

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103015\
 Data File : BF082583.D
 Acq On : 30 Oct 2015 20:34
 Operator : UM/IZ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
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Quant Time: Oct 30 22:41:28 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 30 23:22:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	203580	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	750514	20.00	ng	0.01
38) Acenaphthene-d10	9.95	164	373075	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	738832	20.00	ng	0.00
75) Chrysene-d12	14.09	240	611407	20.00	ng	0.01
86) Perylene-d12	15.55	264	473028	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1284896	118.31	ng	0.00
7) Phenol-d6	6.53	99	1698232	120.99	ng	0.00
23) Nitrobenzene-d5	7.47	82	1747464	137.62	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	406460	137.67	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	2297306	95.34	ng	0.00
78) Terphenyl-d14	13.04	244	2760819	125.55	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	297883	55.60	ng	92
3) Pyridine	3.28	79	912295	70.64	ng	97
4) n-Nitrosodimethylamine	3.23	42	504757	83.43	ng	99
6) Aniline	6.57	93	1166659	64.36	ng	96
8) 2-Chlorophenol	6.69	128	735357	59.40	ng	92
9) Benzaldehyde	6.45	77	558844	73.21	ng	86
10) Phenol	6.54	94	916380	56.68	ng	90
11) bis(2-Chloroethyl)ether	6.65	93	768327	62.15	ng	86
12) 1,3-Dichlorobenzene	6.85	146	777842m	53.11	ng	
13) 1,4-Dichlorobenzene	6.92	146	732120	48.57	ng	99
14) 1,2-Dichlorobenzene	7.08	146	791636	55.38	ng	97
15) Benzyl Alcohol	7.05	79	731682	69.66	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	1181751	67.93	ng	95
17) 2-Methylphenol	7.16	107	580153	57.54	ng	96
18) Hexachloroethane	7.42	117	303676	57.78	ng	98
19) n-Nitroso-di-n-propylamine	7.33	70	641603	68.18	ng	94
20) 3+4-Methylphenols	7.32	107	807473	63.28	ng	# 81
22) Acetophenone	7.32	105	1073355	61.56	ng	# 84
24) Nitrobenzene	7.49	77	960336	68.89	ng	# 88
25) Isophorone	7.73	82	1621229	65.58	ng	97
26) 2-Nitrophenol	7.81	139	360577	56.75	ng	# 67
27) 2,4-Dimethylphenol	7.85	122	600130	55.80	ng	97
28) bis(2-Chloroethoxy)methane	7.95	93	977591	68.15	ng	98
29) 2,4-Dichlorophenol	8.05	162	612206	58.56	ng	94
30) 1,2,4-Trichlorobenzene	8.14	180	629082	53.43	ng	# 93
31) Naphthalene	8.22	128	1913845	54.47	ng	99
32) Benzoic acid	7.98	122	509081	79.36	ng	96
33) 4-Chloroaniline	8.26	127	776771	57.08	ng	99
34) Hexachlorobutadiene	8.35	225	409432	58.71	ng	97
35) Caprolactam	8.65	113	172491	58.15	ng	96
36) 4-Chloro-3-methylphenol	8.75	107	766567	74.18	ng	87
37) 2-Methylnaphthalene	8.91	142	1242170	51.76	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	680429	59.03	ng	99
40) Hexachlorocyclopentadiene	9.07	237	391477	125.59	ng	98

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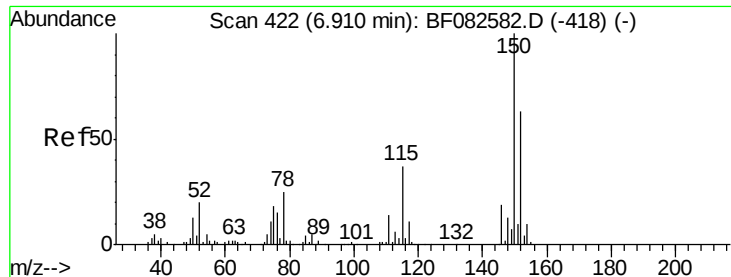
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	449912	60.68	nq	98
43) 2,4,5-Trichlorophenol	9.22	196	455007	61.14	nq	96
45) 1,1'-Biphenyl	9.38	154	1702037	59.77	nq	97
46) 2-Chloronaphthalene	9.40	162	1290416	57.47	nq	95
47) 2-Nitroaniline	9.49	65	542218	79.91	nq #	70
48) Acenaphthylene	9.81	152	1828124	50.83	nq	99
49) Dimethylphthalate	9.69	163	1540661	58.67	nq #	98
50) 2,6-Dinitrotoluene	9.73	165	293872	50.40	nq #	78
51) Acenaphthene	9.98	154	1205109	58.00	nq	99
52) 3-Nitroaniline	9.90	138	399082	63.80	nq	90
53) 2,4-Dinitrophenol	10.01	184	151924	68.99	nq #	9
54) Dibenzofuran	10.16	168	1640996	54.98	nq	98
55) 4-Nitrophenol	10.05	139	268611	96.56	nq #	70
56) 2,4-Dinitrotoluene	10.13	165	409754	56.10	nq #	85
57) Fluorene	10.50	166	1278896	51.98	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.27	232	369796	63.20	nq	96
59) Diethylphthalate	10.38	149	1611067	61.48	nq	99
60) 4-Chlorophenyl-phenylether	10.50	204	707950	59.93	nq	93
61) 4-Nitroaniline	10.52	138	380164	61.53	nq	97
62) Azobenzene	10.66	77	1923362	72.64	nq	93
64) 4,6-Dinitro-2-methylphenol	10.54	198	231366	51.81	nq #	52
65) n-Nitrosodiphenylamine	10.61	169	1156264	49.89	nq	100
66) 4-Bromophenyl-phenylether	10.99	248	439565	61.52	nq #	92
67) Hexachlorobenzene	11.06	284	473931	62.85	nq #	59
68) Atrazine	11.14	200	407082	58.11	nq	99
69) Pentachlorophenol	11.24	266	336705	105.33	nq	99
70) Phenanthrene	11.46	178	1943030	50.19	nq	99
71) Anthracene	11.52	178	2095012	53.41	nq	99
72) Carbazole	11.66	167	1692276	48.85	nq	99
73) Di-n-butylphthalate	12.01	149	2190713	52.13	nq	99
74) Fluoranthene	12.65	202	2056539	51.84	nq	99
76) Benzidine	12.77	184	1444616	76.79	nq	96
77) Pyrene	12.88	202	2076283	53.05	nq	99
79) Butylbenzylphthalate	13.51	149	943364	56.10	nq	90
80) Benzo(a)anthracene	14.08	228	1880629	55.06	nq	99
81) 3,3'-Dichlorobenzidine	14.04	252	675274	58.01	nq #	96
82) Chrysene	14.11	228	1609824	49.16	nq	98
83) Bis(2-ethylhexyl)phthalate	14.08	149	1285473	57.52	nq	98
84) Di-n-octyl phthalate	14.71	149	2019882	55.27	nq	99
85) Indeno(1,2,3-cd)pyrene	16.99	276	1389712	48.00	nq	100
87) Benzo(b)fluoranthene	15.13	252	1727592	60.52	nq #	99
88) Benzo(k)fluoranthene	15.16	252	1072581m	45.12	nq	
89) Benzo(a)pyrene	15.49	252	1262481	51.18	nq	98
90) Dibenzo(a,h)anthracene	17.01	278	1164438	55.58	nq	99
91) Benzo(g,h,i)perylene	17.43	276	1114246	53.85	nq	99

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



#1

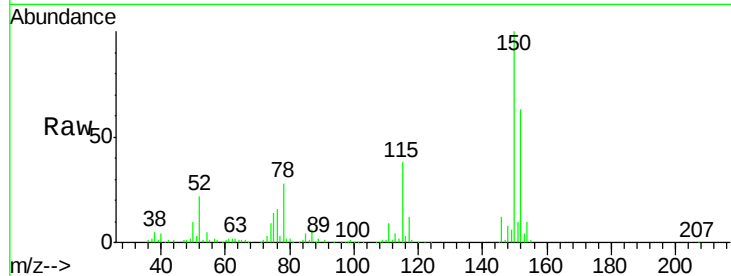
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.00 min
Lab File: BF082583.D
Acq: 30 Oct 2015 20:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

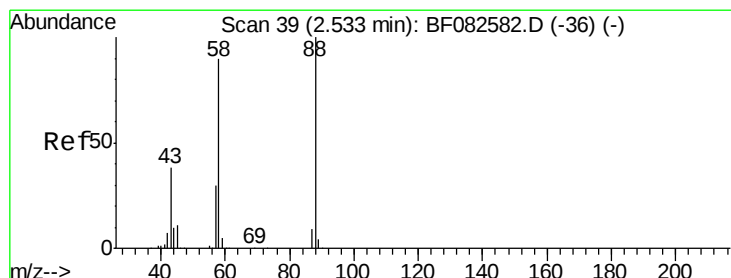
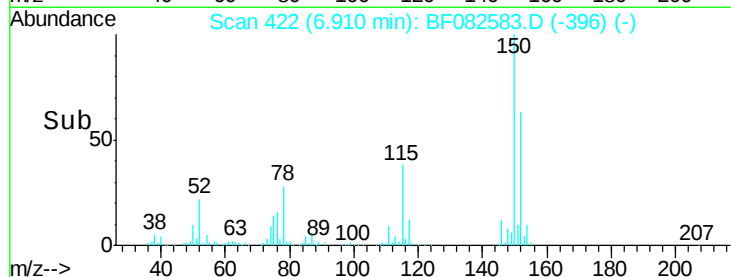
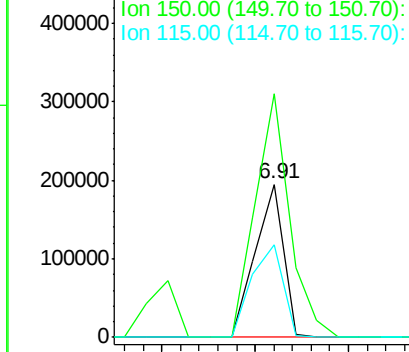
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	127.0	190.4
115	60.7	47.0	70.6

Manual Integrations
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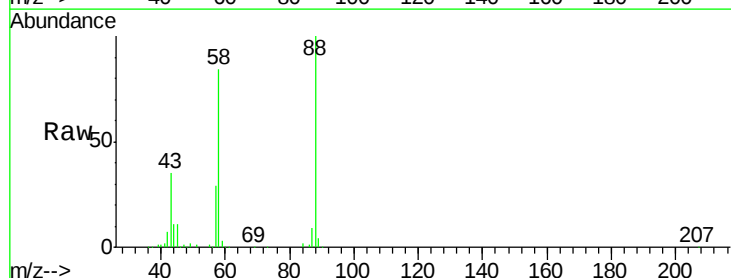
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Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



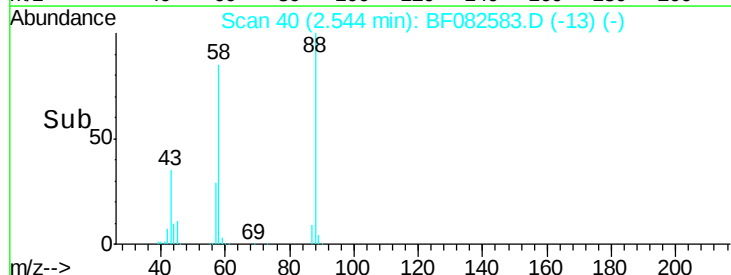
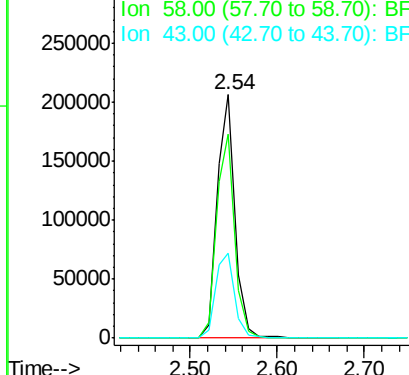
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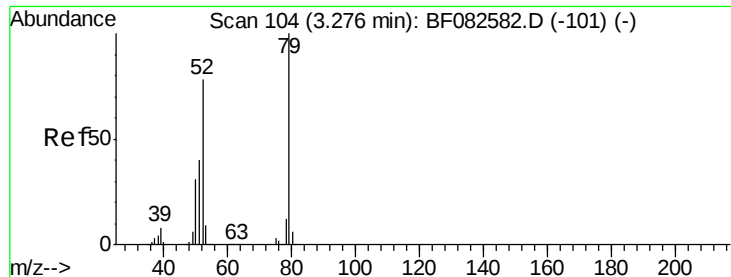
1,4-Dioxane
Concen: 55.60 ng
RT: 2.54 min Scan# 40
Delta R.T. 0.01 min
Lab File: BF082583.D
Acq: 30 Oct 2015 20:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.8	62.0	93.0
43	38.1	26.6	40.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





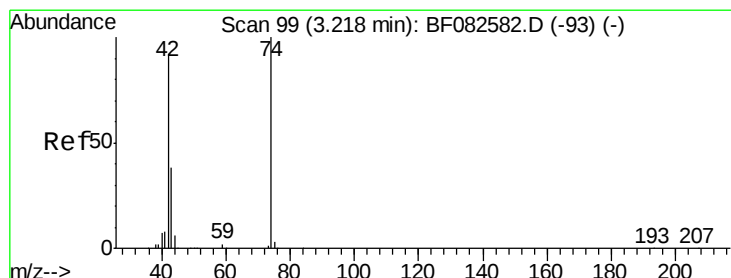
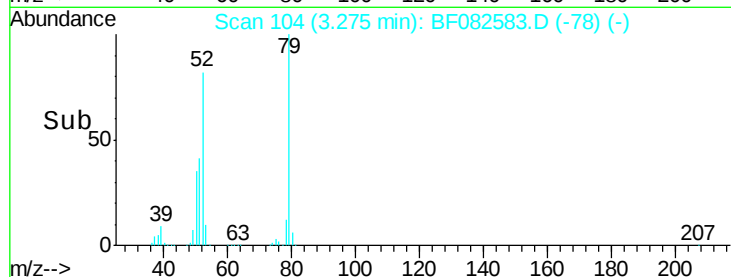
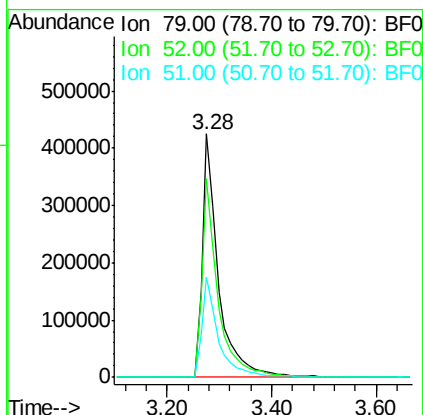
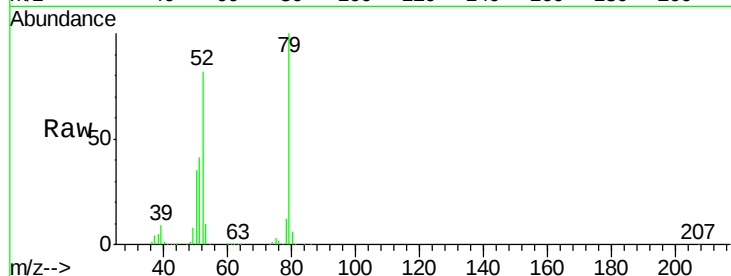
#3
 Pvridine
 Concen: 70.64 ng
 RT: 3.28 min Scan# 104
 Delta R.T. -0.00 min
 Lab File: BF082583.D
 Acq: 30 Oct 2015 20:34

Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		912295		
52	81.6	62.8	94.2		
51	41.2	32.0	48.0		

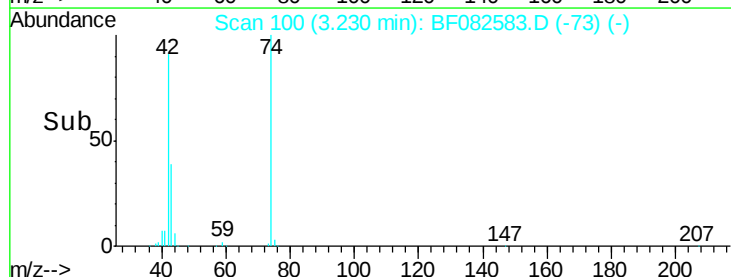
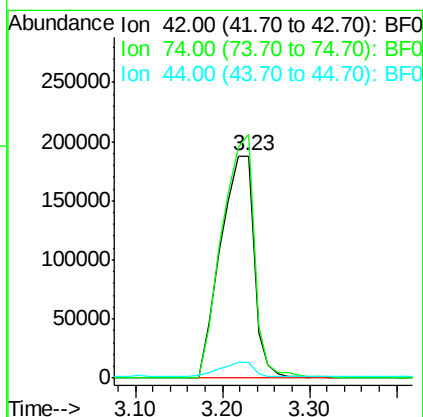
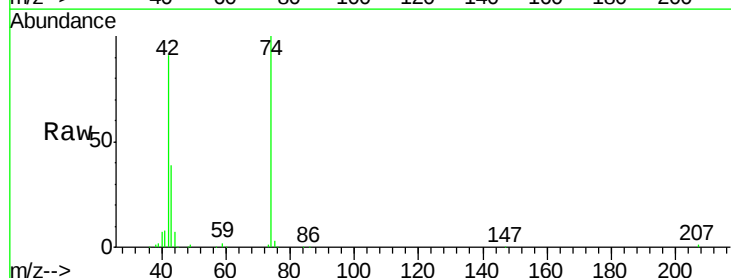
Manual Integrations
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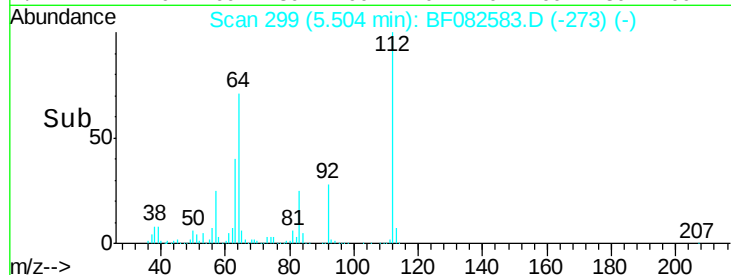
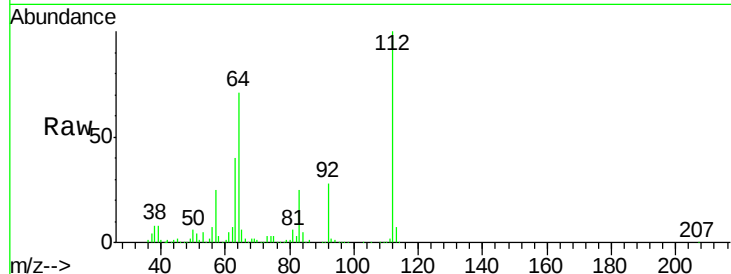
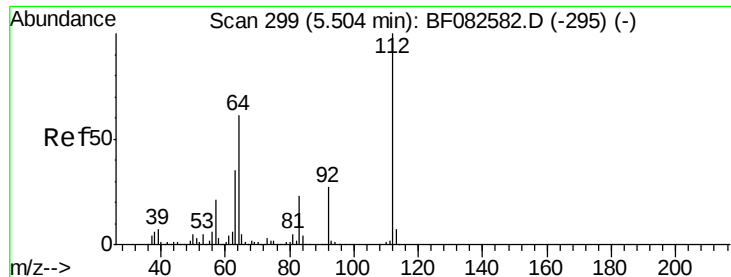
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#4
 n-Nitrosodimethylamine
 Concen: 83.43 ng
 RT: 3.23 min Scan# 100
 Delta R.T. 0.01 min
 Lab File: BF082583.D
 Acq: 30 Oct 2015 20:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		504757		
74	109.7	87.0	130.4		
44	7.2	5.8	8.8		





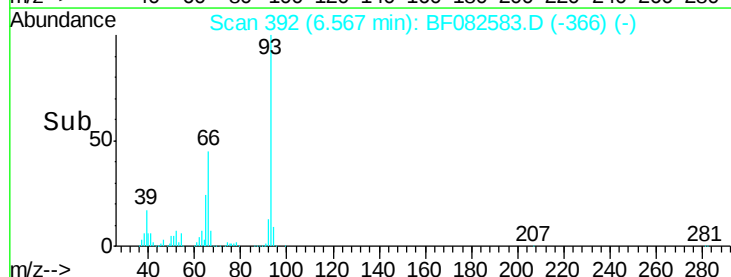
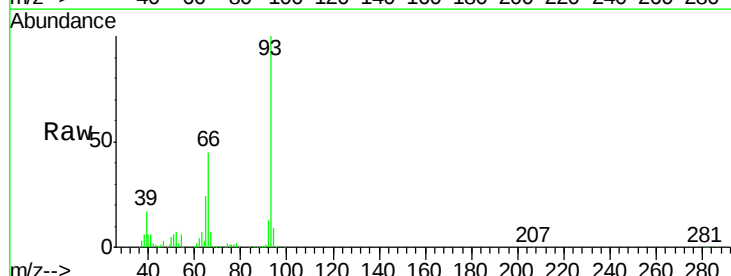
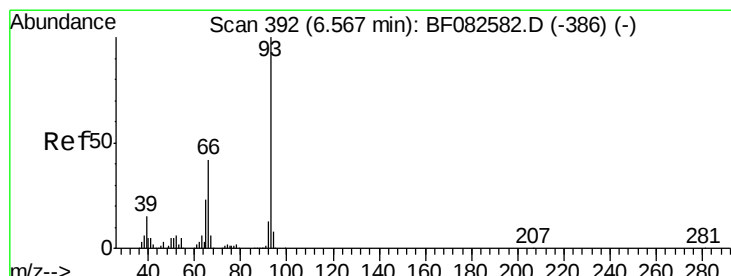
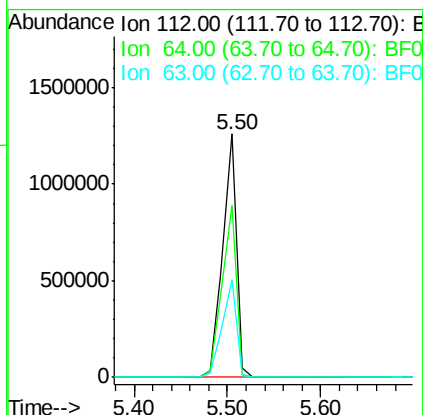
#5
2-Fluorophenol
Concen: 118.31 ng
RT: 5.50 min Scan# 299
Delta R.T. -0.00 min
Lab File: BF082583.D
Acq: 30 Oct 2015 20:34

Tot Ion	Ratio	Lower	Upper
112	100		
64	70.8	48.9	73.3
63	39.9	28.1	42.1

Instrument :
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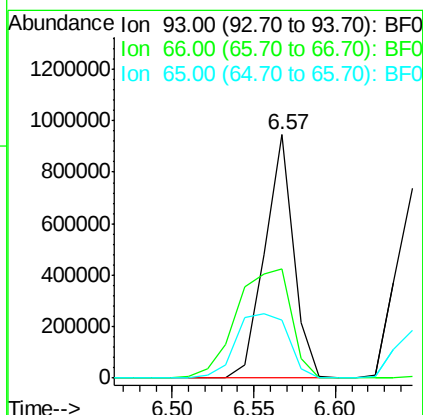
Manual Integrations
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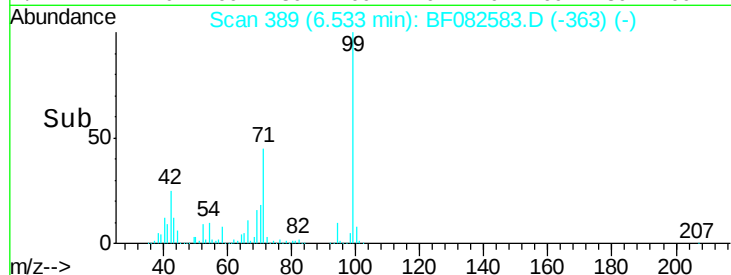
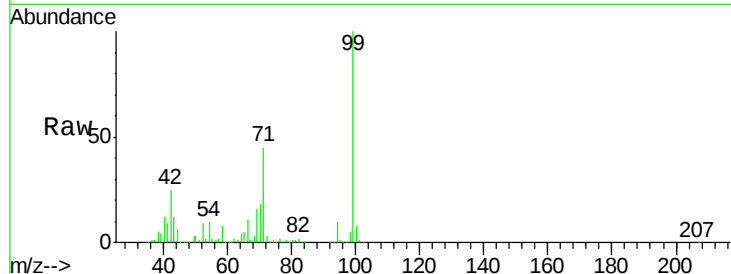
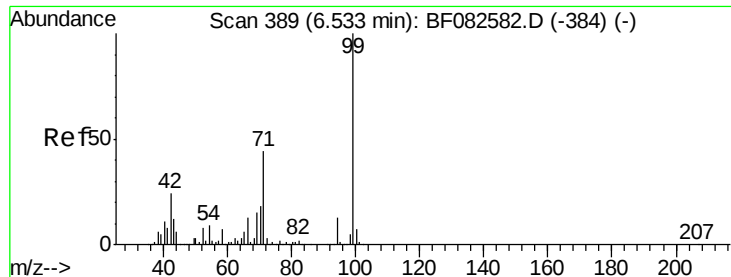
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#6
Aniline
Concen: 64.36 ng
RT: 6.57 min Scan# 392
Delta R.T. -0.00 min
Lab File: BF082583.D
Acq: 30 Oct 2015 20:34

Tgt Ion	Ratio	Lower	Upper
93	100		
66	45.1	33.6	50.4
65	24.0	18.1	27.1





#7

Phenol-d6

Concen: 120.99 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF082583.D

Acq: 30 Oct 2015 20:34

Tot Ion:	99	Resp:	1698232
Ion	Ratio	Lower	Upper
99	100		
42	25.1	19.2	28.8
71	45.0	35.0	52.4

Instrument :

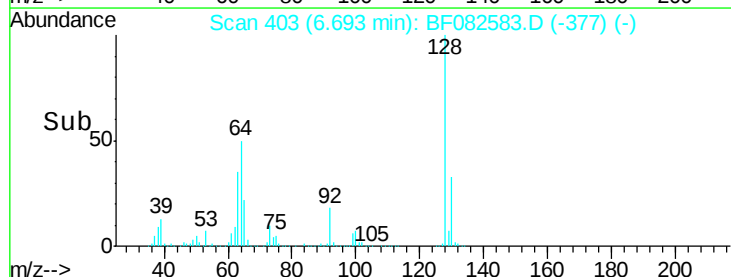
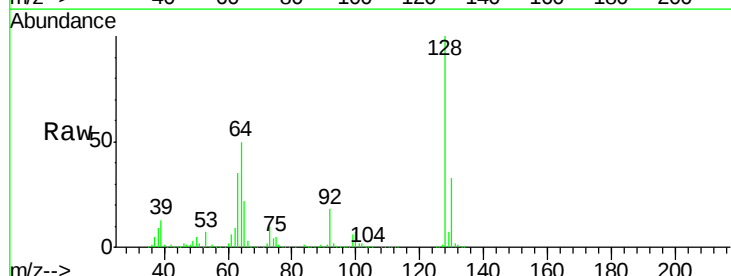
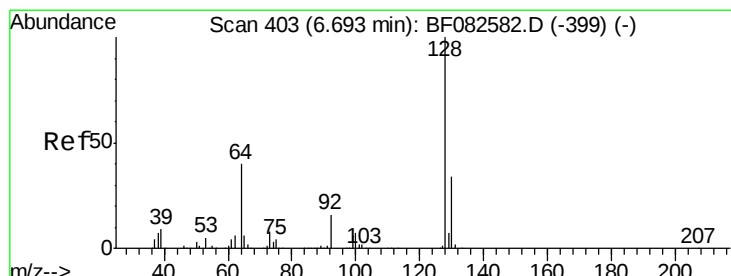
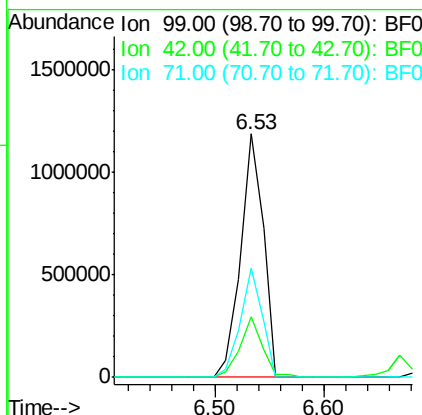
BNA_F

ClientSampleId :

SSTDIC050

Manual Integrations
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#8

2-Chlorophenol

Concen: 59.40 ng

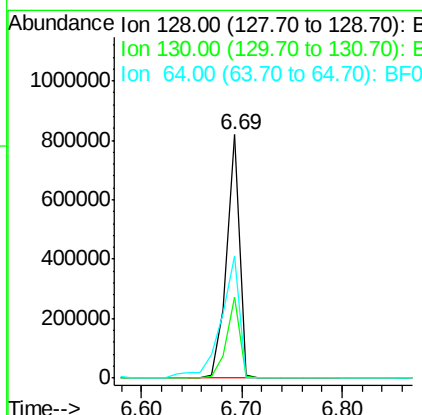
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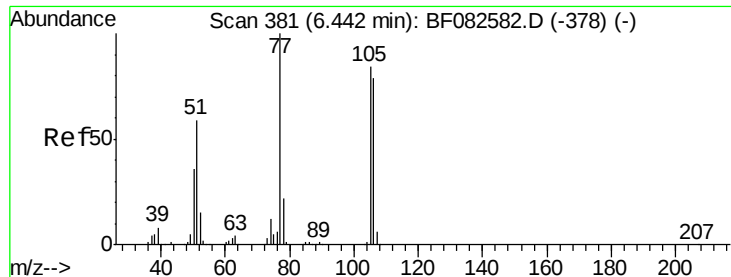
Delta R.T. -0.00 min

Lab File: BF082583.D

Acq: 30 Oct 2015 20:34

Tgt Ion:	128	Resp:	735357
Ion	Ratio	Lower	Upper
128	100		
130	33.3	13.5	53.5
64	50.3	21.1	61.1





#9

Benzaldehyde

Concen: 73.21 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.01 min

Lab File: BF082583.D

Acq: 30 Oct 2015 20:34

Instrument :

BNA_F

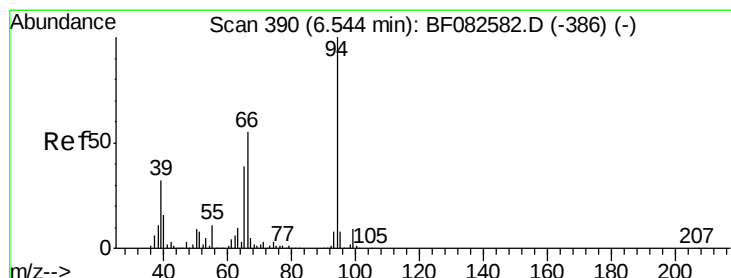
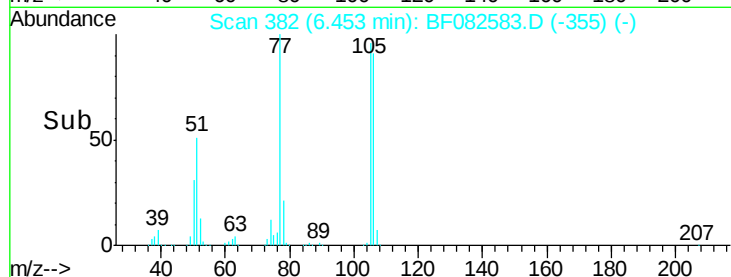
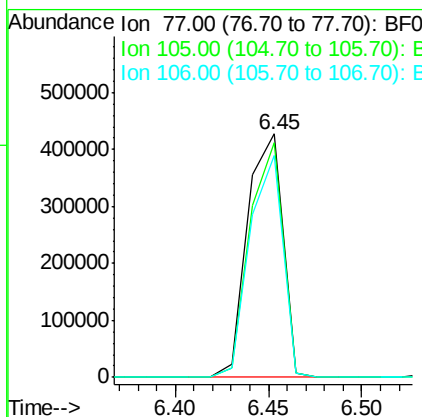
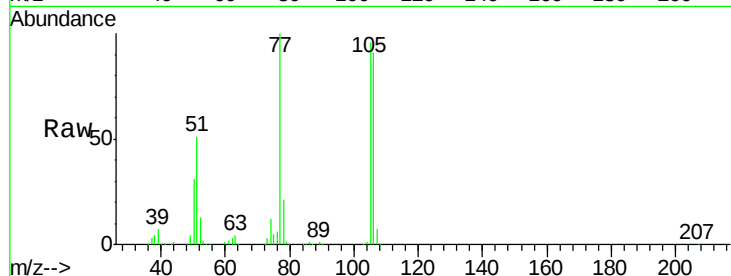
ClientSampleId :

SSTDICC050

Tot Ion:	77	Resp:	558844
Ion	Ratio	Lower	Upper
77	100		
105	96.2	63.5	103.5
106	91.3	59.3	99.3

Manual Integrations
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#10

Phenol

Concen: 56.68 ng

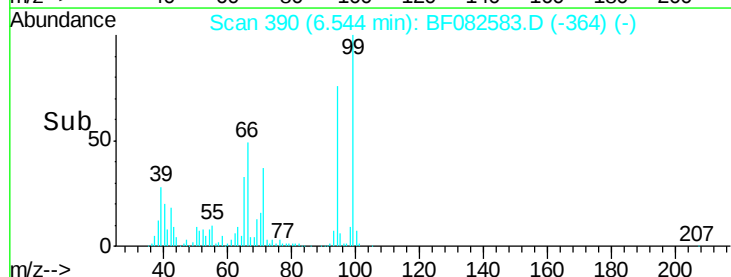
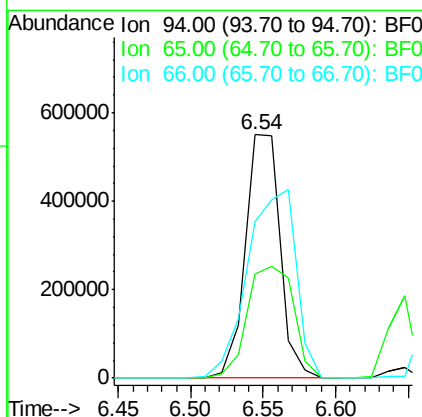
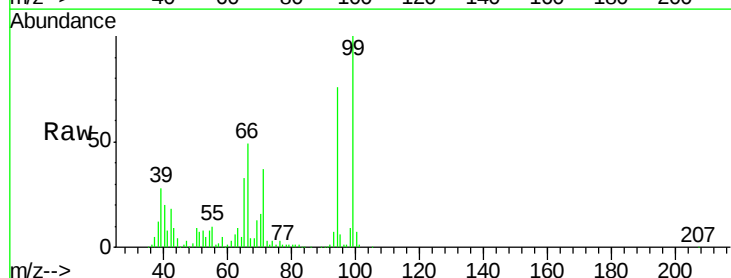
RT: 6.54 min Scan# 390

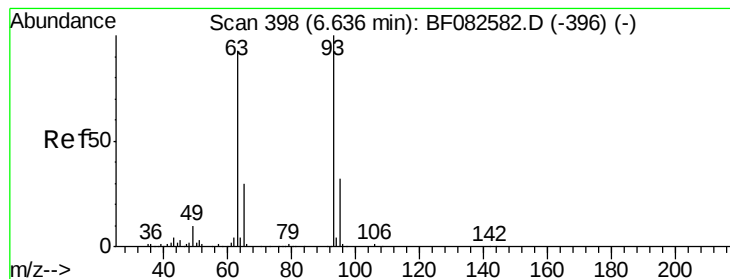
Delta R.T. -0.00 min

Lab File: BF082583.D

Acq: 30 Oct 2015 20:34

Tgt Ion:	94	Resp:	916380
Ion	Ratio	Lower	Upper
94	100		
65	43.0	18.9	58.9
66	64.3	34.9	74.9





#11

bis(2-Chloroethyl)ether

Concen: 62.15 ng

RT: 6.65 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF082583.D

Acq: 30 Oct 2015 20:34

Instrument :

BNA_F

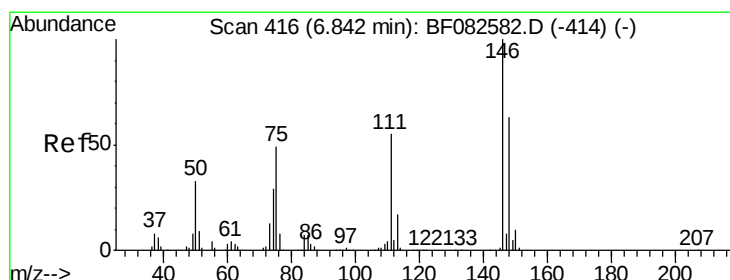
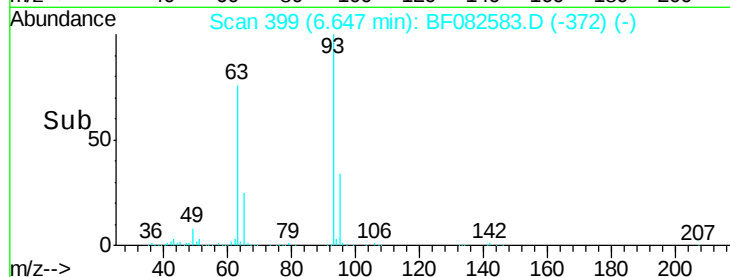
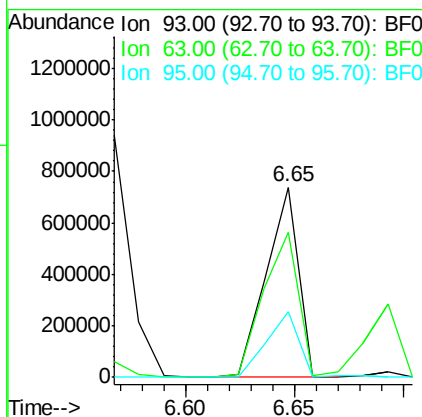
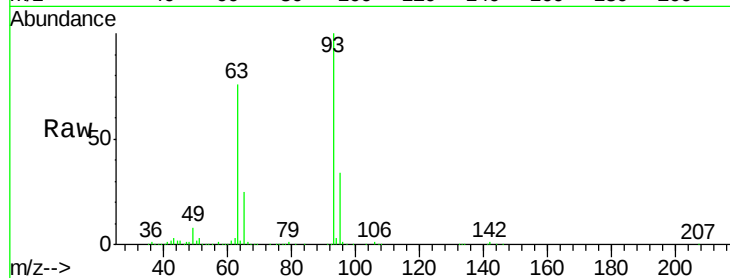
ClientSampleId :

SSTDICC050

Tot Ion:	93	Resp:	768327
Ion	Ratio	Lower	Upper
93	100		
63	76.0	72.7	112.7
95	34.3	12.0	52.0

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 53.11 ng m

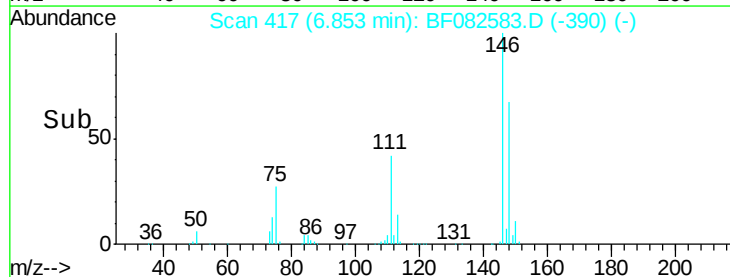
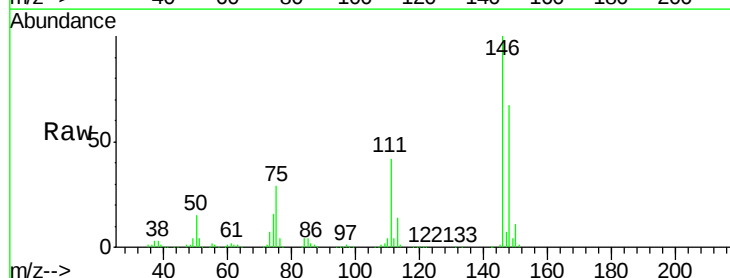
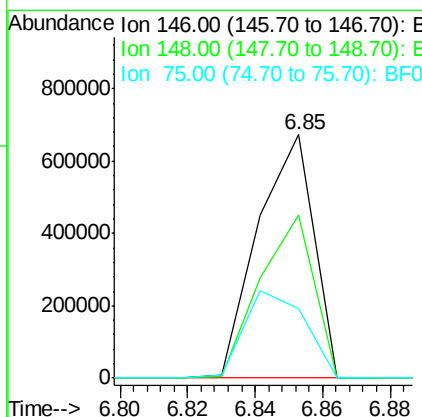
RT: 6.85 min Scan# 417

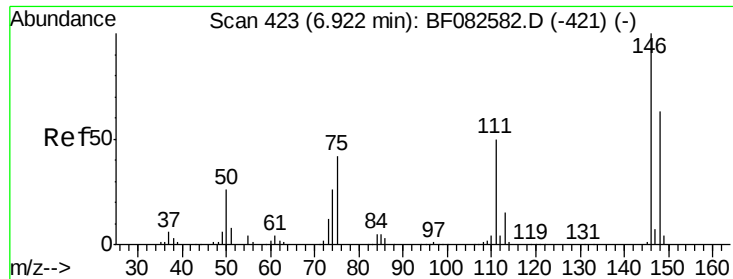
Delta R.T. 0.01 min

Lab File: BF082583.D

Acq: 30 Oct 2015 20:34

Tgt Ion:	146	Resp:	777842
Ion	Ratio	Lower	Upper
146	100		
148	66.8	50.5	75.7
75	28.6	39.5	59.3#





#13

1,4-Dichlorobenzene

Concen: 48.57 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF082583.D

Acq: 30 Oct 2015 20:34

Instrument :

BNA_F

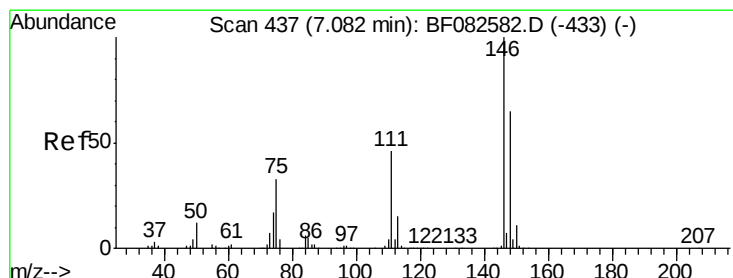
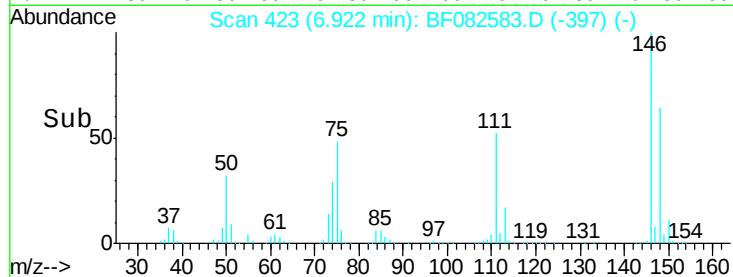
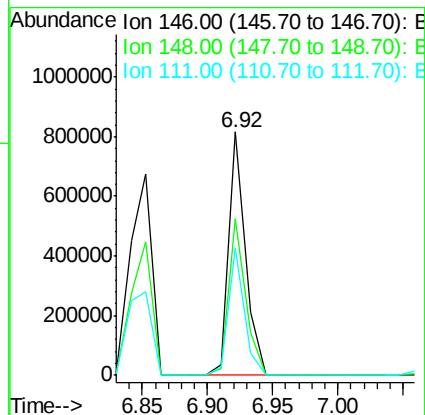
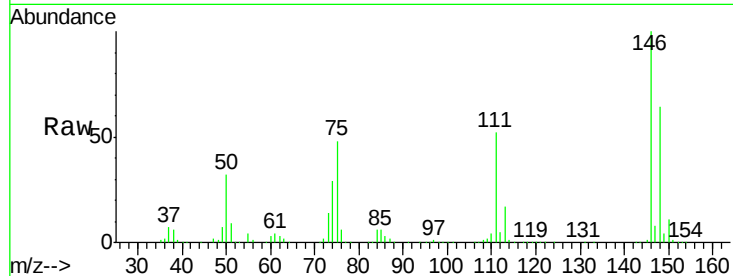
ClientSampleId :

SSTDICC050

Tot Ion:	146	Resp:	732120
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.8	76.2
111	52.0	40.6	60.8

Manual Integrations
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11/2/2015 4:32:00 PM



#14

1,2-Dichlorobenzene

Concen: 55.38 ng

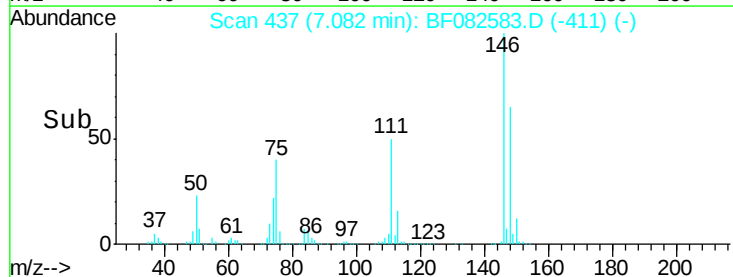
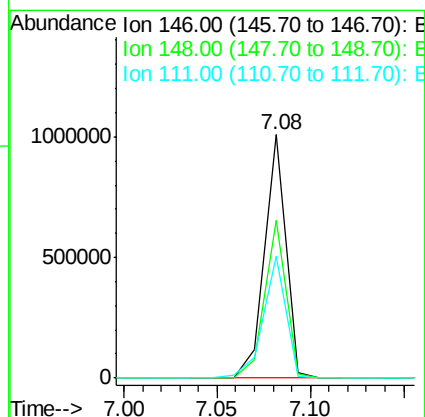
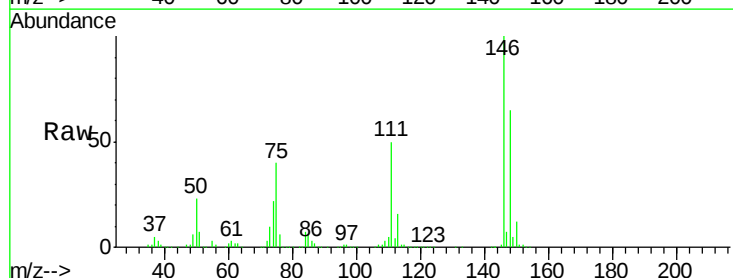
RT: 7.08 min Scan# 437

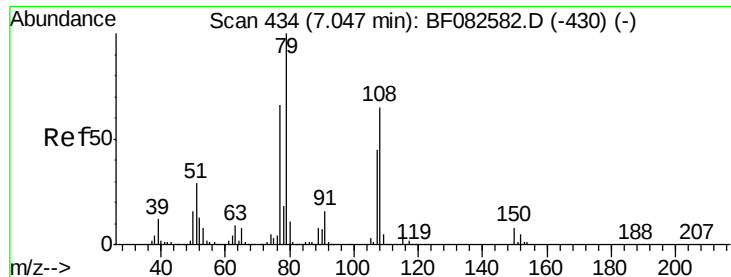
Delta R.T. -0.00 min

Lab File: BF082583.D

Acq: 30 Oct 2015 20:34

Tgt Ion:	146	Resp:	791636
Ion Ratio	Lower	Upper	
146	100		
148	65.0	52.2	78.4
111	50.2	36.6	55.0





#15

Benzyl Alcohol

Concen: 69.66 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.00 min

Lab File: BF082583.D

Acq: 30 Oct 2015 20:34

Instrument :

BNA_F

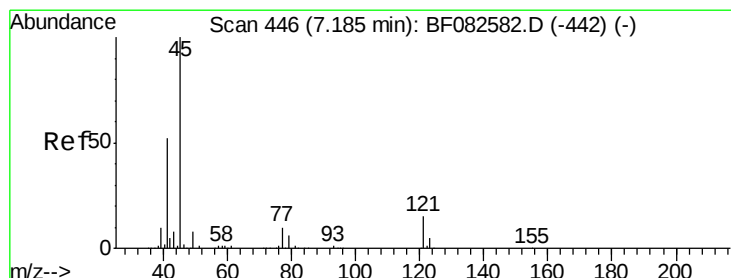
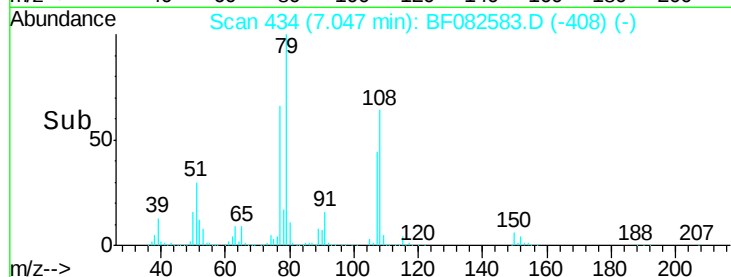
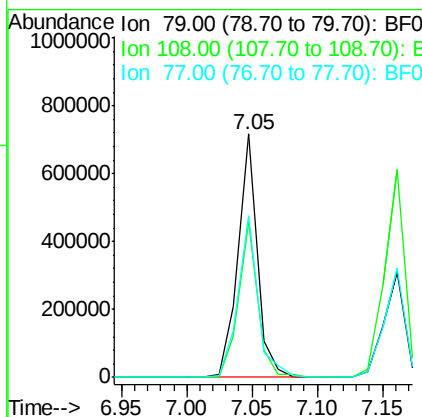
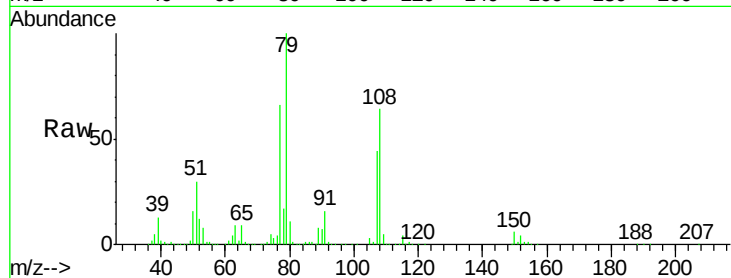
ClientSampleId :

SSTDIC050

Tot Ion:	79	Resp:	731682
Ion Ratio	Lower	Upper	
79	100		
108	63.9	52.2	78.4
77	66.2	52.7	79.1

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 67.93 ng

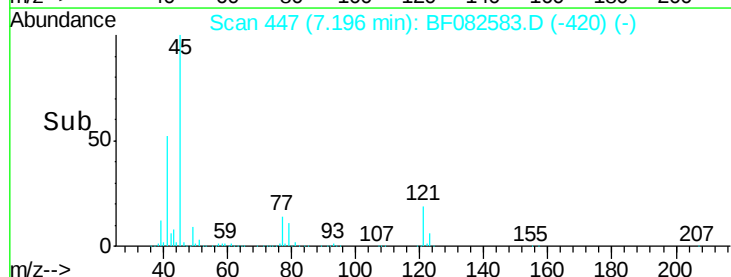
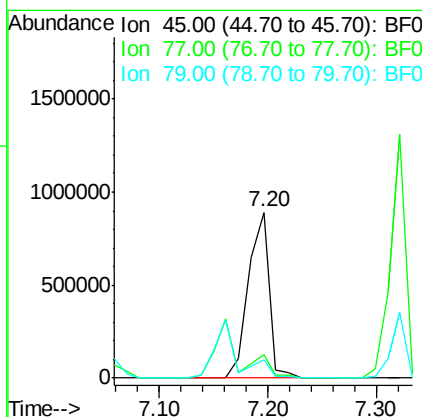
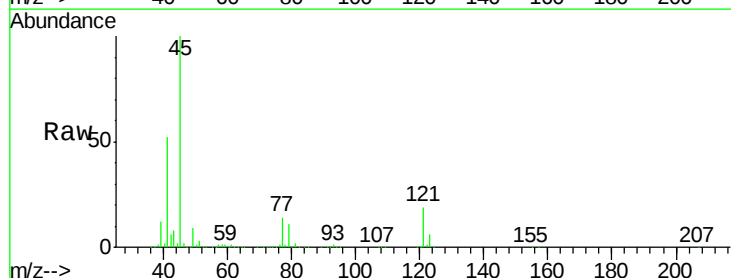
RT: 7.20 min Scan# 447

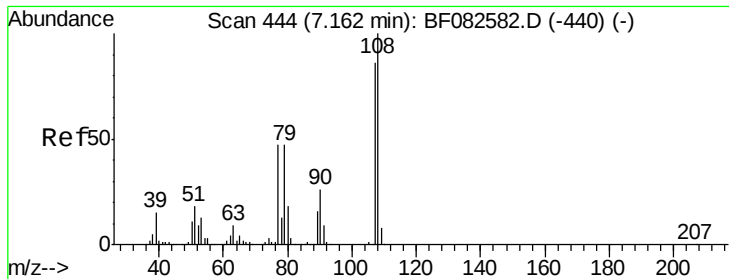
Delta R.T. 0.01 min

Lab File: BF082583.D

Acq: 30 Oct 2015 20:34

Tgt Ion:	45	Resp:	1181751
Ion Ratio	Lower	Upper	
45	100		
77	14.4	0.0	32.6
79	11.1	0.0	29.2





#17

2-Methylphenol

Concen: 57.54 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.00 min

Lab File: BF082583.D

Acq: 30 Oct 2015 20:34

Instrument :

BNA_F

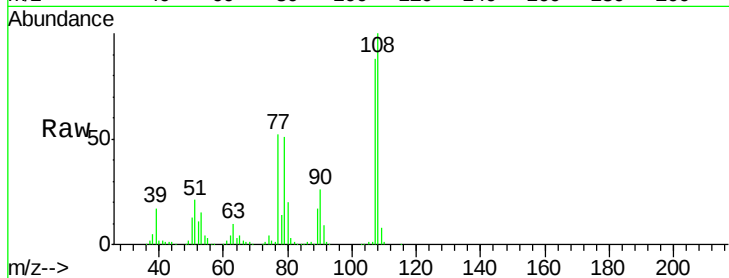
ClientSampleId :

SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.6	93.0	139.4	
77	59.2	44.1	66.1	
79	57.7	43.6	65.4	

Manual Integrations
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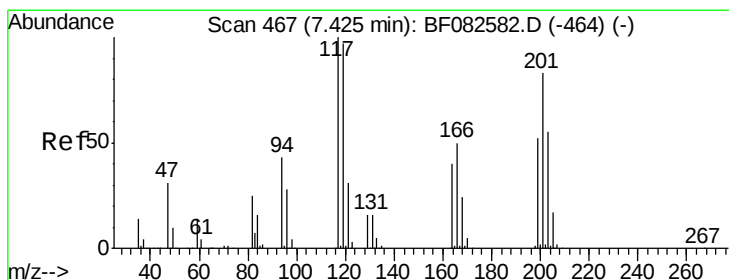
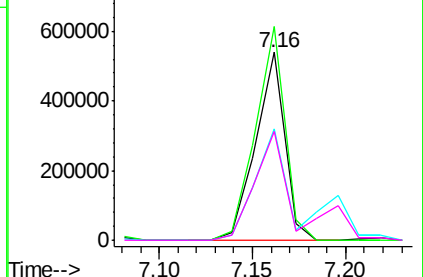
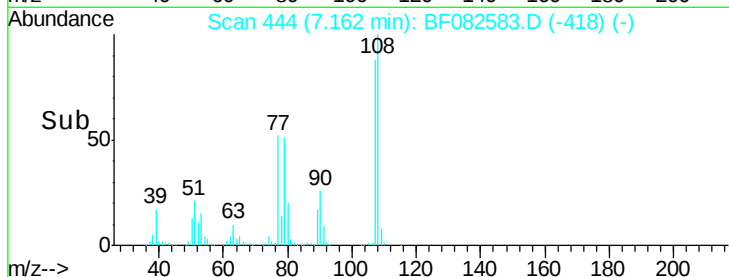


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 57.78 ng

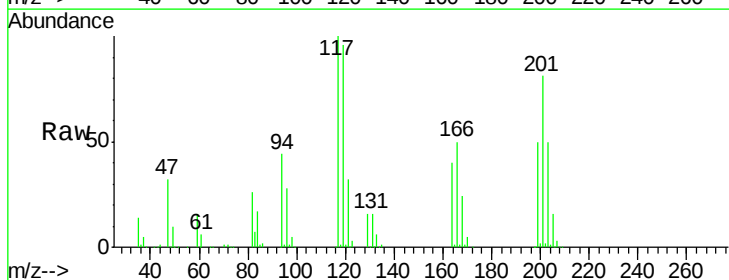
RT: 7.42 min Scan# 467

Delta R.T. -0.00 min

Lab File: BF082583.D

Acq: 30 Oct 2015 20:34

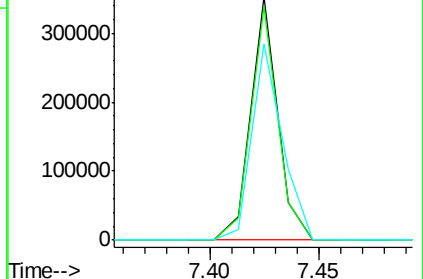
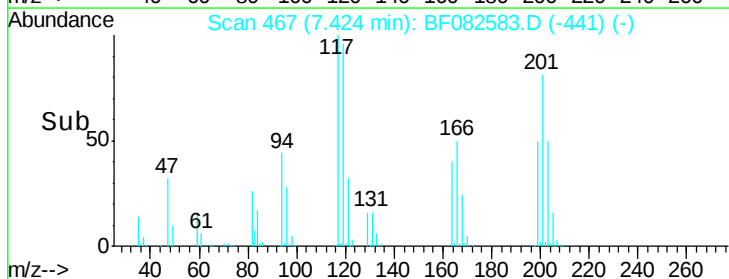
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.0	77.7	116.5	
201	80.7	66.7	100.1	

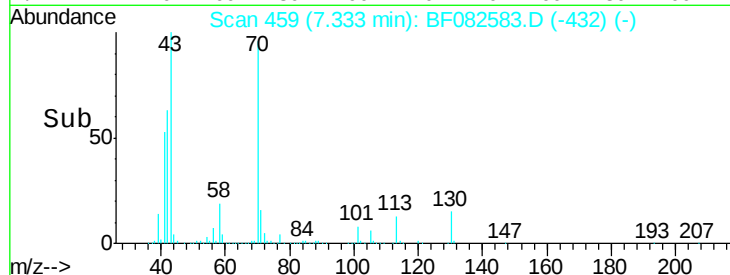
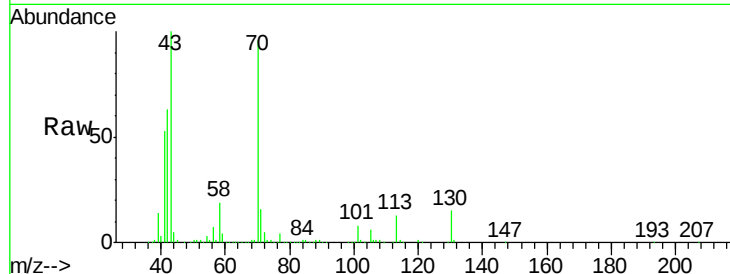
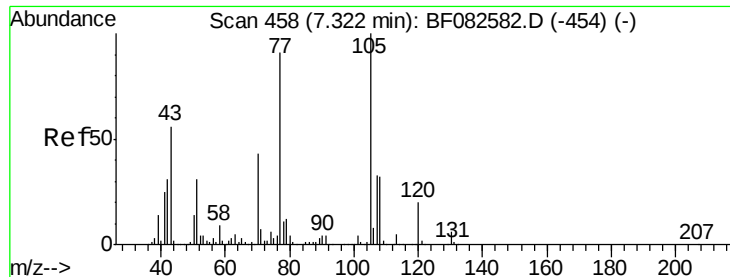


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





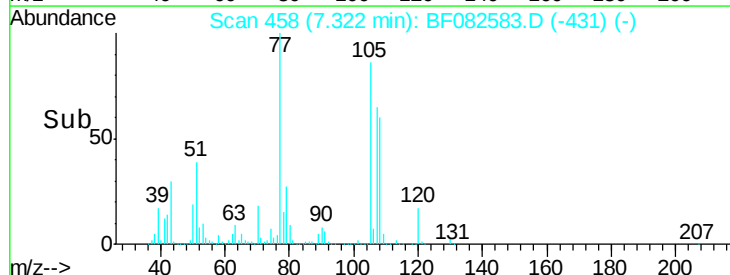
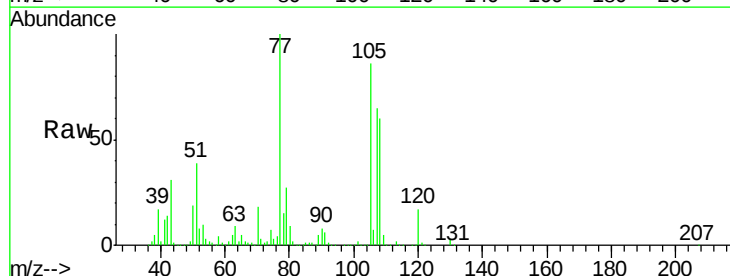
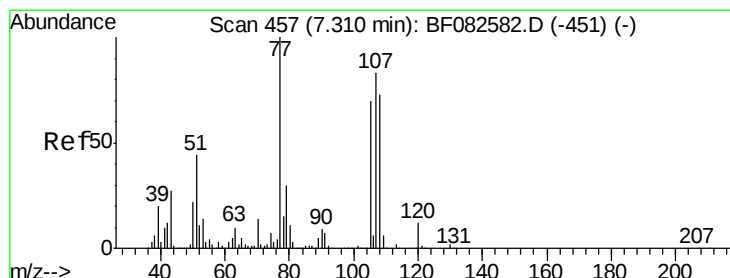
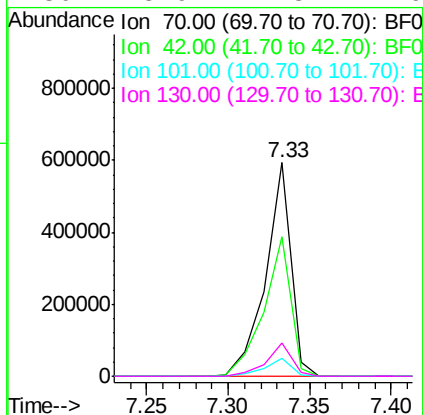
#19
n-Nitroso-di-n-propylamine
Concen: 68.18 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.01 min
Lab File: BF082583.D
Acq: 30 Oct 2015 20:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Manual Integrations
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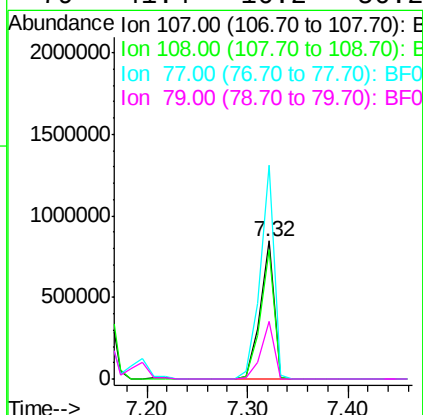
Mmdadoda
11/2/2015 4:32:00 PM

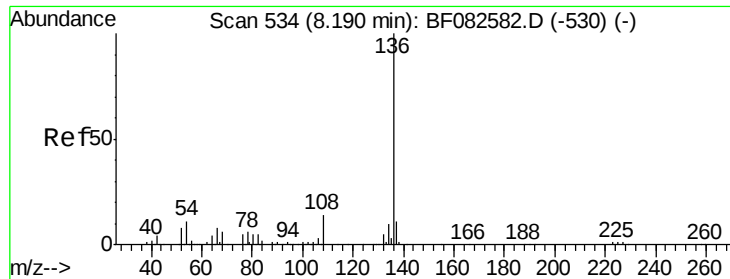
Tot Ion	70	Resp	641603
Ion Ratio	Lower	Upper	
70	100		
42	65.5	57.7	86.5
101	8.7	7.0	10.6
130	15.9	11.8	17.6



#20
3+4-Methylphenols
Concen: 63.28 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.01 min
Lab File: BF082583.D
Acq: 30 Oct 2015 20:34

Tgt Ion	107	Resp	807473
Ion Ratio	Lower	Upper	
107	100		
108	93.5	67.3	107.3
77	154.7	100.3	140.3#
79	41.4	16.2	56.2





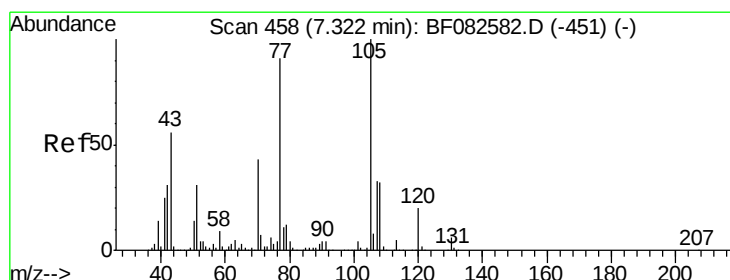
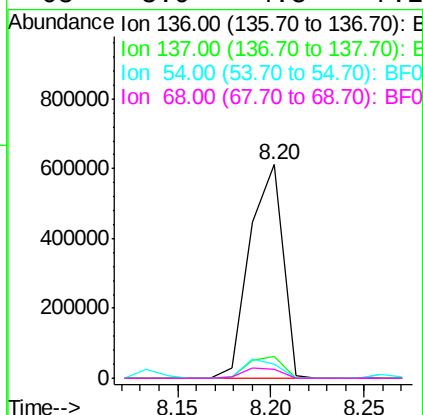
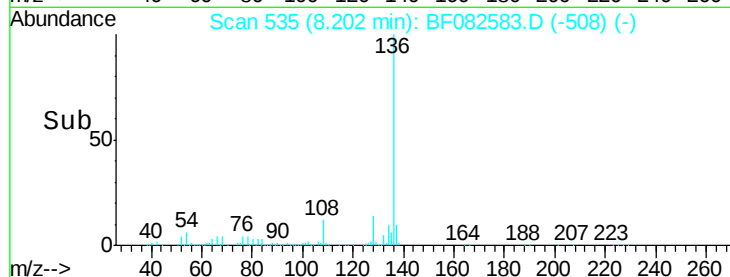
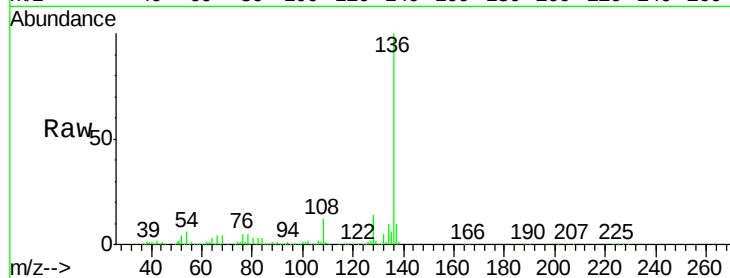
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.01 min
Lab File: BF082583.D
Acq: 30 Oct 2015 20:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.4	9.1	13.7
54	6.4	9.1	13.7#
68	3.9	4.8	7.2#

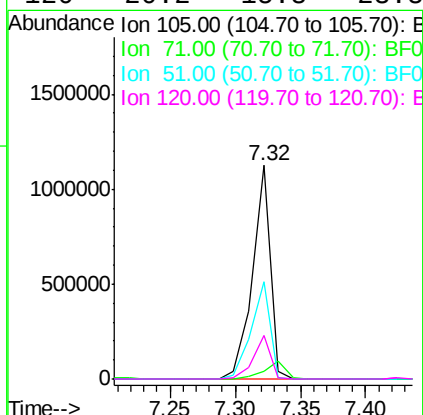
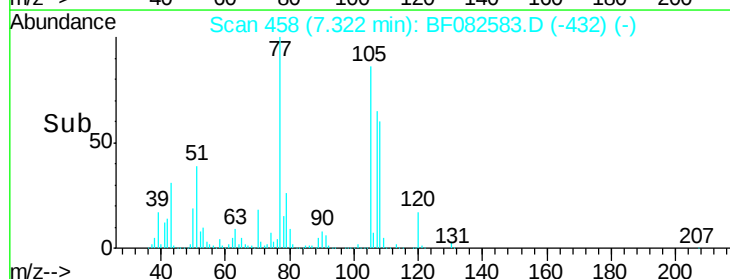
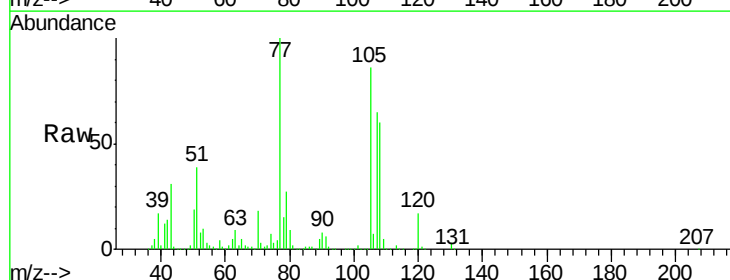
Manual Integrations
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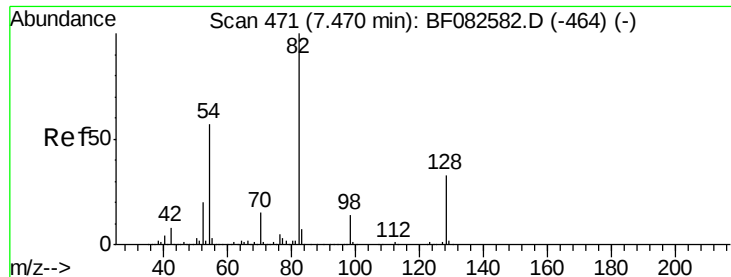
Mmdadoda
11/2/2015 4:32:00 PM



#22
Acetophenone
Concen: 61.56 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF082583.D
Acq: 30 Oct 2015 20:34

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	3.4	5.6	8.4#
51	45.7	24.9	37.3#
120	20.2	15.8	23.8





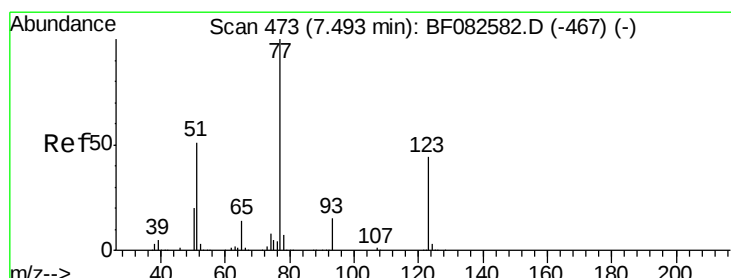
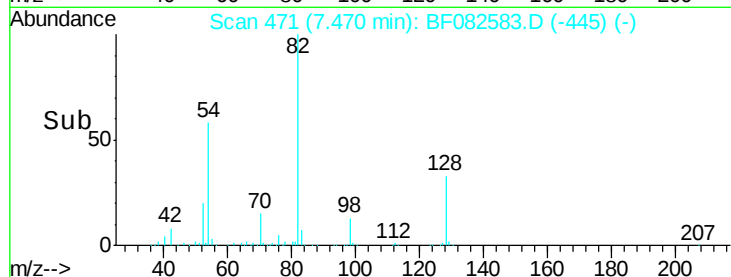
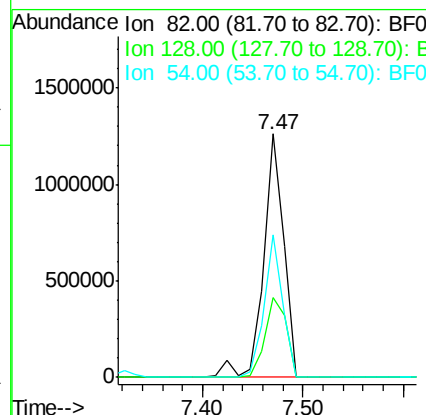
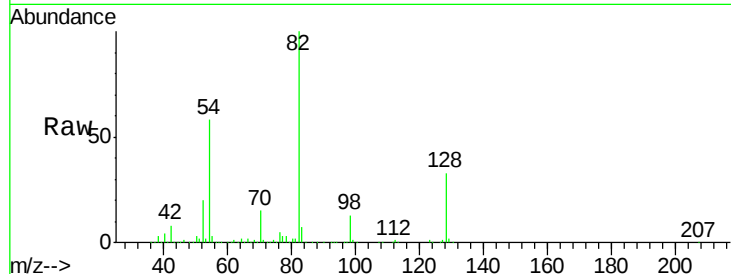
#23
 Nitrobenzene-d5
 Concen: 137.62 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.00 min
 Lab File: BF082583.D
 Acq: 30 Oct 2015 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion: 82 Resp: 1747464
 Ion Ratio Lower Upper
 82 100
 128 33.0 26.8 40.2
 54 58.4 45.7 68.5

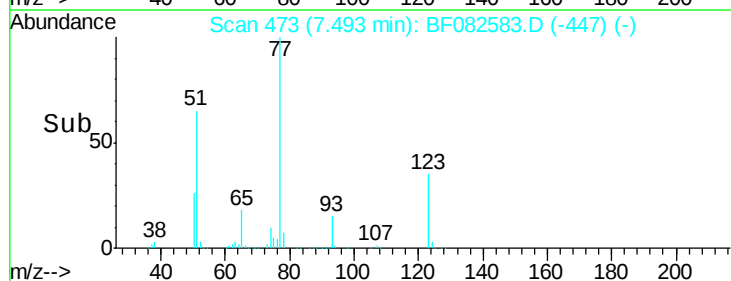
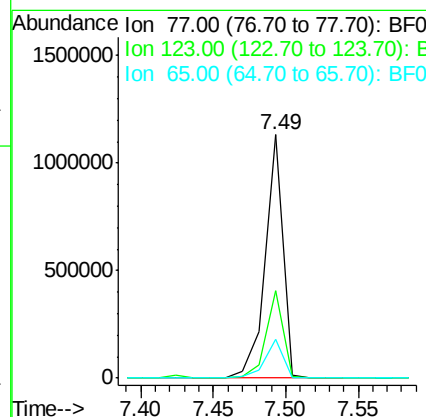
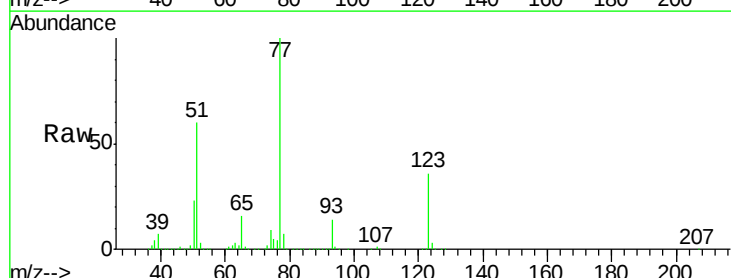
Manual Integrations
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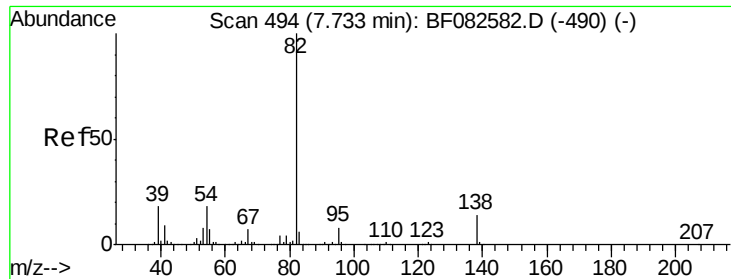
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 11/2/2015 4:32:00 PM



#24
 Nitrobenzene
 Concen: 68.89 ng
 RT: 7.49 min Scan# 473
 Delta R.T. -0.00 min
 Lab File: BF082583.D
 Acq: 30 Oct 2015 20:34

Tgt Ion: 77 Resp: 960336
 Ion Ratio Lower Upper
 77 100
 123 36.1 36.4 54.6#
 65 15.8 11.5 17.3





#25

Isophorone

Concen: 65.58 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF082583.D

Acq: 30 Oct 2015 20:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion: 82 Resp: 1621229

Ion Ratio Lower Upper

82 100

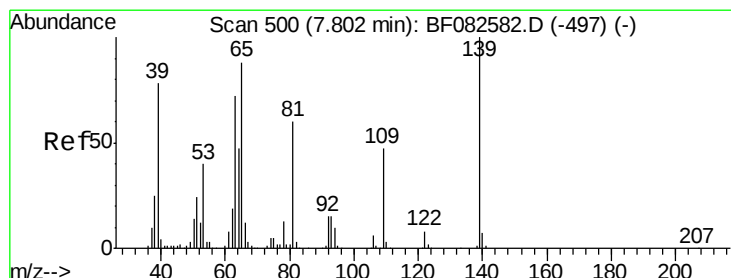
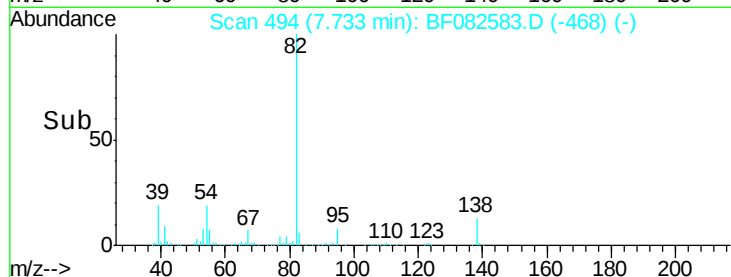
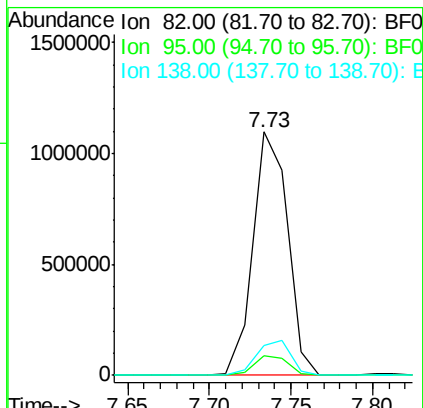
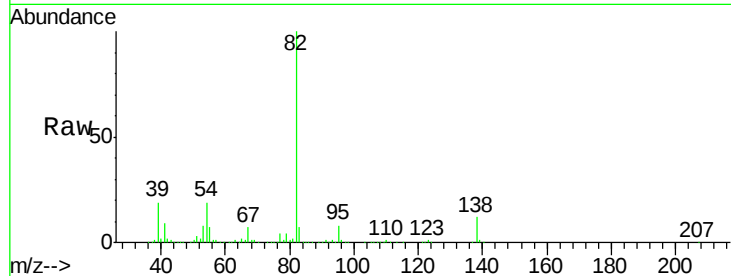
95 8.1 6.6 9.8

138 12.5 11.4 17.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 56.75 ng

RT: 7.81 min Scan# 501

Delta R.T. 0.01 min

Lab File: BF082583.D

Acq: 30 Oct 2015 20:34

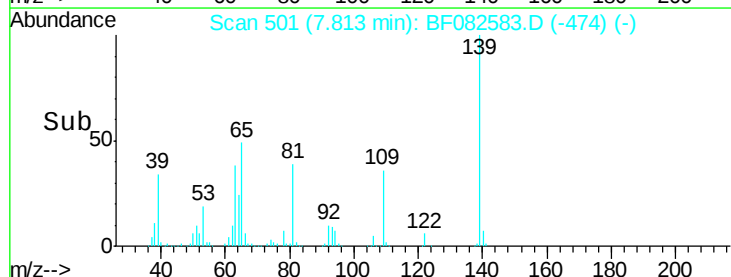
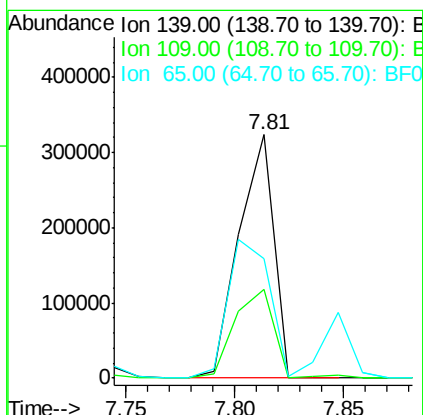
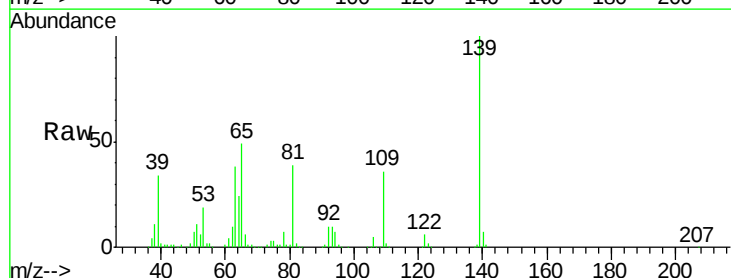
Tgt Ion: 139 Resp: 360577

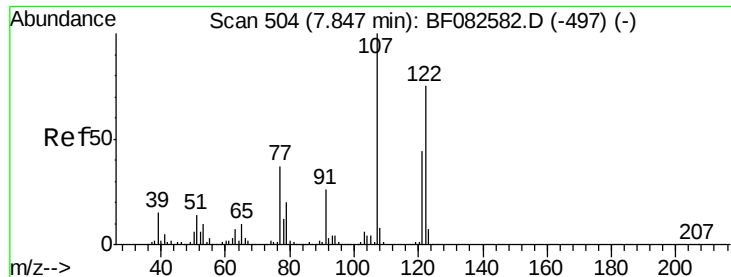
Ion Ratio Lower Upper

139 100

109 36.3 37.6 56.4#

65 49.3 70.6 105.8#





#27

2,4-Dimethylphenol

Concen: 55.80 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF082583.D

Acq: 30 Oct 2015 20:34

Instrument :

BNA_F

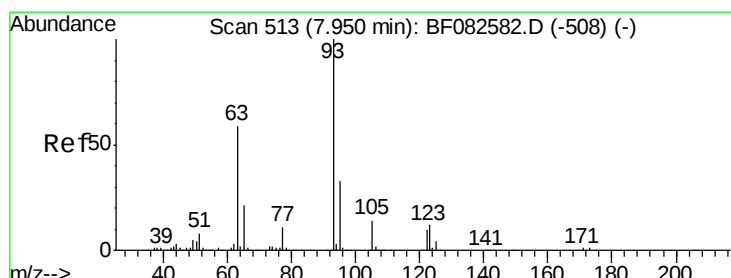
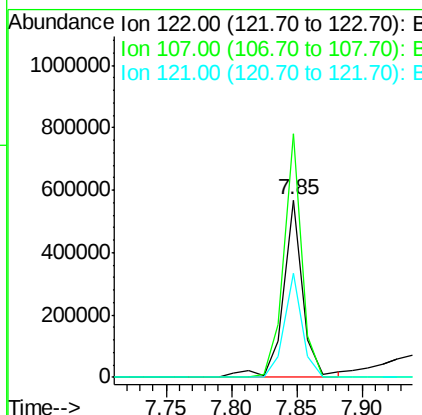
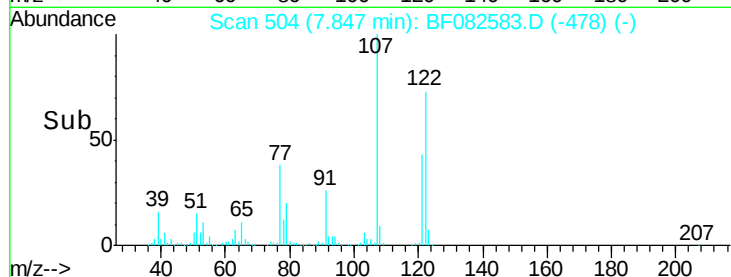
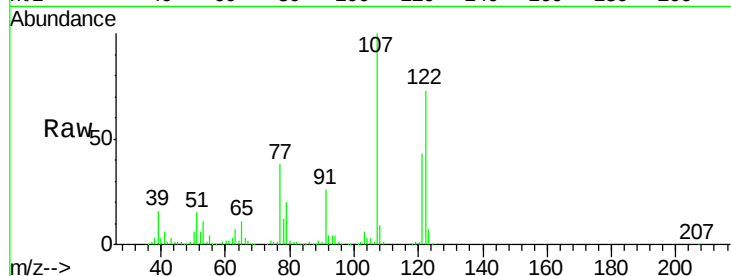
ClientSampleId :

SSTDIC050

Tot Ion:	122	Resp:	600130
Ion Ratio	Lower	Upper	
122	100		
107	137.2	106.0	159.0
121	58.6	46.7	70.1

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#28

bis(2-Chloroethoxy)methane

Concen: 68.15 ng

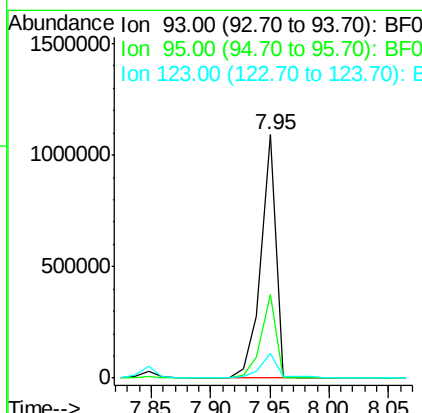
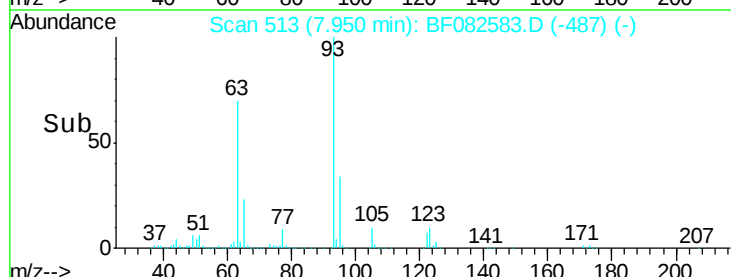
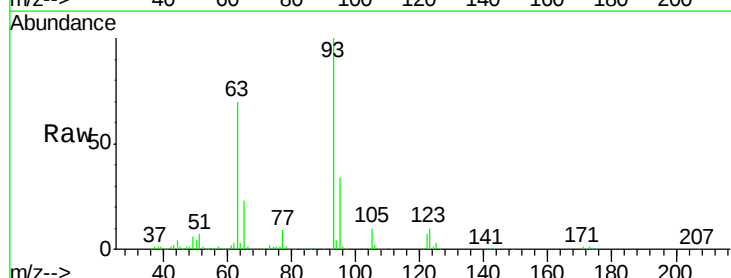
RT: 7.95 min Scan# 513

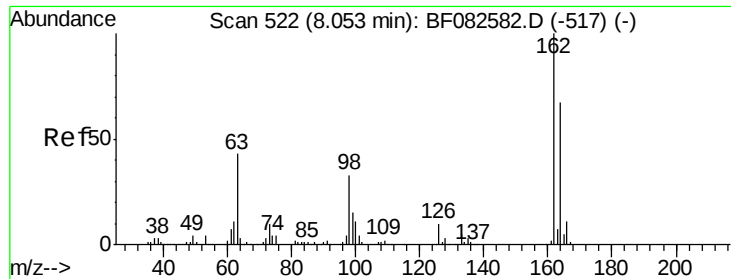
Delta R.T. -0.00 min

Lab File: BF082583.D

Acq: 30 Oct 2015 20:34

Tgt Ion:	93	Resp:	977591
Ion Ratio	Lower	Upper	
93	100		
95	34.3	26.6	40.0
123	10.4	9.7	14.5





#29

2,4-Dichlorophenol

Concen: 58.56 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF082583.D

Acq: 30 Oct 2015 20:34

Instrument :

BNA_F

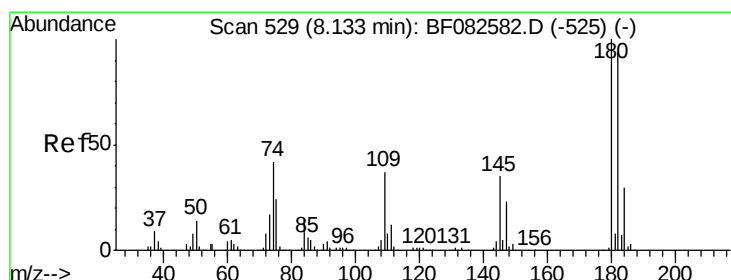
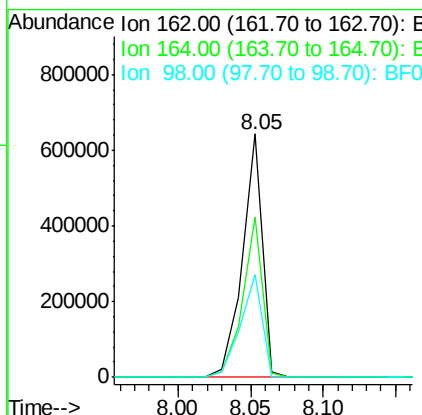
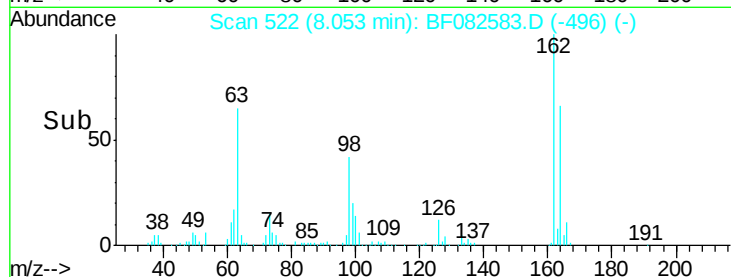
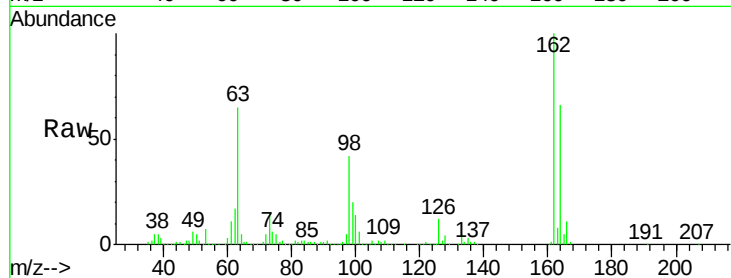
ClientSampleId :

SSTDIC050

Tot Ion:	162	Resp:	612206
Ion Ratio	Lower	Upper	
162	100		
164	65.8	46.8	86.8
98	42.0	12.5	52.5

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#30

1,2,4-Trichlorobenzene

Concen: 53.43 ng

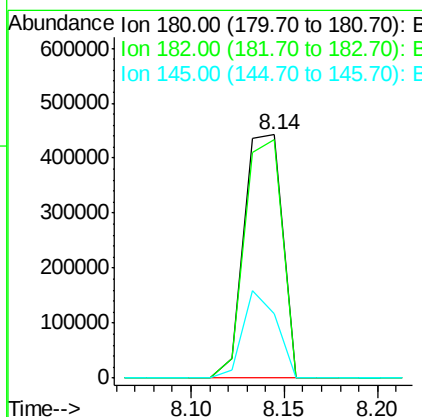
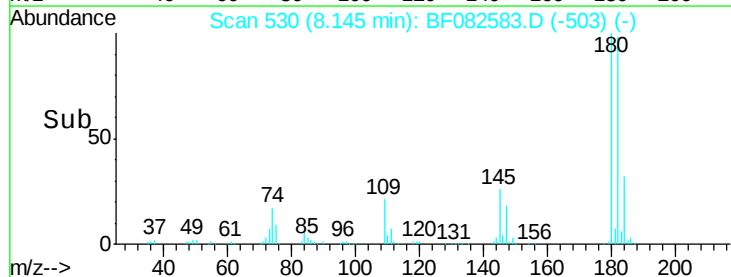
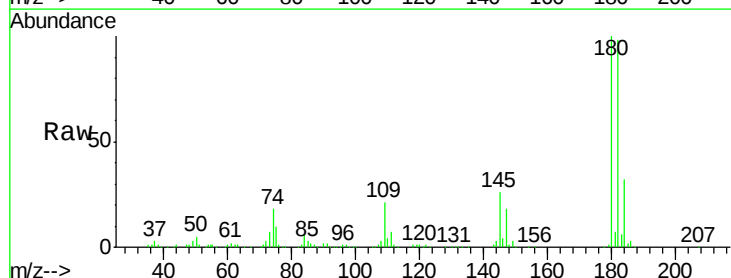
RT: 8.14 min Scan# 530

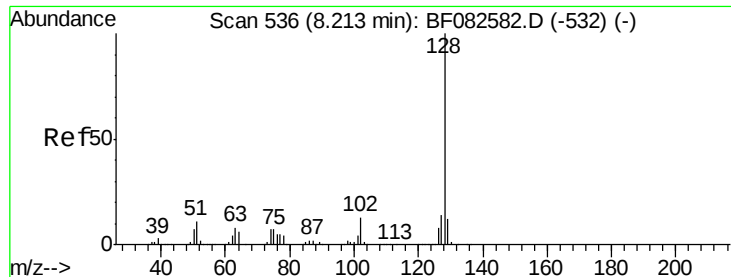
Delta R.T. 0.01 min

Lab File: BF082583.D

Acq: 30 Oct 2015 20:34

Tgt Ion:	180	Resp:	629082
Ion Ratio	Lower	Upper	
180	100		
182	98.0	74.9	112.3
145	26.3	27.8	41.8#





#31

Naphthalene

Concen: 54.47 ng

RT: 8.22 min Scan# 537

Delta R.T. 0.01 min

Lab File: BF082583.D

Acq: 30 Oct 2015 20:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:128 Resp: 1913845

Ion Ratio Lower Upper

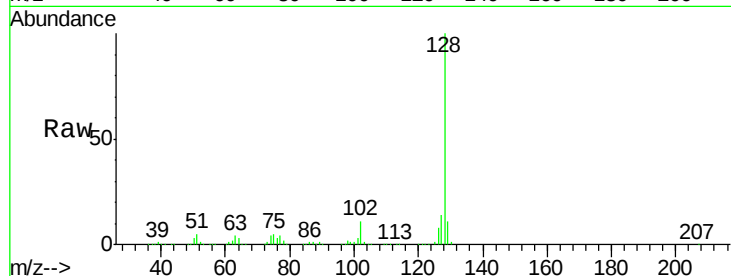
128 100

129 11.1 9.5 14.3

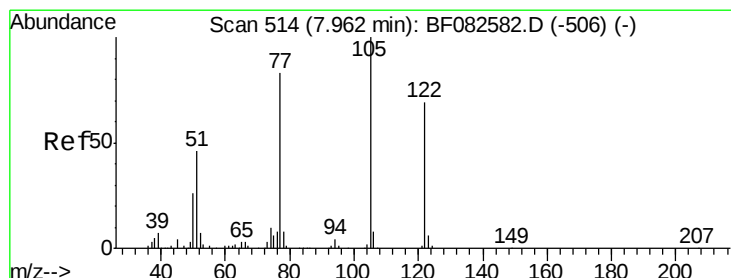
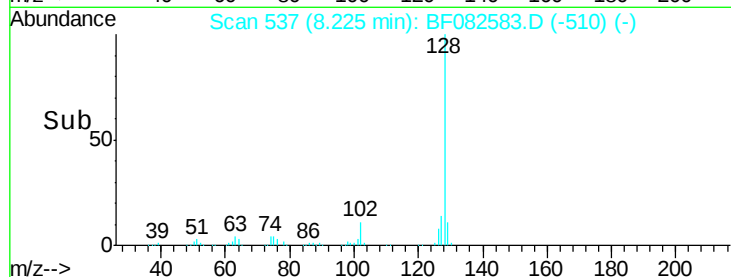
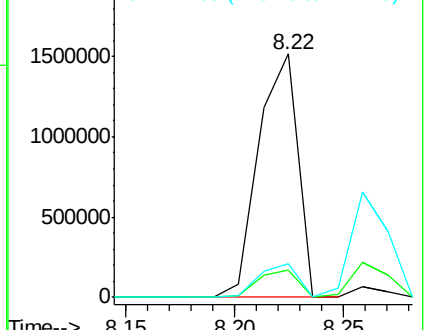
127 14.1 11.4 17.0

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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: 79.36 ng

RT: 7.98 min Scan# 516

Delta R.T. 0.02 min

Lab File: BF082583.D

Acq: 30 Oct 2015 20:34

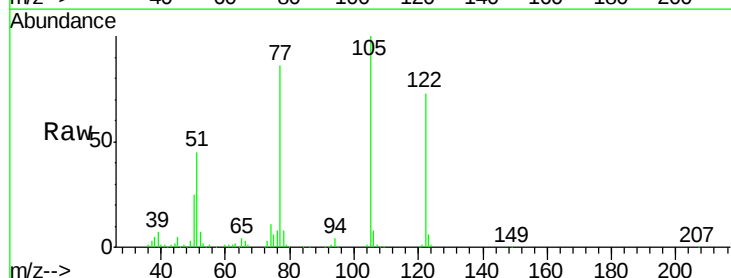
Tgt Ion:122 Resp: 509081

Ion Ratio Lower Upper

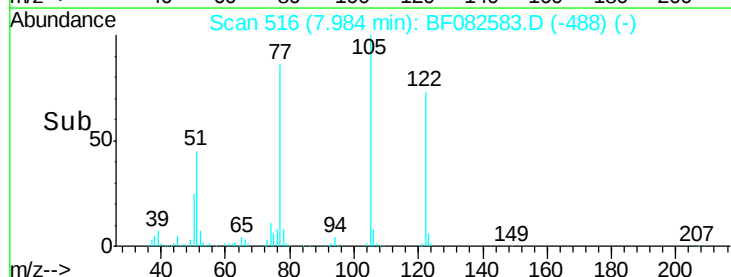
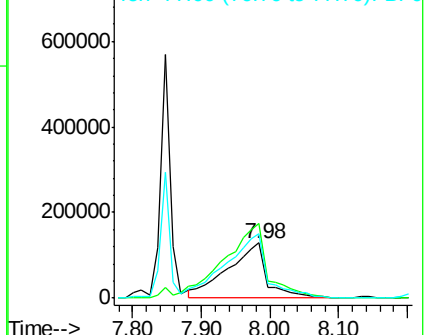
122 100

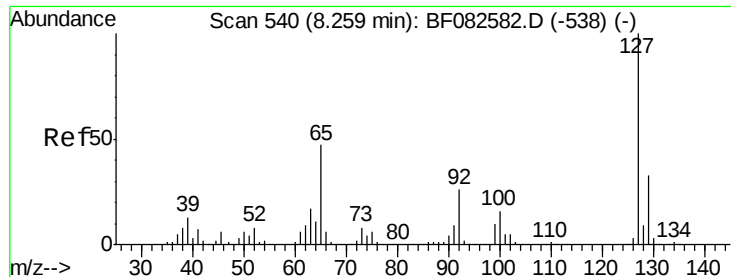
105 136.4 122.6 162.6

77 117.0 100.9 140.9



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





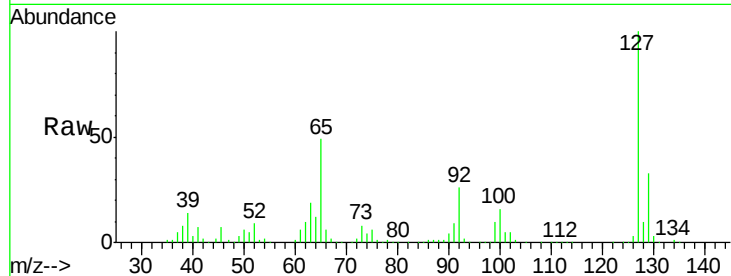
#33
4-Chloroaniline
Concen: 57.08 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF082583.D
Acq: 30 Oct 2015 20:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

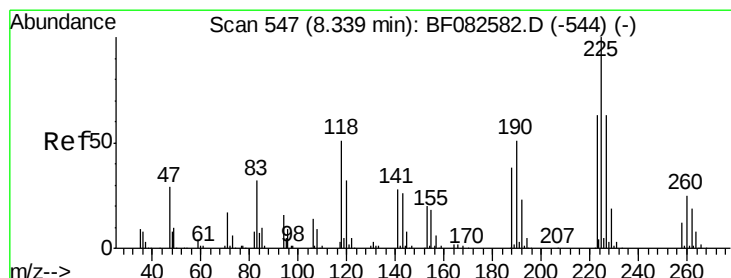
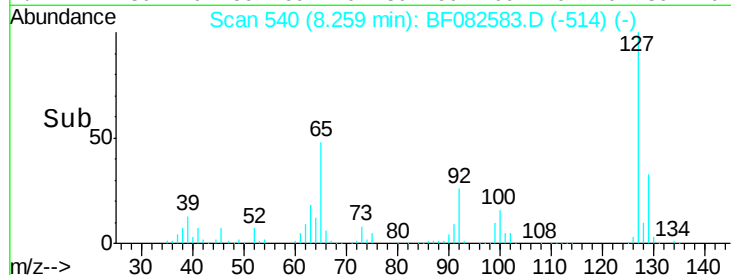
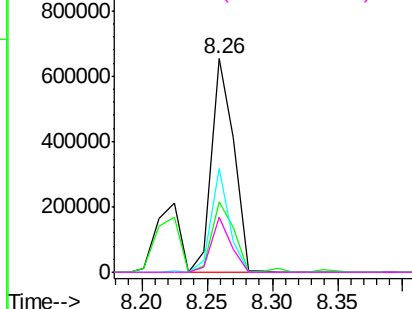
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		776771		
129	33.0	26.3	39.5		
65	48.7	37.8	56.8		
92	25.9	20.6	31.0		

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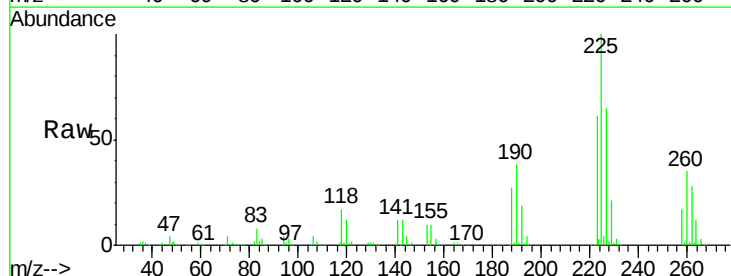


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

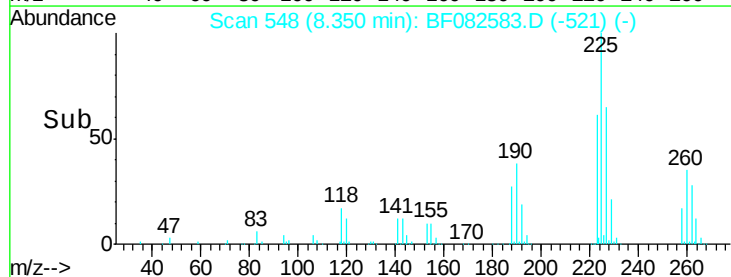
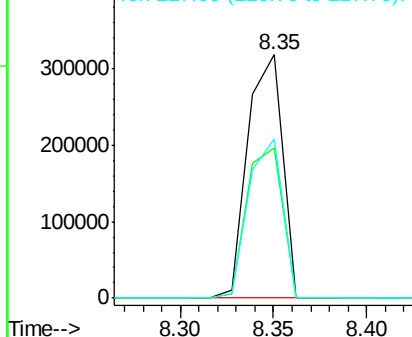


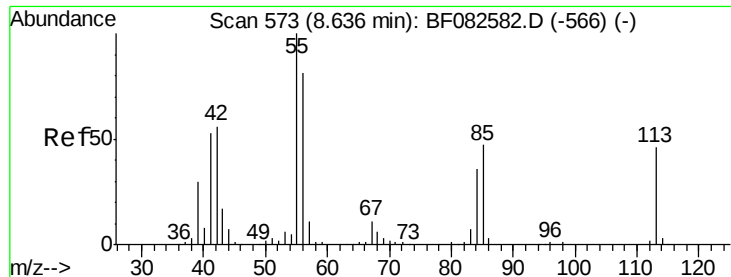
#34
Hexachlorobutadiene
Concen: 58.71 ng
RT: 8.35 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF082583.D
Acq: 30 Oct 2015 20:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		409432		
223	61.5	50.5	75.7		
227	65.2	50.2	75.2		



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





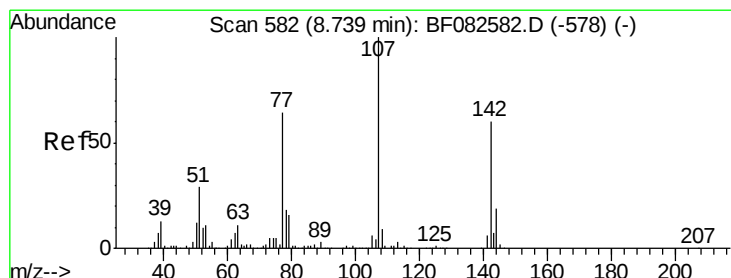
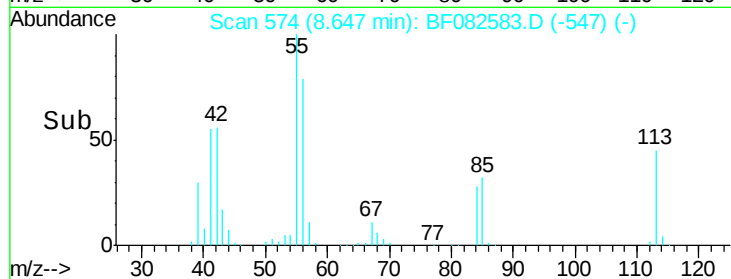
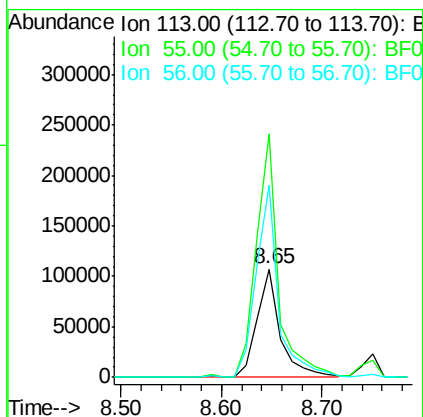
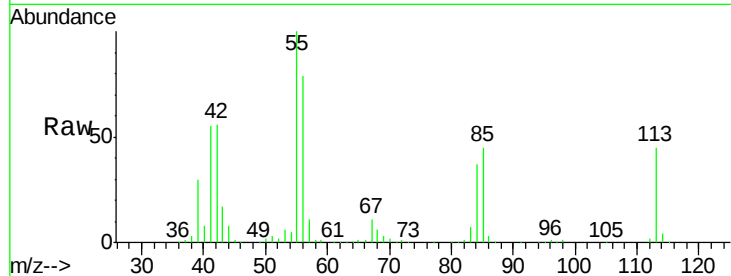
#35
Caprolactam
Concen: 58.15 ng
RT: 8.65 min Scan# 574
Delta R.T. 0.01 min
Lab File: BF082583.D
Acq: 30 Oct 2015 20:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	224.6		195.5	235.5	
56	177.0		153.5	193.5	

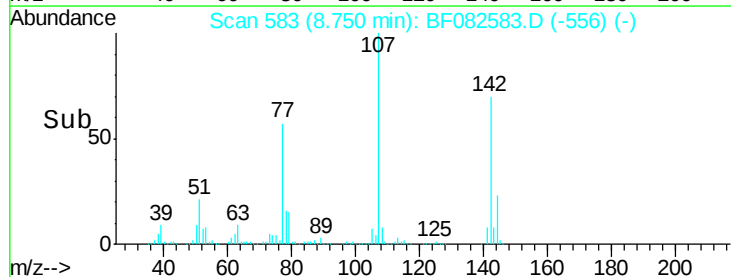
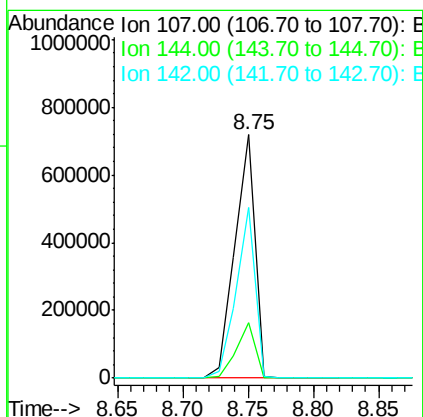
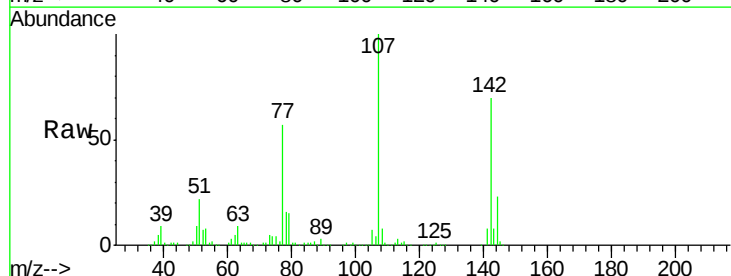
Manual Integrations
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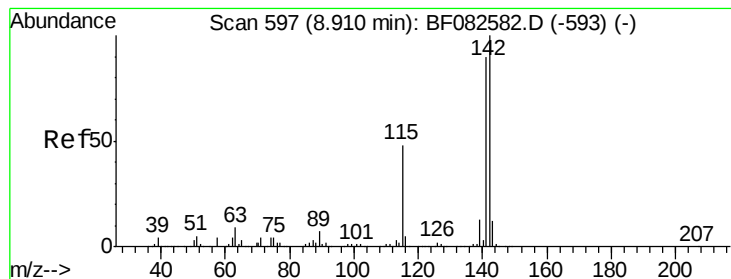
Mmdadoda
11/2/2015 4:32:00 PM



#36
4-Chloro-3-methylphenol
Concen: 74.18 ng
RT: 8.75 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF082583.D
Acq: 30 Oct 2015 20:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	23.0		15.4	23.0	
142	70.3		47.8	71.8	





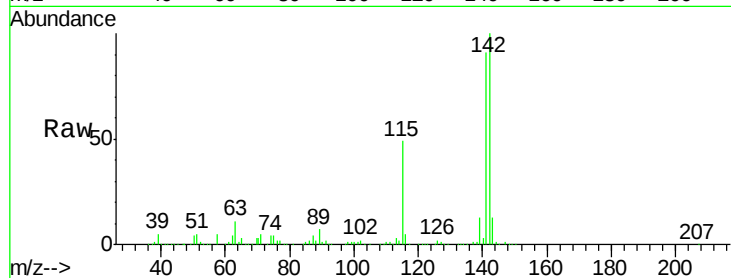
#37
2-Methylnaphthalene
Concen: 51.76 ng
RT: 8.91 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF082583.D
Acq: 30 Oct 2015 20:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.3	108.5
115	49.5	38.1	57.1

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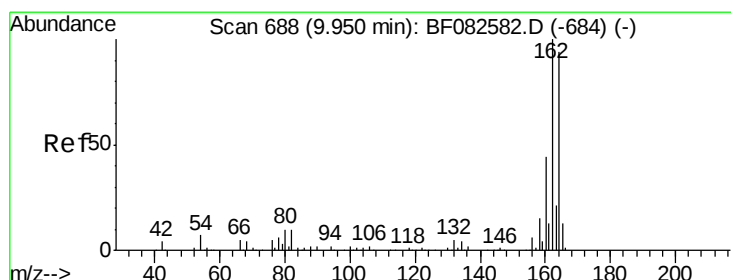
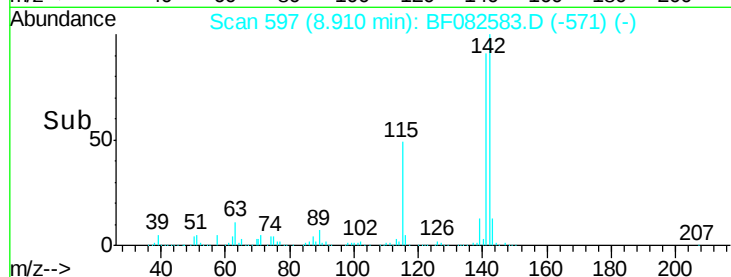
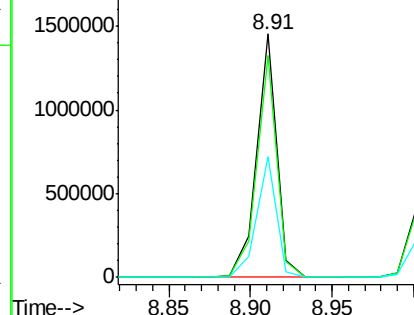


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF082583.D
Acq: 30 Oct 2015 20:34

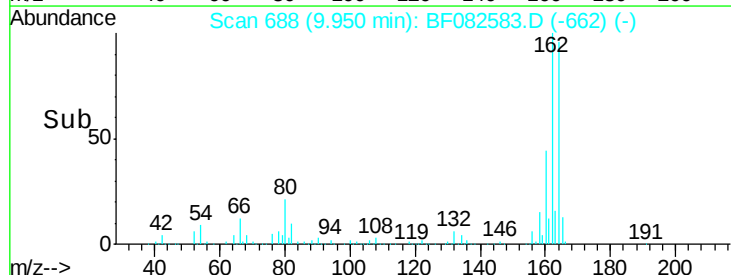
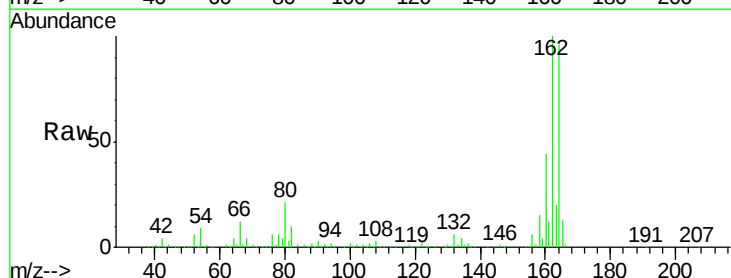
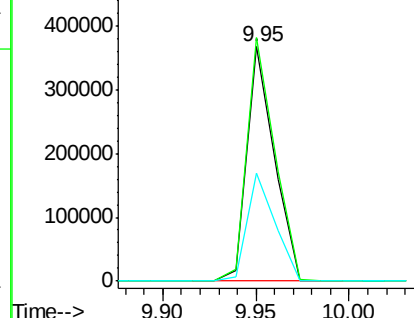
Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	84.9	127.3
160	46.1	37.5	56.3

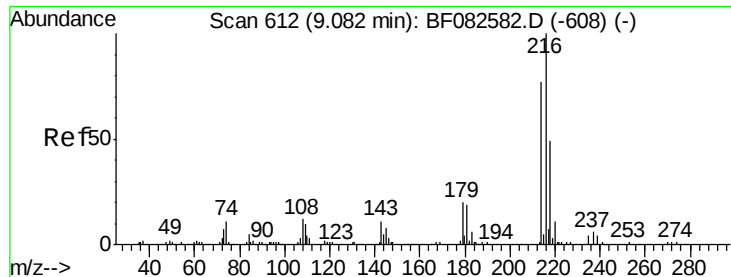
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 59.03 ng

RT: 9.08 min Scan# 612

Delta R.T. -0.00 min

Lab File: BF082583.D

Acq: 30 Oct 2015 20:34

Instrument :

BNA_F

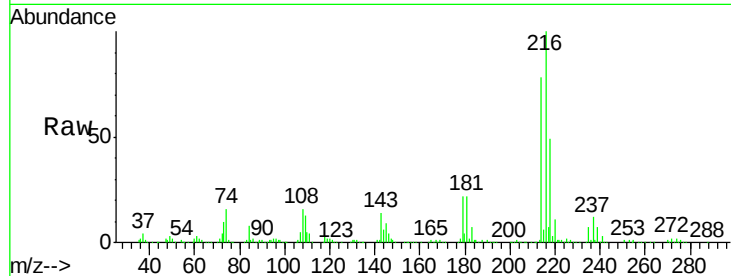
ClientSampleId :

SSTDICC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		680429		
214	77.9	62.2	93.2		
179	23.2	18.1	27.1		
108	21.9	16.6	25.0		

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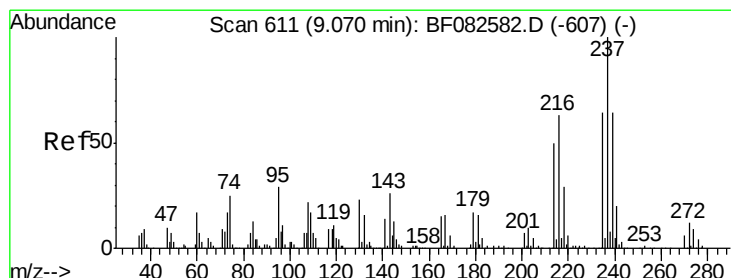
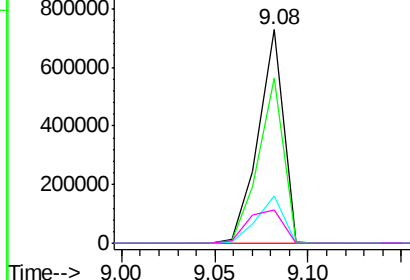
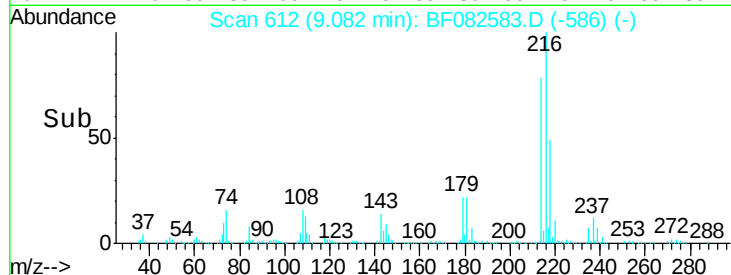


Abundance Ion 216.00 (215.70 to 216.70): E

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: 125.59 ng

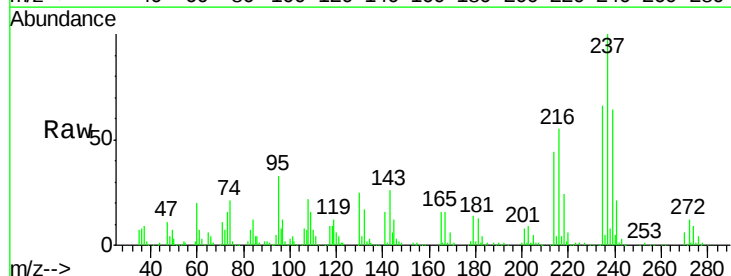
RT: 9.07 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF082583.D

Acq: 30 Oct 2015 20:34

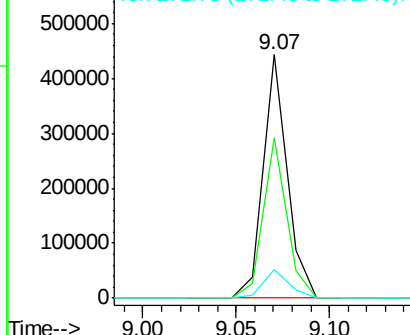
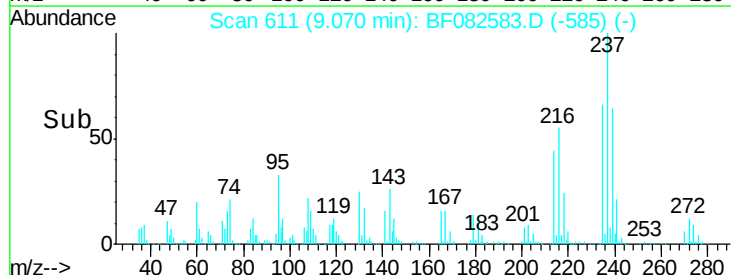
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		391477		
235	65.9	44.3	84.3		
272	11.8	0.0	31.9		

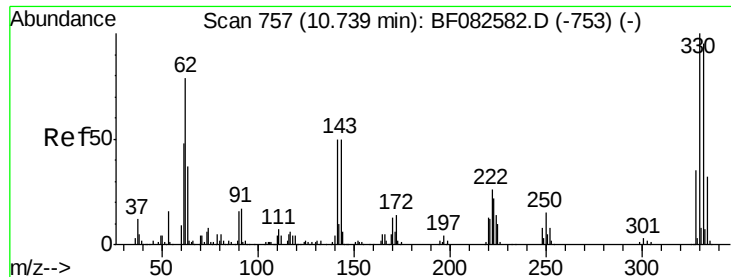


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





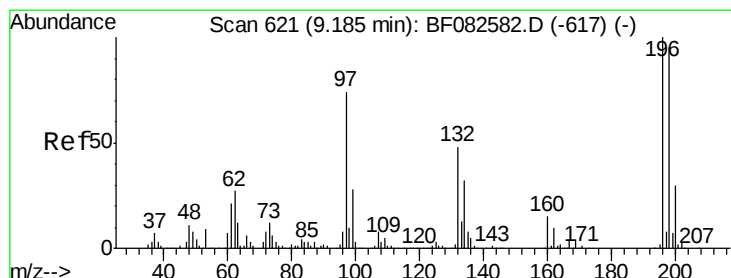
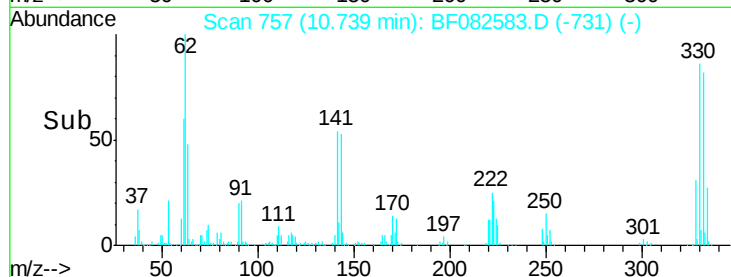
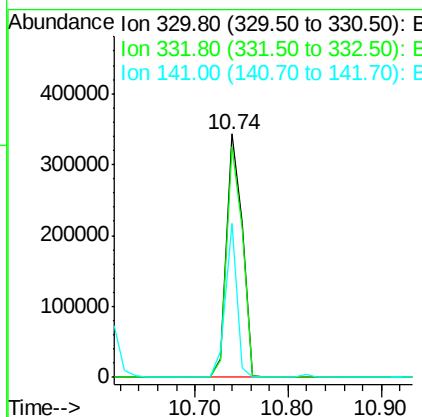
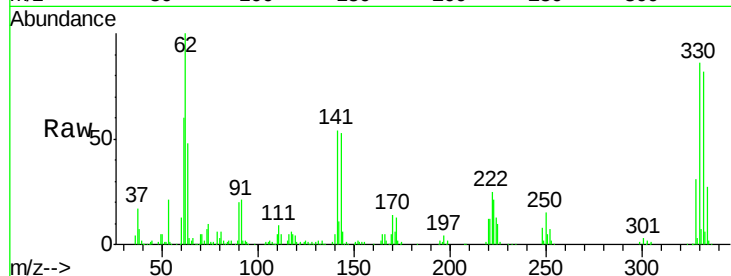
#41
 2,4,6-Tribromophenol
 Concen: 137.67 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF082583.D
 Acq: 30 Oct 2015 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	114.8
141	45.5	41.2	61.8

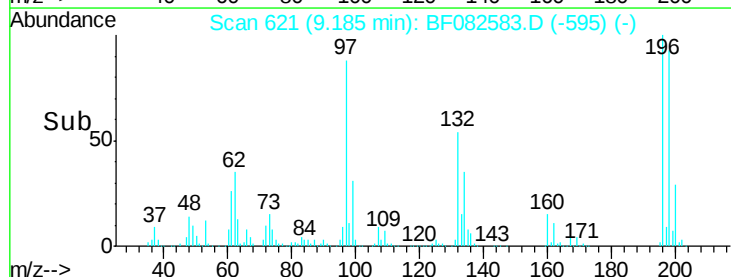
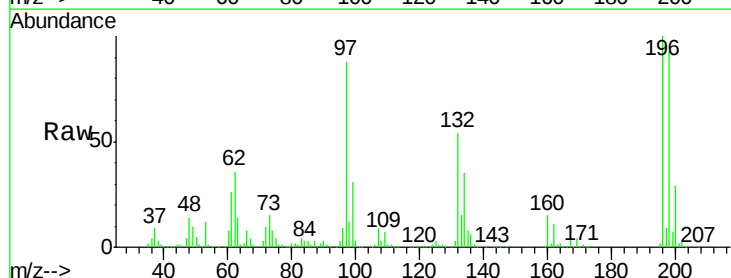
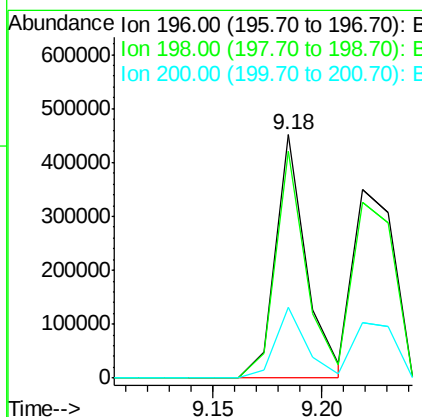
Manual Integrations
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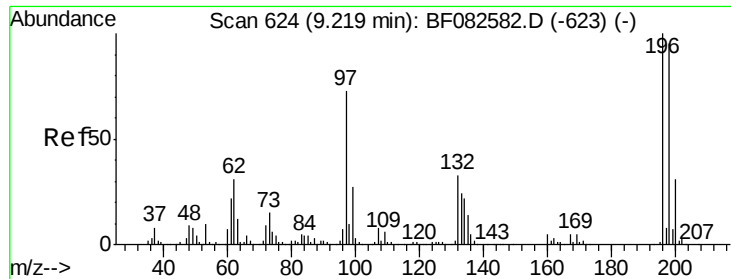
Mmdadoda
 11/2/2015 4:32:00 PM



#42
 2,4,6-Trichlorophenol
 Concen: 60.68 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF082583.D
 Acq: 30 Oct 2015 20:34

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.4	76.3	114.5
200	29.1	23.9	35.9





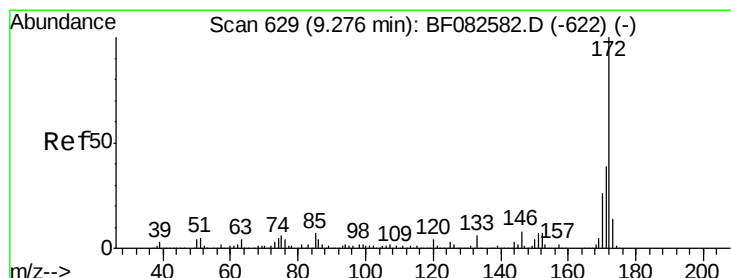
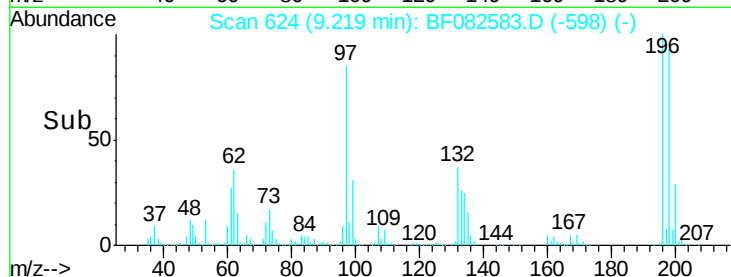
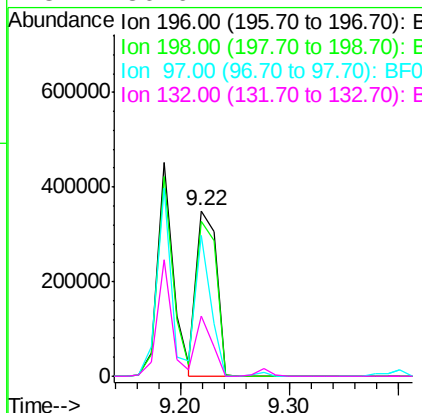
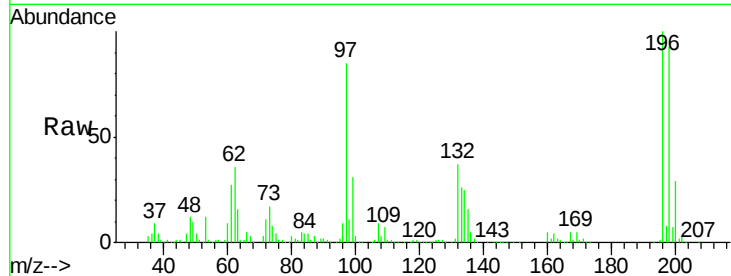
#43
 2,4,5-Trichlorophenol
 Concen: 61.14 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF082583.D
 Acq: 30 Oct 2015 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
196	100	455007		
198	93.5	75.8	113.8	
97	85.1	62.3	93.5	
132	36.6	27.4	41.2	

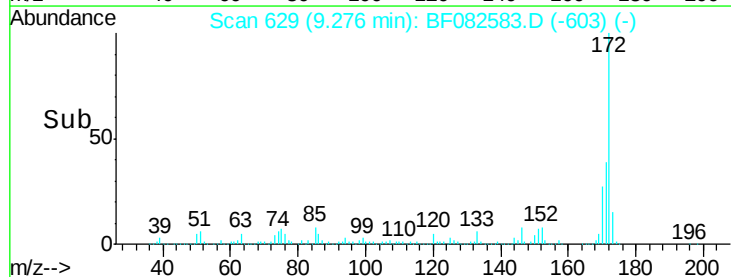
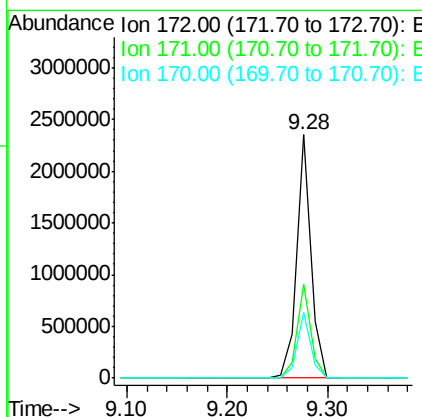
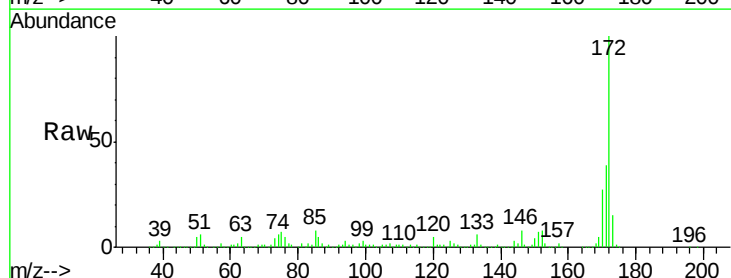
Manual Integrations
 APPROVED

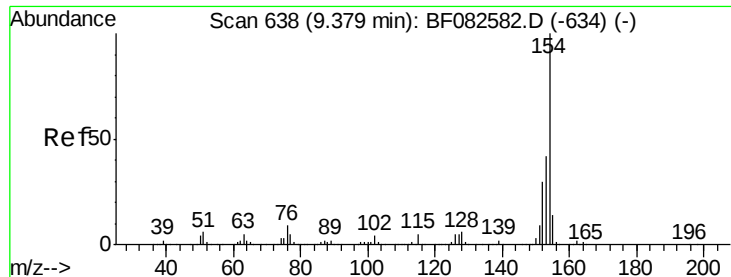
Mmdadoda
 11/2/2015 4:32:00 PM



#44
 2-Fluorobiphenyl
 Concen: 95.34 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF082583.D
 Acq: 30 Oct 2015 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2297306		
171	38.7	30.8	46.2	
170	27.2	21.2	31.8	





#45

1,1'-Biphenyl

Concen: 59.77 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF082583.D

Acq: 30 Oct 2015 20:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:154 Resp: 1702037

Ion Ratio Lower Upper

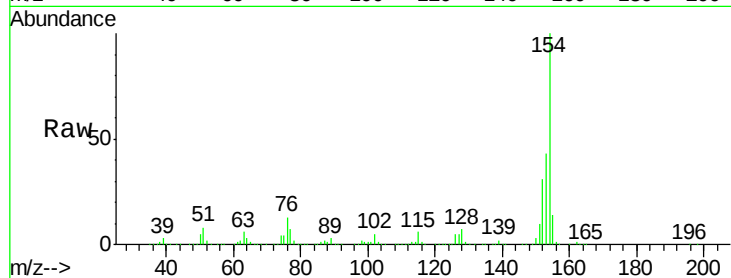
154 100

153 42.8 22.0 62.0

76 12.5 0.0 29.0

Manual Integrations
APPROVED

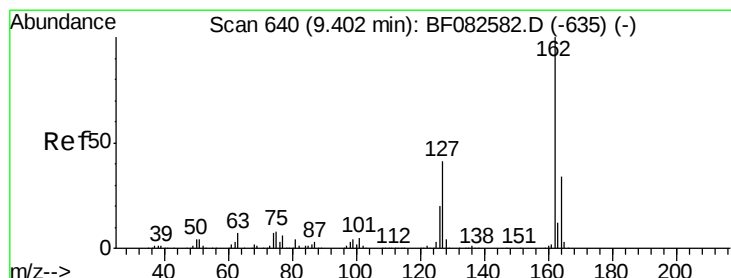
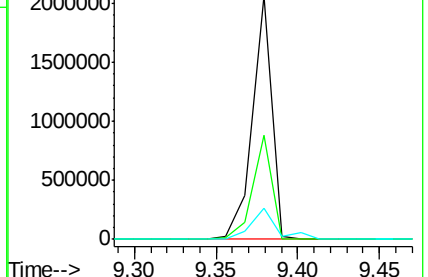
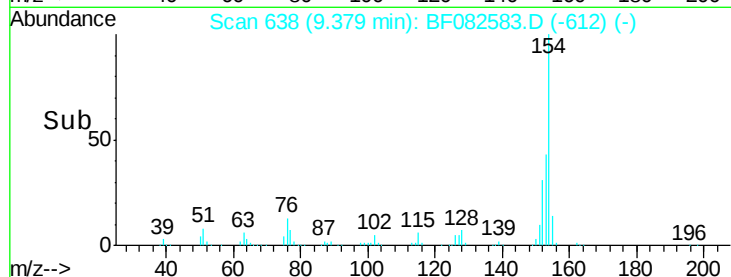
Mmdadoda
11/2/2015 4:32:00 PM



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: 57.47 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.00 min

Lab File: BF082583.D

Acq: 30 Oct 2015 20:34

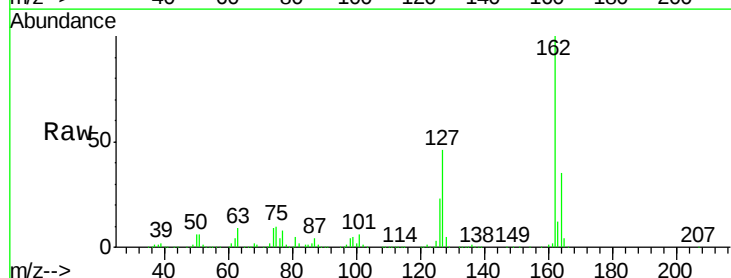
Tgt Ion:162 Resp: 1290416

Ion Ratio Lower Upper

162 100

127 45.9 32.7 49.1

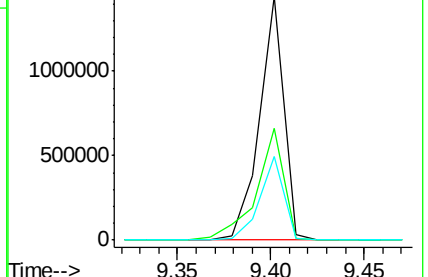
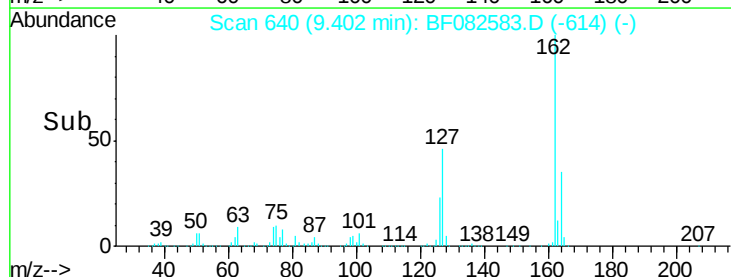
164 34.6 27.4 41.0

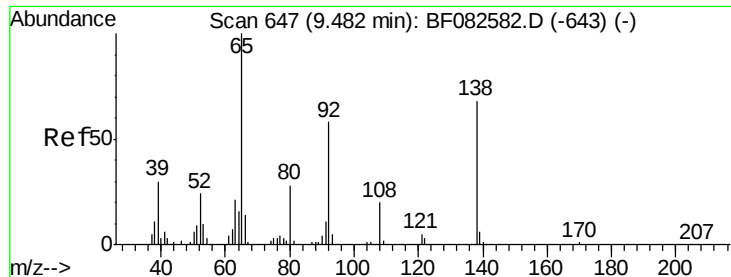


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 79.91 ng

RT: 9.49 min Scan# 648

Delta R.T. 0.01 min

Lab File: BF082583.D

Acq: 30 Oct 2015 20:34

Instrument :

BNA_F

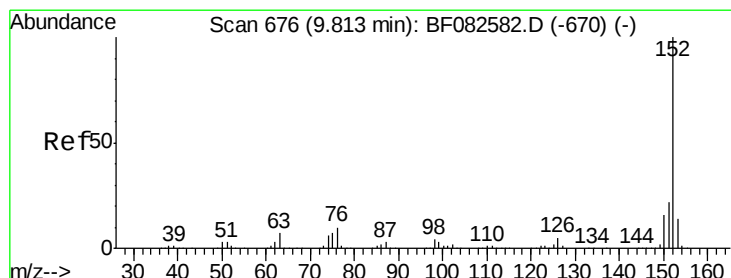
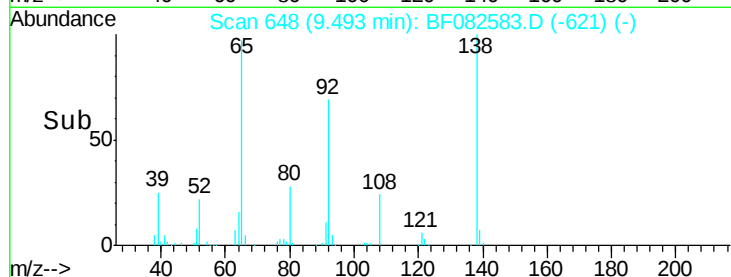
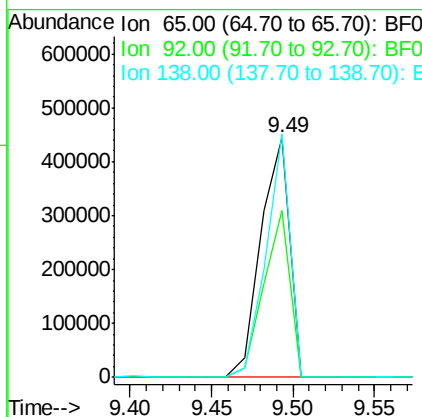
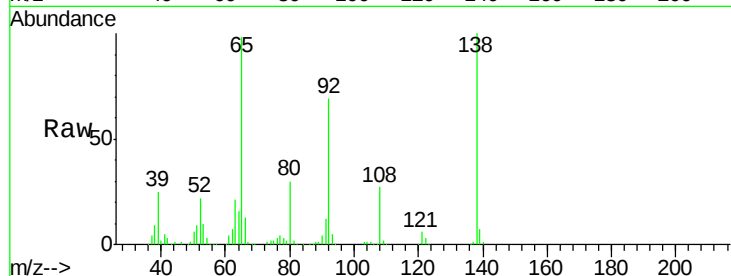
ClientSampleId :

SSTDICC050

Tot Ion:	65	Resp:	542218
Ion Ratio	Lower	Upper	
65	100		
92	69.9	46.6	70.0
138	101.8	54.6	81.8#

Manual Integrations
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Mmdadoda
11/2/2015 4:32:00 PM



#48

Acenaphthylene

Concen: 50.83 ng

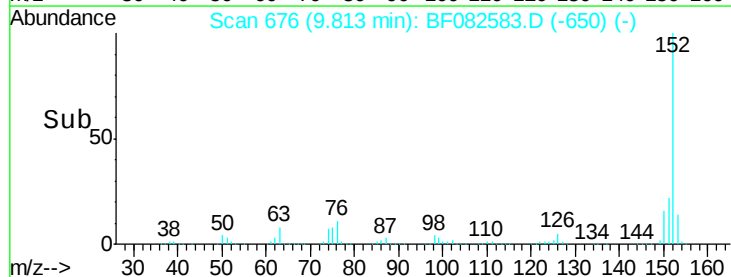
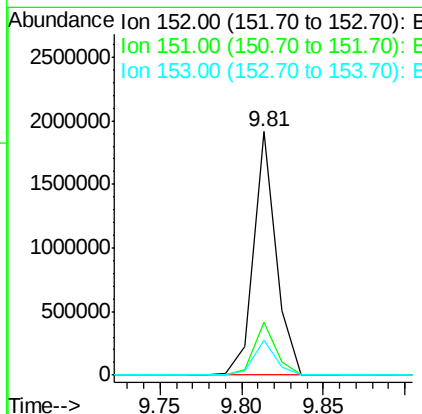
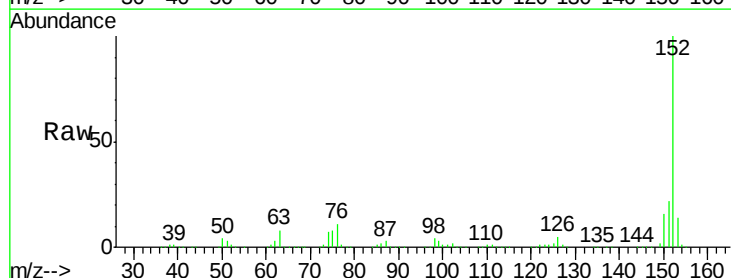
RT: 9.81 min Scan# 676

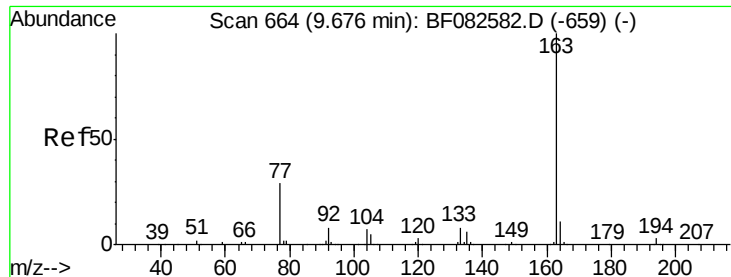
Delta R.T. -0.00 min

Lab File: BF082583.D

Acq: 30 Oct 2015 20:34

Tgt Ion:	152	Resp:	1828124
Ion Ratio	Lower	Upper	
152	100		
151	21.9	17.3	25.9
153	14.4	11.3	16.9





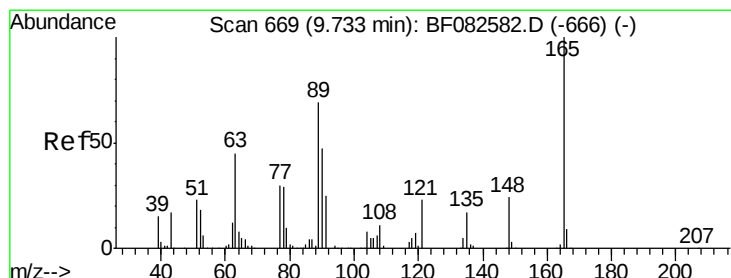
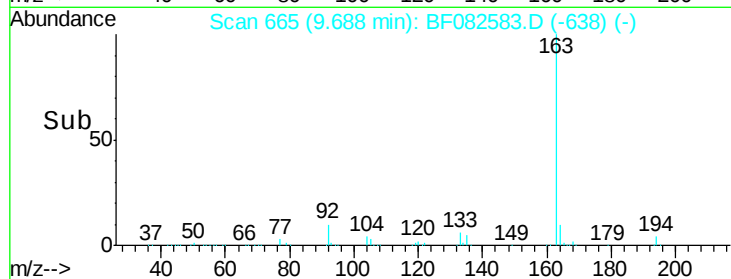
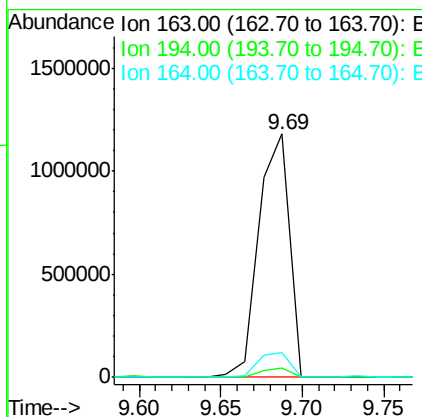
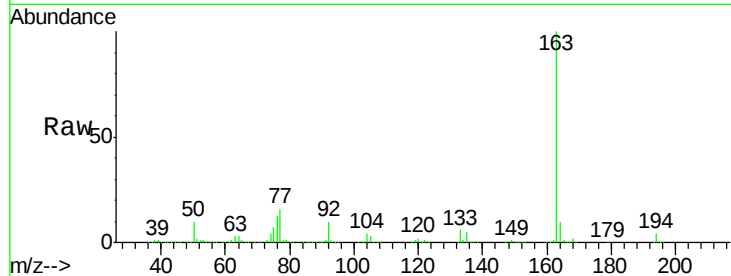
#49
Dimethylphthalate
Concen: 58.67 ng
RT: 9.69 min Scan# 665
Delta R.T. 0.01 min
Lab File: BF082583.D
Acq: 30 Oct 2015 20:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:163 Resp: 1540661
Ion Ratio Lower Upper
163 100
194 4.1 2.6 4.0#
164 10.2 8.7 13.1

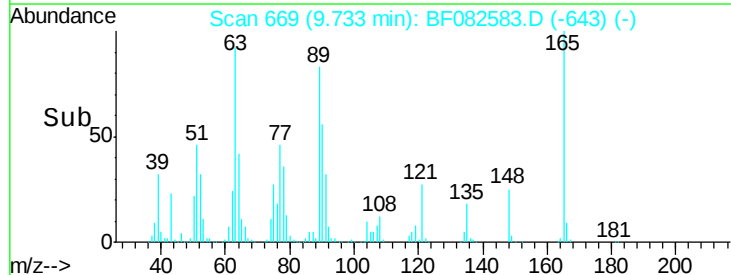
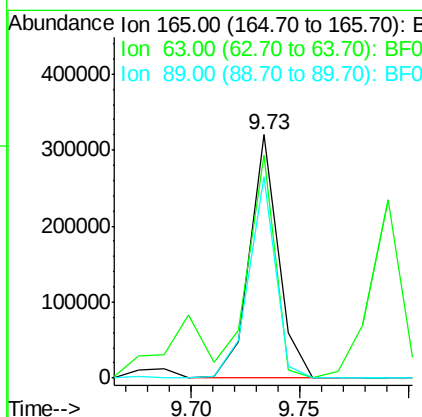
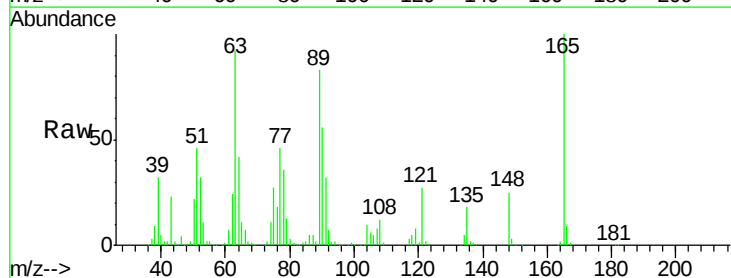
Manual Integrations
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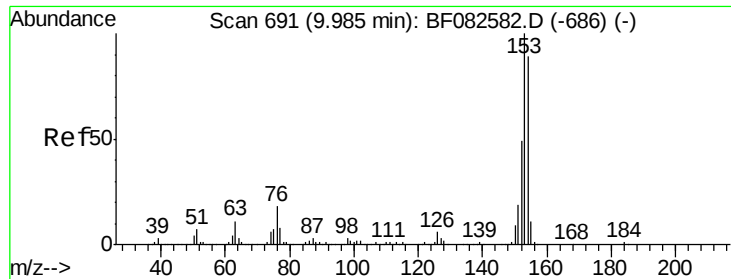
Mmdadoda
11/2/2015 4:32:00 PM



#50
2,6-Dinitrotoluene
Concen: 50.40 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF082583.D
Acq: 30 Oct 2015 20:34

Tgt Ion:165 Resp: 293872
Ion Ratio Lower Upper
165 100
63 91.8 55.5 83.3#
89 82.9 55.0 82.6#





#51

Acenaphthene

Concen: 58.00 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF082583.D

Acq: 30 Oct 2015 20:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:154 Resp: 1205109

Ion Ratio Lower Upper

154 100

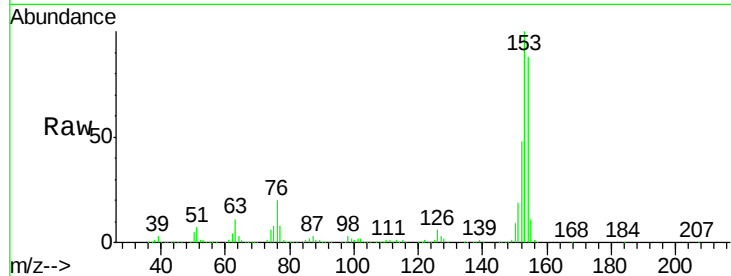
153 113.3 90.1 135.1

152 54.7 44.3 66.5

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Mmdadoda

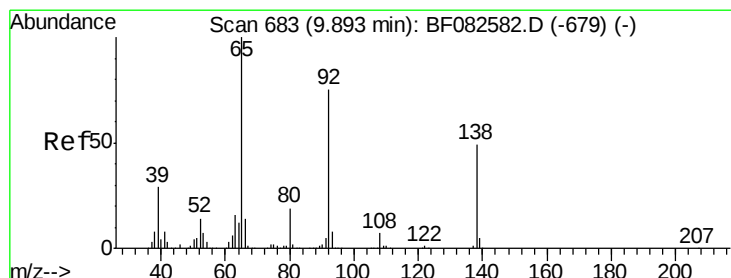
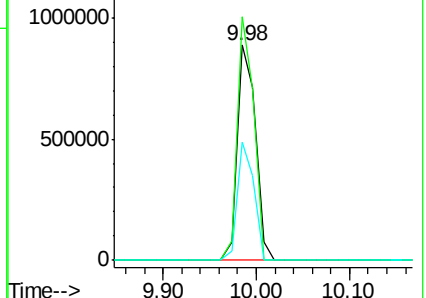
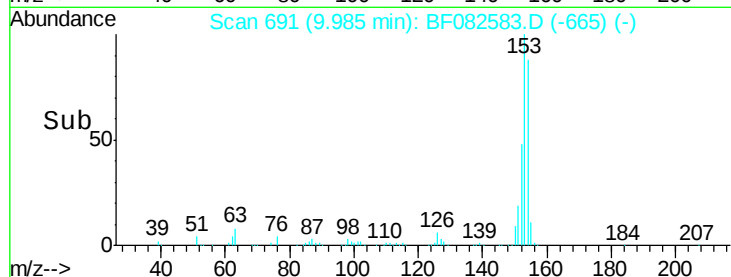
11/2/2015 4:32:00 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 63.80 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.01 min

Lab File: BF082583.D

Acq: 30 Oct 2015 20:34

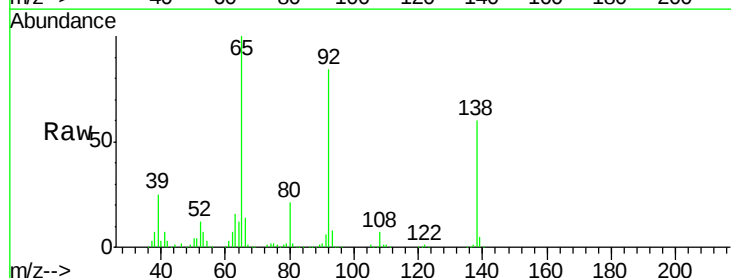
Tgt Ion:138 Resp: 399082

Ion Ratio Lower Upper

138 100

108 12.4 11.3 16.9

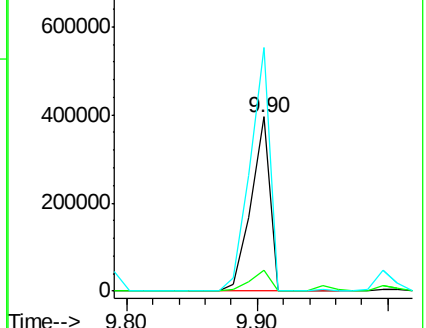
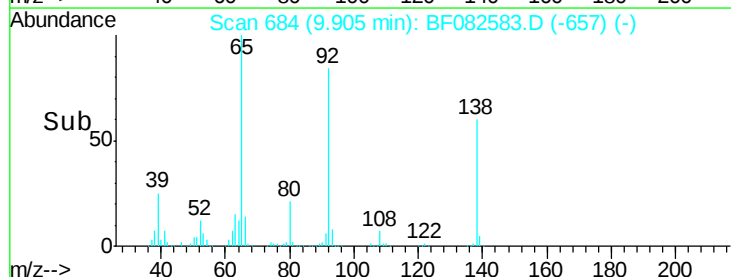
92 139.7 122.4 183.6

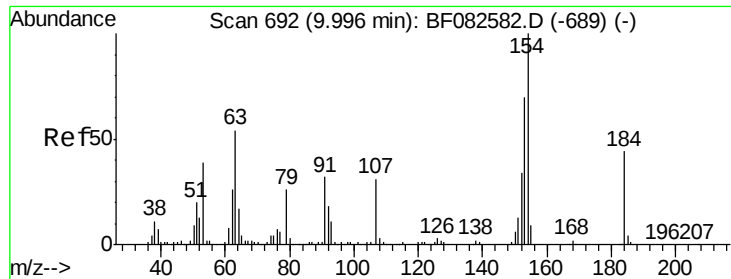


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





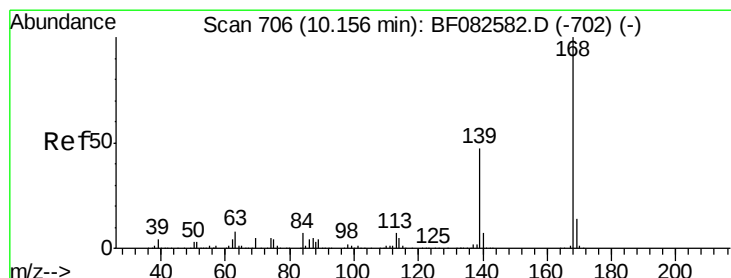
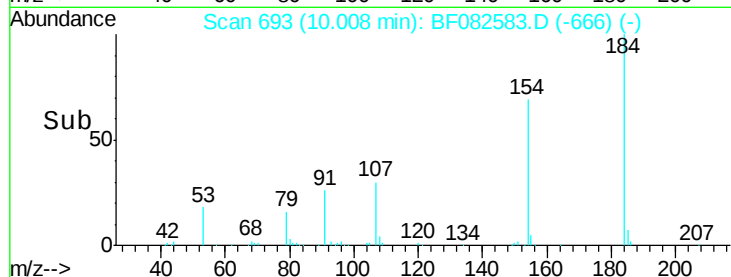
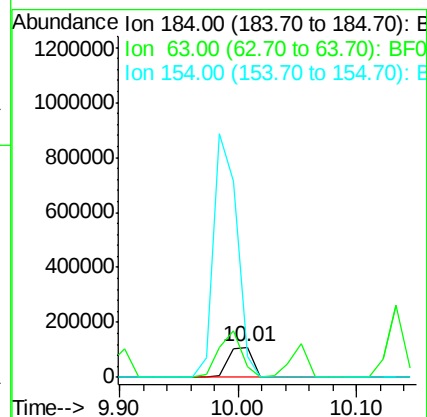
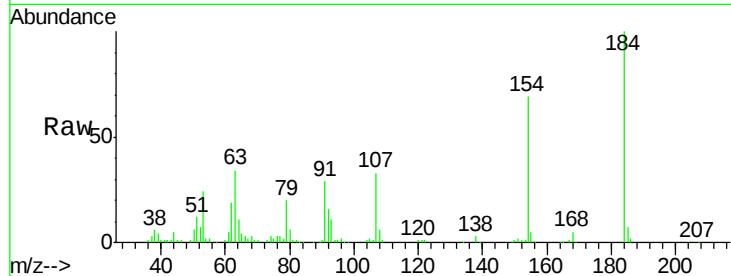
#53
2,4-Dinitrophenol
Concen: 68.99 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF082583.D
Acq: 30 Oct 2015 20:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
184	100	151924		
63	33.7	98.6	148.0#	
154	68.7	183.9	275.9#	

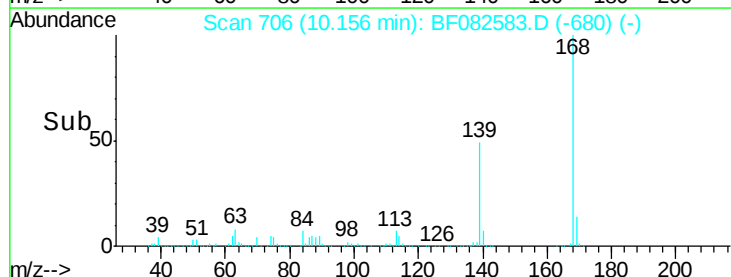
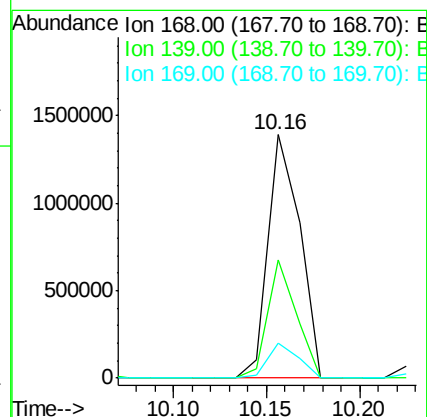
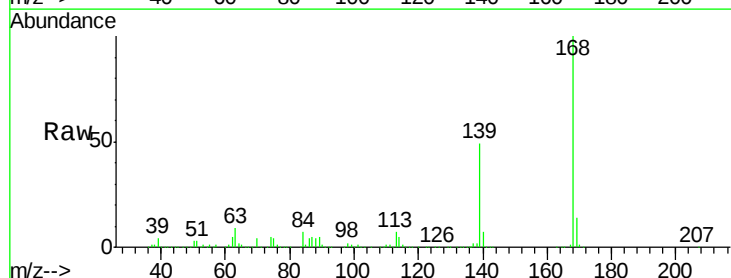
Manual Integrations
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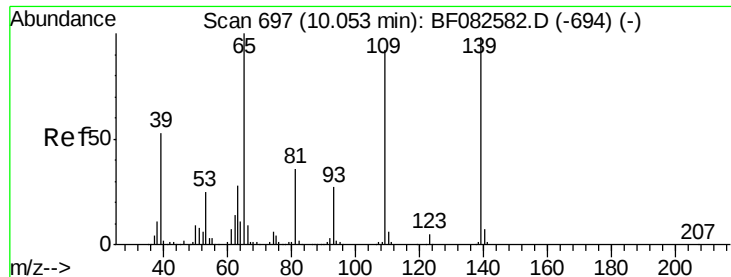
Mmdadoda
11/2/2015 4:32:00 PM



#54
Dibenzofuran
Concen: 54.98 ng
RT: 10.16 min Scan# 706
Delta R.T. -0.00 min
Lab File: BF082583.D
Acq: 30 Oct 2015 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1640996		
139	48.7	37.8	56.6	
169	14.3	11.3	16.9	





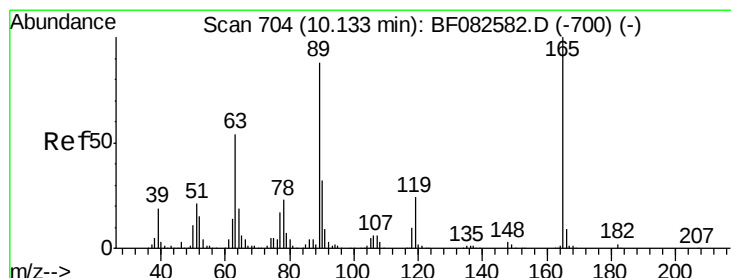
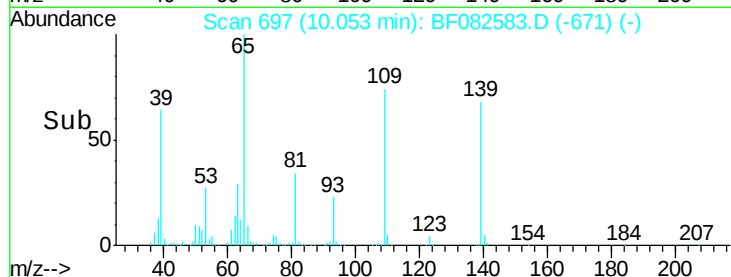
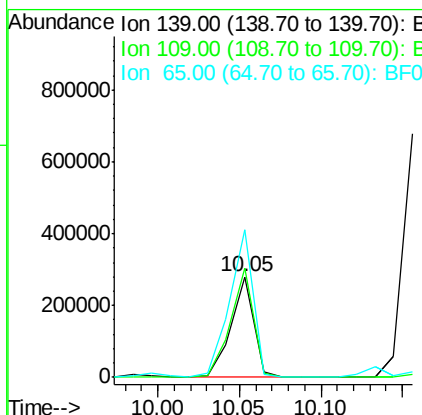
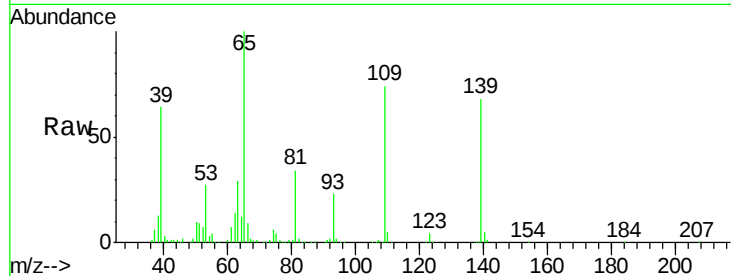
#55
4-Nitrophenol
Concen: 96.56 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF082583.D
Acq: 30 Oct 2015 20:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
139	100	268611		
109	108.9	73.7	113.7	
65	147.3	82.9	122.9	

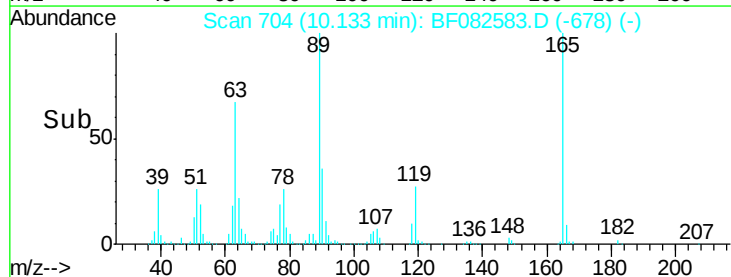
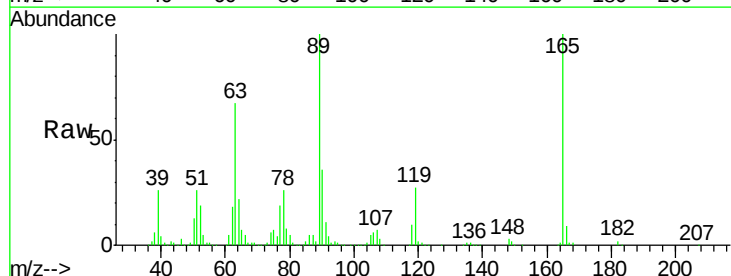
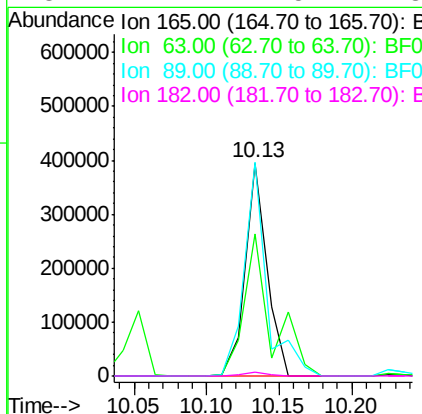
Manual Integrations
APPROVED

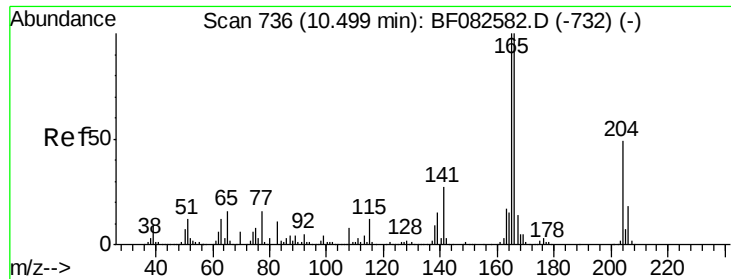
Mmdadoda
11/2/2015 4:32:00 PM



#56
2,4-Dinitrotoluene
Concen: 56.10 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF082583.D
Acq: 30 Oct 2015 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	409754		
63	67.1	43.4	65.0	
89	100.4	70.6	106.0	
182	2.1	1.5	2.3	





#57

Fluorene

Concen: 51.98 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF082583.D

Acq: 30 Oct 2015 20:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:166 Resp: 1278896

Ion Ratio Lower Upper

166 100

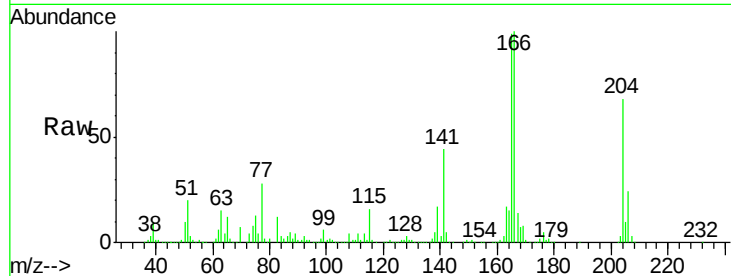
165 98.6 80.2 120.4

167 14.2 11.2 16.8

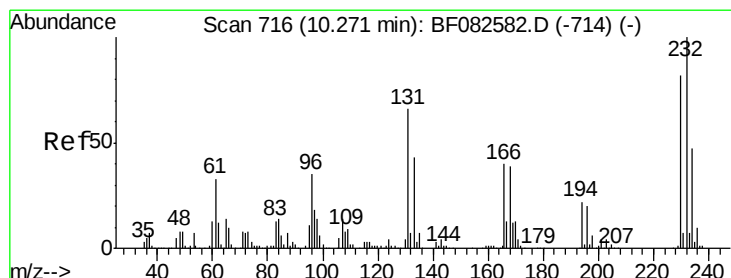
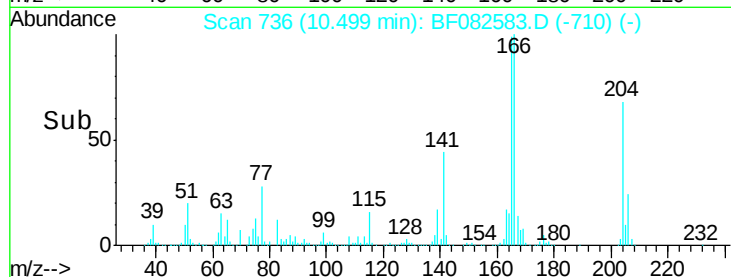
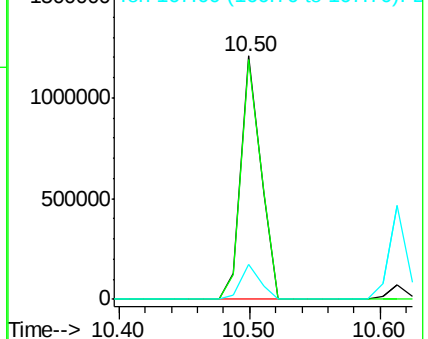
Manual Integrations
APPROVED

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11/2/2015 4:32:00 PM



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 63.20 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF082583.D

Acq: 30 Oct 2015 20:34

Tgt Ion:232 Resp: 369796

Ion Ratio Lower Upper

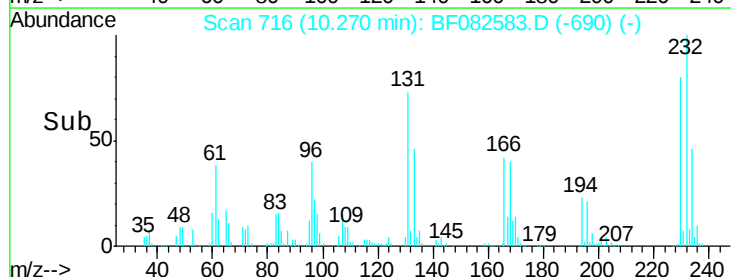
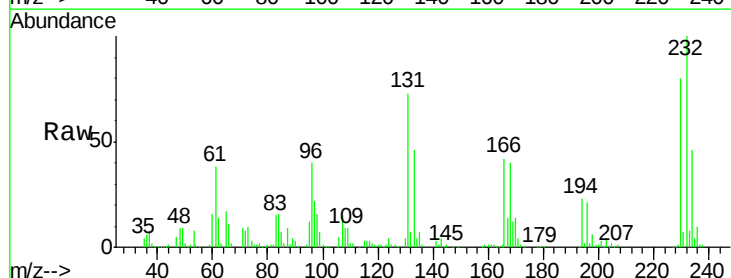
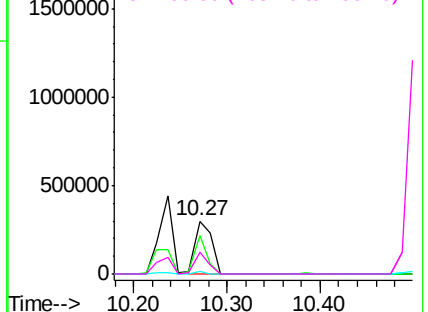
232 100

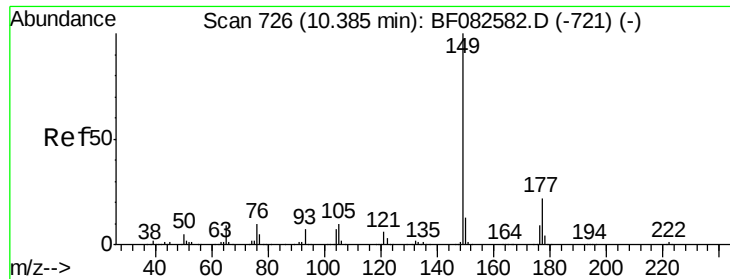
131 53.3 46.2 69.2

130 3.0 2.4 3.6

166 34.1 28.2 42.2

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





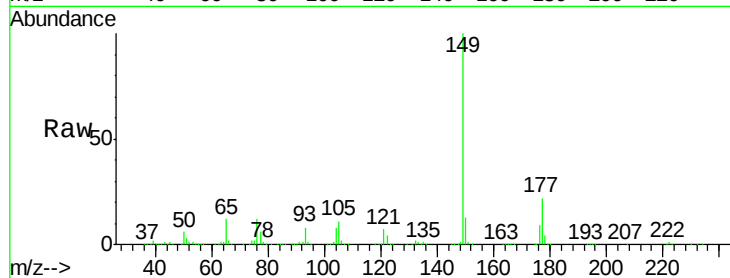
#59
Diethylphthalate
Concen: 61.48 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF082583.D
Acq: 30 Oct 2015 20:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

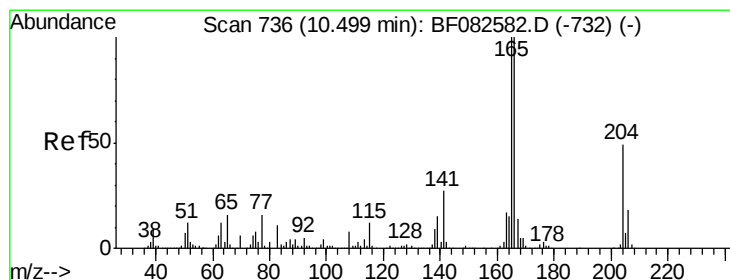
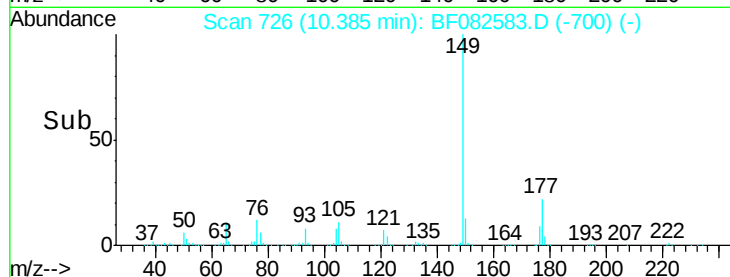
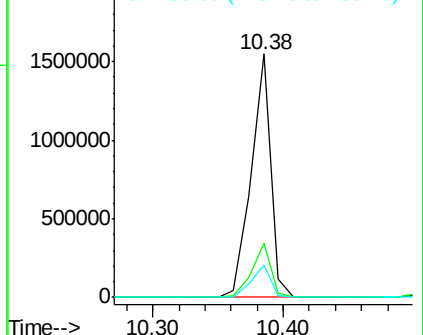
Tot Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.9	26.9
150	13.3	10.1	15.1

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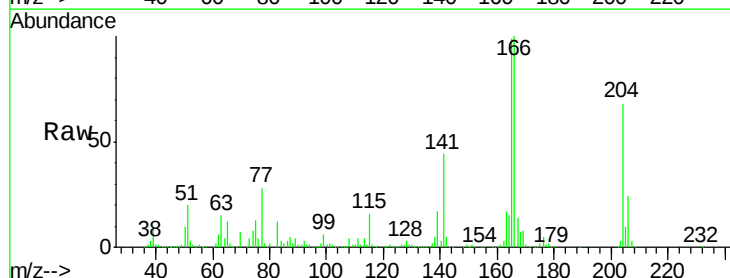


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

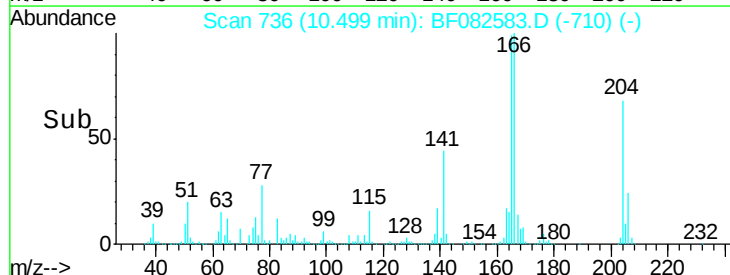
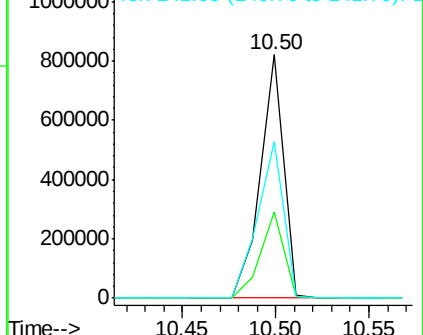


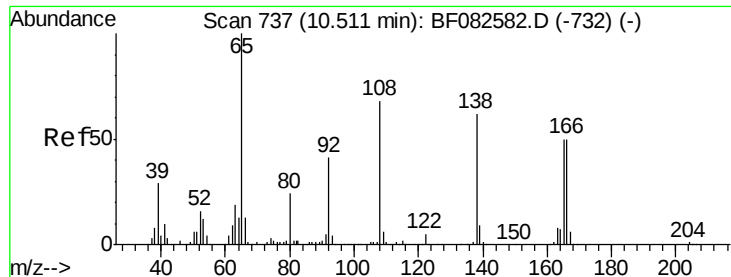
#60
4-Chlorophenyl-phenylether
Concen: 59.93 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF082583.D
Acq: 30 Oct 2015 20:34

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.4	28.5	42.7
141	64.1	44.6	66.8



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





#61

4-Nitroaniline

Concen: 61.53 ng

RT: 10.52 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF082583.D

Acq: 30 Oct 2015 20:34

Instrument :

BNA_F

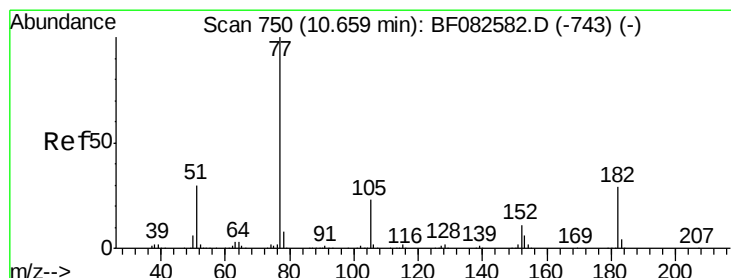
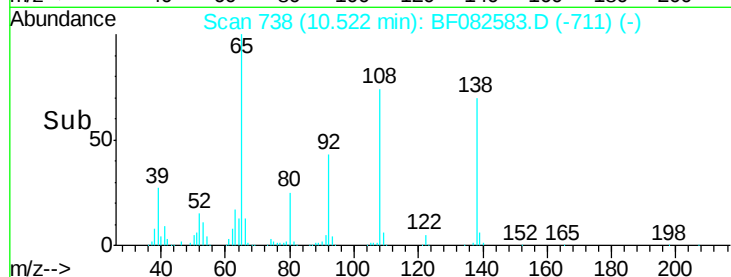
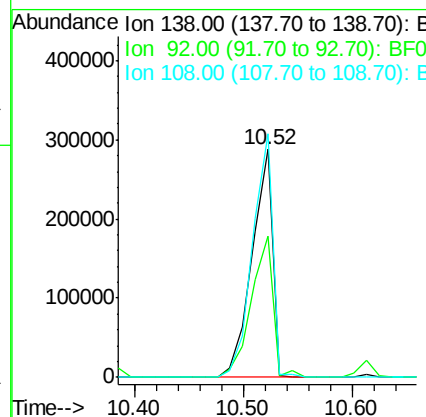
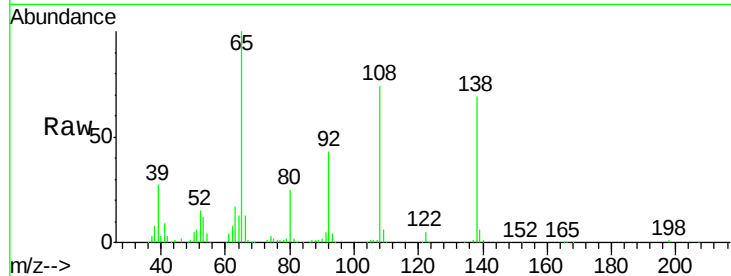
ClientSampleId :

SSTDIC050

Tot Ion	Ratio	Lower	Upper
138	100		
92	62.1	45.8	85.8
108	106.8	89.4	129.4

Manual Integrations
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#62

Azobenzene

Concen: 72.64 ng

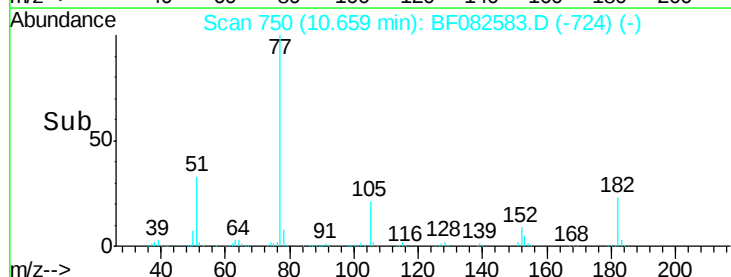
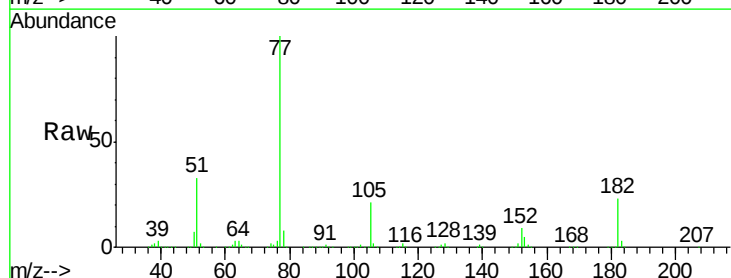
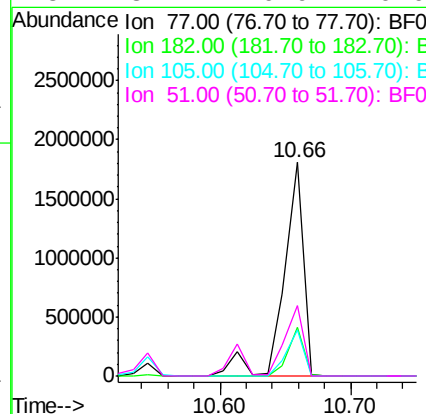
RT: 10.66 min Scan# 750

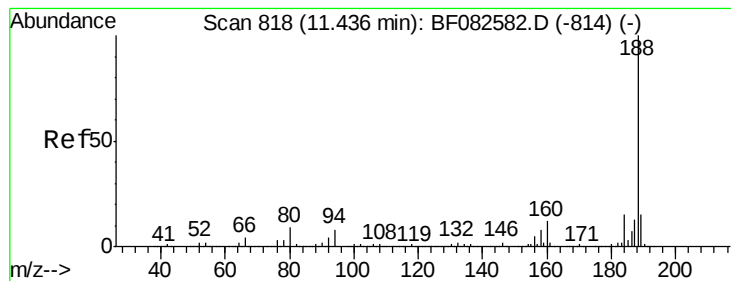
Delta R.T. -0.00 min

Lab File: BF082583.D

Acq: 30 Oct 2015 20:34

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.8	9.3	49.3
105	21.5	2.6	42.6
51	32.7	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF082583.D

Acq: 30 Oct 2015 20:34

Instrument :

BNA_F

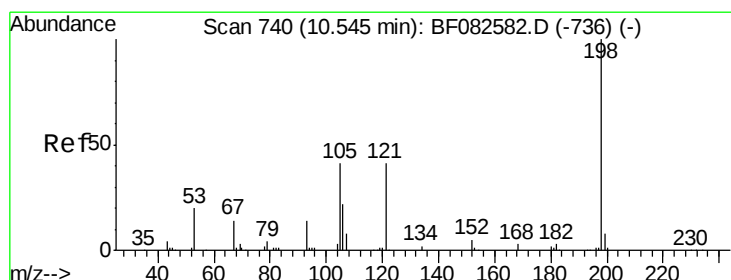
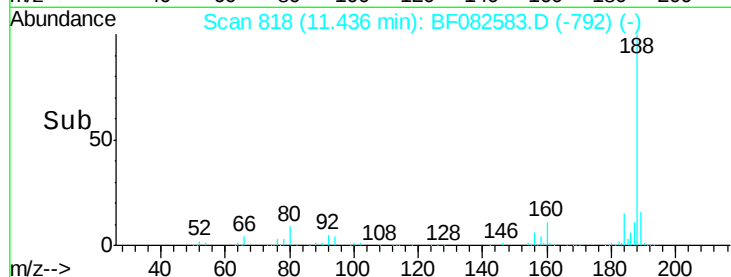
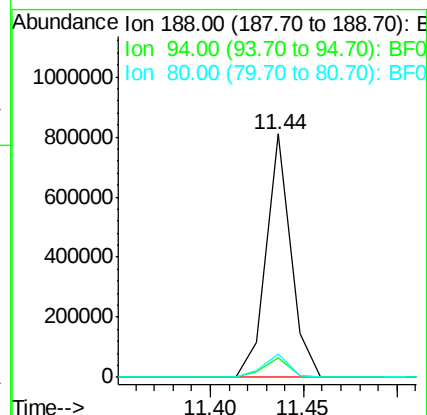
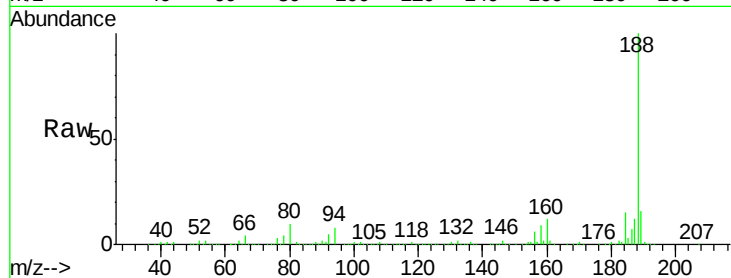
ClientSampleId :

SSTDICC050

Tot Ion:	188	Resp:	738832
Ion Ratio	Lower	Upper	
188	100		
94	8.2	6.1	9.1
80	9.8	7.0	10.6

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 51.81 ng

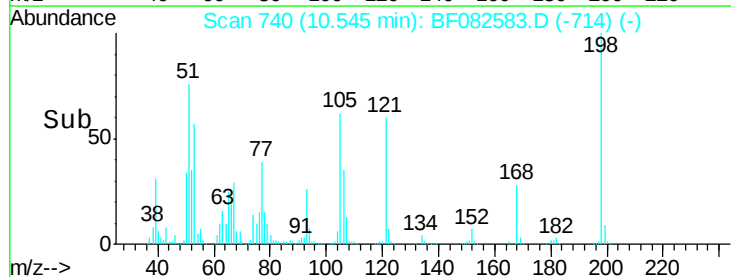
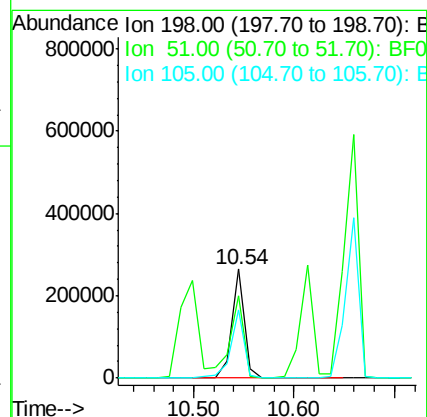
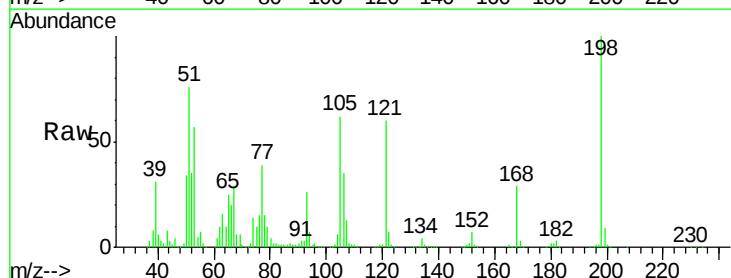
RT: 10.54 min Scan# 740

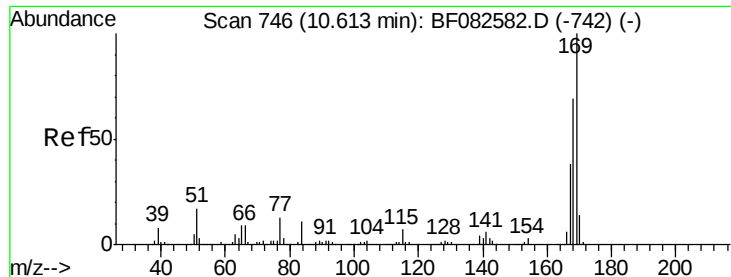
Delta R.T. -0.00 min

Lab File: BF082583.D

Acq: 30 Oct 2015 20:34

Tgt Ion:	198	Resp:	231366
Ion Ratio	Lower	Upper	
198	100		
51	75.7	17.3	57.3#
105	62.3	21.7	61.7#





#65

n-Nitrosodiphenylamine

Concen: 49.89 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF082583.D

Acq: 30 Oct 2015 20:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:169 Resp: 1156264

Ion Ratio Lower Upper

169 100

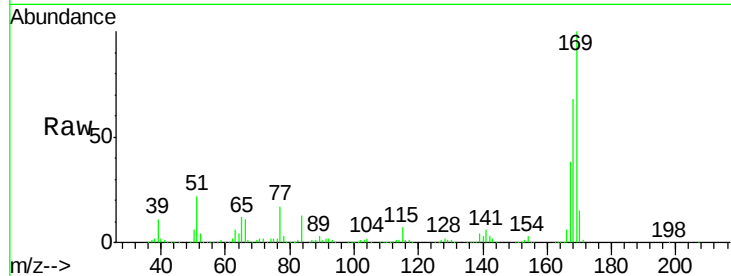
168 68.3 55.0 82.6

167 37.9 30.5 45.7

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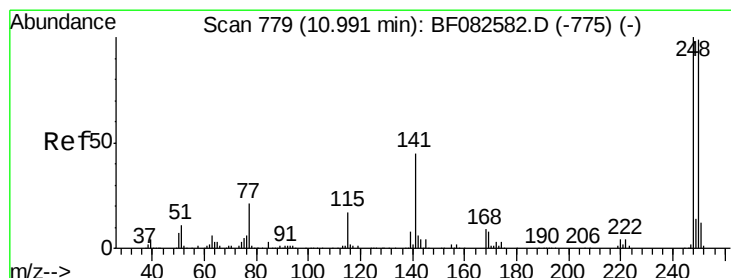
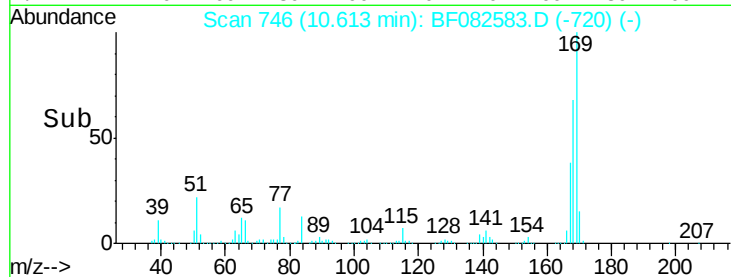
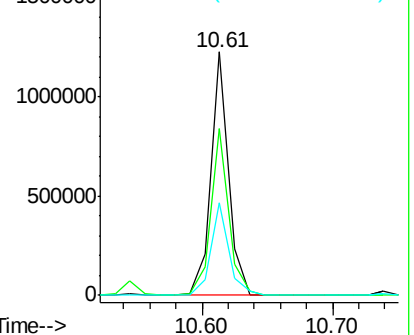
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 61.52 ng

RT: 10.99 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF082583.D

Acq: 30 Oct 2015 20:34

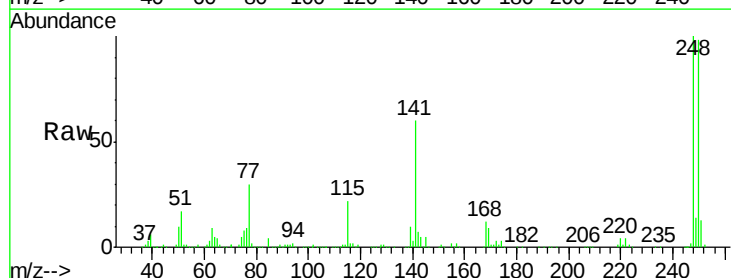
Tgt Ion:248 Resp: 439565

Ion Ratio Lower Upper

248 100

250 97.9 79.4 119.2

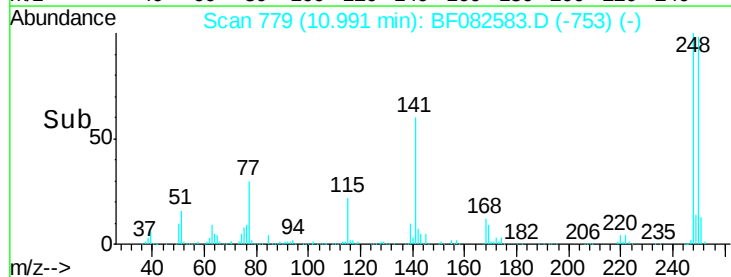
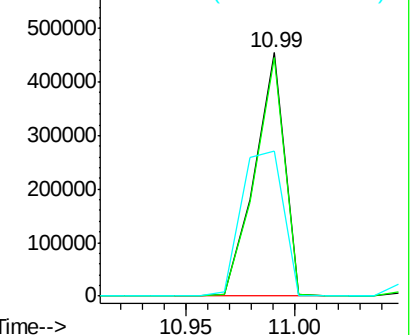
141 59.8 36.3 54.5#

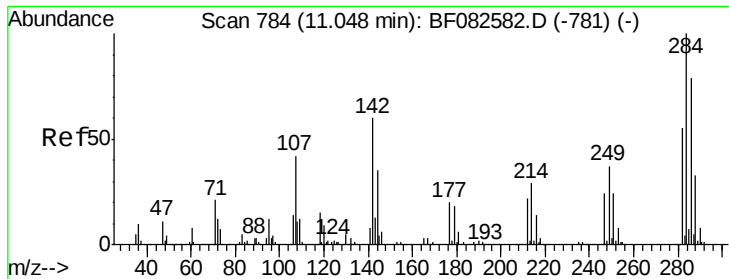


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





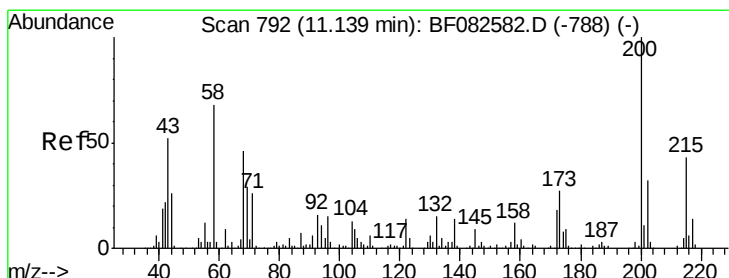
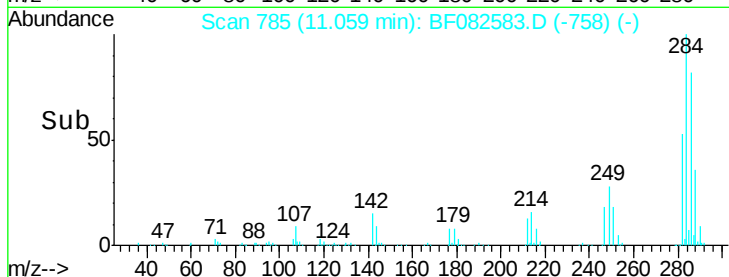
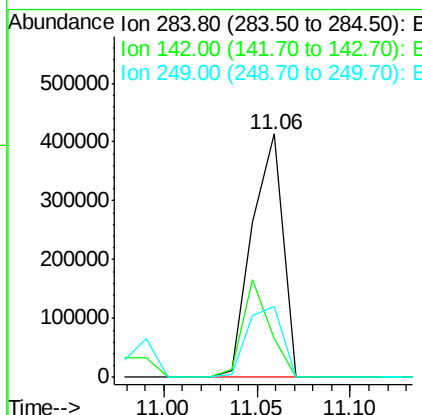
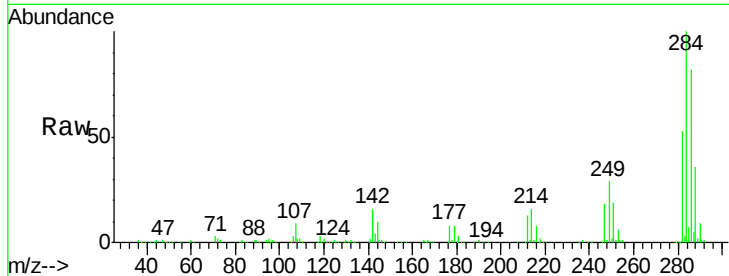
#67
Hexachlorobenzene
Concen: 62.85 ng
RT: 11.06 min Scan# 785
Delta R.T. 0.01 min
Lab File: BF082583.D
Acq: 30 Oct 2015 20:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
284	100	473931		
142	15.9	47.9	71.9#	
249	29.0	29.7	44.5#	

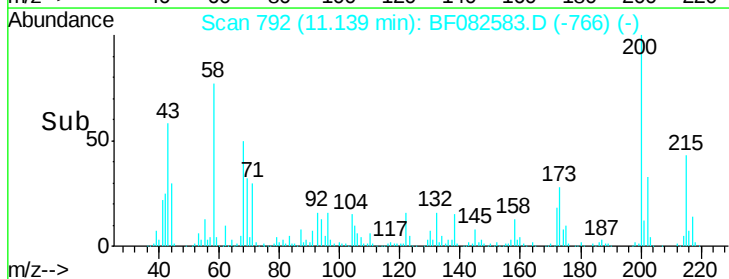
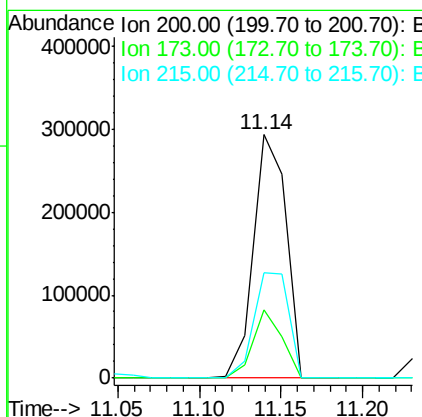
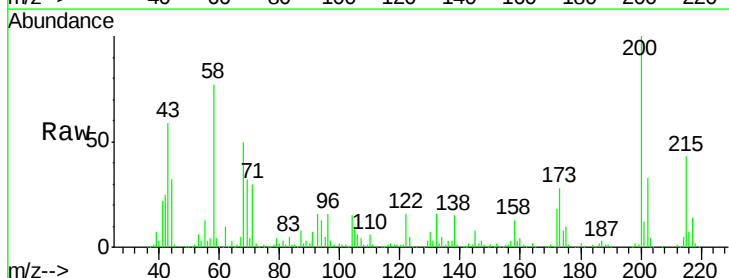
Manual Integrations
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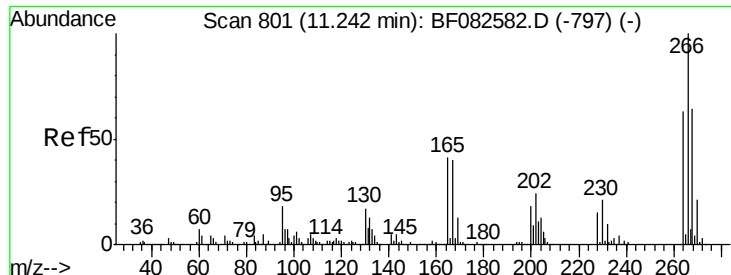
Mmdadoda
11/2/2015 4:32:00 PM



#68
Atrazine
Concen: 58.11 ng
RT: 11.14 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF082583.D
Acq: 30 Oct 2015 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	407082		
173	28.0	6.9	46.9	
215	43.3	22.9	62.9	





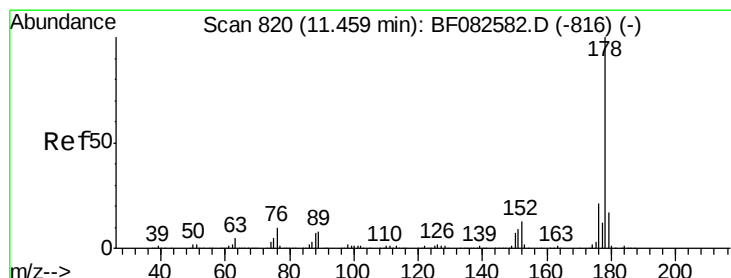
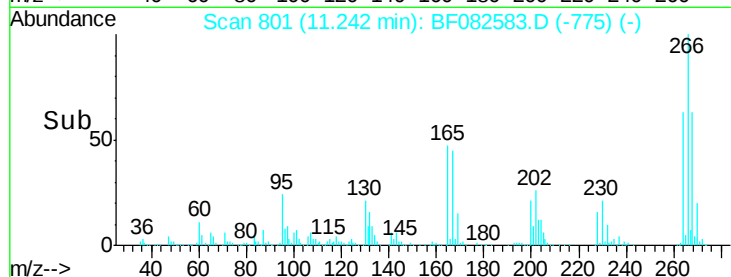
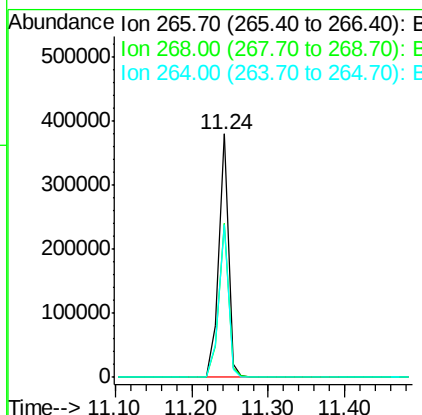
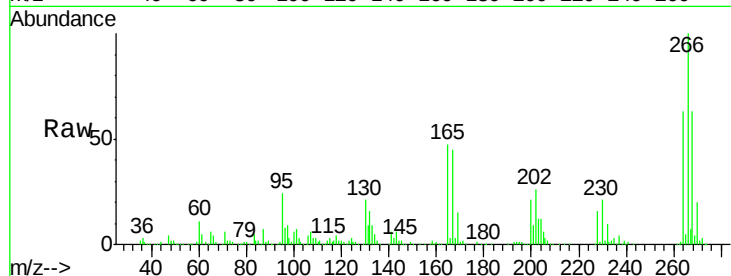
#69
 Pentachlorophenol
 Concen: 105.33 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF082583.D
 Acq: 30 Oct 2015 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.0	76.6
264	62.5	50.6	75.8

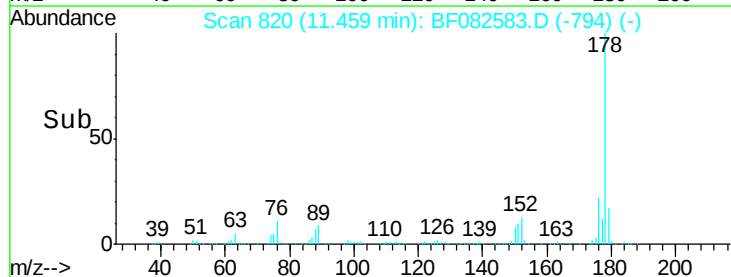
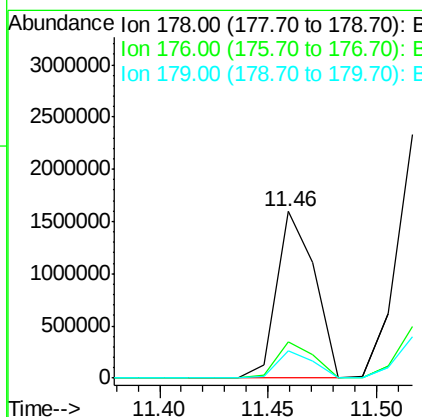
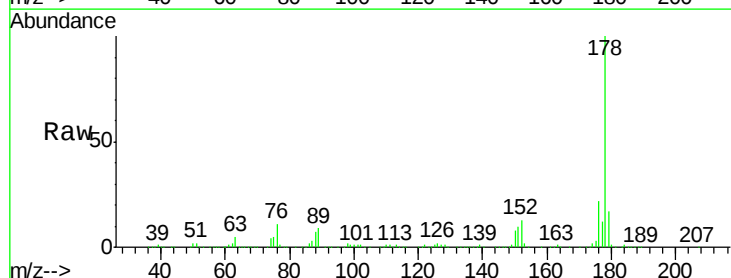
Manual Integrations
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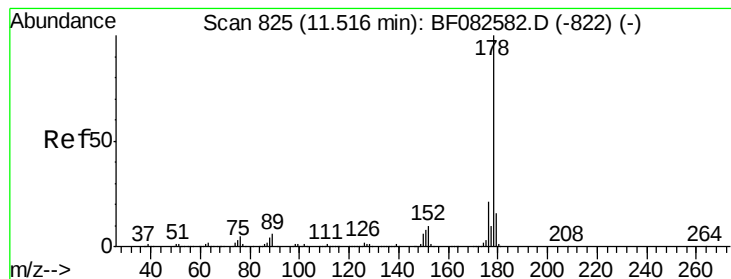
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#70
 Phenanthrene
 Concen: 50.19 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF082583.D
 Acq: 30 Oct 2015 20:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.8	17.0	25.4
179	16.7	13.4	20.0





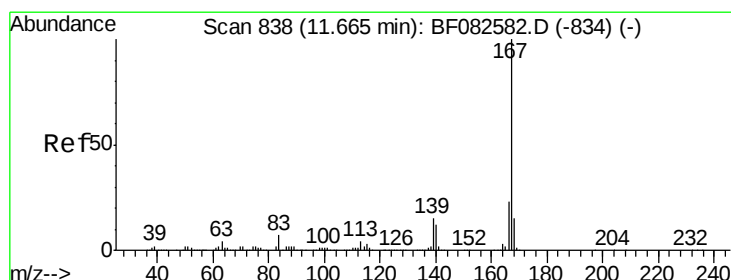
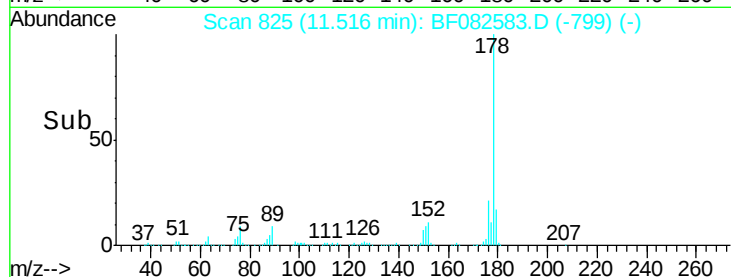
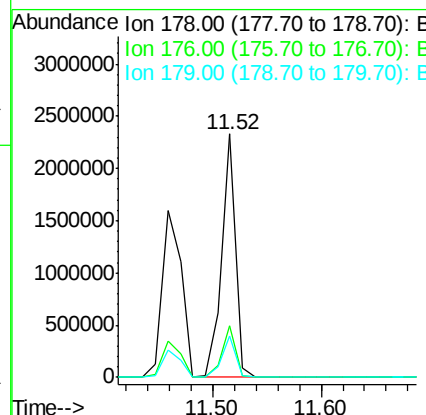
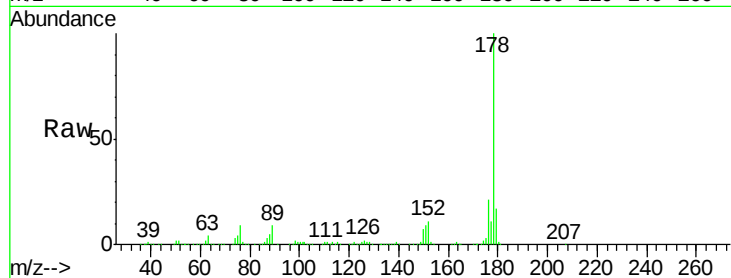
#71
 Anthracene
 Concen: 53.41 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BF082583.D
 Acq: 30 Oct 2015 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	21.3	16.5	24.7	
179	16.8	13.2	19.8	

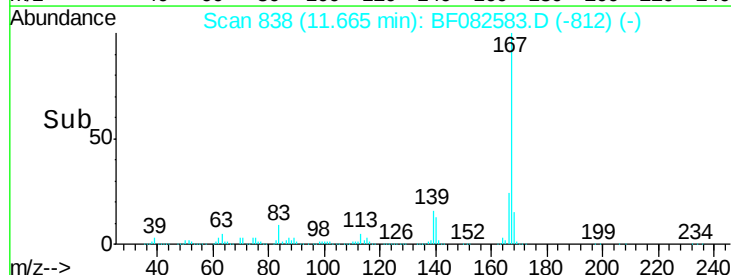
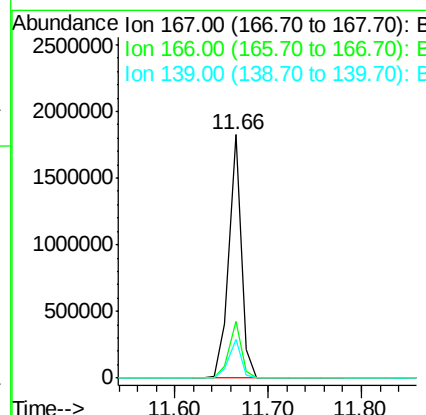
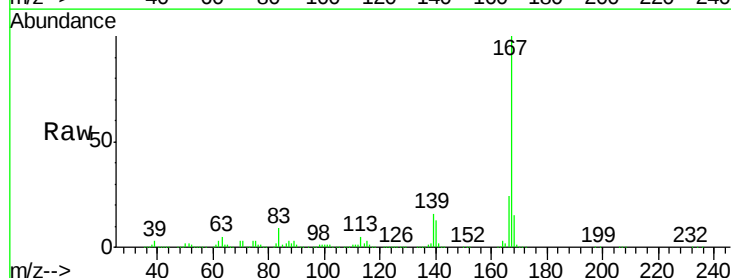
Manual Integrations
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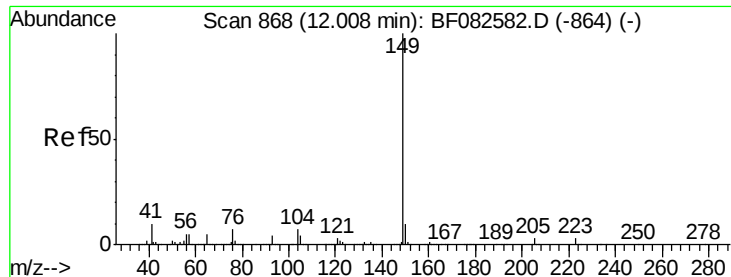
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 11/2/2015 4:32:00 PM



#72
 Carbazole
 Concen: 48.85 ng
 RT: 11.66 min Scan# 838
 Delta R.T. -0.00 min
 Lab File: BF082583.D
 Acq: 30 Oct 2015 20:34

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	23.5	18.7	28.1	
139	16.1	11.8	17.6	





#73

Di-n-butylphthalate

Concen: 52.13 ng

RT: 12.01 min Scan# 868

Delta R.T. -0.00 min

Lab File: BF082583.D

Acq: 30 Oct 2015 20:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:149 Resp: 2190713

Ion Ratio Lower Upper

149 100

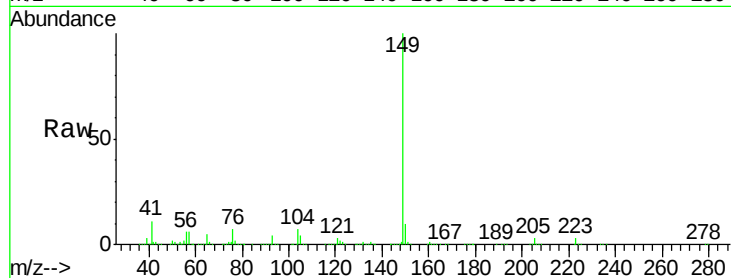
150 10.4 8.1 12.1

104 6.9 5.2 7.8

Manual Integrations
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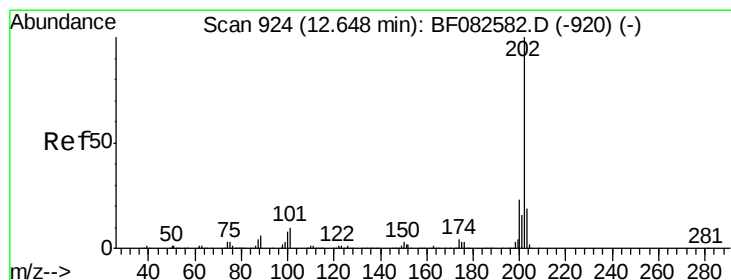
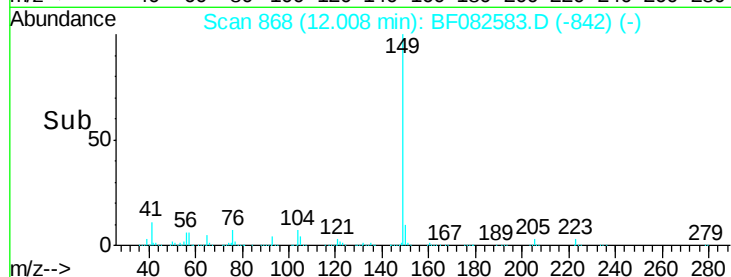
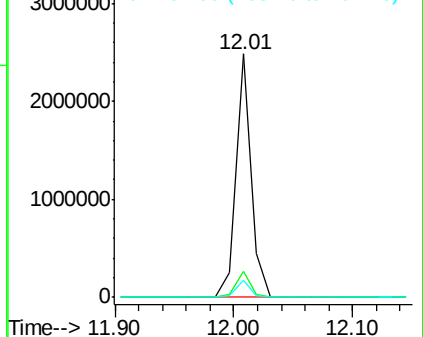
11/2/2015 4:32:00 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 51.84 ng

RT: 12.65 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF082583.D

Acq: 30 Oct 2015 20:34

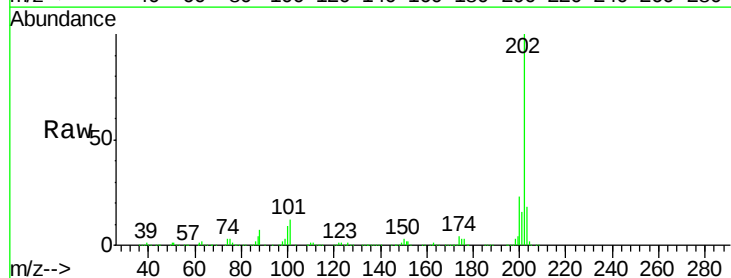
Tgt Ion:202 Resp: 2056539

Ion Ratio Lower Upper

202 100

101 11.9 0.0 30.5

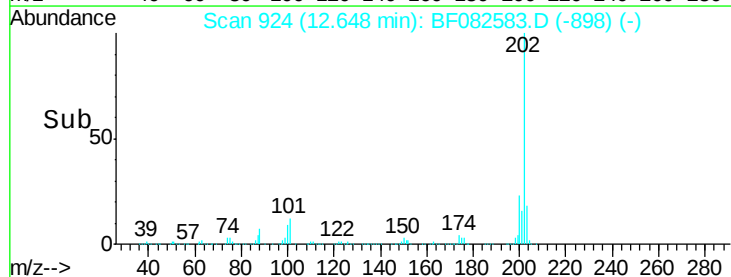
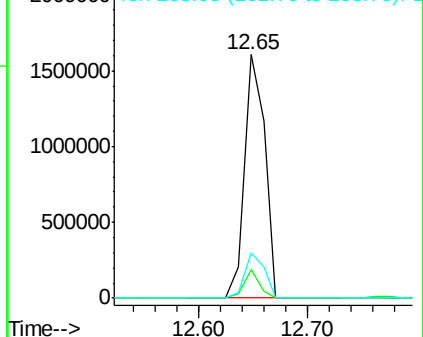
203 18.5 0.0 38.5

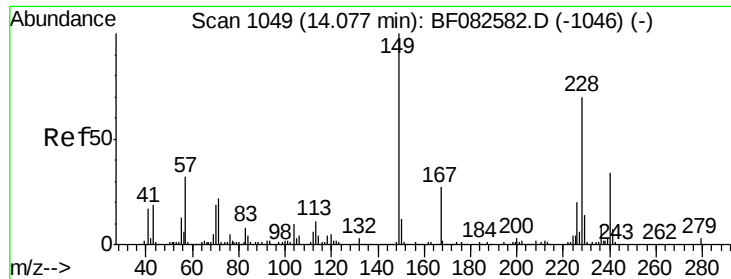


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 1050

Delta R.T. 0.01 min

Lab File: BF082583.D

Acq: 30 Oct 2015 20:34

Instrument :

BNA_F

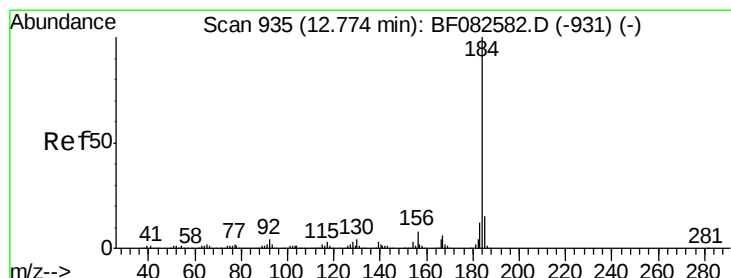
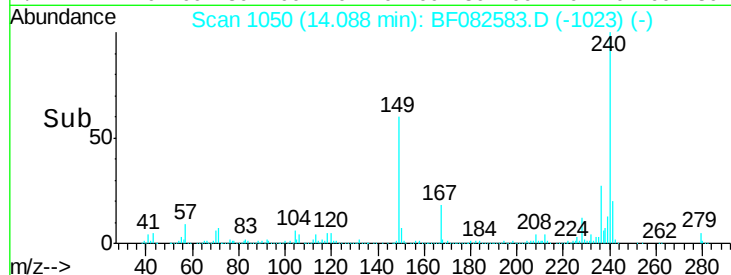
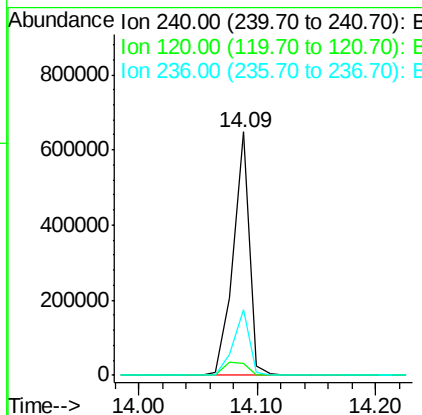
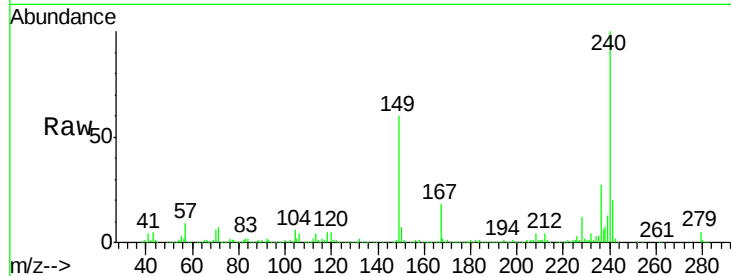
ClientSampleId :

SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
240	100	611407		
120	5.1	10.9	16.3	#
236	26.9	21.6	32.4	

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#76

Benzidine

Concen: 76.79 ng

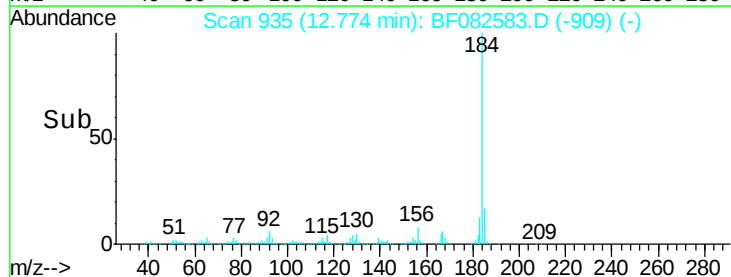
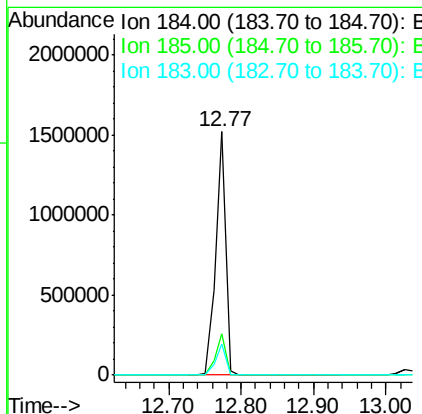
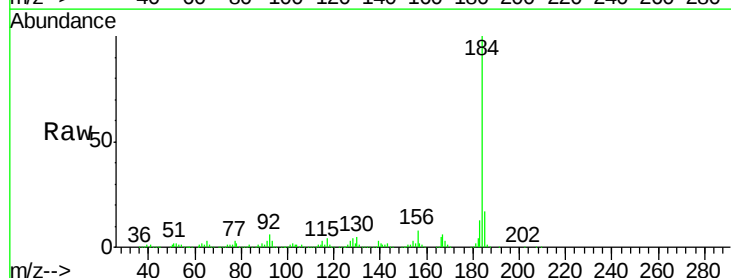
RT: 12.77 min Scan# 935

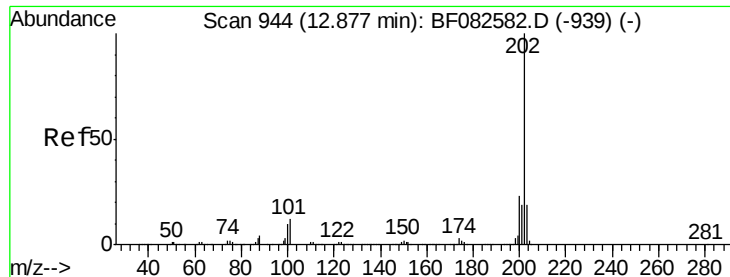
Delta R.T. -0.00 min

Lab File: BF082583.D

Acq: 30 Oct 2015 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	1444616		
185	17.2	12.0	18.0	
183	12.6	9.6	14.4	





#77

Pvrene

Concen: 53.05 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF082583.D

Acq: 30 Oct 2015 20:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:202 Resp: 2076283

Ion Ratio Lower Upper

202 100

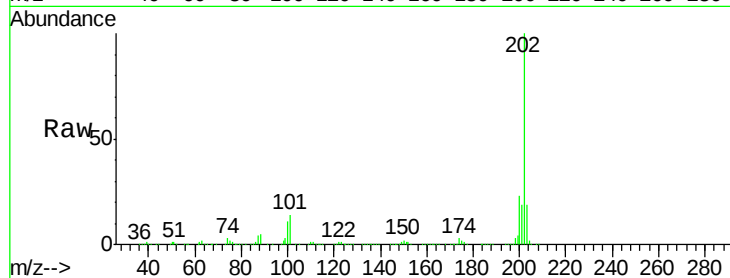
200 22.6 18.7 28.1

203 18.6 14.8 22.2

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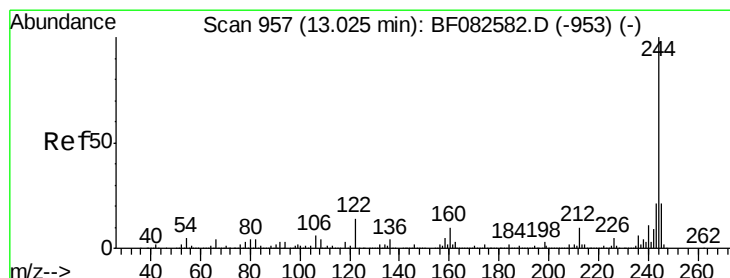
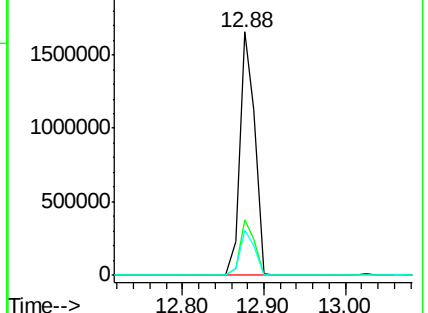
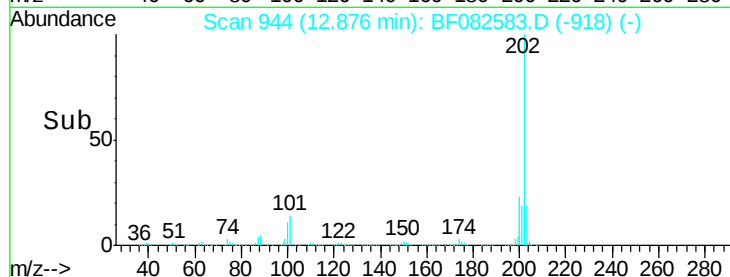
11/2/2015 4:32:00 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 125.55 ng

RT: 13.04 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF082583.D

Acq: 30 Oct 2015 20:34

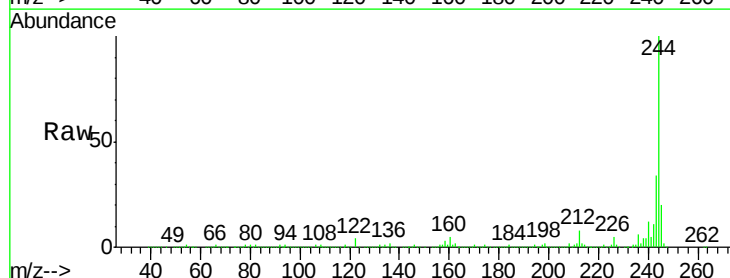
Tgt Ion:244 Resp: 2760819

Ion Ratio Lower Upper

244 100

212 7.8 7.6 11.4

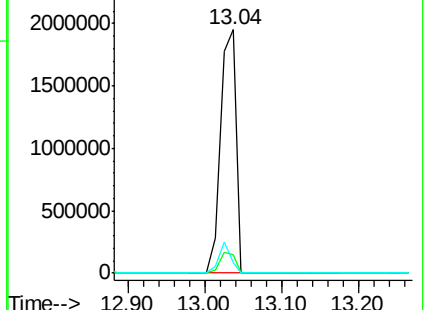
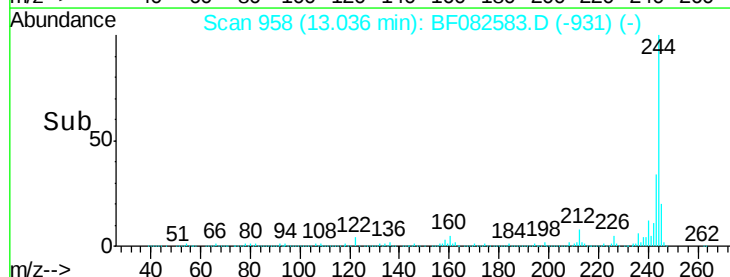
122 4.4 11.3 16.9#

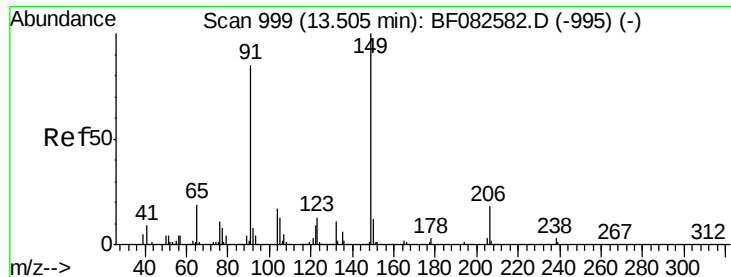


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 56.10 ng

RT: 13.51 min Scan# 999

Delta R.T. -0.00 min

Lab File: BF082583.D

Acq: 30 Oct 2015 20:34

Instrument :

BNA_F

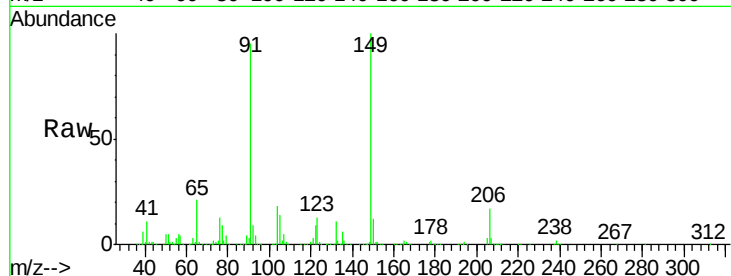
ClientSampled :

SSTDIC050

Tot Ion:	149	Resp:	943364
Ion Ratio	Lower	Upper	
149	100		
91	95.2	67.7	101.5
206	16.9	14.6	22.0

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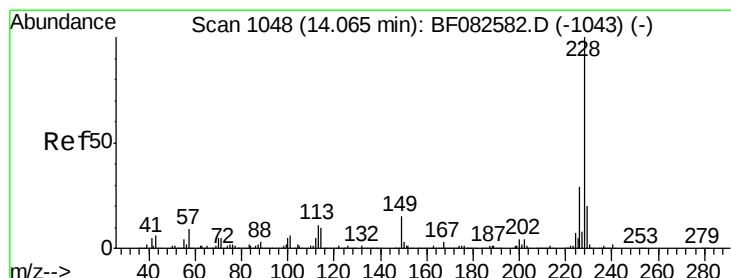
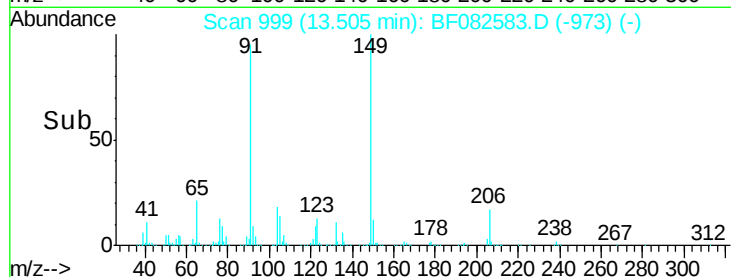
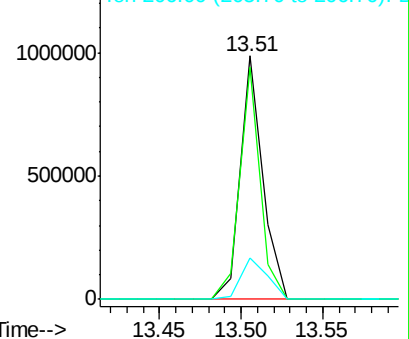
Mmdadoda
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 55.06 ng

RT: 14.08 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BF082583.D

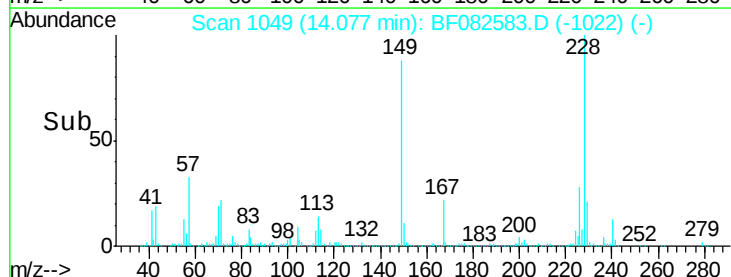
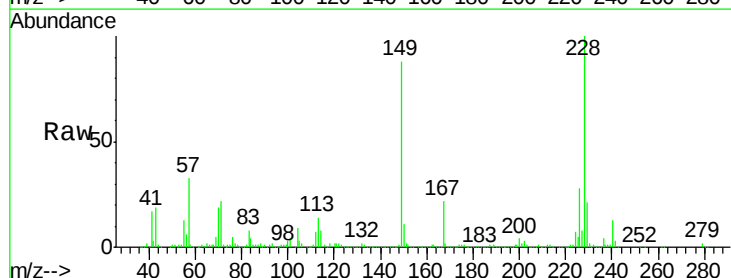
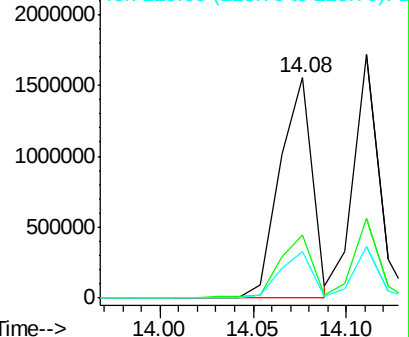
Acq: 30 Oct 2015 20:34

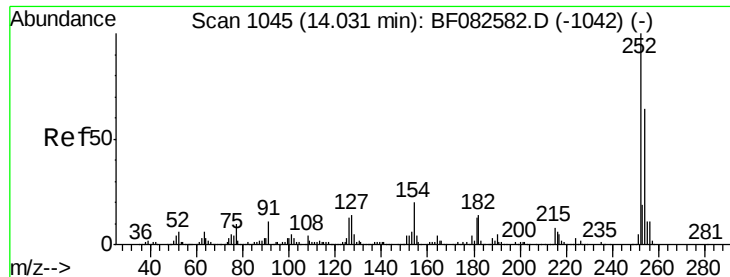
Tgt Ion:	228	Resp:	1880629
Ion Ratio	Lower	Upper	
228	100		
226	28.5	23.4	35.2
229	21.0	16.3	24.5

Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





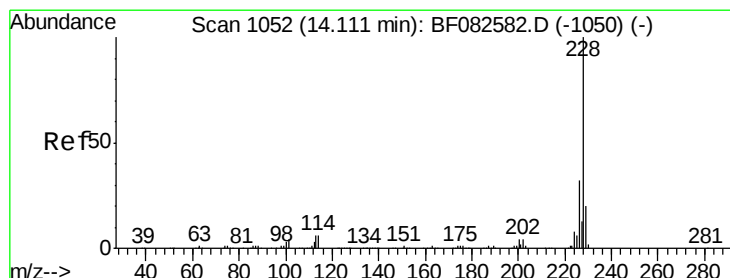
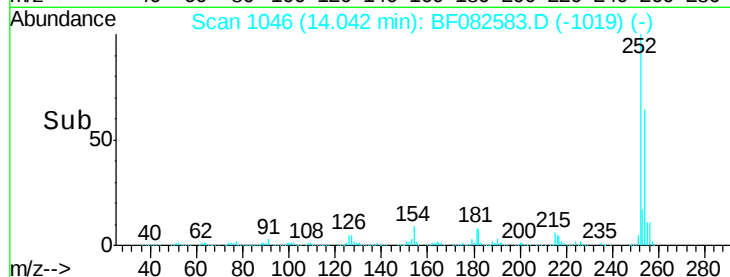
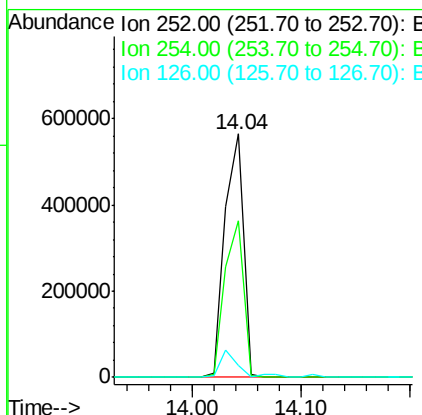
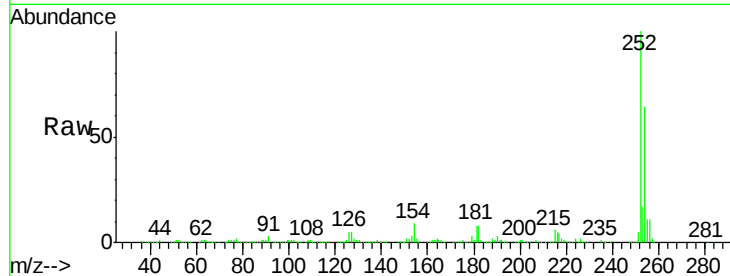
#81
 3,3'-Dichlorobenzidine
 Concen: 58.01 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. 0.01 min
 Lab File: BF082583.D
 Acq: 30 Oct 2015 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.4	77.0
126	5.0	10.7	16.1

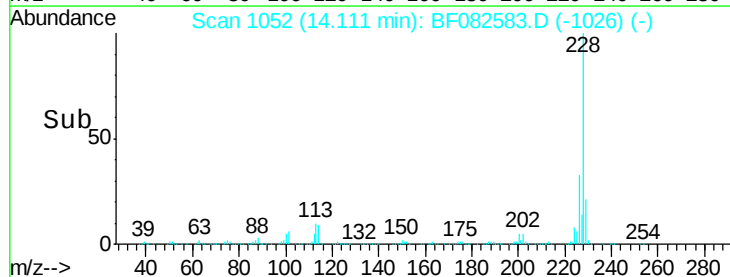
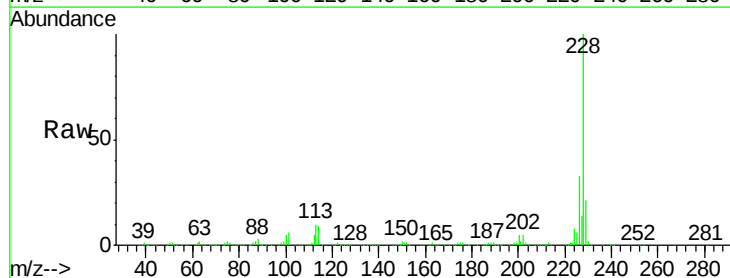
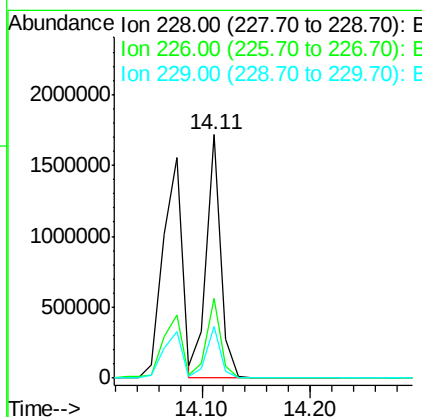
Manual Integrations
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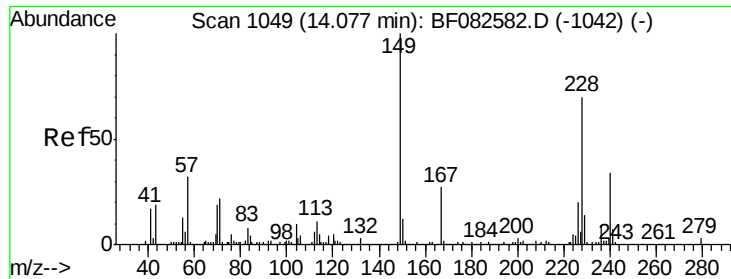
Mmdadoda
 11/2/2015 4:32:00 PM



#82
 Chrysene
 Concen: 49.16 ng
 RT: 14.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: BF082583.D
 Acq: 30 Oct 2015 20:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.9	25.5	38.3
229	21.2	16.3	24.5





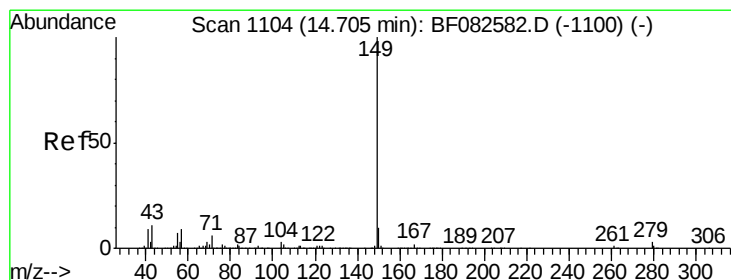
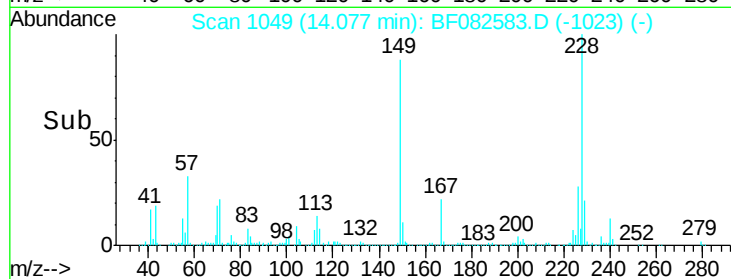
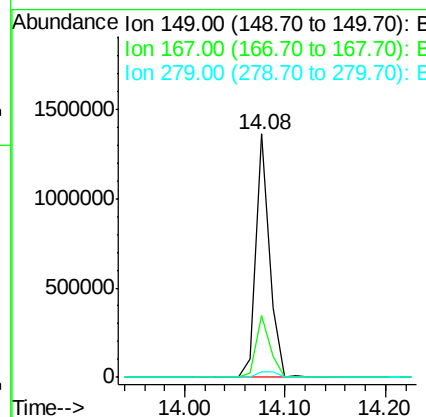
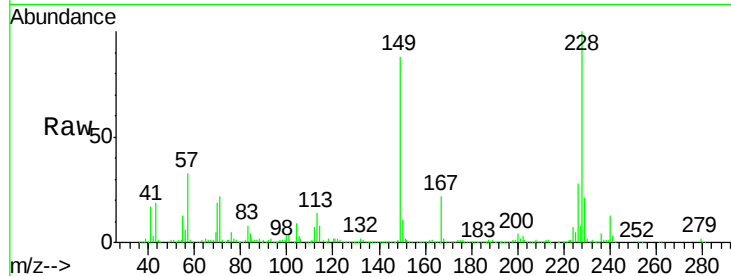
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 57.52 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BF082583.D
 Acq: 30 Oct 2015 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.2	21.2	31.8
279	2.3	2.2	3.2

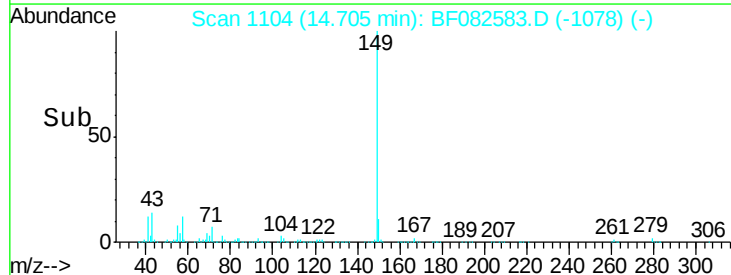
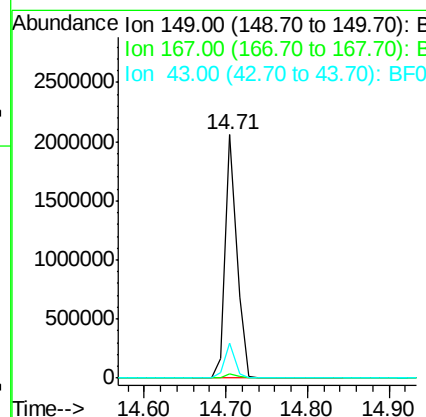
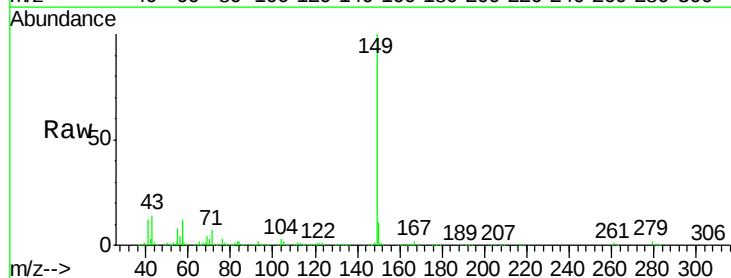
Manual Integrations
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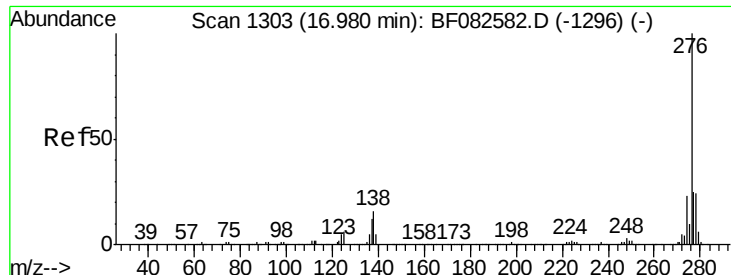
Mmdadoda
 11/2/2015 4:32:00 PM



#84
 Di-n-octyl phthalate
 Concen: 55.27 ng
 RT: 14.71 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BF082583.D
 Acq: 30 Oct 2015 20:34

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	12.9	10.1	15.1





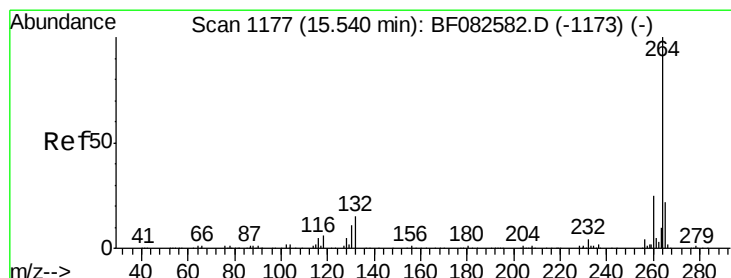
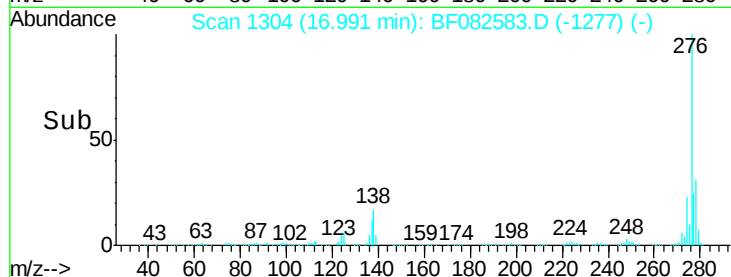
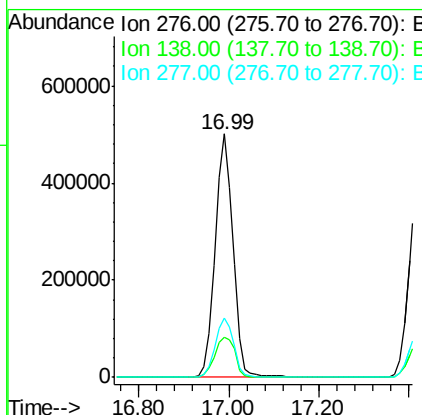
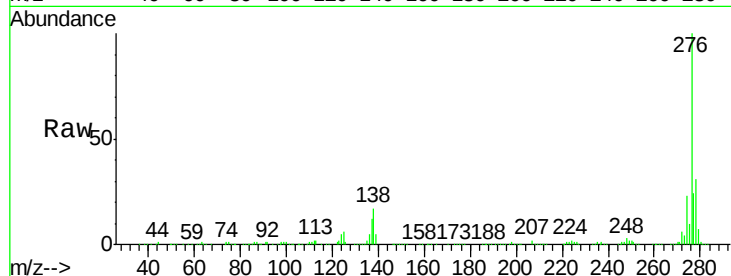
#85
Indeno(1,2,3-cd)pvrene
Concen: 48.00 ng
RT: 16.99 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF082583.D
Acq: 30 Oct 2015 20:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.8	15.3	22.9
277	25.2	20.2	30.4

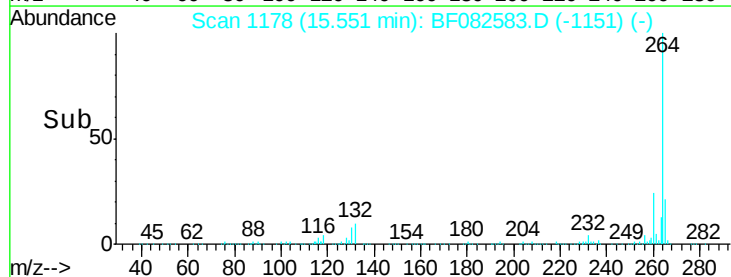
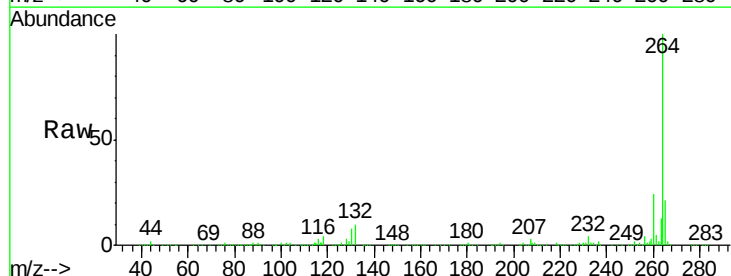
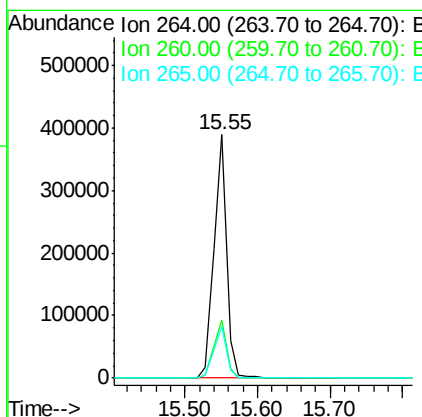
Manual Integrations
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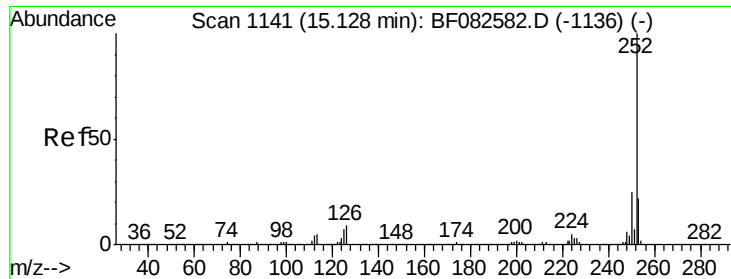
Mmdadoda
11/2/2015 4:32:00 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.55 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BF082583.D
Acq: 30 Oct 2015 20:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.8	29.6
265	21.0	17.4	26.0





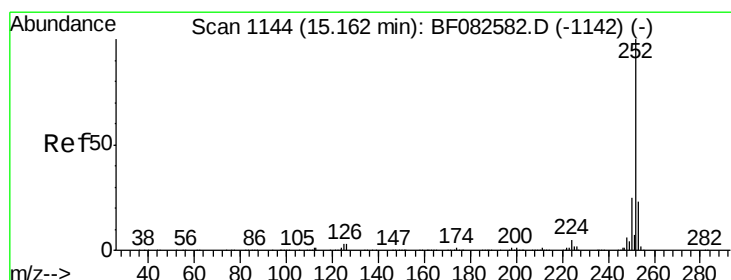
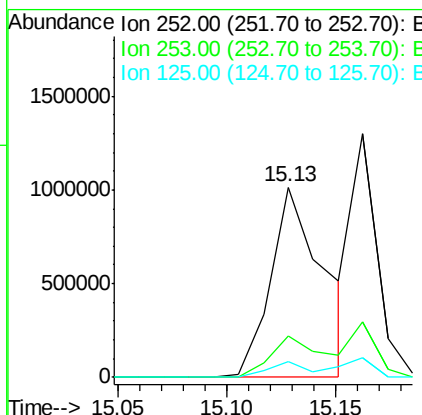
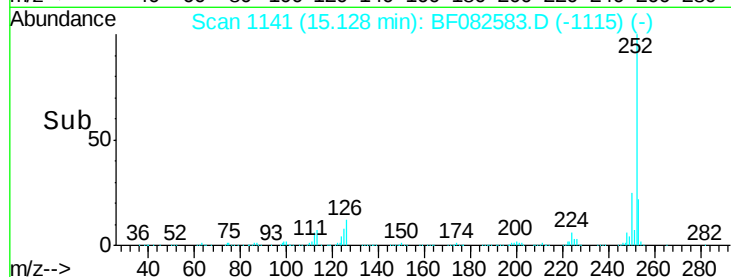
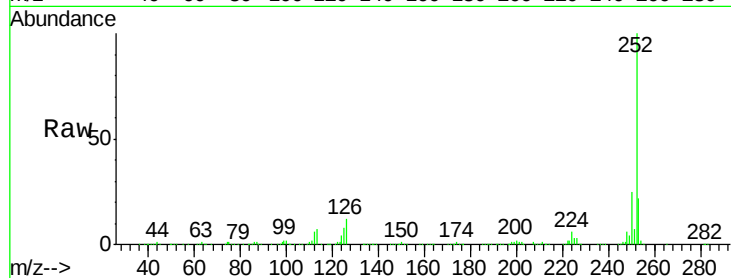
#87
Benzo(b)fluoranthene
Concen: 60.52 ng
RT: 15.13 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF082583.D
Acq: 30 Oct 2015 20:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	8.4	5.4	8.2

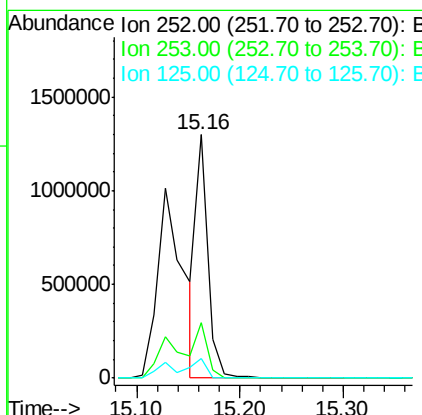
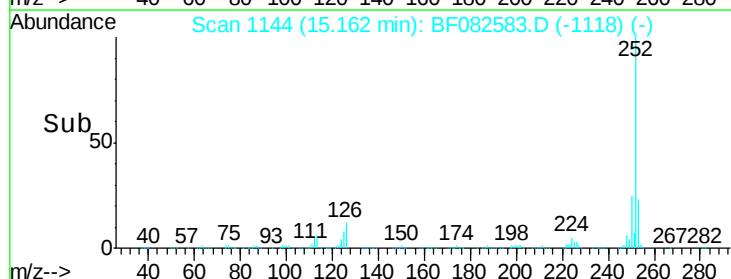
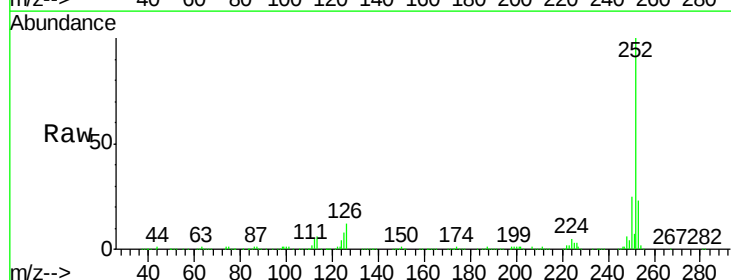
Manual Integrations
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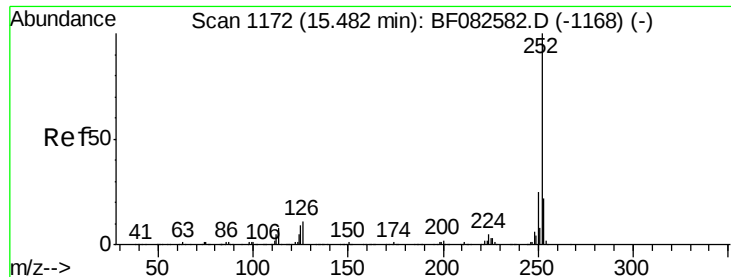
Mmdadoda
11/2/2015 4:32:00 PM



#88
Benzo(k)fluoranthene
Concen: 45.12 ng m
RT: 15.16 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BF082583.D
Acq: 30 Oct 2015 20:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	7.9	3.5	5.3





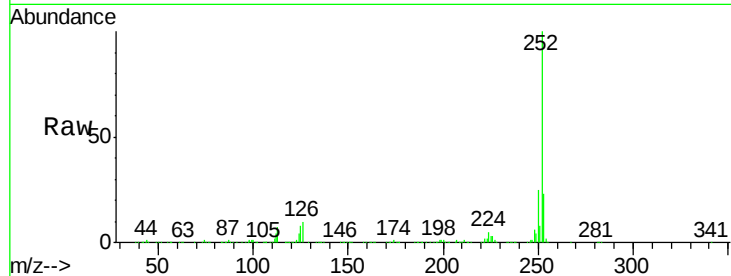
#89
Benzo(a)pyrene
Concen: 51.18 ng
RT: 15.49 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BF082583.D
Acq: 30 Oct 2015 20:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

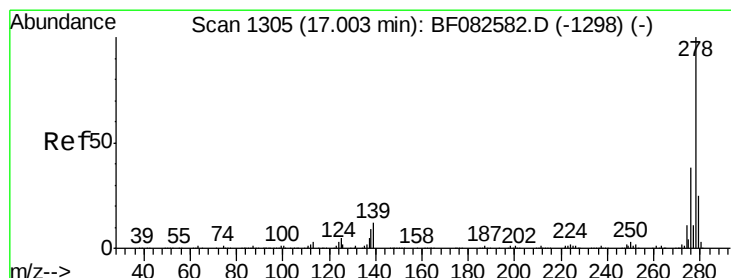
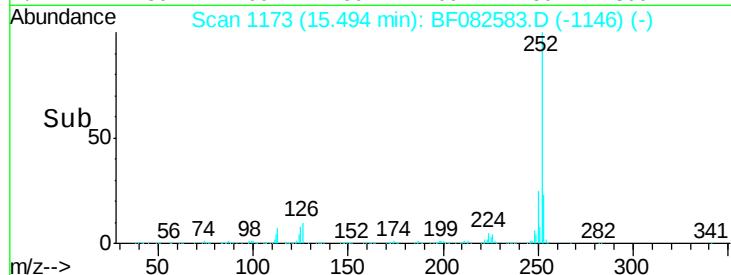
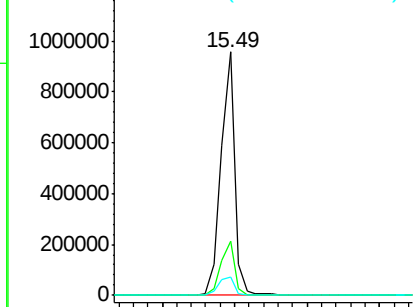
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	7.7	7.1	10.7

Manual Integrations
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Mmdadoda
11/2/2015 4:32:00 PM



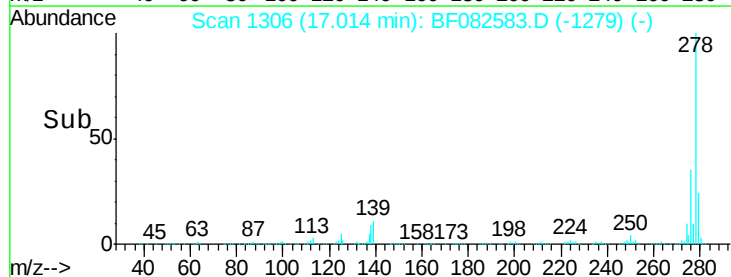
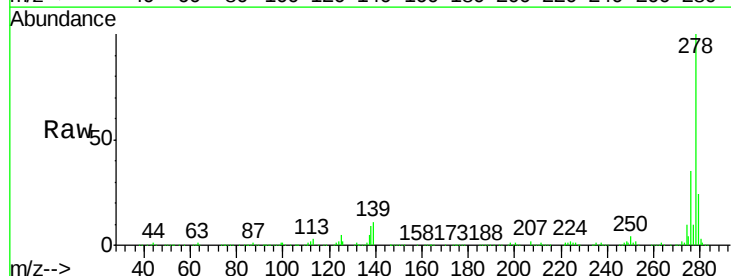
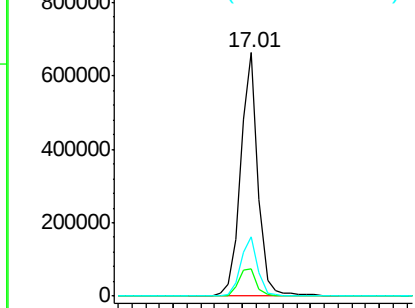
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

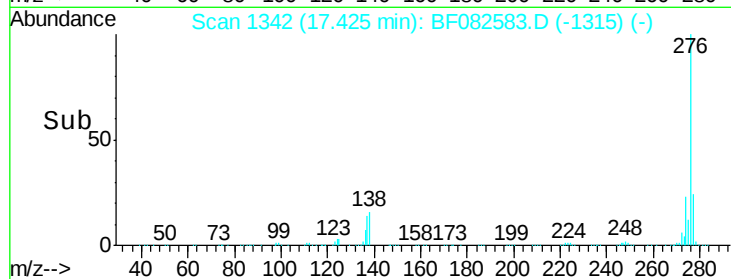
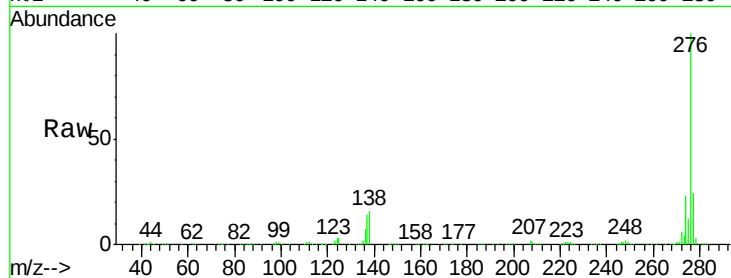
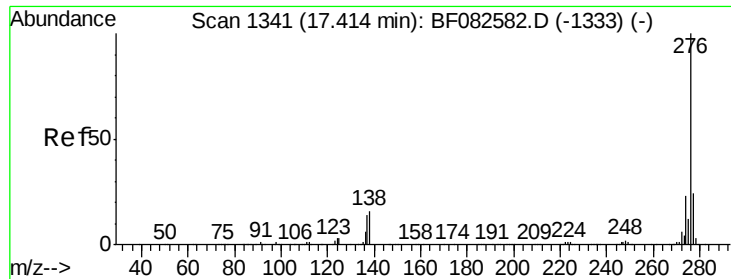


#90
Dibenzo(a,h)anthracene
Concen: 55.58 ng
RT: 17.01 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BF082583.D
Acq: 30 Oct 2015 20:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.3	9.9	14.9
279	24.1	19.6	29.4

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 53.85 ng

RT: 17.43 min Scan# 1342

Delta R.T. 0.01 min

Lab File: BF082583.D

Acq: 30 Oct 2015 20:34

Tot Ion: 276 Resp: 1114246

Ion Ratio Lower Upper

276 100

277 23.6 19.2 28.8

138 15.9 13.1 19.7

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Manual Integrations

APPROVED

Mmdadoda

11/2/2015 4:32:00 PM

