

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123015\
 Data File : BF084166.D
 Acq On : 31 Dec 2015 00:27
 Operator : UM/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Manual Integrations
 APPROVED

Sohil
 12/31/2015 6:41:11 PM

Quant Time: Dec 31 03:59:05 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 03:17:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	342121	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1418747	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	637158	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	1183086	20.00	ng	0.00
75) Chrysene-d12	14.07	240	932403	20.00	ng	0.00
86) Perylene-d12	15.49	264	659065	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1035145	50.74	ng	-0.01
7) Phenol-d6	6.52	99	1439118	56.68	ng	0.00
23) Nitrobenzene-d5	7.46	82	1186851	48.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	325886	47.93	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1932666	42.48	ng	0.00
78) Terphenyl-d14	13.01	244	1907739	38.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	252992	29.55	ng	99
3) Pyridine	3.26	79	726808	33.52	ng	98
4) n-Nitrosodimethylamine	3.20	42	334815	33.91	ng	90
6) Aniline	6.56	93	959611	29.38	ng	95
8) 2-Chlorophenol	6.68	128	644836	26.07	ng	92
9) Benzaldehyde	6.44	77	468342	33.88	ng	98
10) Phenol	6.53	94	907231	31.44	ng	85
11) bis(2-Chloroethyl)ether	6.64	93	653040	31.24	ng	91
12) 1,3-Dichlorobenzene	6.84	146	660335	24.59	ng	97
13) 1,4-Dichlorobenzene	6.92	146	663192	24.30	ng	98
14) 1,2-Dichlorobenzene	7.07	146	609117	24.38	ng	96
15) Benzyl Alcohol	7.04	79	536498	27.19	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.18	45	1098882	47.05	ng	99
17) 2-Methylphenol	7.15	107	530121	27.21	ng	96
18) Hexachloroethane	7.41	117	244938	24.44	ng	# 70
19) n-Nitroso-di-n-propylamine	7.31	70	433793	27.51	ng	96
20) 3+4-Methylphenols	7.30	107	611662	24.72	ng	# 76
22) Acetophenone	7.31	105	875081	24.88	ng	# 82
24) Nitrobenzene	7.48	77	657961	25.85	ng	94
25) Isophorone	7.72	82	1155240	25.34	ng	94
26) 2-Nitrophenol	7.80	139	278519	21.59	ng	92
27) 2,4-Dimethylphenol	7.84	122	595807	27.61	ng	96
28) bis(2-Chloroethoxy)methane	7.94	93	809442	30.29	ng	99
29) 2,4-Dichlorophenol	8.04	162	512684	25.08	ng	94
30) 1,2,4-Trichlorobenzene	8.13	180	531925	24.06	ng	97
31) Naphthalene	8.21	128	1742721	23.49	ng	97
32) Benzoic acid	7.93	122	363010	31.13	ng	98
33) 4-Chloroaniline	8.26	127	794974	26.07	ng	# 93
34) Hexachlorobutadiene	8.33	225	288817	22.71	ng	94
35) Caprolactam	8.61	113	152818	26.44	ng	91
36) 4-Chloro-3-methylphenol	8.73	107	545867	23.84	ng	87
37) 2-Methylnaphthalene	8.90	142	1105205	23.41	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	508666	25.57	ng	98
40) Hexachlorocyclopentadiene	9.06	237	311499	57.82	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	350811	26.76	nq	100
43) 2,4,5-Trichlorophenol	9.21	196	325229	24.81	nq	92
45) 1,1'-Biphenyl	9.37	154	1487301	26.66	nq	96
46) 2-Chloronaphthalene	9.39	162	1083144	25.39	nq	95
47) 2-Nitroaniline	9.48	65	342063	29.24	nq	# 85
48) Acenaphthylene	9.80	152	1569237	22.16	nq	99
49) Dimethylphthalate	9.66	163	1159013	22.18	nq	99
50) 2,6-Dinitrotoluene	9.72	165	238819	21.80	nq	# 44
51) Acenaphthene	9.97	154	979452	23.37	nq	99
52) 3-Nitroaniline	9.89	138	329668	28.07	nq	# 79
53) 2,4-Dinitrophenol	10.00	184	75653	22.79	nq	# 71
54) Dibenzofuran	10.14	168	1363822	23.57	nq	# 90
55) 4-Nitrophenol	10.03	139	219413	32.24	nq	# 86
56) 2,4-Dinitrotoluene	10.12	165	313856	21.33	nq	# 41
57) Fluorene	10.49	166	1021525	21.32	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	287748	30.04	nq	98
59) Diethylphthalate	10.36	149	1240671	23.21	nq	94
60) 4-Chlorophenyl-phenylether	10.49	204	518651	23.27	nq	93
61) 4-Nitroaniline	10.50	138	283261	25.21	nq	93
62) Azobenzene	10.65	77	1395058	30.57	nq	93
64) 4,6-Dinitro-2-methylphenol	10.53	198	124247	18.78	nq	# 52
65) n-Nitrosodiphenylamine	10.60	169	1018918	24.85	nq	97
66) 4-Bromophenyl-phenylether	10.98	248	335965	24.53	nq	# 90
67) Hexachlorobenzene	11.04	284	347047	23.37	nq	92
68) Atrazine	11.13	200	324843	25.44	nq	98
69) Pentachlorophenol	11.23	266	212480	42.37	nq	98
70) Phenanthrene	11.45	178	1590132	23.02	nq	99
71) Anthracene	11.50	178	1782301	24.72	nq	97
72) Carbazole	11.65	167	1551907	25.19	nq	98
73) Di-n-butylphthalate	12.00	149	1903813	24.01	nq	98
74) Fluoranthene	12.64	202	1695957	23.35	nq	97
76) Benzidine	12.76	184	980693	30.16	nq	99
77) Pyrene	12.87	202	1692986	21.80	nq	99
79) Butylbenzylphthalate	13.49	149	771630	23.30	nq	93
80) Benzo(a)anthracene	14.05	228	1291099	22.71	nq	98
81) 3,3'-Dichlorobenzidine	14.02	252	525072	29.62	nq	# 98
82) Chrysene	14.09	228	1244441	24.46	nq	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	899651	21.58	nq	# 99
84) Di-n-octyl phthalate	14.67	149	1446878	24.07	nq	100
85) Indeno(1,2,3-cd)pyrene	16.91	276	908357	17.82	nq	100
87) Benzo(b)fluoranthene	15.08	252	997207m	20.38	nq	
88) Benzo(k)fluoranthene	15.12	252	1021808m	30.94	nq	
89) Benzo(a)pyrene	15.44	252	940887	23.42	nq	99
90) Dibenzo(a,h)anthracene	16.93	278	747240	19.54	nq	# 97
91) Benzo(g,h,i)perylene	17.35	276	747768	19.09	nq	96

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

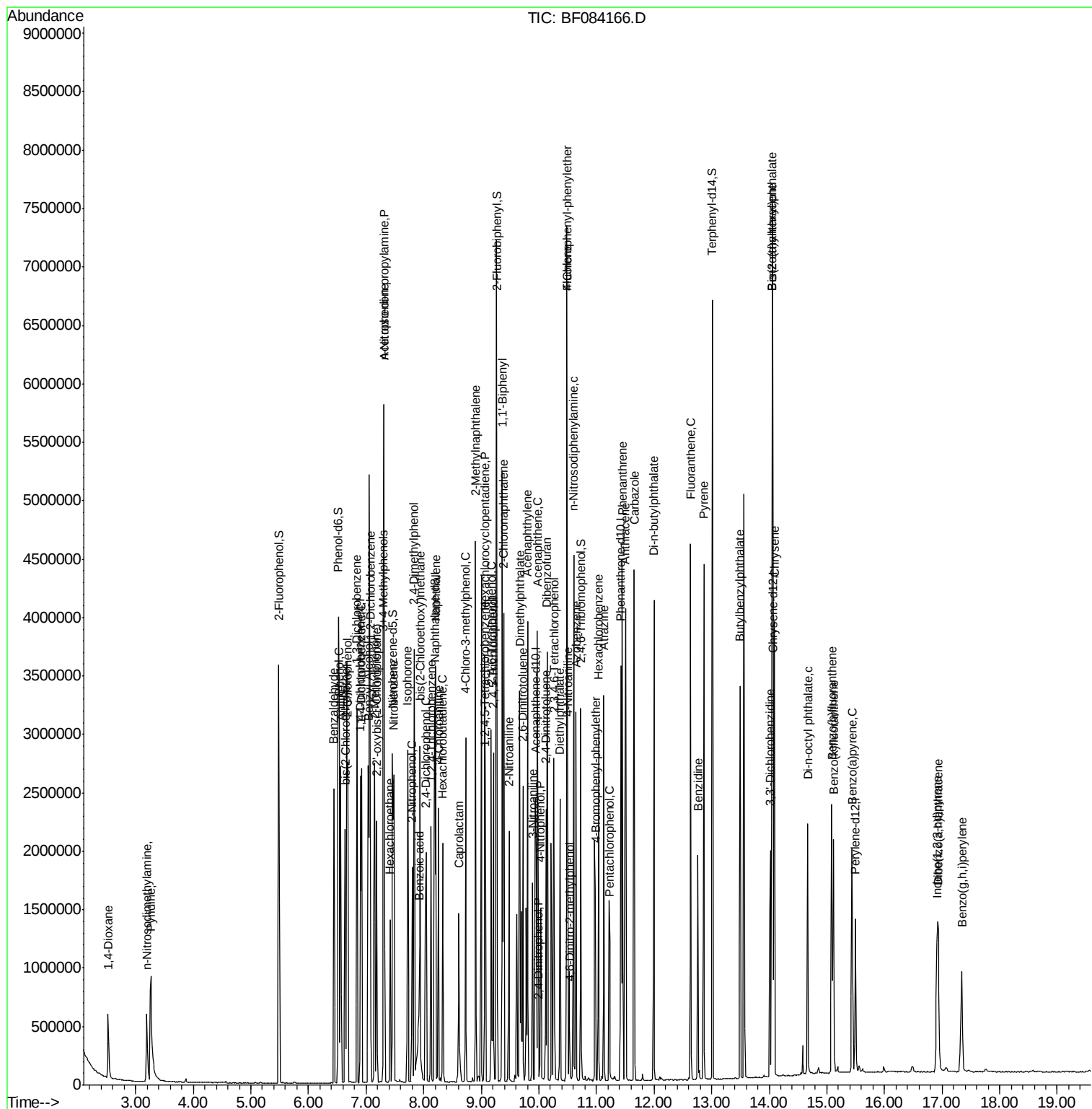
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF123015\  
Data File : BF084166.D  
Acq On    : 31 Dec 2015  00:27  
Operator  : UM/SJ  
Sample    : SSTDICC025  
Misc      :  
ALS Vial  : 5      Sample Multiplier: 1
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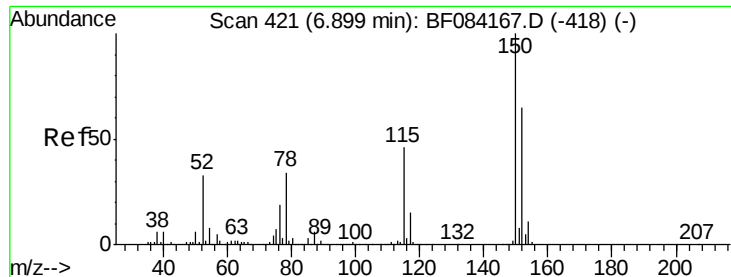
Instrument :
BNA_F
ClientSampleId :
SSTDICC025

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#1

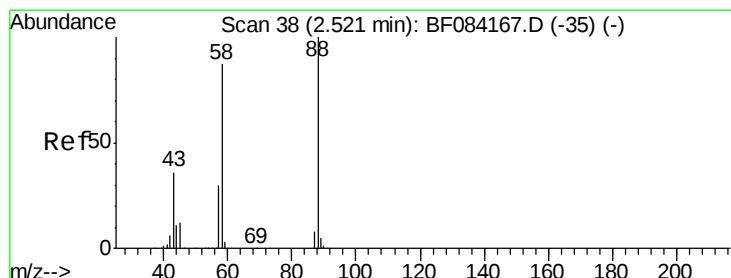
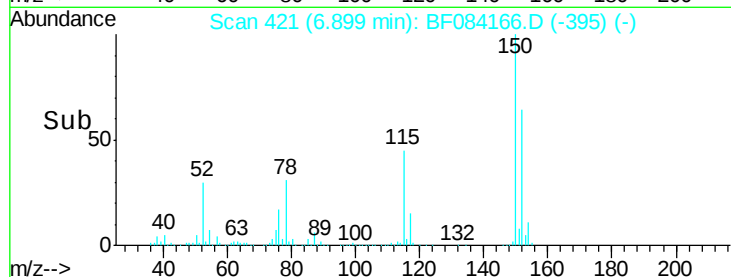
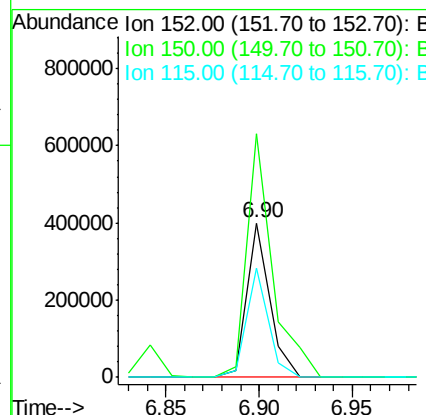
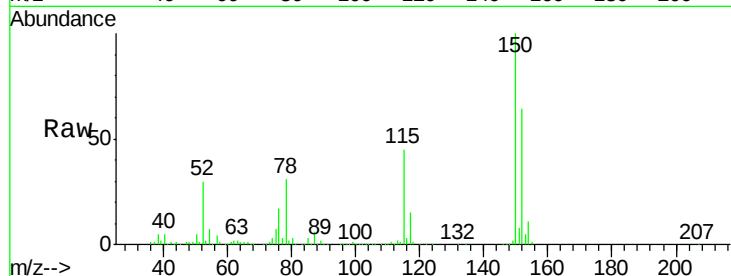
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF084166.D
Acq: 31 Dec 2015 00:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	123.8	185.8
115	70.5	57.1	85.7

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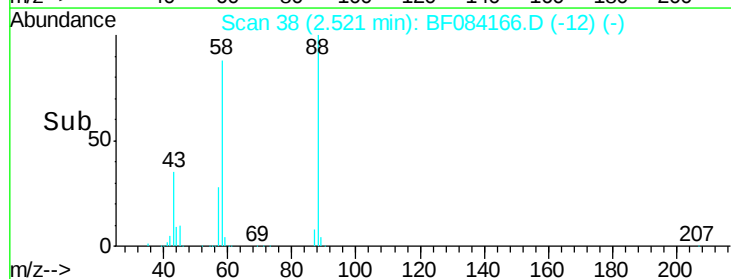
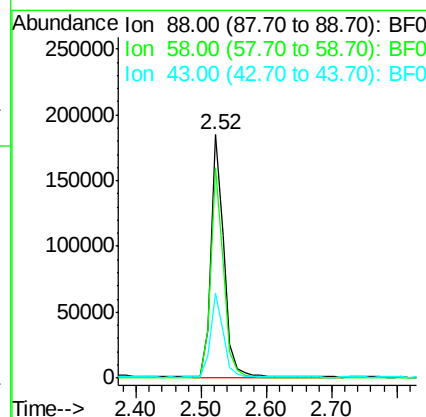
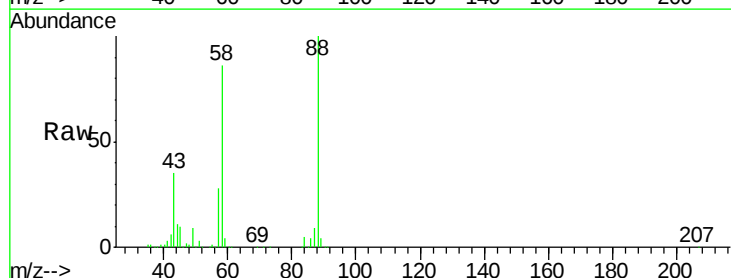
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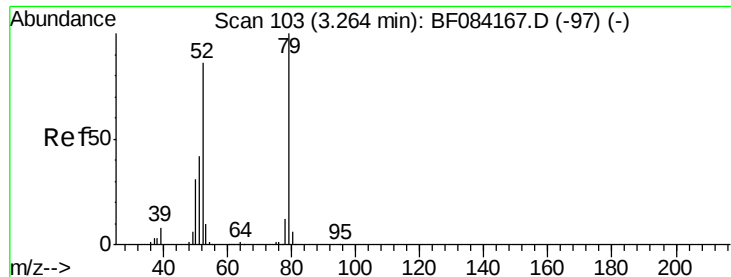


#2

1,4-Dioxane
Concen: 29.55 ng
RT: 2.52 min Scan# 38
Delta R.T. 0.00 min
Lab File: BF084166.D
Acq: 31 Dec 2015 00:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.6	67.8	101.6
43	34.8	27.8	41.8





#3

Pvridine

Concen: 33.52 ng

RT: 3.26 min Scan# 103

Delta R.T. 0.00 min

Lab File: BF084166.D

Acq: 31 Dec 2015 00:27

Instrument :

BNA_F

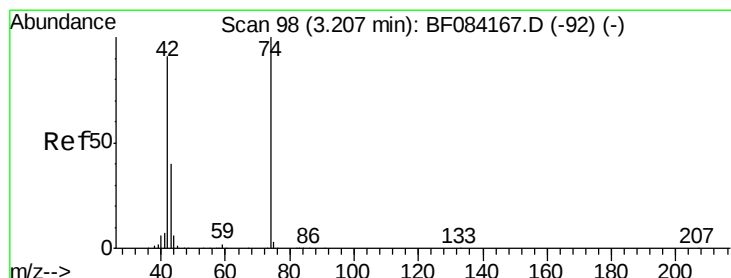
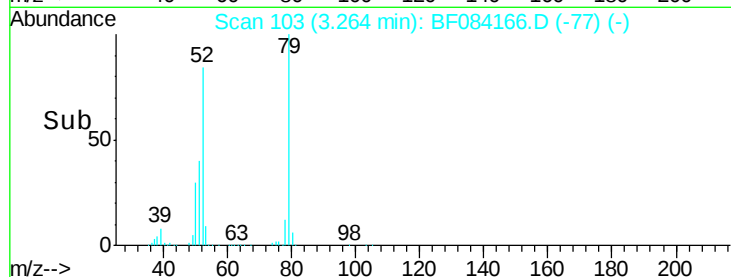
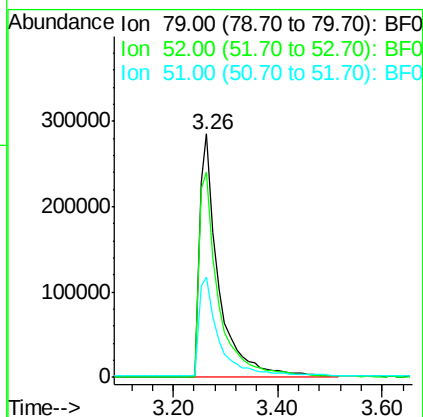
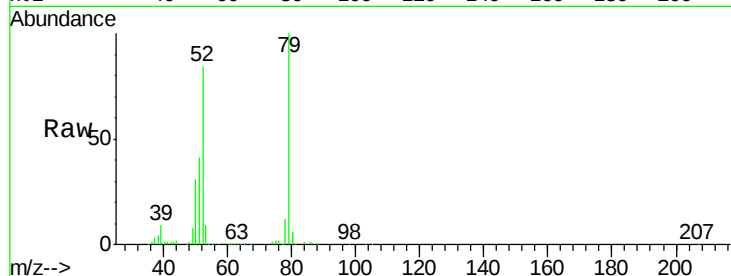
ClientSampleId :

SSTDIC025

Tot Ion:	79	Resp:	726808
Ion	Ratio	Lower	Upper
79	100		
52	84.3	68.5	102.7
51	41.0	33.7	50.5

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 33.91 ng

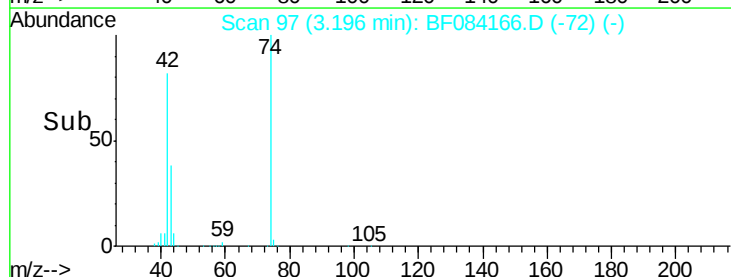
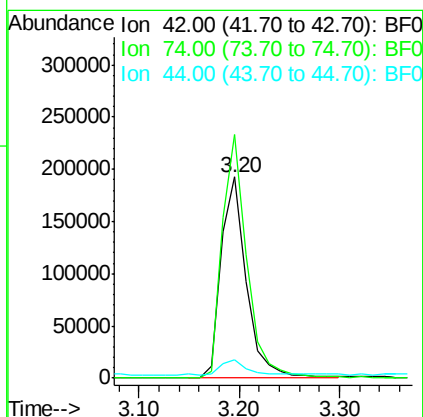
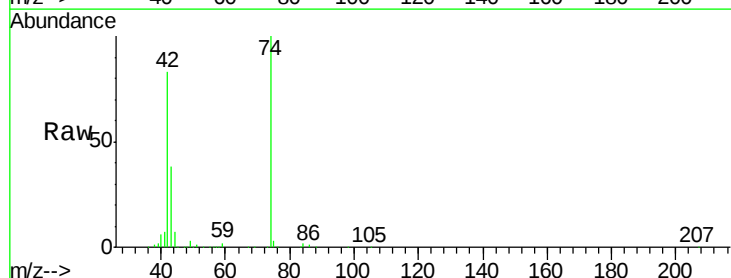
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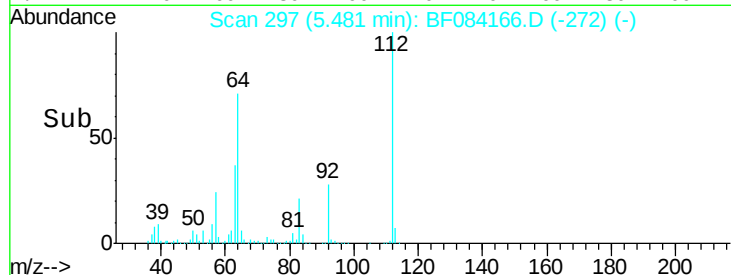
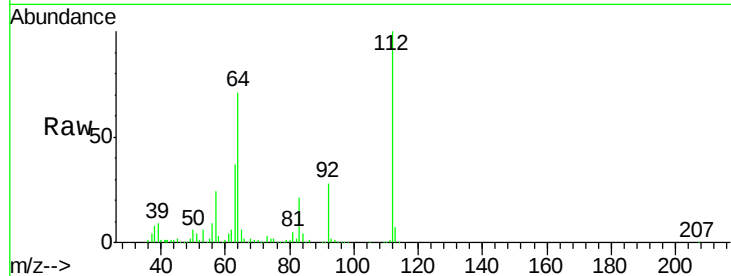
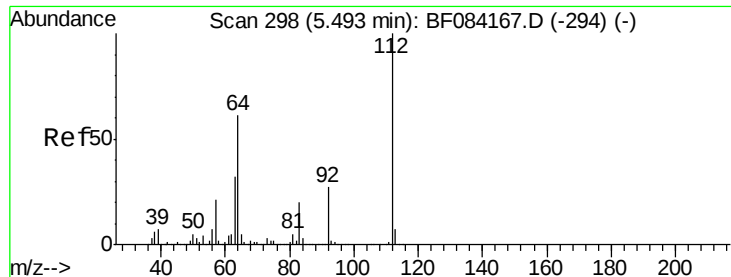
Delta R.T. -0.01 min

Lab File: BF084166.D

Acq: 31 Dec 2015 00:27

Tgt Ion:	42	Resp:	334815
Ion	Ratio	Lower	Upper
42	100		
74	121.1	87.8	131.8
44	9.1	6.3	9.5





#5

2-Fluorophenol

Concen: 50.74 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.01 min

Lab File: BF084166.D

Acq: 31 Dec 2015 00:27

Tot Ion:	112	Resp:	1035145
Ion	Ratio	Lower	Upper
112	100		
64	71.0	48.7	73.1
63	37.0	25.9	38.9

Instrument :

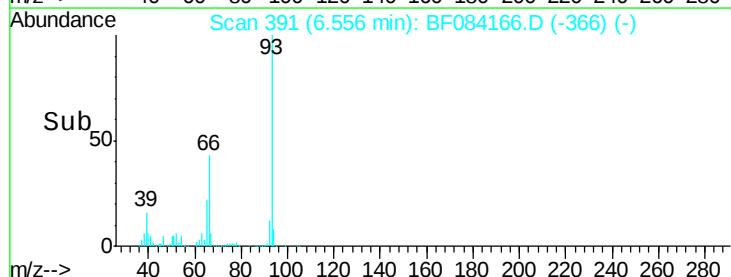
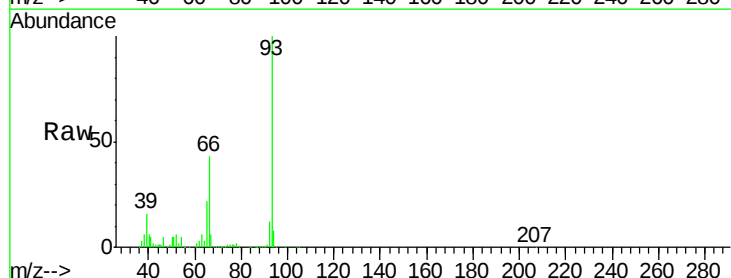
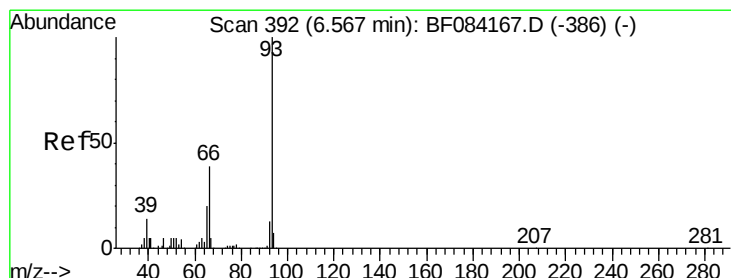
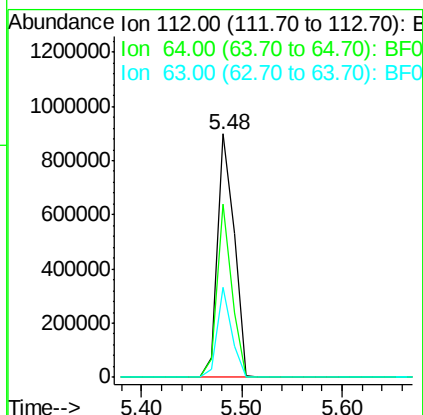
BNA_F

ClientSampleId :

SSTDIC025

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#6

Aniline

Concen: 29.38 ng

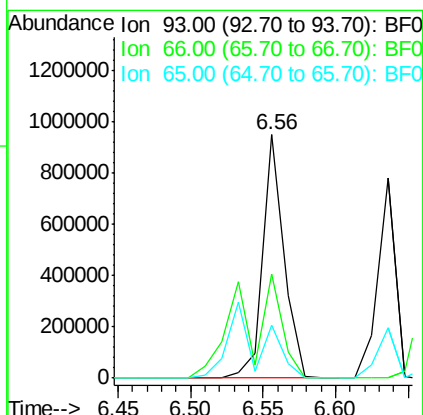
RT: 6.56 min Scan# 391

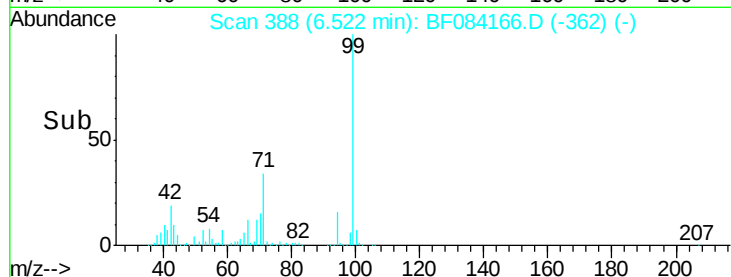
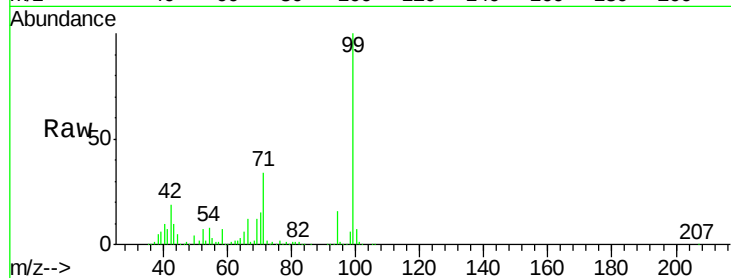
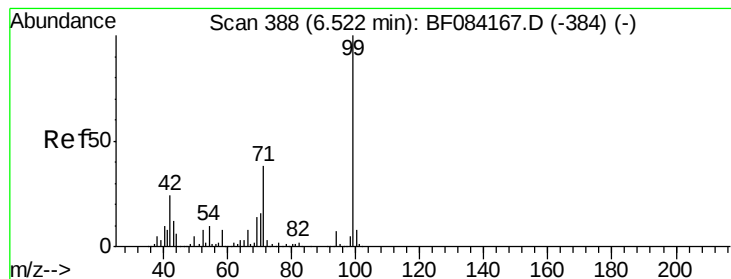
Delta R.T. -0.01 min

Lab File: BF084166.D

Acq: 31 Dec 2015 00:27

Tgt Ion:	93	Resp:	959611
Ion	Ratio	Lower	Upper
93	100		
66	42.6	31.2	46.8
65	21.9	16.2	24.4





#7

Phenol-d6

Concen: 56.68 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF084166.D

Acq: 31 Dec 2015 00:27

Tot Ion: 99 Resp: 1439118

Ion Ratio Lower Upper

99 100

42 19.5 19.2 28.8

71 33.7 30.4 45.6

Instrument :

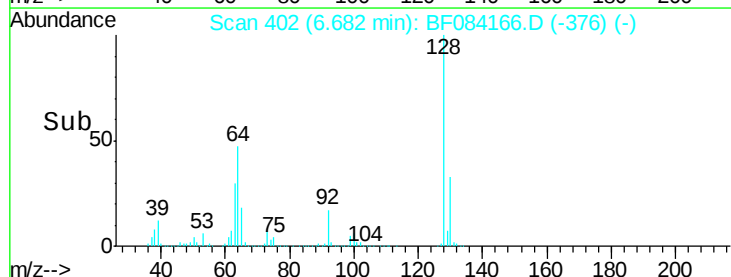
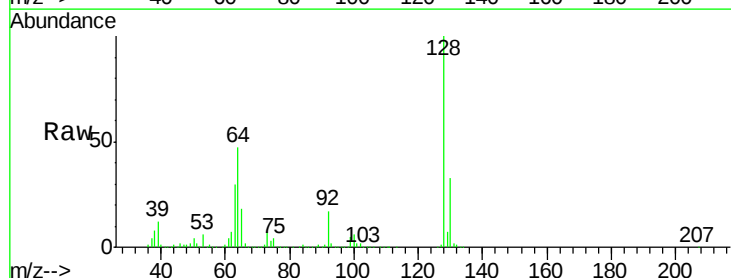
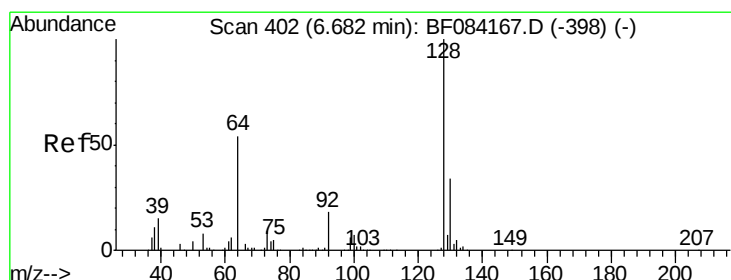
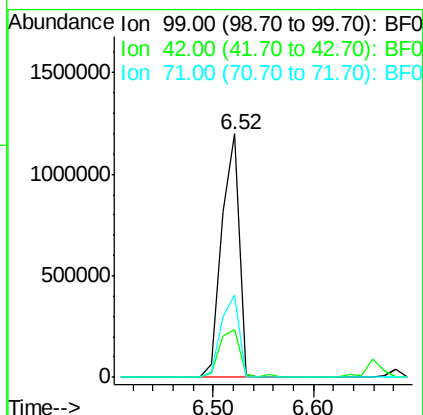
BNA_F

ClientSampleId :

SSTDIC025

Manual Integrations
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#8

2-Chlorophenol

Concen: 26.07 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF084166.D

Acq: 31 Dec 2015 00:27

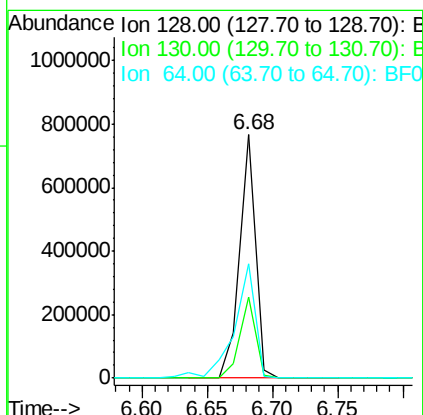
Tgt Ion:128 Resp: 644836

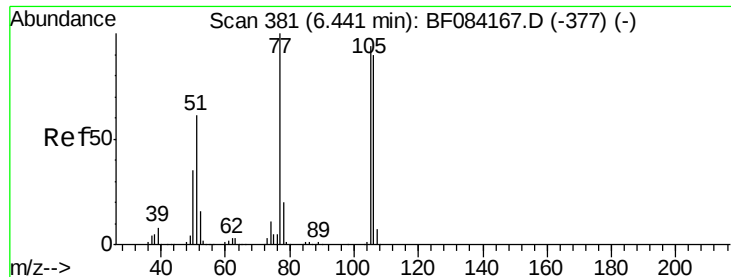
Ion Ratio Lower Upper

128 100

130 33.5 13.5 53.5

64 47.0 36.9 76.9





#9

Benzaldehyde

Concen: 33.88 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF084166.D

Acq: 31 Dec 2015 00:27

Instrument :

BNA_F

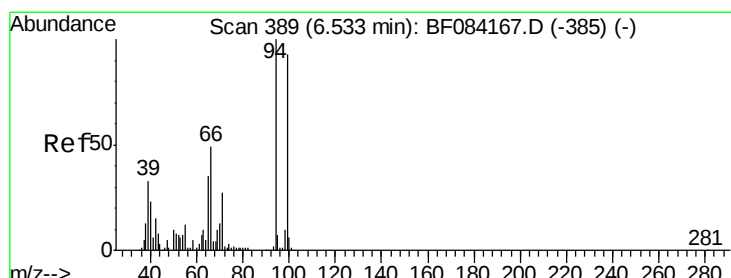
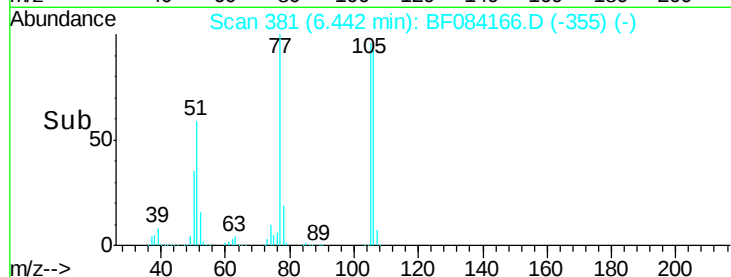
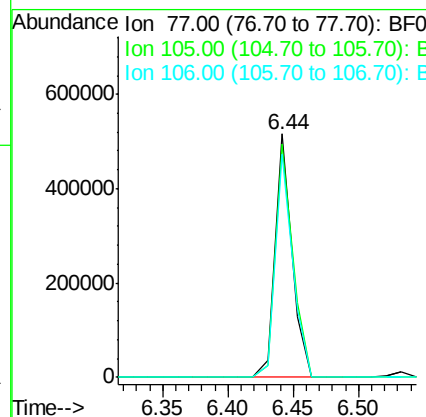
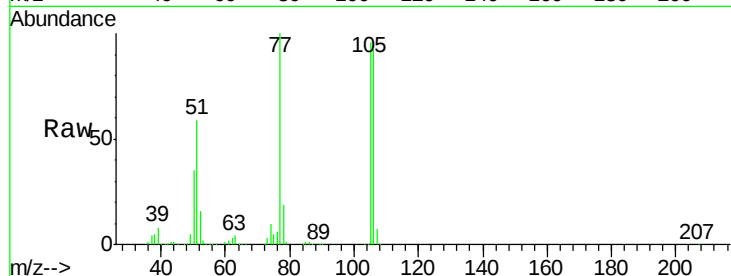
ClientSampleId :

SSTDIC025

Tot Ion:	77	Resp:	468342
Ion Ratio	Lower	Upper	
77	100		
105	96.1	73.7	113.7
106	91.7	69.5	109.5

Manual Integrations
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#10

Phenol

Concen: 31.44 ng

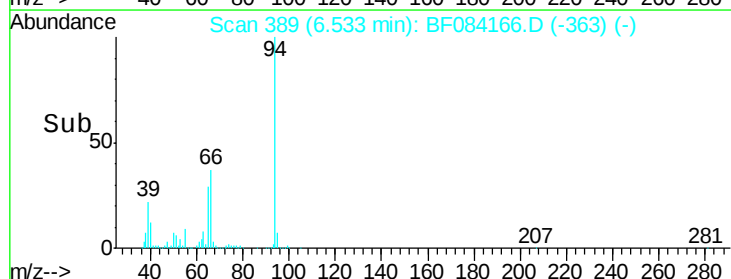
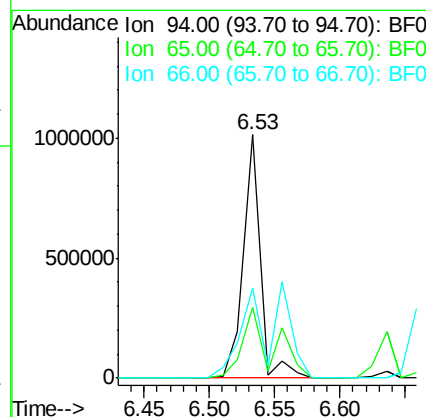
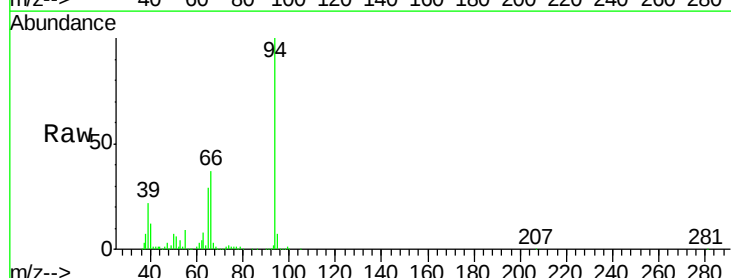
RT: 6.53 min Scan# 389

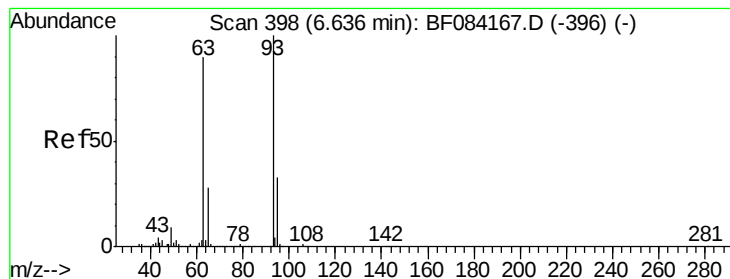
Delta R.T. 0.00 min

Lab File: BF084166.D

Acq: 31 Dec 2015 00:27

Tgt Ion:	94	Resp:	907231
Ion Ratio	Lower	Upper	
94	100		
65	28.9	15.2	55.2
66	36.9	29.0	69.0





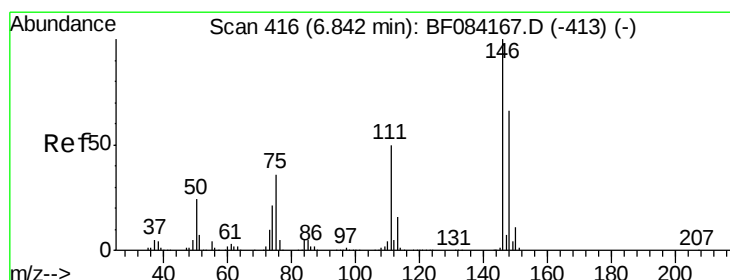
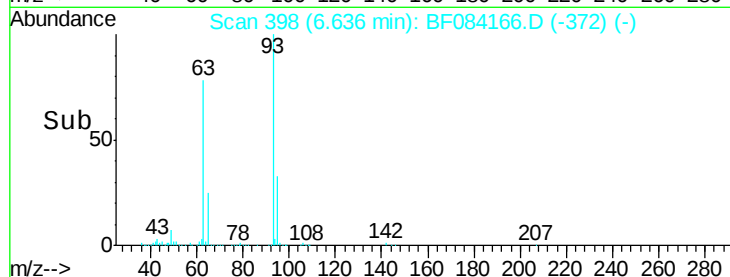
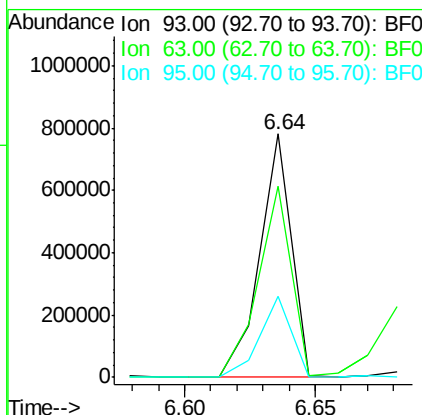
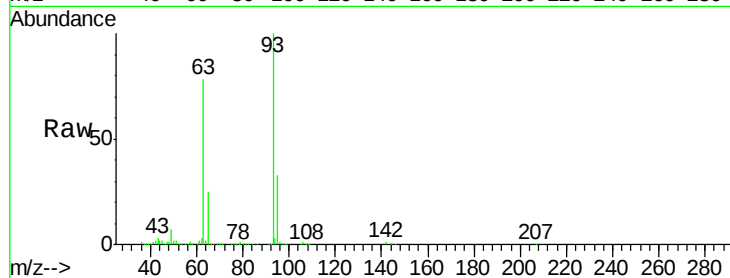
#11
bis(2-Chloroethyl)ether
Concen: 31.24 ng
RT: 6.64 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF084166.D
Acq: 31 Dec 2015 00:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.5	69.5	109.5
95	33.2	13.5	53.5

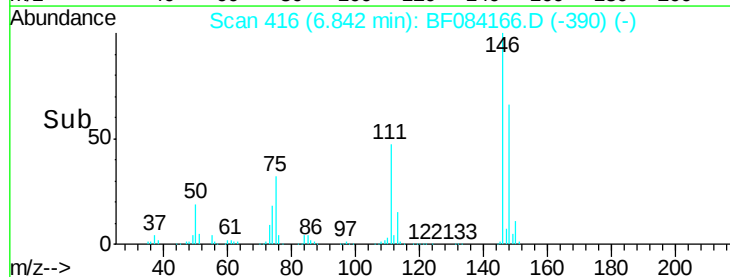
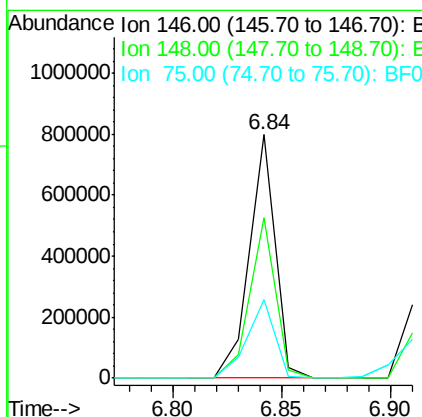
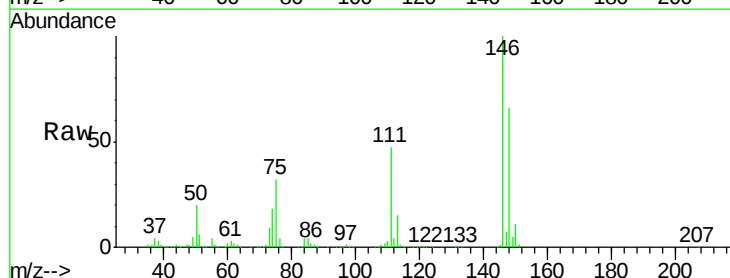
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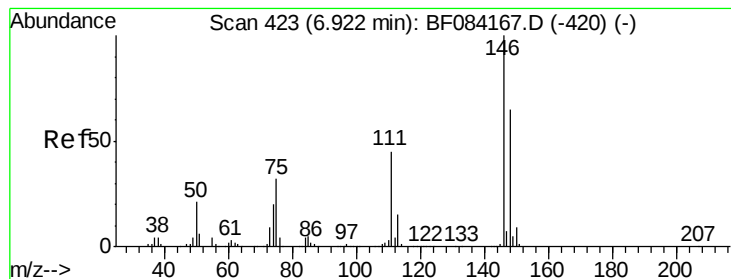
Sohil
12/31/2015 6:41:11 PM



#12
1,3-Dichlorobenzene
Concen: 24.59 ng
RT: 6.84 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF084166.D
Acq: 31 Dec 2015 00:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.6	79.0
75	32.5	29.2	43.8





#13

1,4-Dichlorobenzene

Concen: 24.30 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF084166.D

Acq: 31 Dec 2015 00:27

Instrument :

BNA_F

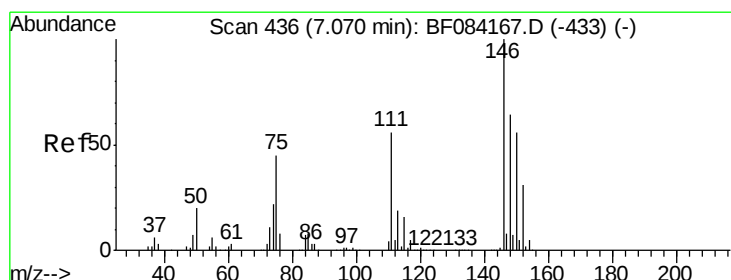
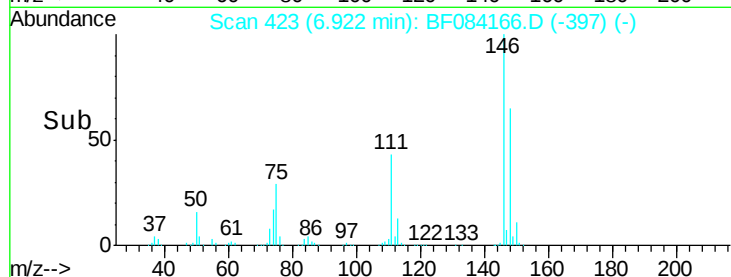
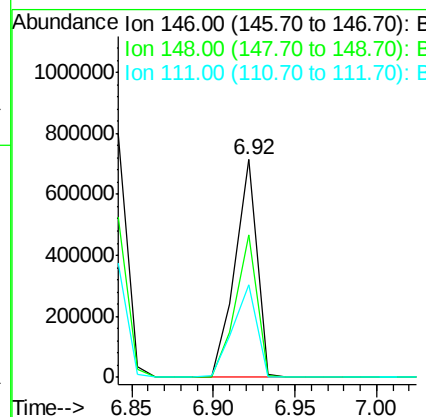
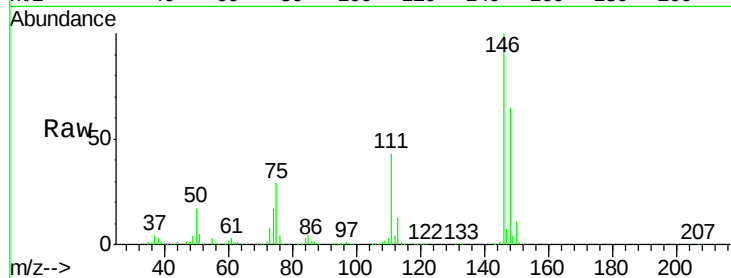
ClientSampleId :

SSTDIC025

Tot Ion:	146	Resp:	663192
Ion Ratio	Lower	Upper	
146	100		
148	65.4	52.2	78.2
111	42.6	36.2	54.2

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#14

1,2-Dichlorobenzene

Concen: 24.38 ng

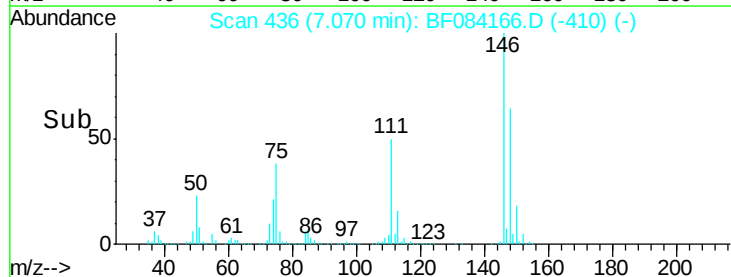
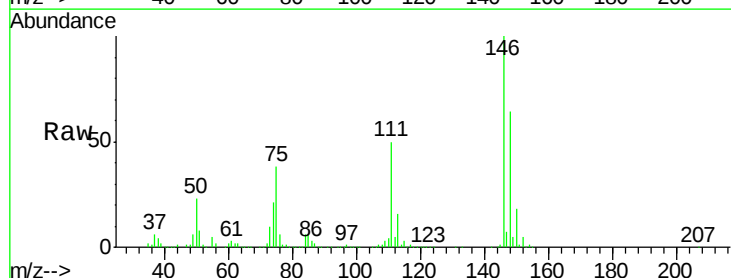
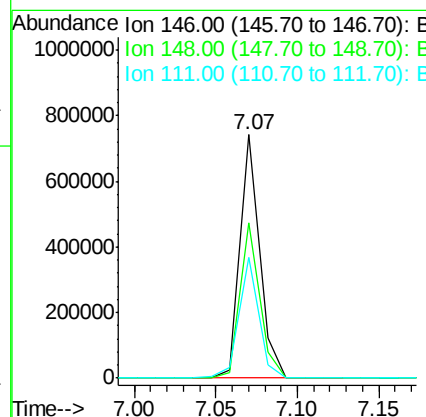
RT: 7.07 min Scan# 436

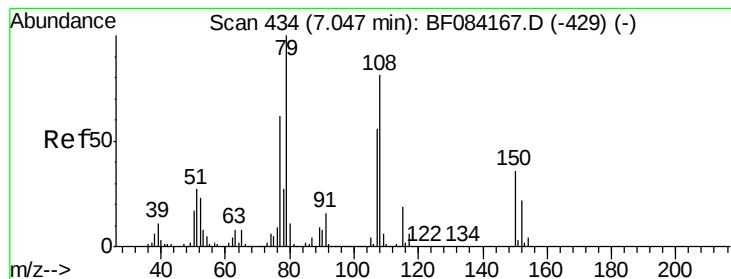
Delta R.T. 0.00 min

Lab File: BF084166.D

Acq: 31 Dec 2015 00:27

Tgt Ion:	146	Resp:	609117
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.3	76.9
111	49.8	45.0	67.4





#15

Benzyl Alcohol

Concen: 27.19 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF084166.D

Acq: 31 Dec 2015 00:27

Instrument :

BNA_F

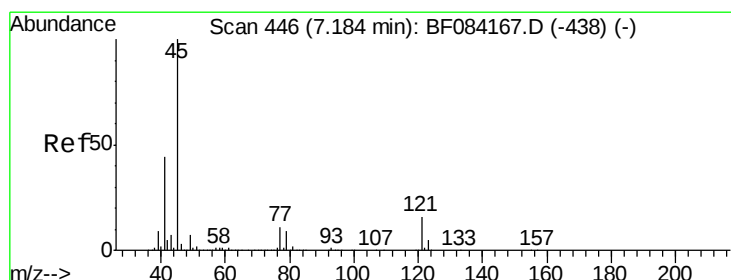
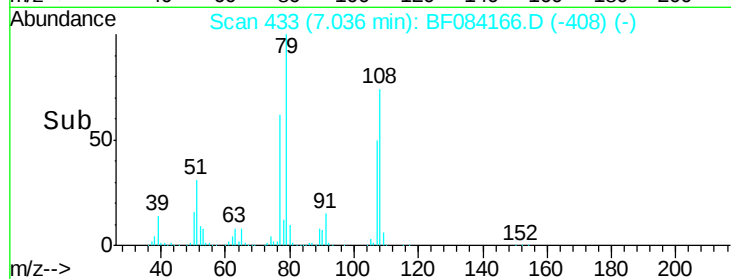
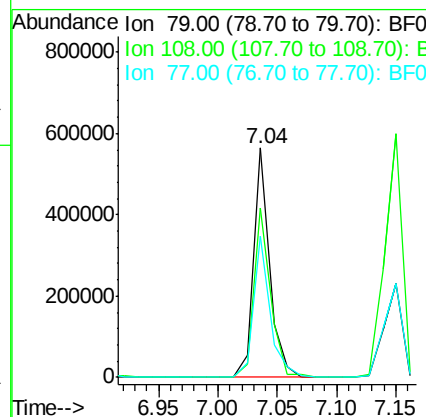
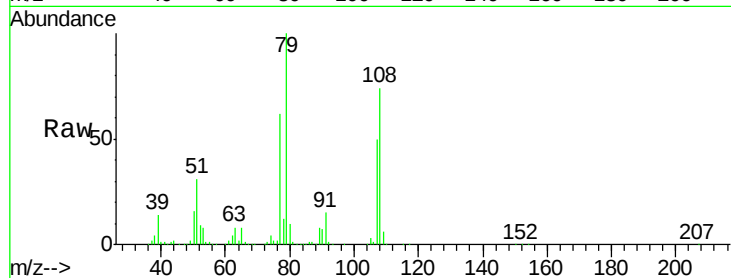
ClientSampleId :

SSTDIC025

Tot Ion:	79	Resp:	536498
Ion Ratio	Lower	Upper	
79	100		
108	74.0	65.1	97.7
77	61.8	49.8	74.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.05 ng

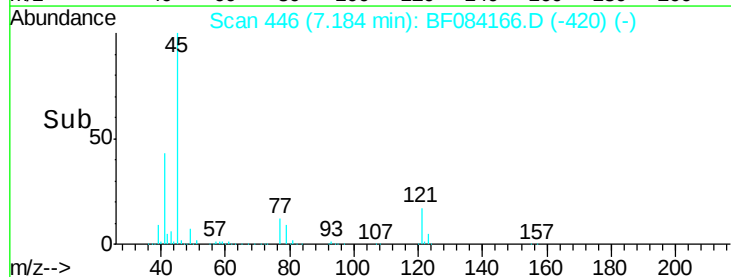
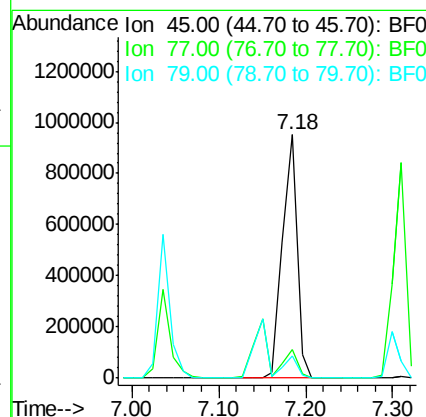
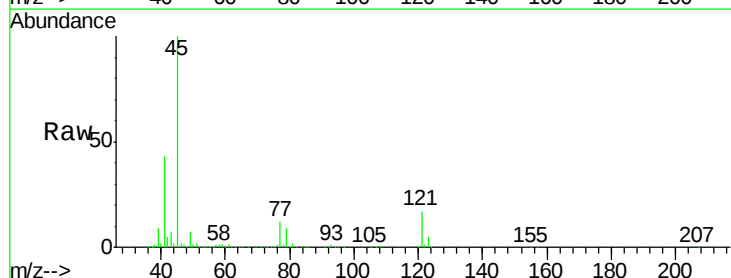
RT: 7.18 min Scan# 446

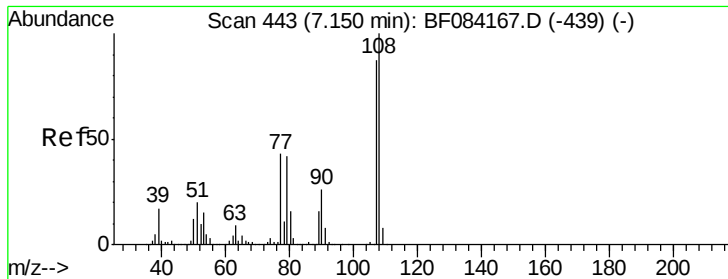
Delta R.T. 0.00 min

Lab File: BF084166.D

Acq: 31 Dec 2015 00:27

Tgt Ion:	45	Resp:	1098882
Ion Ratio	Lower	Upper	
45	100		
77	11.8	0.0	31.2
79	9.0	0.0	28.8





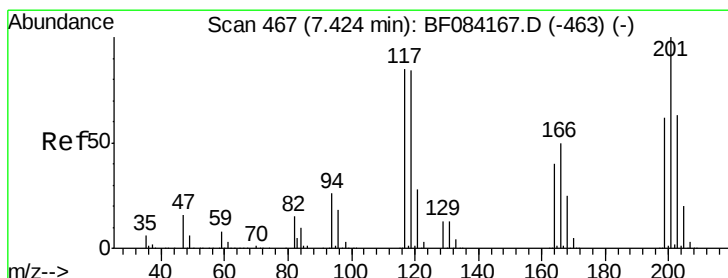
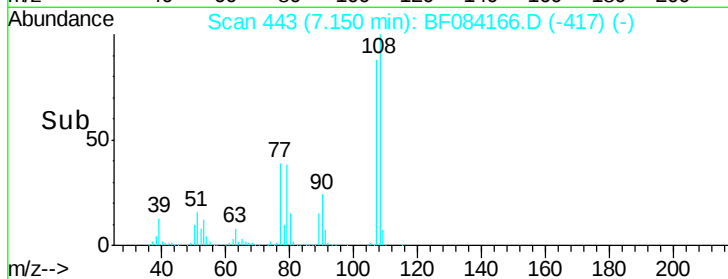
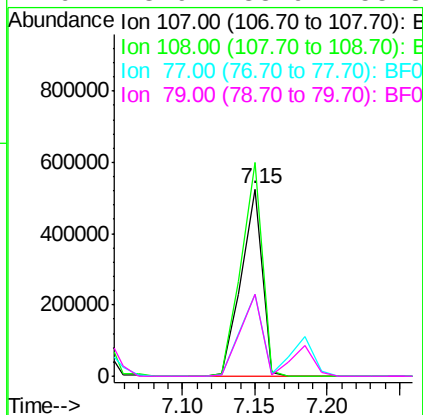
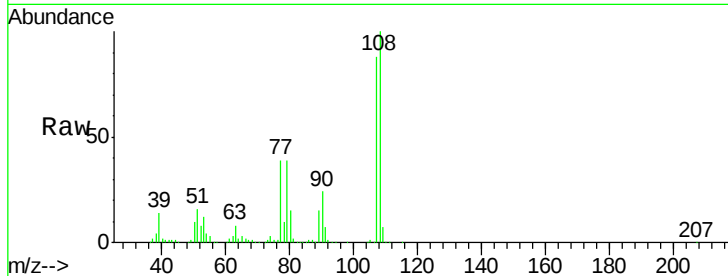
#17
2-Methylphenol
Concen: 27.21 ng
RT: 7.15 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF084166.D
Acq: 31 Dec 2015 00:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion:	107	Resp:	530121
Ion Ratio	Lower	Upper	
107	100		
108	113.9	92.2	138.2
77	44.0	39.6	59.4
79	43.9	38.9	58.3

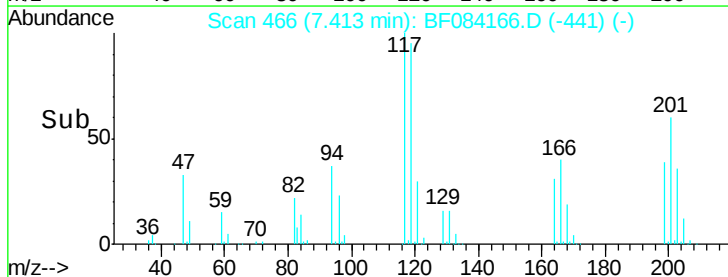
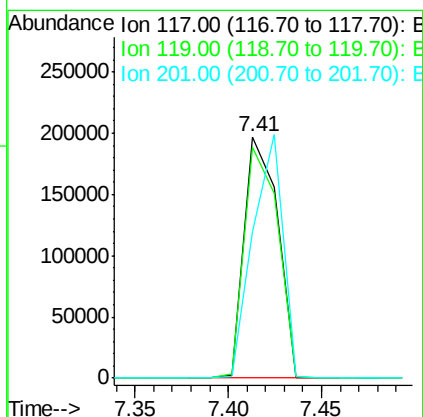
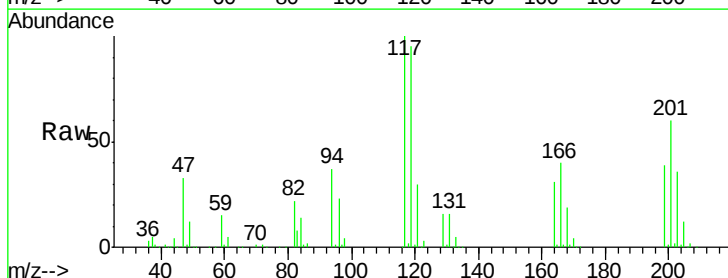
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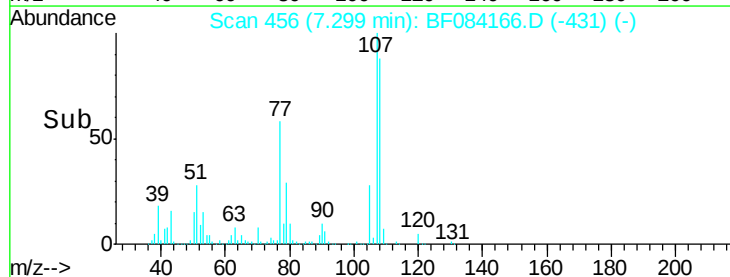
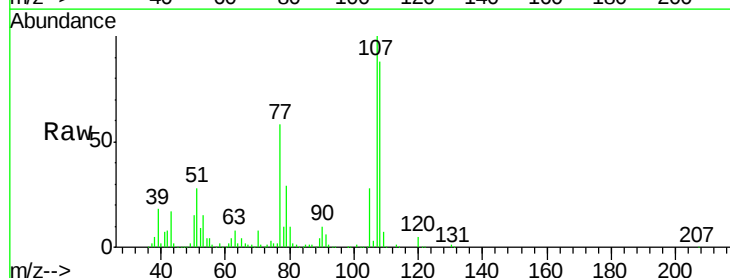
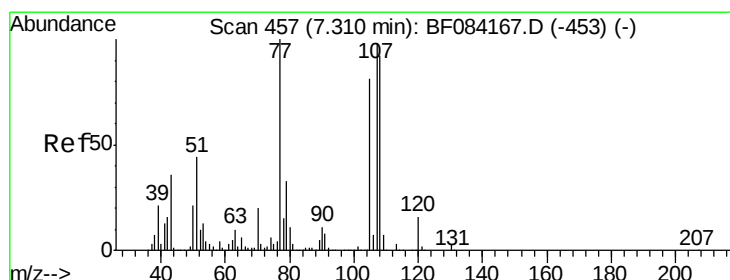
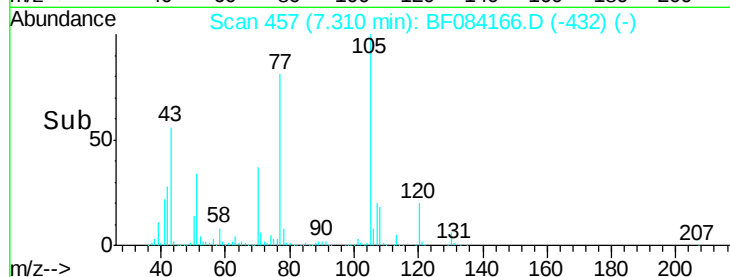
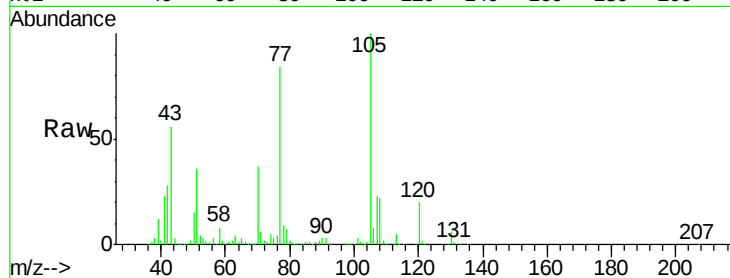
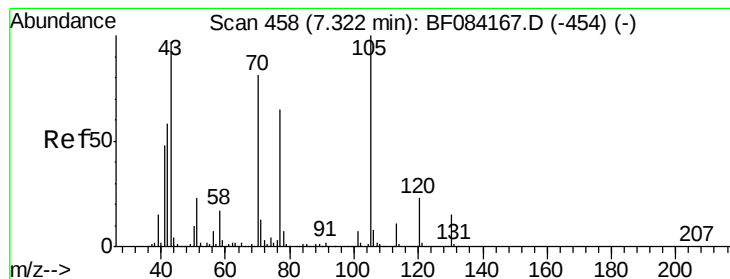
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#18
Hexachloroethane
Concen: 24.44 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF084166.D
Acq: 31 Dec 2015 00:27

Tgt Ion:	117	Resp:	244938
Ion Ratio	Lower	Upper	
117	100		
119	95.4	79.2	118.8
201	60.3	93.9	140.9#





#19

n-Nitroso-di-n-propylamine

Concen: 27.51 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF084166.D

Acq: 31 Dec 2015 00:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

Tot Ion: 70 Resp: 433793

Ion Ratio Lower Upper

70 100

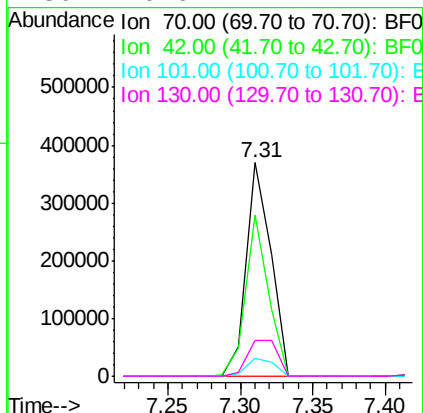
42 75.8 57.4 86.0

101 8.5 7.3 10.9

130 16.6 14.7 22.1

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#20

3+4-Methylphenols

Concen: 24.72 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF084166.D

Acq: 31 Dec 2015 00:27

Tgt Ion:107 Resp: 611662

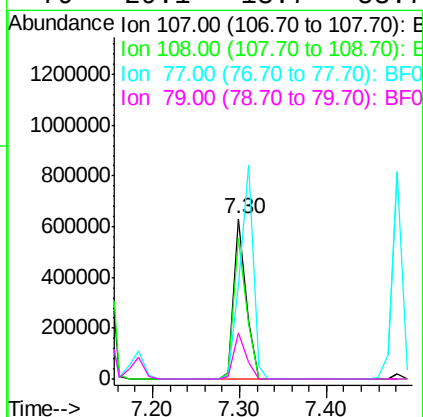
Ion Ratio Lower Upper

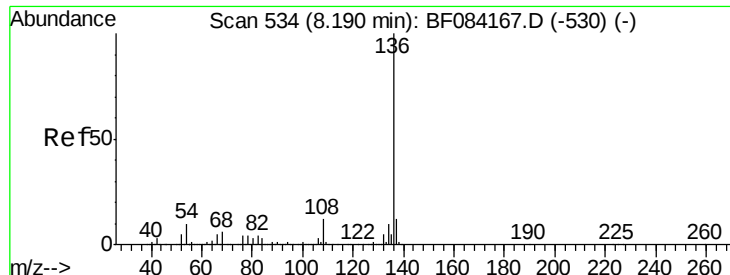
107 100

108 87.5 74.5 114.5

77 58.0 82.4 122.4#

79 29.1 13.7 53.7





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF084166.D

Acq: 31 Dec 2015 00:27

Instrument :

BNA_F

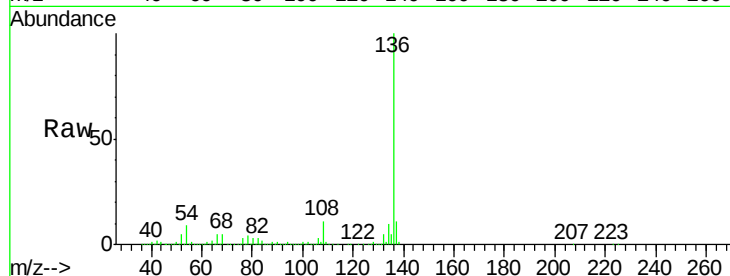
ClientSampleId :

SSTDIC025

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.4	14.0
54	8.6	7.6	11.4
68	5.0	4.6	6.8

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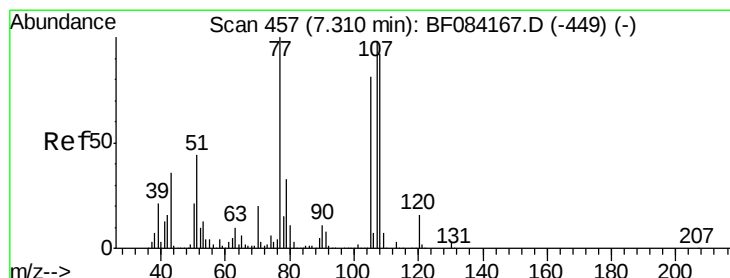
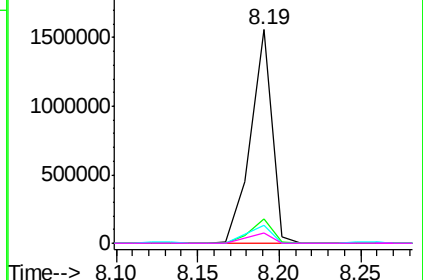
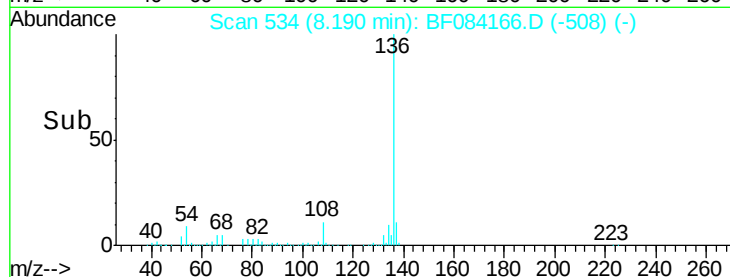


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 24.88 ng

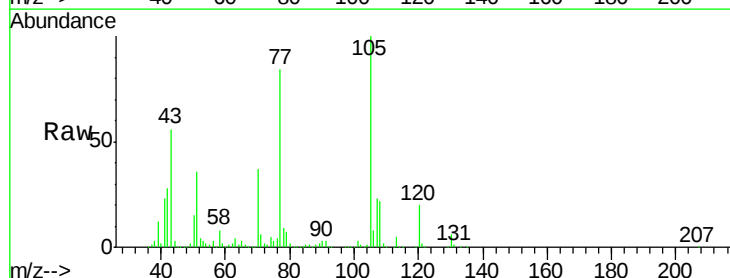
RT: 7.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF084166.D

Acq: 31 Dec 2015 00:27

Tgt Ion	Ratio	Lower	Upper
105	100		
71	6.3	3.2	4.8#
51	36.1	43.2	64.8#
120	19.9	16.0	24.0

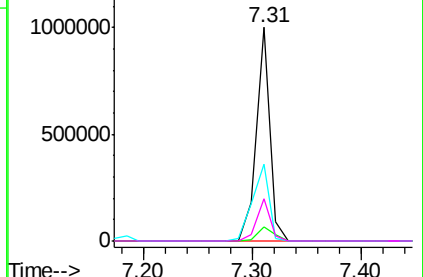
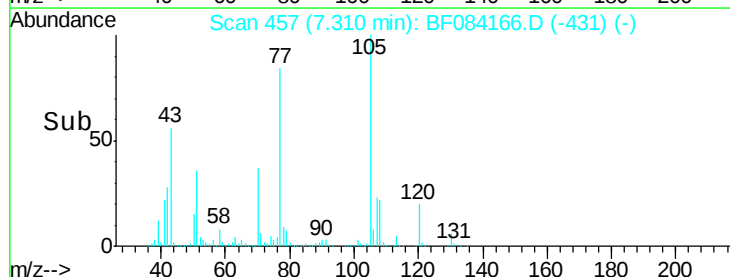


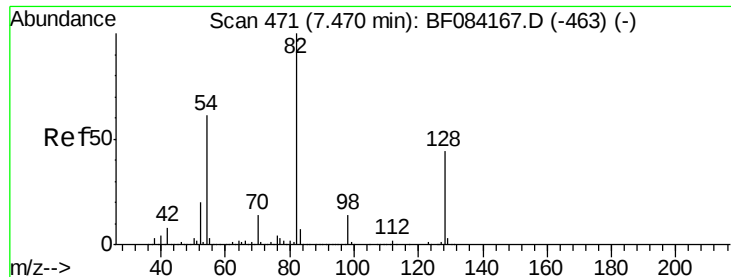
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





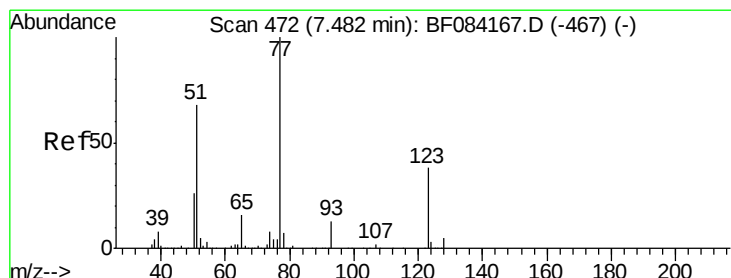
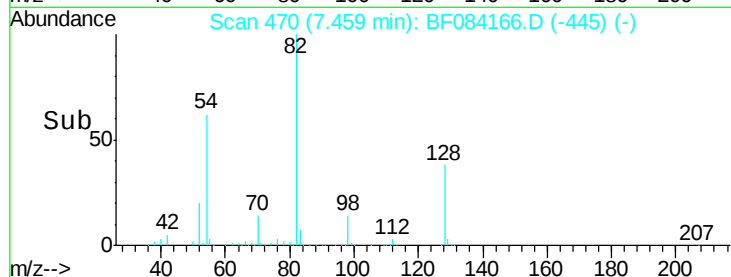
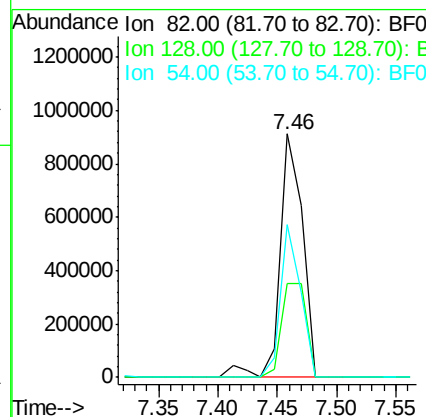
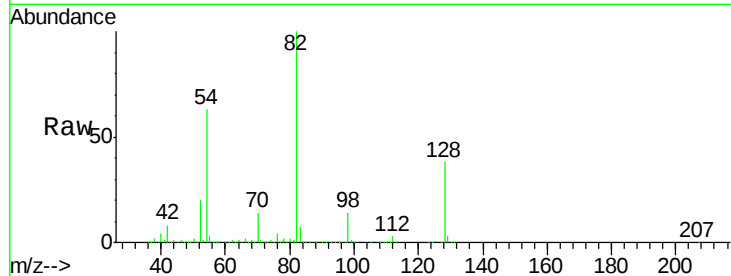
#23
 Nitrobenzene-d5
 Concen: 48.24 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF084166.D
 Acq: 31 Dec 2015 00:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.4	35.0	52.4
54	62.5	48.5	72.7

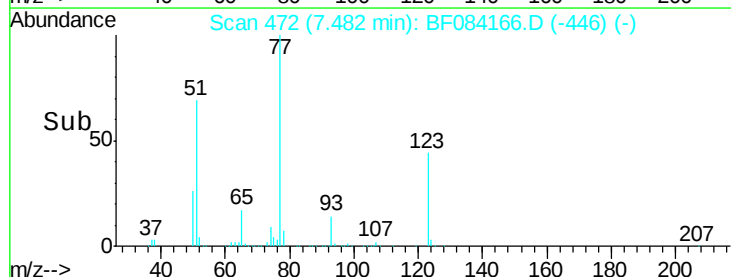
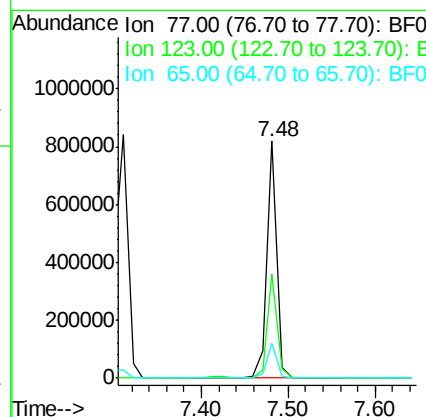
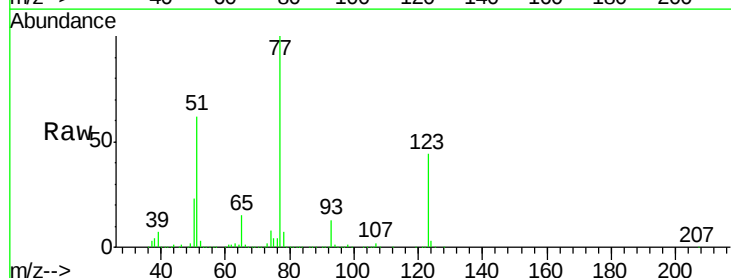
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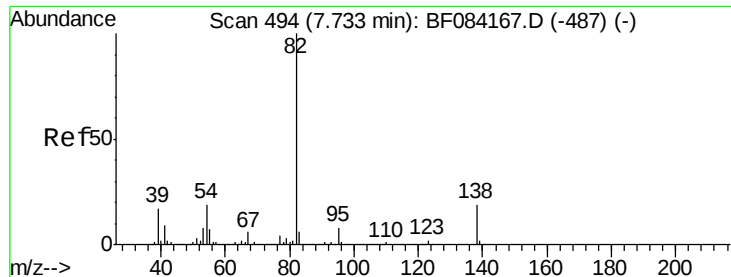
Sohil
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#24
 Nitrobenzene
 Concen: 25.85 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF084166.D
 Acq: 31 Dec 2015 00:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.0	31.3	46.9
65	14.8	12.6	19.0





#25

Isophorone

Concen: 25.34 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF084166.D

Acq: 31 Dec 2015 00:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

Tot Ion: 82 Resp: 1155240

Ion Ratio Lower Upper

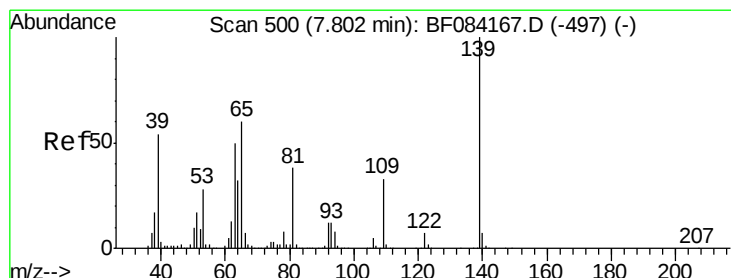
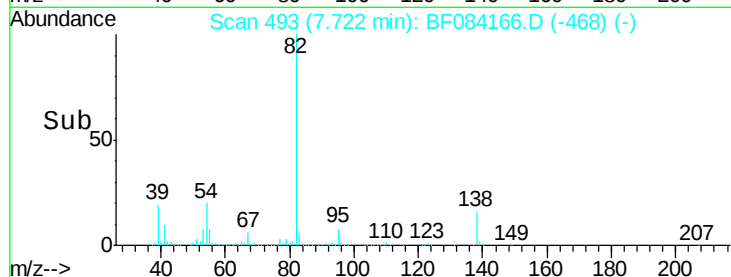
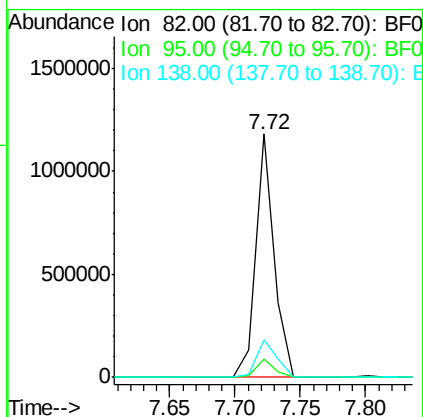
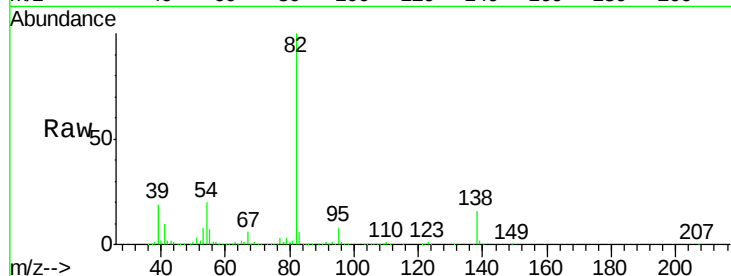
82 100

95 7.7 6.5 9.7

138 15.6 15.1 22.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 21.59 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF084166.D

Acq: 31 Dec 2015 00:27

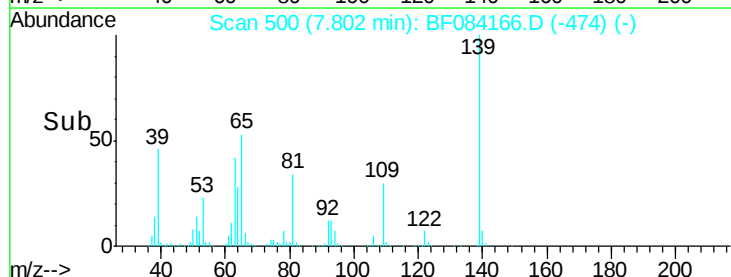
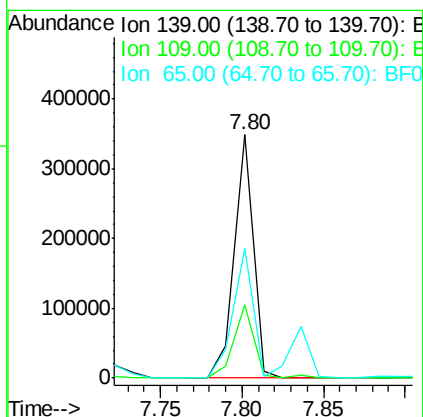
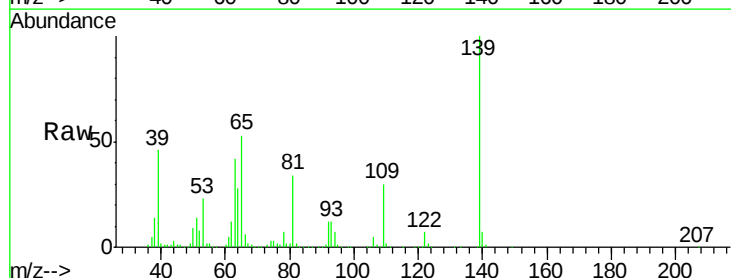
Tgt Ion: 139 Resp: 278519

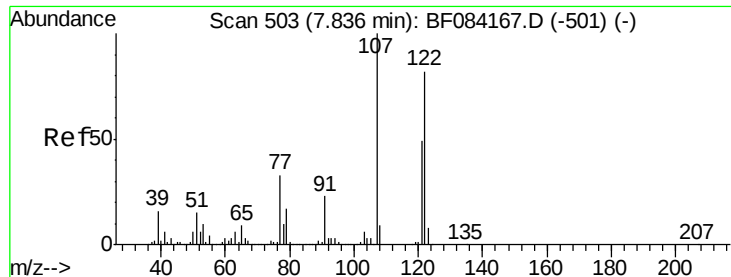
Ion Ratio Lower Upper

139 100

109 30.4 26.2 39.4

65 53.0 48.2 72.4





#27

2,4-Dimethylphenol

Concen: 27.61 ng

RT: 7.84 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF084166.D

Acq: 31 Dec 2015 00:27

Instrument :

BNA_F

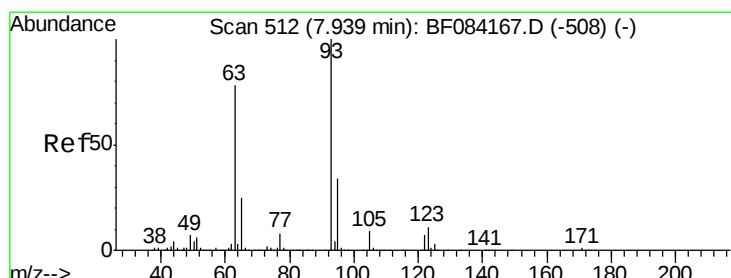
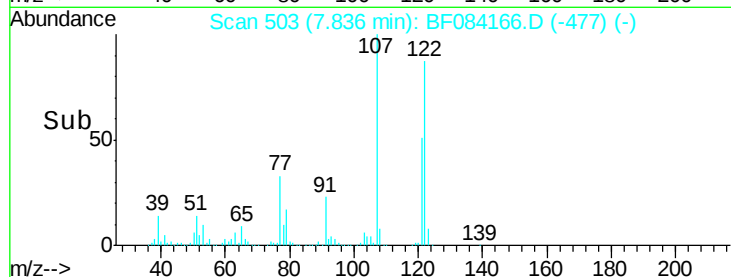
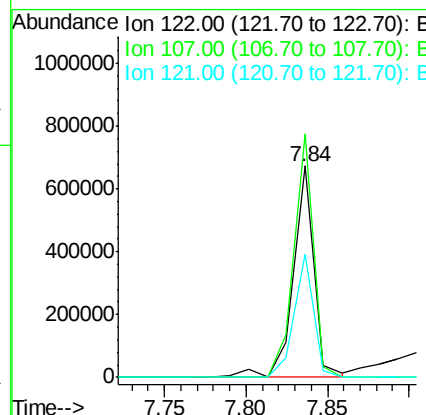
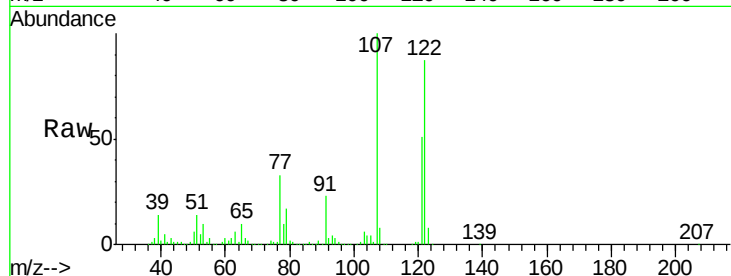
ClientSampled :

SSTDIC025

Tot Ion:	122	Resp:	595807
Ion Ratio	Lower	Upper	
122	100		
107	115.4	96.8	145.2
121	58.5	47.0	70.6

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#28

bis(2-Chloroethoxy)methane

Concen: 30.29 ng

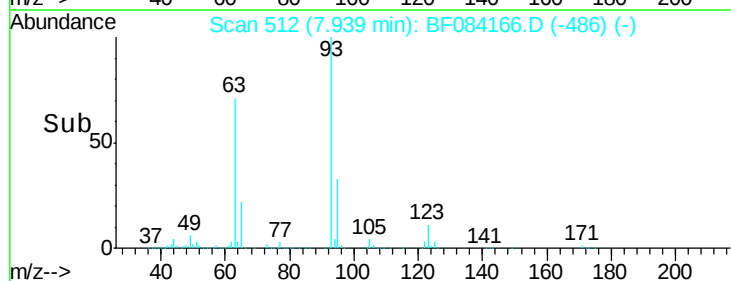
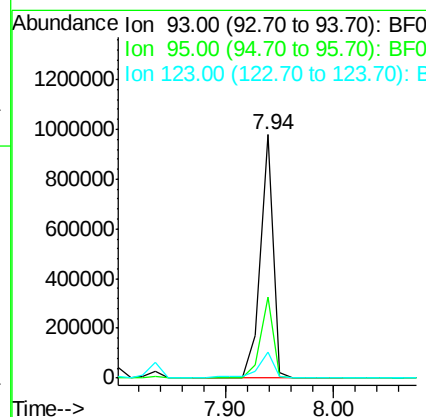
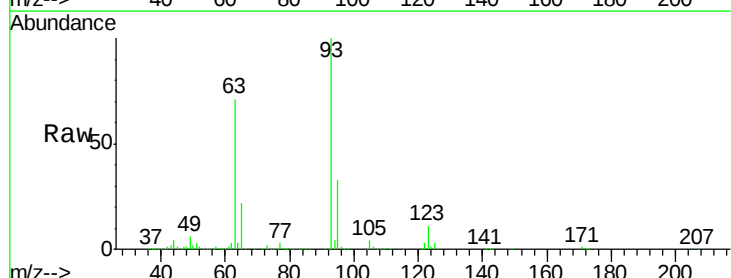
RT: 7.94 min Scan# 512

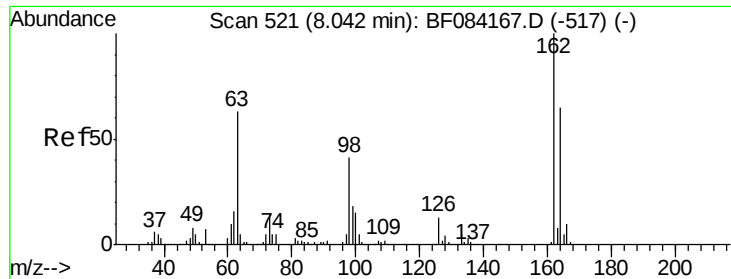
Delta R.T. 0.00 min

Lab File: BF084166.D

Acq: 31 Dec 2015 00:27

Tgt Ion:	93	Resp:	809442
Ion Ratio	Lower	Upper	
93	100		
95	33.5	27.1	40.7
123	10.8	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 25.08 ng

RT: 8.04 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF084166.D

Acq: 31 Dec 2015 00:27

Instrument :

BNA_F

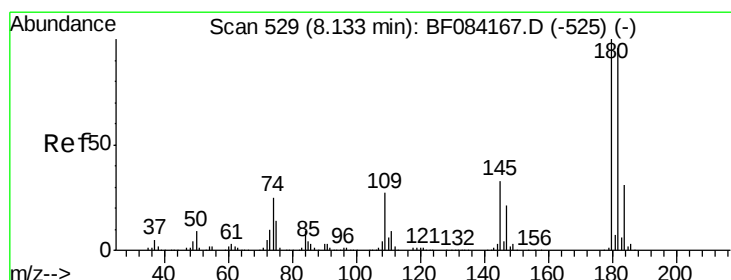
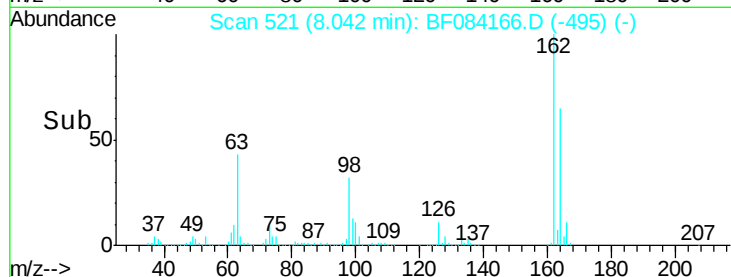
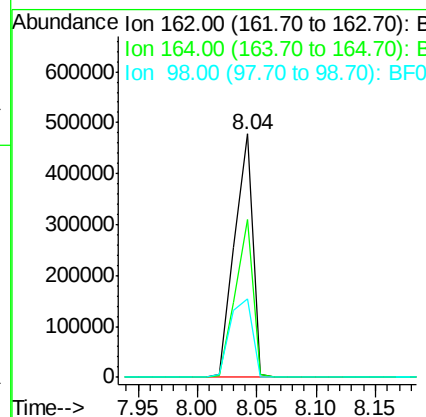
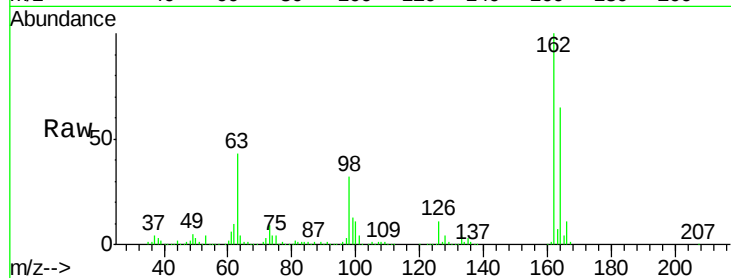
ClientSampleId :

SSTDIC025

Tot Ion:	162	Resp:	512684
Ion Ratio	Lower	Upper	
162	100		
164	65.0	45.2	85.2
98	32.1	21.4	61.4

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#30

1,2,4-Trichlorobenzene

Concen: 24.06 ng

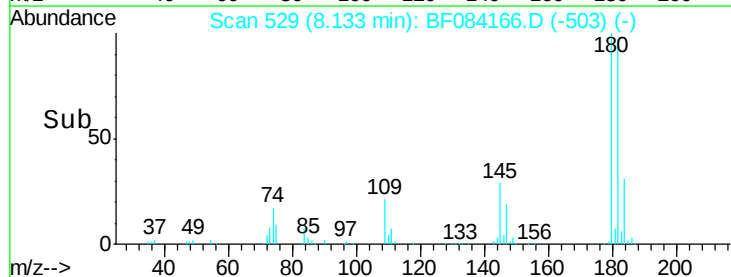
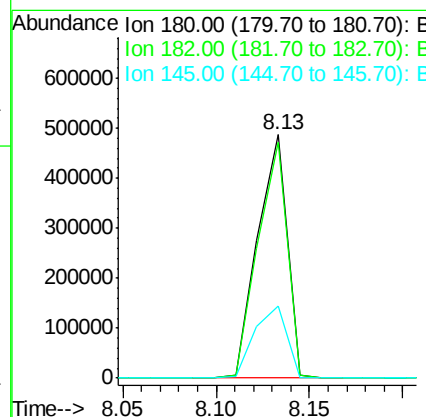
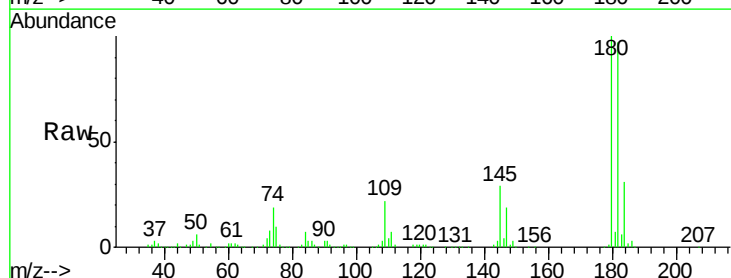
RT: 8.13 min Scan# 529

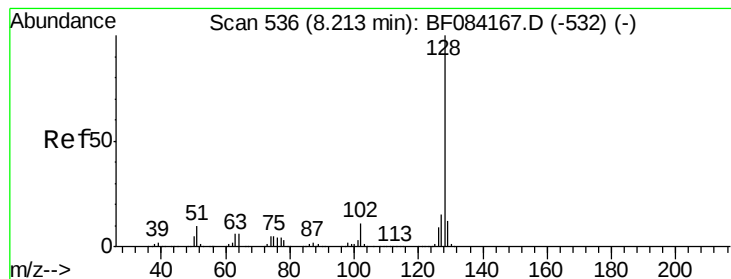
Delta R.T. 0.00 min

Lab File: BF084166.D

Acq: 31 Dec 2015 00:27

Tgt Ion:	180	Resp:	531925
Ion Ratio	Lower	Upper	
180	100		
182	97.0	76.6	114.8
145	29.4	26.2	39.4





#31

Naphthalene

Concen: 23.49 ng

RT: 8.21 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF084166.D

Acq: 31 Dec 2015 00:27

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:128 Resp: 1742721

Ion Ratio Lower Upper

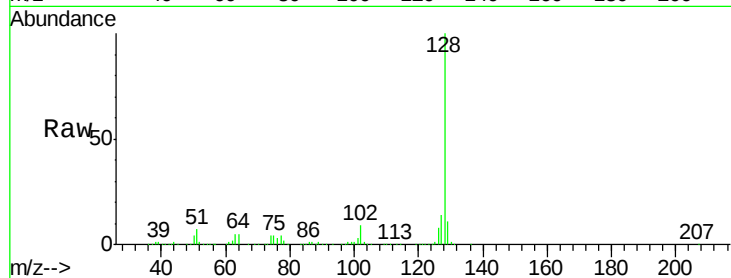
128 100

129 11.3 10.0 15.0

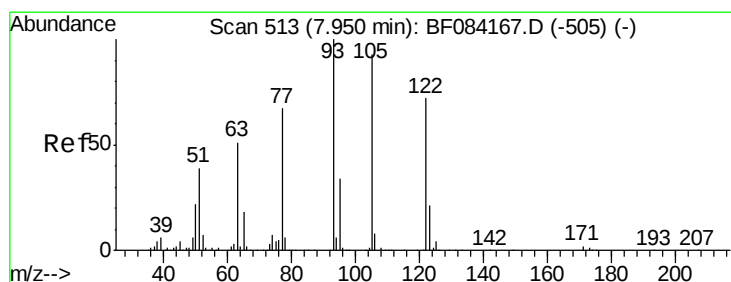
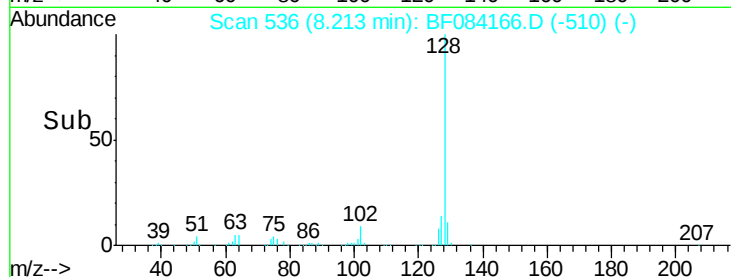
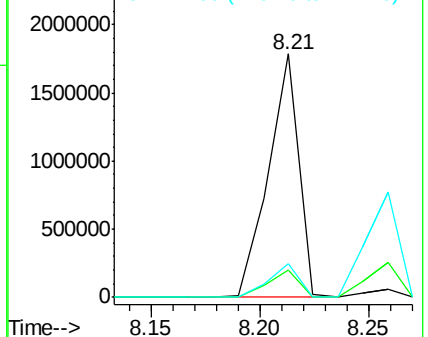
127 13.9 12.0 18.0

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



#32

Benzoic acid

Concen: 31.13 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.02 min

Lab File: BF084166.D

Acq: 31 Dec 2015 00:27

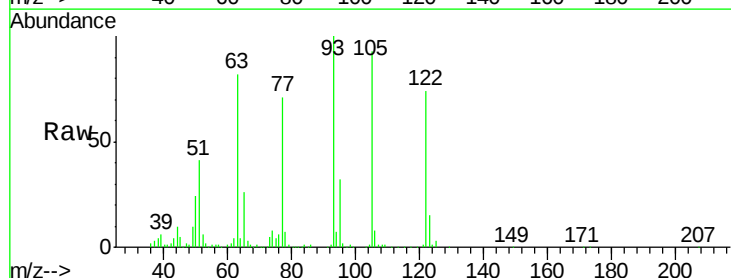
Tgt Ion:122 Resp: 363010

Ion Ratio Lower Upper

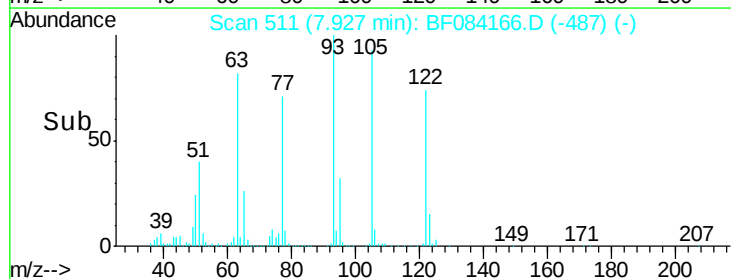
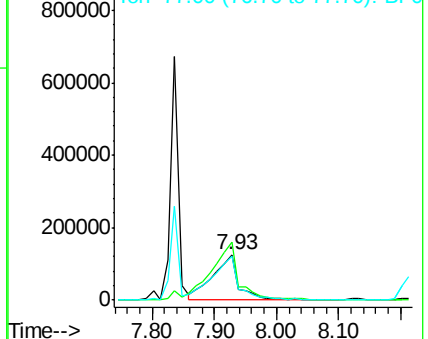
122 100

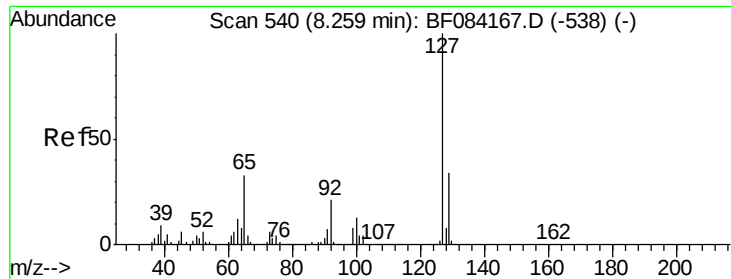
105 125.7 108.6 148.6

77 95.7 74.1 114.1



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





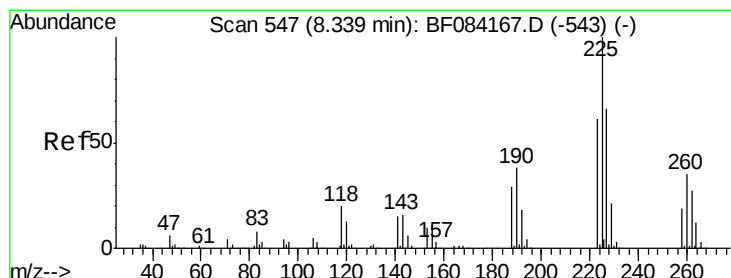
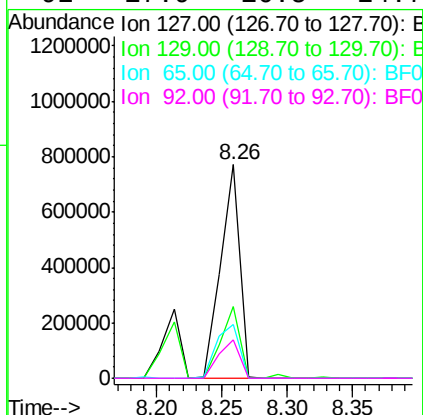
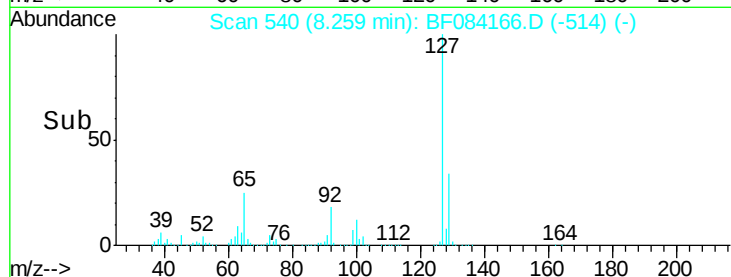
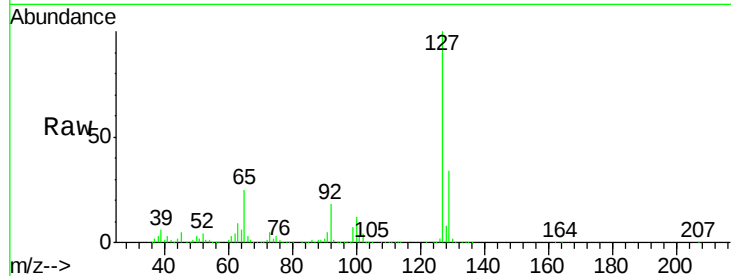
#33
4-Chloroaniline
Concen: 26.07 ng
RT: 8.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF084166.D
Acq: 31 Dec 2015 00:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.8	27.0	40.6		
65	25.3	26.6	40.0		
92	17.9	16.5	24.7		

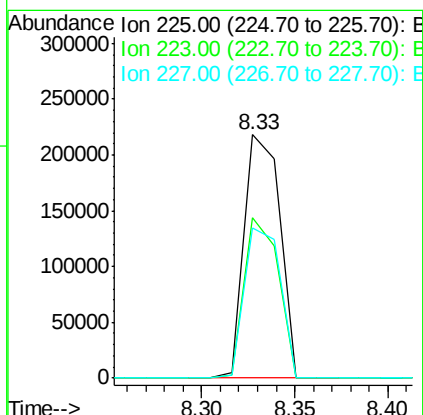
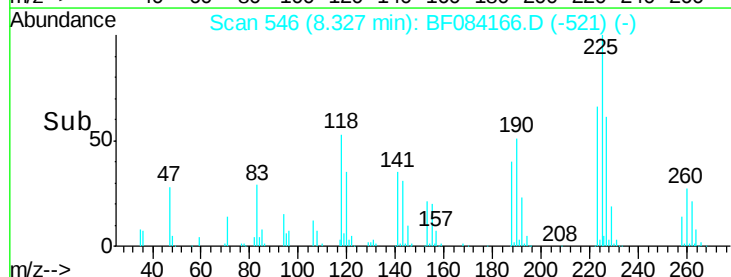
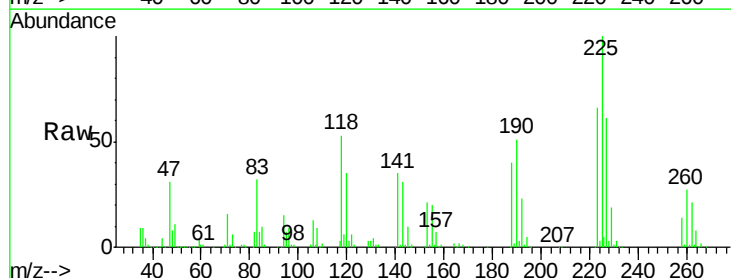
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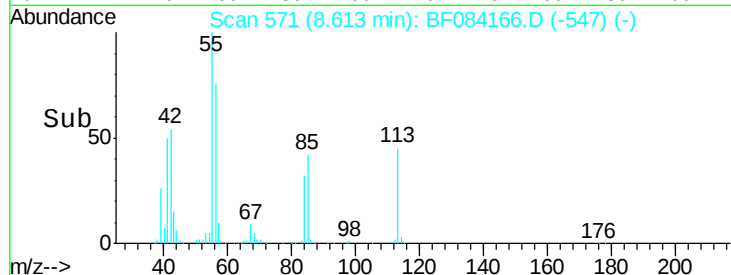
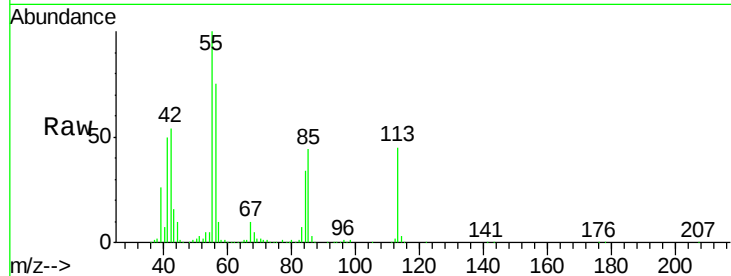
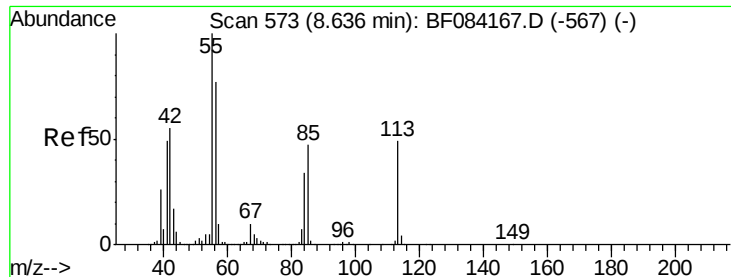
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#34
Hexachlorobutadiene
Concen: 22.71 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF084166.D
Acq: 31 Dec 2015 00:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.8	49.0	73.6		
227	61.4	53.0	79.4		





#35

Caprolactam

Concen: 26.44 ng

RT: 8.61 min Scan# 571

Delta R.T. -0.02 min

Lab File: BF084166.D

Acq: 31 Dec 2015 00:27

Tot Ion:	113	Resp:	152818
Ion Ratio	Lower	Upper	
113	100		
55	221.8	186.0	226.0
56	167.4	138.7	178.7

Instrument :

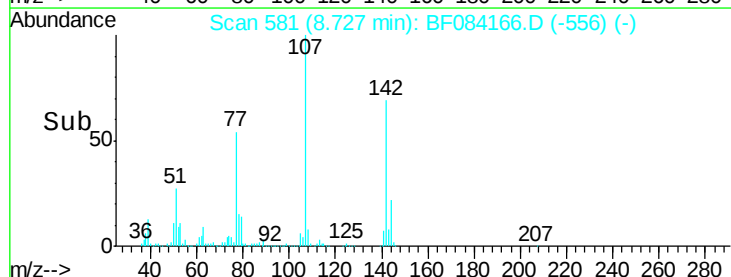
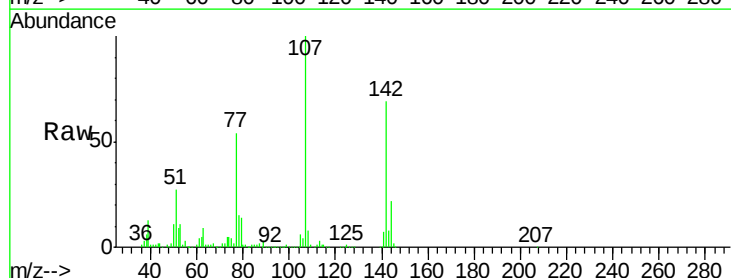
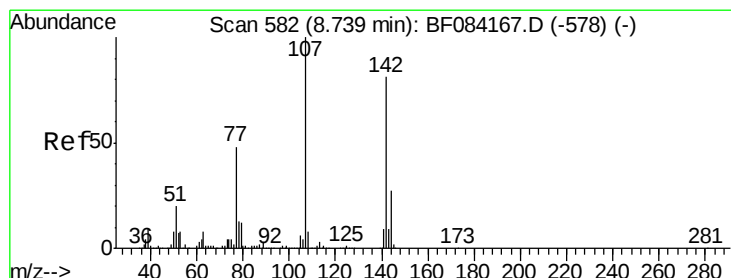
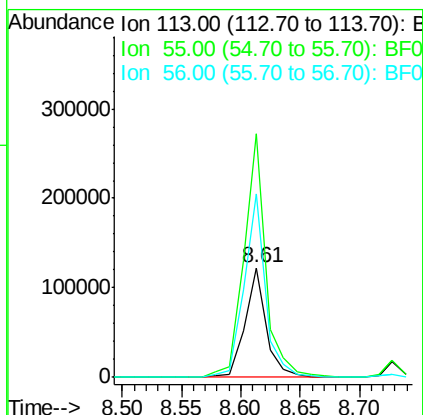
BNA_F

ClientSampleId :

SSTDIC025

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#36

4-Chloro-3-methylphenol

Concen: 23.84 ng

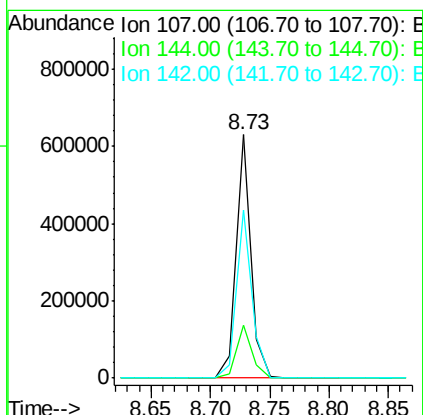
RT: 8.73 min Scan# 581

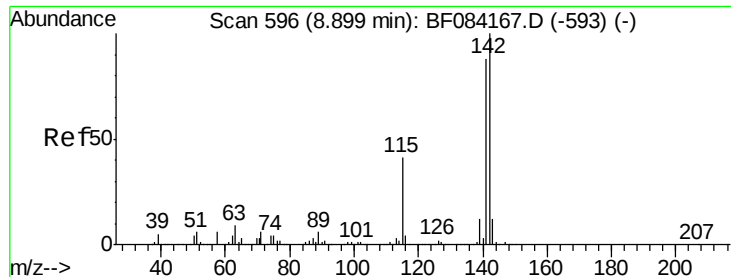
Delta R.T. -0.01 min

Lab File: BF084166.D

Acq: 31 Dec 2015 00:27

Tgt Ion:	107	Resp:	545867
Ion Ratio	Lower	Upper	
107	100		
144	21.9	21.4	32.2
142	69.1	65.0	97.4





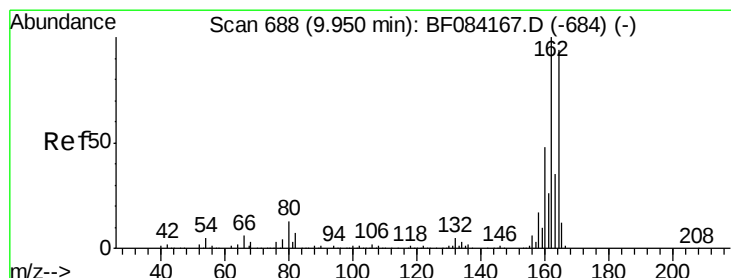
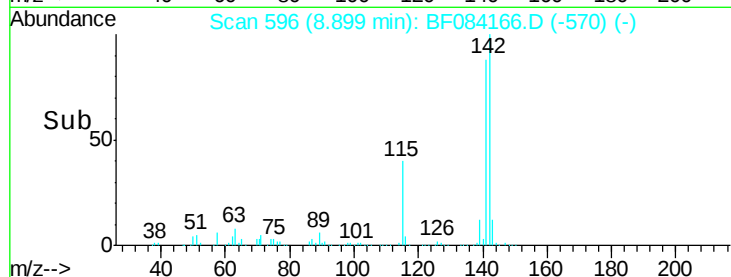
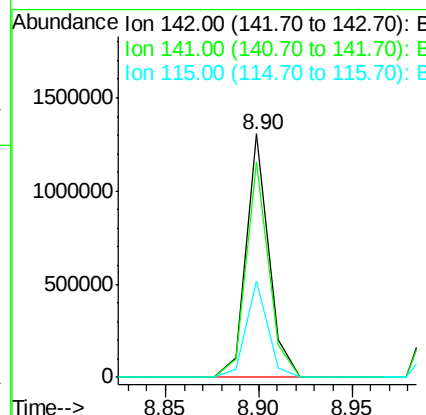
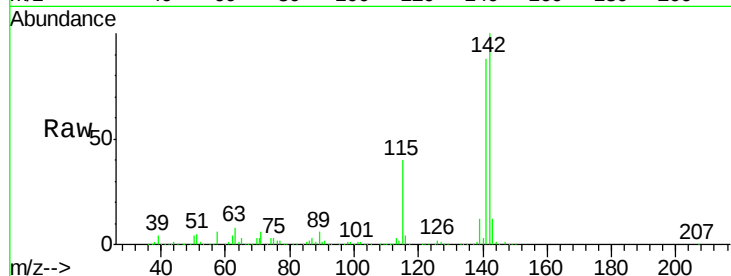
#37
2-Methylnaphthalene
Concen: 23.41 ng
RT: 8.90 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF084166.D
Acq: 31 Dec 2015 00:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.7	106.1
115	39.8	33.2	49.8

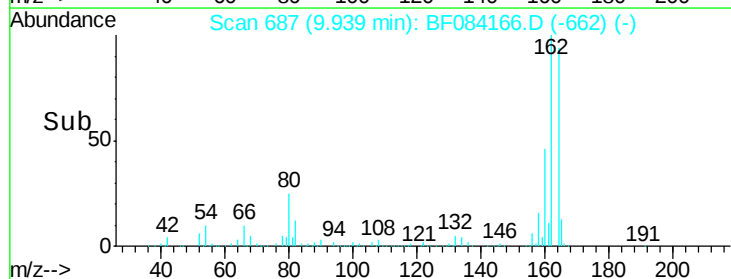
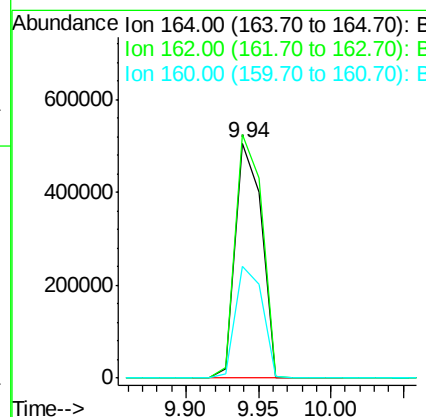
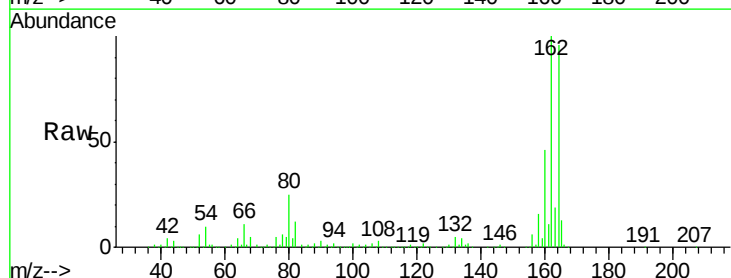
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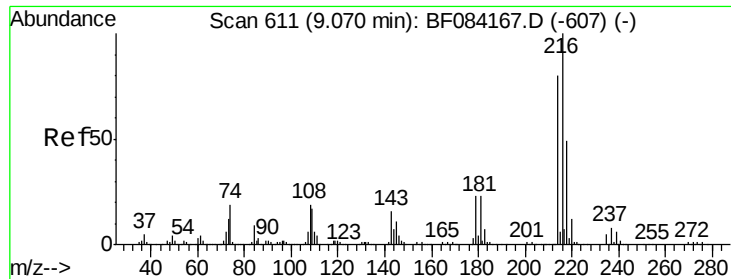
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF084166.D
Acq: 31 Dec 2015 00:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	84.8	127.2
160	47.7	40.4	60.6





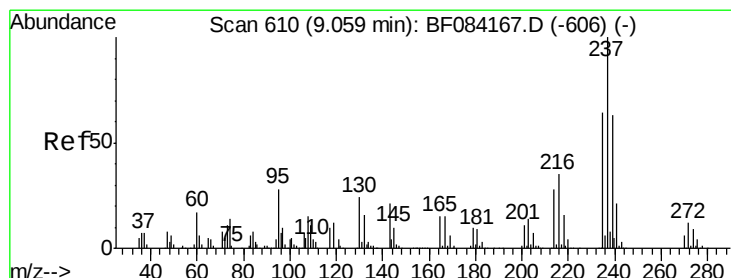
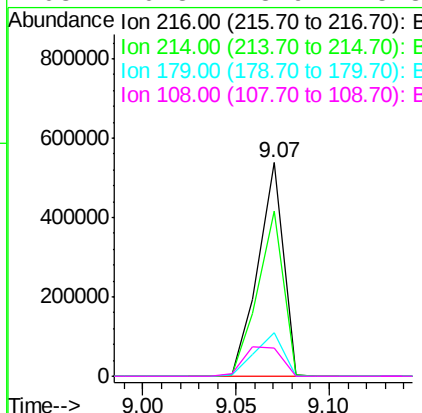
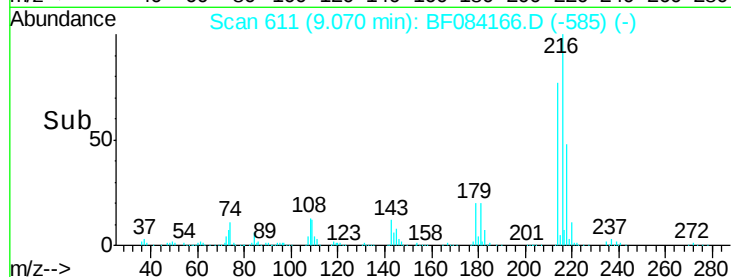
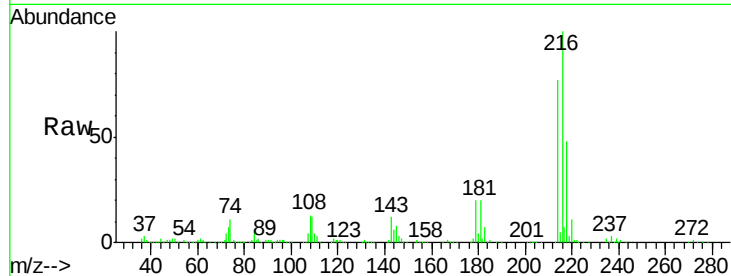
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 25.57 ng
 RT: 9.07 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF084166.D
 Acq: 31 Dec 2015 00:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		508666		
214	78.6		63.7	95.5	
179	22.4		19.1	28.7	
108	20.8		18.9	28.3	

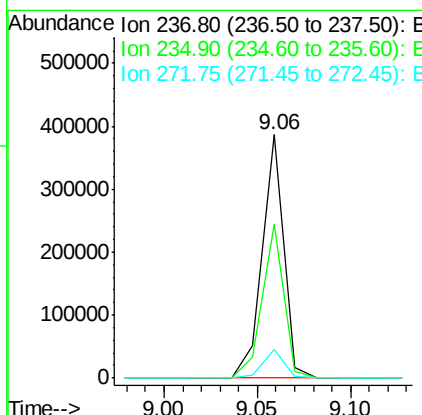
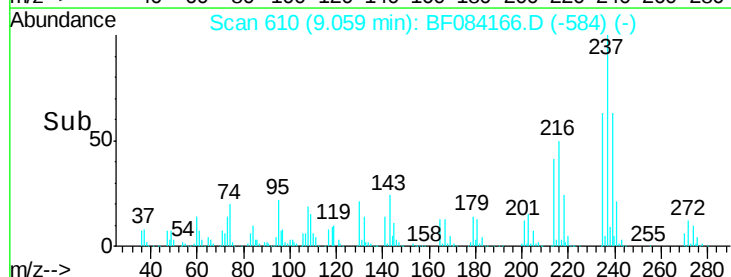
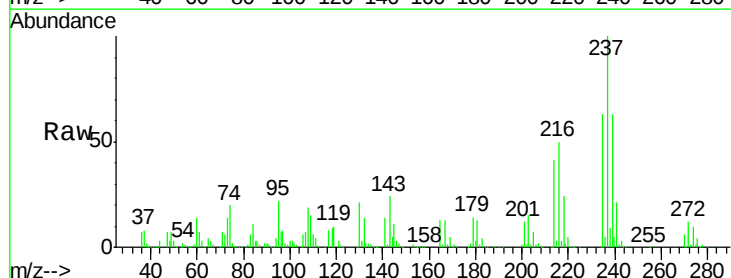
Manual Integrations
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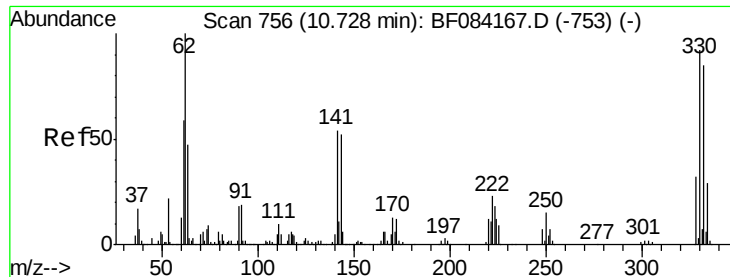
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#40
 Hexachlorocyclopentadiene
 Concen: 57.82 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF084166.D
 Acq: 31 Dec 2015 00:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		311499		
235	63.3		44.4	84.4	
272	11.8		0.0	31.9	





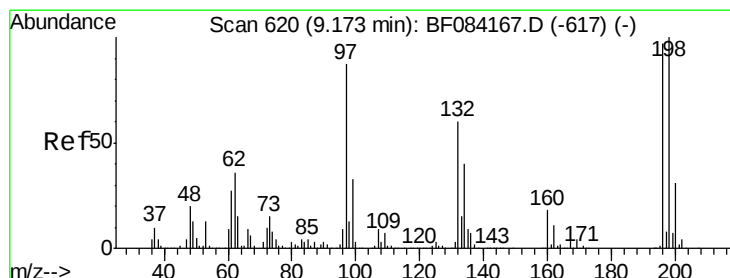
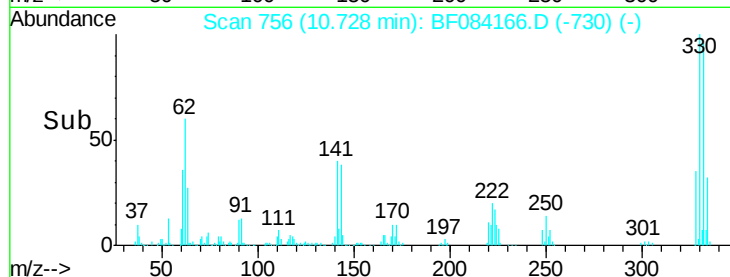
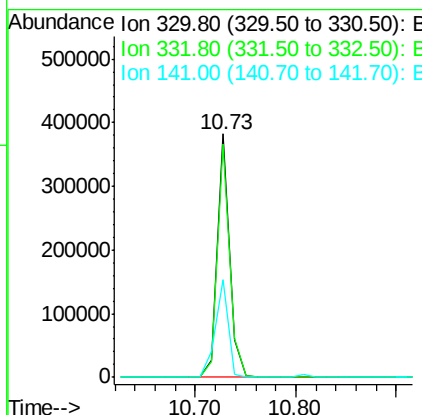
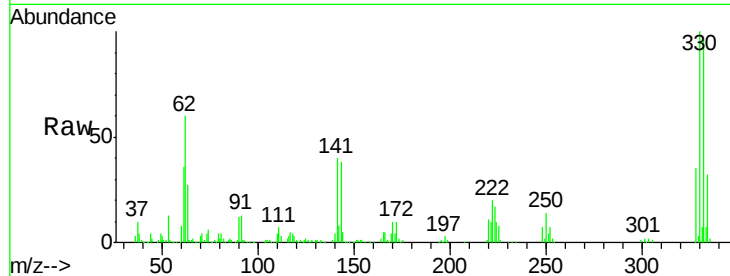
#41
 2,4,6-Tribromophenol
 Concen: 47.93 ng
 RT: 10.73 min Scan# 756
 Delta R.T. 0.00 min
 Lab File: BF084166.D
 Acq: 31 Dec 2015 00:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.4	76.2	114.2	
141	42.4	31.3	46.9	

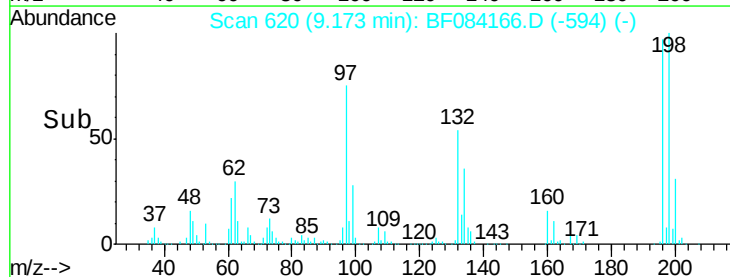
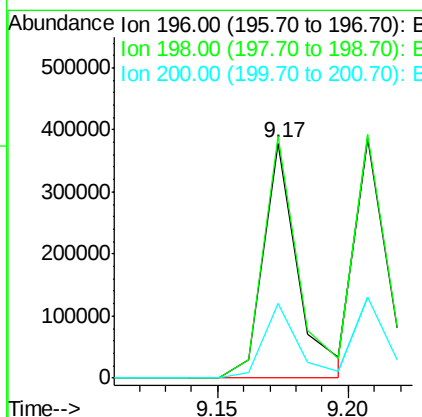
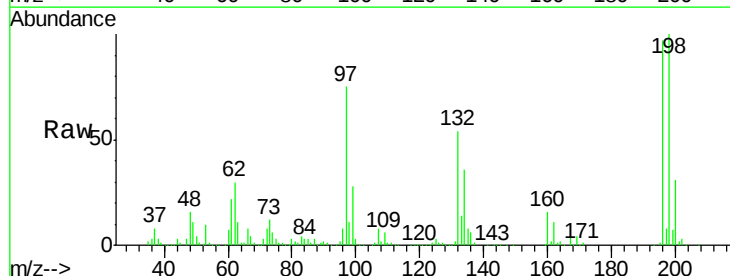
Manual Integrations
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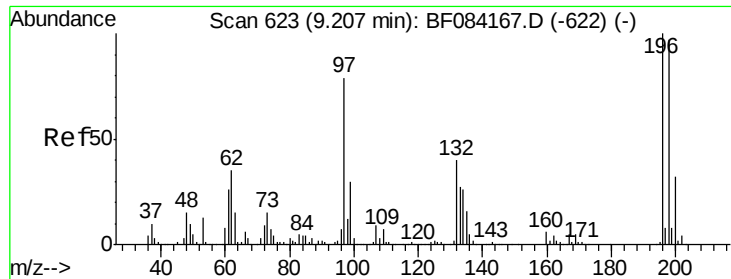
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 26.76 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF084166.D
 Acq: 31 Dec 2015 00:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	103.2	82.5	123.7	
200	32.0	25.8	38.8	





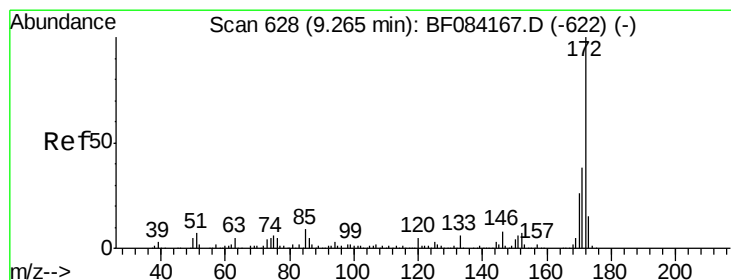
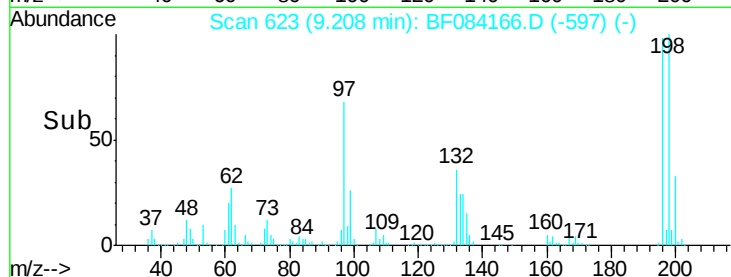
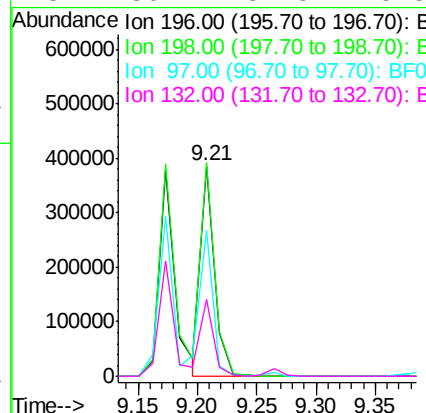
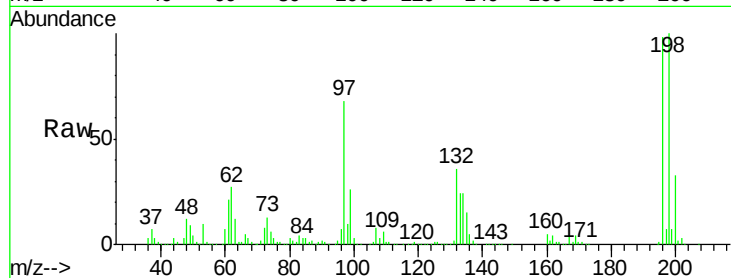
#43
2,4,5-Trichlorophenol
Concen: 24.81 ng
RT: 9.21 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF084166.D
Acq: 31 Dec 2015 00:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100				
198	101.7	78.2	117.4		
97	69.4	64.9	97.3		
132	36.4	32.3	48.5		

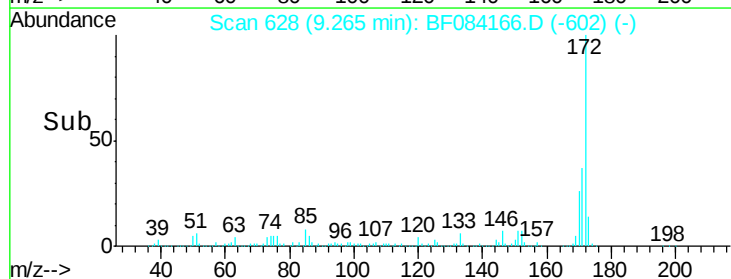
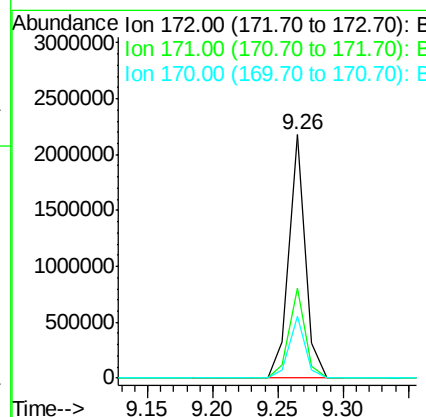
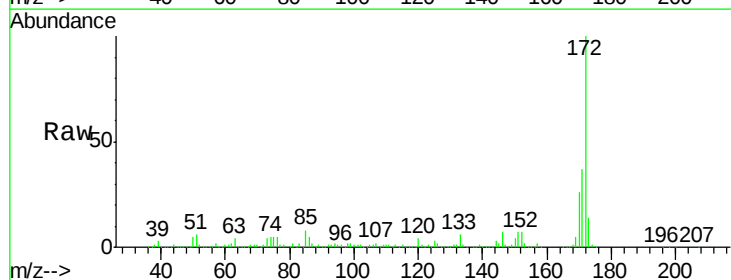
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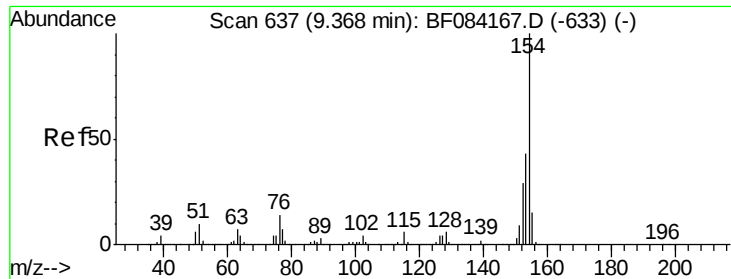
Sohil
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#44
2-Fluorobiphenyl
Concen: 42.48 ng
RT: 9.26 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF084166.D
Acq: 31 Dec 2015 00:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100				
171	37.1	30.6	46.0		
170	25.5	20.6	30.8		





#45

1,1'-Biphenyl

Concen: 26.66 ng

RT: 9.37 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF084166.D

Acq: 31 Dec 2015 00:27

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:154 Resp: 1487301

Ion Ratio Lower Upper

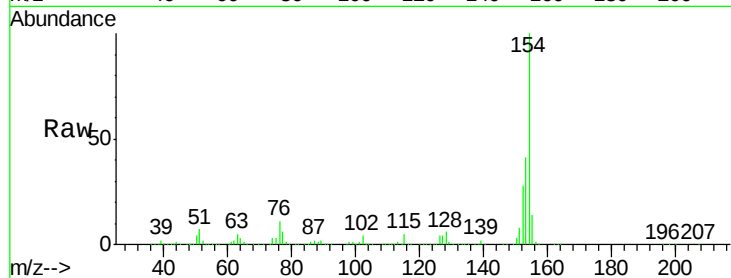
154 100

153 41.2 23.4 63.4

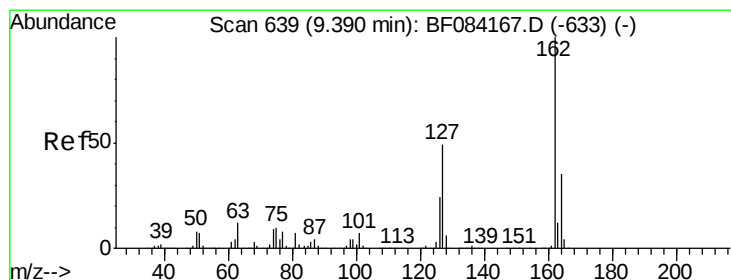
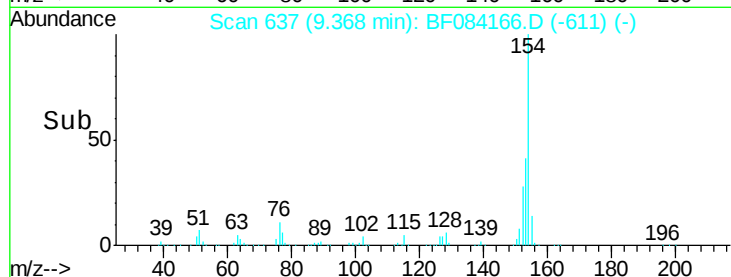
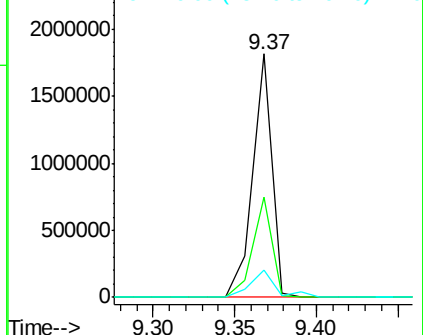
76 11.5 0.0 34.2

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



#46

2-Chloronaphthalene

Concen: 25.39 ng

RT: 9.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF084166.D

Acq: 31 Dec 2015 00:27

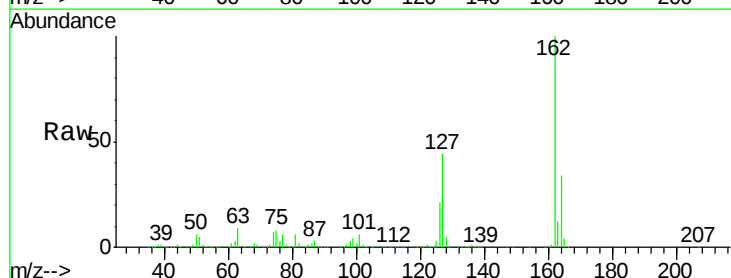
Tgt Ion:162 Resp: 1083144

Ion Ratio Lower Upper

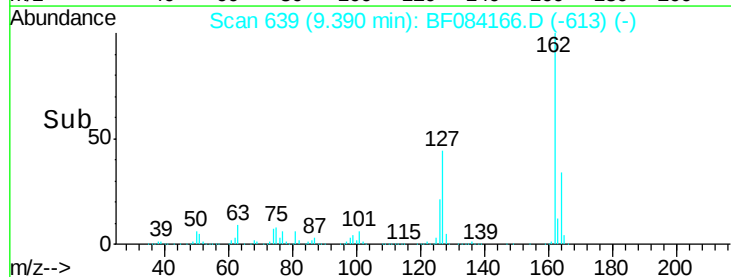
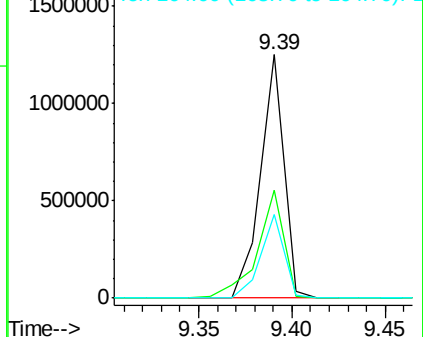
162 100

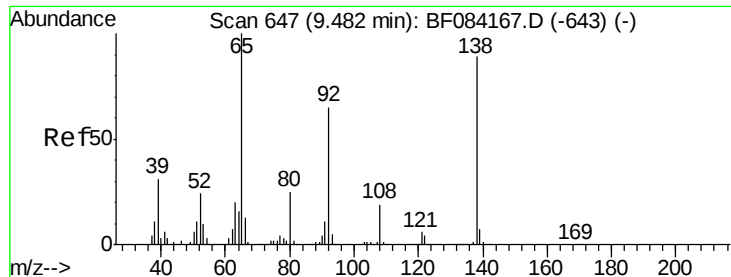
127 44.4 39.4 59.0

164 34.1 27.8 41.6



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: 29.24 ng

RT: 9.48 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF084166.D

Acq: 31 Dec 2015 00:27

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion: 65 Resp: 342063

Ion Ratio Lower Upper

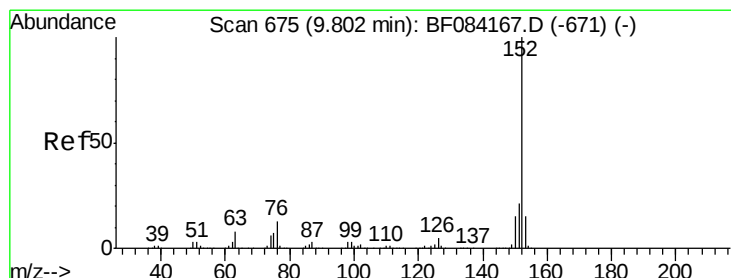
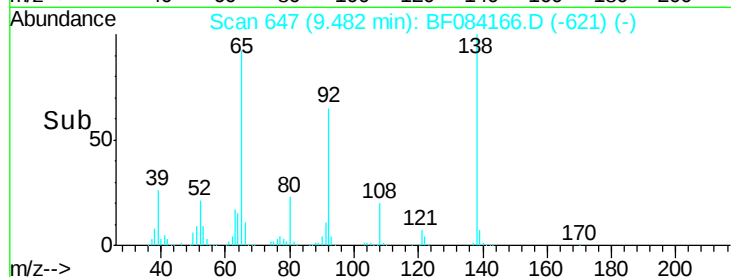
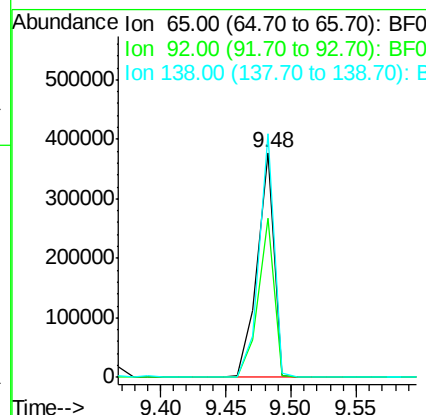
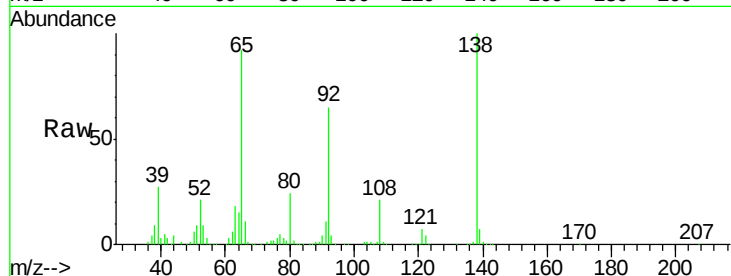
65 100

92 70.6 51.8 77.8

138 108.4 70.9 106.3#

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#48

Acenaphthylene

Concen: 22.16 ng

RT: 9.80 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF084166.D

Acq: 31 Dec 2015 00:27

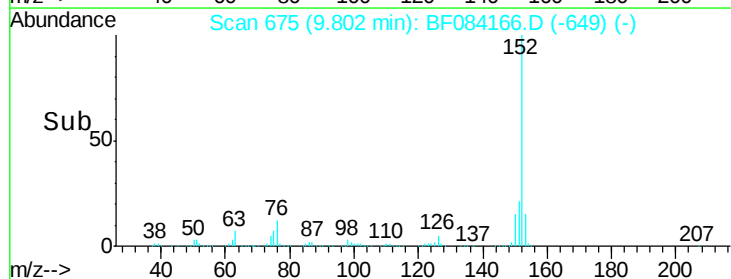
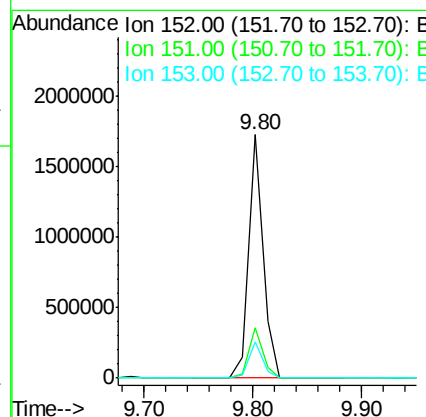
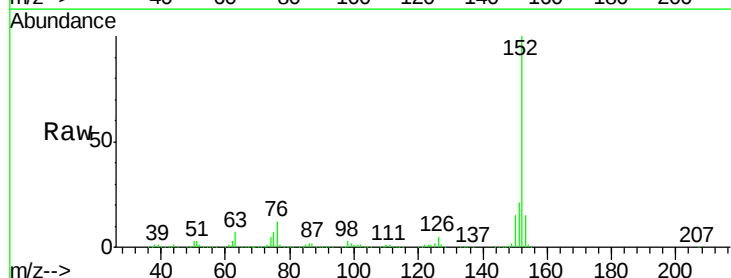
Tgt Ion:152 Resp: 1569237

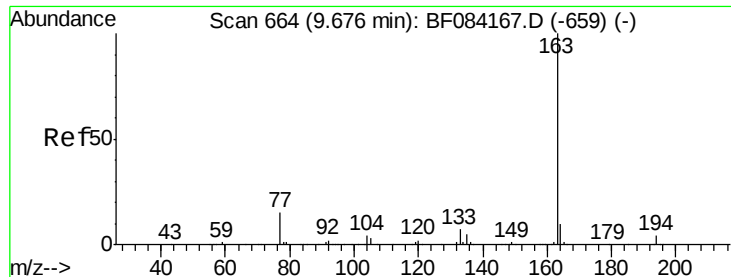
Ion Ratio Lower Upper

152 100

151 20.8 16.9 25.3

153 15.0 12.2 18.2





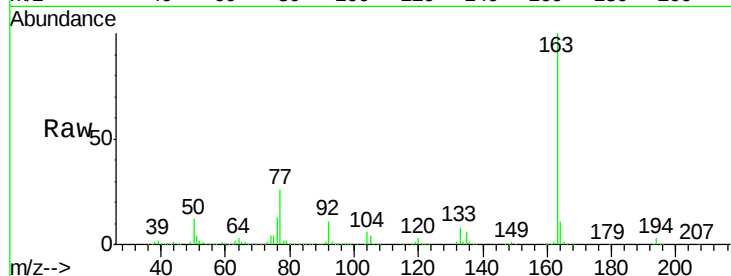
#49
Dimethylphthalate
Concen: 22.18 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF084166.D
Acq: 31 Dec 2015 00:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

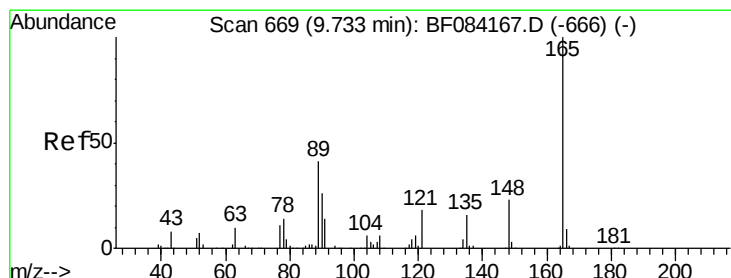
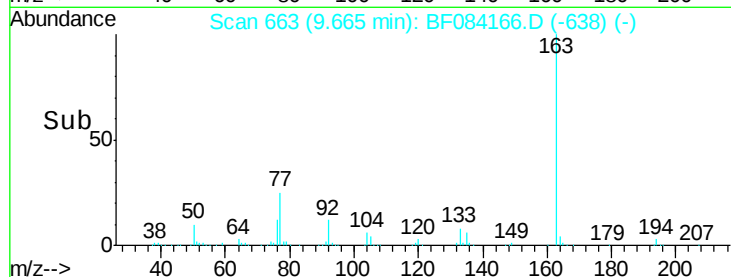
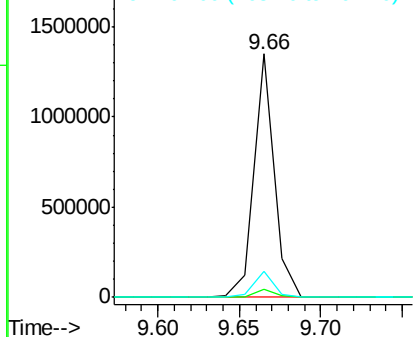
Tot Ion:163 Resp: 1159013
Ion Ratio Lower Upper
163 100
194 3.1 3.0 4.6
164 10.6 8.2 12.4

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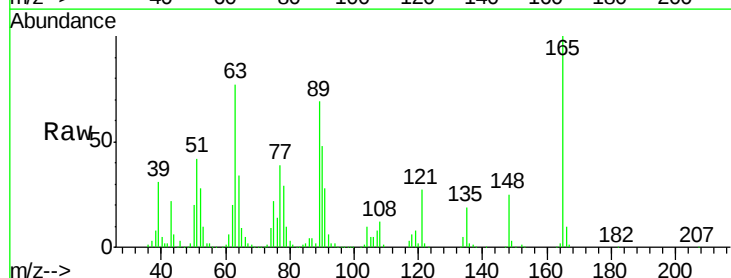


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

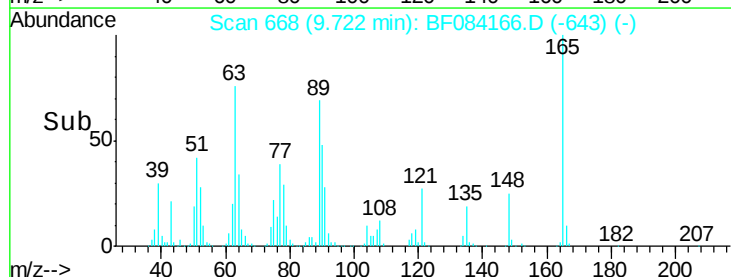
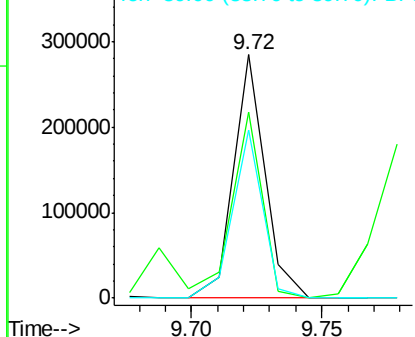


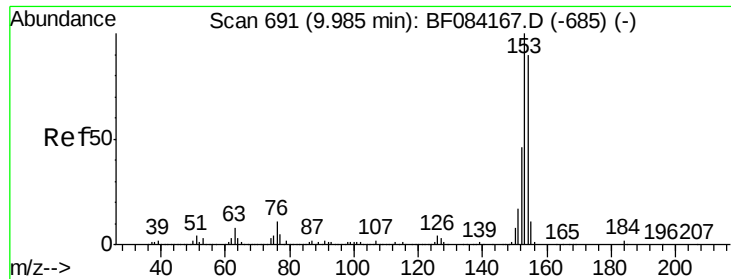
#50
2,6-Dinitrotoluene
Concen: 21.80 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF084166.D
Acq: 31 Dec 2015 00:27

Tgt Ion:165 Resp: 238819
Ion Ratio Lower Upper
165 100
63 76.6 28.8 43.2#
89 69.1 32.7 49.1#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 23.37 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF084166.D

Acq: 31 Dec 2015 00:27

Instrument :

BNA_F

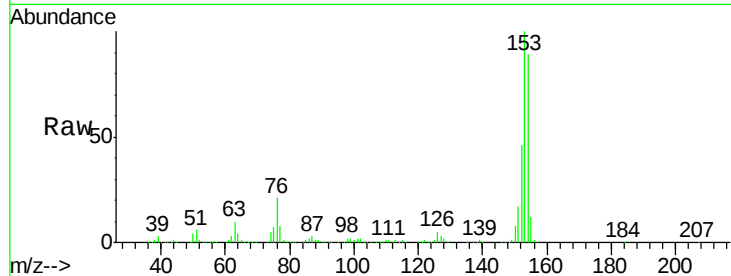
ClientSampleId :

SSTDIC025

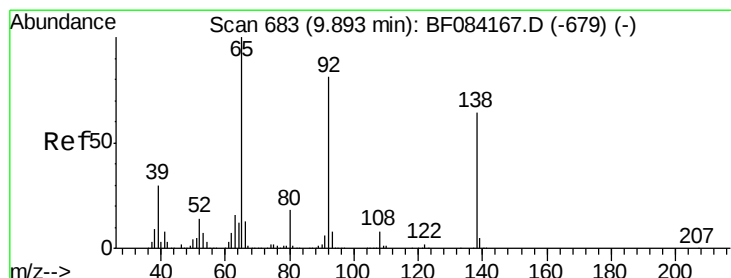
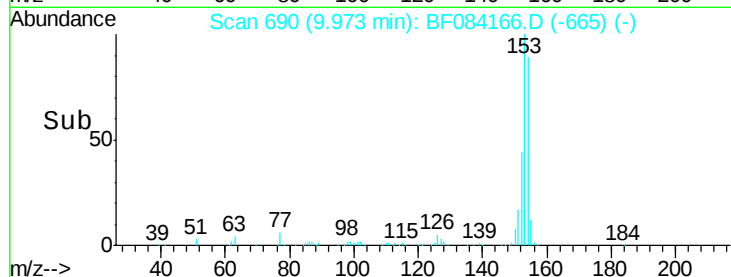
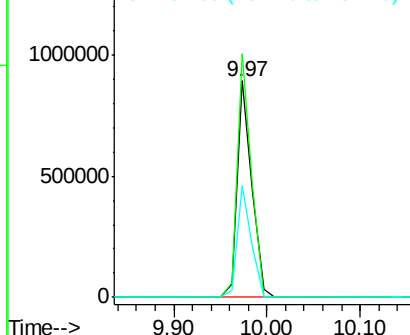
Tot Ion:	154	Resp:	979452
Ion Ratio	Lower	Upper	
154	100		
153	112.5	89.2	133.8
152	51.6	41.2	61.8

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



#52

3-Nitroaniline

Concen: 28.07 ng

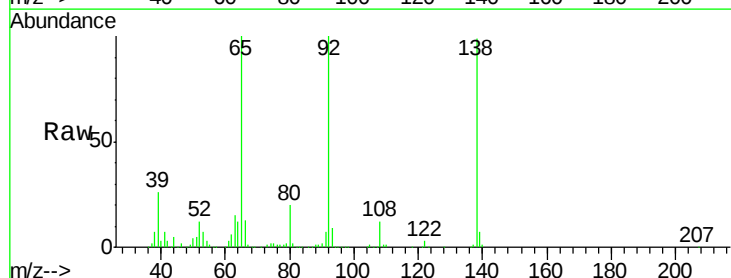
RT: 9.89 min Scan# 683

Delta R.T. 0.00 min

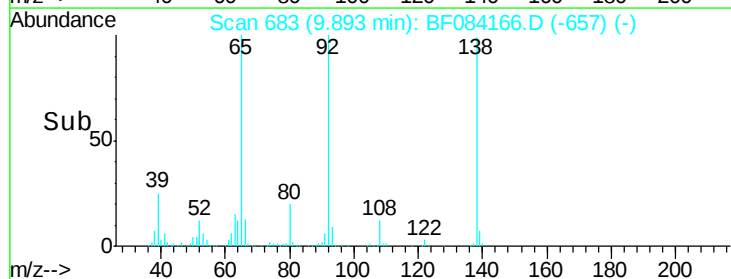
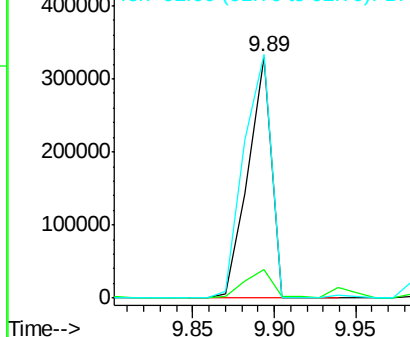
Lab File: BF084166.D

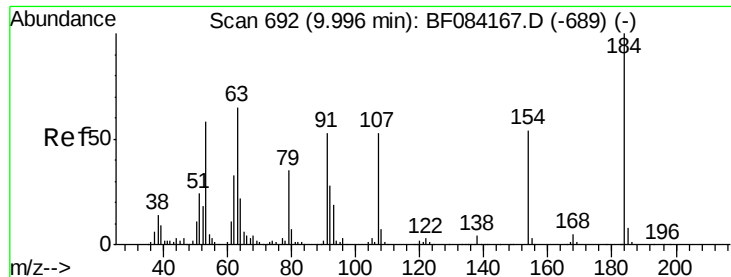
Acq: 31 Dec 2015 00:27

Tgt Ion:	138	Resp:	329668
Ion Ratio	Lower	Upper	
138	100		
108	12.1	10.2	15.4
92	100.8	101.9	152.9#



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





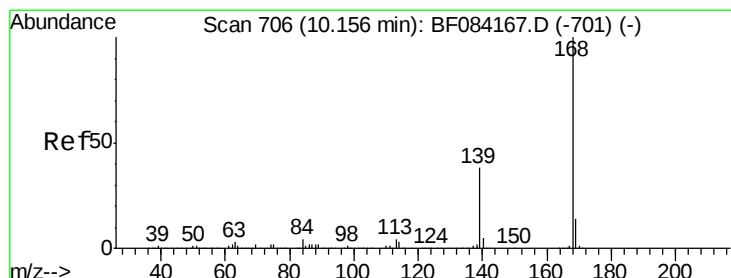
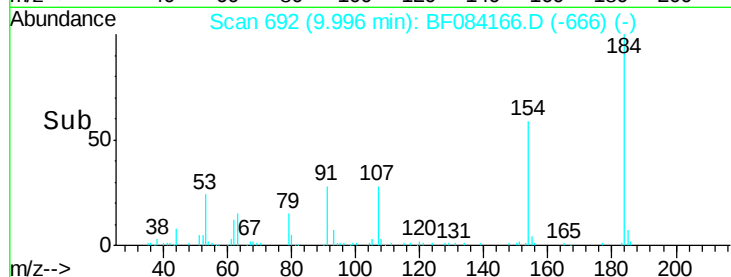
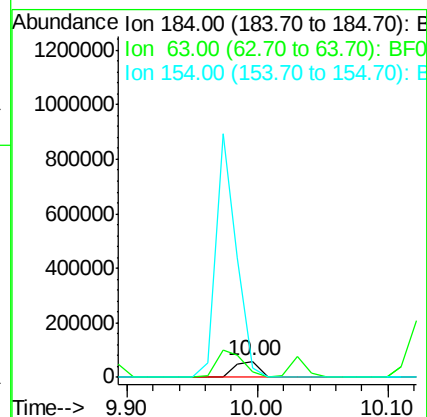
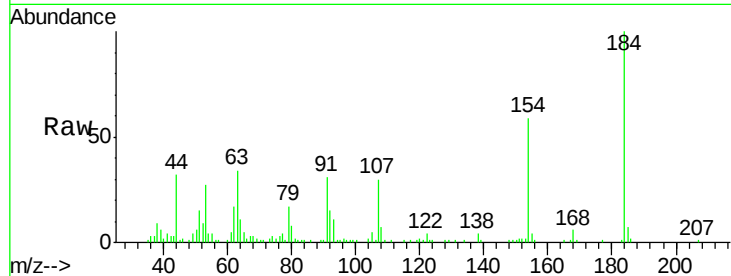
#53
2,4-Dinitrophenol
Concen: 22.79 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF084166.D
Acq: 31 Dec 2015 00:27

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tot Ion	Ratio	Lower	Upper
184	100		
63	33.5	54.2	81.4#
154	58.7	58.2	87.4

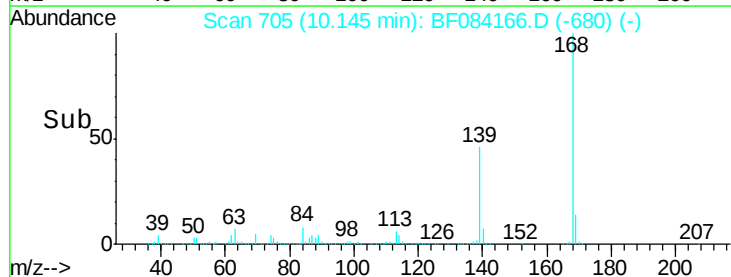
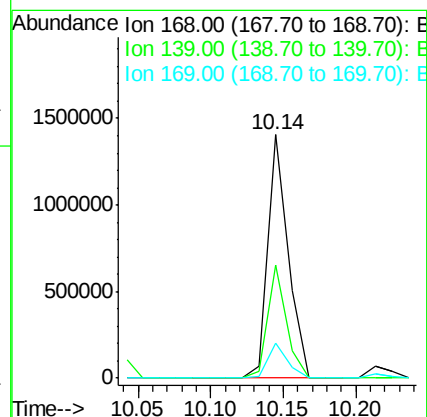
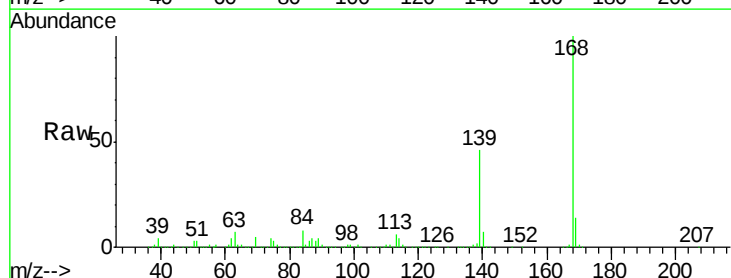
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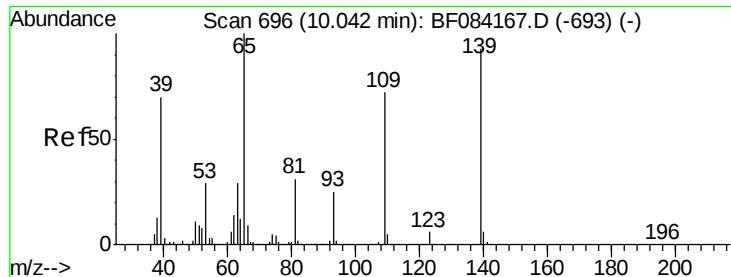
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#54
Dibenzofuran
Concen: 23.57 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF084166.D
Acq: 31 Dec 2015 00:27

Tgt Ion	Ratio	Lower	Upper
168	100		
139	46.3	30.5	45.7#
169	14.4	11.1	16.7





#55

4-Nitrophenol

Concen: 32.24 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF084166.D

Acq: 31 Dec 2015 00:27

Instrument :

BNA_F

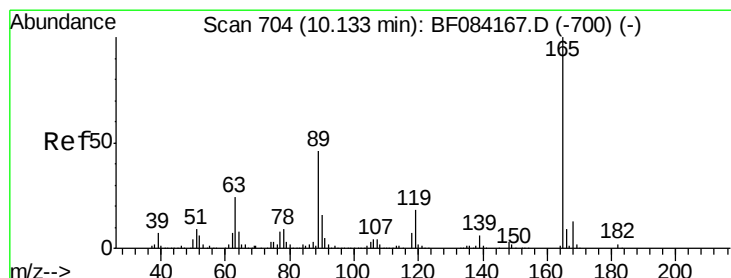
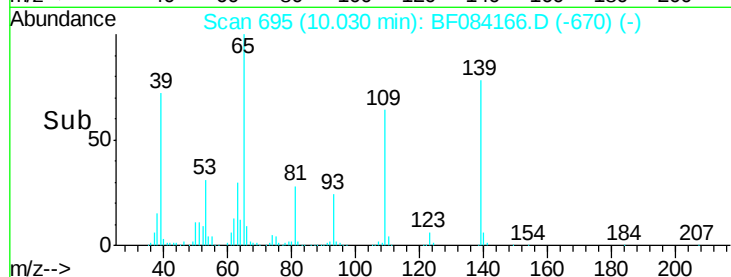
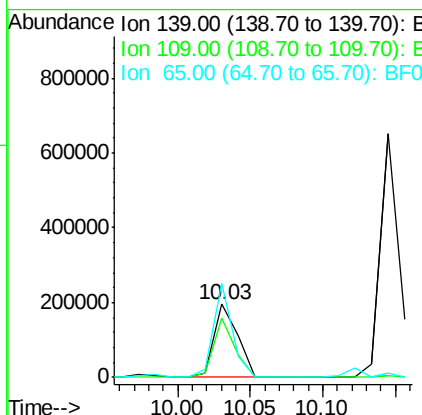
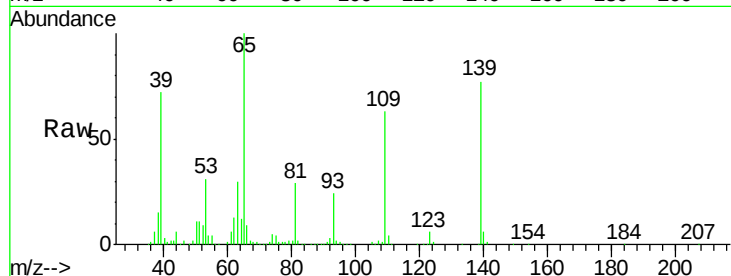
ClientSampleId :

SSTDICC025

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Tot Ion:	139	Resp:	219413
Ion Ratio	Lower	Upper	
139	100		
109	81.9	57.3	97.3
65	129.1	88.4	128.4#



#56

2,4-Dinitrotoluene

Concen: 21.33 ng

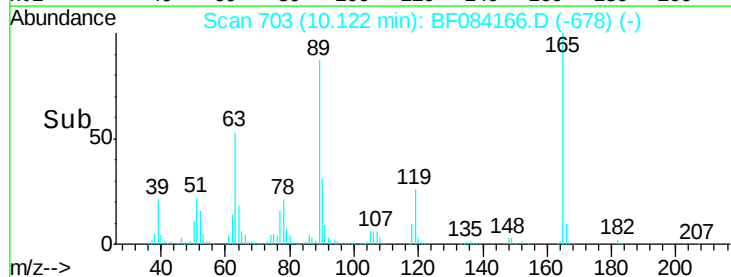
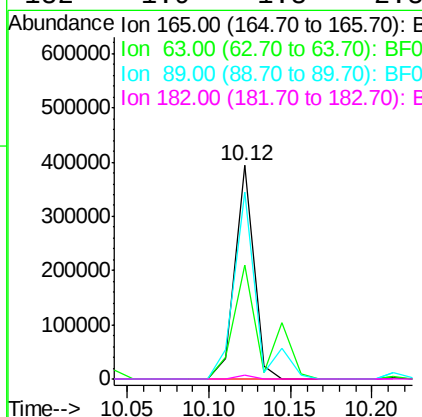
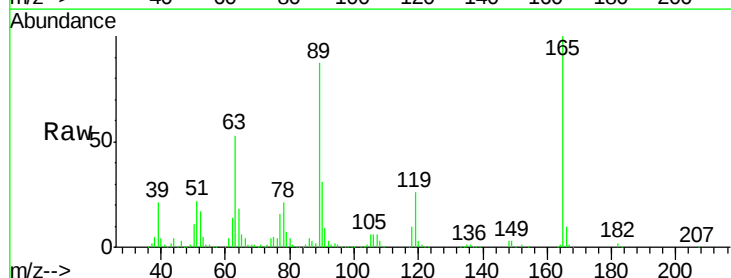
RT: 10.12 min Scan# 703

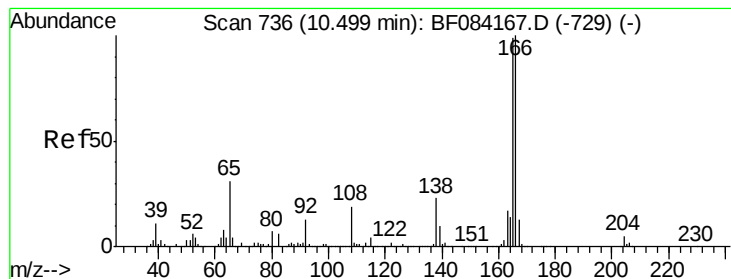
Delta R.T. -0.01 min

Lab File: BF084166.D

Acq: 31 Dec 2015 00:27

Tgt Ion:	165	Resp:	313856
Ion Ratio	Lower	Upper	
165	100		
63	53.3	19.4	29.2#
89	87.2	37.0	55.6#
182	1.9	1.8	2.8





#57

Fluorene

Concen: 21.32 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF084166.D

Acq: 31 Dec 2015 00:27

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:166 Resp: 1021525

Ion Ratio Lower Upper

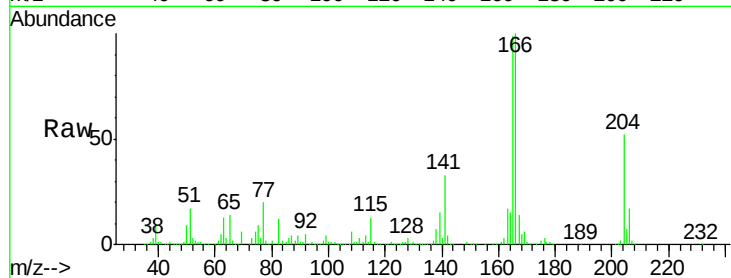
166 100

165 98.5 79.0 118.4

167 14.2 10.6 15.8

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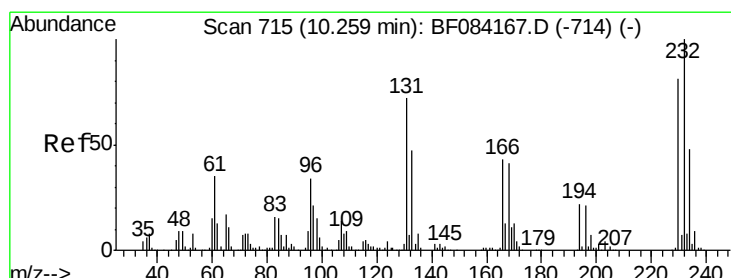
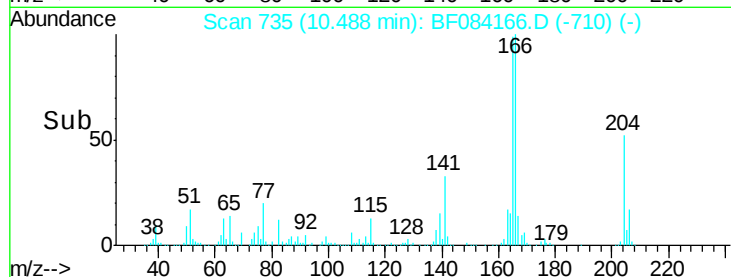
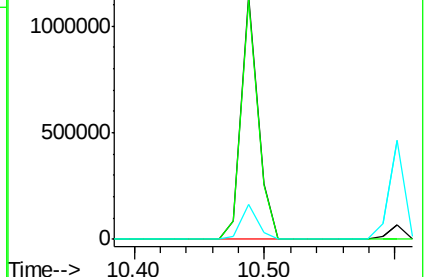
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Abundance Ion 166.00 (165.70 to 166.70): E

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: 30.04 ng

RT: 10.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF084166.D

Acq: 31 Dec 2015 00:27

Tgt Ion:232 Resp: 287748

Ion Ratio Lower Upper

232 100

131 55.7 42.9 64.3

130 2.6 2.0 3.0

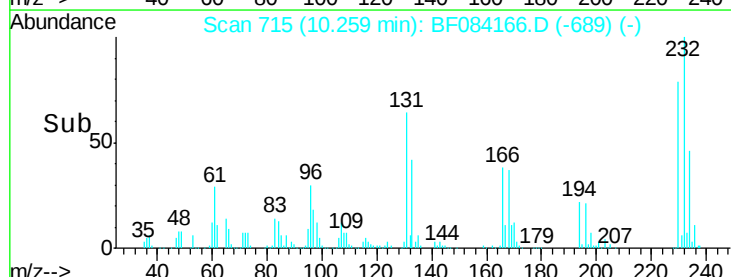
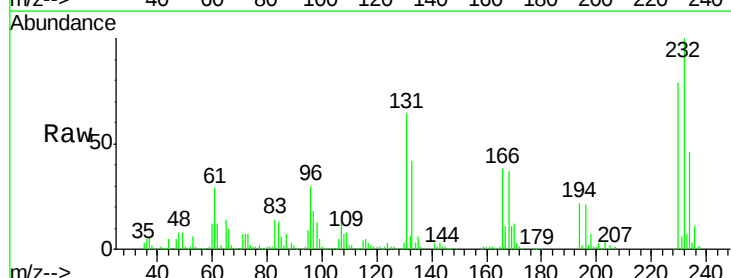
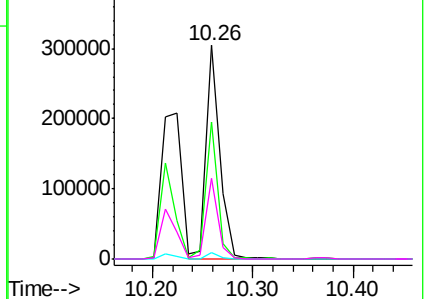
166 34.0 27.7 41.5

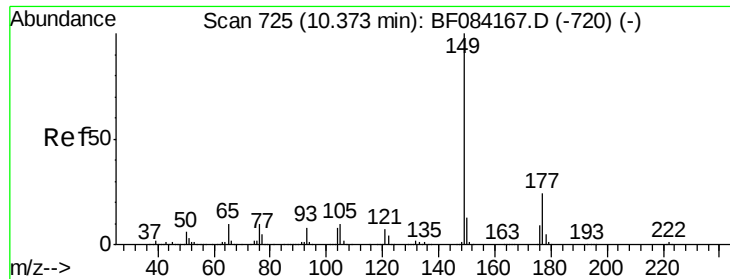
Abundance Ion 232.00 (231.70 to 232.70): E

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





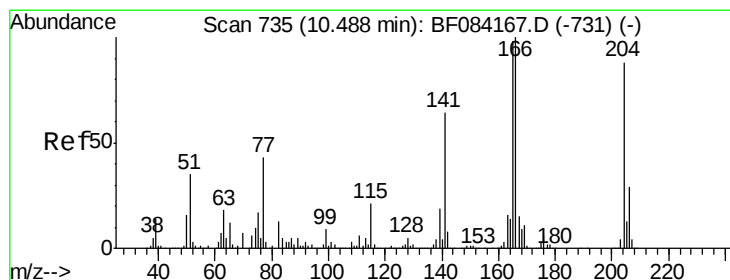
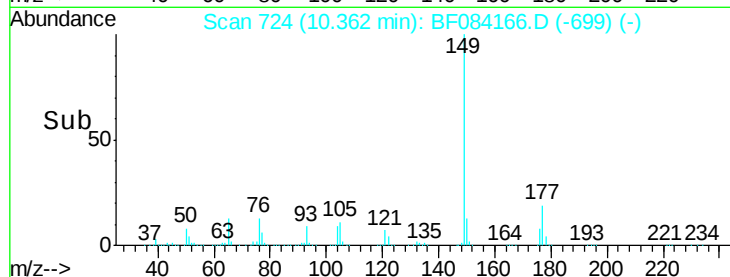
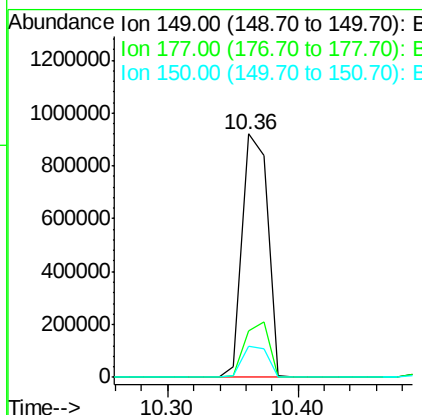
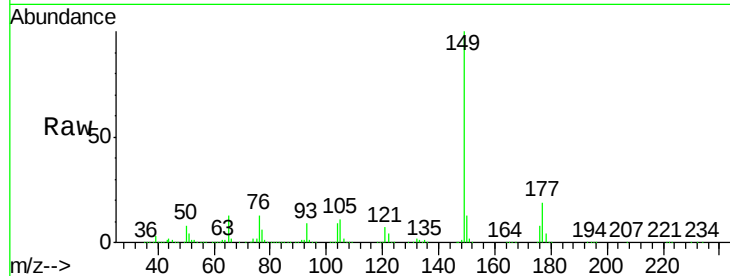
#59
Diethylphthalate
Concen: 23.21 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF084166.D
Acq: 31 Dec 2015 00:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
149	100		
177	19.3	19.1	28.7
150	12.9	10.6	15.8

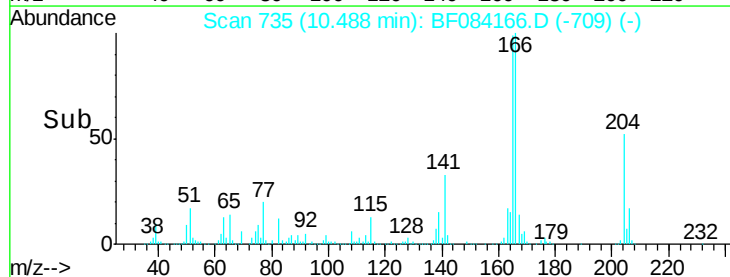
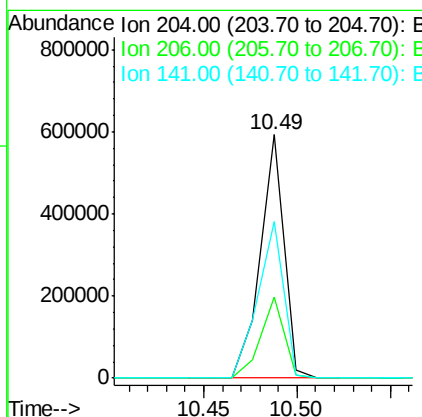
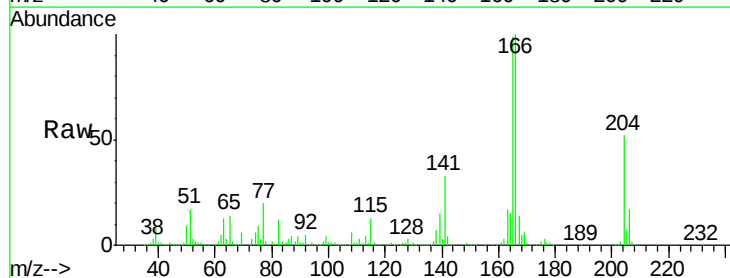
Manual Integrations
APPROVED

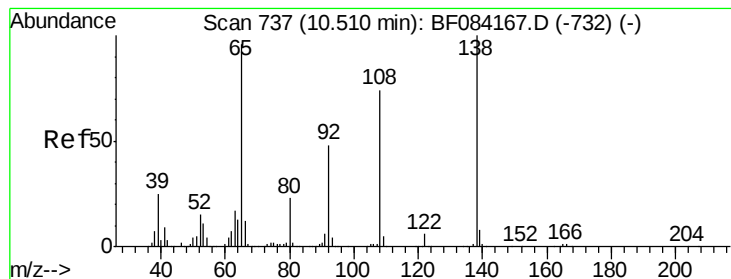
Sohil
12/31/2015 6:41:11 PM



#60
4-Chlorophenyl-phenylether
Concen: 23.27 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF084166.D
Acq: 31 Dec 2015 00:27

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.4	39.6
141	64.3	58.0	87.0





#61

4-Nitroaniline

Concen: 25.21 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF084166.D

Acq: 31 Dec 2015 00:27

Instrument :

BNA_F

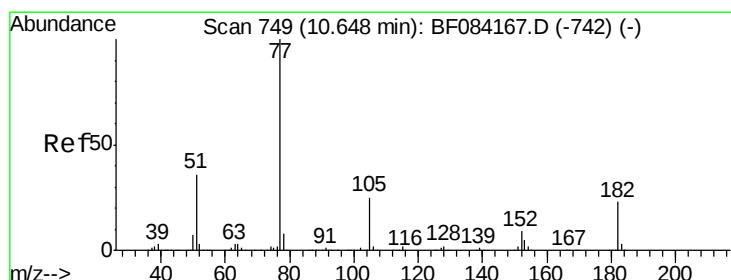
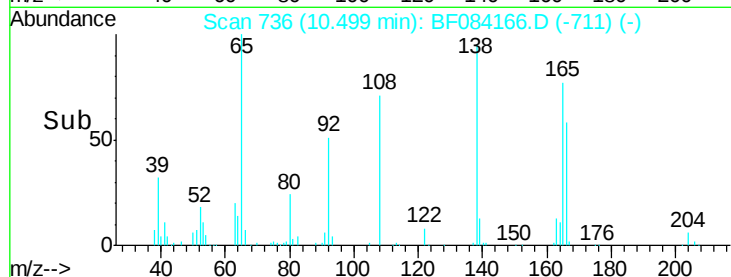
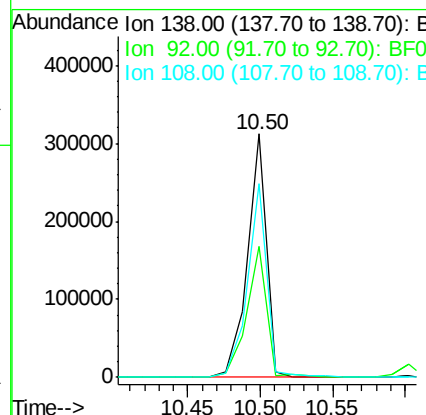
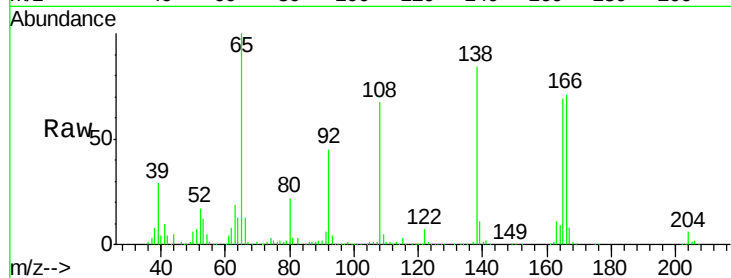
ClientSampleId :

SSTDIC025

Tot Ion:	138	Resp:	283261
Ion Ratio	Lower	Upper	
138	100		
92	53.9	28.4	68.4
108	79.6	54.0	94.0

Manual Integrations
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#62

Azobenzene

Concen: 30.57 ng

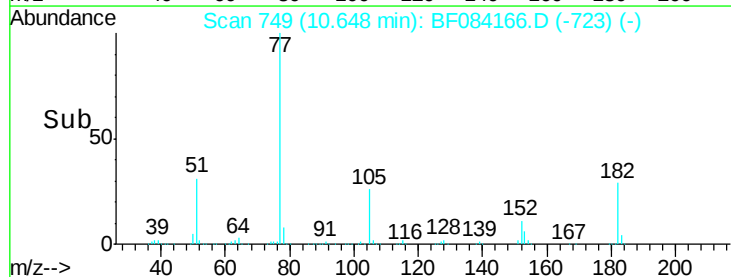
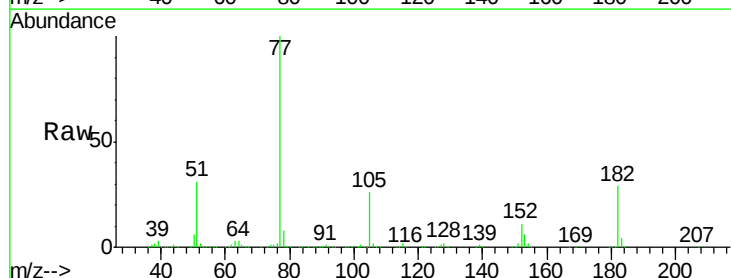
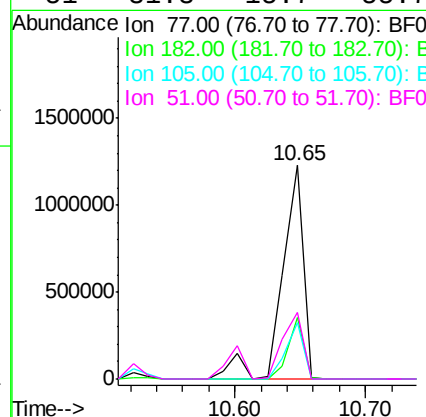
RT: 10.65 min Scan# 749

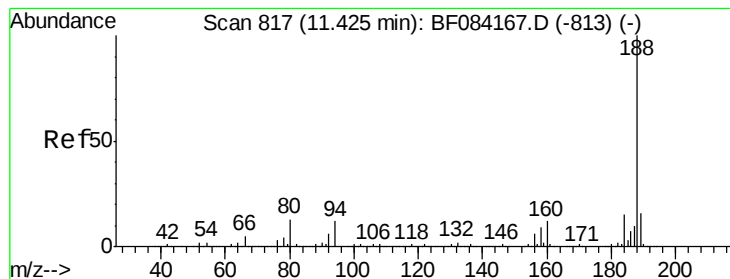
Delta R.T. 0.00 min

Lab File: BF084166.D

Acq: 31 Dec 2015 00:27

Tgt Ion:	77	Resp:	1395058
Ion Ratio	Lower	Upper	
77	100		
182	28.7	3.2	43.2
105	26.3	5.1	45.1
51	31.3	15.7	55.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF084166.D

Acq: 31 Dec 2015 00:27

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:188 Resp: 1183086

Ion Ratio Lower Upper

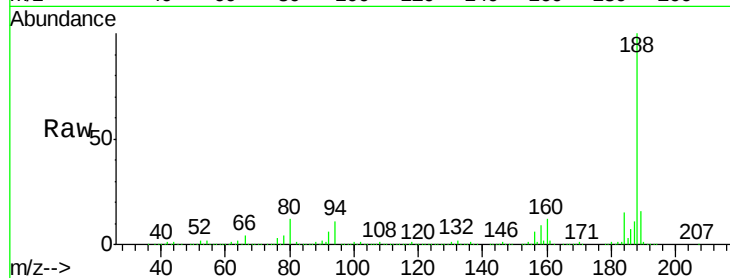
188 100

94 10.5 9.2 13.8

80 11.8 10.1 15.1

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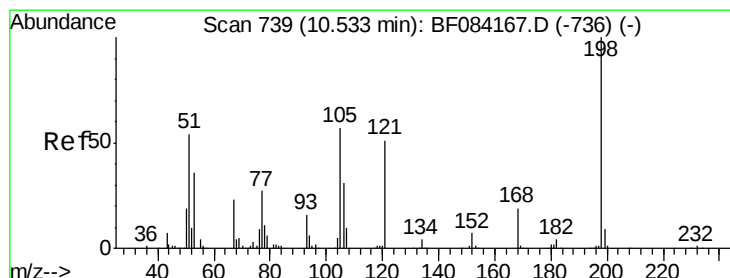
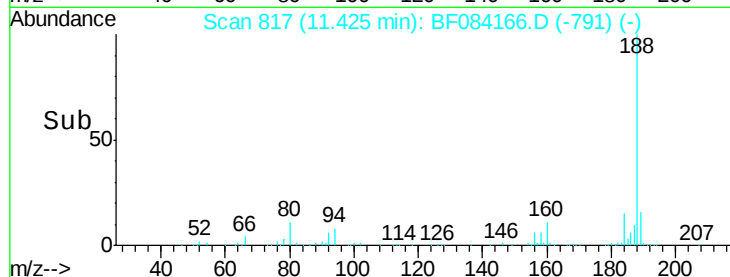
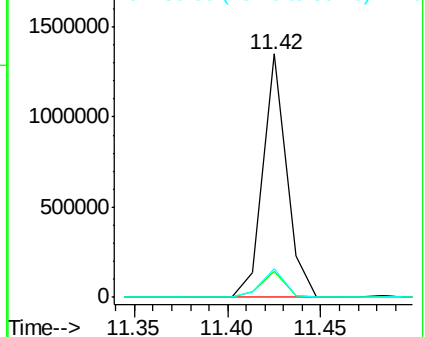
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 18.78 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF084166.D

Acq: 31 Dec 2015 00:27

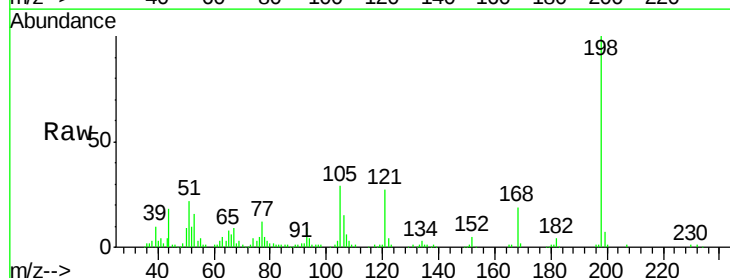
Tgt Ion:198 Resp: 124247

Ion Ratio Lower Upper

198 100

51 22.0 46.4 86.4#

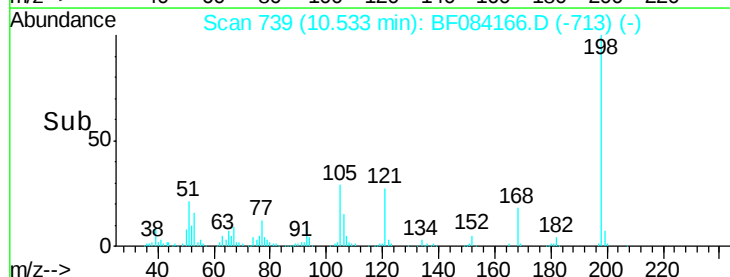
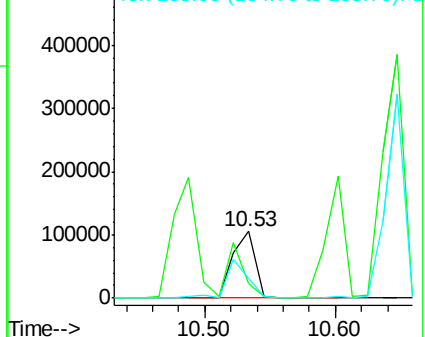
105 29.1 38.5 78.5#

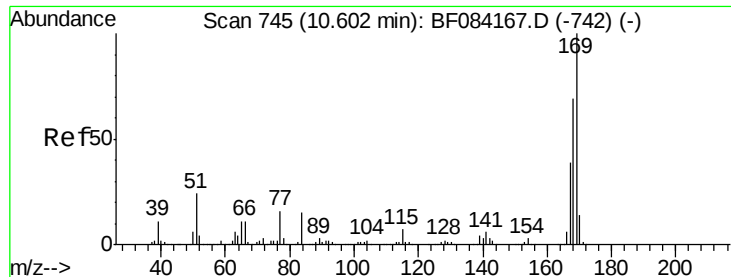


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 24.85 ng

RT: 10.60 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF084166.D

Acq: 31 Dec 2015 00:27

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:169 Resp: 1018918

Ion Ratio Lower Upper

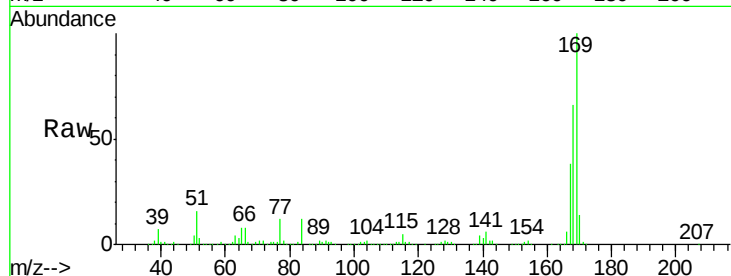
169 100

168 66.3 55.2 82.8

167 37.9 31.1 46.7

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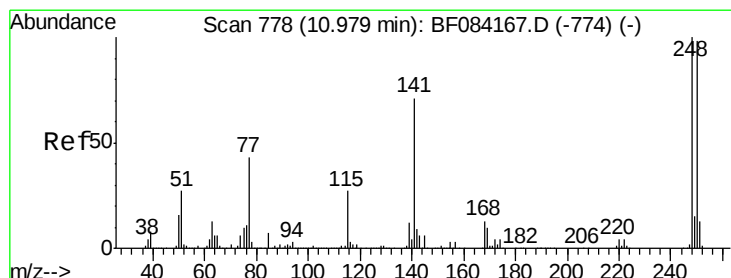
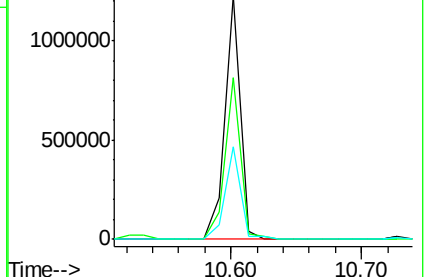
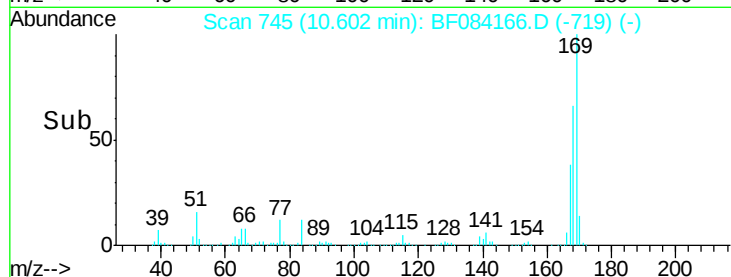
Sohil
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 24.53 ng

RT: 10.98 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF084166.D

Acq: 31 Dec 2015 00:27

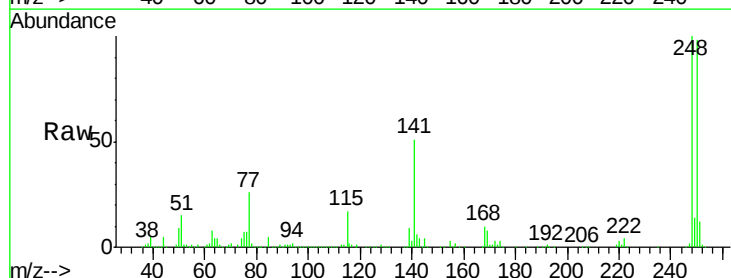
Tgt Ion:248 Resp: 335965

Ion Ratio Lower Upper

248 100

250 98.5 78.7 118.1

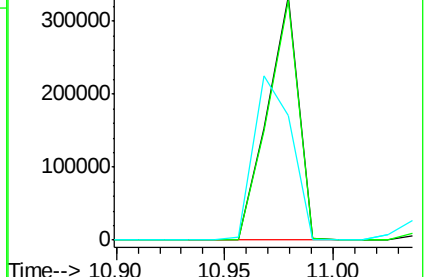
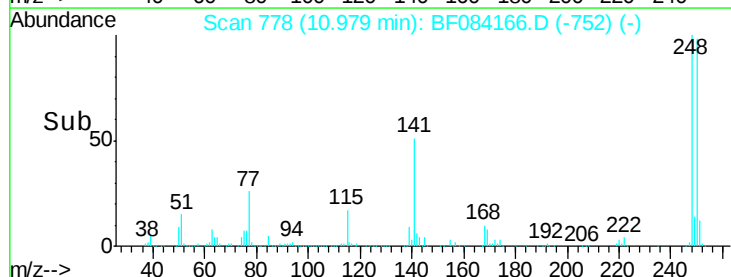
141 51.1 57.1 85.7#

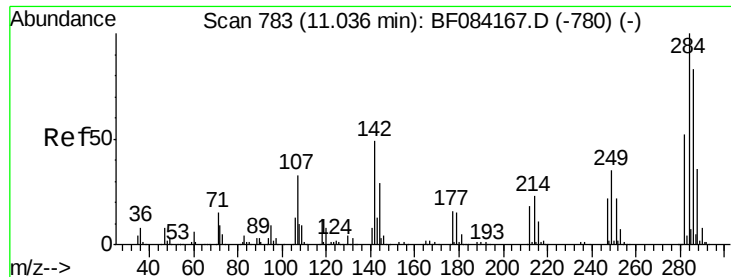


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





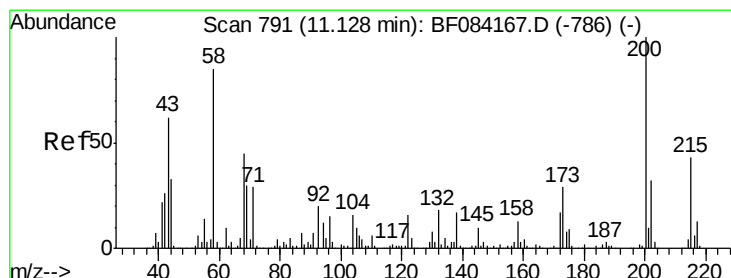
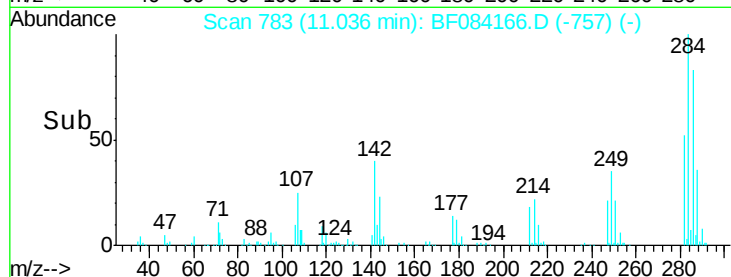
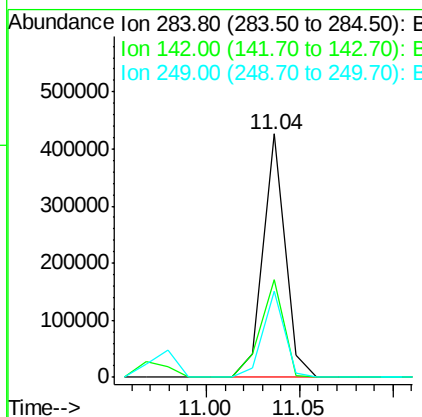
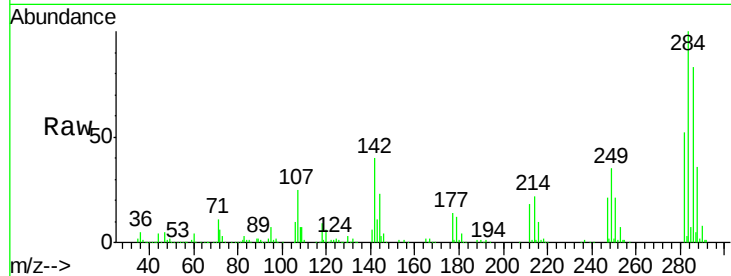
#67
Hexachlorobenzene
Concen: 23.37 ng
RT: 11.04 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF084166.D
Acq: 31 Dec 2015 00:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
284	100	347047		
142	39.9	39.4	59.2	
249	35.2	27.8	41.6	

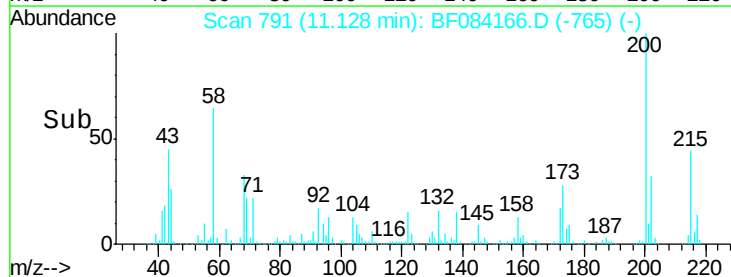
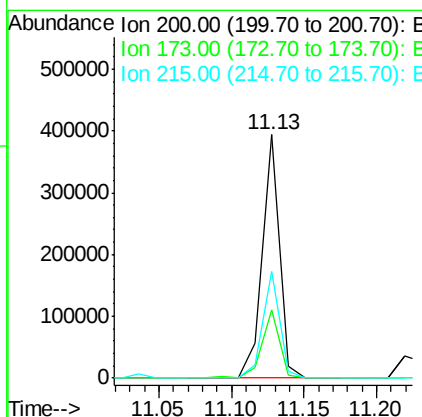
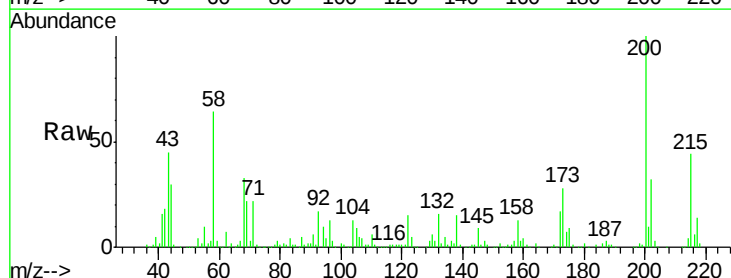
Manual Integrations
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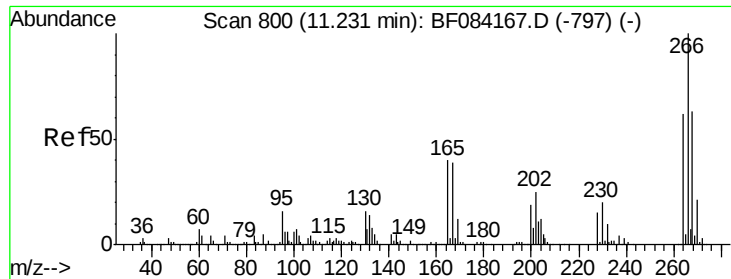
Sohil
12/31/2015 6:41:11 PM



#68
Atrazine
Concen: 25.44 ng
RT: 11.13 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF084166.D
Acq: 31 Dec 2015 00:27

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	324843		
173	28.0	8.5	48.5	
215	44.0	22.7	62.7	





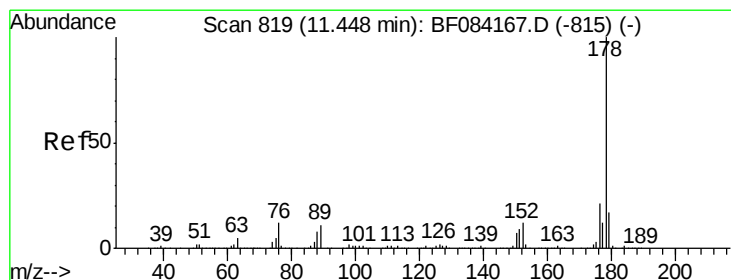
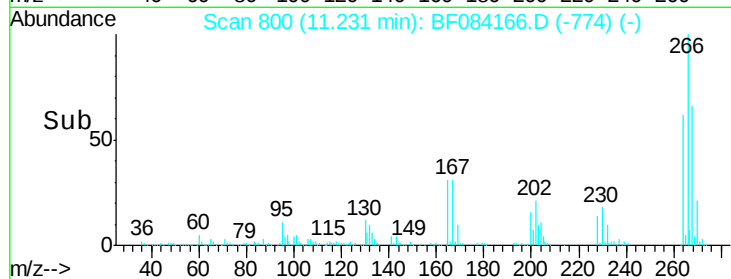
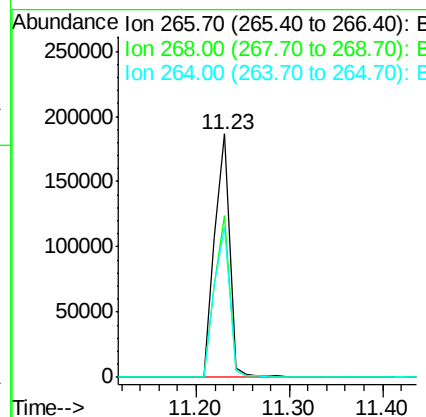
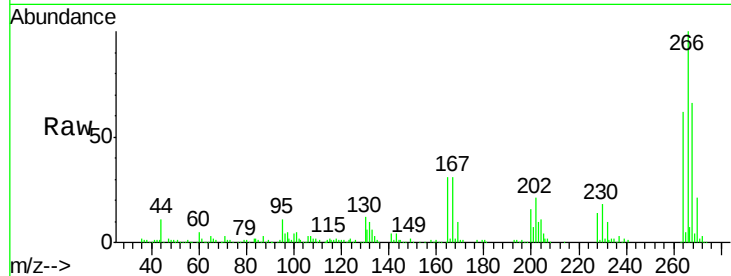
#69
 Pentachlorophenol
 Concen: 42.37 ng
 RT: 11.23 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF084166.D
 Acq: 31 Dec 2015 00:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.2	50.7	76.1
264	61.8	49.9	74.9

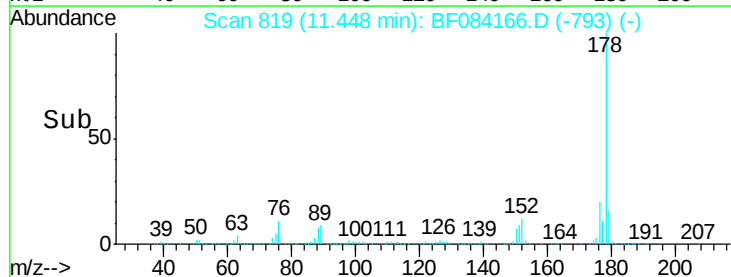
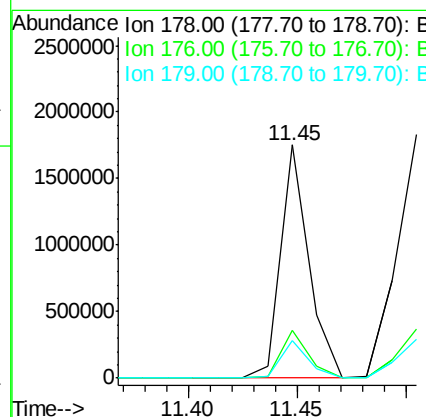
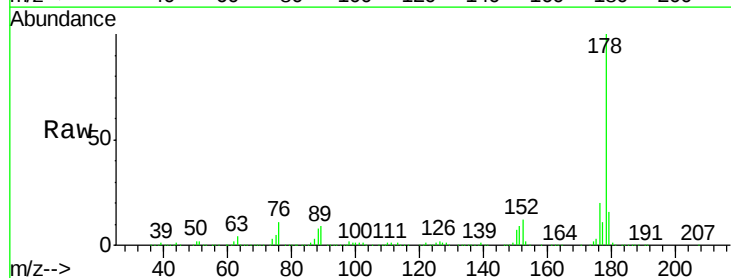
Manual Integrations
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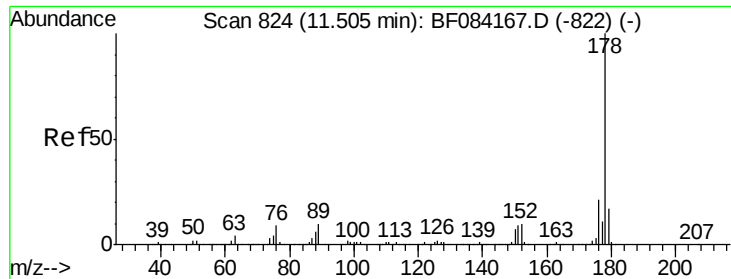
Sohil
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#70
 Phenanthrene
 Concen: 23.02 ng
 RT: 11.45 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF084166.D
 Acq: 31 Dec 2015 00:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.6	25.0
179	16.1	13.4	20.0





#71
 Anthracene
 Concen: 24.72 ng
 RT: 11.50 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BF084166.D
 Acq: 31 Dec 2015 00:27

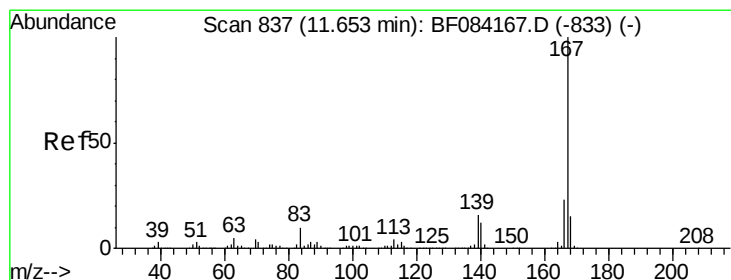
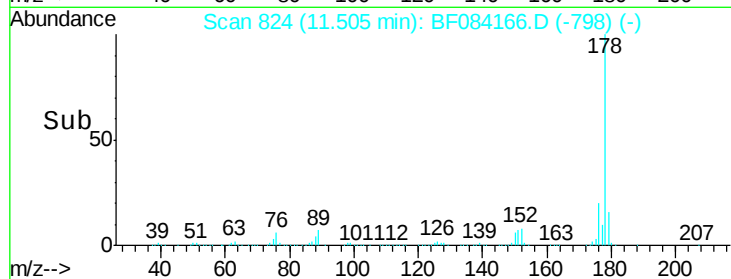
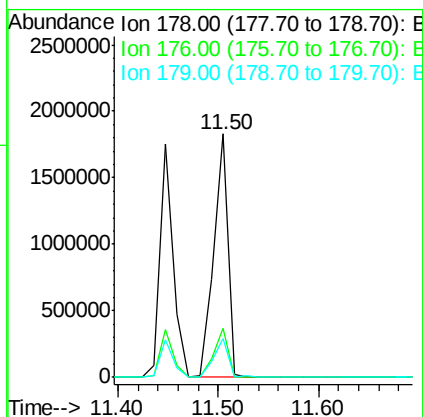
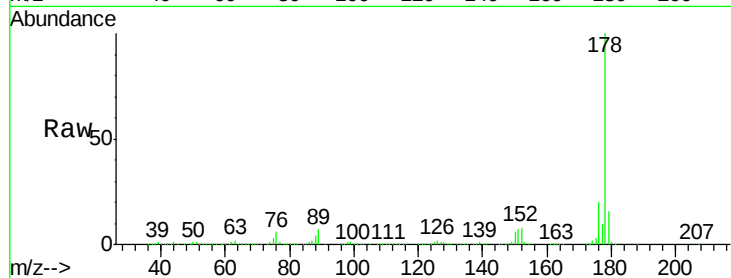
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion:178 Resp: 1782301

Ion	Ratio	Lower	Upper
178	100		
176	19.9	17.1	25.7
179	15.7	13.9	20.9

Manual Integrations
 APPROVED

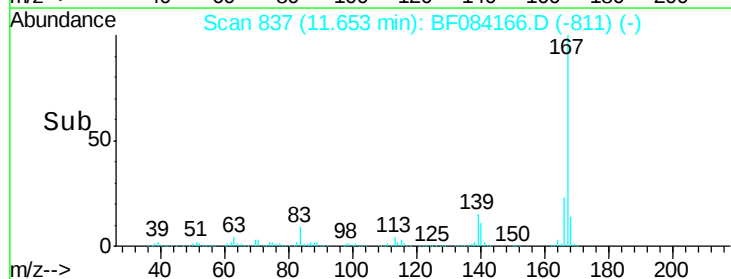
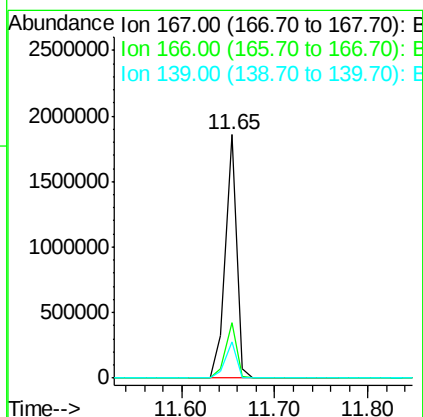
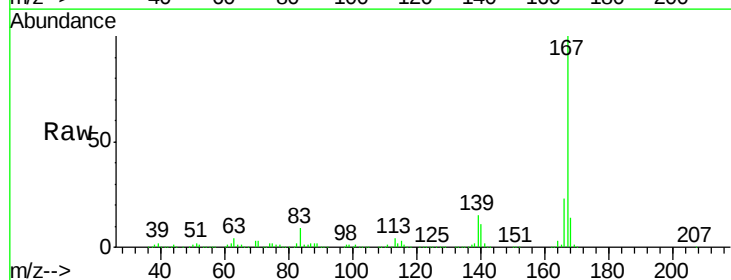
Sohil
 12/31/2015 6:41:11 PM

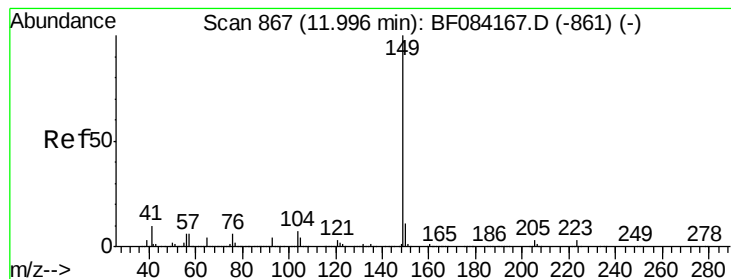


#72
 Carbazole
 Concen: 25.19 ng
 RT: 11.65 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF084166.D
 Acq: 31 Dec 2015 00:27

Tgt Ion:167 Resp: 1551907

Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.6	28.0
139	14.7	13.0	19.6





#73

Di-n-butylphthalate

Concen: 24.01 ng

RT: 12.00 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF084166.D

Acq: 31 Dec 2015 00:27

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:149 Resp: 1903813

Ion Ratio Lower Upper

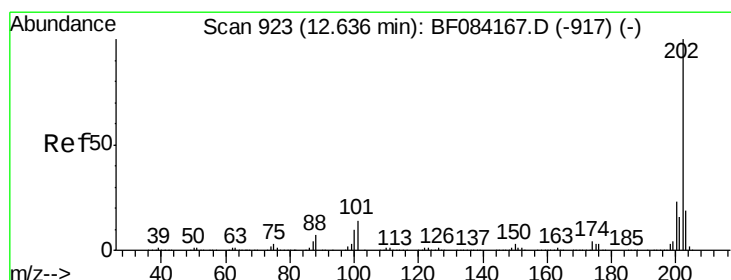
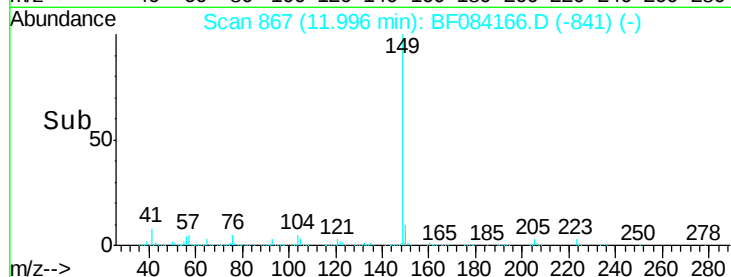
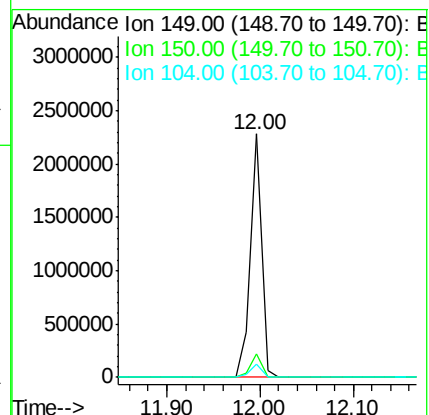
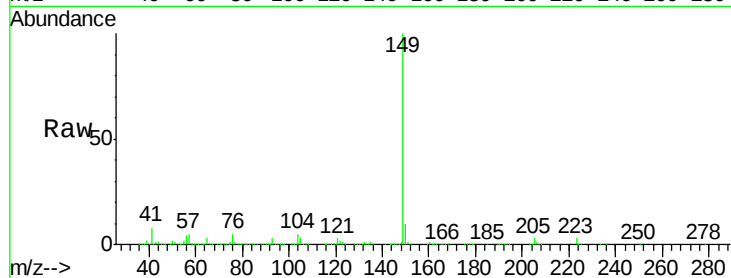
149 100

150 9.9 8.5 12.7

104 5.4 5.2 7.8

Manual Integrations
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#74

Fluoranthene

Concen: 23.35 ng

RT: 12.64 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF084166.D

Acq: 31 Dec 2015 00:27

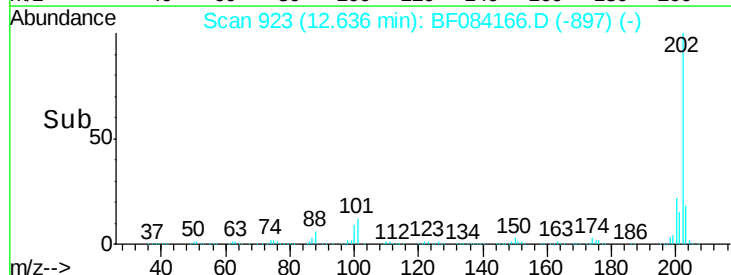
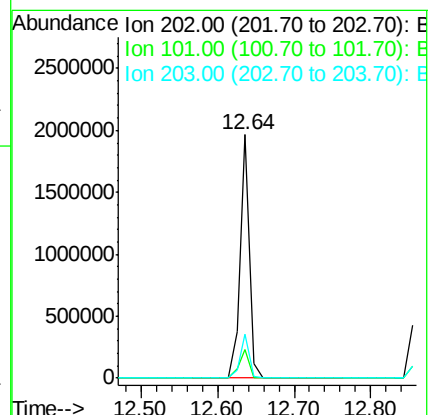
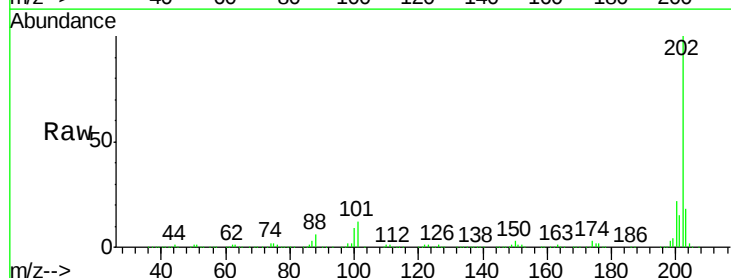
Tgt Ion:202 Resp: 1695957

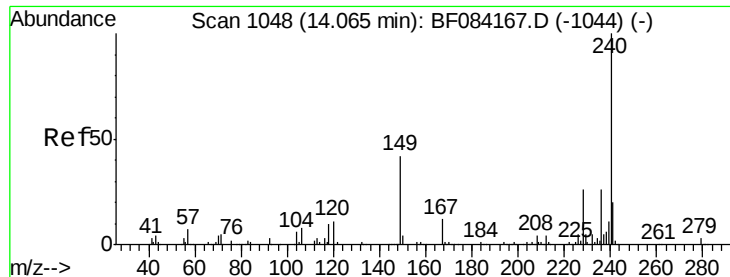
Ion Ratio Lower Upper

202 100

101 11.8 0.0 34.0

203 18.3 0.0 39.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF084166.D

Acq: 31 Dec 2015 00:27

Instrument :

BNA_F

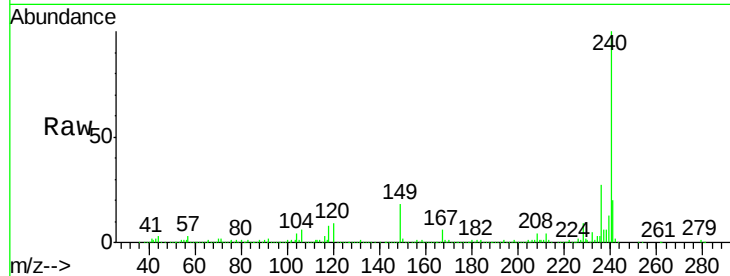
ClientSampleId :

SSTDICC025

Tot Ion:	240	Resp:	932403
Ion Ratio	Lower	Upper	
240	100		
120	9.2	8.8	13.2
236	26.7	20.8	31.2

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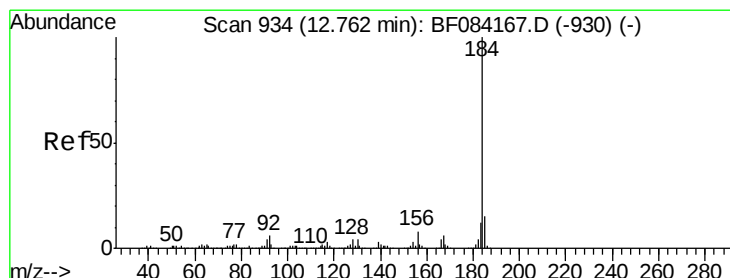
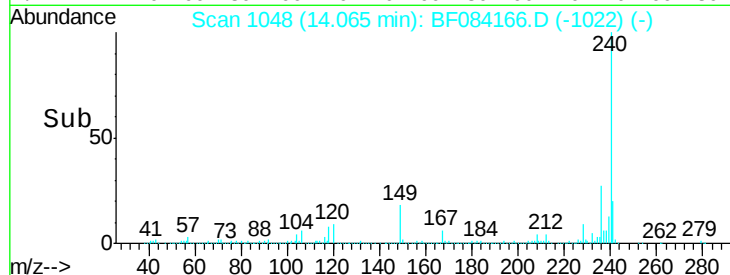
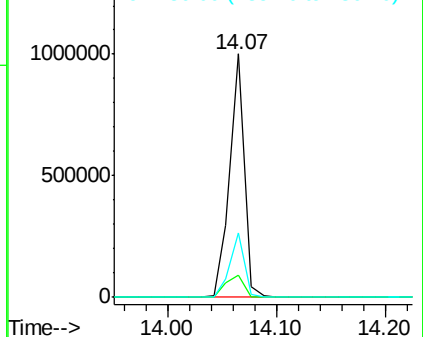
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 30.16 ng

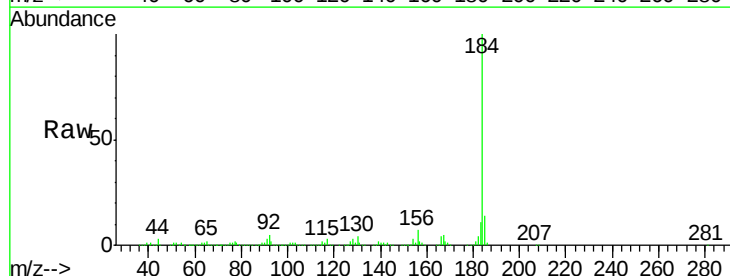
RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF084166.D

Acq: 31 Dec 2015 00:27

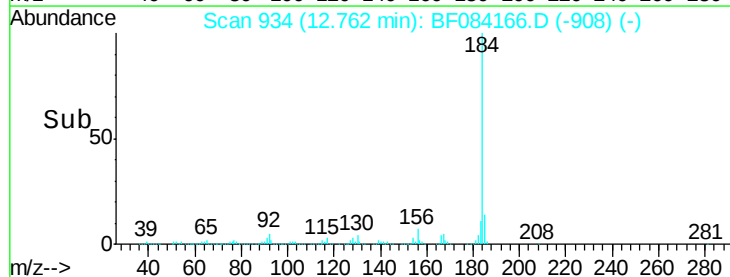
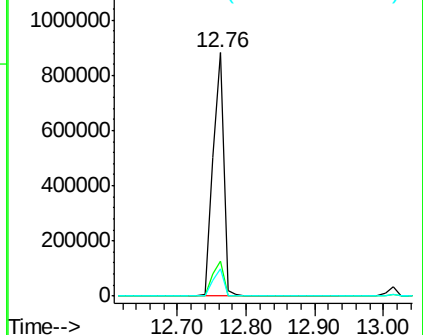
Tgt Ion:	184	Resp:	980693
Ion Ratio	Lower	Upper	
184	100		
185	14.3	11.9	17.9
183	11.4	9.5	14.3

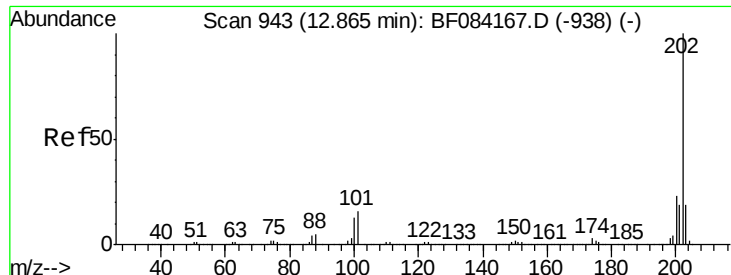


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 21.80 ng

RT: 12.87 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF084166.D

Acq: 31 Dec 2015 00:27

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:202 Resp: 1692986

Ion Ratio Lower Upper

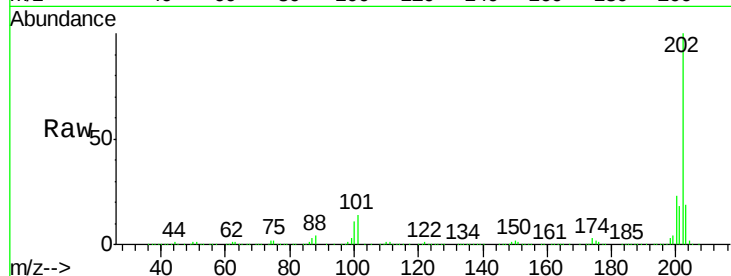
202 100

200 23.0 18.7 28.1

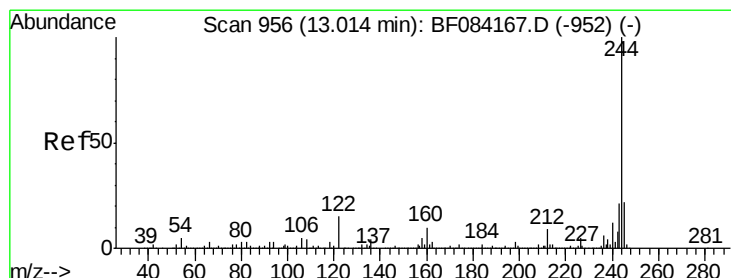
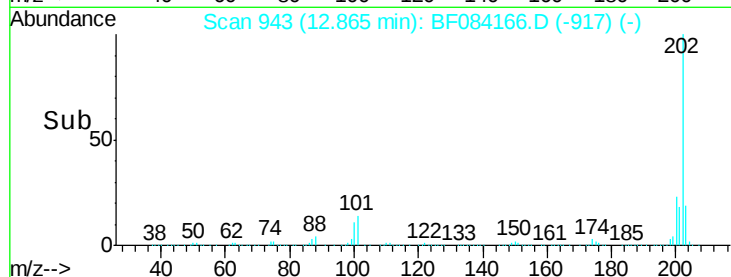
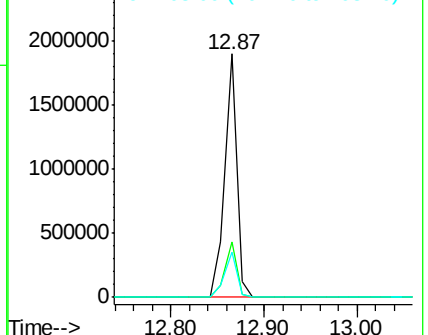
203 18.7 15.2 22.8

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



#78

Terphenyl-d14

Concen: 38.29 ng

RT: 13.01 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF084166.D

Acq: 31 Dec 2015 00:27

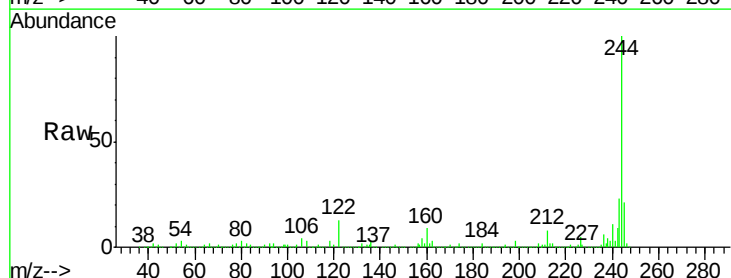
Tgt Ion:244 Resp: 1907739

Ion Ratio Lower Upper

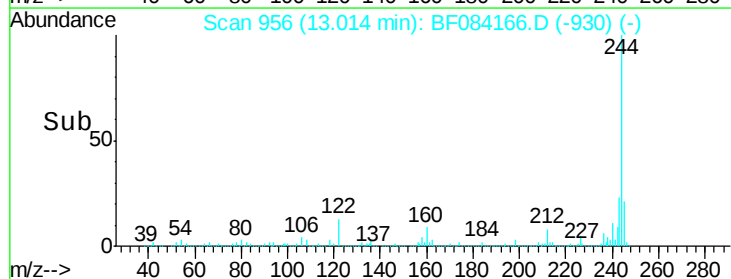
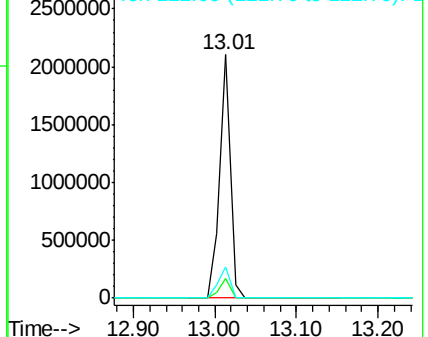
244 100

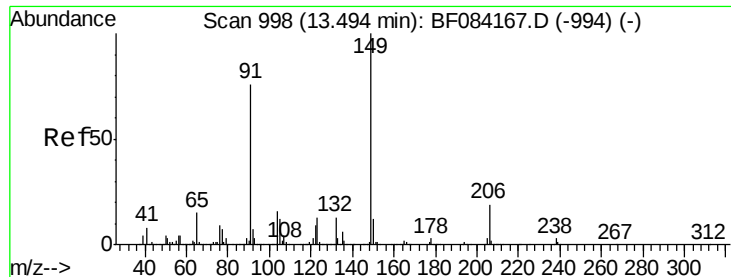
212 8.0 7.0 10.4

122 12.7 11.9 17.9



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





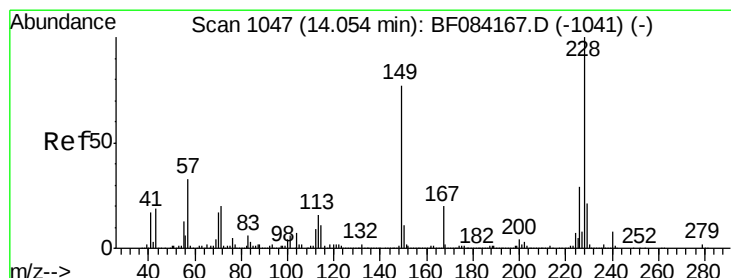
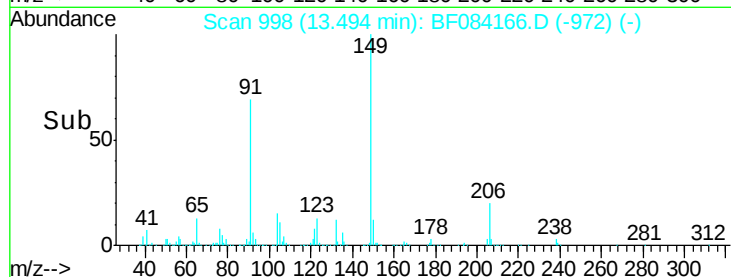
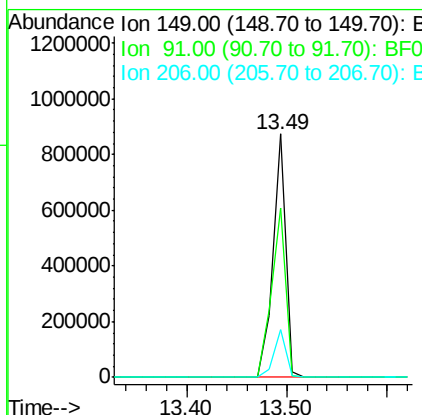
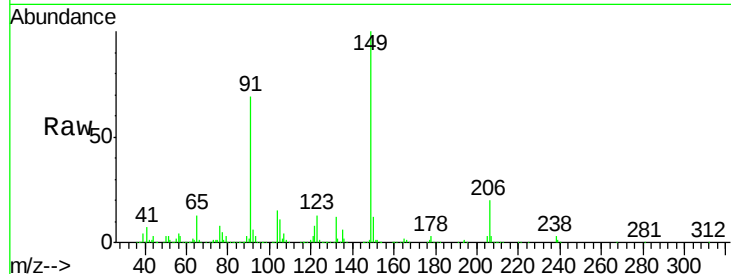
#79
Butylbenzylphthalate
Concen: 23.30 ng
RT: 13.49 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF084166.D
Acq: 31 Dec 2015 00:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.5	61.1	91.7
206	19.9	15.3	22.9

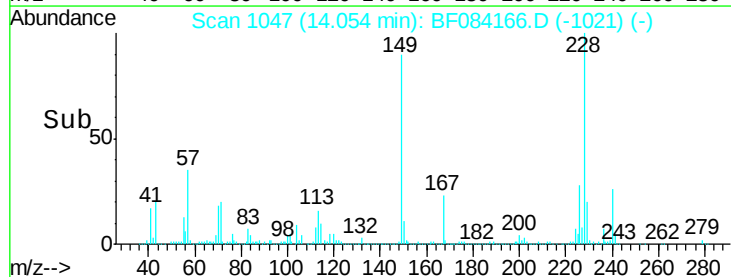
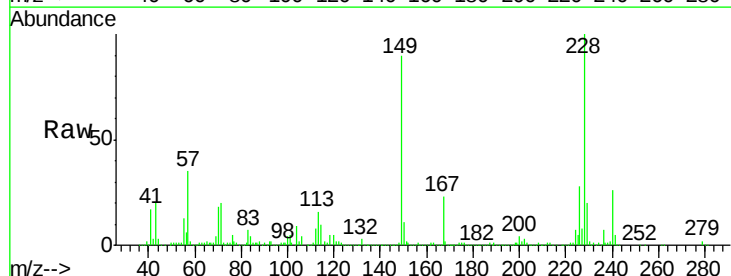
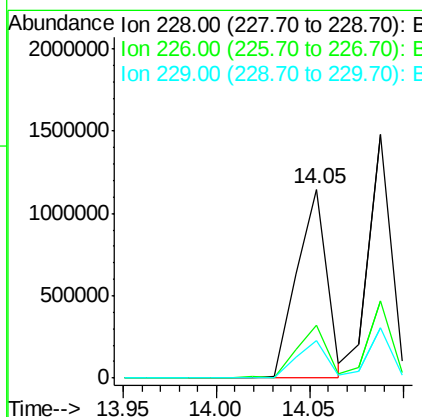
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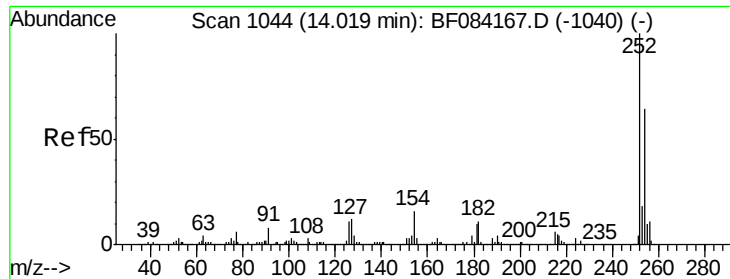
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#80
Benzo(a)anthracene
Concen: 22.71 ng
RT: 14.05 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF084166.D
Acq: 31 Dec 2015 00:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	23.1	34.7
229	20.0	16.6	25.0





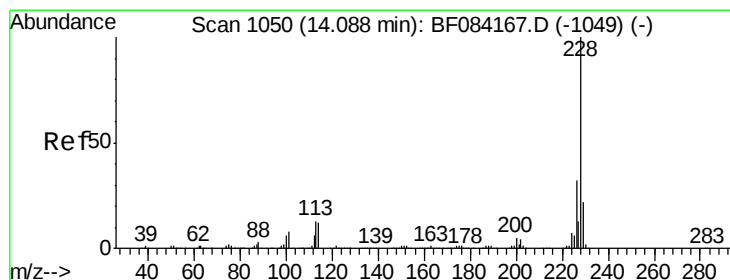
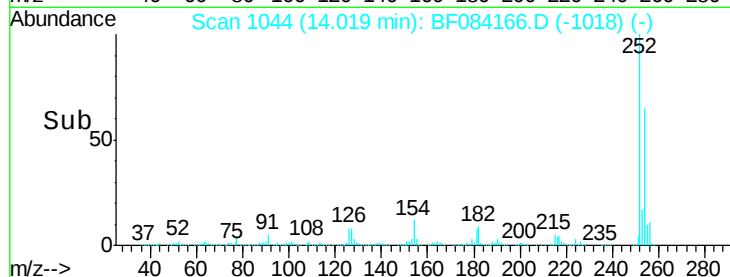
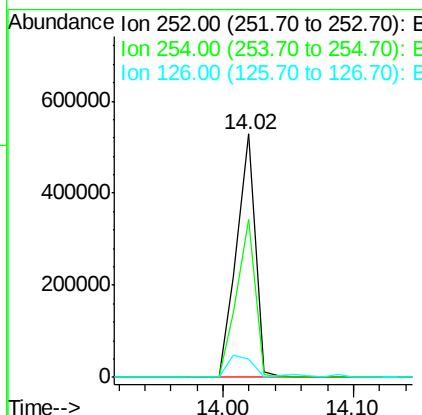
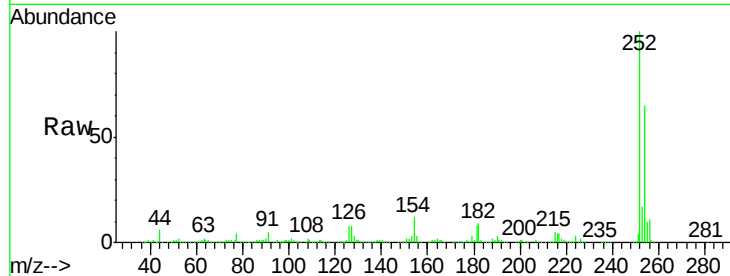
#81
 3,3'-Dichlorobenzidine
 Concen: 29.62 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF084166.D
 Acq: 31 Dec 2015 00:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.8	51.4	77.0
126	7.6	9.0	13.6

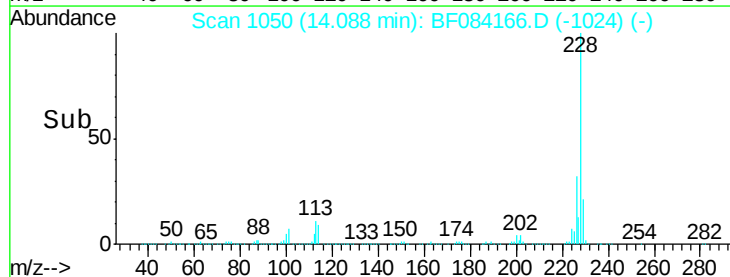
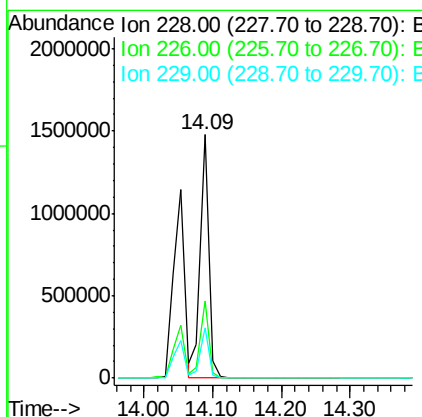
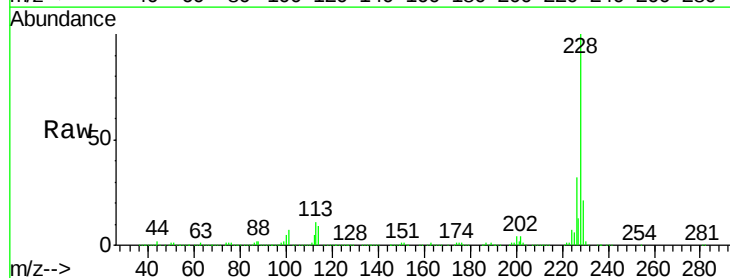
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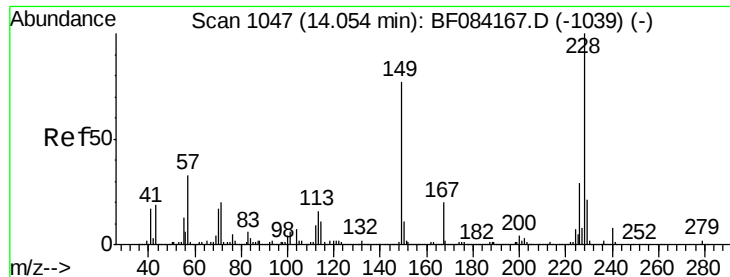
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#82
 Chrysene
 Concen: 24.46 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF084166.D
 Acq: 31 Dec 2015 00:27

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.7	25.4	38.2
229	20.9	17.4	26.2





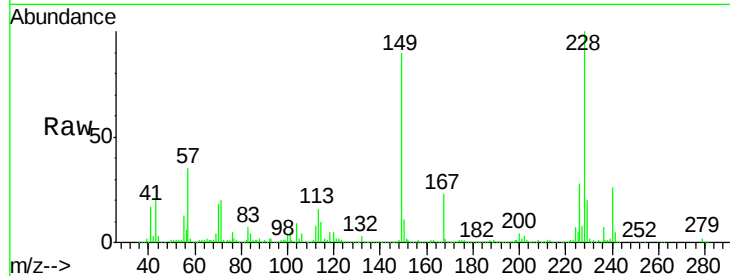
#83
Bis(2-ethylhexyl)phthalate
Concen: 21.58 ng
RT: 14.05 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF084166.D
Acq: 31 Dec 2015 00:27

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

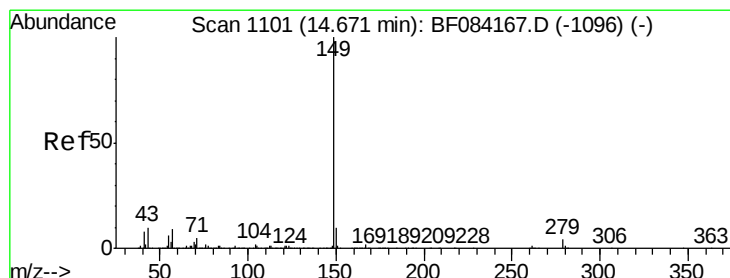
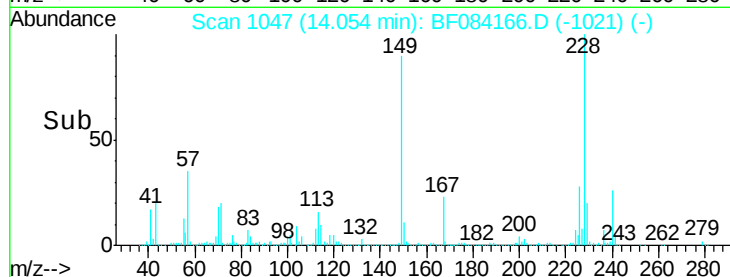
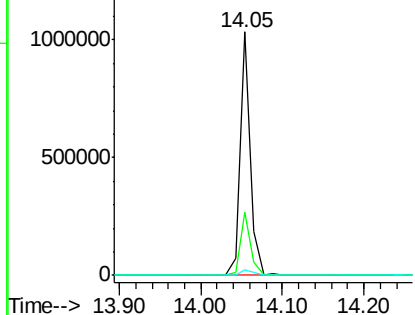
Tot Ion	Ratio	Resp	Lower	Upper
149	100	899651		
167	26.0	20.6	30.8	
279	2.4	1.6	2.4	

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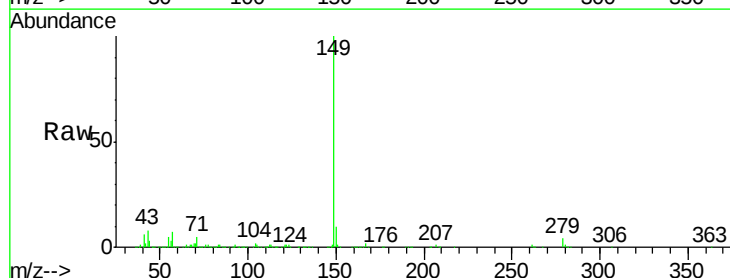


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

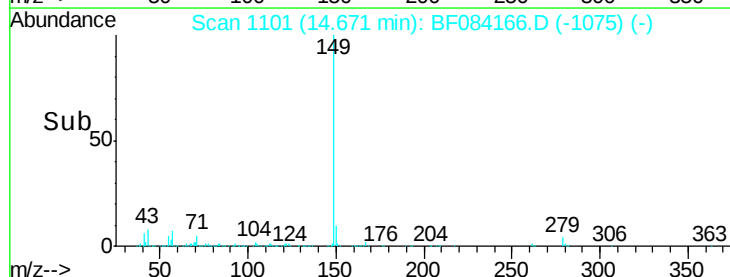
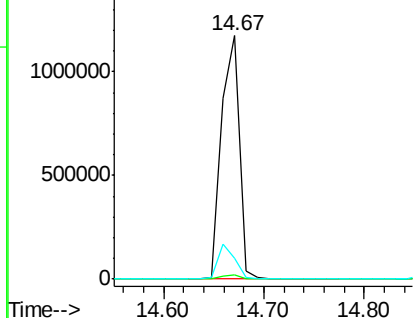


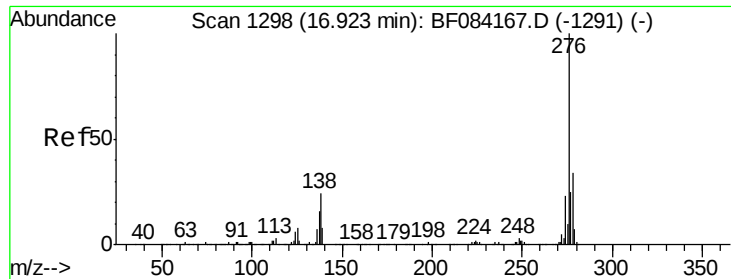
#84
Di-n-octyl phthalate
Concen: 24.07 ng
RT: 14.67 min Scan# 1101
Delta R.T. 0.00 min
Lab File: BF084166.D
Acq: 31 Dec 2015 00:27

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1446878		
167	1.5	1.3	1.9	
43	13.2	10.5	15.7	



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





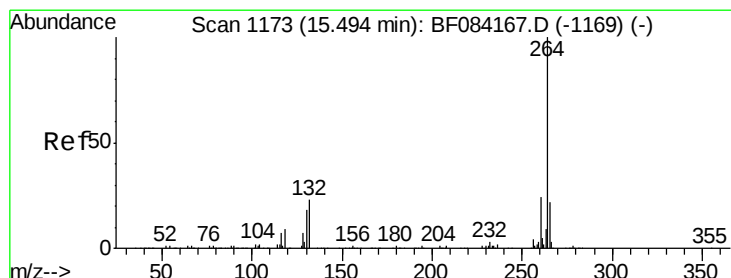
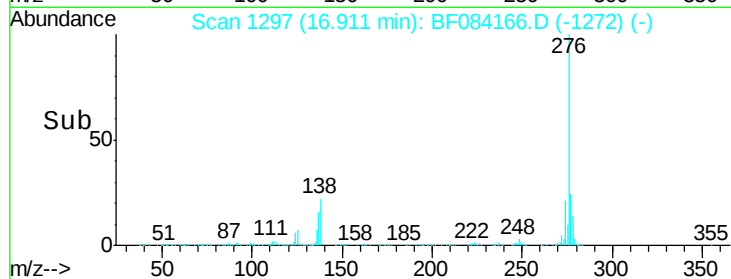
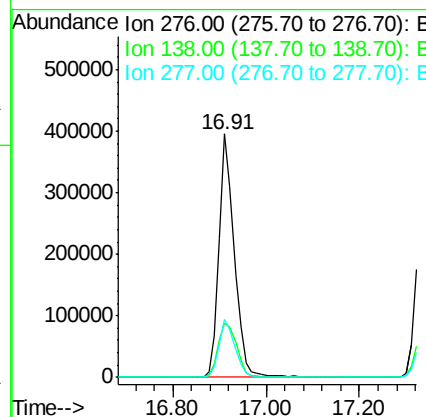
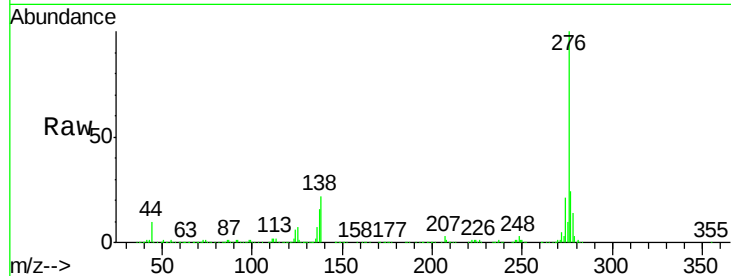
#85
Indeno(1,2,3-cd)pyrene
Concen: 17.82 ng
RT: 16.91 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF084166.D
Acq: 31 Dec 2015 00:27

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.9	21.8	32.6
277	24.8	19.7	29.5

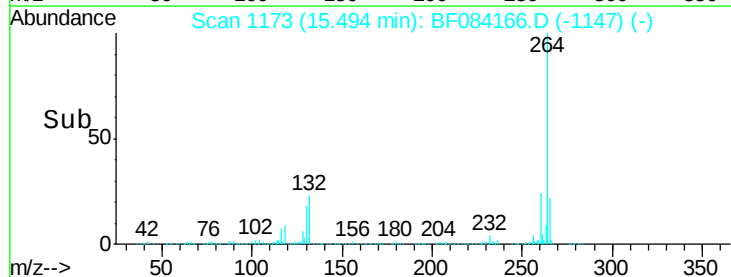
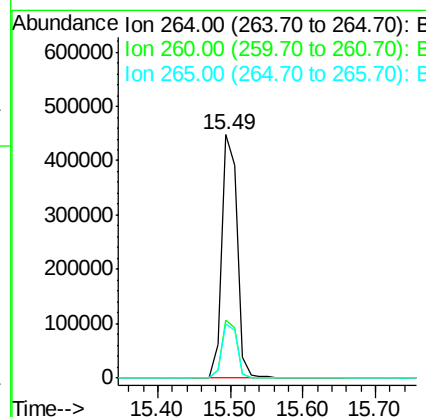
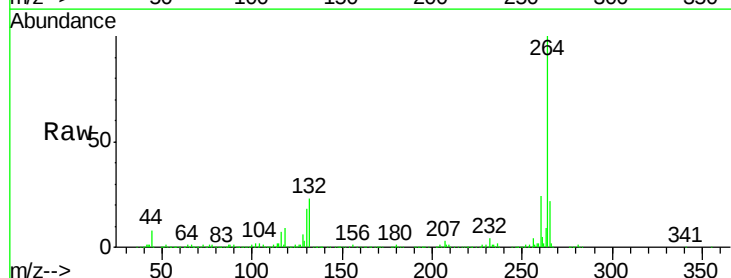
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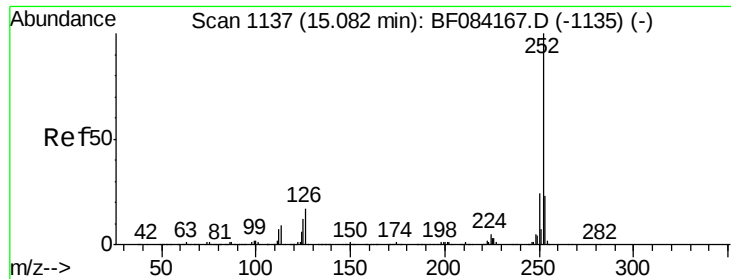
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF084166.D
Acq: 31 Dec 2015 00:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	22.3	18.0	27.0





#87

Benzo(b)fluoranthene

Concen: 20.38 ng m

RT: 15.08 min Scan# 1137

Delta R.T. 0.00 min

Lab File: BF084166.D

Acq: 31 Dec 2015 00:27

Instrument :

BNA_F

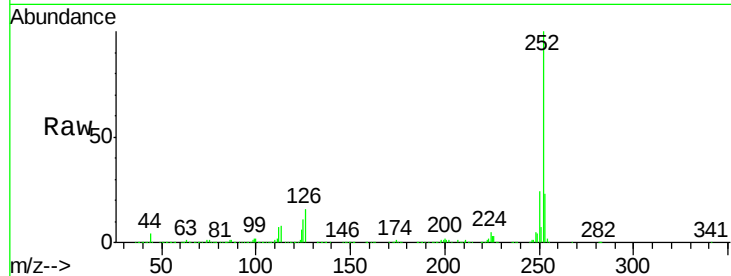
ClientSampleId :

SSTDIC025

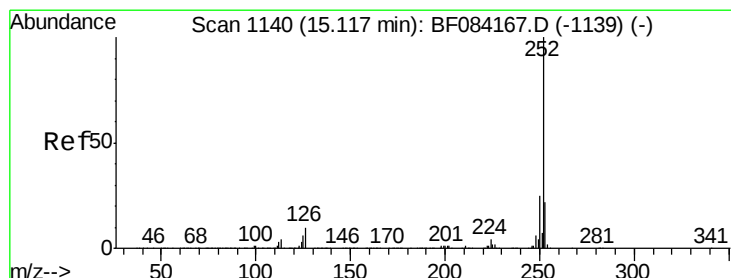
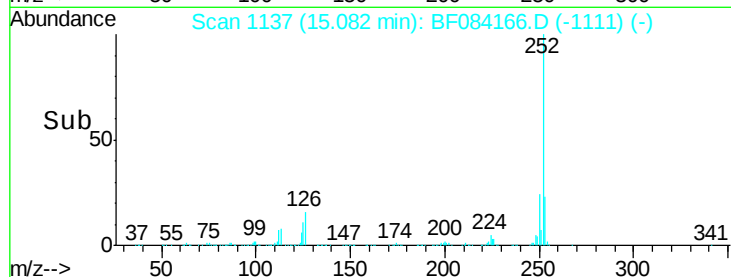
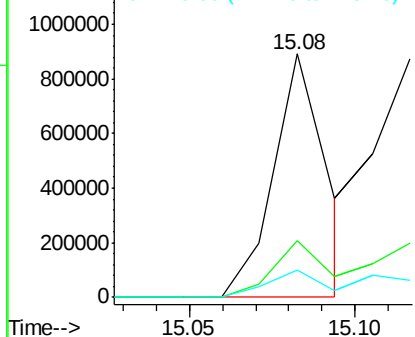
Tot Ion:	252	Resp:	997207
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.2	27.4
125	11.4	9.8	14.6

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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



#88

Benzo(k)fluoranthene

Concen: 30.94 ng m

RT: 15.12 min Scan# 1140

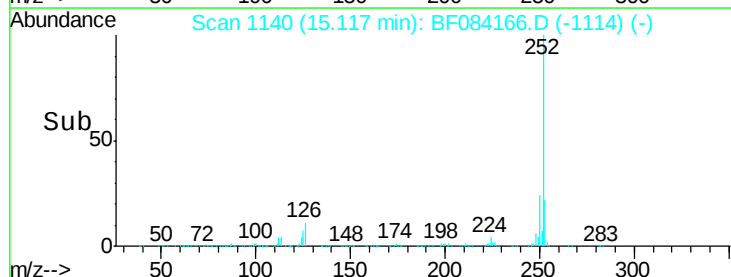
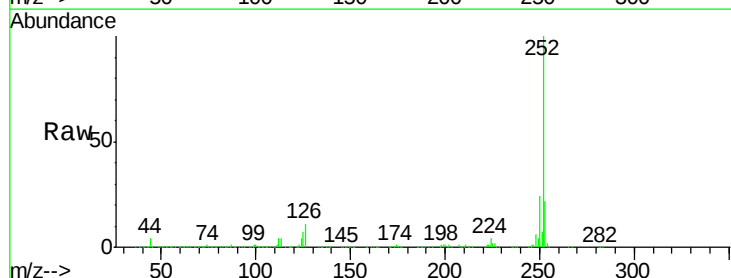
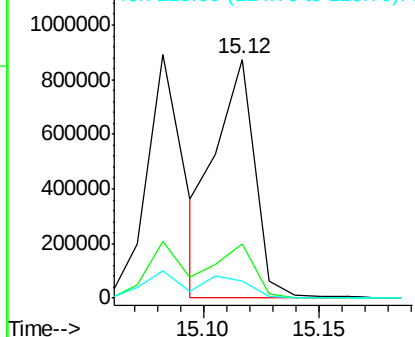
Delta R.T. 0.00 min

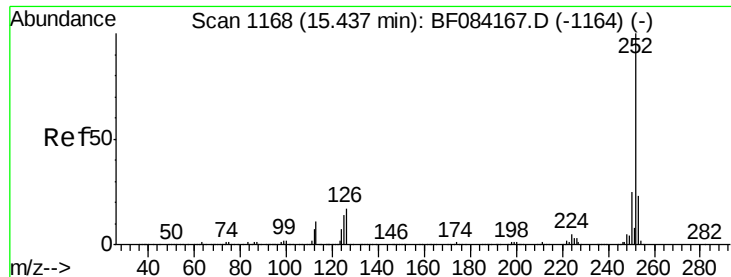
Lab File: BF084166.D

Acq: 31 Dec 2015 00:27

Tgt Ion:	252	Resp:	1021808
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.9	26.9
125	7.3	8.2	12.2#

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





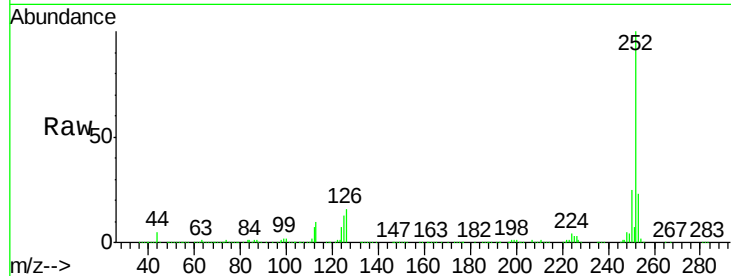
#89
Benzo(a)pyrene
Concen: 23.42 ng
RT: 15.44 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF084166.D
Acq: 31 Dec 2015 00:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

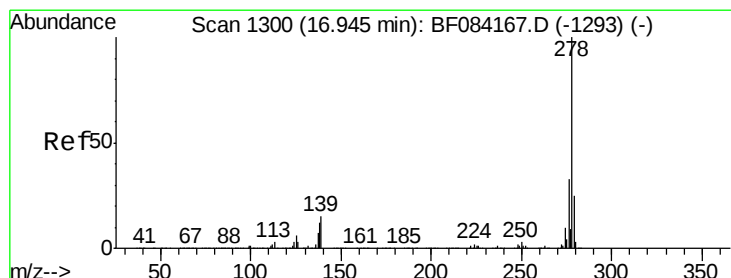
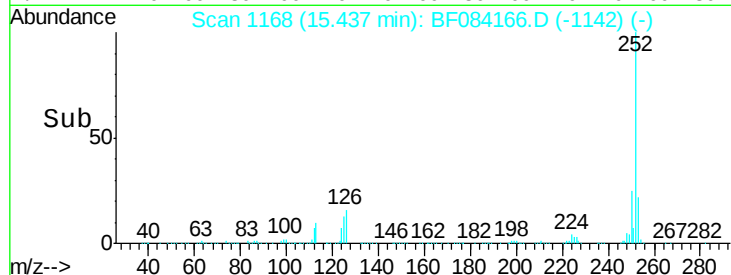
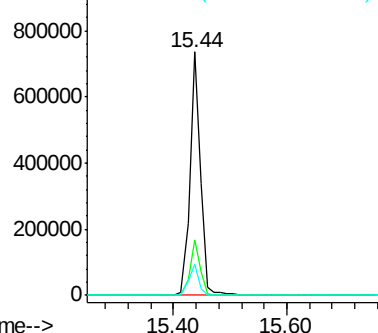
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	13.0	11.1	16.7

Manual Integrations
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12/31/2015 6:41:11 PM

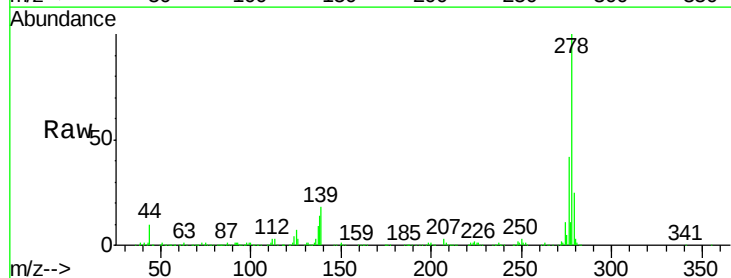


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

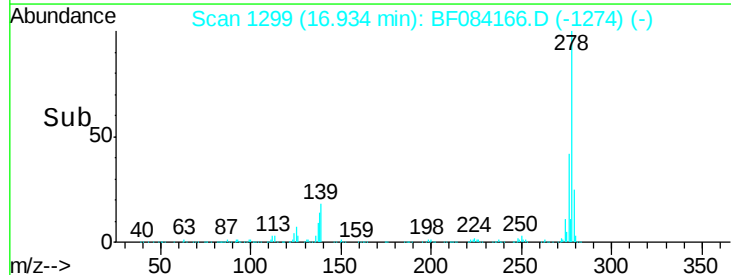
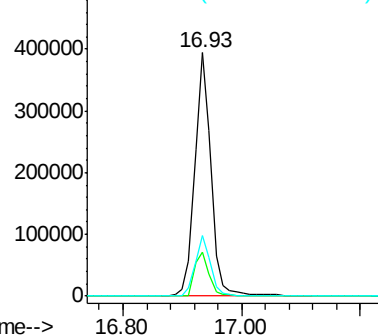


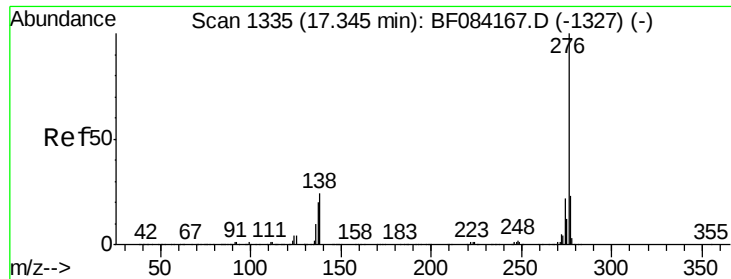
#90
Dibenzo(a,h)anthracene
Concen: 19.54 ng
RT: 16.93 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF084166.D
Acq: 31 Dec 2015 00:27

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.2	11.9	17.9#
279	24.9	19.7	29.5



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: 19.09 ng
 RT: 17.35 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: BF084166.D
 Acq: 31 Dec 2015 00:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.7	28.1
138	20.1	19.4	29.2

Manual Integrations
 APPROVED

Sohil
 12/31/2015 6:41:11 PM

