

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103015\
 Data File : BF082582.D
 Acq On : 30 Oct 2015 20:05
 Operator : UM/IZ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Mmdadoda
 11/2/2015 4:31:59 PM

Quant Time: Oct 30 22:39:37 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 30 23:22:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	200810	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	713987	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	369505	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	734805	20.00	ng	0.00
75) Chrysene-d12	14.08	240	549971	20.00	ng	0.00
86) Perylene-d12	15.54	264	453822	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1105249	103.17	ng	0.00
7) Phenol-d6	6.53	99	1335872	96.48	ng	0.00
23) Nitrobenzene-d5	7.47	82	1419634	117.52	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	312882	107.00	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	2090675	87.60	ng	0.00
78) Terphenyl-d14	13.03	244	1915947	96.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	237498	44.94	ng	91
3) Pyridine	3.28	79	736225	57.80	ng	100
4) n-Nitrosodimethylamine	3.22	42	392359	65.75	ng	100
6) Aniline	6.57	93	983389	55.00	ng	100
8) 2-Chlorophenol	6.69	128	552472	45.24	ng	100
9) Benzaldehyde	6.44	77	445419	59.16	ng	100
10) Phenol	6.54	94	791607	49.63	ng	100
11) bis(2-Chloroethyl)ether	6.64	93	513736	42.13	ng	100
12) 1,3-Dichlorobenzene	6.84	146	601531	41.64	ng	100
13) 1,4-Dichlorobenzene	6.92	146	628461	42.27	ng	100
14) 1,2-Dichlorobenzene	7.08	146	627303	44.49	ng	100
15) Benzyl Alcohol	7.05	79	673303	64.99	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.18	45	909262	52.98	ng	100
17) 2-Methylphenol	7.16	107	493041	49.57	ng	100
18) Hexachloroethane	7.42	117	250955	48.41	ng	100
19) n-Nitroso-di-n-propylamine	7.32	70	499365	53.80	ng	100
20) 3+4-Methylphenols	7.31	107	577025	45.84	ng	100
22) Acetophenone	7.32	105	916571	55.26	ng	100
24) Nitrobenzene	7.49	77	764521	57.65	ng	100
25) Isophorone	7.73	82	1280361	54.44	ng	100
26) 2-Nitrophenol	7.80	139	257550	42.61	ng	100
27) 2,4-Dimethylphenol	7.85	122	522548	51.07	ng	100
28) bis(2-Chloroethoxy)methane	7.95	93	701599	51.41	ng	100
29) 2,4-Dichlorophenol	8.05	162	463022	46.55	ng	100
30) 1,2,4-Trichlorobenzene	8.13	180	494187	44.12	ng	100
31) Naphthalene	8.21	128	1436505	42.98	ng	100
32) Benzoic acid	7.96	122	384939	63.08	ng	100
33) 4-Chloroaniline	8.26	127	606781	46.87	ng	100
34) Hexachlorobutadiene	8.34	225	323295	48.73	ng	100
35) Caprolactam	8.64	113	138946	49.23	ng	100
36) 4-Chloro-3-methylphenol	8.74	107	507528	51.63	ng	100
37) 2-Methylnaphthalene	8.91	142	1079499	47.28	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	512771	44.91	ng	100
40) Hexachlorocyclopentadiene	9.07	237	323185	104.68	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	394753	53.75	ng	100
43) 2,4,5-Trichlorophenol	9.22	196	328890	44.62	ng	100
45) 1,1'-Biphenyl	9.38	154	1371569	48.63	ng	100
46) 2-Chloronaphthalene	9.40	162	1040004	46.76	ng	100
47) 2-Nitroaniline	9.48	65	365479	54.38	ng	100
48) Acenaphthylene	9.81	152	1577886	44.29	ng	100
49) Dimethylphthalate	9.68	163	1131321	43.49	ng	100
50) 2,6-Dinitrotoluene	9.73	165	280129	48.51	ng	100
51) Acenaphthene	9.98	154	954497	46.38	ng	100
52) 3-Nitroaniline	9.89	138	288130	46.51	ng	100
53) 2,4-Dinitrophenol	10.00	184	110864	50.83	ng	100
54) Dibenzofuran	10.16	168	1253405	42.40	ng	100
55) 4-Nitrophenol	10.05	139	254419	92.34	ng	100
56) 2,4-Dinitrotoluene	10.13	165	377227	52.15	ng	100
57) Fluorene	10.50	166	1037838	42.59	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.27	232	286462	49.43	ng	100
59) Diethylphthalate	10.38	149	1272878	49.04	ng	100
60) 4-Chlorophenyl-phenylether	10.50	204	560195	47.88	ng	100
61) 4-Nitroaniline	10.51	138	267078	43.64	ng	100
62) Azobenzene	10.66	77	1478787	56.39	ng	100
64) 4,6-Dinitro-2-methylphenol	10.54	198	205512	46.27	ng	100
65) n-Nitrosodiphenylamine	10.61	169	1051164	45.61	ng	100
66) 4-Bromophenyl-phenylether	10.99	248	318829	44.87	ng	100
67) Hexachlorobenzene	11.05	284	338636	45.15	ng	100
68) Atrazine	11.14	200	302316	43.39	ng	100
69) Pentachlorophenol	11.24	266	271417	85.37	ng	100
70) Phenanthrene	11.46	178	1531886	39.79	ng	100
71) Anthracene	11.52	178	1806152	46.30	ng	100
72) Carbazole	11.66	167	1576720	45.77	ng	100
73) Di-n-butylphthalate	12.01	149	1952095	46.71	ng	100
74) Fluoranthene	12.65	202	1616844	40.98	ng	100
76) Benzidine	12.77	184	1128926	66.72	ng	100
77) Pyrene	12.88	202	1665383	47.30	ng	100
79) Butylbenzylphthalate	13.51	149	790630	52.27	ng	100
80) Benzo(a)anthracene	14.07	228	1459944	47.52	ng	100
81) 3,3'-Dichlorobenzidine	14.03	252	491858	46.98	ng	100
82) Chrysene	14.11	228	1514799	51.42	ng	100
83) Bis(2-ethylhexyl)phthalate	14.08	149	1054047	52.43	ng	100
84) Di-n-octyl phthalate	14.71	149	1638150	49.83	ng	100
85) Indeno(1,2,3-cd)pyrene	16.98	276	1099013	42.20	ng	100
87) Benzo(b)fluoranthene	15.13	252	1152933	42.10	ng	100
88) Benzo(k)fluoranthene	15.16	252	1088394m	47.72	ng	
89) Benzo(a)pyrene	15.48	252	1002207	42.35	ng	100
90) Dibenzo(a,h)anthracene	17.00	278	913921	45.47	ng	100
91) Benzo(g,h,i)perylene	17.41	276	873741	44.01	ng	100

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

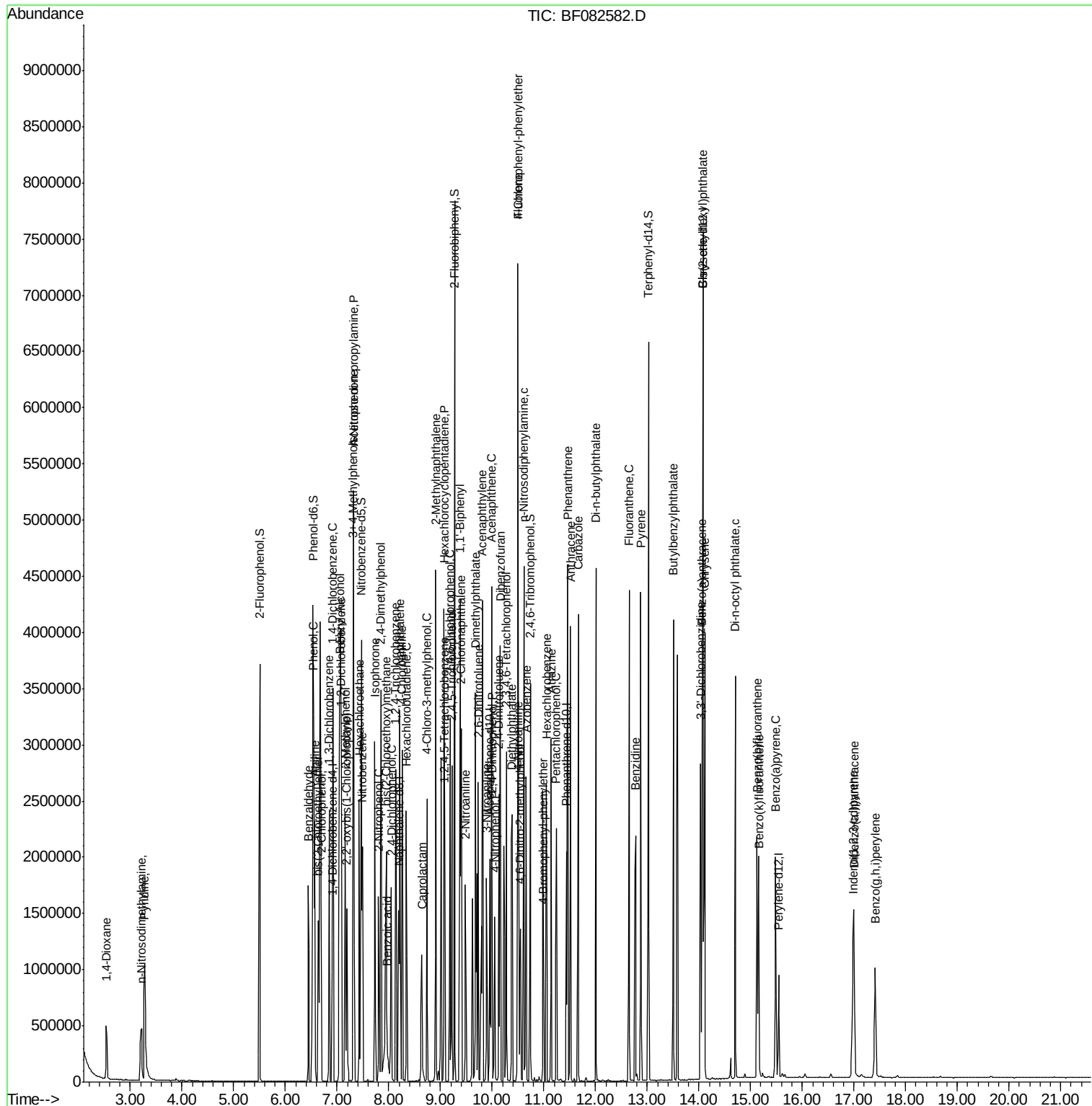
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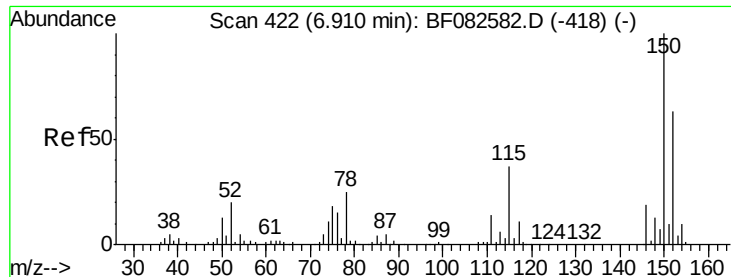
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF082582.D

Acq: 30 Oct 2015 20:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:152 Resp: 200810

Ion Ratio Lower Upper

152 100

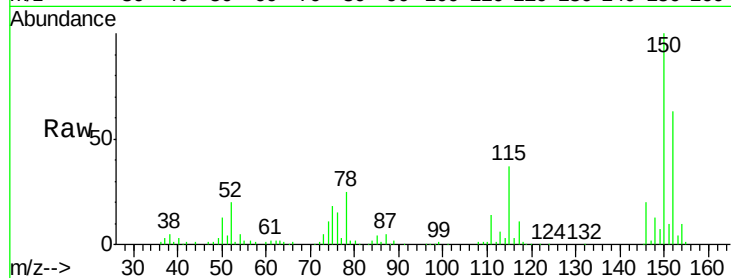
150 158.7 127.0 190.4

115 58.8 47.0 70.6

Manual Integrations
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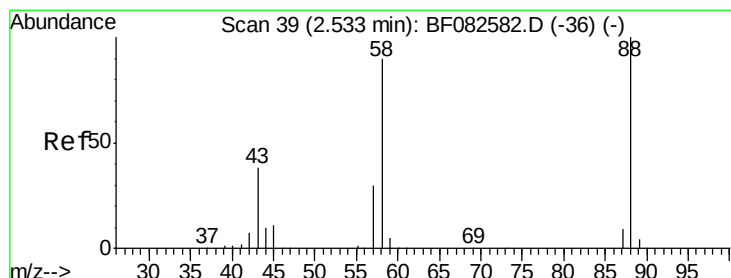
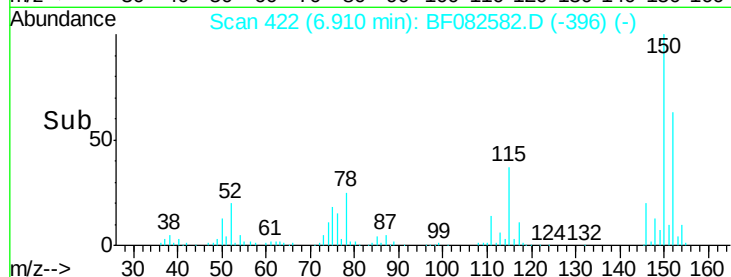
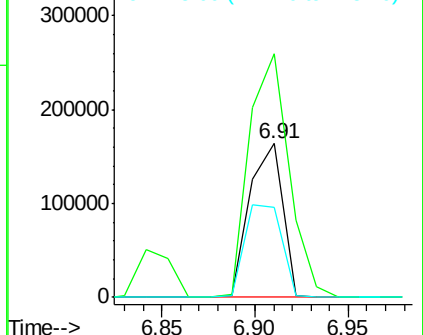
11/2/2015 4:31:59 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 44.94 ng

RT: 2.53 min Scan# 39

Delta R.T. 0.00 min

Lab File: BF082582.D

Acq: 30 Oct 2015 20:05

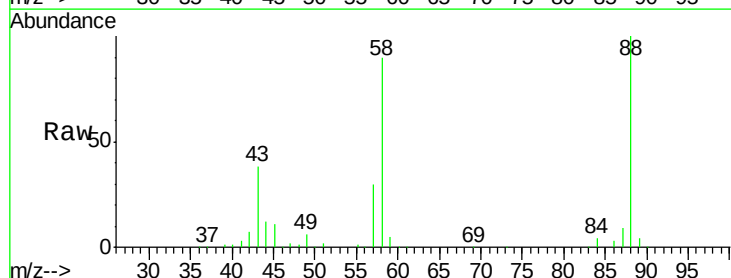
Tgt Ion: 88 Resp: 237498

Ion Ratio Lower Upper

88 100

58 85.3 62.0 93.0

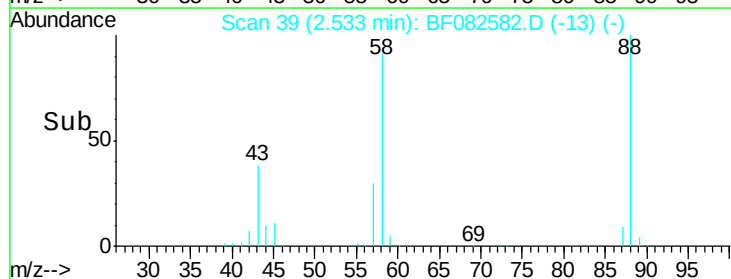
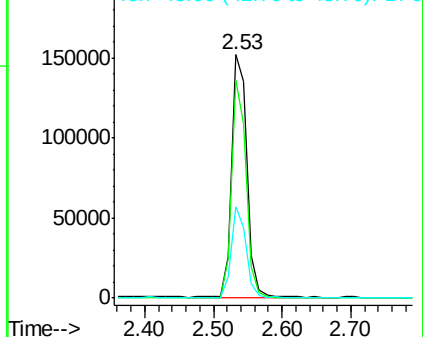
43 37.6 26.6 40.0

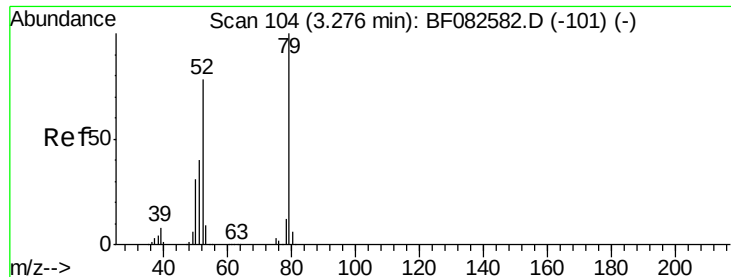


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 57.80 ng

RT: 3.28 min Scan# 104

Delta R.T. 0.00 min

Lab File: BF082582.D

Acq: 30 Oct 2015 20:05

Instrument :

BNA_F

ClientSampleId :

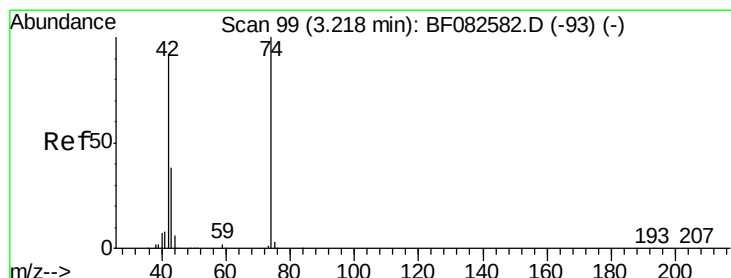
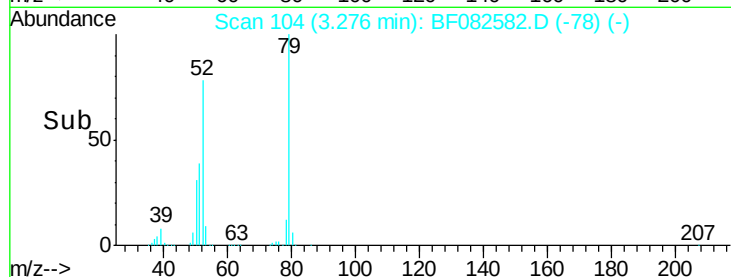
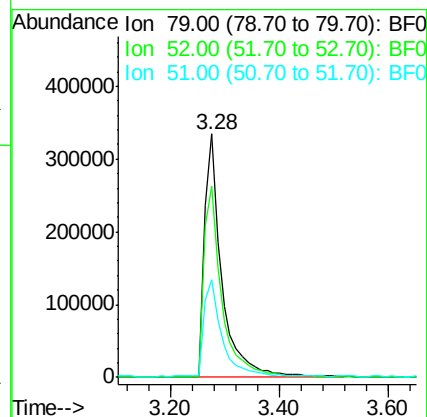
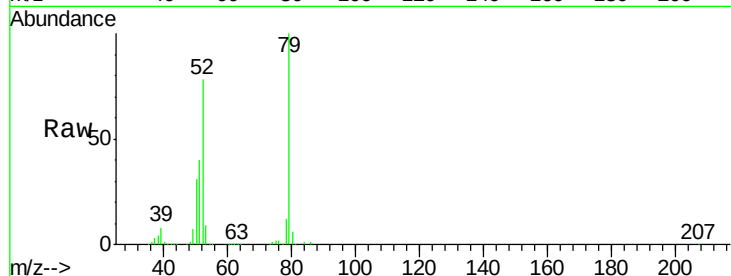
SSTDICCC040

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Tot Ion:	79	Resp:	736225
Ion	Ratio	Lower	Upper
79	100		
52	78.5	62.8	94.2
51	40.0	32.0	48.0



#4

n-Nitrosodimethylamine

Concen: 65.75 ng

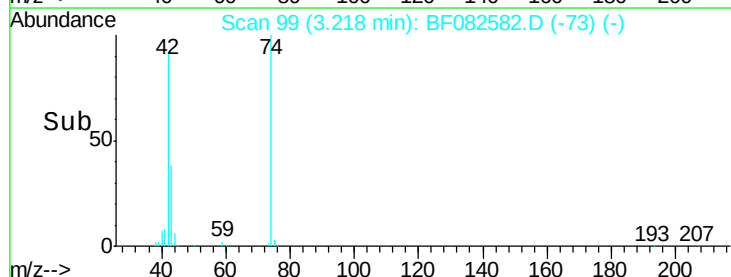
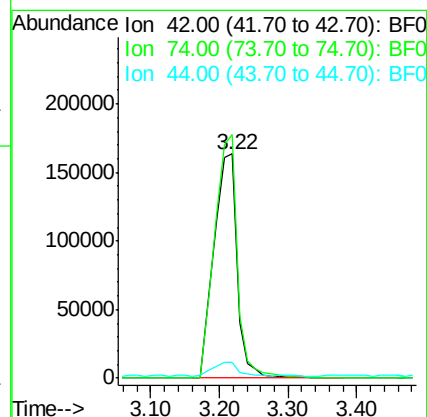
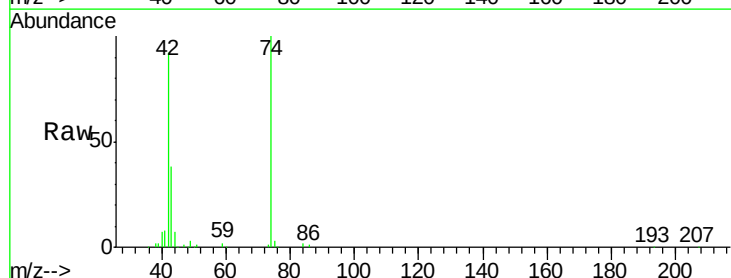
RT: 3.22 min Scan# 99

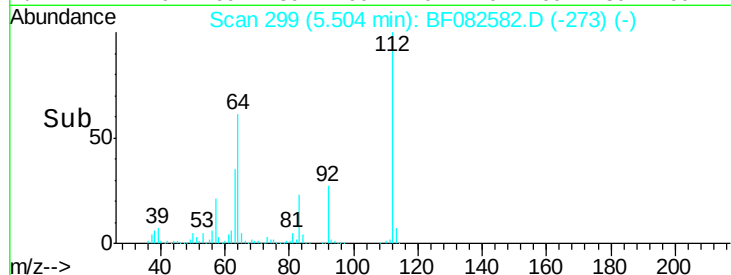
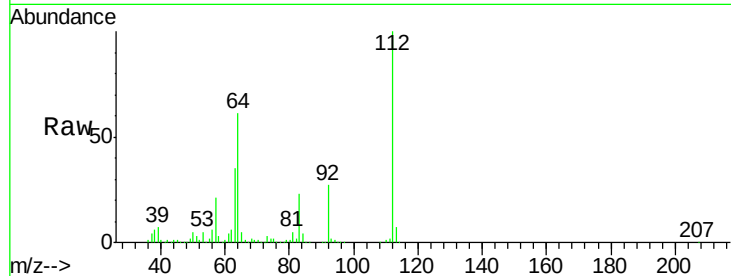
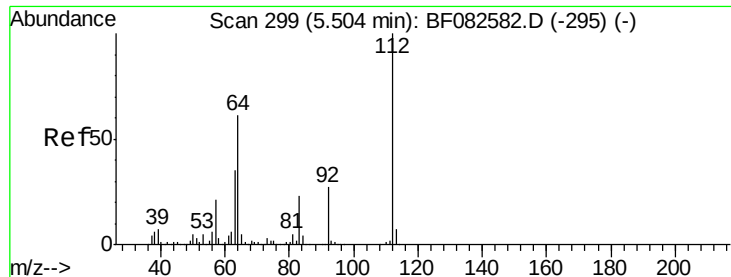
Delta R.T. 0.00 min

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Tgt Ion:	42	Resp:	392359
Ion	Ratio	Lower	Upper
42	100		
74	108.7	87.0	130.4
44	7.3	5.8	8.8





#5

2-Fluorophenol

Concen: 103.17 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.00 min

Lab File: BF082582.D

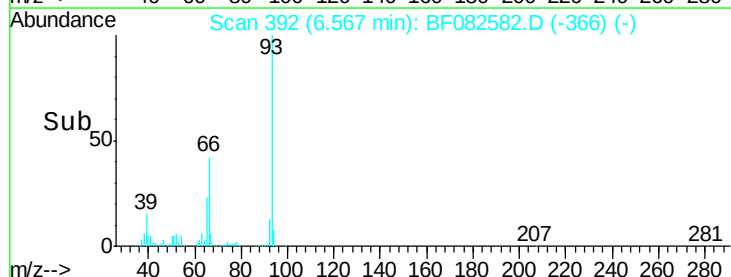
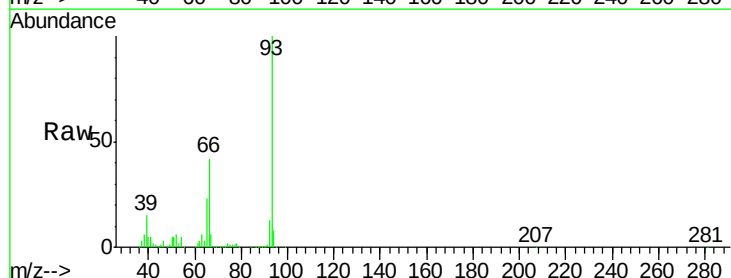
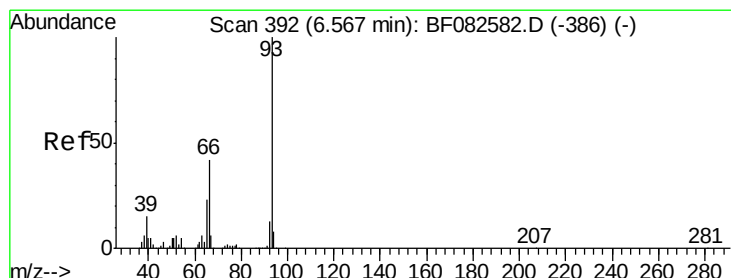
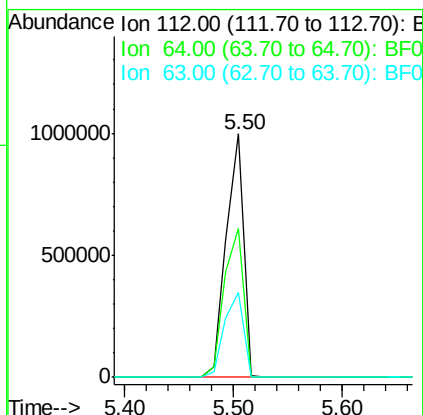
Acq: 30 Oct 2015 20:05

Tot Ion:	112	Resp:	1105249
Ion	Ratio	Lower	Upper
112	100		
64	61.1	48.9	73.3
63	35.1	28.1	42.1

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#6

Aniline

Concen: 55.00 ng

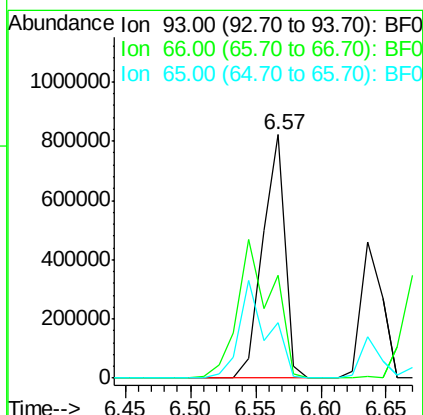
RT: 6.57 min Scan# 392

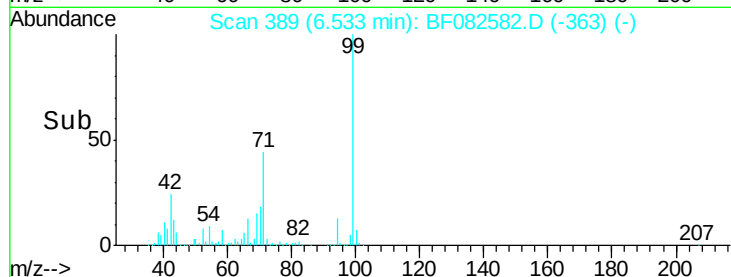
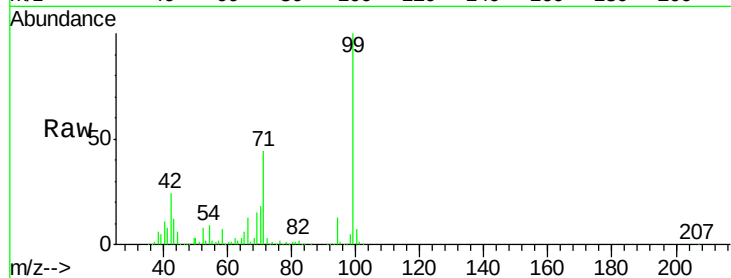
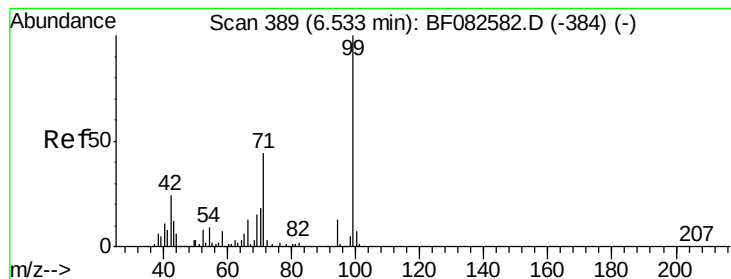
Delta R.T. 0.00 min

Lab File: BF082582.D

Acq: 30 Oct 2015 20:05

Tgt Ion:	93	Resp:	983389
Ion	Ratio	Lower	Upper
93	100		
66	42.0	33.6	50.4
65	22.6	18.1	27.1





#7

Phenol-d6

Concen: 96.48 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF082582.D

Acq: 30 Oct 2015 20:05

Tot Ion: 99 Resp: 1335872

Ion Ratio Lower Upper

99 100

42 24.0 19.2 28.8

71 43.7 35.0 52.4

Instrument :

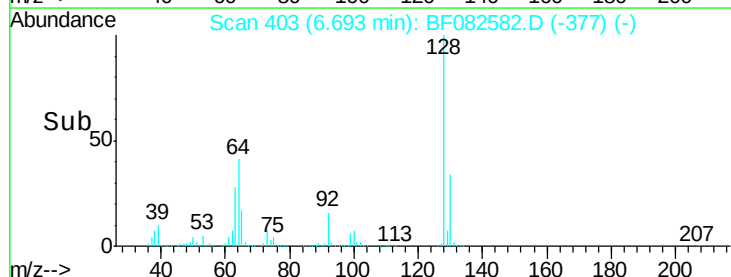
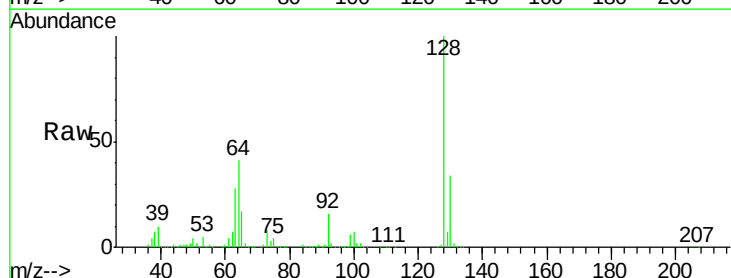
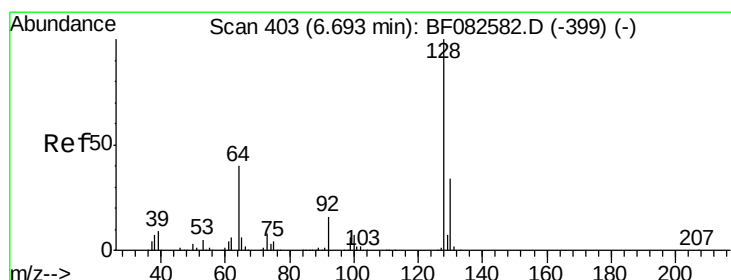
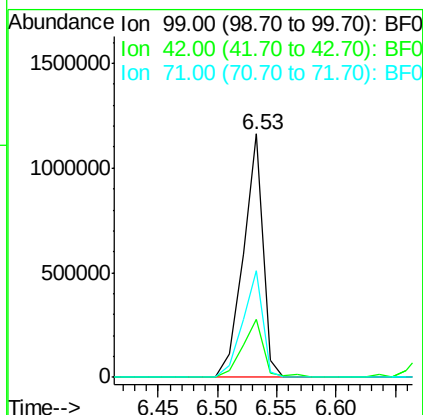
BNA_F

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SSTDICCC040

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#8

2-Chlorophenol

Concen: 45.24 ng

RT: 6.69 min Scan# 403

Delta R.T. 0.00 min

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Acq: 30 Oct 2015 20:05

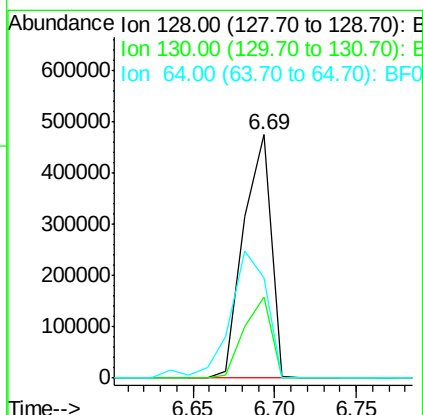
Tgt Ion: 128 Resp: 552472

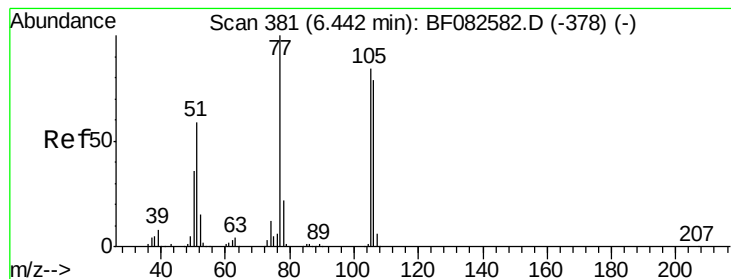
Ion Ratio Lower Upper

128 100

130 33.5 13.5 53.5

64 41.1 21.1 61.1





#9

Benzaldehyde

Concen: 59.16 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF082582.D

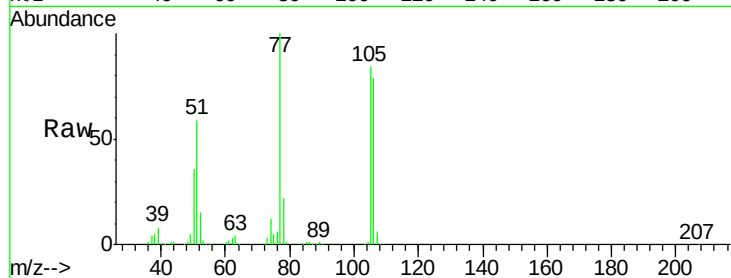
Acq: 30 Oct 2015 20:05

Instrument :

BNA_F

ClientSampled :

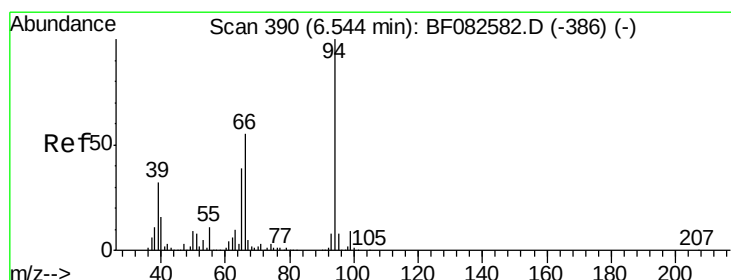
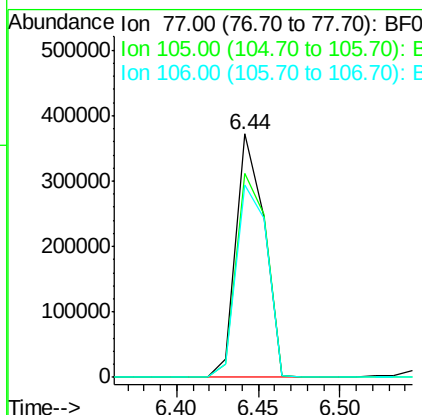
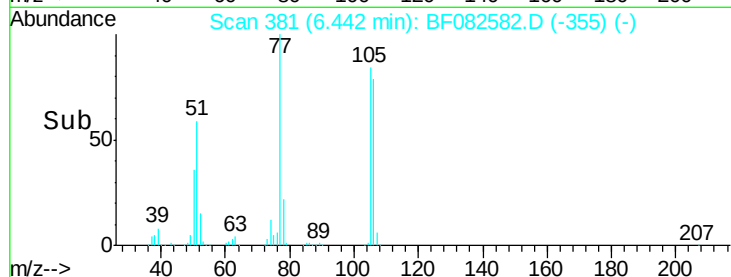
SSTDICCC040



Tot Ion:	77	Resp:	445419
Ion Ratio	Lower	Upper	
77	100		
105	83.5	63.5	103.5
106	79.3	59.3	99.3

Manual Integrations
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#10

Phenol

Concen: 49.63 ng

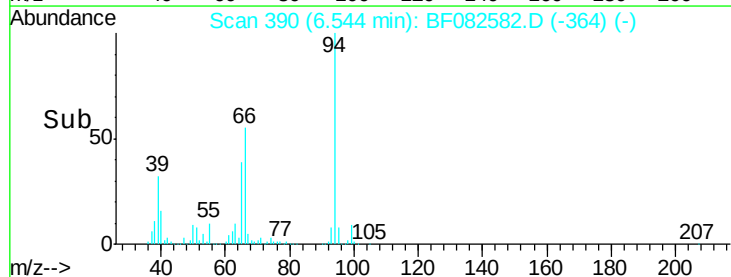
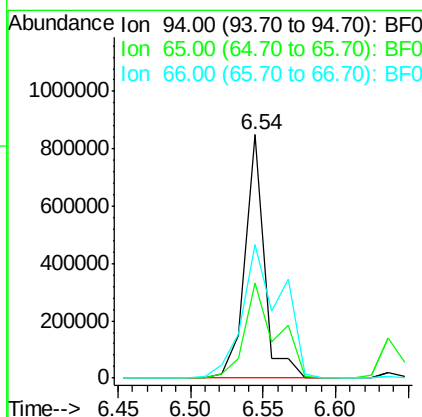
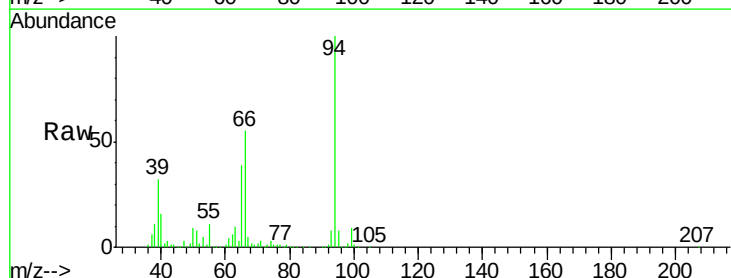
RT: 6.54 min Scan# 390

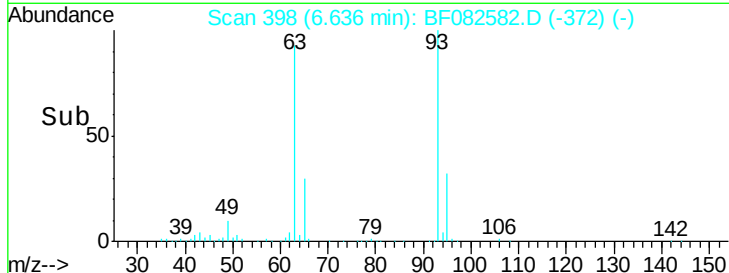
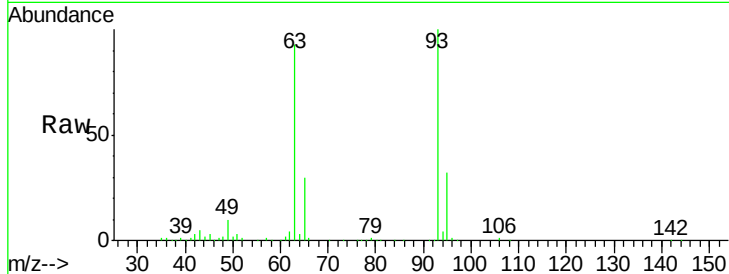
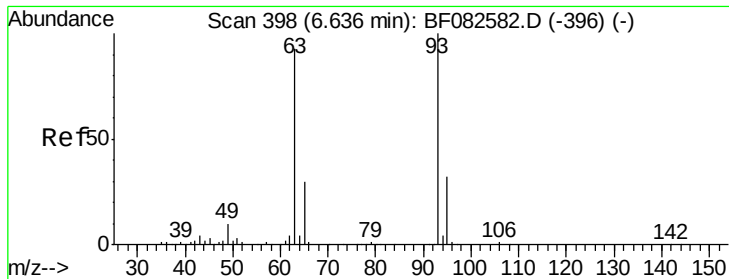
Delta R.T. 0.00 min

Lab File: BF082582.D

Acq: 30 Oct 2015 20:05

Tgt Ion:	94	Resp:	791607
Ion Ratio	Lower	Upper	
94	100		
65	38.9	18.9	58.9
66	54.9	34.9	74.9





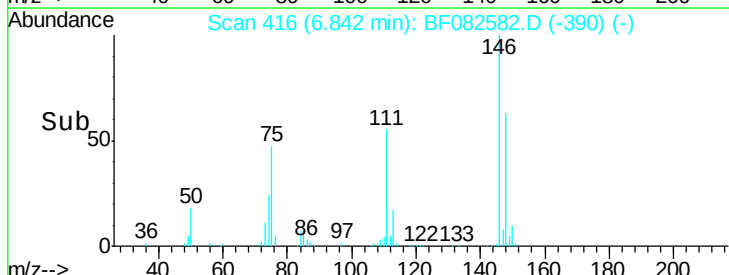
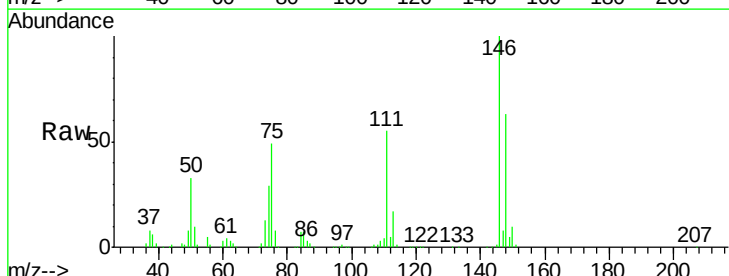
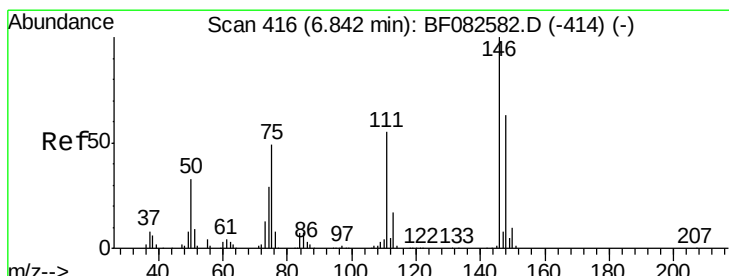
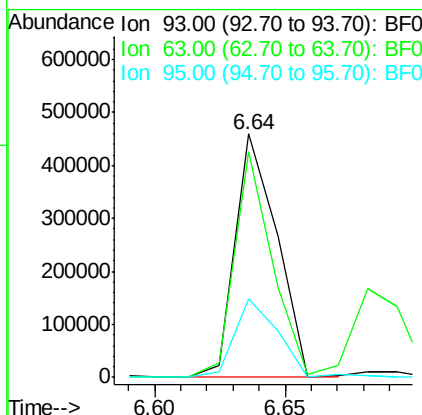
#11
bis(2-Chloroethyl)ether
Concen: 42.13 ng
RT: 6.64 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF082582.D
Acq: 30 Oct 2015 20:05

Tot Ion	93	Resp	513736
Ion Ratio	Lower	Upper	
93	100		
63	92.7	72.7	112.7
95	32.0	12.0	52.0

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

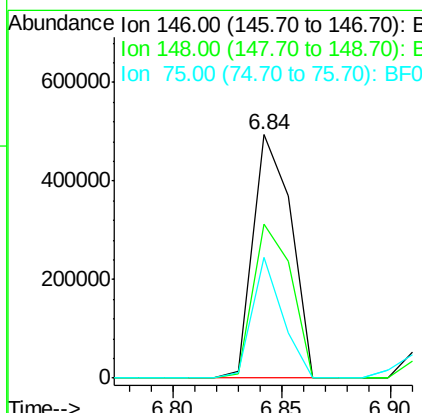
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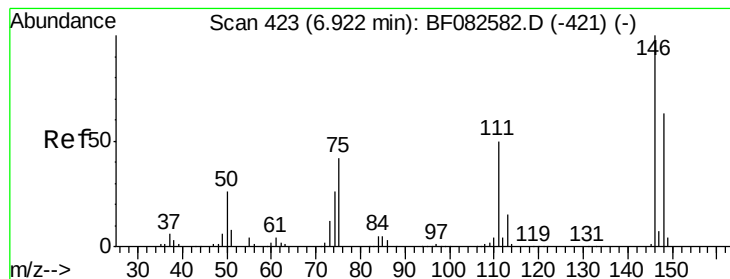
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#12
1,3-Dichlorobenzene
Concen: 41.64 ng
RT: 6.84 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF082582.D
Acq: 30 Oct 2015 20:05

Tgt Ion	146	Resp	601531
Ion Ratio	Lower	Upper	
146	100		
148	63.1	50.5	75.7
75	49.4	39.5	59.3





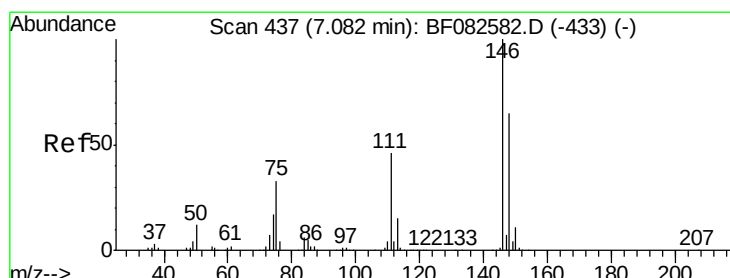
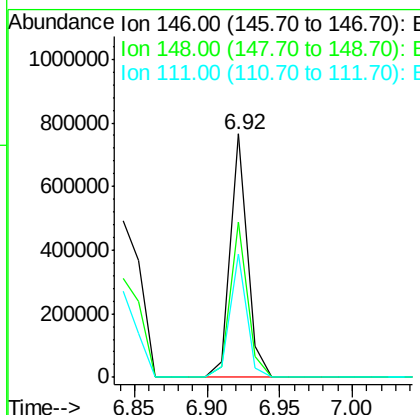
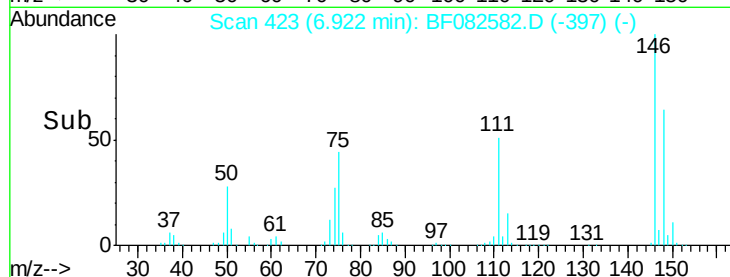
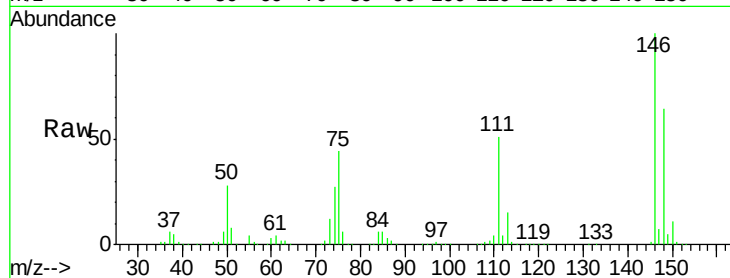
#13
 1,4-Dichlorobenzene
 Concen: 42.27 ng
 RT: 6.92 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: BF082582.D
 Acq: 30 Oct 2015 20:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		628461		
148	63.5	50.8	76.2		
111	50.7	40.6	60.8		

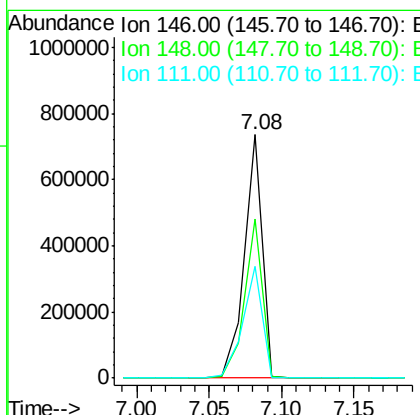
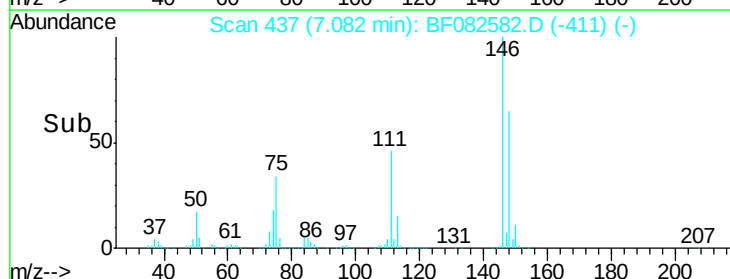
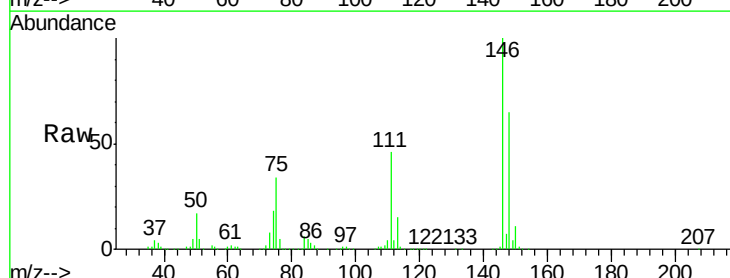
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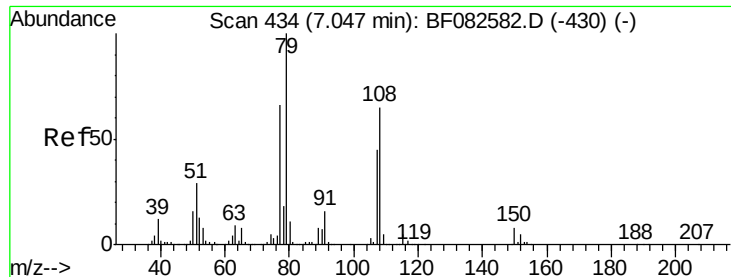
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#14
 1,2-Dichlorobenzene
 Concen: 44.49 ng
 RT: 7.08 min Scan# 437
 Delta R.T. 0.00 min
 Lab File: BF082582.D
 Acq: 30 Oct 2015 20:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		627303		
148	65.3	52.2	78.4		
111	45.8	36.6	55.0		





#15

Benzyl Alcohol

Concen: 64.99 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF082582.D

Acq: 30 Oct 2015 20:05

Instrument :

BNA_F

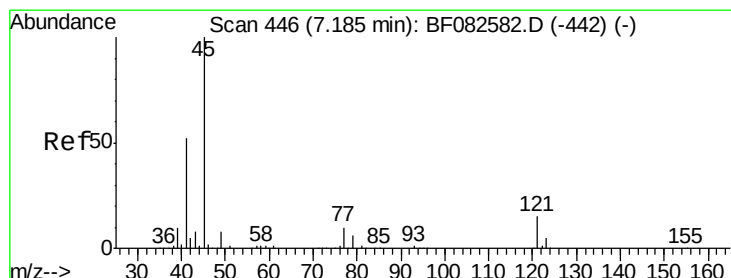
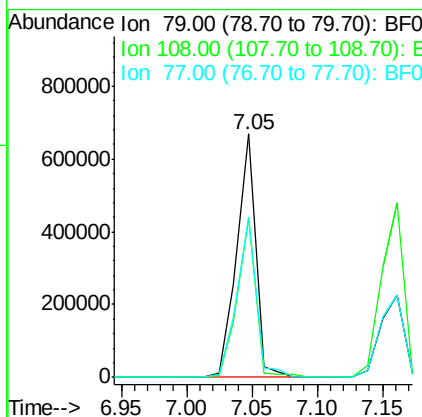
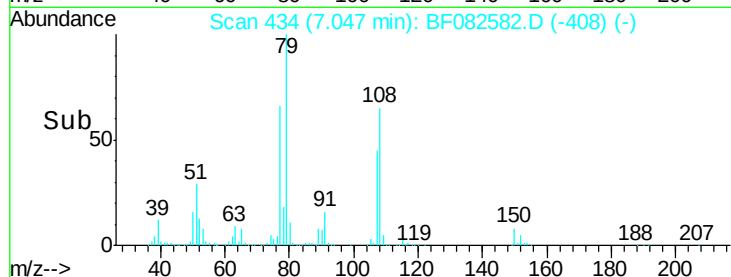
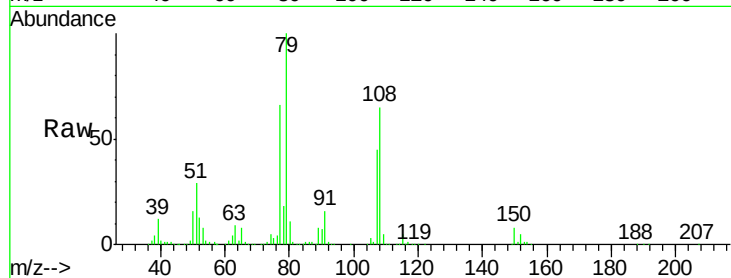
ClientSampleId :

SSTDICCC040

Tot Ion:	79	Resp:	673303
Ion Ratio	Lower	Upper	
79	100		
108	65.3	52.2	78.4
77	65.9	52.7	79.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 52.98 ng

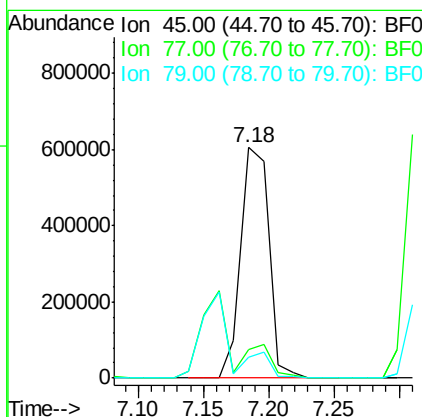
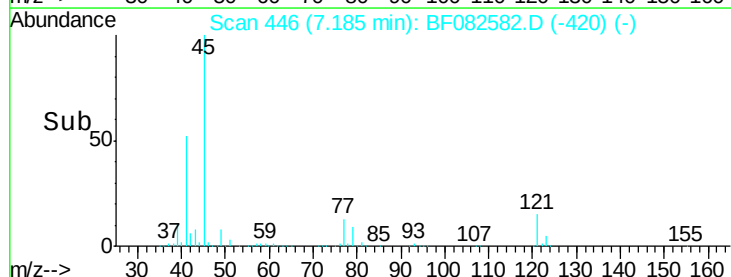
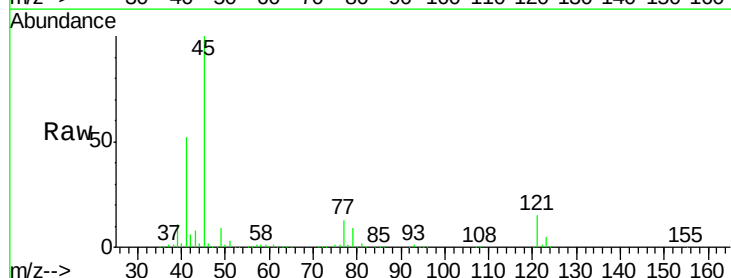
RT: 7.18 min Scan# 446

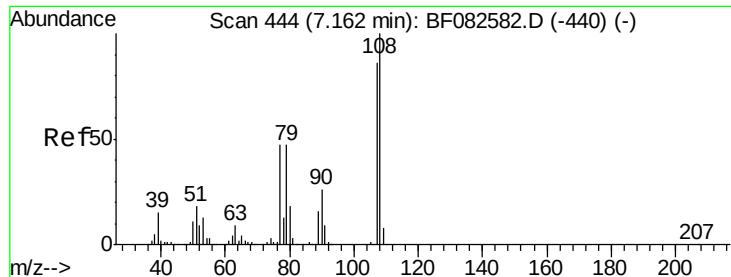
Delta R.T. 0.00 min

Lab File: BF082582.D

Acq: 30 Oct 2015 20:05

Tgt Ion:	45	Resp:	909262
Ion Ratio	Lower	Upper	
45	100		
77	12.6	0.0	32.6
79	9.2	0.0	29.2





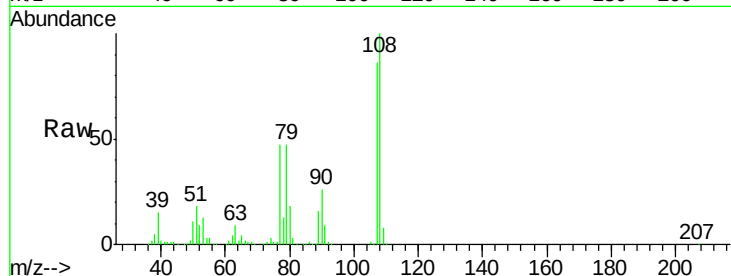
#17
2-Methylphenol
Concen: 49.57 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF082582.D
Acq: 30 Oct 2015 20:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

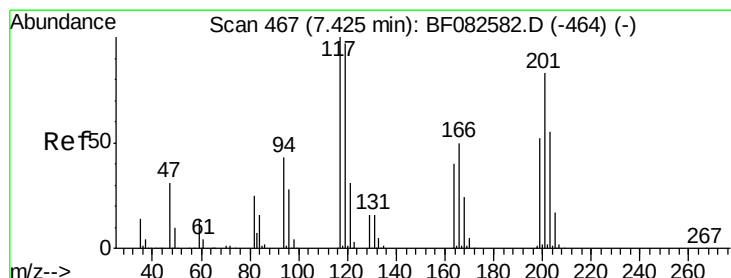
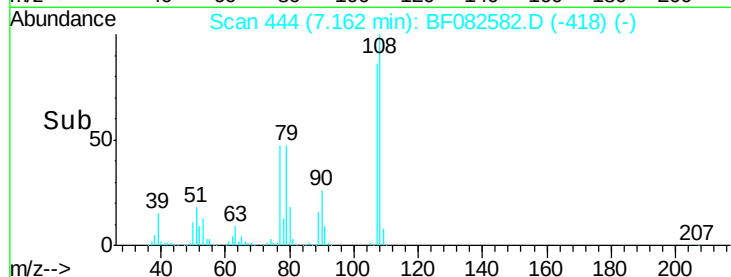
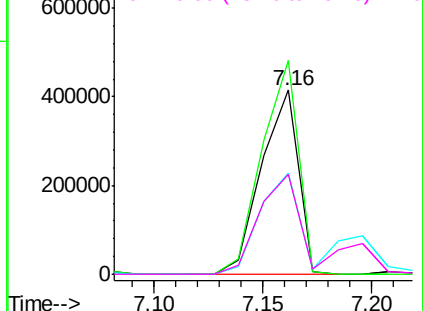
Tot Ion	107	Resp	493041
Ion Ratio	Lower	Upper	
107	100		
108	116.2	93.0	139.4
77	55.1	44.1	66.1
79	54.5	43.6	65.4

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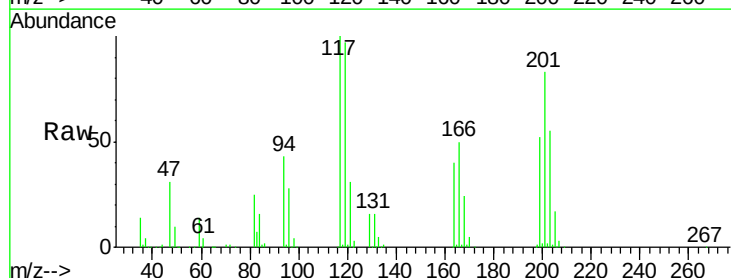


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

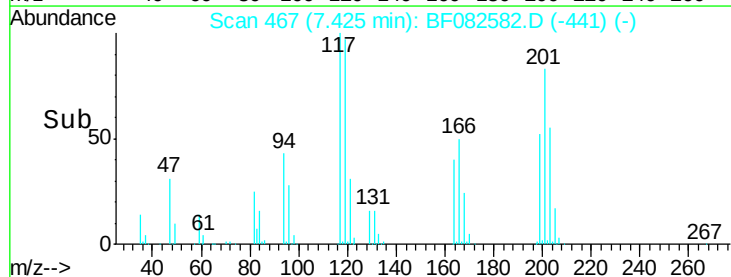
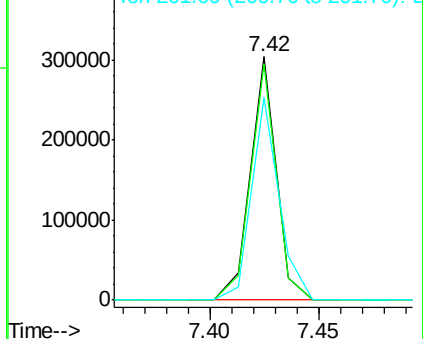


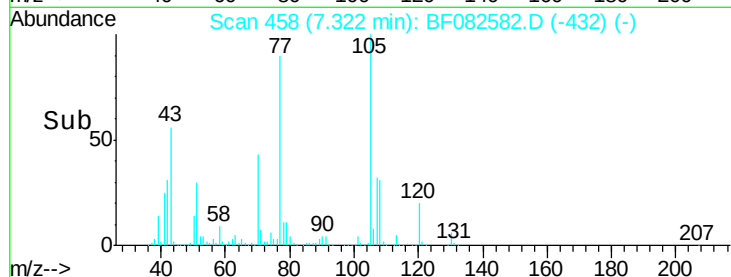
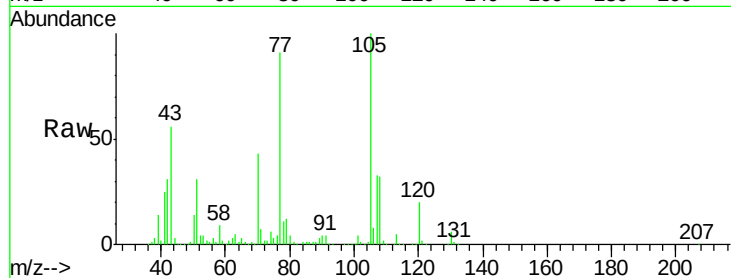
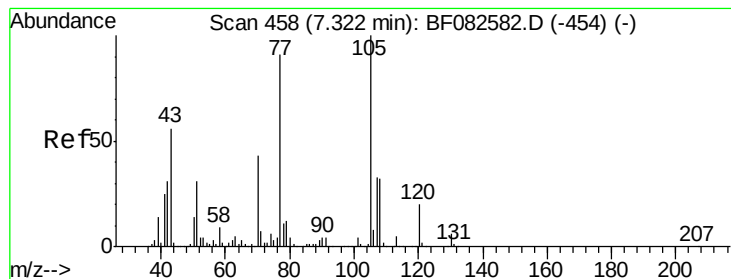
#18
Hexachloroethane
Concen: 48.41 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.00 min
Lab File: BF082582.D
Acq: 30 Oct 2015 20:05

Tgt Ion	117	Resp	250955
Ion Ratio	Lower	Upper	
117	100		
119	97.1	77.7	116.5
201	83.4	66.7	100.1



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 53.80 ng

RT: 7.32 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF082582.D

Acq: 30 Oct 2015 20:05

Instrument :

BNA_F

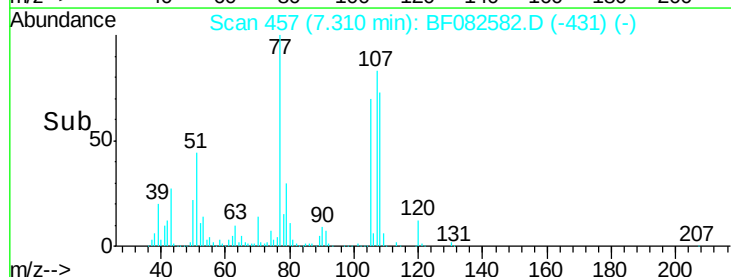
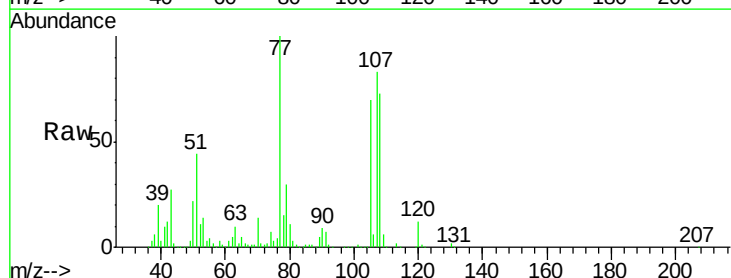
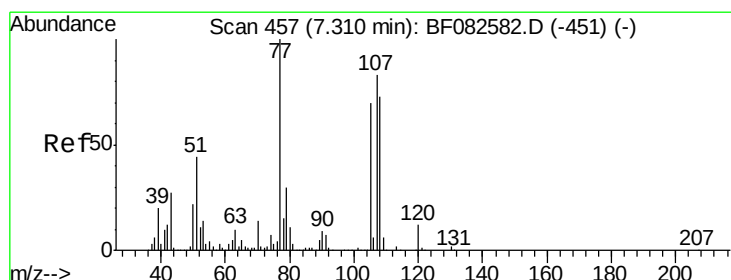
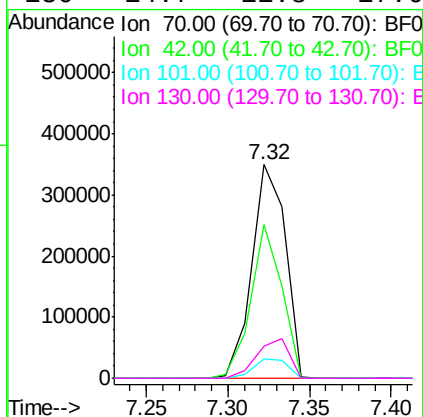
ClientSampleId :

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Tot Ion	70	Resp	499365
Ion Ratio	Lower	Upper	
70	100		
42	72.1	57.7	86.5
101	8.8	7.0	10.6
130	14.7	11.8	17.6



#20

3+4-Methylphenols

Concen: 45.84 ng

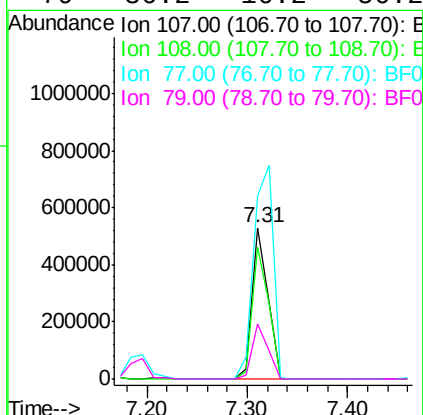
RT: 7.31 min Scan# 457

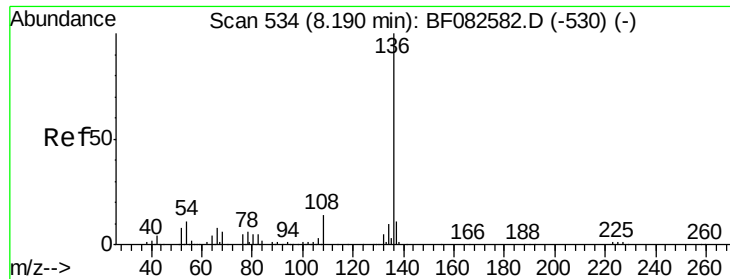
Delta R.T. 0.00 min

Lab File: BF082582.D

Acq: 30 Oct 2015 20:05

Tgt Ion	107	Resp	577025
Ion Ratio	Lower	Upper	
107	100		
108	87.3	67.3	107.3
77	120.3	100.3	140.3
79	36.2	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: BF082582.D

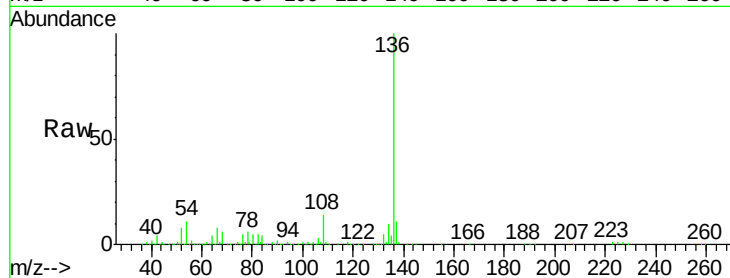
Acq: 30 Oct 2015 20:05

Instrument :

BNA_F

ClientSampleId :

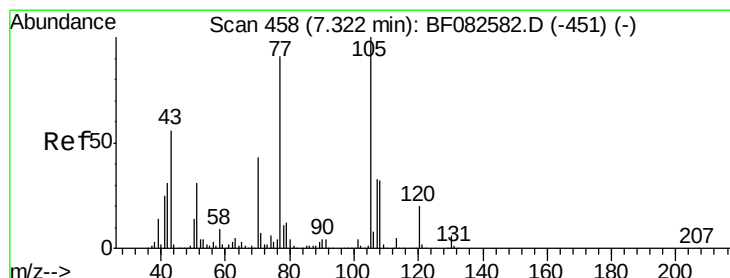
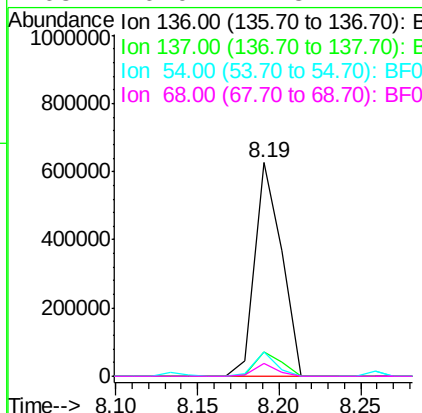
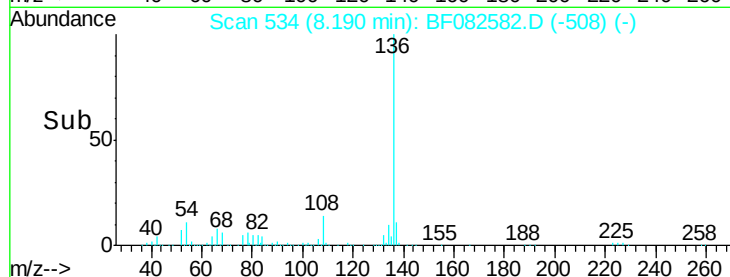
SSTDICCC040



Tot Ion	Ratio	Resp	Lower	Upper
136	100	713987		
137	11.4		9.1	13.7
54	11.4		9.1	13.7
68	6.0		4.8	7.2

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#22

Acetophenone

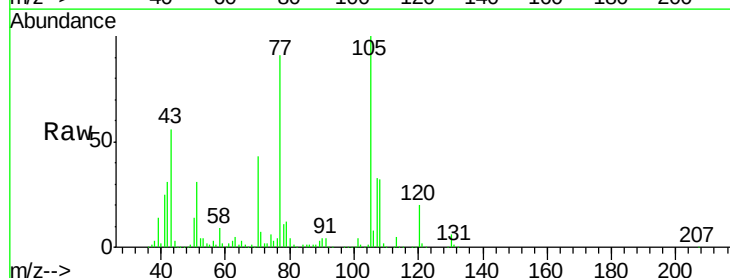
Concen: 55.26 ng

RT: 7.32 min Scan# 458

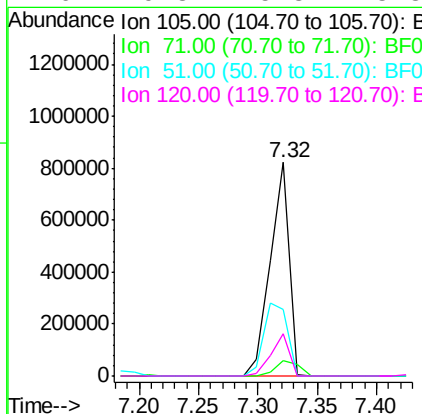
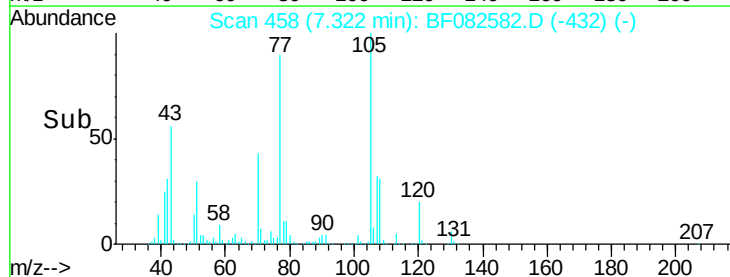
Delta R.T. 0.00 min

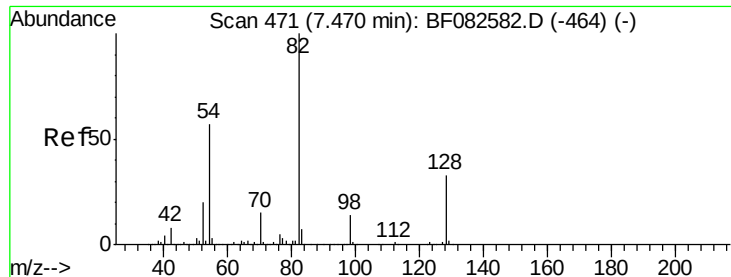
Lab File: BF082582.D

Acq: 30 Oct 2015 20:05



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	916571		
71	7.0		5.6	8.4
51	31.1		24.9	37.3
120	19.8		15.8	23.8





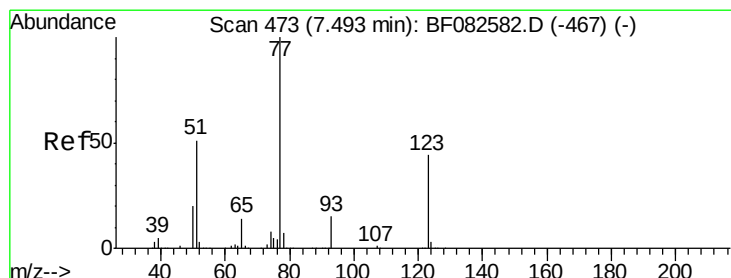
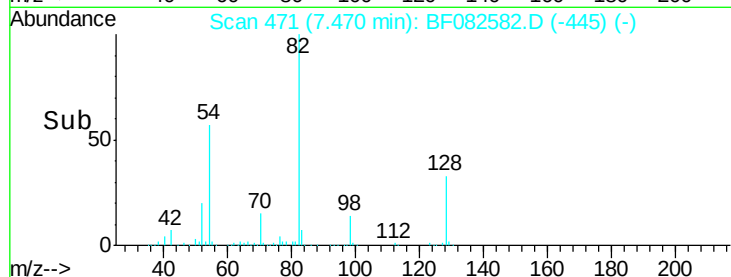
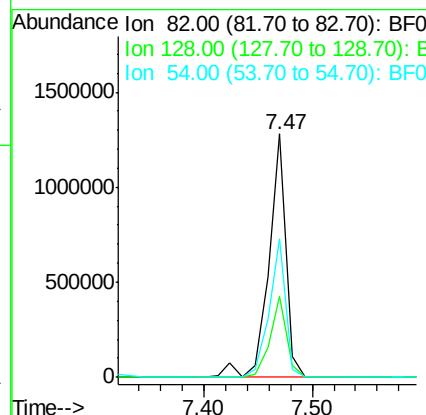
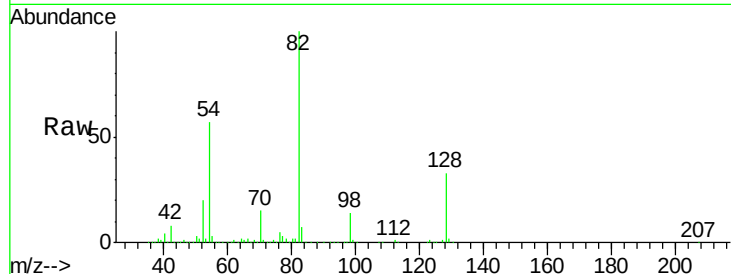
#23
 Nitrobenzene-d5
 Concen: 117.52 ng
 RT: 7.47 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF082582.D
 Acq: 30 Oct 2015 20:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

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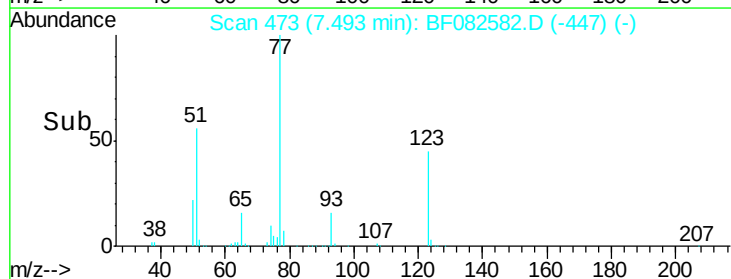
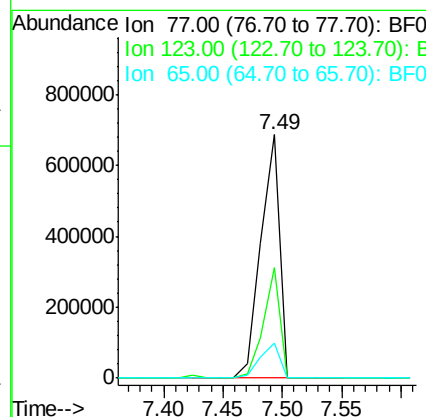
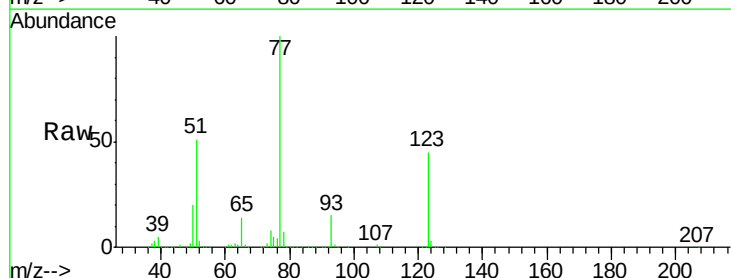
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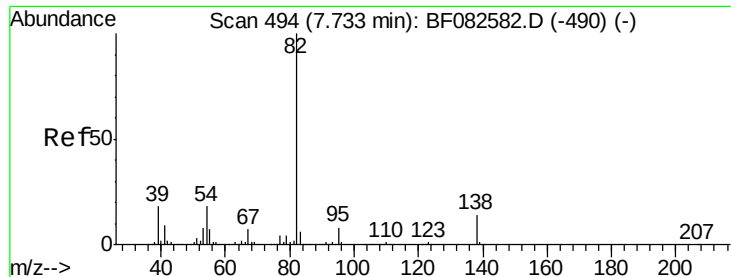
Tot Ion	Ratio	Lower	Upper
82	100		
128	33.5	26.8	40.2
54	57.1	45.7	68.5



#24
 Nitrobenzene
 Concen: 57.65 ng
 RT: 7.49 min Scan# 473
 Delta R.T. 0.00 min
 Lab File: BF082582.D
 Acq: 30 Oct 2015 20:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.5	36.4	54.6
65	14.4	11.5	17.3





#25

Isophorone

Concen: 54.44 ng

RT: 7.73 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF082582.D

Acq: 30 Oct 2015 20:05

Instrument :

BNA_F

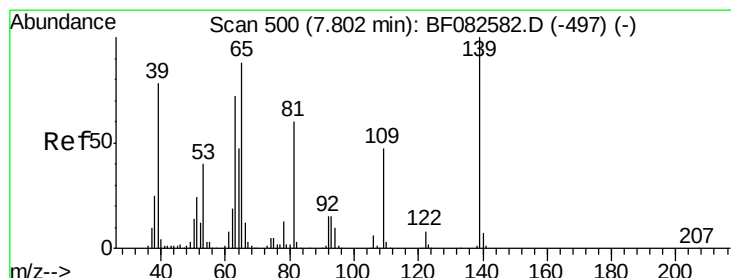
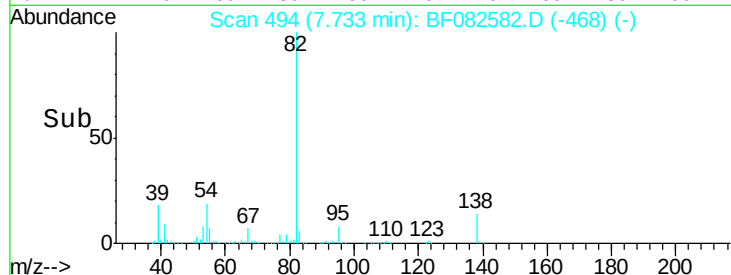
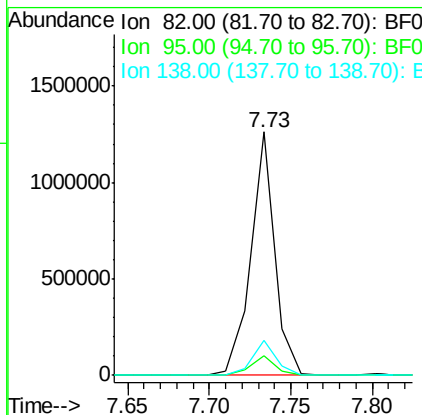
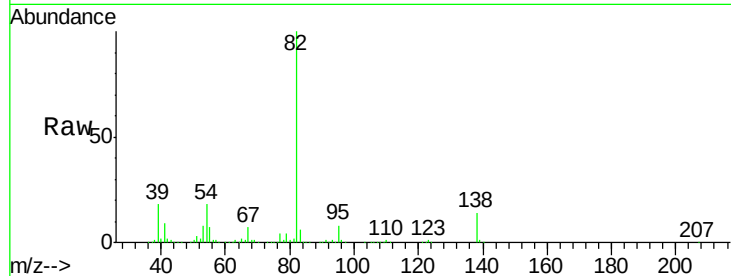
ClientSampleId :

SSTDICCC040

Tot Ion:	82	Resp:	1280361
Ion	Ratio	Lower	Upper
82	100		
95	8.2	6.6	9.8
138	14.2	11.4	17.0

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#26

2-Nitrophenol

Concen: 42.61 ng

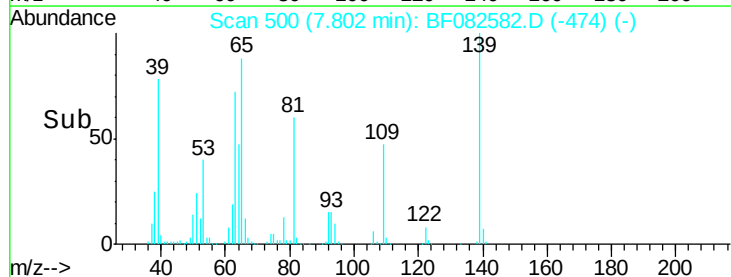
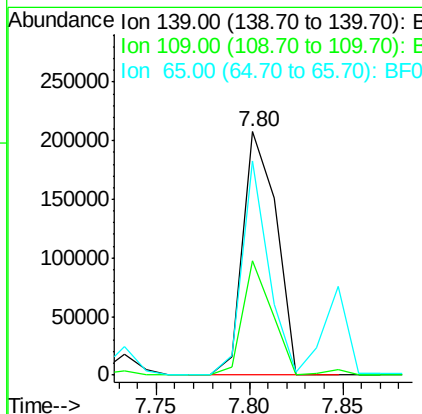
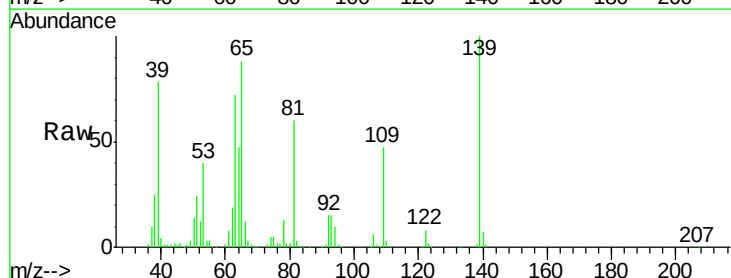
RT: 7.80 min Scan# 500

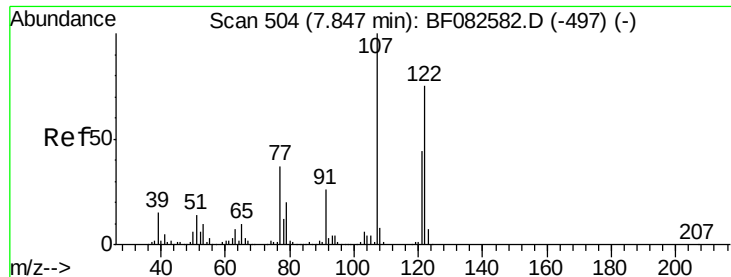
Delta R.T. 0.00 min

Lab File: BF082582.D

Acq: 30 Oct 2015 20:05

Tgt Ion:	139	Resp:	257550
Ion	Ratio	Lower	Upper
139	100		
109	47.0	37.6	56.4
65	88.2	70.6	105.8





#27

2,4-Dimethylphenol

Concen: 51.07 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF082582.D

Acq: 30 Oct 2015 20:05

Instrument :

BNA_F

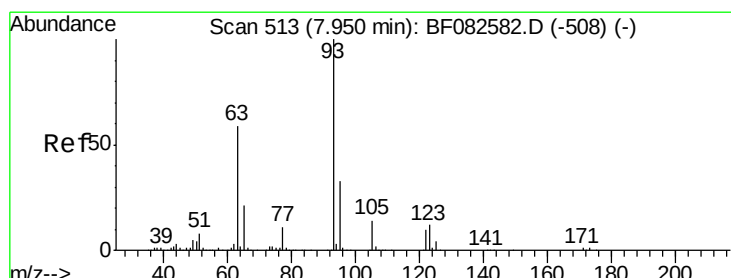
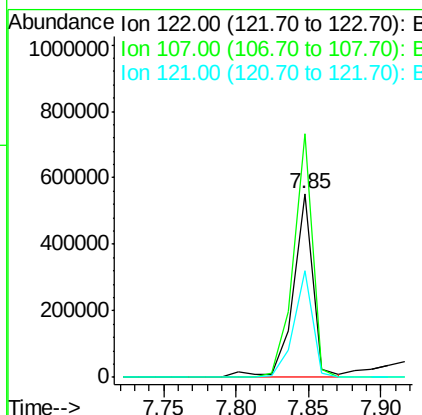
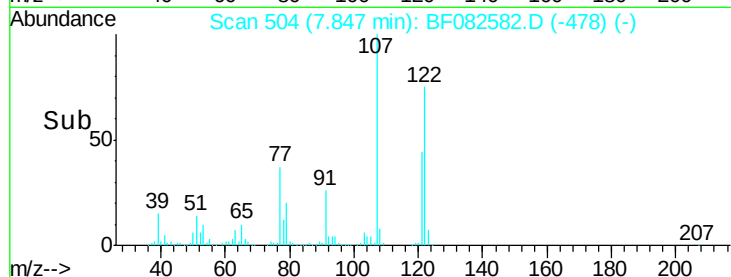
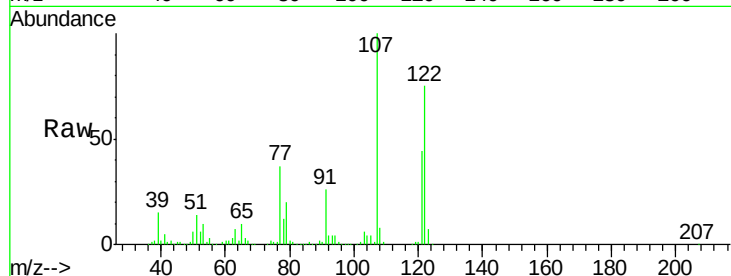
ClientSampleId :

SSTDICCC040

Tot Ion:	122	Resp:	522548
Ion Ratio	Lower	Upper	
122	100		
107	132.5	106.0	159.0
121	58.4	46.7	70.1

Manual Integrations
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11/2/2015 4:31:59 PM



#28

bis(2-Chloroethoxy)methane

Concen: 51.41 ng

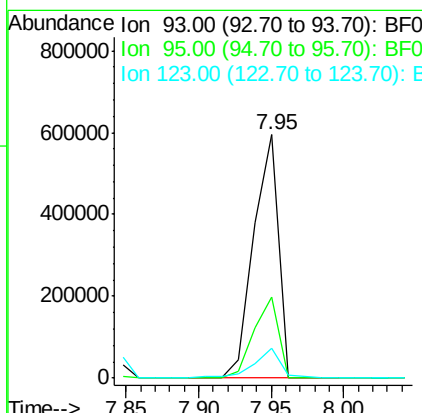
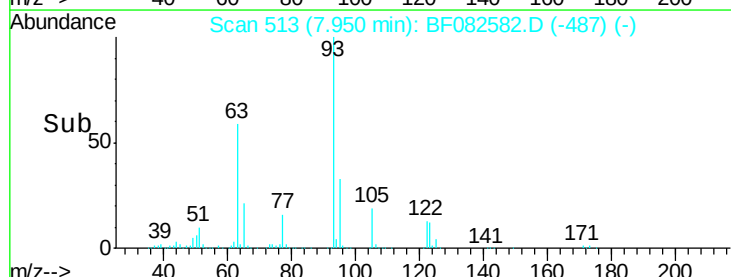
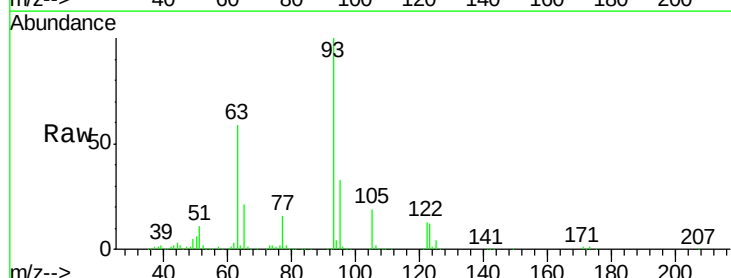
RT: 7.95 min Scan# 513

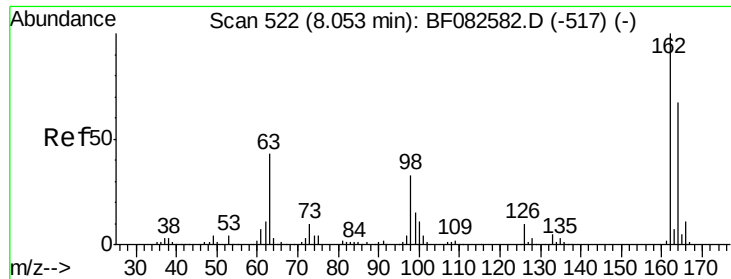
Delta R.T. 0.00 min

Lab File: BF082582.D

Acq: 30 Oct 2015 20:05

Tgt Ion:	93	Resp:	701599
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.6	40.0
123	12.1	9.7	14.5





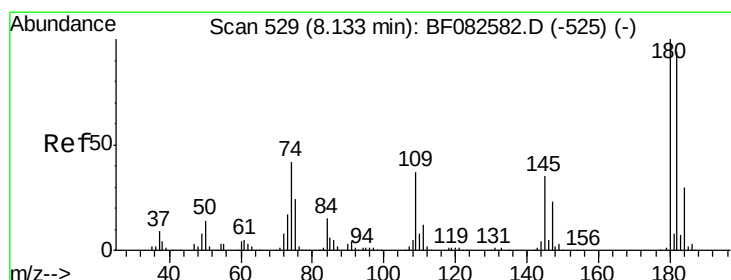
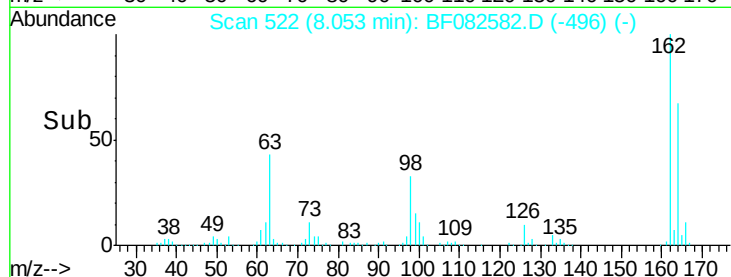
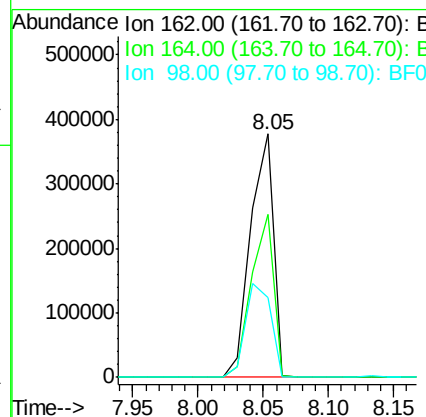
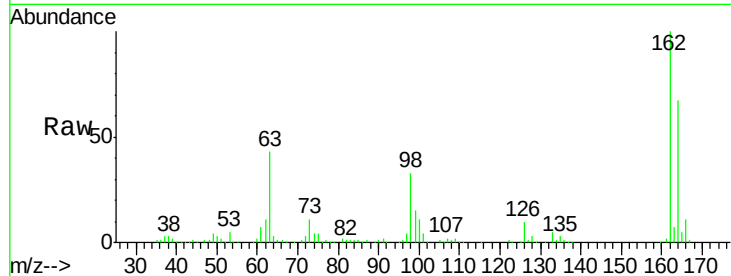
#29
 2,4-Dichlorophenol
 Concen: 46.55 ng
 RT: 8.05 min Scan# 522
 Delta R.T. 0.00 min
 Lab File: BF082582.D
 Acq: 30 Oct 2015 20:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	66.8	46.8	86.8
98	32.5	12.5	52.5

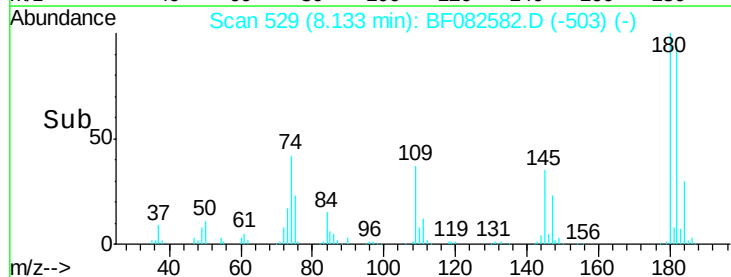
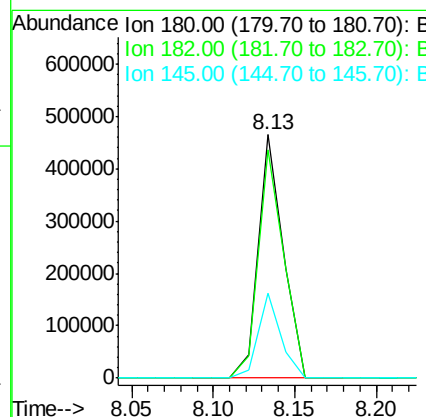
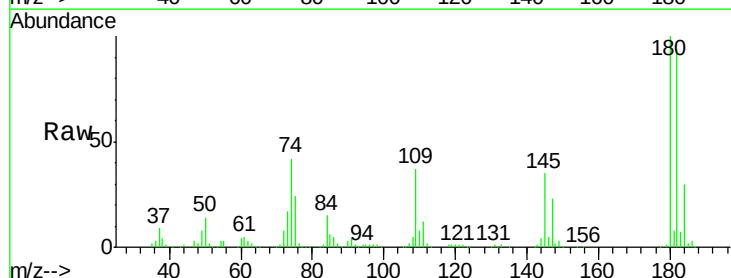
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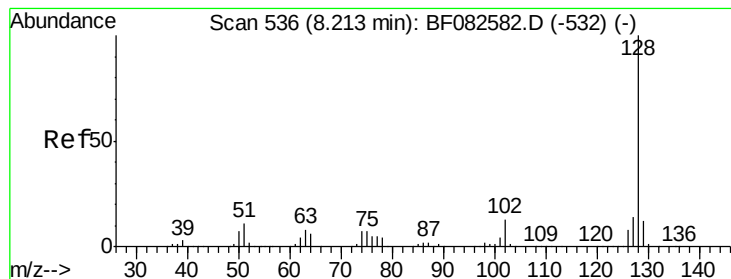
Mmdadoda
 11/2/2015 4:31:59 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 44.12 ng
 RT: 8.13 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BF082582.D
 Acq: 30 Oct 2015 20:05

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.6	74.9	112.3
145	34.8	27.8	41.8





#31

Naphthalene

Concen: 42.98 ng

RT: 8.21 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF082582.D

Acq: 30 Oct 2015 20:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:128 Resp: 1436505

Ion Ratio Lower Upper

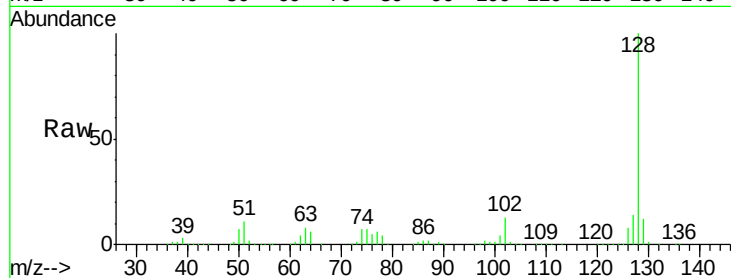
128 100

129 11.9 9.5 14.3

127 14.2 11.4 17.0

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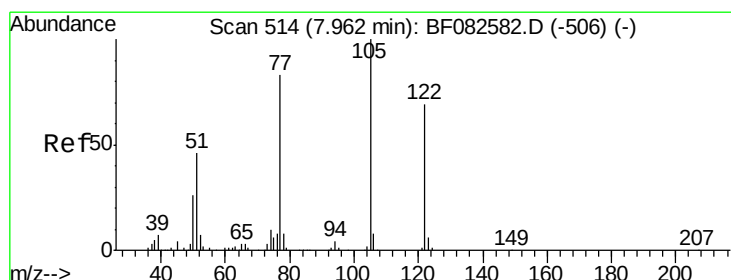
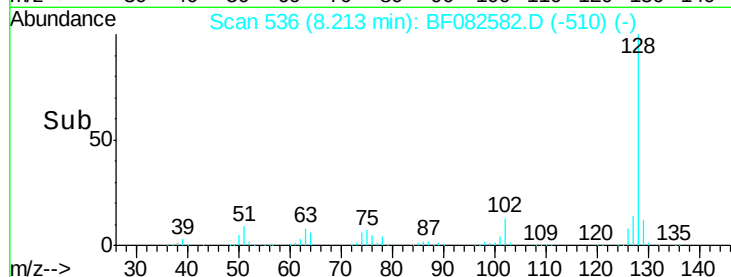
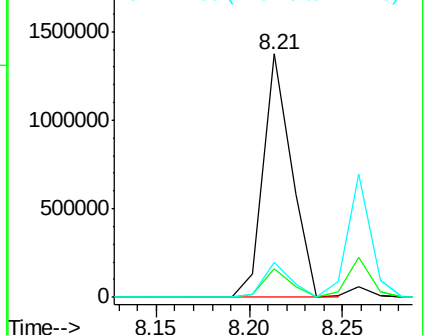
Mmdadoda
11/2/2015 4:31:59 PM



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: 63.08 ng

RT: 7.96 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF082582.D

Acq: 30 Oct 2015 20:05

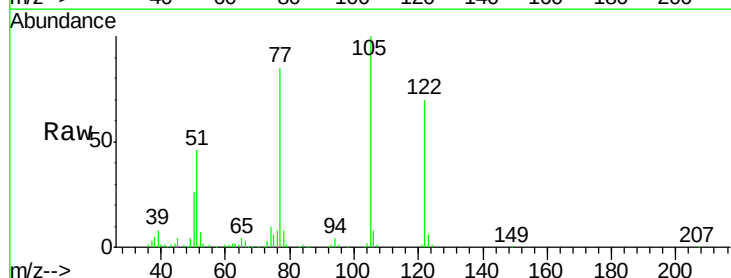
Tgt Ion:122 Resp: 384939

Ion Ratio Lower Upper

122 100

105 142.6 122.6 162.6

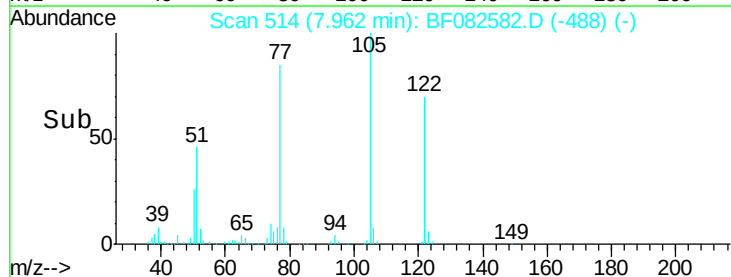
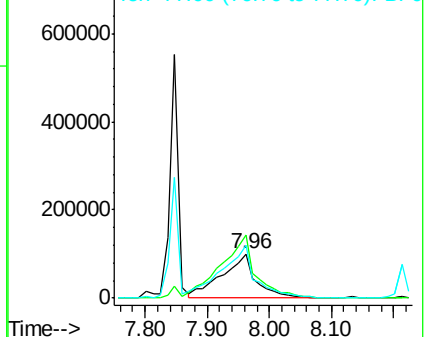
77 120.9 100.9 140.9

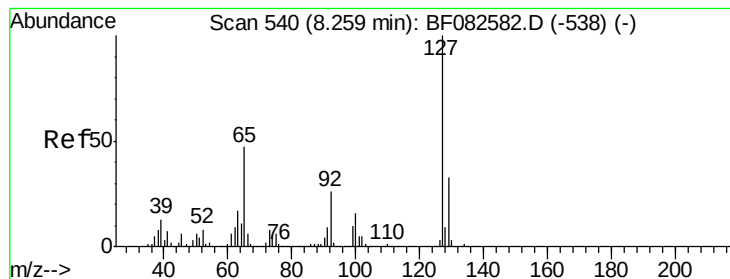


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 46.87 ng

RT: 8.26 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF082582.D

Acq: 30 Oct 2015 20:05

Instrument :

BNA_F

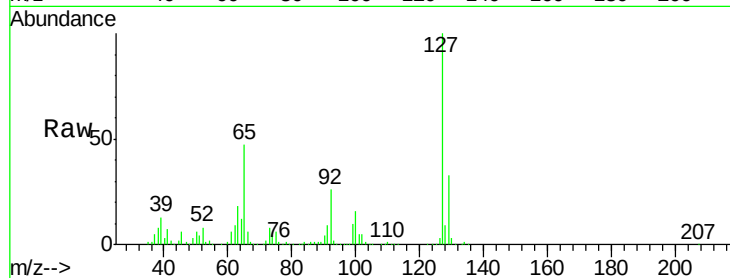
ClientSampleId :

SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		606781		
129	32.9	26.3	39.5		
65	47.3	37.8	56.8		
92	25.8	20.6	31.0		

Manual Integrations
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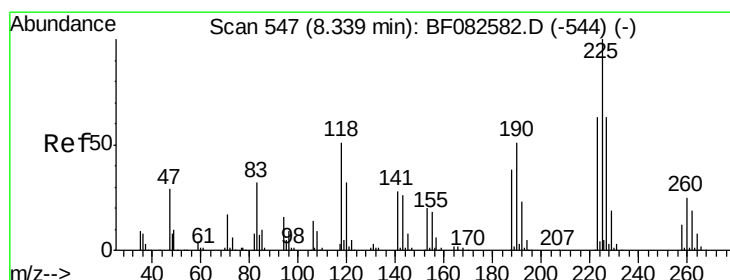
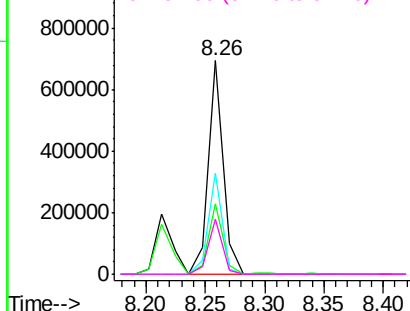
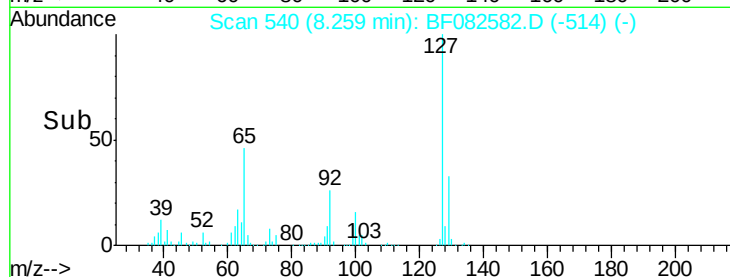


Abundance Ion 127.00 (126.70 to 127.70): E

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: 48.73 ng

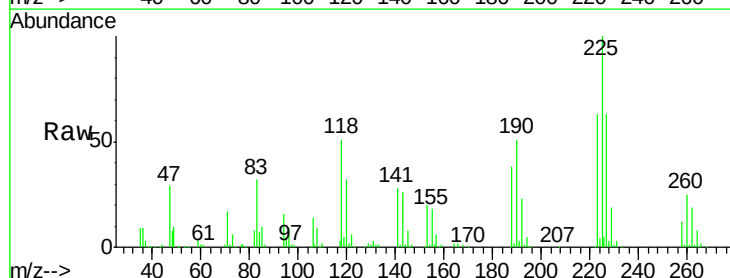
RT: 8.34 min Scan# 547

Delta R.T. 0.00 min

Lab File: BF082582.D

Acq: 30 Oct 2015 20:05

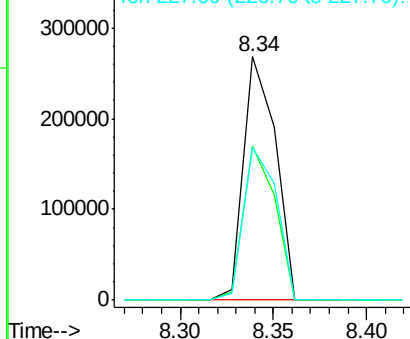
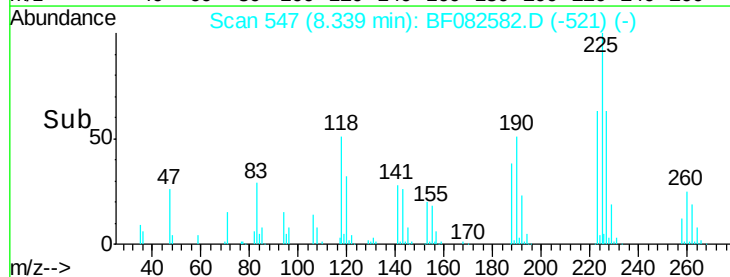
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		323295		
223	63.1	50.5	75.7		
227	62.7	50.2	75.2		

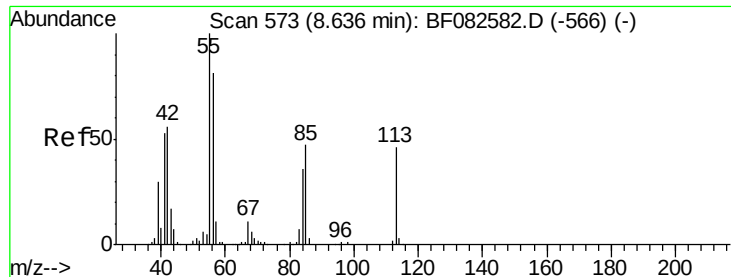


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 49.23 ng

RT: 8.64 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF082582.D

Acq: 30 Oct 2015 20:05

Instrument :

BNA_F

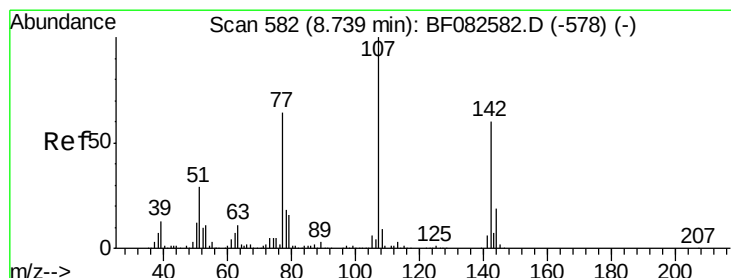
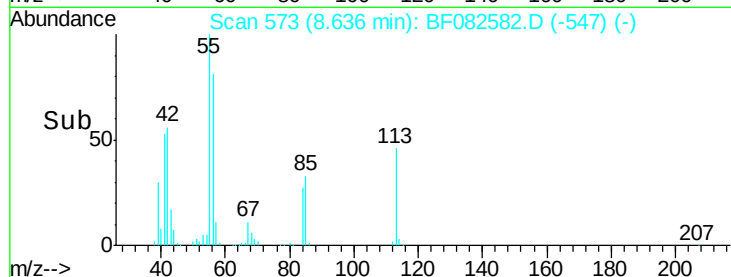
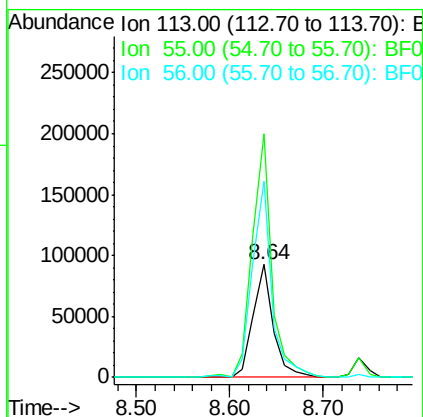
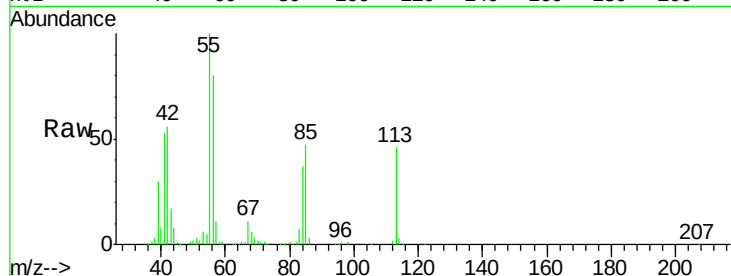
ClientSampleId :

SSTDICCC040

Tot Ion:	113	Resp:	138946
Ion Ratio	Lower	Upper	
113	100		
55	215.5	195.5	235.5
56	173.5	153.5	193.5

Manual Integrations
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11/2/2015 4:31:59 PM



#36

4-Chloro-3-methylphenol

Concen: 51.63 ng

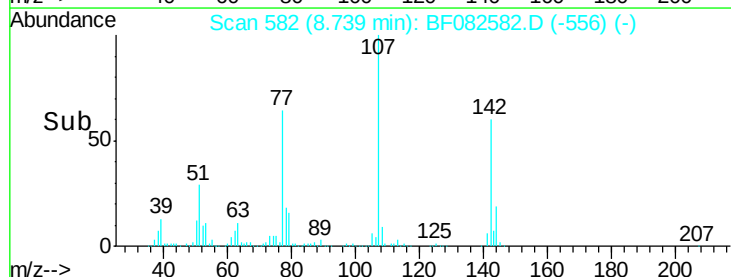
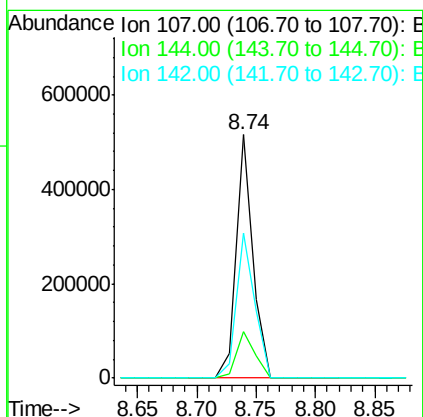
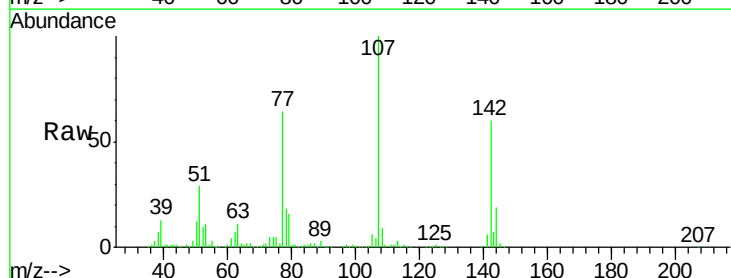
RT: 8.74 min Scan# 582

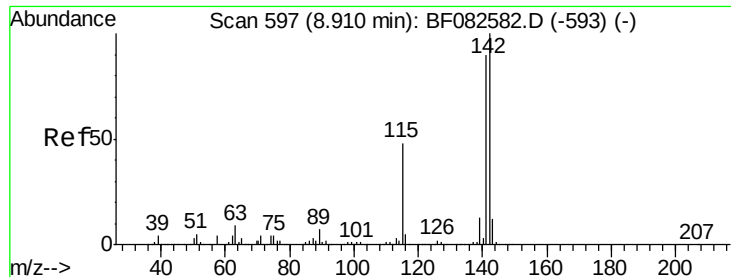
Delta R.T. 0.00 min

Lab File: BF082582.D

Acq: 30 Oct 2015 20:05

Tgt Ion:	107	Resp:	507528
Ion Ratio	Lower	Upper	
107	100		
144	19.2	15.4	23.0
142	59.8	47.8	71.8





#37

2-Methylnaphthalene

Concen: 47.28 ng

RT: 8.91 min Scan# 597

Delta R.T. 0.00 min

Lab File: BF082582.D

Acq: 30 Oct 2015 20:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:142 Resp: 1079499

Ion Ratio Lower Upper

142 100

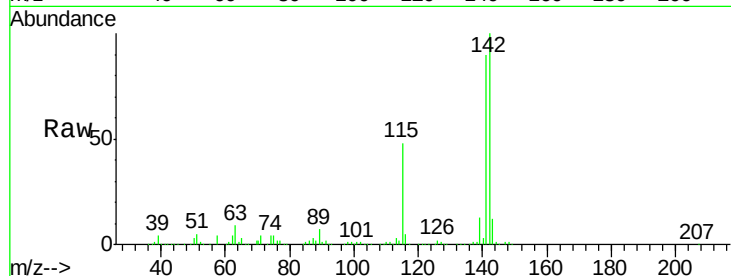
141 90.4 72.3 108.5

115 47.6 38.1 57.1

Manual Integrations
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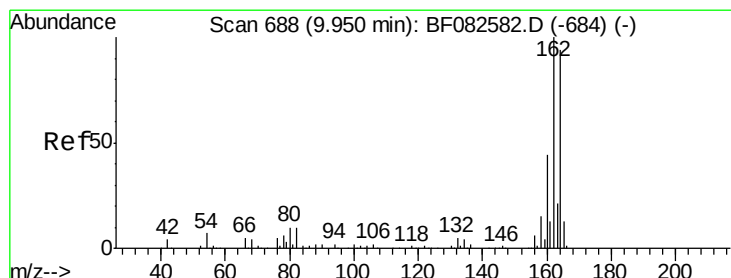
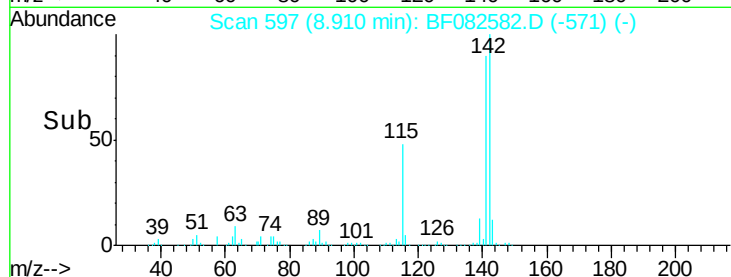
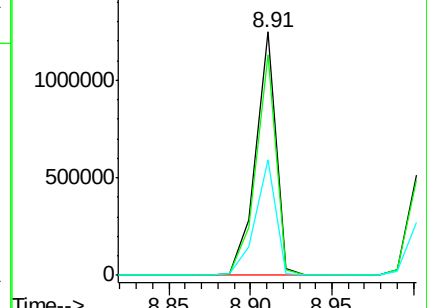
11/2/2015 4:31:59 PM



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: BF082582.D

Acq: 30 Oct 2015 20:05

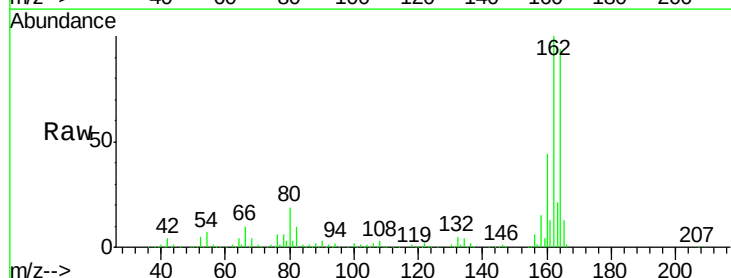
Tgt Ion:164 Resp: 369505

Ion Ratio Lower Upper

164 100

162 106.1 84.9 127.3

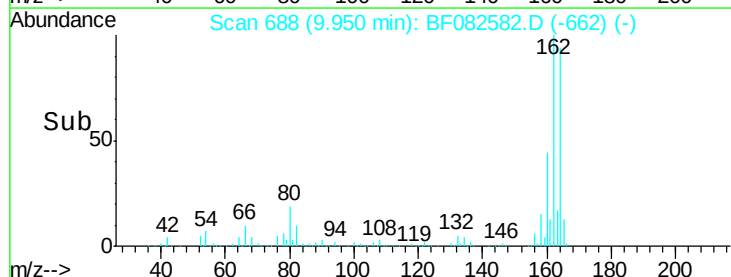
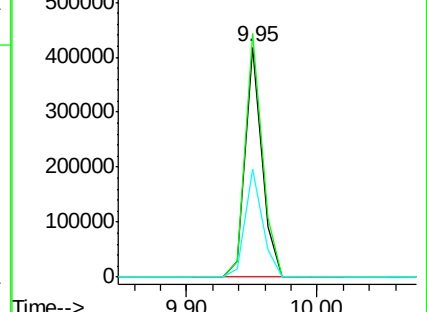
160 46.9 37.5 56.3

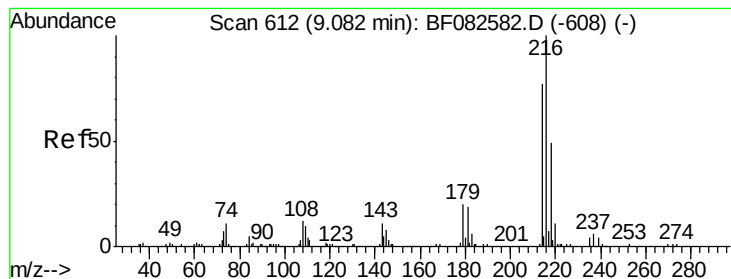


Abundance Ion 164.00 (163.70 to 164.70): E

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: 44.91 ng

RT: 9.08 min Scan# 612

Delta R.T. 0.00 min

Lab File: BF082582.D

Acq: 30 Oct 2015 20:05

Instrument :

BNA_F

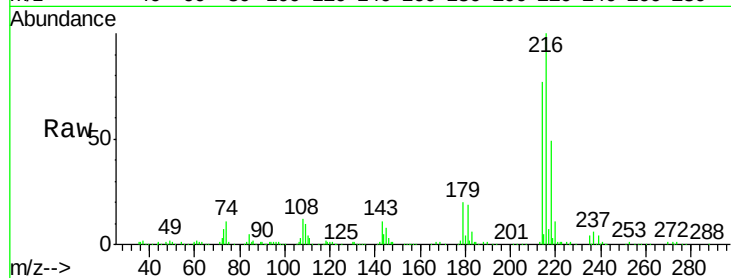
ClientSampleId :

SSTDICCC040

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		512771		
214	77.7	62.2	93.2		
179	22.6	18.1	27.1		
108	20.8	16.6	25.0		

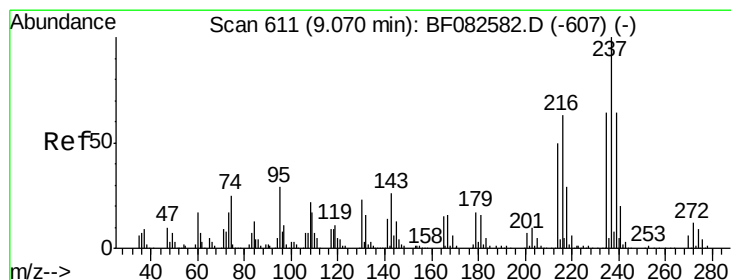
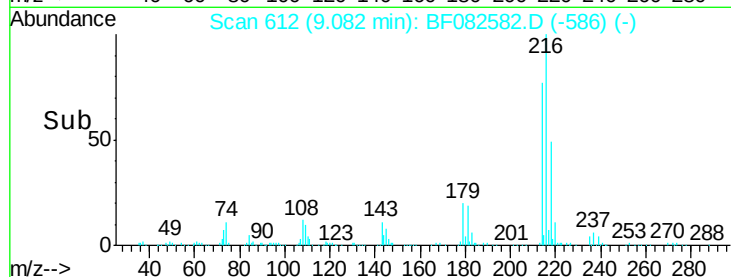
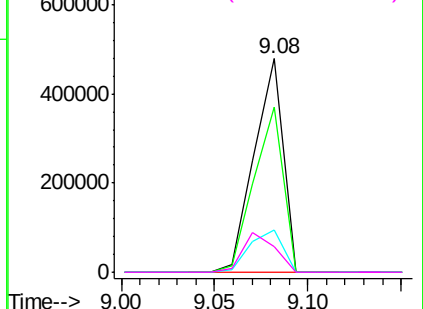


Abundance Ion 216.00 (215.70 to 216.70): E

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: 104.68 ng

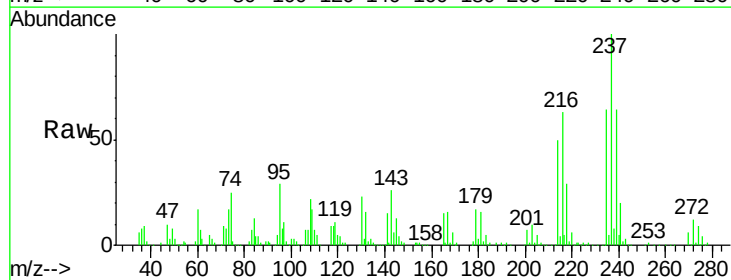
RT: 9.07 min Scan# 611

Delta R.T. 0.00 min

Lab File: BF082582.D

Acq: 30 Oct 2015 20:05

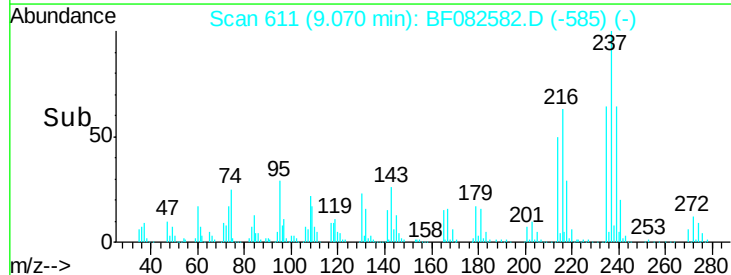
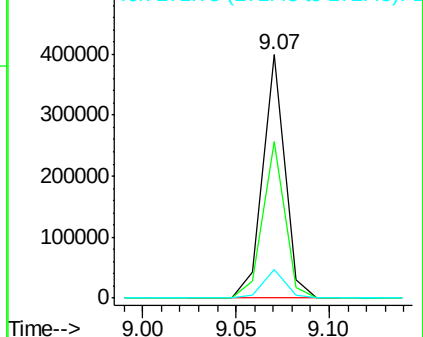
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		323185		
235	64.3	44.3	84.3		
272	11.9	0.0	31.9		

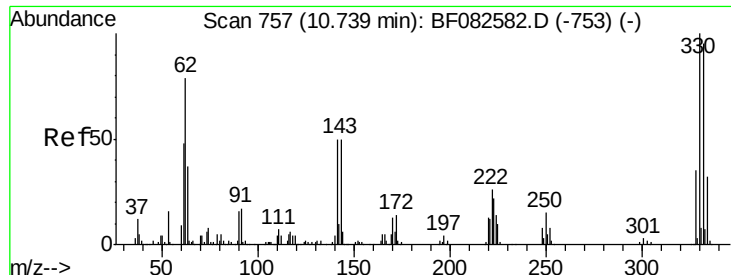


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





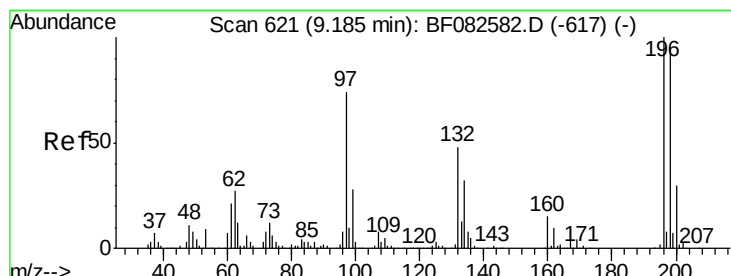
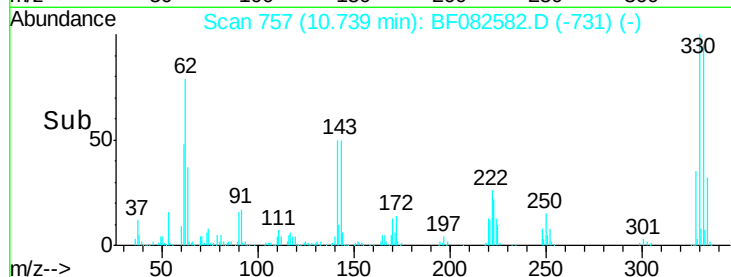
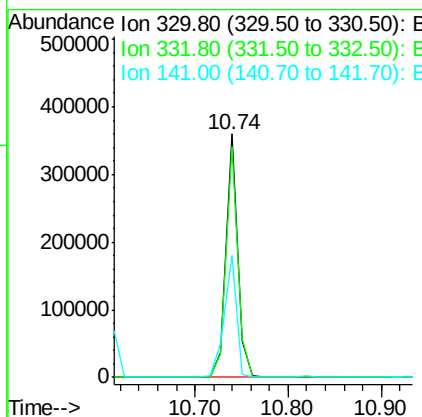
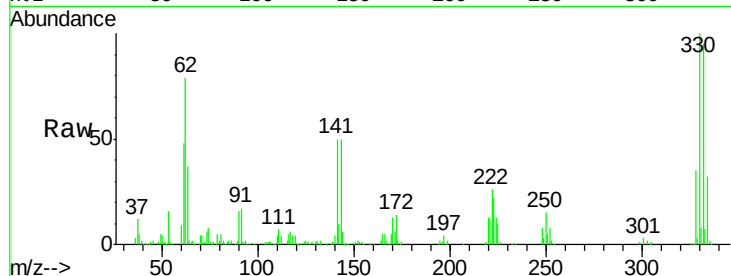
#41
 2,4,6-Tribromophenol
 Concen: 107.00 ng
 RT: 10.74 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF082582.D
 Acq: 30 Oct 2015 20:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	312882		
332	95.7	76.6	114.8	
141	51.5	41.2	61.8	

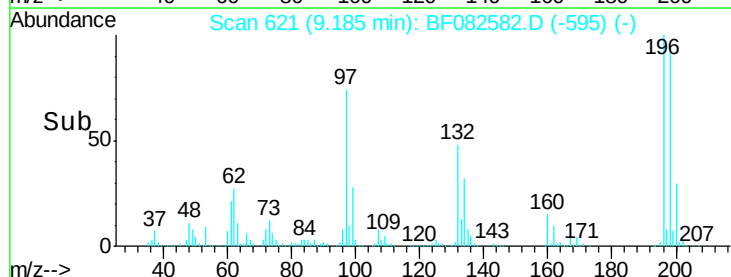
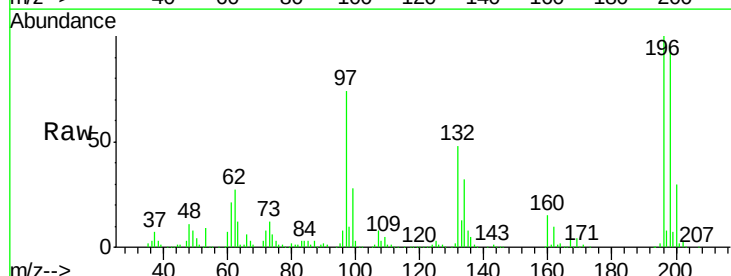
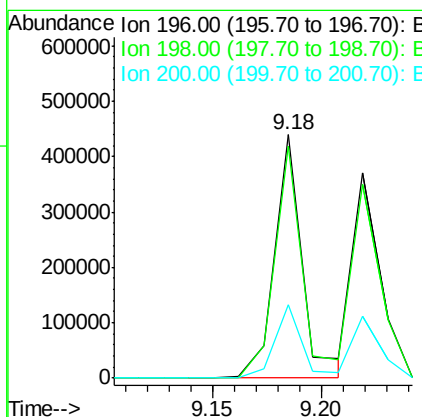
Manual Integrations
 APPROVED

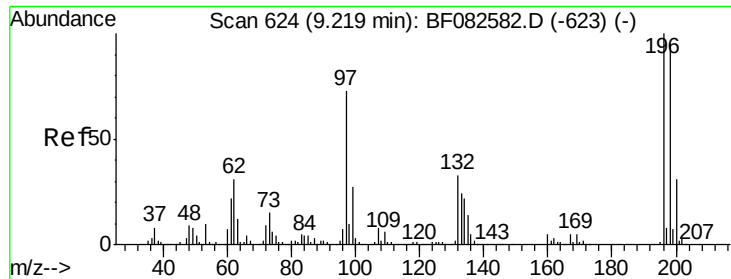
Mmdadoda
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#42
 2,4,6-Trichlorophenol
 Concen: 53.75 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF082582.D
 Acq: 30 Oct 2015 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	394753		
198	95.4	76.3	114.5	
200	29.9	23.9	35.9	





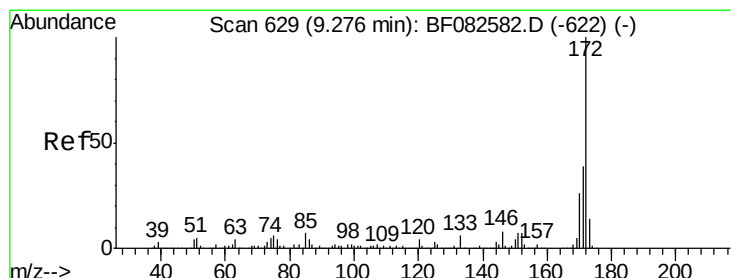
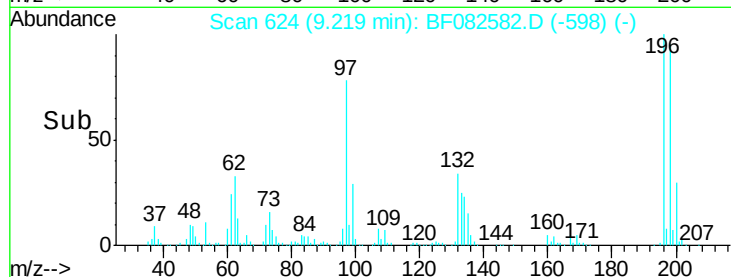
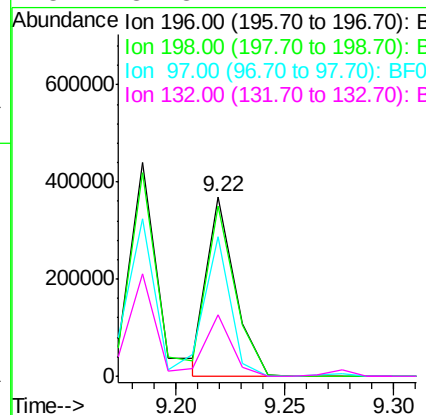
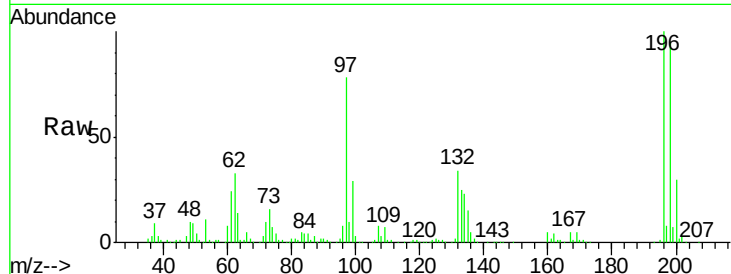
#43
 2,4,5-Trichlorophenol
 Concen: 44.62 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082582.D
 Acq: 30 Oct 2015 20:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:	196	Resp:	328890
Ion Ratio	Lower	Upper	
196	100		
198	94.8	75.8	113.8
97	77.9	62.3	93.5
132	34.3	27.4	41.2

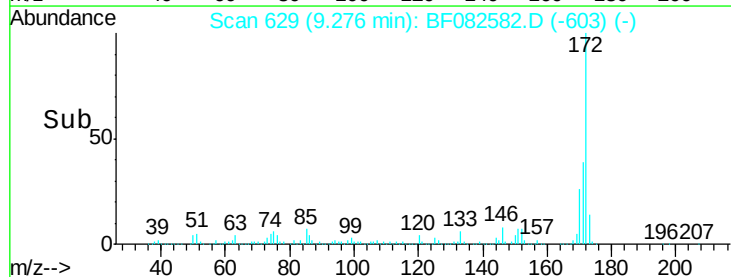
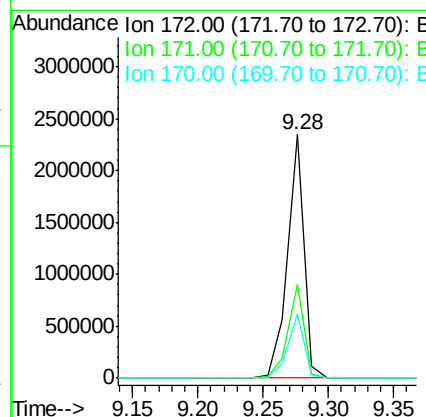
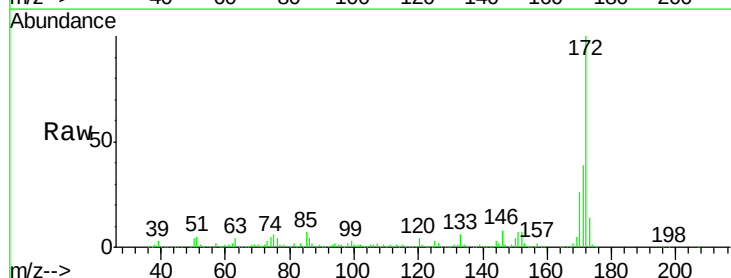
Manual Integrations
 APPROVED

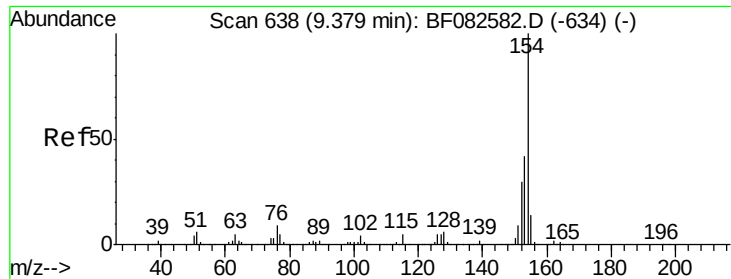
Mmdadoda
 11/2/2015 4:31:59 PM



#44
 2-Fluorobiphenyl
 Concen: 87.60 ng
 RT: 9.28 min Scan# 629
 Delta R.T. 0.00 min
 Lab File: BF082582.D
 Acq: 30 Oct 2015 20:05

Tgt Ion:	172	Resp:	2090675
Ion Ratio	Lower	Upper	
172	100		
171	38.5	30.8	46.2
170	26.5	21.2	31.8





#45

1,1'-Biphenyl

Concen: 48.63 ng

RT: 9.38 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF082582.D

Acq: 30 Oct 2015 20:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:154 Resp: 1371569

Ion Ratio Lower Upper

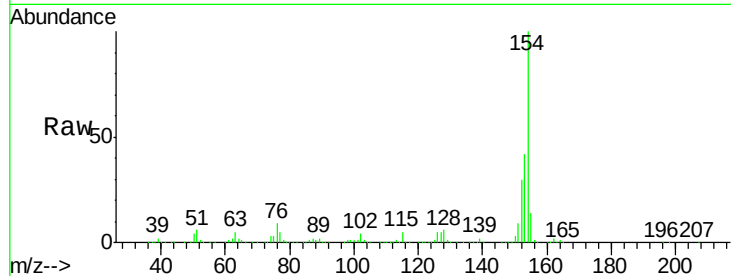
154 100

153 42.0 22.0 62.0

76 9.0 0.0 29.0

Manual Integrations
APPROVED

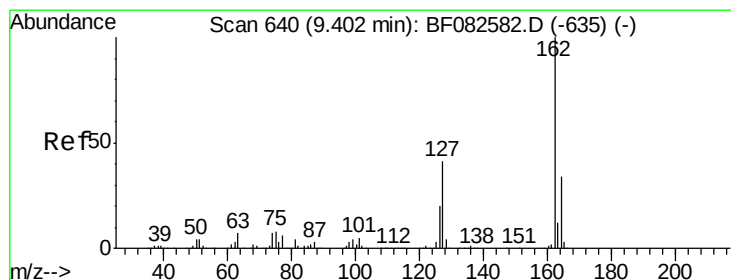
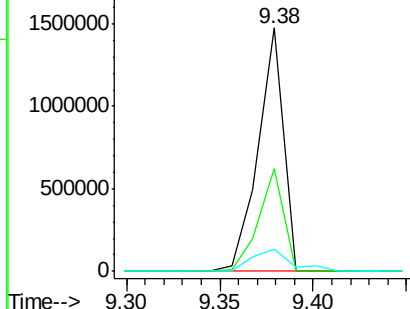
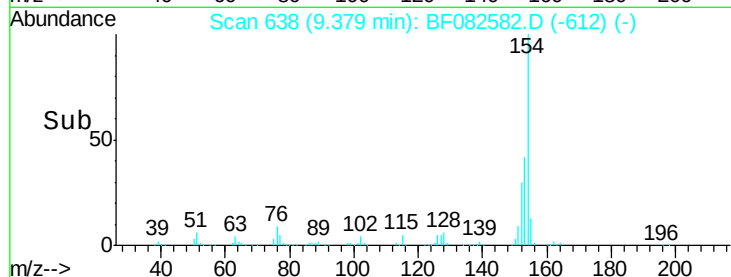
Mmdadoda
11/2/2015 4:31:59 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 46.76 ng

RT: 9.40 min Scan# 640

Delta R.T. 0.00 min

Lab File: BF082582.D

Acq: 30 Oct 2015 20:05

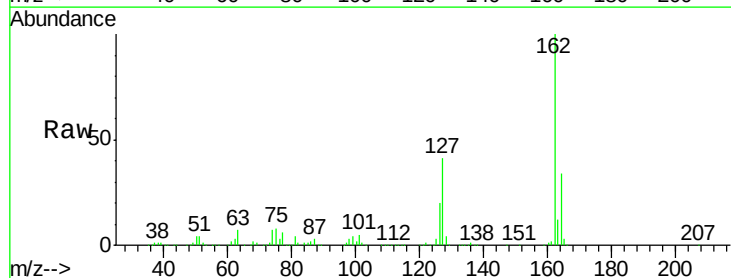
Tgt Ion:162 Resp: 1040004

Ion Ratio Lower Upper

162 100

127 40.9 32.7 49.1

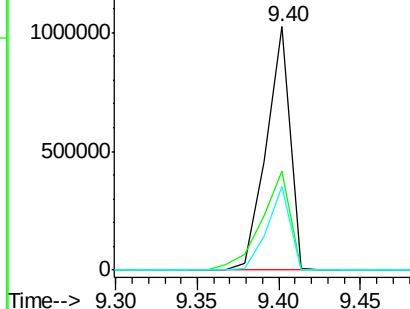
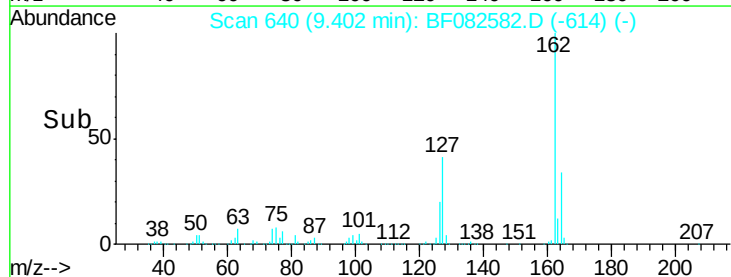
164 34.2 27.4 41.0

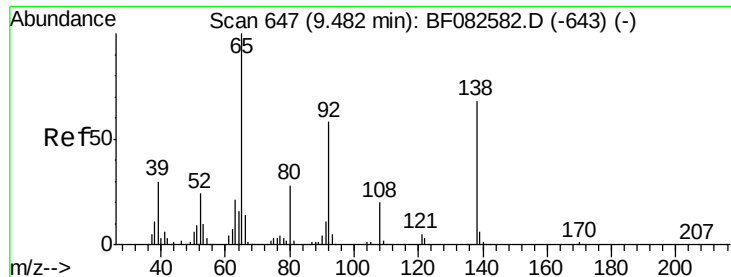


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 54.38 ng

RT: 9.48 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF082582.D

Acq: 30 Oct 2015 20:05

Instrument :

BNA_F

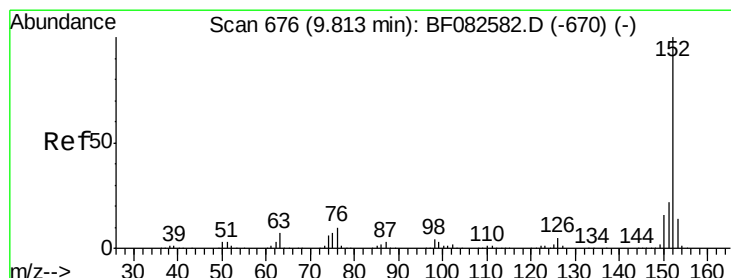
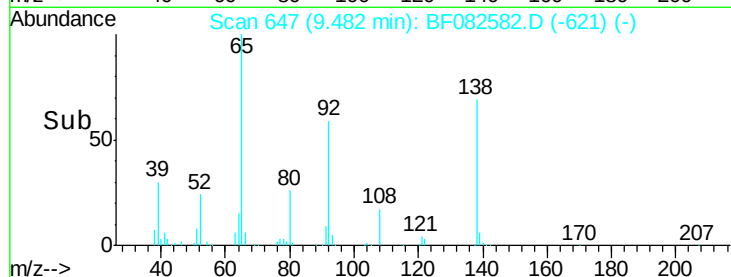
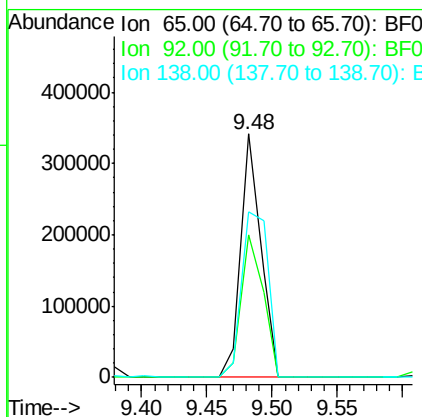
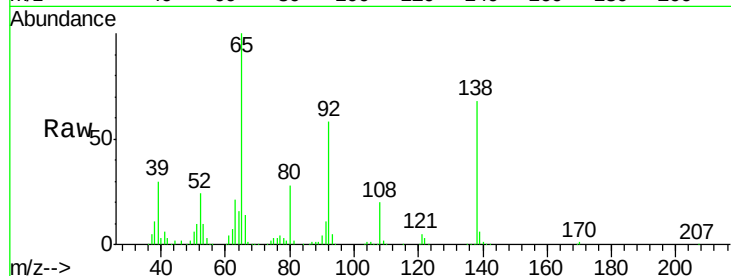
ClientSampleId :

SSTDICCC040

Tot Ion:	65	Resp:	365479
Ion Ratio	Lower	Upper	
65	100		
92	58.3	46.6	70.0
138	68.2	54.6	81.8

Manual Integrations
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#48

Acenaphthylene

Concen: 44.29 ng

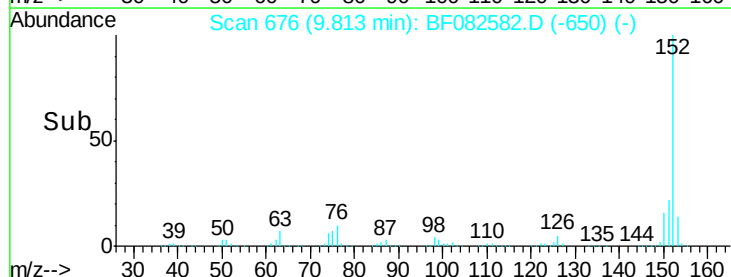
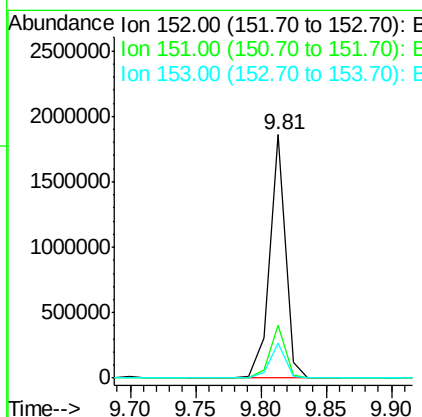
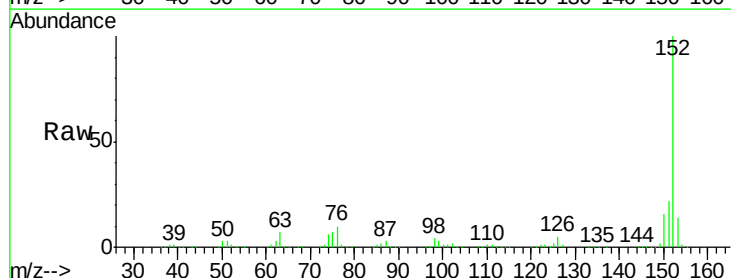
RT: 9.81 min Scan# 676

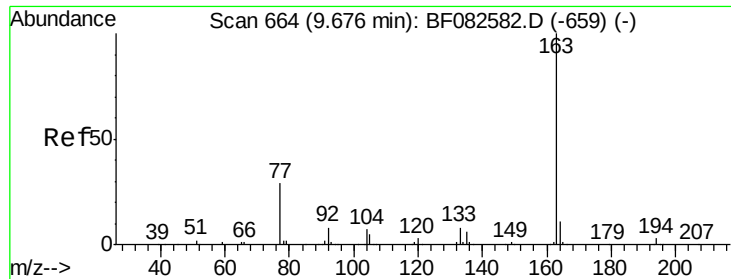
Delta R.T. 0.00 min

Lab File: BF082582.D

Acq: 30 Oct 2015 20:05

Tgt Ion:	152	Resp:	1577886
Ion Ratio	Lower	Upper	
152	100		
151	21.6	17.3	25.9
153	14.1	11.3	16.9





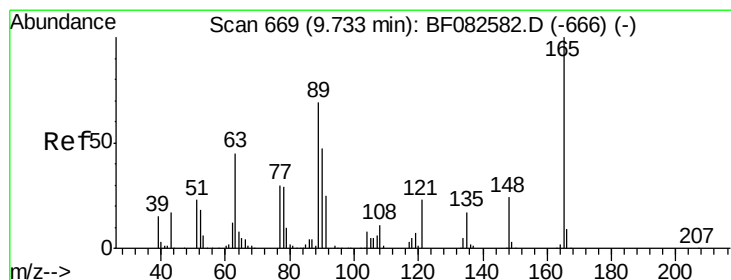
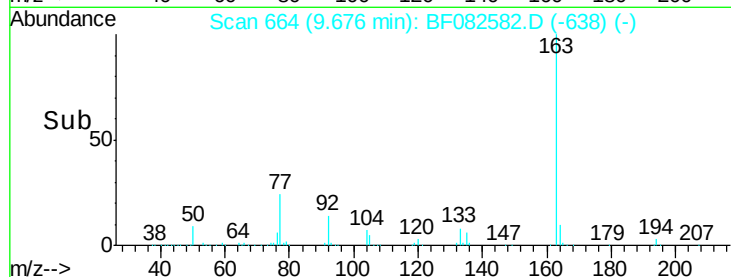
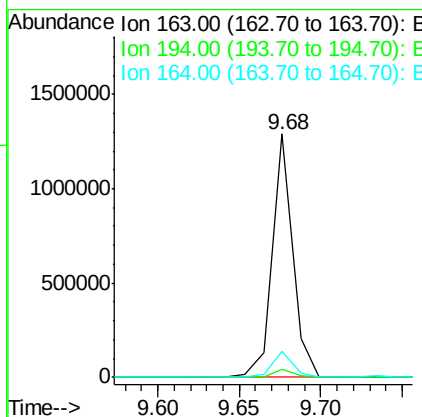
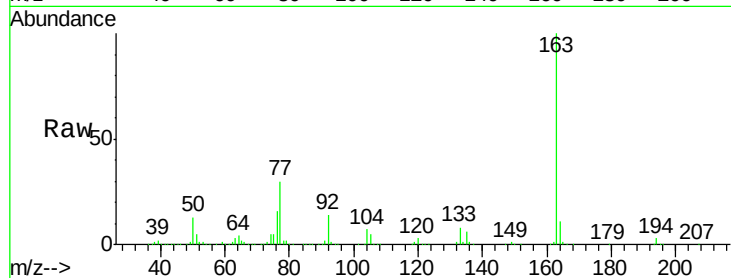
#49
Dimethylphthalate
Concen: 43.49 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF082582.D
Acq: 30 Oct 2015 20:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.9	8.7	13.1

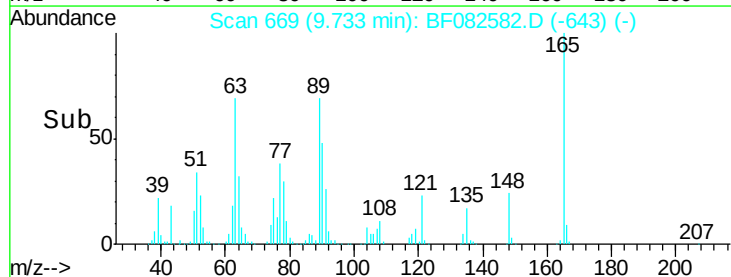
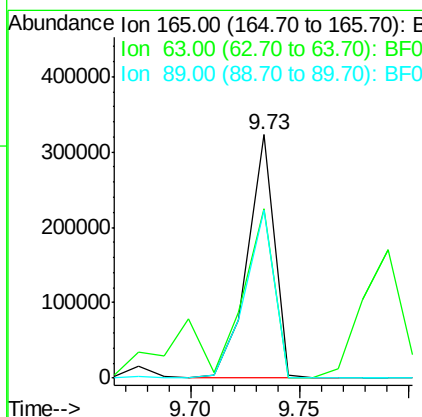
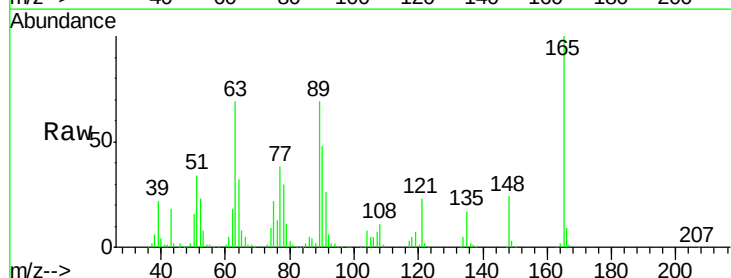
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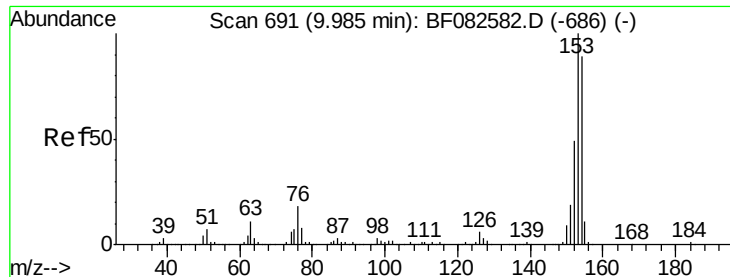
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#50
2,6-Dinitrotoluene
Concen: 48.51 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF082582.D
Acq: 30 Oct 2015 20:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	69.4	55.5	83.3
89	68.8	55.0	82.6





#51

Acenaphthene

Concen: 46.38 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF082582.D

Acq: 30 Oct 2015 20:05

Instrument :

BNA_F

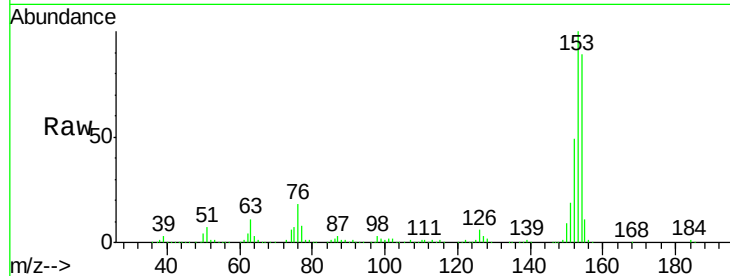
ClientSampleId :

SSTDICCC040

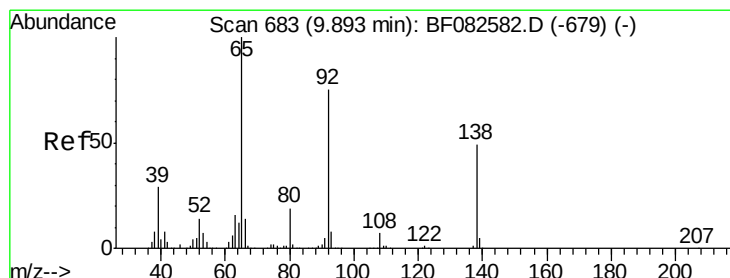
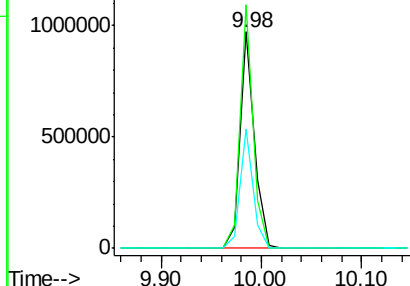
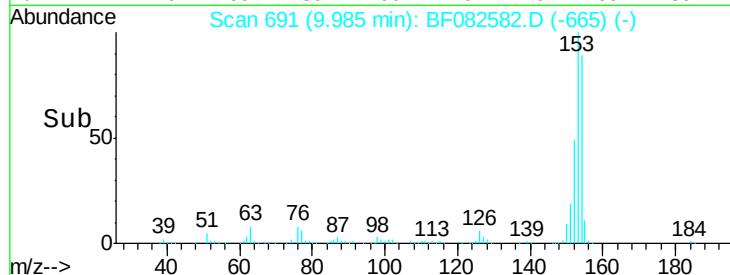
Tot Ion:	154	Resp:	954497
Ion Ratio	Lower	Upper	
154	100		
153	112.6	90.1	135.1
152	55.4	44.3	66.5

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 46.51 ng

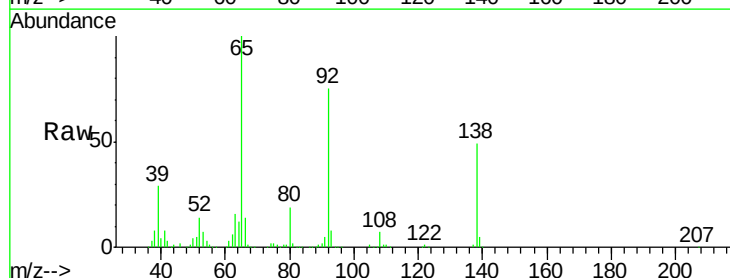
RT: 9.89 min Scan# 683

Delta R.T. 0.00 min

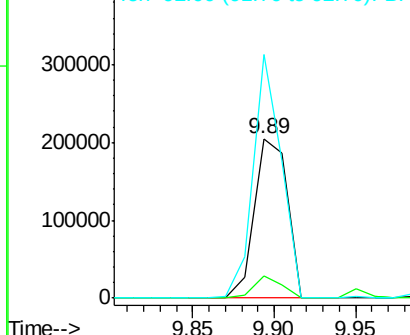
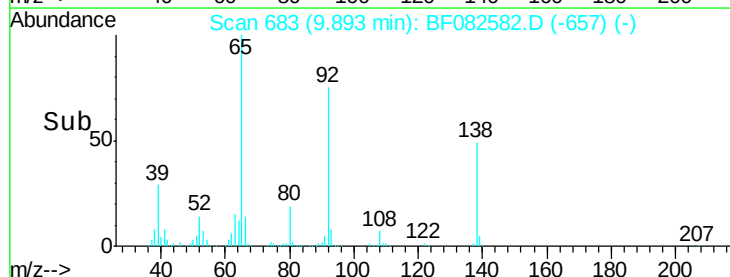
Lab File: BF082582.D

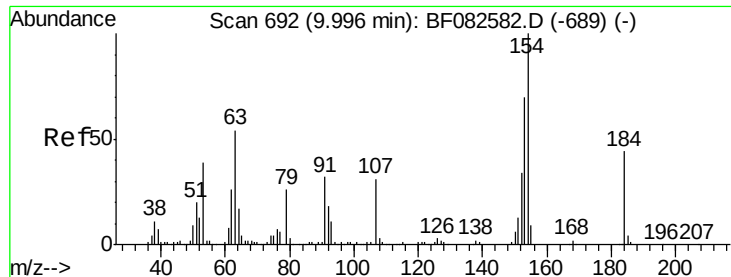
Acq: 30 Oct 2015 20:05

Tgt Ion:	138	Resp:	288130
Ion Ratio	Lower	Upper	
138	100		
108	14.1	11.3	16.9
92	153.0	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





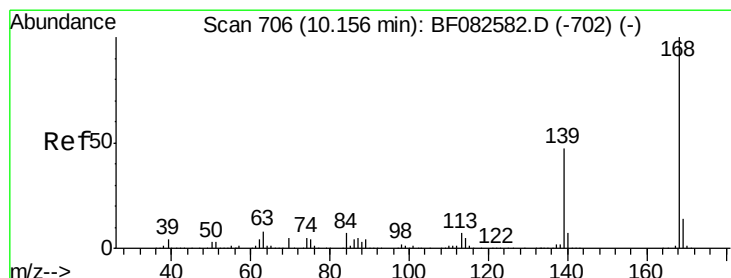
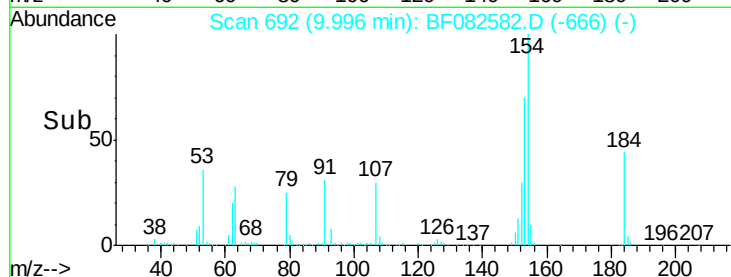
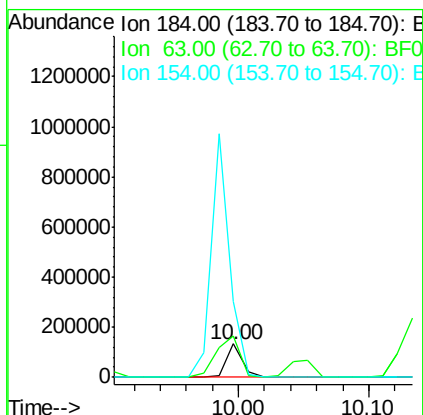
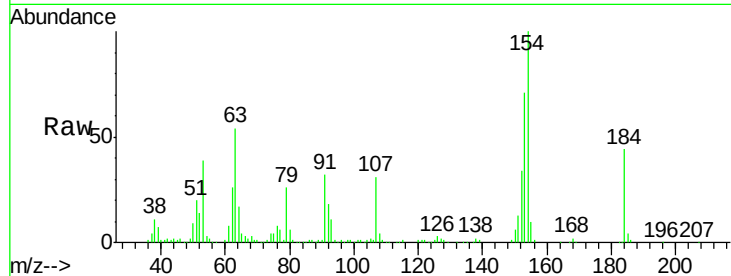
#53
2,4-Dinitrophenol
Concen: 50.83 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF082582.D
Acq: 30 Oct 2015 20:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100	110864		
63	123.3	98.6	148.0	
154	229.9	183.9	275.9	

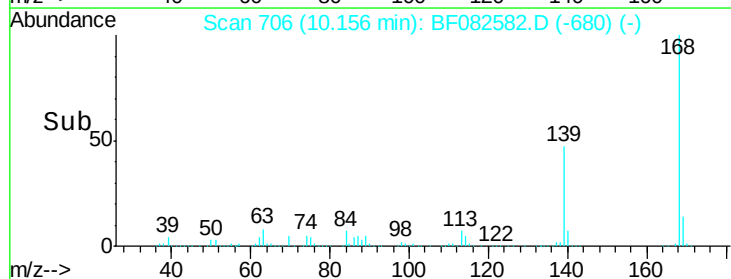
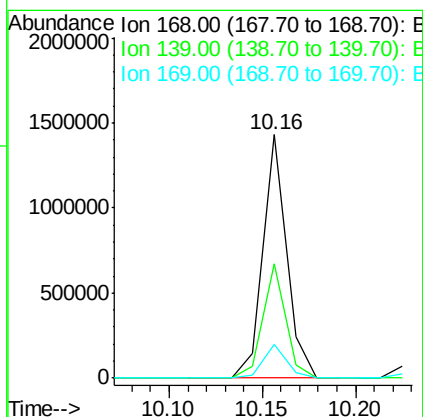
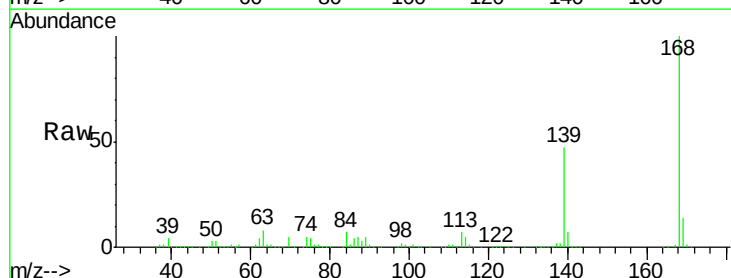
Manual Integrations
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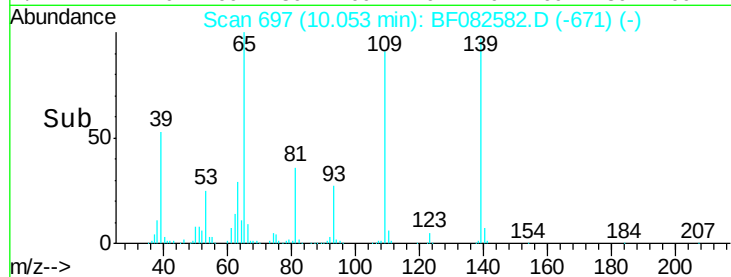
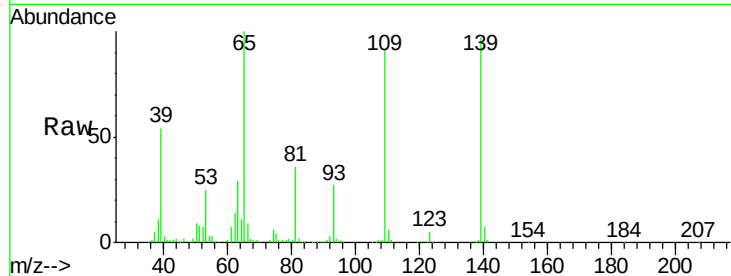
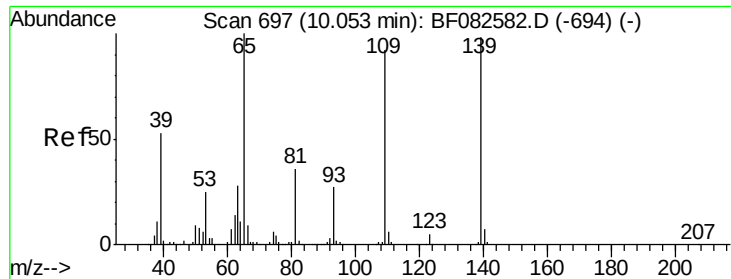
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11/2/2015 4:31:59 PM



#54
Dibenzofuran
Concen: 42.40 ng
RT: 10.16 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF082582.D
Acq: 30 Oct 2015 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1253405		
139	47.2	37.8	56.6	
169	14.1	11.3	16.9	





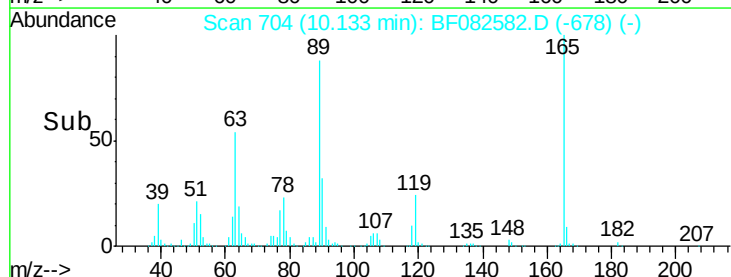
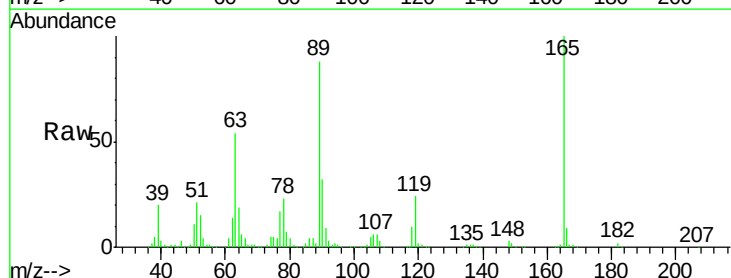
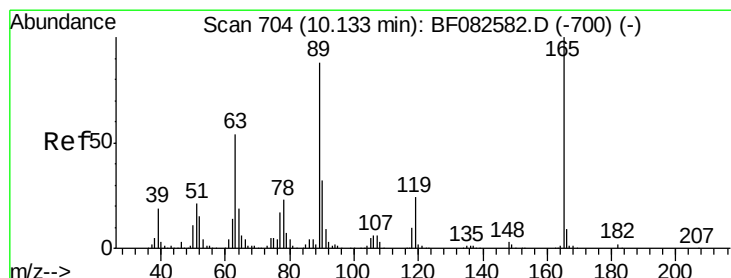
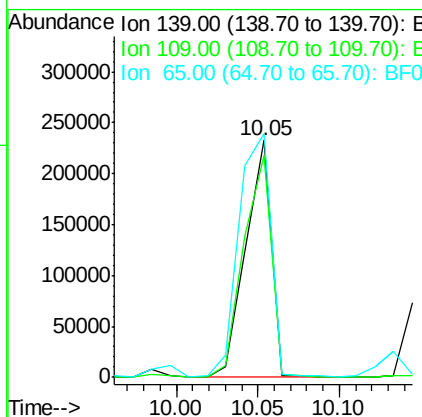
#55
4-Nitrophenol
Concen: 92.34 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF082582.D
Acq: 30 Oct 2015 20:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

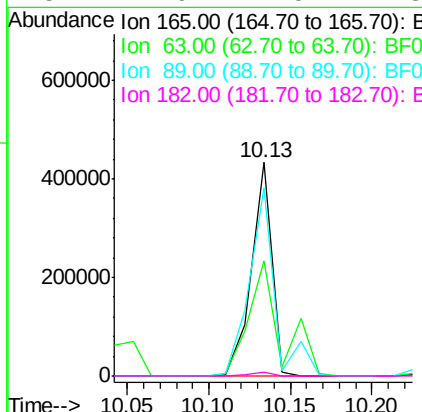
Mmdadoda
11/2/2015 4:31:59 PM

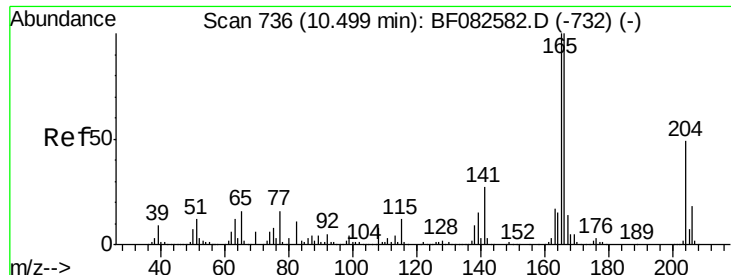
Tot Ion	Ratio	Resp	Lower	Upper
139	100	254419		
109	93.7	73.7	113.7	
65	102.9	82.9	122.9	



#56
2,4-Dinitrotoluene
Concen: 52.15 ng
RT: 10.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF082582.D
Acq: 30 Oct 2015 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	377227		
63	54.2	43.4	65.0	
89	88.3	70.6	106.0	
182	1.9	1.5	2.3	





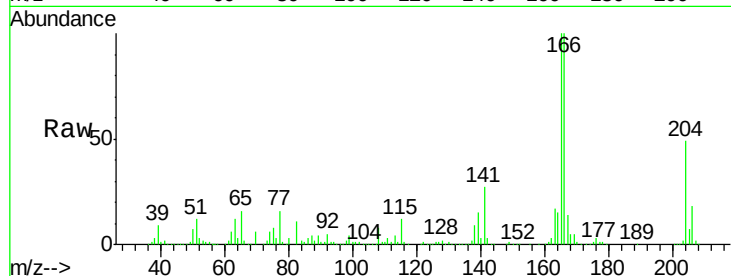
#57
 Fluorene
 Concen: 42.59 ng
 RT: 10.50 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BF082582.D
 Acq: 30 Oct 2015 20:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.3	80.2	120.4
167	14.0	11.2	16.8

Manual Integrations
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 11/2/2015 4:31:59 PM

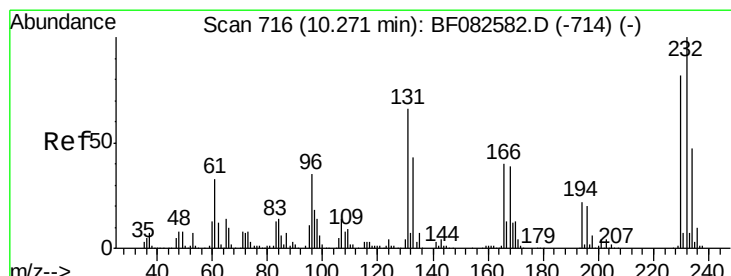
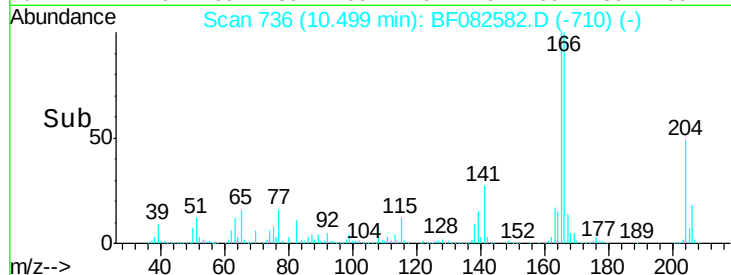
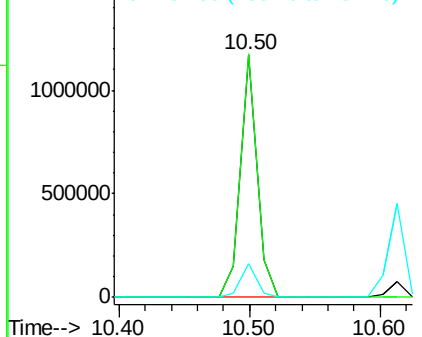


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.43 ng
 RT: 10.27 min Scan# 716
 Delta R.T. 0.00 min
 Lab File: BF082582.D
 Acq: 30 Oct 2015 20:05

Tgt Ion	Ratio	Lower	Upper
232	100		
131	57.7	46.2	69.2
130	3.0	2.4	3.6
166	35.2	28.2	42.2

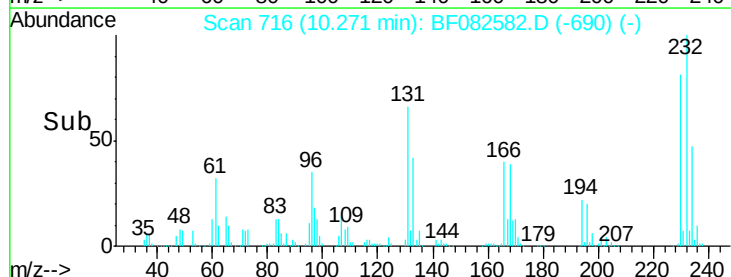
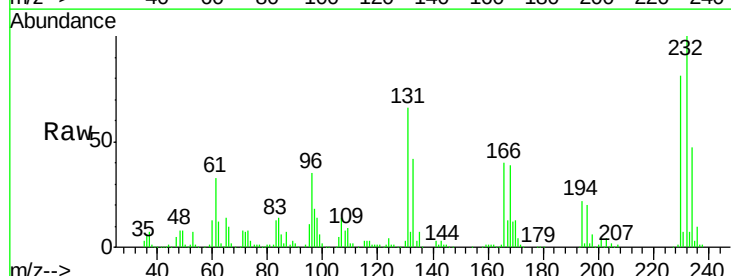
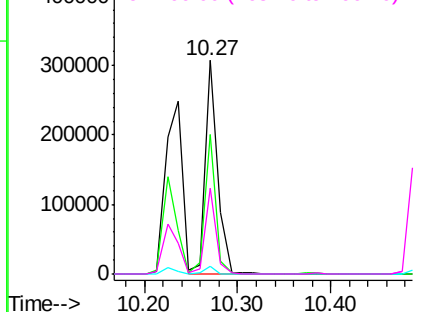
Abundance

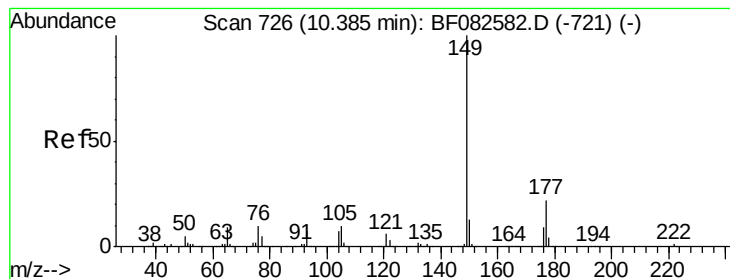
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 49.04 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF082582.D

Acq: 30 Oct 2015 20:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:149 Resp: 1272878

Ion Ratio Lower Upper

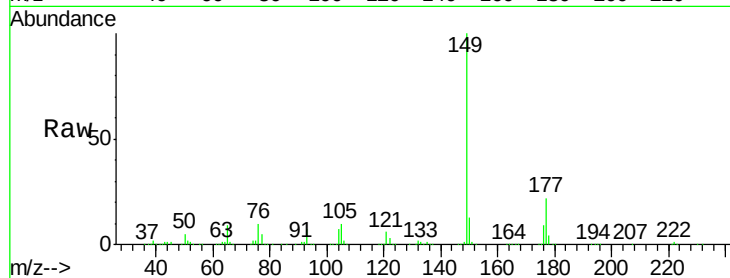
149 100

177 22.4 17.9 26.9

150 12.6 10.1 15.1

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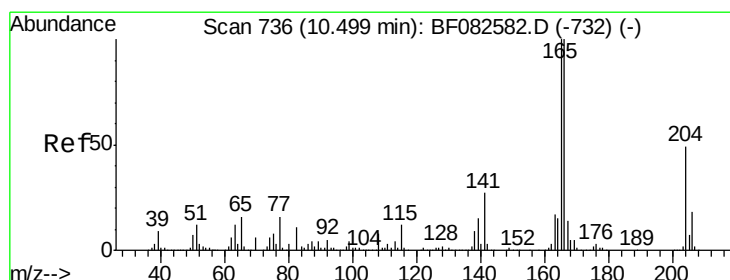
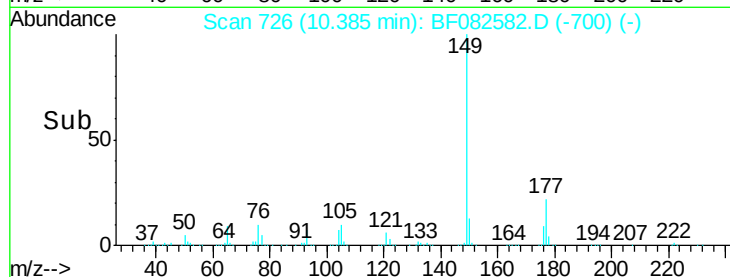
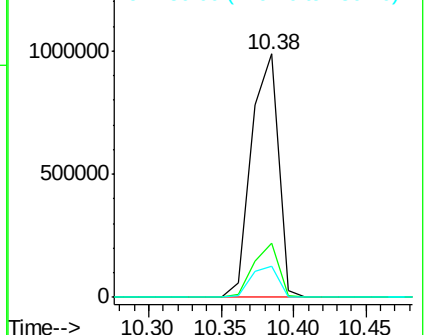
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 47.88 ng

RT: 10.50 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF082582.D

Acq: 30 Oct 2015 20:05

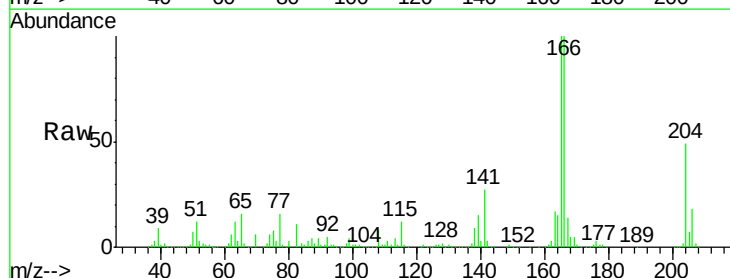
Tgt Ion:204 Resp: 560195

Ion Ratio Lower Upper

204 100

206 35.6 28.5 42.7

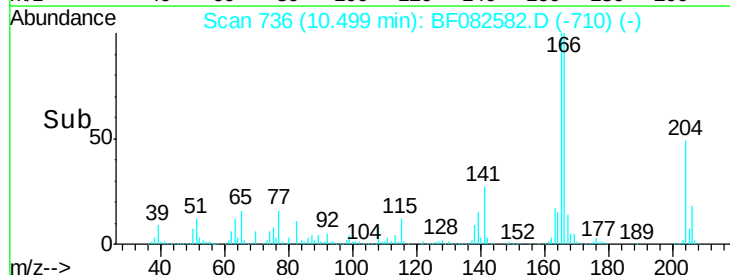
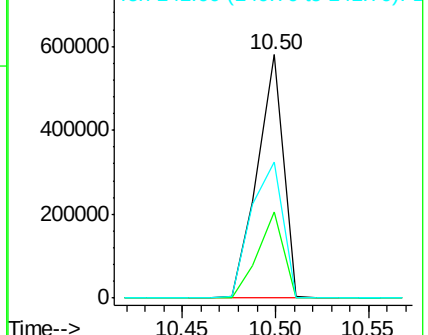
141 55.7 44.6 66.8

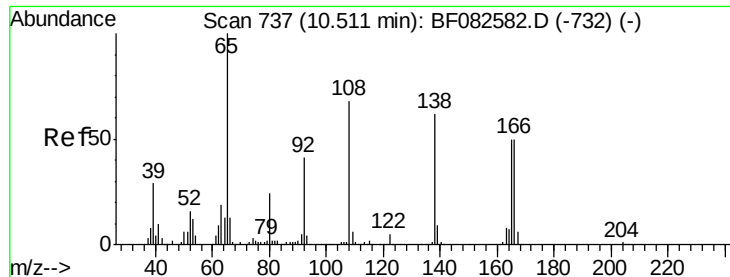


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 43.64 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF082582.D

Acq: 30 Oct 2015 20:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:138 Resp: 267078

Ion Ratio Lower Upper

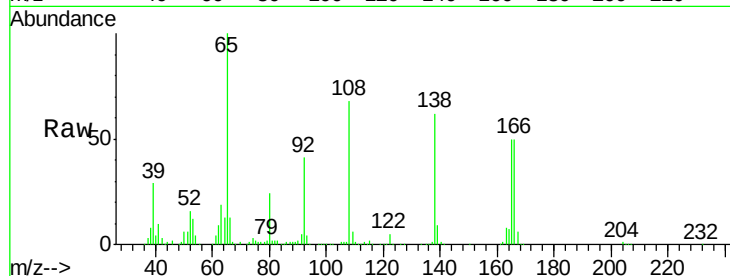
138 100

92 65.8 45.8 85.8

108 109.4 89.4 129.4

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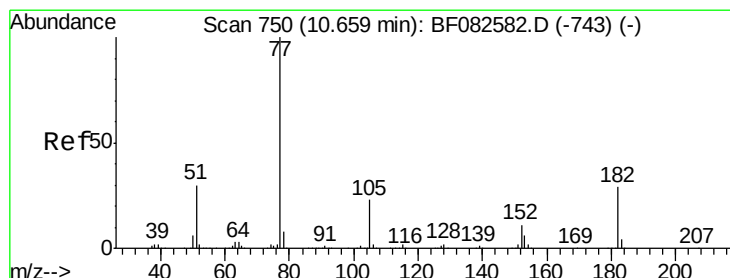
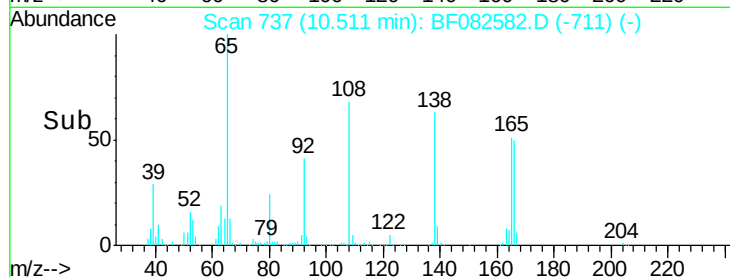
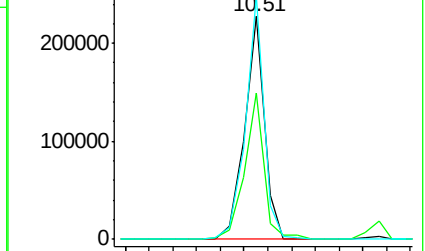
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 56.39 ng

RT: 10.66 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF082582.D

Acq: 30 Oct 2015 20:05

Tgt Ion: 77 Resp: 1478787

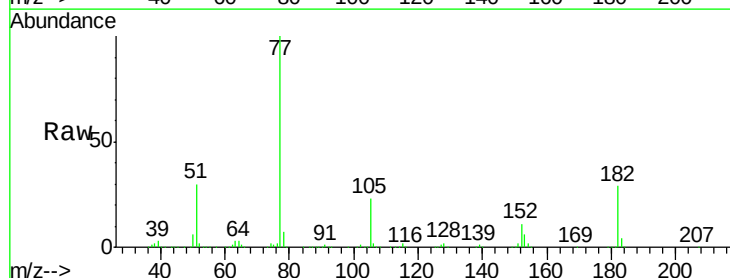
Ion Ratio Lower Upper

77 100

182 29.3 9.3 49.3

105 22.6 2.6 42.6

51 29.9 9.9 49.9

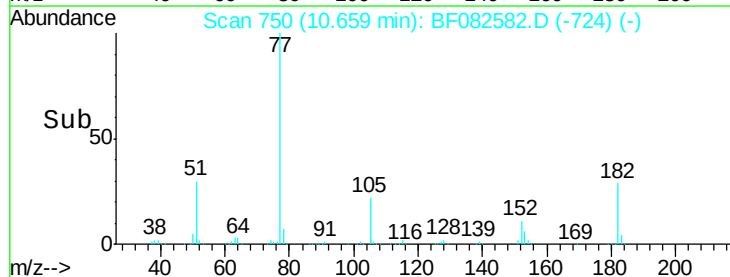
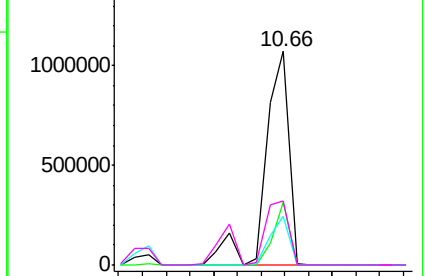


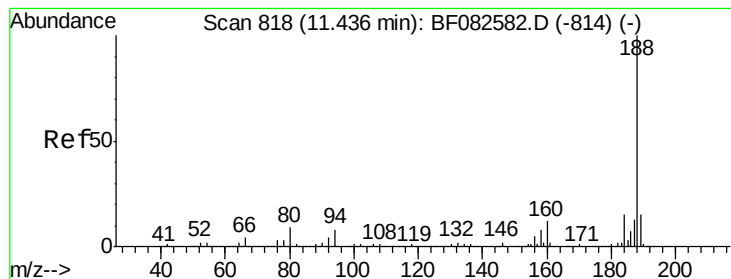
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.44 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF082582.D

Acq: 30 Oct 2015 20:05

Instrument :

BNA_F

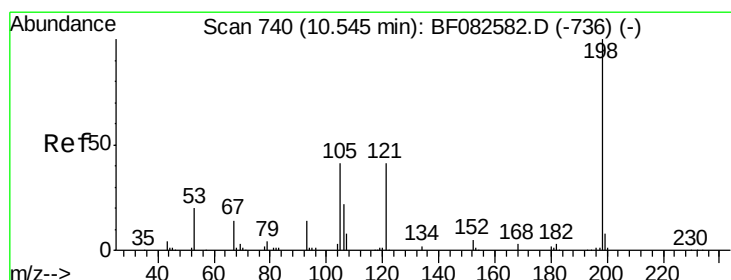
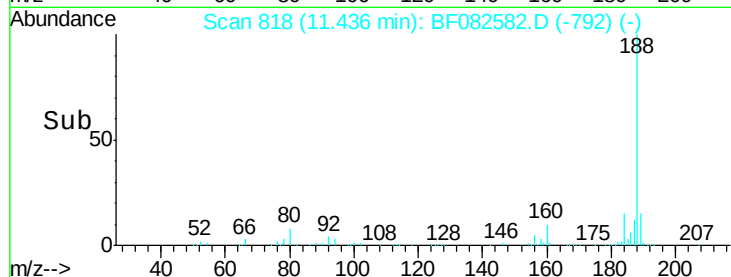
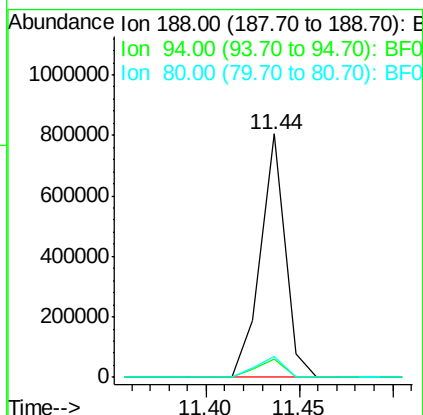
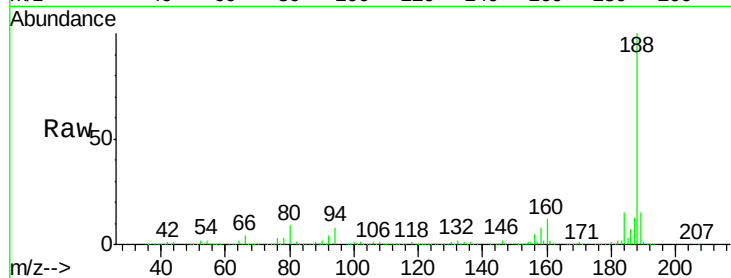
ClientSampleId :

SSTDICCC040

Tot Ion:	188	Resp:	734805
Ion Ratio	Lower	Upper	
188	100		
94	7.6	6.1	9.1
80	8.8	7.0	10.6

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#64

4,6-Dinitro-2-methylphenol

Concen: 46.27 ng

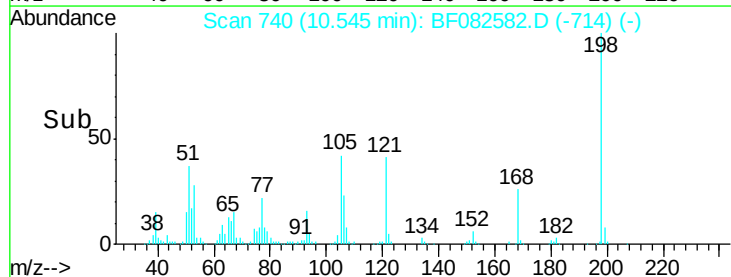
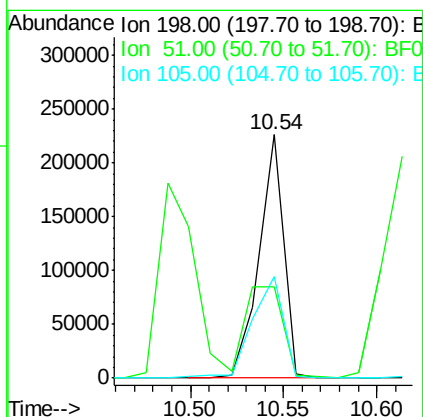
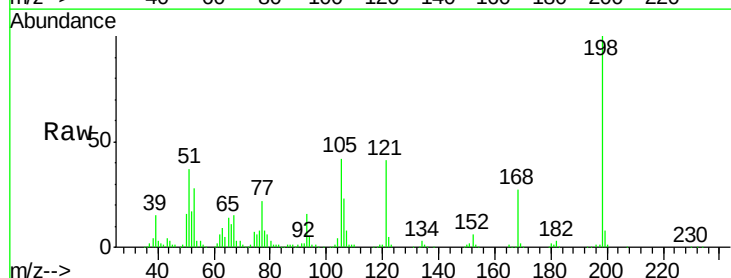
RT: 10.54 min Scan# 740

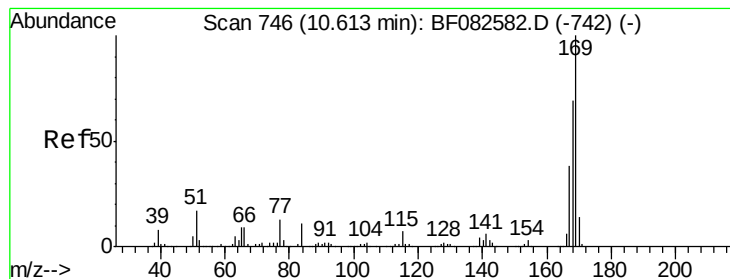
Delta R.T. 0.00 min

Lab File: BF082582.D

Acq: 30 Oct 2015 20:05

Tgt Ion:	198	Resp:	205512
Ion Ratio	Lower	Upper	
198	100		
51	37.3	17.3	57.3
105	41.7	21.7	61.7





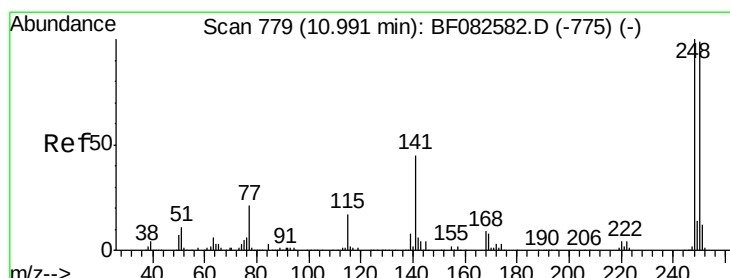
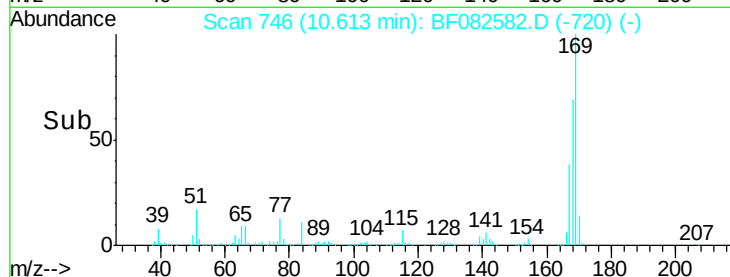
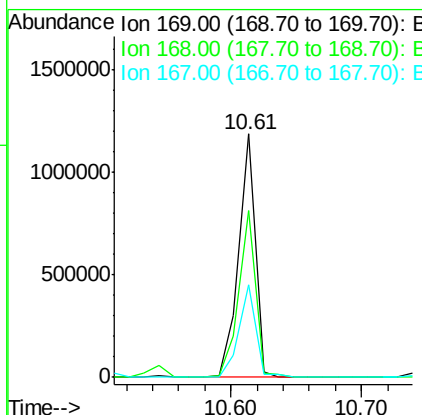
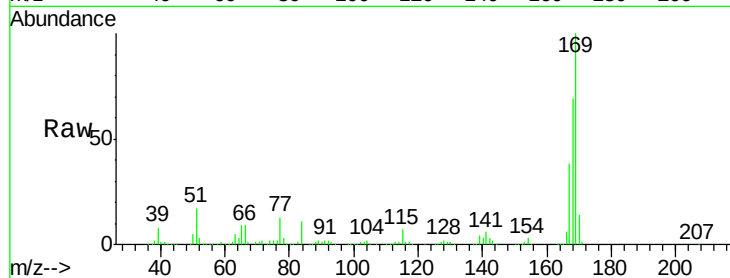
#65
 n-Nitrosodiphenylamine
 Concen: 45.61 ng
 RT: 10.61 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF082582.D
 Acq: 30 Oct 2015 20:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.8	55.0	82.6
167	38.1	30.5	45.7

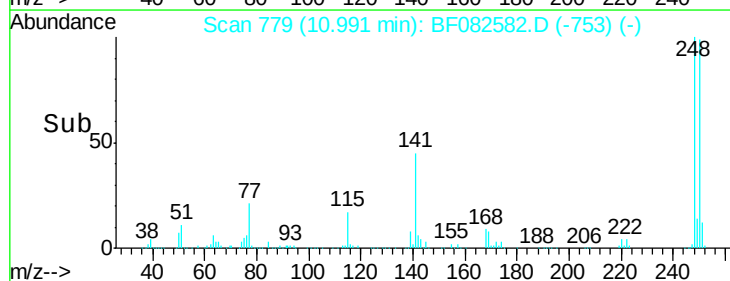
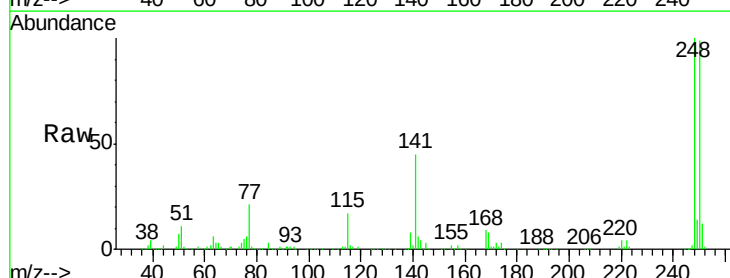
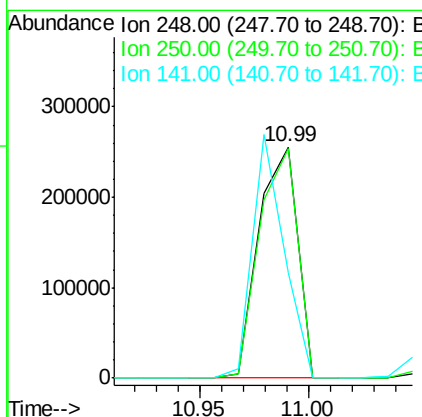
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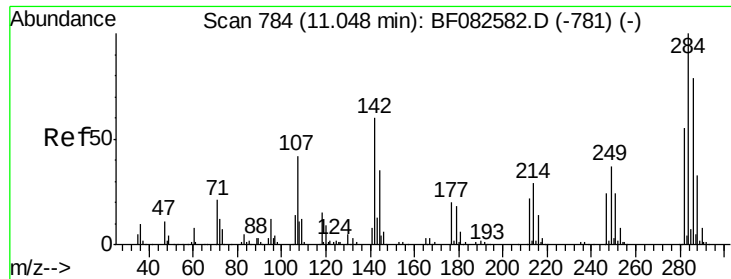
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#66
 4-Bromophenyl-phenylether
 Concen: 44.87 ng
 RT: 10.99 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: BF082582.D
 Acq: 30 Oct 2015 20:05

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.3	79.4	119.2
141	45.4	36.3	54.5





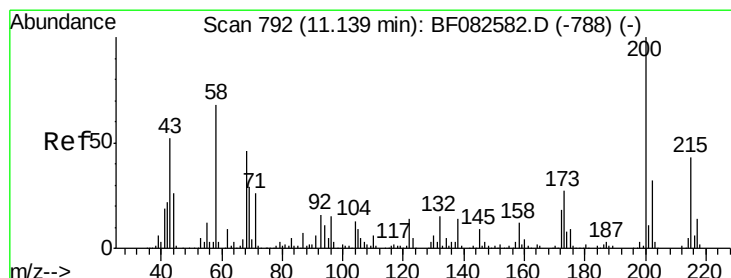
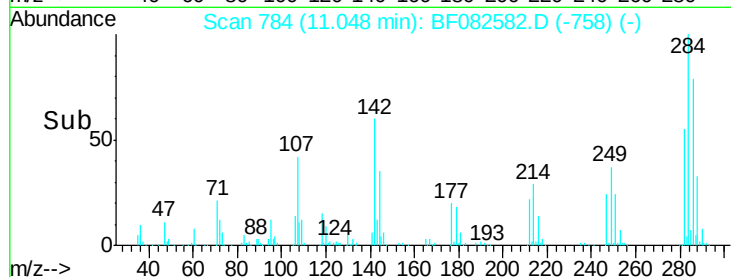
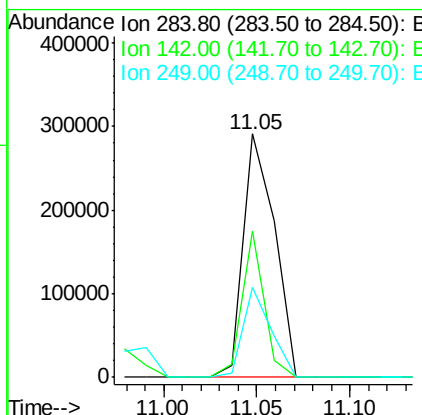
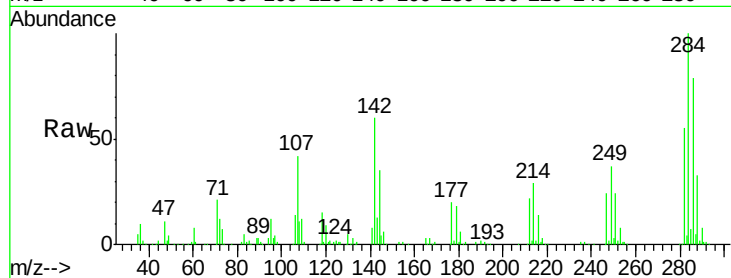
#67
Hexachlorobenzene
Concen: 45.15 ng
RT: 11.05 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF082582.D
Acq: 30 Oct 2015 20:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	338636		
142	59.9		47.9	71.9
249	37.1		29.7	44.5

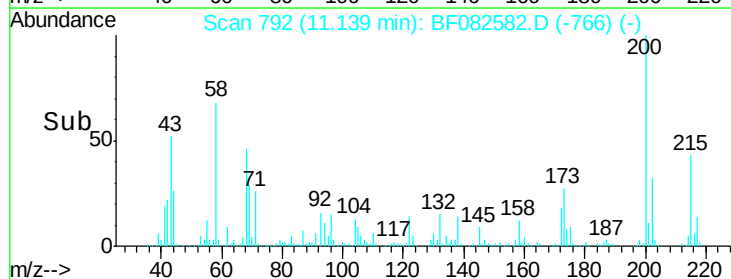
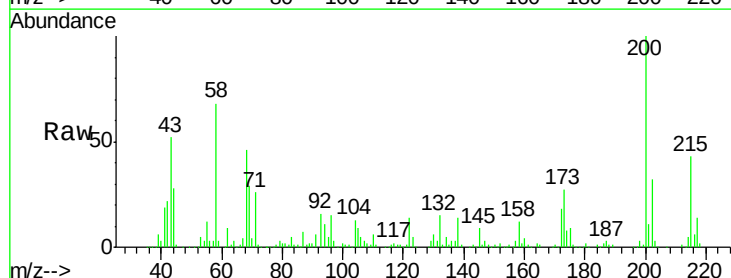
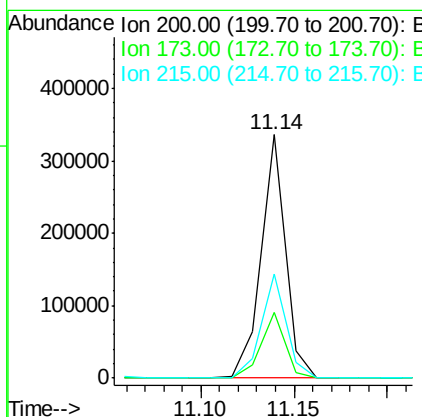
Manual Integrations
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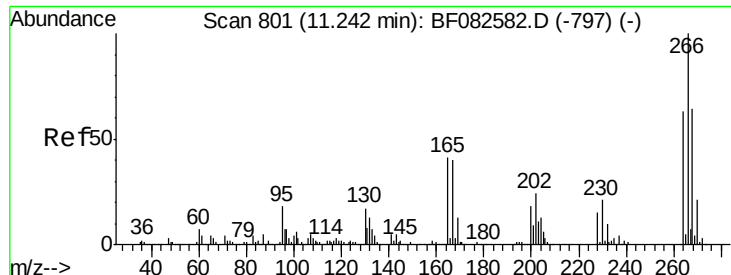
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#68
Atrazine
Concen: 43.39 ng
RT: 11.14 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF082582.D
Acq: 30 Oct 2015 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	302316		
173	26.9		6.9	46.9
215	42.9		22.9	62.9





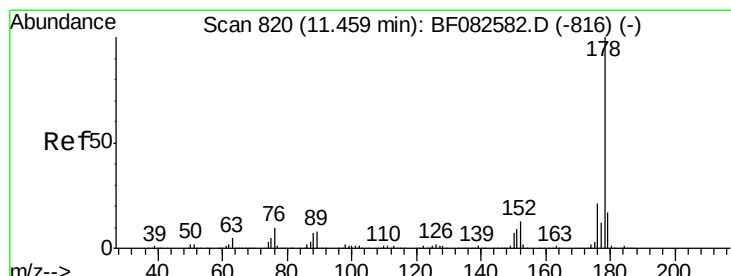
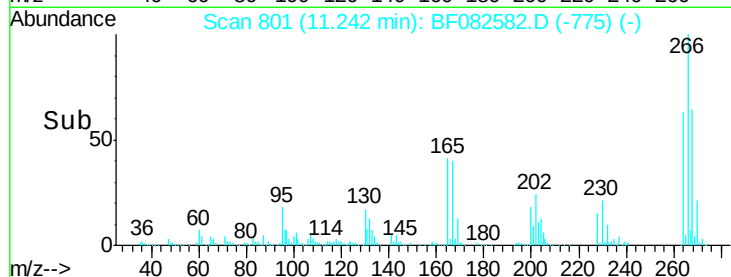
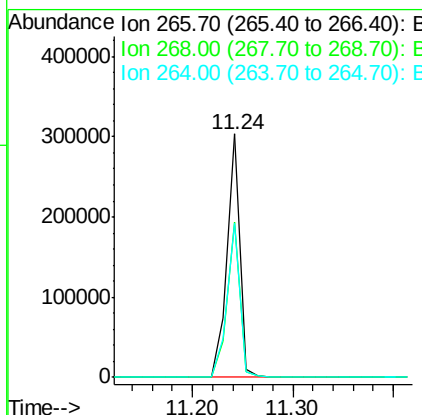
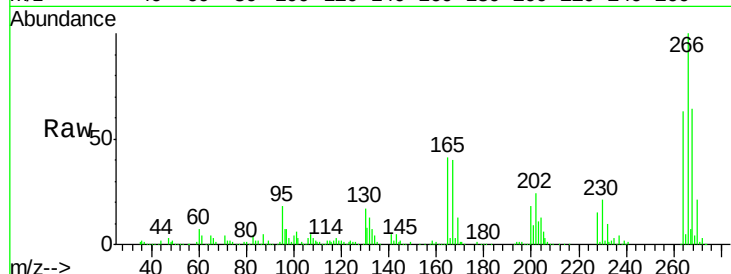
#69
 Pentachlorophenol
 Concen: 85.37 ng
 RT: 11.24 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF082582.D
 Acq: 30 Oct 2015 20:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.0	76.6
264	63.2	50.6	75.8

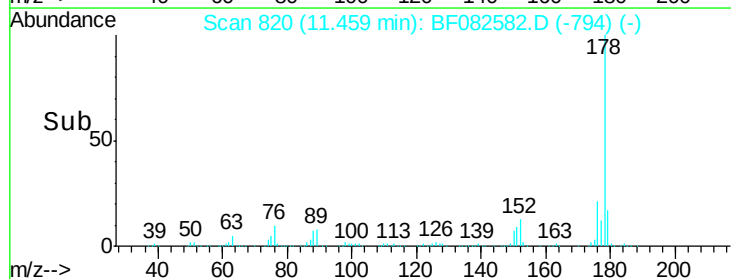
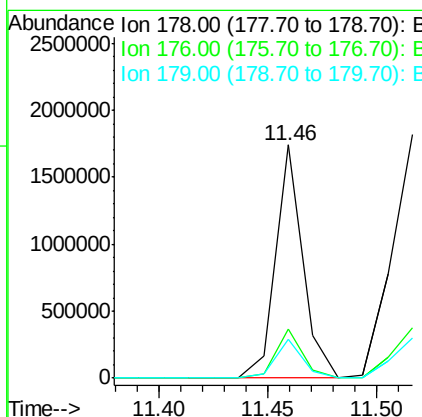
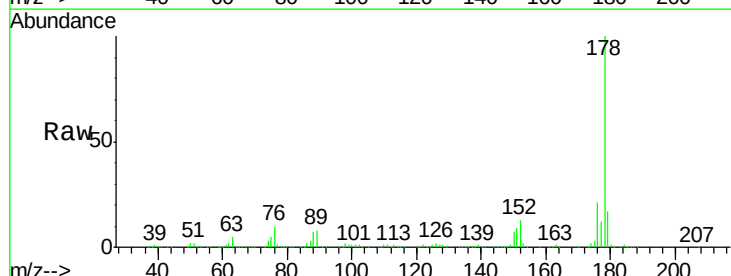
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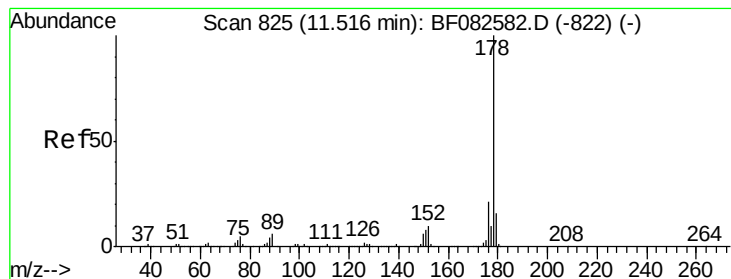
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#70
 Phenanthrene
 Concen: 39.79 ng
 RT: 11.46 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF082582.D
 Acq: 30 Oct 2015 20:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.2	17.0	25.4
179	16.7	13.4	20.0





#71

Anthracene

Concen: 46.30 ng

RT: 11.52 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF082582.D

Acq: 30 Oct 2015 20:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:178 Resp: 1806152

Ion Ratio Lower Upper

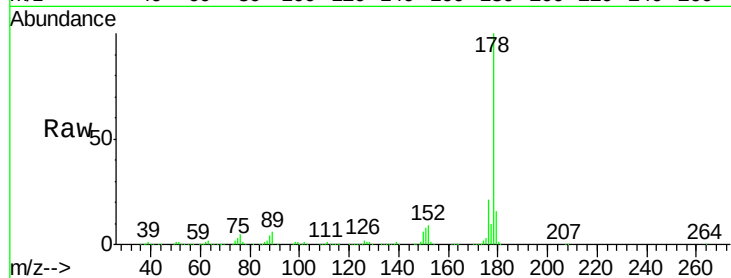
178 100

176 20.6 16.5 24.7

179 16.5 13.2 19.8

Manual Integrations
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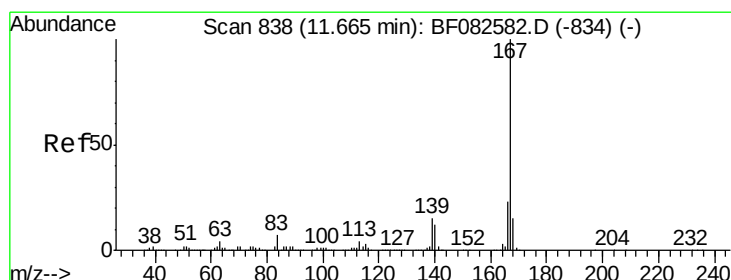
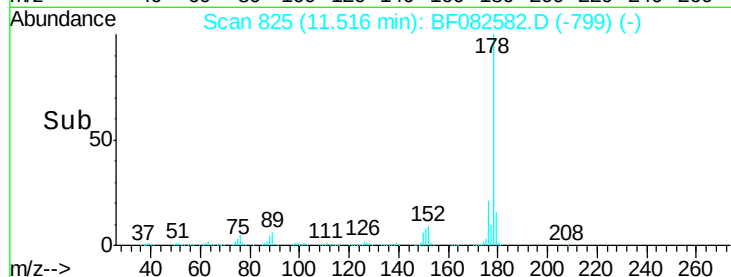
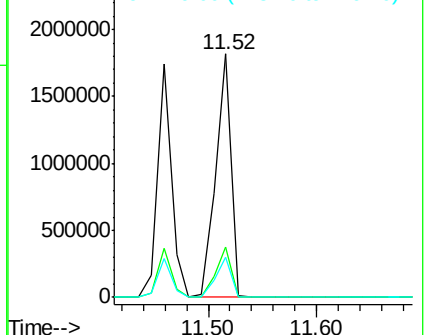
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 45.77 ng

RT: 11.66 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF082582.D

Acq: 30 Oct 2015 20:05

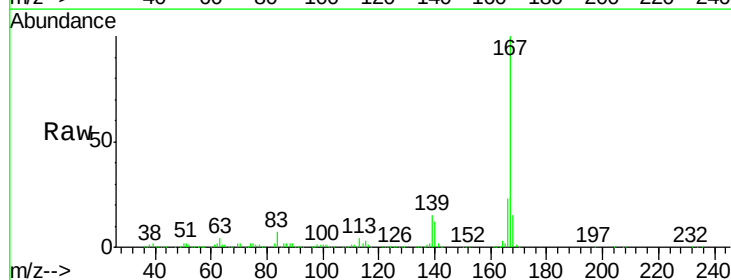
Tgt Ion:167 Resp: 1576720

Ion Ratio Lower Upper

167 100

166 23.4 18.7 28.1

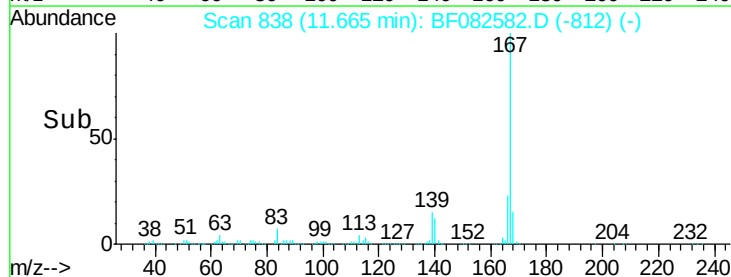
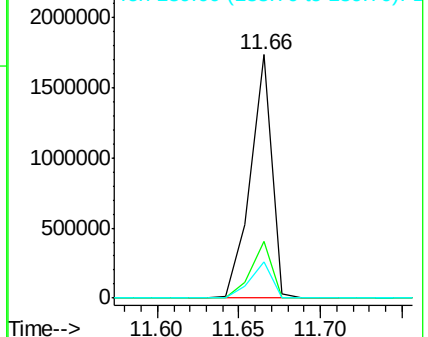
139 14.7 11.8 17.6

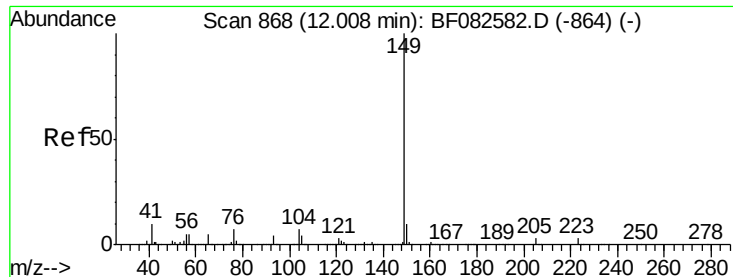


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.71 ng

RT: 12.01 min Scan# 868

Delta R.T. 0.00 min

Lab File: BF082582.D

Acq: 30 Oct 2015 20:05

Instrument :

BNA_F

ClientSampleId :

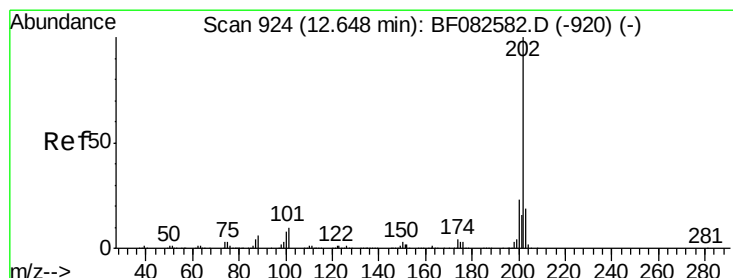
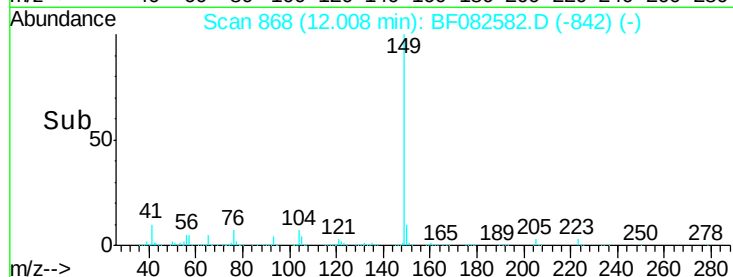
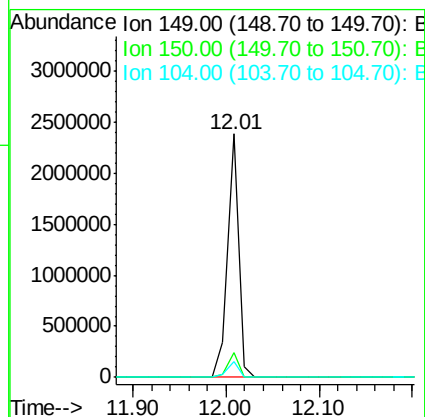
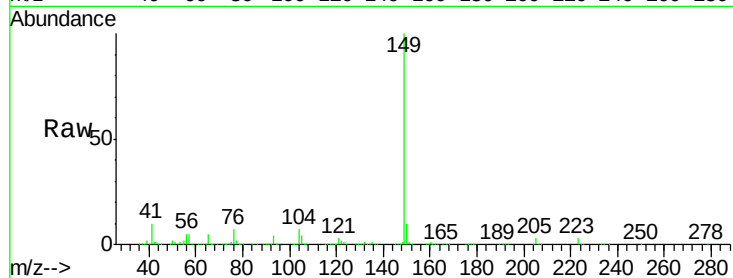
SSTDICCC040

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Tot Ion:	149	Resp:	1952095
Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.1	12.1
104	6.5	5.2	7.8



#74

Fluoranthene

Concen: 40.98 ng

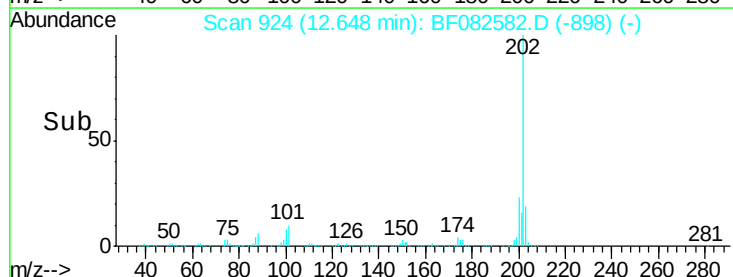
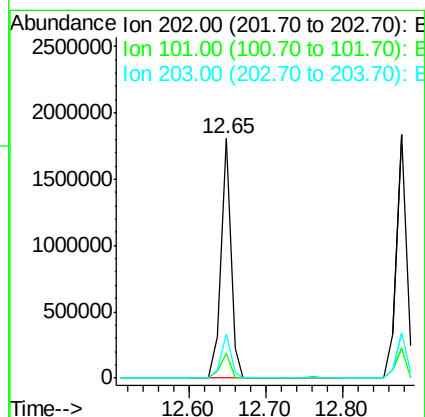
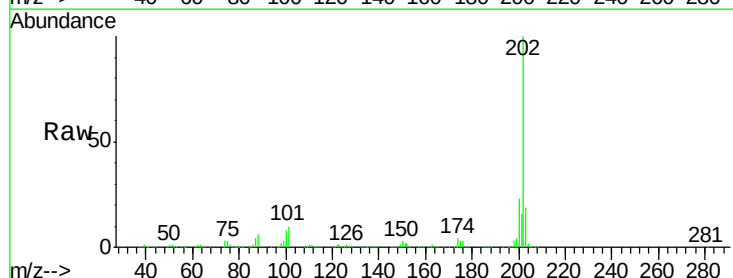
RT: 12.65 min Scan# 924

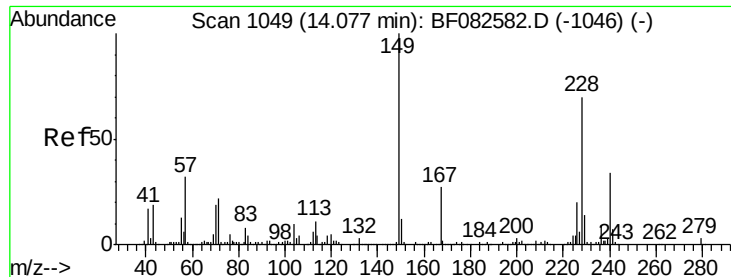
Delta R.T. 0.00 min

Lab File: BF082582.D

Acq: 30 Oct 2015 20:05

Tgt Ion:	202	Resp:	1616844
Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.5
203	18.5	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: BF082582.D

Acq: 30 Oct 2015 20:05

Instrument :

BNA_F

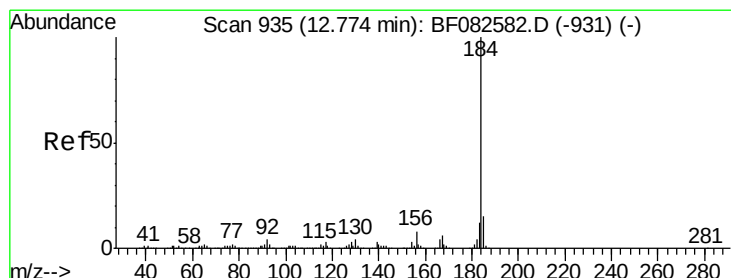
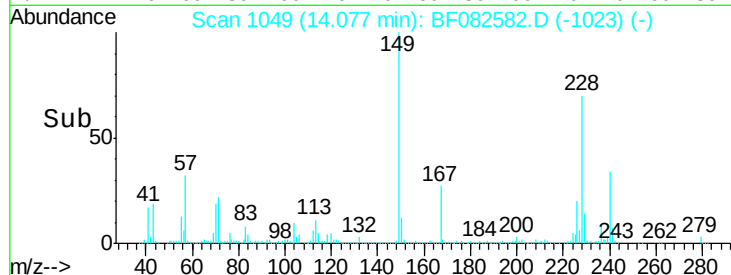
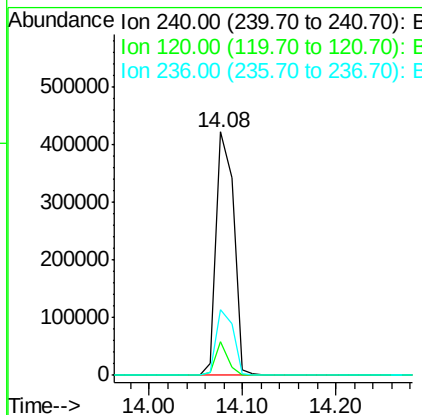
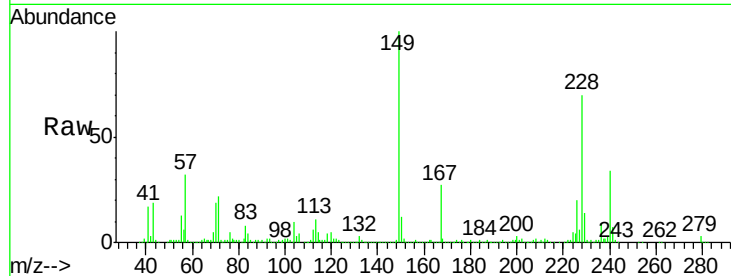
ClientSampleId :

SSTDICCC040

Tot Ion:	240	Resp:	549971
Ion Ratio		Lower	Upper
240	100		
120	13.6	10.9	16.3
236	27.0	21.6	32.4

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#76

Benzidine

Concen: 66.72 ng

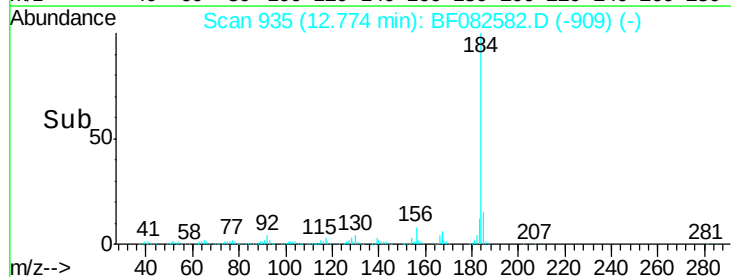
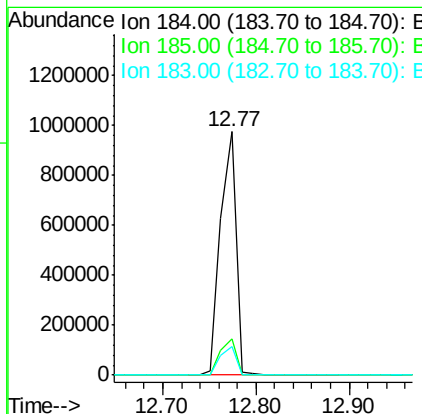
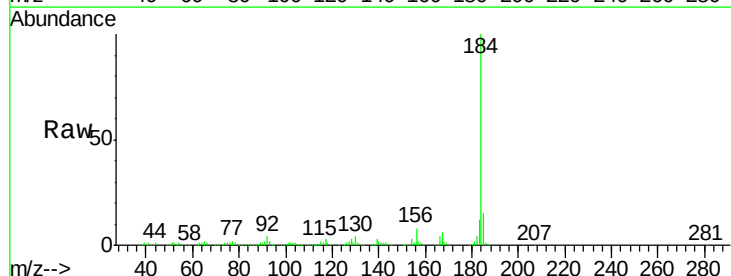
RT: 12.77 min Scan# 935

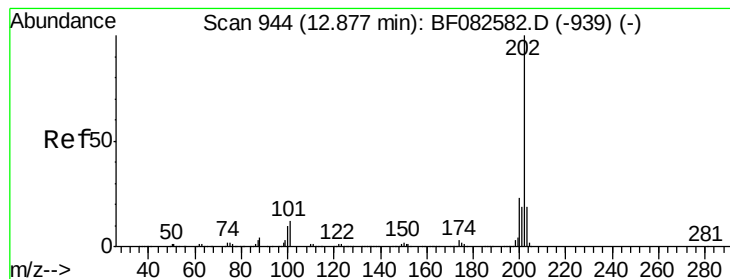
Delta R.T. 0.00 min

Lab File: BF082582.D

Acq: 30 Oct 2015 20:05

Tgt Ion:	184	Resp:	1128926
Ion Ratio		Lower	Upper
184	100		
185	15.0	12.0	18.0
183	12.0	9.6	14.4





#77

Pvrene

Concen: 47.30 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF082582.D

Acq: 30 Oct 2015 20:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:202 Resp: 1665383

Ion Ratio Lower Upper

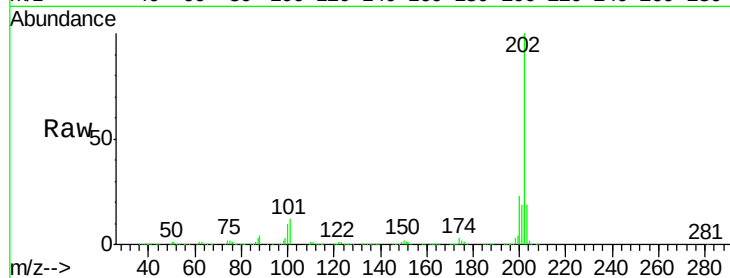
202 100

200 23.4 18.7 28.1

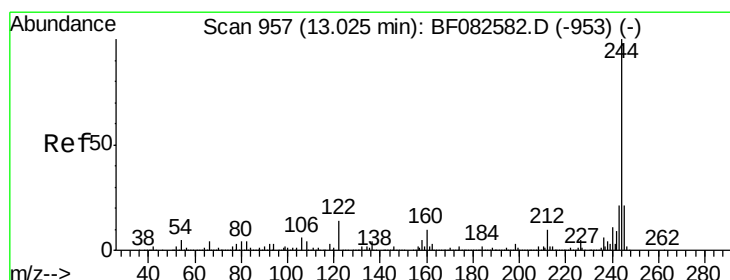
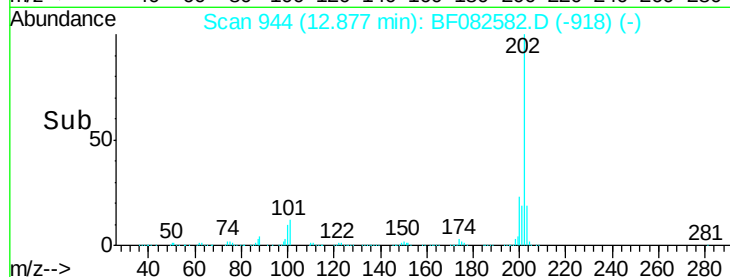
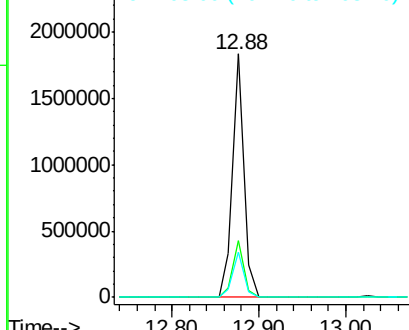
203 18.5 14.8 22.2

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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: 96.86 ng

RT: 13.03 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF082582.D

Acq: 30 Oct 2015 20:05

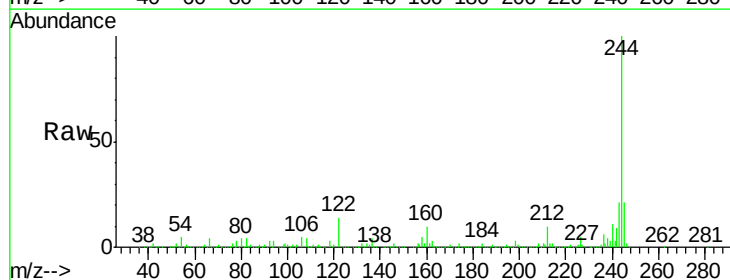
Tgt Ion:244 Resp: 1915947

Ion Ratio Lower Upper

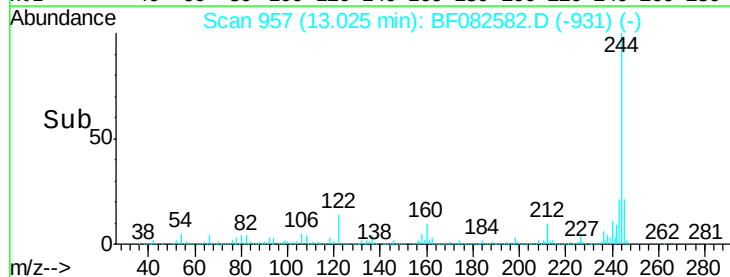
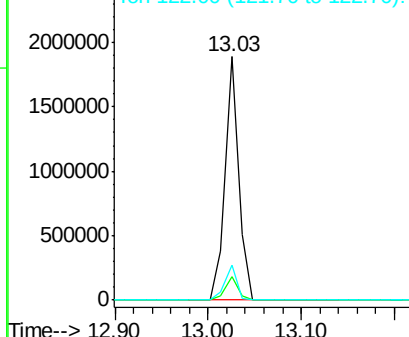
244 100

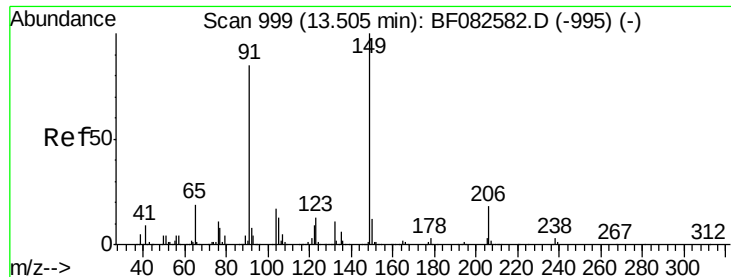
212 9.5 7.6 11.4

122 14.1 11.3 16.9



Abundance Ion 244.00 (243.70 to 244.70): E
2500000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 52.27 ng

RT: 13.51 min Scan# 999

Delta R.T. 0.00 min

Lab File: BF082582.D

Acq: 30 Oct 2015 20:05

Instrument :

BNA_F

ClientSampleId :

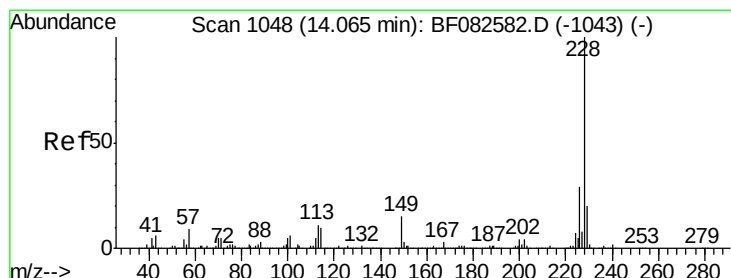
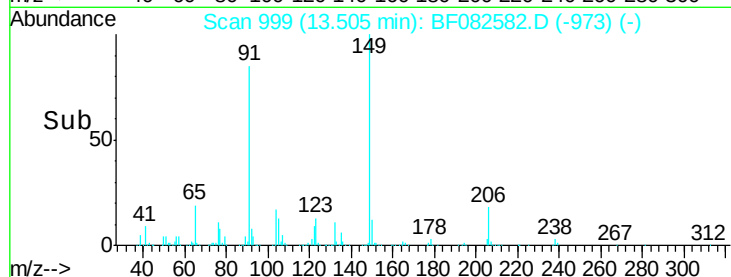
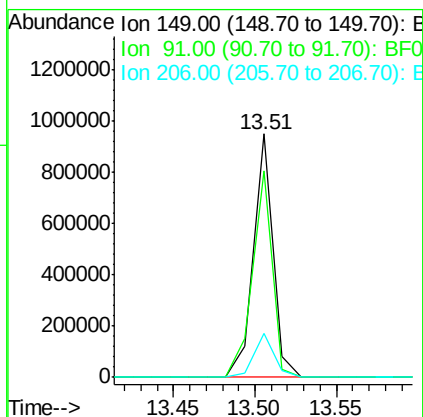
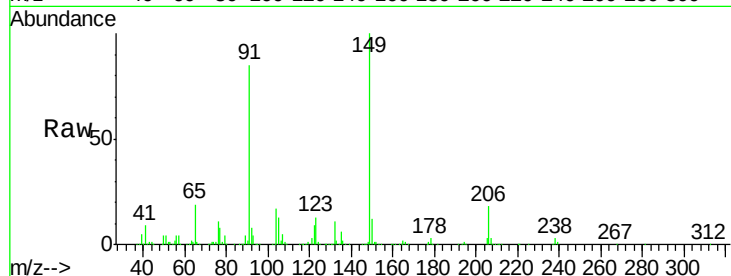
SSTDICCC040

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Tot Ion:	149	Resp:	790630
Ion Ratio	Lower	Upper	
149	100		
91	84.6	67.7	101.5
206	18.3	14.6	22.0



#80

Benzo(a)anthracene

Concen: 47.52 ng

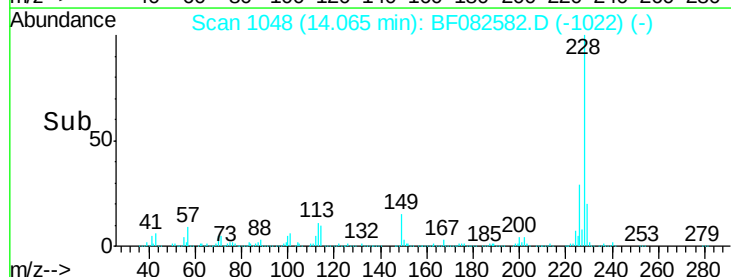
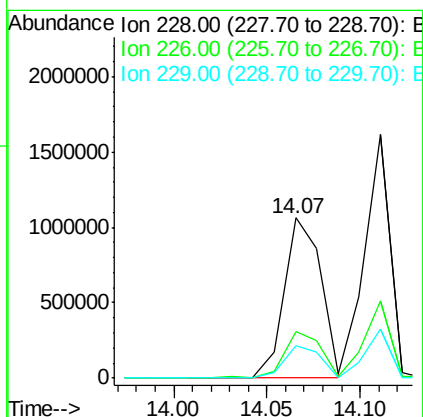
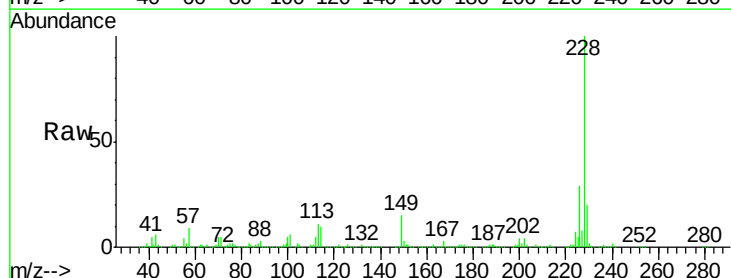
RT: 14.07 min Scan# 1048

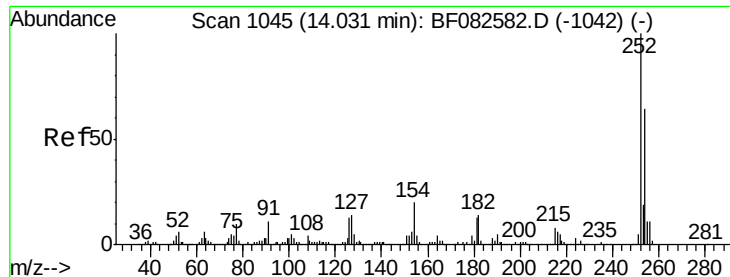
Delta R.T. 0.00 min

Lab File: BF082582.D

Acq: 30 Oct 2015 20:05

Tgt Ion:	228	Resp:	1459944
Ion Ratio	Lower	Upper	
228	100		
226	29.3	23.4	35.2
229	20.4	16.3	24.5





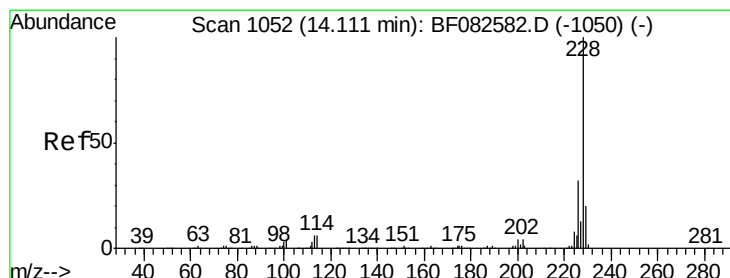
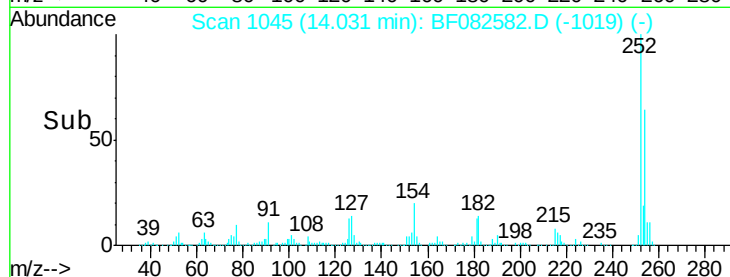
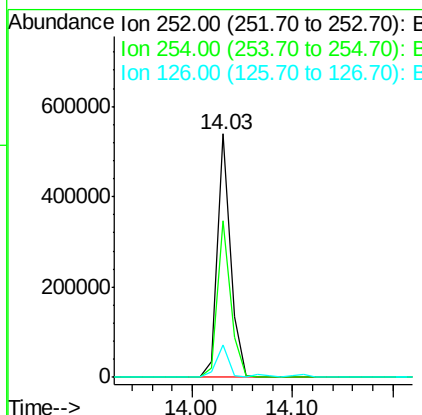
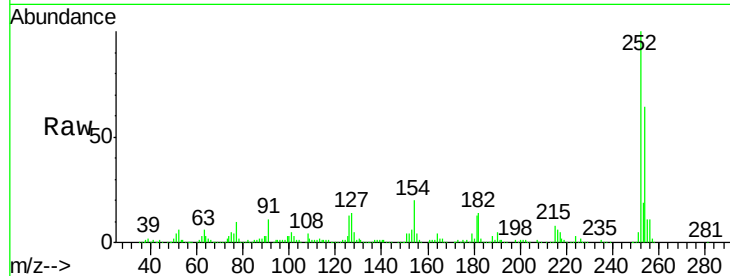
#81
 3,3'-Dichlorobenzidine
 Concen: 46.98 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BF082582.D
 Acq: 30 Oct 2015 20:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.4	77.0
126	13.4	10.7	16.1

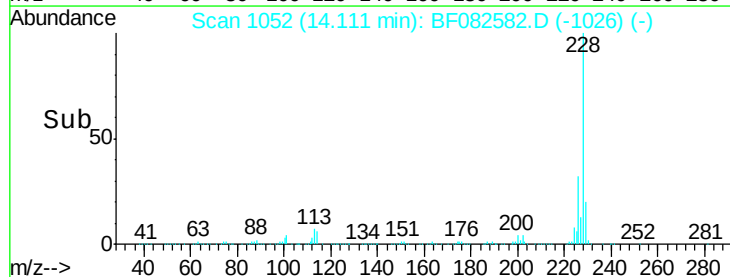
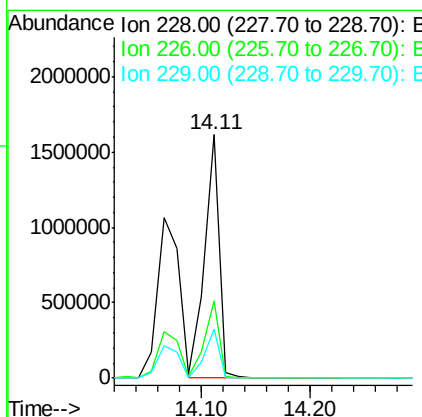
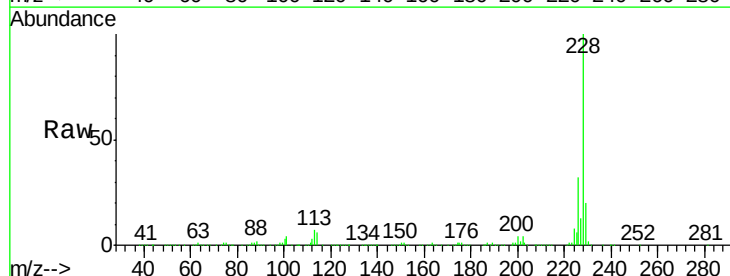
Manual Integrations
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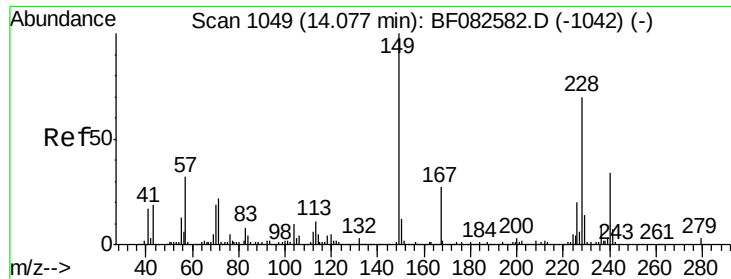
Mmdadoda
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#82
 Chrysene
 Concen: 51.42 ng
 RT: 14.11 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: BF082582.D
 Acq: 30 Oct 2015 20:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.5	38.3
229	20.4	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.43 ng

RT: 14.08 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF082582.D

Acq: 30 Oct 2015 20:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:149 Resp: 1054047

Ion Ratio Lower Upper

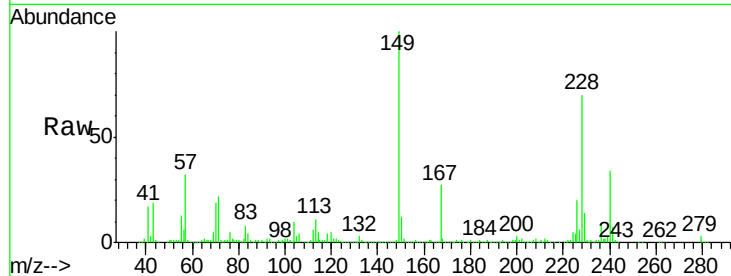
149 100

167 26.5 21.2 31.8

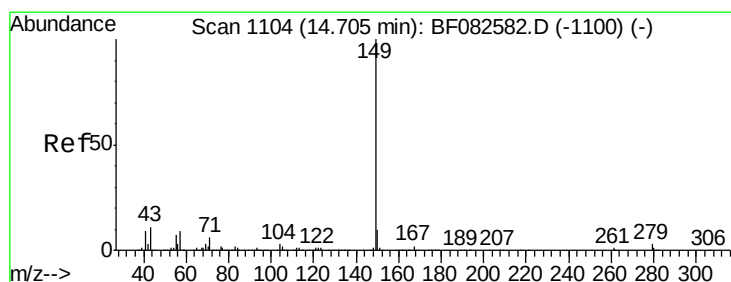
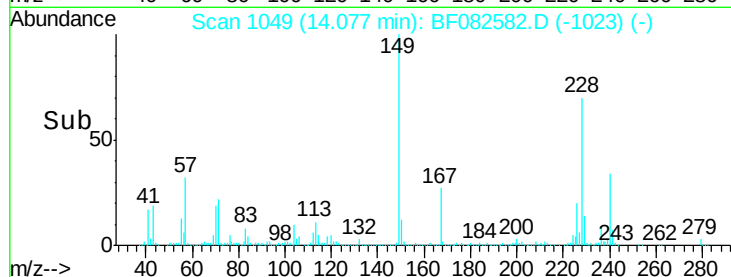
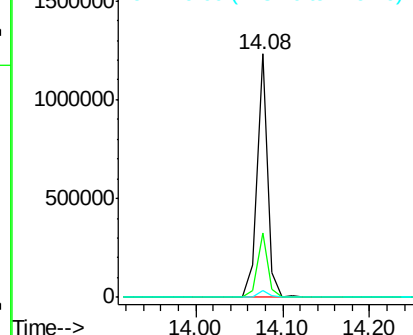
279 2.7 2.2 3.2

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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: 49.83 ng

RT: 14.71 min Scan# 1104

Delta R.T. 0.00 min

Lab File: BF082582.D

Acq: 30 Oct 2015 20:05

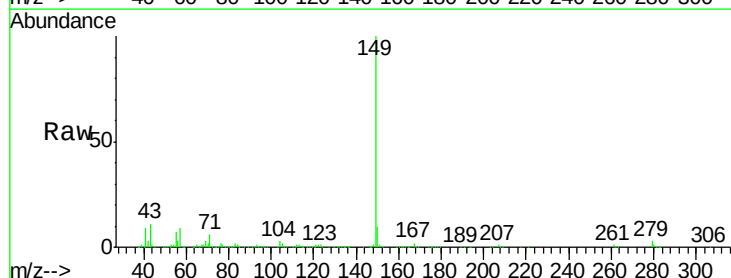
Tgt Ion:149 Resp: 1638150

Ion Ratio Lower Upper

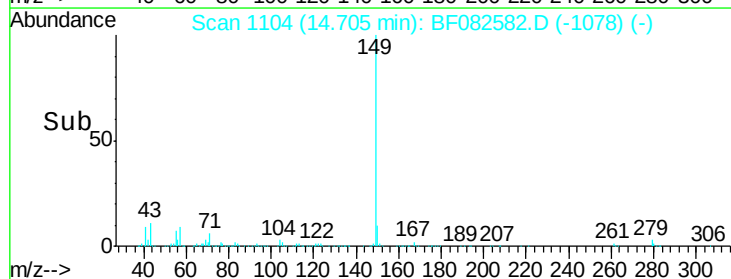
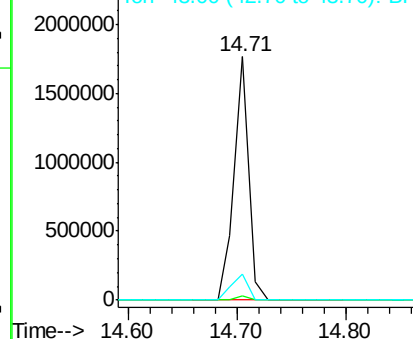
149 100

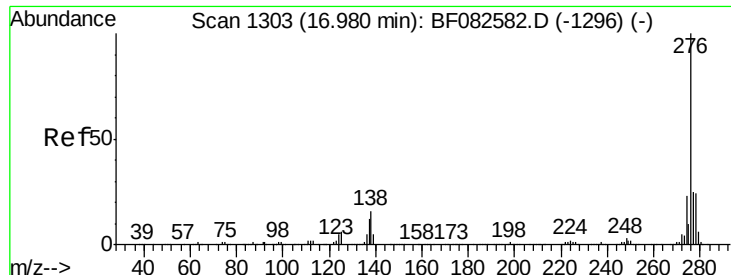
167 1.6 1.3 1.9

43 12.6 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





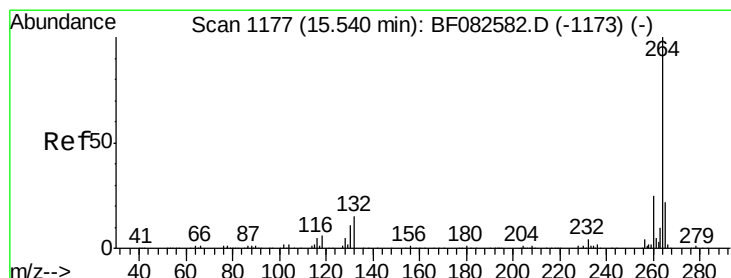
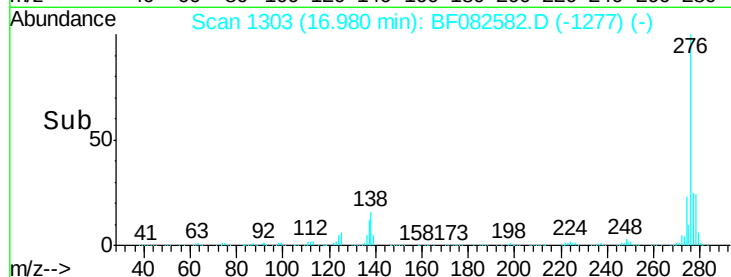
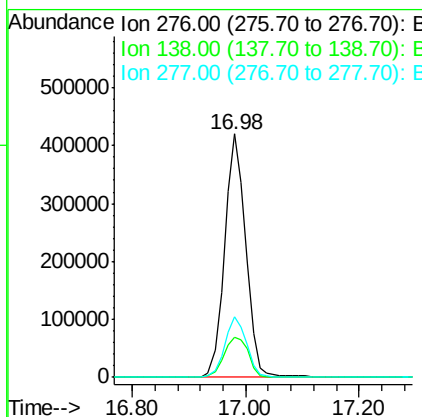
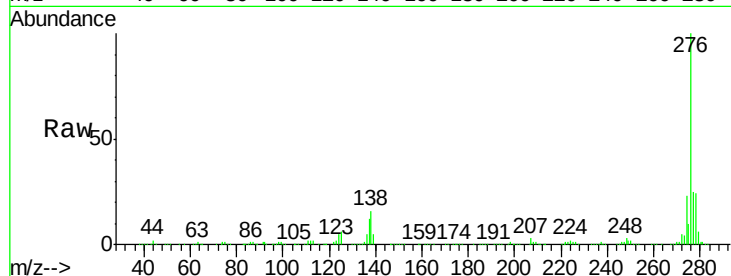
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.20 ng
RT: 16.98 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF082582.D
Acq: 30 Oct 2015 20:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.1	15.3	22.9
277	25.3	20.2	30.4

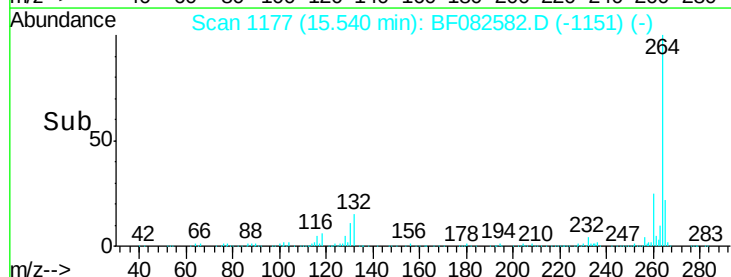
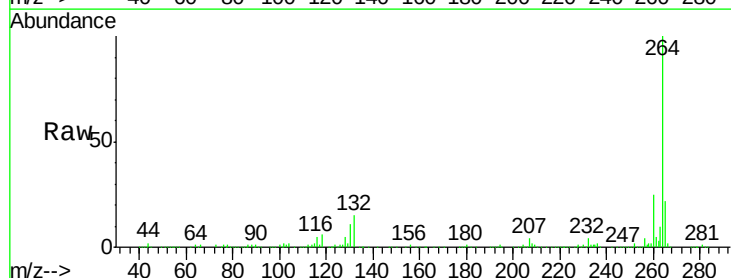
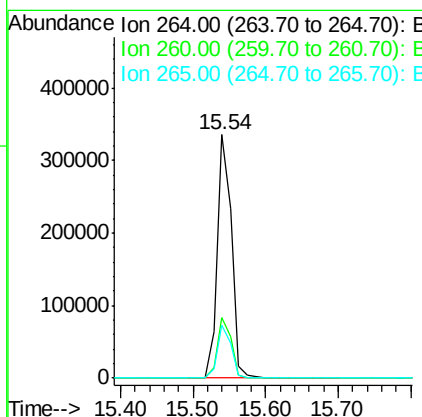
Manual Integrations
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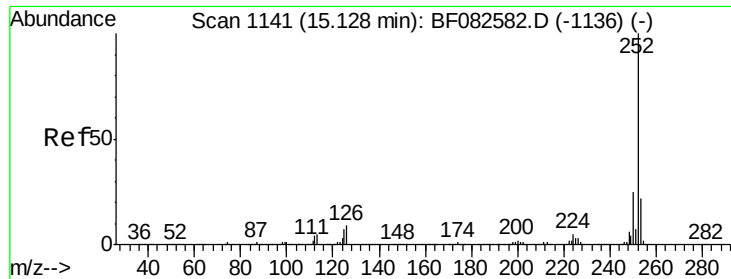
Mmdadoda
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF082582.D
Acq: 30 Oct 2015 20:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.6
265	21.7	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 42.10 ng

RT: 15.13 min Scan# 1141

Delta R.T. 0.00 min

Lab File: BF082582.D

Acq: 30 Oct 2015 20:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:252 Resp: 1152933

Ion Ratio Lower Upper

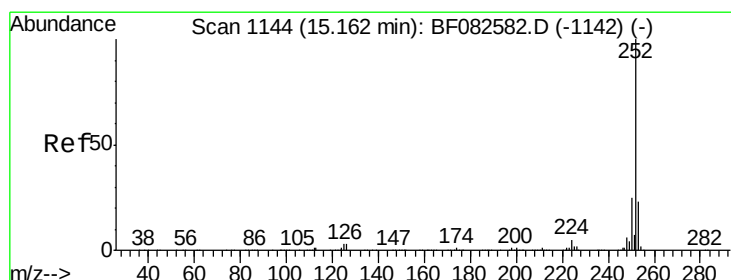
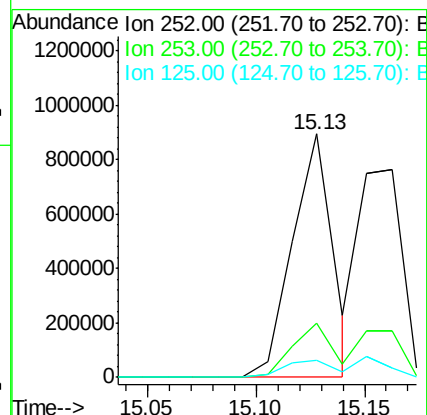
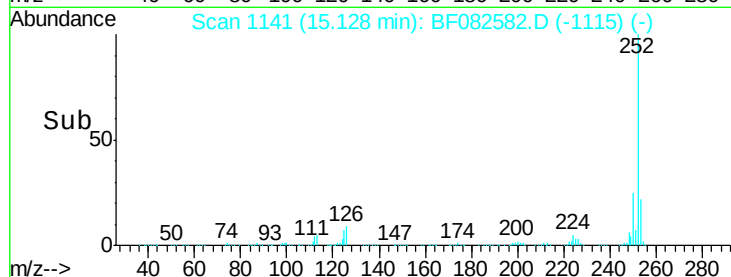
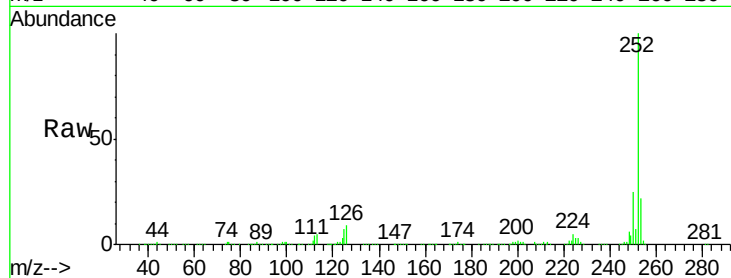
252 100

253 22.3 17.8 26.8

125 6.8 5.4 8.2

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 47.72 ng m

RT: 15.16 min Scan# 1144

Delta R.T. 0.00 min

Lab File: BF082582.D

Acq: 30 Oct 2015 20:05

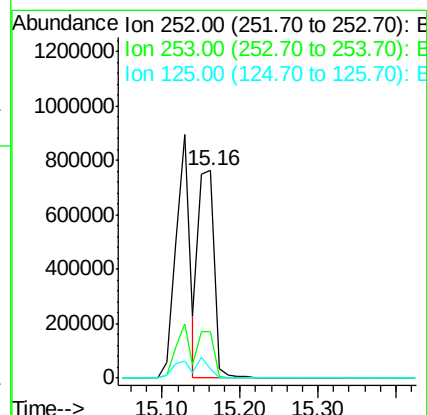
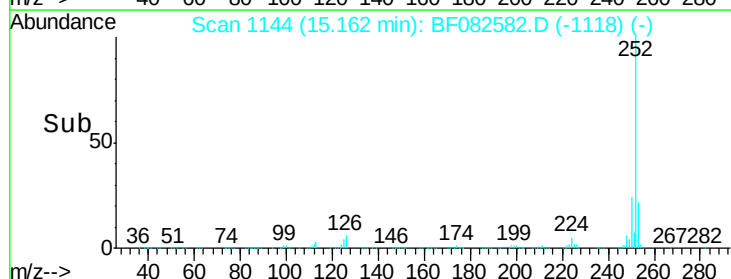
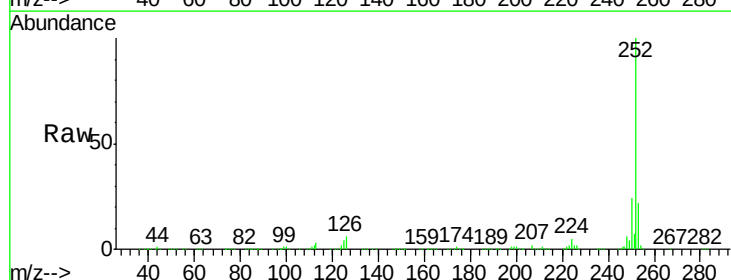
Tgt Ion:252 Resp: 1088394

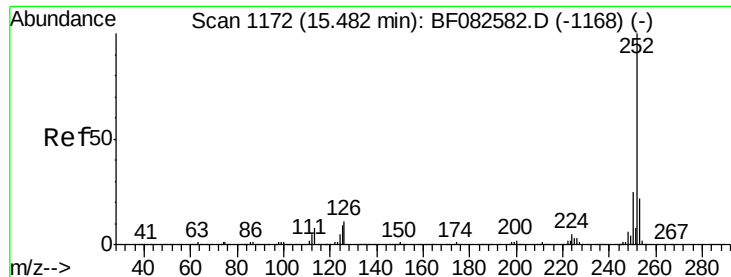
Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

125 4.4 3.5 5.3





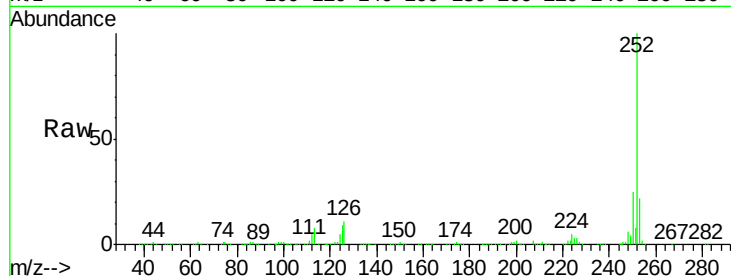
#89
Benzo(a)pyrene
Concen: 42.35 ng
RT: 15.48 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF082582.D
Acq: 30 Oct 2015 20:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

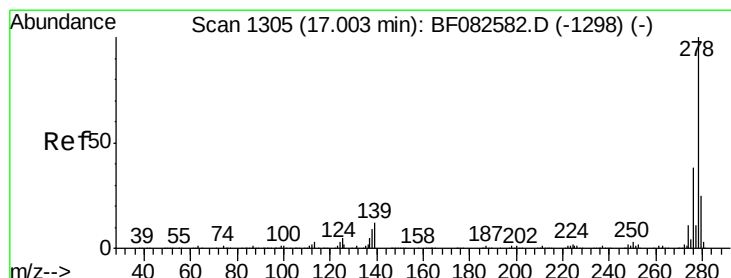
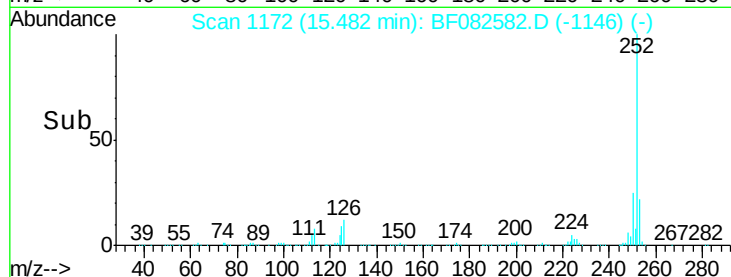
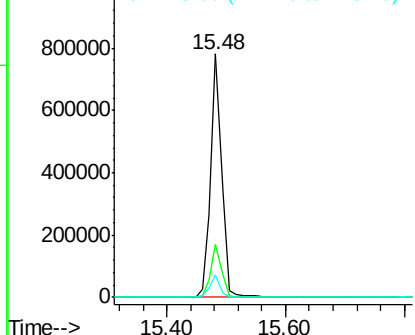
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.3	25.9
125	8.9	7.1	10.7

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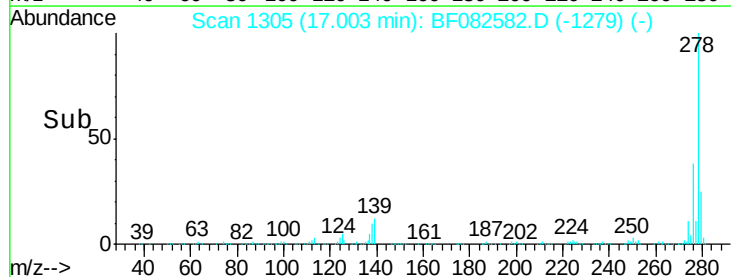
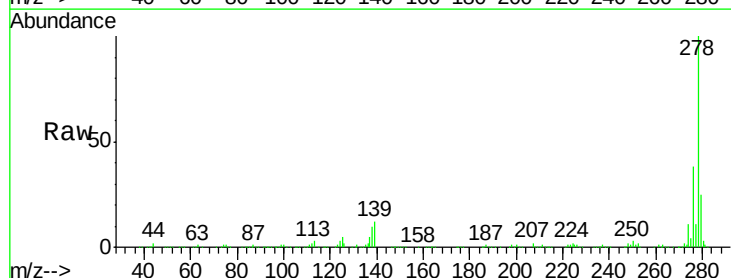
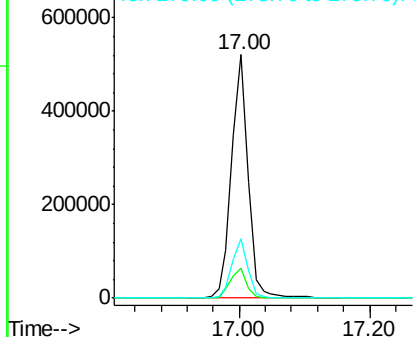
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

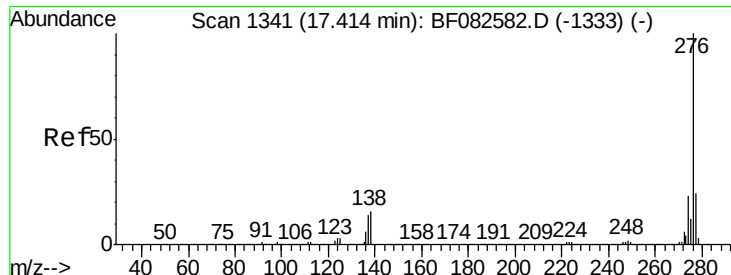


#90
Dibenzo(a,h)anthracene
Concen: 45.47 ng
RT: 17.00 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF082582.D
Acq: 30 Oct 2015 20:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.4	9.9	14.9
279	24.5	19.6	29.4

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





#91
 Benzo(a,h,i)perylene
 Concen: 44.01 ng
 RT: 17.41 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: BF082582.D
 Acq: 30 Oct 2015 20:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Tot Ion:	276	Resp:	873741
Ion Ratio	Lower	Upper	
276	100		
277	24.0	19.2	28.8
138	16.4	13.1	19.7

Manual Integrations
 APPROVED

Mmdadoda
 11/2/2015 4:31:59 PM

