

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123015\
 Data File : BF084169.D
 Acq On : 31 Dec 2015 1:49
 Operator : UM/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Sohil
 12/31/2015 6:41:25 PM

Quant Time: Dec 31 04:20:22 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	322660	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1323284	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	625721	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	1104004	20.00	ng	0.00
75) Chrysene-d12	14.07	240	696633	20.00	ng	0.00
86) Perylene-d12	15.51	264	573602	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	2124481	110.41	ng	0.00
7) Phenol-d6	6.53	99	2889034	120.66	ng	0.01
23) Nitrobenzene-d5	7.47	82	2715265	118.34	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	751325	112.53	ng	0.01
44) 2-Fluorobiphenyl	9.28	172	4174384	93.44	ng	0.01
78) Terphenyl-d14	13.01	244	3651036	98.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	578764	71.68	ng	98
3) Pyridine	3.26	79	1671547	81.74	ng	99
4) n-Nitrosodimethylamine	3.22	42	831253	89.27	ng	93
6) Aniline	6.57	93	2186015	70.97	ng	96
8) 2-Chlorophenol	6.69	128	1336709	57.30	ng	# 81
9) Benzaldehyde	6.45	77	849760	65.18	ng	88
10) Phenol	6.54	94	1786526	65.64	ng	97
11) bis(2-Chloroethyl)ether	6.65	93	1383062	70.15	ng	87
12) 1,3-Dichlorobenzene	6.84	146	1291242	50.99	ng	97
13) 1,4-Dichlorobenzene	6.92	146	1332054	51.75	ng	97
14) 1,2-Dichlorobenzene	7.08	146	1252110m	53.14	ng	
15) Benzyl Alcohol	7.05	79	1165304	62.63	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.18	45	2277876	103.41	ng	99
17) 2-Methylphenol	7.15	107	1153774	62.80	ng	99
18) Hexachloroethane	7.42	117	571650	60.47	ng	92
19) n-Nitroso-di-n-propylamine	7.33	70	1037415	69.76	ng	96
20) 3+4-Methylphenols	7.31	107	1240805	53.16	ng	91
22) Acetophenone	7.32	105	1813051	55.26	ng	# 83
24) Nitrobenzene	7.49	77	1497835	63.10	ng	91
25) Isophorone	7.73	82	2658571	62.53	ng	95
26) 2-Nitrophenol	7.80	139	621127	51.61	ng	93
27) 2,4-Dimethylphenol	7.85	122	1379540	68.55	ng	95
28) bis(2-Chloroethoxy)methane	7.95	93	1663051	66.73	ng	98
29) 2,4-Dichlorophenol	8.04	162	1031784	54.12	ng	95
30) 1,2,4-Trichlorobenzene	8.13	180	1111291	53.89	ng	99
31) Naphthalene	8.21	128	3160271	45.67	ng	98
32) Benzoic acid	7.97	122	1055911m	97.08	ng	
33) 4-Chloroaniline	8.26	127	1445989	50.85	ng	96
34) Hexachlorobutadiene	8.34	225	660431	55.67	ng	99
35) Caprolactam	8.65	113	359332	66.65	ng	93
36) 4-Chloro-3-methylphenol	8.74	107	1123209	52.59	ng	88
37) 2-Methylnaphthalene	8.91	142	2423782	55.05	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	926062	47.40	ng	97
40) Hexachlorocyclopentadiene	9.06	237	650769	123.01	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	772074	59.98	nq	99
43) 2,4,5-Trichlorophenol	9.22	196	776352	60.31	nq #	84
45) 1,1'-Biphenyl	9.37	154	2649615	48.36	nq	97
46) 2-Chloronaphthalene	9.39	162	2069256	49.39	nq	99
47) 2-Nitroaniline	9.48	65	696886	60.66	nq	97
48) Acenaphthylene	9.81	152	3353384	48.22	nq	97
49) Dimethylphthalate	9.68	163	2261712	44.08	nq	97
50) 2,6-Dinitrotoluene	9.73	165	560508	52.09	nq #	50
51) Acenaphthene	9.98	154	2282053	55.44	nq	98
52) 3-Nitroaniline	9.90	138	774866	67.18	nq	82
53) 2,4-Dinitrophenol	10.00	184	241256	74.01	nq #	67
54) Dibenzofuran	10.16	168	2990900	52.64	nq #	90
55) 4-Nitrophenol	10.05	139	617329	92.37	nq #	77
56) 2,4-Dinitrotoluene	10.13	165	729423	50.48	nq #	42
57) Fluorene	10.50	166	2305937	49.00	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.27	232	684268	72.75	nq	95
59) Diethylphthalate	10.37	149	2425404	46.19	nq	98
60) 4-Chlorophenyl-phenylether	10.49	204	916351	41.87	nq	93
61) 4-Nitroaniline	10.51	138	661353	59.93	nq	87
62) Azobenzene	10.65	77	2655793	59.26	nq	97
64) 4,6-Dinitro-2-methylphenol	10.54	198	411981	66.75	nq #	58
65) n-Nitrosodiphenylamine	10.61	169	2110159	55.14	nq	100
66) 4-Bromophenyl-phenylether	10.98	248	662240	51.82	nq #	88
67) Hexachlorobenzene	11.05	284	763950	55.12	nq #	65
68) Atrazine	11.14	200	721177	60.51	nq	97
69) Pentachlorophenol	11.23	266	489925	104.69	nq	99
70) Phenanthrene	11.46	178	3448603	53.51	nq	97
71) Anthracene	11.50	178	3013977	44.80	nq	99
72) Carbazole	11.66	167	3138556	54.60	nq	97
73) Di-n-butylphthalate	12.00	149	3228967	43.63	nq	98
74) Fluoranthene	12.64	202	3156254	46.57	nq	99
76) Benzidine	12.76	184	1526077	62.82	nq	98
77) Pyrene	12.87	202	3272699	56.40	nq	99
79) Butylbenzylphthalate	13.49	149	1422534	57.50	nq	94
80) Benzo(a)anthracene	14.05	228	2309212	54.36	nq	99
81) 3,3'-Dichlorobenzidine	14.02	252	838013	63.27	nq #	97
82) Chrysene	14.09	228	2204905	58.01	nq	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	1629696	52.32	nq	99
84) Di-n-octyl phthalate	14.67	149	2767639	61.64	nq	99
85) Indeno(1,2,3-cd)pyrene	16.92	276	2124962	55.80	nq	99
87) Benzo(b)fluoranthene	15.09	252	2175038	51.08	nq #	96
88) Benzo(k)fluoranthene	15.12	252	1671106m	58.15	nq	
89) Benzo(a)pyrene	15.45	252	1897271	54.27	nq #	96
90) Dibenzo(a,h)anthracene	16.95	278	1740934	52.30	nq #	97
91) Benzo(g,h,i)perylene	17.36	276	1803029	52.89	nq	99

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

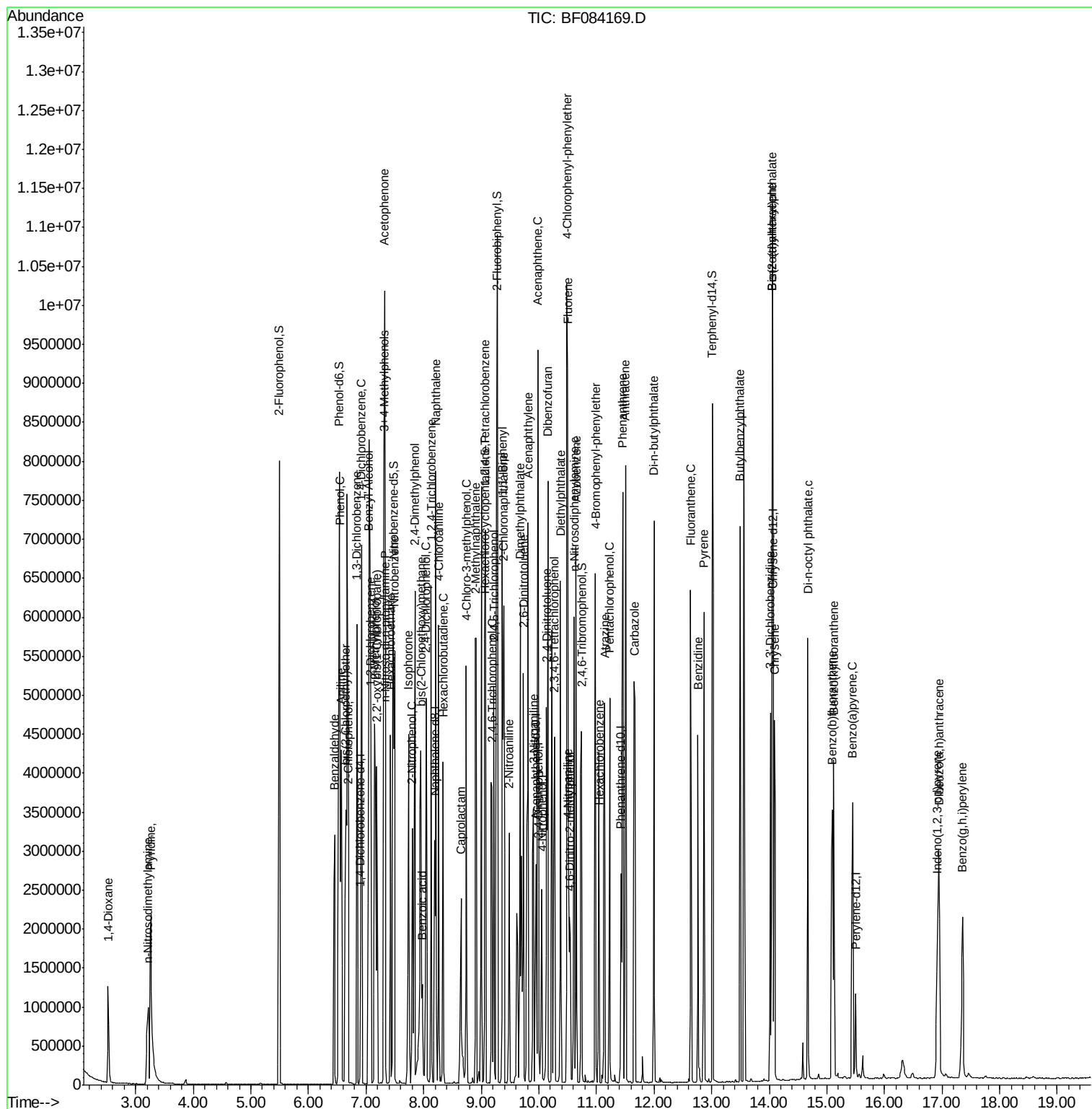
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Acq On    : 31 Dec 2015    1:49  
Operator  : UM/SJ  
Sample    : SSTDICC060  
Misc      :  
ALS Vial  : 8    Sample Multiplier: 1
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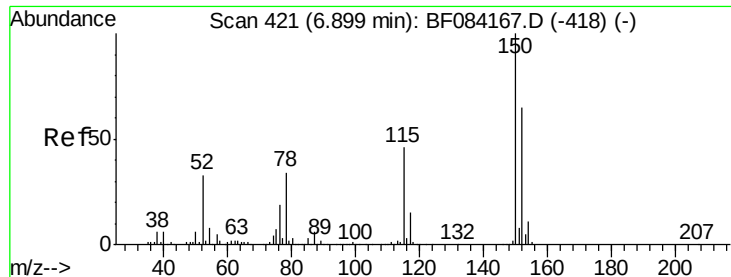
Instrument :
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Manual Integrations APPROVED

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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: BF084169.D

Acq: 31 Dec 2015 1:49

Instrument :

BNA_F

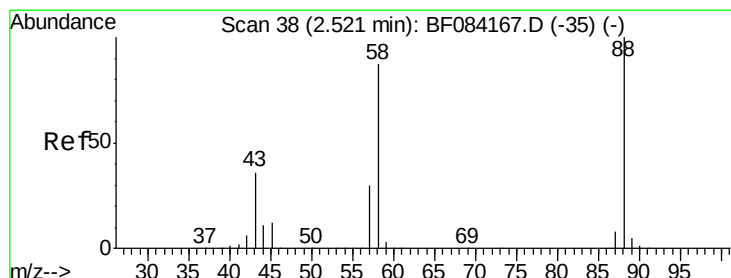
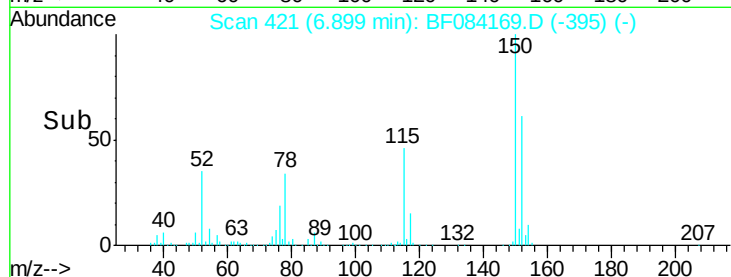
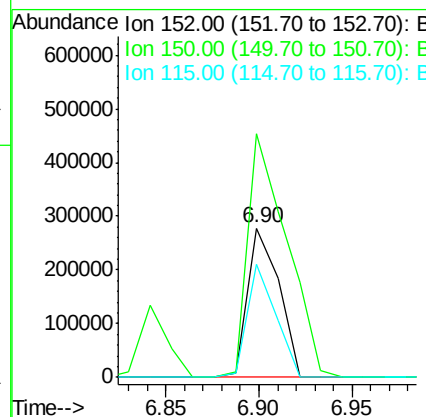
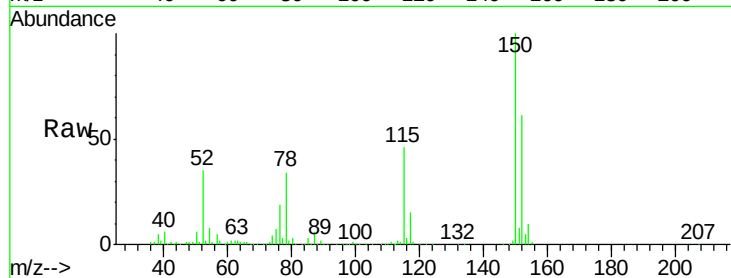
ClientSampled :

SSTDICC060

Tot Ion:	152	Resp:	322660
Ion Ratio	Lower	Upper	
152	100		
150	163.5	123.8	185.8
115	75.7	57.1	85.7

Manual Integrations
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#2

1,4-Dioxane

Concen: 71.68 ng

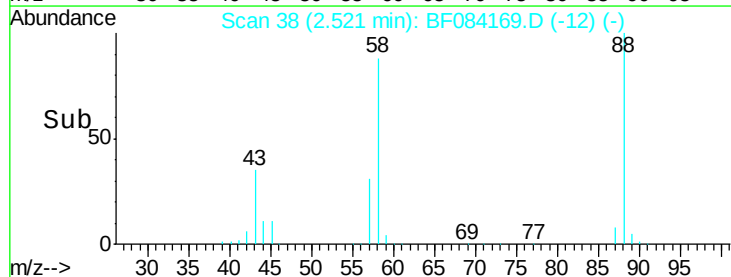
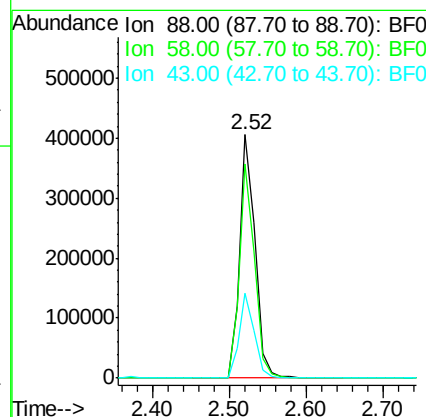
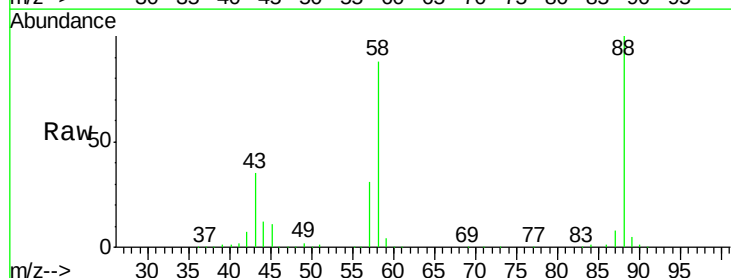
RT: 2.52 min Scan# 38

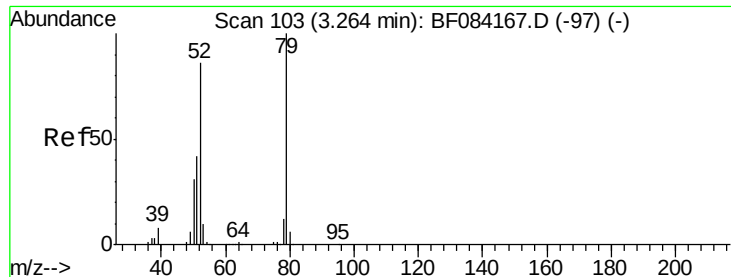
Delta R.T. 0.00 min

Lab File: BF084169.D

Acq: 31 Dec 2015 1:49

Tgt Ion:	88	Resp:	578764
Ion Ratio	Lower	Upper	
88	100		
58	87.0	67.8	101.6
43	34.4	27.8	41.8





#3

Pvridine

Concen: 81.74 ng

RT: 3.26 min Scan# 103

Delta R.T. 0.00 min

Lab File: BF084169.D

Acq: 31 Dec 2015 1:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion: 79 Resp: 1671547

Ion Ratio Lower Upper

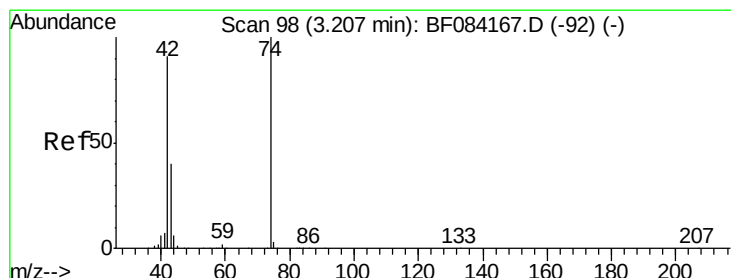
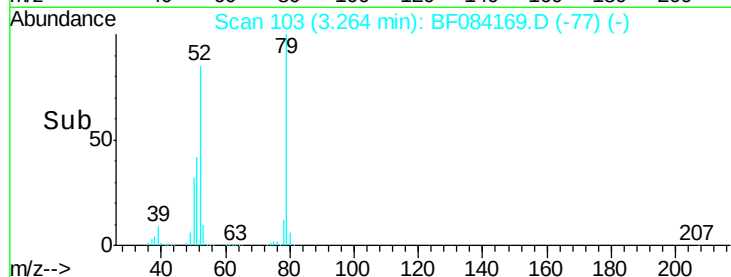
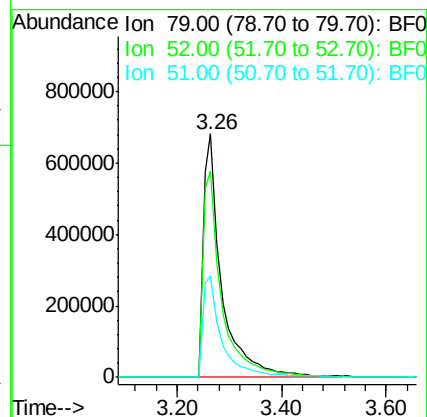
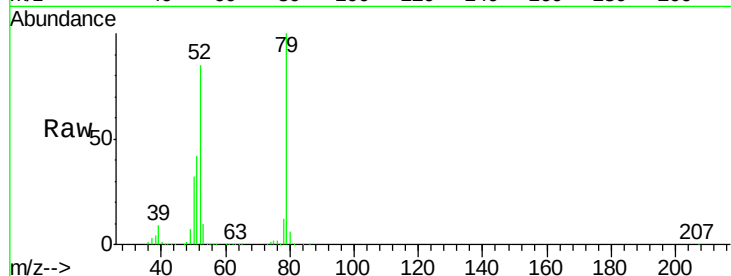
79 100

52 84.9 68.5 102.7

51 42.0 33.7 50.5

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 89.27 ng

RT: 3.22 min Scan# 99

Delta R.T. 0.01 min

Lab File: BF084169.D

Acq: 31 Dec 2015 1:49

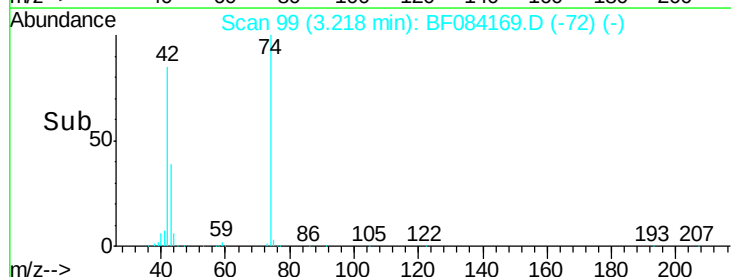
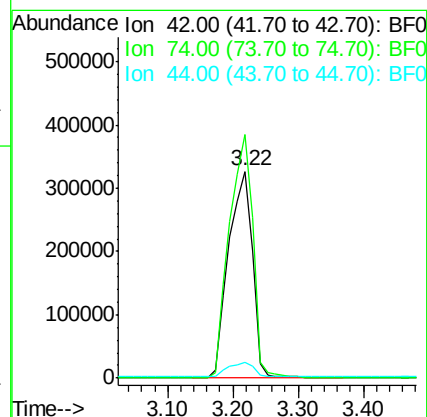
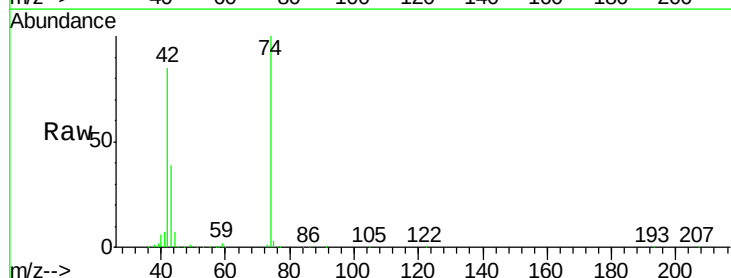
Tgt Ion: 42 Resp: 831253

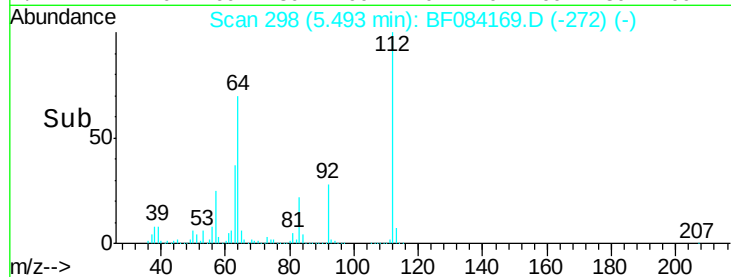
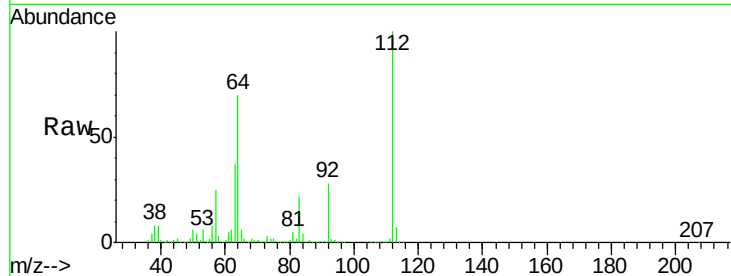
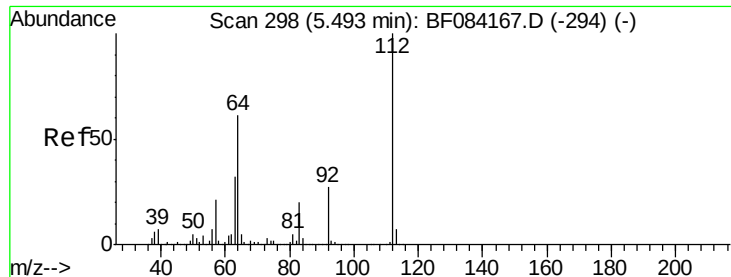
Ion Ratio Lower Upper

42 100

74 117.9 87.8 131.8

44 7.9 6.3 9.5





#5

2-Fluorophenol

Concen: 110.41 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.00 min

Lab File: BF084169.D

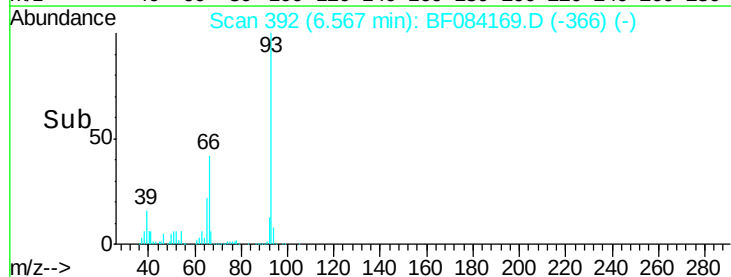
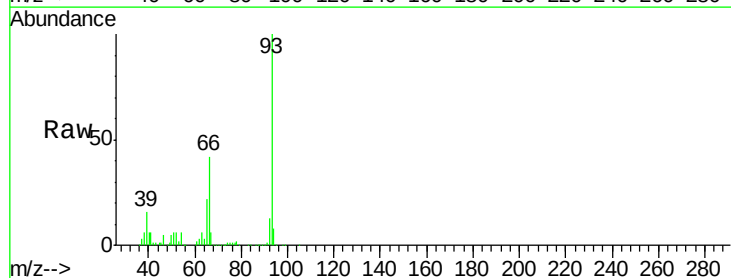
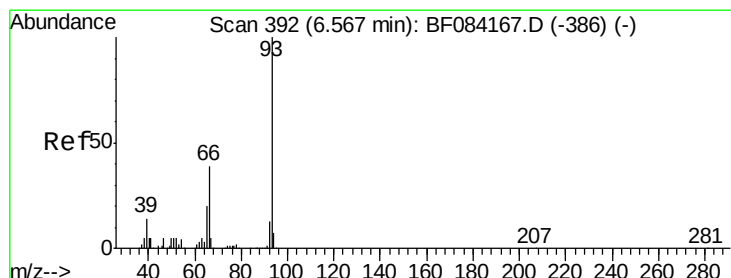
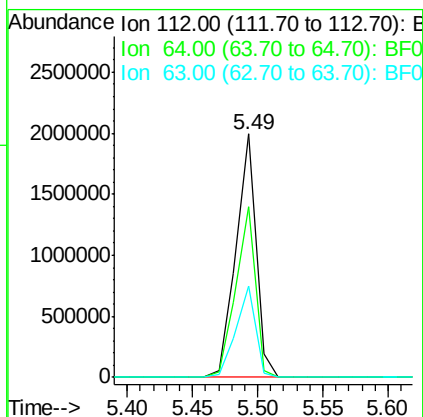
Acq: 31 Dec 2015 1:49

Tot Ion:	112	Resp:	2124481
Ion	Ratio	Lower	Upper
112	100		
64	70.1	48.7	73.1
63	37.3	25.9	38.9

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#6

Aniline

Concen: 70.97 ng

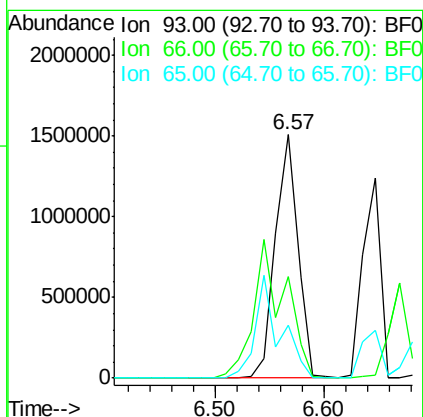
RT: 6.57 min Scan# 392

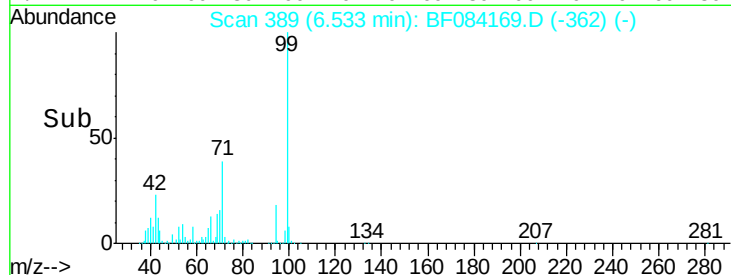
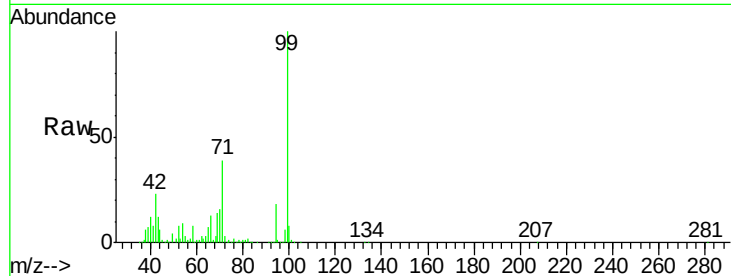
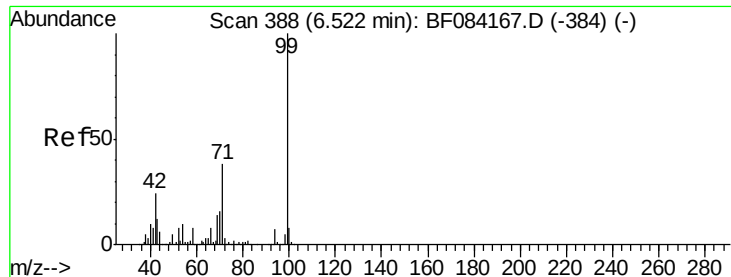
Delta R.T. 0.00 min

Lab File: BF084169.D

Acq: 31 Dec 2015 1:49

Tgt Ion:	93	Resp:	2186015
Ion	Ratio	Lower	Upper
93	100		
66	41.8	31.2	46.8
65	21.9	16.2	24.4





#7

Phenol-d6

Concen: 120.66 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.01 min

Lab File: BF084169.D

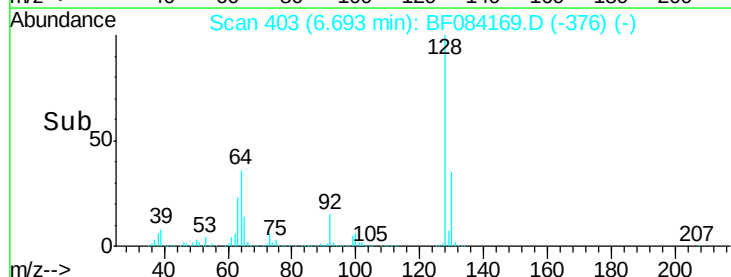
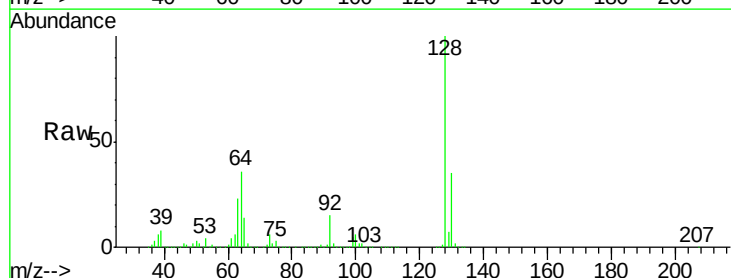
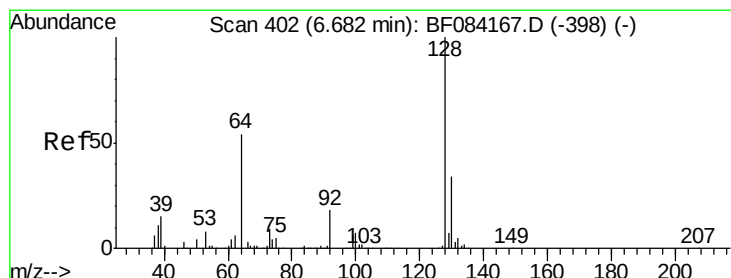
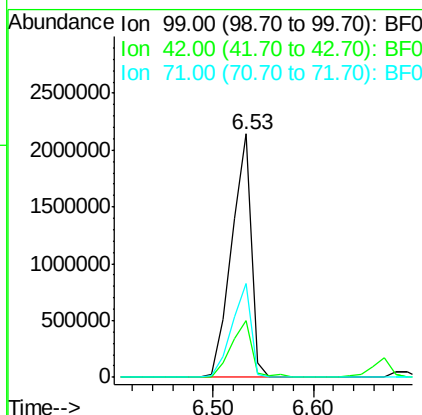
Acq: 31 Dec 2015 1:49

Tot Ion:	99	Resp:	2889034
Ion	Ratio	Lower	Upper
99	100		
42	23.2	19.2	28.8
71	38.6	30.4	45.6

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#8

2-Chlorophenol

Concen: 57.30 ng

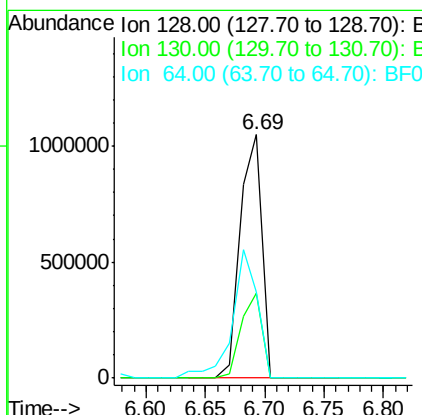
RT: 6.69 min Scan# 403

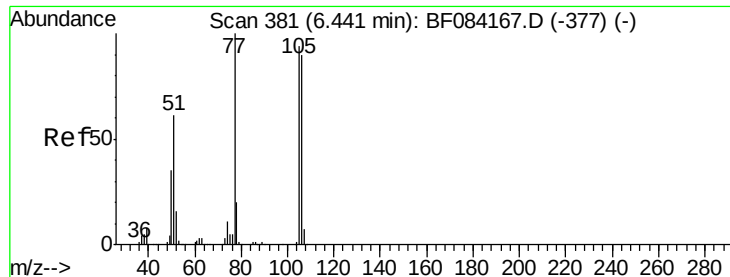
Delta R.T. 0.01 min

Lab File: BF084169.D

Acq: 31 Dec 2015 1:49

Tgt Ion:	128	Resp:	1336709
Ion	Ratio	Lower	Upper
128	100		
130	34.8	13.5	53.5
64	35.7	36.9	76.9#





#9

Benzaldehyde

Concen: 65.18 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.01 min

Lab File: BF084169.D

Acq: 31 Dec 2015 1:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion: 77 Resp: 849760

Ion Ratio Lower Upper

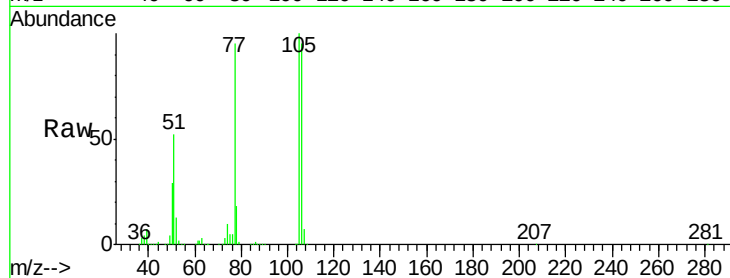
77 100

105 105.5 73.7 113.7

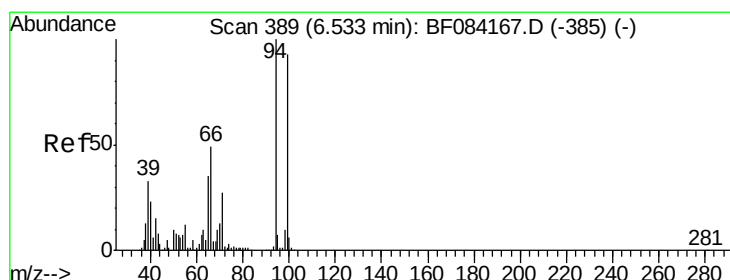
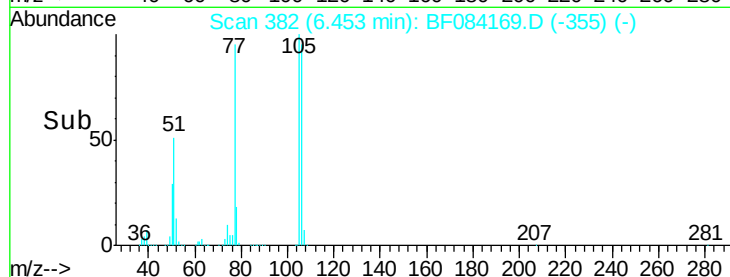
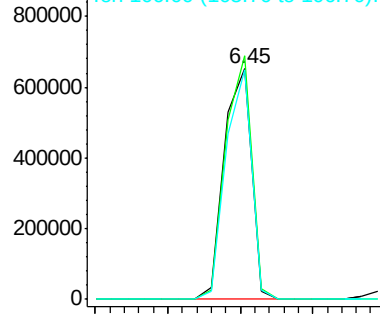
106 99.7 69.5 109.5

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Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 65.64 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF084169.D

Acq: 31 Dec 2015 1:49

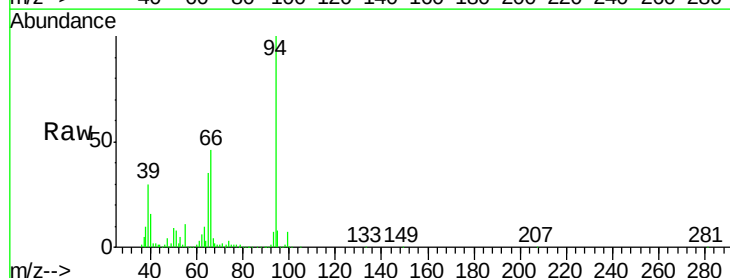
Tgt Ion: 94 Resp: 1786526

Ion Ratio Lower Upper

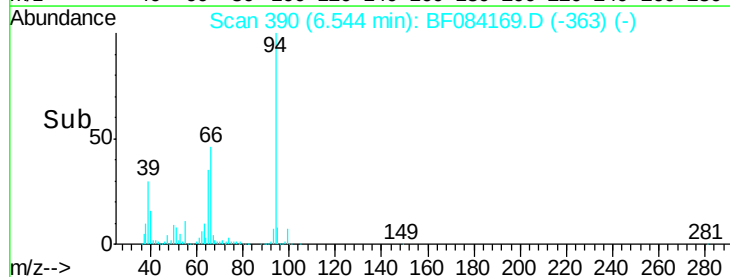
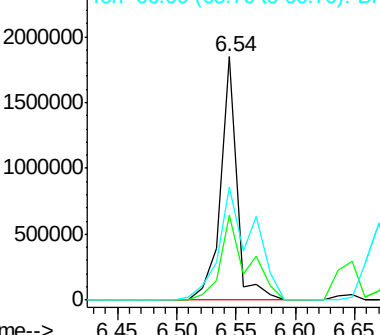
94 100

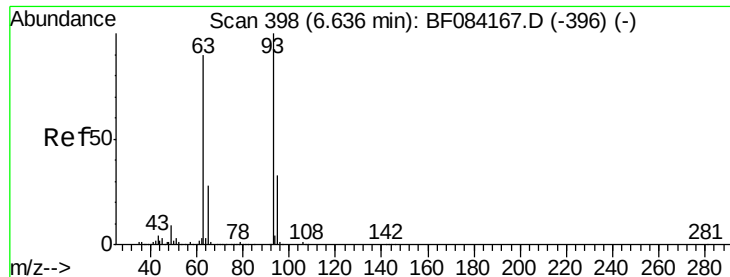
65 34.7 15.2 55.2

66 46.3 29.0 69.0



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





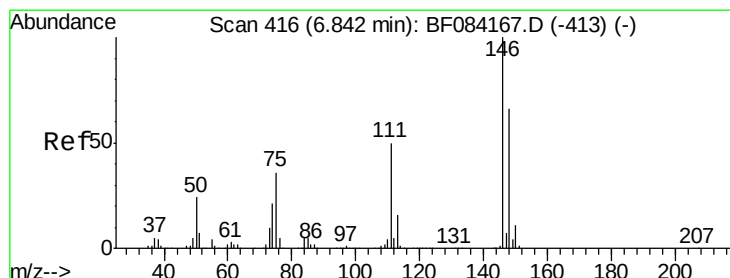
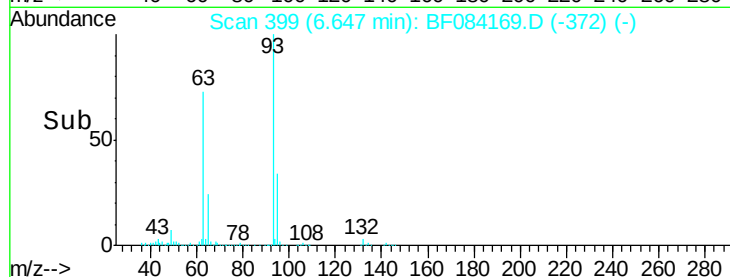
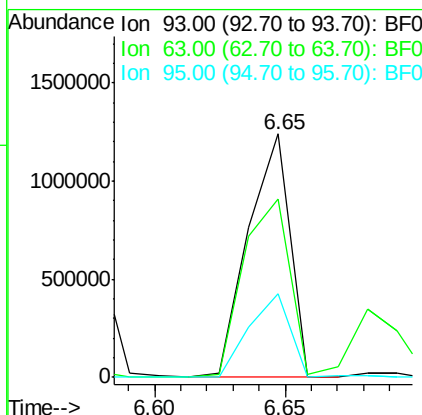
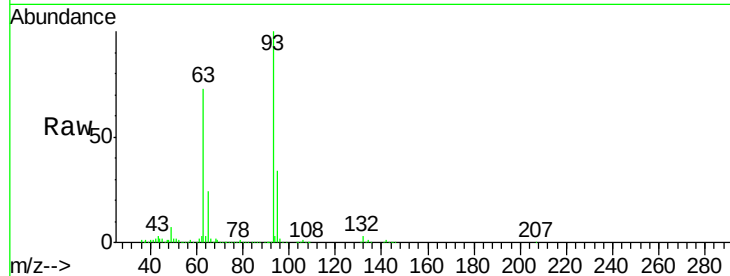
#11
bis(2-Chloroethyl)ether
Concen: 70.15 ng
RT: 6.65 min Scan# 399
Delta R.T. 0.01 min
Lab File: BF084169.D
Acq: 31 Dec 2015 1:49

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.2	69.5	109.5
95	34.1	13.5	53.5

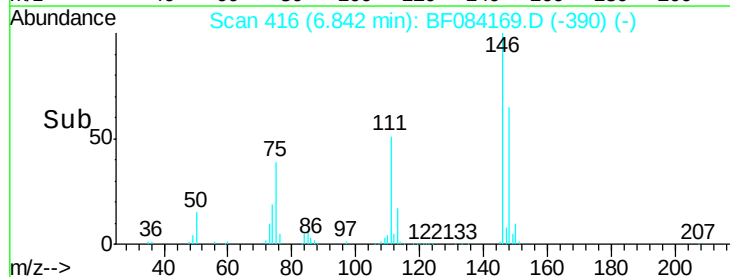
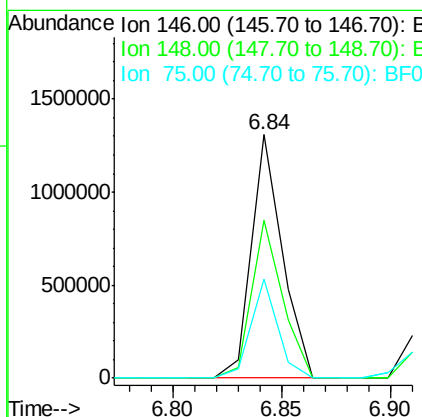
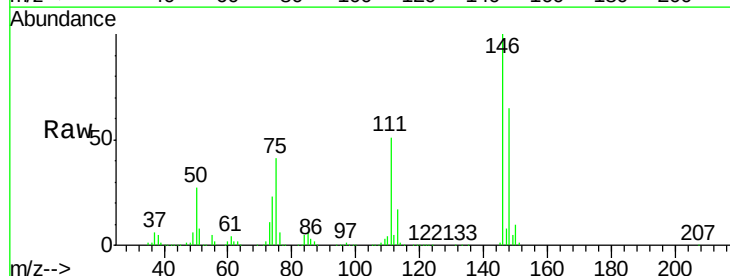
Manual Integrations
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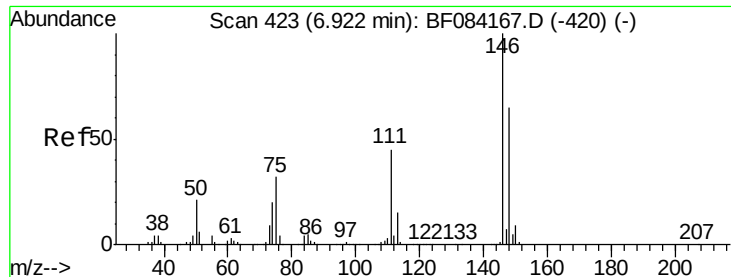
Sohil
12/31/2015 6:41:25 PM



#12
1,3-Dichlorobenzene
Concen: 50.99 ng
RT: 6.84 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF084169.D
Acq: 31 Dec 2015 1:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.6	79.0
75	40.5	29.2	43.8





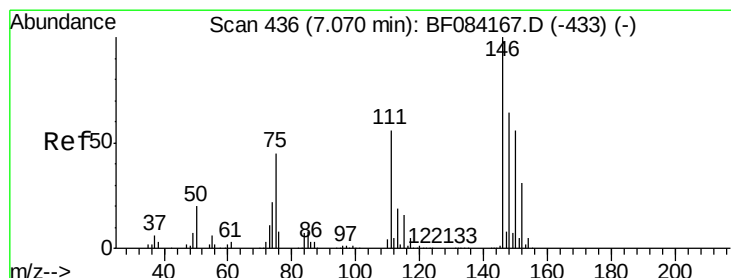
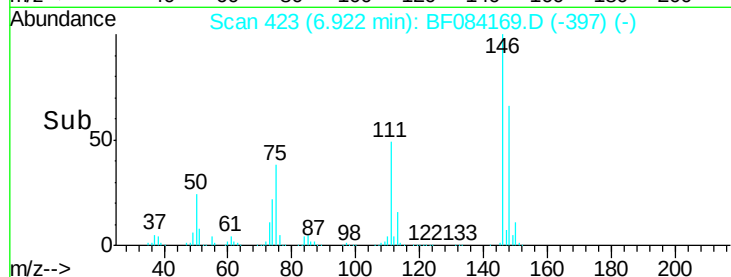
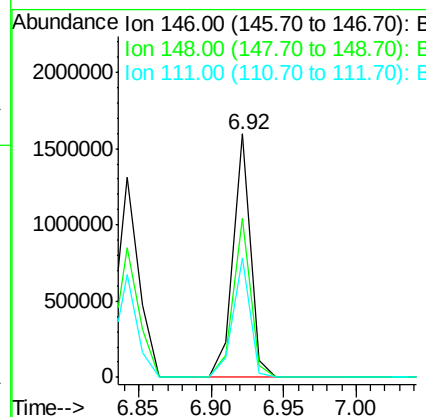
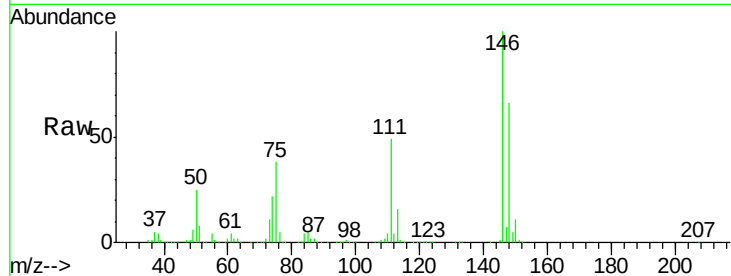
#13
1,4-Dichlorobenzene
Concen: 51.75 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF084169.D
Acq: 31 Dec 2015 1:49

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion:146 Resp: 1332054
Ion Ratio Lower Upper
146 100
148 65.6 52.2 78.2
111 49.1 36.2 54.2

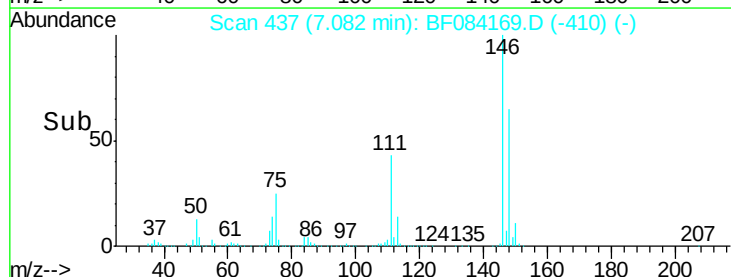
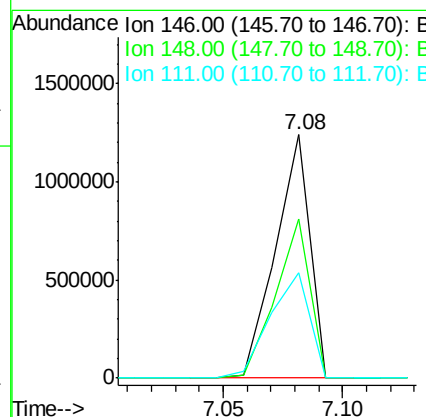
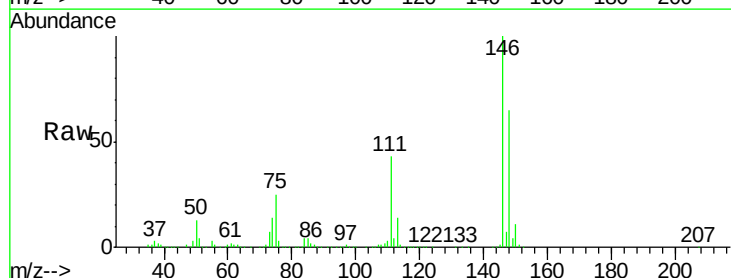
Manual Integrations
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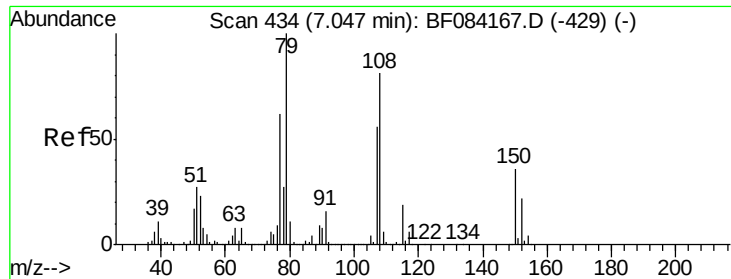
Sohil
12/31/2015 6:41:25 PM



#14
1,2-Dichlorobenzene
Concen: 53.14 ng m
RT: 7.08 min Scan# 437
Delta R.T. 0.01 min
Lab File: BF084169.D
Acq: 31 Dec 2015 1:49

Tgt Ion:146 Resp: 1252110
Ion Ratio Lower Upper
146 100
148 65.3 51.3 76.9
111 43.1 45.0 67.4#





#15

Benzyl Alcohol

Concen: 62.63 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF084169.D

Acq: 31 Dec 2015 1:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion: 79 Resp: 1165304

Ion Ratio Lower Upper

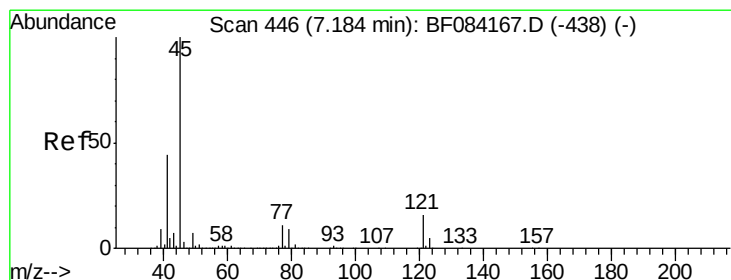
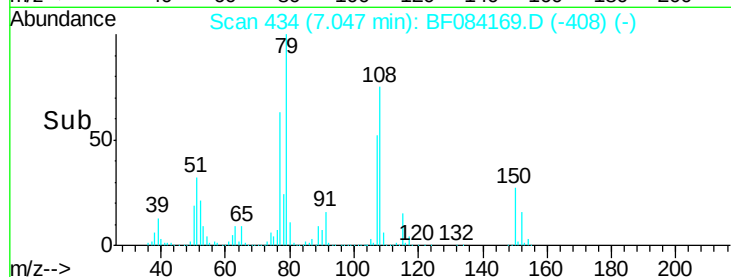
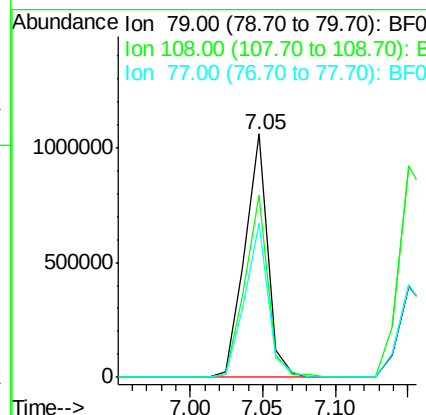
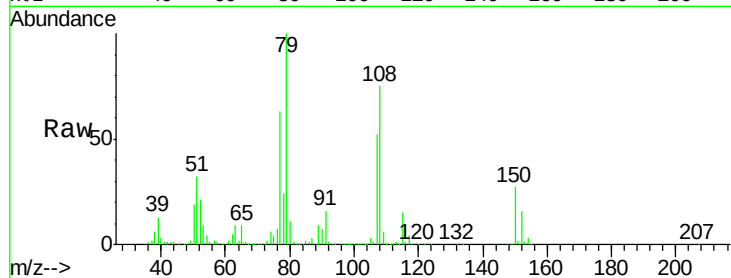
79 100

108 74.9 65.1 97.7

77 63.1 49.8 74.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 103.41 ng

RT: 7.18 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF084169.D

Acq: 31 Dec 2015 1:49

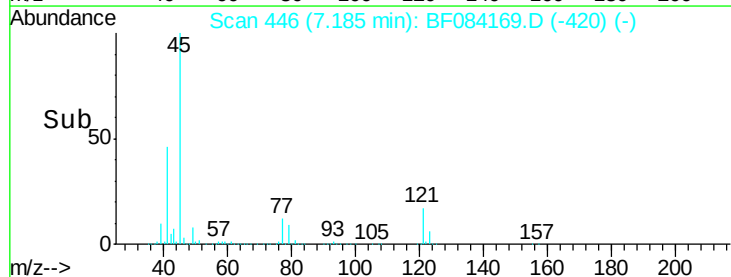
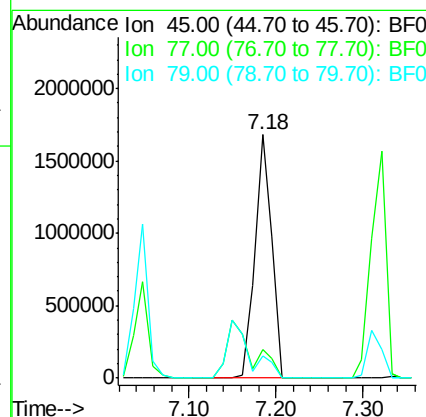
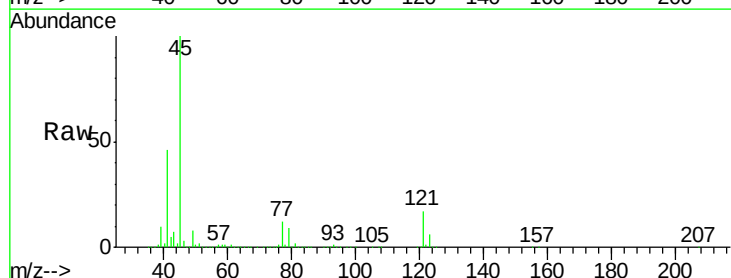
Tgt Ion: 45 Resp: 2277876

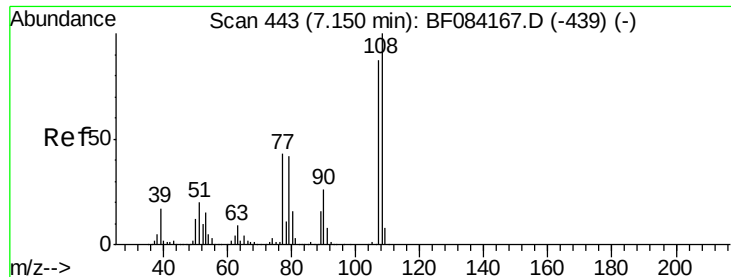
Ion Ratio Lower Upper

45 100

77 11.8 0.0 31.2

79 9.1 0.0 28.8





#17

2-Methylphenol

Concen: 62.80 ng

RT: 7.15 min Scan# 443

Delta R.T. 0.00 min

Lab File: BF084169.D

Acq: 31 Dec 2015 1:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:107 Resp: 1153774

Ion	Ratio	Lower	Upper
107	100		
108	115.3	92.2	138.2
77	50.3	39.6	59.4
79	49.6	38.9	58.3

107 100

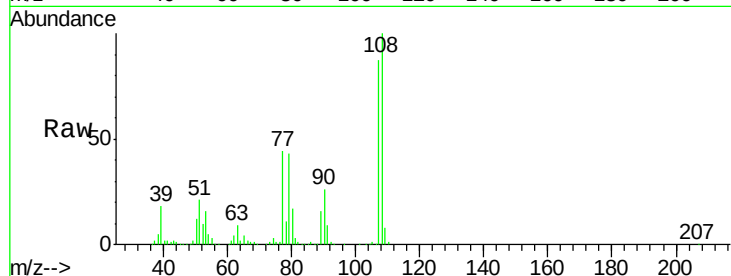
108 115.3 92.2 138.2

77 50.3 39.6 59.4

79 49.6 38.9 58.3

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Abundance

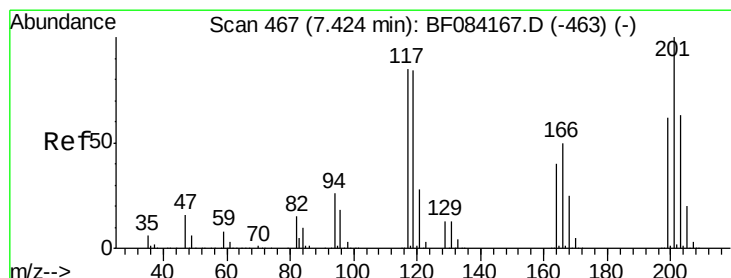
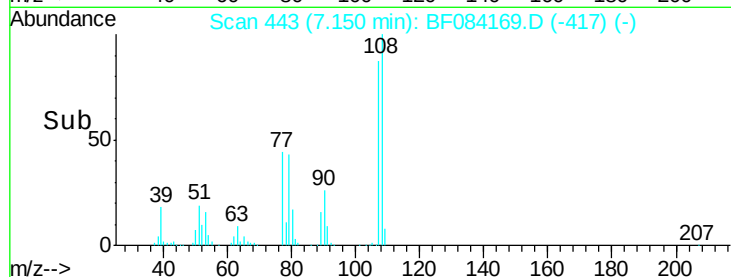
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->



#18

Hexachloroethane

Concen: 60.47 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.00 min

Lab File: BF084169.D

Acq: 31 Dec 2015 1:49

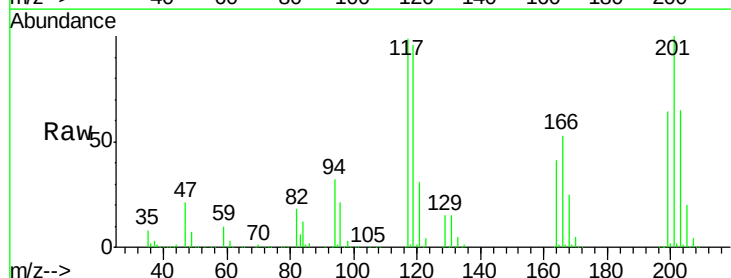
Tgt Ion:117 Resp: 571650

Ion	Ratio	Lower	Upper
117	100		
119	97.7	79.2	118.8
201	101.5	93.9	140.9

117 100

119 97.7 79.2 118.8

201 101.5 93.9 140.9



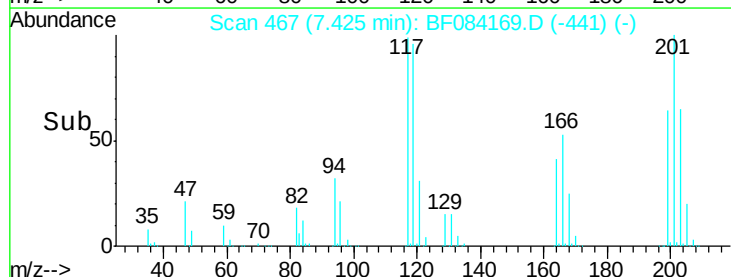
Abundance

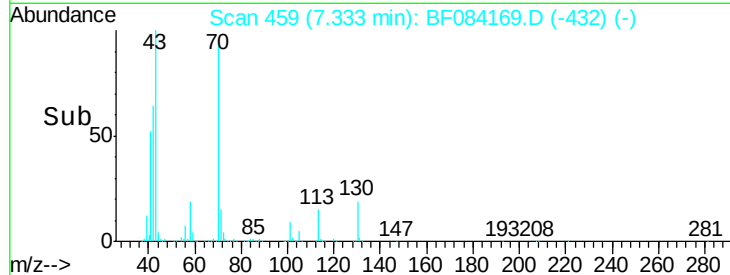
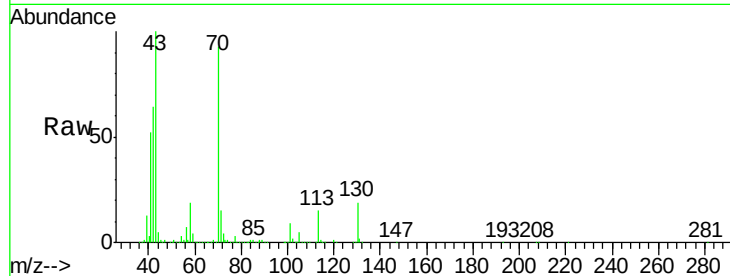
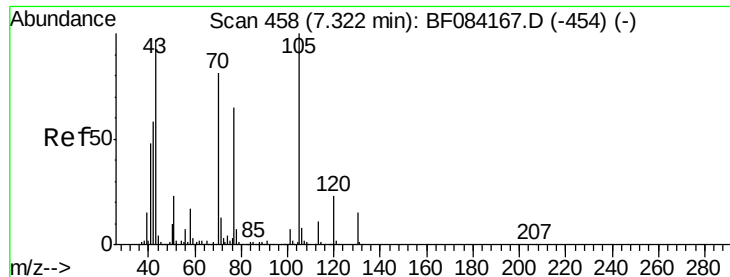
Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->





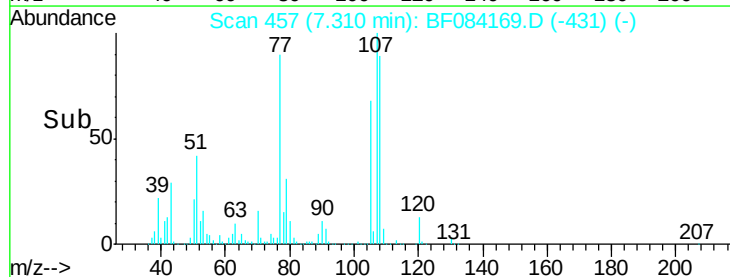
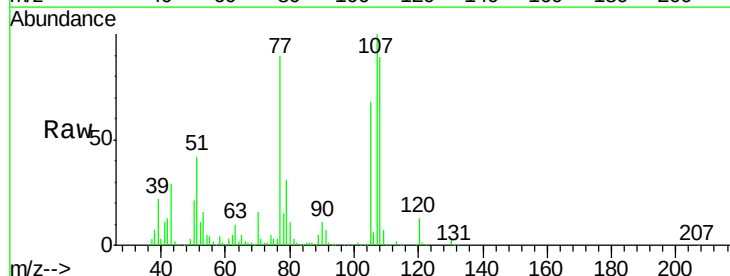
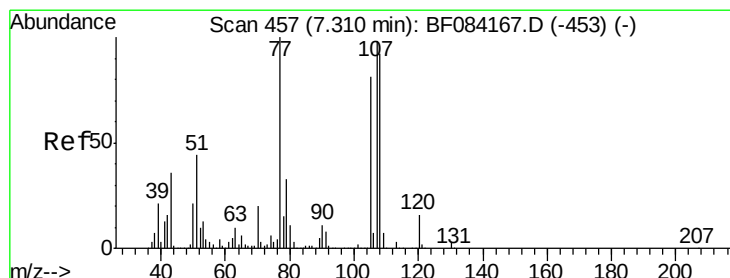
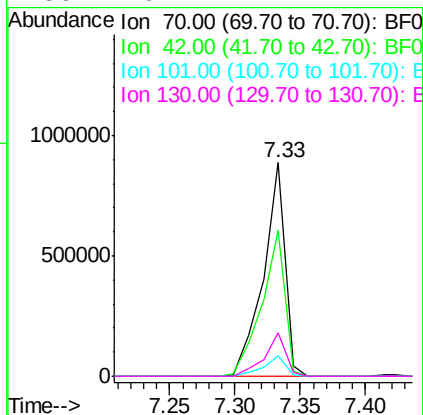
#19
n-Nitroso-di-n-propylamine
Concen: 69.76 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.01 min
Lab File: BF084169.D
Acq: 31 Dec 2015 1:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	68.6	57.4	86.0	
101	9.7	7.3	10.9	
130	20.2	14.7	22.1	

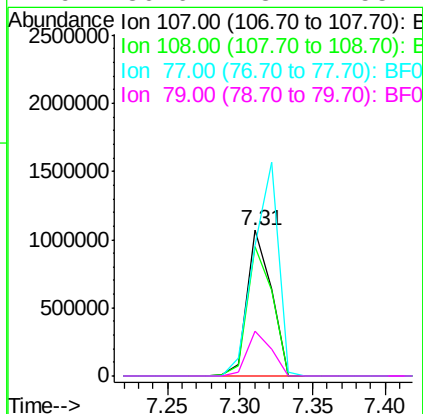
Manual Integrations
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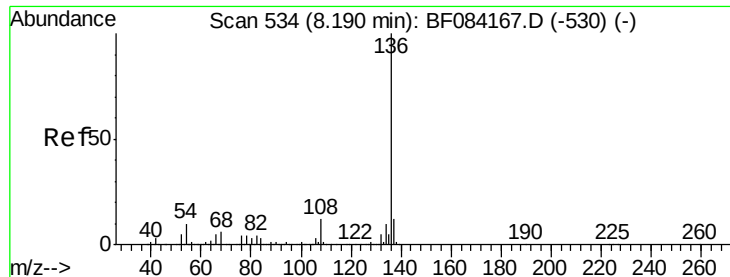
Sohil
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#20
3+4-Methylphenols
Concen: 53.16 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF084169.D
Acq: 31 Dec 2015 1:49

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.8	74.5	114.5	
77	90.1	82.4	122.4	
79	30.6	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: BF084169.D

Acq: 31 Dec 2015 1:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:136 Resp: 1323284

Ion Ratio Lower Upper

136 100

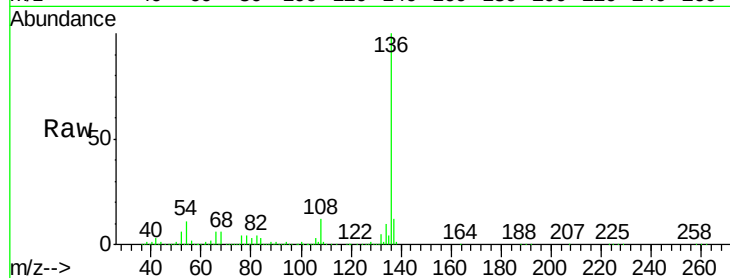
137 11.8 9.4 14.0

54 10.6 7.6 11.4

68 5.8 4.6 6.8

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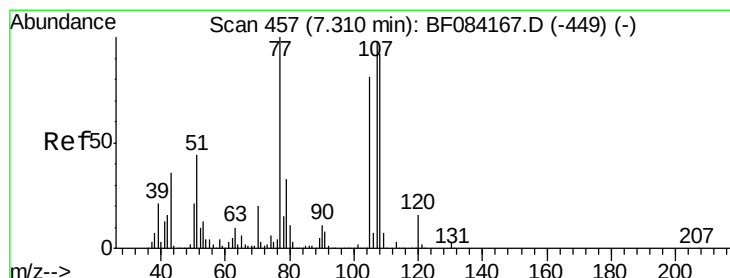
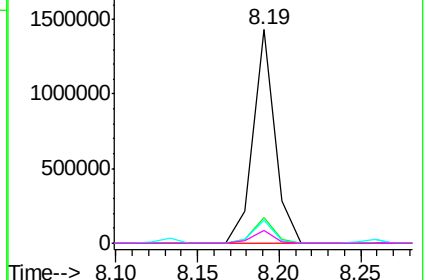
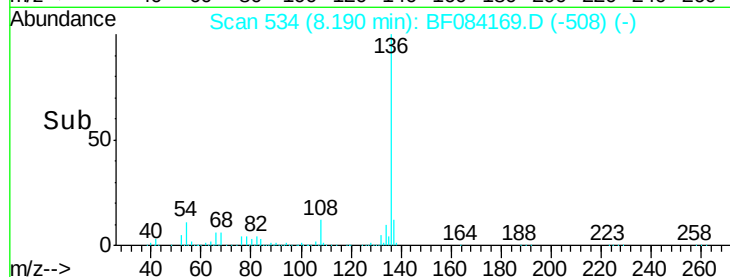


Abundance Ion 136.00 (135.70 to 136.70): E

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: 55.26 ng

RT: 7.32 min Scan# 458

Delta R.T. 0.01 min

Lab File: BF084169.D

Acq: 31 Dec 2015 1:49

Tgt Ion:105 Resp: 1813051

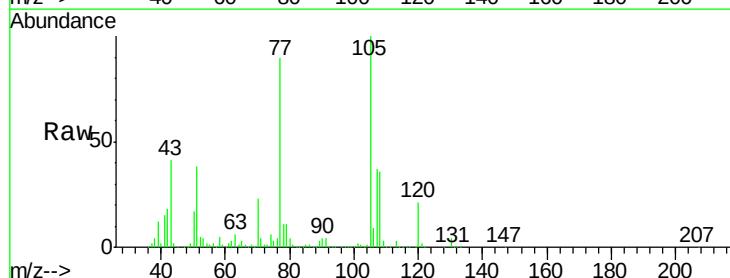
Ion Ratio Lower Upper

105 100

71 4.0 3.2 4.8

51 37.6 43.2 64.8#

120 21.4 16.0 24.0

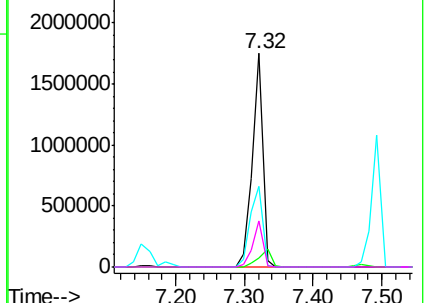
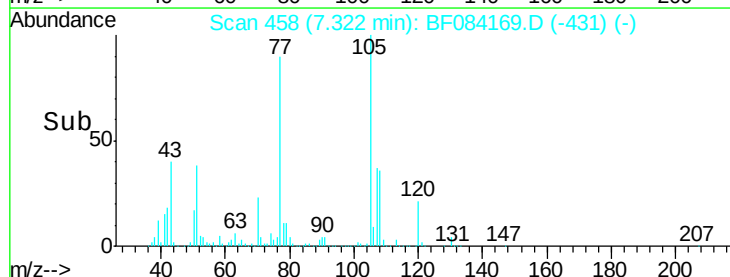


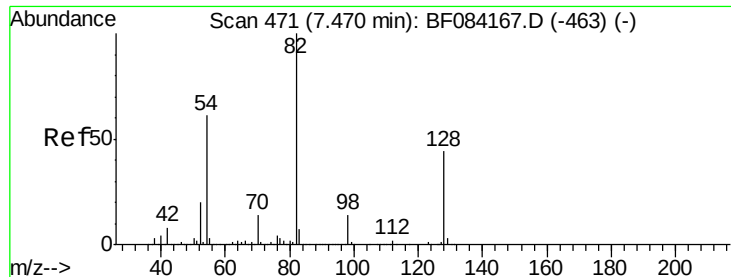
Abundance Ion 105.00 (104.70 to 105.70): E

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





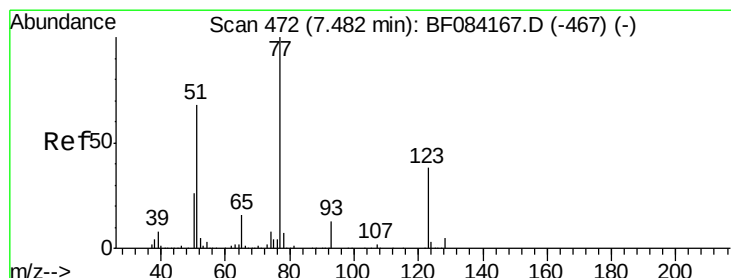
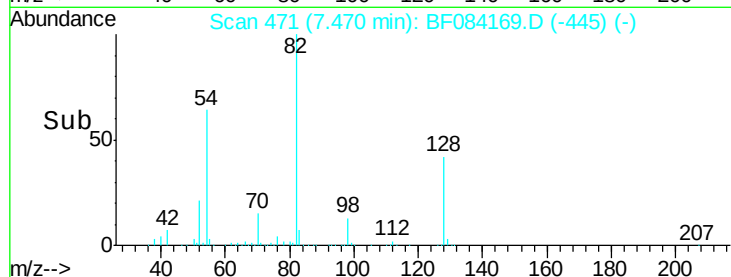
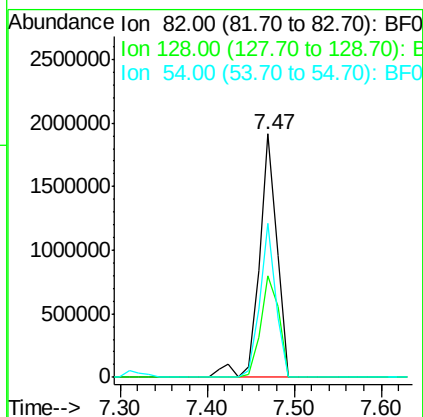
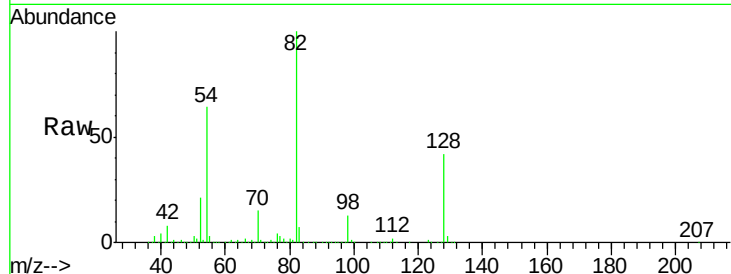
#23
 Nitrobenzene-d5
 Concen: 118.34 ng
 RT: 7.47 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF084169.D
 Acq: 31 Dec 2015 1:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.6	35.0	52.4
54	63.5	48.5	72.7

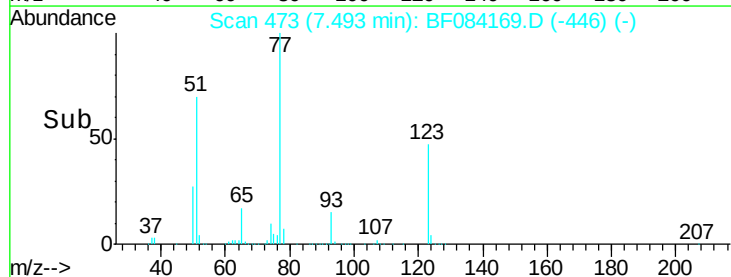
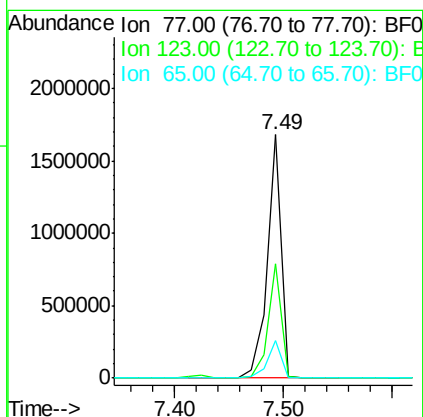
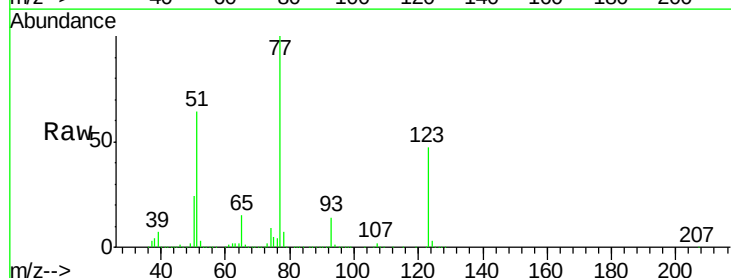
Manual Integrations
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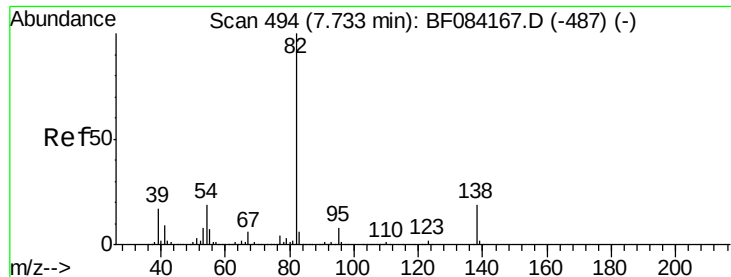
Sohil
 12/31/2015 6:41:25 PM



#24
 Nitrobenzene
 Concen: 63.10 ng
 RT: 7.49 min Scan# 473
 Delta R.T. 0.01 min
 Lab File: BF084169.D
 Acq: 31 Dec 2015 1:49

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.9	31.3	46.9
65	15.5	12.6	19.0





#25

Isophorone

Concen: 62.53 ng

RT: 7.73 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF084169.D

Acq: 31 Dec 2015 1:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion: 82 Resp: 2658571

Ion Ratio Lower Upper

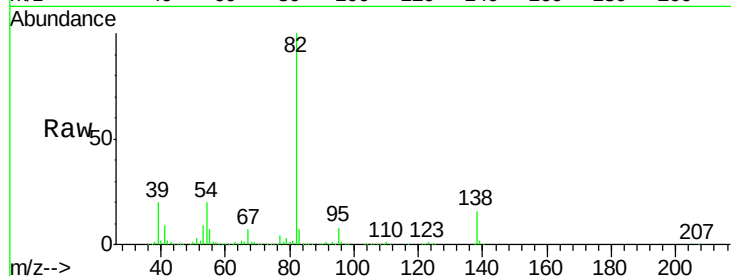
82 100

95 7.7 6.5 9.7

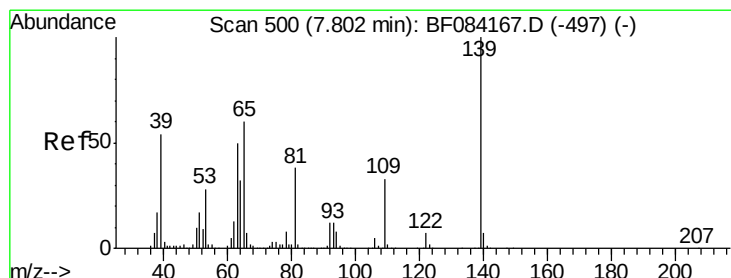
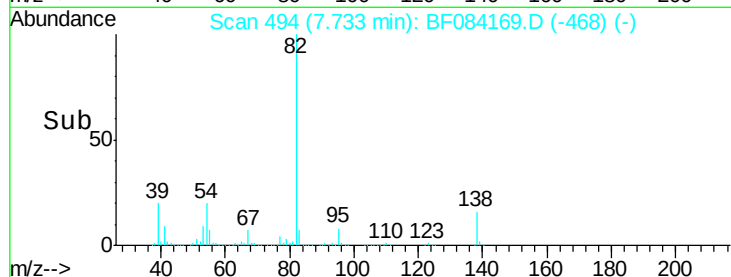
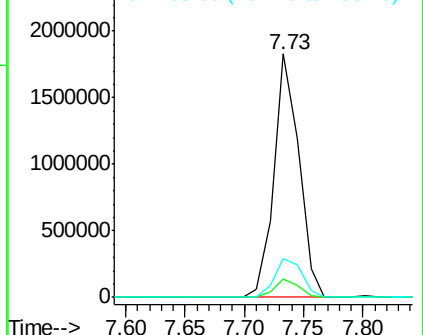
138 16.1 15.1 22.7

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



#26

2-Nitrophenol

Concen: 51.61 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF084169.D

Acq: 31 Dec 2015 1:49

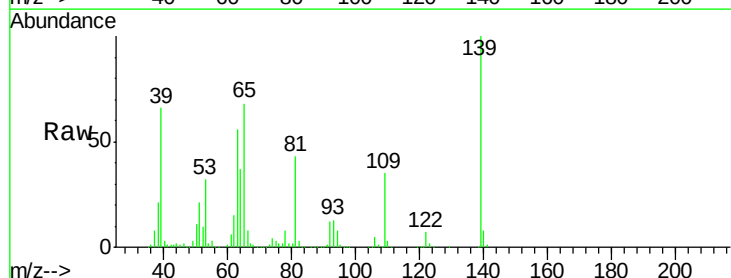
Tgt Ion: 139 Resp: 621127

Ion Ratio Lower Upper

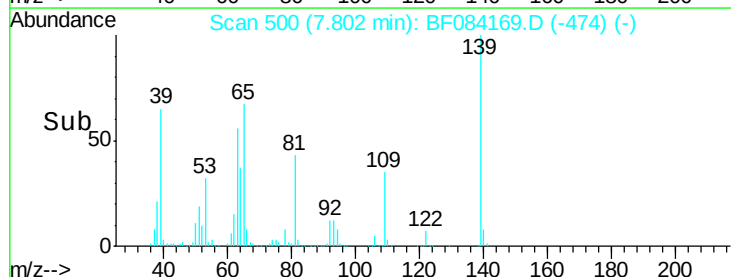
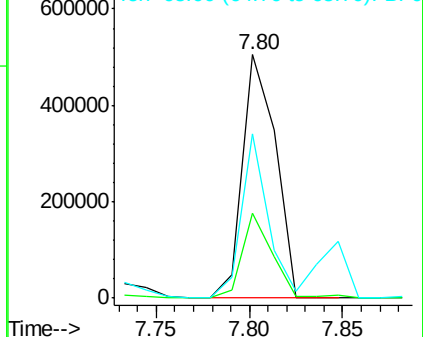
139 100

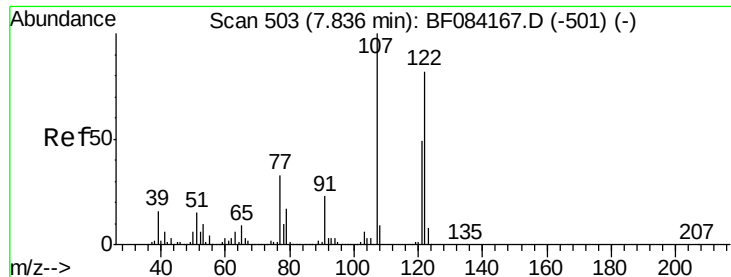
109 34.6 26.2 39.4

65 67.6 48.2 72.4



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





#27

2,4-Dimethylphenol

Concen: 68.55 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.01 min

Lab File: BF084169.D

Acq: 31 Dec 2015 1:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:122 Resp: 1379540

Ion Ratio Lower Upper

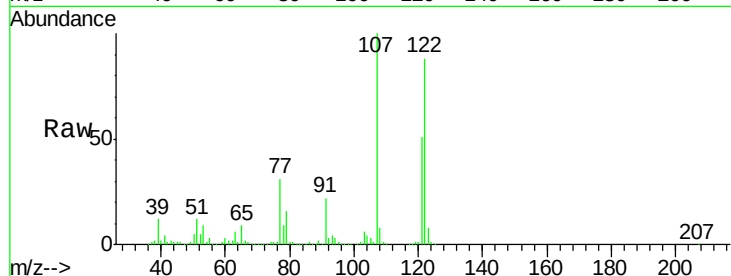
122 100

107 113.7 96.8 145.2

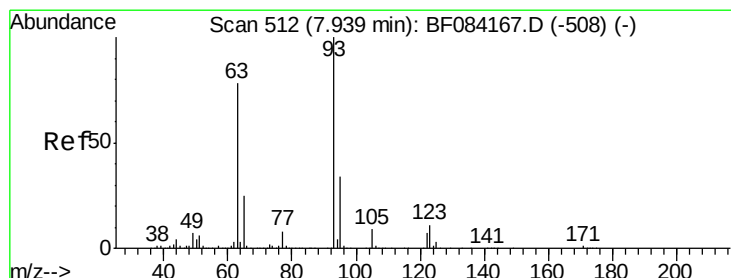
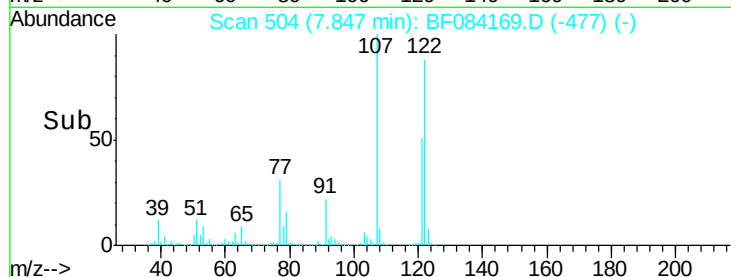
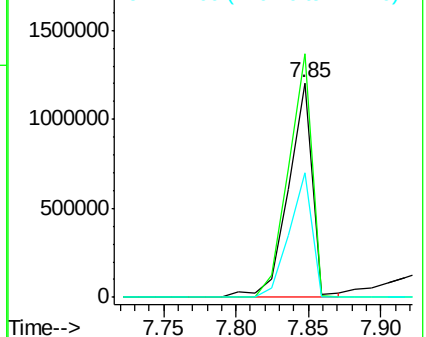
121 58.2 47.0 70.6

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 66.73 ng

RT: 7.95 min Scan# 513

Delta R.T. 0.01 min

Lab File: BF084169.D

Acq: 31 Dec 2015 1:49

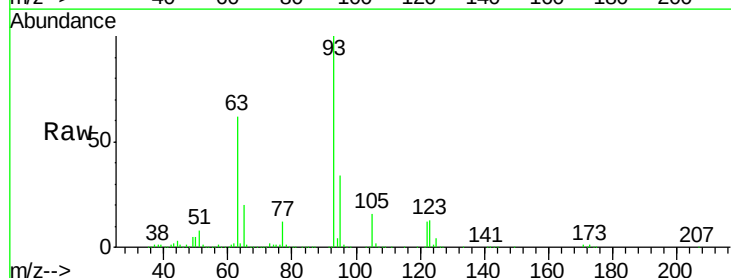
Tgt Ion: 93 Resp: 1663051

Ion Ratio Lower Upper

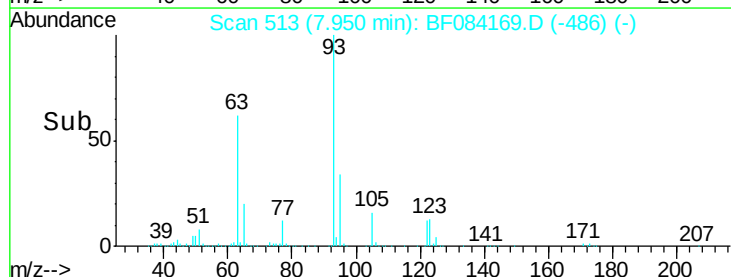
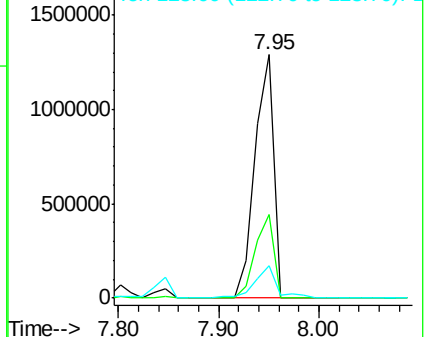
93 100

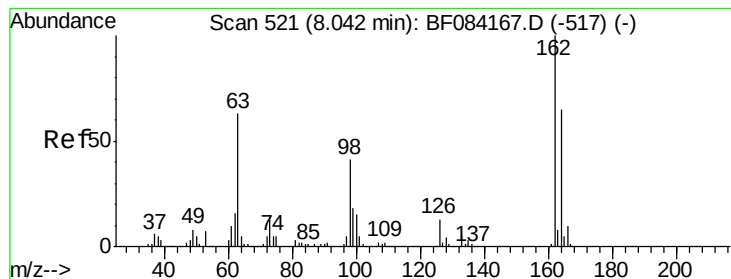
95 34.2 27.1 40.7

123 13.1 8.8 13.2



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 54.12 ng

RT: 8.04 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF084169.D

Acq: 31 Dec 2015 1:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:162 Resp: 1031784

Ion Ratio Lower Upper

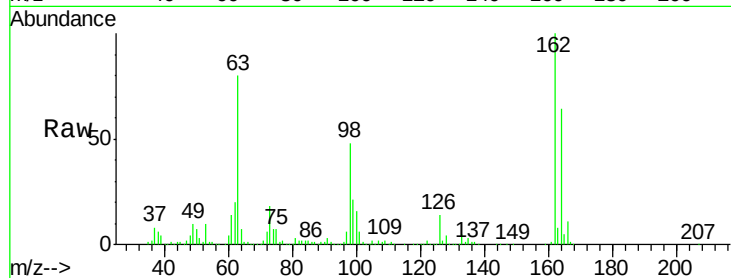
162 100

164 64.2 45.2 85.2

98 48.1 21.4 61.4

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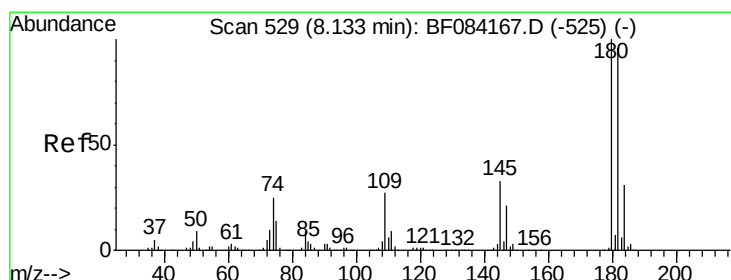
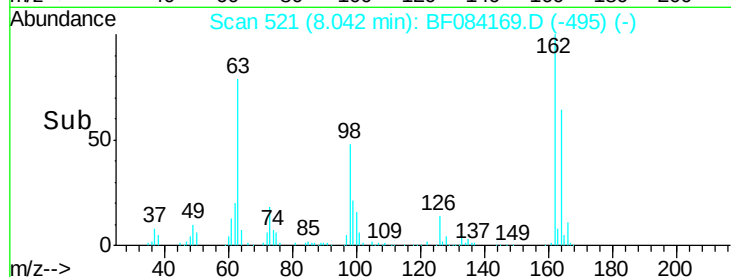
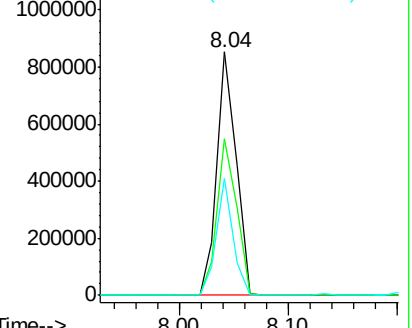
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 53.89 ng

RT: 8.13 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF084169.D

Acq: 31 Dec 2015 1:49

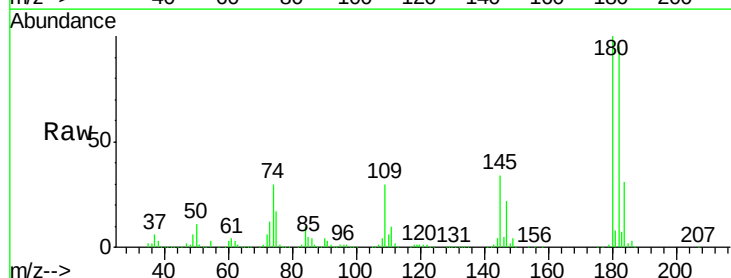
Tgt Ion:180 Resp: 1111291

Ion Ratio Lower Upper

180 100

182 95.2 76.6 114.8

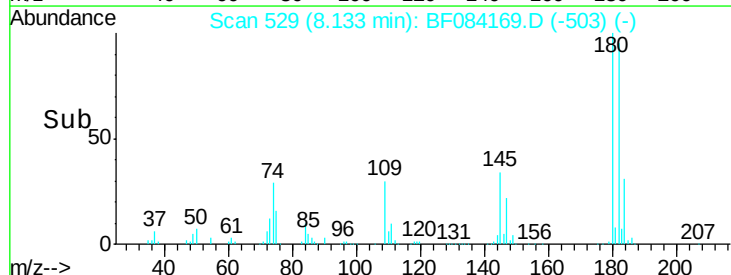
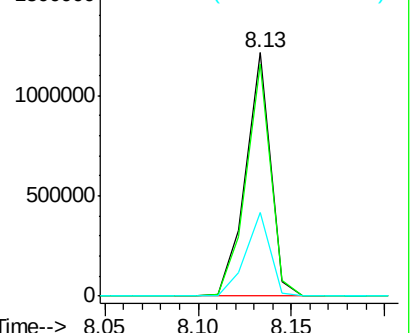
145 34.4 26.2 39.4

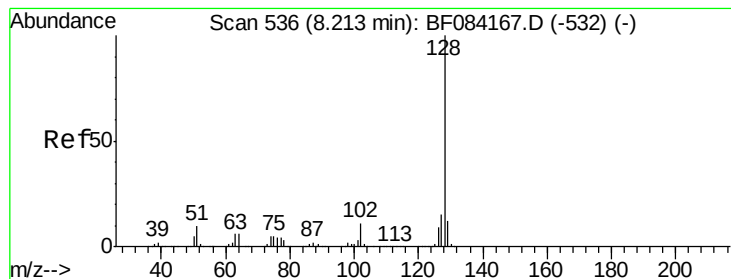


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 45.67 ng

RT: 8.21 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF084169.D

Acq: 31 Dec 2015 1:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:128 Resp: 3160271

Ion Ratio Lower Upper

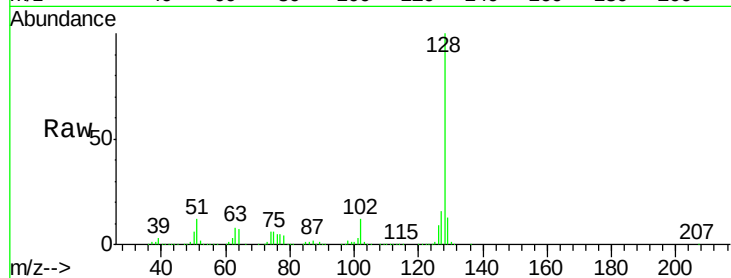
128 100

129 13.3 10.0 15.0

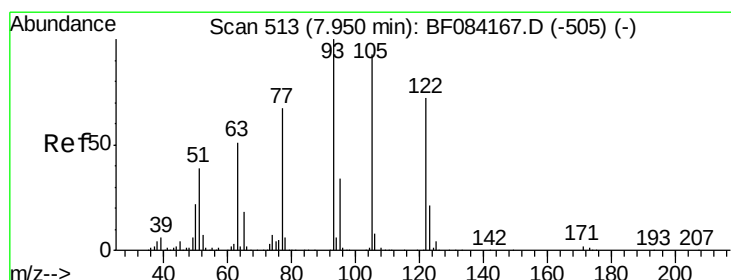
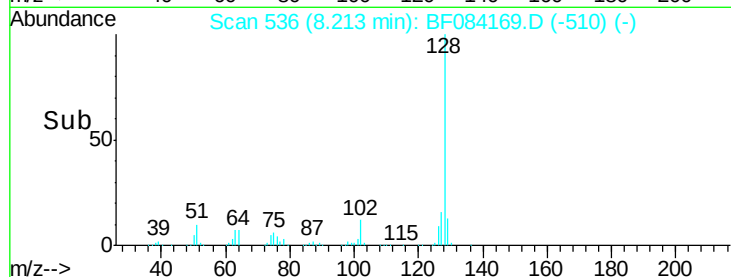
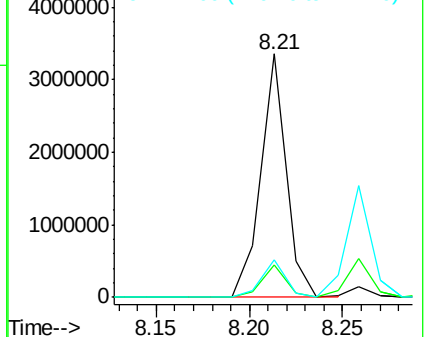
127 15.7 12.0 18.0

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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: 97.08 ng m

RT: 7.97 min Scan# 515

Delta R.T. 0.02 min

Lab File: BF084169.D

Acq: 31 Dec 2015 1:49

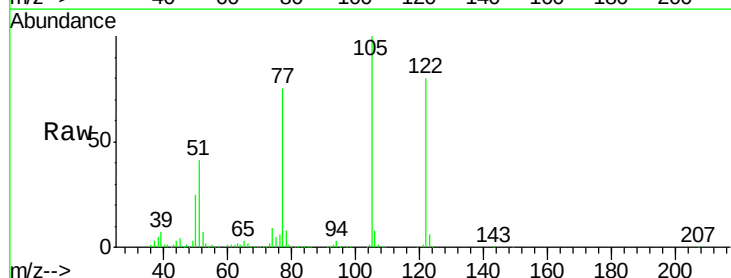
Tgt Ion:122 Resp: 1055911

Ion Ratio Lower Upper

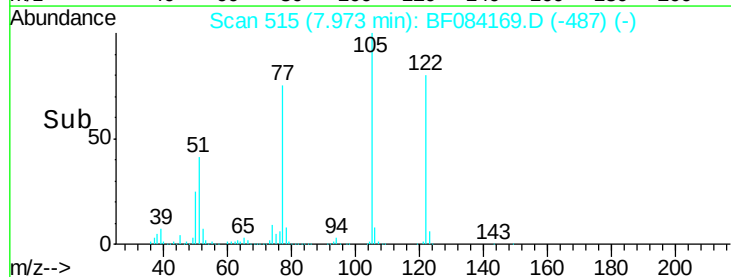
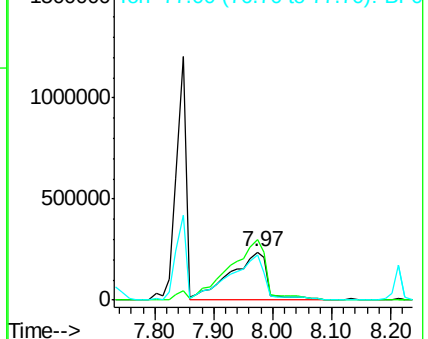
122 100

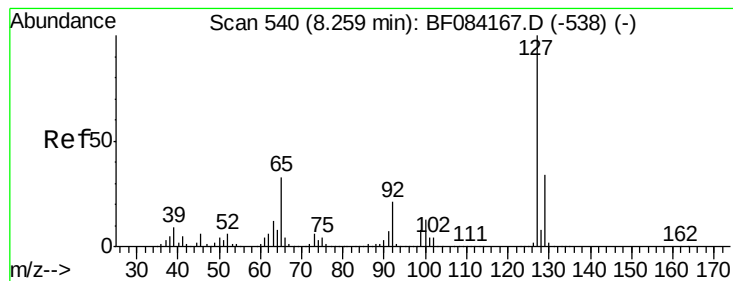
105 125.1 108.6 148.6

77 94.3 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: 50.85 ng

RT: 8.26 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF084169.D

Acq: 31 Dec 2015 1:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:127 Resp: 1445989

Ion Ratio Lower Upper

127 100

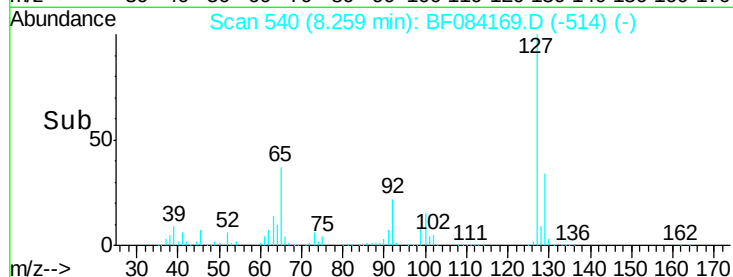
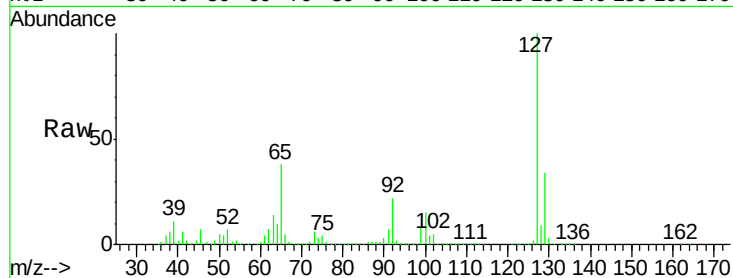
129 34.1 27.0 40.6

65 38.0 26.6 40.0

92 22.3 16.5 24.7

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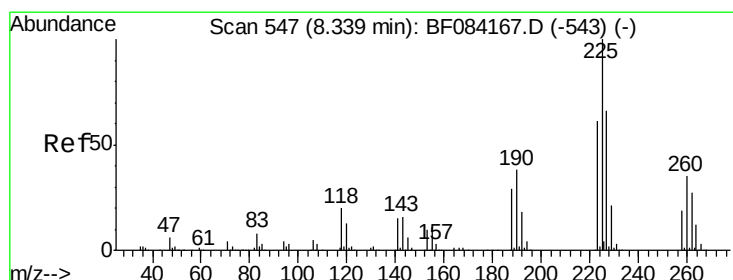
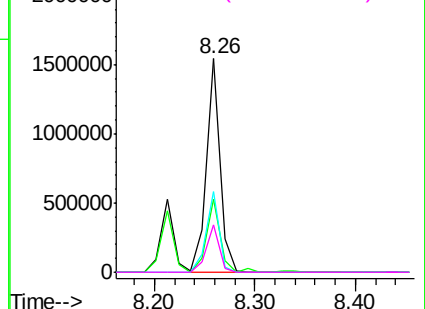


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 55.67 ng

RT: 8.34 min Scan# 547

Delta R.T. 0.00 min

Lab File: BF084169.D

Acq: 31 Dec 2015 1:49

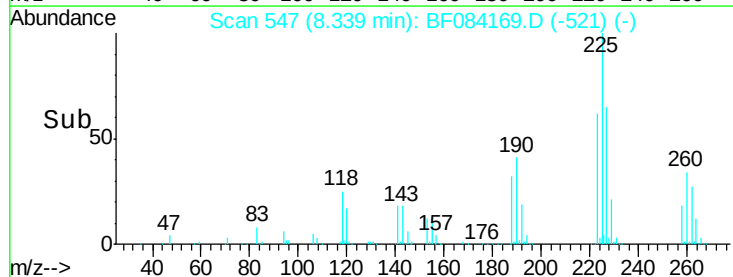
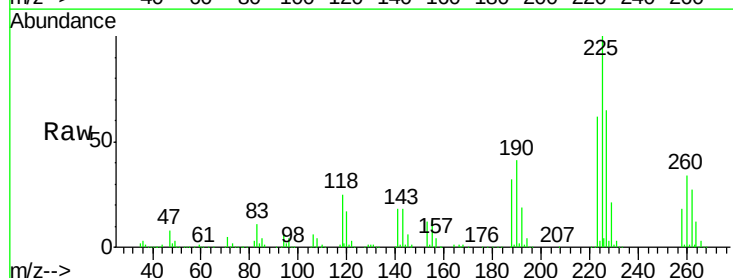
Tgt Ion:225 Resp: 660431

Ion Ratio Lower Upper

225 100

223 61.9 49.0 73.6

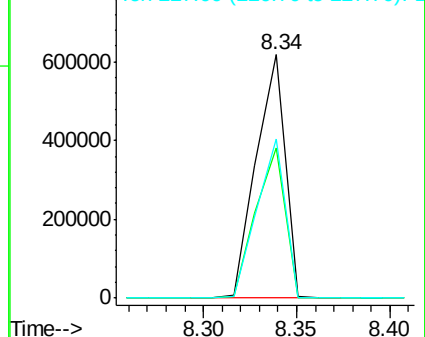
227 65.4 53.0 79.4

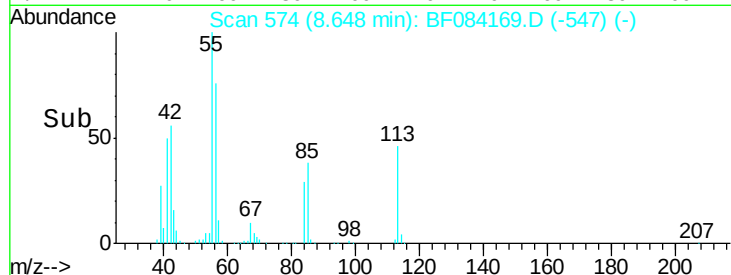
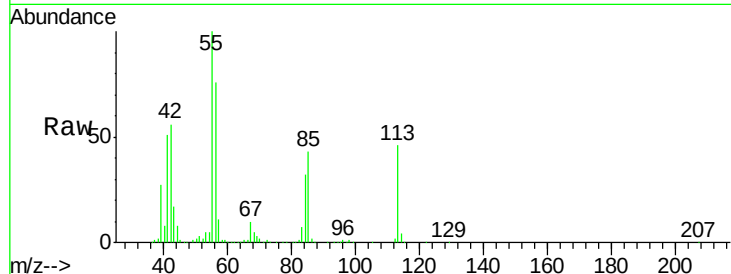
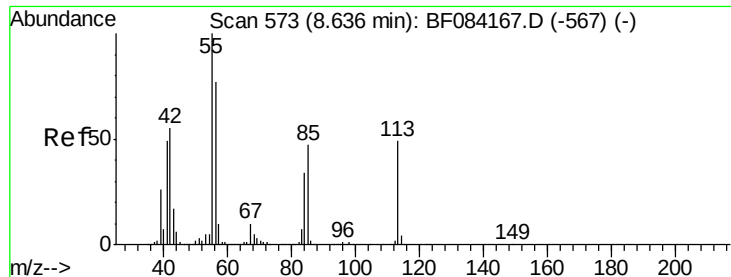


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





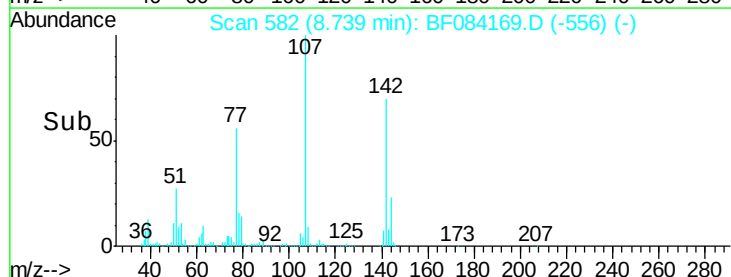
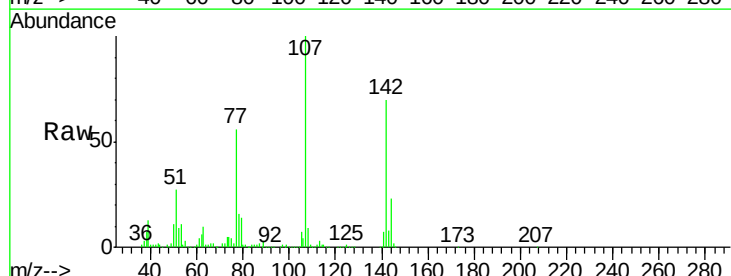
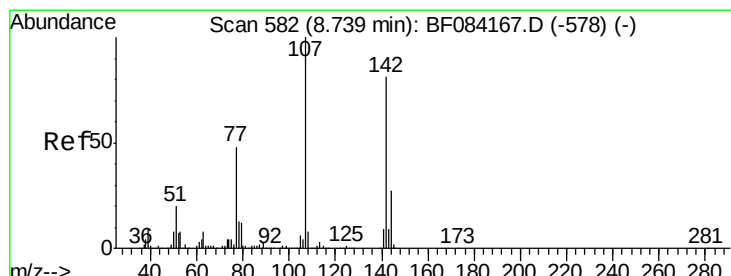
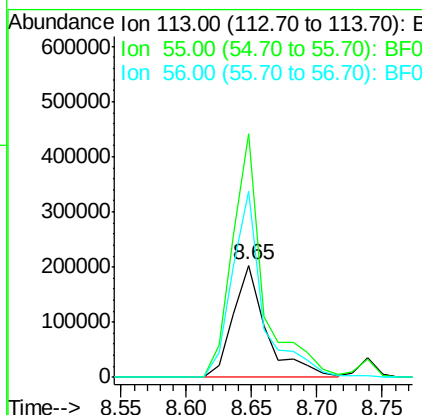
#35
 Caprolactam
 Concen: 66.65 ng
 RT: 8.65 min Scan# 574
 Delta R.T. 0.01 min
 Lab File: BF084169.D
 Acq: 31 Dec 2015 1:49

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	217.4	186.0	226.0	
56	165.9	138.7	178.7	

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

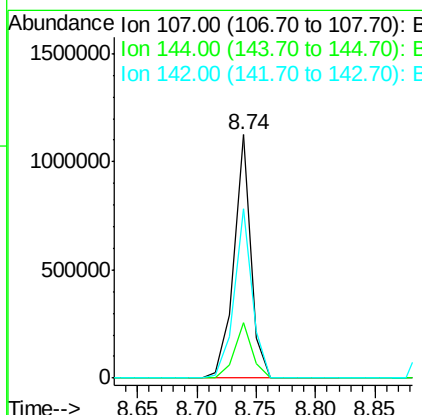
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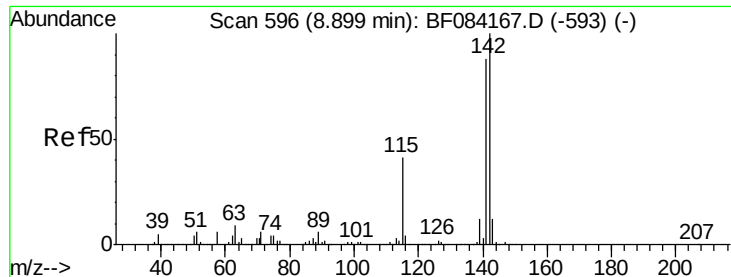
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#36
 4-Chloro-3-methylphenol
 Concen: 52.59 ng
 RT: 8.74 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: BF084169.D
 Acq: 31 Dec 2015 1:49

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	22.8	21.4	32.2	
142	69.8	65.0	97.4	





#37

2-Methylnaphthalene

Concen: 55.05 ng

RT: 8.91 min Scan# 597

Delta R.T. 0.01 min

Lab File: BF084169.D

Acq: 31 Dec 2015 1:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:142 Resp: 2423782

Ion Ratio Lower Upper

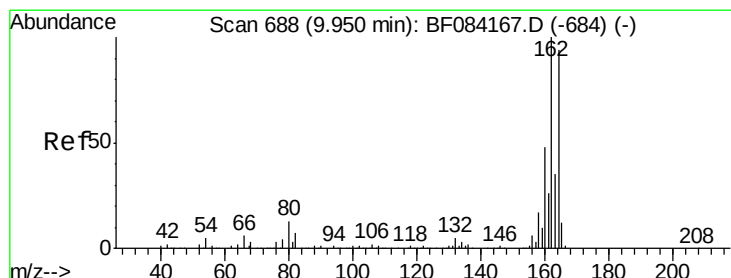
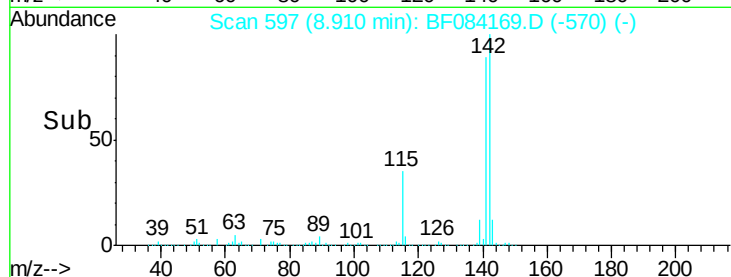
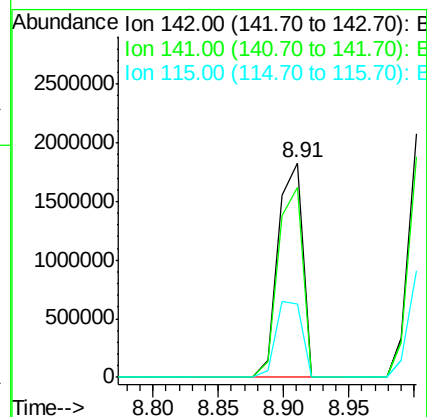
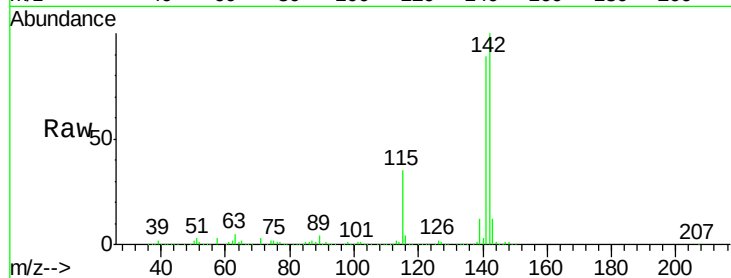
142 100

141 88.7 70.7 106.1

115 34.5 33.2 49.8

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#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.95 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF084169.D

Acq: 31 Dec 2015 1:49

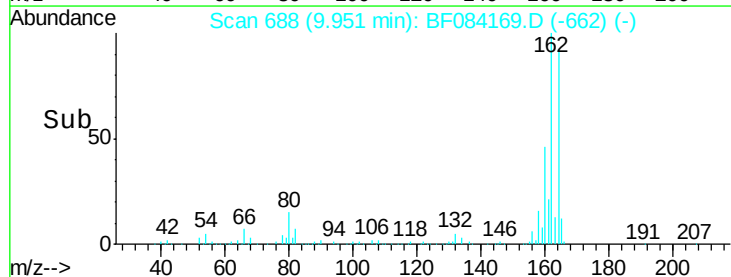
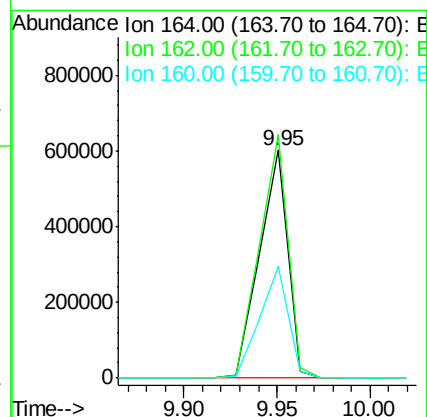
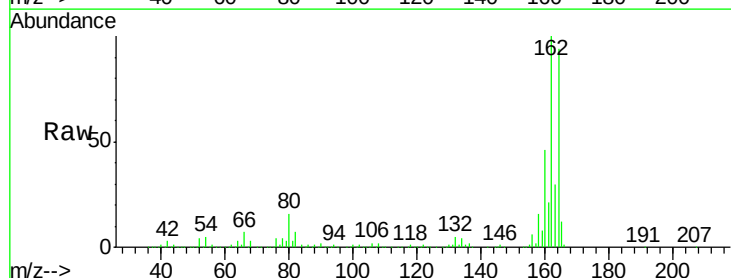
Tgt Ion:164 Resp: 625721

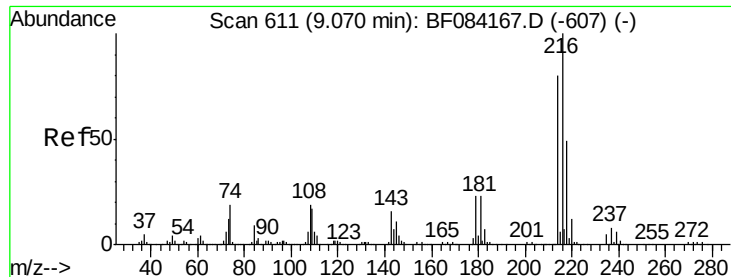
Ion Ratio Lower Upper

164 100

162 106.9 84.8 127.2

160 48.8 40.4 60.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.40 ng

RT: 9.07 min Scan# 611

Delta R.T. 0.00 min

Lab File: BF084169.D

Acq: 31 Dec 2015 1:49

Instrument :

BNA_F

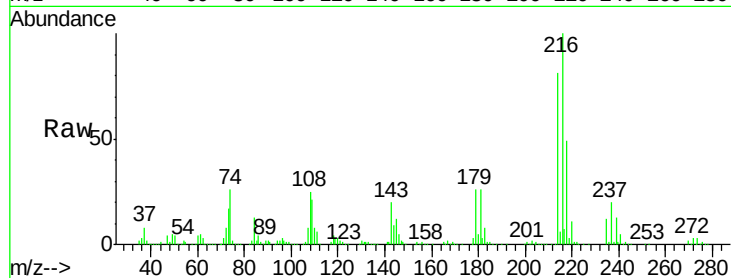
ClientSampleId :

SSTDIC060

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		926062		
214	80.7		63.7	95.5	
179	25.6		19.1	28.7	
108	26.7		18.9	28.3	

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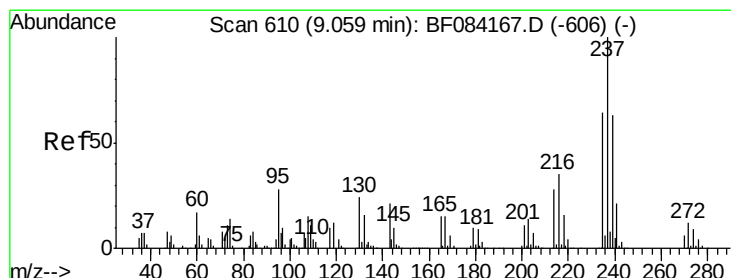
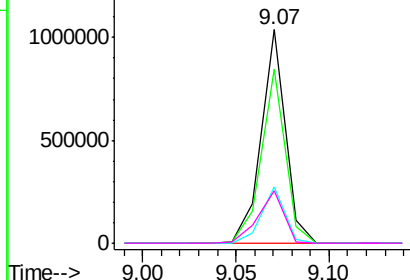
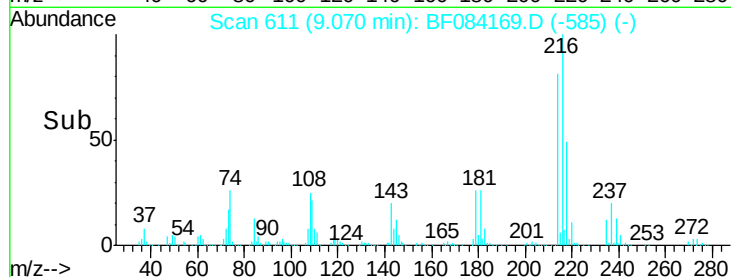


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 123.01 ng

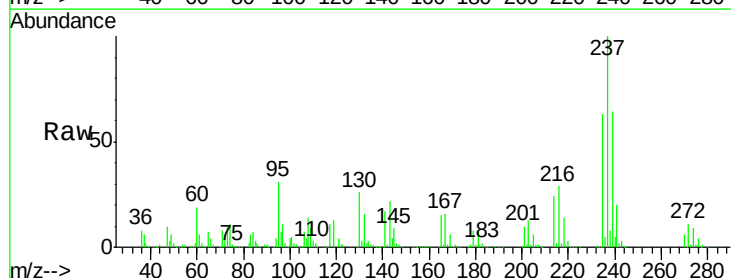
RT: 9.06 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF084169.D

Acq: 31 Dec 2015 1:49

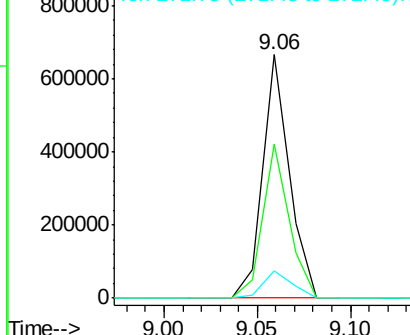
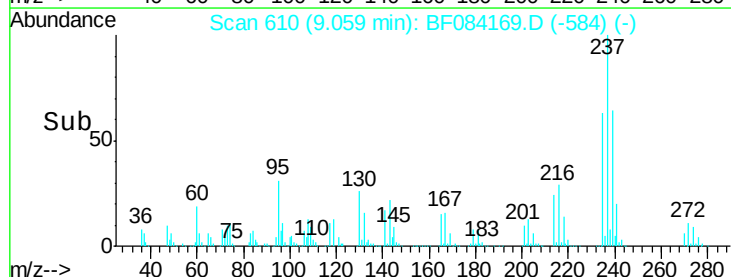
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		650769		
235	63.4		44.4	84.4	
272	11.1		0.0	31.9	

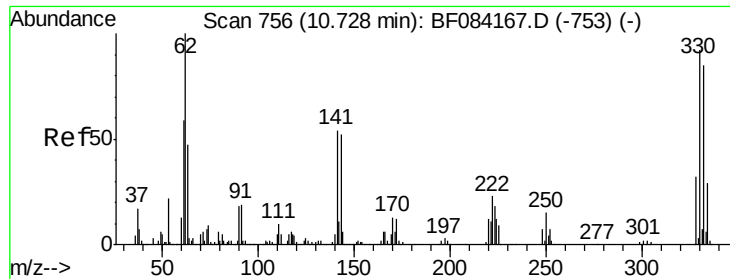


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





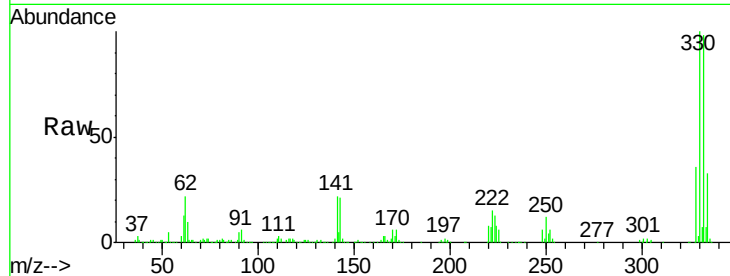
#41
 2,4,6-Tribromophenol
 Concen: 112.53 ng
 RT: 10.74 min Scan# 757
 Delta R.T. 0.01 min
 Lab File: BF084169.D
 Acq: 31 Dec 2015 1:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

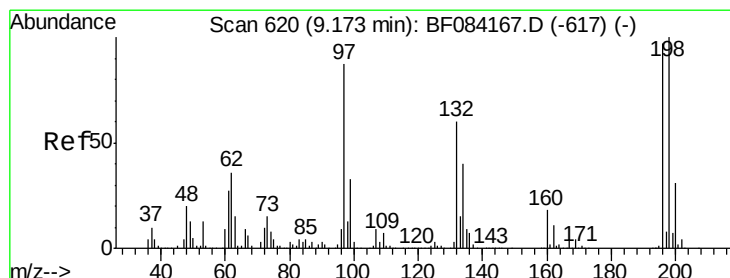
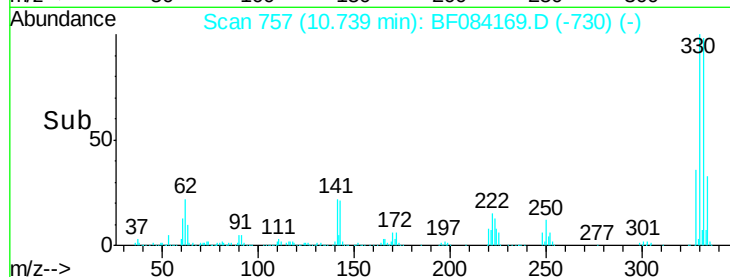
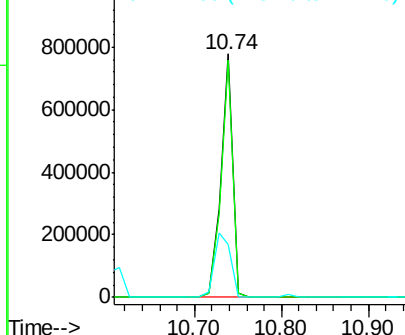
Tot Ion	Ratio	Resp	Lower	Upper
330	100	751325		
332	96.7	76.2	114.2	
141	36.5	31.3	46.9	

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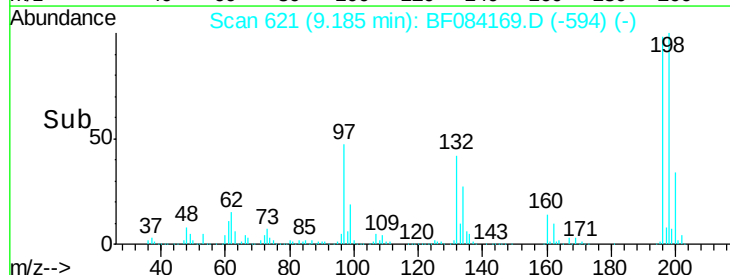
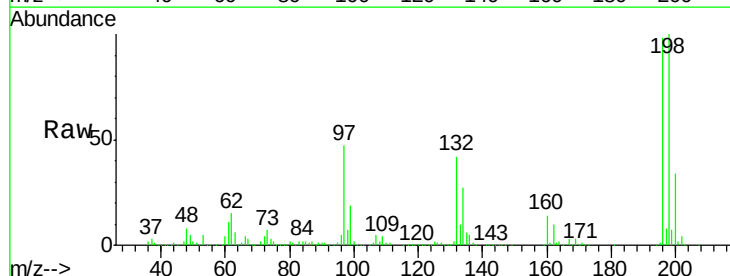
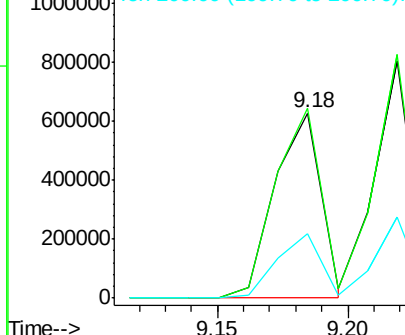
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

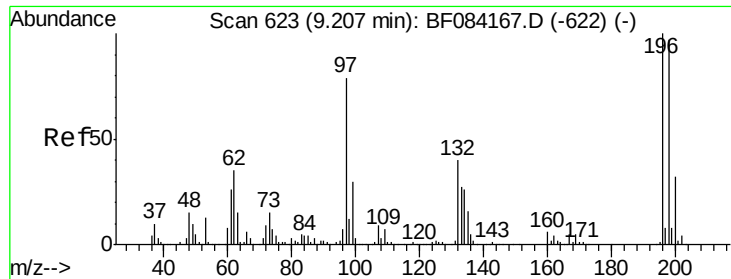


#42
 2,4,6-Trichlorophenol
 Concen: 59.98 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.01 min
 Lab File: BF084169.D
 Acq: 31 Dec 2015 1:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	772074		
198	102.5	82.5	123.7	
200	34.7	25.8	38.8	

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





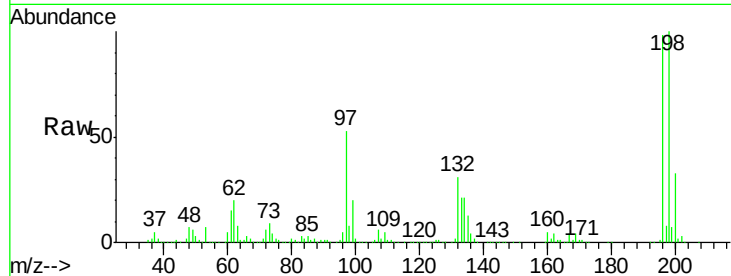
#43
2,4,5-Trichlorophenol
Concen: 60.31 ng
RT: 9.22 min Scan# 624
Delta R.T. 0.01 min
Lab File: BF084169.D
Acq: 31 Dec 2015 1:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
196	100	776352		
198	102.5	78.2	117.4	
97	54.5	64.9	97.3#	
132	31.4	32.3	48.5#	

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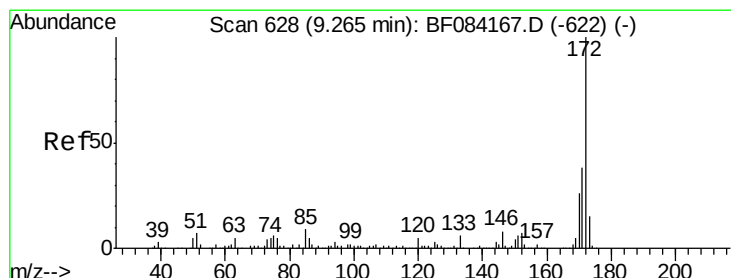
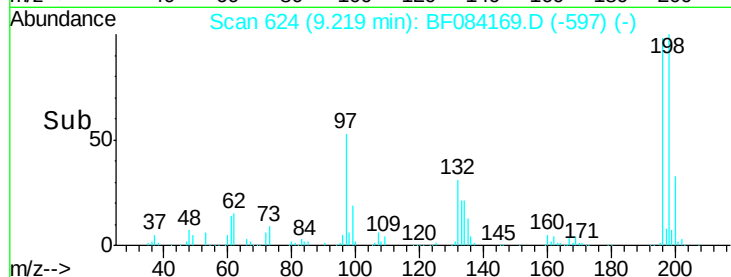
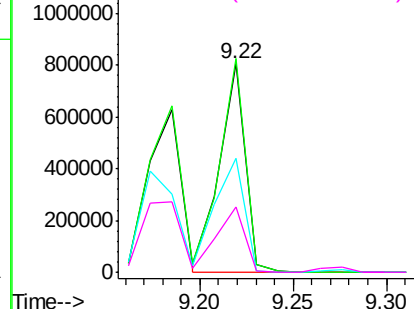
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 93.44 ng
RT: 9.28 min Scan# 629
Delta R.T. 0.01 min
Lab File: BF084169.D
Acq: 31 Dec 2015 1:49

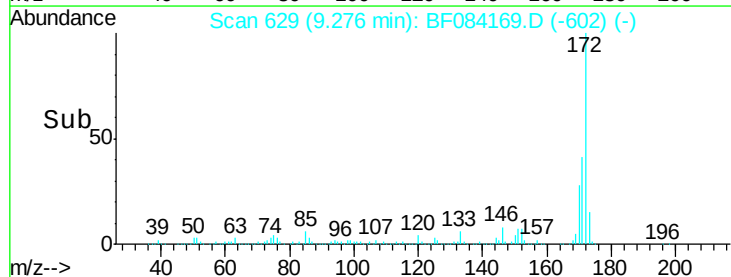
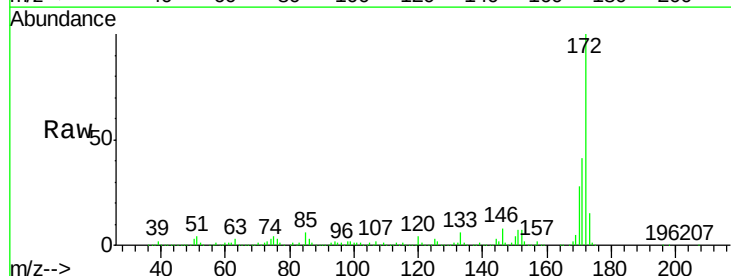
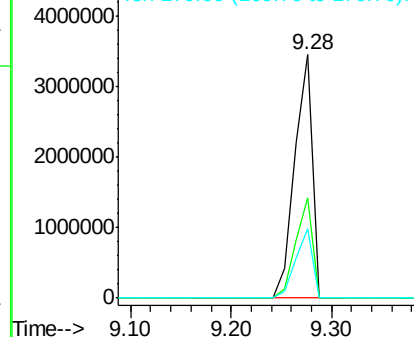
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	4174384		
171	41.0	30.6	46.0	
170	28.3	20.6	30.8	

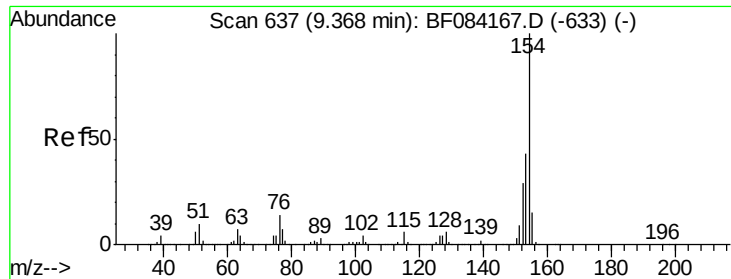
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 48.36 ng

RT: 9.37 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF084169.D

Acq: 31 Dec 2015 1:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:154 Resp: 2649615

Ion Ratio Lower Upper

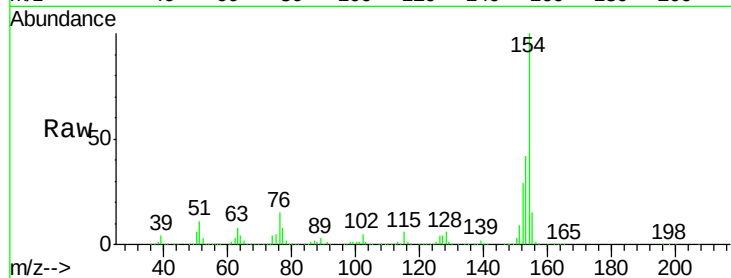
154 100

153 41.7 23.4 63.4

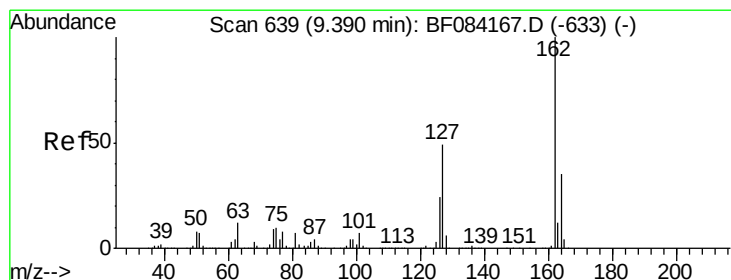
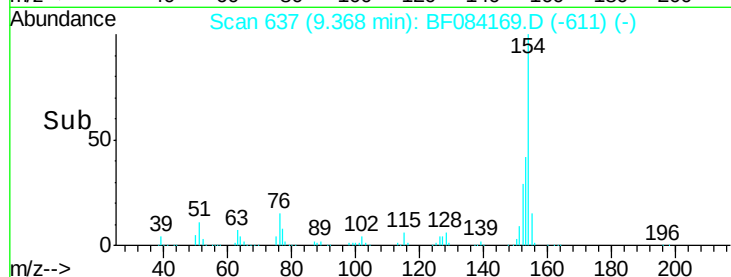
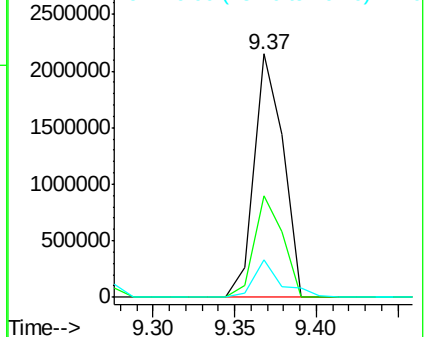
76 15.3 0.0 34.2

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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: 49.39 ng

RT: 9.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF084169.D

Acq: 31 Dec 2015 1:49

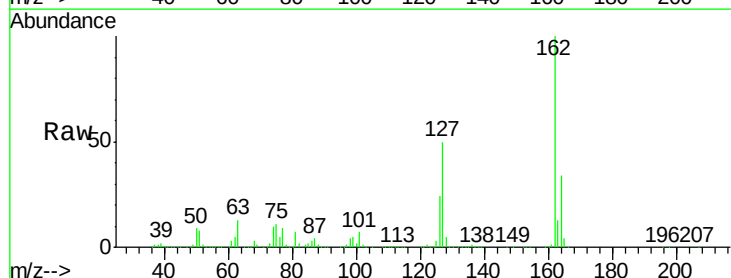
Tgt Ion:162 Resp: 2069256

Ion Ratio Lower Upper

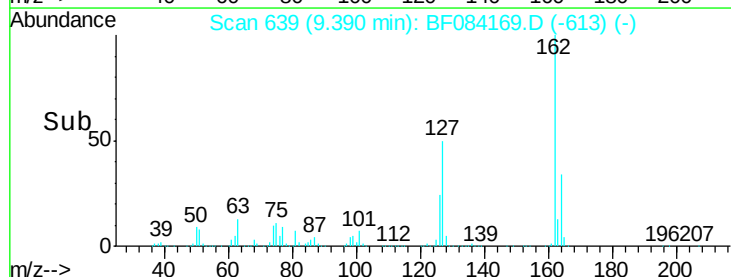
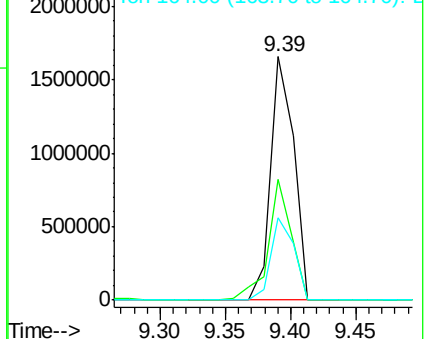
162 100

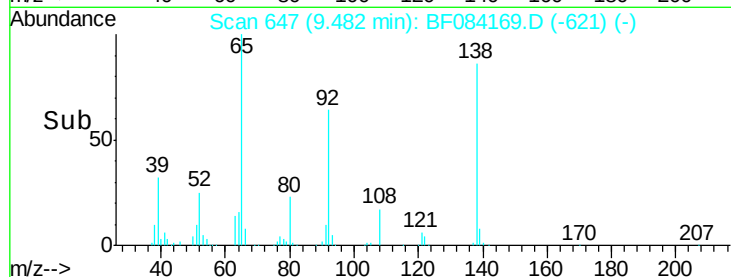
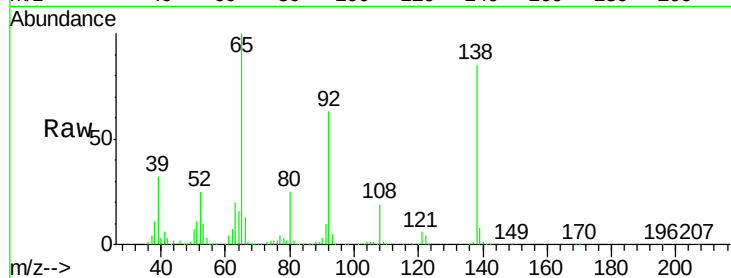
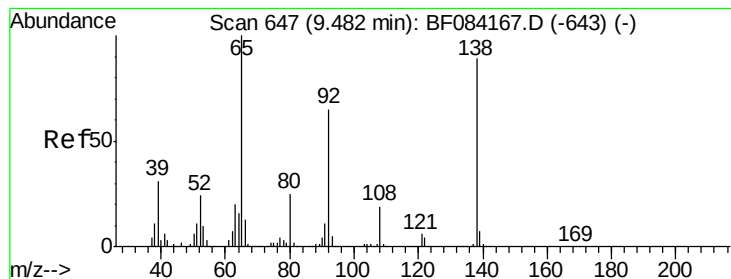
127 49.7 39.4 59.0

164 33.9 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: 60.66 ng

RT: 9.48 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF084169.D

Acq: 31 Dec 2015 1:49

Tot Ion:	65	Resp:	696886
Ion Ratio	Lower	Upper	
65	100		
92	63.1	51.8	77.8
138	85.2	70.9	106.3

Instrument :

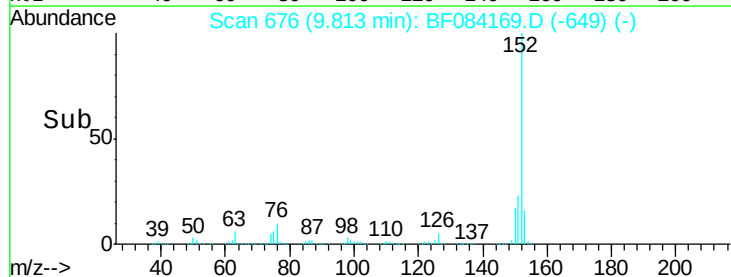
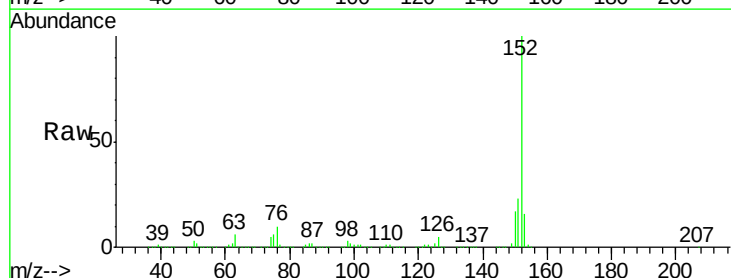
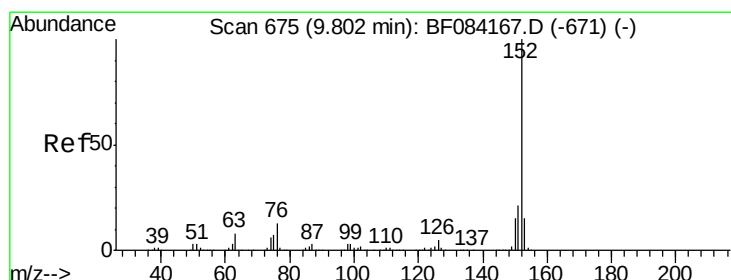
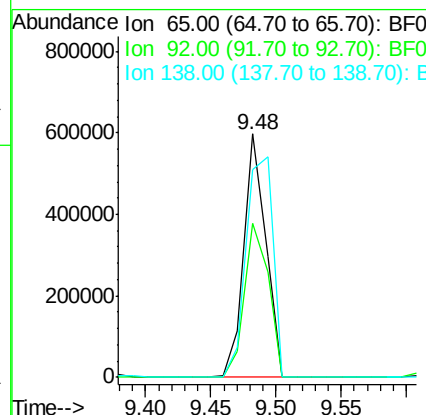
BNA_F

ClientSampleId :

SSTDIC060

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#48

Acenaphthylene

Concen: 48.22 ng

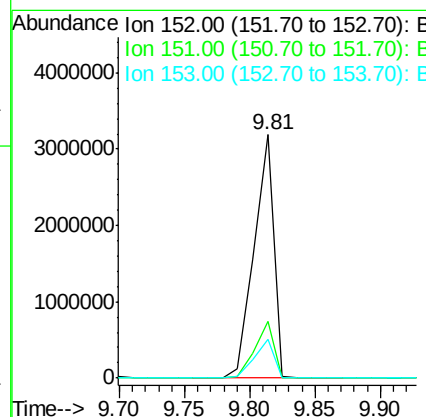
RT: 9.81 min Scan# 676

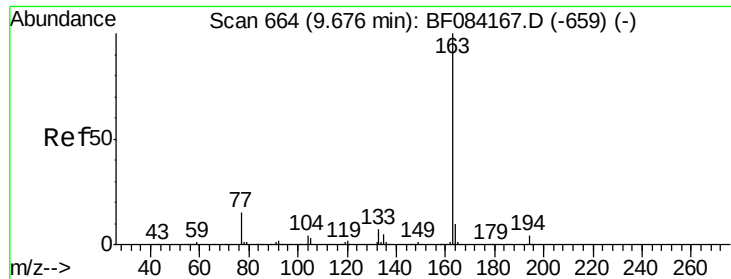
Delta R.T. 0.01 min

Lab File: BF084169.D

Acq: 31 Dec 2015 1:49

Tgt Ion:	152	Resp:	3353384
Ion Ratio	Lower	Upper	
152	100		
151	23.3	16.9	25.3
153	16.0	12.2	18.2





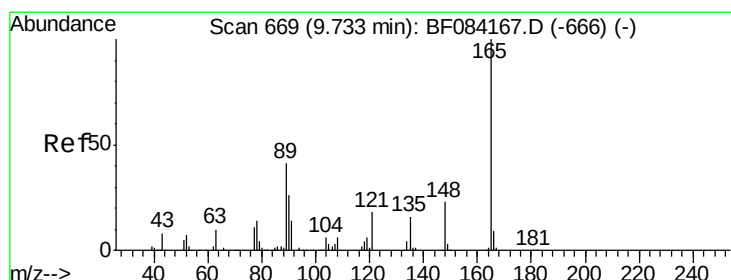
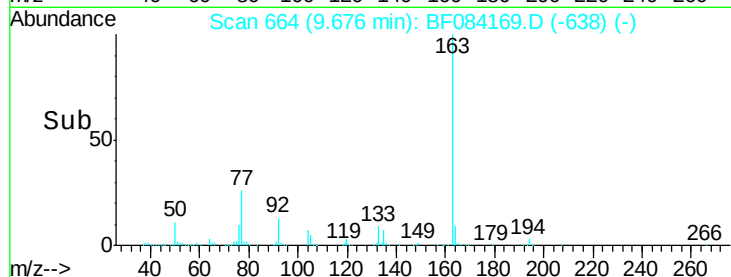
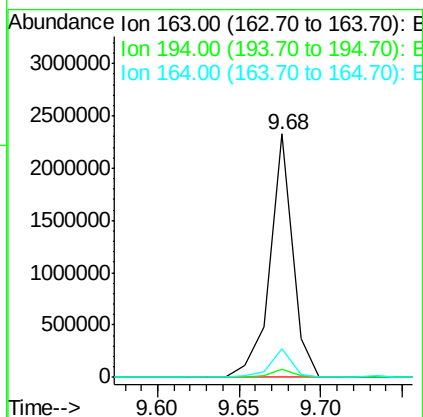
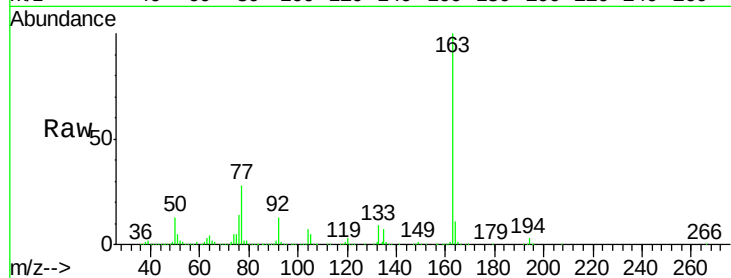
#49
Dimethylphthalate
Concen: 44.08 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF084169.D
Acq: 31 Dec 2015 1:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.0	4.6
164	11.5	8.2	12.4

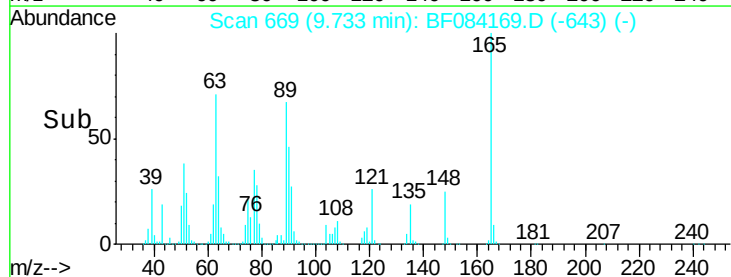
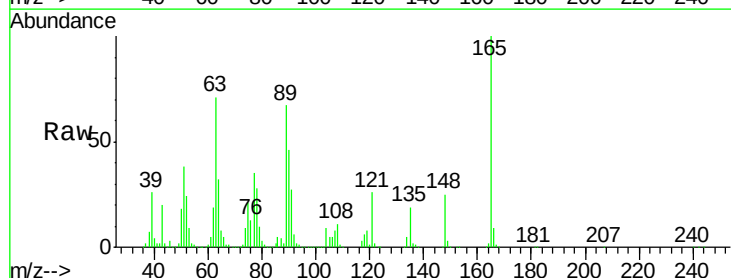
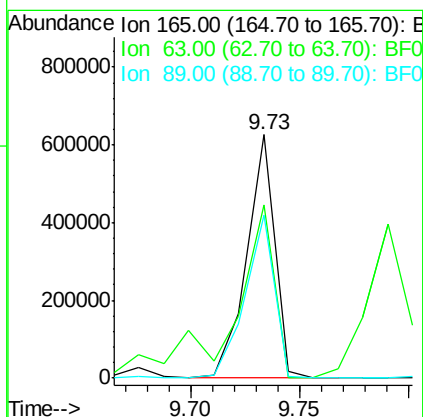
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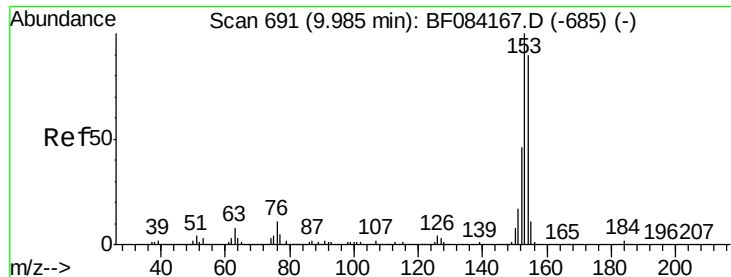
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#50
2,6-Dinitrotoluene
Concen: 52.09 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF084169.D
Acq: 31 Dec 2015 1:49

Tgt Ion	Ratio	Lower	Upper
165	100		
63	71.3	28.8	43.2#
89	67.2	32.7	49.1#





#51

Acenaphthene

Concen: 55.44 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF084169.D

Acq: 31 Dec 2015 1:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:154 Resp: 2282053

Ion Ratio Lower Upper

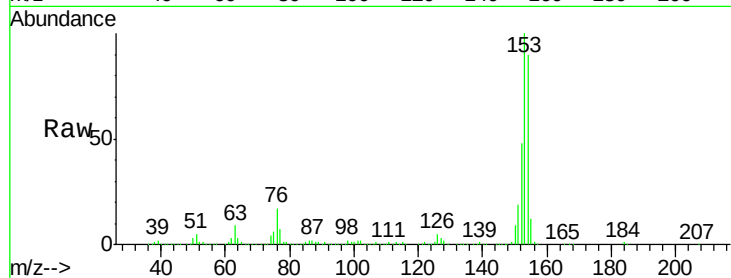
154 100

153 110.5 89.2 133.8

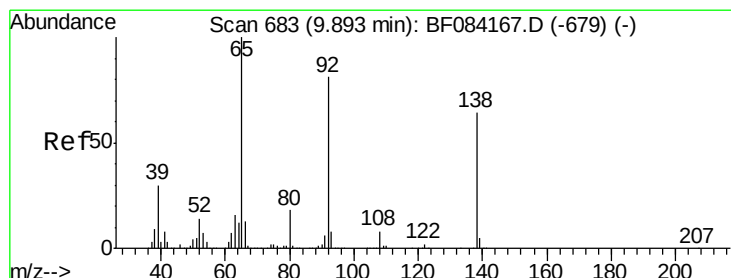
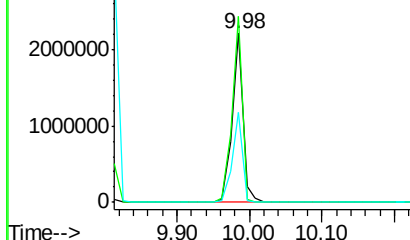
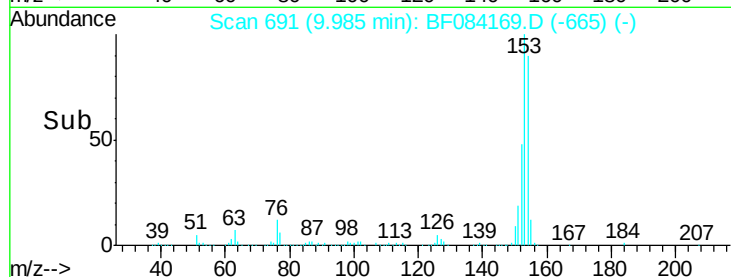
152 53.5 41.2 61.8

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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: 67.18 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.01 min

Lab File: BF084169.D

Acq: 31 Dec 2015 1:49

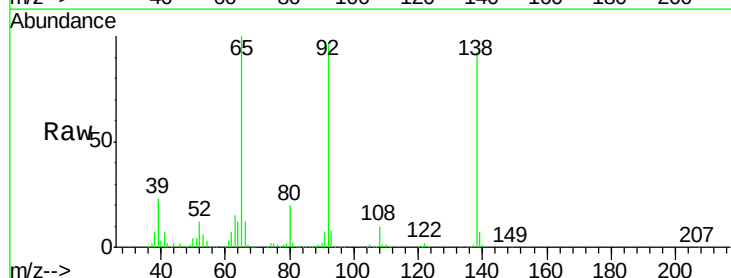
Tgt Ion:138 Resp: 774866

Ion Ratio Lower Upper

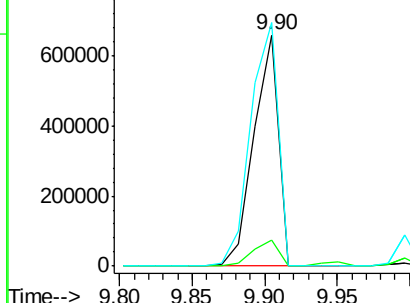
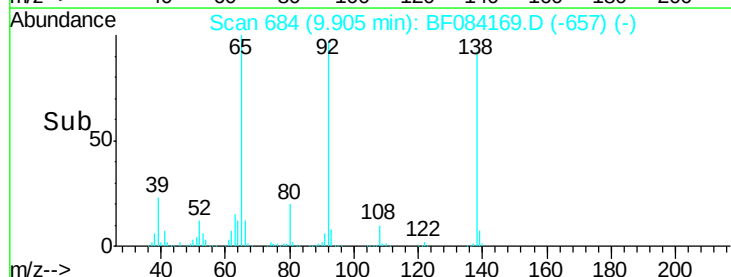
138 100

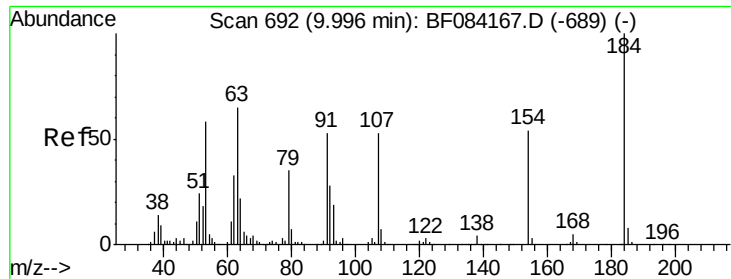
108 11.1 10.2 15.4

92 105.4 101.9 152.9



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





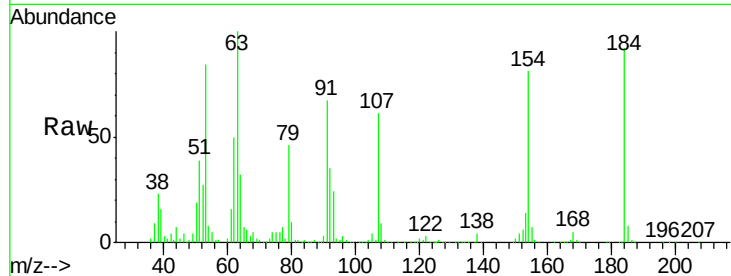
#53
2,4-Dinitrophenol
Concen: 74.01 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF084169.D
Acq: 31 Dec 2015 1:49

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

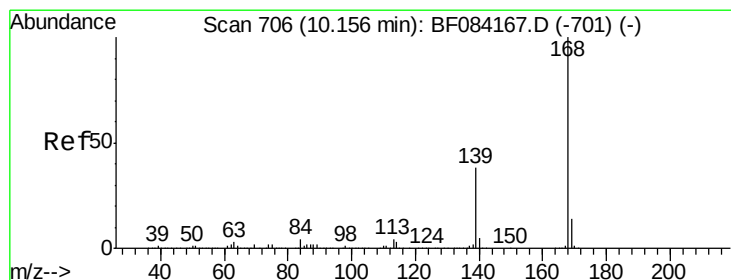
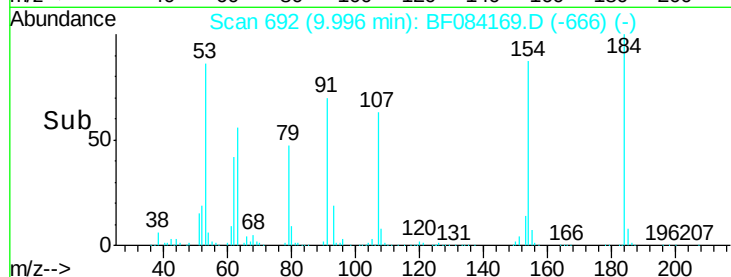
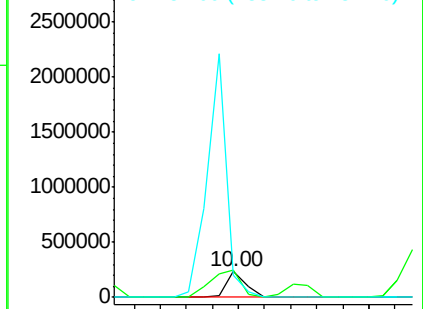
Tot Ion	Ratio	Resp	Lower	Upper
184	100	241256		
63	108.2	54.2	81.4#	
154	87.7	58.2	87.4#	

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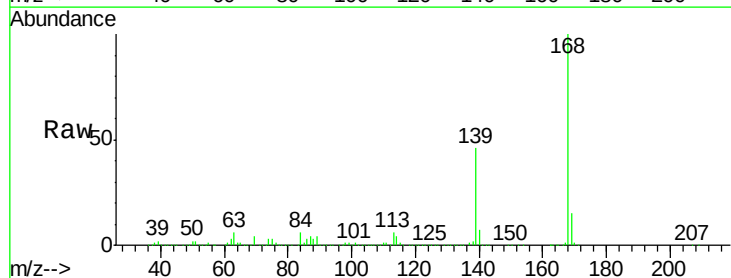


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

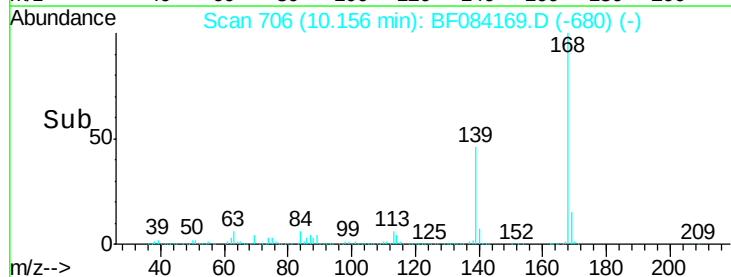
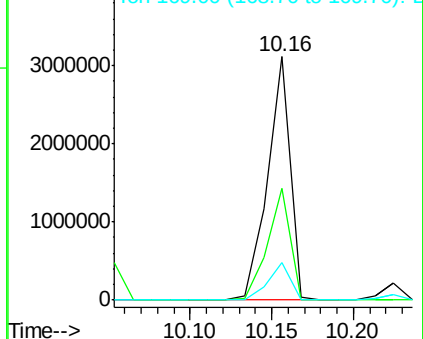


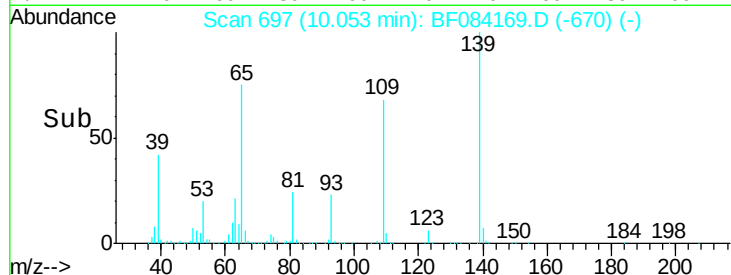
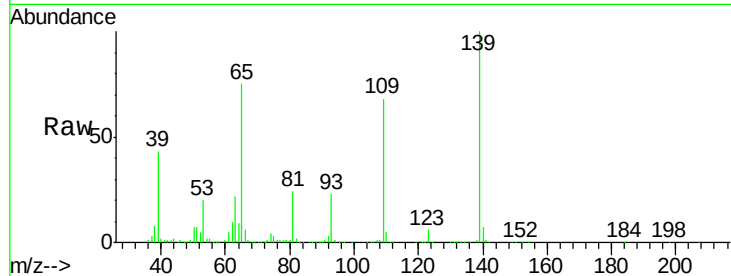
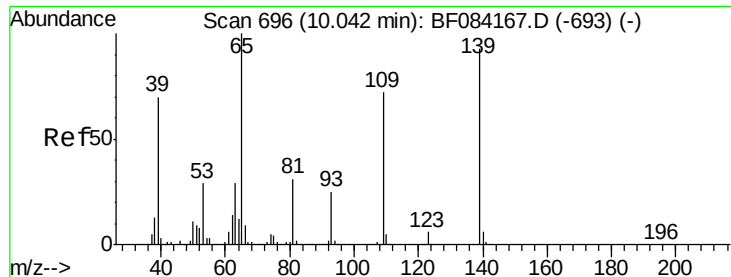
#54
Dibenzofuran
Concen: 52.64 ng
RT: 10.16 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF084169.D
Acq: 31 Dec 2015 1:49

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	2990900		
139	45.9	30.5	45.7#	
169	15.4	11.1	16.7	



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





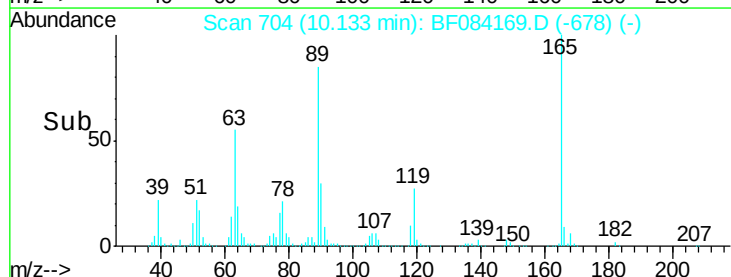
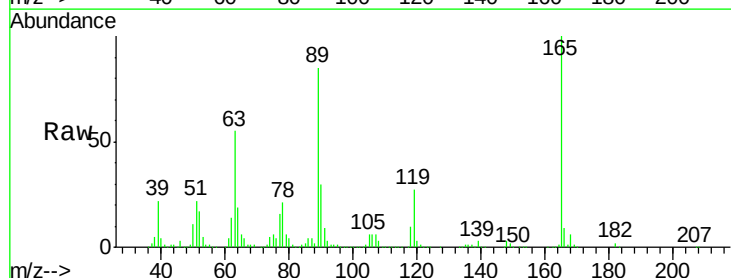
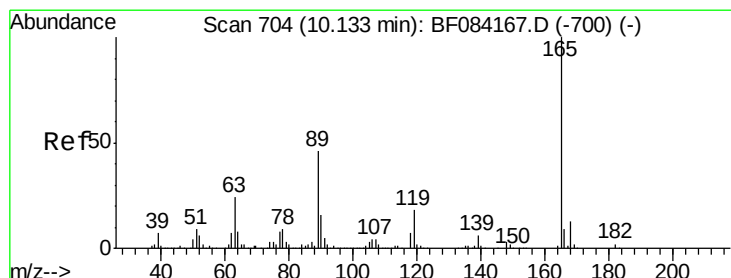
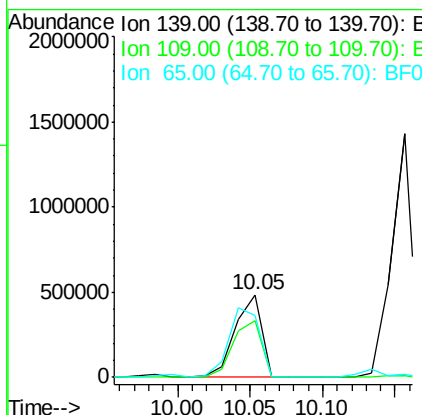
#55
4-Nitrophenol
Concen: 92.37 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.01 min
Lab File: BF084169.D
Acq: 31 Dec 2015 1:49

Tot Ion	Ratio	Resp	Lower	Upper
139	100	617329		
109	68.4	57.3	97.3	
65	75.4	88.4	128.4	

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

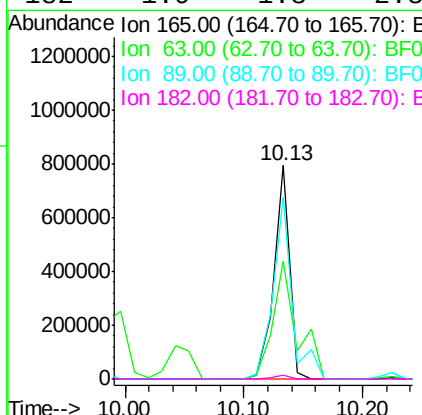
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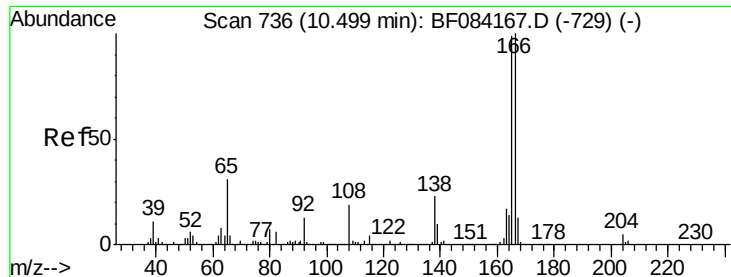
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#56
2,4-Dinitrotoluene
Concen: 50.48 ng
RT: 10.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF084169.D
Acq: 31 Dec 2015 1:49

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	729423		
63	55.3	19.4	29.2	#
89	85.2	37.0	55.6	#
182	1.9	1.8	2.8	





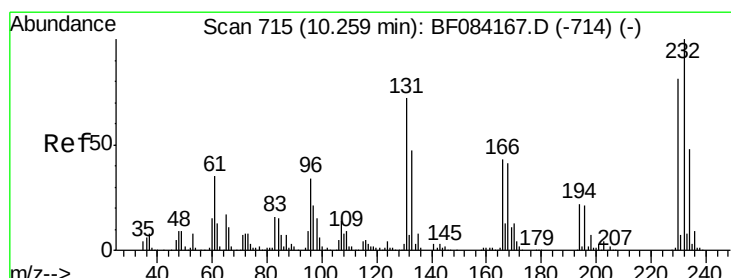
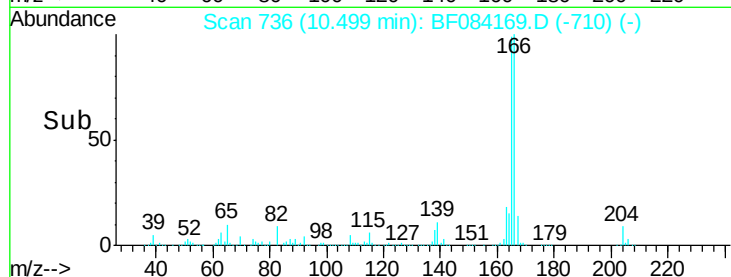
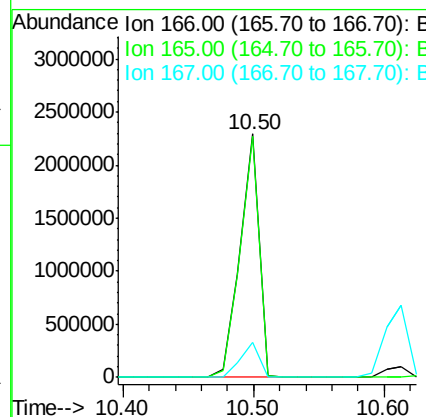
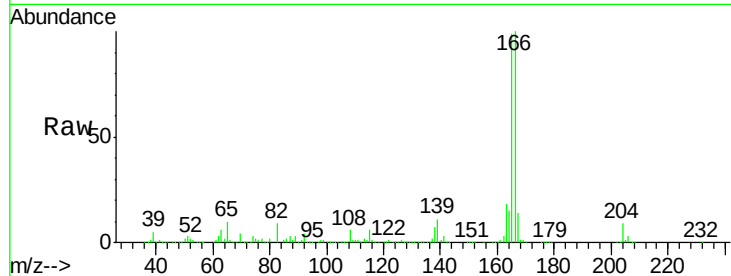
#57
 Fluorene
 Concen: 49.00 ng
 RT: 10.50 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BF084169.D
 Acq: 31 Dec 2015 1:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.0	118.4
167	14.3	10.6	15.8

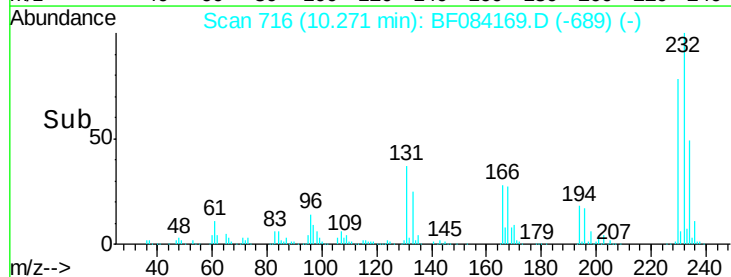
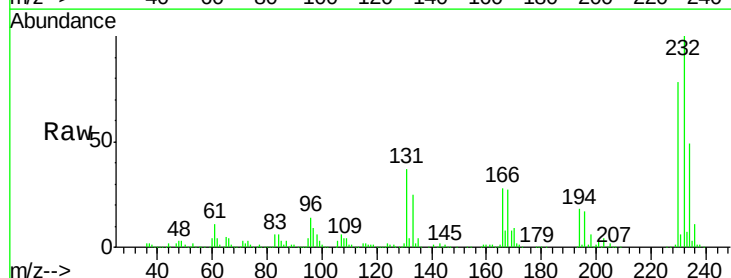
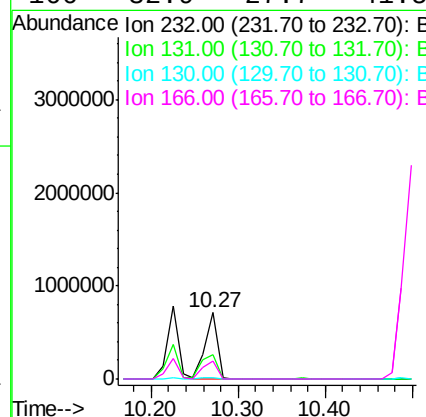
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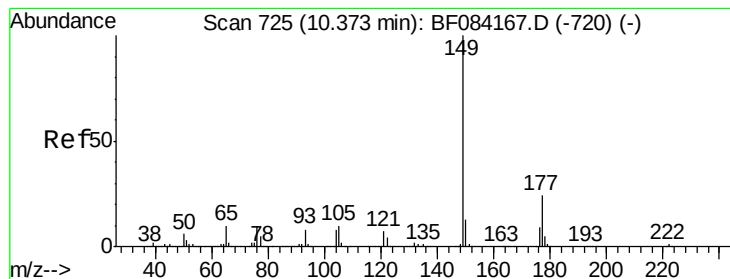
Sohil
 12/31/2015 6:41:25 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 72.75 ng
 RT: 10.27 min Scan# 716
 Delta R.T. 0.01 min
 Lab File: BF084169.D
 Acq: 31 Dec 2015 1:49

Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.5	42.9	64.3
130	2.5	2.0	3.0
166	32.9	27.7	41.5





#59

Diethylphthalate

Concen: 46.19 ng

RT: 10.37 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF084169.D

Acq: 31 Dec 2015 1:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:149 Resp: 2425404

Ion Ratio Lower Upper

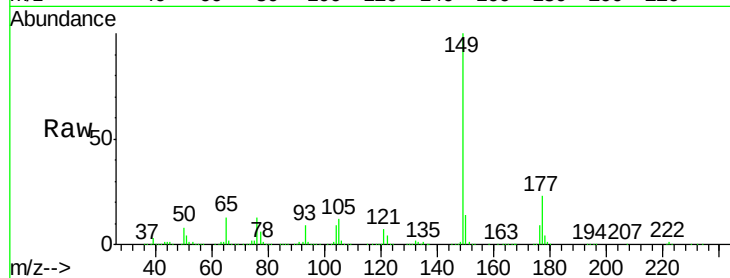
149 100

177 23.1 19.1 28.7

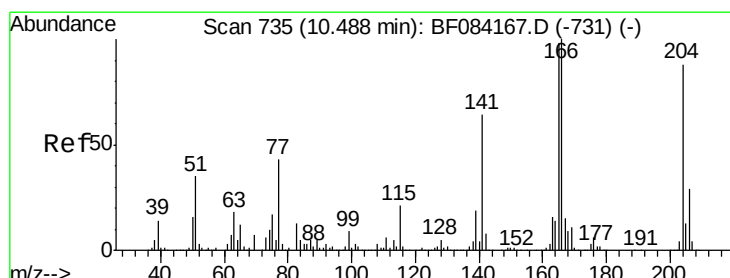
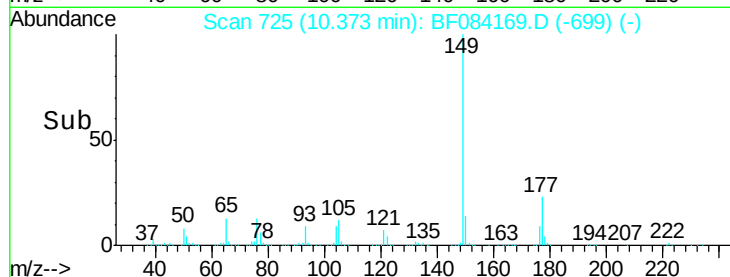
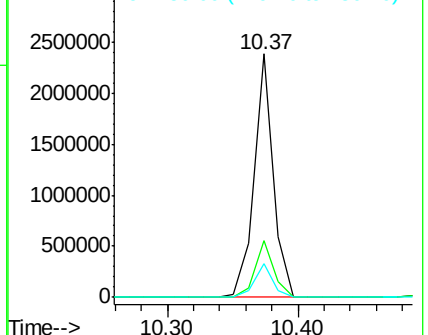
150 13.9 10.6 15.8

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



#60

4-Chlorophenyl-phenylether

Concen: 41.87 ng

RT: 10.49 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF084169.D

Acq: 31 Dec 2015 1:49

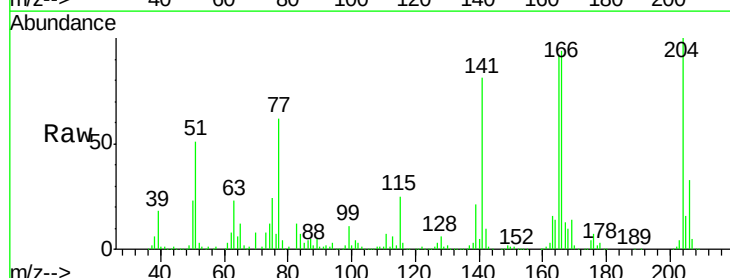
Tgt Ion:204 Resp: 916351

Ion Ratio Lower Upper

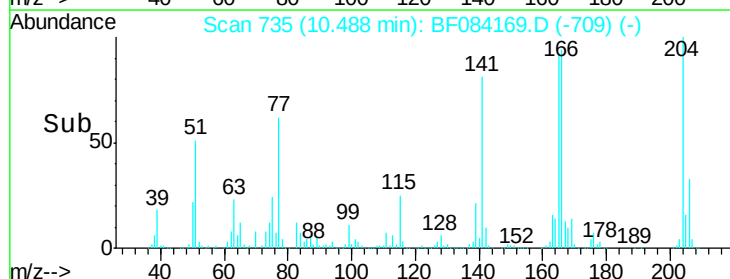
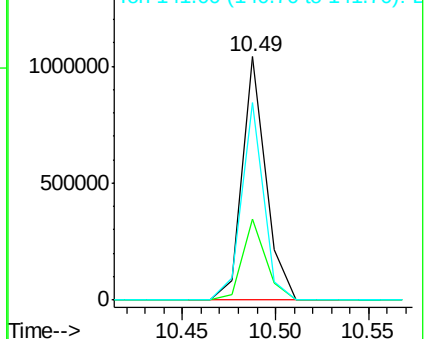
204 100

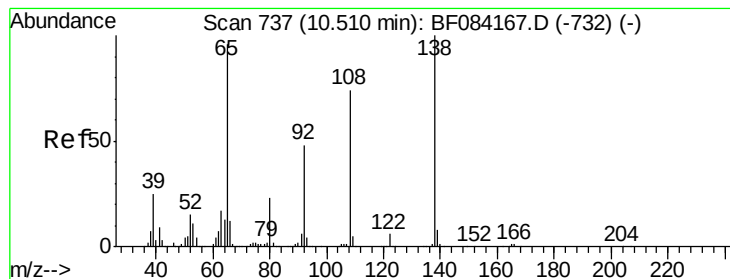
206 33.1 26.4 39.6

141 81.2 58.0 87.0



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





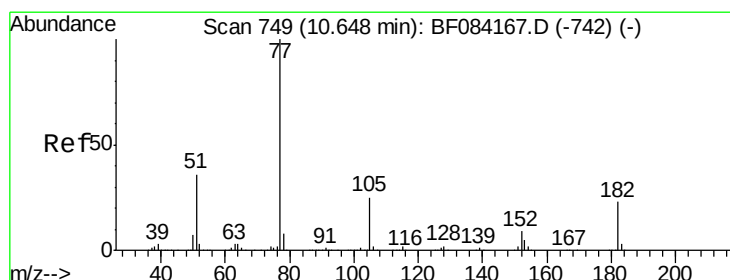
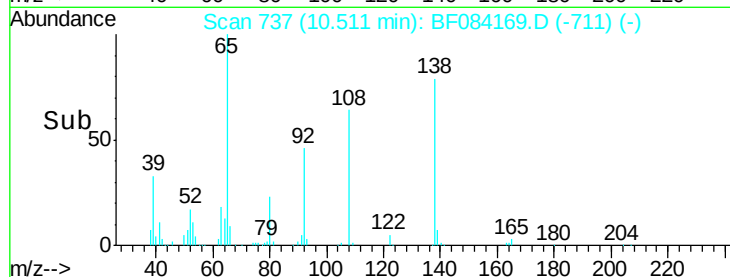
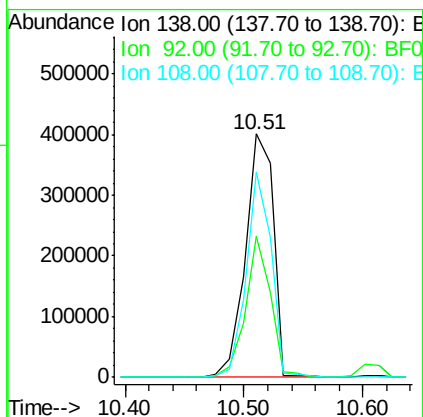
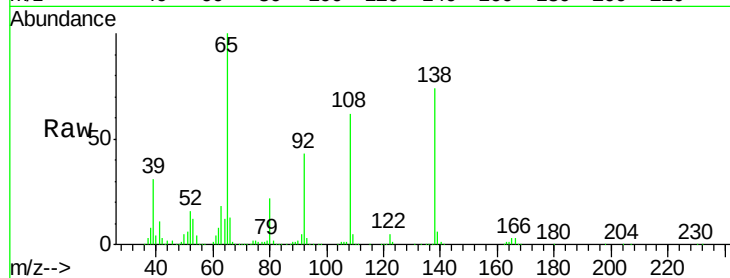
#61
4-Nitroaniline
Concen: 59.93 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF084169.D
Acq: 31 Dec 2015 1:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
138	100		
92	58.0	28.4	68.4
108	84.4	54.0	94.0

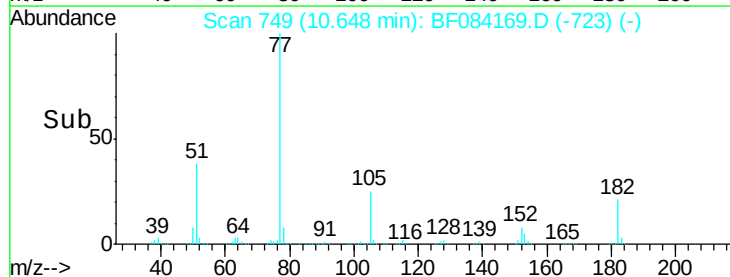
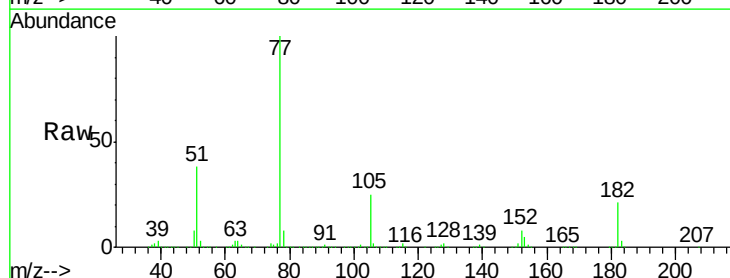
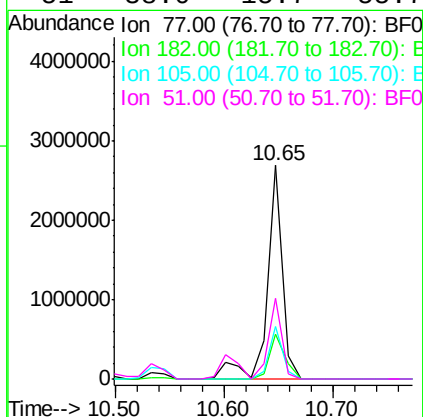
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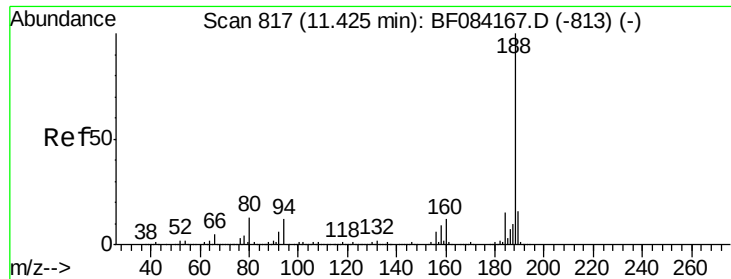
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#62
Azobenzene
Concen: 59.26 ng
RT: 10.65 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF084169.D
Acq: 31 Dec 2015 1:49

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.7	3.2	43.2
105	24.7	5.1	45.1
51	38.0	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: BF084169.D

Acq: 31 Dec 2015 1:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:188 Resp: 1104004

Ion Ratio Lower Upper

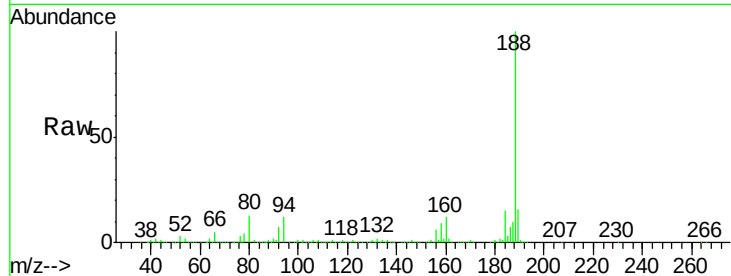
188 100

94 12.2 9.2 13.8

80 13.0 10.1 15.1

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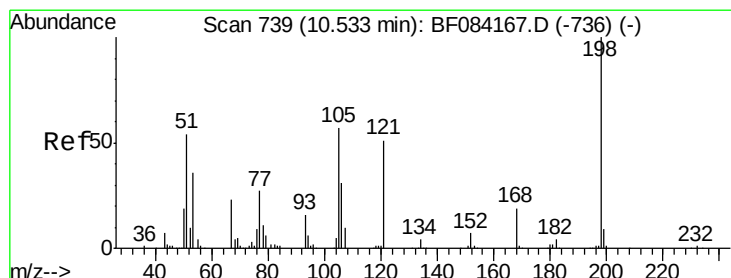
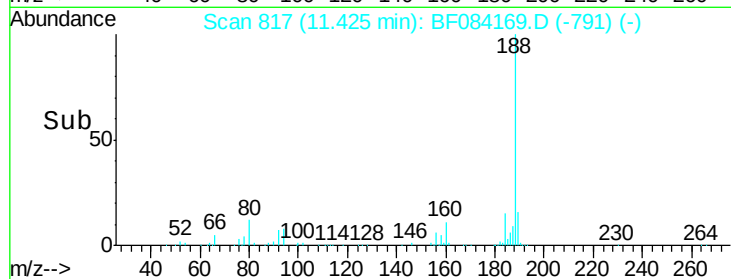
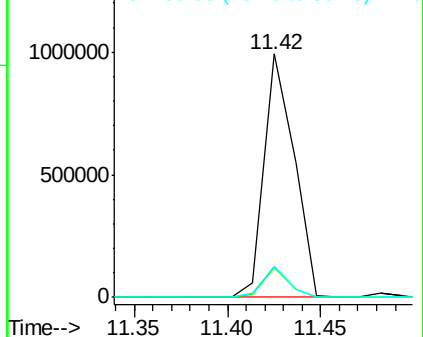
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 66.75 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF084169.D

Acq: 31 Dec 2015 1:49

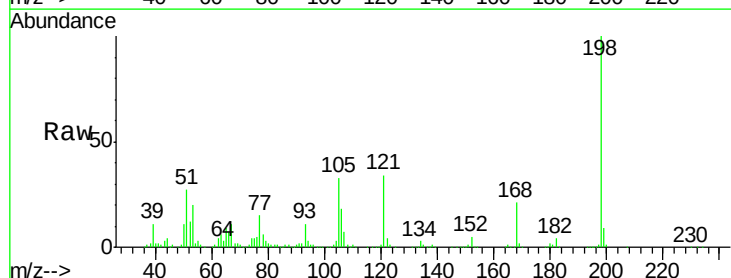
Tgt Ion:198 Resp: 411981

Ion Ratio Lower Upper

198 100

51 26.9 46.4 86.4#

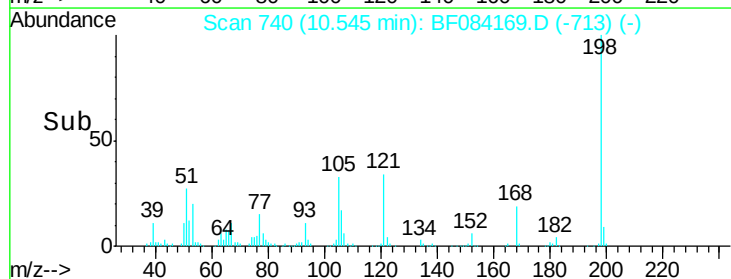
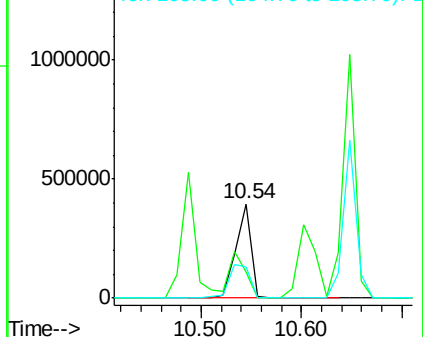
105 32.8 38.5 78.5#

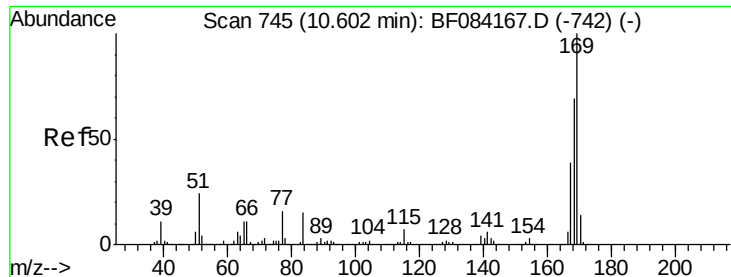


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 55.14 ng

RT: 10.61 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF084169.D

Acq: 31 Dec 2015 1:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:169 Resp: 2110159

Ion Ratio Lower Upper

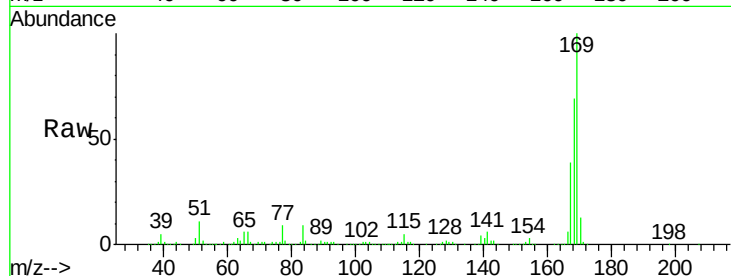
169 100

168 68.8 55.2 82.8

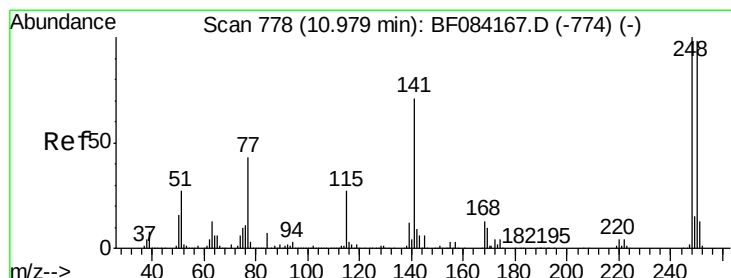
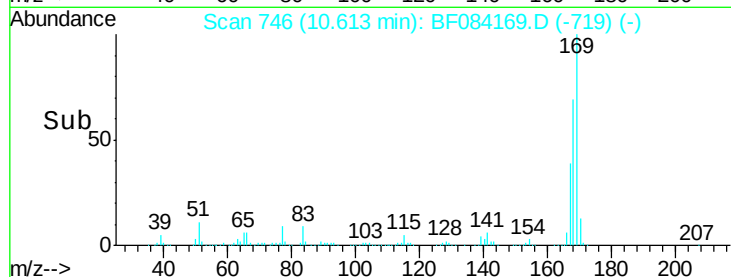
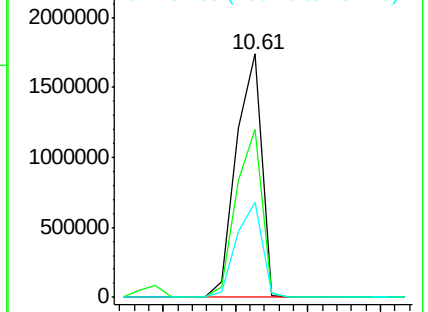
167 38.8 31.1 46.7

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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: 51.82 ng

RT: 10.98 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF084169.D

Acq: 31 Dec 2015 1:49

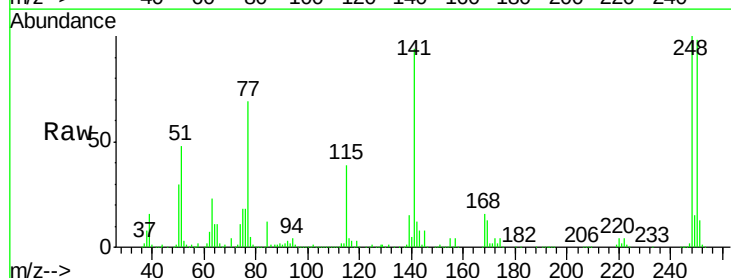
Tgt Ion:248 Resp: 662240

Ion Ratio Lower Upper

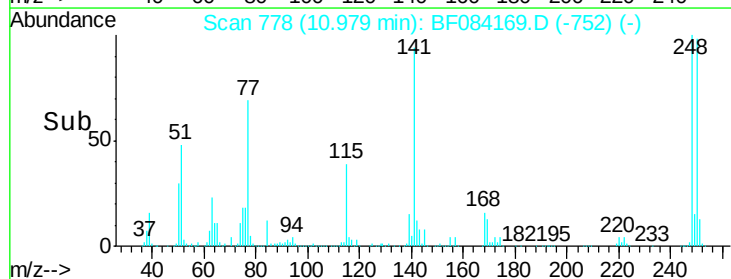
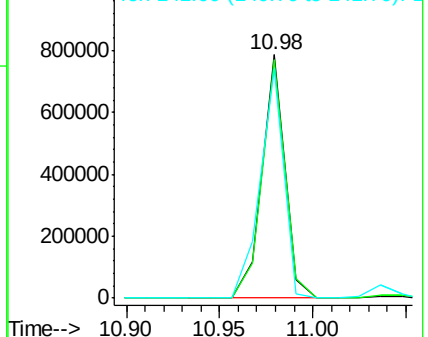
248 100

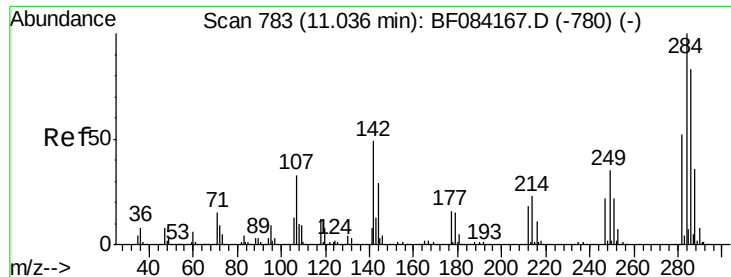
250 97.9 78.7 118.1

141 94.4 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





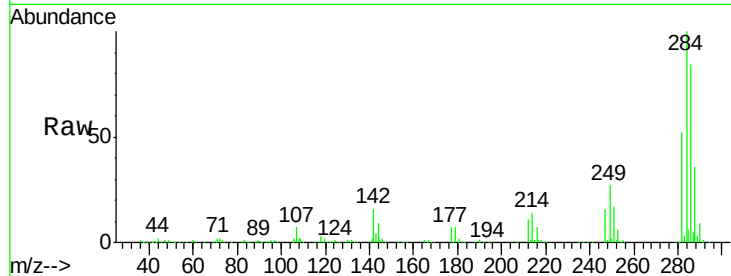
#67
Hexachlorobenzene
Concen: 55.12 ng
RT: 11.05 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF084169.D
Acq: 31 Dec 2015 1:49

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

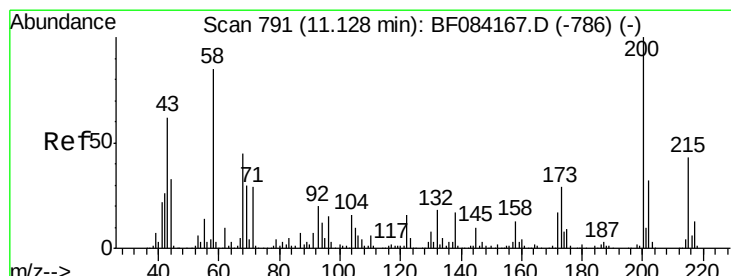
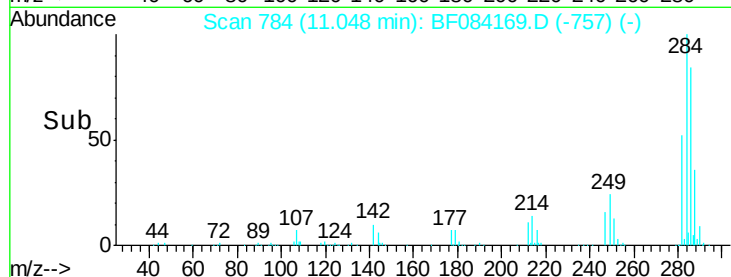
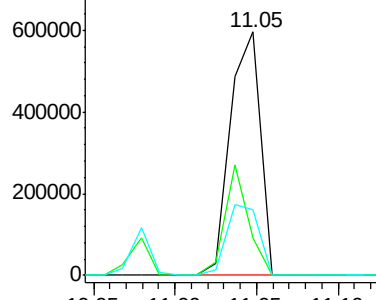
Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	15.6	39.4	59.2#
249	26.8	27.8	41.6#

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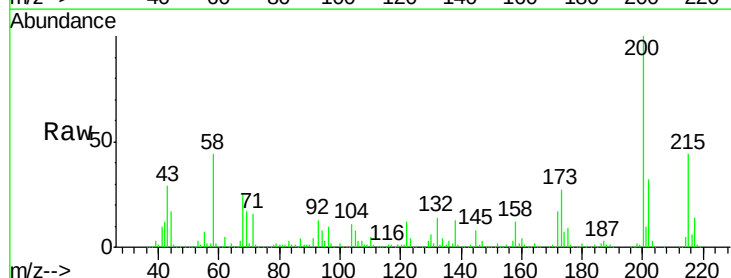


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

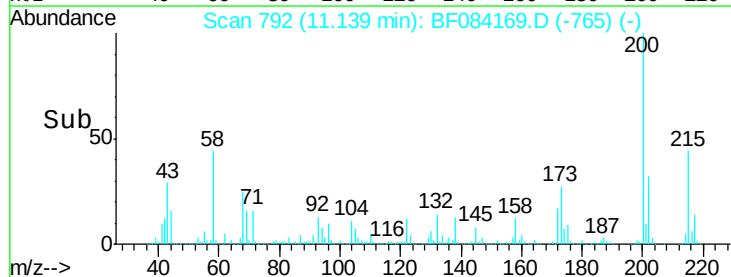
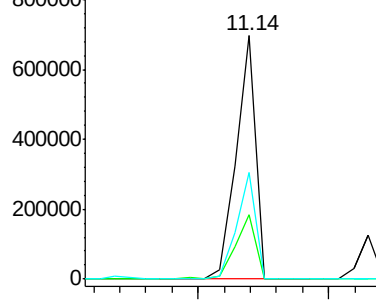


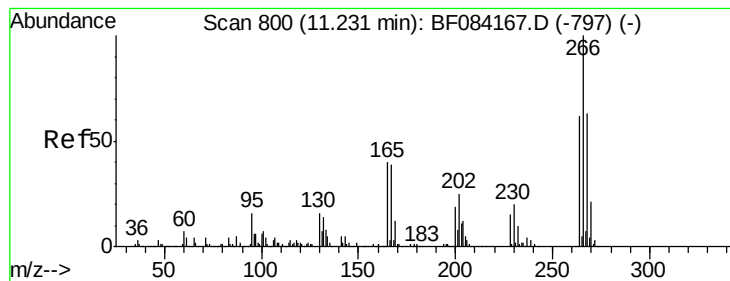
#68
Atrazine
Concen: 60.51 ng
RT: 11.14 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF084169.D
Acq: 31 Dec 2015 1:49

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	26.6	8.5	48.5
215	44.0	22.7	62.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 104.69 ng

RT: 11.23 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF084169.D

Acq: 31 Dec 2015 1:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:266 Resp: 489925

Ion Ratio Lower Upper

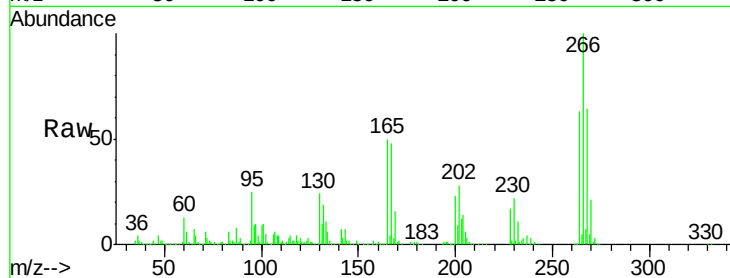
266 100

268 63.6 50.7 76.1

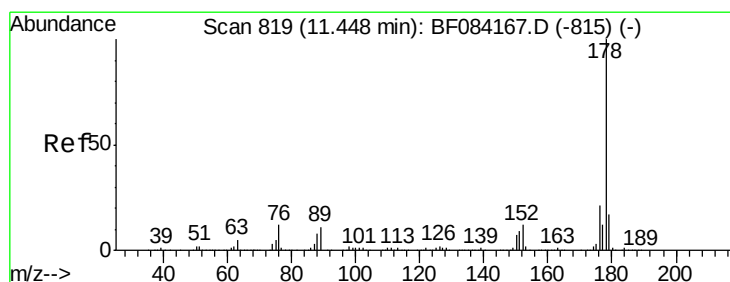
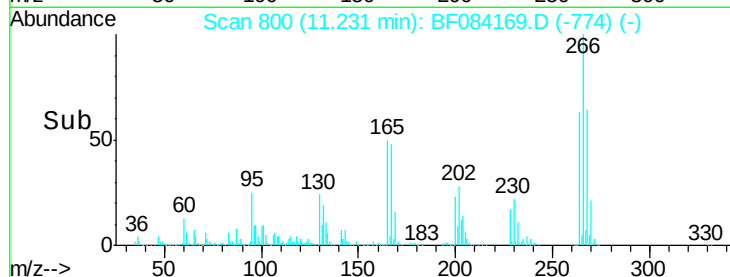
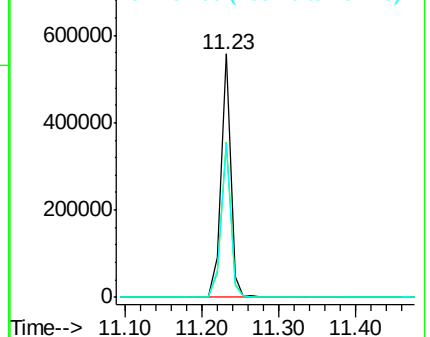
264 63.1 49.9 74.9

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



#70

Phenanthrene

Concen: 53.51 ng

RT: 11.46 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF084169.D

Acq: 31 Dec 2015 1:49

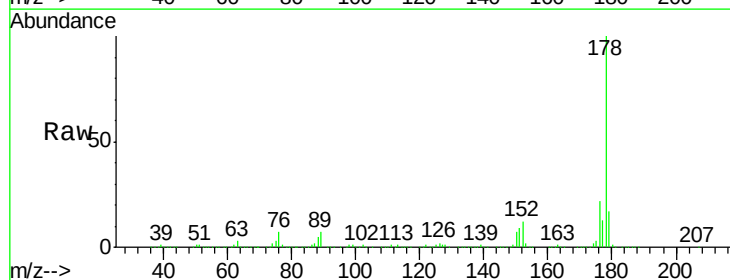
Tgt Ion:178 Resp: 3448603

Ion Ratio Lower Upper

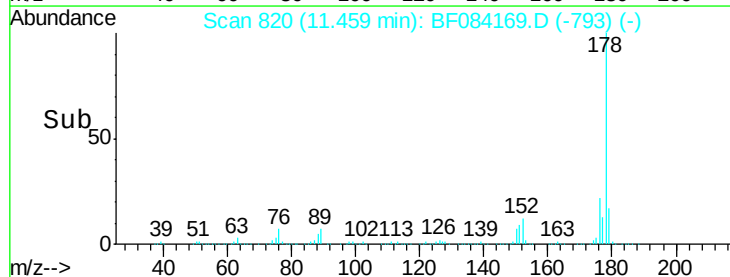
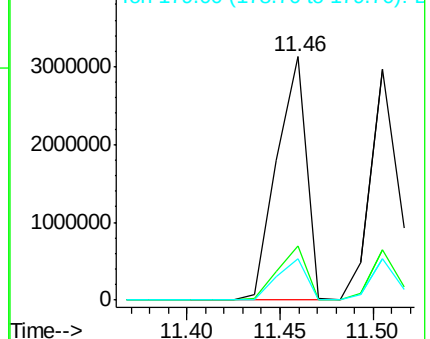
178 100

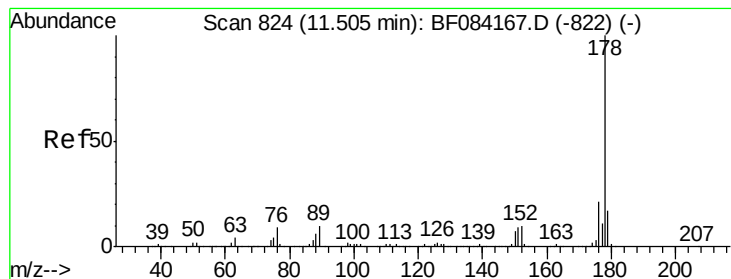
176 22.5 16.6 25.0

179 17.2 13.4 20.0



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





#71

Anthracene

Concen: 44.80 ng

RT: 11.50 min Scan# 824

Delta R.T. 0.00 min

Lab File: BF084169.D

Acq: 31 Dec 2015 1:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:178 Resp: 3013977

Ion Ratio Lower Upper

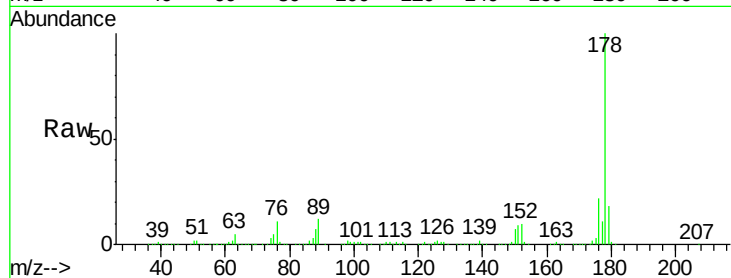
178 100

176 21.9 17.1 25.7

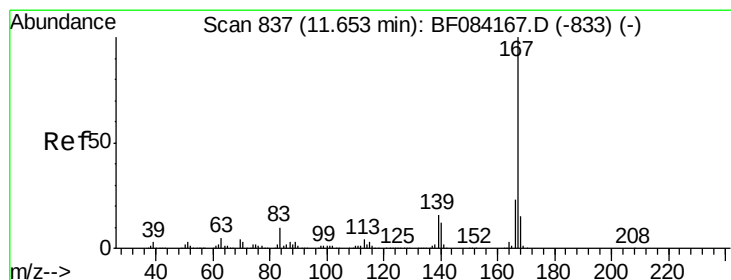
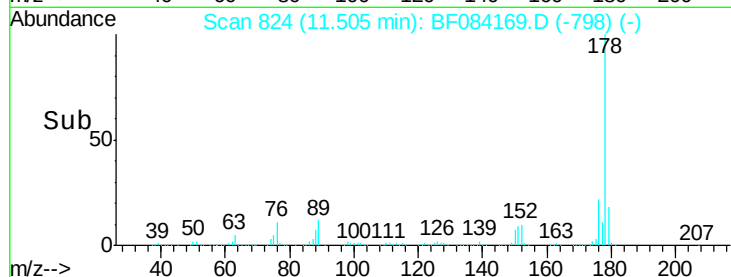
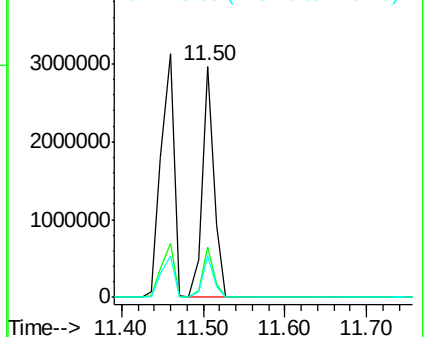
179 18.0 13.9 20.9

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



#72

Carbazole

Concen: 54.60 ng

RT: 11.66 min Scan# 838

Delta R.T. 0.01 min

Lab File: BF084169.D

Acq: 31 Dec 2015 1:49

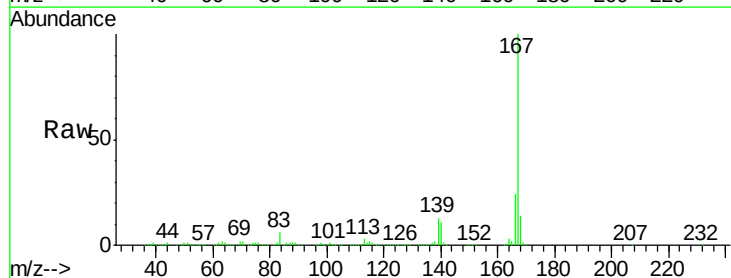
Tgt Ion:167 Resp: 3138556

Ion Ratio Lower Upper

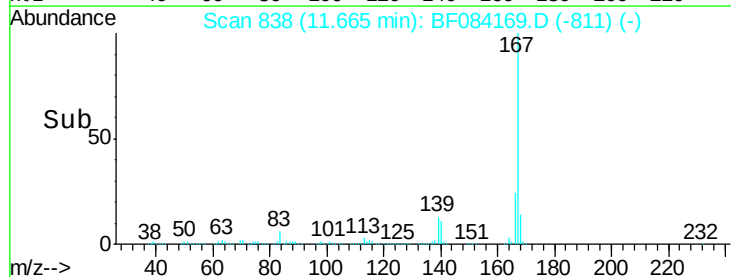
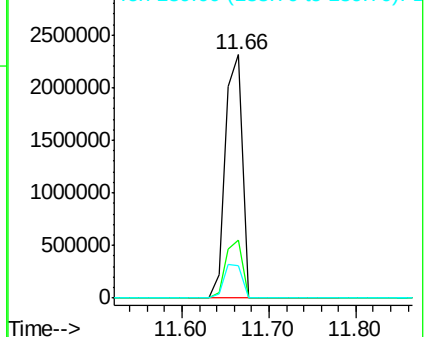
167 100

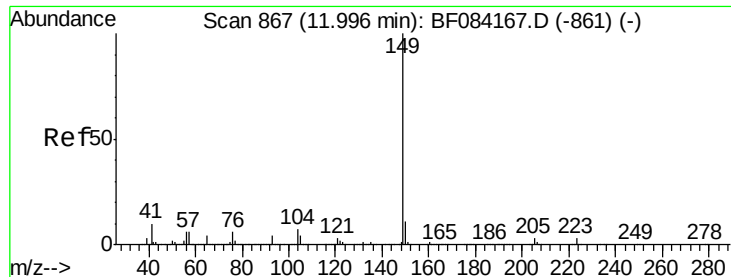
166 23.8 18.6 28.0

139 13.5 13.0 19.6



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.63 ng

RT: 12.00 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF084169.D

Acq: 31 Dec 2015 1:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:149 Resp: 3228967

Ion Ratio Lower Upper

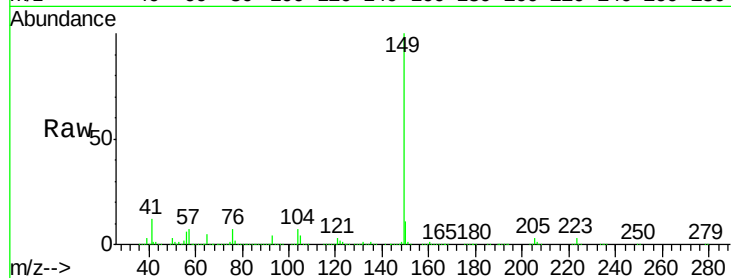
149 100

150 11.2 8.5 12.7

104 7.0 5.2 7.8

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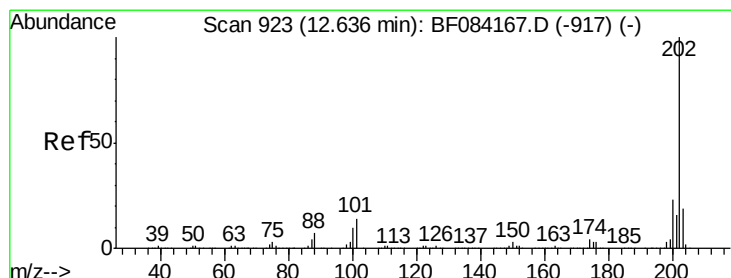
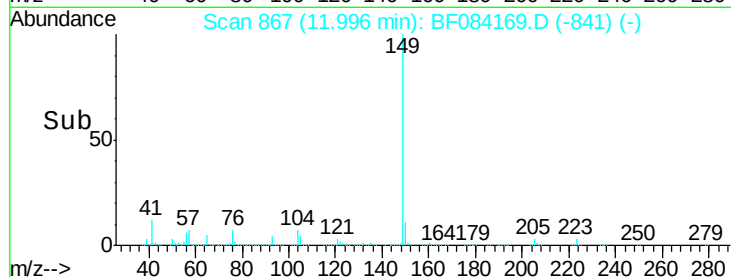
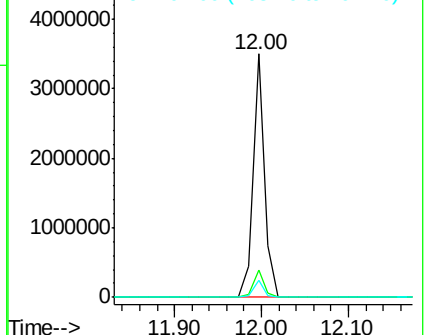
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 46.57 ng

RT: 12.64 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF084169.D

Acq: 31 Dec 2015 1:49

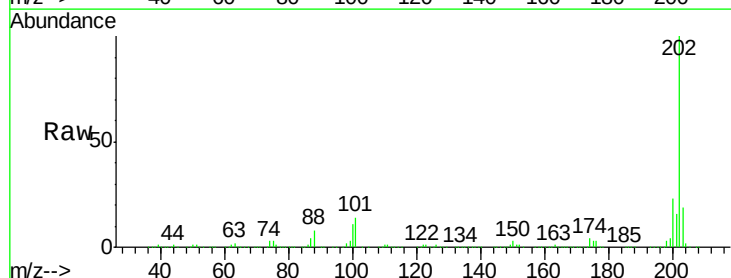
Tgt Ion:202 Resp: 3156254

Ion Ratio Lower Upper

202 100

101 14.5 0.0 34.0

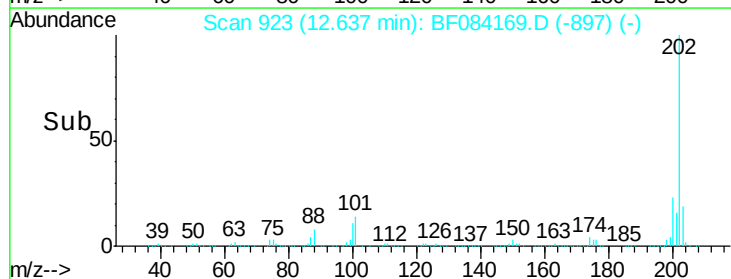
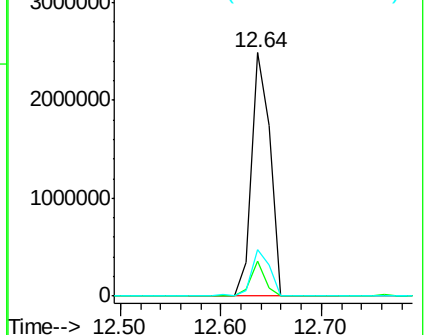
203 19.3 0.0 39.2

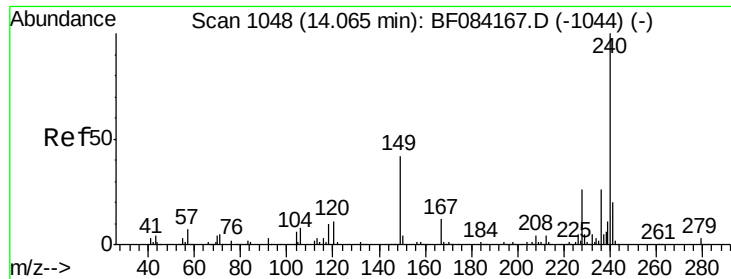


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF084169.D

Acq: 31 Dec 2015 1:49

Instrument :

BNA_F

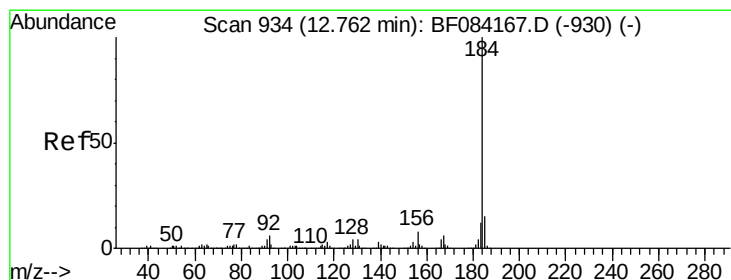
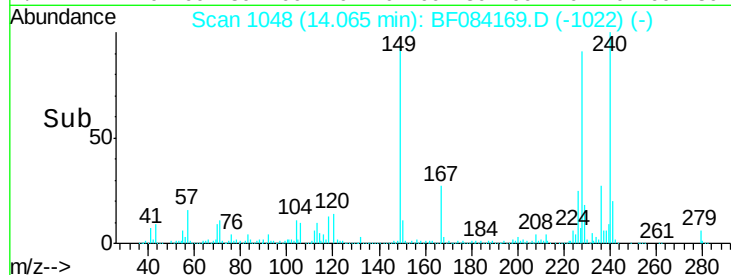
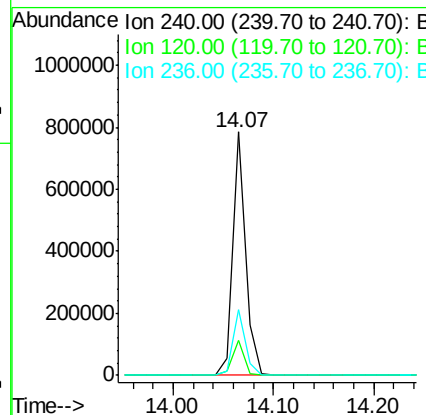
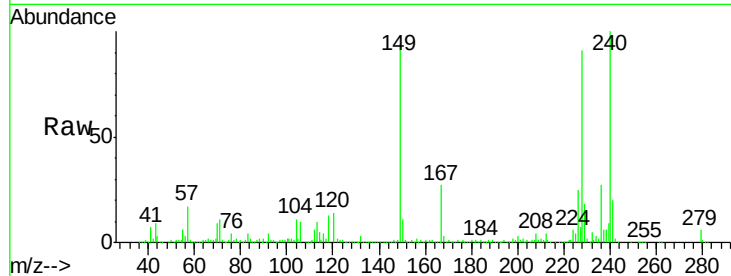
ClientSampleId :

SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
240	100	696633		
120	14.3	8.8	13.2#	
236	26.7	20.8	31.2	

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#76

Benzidine

Concen: 62.82 ng

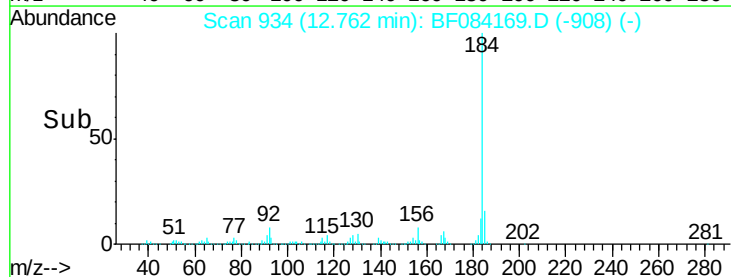
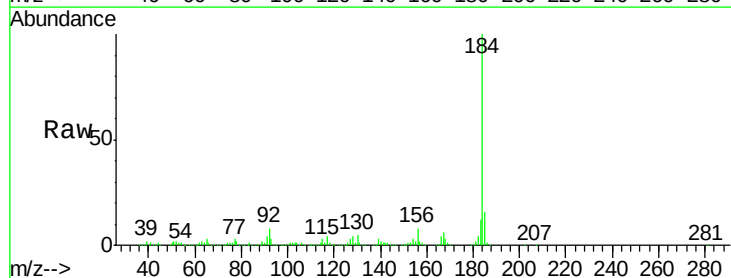
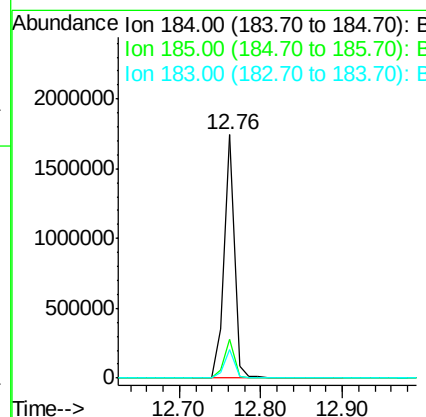
RT: 12.76 min Scan# 934

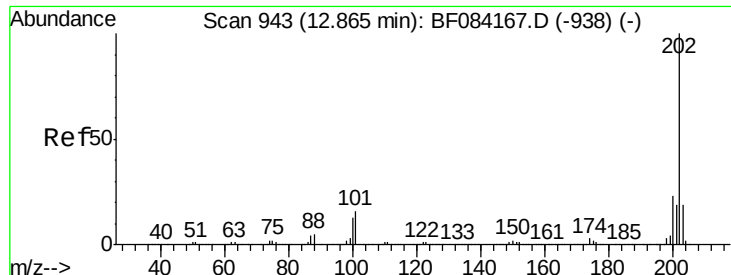
Delta R.T. 0.00 min

Lab File: BF084169.D

Acq: 31 Dec 2015 1:49

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	1526077		
185	16.0	11.9	17.9	
183	11.8	9.5	14.3	





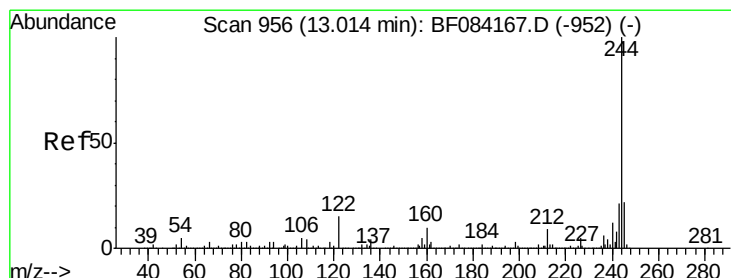
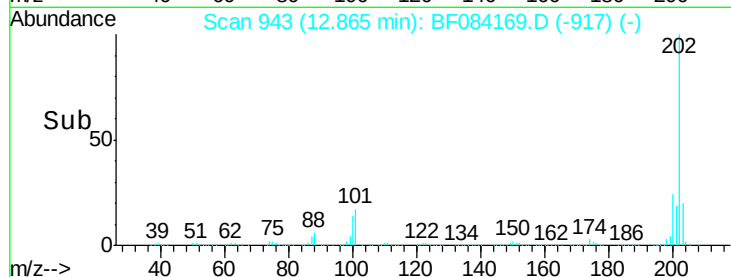
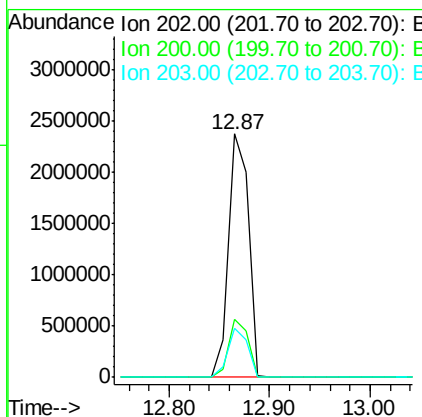
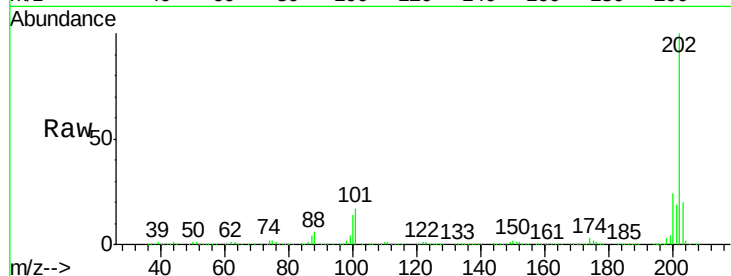
#77
Pvrene
Concen: 56.40 ng
RT: 12.87 min Scan# 943
Delta R.T. 0.00 min
Lab File: BF084169.D
Acq: 31 Dec 2015 1:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.7	18.7	28.1
203	20.1	15.2	22.8

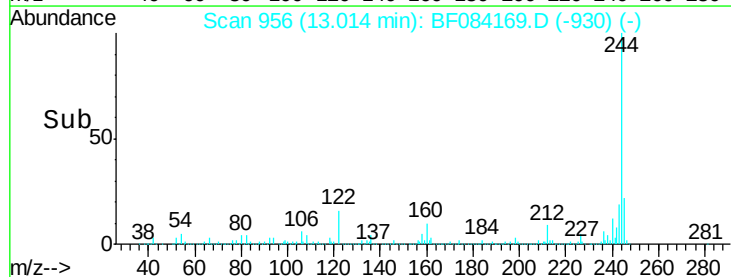
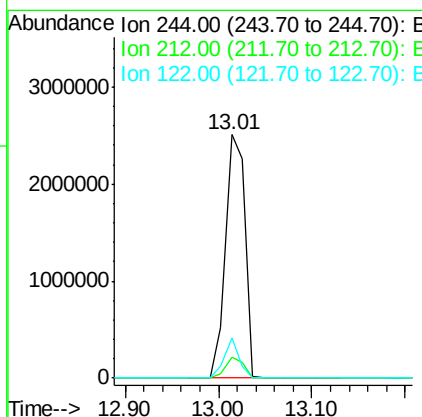
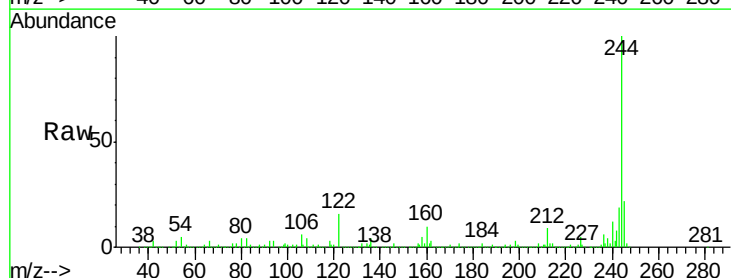
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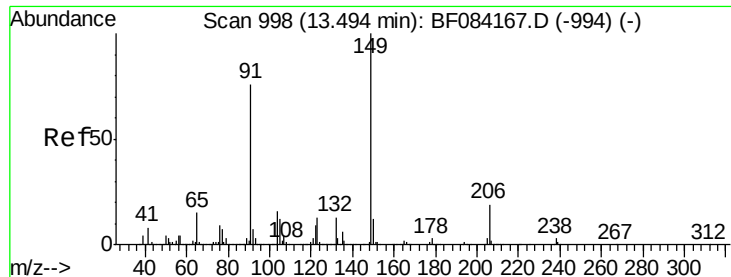
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#78
Terphenyl-d14
Concen: 98.08 ng
RT: 13.01 min Scan# 956
Delta R.T. 0.00 min
Lab File: BF084169.D
Acq: 31 Dec 2015 1:49

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.4
122	16.4	11.9	17.9





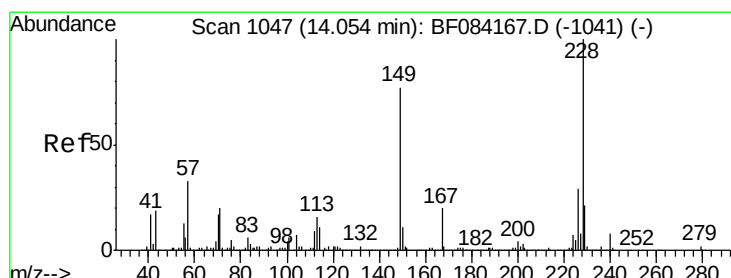
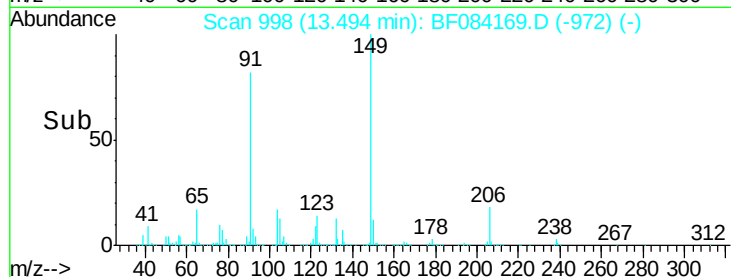
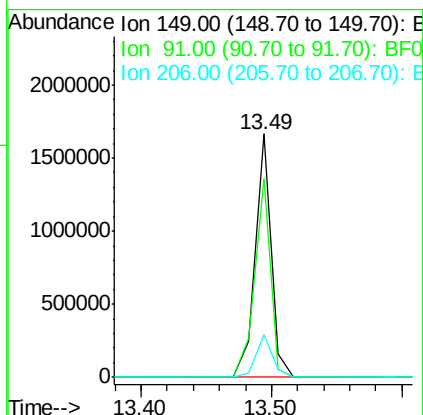
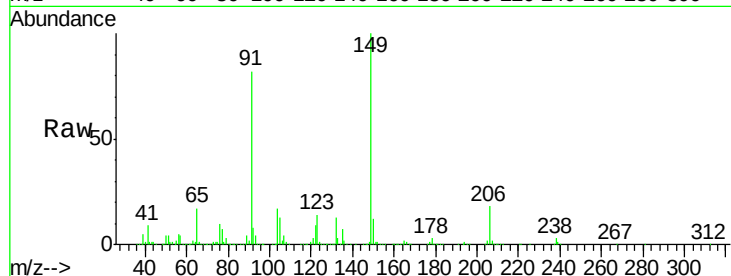
#79
Butylbenzylphthalate
Concen: 57.50 ng
RT: 13.49 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF084169.D
Acq: 31 Dec 2015 1:49

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
149	100		
91	81.7	61.1	91.7
206	17.7	15.3	22.9

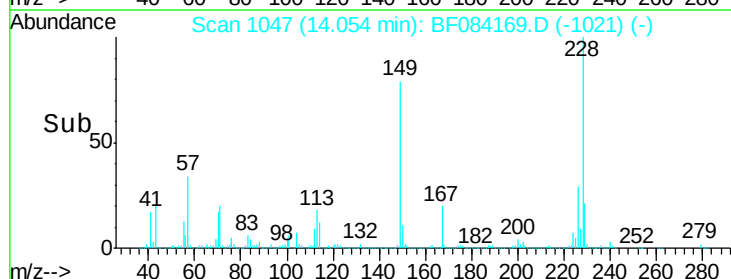
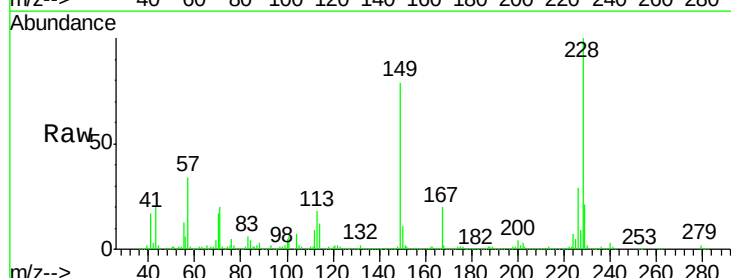
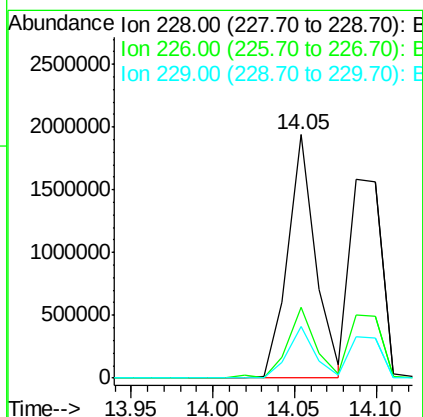
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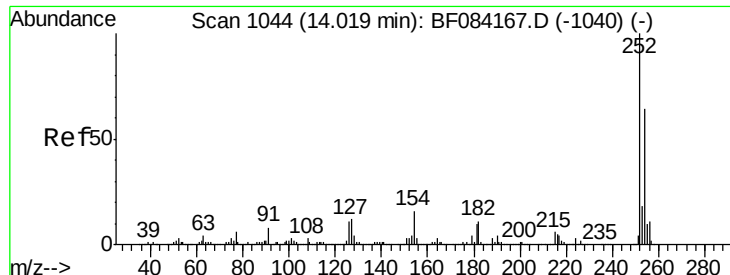
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#80
Benzo(a)anthracene
Concen: 54.36 ng
RT: 14.05 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF084169.D
Acq: 31 Dec 2015 1:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.1	34.7
229	21.3	16.6	25.0





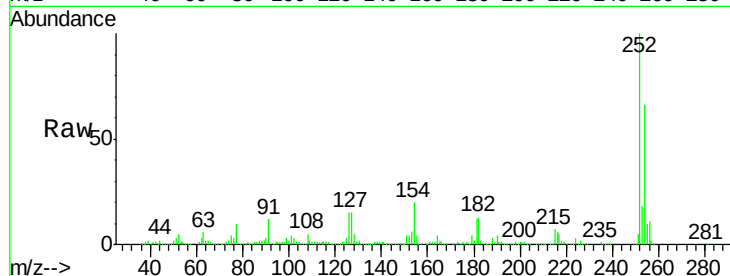
#81
 3,3'-Dichlorobenzidine
 Concen: 63.27 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF084169.D
 Acq: 31 Dec 2015 1:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

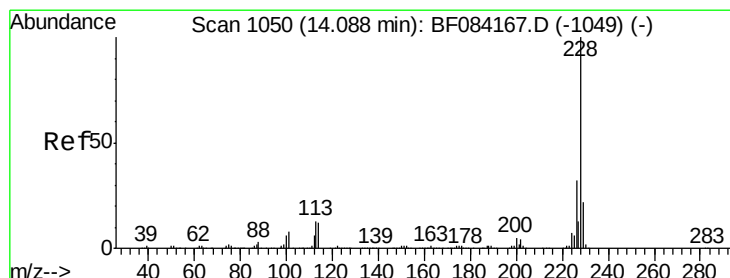
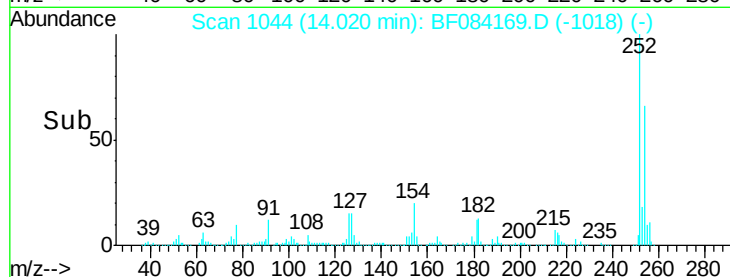
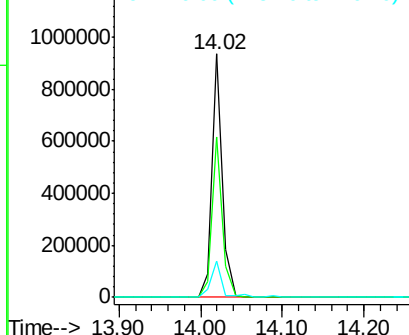
Tot Ion	Ratio	Resp	Lower	Upper
252	100	838013		
254	66.1	51.4	77.0	
126	14.9	9.0	13.6	

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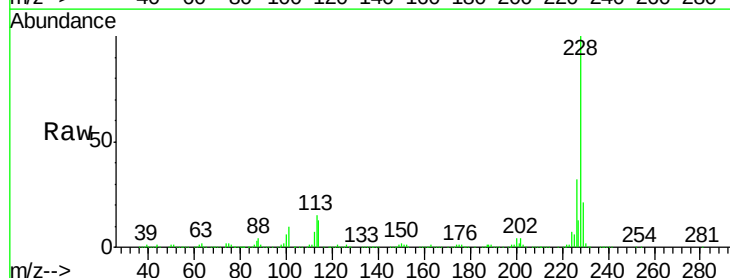


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

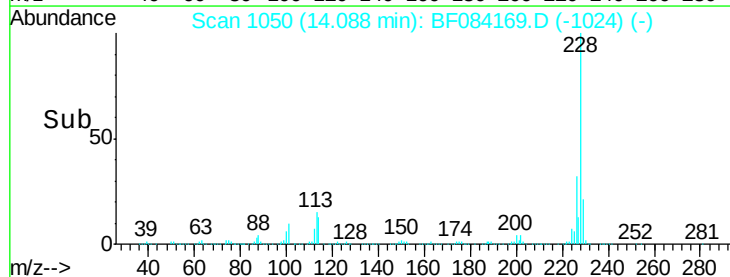
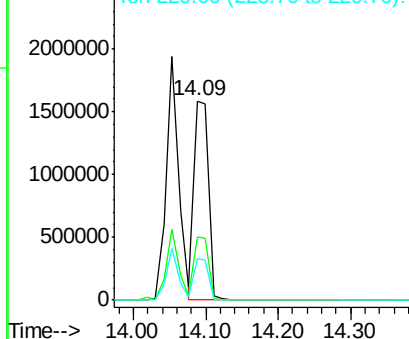


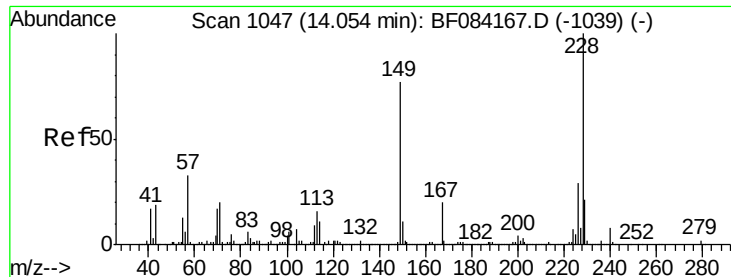
#82
 Chrysene
 Concen: 58.01 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF084169.D
 Acq: 31 Dec 2015 1:49

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	2204905		
226	31.5	25.4	38.2	
229	20.7	17.4	26.2	



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.32 ng

RT: 14.05 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BF084169.D

Acq: 31 Dec 2015 1:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:149 Resp: 1629696

Ion Ratio Lower Upper

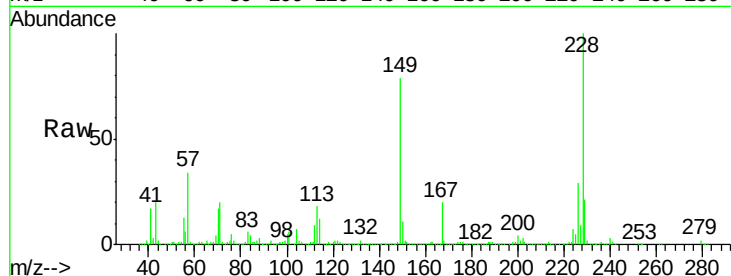
149 100

167 25.1 20.6 30.8

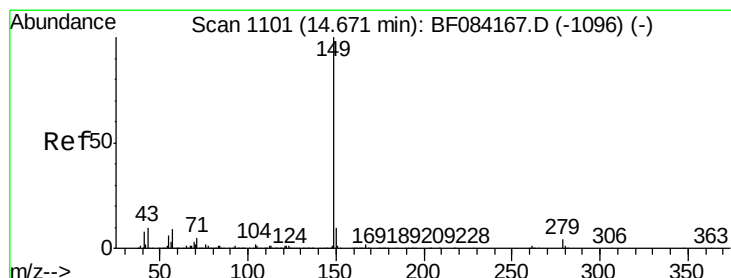
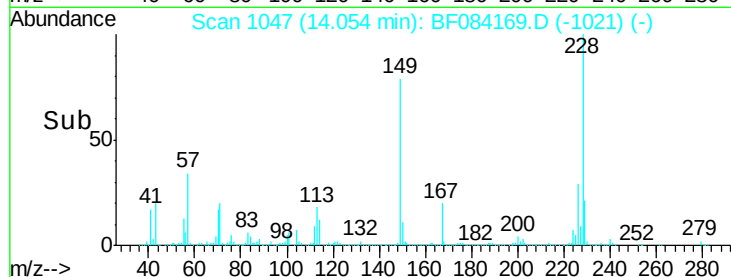
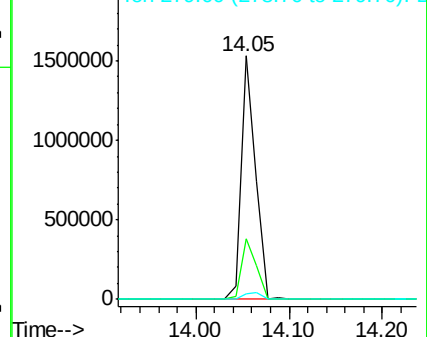
279 2.0 1.6 2.4

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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: 61.64 ng

RT: 14.67 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BF084169.D

Acq: 31 Dec 2015 1:49

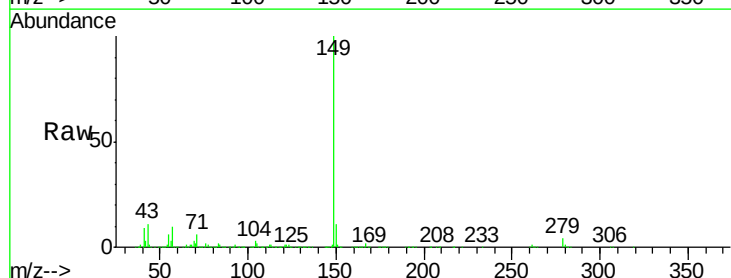
Tgt Ion:149 Resp: 2767639

Ion Ratio Lower Upper

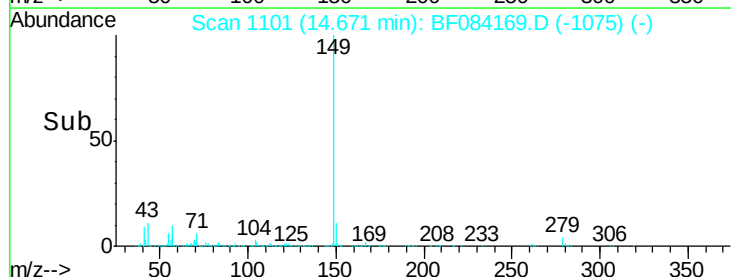
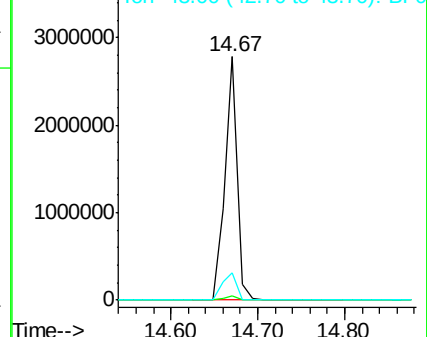
149 100

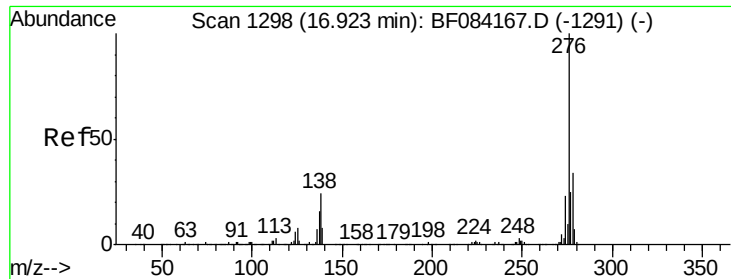
167 1.6 1.3 1.9

43 13.4 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





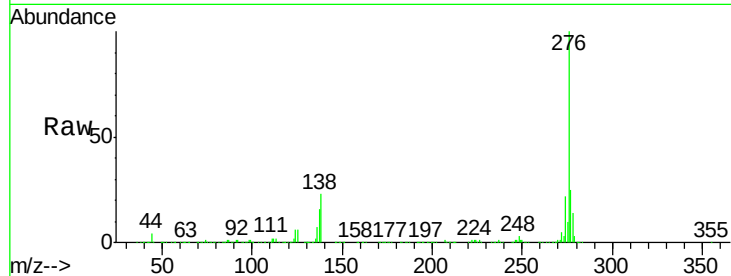
#85
Indeno(1,2,3-cd)pyrene
Concen: 55.80 ng
RT: 16.92 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF084169.D
Acq: 31 Dec 2015 1:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

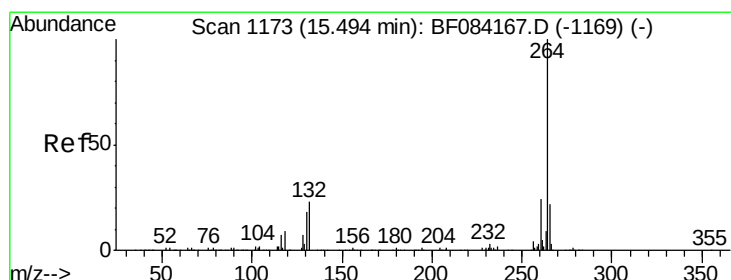
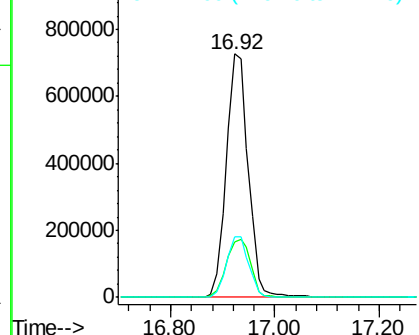
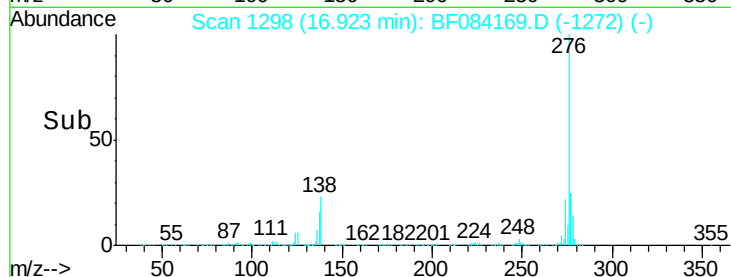
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.5	21.8	32.6
277	25.4	19.7	29.5

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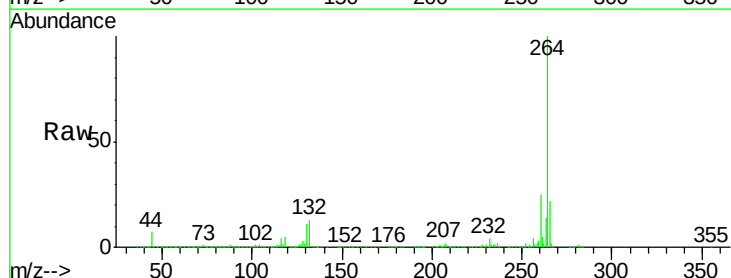


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

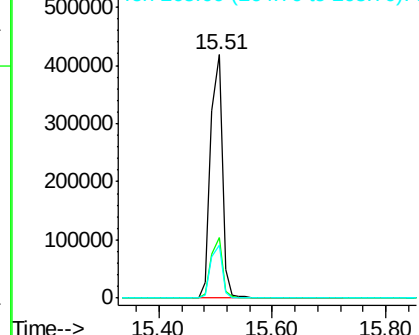
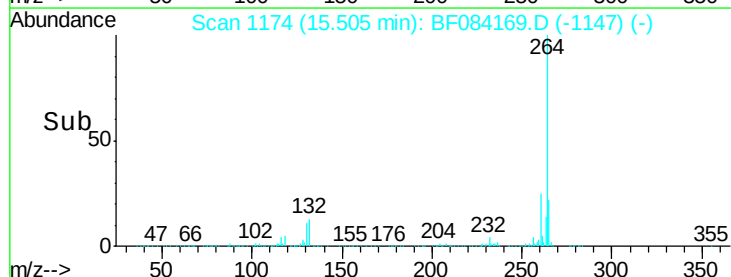


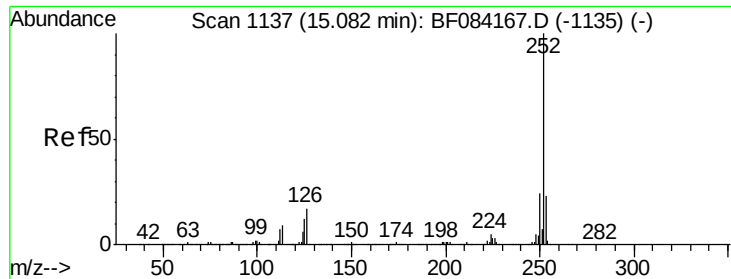
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.01 min
Lab File: BF084169.D
Acq: 31 Dec 2015 1:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.9	28.3
265	21.9	18.0	27.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





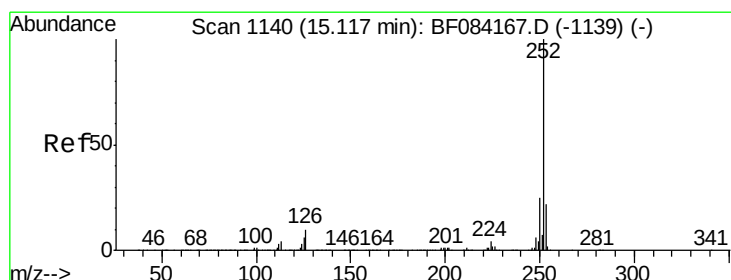
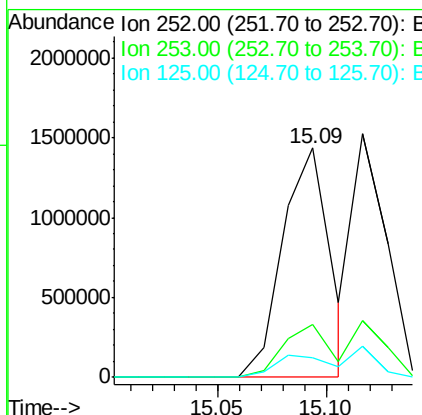
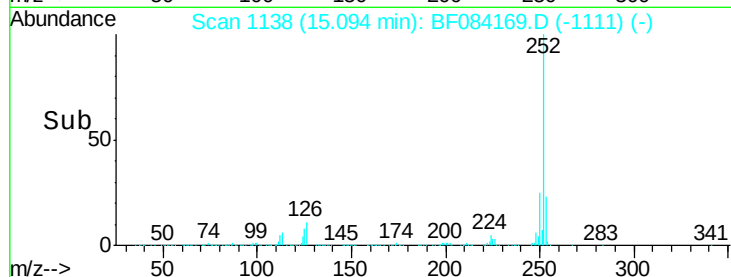
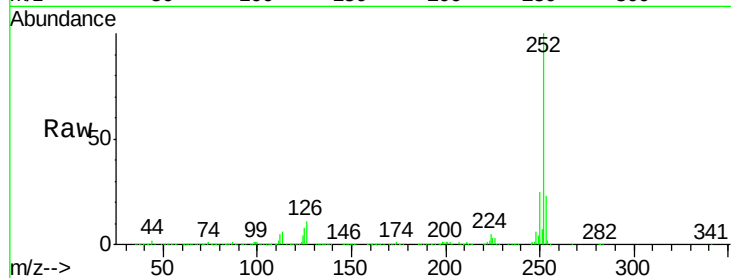
#87
Benzo(b)fluoranthene
Concen: 51.08 ng
RT: 15.09 min Scan# 1138
Delta R.T. 0.01 min
Lab File: BF084169.D
Acq: 31 Dec 2015 1:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion:252 Resp: 2175038
Ion Ratio Lower Upper
252 100
253 23.1 18.2 27.4
125 8.3 9.8 14.6#

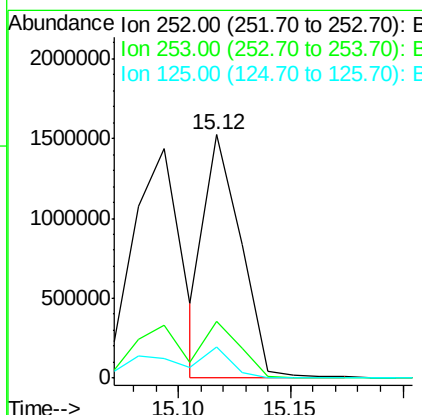
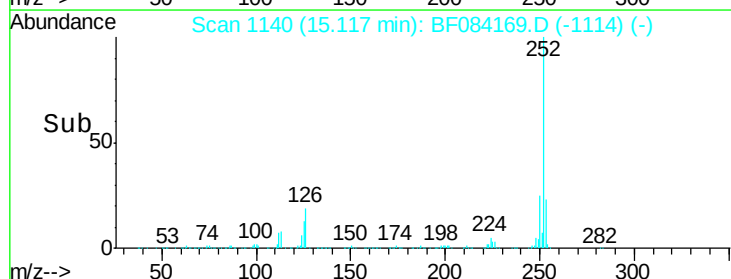
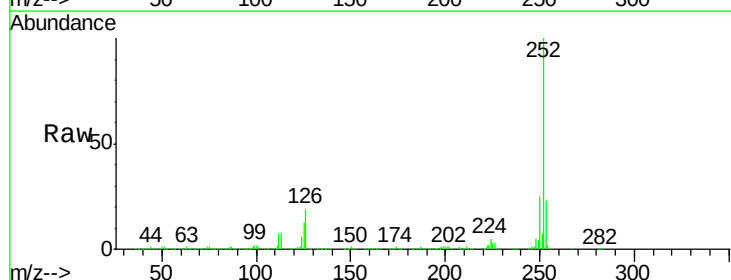
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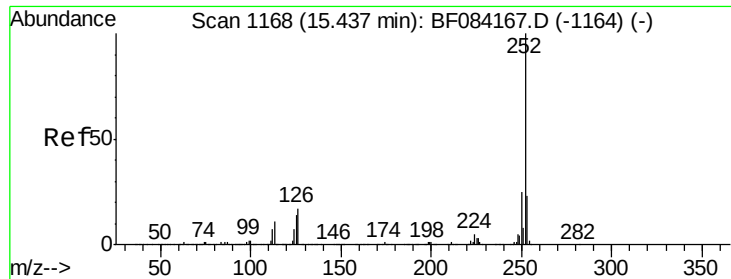
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#88
Benzo(k)fluoranthene
Concen: 58.15 ng m
RT: 15.12 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF084169.D
Acq: 31 Dec 2015 1:49

Tgt Ion:252 Resp: 1671106
Ion Ratio Lower Upper
252 100
253 23.3 17.9 26.9
125 12.9 8.2 12.2#





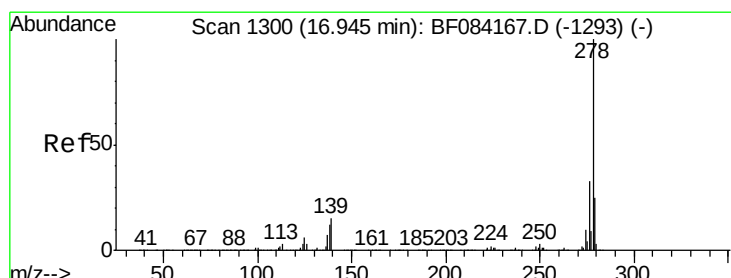
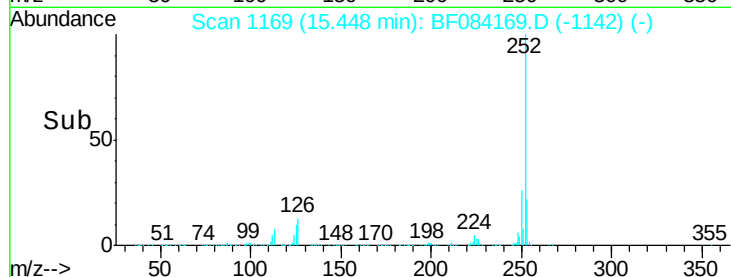
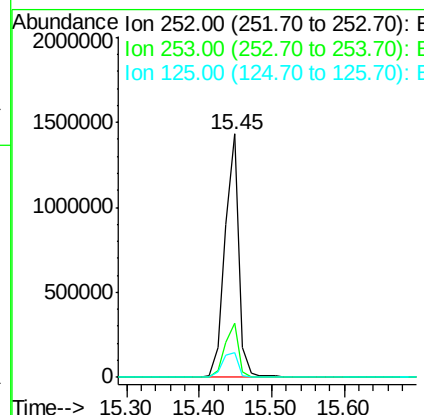
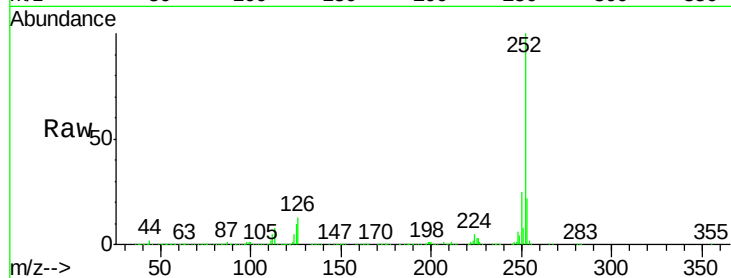
#89
Benzo(a)pyrene
Concen: 54.27 ng
RT: 15.45 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BF084169.D
Acq: 31 Dec 2015 1:49

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	10.2	11.1	16.7

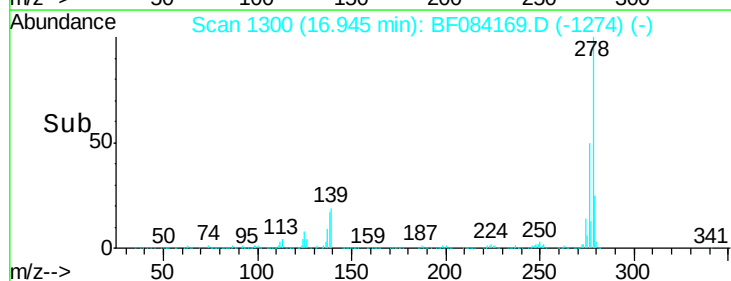
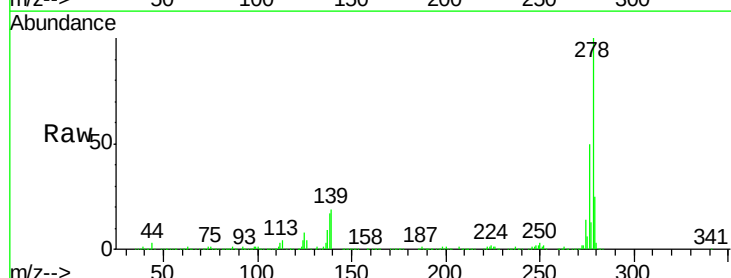
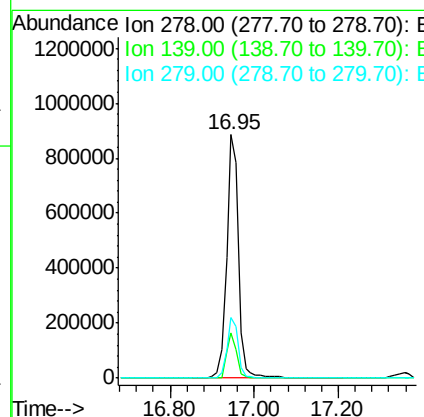
Manual Integrations
APPROVED

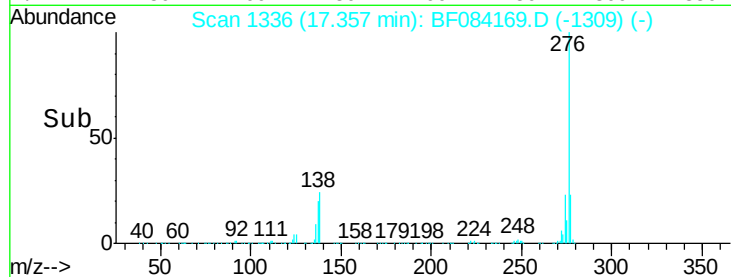
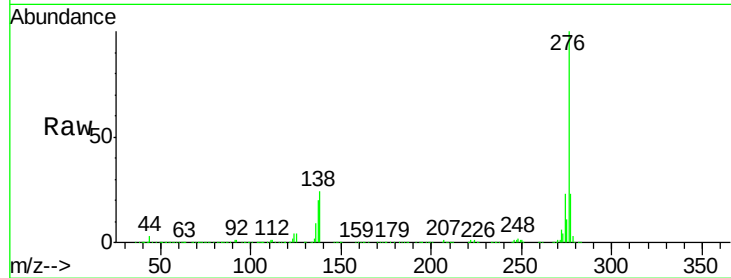
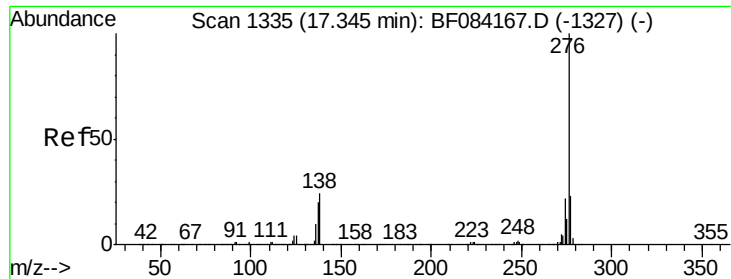
Sohil
12/31/2015 6:41:25 PM



#90
Dibenzo(a,h)anthracene
Concen: 52.30 ng
RT: 16.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF084169.D
Acq: 31 Dec 2015 1:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.5	11.9	17.9
279	24.6	19.7	29.5





#91

Benzo(a,h,i)perylene

Concen: 52.89 ng

RT: 17.36 min Scan# 1336

Delta R.T. 0.01 min

Lab File: BF084169.D

Acq: 31 Dec 2015 1:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion: 276 Resp: 1803029

Ion Ratio Lower Upper

276 100

277 23.3 18.7 28.1

138 23.6 19.4 29.2

Manual Integrations
APPROVED

Sohil
12/31/2015 6:41:25 PM

