

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
 Data File : BF082626.D
 Acq On : 31 Oct 2015 17:30
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Mmdadoda
 11/2/2015 4:32:39 PM

Quant Time: Nov 02 04:54:30 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 31 00:17:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	243690	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	880287	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	437995	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	831227	20.00	ng	0.00
75) Chrysene-d12	14.08	240	594210	20.00	ng	0.00
86) Perylene-d12	15.53	264	498415	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1163317	71.90	ng	0.00
7) Phenol-d6	6.53	99	1683922	78.34	ng	0.00
23) Nitrobenzene-d5	7.47	82	1596378	74.05	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	355547	74.17	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	2175198	70.51	ng	0.00
78) Terphenyl-d14	13.02	244	2141585	78.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	287423	38.43	ng	96
3) Pyridine	3.28	79	861989	39.31	ng	98
4) n-Nitrosodimethylamine	3.22	42	442833	35.87	ng	95
6) Aniline	6.57	93	1107672	37.01	ng	98
8) 2-Chlorophenol	6.69	128	707121	40.39	ng	93
9) Benzaldehyde	6.45	77	532971	36.32	ng	83
10) Phenol	6.56	94	977008	40.11	ng	92
11) bis(2-Chloroethyl)ether	6.65	93	721747	40.17	ng	# 83
12) 1,3-Dichlorobenzene	6.85	146	760003m	38.07	ng	
13) 1,4-Dichlorobenzene	6.92	146	741520	37.45	ng	99
14) 1,2-Dichlorobenzene	7.08	146	778208	42.35	ng	98
15) Benzyl Alcohol	7.05	79	684443	34.15	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.20	45	1065269	37.30	ng	93
17) 2-Methylphenol	7.16	107	540734	36.33	ng	97
18) Hexachloroethane	7.42	117	291883	37.78	ng	98
19) n-Nitroso-di-n-propylamine	7.33	70	624475	38.33	ng	89
20) 3+4-Methylphenols	7.32	107	766115	39.60	ng	# 85
22) Acetophenone	7.32	105	1051362	40.57	ng	# 88
24) Nitrobenzene	7.49	77	920100	42.23	ng	91
25) Isophorone	7.73	82	1462866	36.89	ng	99
26) 2-Nitrophenol	7.81	139	355247	44.63	ng	# 61
27) 2,4-Dimethylphenol	7.85	122	560177	36.05	ng	99
28) bis(2-Chloroethoxy)methane	7.95	93	896937	41.35	ng	98
29) 2,4-Dichlorophenol	8.05	162	599274	42.31	ng	92
30) 1,2,4-Trichlorobenzene	8.13	180	616115	39.20	ng	99
31) Naphthalene	8.22	128	1790369	37.59	ng	99
32) Benzoic acid	7.97	122	471357	41.82	ng	97
33) 4-Chloroaniline	8.26	127	727570	35.78	ng	98
34) Hexachlorobutadiene	8.34	225	384596	38.47	ng	97
35) Caprolactam	8.65	113	158801	36.55	ng	96
36) 4-Chloro-3-methylphenol	8.75	107	683753	41.00	ng	# 85
37) 2-Methylnaphthalene	8.91	142	1231660	39.90	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	643486	44.03	ng	99
40) Hexachlorocyclopentadiene	9.07	237	290633	31.63	ng	100

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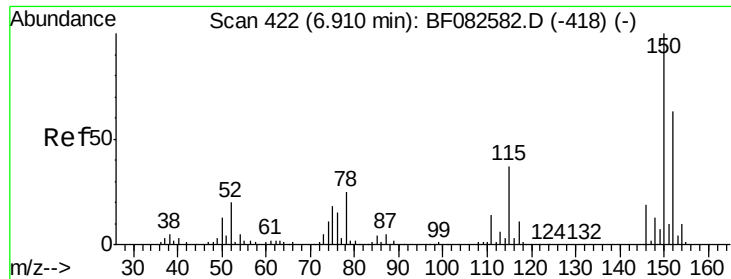
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	412485	39.09	ng	99
43) 2,4,5-Trichlorophenol	9.23	196	427530	40.66	ng	# 77
45) 1,1'-Biphenyl	9.38	154	1621208	43.82	ng	99
46) 2-Chloronaphthalene	9.40	162	1249254	43.24	ng	99
47) 2-Nitroaniline	9.49	65	480139	42.76	ng	# 62
48) Acenaphthylene	9.81	152	1723288	37.29	ng	100
49) Dimethylphthalate	9.68	163	1261122	35.26	ng	100
50) 2,6-Dinitrotoluene	9.73	165	293683	39.61	ng	91
51) Acenaphthene	9.98	154	1061137	36.17	ng	100
52) 3-Nitroaniline	9.90	138	378027	45.83	ng	# 77
53) 2,4-Dinitrophenol	10.00	184	133328	37.62	ng	# 45
54) Dibenzofuran	10.16	168	1415434	35.56	ng	99
55) 4-Nitrophenol	10.05	139	231762	37.34	ng	# 76
56) 2,4-Dinitrotoluene	10.13	165	377764	37.68	ng	94
57) Fluorene	10.50	166	1142975	35.60	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	320841	36.10	ng	96
59) Diethylphthalate	10.38	149	1426484	39.17	ng	97
60) 4-Chlorophenyl-phenylether	10.50	204	632840	40.55	ng	95
61) 4-Nitroaniline	10.52	138	355203	45.12	ng	# 76
62) Azobenzene	10.66	77	1612117	39.26	ng	96
64) 4,6-Dinitro-2-methylphenol	10.54	198	218928	43.67	ng	# 71
65) n-Nitrosodiphenylamine	10.61	169	1152113	40.32	ng	99
66) 4-Bromophenyl-phenylether	10.98	248	368222	39.09	ng	# 62
67) Hexachlorobenzene	11.05	284	401985	38.49	ng	93
68) Atrazine	11.14	200	328097	35.09	ng	98
69) Pentachlorophenol	11.24	266	297372	43.18	ng	99
70) Phenanthrene	11.46	178	1651276	35.22	ng	100
71) Anthracene	11.52	178	1996457	42.29	ng	99
72) Carbazole	11.66	167	1684927	40.98	ng	99
73) Di-n-butylphthalate	12.01	149	2228197	42.57	ng	99
74) Fluoranthene	12.65	202	1740696	36.32	ng	100
76) Benzidine	12.77	184	1093458	40.80	ng	99
77) Pyrene	12.88	202	1701606	38.67	ng	99
79) Butylbenzylphthalate	13.51	149	941971	48.88	ng	88
80) Benzo(a)anthracene	14.07	228	1480312	39.22	ng	99
81) 3,3'-Dichlorobenzidine	14.03	252	561158	43.14	ng	# 98
82) Chrysene	14.11	228	1390719	40.65	ng	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	1145311	45.84	ng	# 97
84) Di-n-octyl phthalate	14.68	149	1771782	45.47	ng	98
85) Indeno(1,2,3-cd)pyrene	16.97	276	1341187	47.50	ng	99
87) Benzo(b)fluoranthene	15.12	252	1323628	38.51	ng	99
88) Benzo(k)fluoranthene	15.14	252	1022260m	39.04	ng	
89) Benzo(a)pyrene	15.47	252	1069873	39.53	ng	99
90) Dibenzo(a,h)anthracene	16.99	278	1145538	45.36	ng	98
91) Benzo(g,h,i)perylene	17.40	276	1079775	44.12	ng	100

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



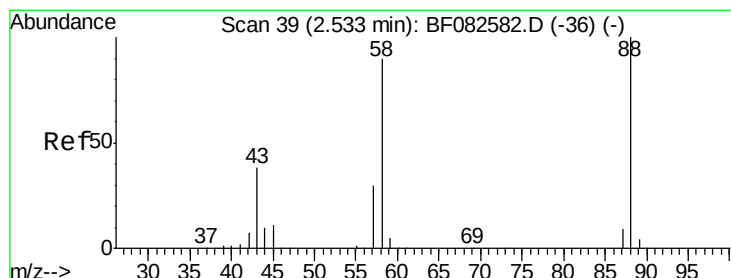
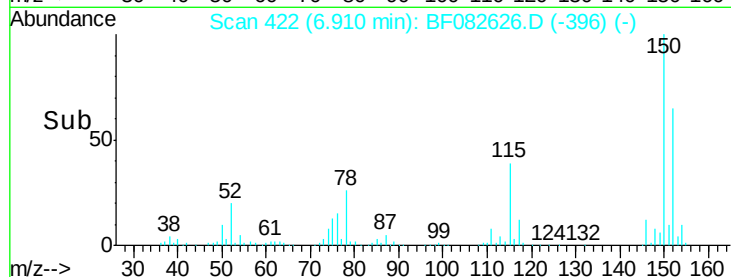
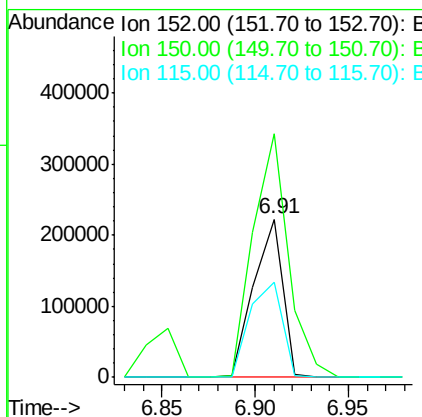
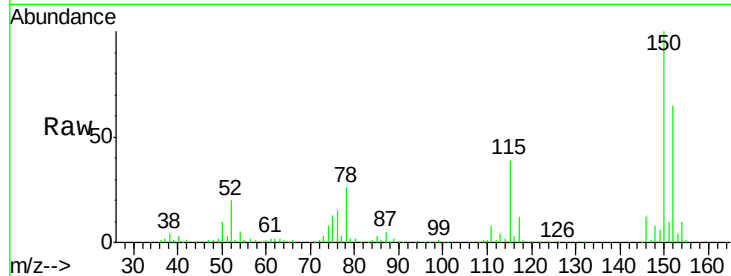
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.91 min Scan# 422
 Delta R.T. -0.00 min
 Lab File: BF082626.D
 Acq: 31 Oct 2015 17:30

Instrument :
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 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	243690		
150	153.8	127.0	190.4	
115	59.7	47.0	70.6	

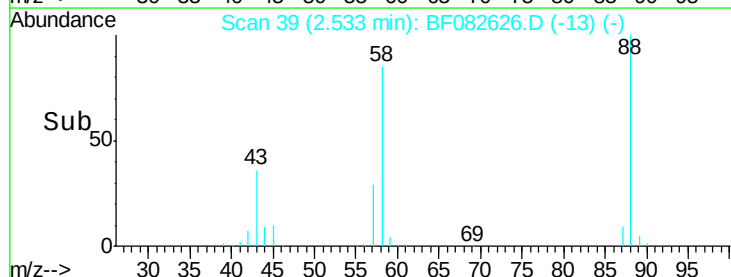
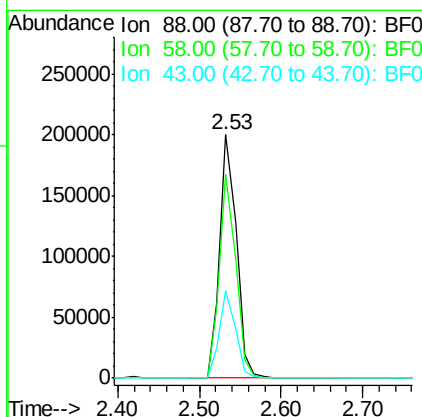
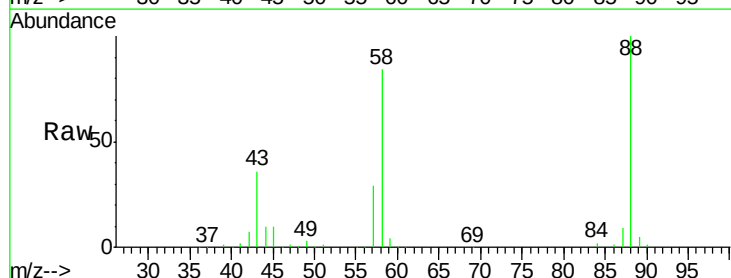
Manual Integrations
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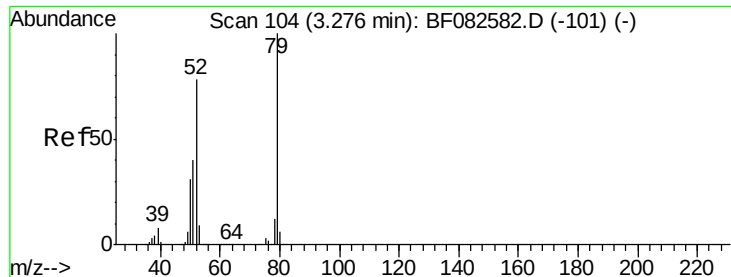
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#2
 1,4-Dioxane
 Concen: 38.43 ng
 RT: 2.53 min Scan# 39
 Delta R.T. -0.00 min
 Lab File: BF082626.D
 Acq: 31 Oct 2015 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	287423		
58	81.6	62.0	93.0	
43	34.0	26.6	40.0	





#3

Pyridine

Concen: 39.31 ng

RT: 3.28 min Scan# 104

Delta R.T. -0.00 min

Lab File: BF082626.D

Acq: 31 Oct 2015 17:30

Instrument :

BNA_F

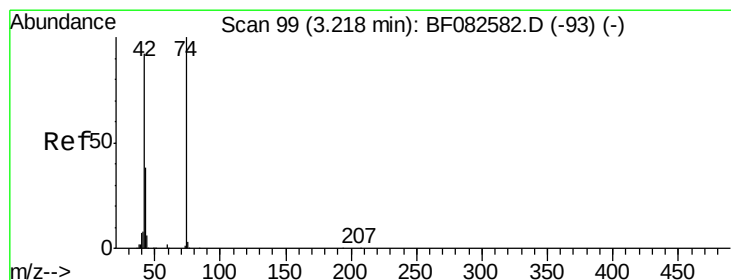
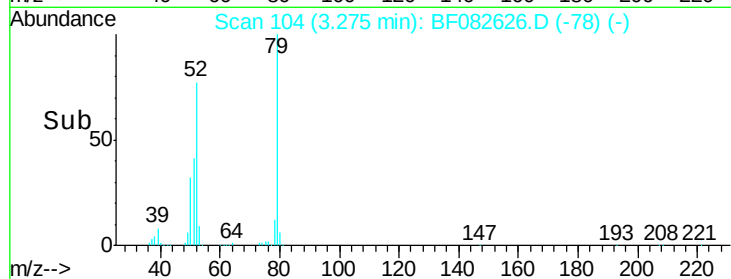
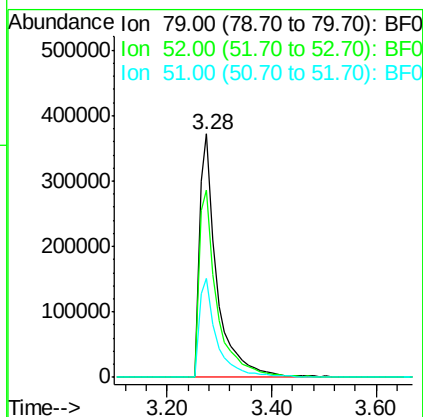
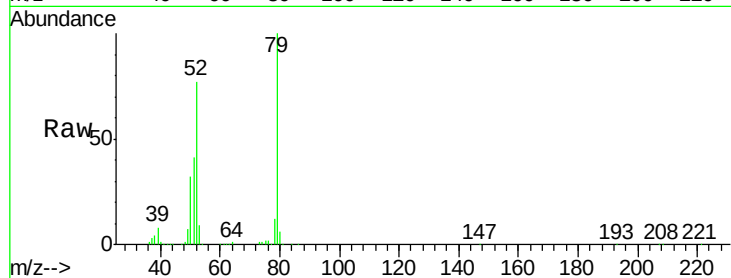
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	861989
Ion	Ratio	Lower	Upper
79	100		
52	76.9	62.8	94.2
51	40.7	32.0	48.0

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#4

n-Nitrosodimethylamine

Concen: 35.87 ng

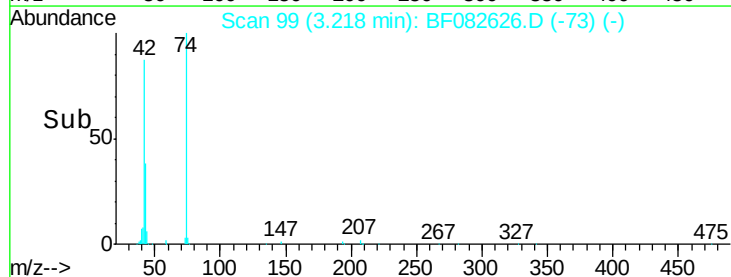
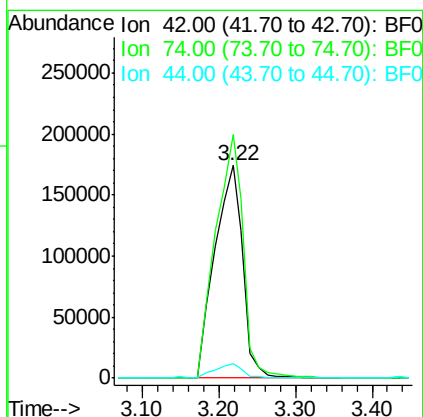
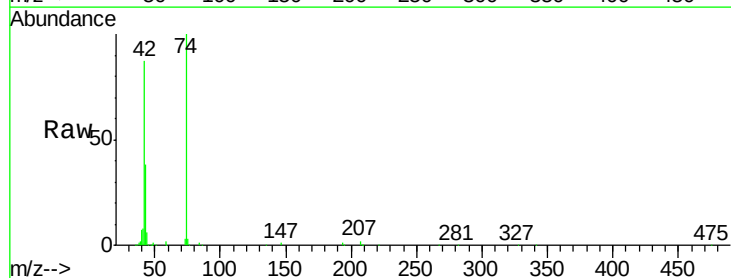
RT: 3.22 min Scan# 99

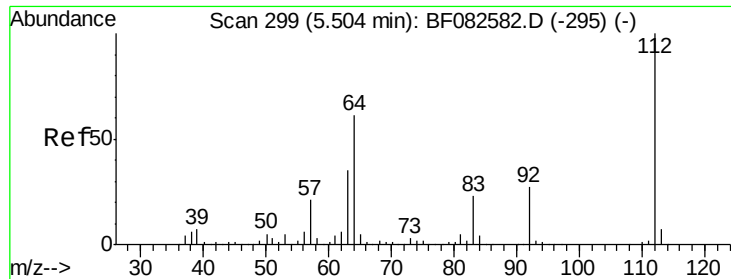
Delta R.T. -0.00 min

Lab File: BF082626.D

Acq: 31 Oct 2015 17:30

Tgt Ion:	42	Resp:	442833
Ion	Ratio	Lower	Upper
42	100		
74	114.6	87.0	130.4
44	6.8	5.8	8.8





#5

2-Fluorophenol

Concen: 71.90 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.00 min

Lab File: BF082626.D

Acq: 31 Oct 2015 17:30

Instrument :

BNA_F

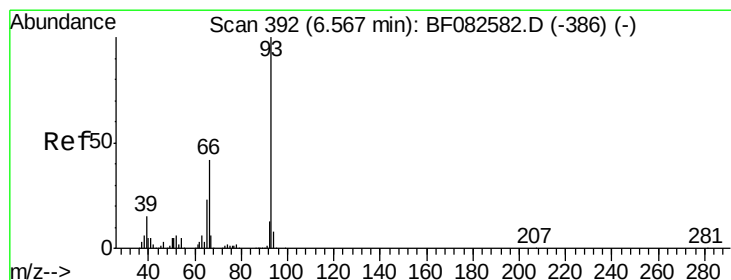
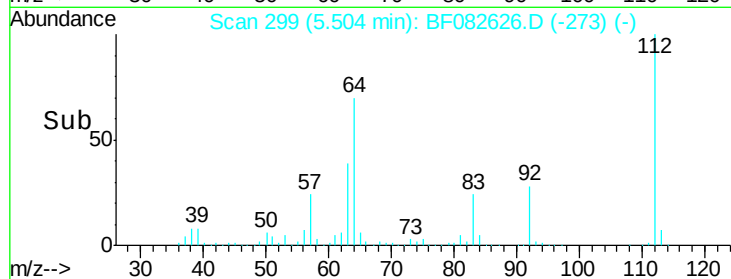
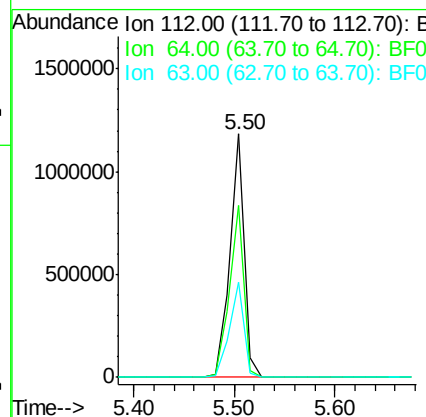
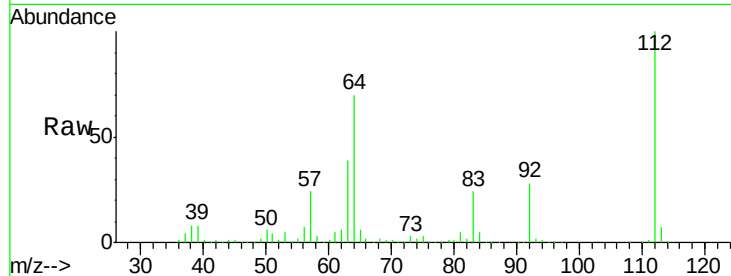
ClientSampleId :

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Tgt Ion:	112	Resp:	1163317
Ion	Ratio	Lower	Upper
112	100		
64	70.5	48.9	73.3
63	38.9	28.1	42.1

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#6

Aniline

Concen: 37.01 ng

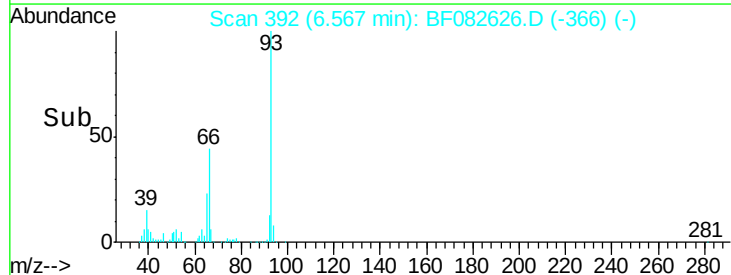
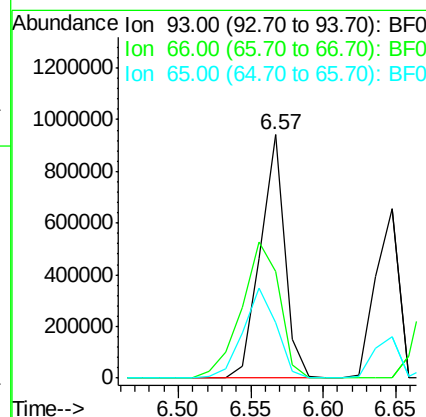
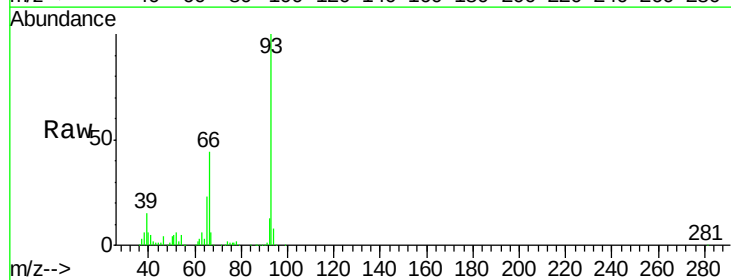
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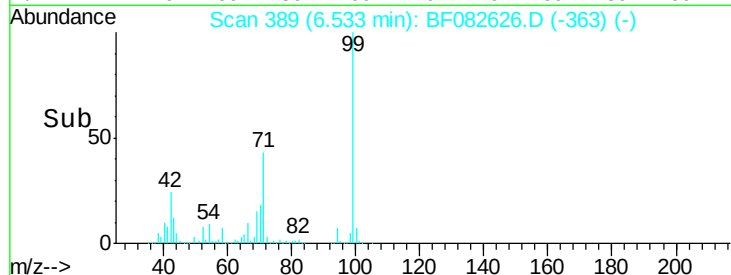
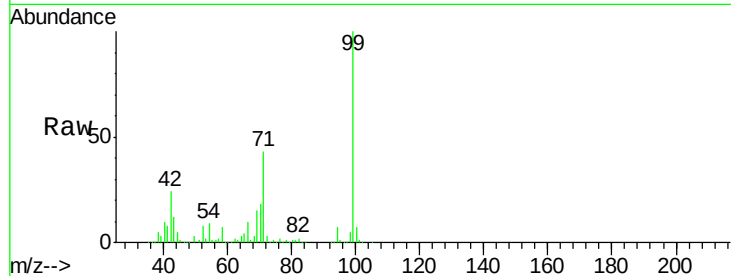
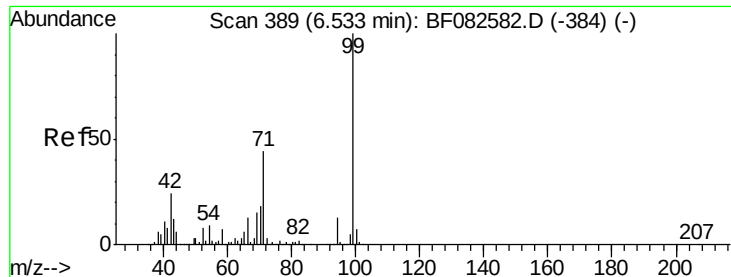
Delta R.T. -0.00 min

Lab File: BF082626.D

Acq: 31 Oct 2015 17:30

Tgt Ion:	93	Resp:	1107672
Ion	Ratio	Lower	Upper
93	100		
66	43.9	33.6	50.4
65	22.9	18.1	27.1





#7

Phenol-d6

Concen: 78.34 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF082626.D

Acq: 31 Oct 2015 17:30

Tgt Ion:	99	Resp:	1683922
Ion	Ratio	Lower	Upper
99	100		
42	23.6	19.2	28.8
71	42.8	35.0	52.4

Instrument :

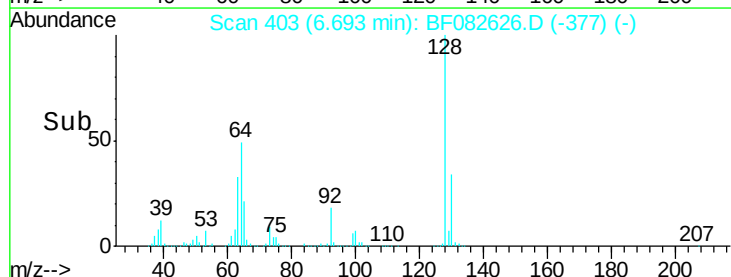
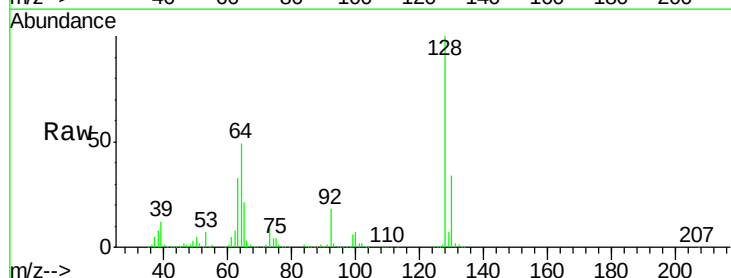
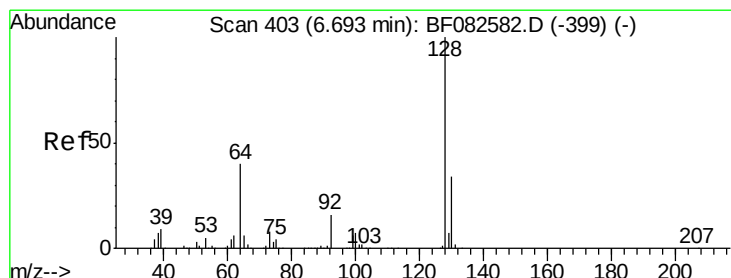
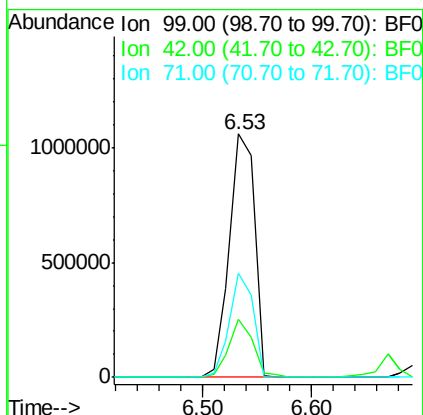
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#8

2-Chlorophenol

Concen: 40.39 ng

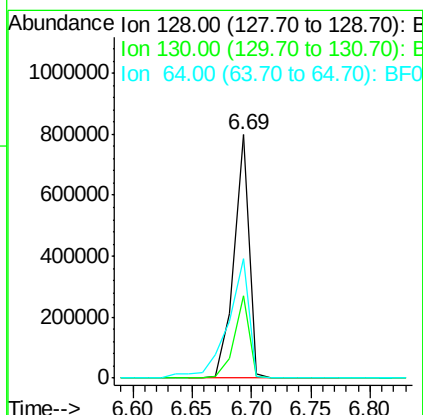
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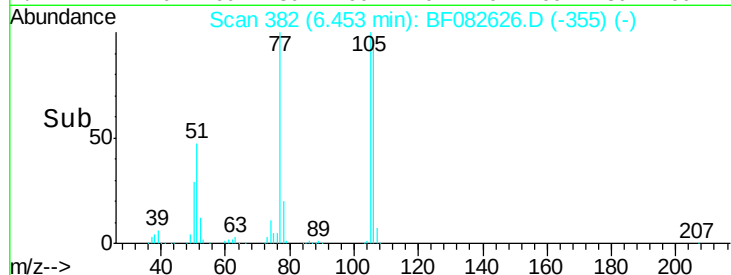
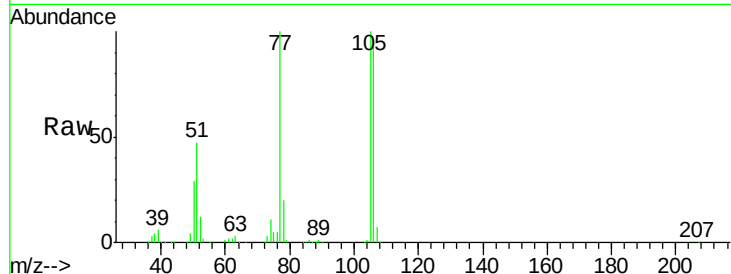
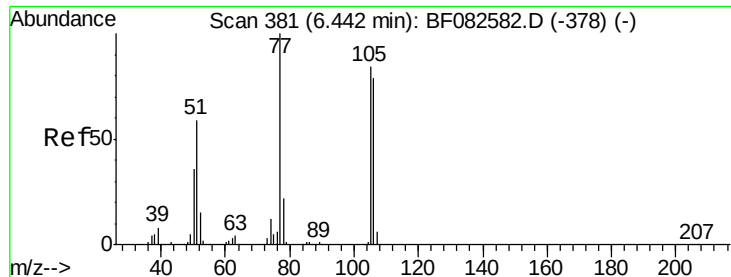
Delta R.T. -0.00 min

Lab File: BF082626.D

Acq: 31 Oct 2015 17:30

Tgt Ion:	128	Resp:	707121
Ion	Ratio	Lower	Upper
128	100		
130	33.7	13.5	53.5
64	49.1	21.1	61.1





#9

Benzaldehyde

Concen: 36.32 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.01 min

Lab File: BF082626.D

Acq: 31 Oct 2015 17:30

Instrument :

BNA_F

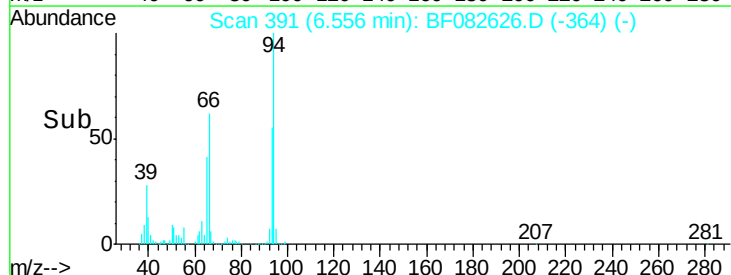
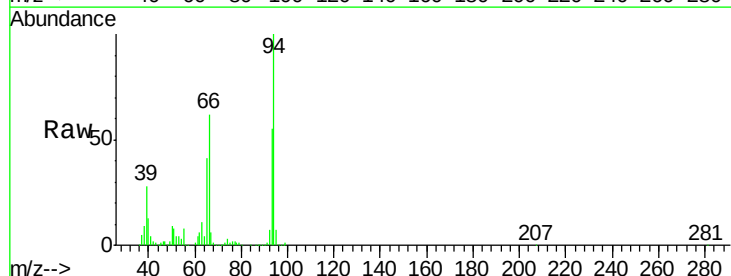
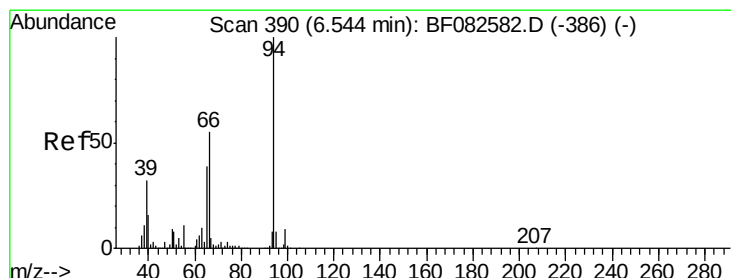
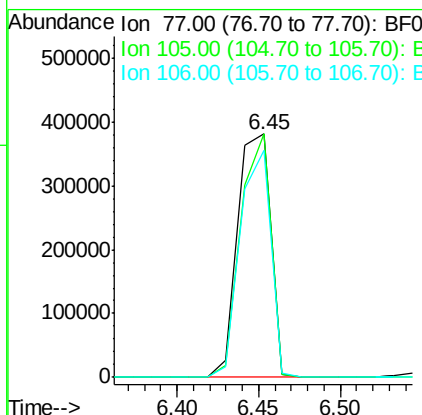
ClientSampleId :

SSTDCCC040

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Tgt Ion	Ratio	Lower	Upper
77	100		
105	99.8	63.5	103.5
106	93.3	59.3	99.3



#10

Phenol

Concen: 40.11 ng

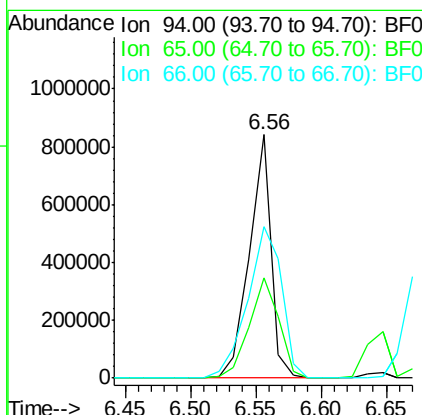
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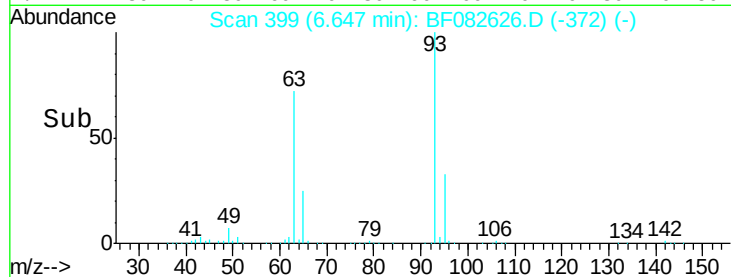
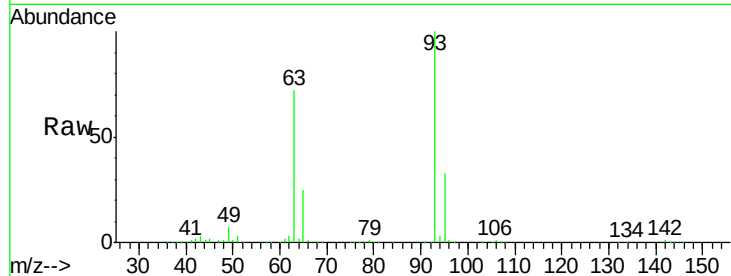
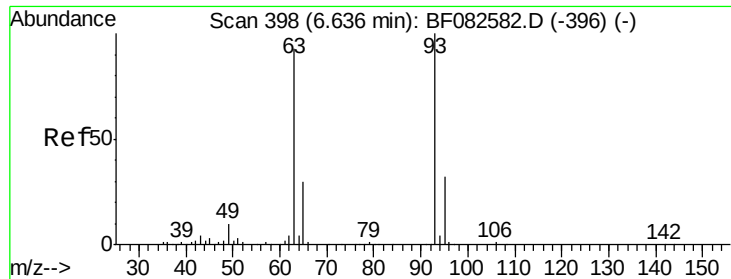
Delta R.T. 0.01 min

Lab File: BF082626.D

Acq: 31 Oct 2015 17:30

Tgt Ion	Ratio	Lower	Upper
94	100		
65	41.3	18.9	58.9
66	62.3	34.9	74.9





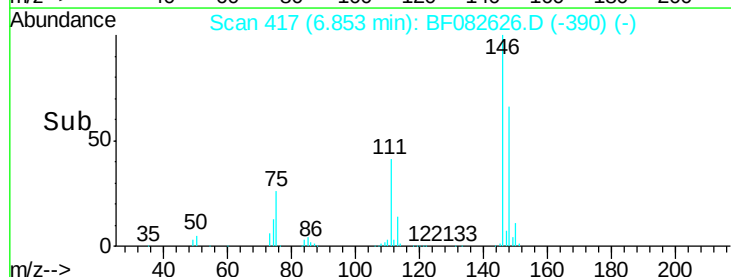
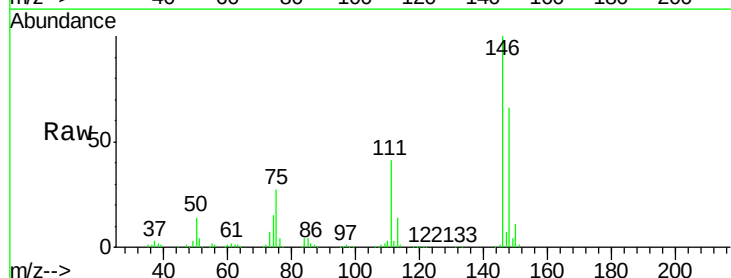
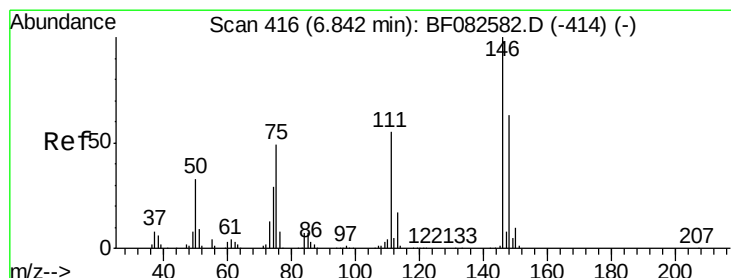
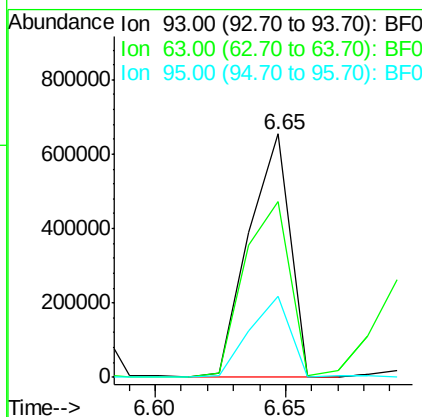
#11
bis(2-Chloroethyl)ether
Concen: 40.17 ng
RT: 6.65 min Scan# 399
Delta R.T. 0.01 min
Lab File: BF082626.D
Acq: 31 Oct 2015 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	721747		
63	72.0	72.7	112.7#	
95	33.3	12.0	52.0	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

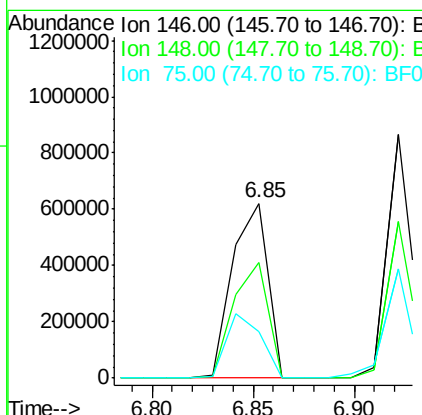
Manual Integrations
APPROVED

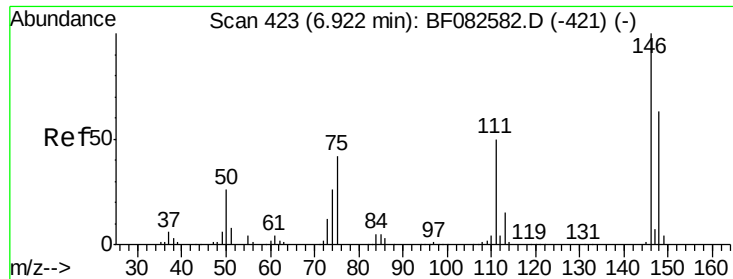
Mmdadoda
11/2/2015 4:32:39 PM



#12
1,3-Dichlorobenzene
Concen: 38.07 ng m
RT: 6.85 min Scan# 417
Delta R.T. 0.01 min
Lab File: BF082626.D
Acq: 31 Oct 2015 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	760003		
148	66.3	50.5	75.7	
75	26.9	39.5	59.3#	





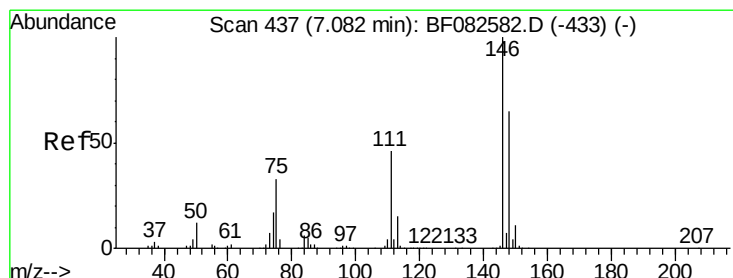
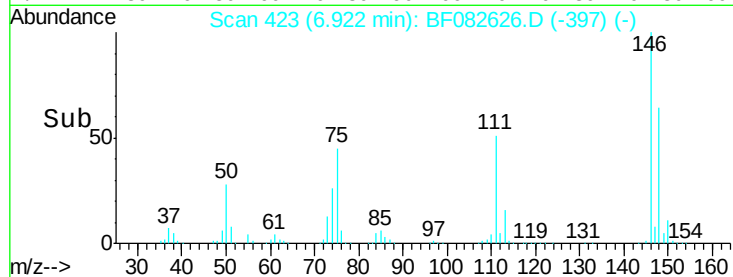
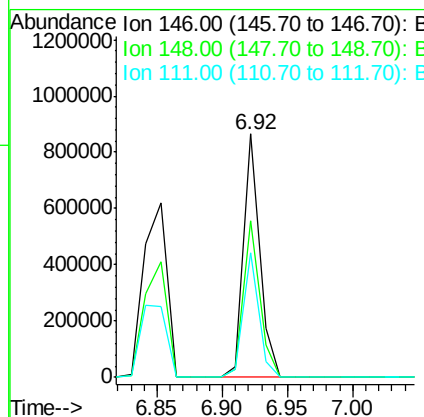
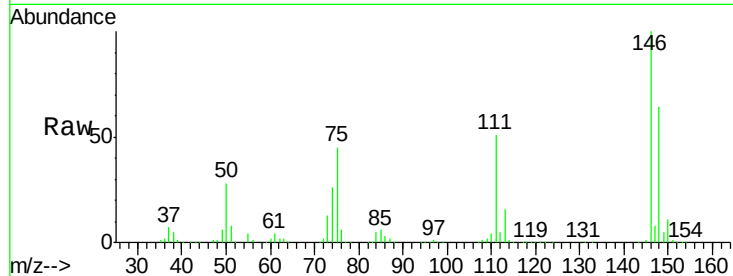
#13
 1,4-Dichlorobenzene
 Concen: 37.45 ng
 RT: 6.92 min Scan# 423
 Delta R.T. -0.00 min
 Lab File: BF082626.D
 Acq: 31 Oct 2015 17:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	741520		
148	64.4	50.8	76.2	
111	50.9	40.6	60.8	

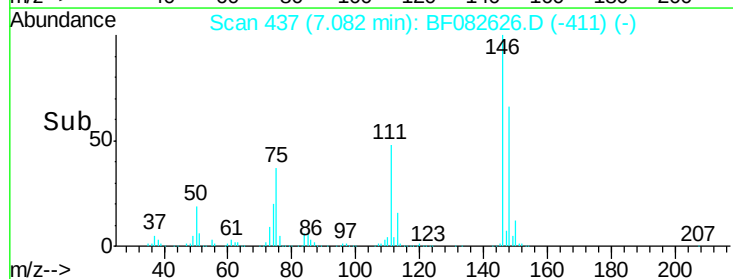
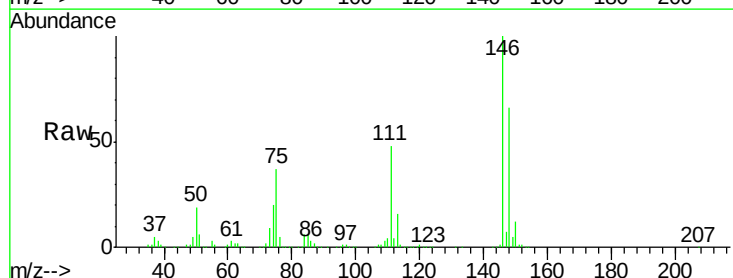
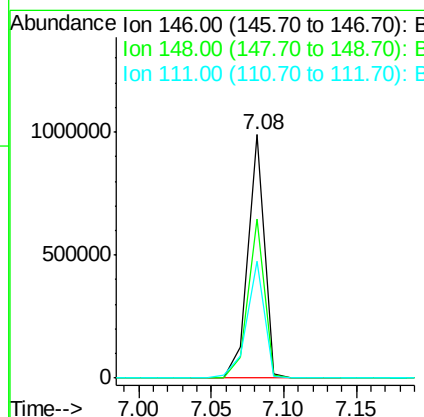
Manual Integrations
 APPROVED

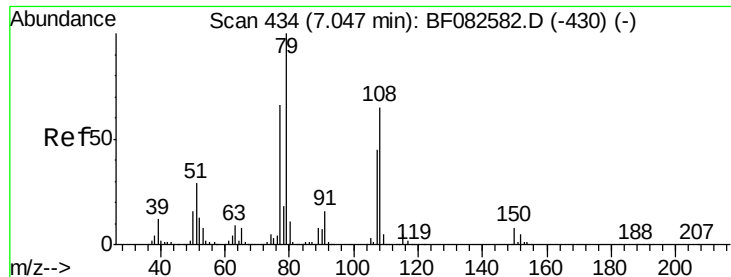
Mmdadoda
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#14
 1,2-Dichlorobenzene
 Concen: 42.35 ng
 RT: 7.08 min Scan# 437
 Delta R.T. -0.00 min
 Lab File: BF082626.D
 Acq: 31 Oct 2015 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	778208		
148	65.5	52.2	78.4	
111	48.3	36.6	55.0	





#15

Benzyl Alcohol

Concen: 34.15 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.00 min

Lab File: BF082626.D

Acq: 31 Oct 2015 17:30

Instrument :

BNA_F

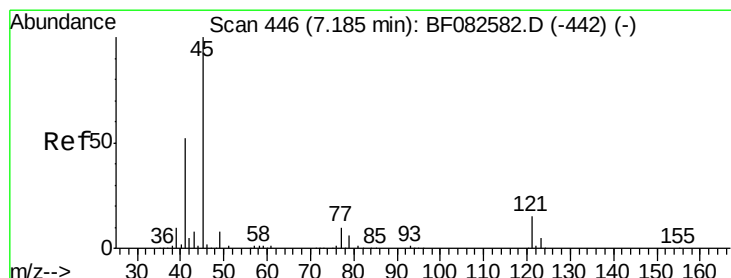
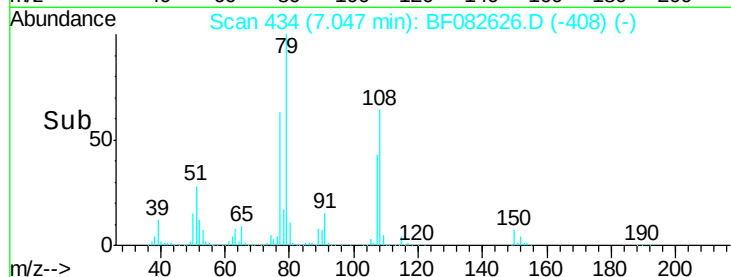
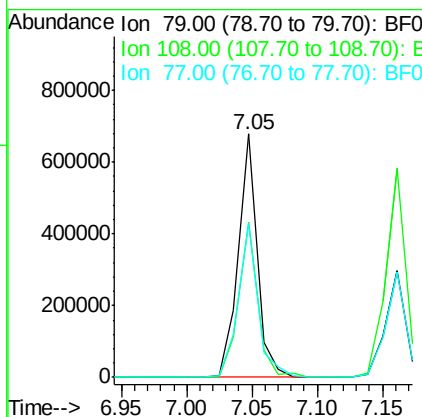
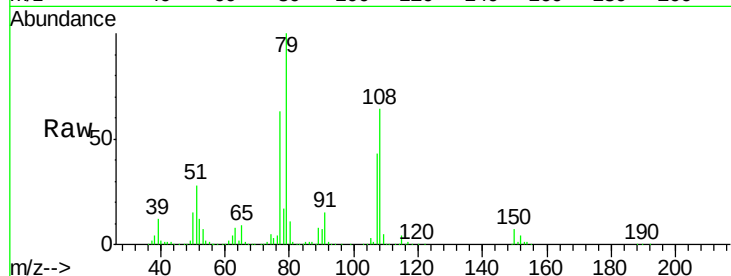
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	684443
Ion Ratio	Lower	Upper	
79	100		
108	63.8	52.2	78.4
77	63.5	52.7	79.1

Manual Integrations
APPROVED

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11/2/2015 4:32:39 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.30 ng

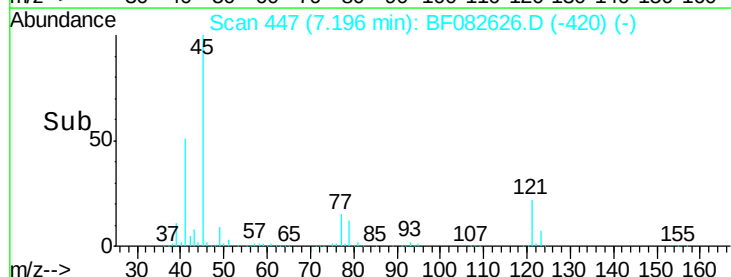
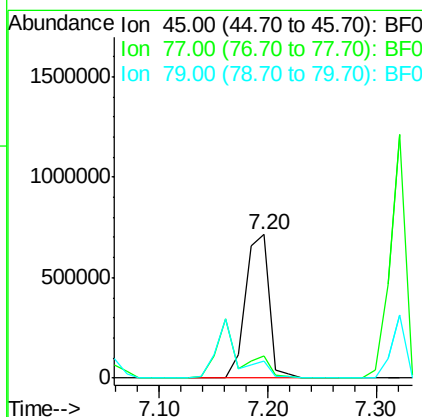
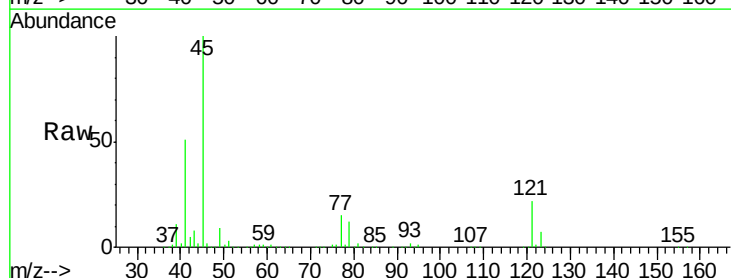
RT: 7.20 min Scan# 447

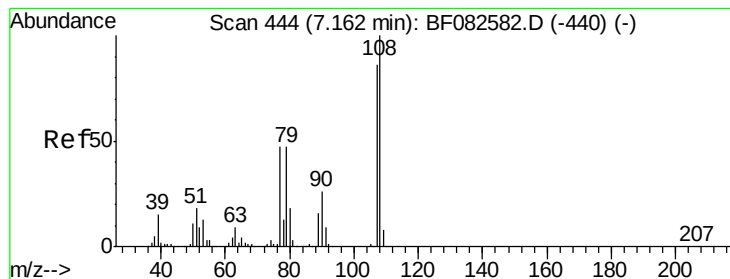
Delta R.T. 0.01 min

Lab File: BF082626.D

Acq: 31 Oct 2015 17:30

Tgt Ion:	45	Resp:	1065269
Ion Ratio	Lower	Upper	
45	100		
77	15.3	0.0	32.6
79	11.9	0.0	29.2





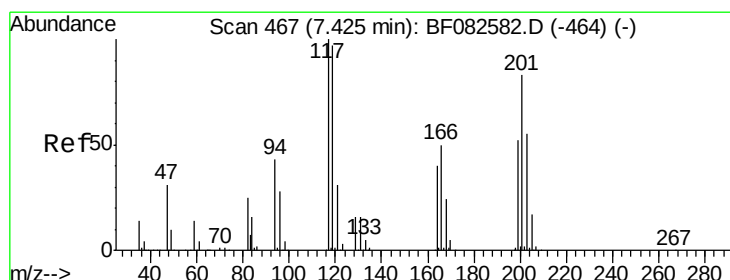
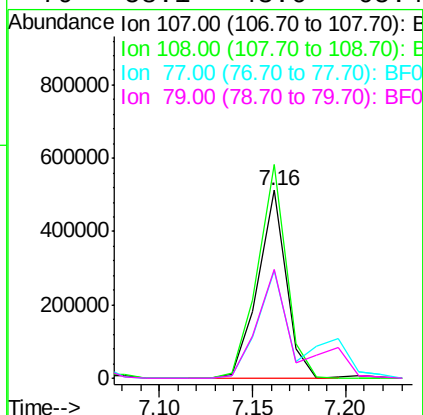
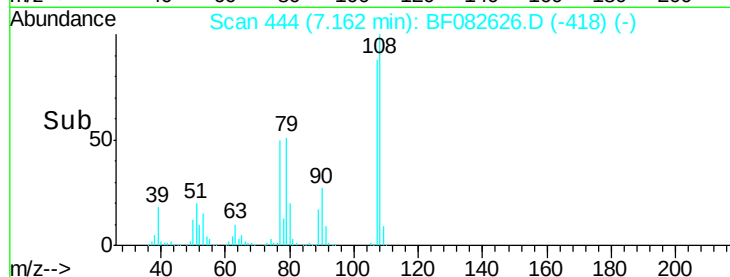
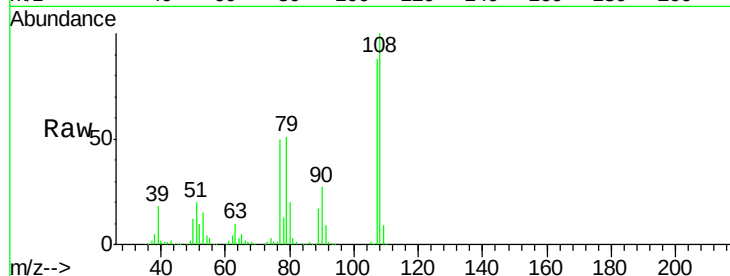
#17
2-Methylphenol
Concen: 36.33 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF082626.D
Acq: 31 Oct 2015 17:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	540734		
108	113.8	93.0	139.4	
77	57.4	44.1	66.1	
79	58.1	43.6	65.4	

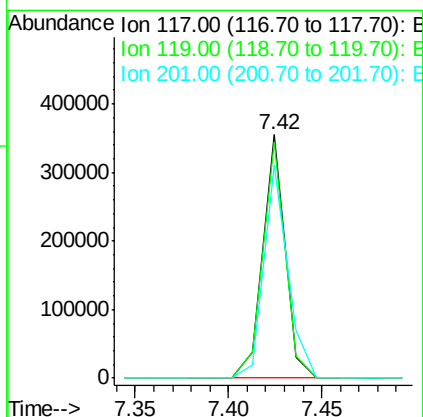
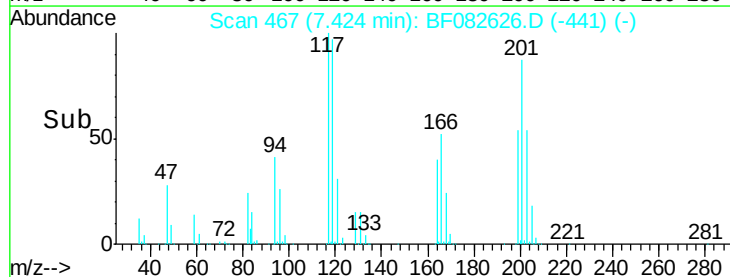
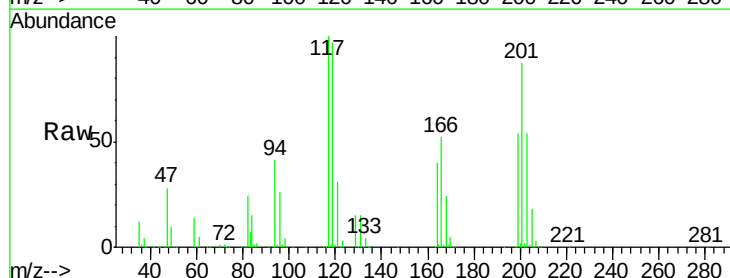
Manual Integrations
APPROVED

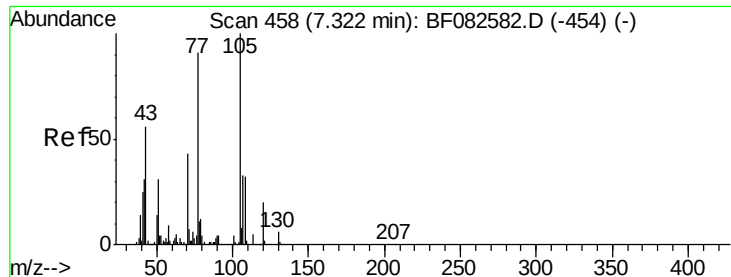
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11/2/2015 4:32:39 PM



#18
Hexachloroethane
Concen: 37.78 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.00 min
Lab File: BF082626.D
Acq: 31 Oct 2015 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	291883		
119	97.0	77.7	116.5	
201	87.3	66.7	100.1	





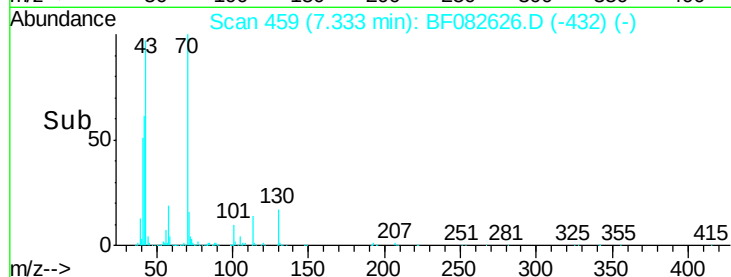
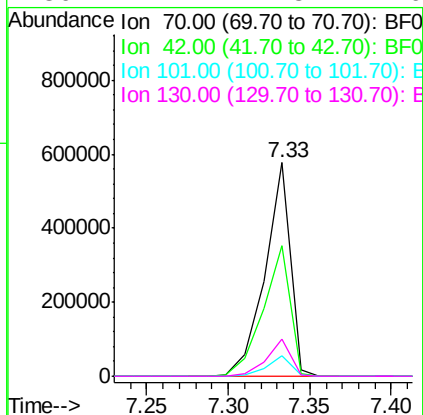
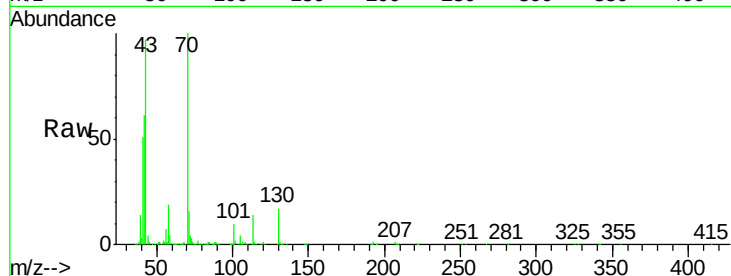
#19
n-Nitroso-di-n-propylamine
Concen: 38.33 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.01 min
Lab File: BF082626.D
Acq: 31 Oct 2015 17:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	624475		
42	60.9	57.7	86.5	
101	9.7	7.0	10.6	
130	17.4	11.8	17.6	

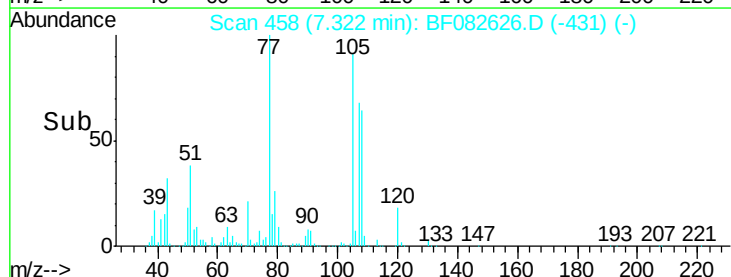
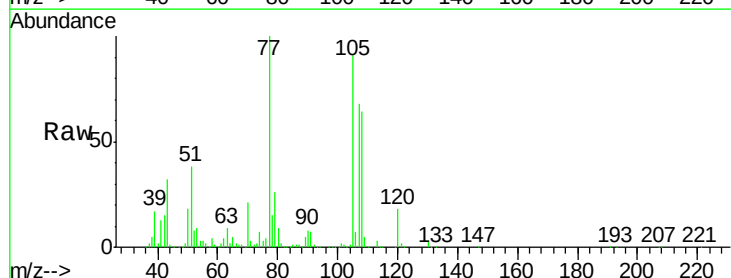
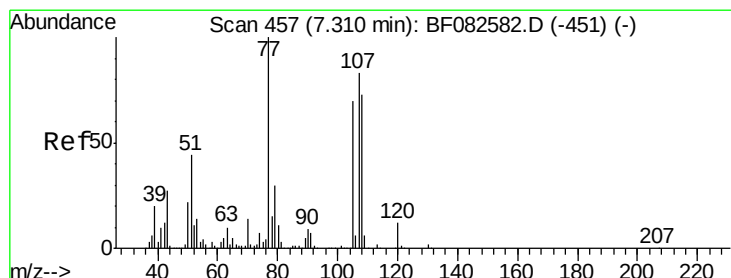
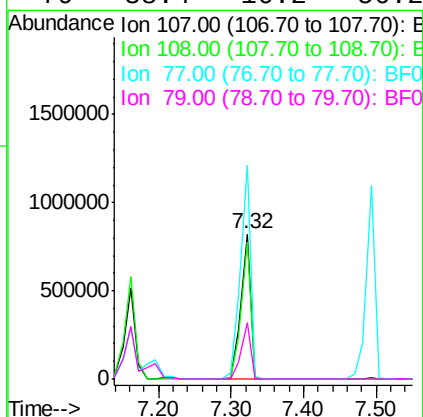
Manual Integrations
APPROVED

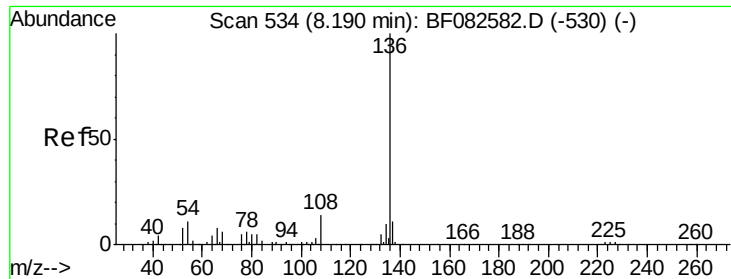
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11/2/2015 4:32:39 PM



#20
3+4-Methylphenols
Concen: 39.60 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.01 min
Lab File: BF082626.D
Acq: 31 Oct 2015 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	766115		
108	94.1	67.3	107.3	
77	147.3	100.3	140.3#	
79	38.4	16.2	56.2	





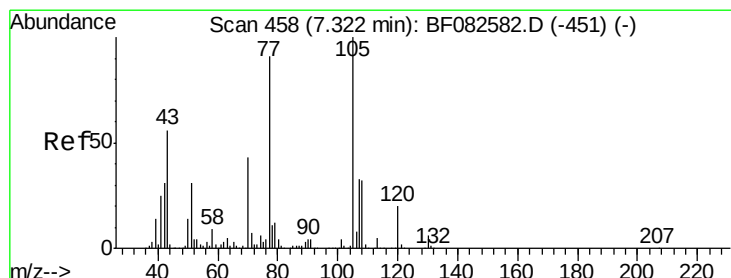
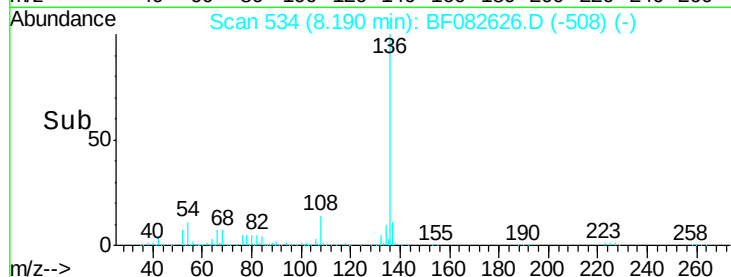
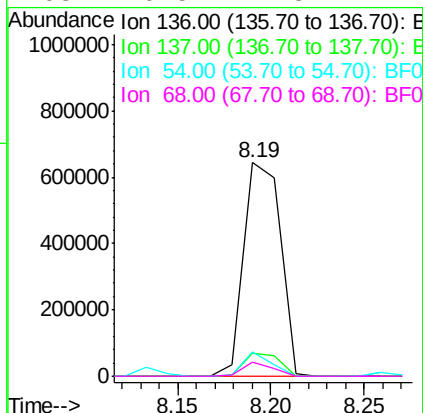
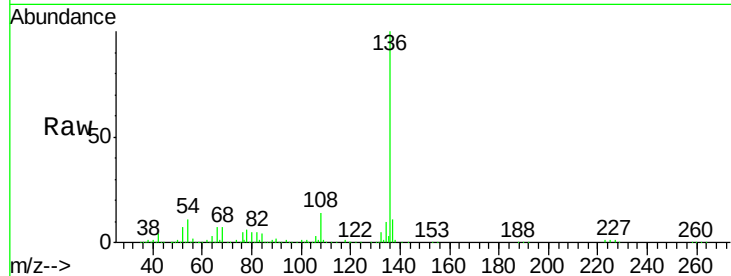
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF082626.D
Acq: 31 Oct 2015 17:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	880287		
137	11.0		9.1	13.7
54	11.4		9.1	13.7
68	6.5		4.8	7.2

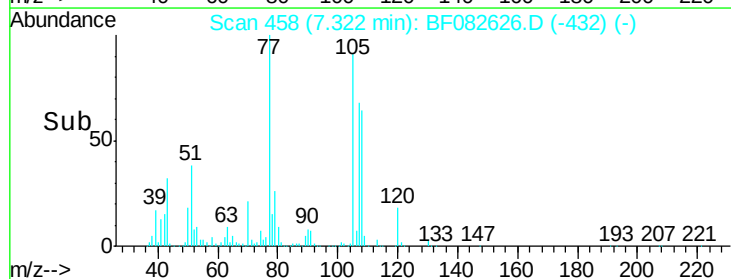
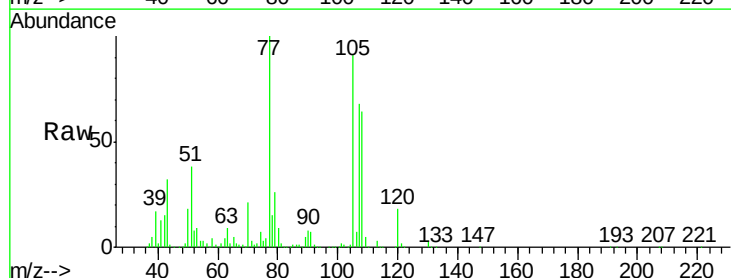
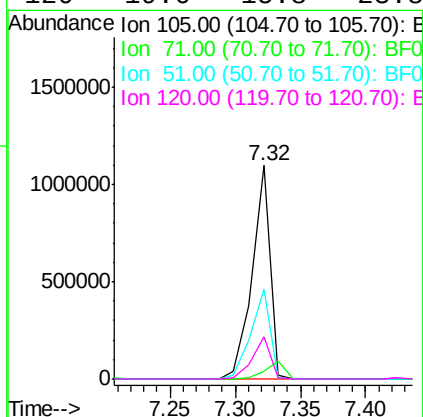
Manual Integrations
APPROVED

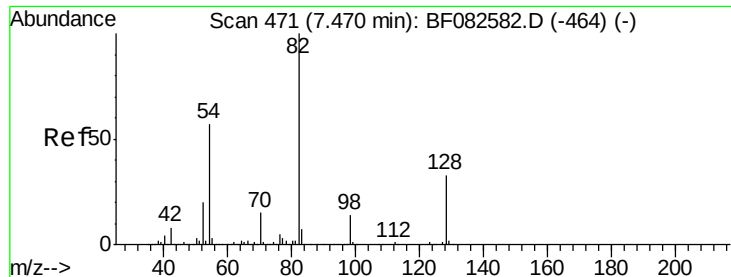
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11/2/2015 4:32:39 PM



#22
Acetophenone
Concen: 40.57 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF082626.D
Acq: 31 Oct 2015 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1051362		
71	3.7		5.6	8.4#
51	41.7		24.9	37.3#
120	19.6		15.8	23.8





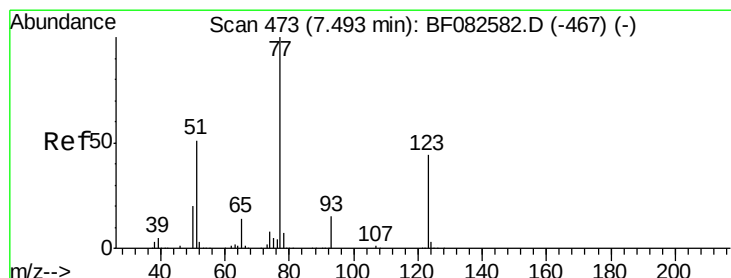
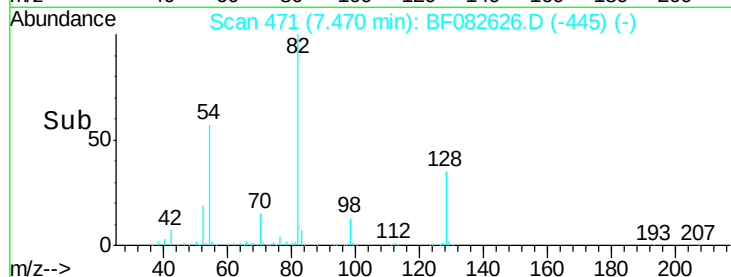
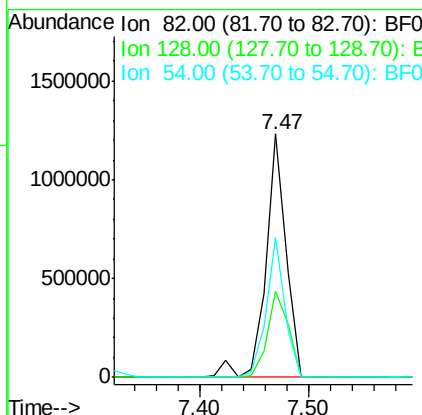
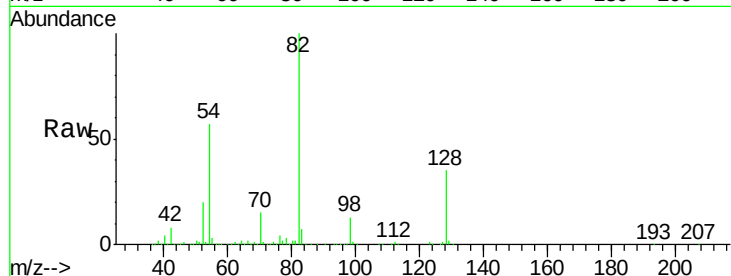
#23
Nitrobenzene-d5
Concen: 74.05 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF082626.D
Acq: 31 Oct 2015 17:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.2	26.8	40.2
54	57.4	45.7	68.5

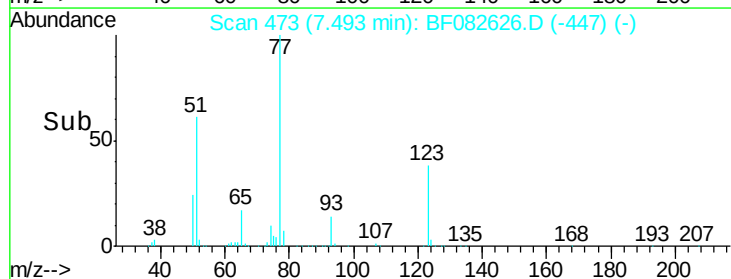
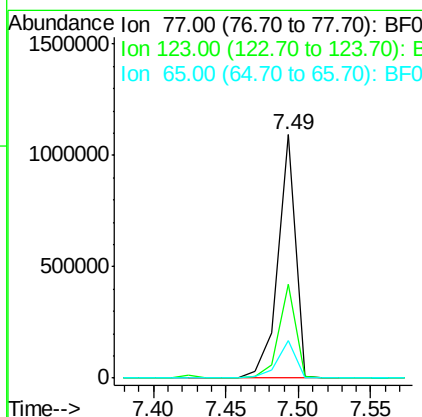
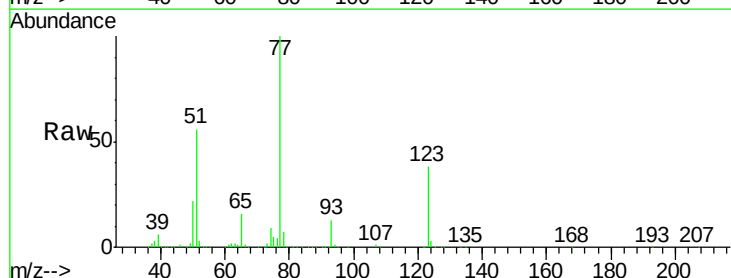
Manual Integrations
APPROVED

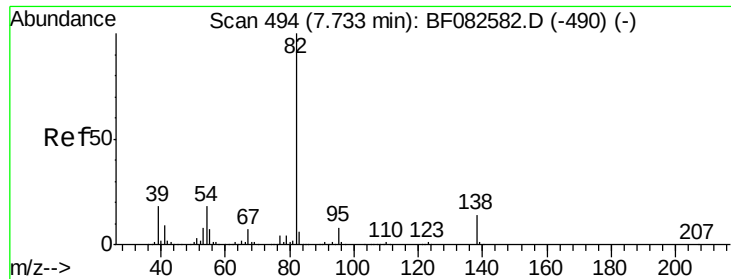
Mmdadoda
11/2/2015 4:32:39 PM



#24
Nitrobenzene
Concen: 42.23 ng
RT: 7.49 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF082626.D
Acq: 31 Oct 2015 17:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.4	36.4	54.6
65	15.6	11.5	17.3





#25

Isophorone

Concen: 36.89 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF082626.D

Acq: 31 Oct 2015 17:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1462866

Ion Ratio Lower Upper

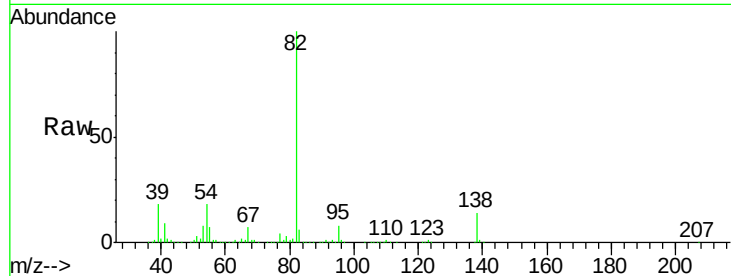
82 100

95 7.9 6.6 9.8

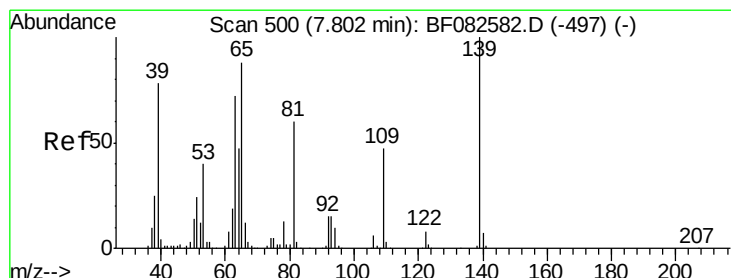
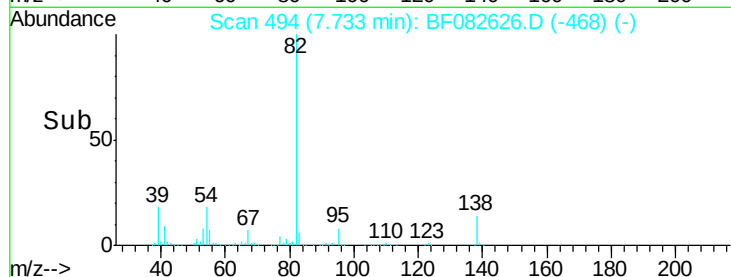
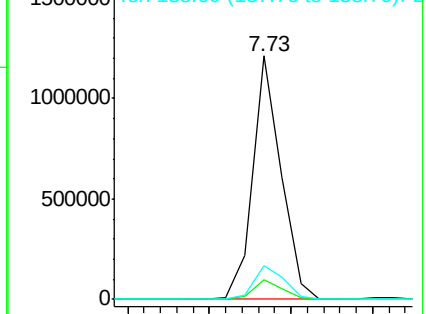
138 13.7 11.4 17.0

Manual Integrations
APPROVED

Mmdadoda
11/2/2015 4:32:39 PM



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



#26

2-Nitrophenol

Concen: 44.63 ng

RT: 7.81 min Scan# 501

Delta R.T. 0.01 min

Lab File: BF082626.D

Acq: 31 Oct 2015 17:30

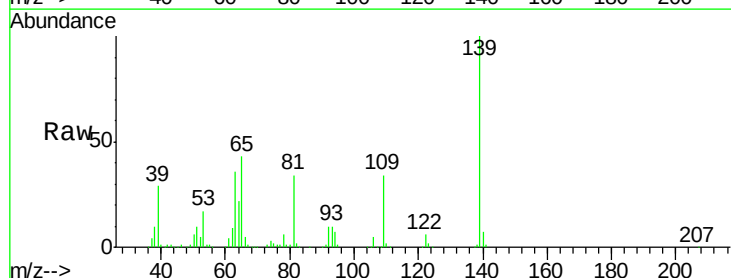
Tgt Ion: 139 Resp: 355247

Ion Ratio Lower Upper

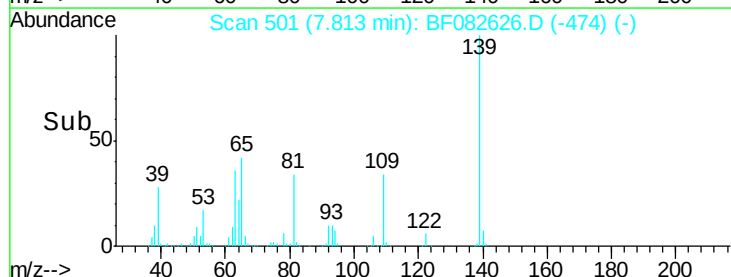
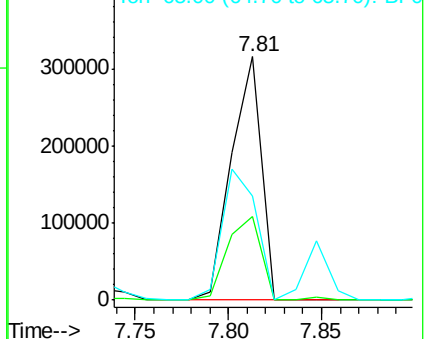
139 100

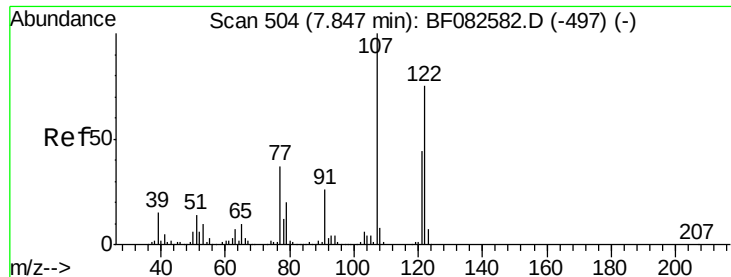
109 34.4 37.6 56.4#

65 42.6 70.6 105.8#



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





#27

2,4-Dimethylphenol

Concen: 36.05 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF082626.D

Acq: 31 Oct 2015 17:30

Instrument :

BNA_F

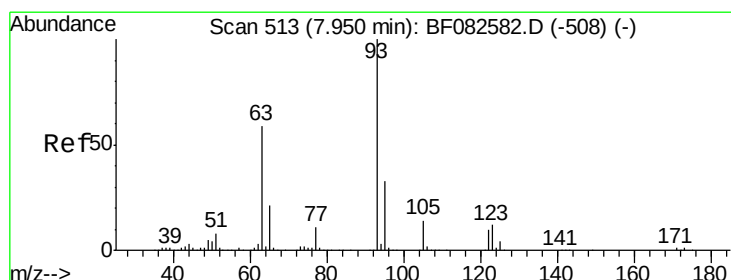
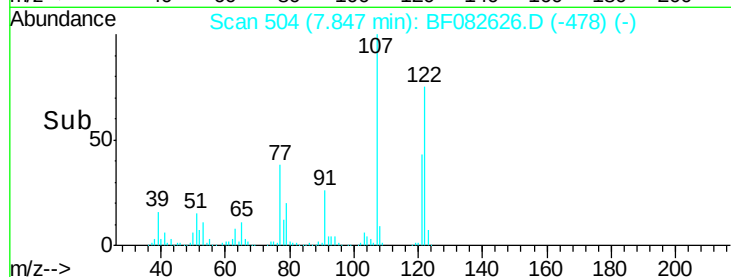
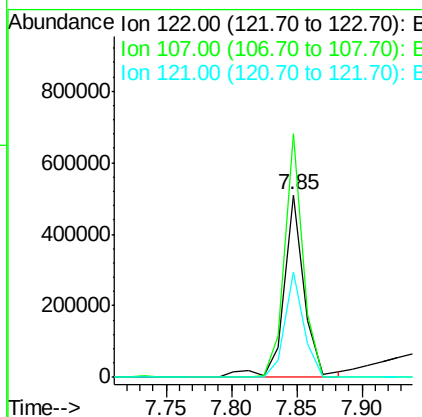
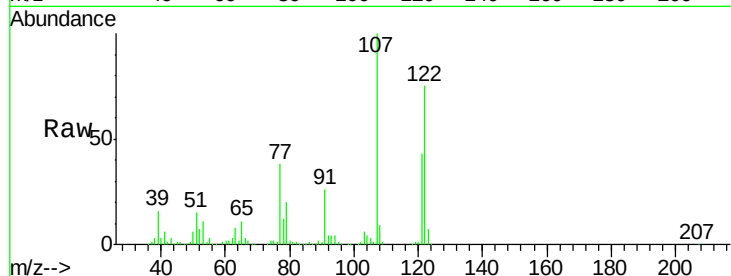
ClientSampleId :

SSTDCCC040

Tgt Ion:	122	Resp:	560177
Ion Ratio	Lower	Upper	
122	100		
107	133.2	106.0	159.0
121	57.9	46.7	70.1

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#28

bis(2-Chloroethoxy)methane

Concen: 41.35 ng

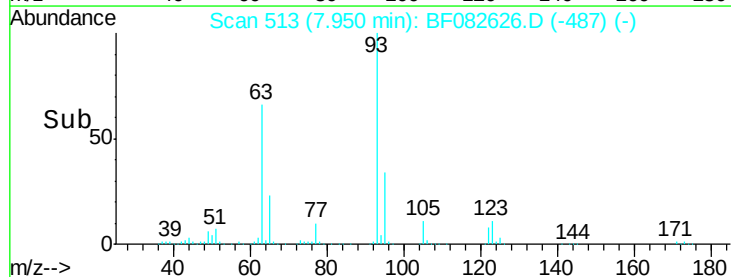
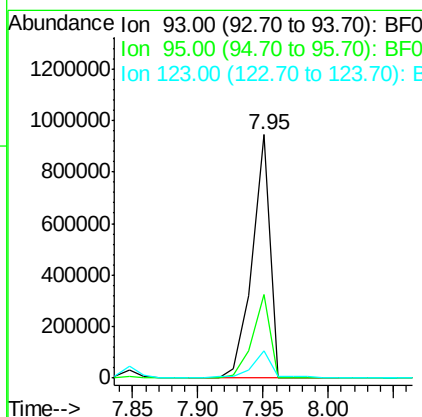
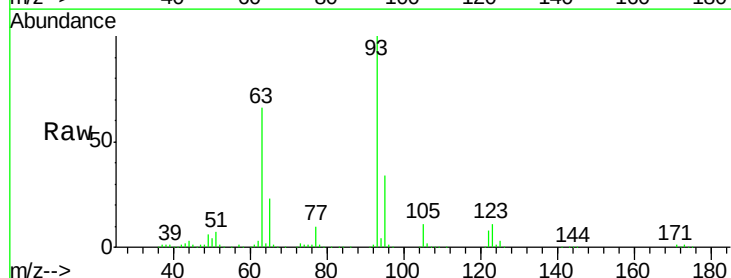
RT: 7.95 min Scan# 513

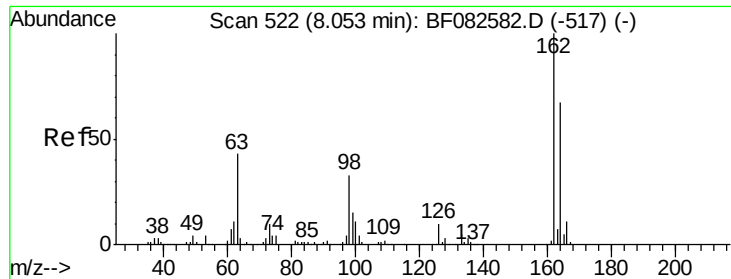
Delta R.T. -0.00 min

Lab File: BF082626.D

Acq: 31 Oct 2015 17:30

Tgt Ion:	93	Resp:	896937
Ion Ratio	Lower	Upper	
93	100		
95	34.5	26.6	40.0
123	11.3	9.7	14.5





#29

2,4-Dichlorophenol

Concen: 42.31 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF082626.D

Acq: 31 Oct 2015 17:30

Instrument :

BNA_F

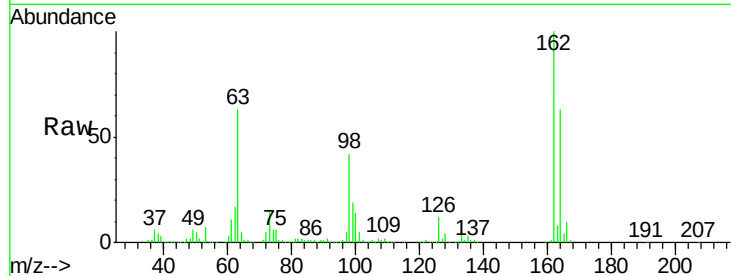
ClientSampleId :

SSTDCCC040

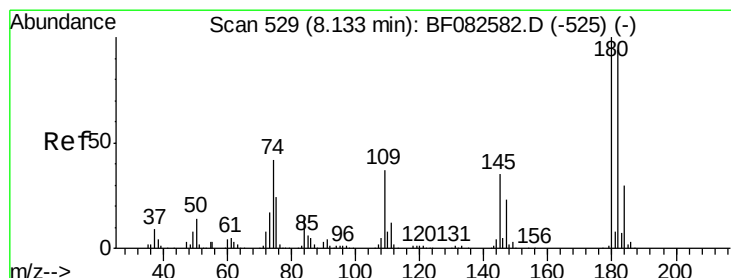
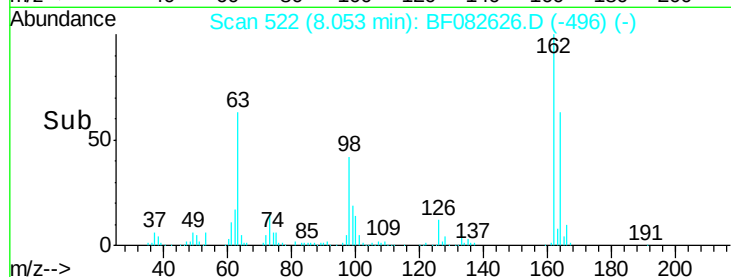
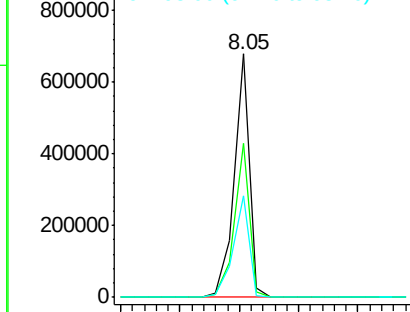
Tgt Ion:	162	Resp:	599274
Ion Ratio	Lower	Upper	
162	100		
164	63.3	46.8	86.8
98	41.8	12.5	52.5

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



#30

1,2,4-Trichlorobenzene

Concen: 39.20 ng

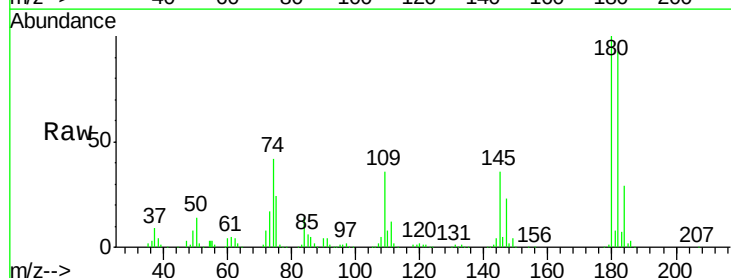
RT: 8.13 min Scan# 529

Delta R.T. -0.00 min

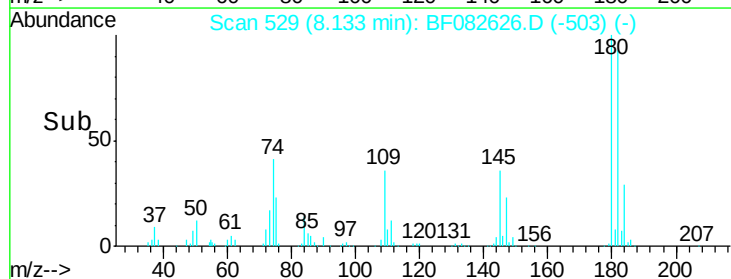
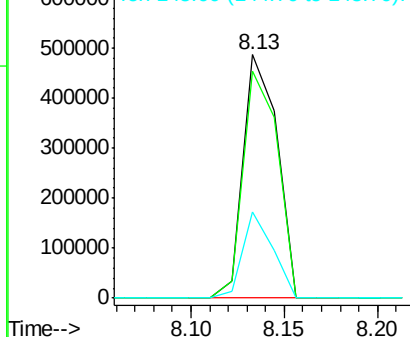
Lab File: BF082626.D

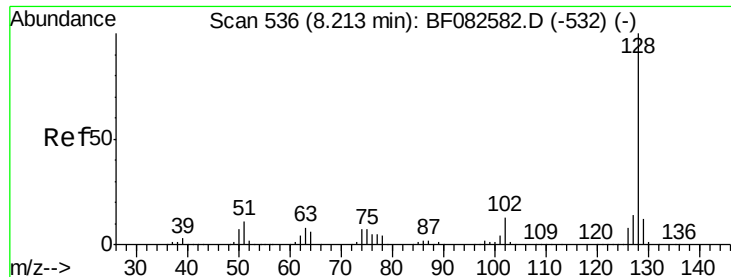
Acq: 31 Oct 2015 17:30

Tgt Ion:	180	Resp:	616115
Ion Ratio	Lower	Upper	
180	100		
182	93.3	74.9	112.3
145	35.5	27.8	41.8



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





#31

Naphthalene

Concen: 37.59 ng

RT: 8.22 min Scan# 537

Delta R.T. 0.01 min

Lab File: BF082626.D

Acq: 31 Oct 2015 17:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:128 Resp: 1790369

Ion Ratio Lower Upper

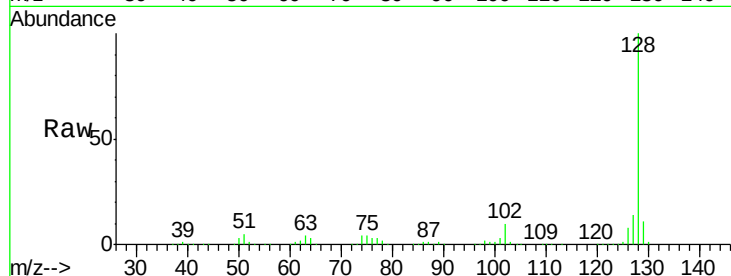
128 100

129 11.0 9.5 14.3

127 14.0 11.4 17.0

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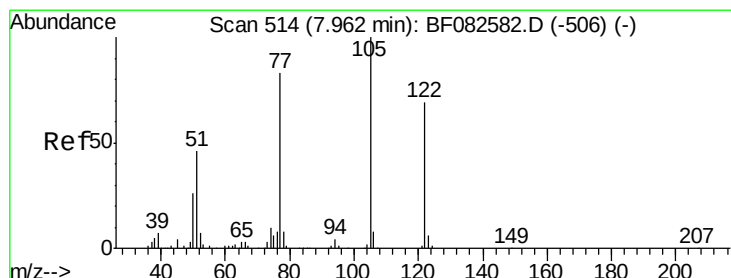
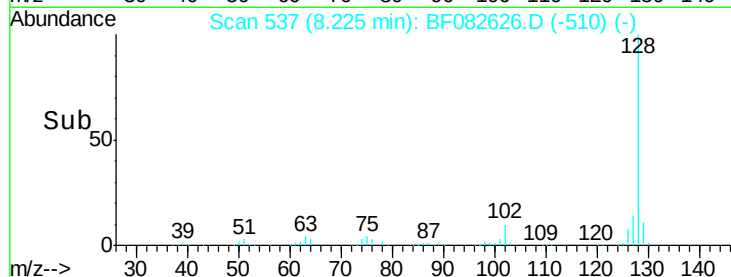
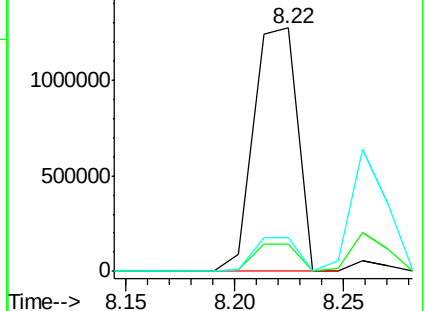
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.82 ng

RT: 7.97 min Scan# 515

Delta R.T. 0.01 min

Lab File: BF082626.D

Acq: 31 Oct 2015 17:30

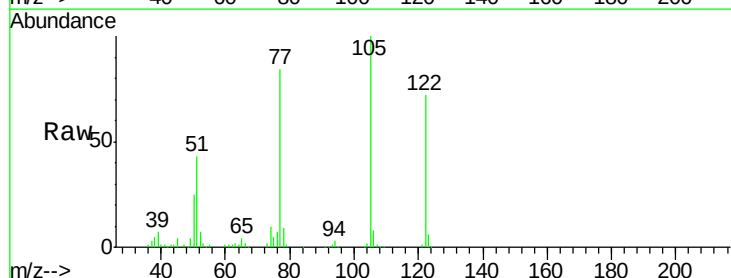
Tgt Ion:122 Resp: 471357

Ion Ratio Lower Upper

122 100

105 139.7 122.6 162.6

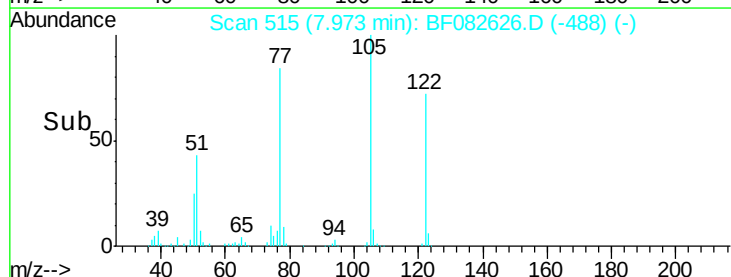
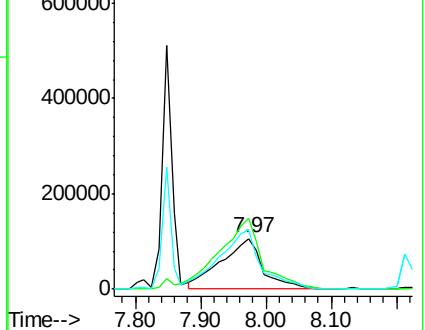
77 117.5 100.9 140.9

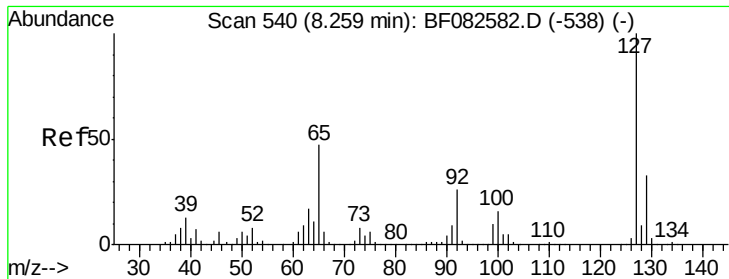


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





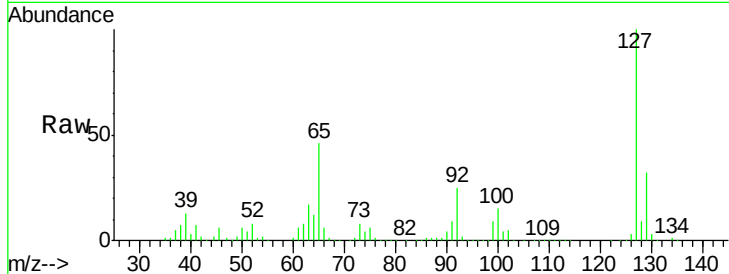
#33
 4-Chloroaniline
 Concen: 35.78 ng
 RT: 8.26 min Scan# 540
 Delta R.T. -0.00 min
 Lab File: BF082626.D
 Acq: 31 Oct 2015 17:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

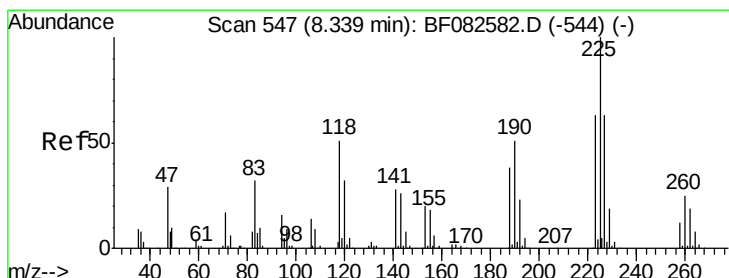
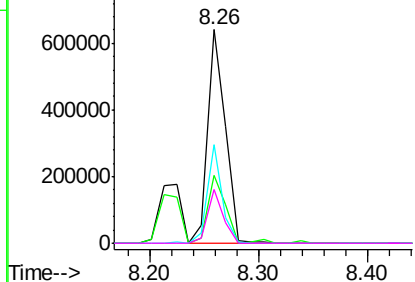
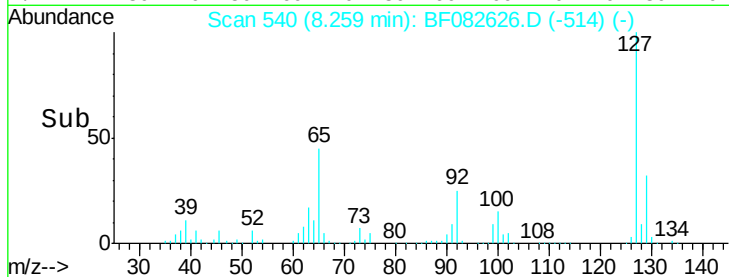
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
127	100		727570		
129	32.0	26.3	39.5		
65	46.0	37.8	56.8		
92	25.3	20.6	31.0		

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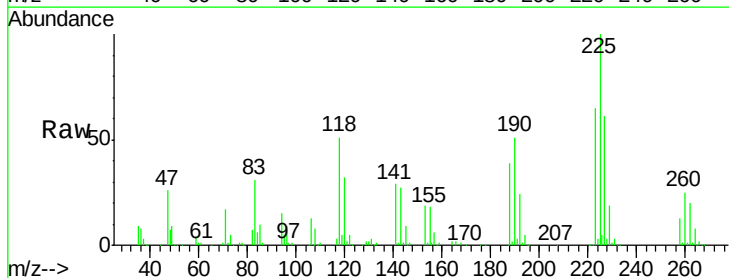


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

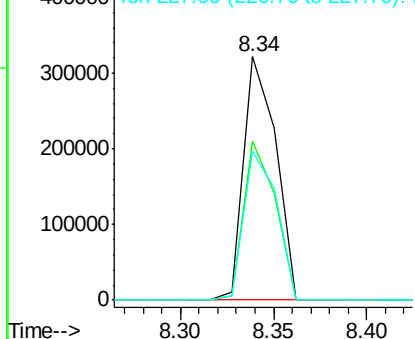
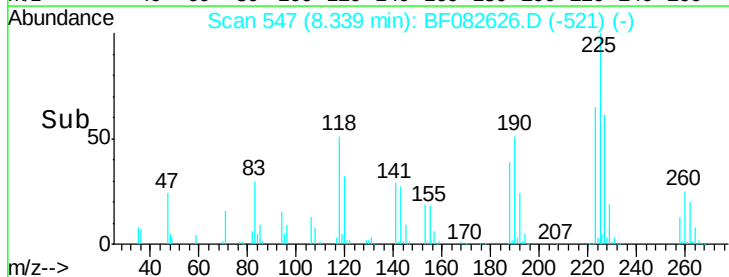


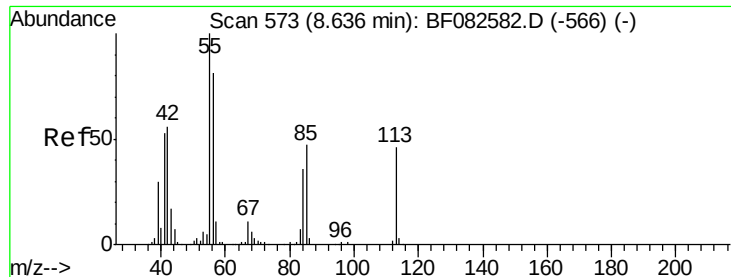
#34
 Hexachlorobutadiene
 Concen: 38.47 ng
 RT: 8.34 min Scan# 547
 Delta R.T. -0.00 min
 Lab File: BF082626.D
 Acq: 31 Oct 2015 17:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		384596		
223	65.4	50.5	75.7		
227	61.0	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: 36.55 ng

RT: 8.65 min Scan# 574

Delta R.T. 0.01 min

Lab File: BF082626.D

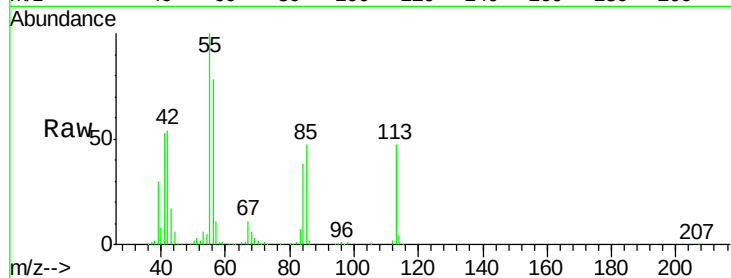
Acq: 31 Oct 2015 17:30

Instrument :

BNA_F

ClientSampleId :

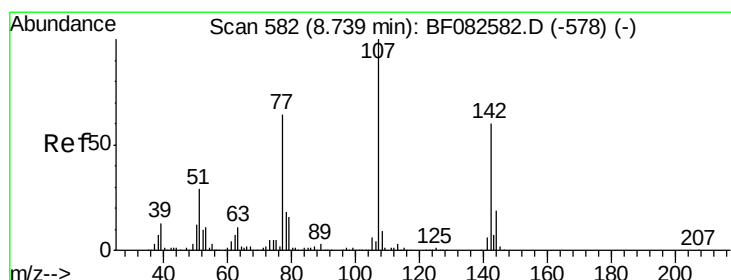
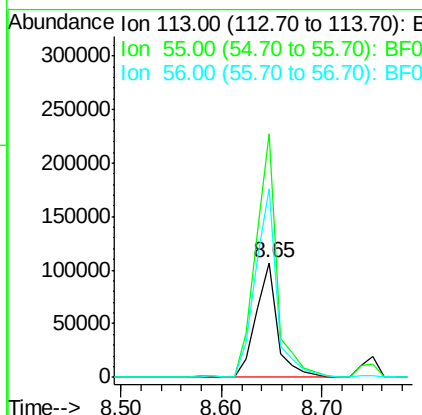
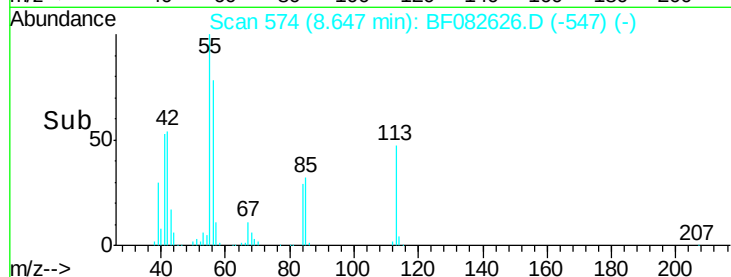
SSTDCCC040



Tgt Ion:	113	Resp:	158801
Ion Ratio	Lower	Upper	
113	100		
55	212.3	195.5	235.5
56	164.6	153.5	193.5

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#36

4-Chloro-3-methylphenol

Concen: 41.00 ng

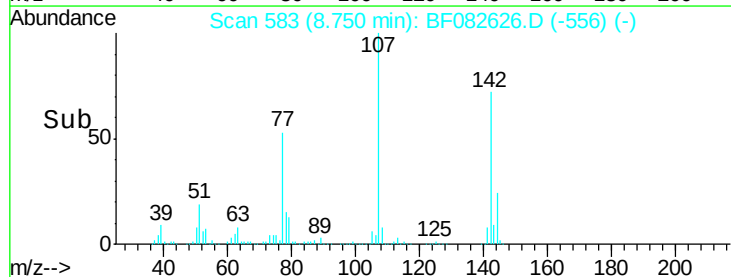
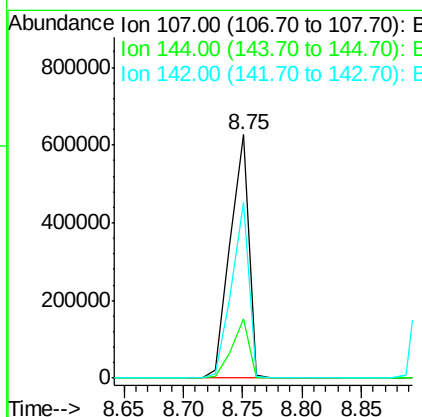
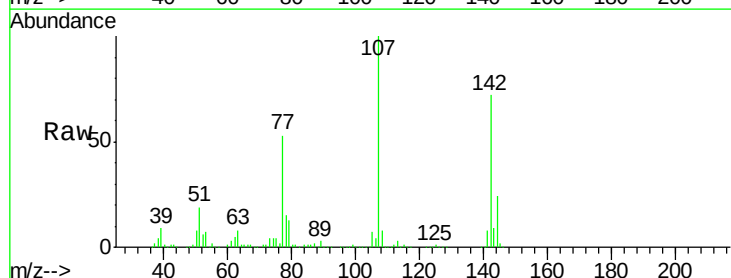
RT: 8.75 min Scan# 583

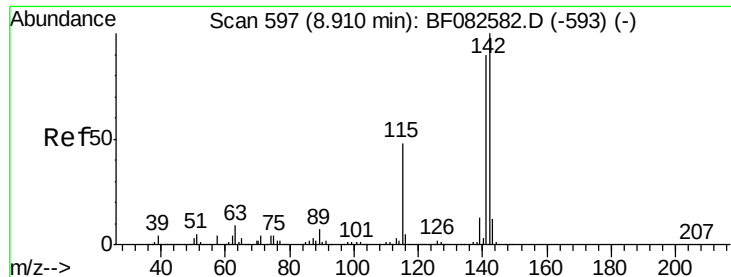
Delta R.T. 0.01 min

Lab File: BF082626.D

Acq: 31 Oct 2015 17:30

Tgt Ion:	107	Resp:	683753
Ion Ratio	Lower	Upper	
107	100		
144	24.1	15.4	23.0#
142	72.4	47.8	71.8#





#37

2-Methylnaphthalene

Concen: 39.90 ng

RT: 8.91 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF082626.D

Acq: 31 Oct 2015 17:30

Instrument :

BNA_F

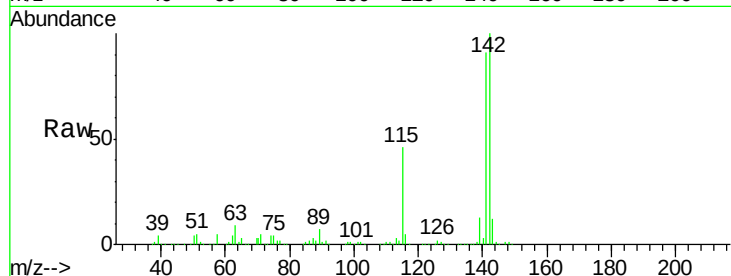
ClientSampleId :

SSTDCCC040

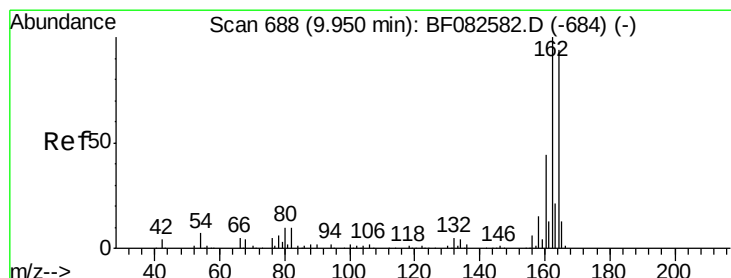
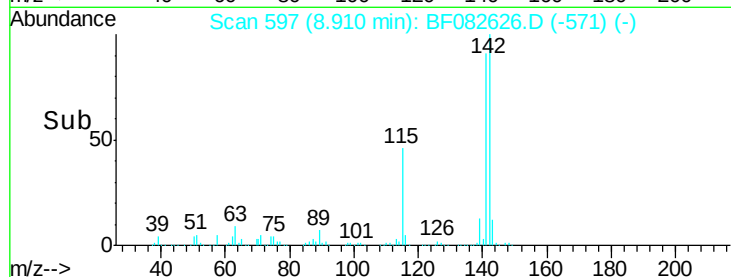
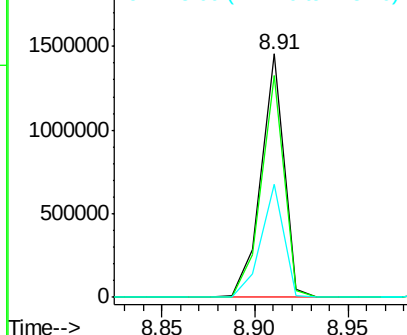
Tgt Ion:	142	Resp:	1231660
Ion Ratio	Lower	Upper	
142	100		
141	91.3	72.3	108.5
115	46.2	38.1	57.1

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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

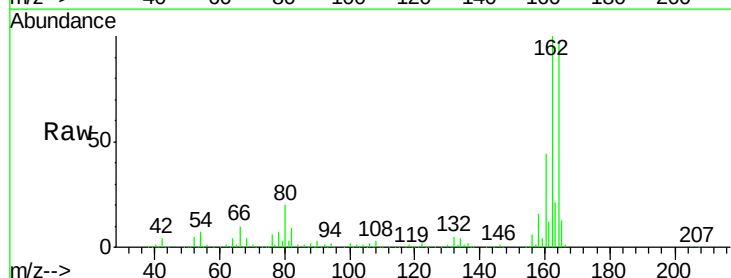
RT: 9.95 min Scan# 688

Delta R.T. -0.00 min

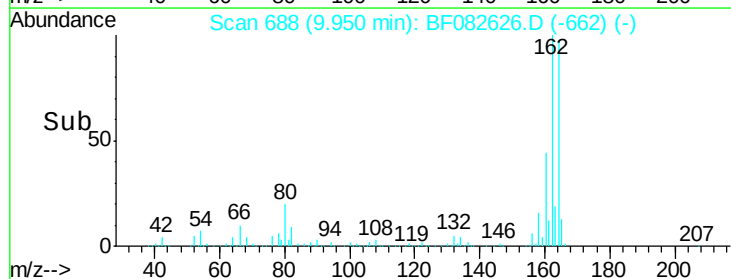
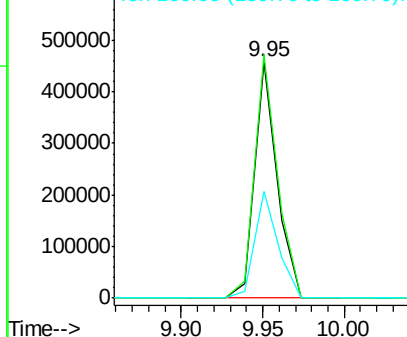
Lab File: BF082626.D

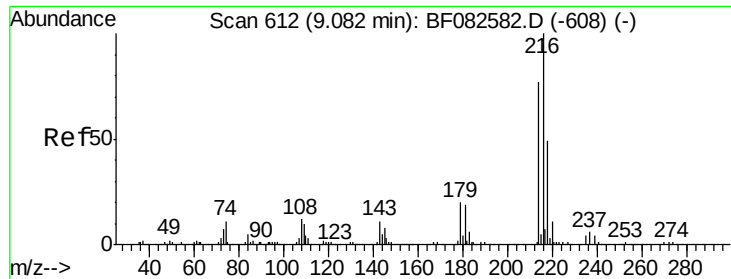
Acq: 31 Oct 2015 17:30

Tgt Ion:	164	Resp:	437995
Ion Ratio	Lower	Upper	
164	100		
162	102.9	84.9	127.3
160	45.4	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





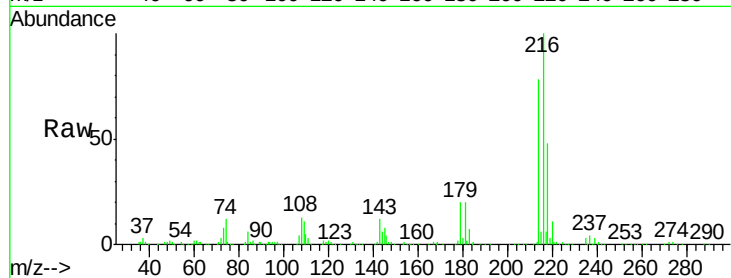
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.03 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF082626.D
 Acq: 31 Oct 2015 17:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

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Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.2	93.2
179	22.1	18.1	27.1
108	19.8	16.6	25.0



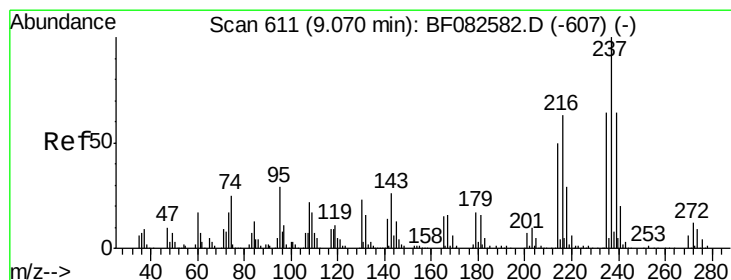
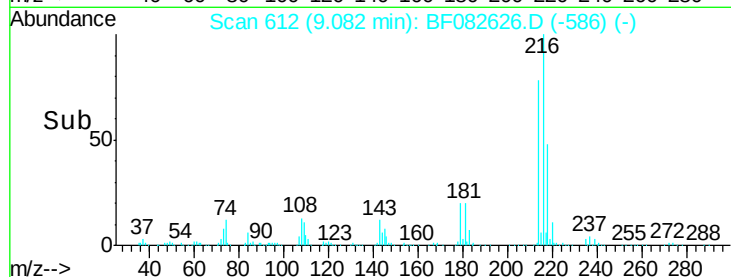
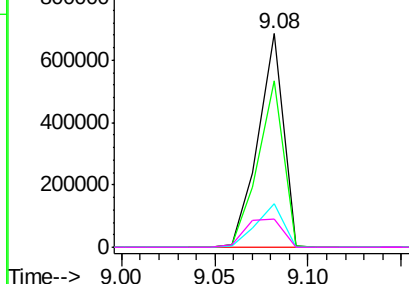
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

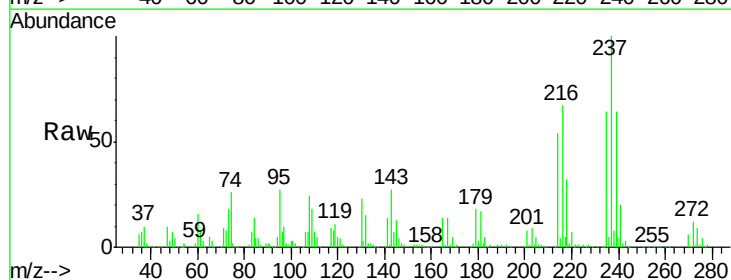
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 31.63 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF082626.D
 Acq: 31 Oct 2015 17:30

Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.3	44.3	84.3
272	11.9	0.0	31.9

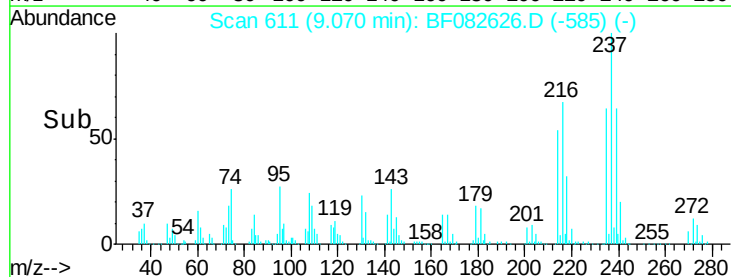
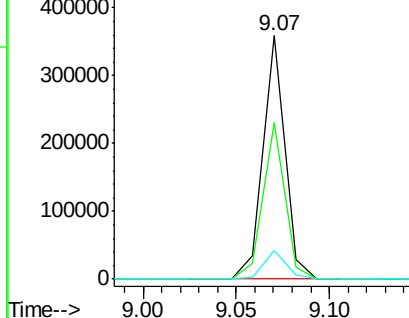


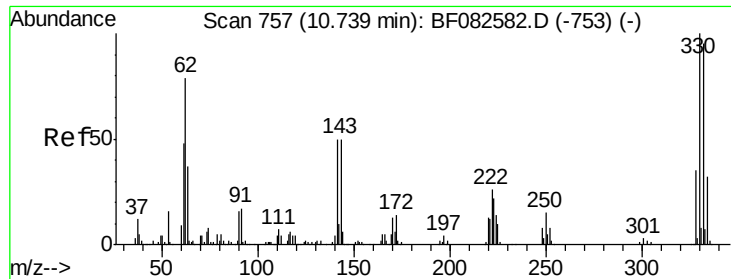
Abundance

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





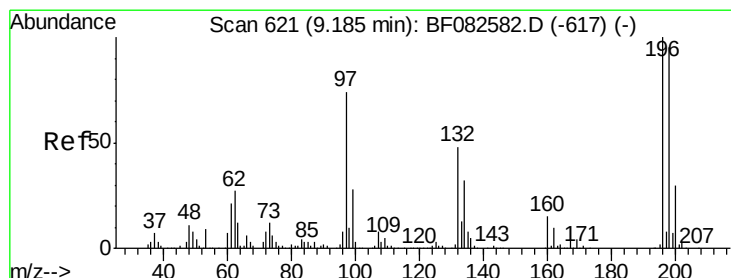
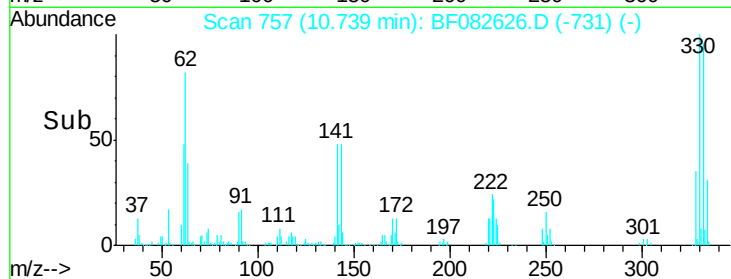
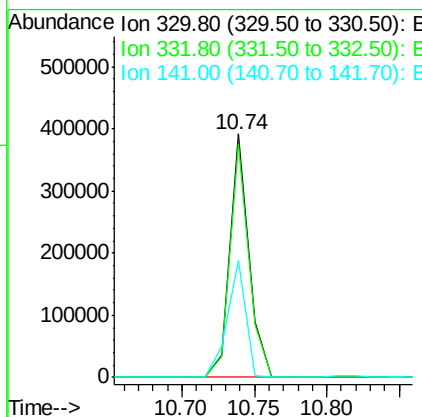
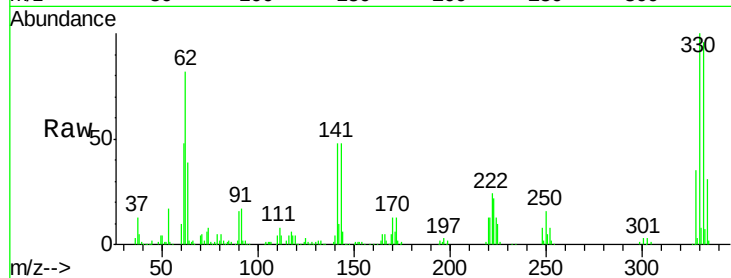
#41
 2,4,6-Tribromophenol
 Concen: 74.17 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF082626.D
 Acq: 31 Oct 2015 17:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	355547		
332	95.8	76.6	114.8	
141	47.0	41.2	61.8	

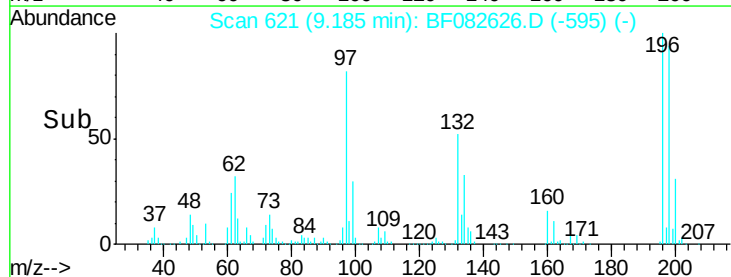
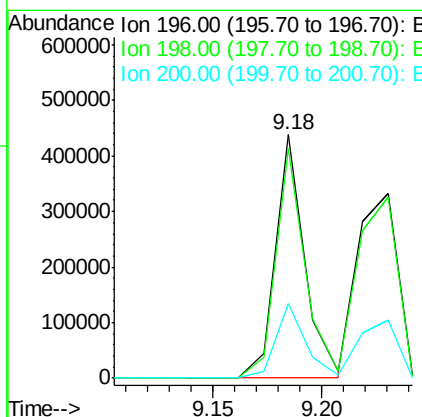
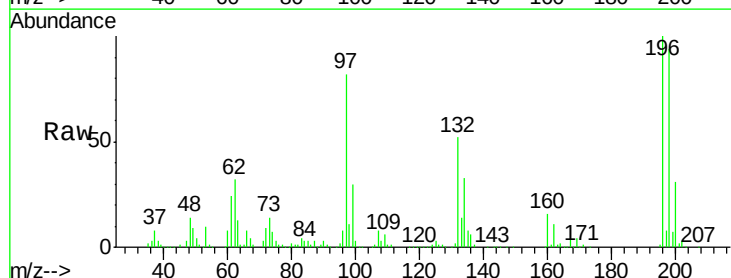
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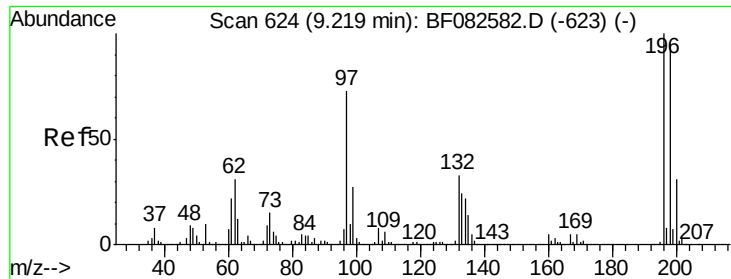
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#42
 2,4,6-Trichlorophenol
 Concen: 39.09 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF082626.D
 Acq: 31 Oct 2015 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	412485		
198	94.2	76.3	114.5	
200	30.8	23.9	35.9	





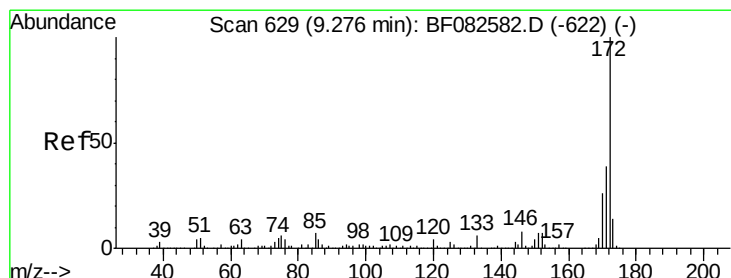
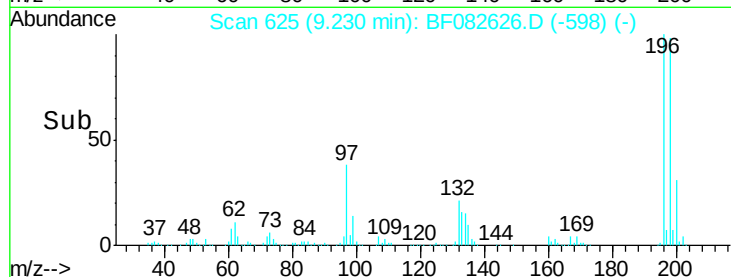
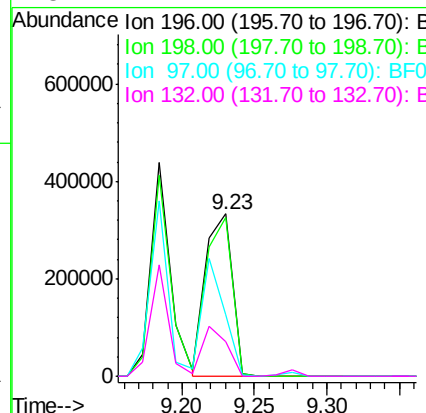
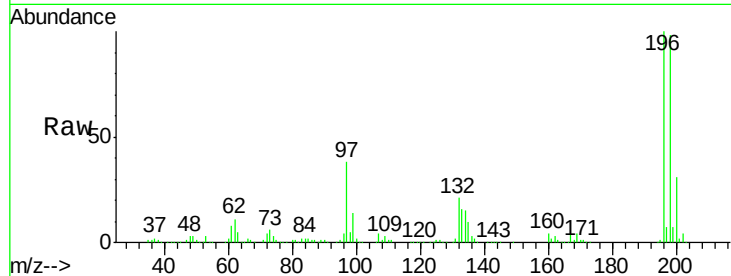
#43
 2,4,5-Trichlorophenol
 Concen: 40.66 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.01 min
 Lab File: BF082626.D
 Acq: 31 Oct 2015 17:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	427530		
198	97.9	75.8	113.8	
97	37.5	62.3	93.5	
132	21.2	27.4	41.2	

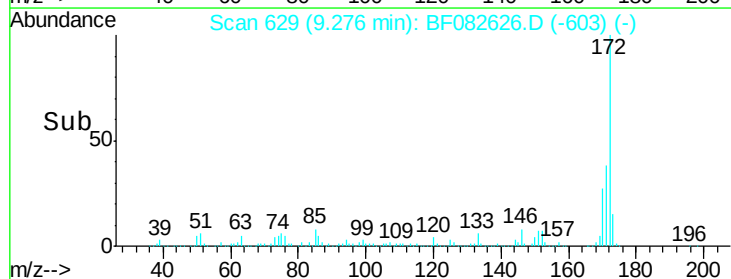
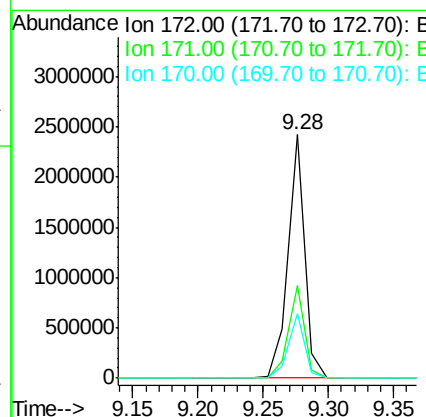
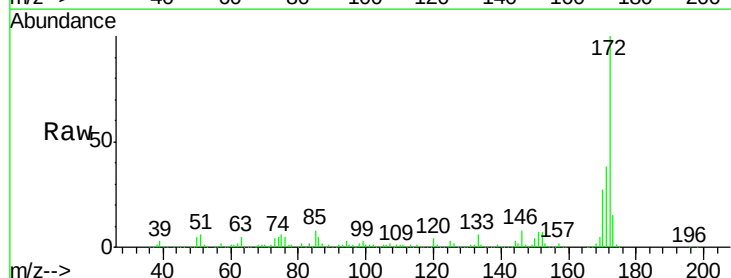
Manual Integrations
 APPROVED

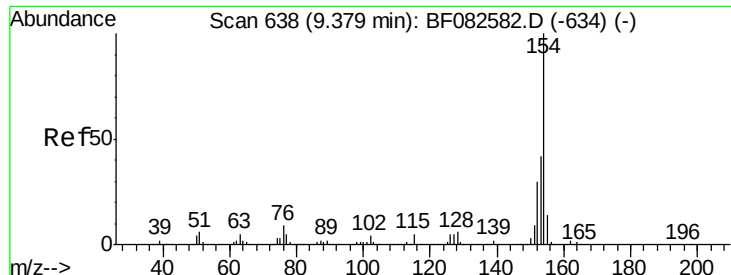
Mmdadoda
 11/2/2015 4:32:39 PM



#44
 2-Fluorobiphenyl
 Concen: 70.51 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF082626.D
 Acq: 31 Oct 2015 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2175198		
171	38.2	30.8	46.2	
170	26.7	21.2	31.8	





#45

1,1'-Biphenyl

Concen: 43.82 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF082626.D

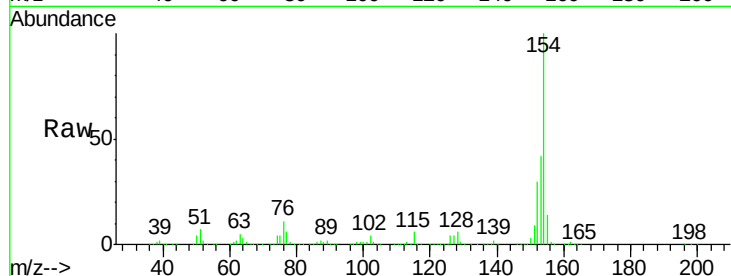
Acq: 31 Oct 2015 17:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:154 Resp: 1621208

Ion Ratio Lower Upper

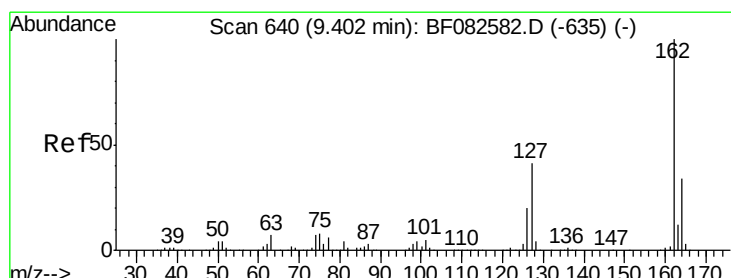
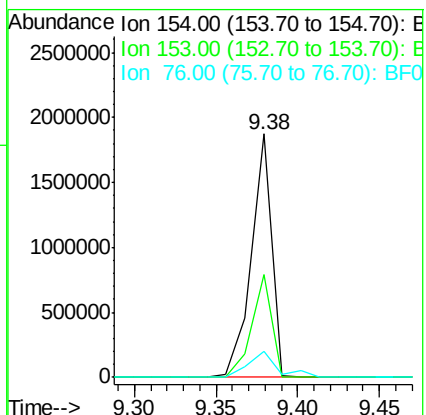
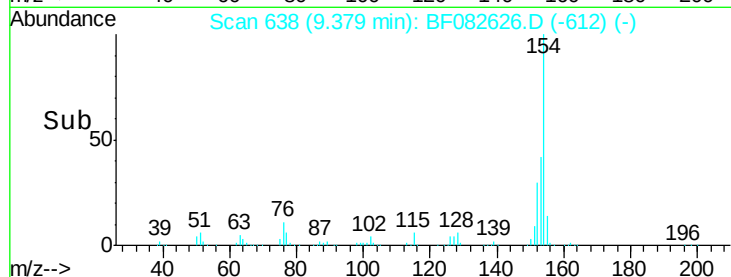
154 100

153 42.2 22.0 62.0

76 10.7 0.0 29.0

Manual Integrations
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Mmdadoda
11/2/2015 4:32:39 PM



#46

2-Chloronaphthalene

Concen: 43.24 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.00 min

Lab File: BF082626.D

Acq: 31 Oct 2015 17:30

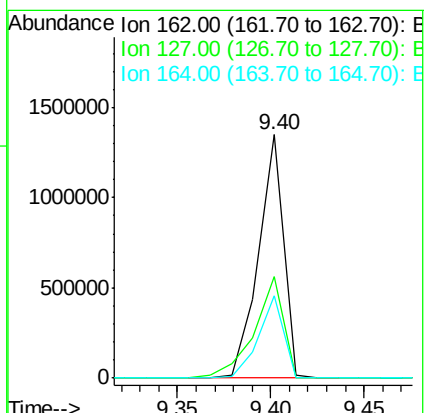
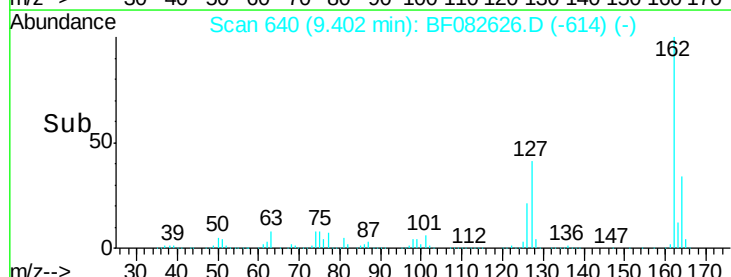
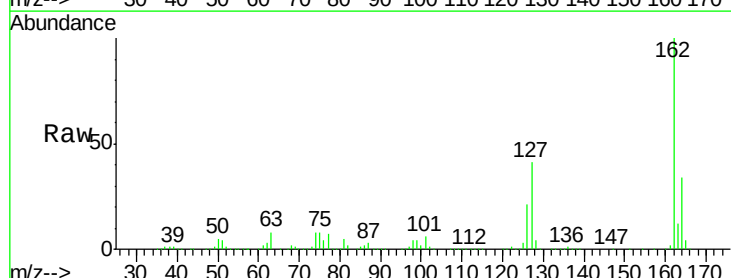
Tgt Ion:162 Resp: 1249254

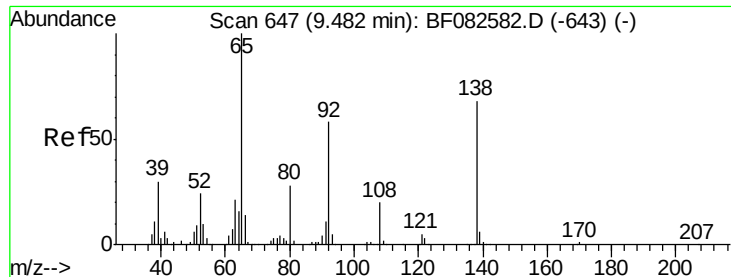
Ion Ratio Lower Upper

162 100

127 41.5 32.7 49.1

164 34.1 27.4 41.0





#47

2-Nitroaniline

Concen: 42.76 ng

RT: 9.49 min Scan# 648

Delta R.T. 0.01 min

Lab File: BF082626.D

Acq: 31 Oct 2015 17:30

Instrument :

BNA_F

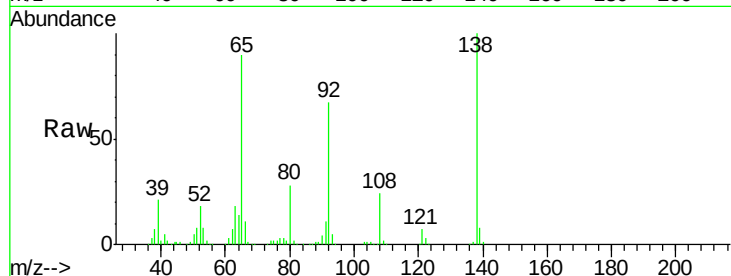
ClientSampleId :

SSTDCCC040

Manual Integrations
APPROVED

Mmdadoda

11/2/2015 4:32:39 PM

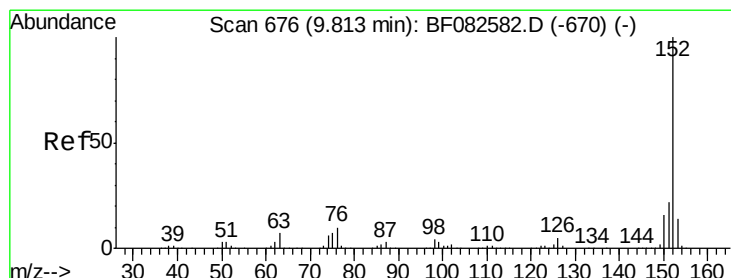
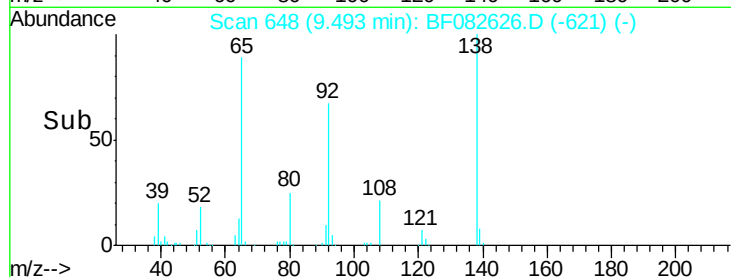
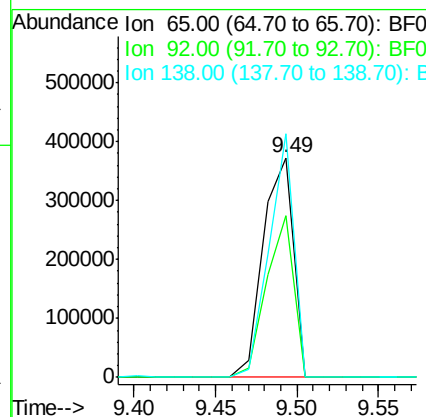


Tgt Ion: 65 Resp: 480139
Ion Ratio Lower Upper

65 100

92 73.9 46.6 70.0#

138 111.0 54.6 81.8#



#48

Acenaphthylene

Concen: 37.29 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.00 min

Lab File: BF082626.D

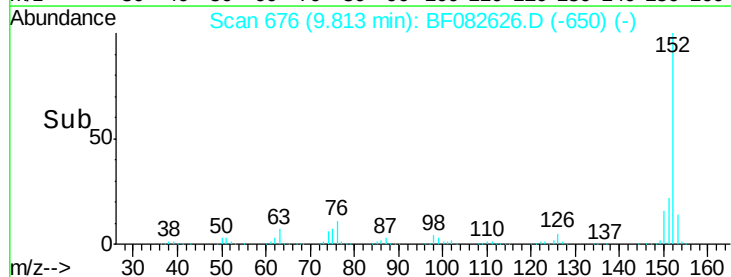
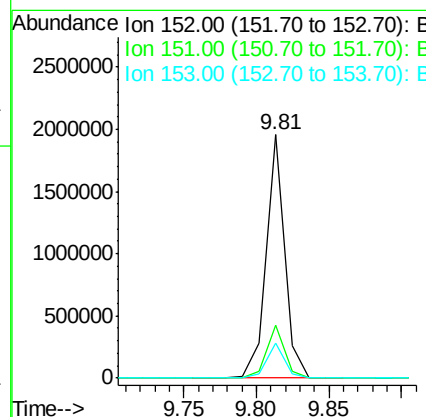
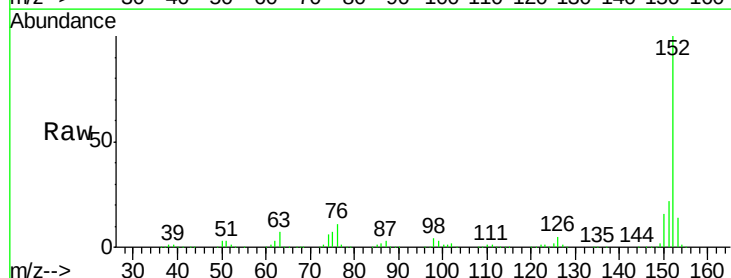
Acq: 31 Oct 2015 17:30

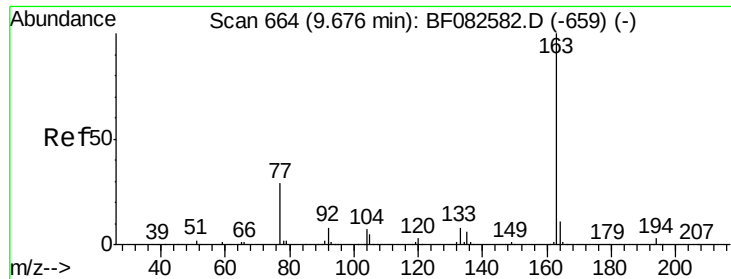
Tgt Ion: 152 Resp: 1723288
Ion Ratio Lower Upper

152 100

151 21.7 17.3 25.9

153 14.4 11.3 16.9





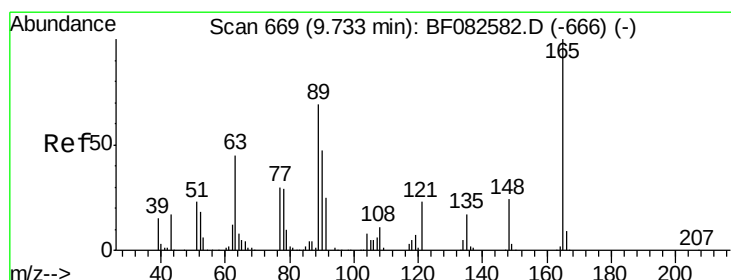
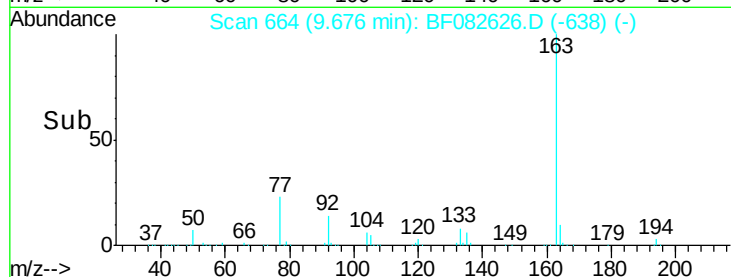
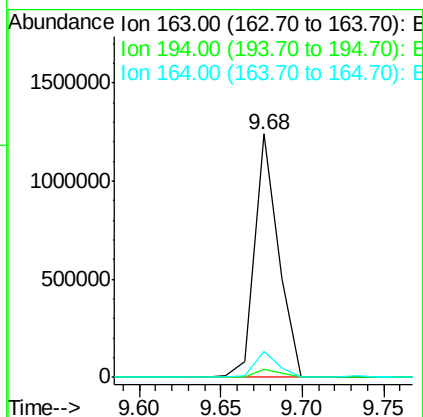
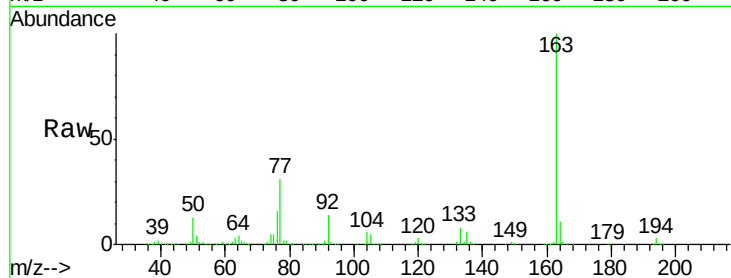
#49
Dimethylphthalate
Concen: 35.26 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF082626.D
Acq: 31 Oct 2015 17:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:163 Resp: 1261122
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.8 8.7 13.1

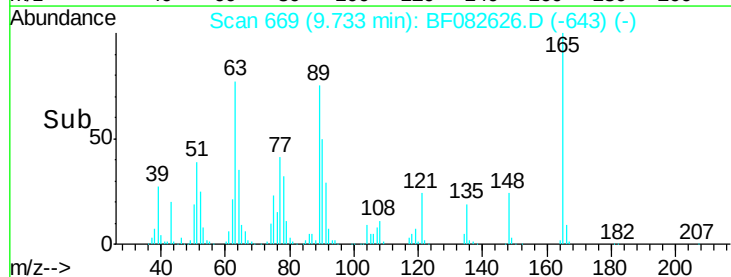
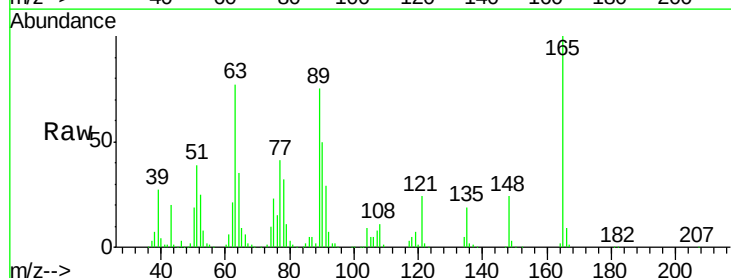
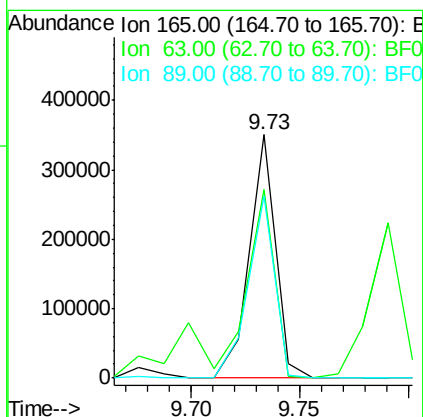
Manual Integrations
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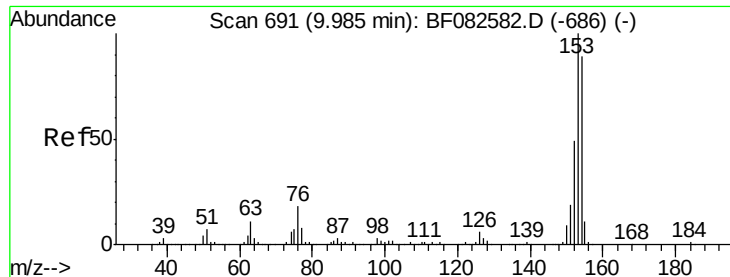
Mmdadoda
11/2/2015 4:32:39 PM



#50
2,6-Dinitrotoluene
Concen: 39.61 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF082626.D
Acq: 31 Oct 2015 17:30

Tgt Ion:165 Resp: 293683
Ion Ratio Lower Upper
165 100
63 77.5 55.5 83.3
89 75.1 55.0 82.6





#51

Acenaphthene

Concen: 36.17 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF082626.D

Acq: 31 Oct 2015 17:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:154 Resp: 1061137

Ion Ratio Lower Upper

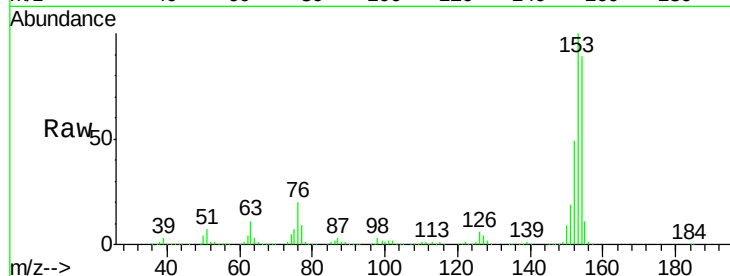
154 100

153 112.5 90.1 135.1

152 55.6 44.3 66.5

Manual Integrations
APPROVED

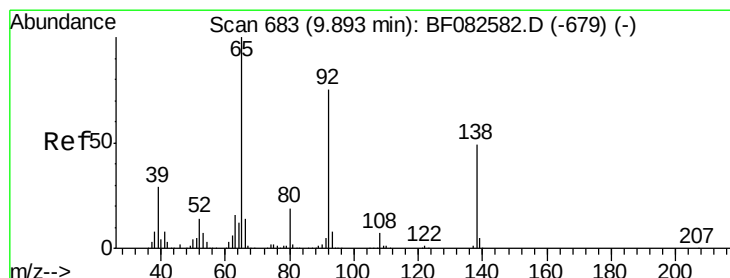
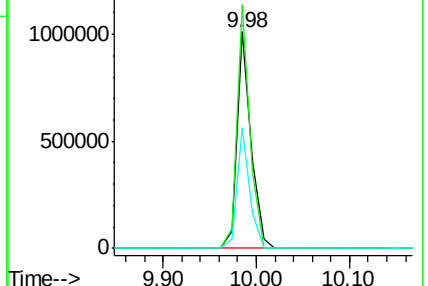
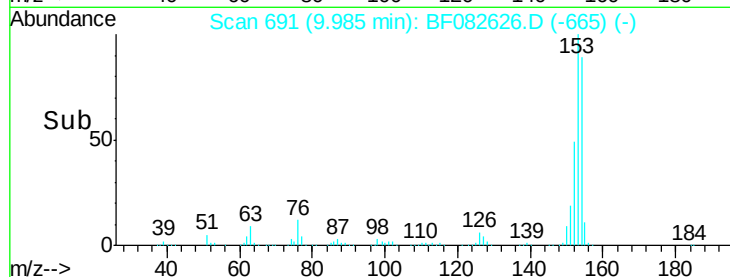
Mmdadoda
11/2/2015 4:32:39 PM



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: 45.83 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.01 min

Lab File: BF082626.D

Acq: 31 Oct 2015 17:30

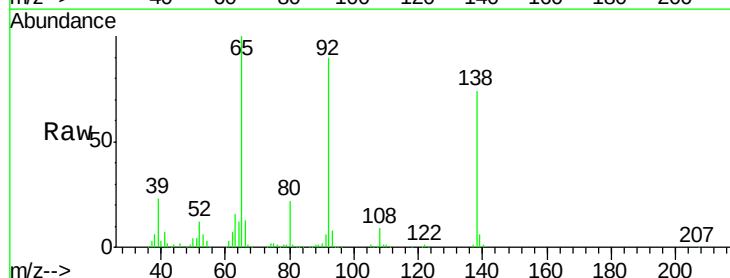
Tgt Ion:138 Resp: 378027

Ion Ratio Lower Upper

138 100

108 11.6 11.3 16.9

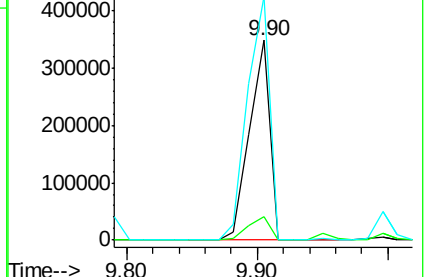
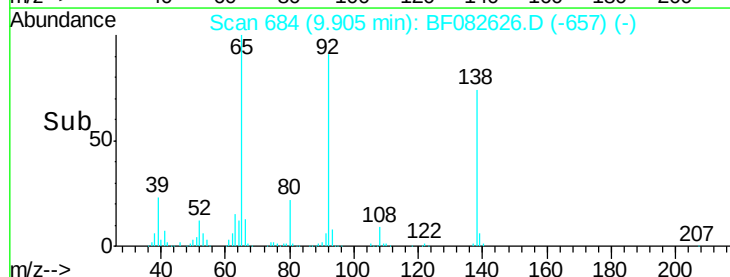
92 121.8 122.4 183.6#

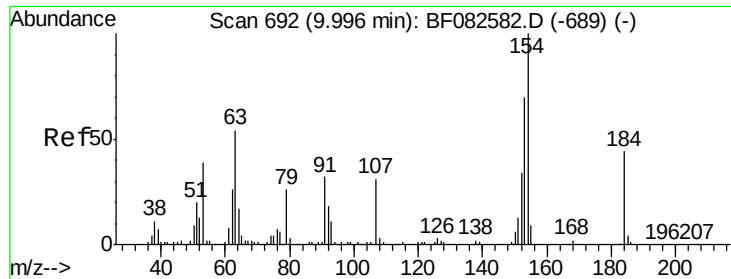


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 37.62 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF082626.D

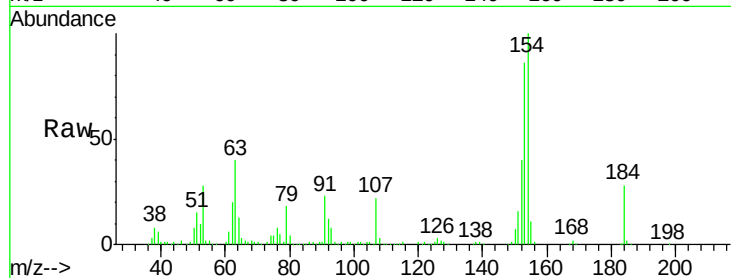
Acq: 31 Oct 2015 17:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:184 Resp: 133328

Ion Ratio Lower Upper

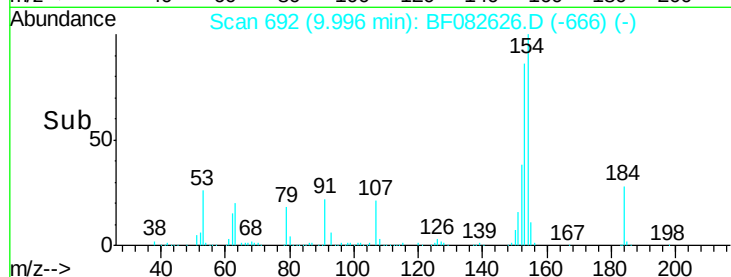
184 100

63 141.0 98.6 148.0

154 355.8 183.9 275.9#

Manual Integrations
APPROVED

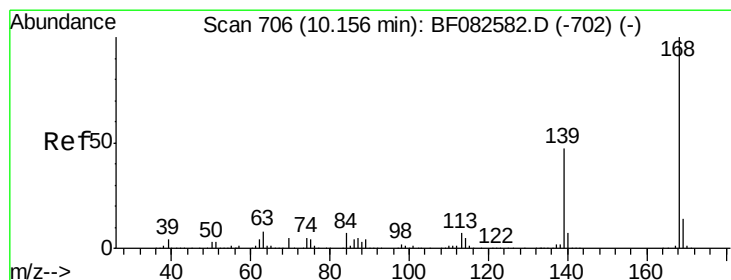
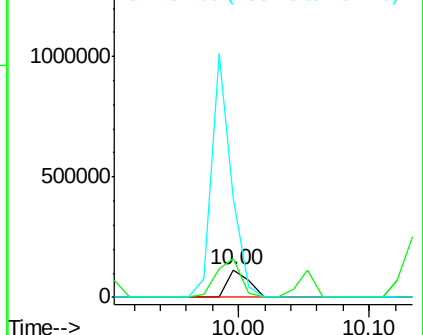
Mmdadoda
11/2/2015 4:32:39 PM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 35.56 ng

RT: 10.16 min Scan# 706

Delta R.T. -0.00 min

Lab File: BF082626.D

Acq: 31 Oct 2015 17:30

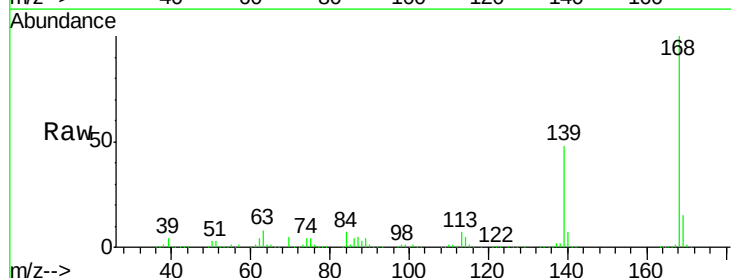
Tgt Ion:168 Resp: 1415434

Ion Ratio Lower Upper

168 100

139 48.0 37.8 56.6

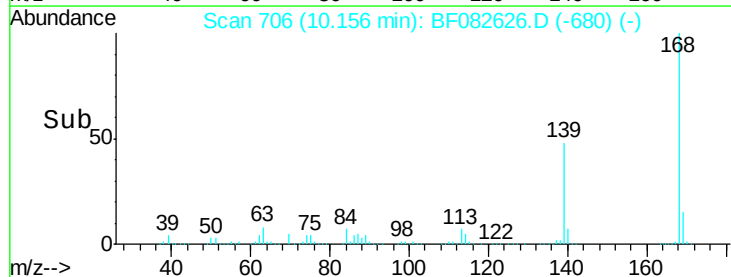
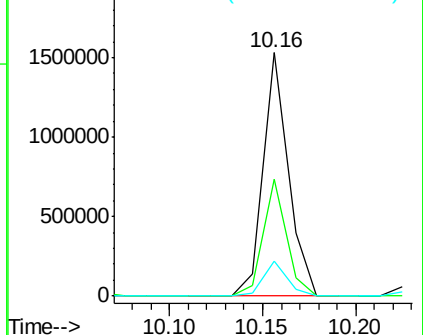
169 14.6 11.3 16.9

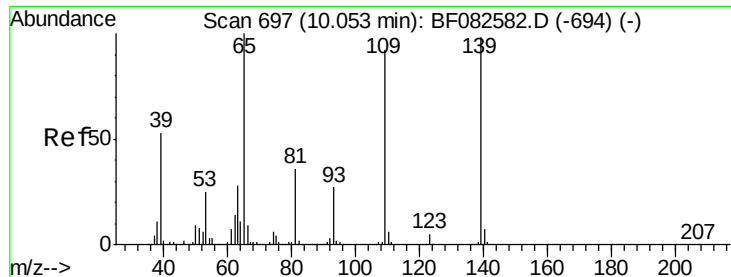


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





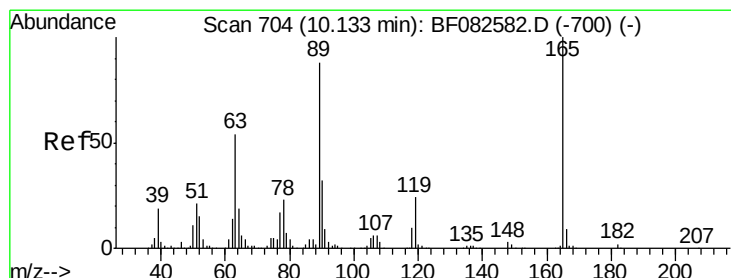
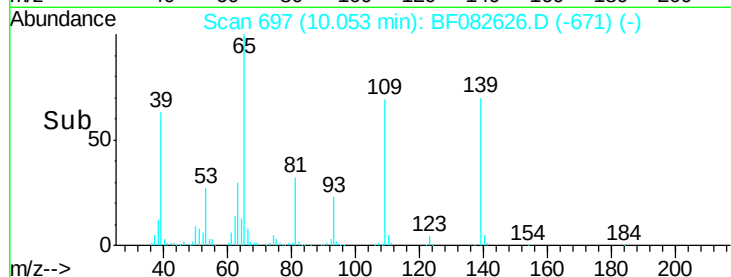
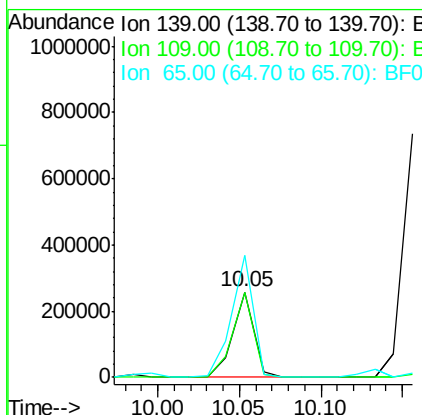
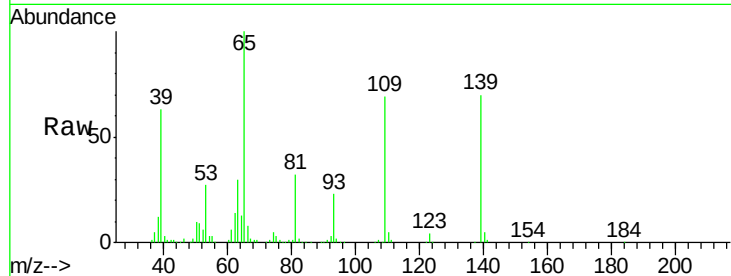
#55
4-Nitrophenol
Concen: 37.34 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF082626.D
Acq: 31 Oct 2015 17:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	231762		
109	99.1	73.7	113.7	
65	143.8	82.9	122.9#	

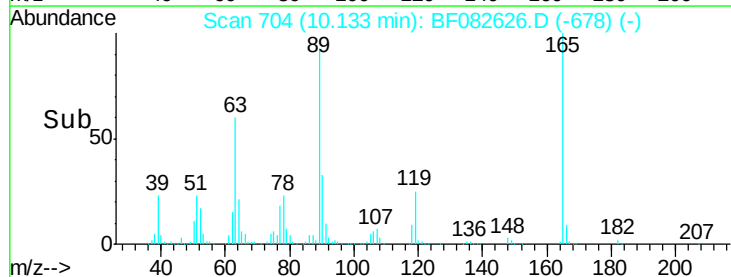
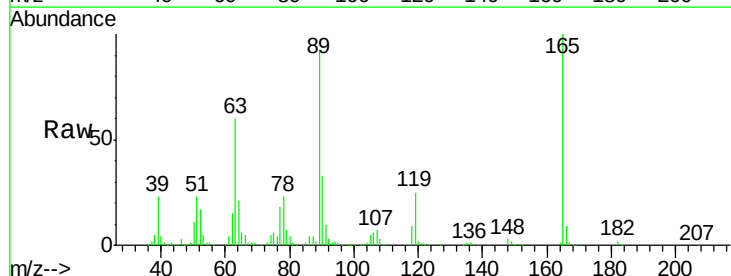
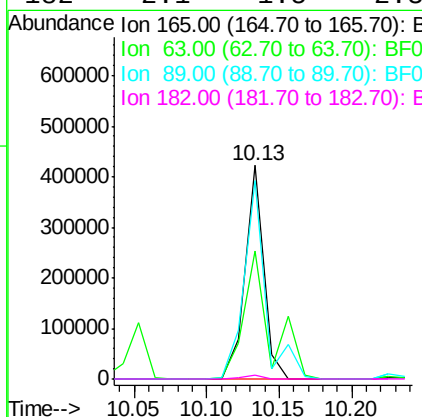
Manual Integrations
APPROVED

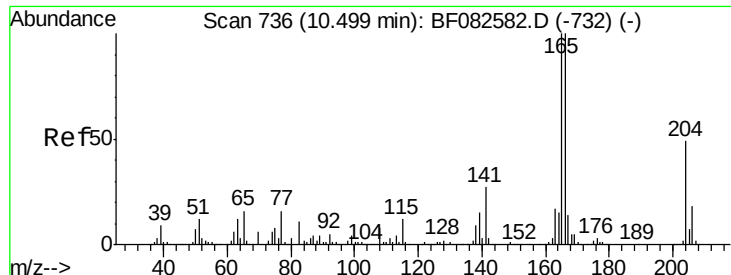
Mmdadoda
11/2/2015 4:32:39 PM



#56
2,4-Dinitrotoluene
Concen: 37.68 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF082626.D
Acq: 31 Oct 2015 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	377764		
63	59.8	43.4	65.0	
89	93.0	70.6	106.0	
182	2.1	1.5	2.3	





#57

Fluorene

Concen: 35.60 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF082626.D

Acq: 31 Oct 2015 17:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:166 Resp: 1142975

Ion Ratio Lower Upper

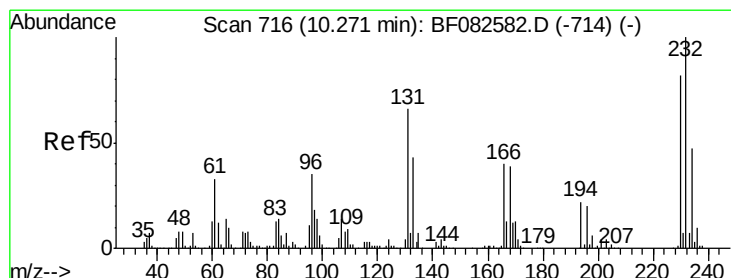
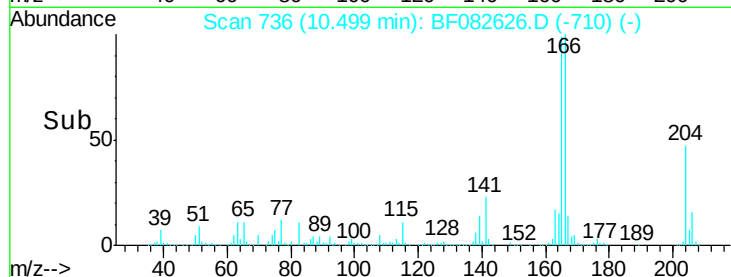
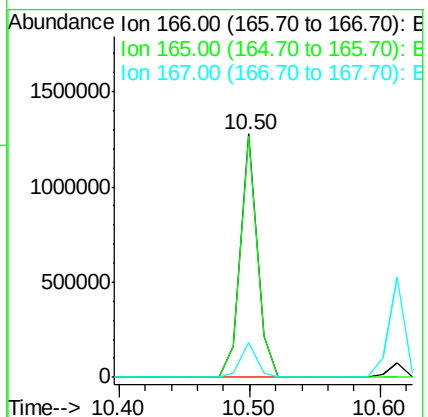
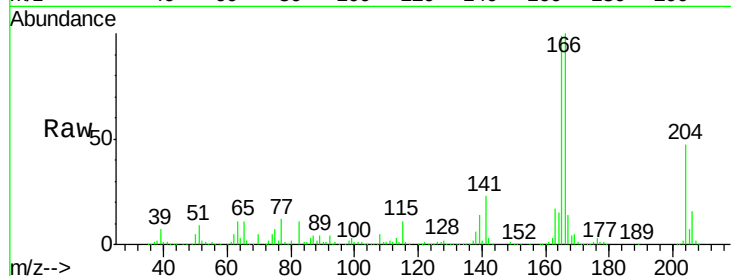
166 100

165 99.2 80.2 120.4

167 14.3 11.2 16.8

Manual Integrations
APPROVED

Mmdadoda
11/2/2015 4:32:39 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.10 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF082626.D

Acq: 31 Oct 2015 17:30

Tgt Ion:232 Resp: 320841

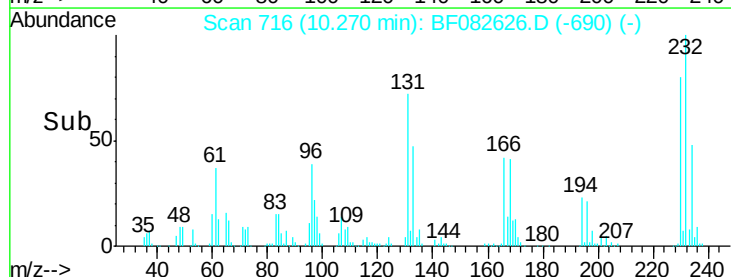
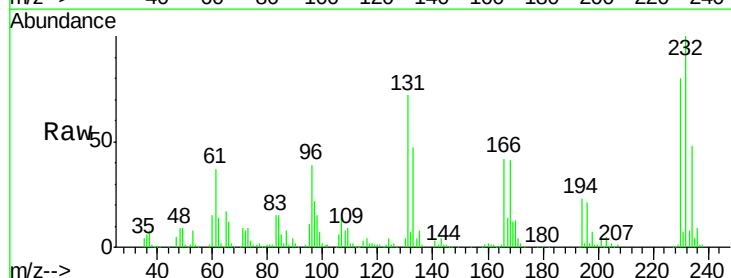
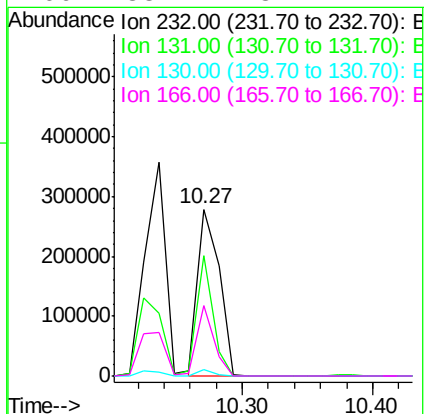
Ion Ratio Lower Upper

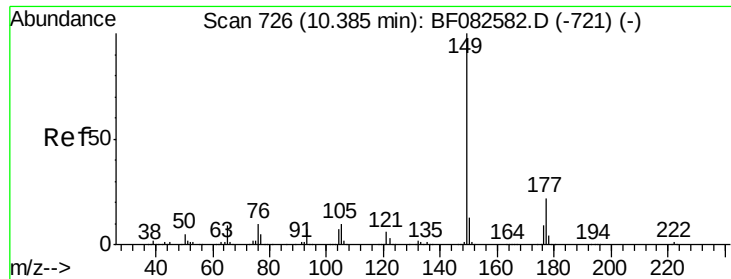
232 100

131 53.8 46.2 69.2

130 2.7 2.4 3.6

166 33.2 28.2 42.2





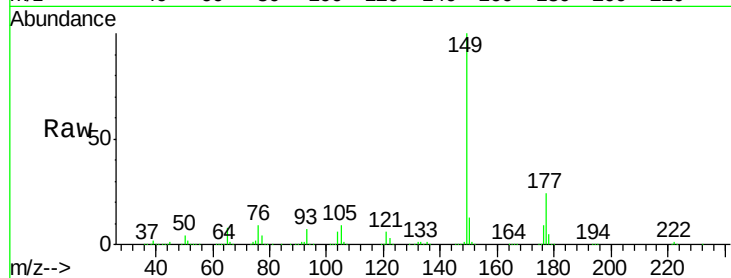
#59
Diethylphthalate
Concen: 39.17 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF082626.D
Acq: 31 Oct 2015 17:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

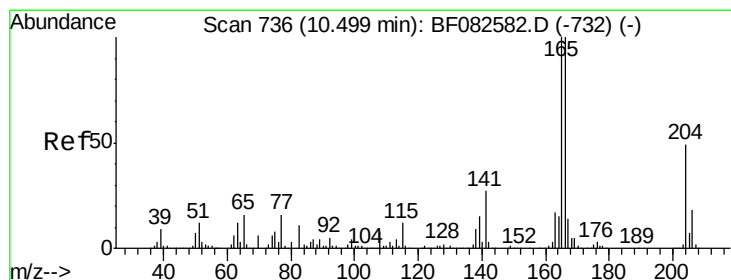
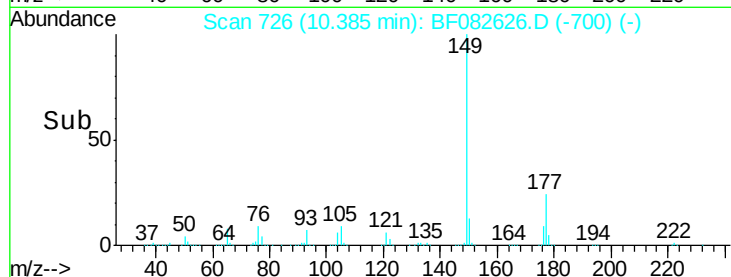
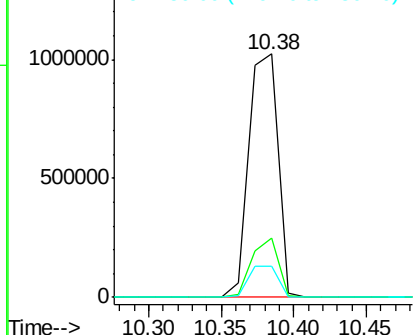
Tgt Ion:149 Resp: 1426484
Ion Ratio Lower Upper
149 100
177 24.2 17.9 26.9
150 12.8 10.1 15.1

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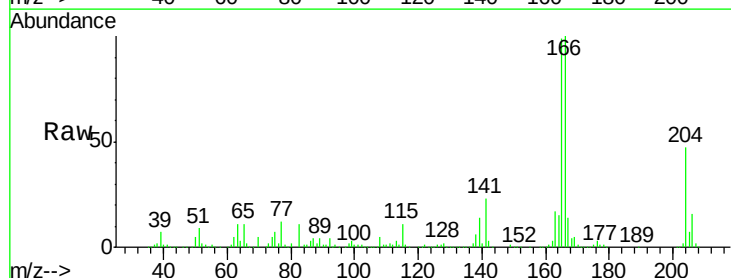


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

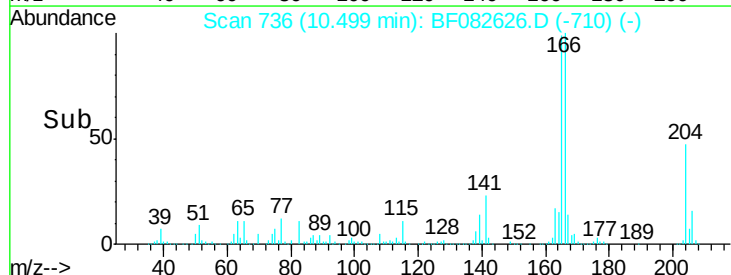
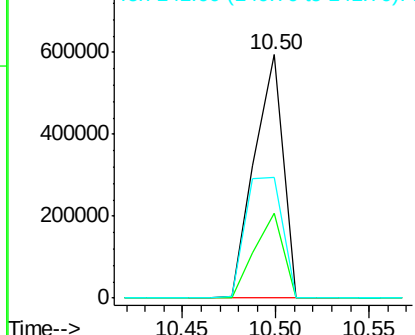


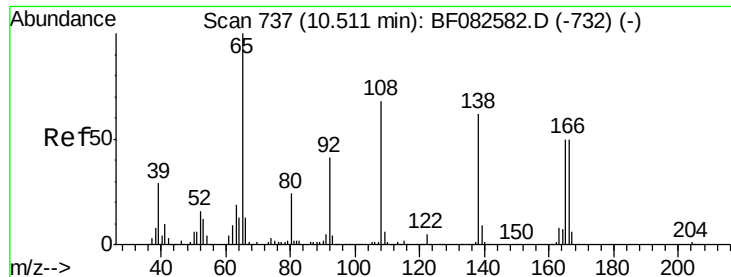
#60
4-Chlorophenyl-phenylether
Concen: 40.55 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF082626.D
Acq: 31 Oct 2015 17:30

Tgt Ion:204 Resp: 632840
Ion Ratio Lower Upper
204 100
206 35.0 28.5 42.7
141 49.8 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





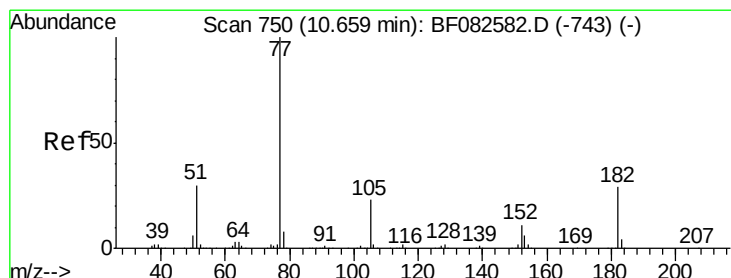
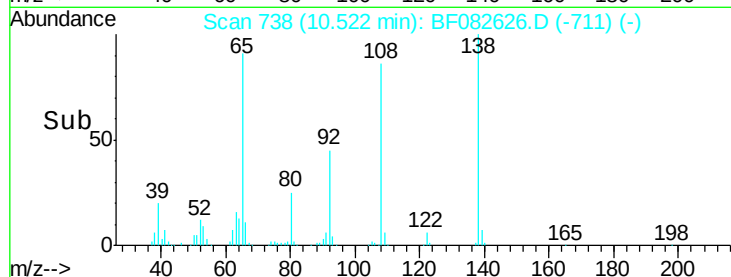
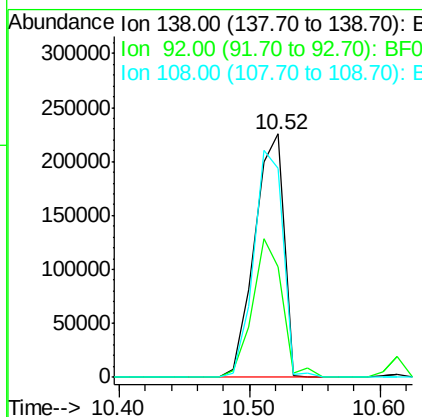
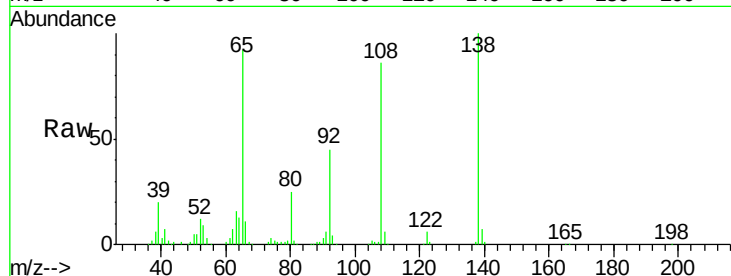
#61
4-Nitroaniline
Concen: 45.12 ng
RT: 10.52 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF082626.D
Acq: 31 Oct 2015 17:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.4	45.8	85.8#
108	86.0	89.4	129.4#

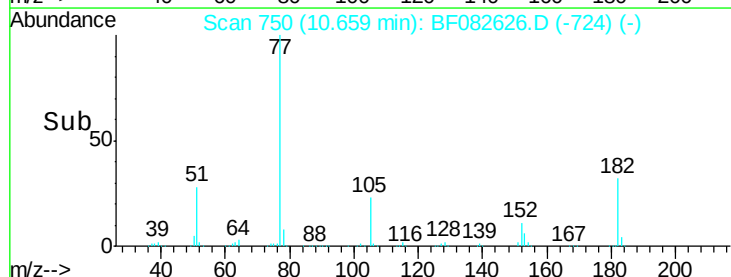
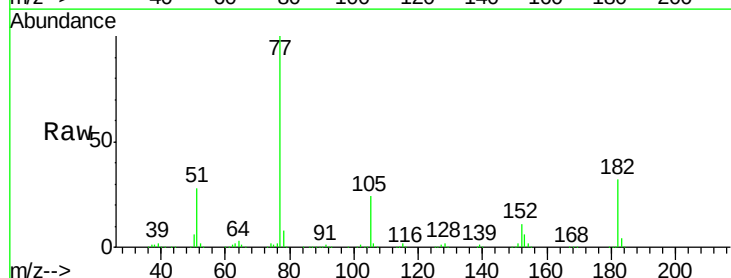
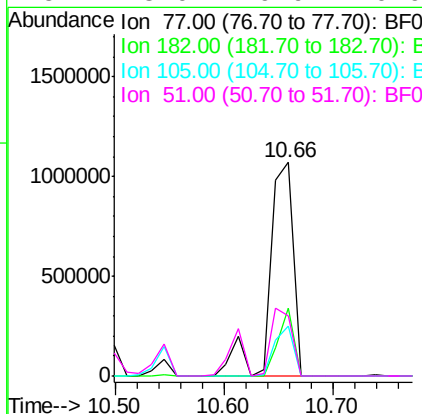
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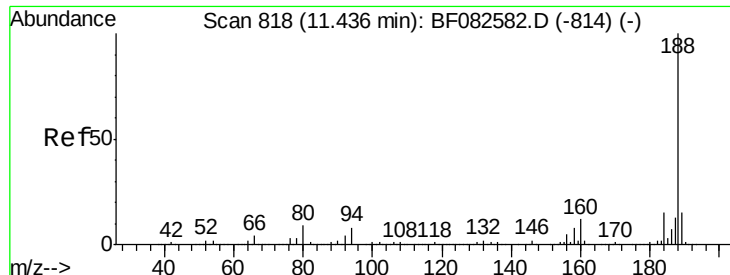
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#62
Azobenzene
Concen: 39.26 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF082626.D
Acq: 31 Oct 2015 17:30

Tgt Ion	Ratio	Lower	Upper
77	100		
182	32.0	9.3	49.3
105	23.7	2.6	42.6
51	28.0	9.9	49.9





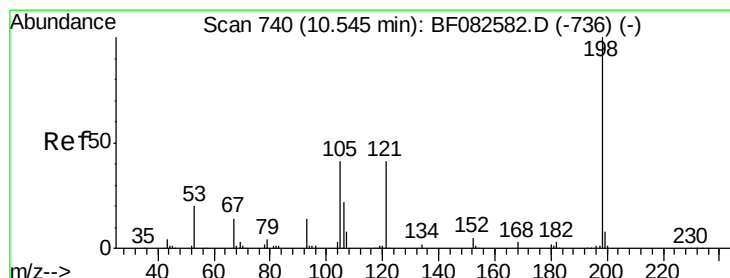
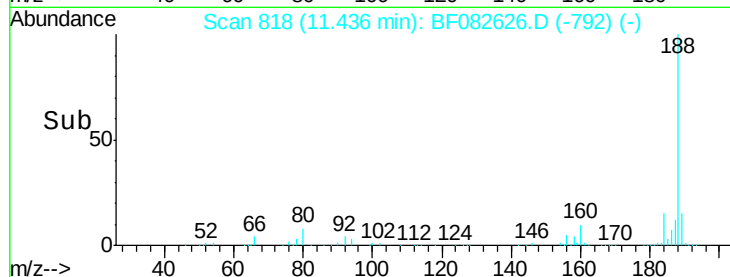
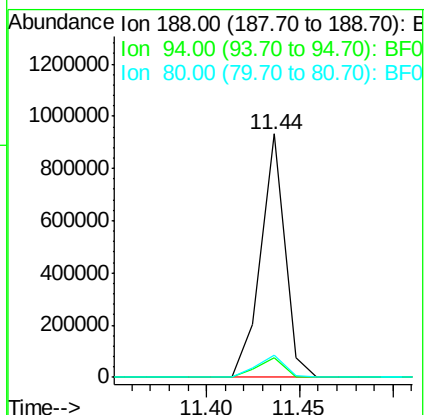
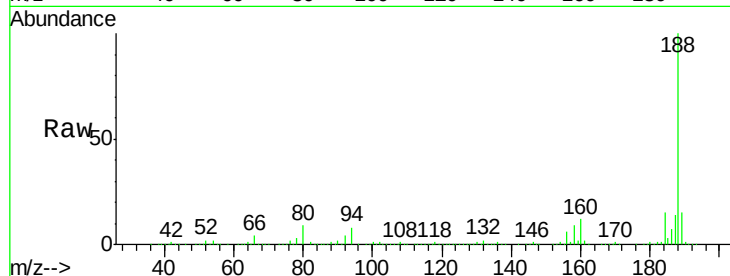
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.44 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF082626.D
 Acq: 31 Oct 2015 17:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.9	6.1	9.1
80	9.0	7.0	10.6

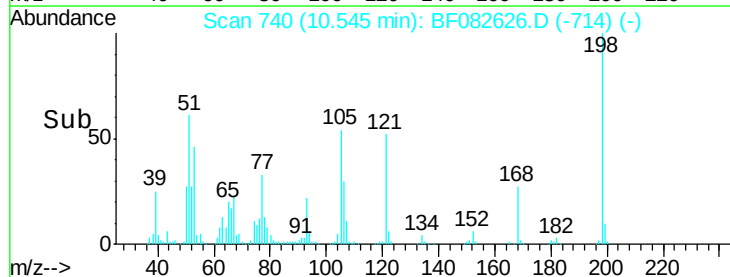
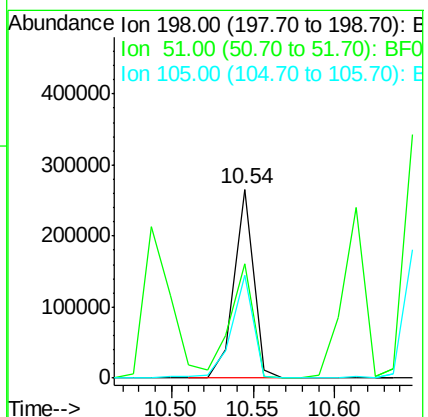
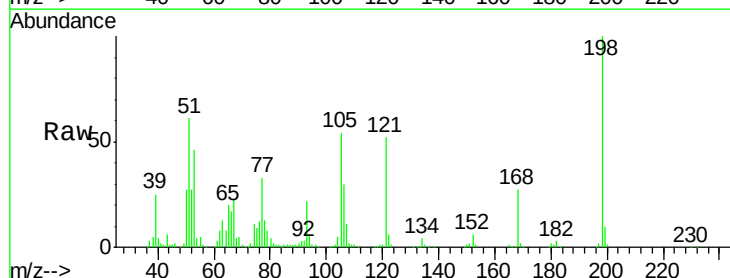
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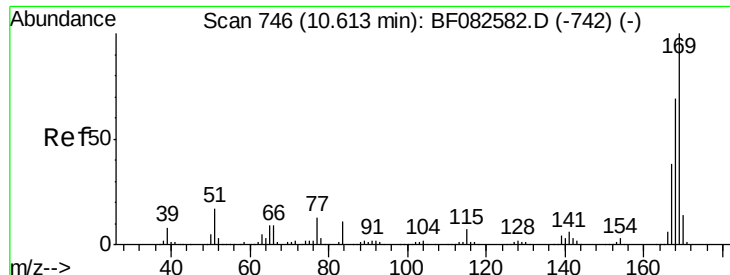
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 43.67 ng
 RT: 10.54 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF082626.D
 Acq: 31 Oct 2015 17:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	60.5	17.3	57.3#
105	54.4	21.7	61.7





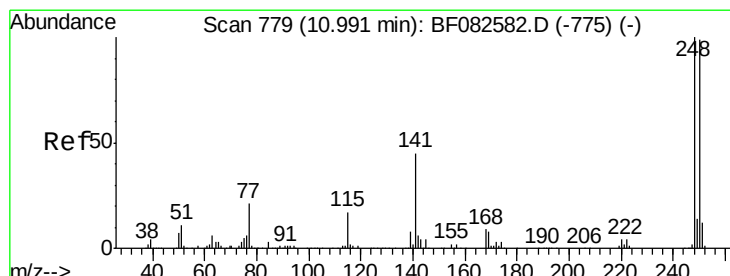
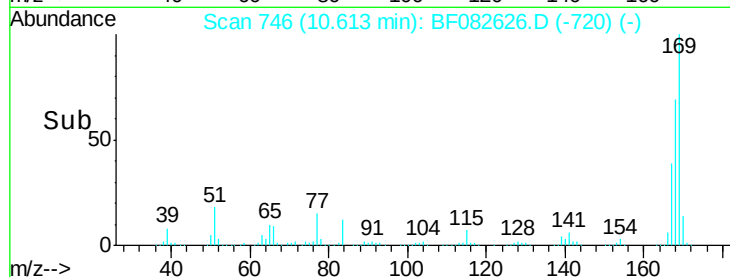
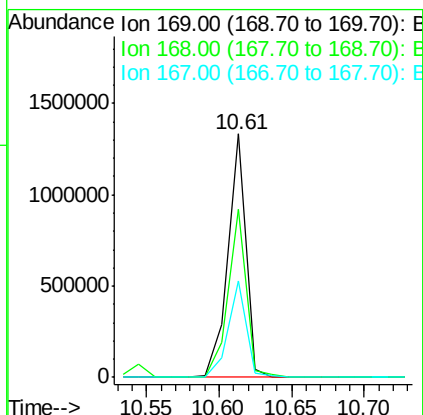
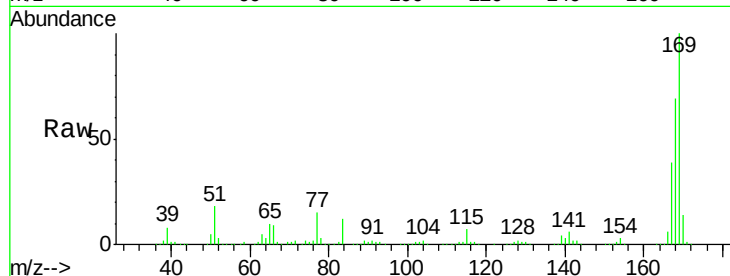
#65
 n-Nitrosodiphenylamine
 Concen: 40.32 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.00 min
 Lab File: BF082626.D
 Acq: 31 Oct 2015 17:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.2	55.0	82.6
167	39.4	30.5	45.7

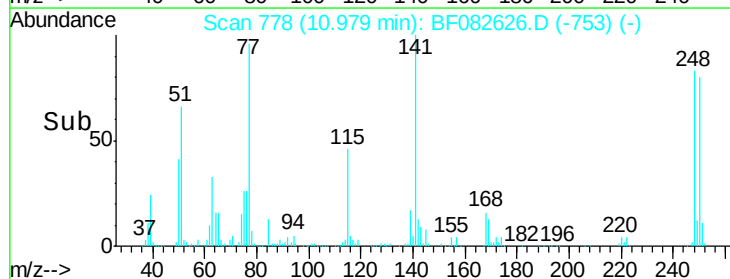
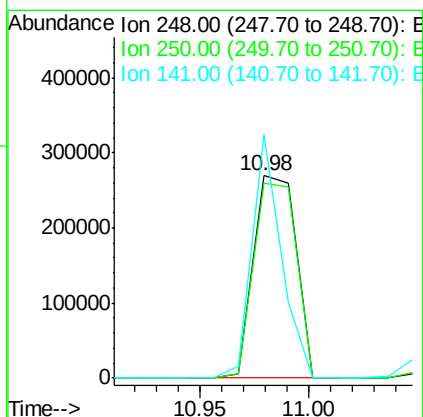
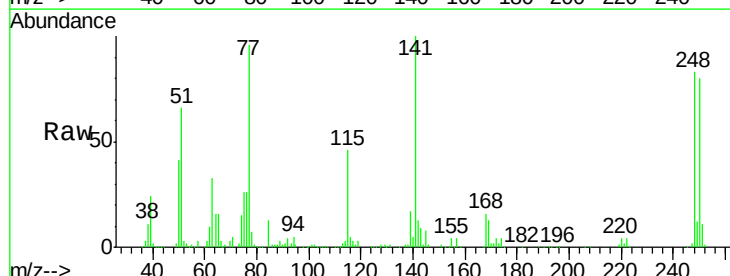
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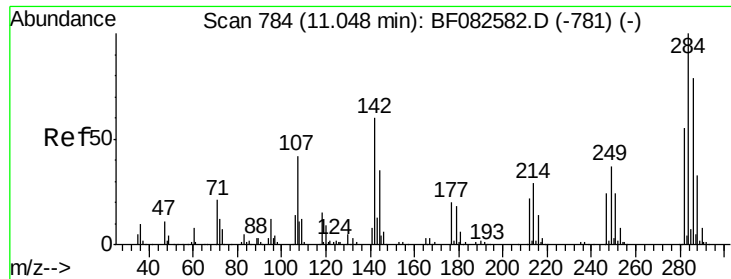
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#66
 4-Bromophenyl-phenylether
 Concen: 39.09 ng
 RT: 10.98 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF082626.D
 Acq: 31 Oct 2015 17:30

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.2	79.4	119.2
141	120.2	36.3	54.5





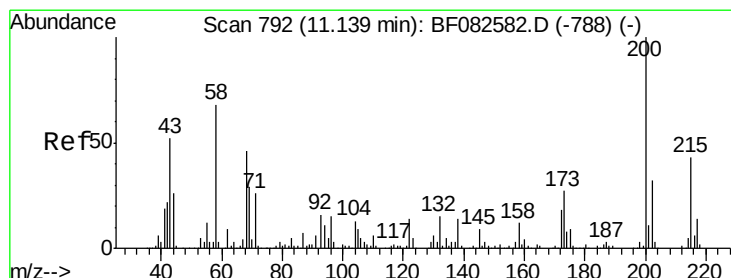
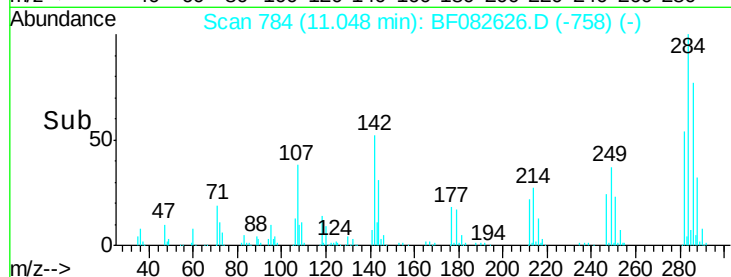
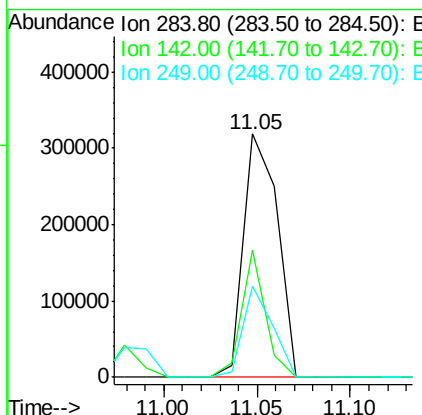
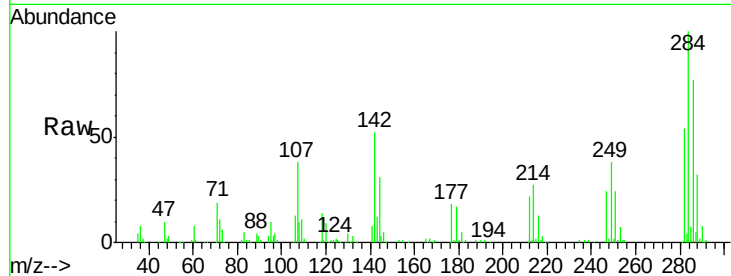
#67
Hexachlorobenzene
Concen: 38.49 ng
RT: 11.05 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF082626.D
Acq: 31 Oct 2015 17:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	401985		
142	52.3		47.9	71.9
249	37.7		29.7	44.5

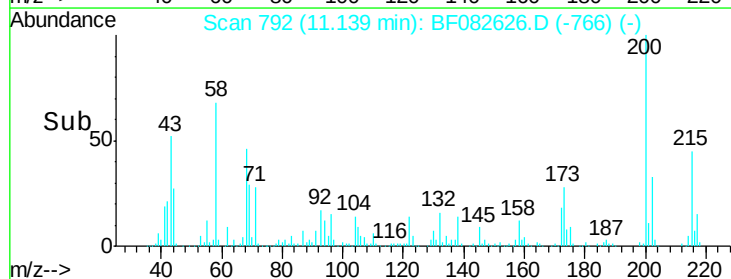
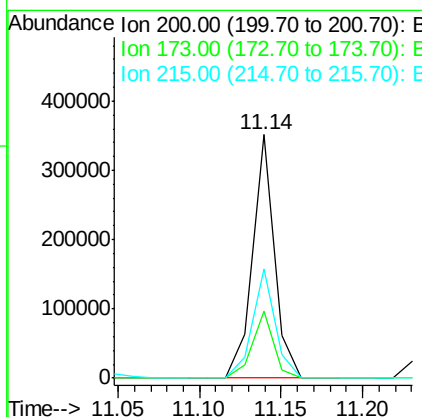
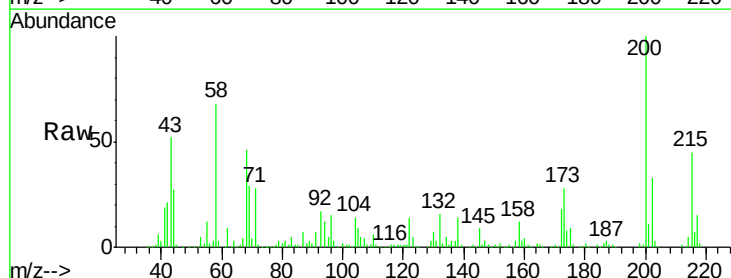
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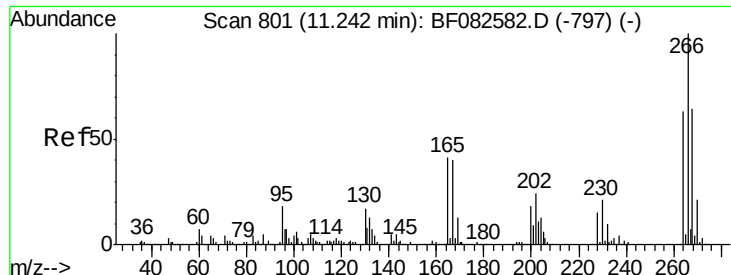
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#68
Atrazine
Concen: 35.09 ng
RT: 11.14 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF082626.D
Acq: 31 Oct 2015 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	328097		
173	27.7		6.9	46.9
215	44.8		22.9	62.9





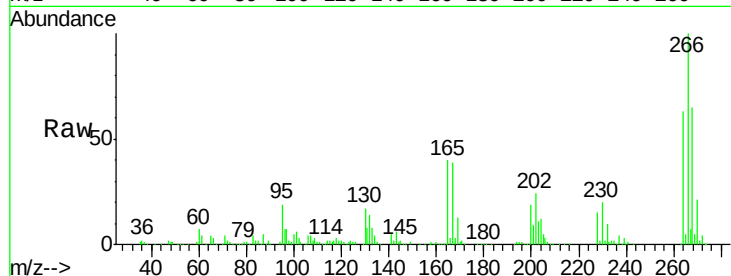
#69
 Pentachlorophenol
 Concen: 43.18 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF082626.D
 Acq: 31 Oct 2015 17:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

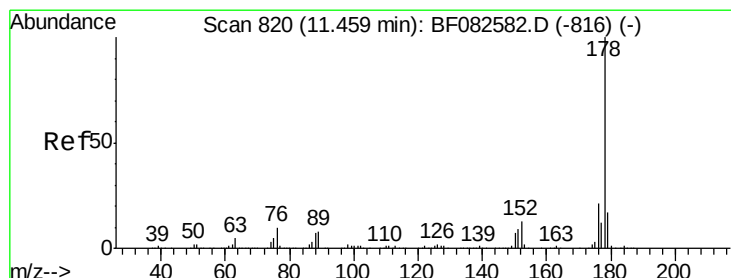
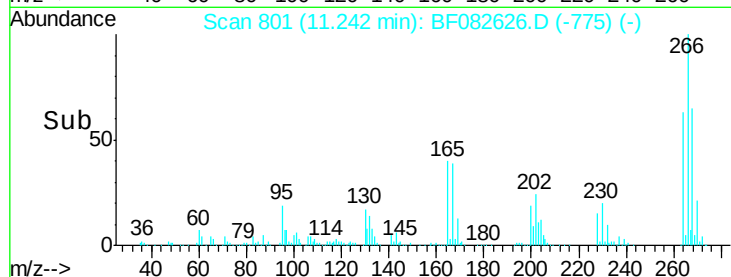
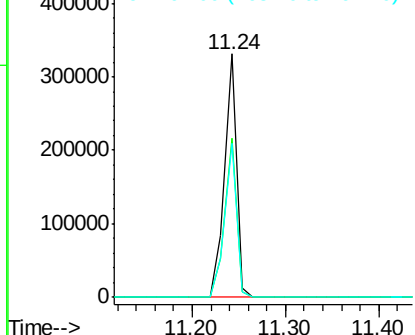
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	297372		
268	65.5	51.0	76.6	
264	63.5	50.6	75.8	

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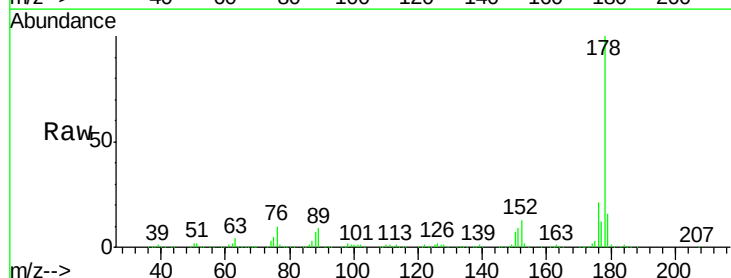


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

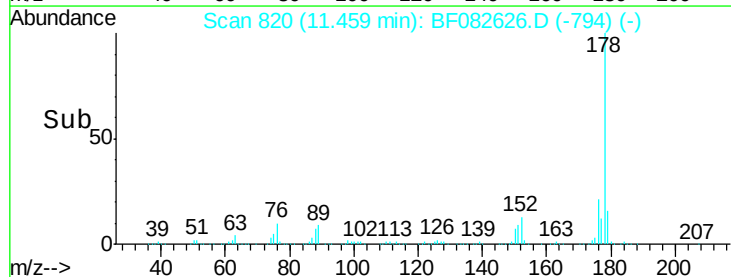
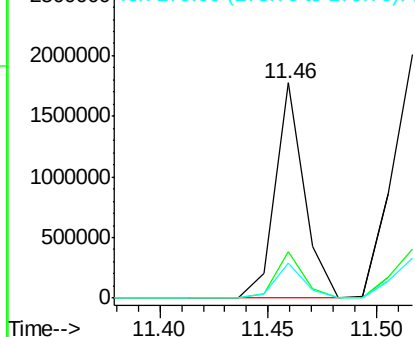


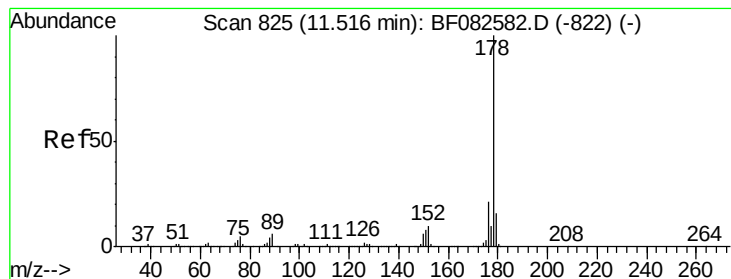
#70
 Phenanthrene
 Concen: 35.22 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF082626.D
 Acq: 31 Oct 2015 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1651276		
176	21.4	17.0	25.4	
179	16.4	13.4	20.0	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 42.29 ng

RT: 11.52 min Scan# 825

Delta R.T. -0.00 min

Lab File: BF082626.D

Acq: 31 Oct 2015 17:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 1996457

Ion Ratio Lower Upper

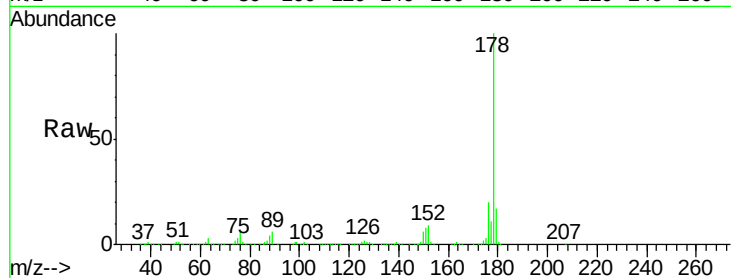
178 100

176 20.3 16.5 24.7

179 16.7 13.2 19.8

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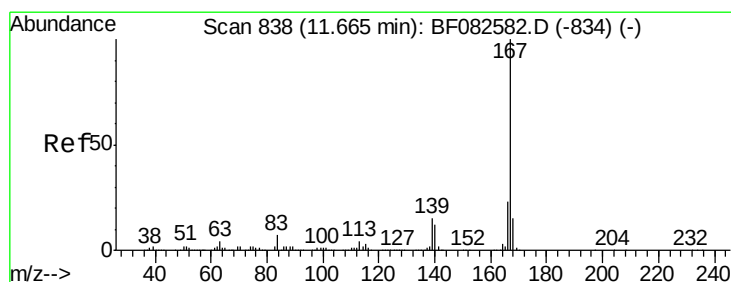
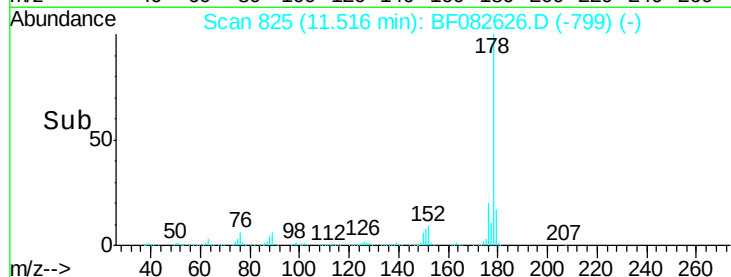
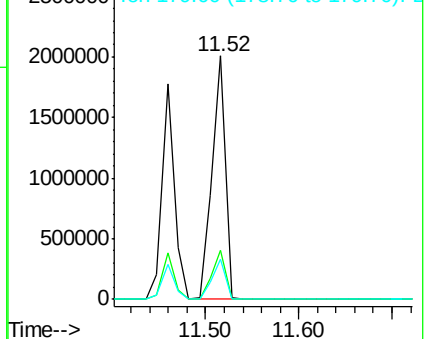
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.98 ng

RT: 11.66 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF082626.D

Acq: 31 Oct 2015 17:30

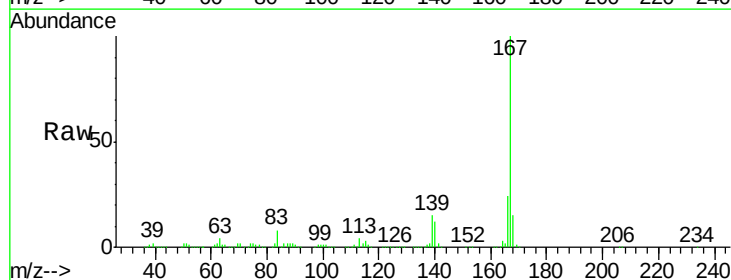
Tgt Ion:167 Resp: 1684927

Ion Ratio Lower Upper

167 100

166 23.6 18.7 28.1

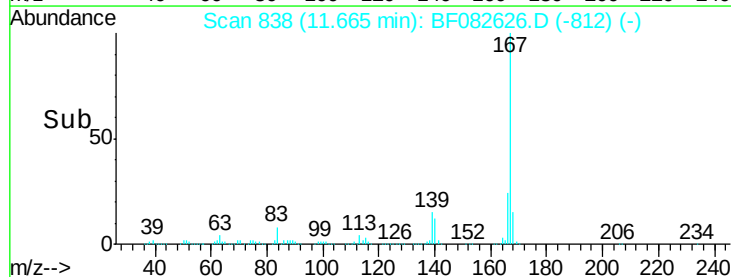
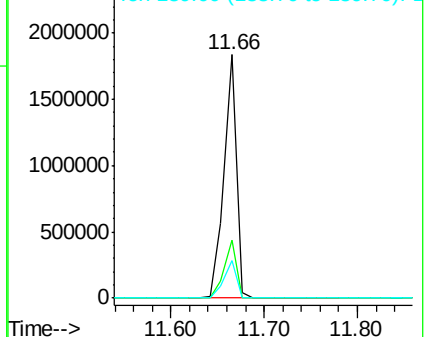
139 15.2 11.8 17.6

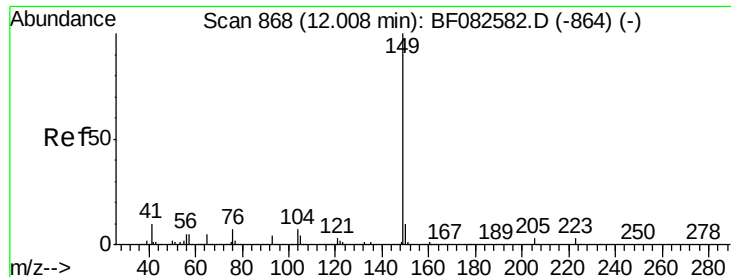


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.57 ng

RT: 12.01 min Scan# 868

Delta R.T. -0.00 min

Lab File: BF082626.D

Acq: 31 Oct 2015 17:30

Instrument :

BNA_F

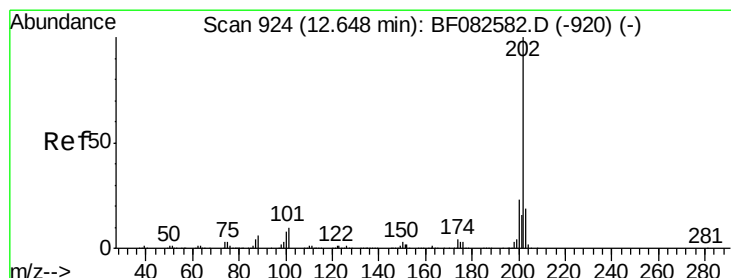
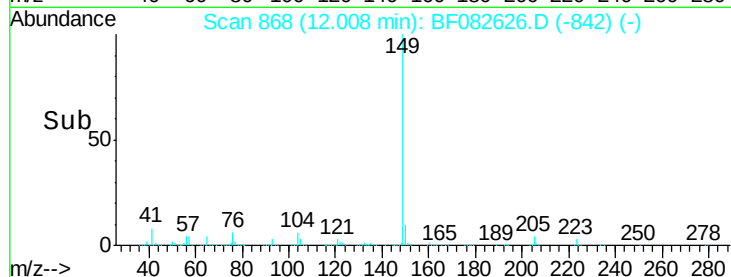
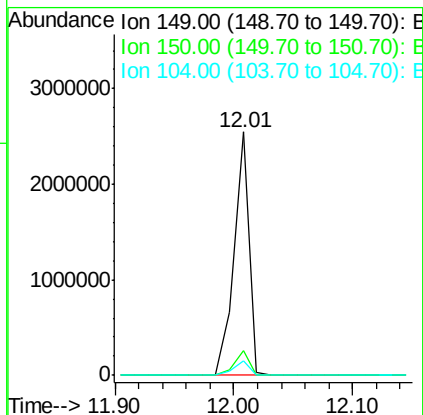
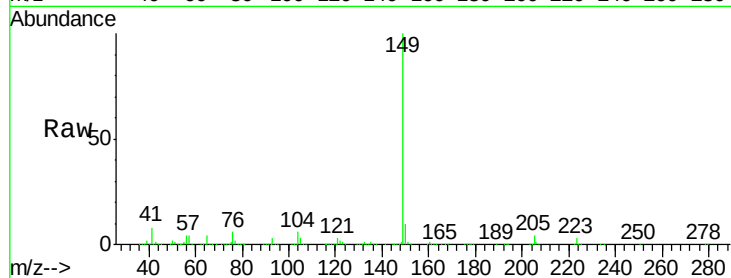
ClientSampleId :

SSTDCCC040

Tgt Ion:	149	Resp:	2228197
Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.1	12.1
104	5.9	5.2	7.8

Manual Integrations
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#74

Fluoranthene

Concen: 36.32 ng

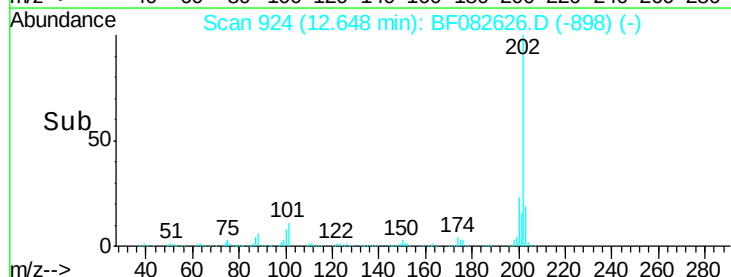
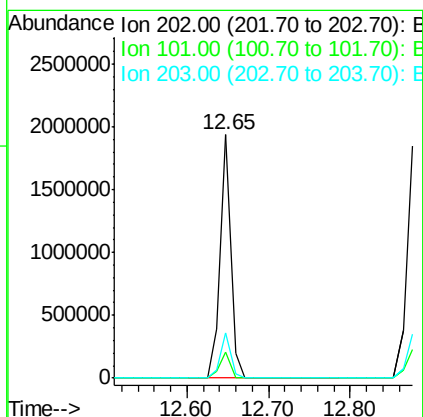
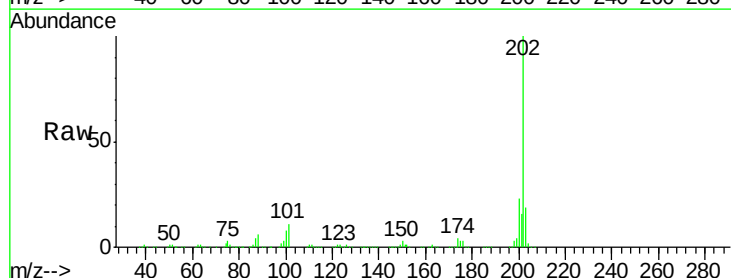
RT: 12.65 min Scan# 924

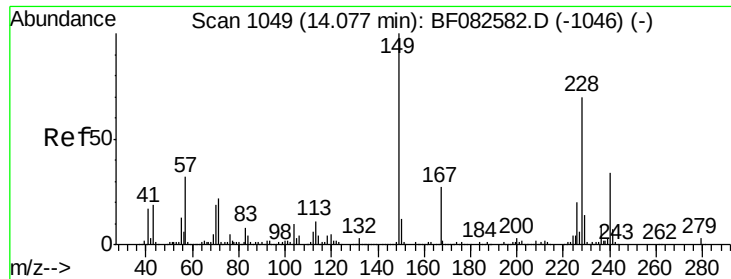
Delta R.T. -0.00 min

Lab File: BF082626.D

Acq: 31 Oct 2015 17:30

Tgt Ion:	202	Resp:	1740696
Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.5
203	18.8	0.0	38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF082626.D

Acq: 31 Oct 2015 17:30

Instrument :

BNA_F

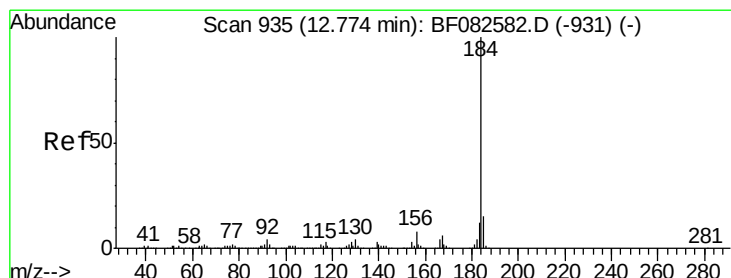
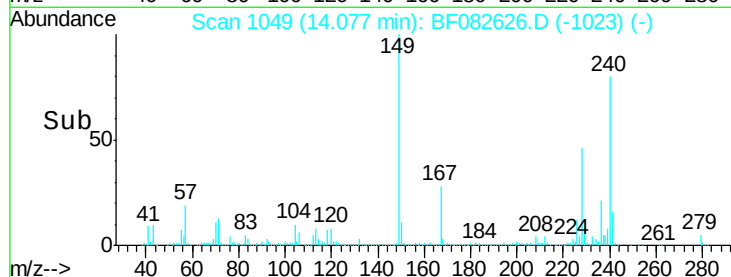
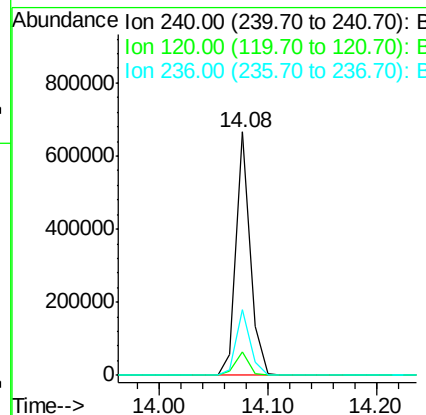
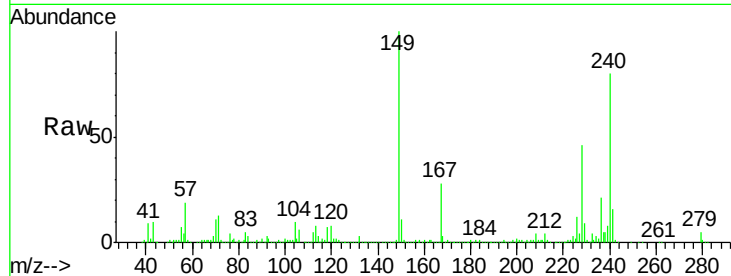
ClientSampleId :

SSTDCCC040

Tgt Ion:	240	Resp:	594210
Ion Ratio	Lower	Upper	
240	100		
120	9.9	10.9	16.3#
236	26.8	21.6	32.4

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#76

Benzidine

Concen: 40.80 ng

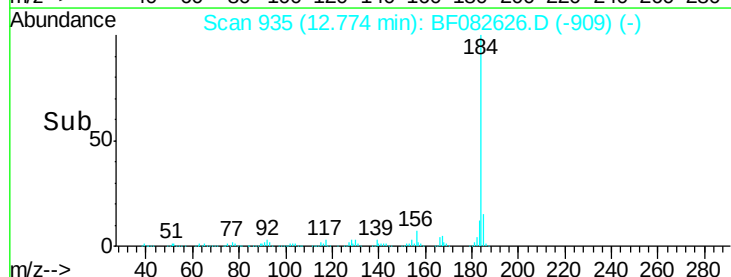
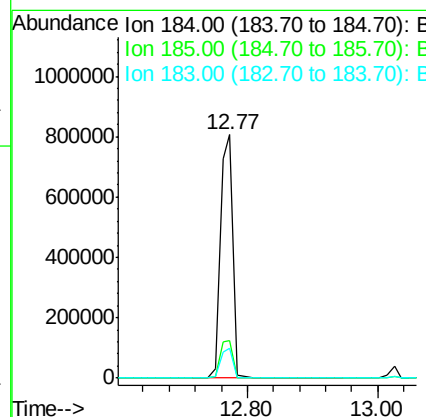
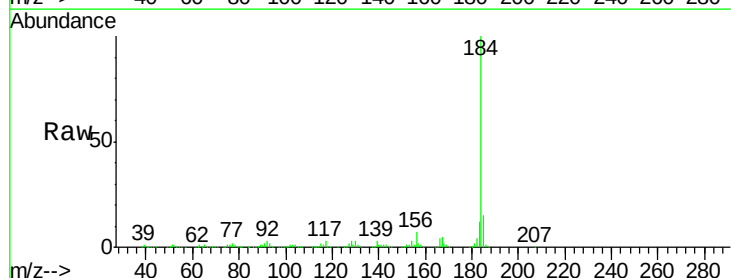
RT: 12.77 min Scan# 935

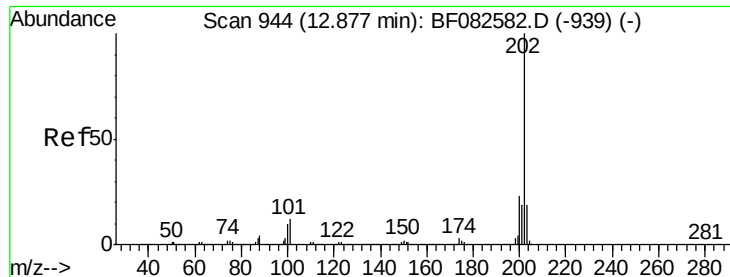
Delta R.T. -0.00 min

Lab File: BF082626.D

Acq: 31 Oct 2015 17:30

Tgt Ion:	184	Resp:	1093458
Ion Ratio	Lower	Upper	
184	100		
185	15.3	12.0	18.0
183	12.2	9.6	14.4





#77

Pyrene

Concen: 38.67 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF082626.D

Acq: 31 Oct 2015 17:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:202 Resp: 1701606

Ion Ratio Lower Upper

202 100

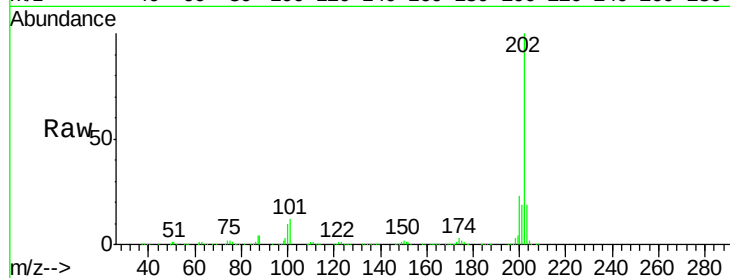
200 23.3 18.7 28.1

203 19.1 14.8 22.2

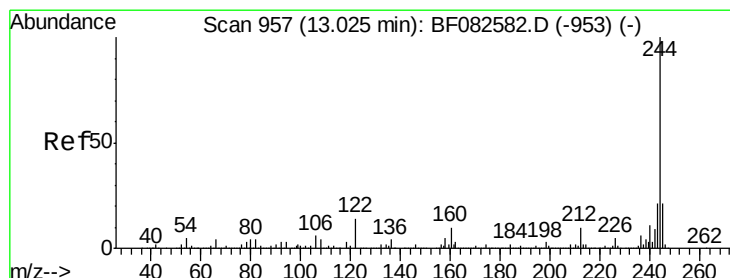
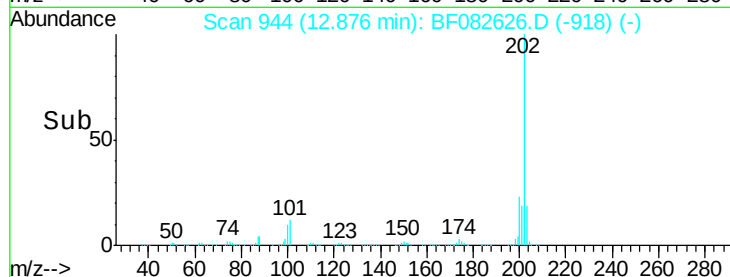
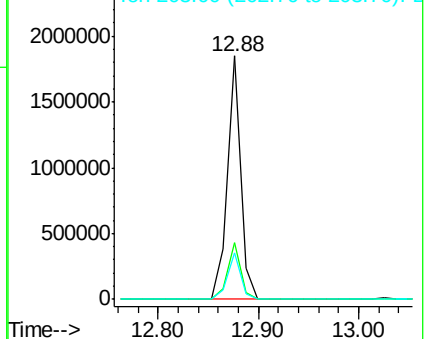
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Abundance Ion 202.00 (201.70 to 202.70): E
2500000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 78.87 ng

RT: 13.02 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF082626.D

Acq: 31 Oct 2015 17:30

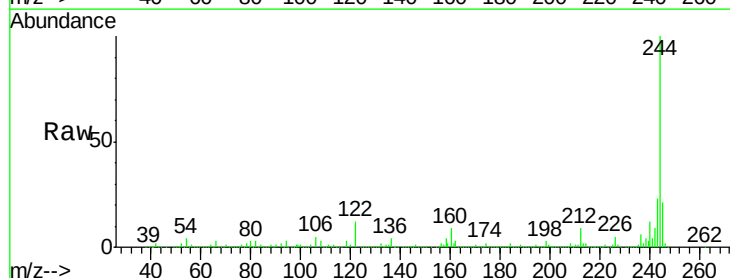
Tgt Ion:244 Resp: 2141585

Ion Ratio Lower Upper

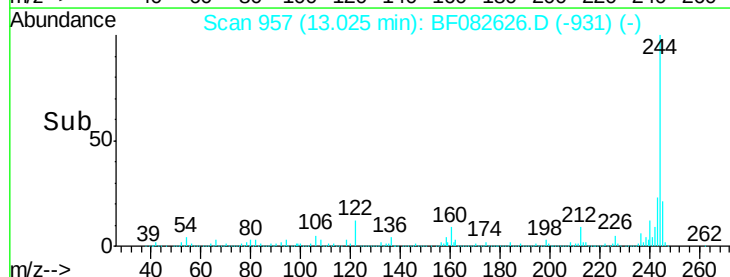
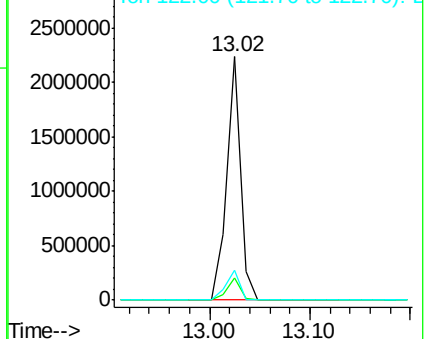
244 100

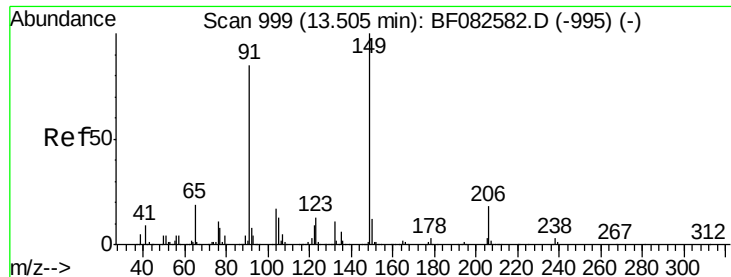
212 9.0 7.6 11.4

122 12.5 11.3 16.9



Abundance Ion 244.00 (243.70 to 244.70): E
3000000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 48.88 ng

RT: 13.51 min Scan# 999

Delta R.T. -0.00 min

Lab File: BF082626.D

Acq: 31 Oct 2015 17:30

Instrument :

BNA_F

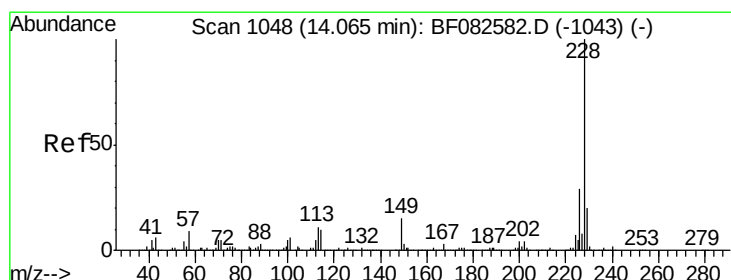
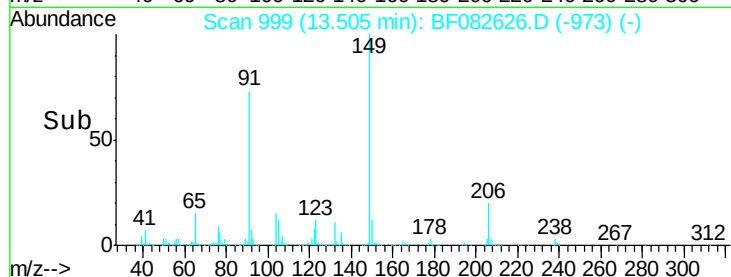
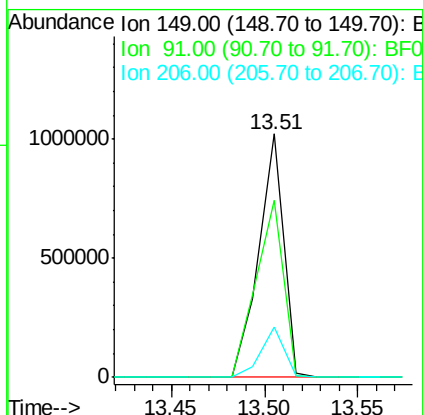
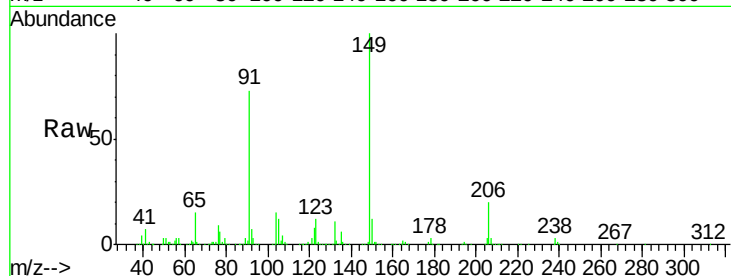
ClientSampleId :

SSTDCCC040

Tgt Ion:	149	Resp:	941971
Ion Ratio	Lower	Upper	
149	100		
91	72.6	67.7	101.5
206	20.4	14.6	22.0

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#80

Benzo(a)anthracene

Concen: 39.22 ng

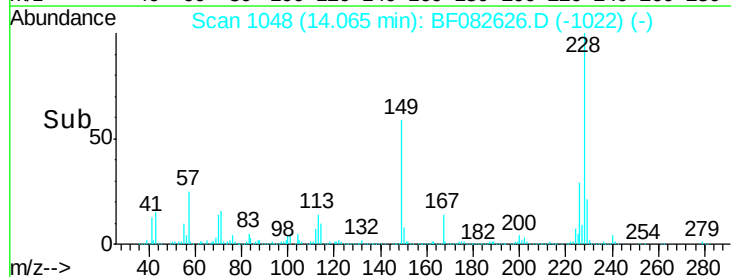
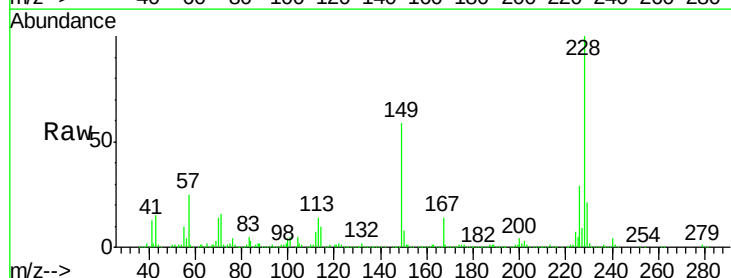
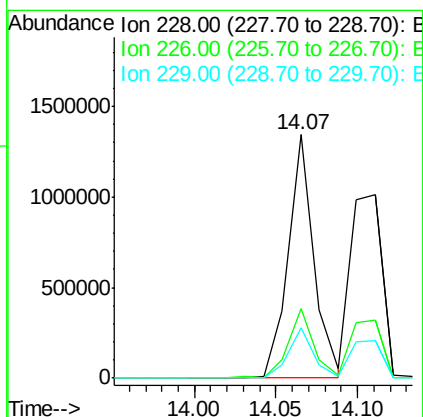
RT: 14.07 min Scan# 1048

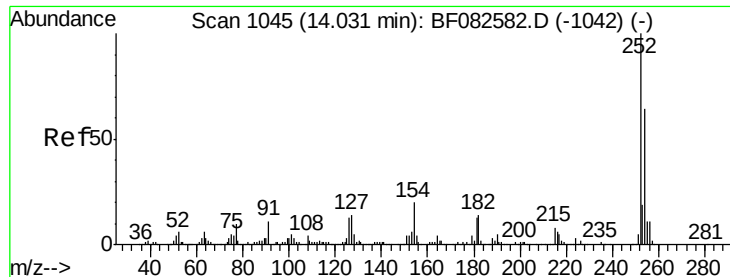
Delta R.T. -0.00 min

Lab File: BF082626.D

Acq: 31 Oct 2015 17:30

Tgt Ion:	228	Resp:	1480312
Ion Ratio	Lower	Upper	
228	100		
226	28.6	23.4	35.2
229	20.6	16.3	24.5





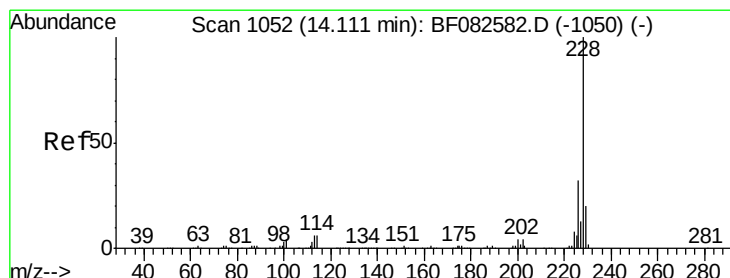
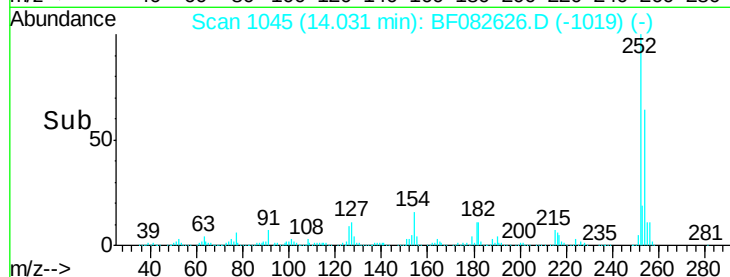
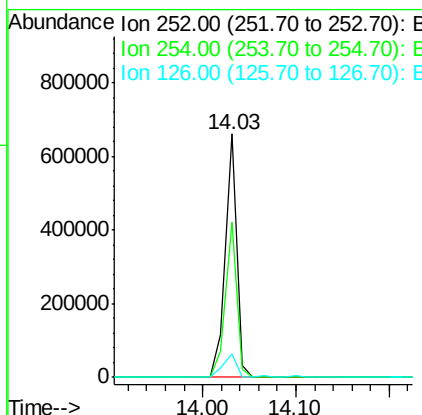
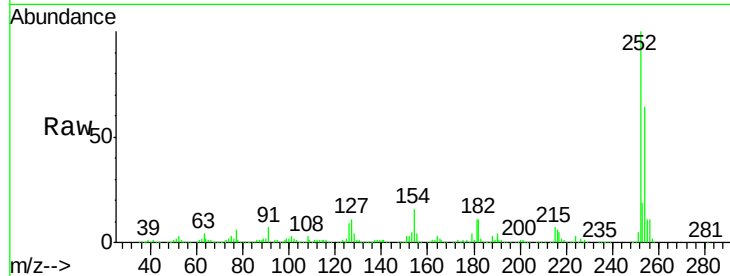
#81
 3,3'-Dichlorobenzidine
 Concen: 43.14 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BF082626.D
 Acq: 31 Oct 2015 17:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.4	77.0
126	9.4	10.7	16.1

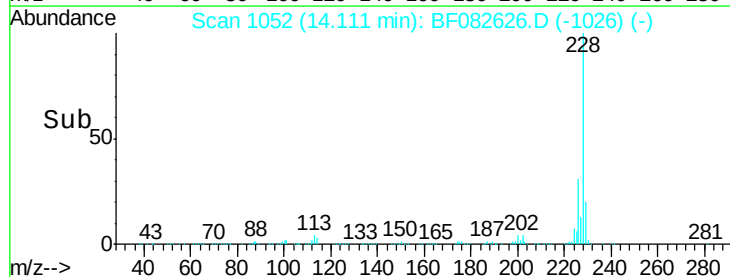
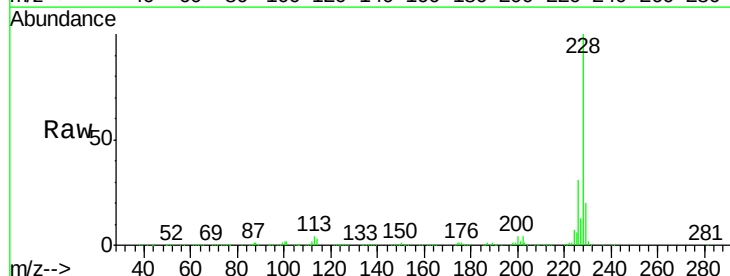
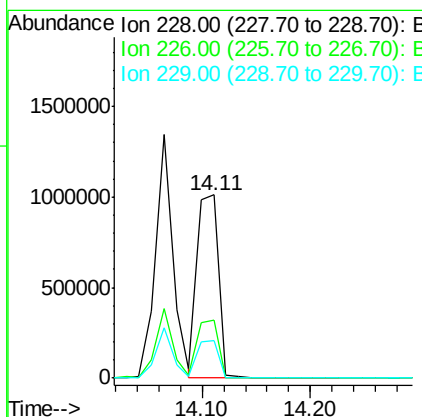
Manual Integrations
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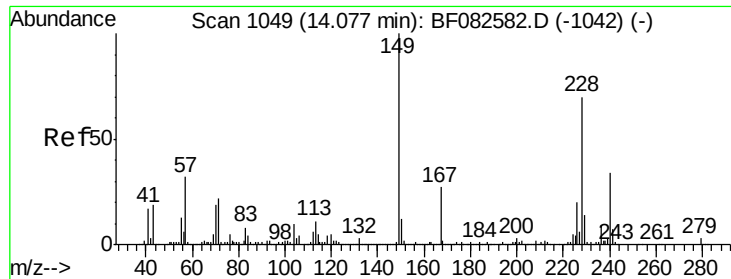
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#82
 Chrysene
 Concen: 40.65 ng
 RT: 14.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: BF082626.D
 Acq: 31 Oct 2015 17:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.5	38.3
229	20.4	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.84 ng

RT: 14.08 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF082626.D

Acq: 31 Oct 2015 17:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 1145311

Ion Ratio Lower Upper

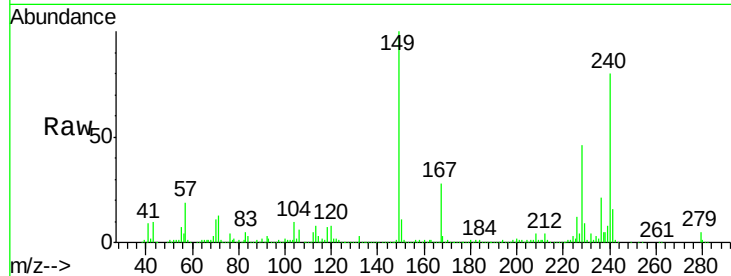
149 100

167 27.9 21.2 31.8

279 5.5 2.2 3.2#

Manual Integrations
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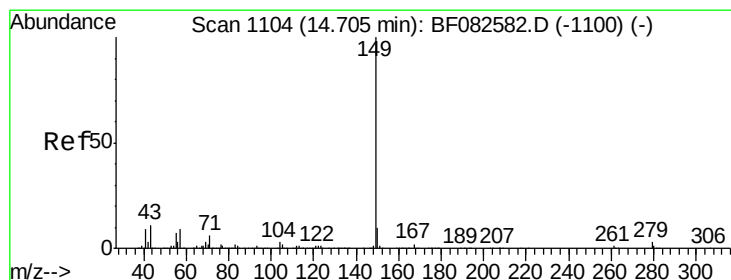
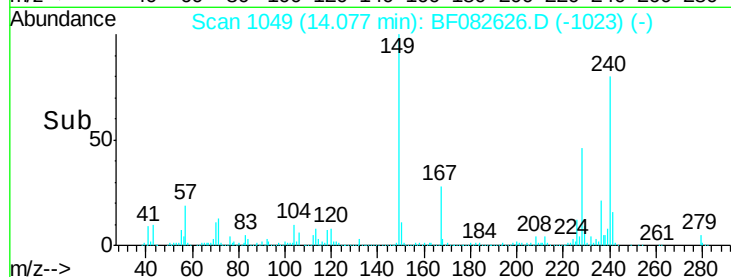
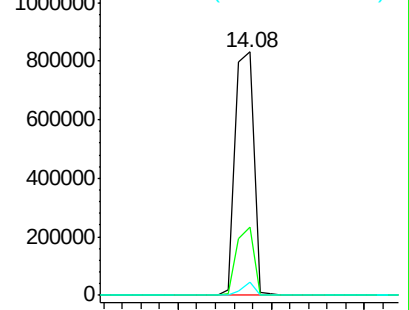
Mmdadoda
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.47 ng

RT: 14.68 min Scan# 1102

Delta R.T. -0.02 min

Lab File: BF082626.D

Acq: 31 Oct 2015 17:30

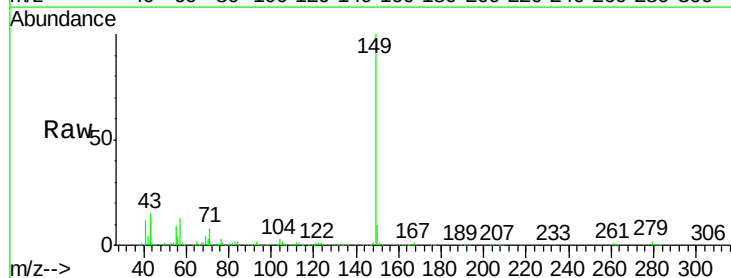
Tgt Ion:149 Resp: 1771782

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

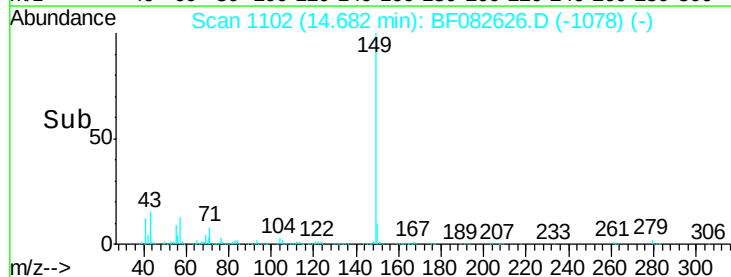
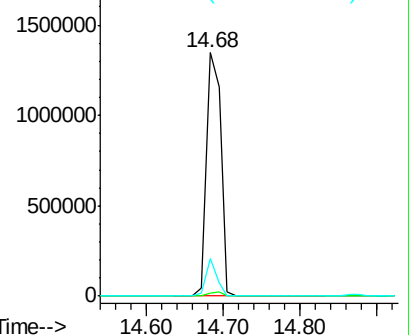
43 11.8 10.1 15.1

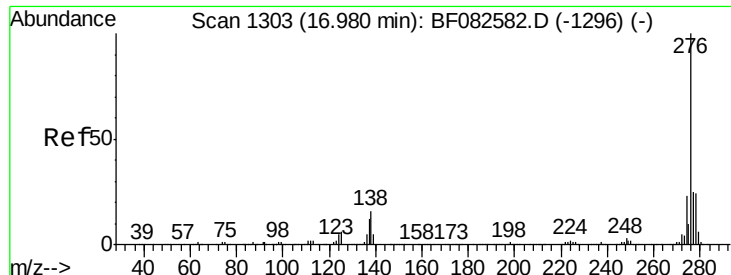


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

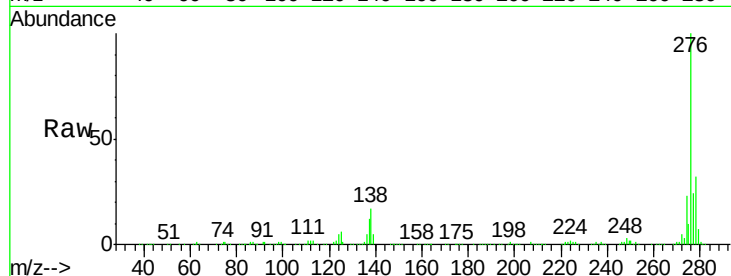
Ion 43.00 (42.70 to 43.70): BF0





#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.50 ng
 RT: 16.97 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF082626.D
 Acq: 31 Oct 2015 17:30

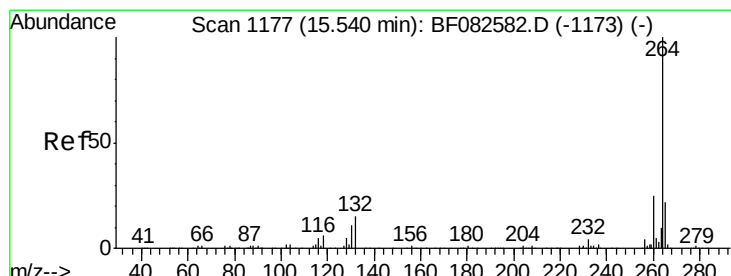
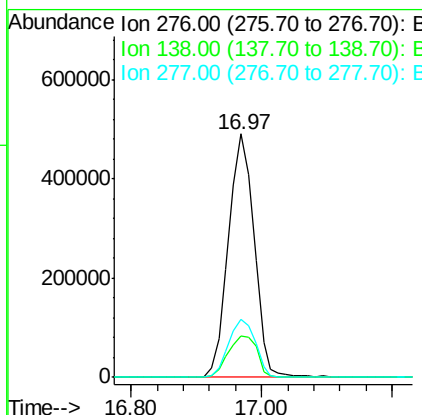
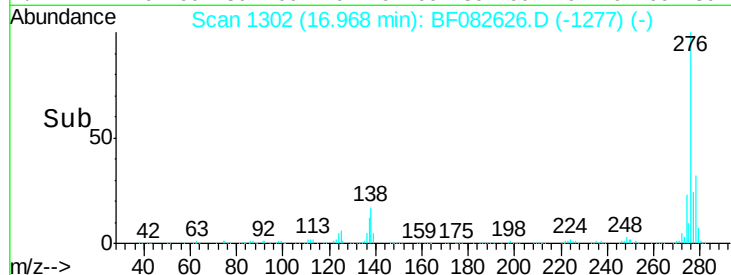
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.3	15.3	22.9
277	25.0	20.2	30.4

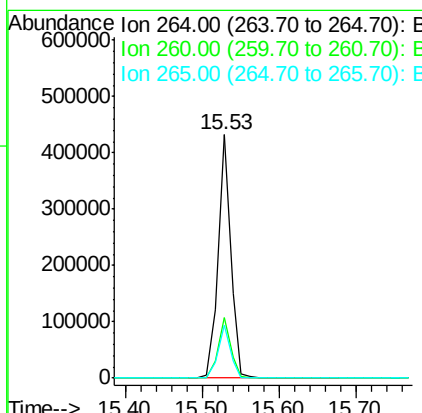
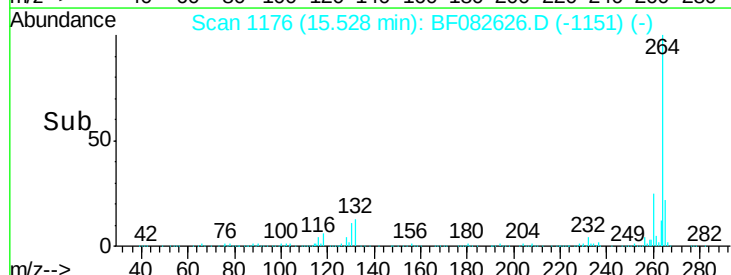
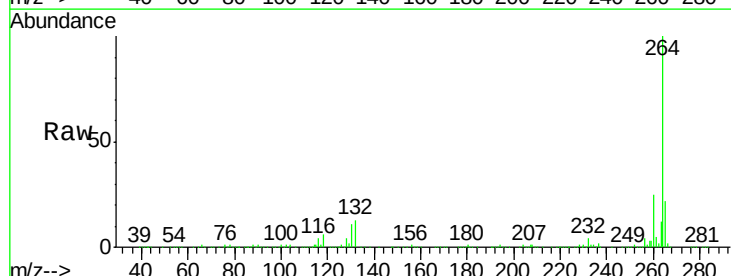
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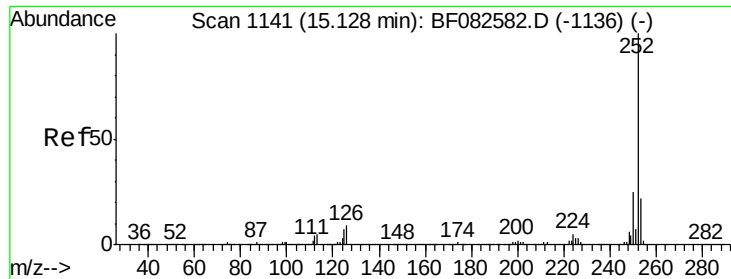
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF082626.D
 Acq: 31 Oct 2015 17:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.8	29.6
265	21.8	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 38.51 ng

RT: 15.12 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF082626.D

Acq: 31 Oct 2015 17:30

Instrument :

BNA_F

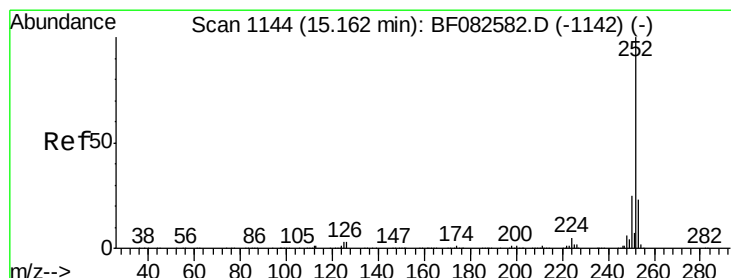
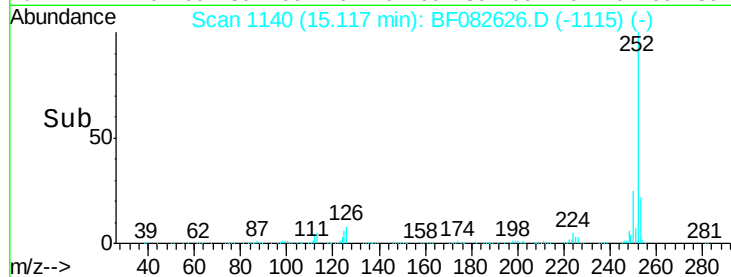
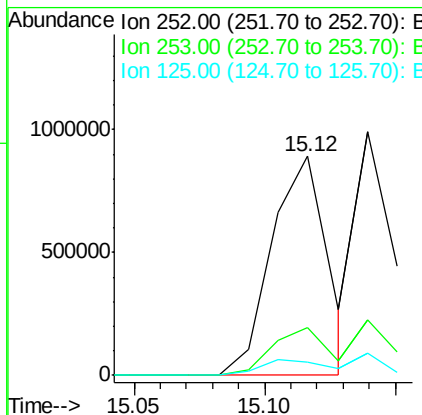
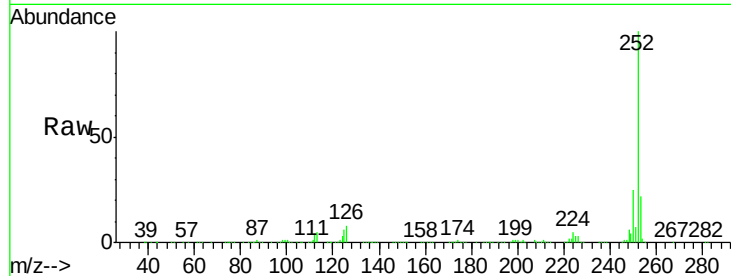
ClientSampleId :

SSTDCCC040

Tgt Ion:	252	Resp:	1323628
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.8	26.8
125	6.1	5.4	8.2

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#88

Benzo(k)fluoranthene

Concen: 39.04 ng m

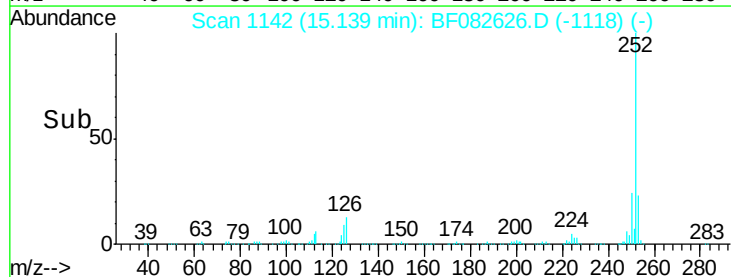
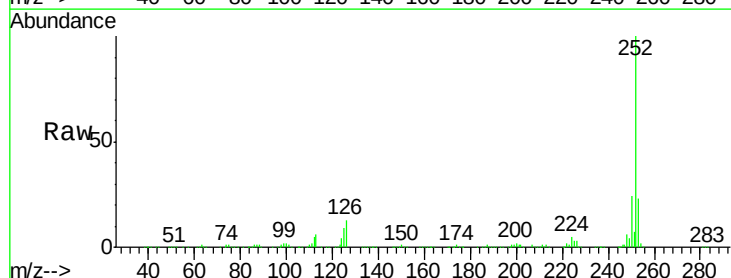
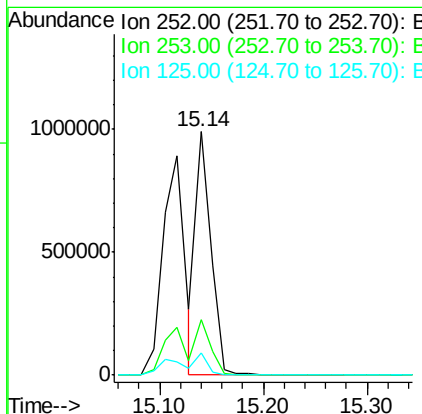
RT: 15.14 min Scan# 1142

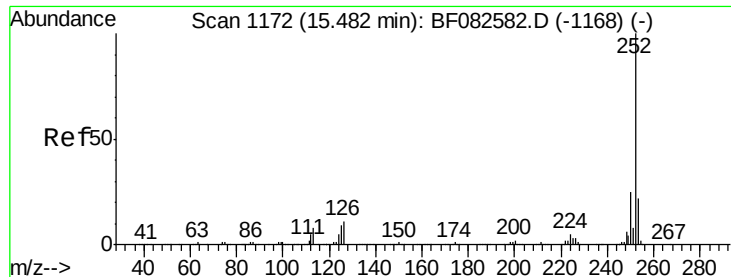
Delta R.T. -0.02 min

Lab File: BF082626.D

Acq: 31 Oct 2015 17:30

Tgt Ion:	252	Resp:	1022260
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.9	26.9
125	9.0	3.5	5.3#





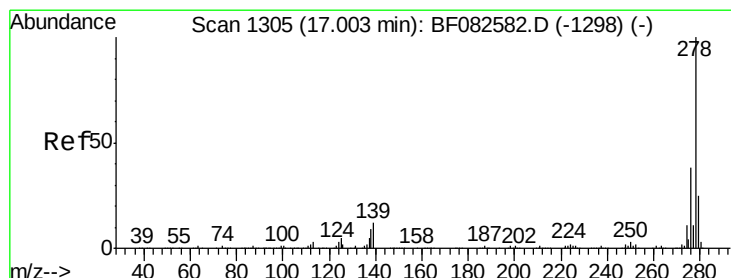
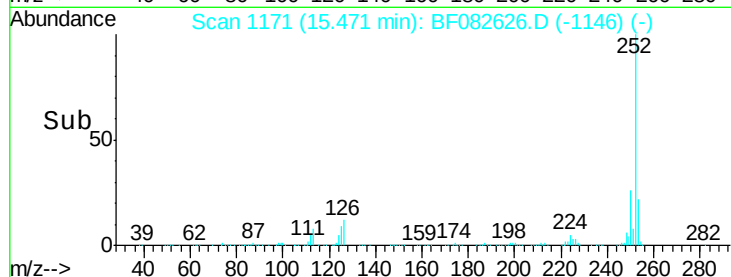
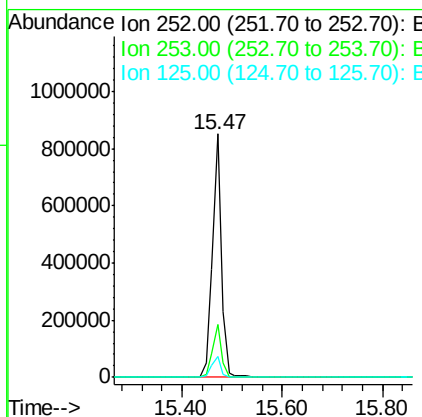
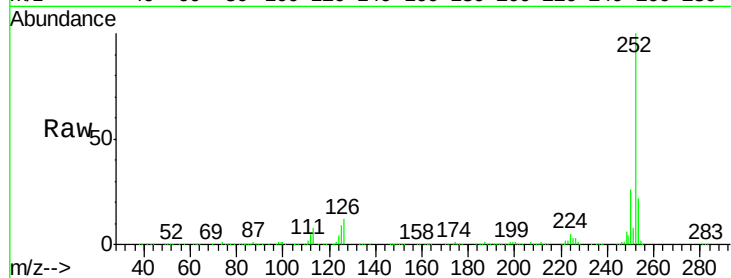
#89
Benzo(a)pyrene
Concen: 39.53 ng
RT: 15.47 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF082626.D
Acq: 31 Oct 2015 17:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	8.6	7.1	10.7

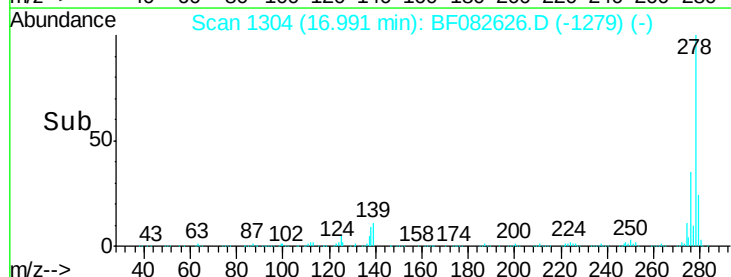
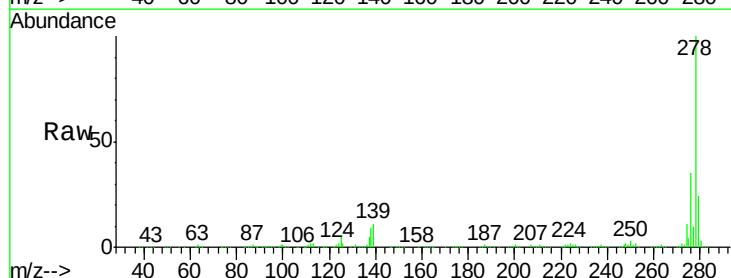
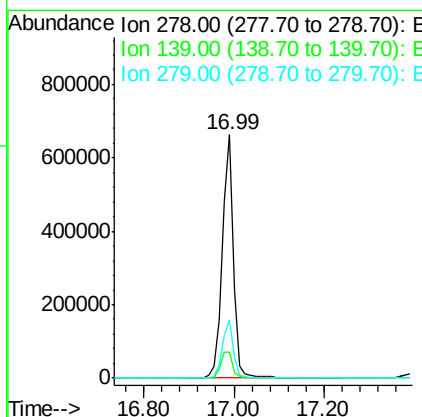
Manual Integrations
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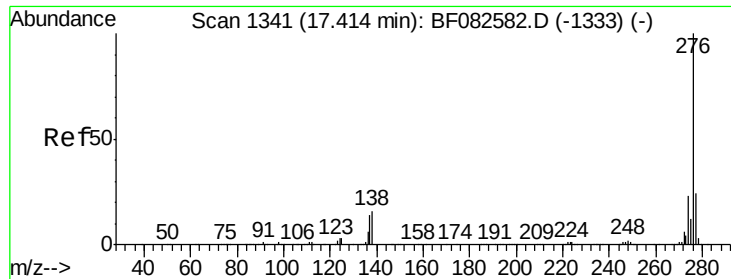
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11/2/2015 4:32:39 PM



#90
Dibenzo(a,h)anthracene
Concen: 45.36 ng
RT: 16.99 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF082626.D
Acq: 31 Oct 2015 17:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.9	9.9	14.9
279	24.0	19.6	29.4





#91
 Benzo(g,h,i)perylene
 Concen: 44.12 ng
 RT: 17.40 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: BF082626.D
 Acq: 31 Oct 2015 17:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	276	Resp:	1079775
Ion Ratio	Lower	Upper	
276	100		
277	24.3	19.2	28.8
138	16.5	13.1	19.7

Manual Integrations
 APPROVED

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