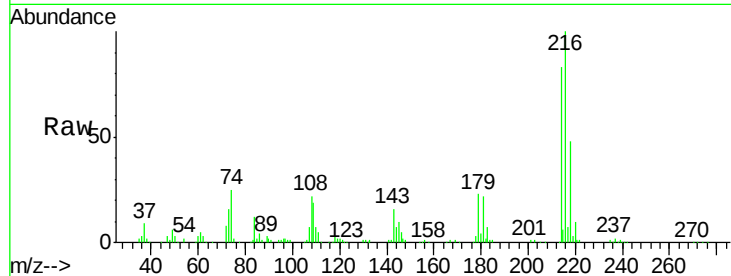
Acq: 8 Dec 2015 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC050



Tgt Ion:216 Resp: 478066

Ion Ratio Lower Upper

216 100

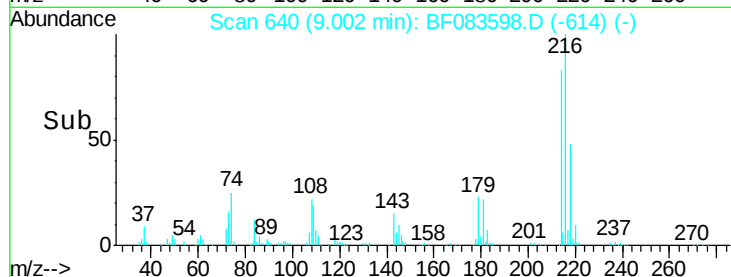
214 79.8 0.0 0.0#

179 21.1 0.0 0.0#

108 18.9 0.0 0.0#

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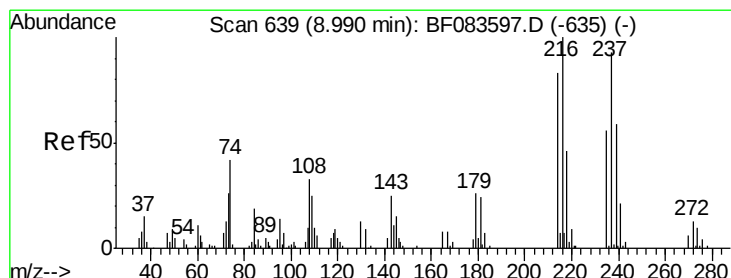
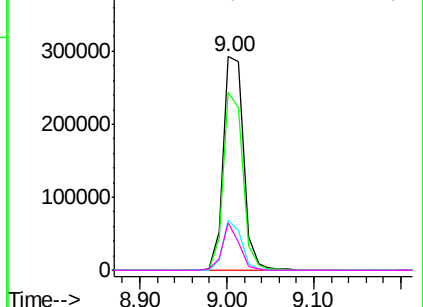


Abundance Ion 216.00 (215.70 to 216.70): E

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: 31.07 ng

RT: 8.99 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF083598.D

Acq: 8 Dec 2015 16:19

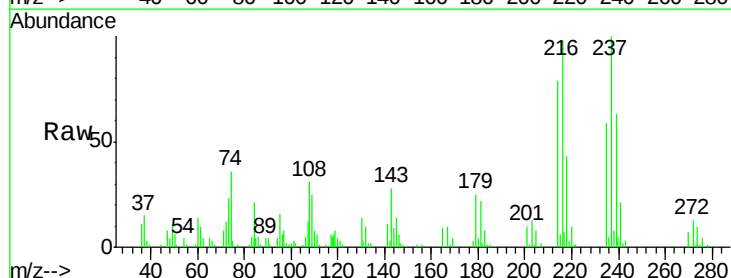
Tgt Ion:237 Resp: 77832

Ion Ratio Lower Upper

237 100

235 58.7 43.9 83.9

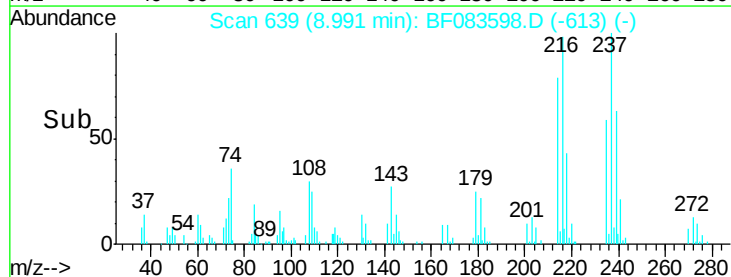
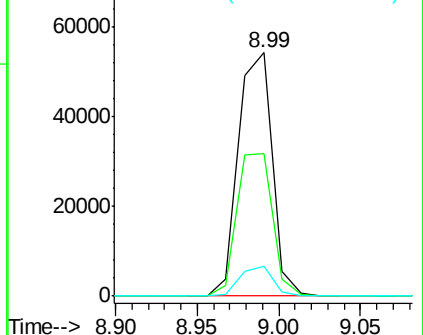
272 12.5 0.0 31.8

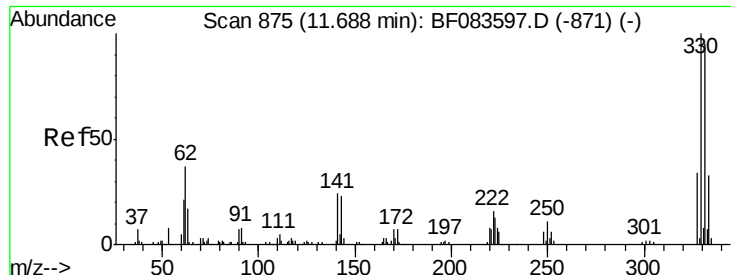


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





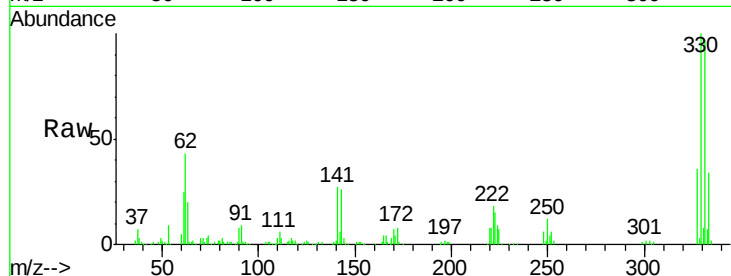
#41
 2,4,6-Tribromophenol
 Concen: 100.24 ng
 RT: 11.69 min Scan# 875
 Delta R.T. 0.00 min
 Lab File: BF083598.D
 Acq: 8 Dec 2015 16:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

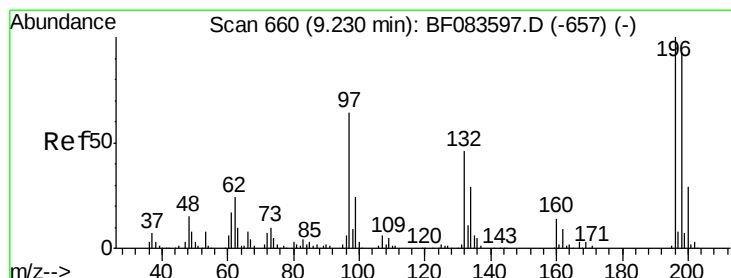
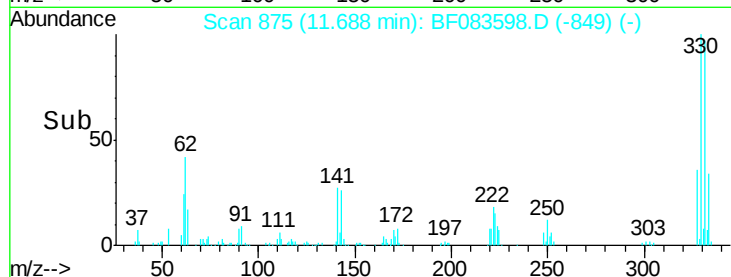
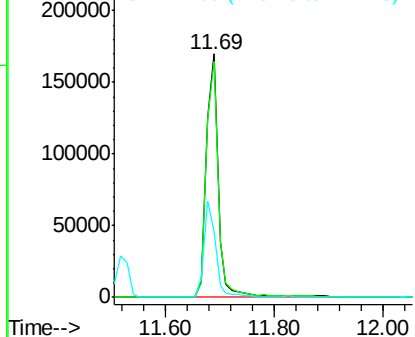
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	261904		
332	98.2	0.0	0.0	0.0
141	38.2	0.0	0.0	0.0

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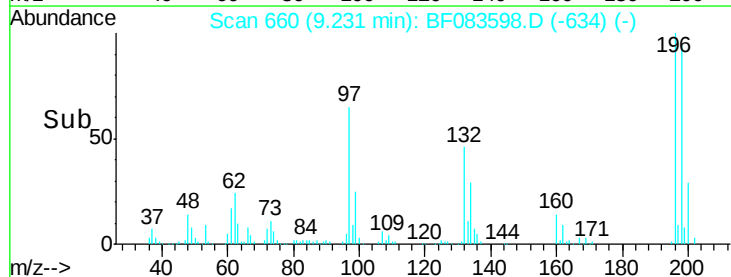
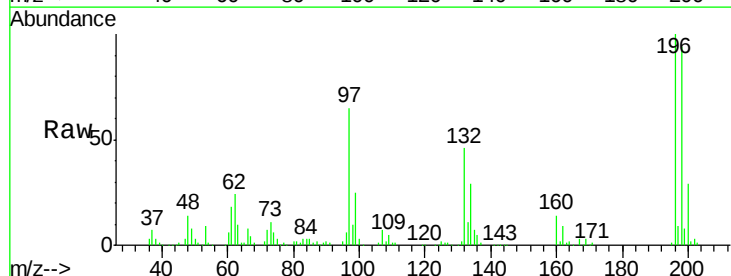
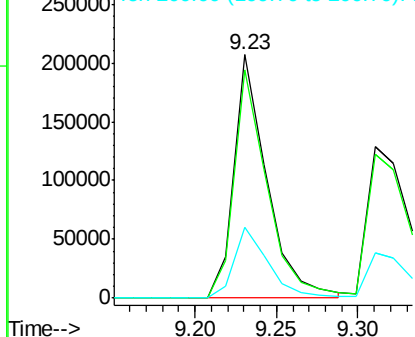
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

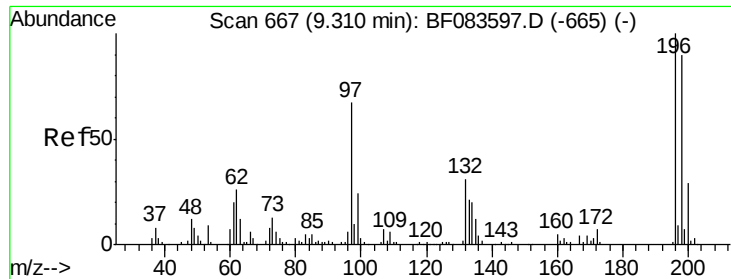


#42
 2,4,6-Trichlorophenol
 Concen: 49.67 ng
 RT: 9.23 min Scan# 660
 Delta R.T. 0.00 min
 Lab File: BF083598.D
 Acq: 8 Dec 2015 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	289424		
198	94.0	75.2	112.8	
200	28.8	23.0	34.6	

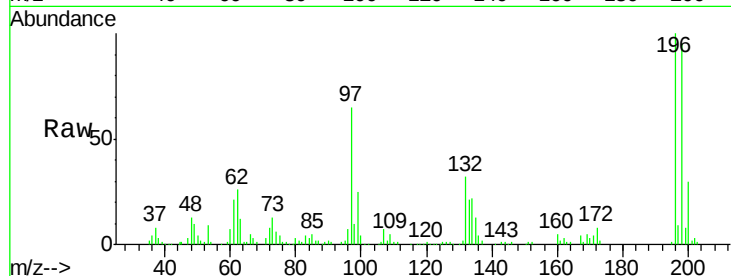
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 48.68 ng
 RT: 9.31 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: BF083598.D
 Acq: 8 Dec 2015 16:19

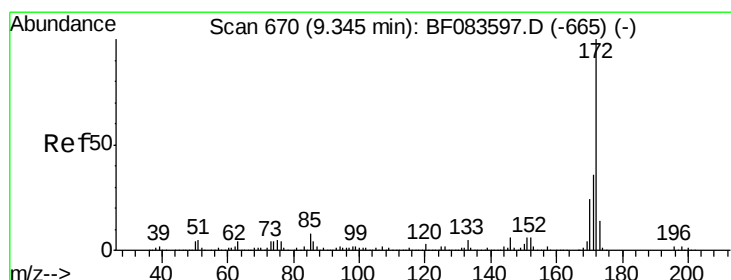
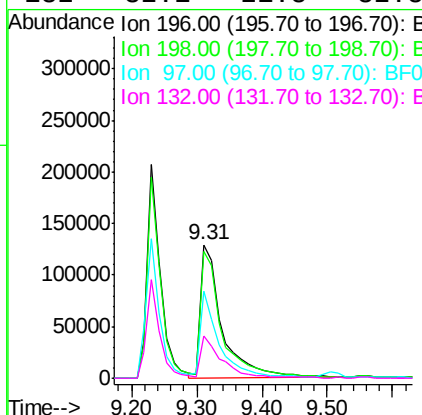
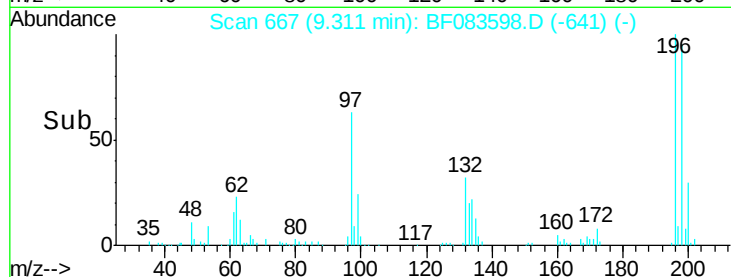
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050



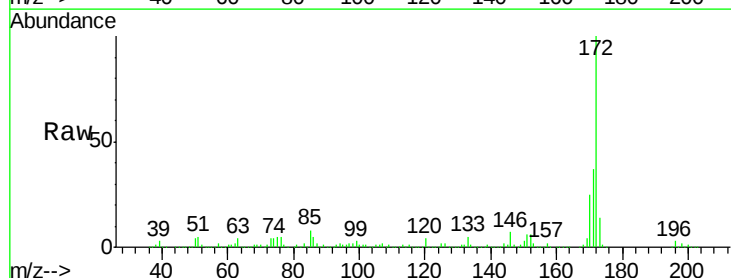
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	291663		
198	94.6	77.7	116.5	
97	65.3	41.2	61.8#	
132	32.1	21.8	32.8	

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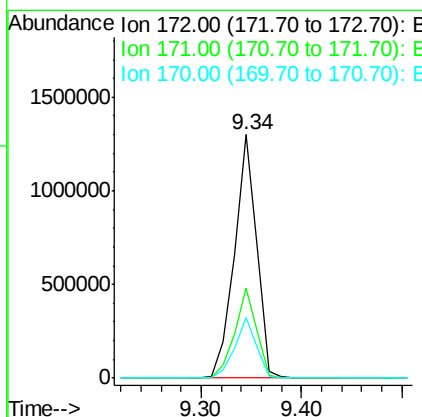
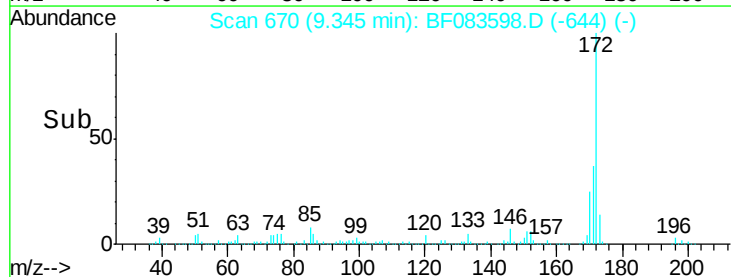
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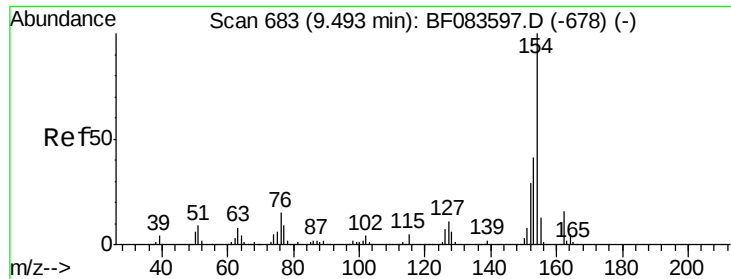


#44
 2-Fluorobiphenyl
 Concen: 95.35 ng
 RT: 9.34 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF083598.D
 Acq: 8 Dec 2015 16:19



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1984929		
171	37.1	28.6	42.8	
170	25.0	19.4	29.0	





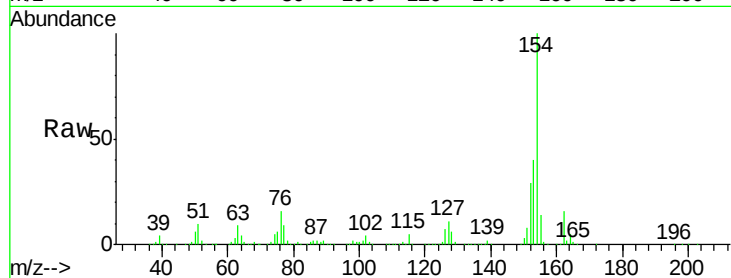
#45
 1,1'-Biphenyl
 Concen: 49.33 ng
 RT: 9.49 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF083598.D
 Acq: 8 Dec 2015 16:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

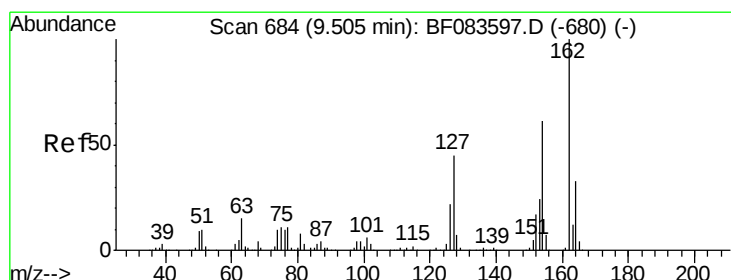
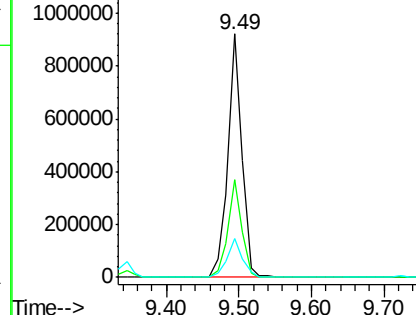
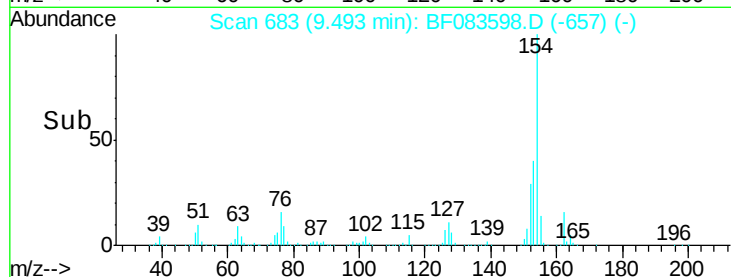
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.2	60.2
76	16.2	0.0	34.8

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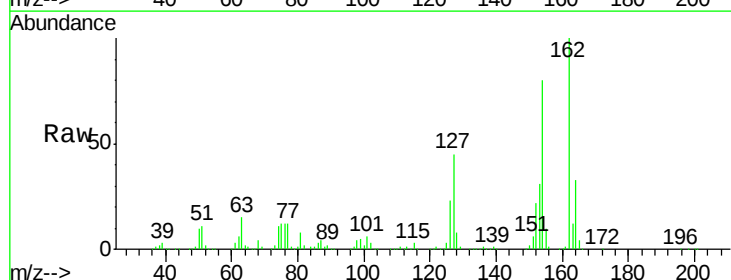


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

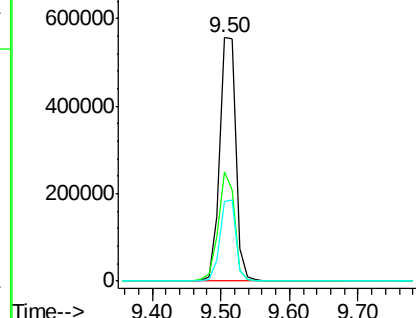
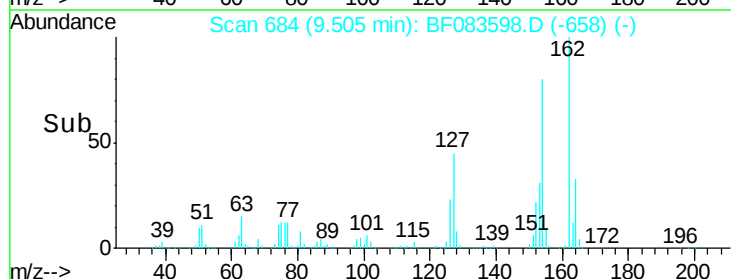


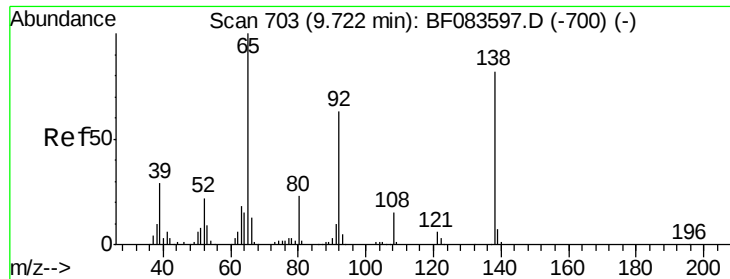
#46
 2-Chloronaphthalene
 Concen: 49.36 ng
 RT: 9.50 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF083598.D
 Acq: 8 Dec 2015 16:19

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.6	31.0	46.4
164	32.5	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





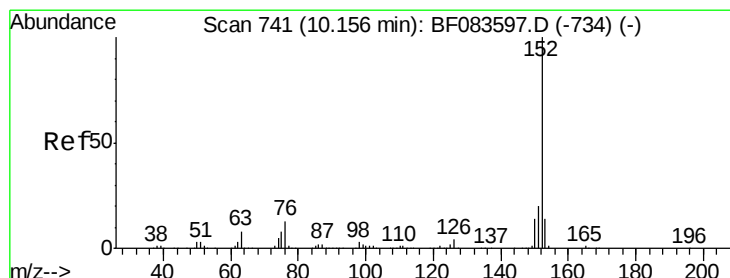
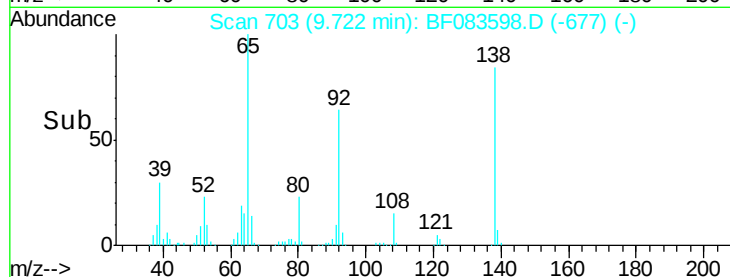
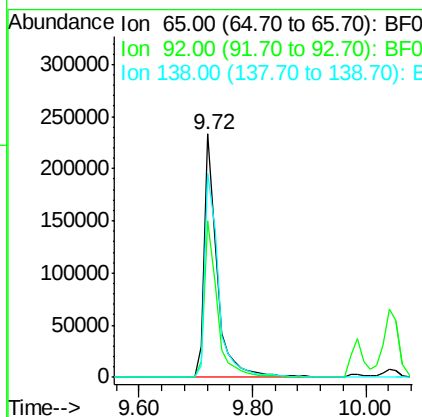
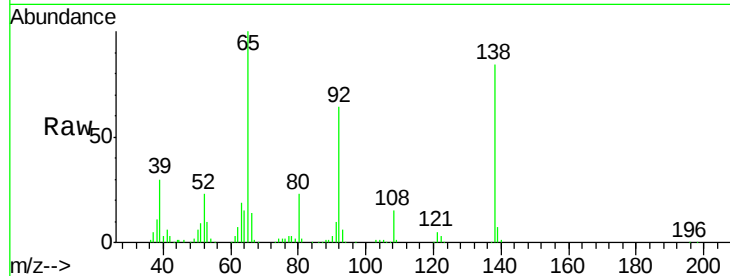
#47
2-Nitroaniline
Concen: 51.63 ng
RT: 9.72 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF083598.D
Acq: 8 Dec 2015 16:19

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	349582		
92	64.1	49.6	74.4	
138	83.6	64.1	96.1	

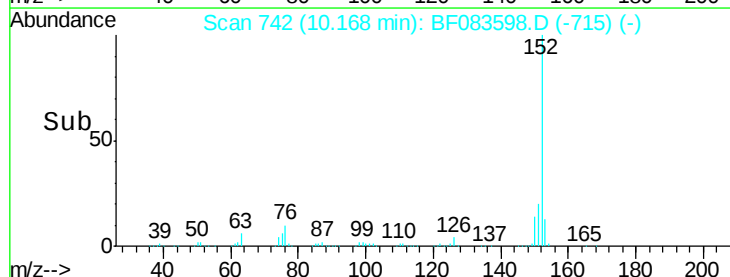
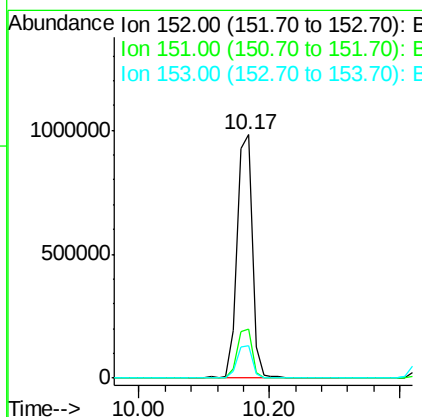
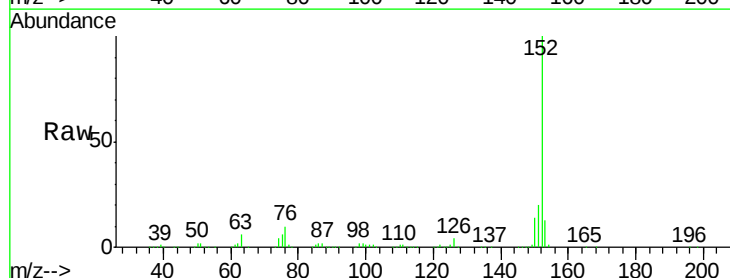
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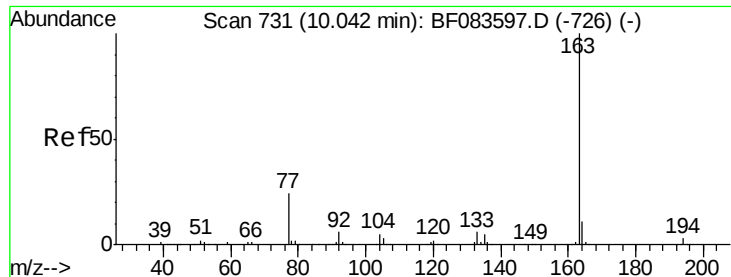
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#48
Acenaphthylene
Concen: 50.28 ng
RT: 10.17 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF083598.D
Acq: 8 Dec 2015 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1561938		
151	20.0	16.3	24.5	
153	13.5	10.8	16.2	





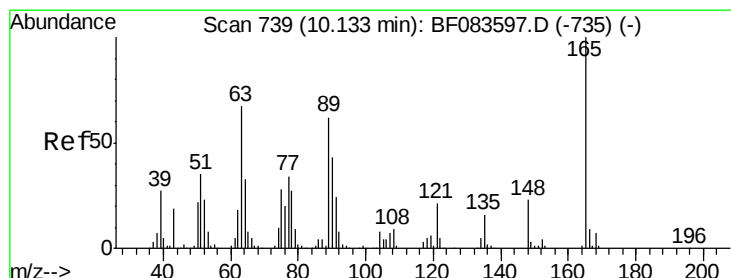
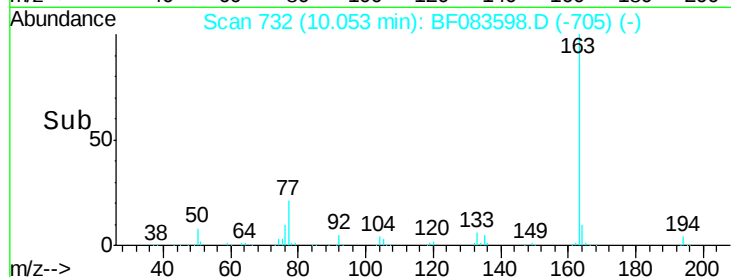
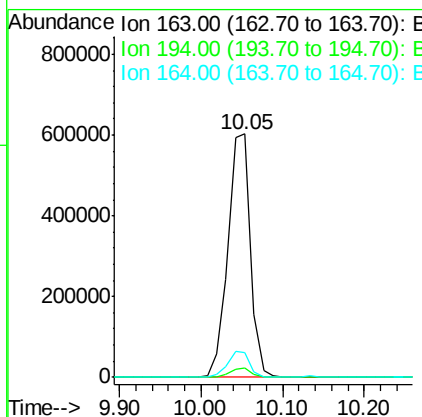
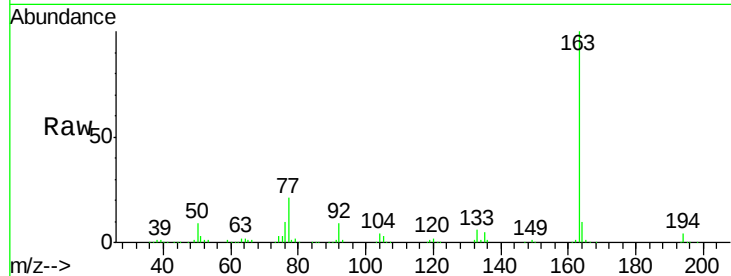
#49
Dimethylphthalate
Concen: 51.44 ng
RT: 10.05 min Scan# 732
Delta R.T. 0.01 min
Lab File: BF083598.D
Acq: 8 Dec 2015 16:19

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion:163 Resp: 1153119
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 10.0 8.6 13.0

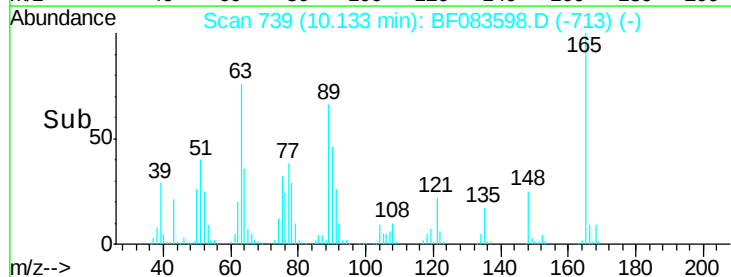
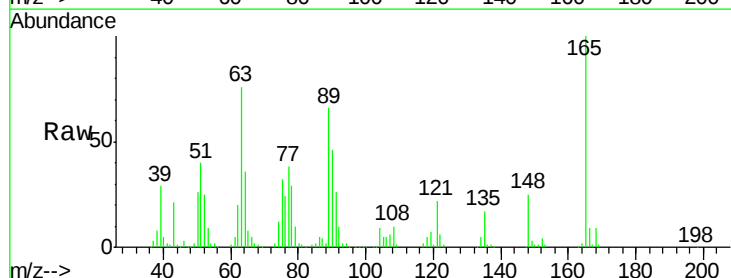
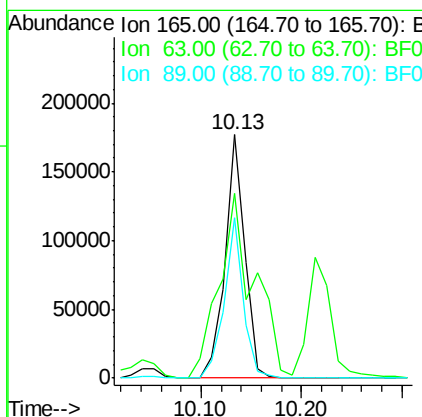
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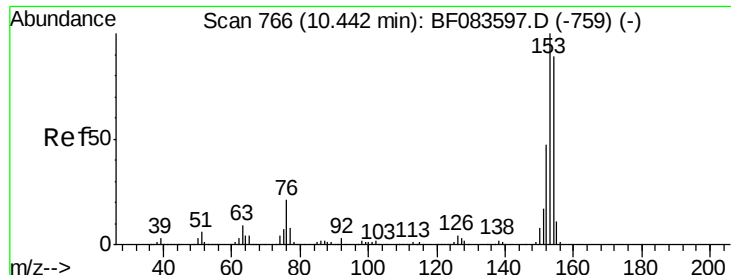
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#50
2,6-Dinitrotoluene
Concen: 51.11 ng
RT: 10.13 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF083598.D
Acq: 8 Dec 2015 16:19

Tgt Ion:165 Resp: 240524
Ion Ratio Lower Upper
165 100
63 76.1 56.9 85.3
89 65.9 52.1 78.1





#51

Acenaphthene

Concen: 49.77 ng

RT: 10.44 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF083598.D

Acq: 8 Dec 2015 16:19

Instrument :

BNA_F

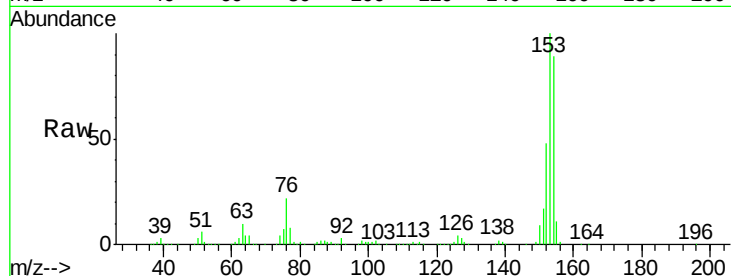
ClientSampleId :

SSTDICC050

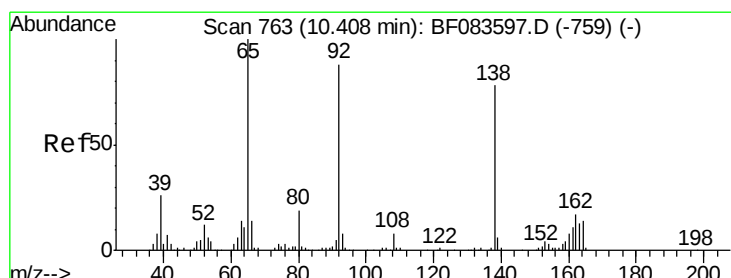
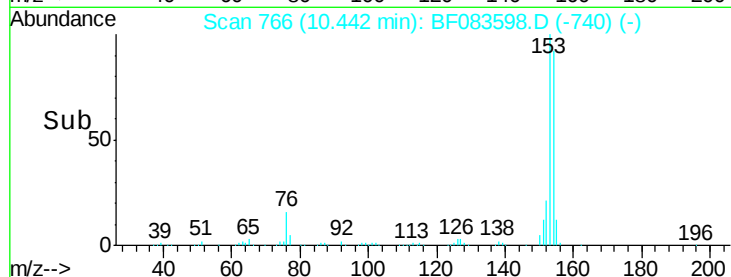
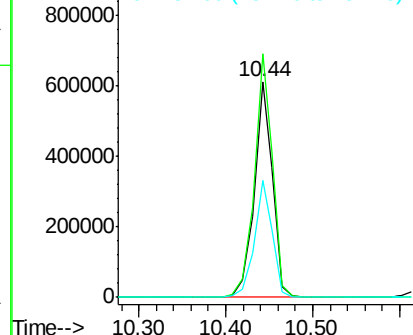
Tgt Ion:	154	Resp:	891991
Ion Ratio	Lower	Upper	
154	100		
153	112.8	91.4	137.0
152	54.2	43.4	65.2

Manual Integrations
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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: 52.27 ng

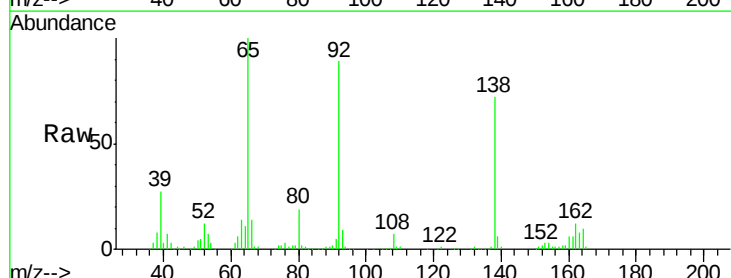
RT: 10.41 min Scan# 763

Delta R.T. 0.00 min

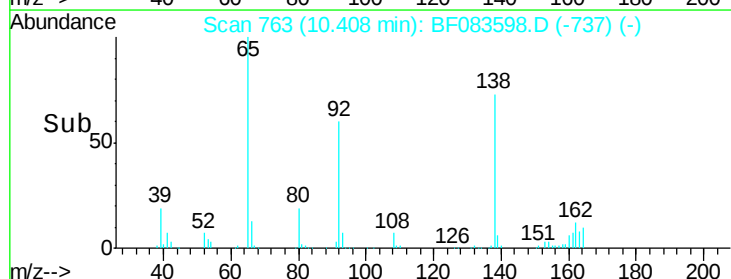
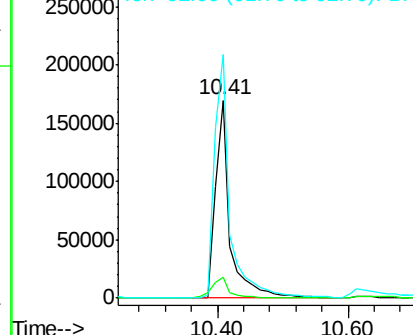
Lab File: BF083598.D

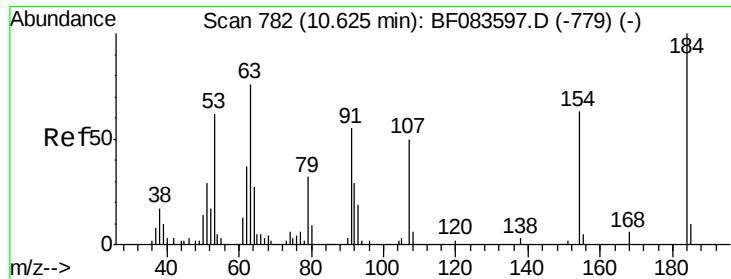
Acq: 8 Dec 2015 16:19

Tgt Ion:	138	Resp:	266370
Ion Ratio	Lower	Upper	
138	100		
108	10.3	9.9	14.9
92	122.9	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





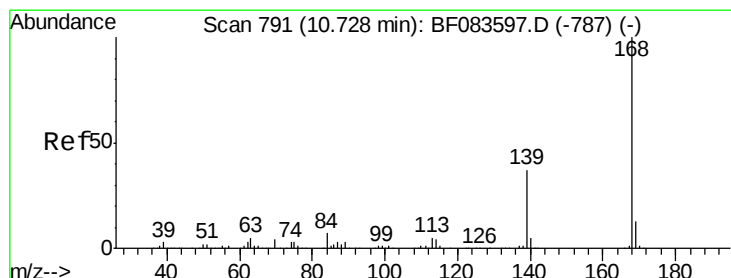
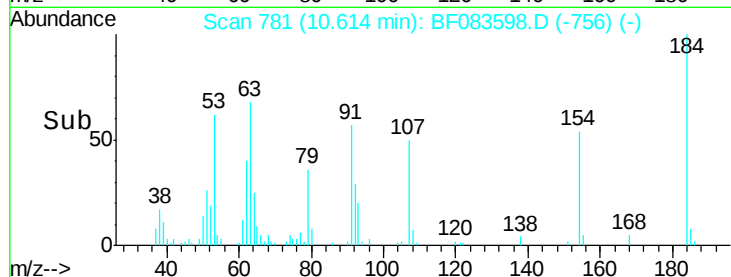
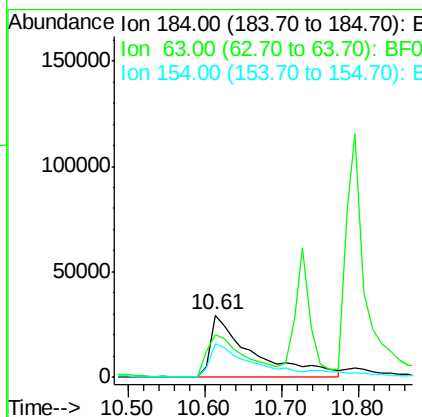
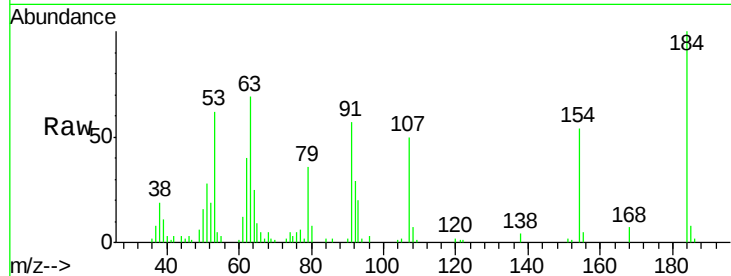
#53
2,4-Dinitrophenol
Concen: 55.91 ng
RT: 10.61 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF083598.D
Acq: 8 Dec 2015 16:19

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	113729		
63	69.4	62.4	93.6	
154	54.0	46.6	69.8	

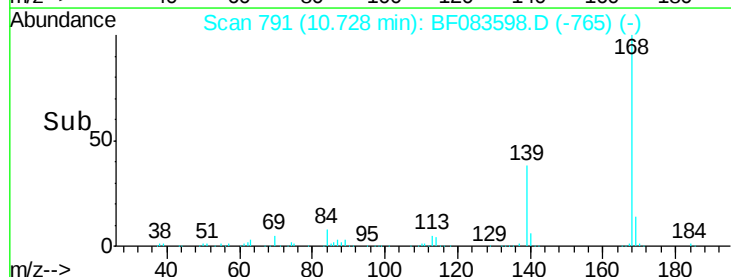
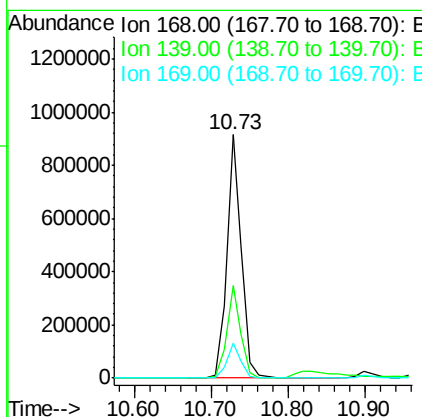
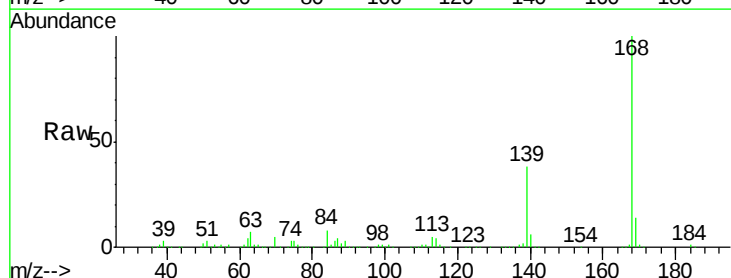
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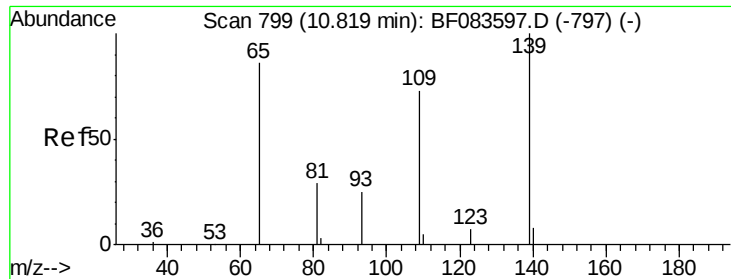
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#54
Dibenzofuran
Concen: 48.91 ng
RT: 10.73 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF083598.D
Acq: 8 Dec 2015 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1216050		
139	38.2	28.0	42.0	
169	14.1	10.8	16.2	





#55

4-Nitrophenol

Concen: 40.41 ng

RT: 10.82 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF083598.D

Acq: 8 Dec 2015 16:19

Instrument :

BNA_F

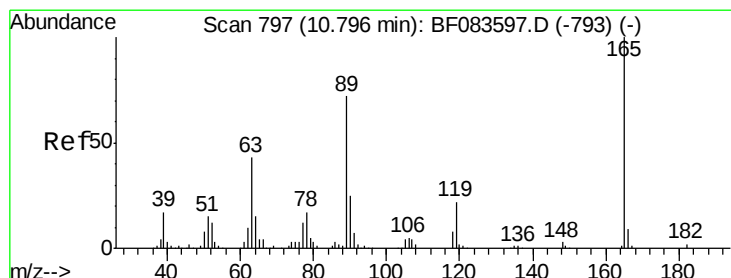
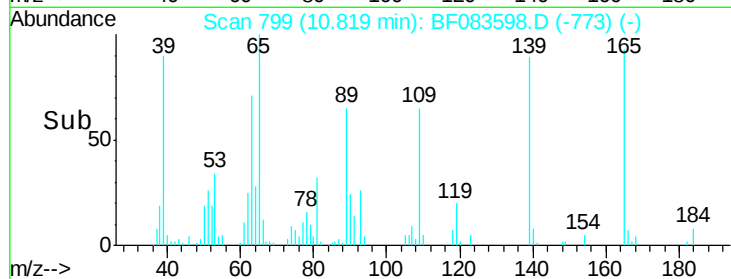
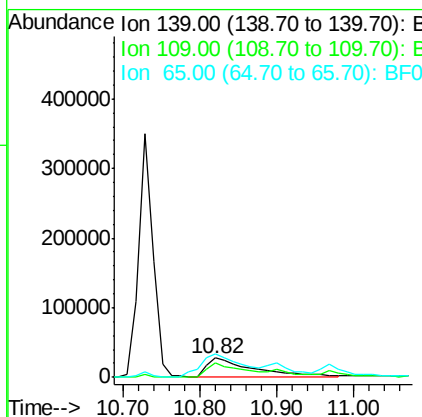
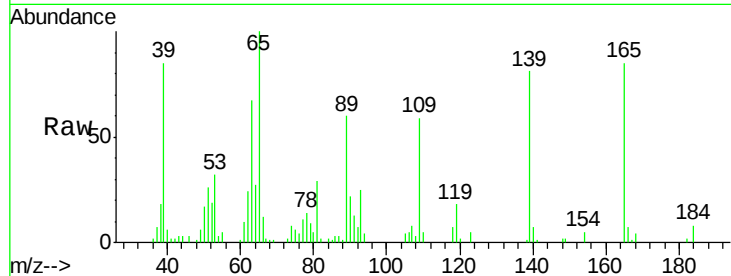
ClientSampleId :

SSTDICC050

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Tgt Ion:	139	Resp:	111271
Ion Ratio	Lower	Upper	
139	100		
109	73.0	42.0	82.0
65	123.0	89.2	129.2



#56

2,4-Dinitrotoluene

Concen: 53.41 ng

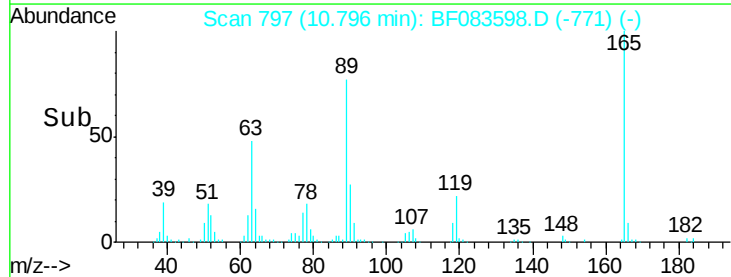
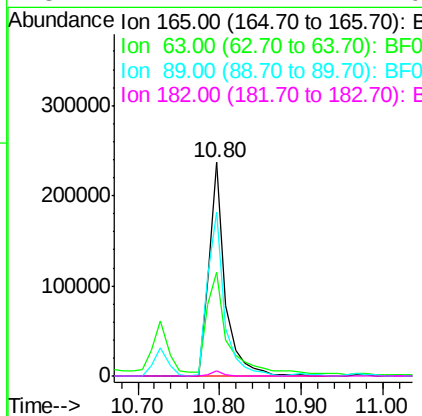
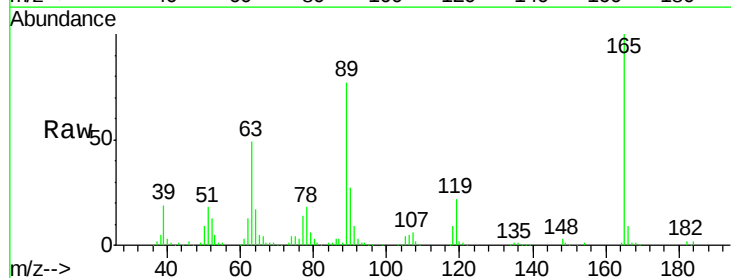
RT: 10.80 min Scan# 797

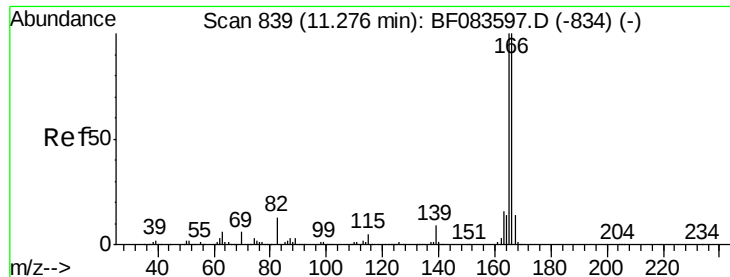
Delta R.T. 0.00 min

Lab File: BF083598.D

Acq: 8 Dec 2015 16:19

Tgt Ion:	165	Resp:	331077
Ion Ratio	Lower	Upper	
165	100		
63	48.7	51.4	77.2#
89	77.0	72.6	108.8
182	2.2	1.4	2.0#





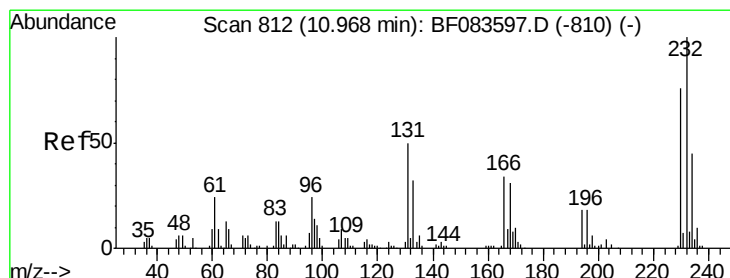
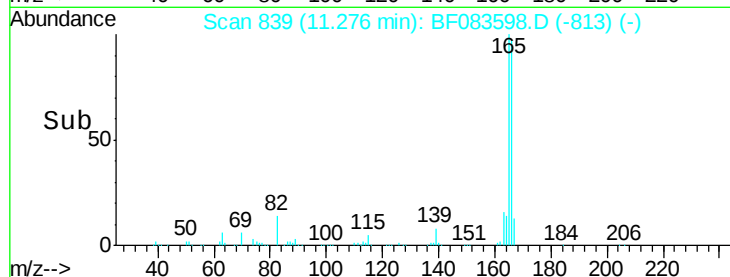
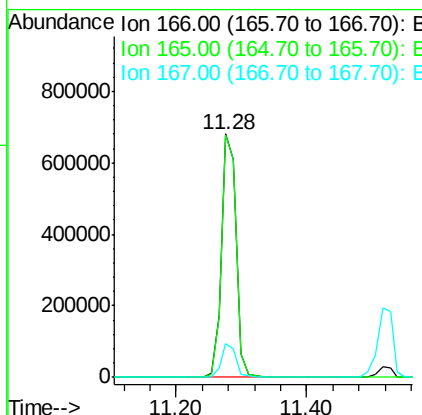
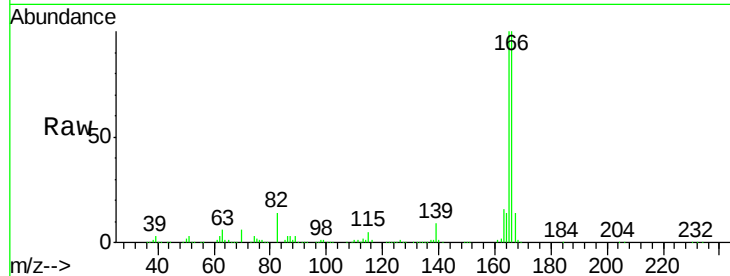
#57
 Fluorene
 Concen: 49.63 ng
 RT: 11.28 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF083598.D
 Acq: 8 Dec 2015 16:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:166 Resp: 1069090
 Ion Ratio Lower Upper
 166 100
 165 99.7 80.0 120.0
 167 14.1 10.6 16.0

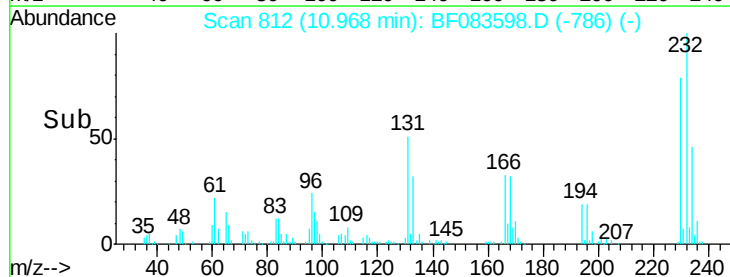
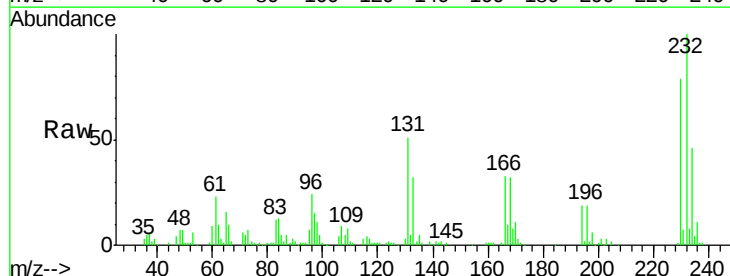
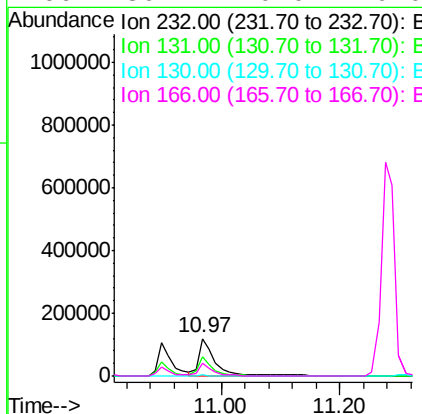
Manual Integrations
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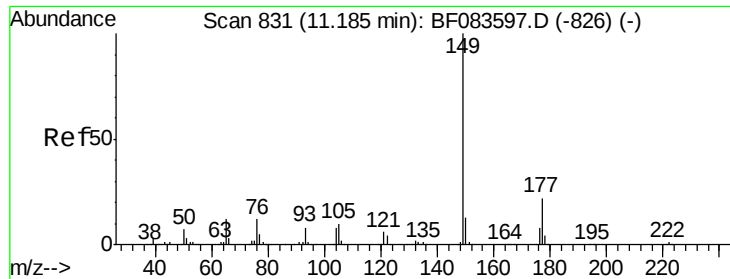
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.86 ng
 RT: 10.97 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF083598.D
 Acq: 8 Dec 2015 16:19

Tgt Ion:232 Resp: 229380
 Ion Ratio Lower Upper
 232 100
 131 46.6 0.0 0.0#
 130 2.2 0.0 0.0#
 166 30.1 0.0 0.0#





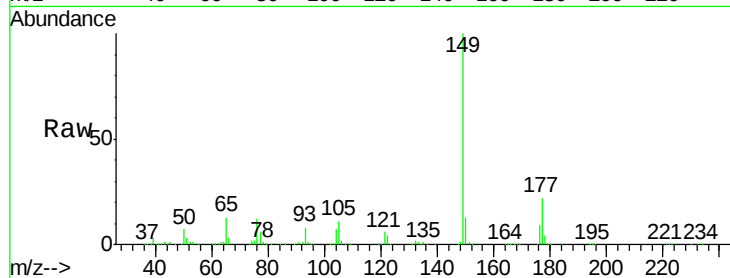
#59
Diethylphthalate
Concen: 52.11 ng
RT: 11.19 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF083598.D
Acq: 8 Dec 2015 16:19

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

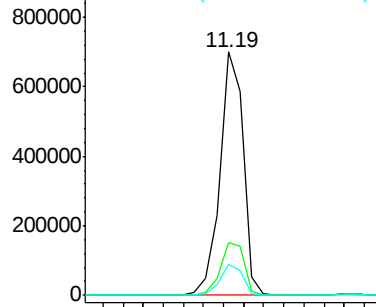
Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	16.9	25.3
150	12.9	10.2	15.4

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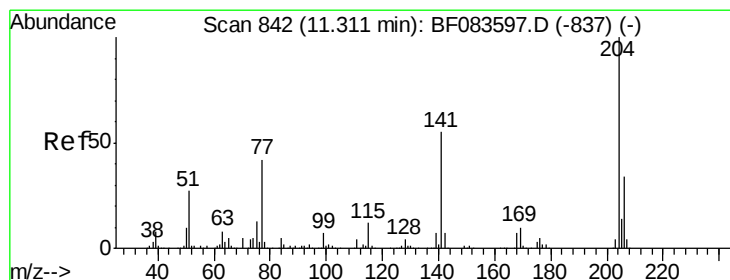
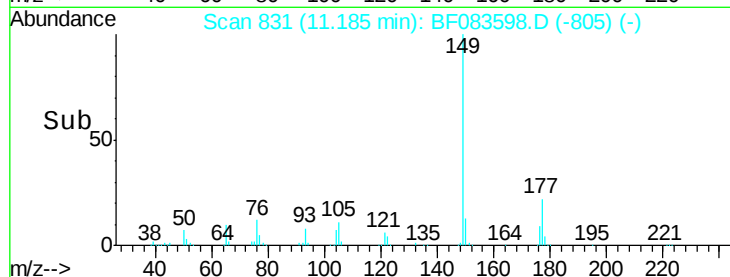
Mmdadoda
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

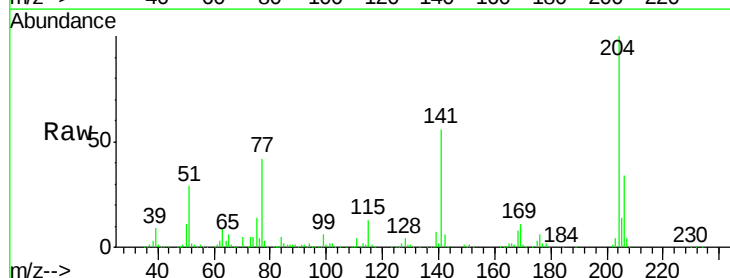


Time-->

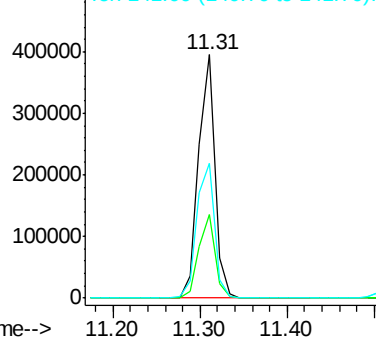


#60
4-Chlorophenyl-phenylether
Concen: 50.16 ng
RT: 11.31 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF083598.D
Acq: 8 Dec 2015 16:19

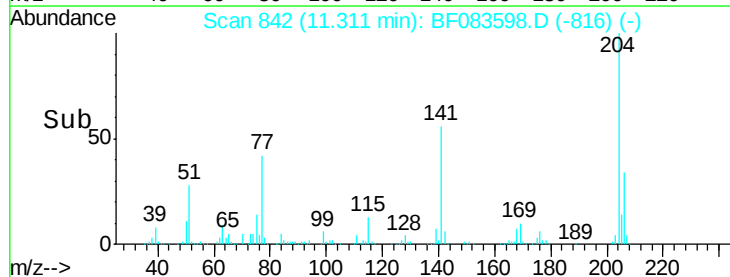
Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.3	27.3	40.9
141	55.5	51.9	77.9

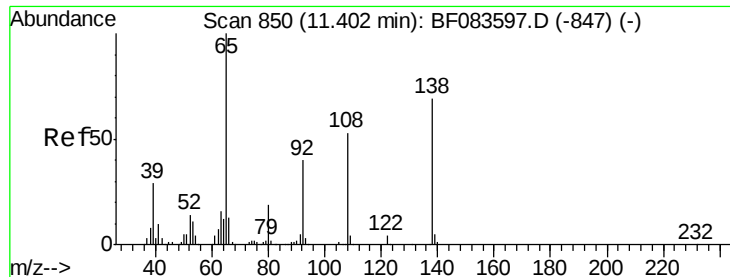


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->





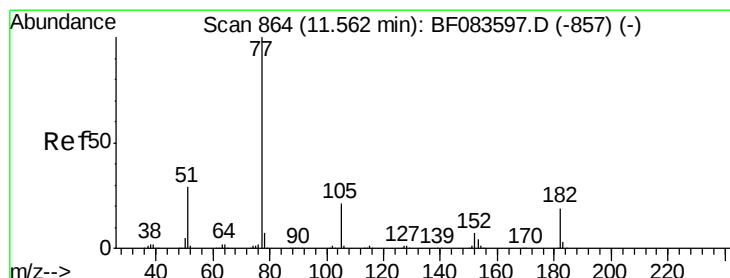
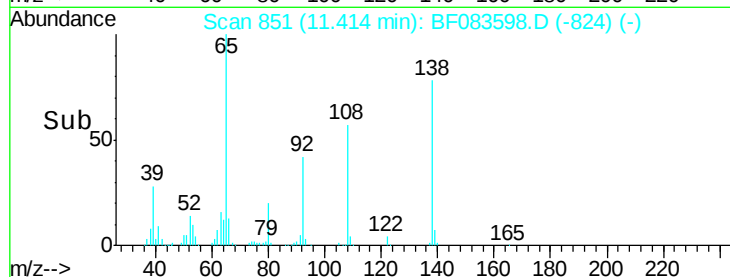
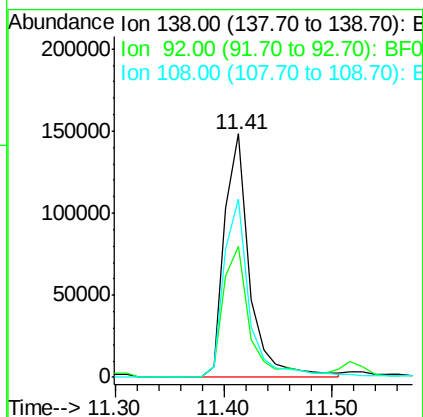
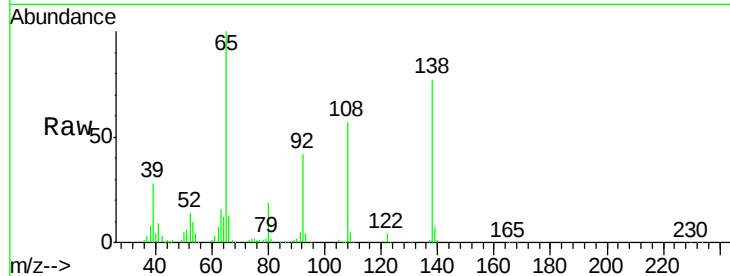
#61
4-Nitroaniline
Concen: 52.00 ng
RT: 11.41 min Scan# 851
Delta R.T. 0.01 min
Lab File: BF083598.D
Acq: 8 Dec 2015 16:19

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	239507		
92	53.7	29.0	69.0	
108	73.5	47.4	87.4	

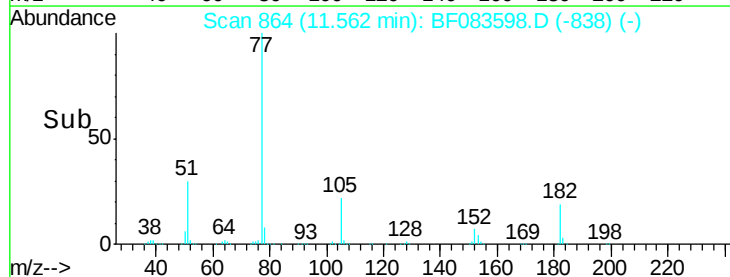
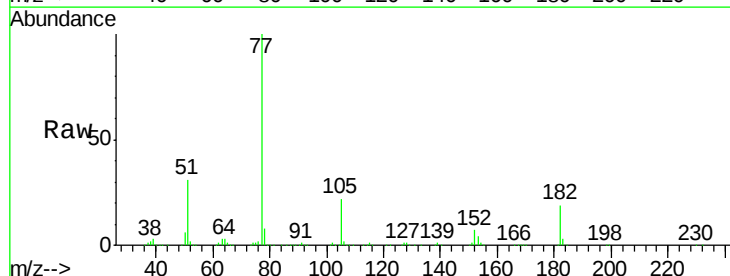
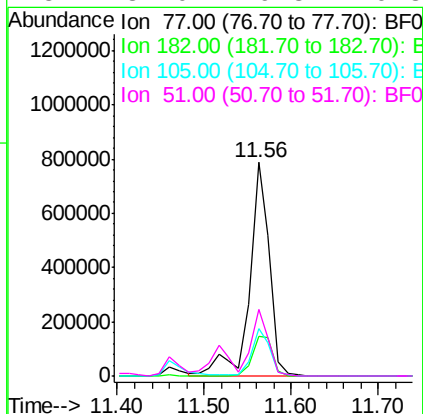
Manual Integrations
APPROVED

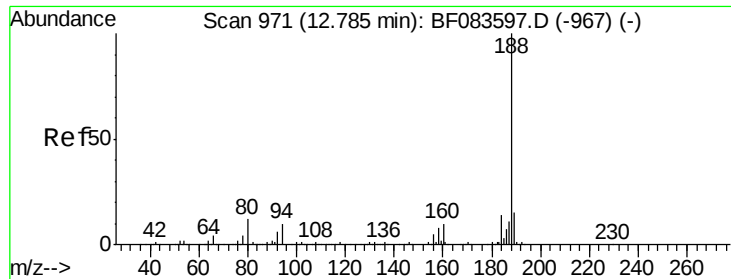
Mmdadoda
12/9/2015 6:13:15 PM



#62
Azobenzene
Concen: 54.12 ng
RT: 11.56 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF083598.D
Acq: 8 Dec 2015 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1260918		
182	18.7	2.5	42.5	
105	22.1	2.1	42.1	
51	31.0	9.3	49.3	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.79 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF083598.D

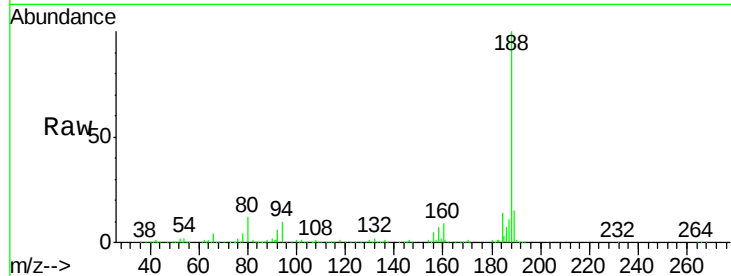
Acq: 8 Dec 2015 16:19

Instrument :

BNA_F

ClientSampleId :

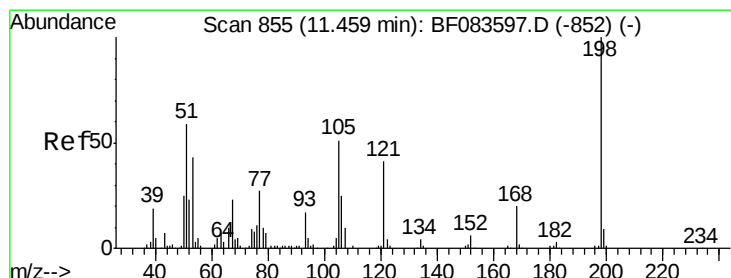
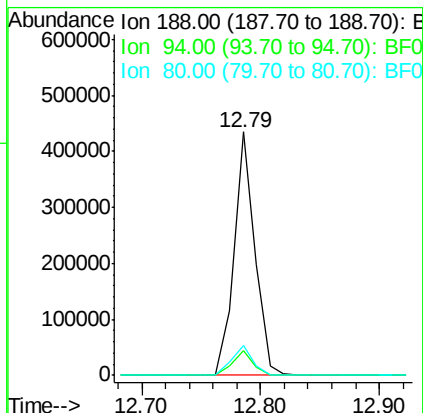
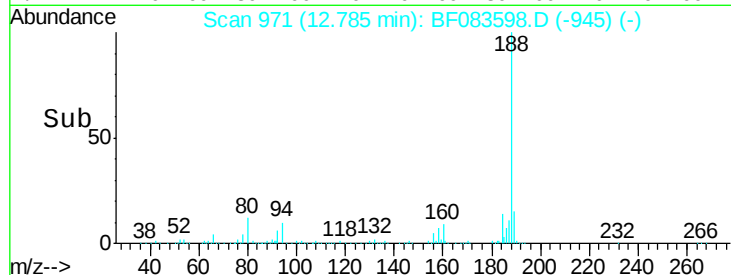
SSTDIC050



Tgt Ion	Ratio	Resp	Lower	Upper
188	100	529767		
94	10.4		9.4	14.2
80	12.1		10.6	16.0

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 55.47 ng

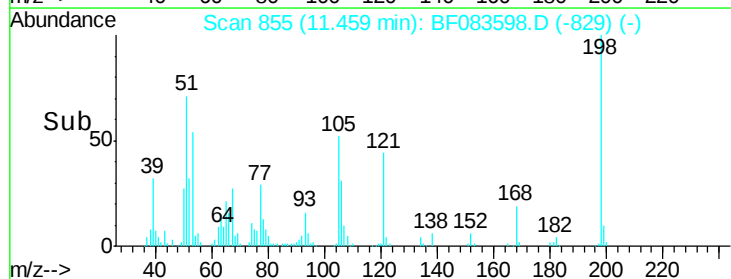
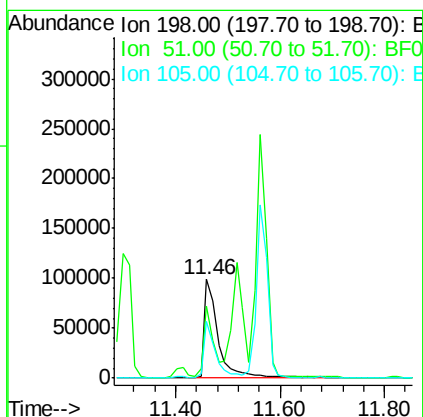
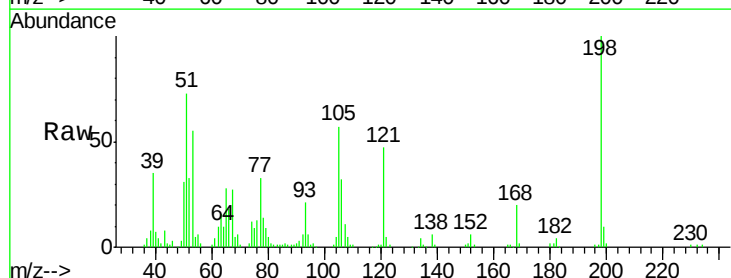
RT: 11.46 min Scan# 855

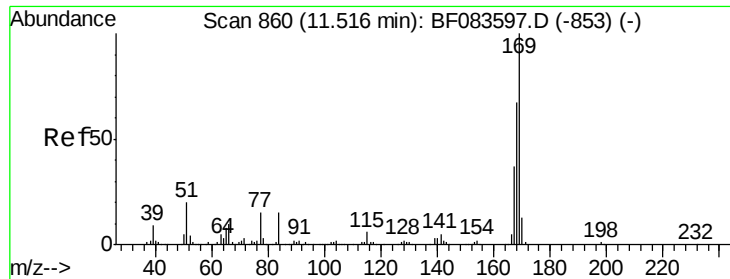
Delta R.T. 0.00 min

Lab File: BF083598.D

Acq: 8 Dec 2015 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	187315		
51	73.3		53.8	93.8
105	56.9		38.6	78.6





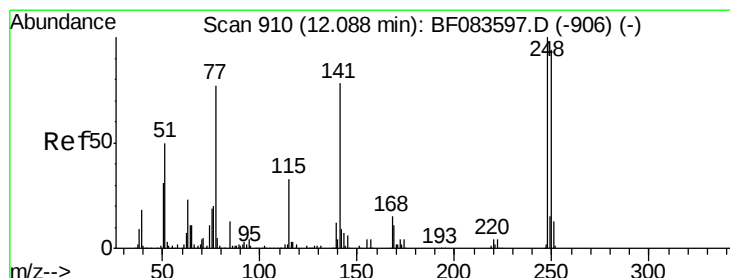
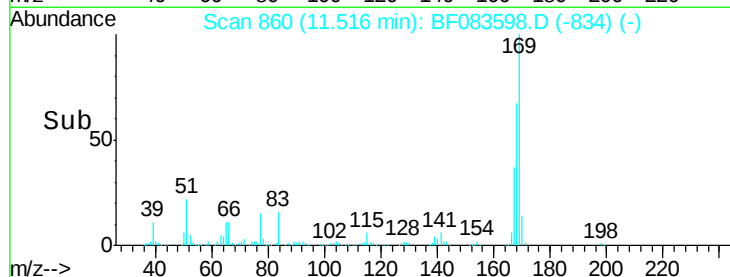
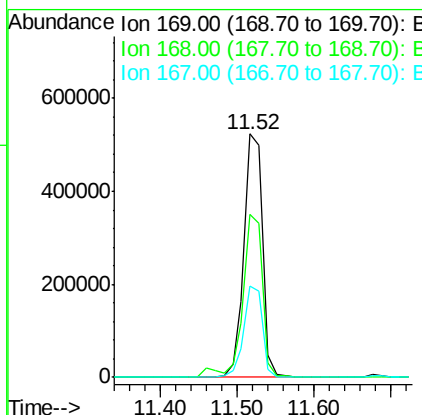
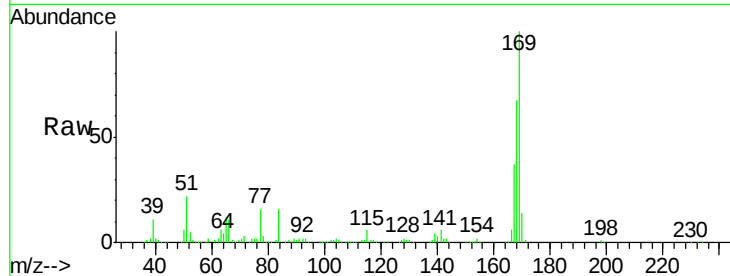
#65
n-Nitrosodiphenylamine
Concen: 50.17 ng
RT: 11.52 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF083598.D
Acq: 8 Dec 2015 16:19

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	878855		
168	67.2	53.0	79.6	
167	37.4	29.3	43.9	

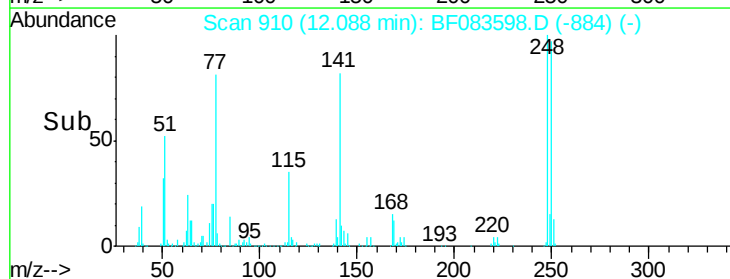
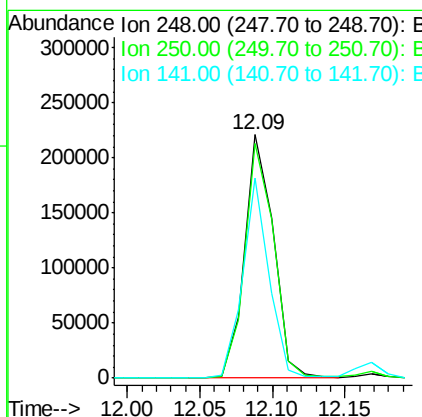
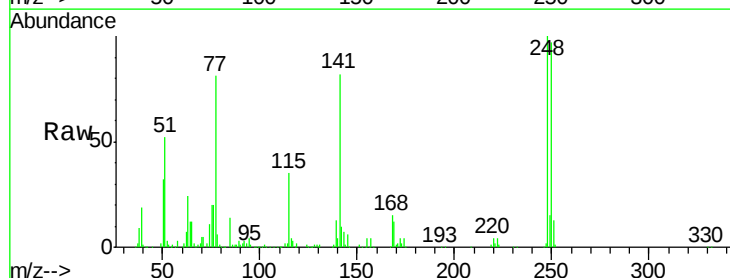
Manual Integrations
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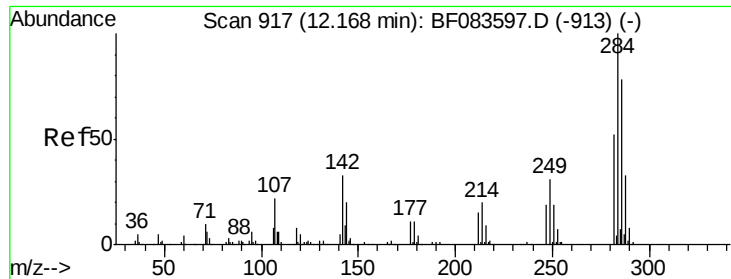
Mmdadoda
12/9/2015 6:13:15 PM



#66
4-Bromophenyl-phenylether
Concen: 52.55 ng
RT: 12.09 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF083598.D
Acq: 8 Dec 2015 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	305049		
250	96.6	79.2	118.8	
141	82.0	58.2	87.4	





#67

Hexachlorobenzene

Concen: 51.40 ng

RT: 12.17 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF083598.D

Acq: 8 Dec 2015 16:19

Instrument :

BNA_F

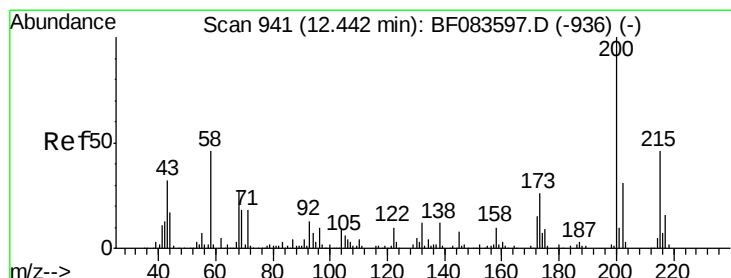
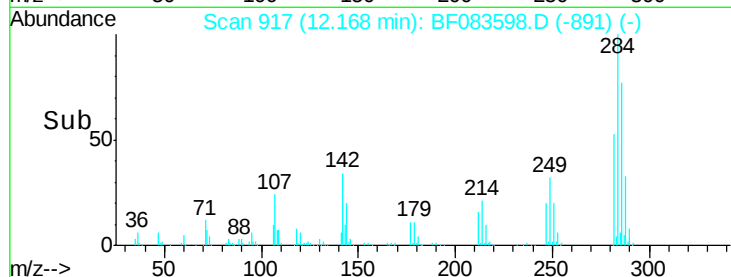
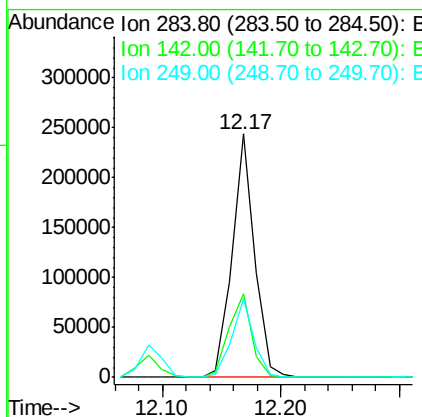
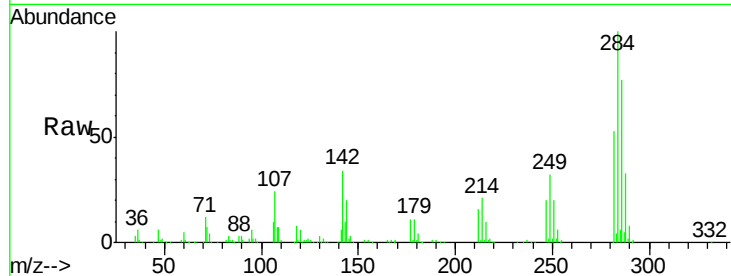
ClientSampleId :

SSTDIC050

Tgt Ion:	284	Resp:	318737
Ion Ratio		Lower	Upper
284	100		
142	34.5	31.0	46.4
249	32.5	26.9	40.3

Manual Integrations
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#68

Atrazine

Concen: 49.64 ng

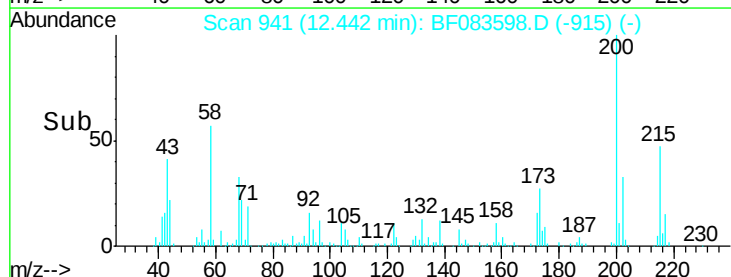
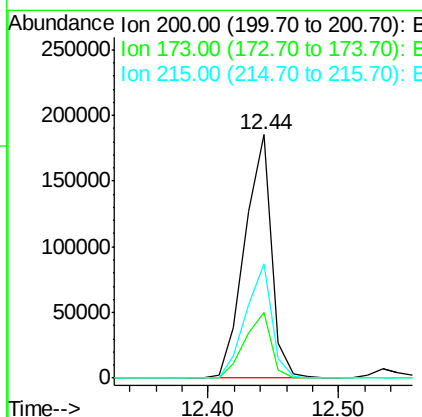
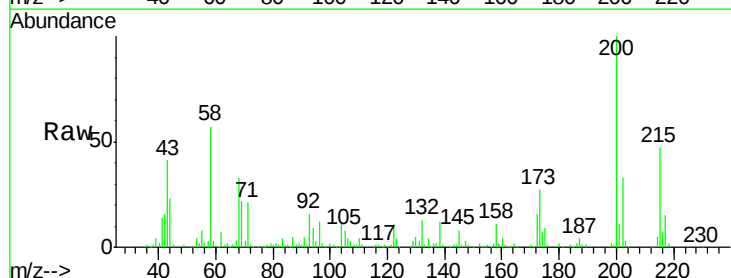
RT: 12.44 min Scan# 941

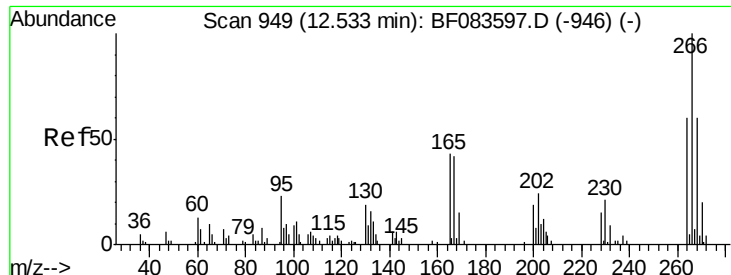
Delta R.T. 0.00 min

Lab File: BF083598.D

Acq: 8 Dec 2015 16:19

Tgt Ion:	200	Resp:	263392
Ion Ratio		Lower	Upper
200	100		
173	26.9	7.8	47.8
215	47.2	25.7	65.7





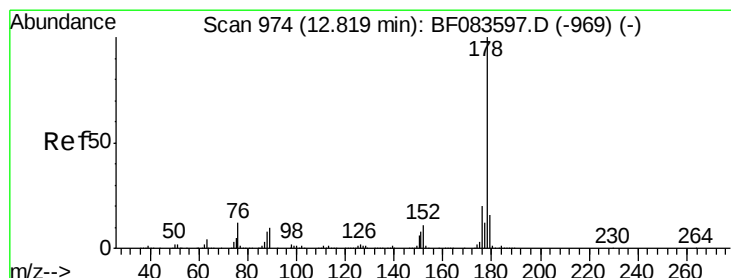
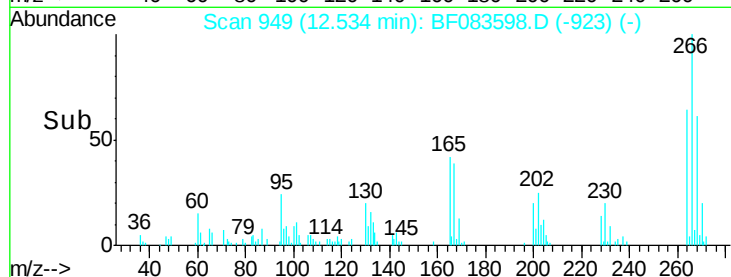
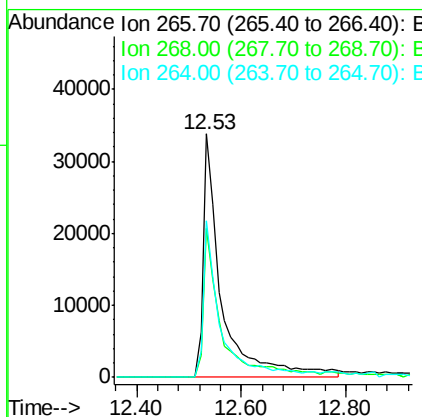
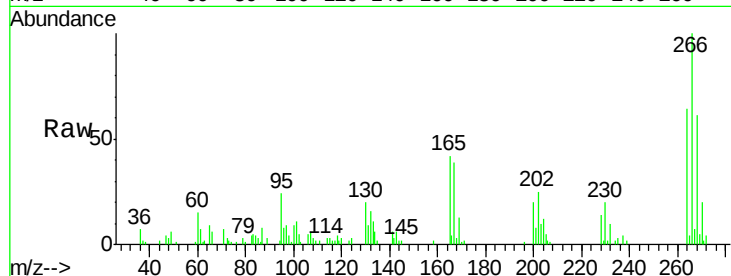
#69
 Pentachlorophenol
 Concen: 35.97 ng
 RT: 12.53 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BF083598.D
 Acq: 8 Dec 2015 16:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.0	50.2	75.2
264	64.4	51.4	77.2

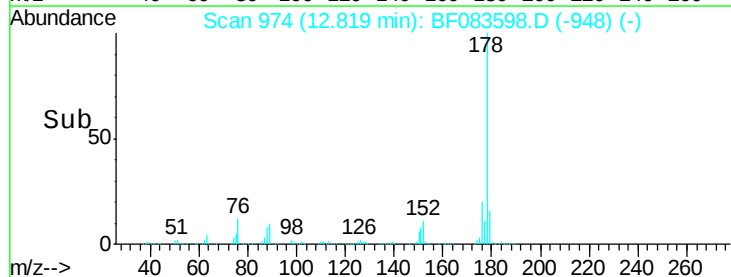
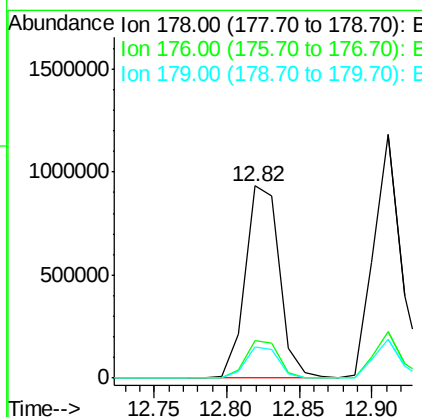
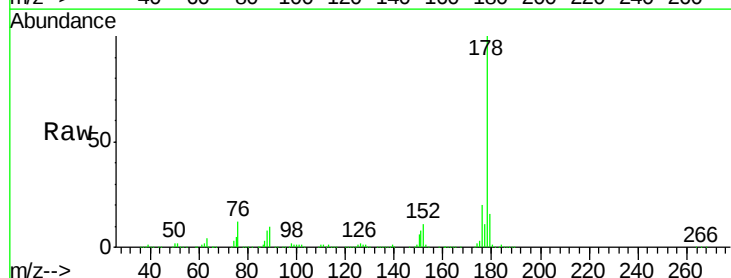
Manual Integrations
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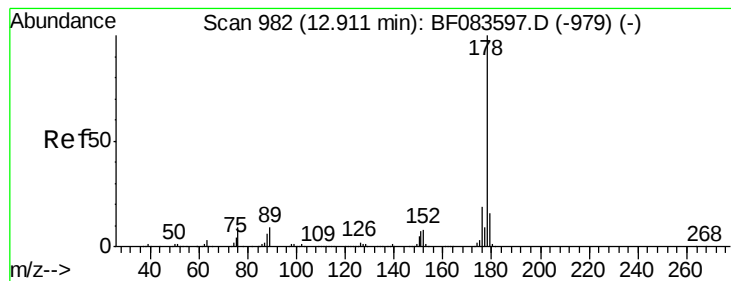
Mmdadoda
 12/9/2015 6:13:15 PM



#70
 Phenanthrene
 Concen: 49.45 ng
 RT: 12.82 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BF083598.D
 Acq: 8 Dec 2015 16:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.7	23.5
179	16.1	12.2	18.4





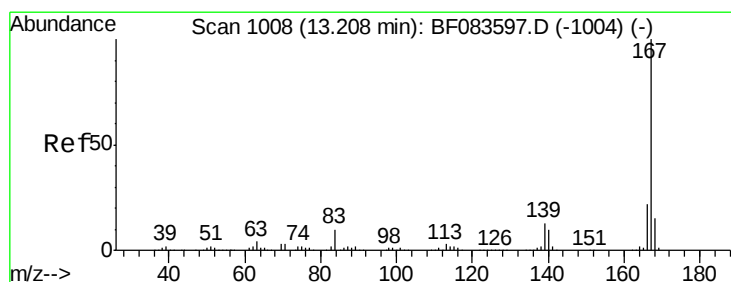
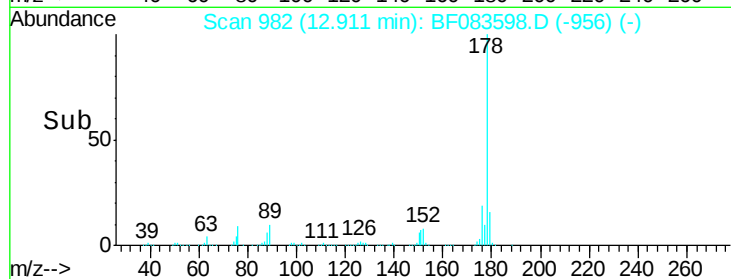
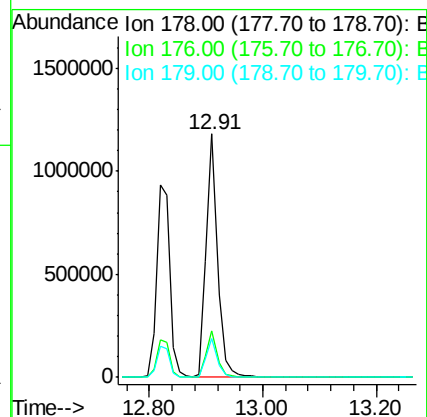
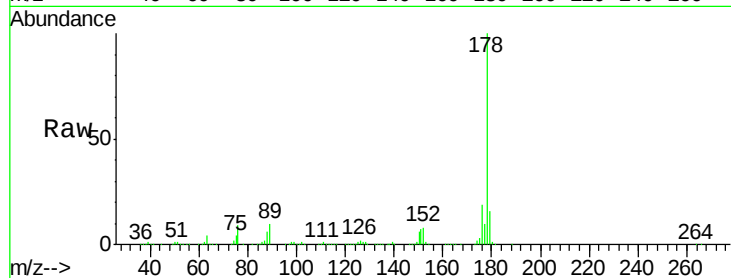
#71
 Anthracene
 Concen: 50.75 ng
 RT: 12.91 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: BF083598.D
 Acq: 8 Dec 2015 16:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:178 Resp: 1592902
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.2 22.8
 179 16.1 12.6 18.8

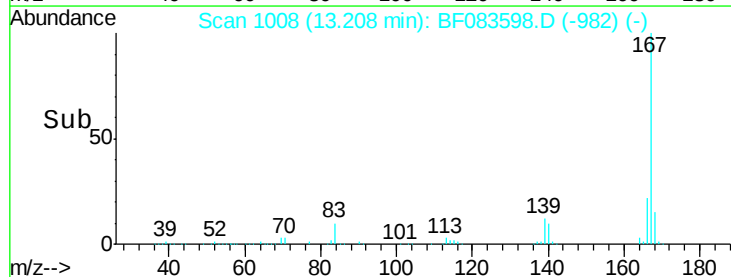
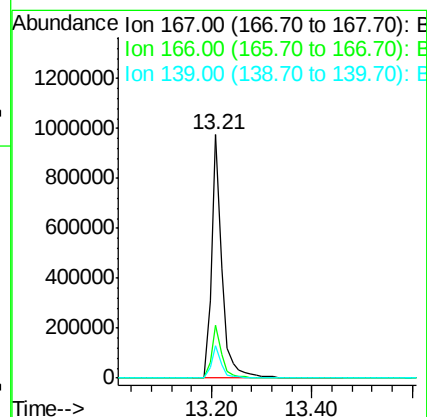
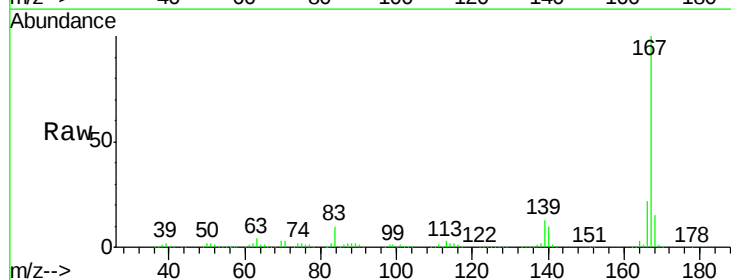
Manual Integrations
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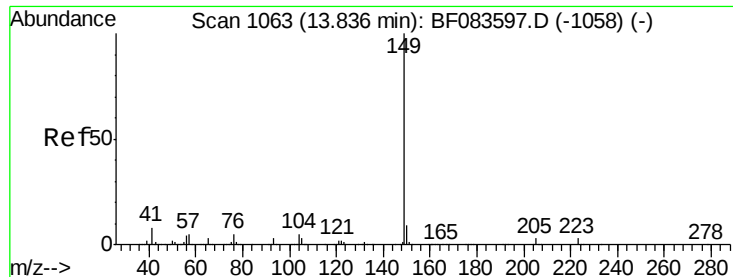
Mmdadoda
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#72
 Carbazole
 Concen: 51.69 ng
 RT: 13.21 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BF083598.D
 Acq: 8 Dec 2015 16:19

Tgt Ion:167 Resp: 1392569
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 13.1 9.3 13.9





#73

Di-n-butylphthalate

Concen: 53.18 ng

RT: 13.84 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BF083598.D

Acq: 8 Dec 2015 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:149 Resp: 1738383

Ion Ratio Lower Upper

149 100

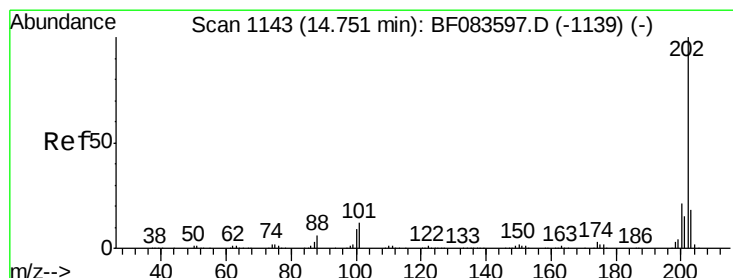
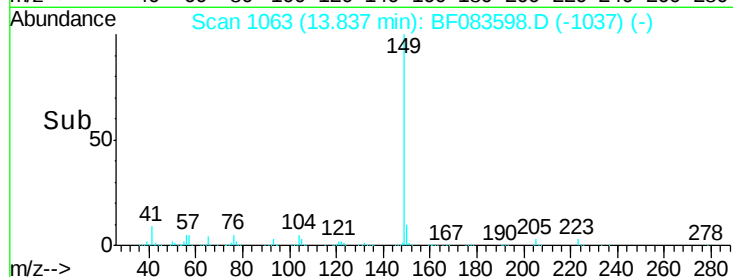
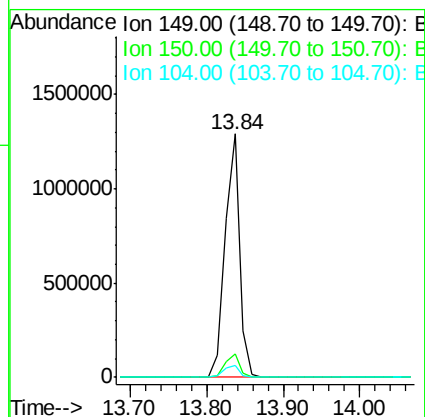
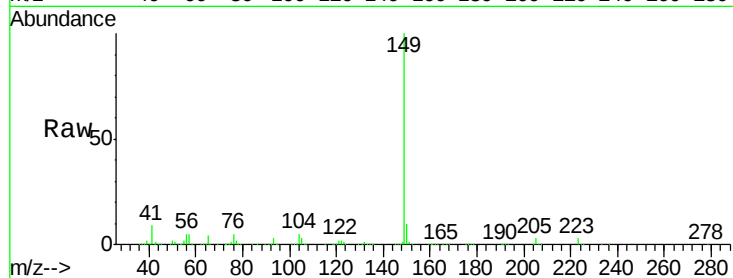
150 9.6 7.8 11.6

104 5.0 3.9 5.9

Manual Integrations
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12/9/2015 6:13:15 PM



#74

Fluoranthene

Concen: 51.15 ng

RT: 14.75 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BF083598.D

Acq: 8 Dec 2015 16:19

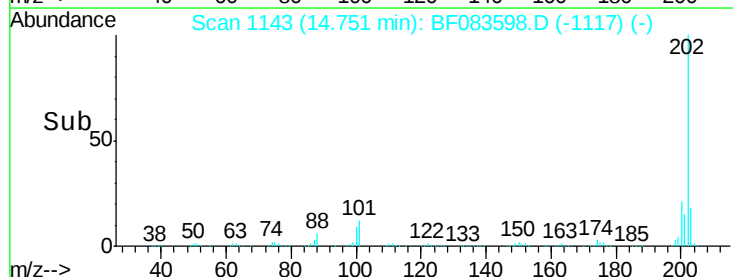
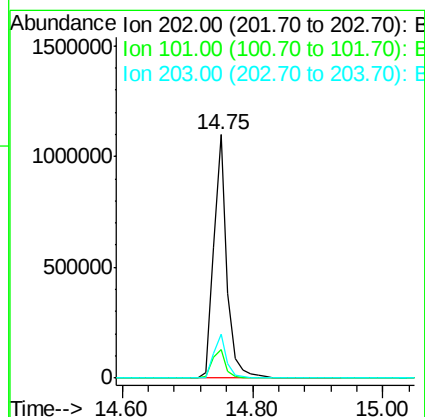
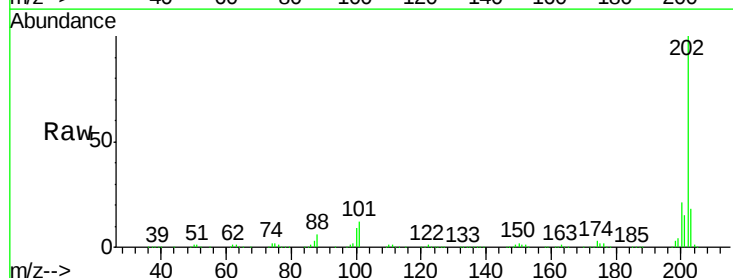
Tgt Ion:202 Resp: 1563469

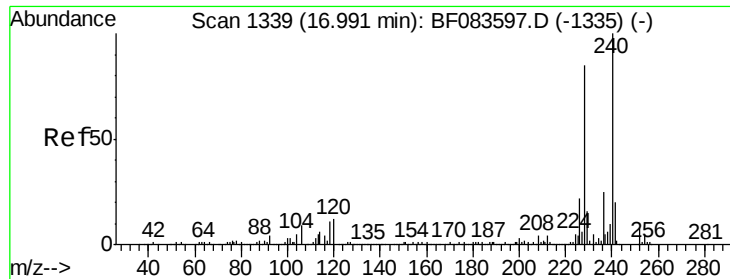
Ion Ratio Lower Upper

202 100

101 12.0 0.0 31.5

203 18.0 0.0 37.6





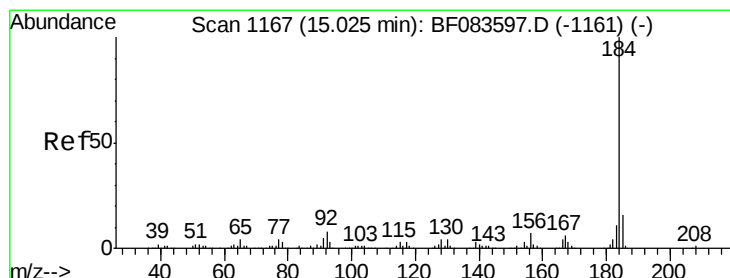
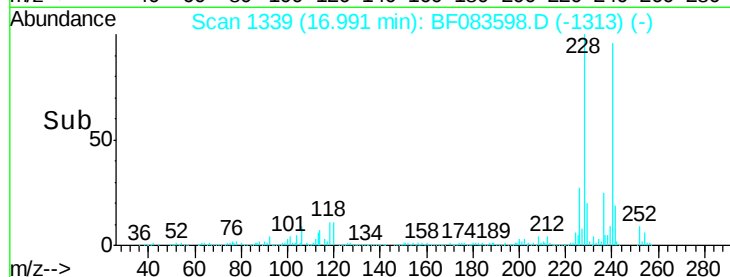
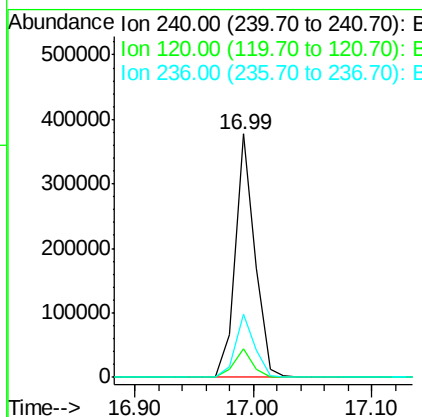
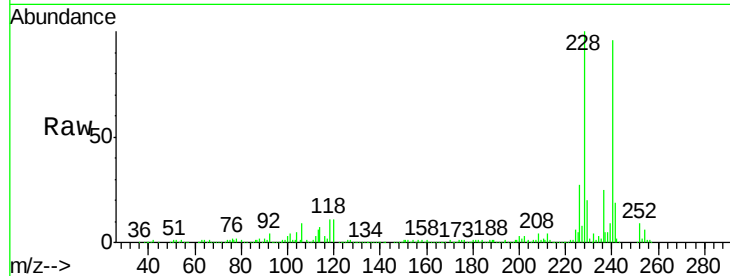
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.99 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF083598.D
Acq: 8 Dec 2015 16:19

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	433337		
120	11.9	8.1	12.1	
236	25.9	20.8	31.2	

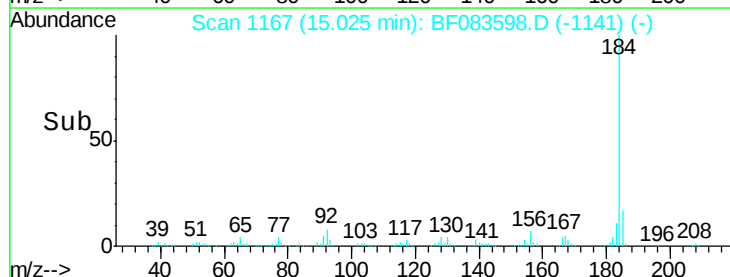
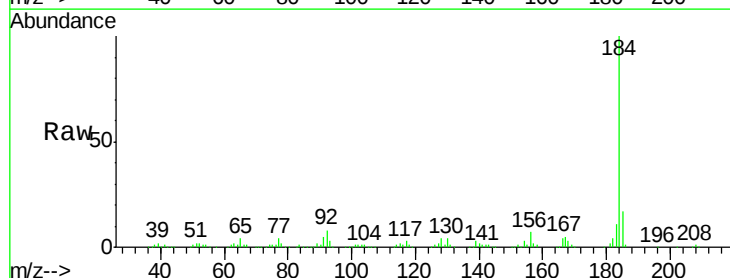
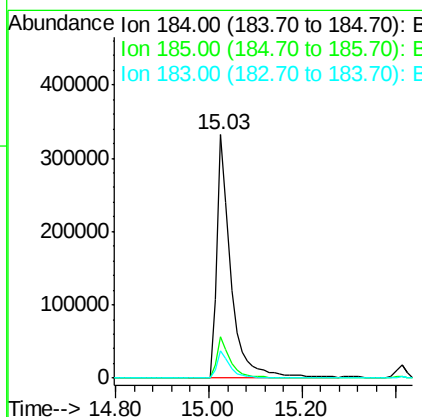
Manual Integrations
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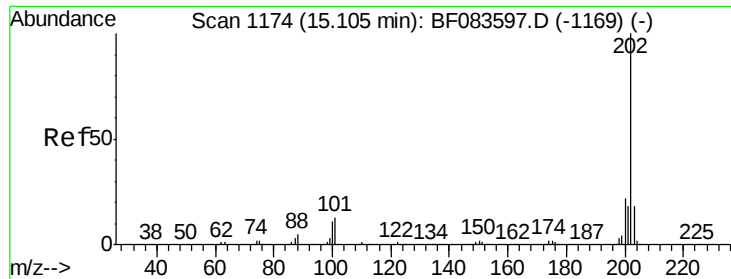
Mmdadoda
12/9/2015 6:13:15 PM



#76
Benzidine
Concen: 45.27 ng
RT: 15.03 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF083598.D
Acq: 8 Dec 2015 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	694429		
185	17.2	13.0	19.6	
183	11.3	9.0	13.4	





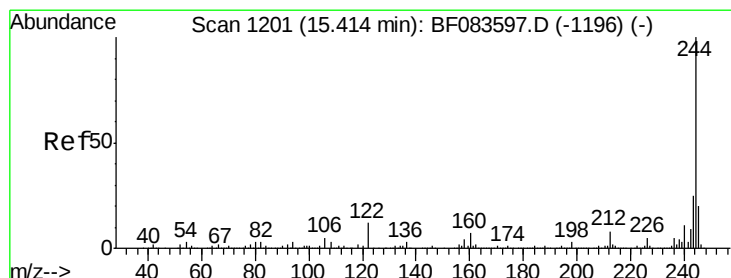
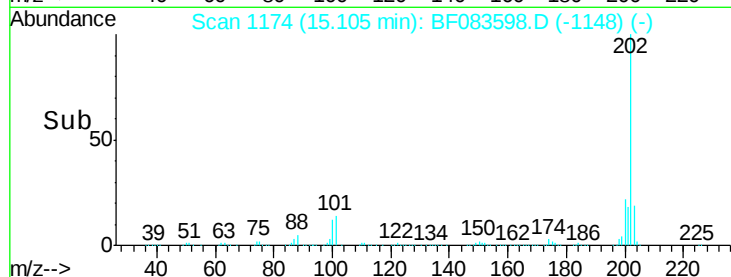
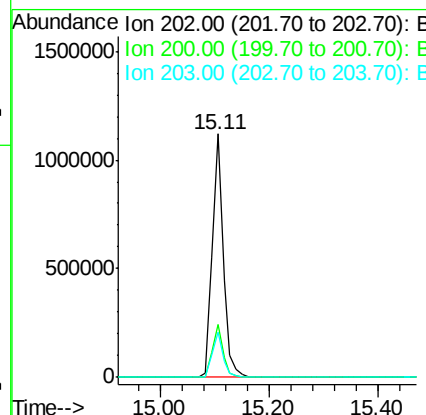
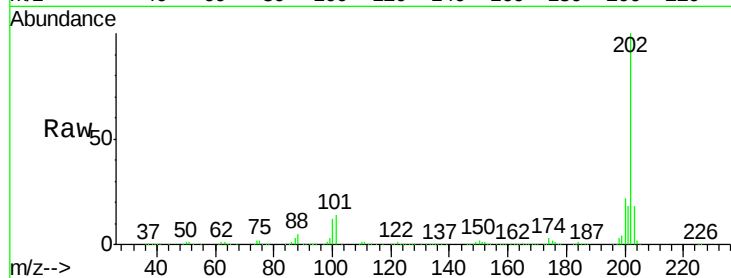
#77
 Pyrene
 Concen: 49.03 ng
 RT: 15.11 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF083598.D
 Acq: 8 Dec 2015 16:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.7	25.1
203	18.5	14.3	21.5

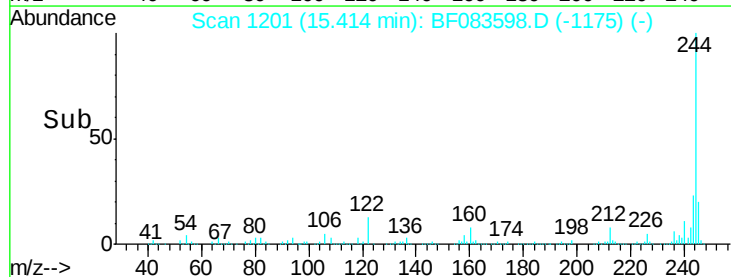
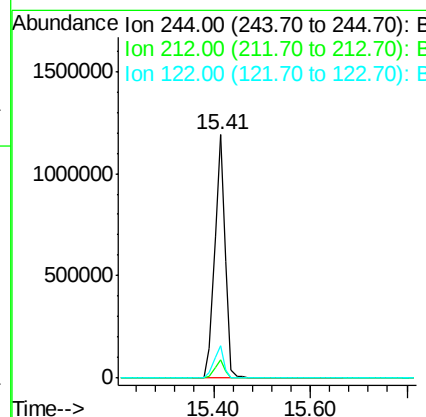
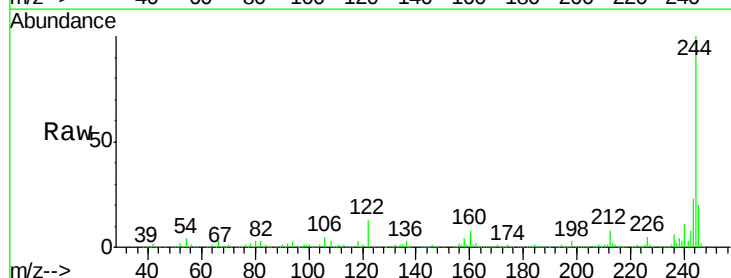
Manual Integrations
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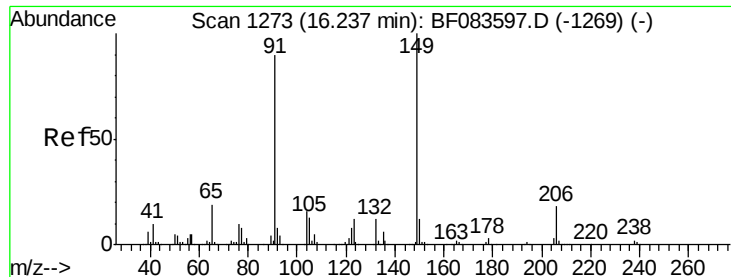
Mmdadoda
 12/9/2015 6:13:15 PM



#78
 Terphenyl-d14
 Concen: 95.54 ng
 RT: 15.41 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF083598.D
 Acq: 8 Dec 2015 16:19

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	13.3	11.0	16.6





#79

Butylbenzylphthalate

Concen: 57.84 ng

RT: 16.24 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BF083598.D

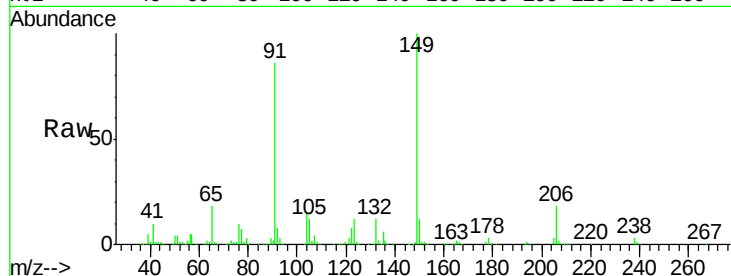
Acq: 8 Dec 2015 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC050



Tgt Ion:149 Resp: 742217

Ion Ratio Lower Upper

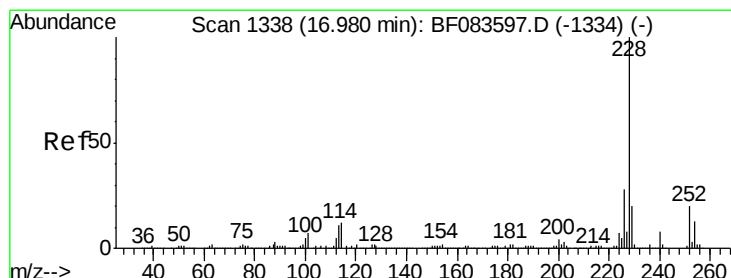
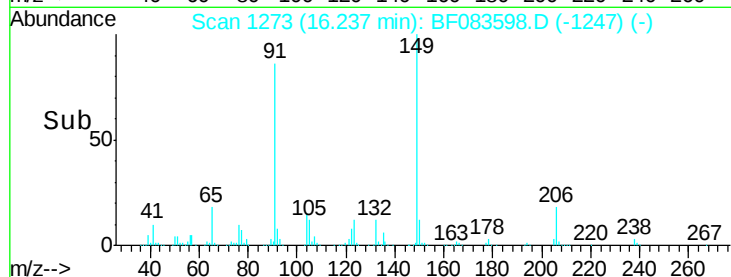
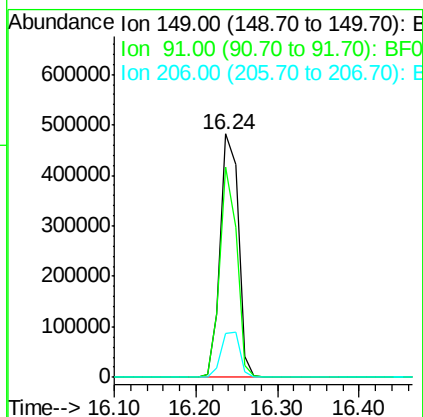
149 100

91 86.5 60.0 90.0

206 18.0 16.2 24.4

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 49.63 ng

RT: 16.98 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF083598.D

Acq: 8 Dec 2015 16:19

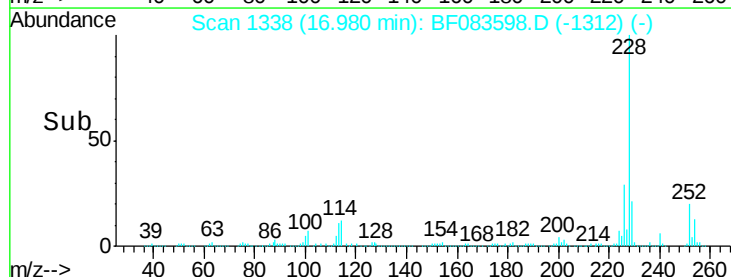
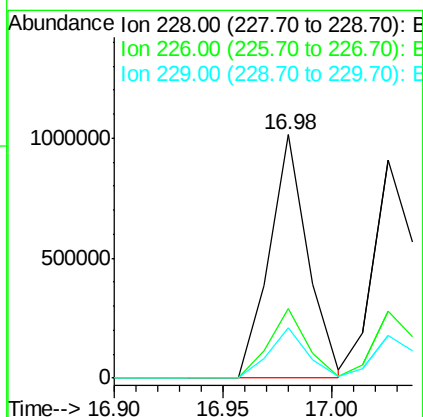
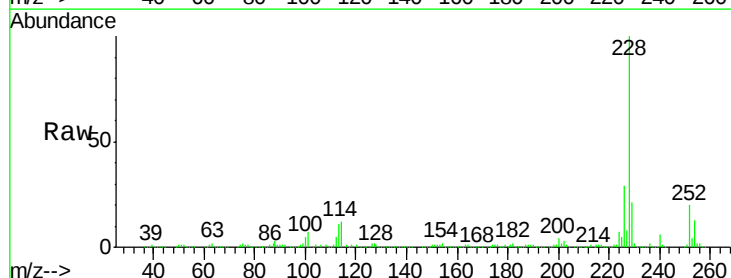
Tgt Ion:228 Resp: 1253849

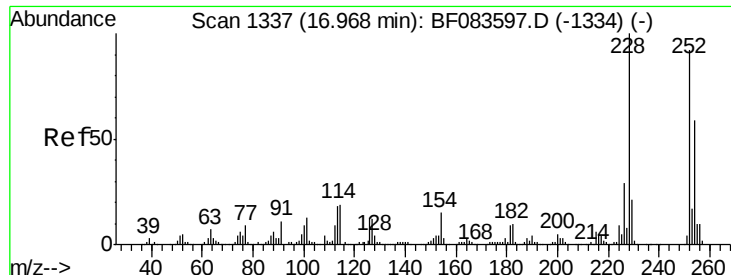
Ion Ratio Lower Upper

228 100

226 28.6 22.3 33.5

229 20.6 15.7 23.5





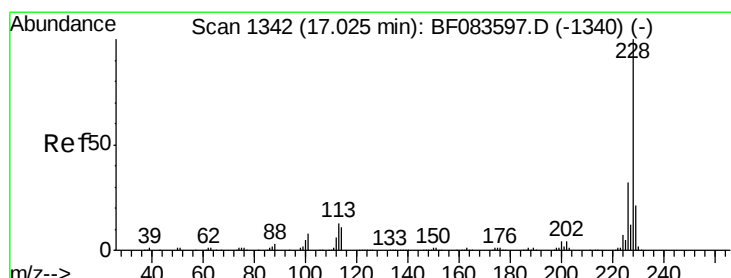
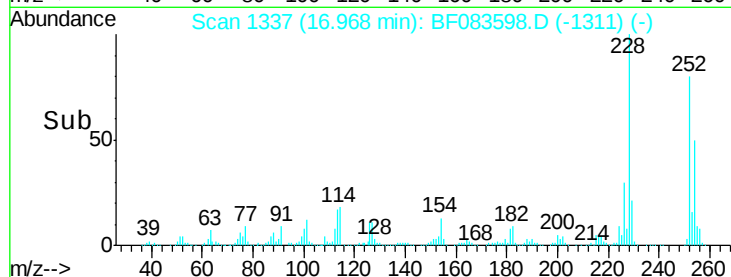
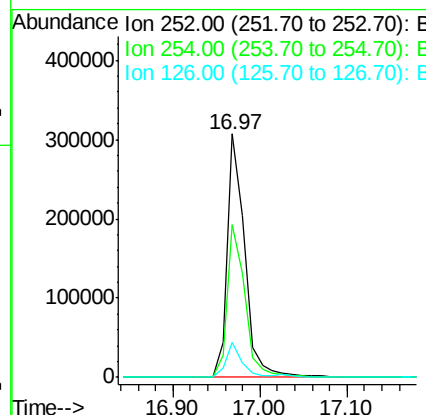
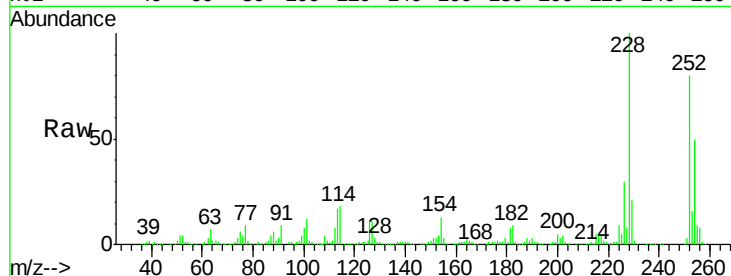
#81
 3,3'-Dichlorobenzidine
 Concen: 53.19 ng
 RT: 16.97 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: BF083598.D
 Acq: 8 Dec 2015 16:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	433829		
254	62.9	50.6	76.0	
126	14.2	11.0	16.4	

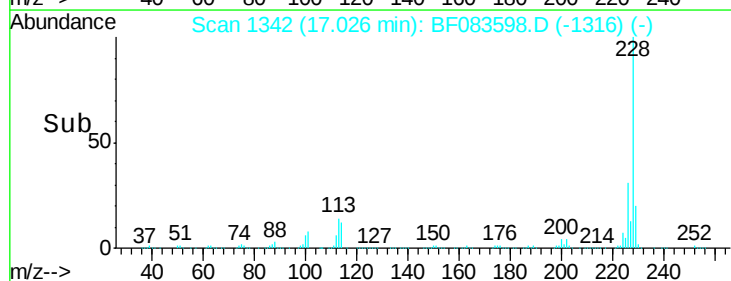
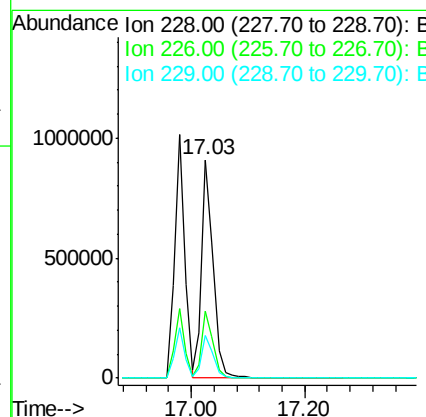
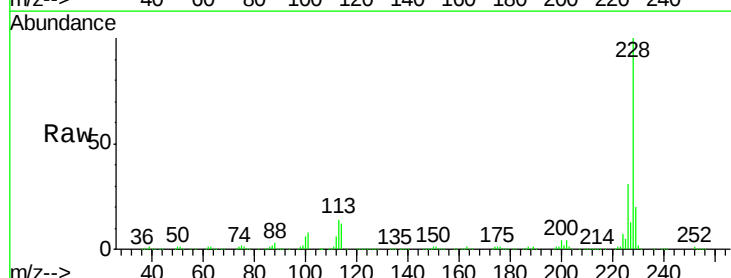
Manual Integrations
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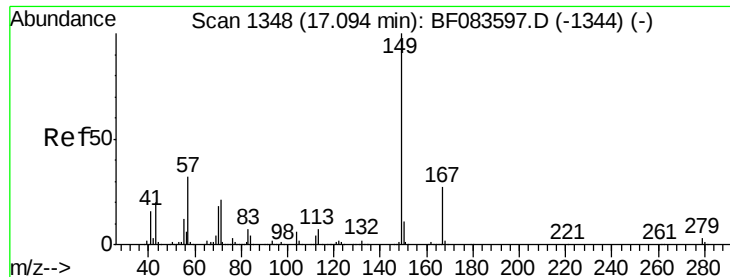
Mmdadoda
 12/9/2015 6:13:15 PM



#82
 Chrysene
 Concen: 50.05 ng
 RT: 17.03 min Scan# 1342
 Delta R.T. 0.00 min
 Lab File: BF083598.D
 Acq: 8 Dec 2015 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1263900		
226	30.8	24.7	37.1	
229	19.9	16.3	24.5	





#83

Bis(2-ethylhexyl)phthalate

Concen: 59.09 ng

RT: 17.09 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BF083598.D

Acq: 8 Dec 2015 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:149 Resp: 1009221

Ion Ratio Lower Upper

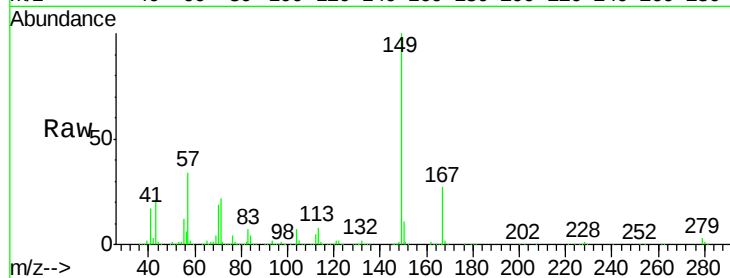
149 100

167 26.6 21.8 32.8

279 3.0 3.0 4.4

Manual Integrations
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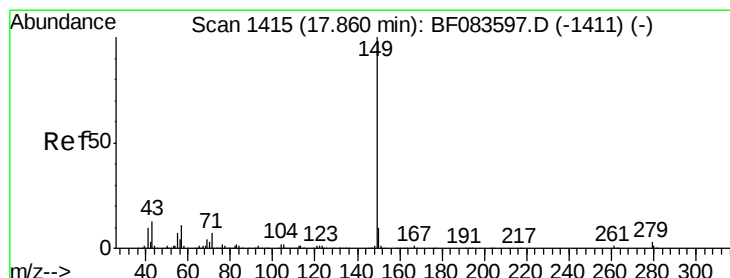
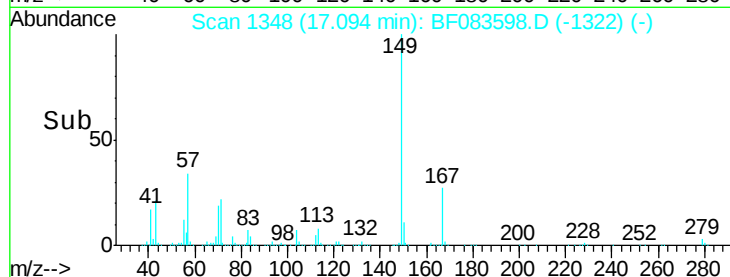
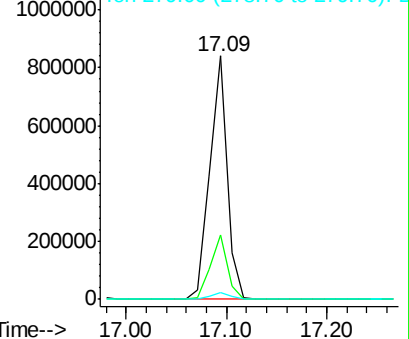
Mmdadoda
12/9/2015 6:13:15 PM



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: 62.15 ng

RT: 17.86 min Scan# 1415

Delta R.T. 0.00 min

Lab File: BF083598.D

Acq: 8 Dec 2015 16:19

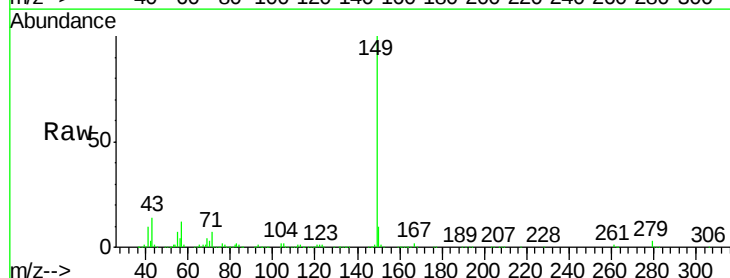
Tgt Ion:149 Resp: 1530215

Ion Ratio Lower Upper

149 100

167 1.6 0.0 0.0#

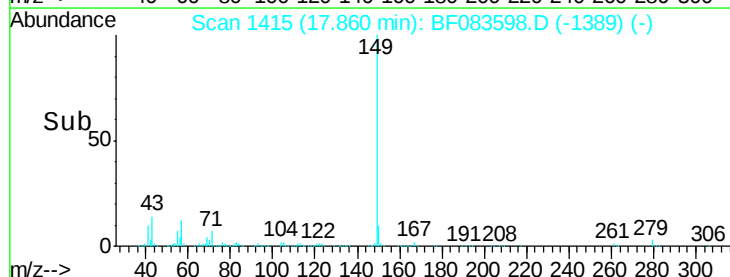
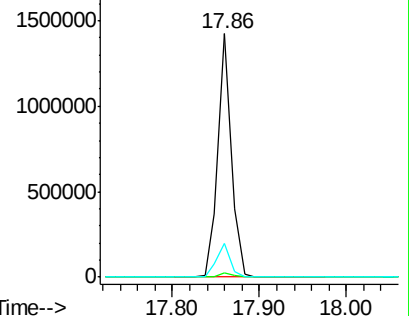
43 13.9 0.0 0.0#

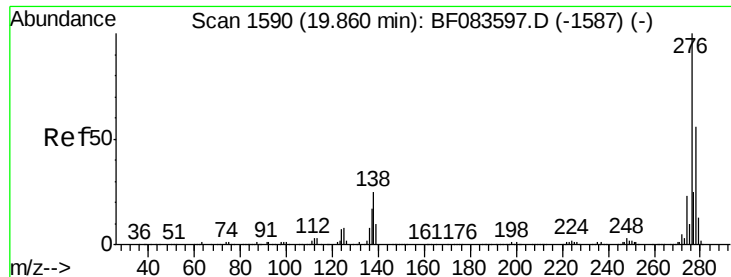


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





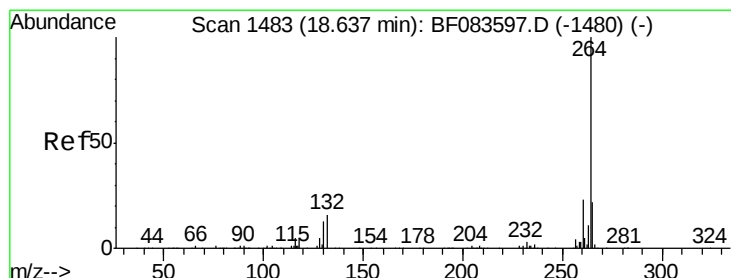
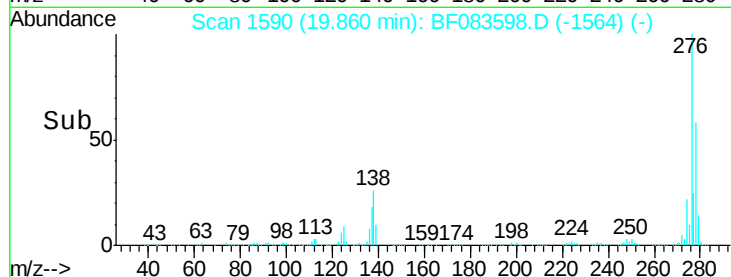
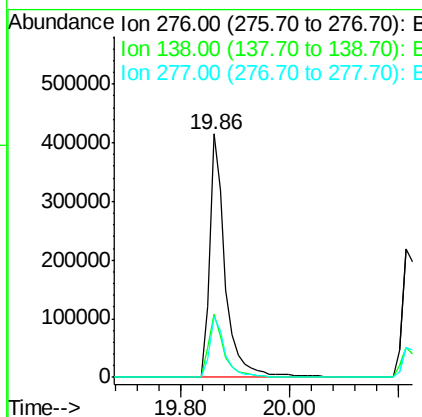
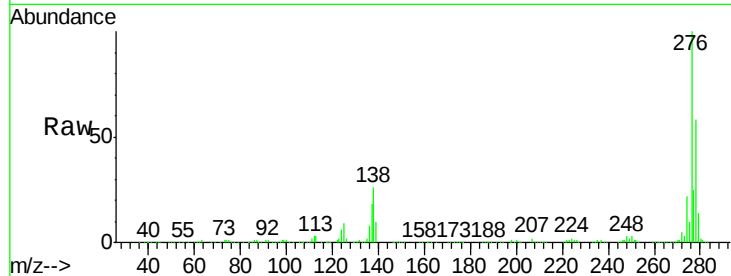
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.89 ng
 RT: 19.86 min Scan# 1590
 Delta R.T. 0.00 min
 Lab File: BF083598.D
 Acq: 8 Dec 2015 16:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	26.3	0.0	0.0#
277	25.0	0.0	0.0#

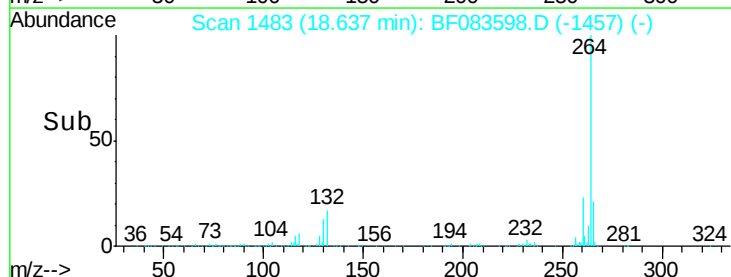
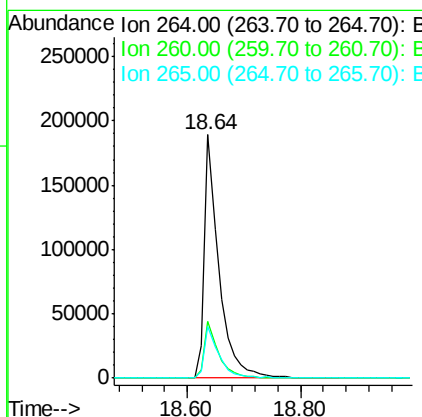
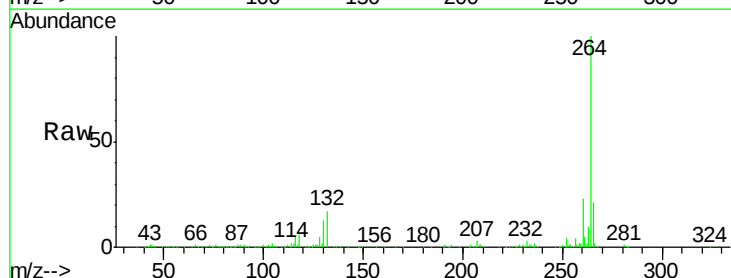
Manual Integrations
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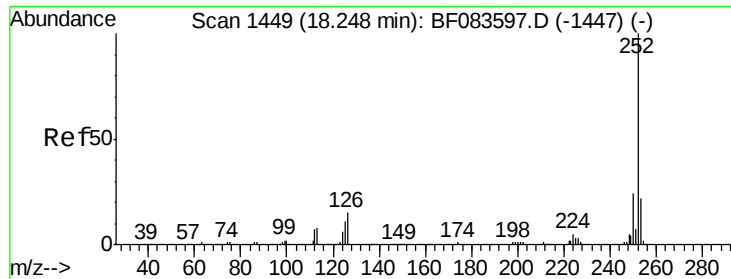
Mmdadoda
 12/9/2015 6:13:15 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BF083598.D
 Acq: 8 Dec 2015 16:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.1	19.4	29.0
265	21.3	17.8	26.6





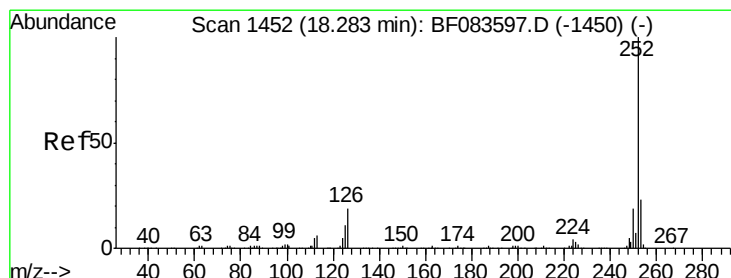
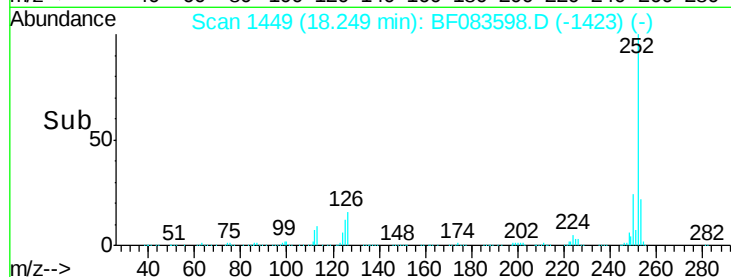
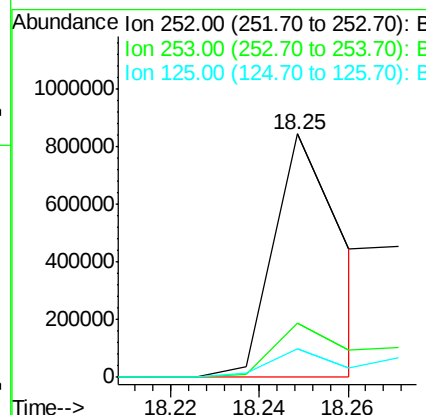
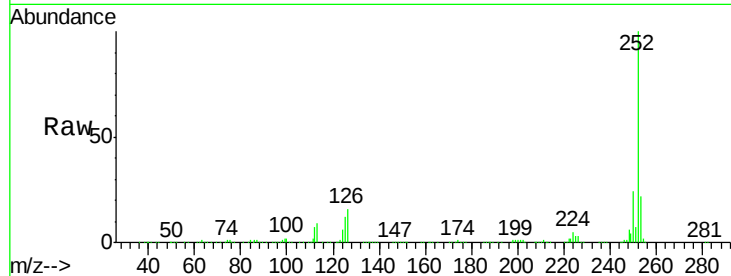
#87
Benzo(b)fluoranthene
Concen: 49.83 ng m
RT: 18.25 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF083598.D
Acq: 8 Dec 2015 16:19

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	12.0	8.2	12.4

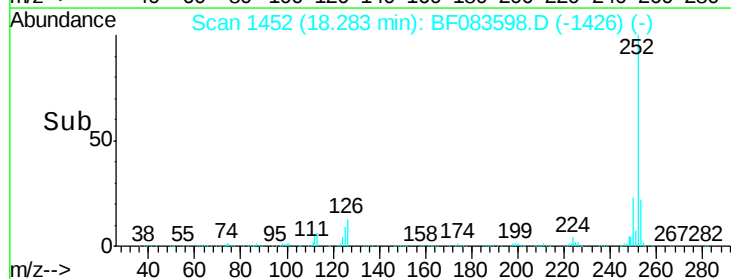
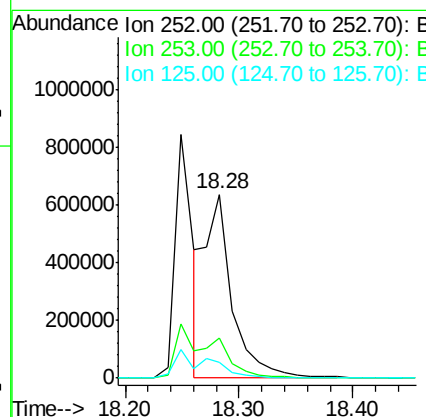
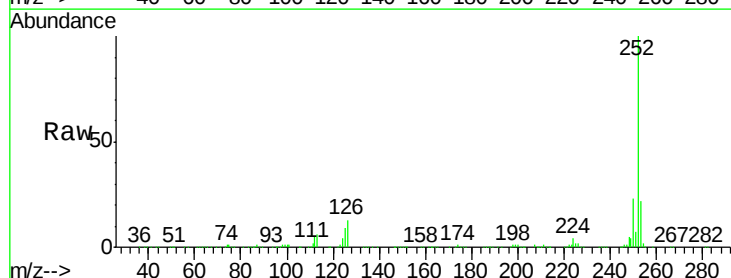
Manual Integrations
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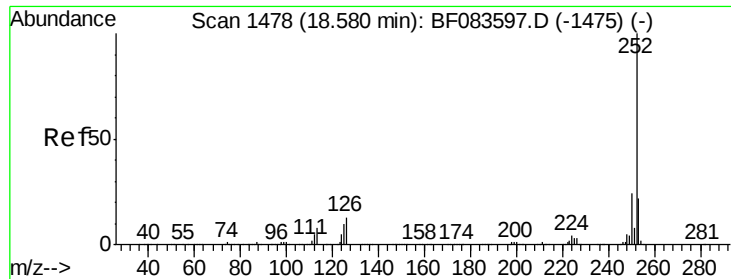
Mmdadoda
12/9/2015 6:13:15 PM



#88
Benzo(k)fluoranthene
Concen: 56.42 ng m
RT: 18.28 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BF083598.D
Acq: 8 Dec 2015 16:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.6	27.8
125	8.9	11.5	17.3





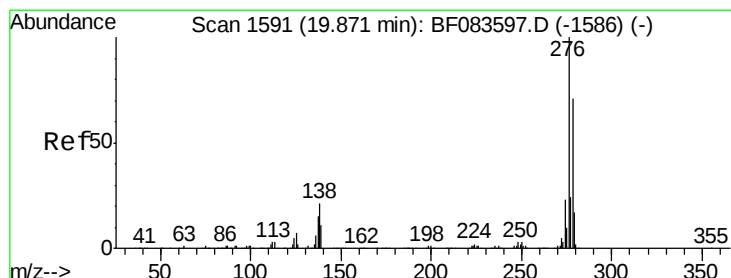
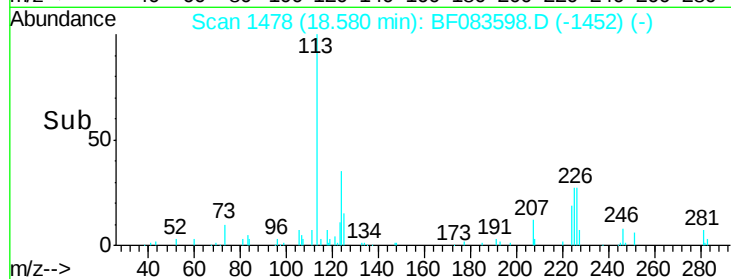
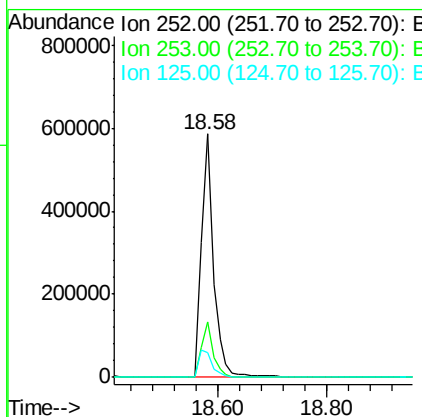
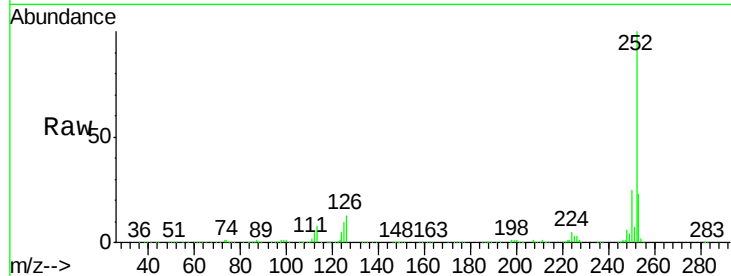
#89
Benzo(a)pyrene
Concen: 49.82 ng
RT: 18.58 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BF083598.D
Acq: 8 Dec 2015 16:19

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	10.0	11.0	16.6

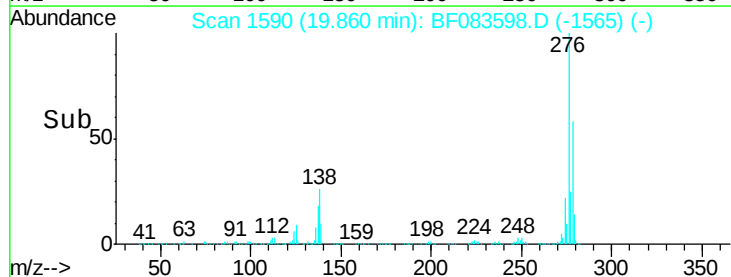
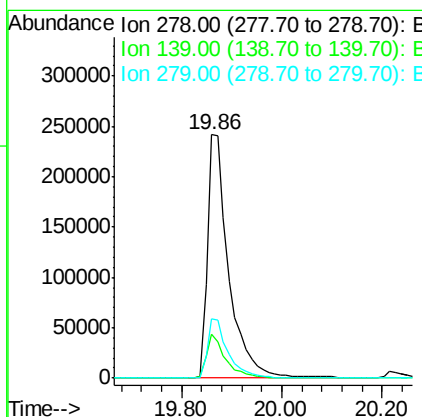
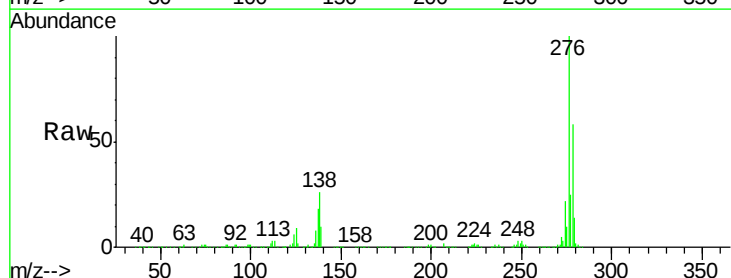
Manual Integrations
APPROVED

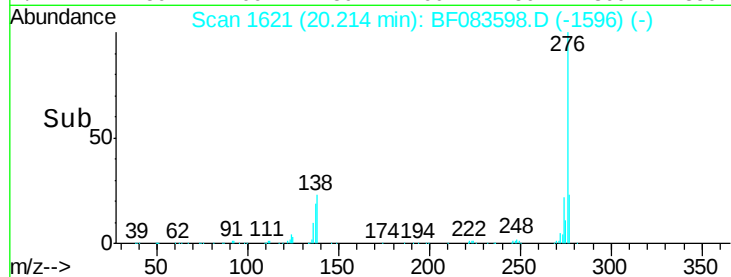
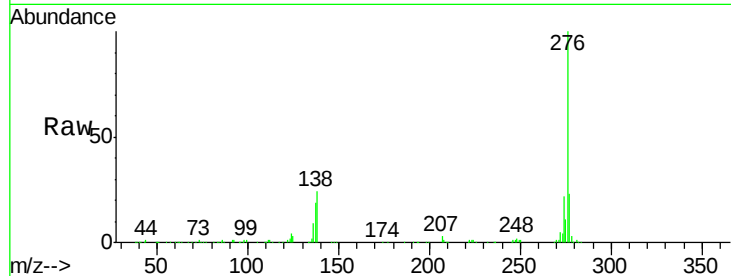
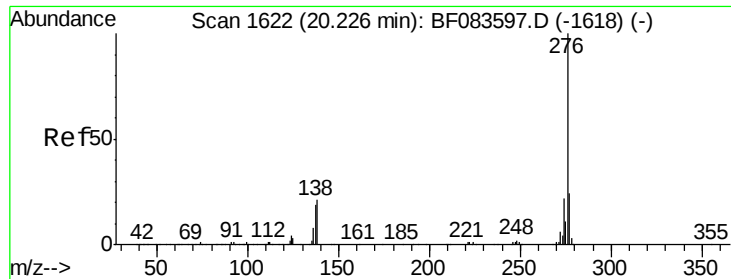
Mmdadoda
12/9/2015 6:13:15 PM



#90
Dibenzo(a,h)anthracene
Concen: 43.18 ng
RT: 19.86 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF083598.D
Acq: 8 Dec 2015 16:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.9	12.8	19.2
279	24.2	18.6	28.0





#91

Benzo(g,h,i)perylene

Concen: 41.33 ng

RT: 20.21 min Scan# 1621

Delta R.T. -0.01 min

Lab File: BF083598.D

Acq: 8 Dec 2015 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion:	276	Resp:	682792
Ion Ratio	Lower	Upper	
276	100		
277	23.4	19.2	28.8
138	23.8	19.5	29.3

Manual Integrations
APPROVED

Mmdadoda
12/9/2015 6:13:15 PM

