

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
 Data File : BF084187.D
 Acq On : 31 Dec 2015 10:42
 Operator : UM/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

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 1/4/2016 4:28:31 PM

Quant Time: Dec 31 13:13:14 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 11:25:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	353763	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1461825	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	700589	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	1247663	20.00	ng	0.00
75) Chrysene-d12	14.07	240	972193	20.00	ng	0.00
86) Perylene-d12	15.51	264	768261	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1646248	36.08	ng	0.00
7) Phenol-d6	6.53	99	2222852	38.40	ng	0.00
23) Nitrobenzene-d5	7.47	82	2055482	38.46	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	602889	39.72	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	3266179	32.83	ng	0.00
78) Terphenyl-d14	13.01	244	3000900	34.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	434082	41.64	ng	# 74
3) Pyridine	3.28	79	1257226	50.03	ng	# 74
4) n-Nitrosodimethylamine	3.23	42	629875	45.16	ng	# 76
6) Aniline	6.57	93	1659555	39.36	ng	# 81
8) 2-Chlorophenol	6.68	128	979453	37.83	ng	82
9) Benzaldehyde	6.45	77	713789	34.78	ng	91
10) Phenol	6.54	94	1350449	40.38	ng	93
11) bis(2-Chloroethyl)ether	6.64	93	930975	37.54	ng	# 77
12) 1,3-Dichlorobenzene	6.84	146	997910m	37.04	ng	
13) 1,4-Dichlorobenzene	6.92	146	1078564	38.89	ng	96
14) 1,2-Dichlorobenzene	7.08	146	922966m	33.86	ng	
15) Benzyl Alcohol	7.05	79	973573	39.27	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.18	45	1719625	37.03	ng	84
17) 2-Methylphenol	7.16	107	891275	41.18	ng	98
18) Hexachloroethane	7.42	117	426500	41.06	ng	# 85
19) n-Nitroso-di-n-propylamine	7.32	70	725675	38.08	ng	# 65
20) 3+4-Methylphenols	7.31	107	919417	35.13	ng	# 74
22) Acetophenone	7.32	105	1503606	40.35	ng	# 99
24) Nitrobenzene	7.49	77	1183608	43.42	ng	93
25) Isophorone	7.73	82	2018037	39.30	ng	99
26) 2-Nitrophenol	7.80	139	476673	41.48	ng	# 76
27) 2,4-Dimethylphenol	7.85	122	1046432	40.90	ng	93
28) bis(2-Chloroethoxy)methane	7.94	93	1139951	36.45	ng	99
29) 2,4-Dichlorophenol	8.04	162	802199	38.83	ng	95
30) 1,2,4-Trichlorobenzene	8.13	180	878720	39.82	ng	96
31) Naphthalene	8.21	128	2632818m	36.38	ng	
32) Benzoic acid	7.96	122	607022m	56.11	ng	
33) 4-Chloroaniline	8.26	127	1180363	37.22	ng	97
34) Hexachlorobutadiene	8.34	225	486994	39.99	ng	99
35) Caprolactam	8.65	113	311378	44.50	ng	# 74
36) 4-Chloro-3-methylphenol	8.74	107	874758	37.36	ng	93
37) 2-Methylnaphthalene	8.90	142	1833047	36.71	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	808937	36.47	ng	97
40) Hexachlorocyclopentadiene	9.06	237	498380	40.36	ng	96

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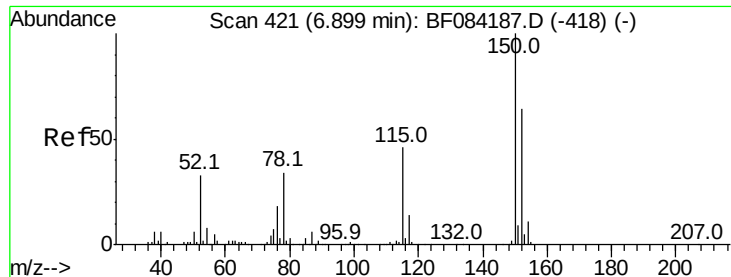
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	588839	36.79	nq	93
43) 2,4,5-Trichlorophenol	9.22	196	598624	39.85	nq #	89
45) 1,1'-Biphenyl	9.37	154	2079324	32.54	nq	98
46) 2-Chloronaphthalene	9.39	162	1580190	33.48	nq	97
47) 2-Nitroaniline	9.48	65	556115	40.16	nq	94
48) Acenaphthylene	9.81	152	2713430	35.84	nq	96
49) Dimethylphthalate	9.68	163	2087593	38.50	nq #	90
50) 2,6-Dinitrotoluene	9.73	165	487425	43.21	nq #	72
51) Acenaphthene	9.98	154	1865640	37.72	nq	97
52) 3-Nitroaniline	9.90	138	591295	42.49	nq #	69
53) 2,4-Dinitrophenol	10.00	184	186677m	62.65	nq	
54) Dibenzofuran	10.16	168	2448424	36.00	nq	95
55) 4-Nitrophenol	10.05	139	475066	30.15	nq #	87
56) 2,4-Dinitrotoluene	10.13	165	650816	46.43	nq	98
57) Fluorene	10.50	166	1848464	35.32	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	522787	40.43	nq	91
59) Diethylphthalate	10.37	149	2025364	35.73	nq	96
60) 4-Chlorophenyl-phenylether	10.49	204	786545	33.44	nq	93
61) 4-Nitroaniline	10.51	138	474792	40.29	nq	92
62) Azobenzene	10.65	77	2208268	37.52	nq	88
64) 4,6-Dinitro-2-methylphenol	10.53	198	284202	52.51	nq #	46
65) n-Nitrosodiphenylamine	10.60	169	1613628	37.93	nq	99
66) 4-Bromophenyl-phenylether	10.98	248	574106	39.78	nq #	87
67) Hexachlorobenzene	11.04	284	573897	35.84	nq #	76
68) Atrazine	11.14	200	590945	41.81	nq	95
69) Pentachlorophenol	11.23	266	359015	52.38	nq	99
70) Phenanthrene	11.46	178	2856582	37.16	nq	96
71) Anthracene	11.50	178	2472758	33.60	nq	96
72) Carbazole	11.66	167	2624160	38.60	nq	97
73) Di-n-butylphthalate	12.00	149	2850958	35.09	nq #	94
74) Fluoranthene	12.64	202	2631218	35.57	nq	97
76) Benzidine	12.76	184	1413922	37.68	nq	99
77) Pyrene	12.86	202	2699915	36.14	nq	96
79) Butylbenzylphthalate	13.49	149	1350601	41.51	nq	94
80) Benzo(a)anthracene	14.05	228	2161060	36.46	nq	97
81) 3,3'-Dichlorobenzidine	14.02	252	809200	40.95	nq #	96
82) Chrysene	14.10	228	2165576	40.19	nq	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	1601305	37.26	nq	97
84) Di-n-octyl phthalate	14.67	149	2970761	41.90	nq #	86
85) Indeno(1,2,3-cd)pyrene	16.92	276	1707449	41.32	nq	99
87) Benzo(b)fluoranthene	15.09	252	2101969	39.23	nq	98
88) Benzo(k)fluoranthene	15.12	252	1633726m	36.15	nq	
89) Benzo(a)pyrene	15.45	252	1776841	40.24	nq	98
90) Dibenzo(a,h)anthracene	16.95	278	1402322	38.91	nq	98
91) Benzo(g,h,i)perylene	17.36	276	1418403	38.87	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.00 min

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SSTDICCC040

Tot Ion:152 Resp: 353763

Ion Ratio Lower Upper

152 100

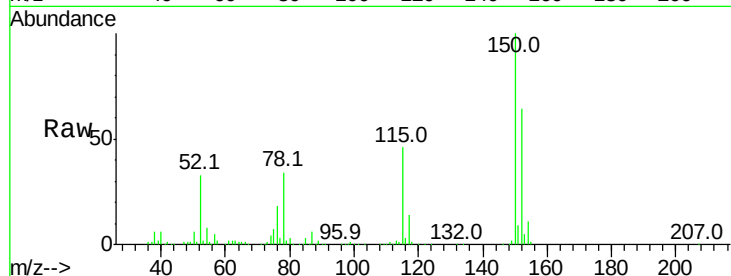
150 157.4 123.0 184.4

115 73.0 51.4 77.2

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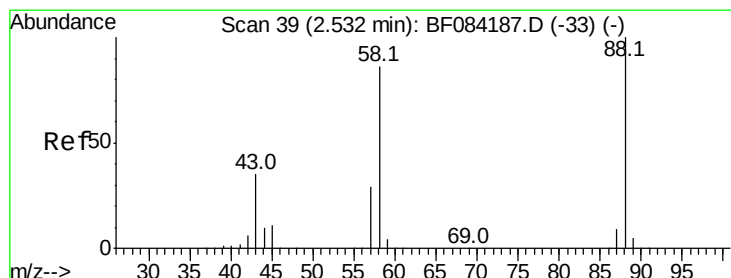
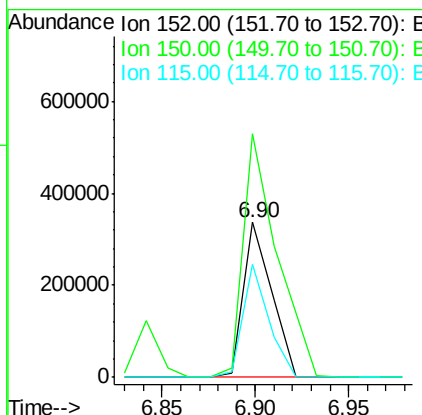
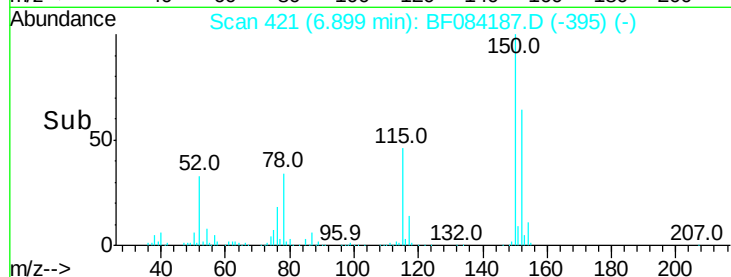
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.64 ng

RT: 2.53 min Scan# 39

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

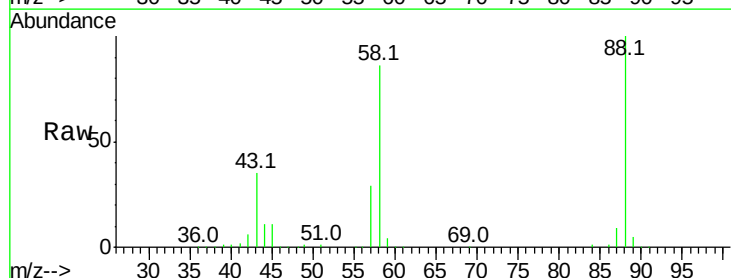
Tgt Ion: 88 Resp: 434082

Ion Ratio Lower Upper

88 100

58 86.2 51.2 76.8#

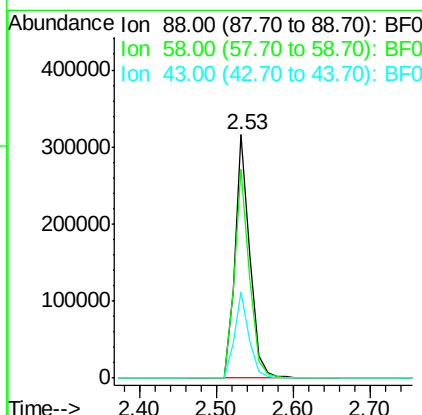
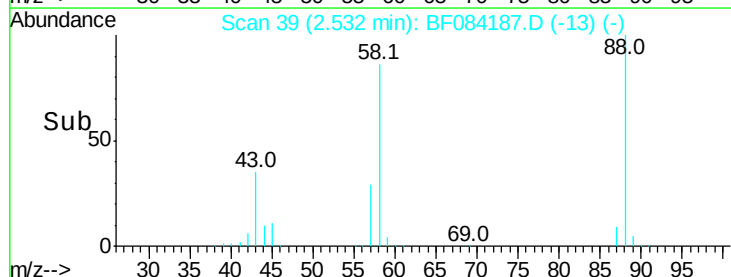
43 35.0 19.5 29.3#

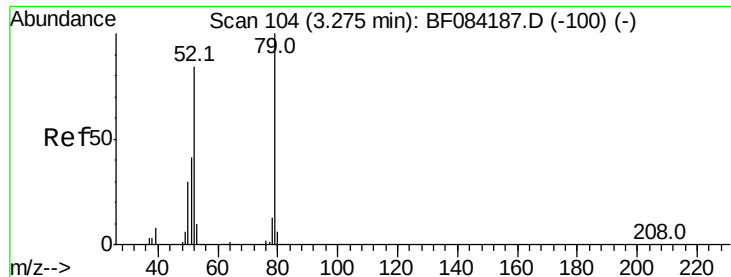


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 50.03 ng

RT: 3.28 min Scan# 104

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 79 Resp: 1257226

Ion Ratio Lower Upper

79 100

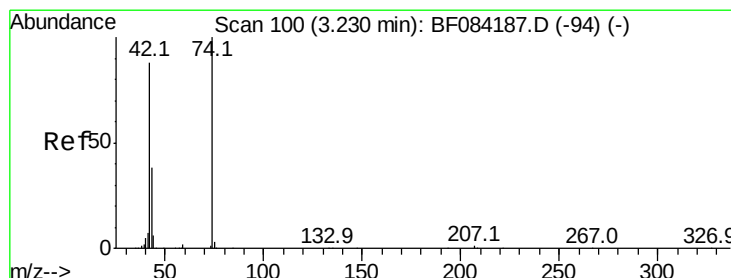
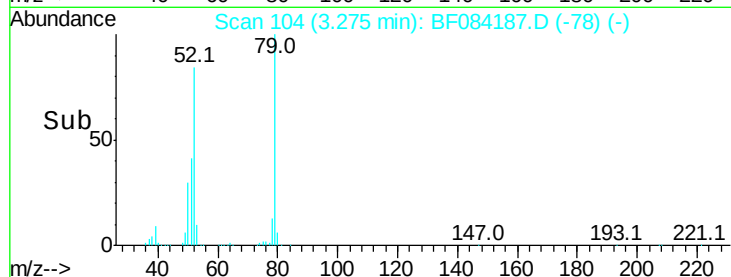
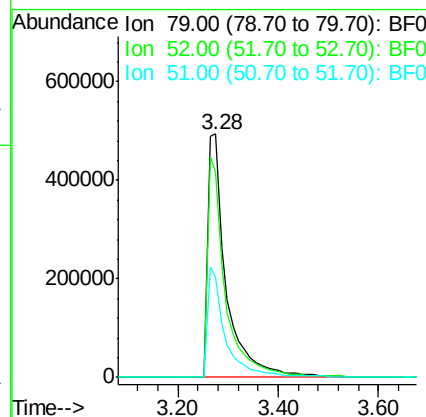
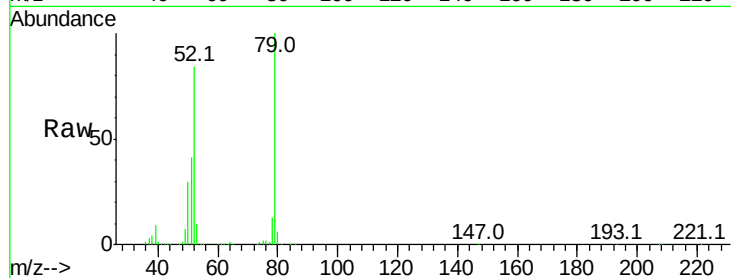
52 84.2 49.0 73.4#

51 41.0 25.2 37.8#

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#4

n-Nitrosodimethylamine

Concen: 45.16 ng

RT: 3.23 min Scan# 100

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

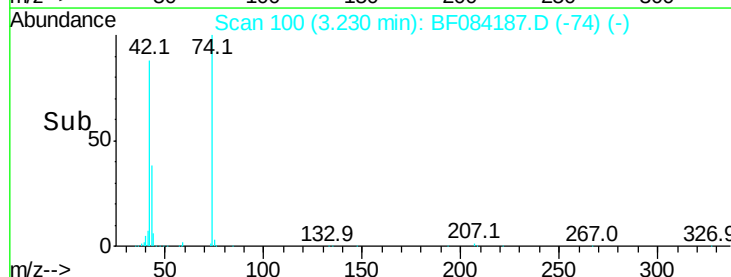
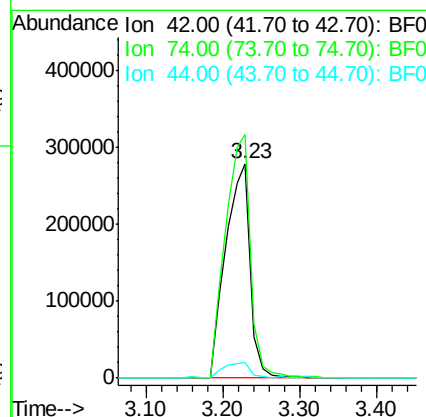
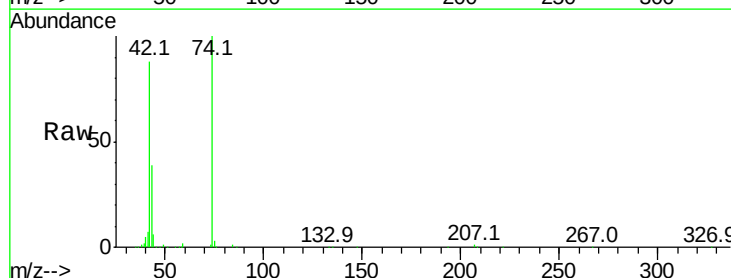
Tgt Ion: 42 Resp: 629875

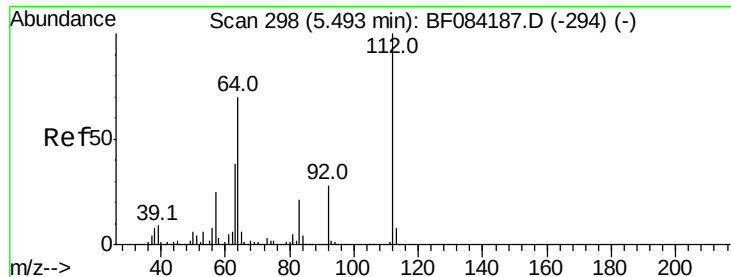
Ion Ratio Lower Upper

42 100

74 113.5 115.7 173.5#

44 7.3 5.1 7.7





#5

2-Fluorophenol

Concen: 36.08 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

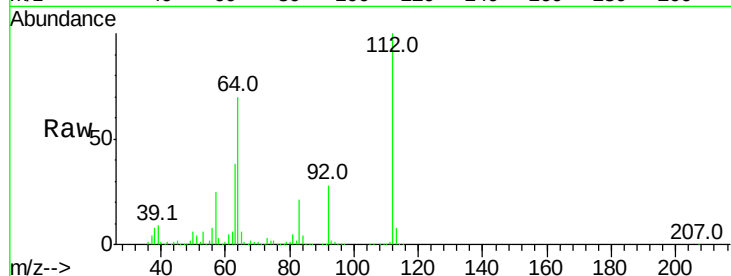
Tot Ion:112 Resp: 1646248

Ion	Ratio	Lower	Upper
112	100		
64	70.0	36.6	55.0#
63	38.1	19.4	29.0#

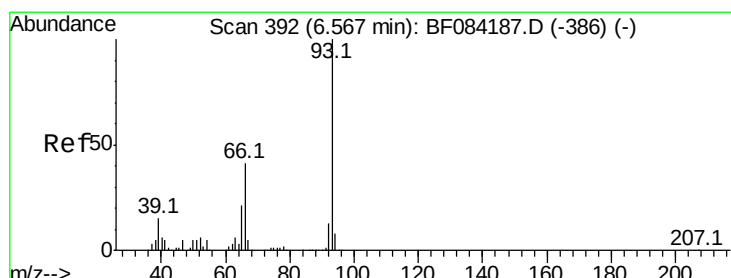
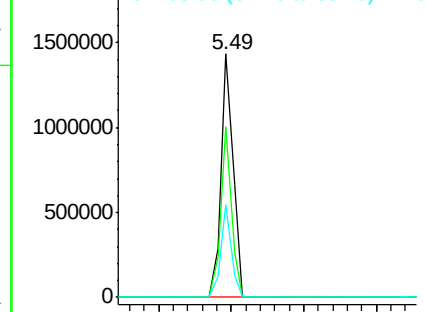
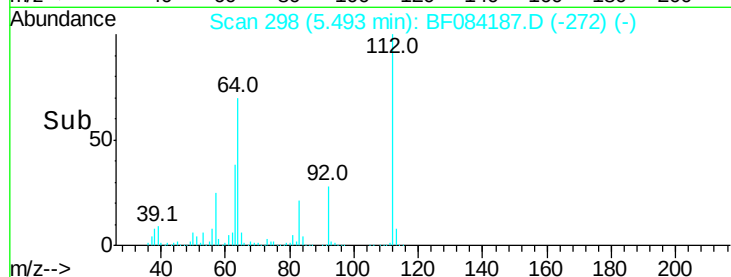
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Abundance Ion 112.00 (111.70 to 112.70): BF0



#6

Aniline

Concen: 39.36 ng

RT: 6.57 min Scan# 392

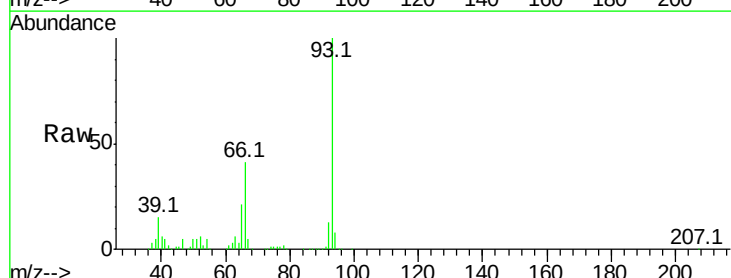
Delta R.T. 0.00 min

Lab File: BF084187.D

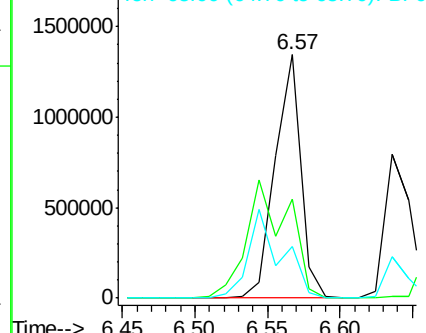
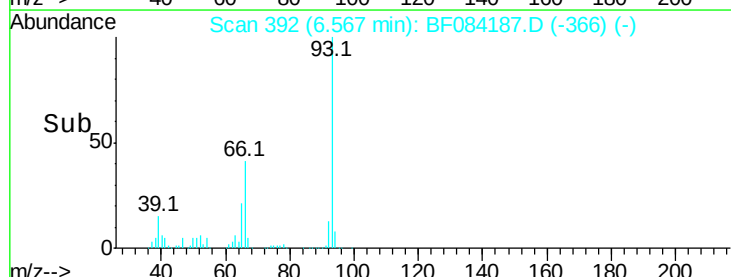
Acq: 31 Dec 2015 10:42

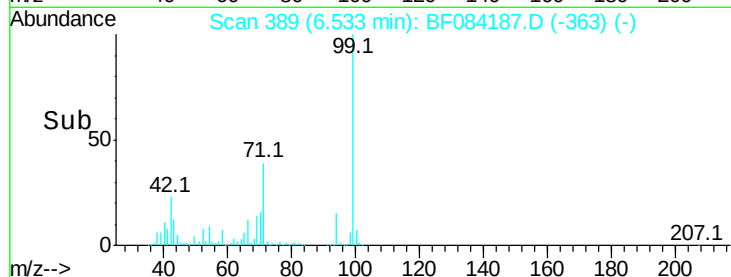
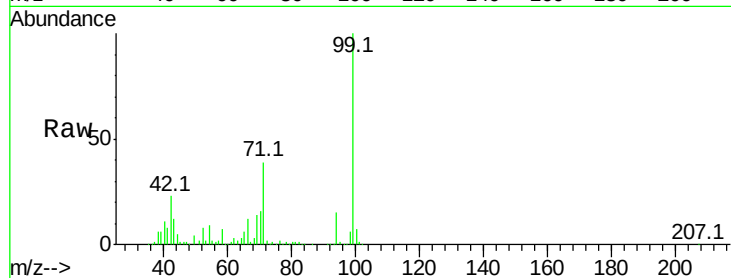
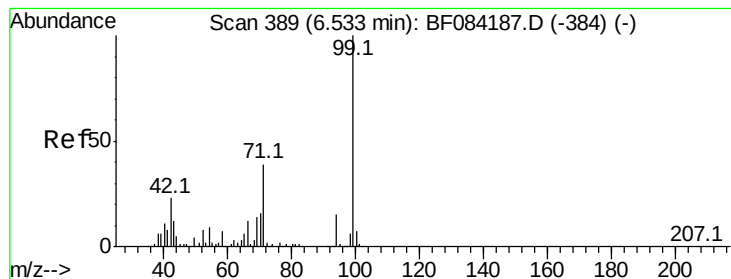
Tgt Ion: 93 Resp: 1659555

Ion	Ratio	Lower	Upper
93	100		
66	40.8	44.9	67.3#
65	21.0	23.7	35.5#



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 38.40 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Tot Ion:	99	Resp:	2222852
Ion	Ratio	Lower	Upper
99	100		
42	23.1	12.8	19.2#
71	38.7	30.9	46.3

Instrument :

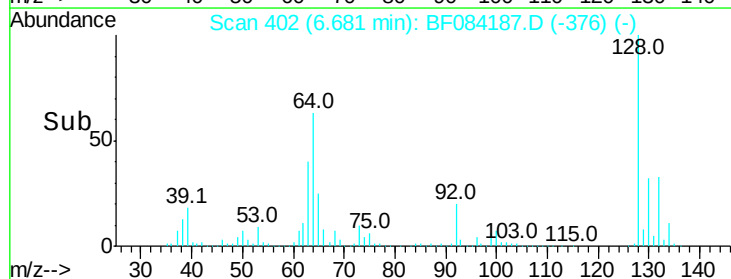
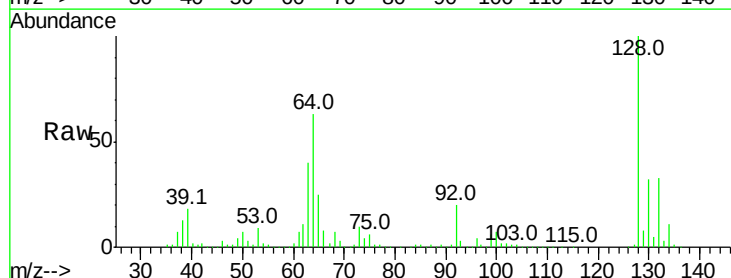
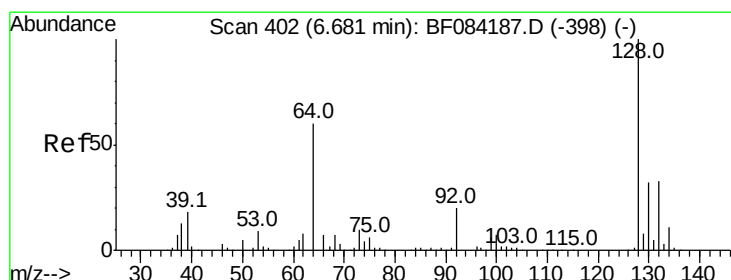
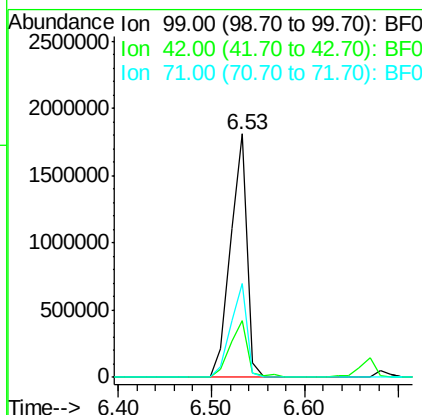
BNA_F

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SSTDICCC040

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#8

2-Chlorophenol

Concen: 37.83 ng

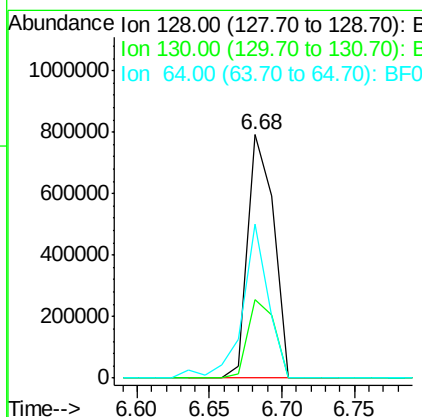
RT: 6.68 min Scan# 402

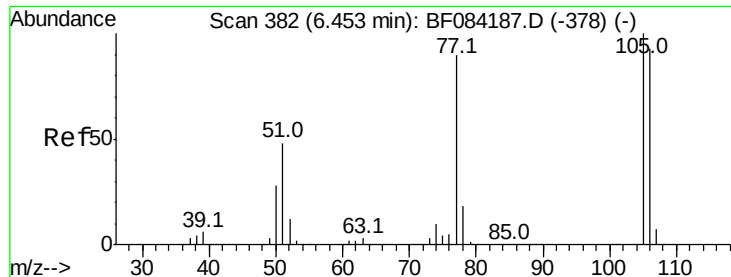
Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Tgt Ion:	128	Resp:	979453
Ion	Ratio	Lower	Upper
128	100		
130	32.2	11.6	51.6
64	63.3	23.8	63.8





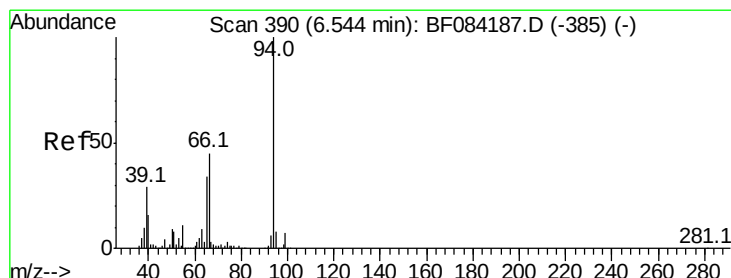
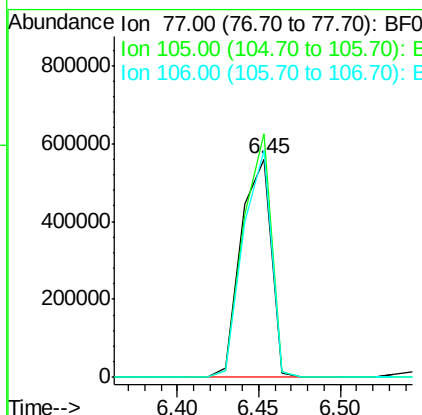
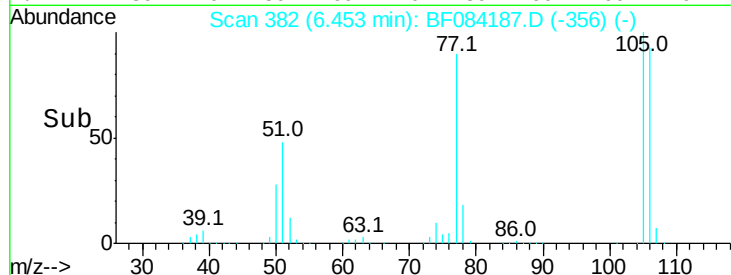
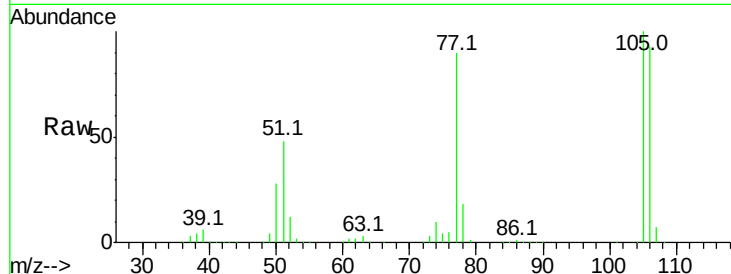
#9
Benzaldehyde
Concen: 34.78 ng
RT: 6.45 min Scan# 382
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	111.4	83.0	123.0	
106	104.1	74.6	114.6	

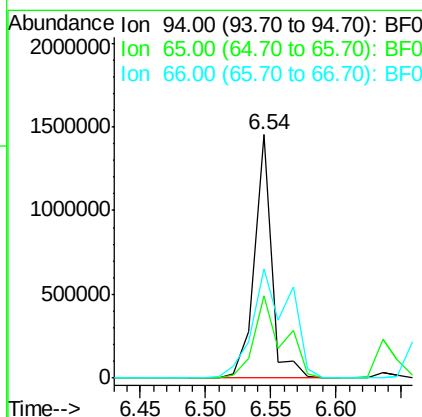
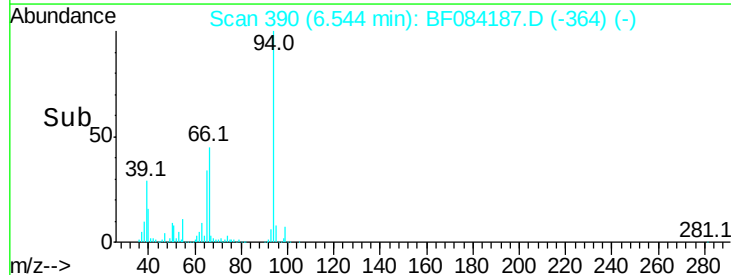
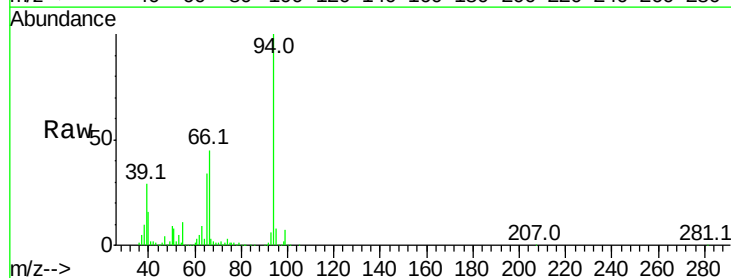
Manual Integrations
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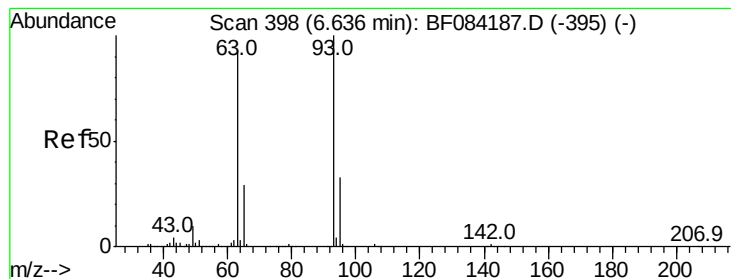
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#10
Phenol
Concen: 40.38 ng
RT: 6.54 min Scan# 390
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	33.7	12.9	52.9	
66	44.8	32.7	72.7	





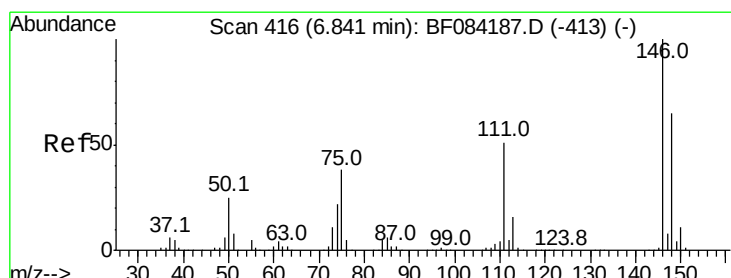
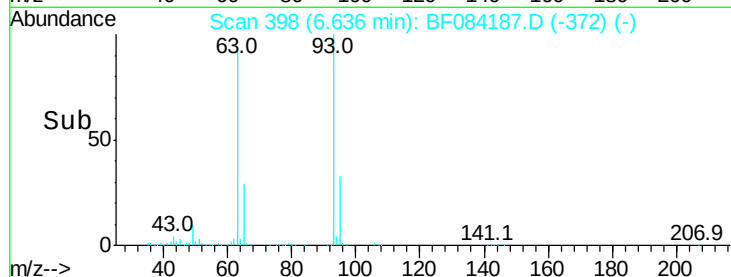
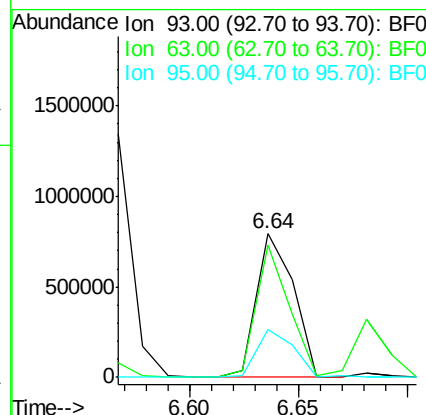
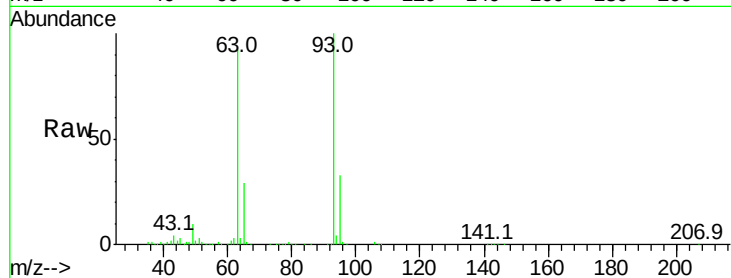
#11
bis(2-Chloroethyl)ether
Concen: 37.54 ng
RT: 6.64 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	92.4	45.9	85.9#	
95	33.3	12.3	52.3	

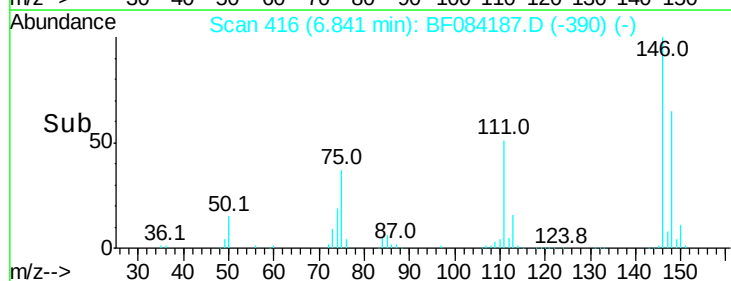
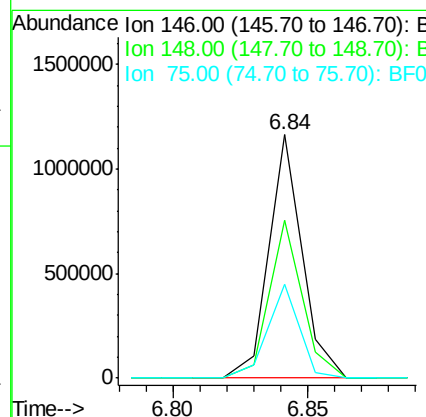
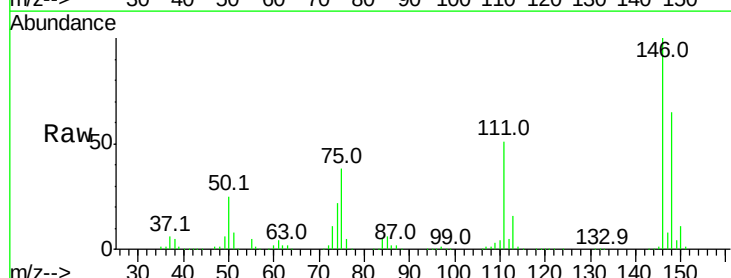
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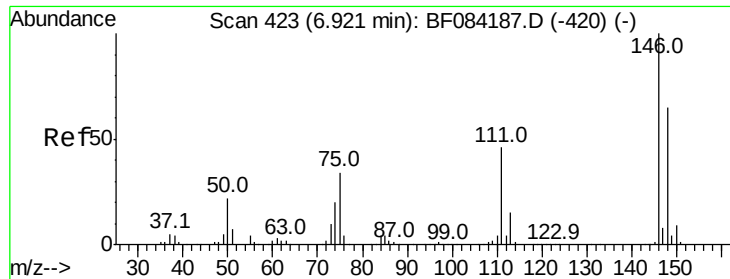
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#12
1,3-Dichlorobenzene
Concen: 37.04 ng m
RT: 6.84 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	65.0	51.9	77.9	
75	38.4	20.5	30.7#	





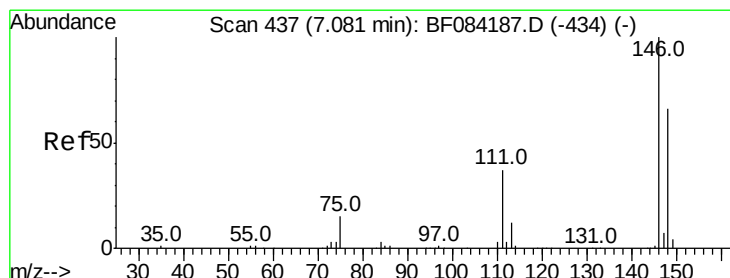
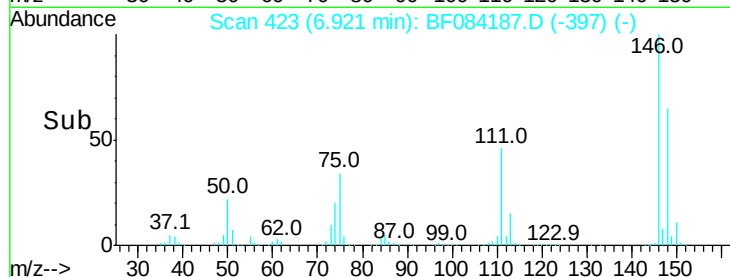
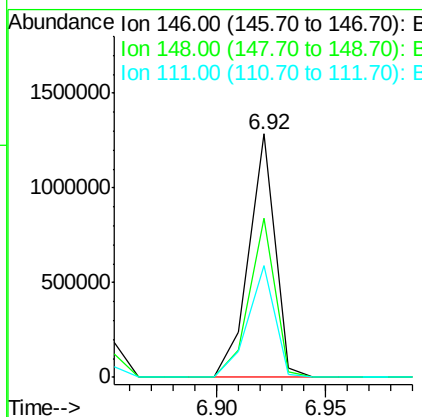
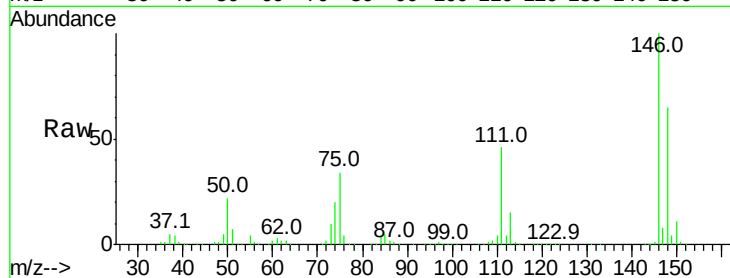
#13
 1,4-Dichlorobenzene
 Concen: 38.89 ng
 RT: 6.92 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: BF084187.D
 Acq: 31 Dec 2015 10:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.9	77.9
111	46.0	41.6	62.4

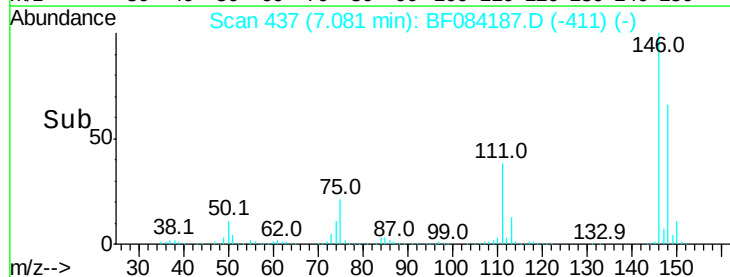
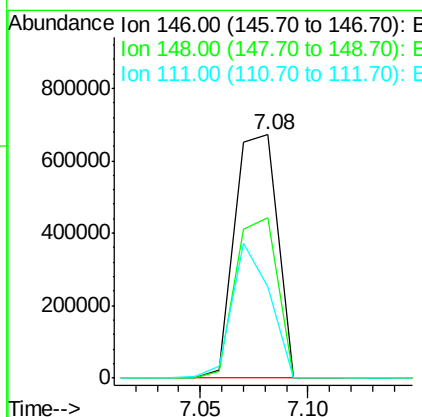
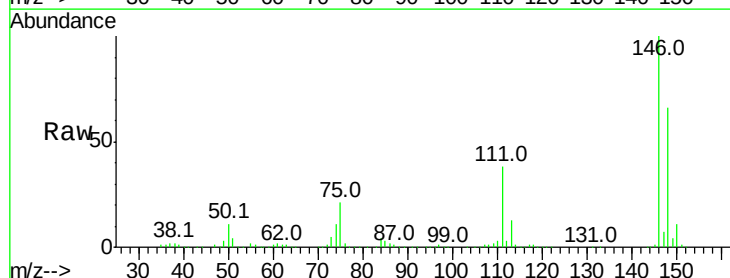
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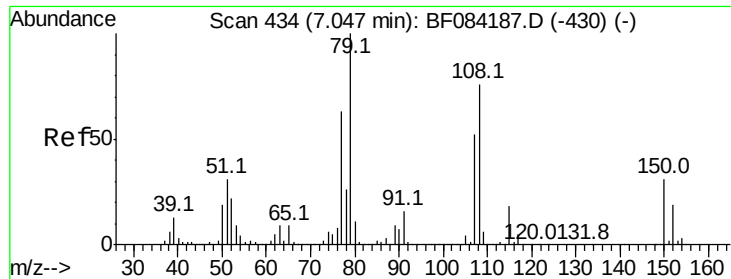
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#14
 1,2-Dichlorobenzene
 Concen: 33.86 ng m
 RT: 7.08 min Scan# 437
 Delta R.T. 0.00 min
 Lab File: BF084187.D
 Acq: 31 Dec 2015 10:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.6	77.4
111	37.5	38.0	57.0#





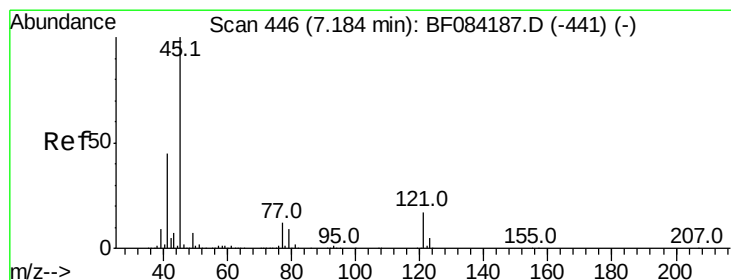
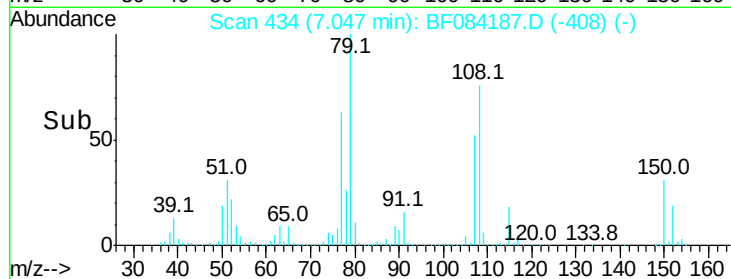
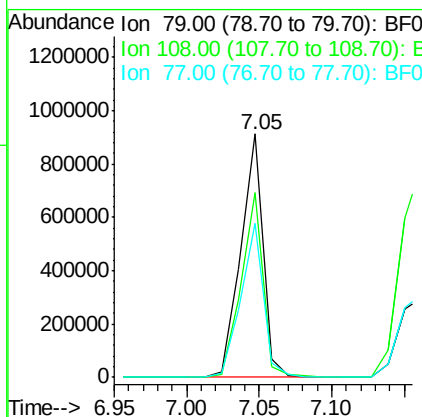
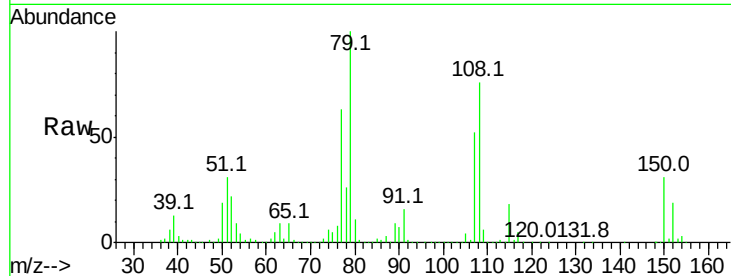
#15
Benzyl Alcohol
Concen: 39.27 ng
RT: 7.05 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion: 79 Resp: 973573
Ion Ratio Lower Upper
79 100
108 75.8 69.0 103.4
77 63.5 50.0 75.0

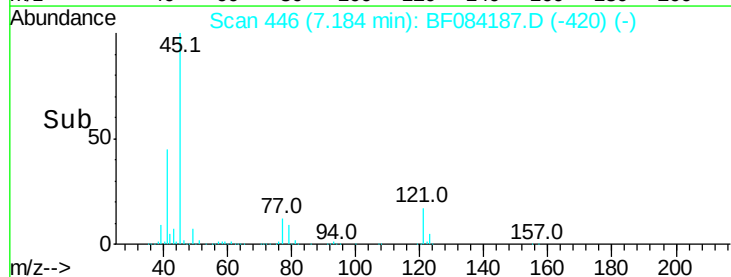
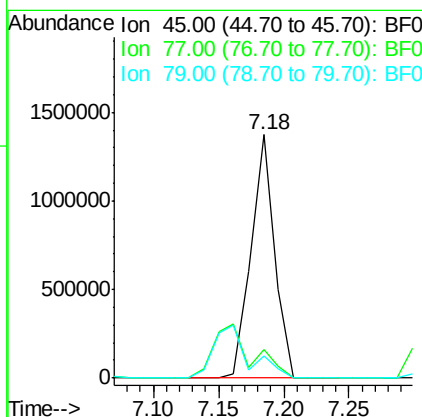
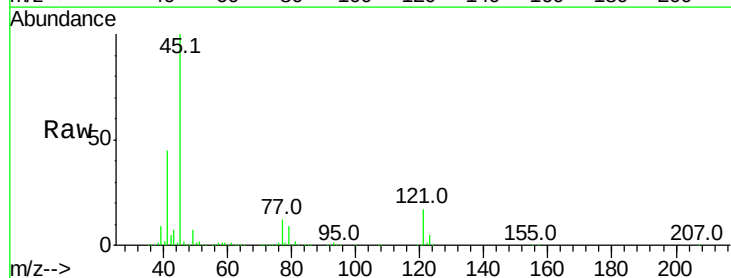
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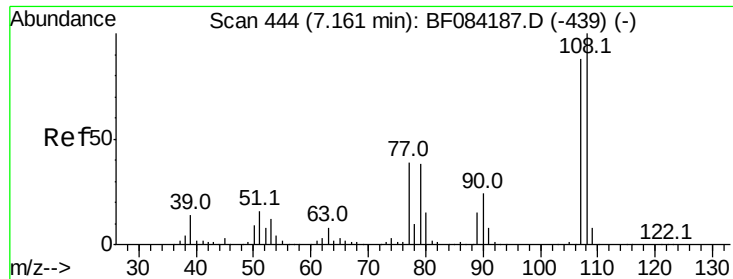
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.03 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Tgt Ion: 45 Resp: 1719625
Ion Ratio Lower Upper
45 100
77 11.7 0.0 39.6
79 8.9 0.0 35.0





#17

2-Methylphenol

Concen: 41.18 ng

RT: 7.16 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:107 Resp: 891275

Ion Ratio Lower Upper

107 100

108 114.3 89.8 134.6

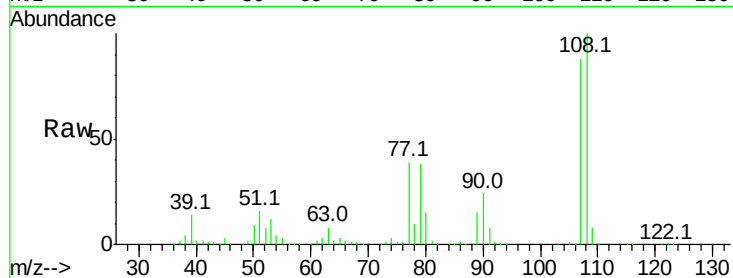
77 44.8 35.7 53.5

79 43.5 35.7 53.5

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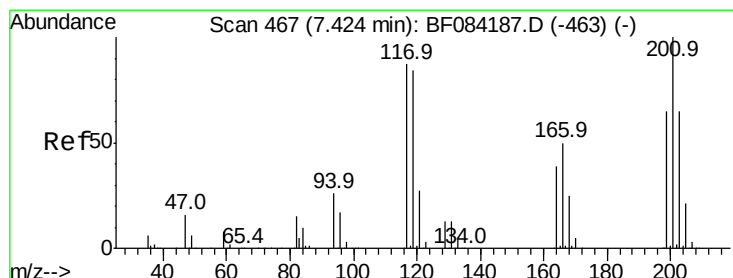
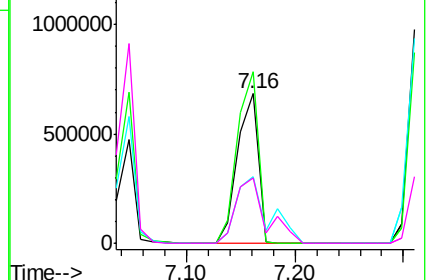
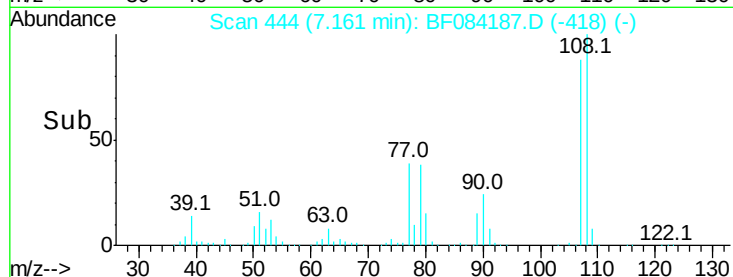


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 41.06 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

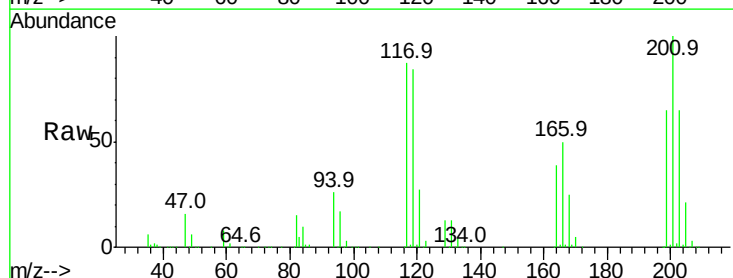
Tgt Ion:117 Resp: 426500

Ion Ratio Lower Upper

117 100

119 96.5 77.4 116.0

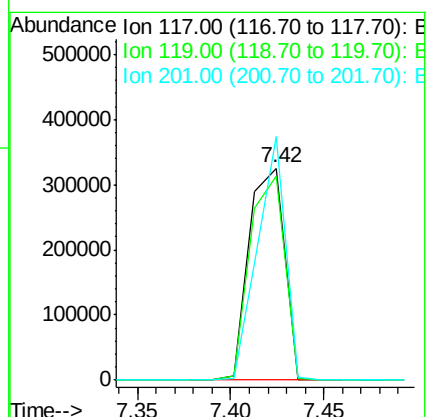
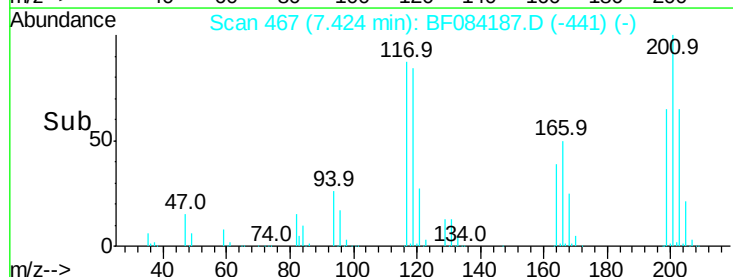
201 115.0 68.6 103.0#

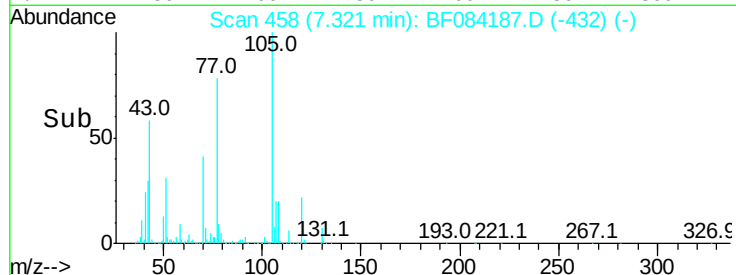
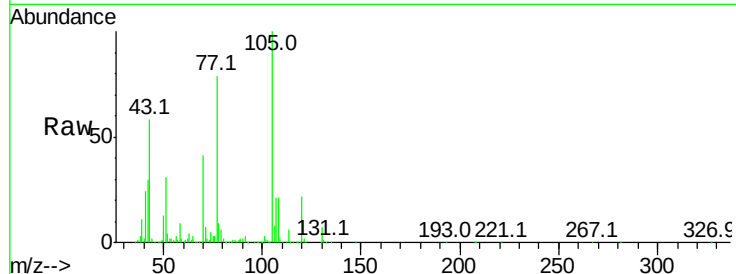
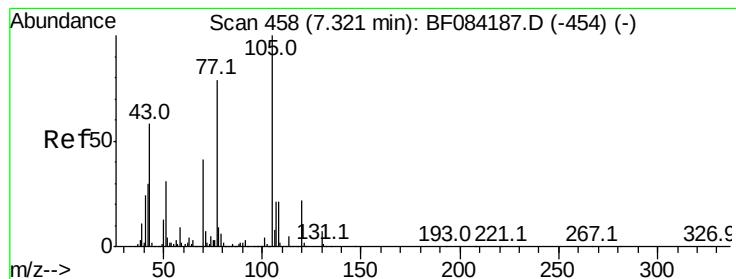


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.08 ng

RT: 7.32 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 70 Resp: 725675

Ion Ratio Lower Upper

70 100

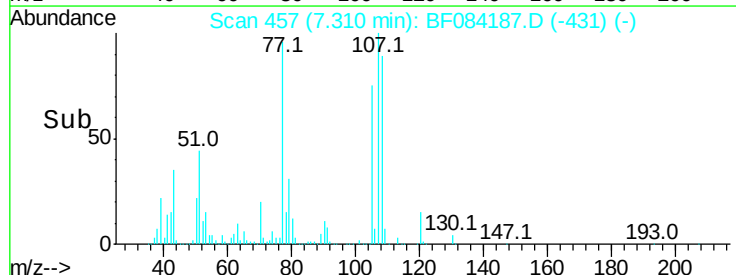
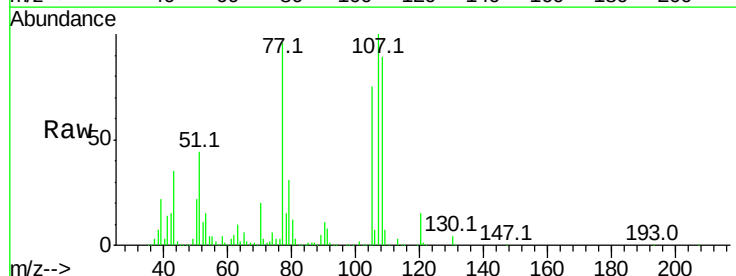
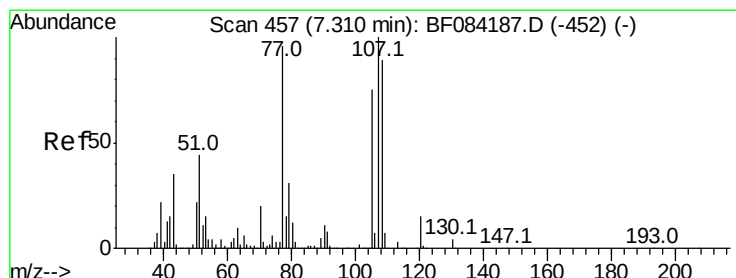
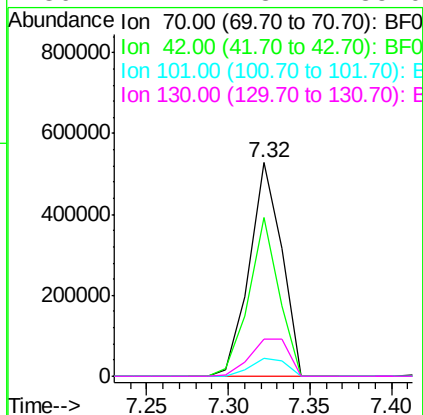
42 74.4 33.3 49.9#

101 8.6 9.3 13.9#

130 17.2 23.4 35.0#

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#20

3+4-Methylphenols

Concen: 35.13 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Tgt Ion:107 Resp: 919417

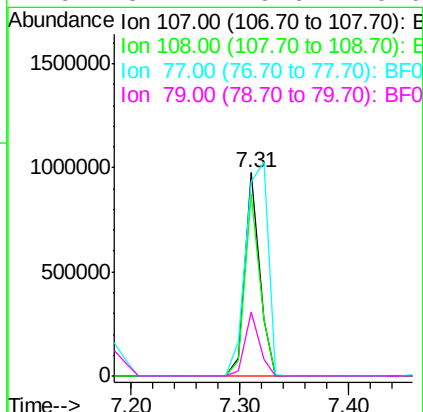
Ion Ratio Lower Upper

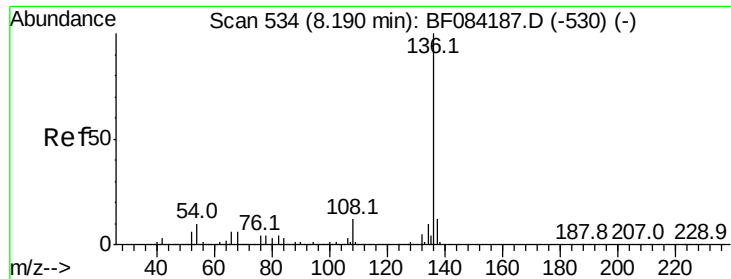
107 100

108 89.2 64.1 104.1

77 95.7 128.9 168.9#

79 31.4 9.6 49.6





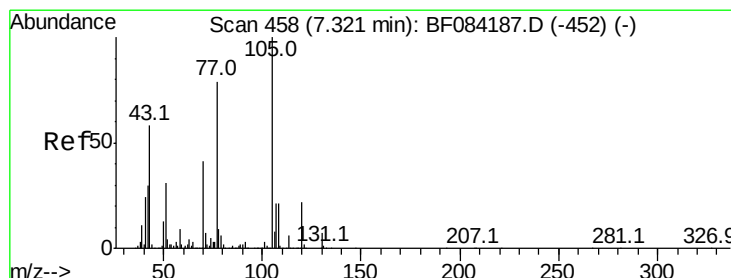
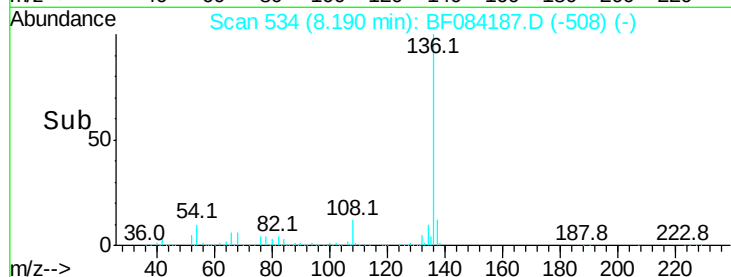
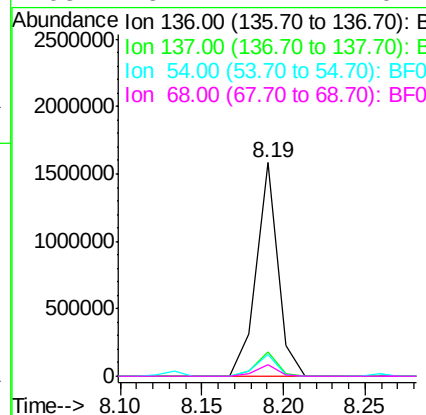
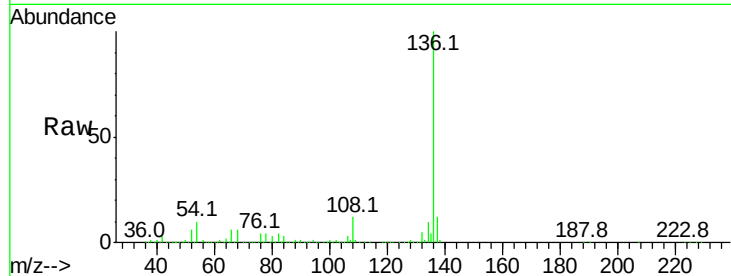
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	1461825		
137	11.6	8.7	13.1	
54	10.1	5.8	8.8#	
68	5.7	4.2	6.2	

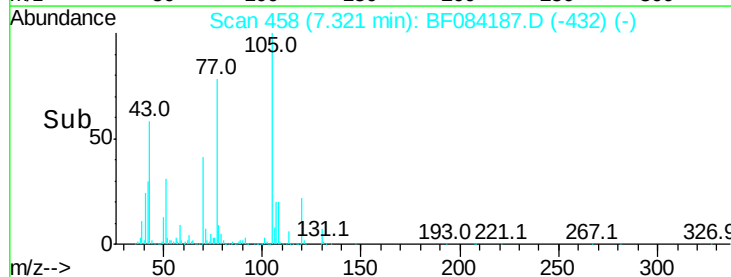
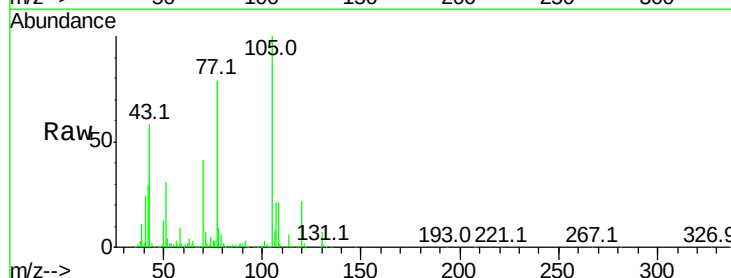
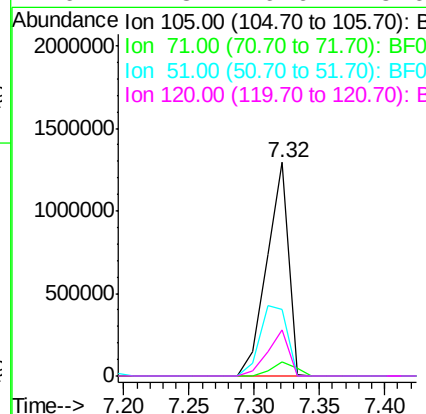
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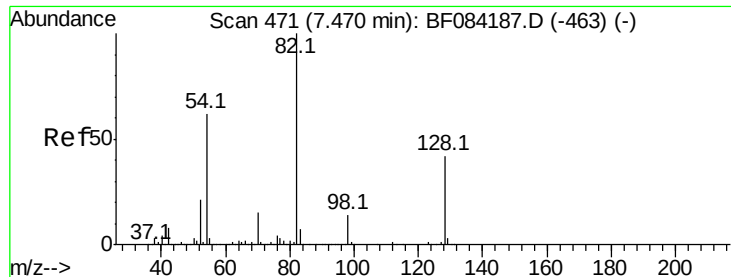
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#22
Acetophenone
Concen: 40.35 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1503606		
71	6.9	3.7	5.5#	
51	31.4	25.1	37.7	
120	21.8	16.6	25.0	





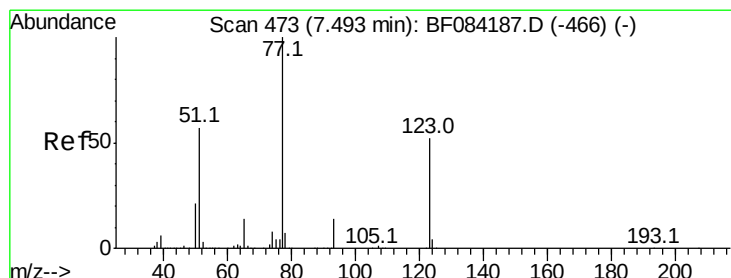
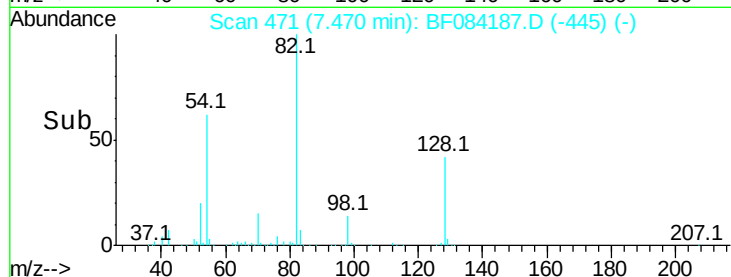
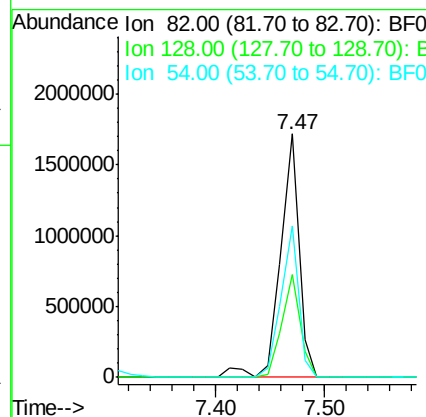
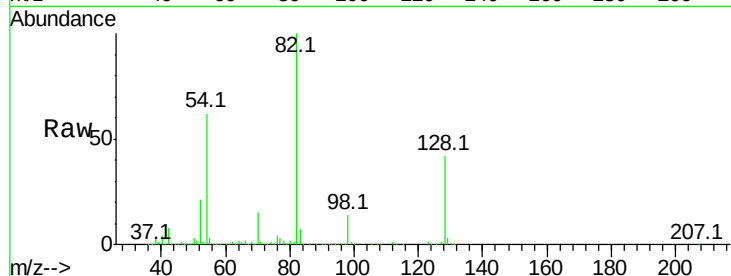
#23
Nitrobenzene-d5
Concen: 38.46 ng
RT: 7.47 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.2	34.6	51.8
54	62.1	38.4	57.6

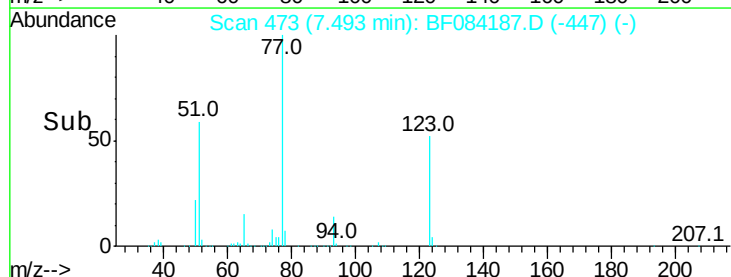
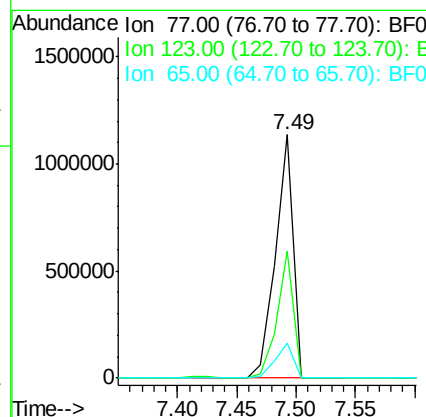
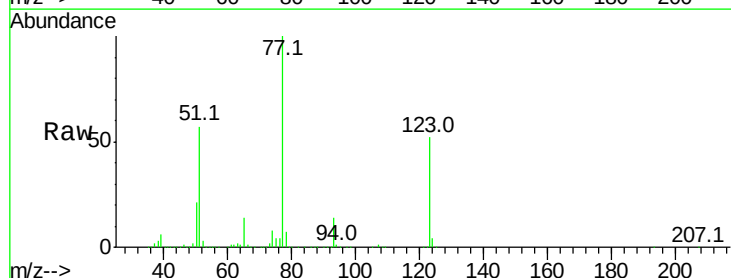
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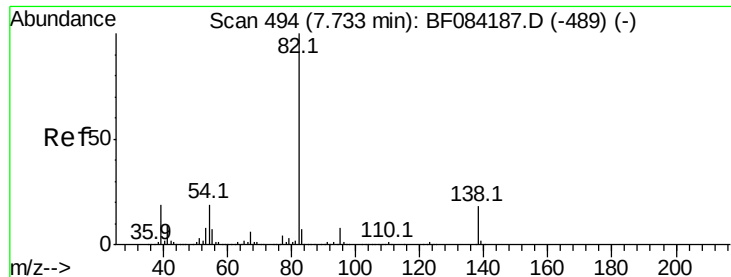
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#24
Nitrobenzene
Concen: 43.42 ng
RT: 7.49 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.4	37.4	56.2
65	14.2	10.9	16.3





#25

Isophorone

Concen: 39.30 ng

RT: 7.73 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 82 Resp: 2018037

Ion Ratio Lower Upper

82 100

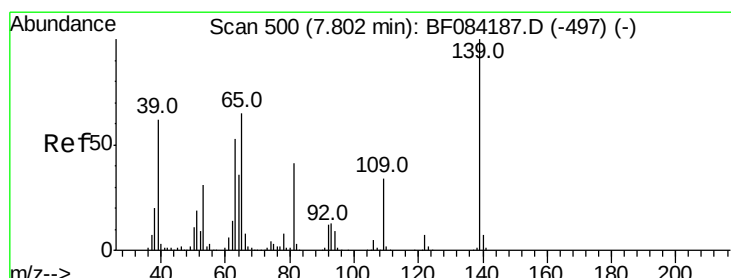
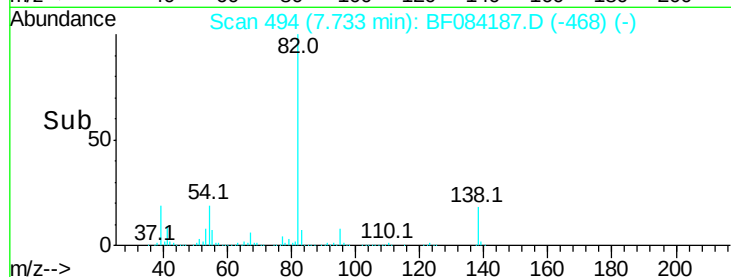
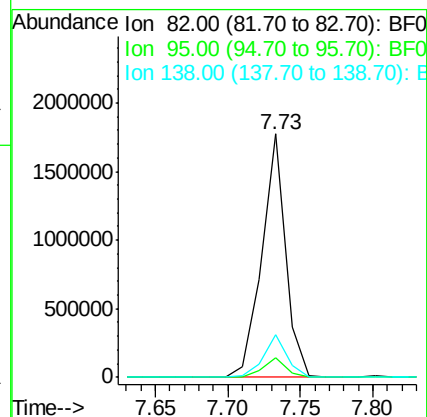
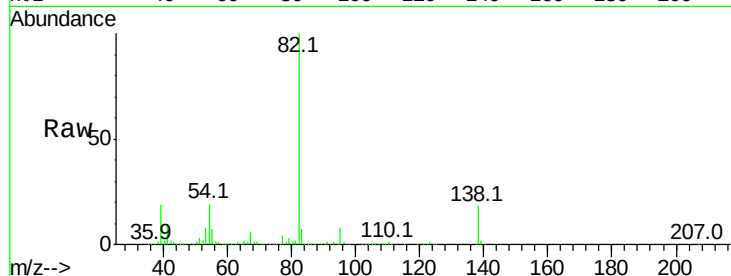
95 8.0 6.6 10.0

138 17.5 13.6 20.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.48 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

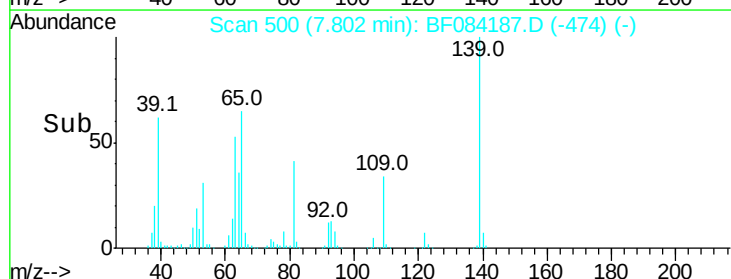
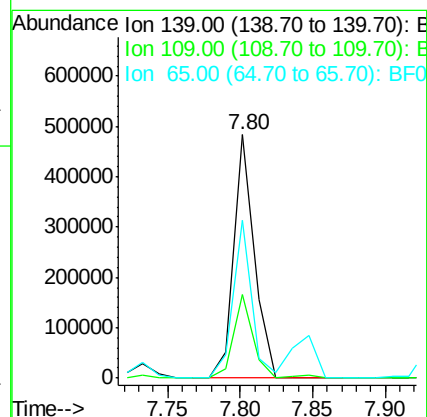
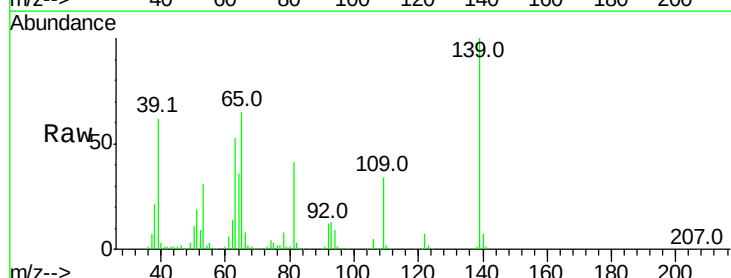
Tgt Ion: 139 Resp: 476673

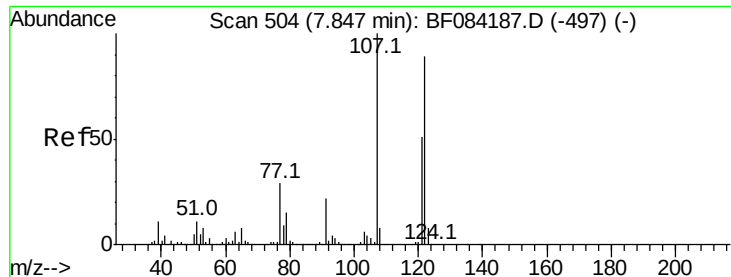
Ion Ratio Lower Upper

139 100

109 34.5 25.4 38.2

65 65.1 32.3 48.5#





#27

2,4-Dimethylphenol

Concen: 40.90 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:122 Resp: 1046432

Ion Ratio Lower Upper

122 100

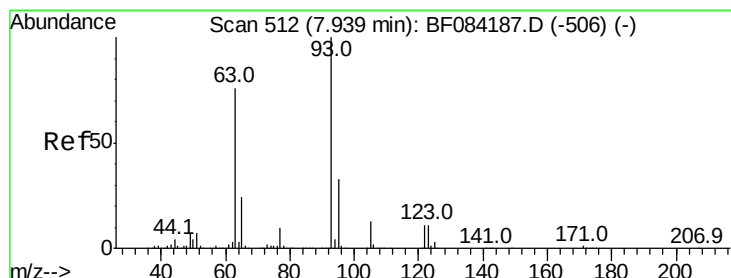
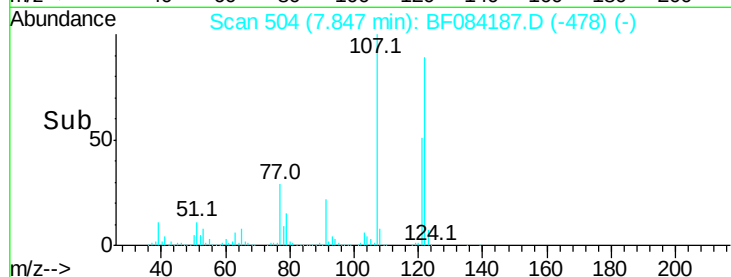
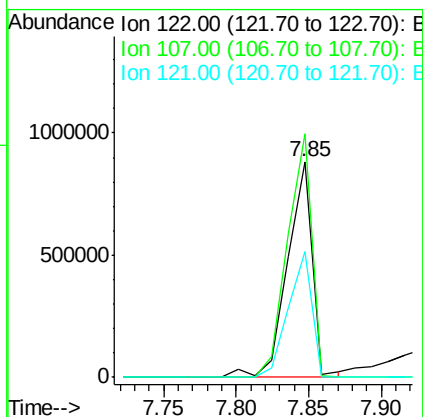
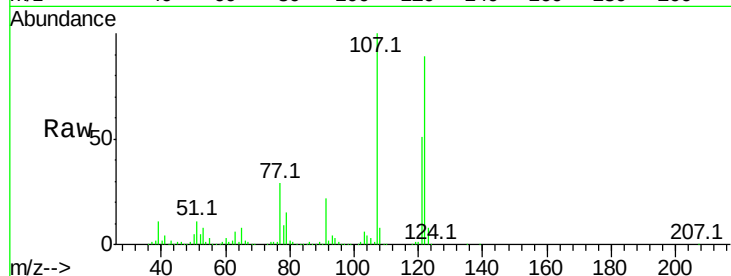
107 112.8 99.1 148.7

121 58.1 47.9 71.9

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#28

bis(2-Chloroethoxy)methane

Concen: 36.45 ng

RT: 7.94 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

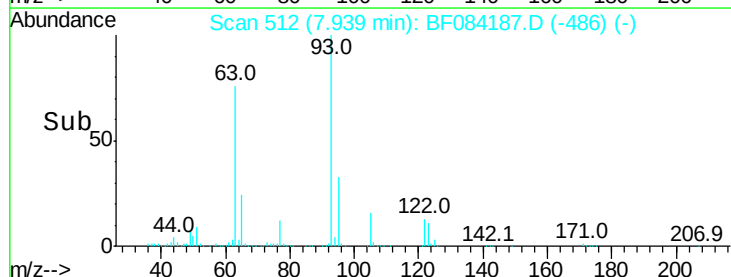
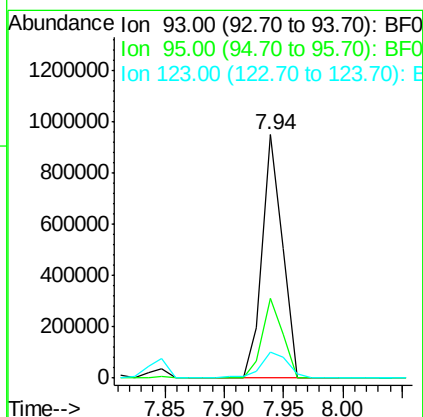
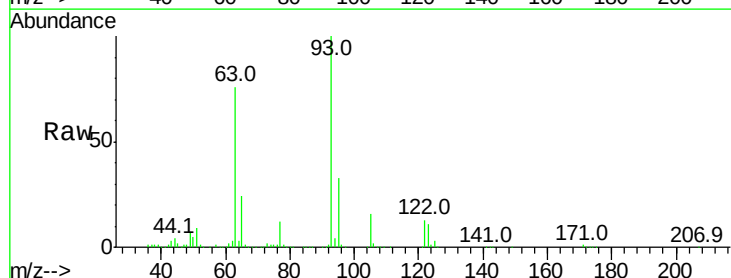
Tgt Ion: 93 Resp: 1139951

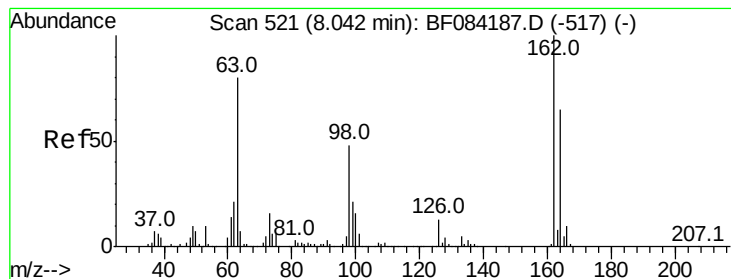
Ion Ratio Lower Upper

93 100

95 32.6 25.8 38.6

123 10.9 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 38.83 ng

RT: 8.04 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Instrument :

BNA_F

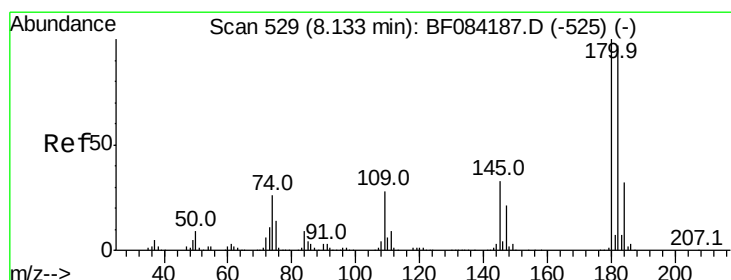
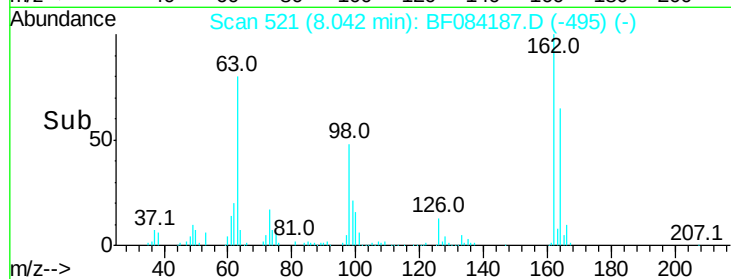
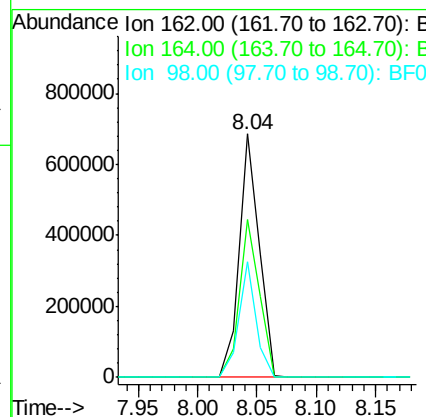
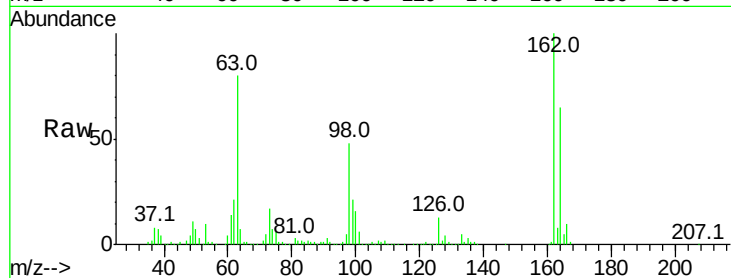
ClientSampleId :

SSTDICCC040

Tot Ion:	162	Resp:	802199
Ion Ratio	Lower	Upper	
162	100		
164	64.6	44.1	84.1
98	47.7	20.2	60.2

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#30

1,2,4-Trichlorobenzene

Concen: 39.82 ng

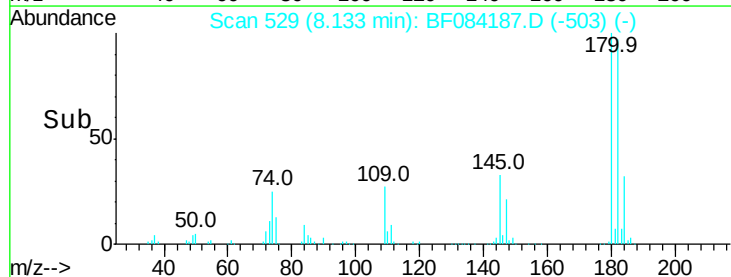
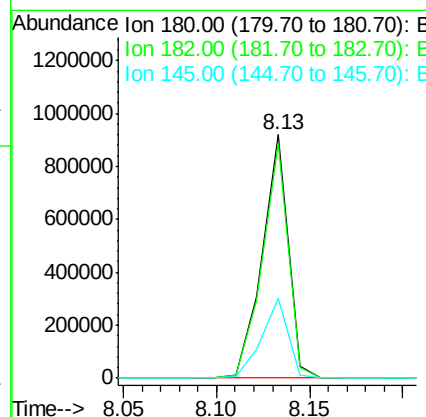
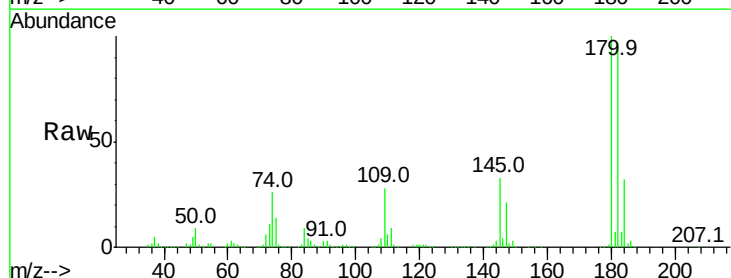
RT: 8.13 min Scan# 529

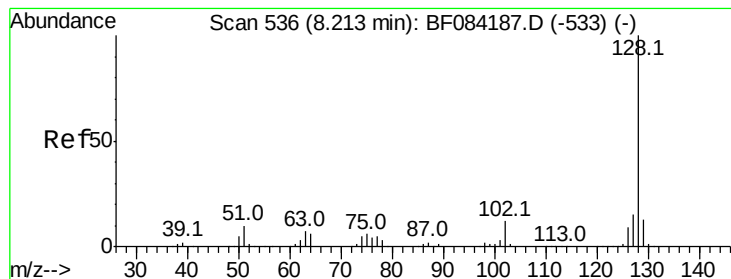
Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Tgt Ion:	180	Resp:	878720
Ion Ratio	Lower	Upper	
180	100		
182	96.6	76.4	114.6
145	32.8	31.6	47.4





#31

Naphthalene

Concen: 36.38 ng m

RT: 8.21 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:128 Resp: 2632818

Ion Ratio Lower Upper

128 100

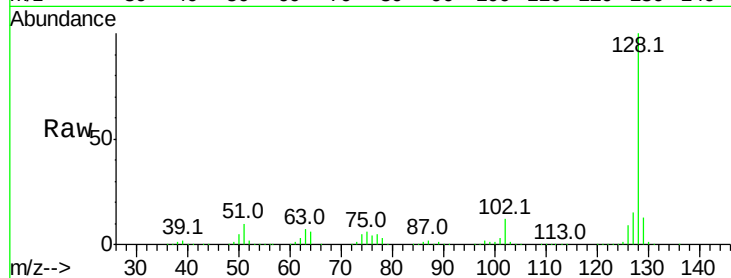
129 12.6 9.1 13.7

127 15.2 11.1 16.7

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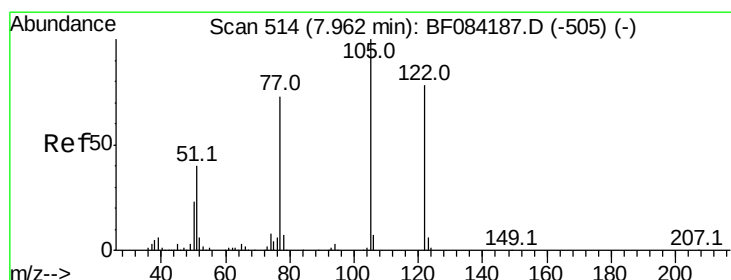
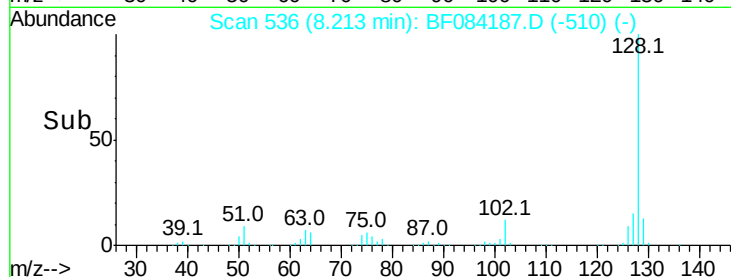
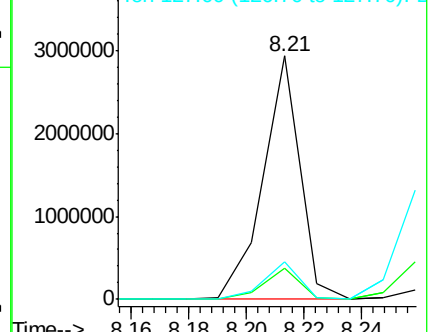
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 56.11 ng m

RT: 7.96 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

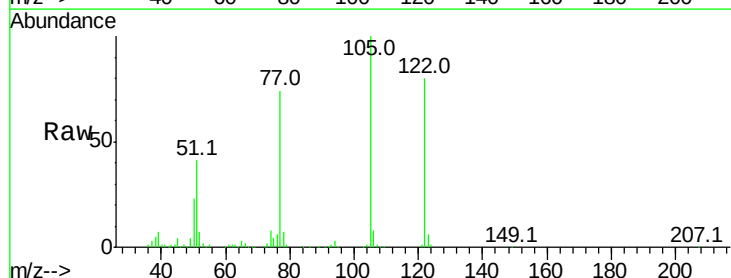
Tgt Ion:122 Resp: 607022

Ion Ratio Lower Upper

122 100

105 124.9 100.3 140.3

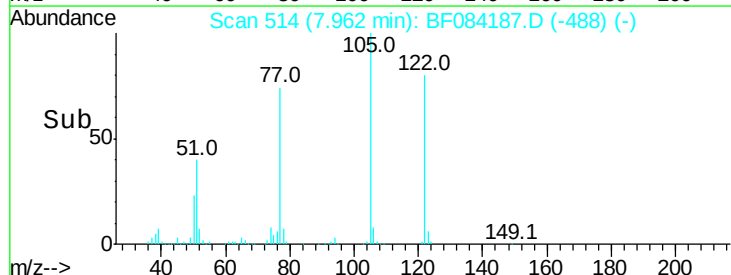
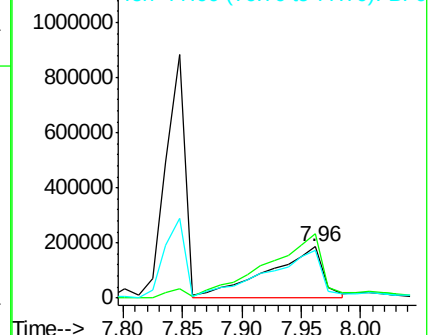
77 92.5 63.5 103.5

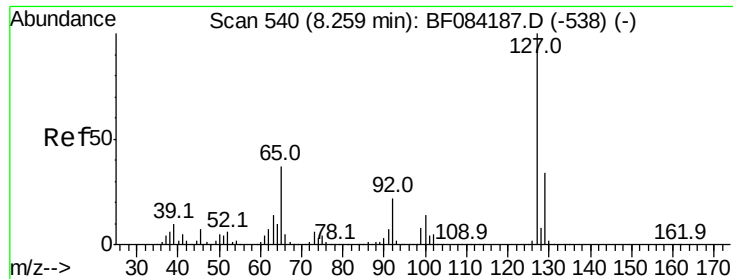


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





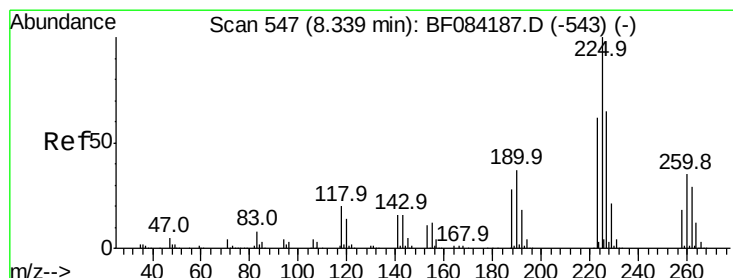
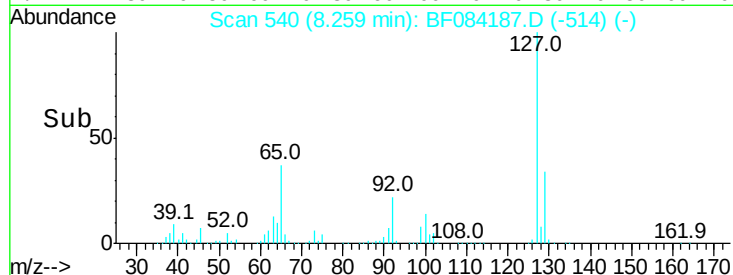
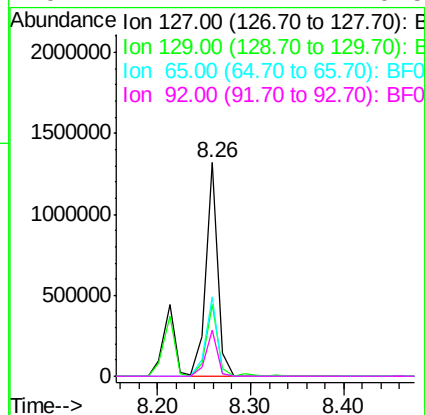
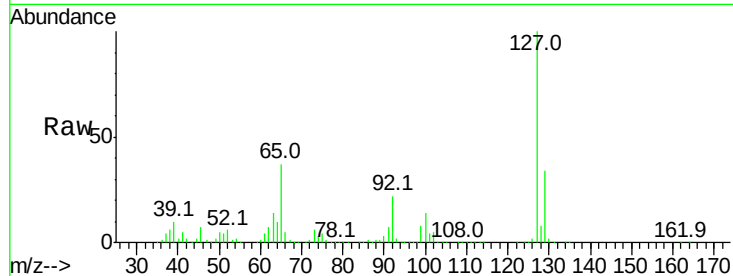
#33
4-Chloroaniline
Concen: 37.22 ng
RT: 8.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.8	26.5	39.7
65	37.4	27.2	40.8
92	21.7	17.7	26.5

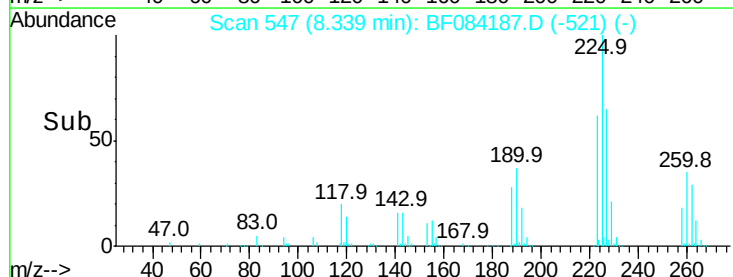
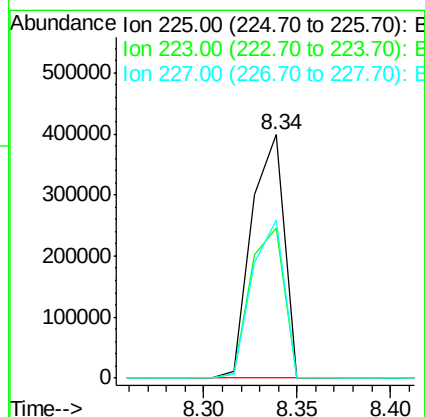
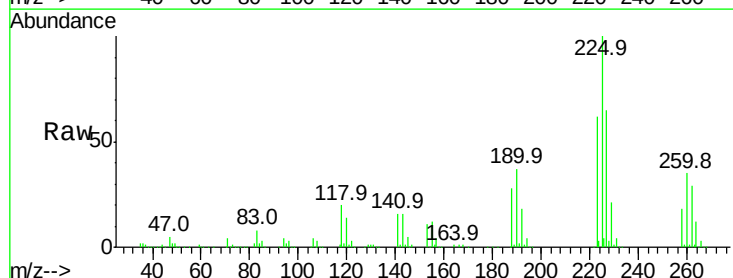
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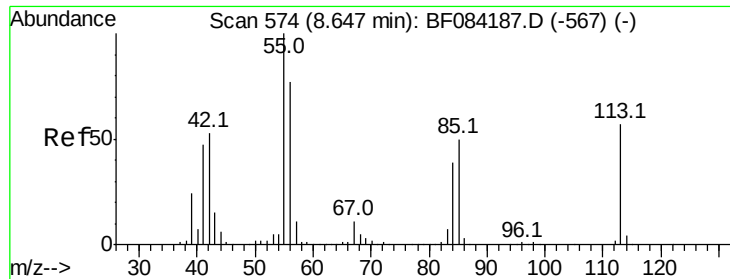
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#34
Hexachlorobutadiene
Concen: 39.99 ng
RT: 8.34 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.4	74.0
227	65.0	50.8	76.2





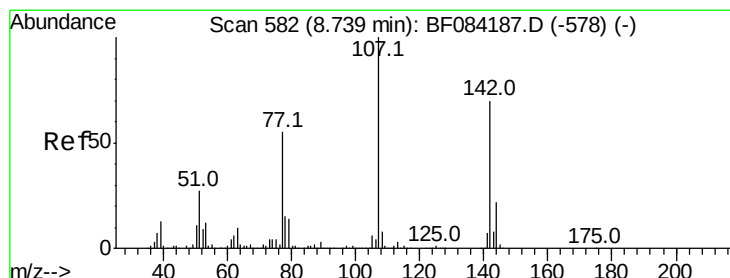
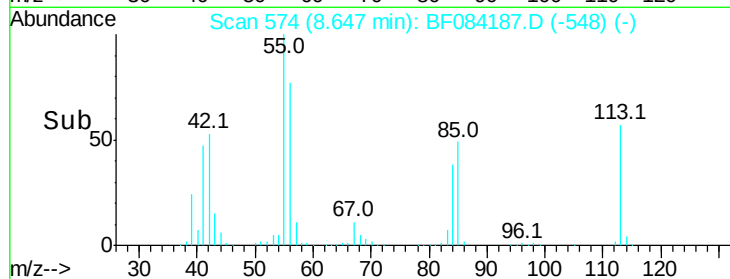
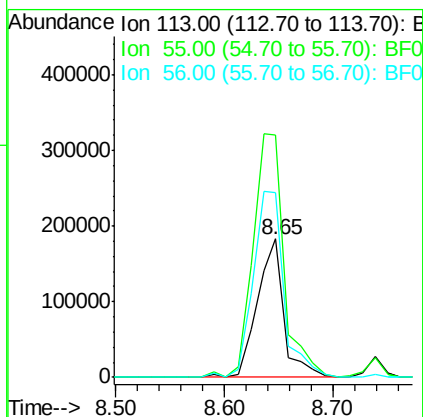
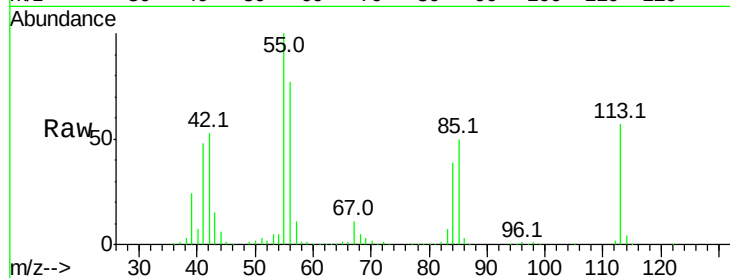
#35
 Caprolactam
 Concen: 44.50 ng
 RT: 8.65 min Scan# 574
 Delta R.T. 0.00 min
 Lab File: BF084187.D
 Acq: 31 Dec 2015 10:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	174.9	116.9	156.9#	
56	134.0	93.8	133.8#	

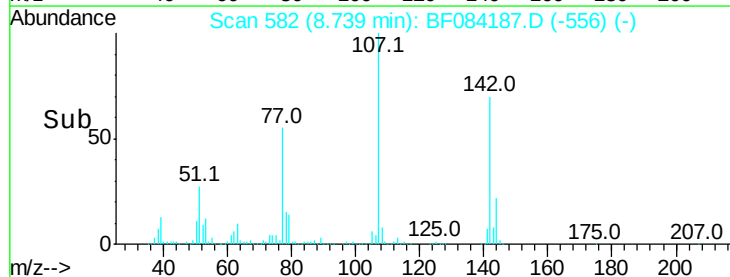
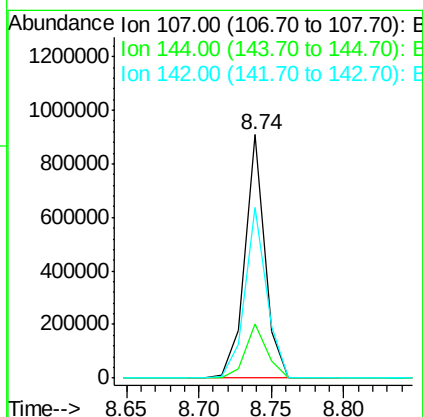
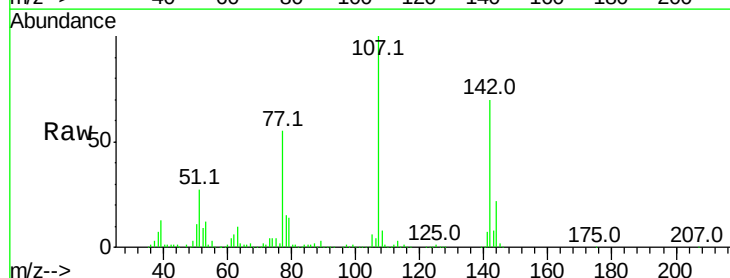
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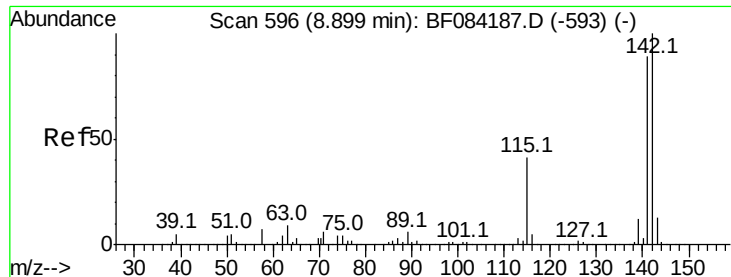
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#36
 4-Chloro-3-methylphenol
 Concen: 37.36 ng
 RT: 8.74 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: BF084187.D
 Acq: 31 Dec 2015 10:42

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	22.4	19.7	29.5	
142	69.9	61.8	92.6	





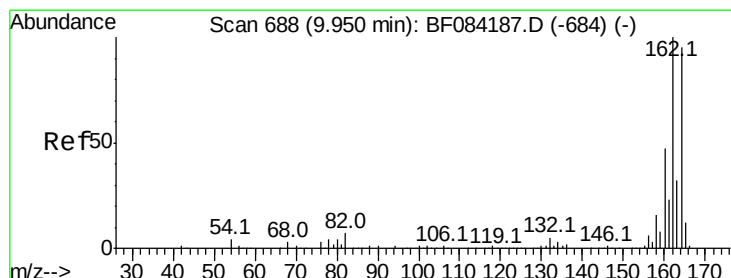
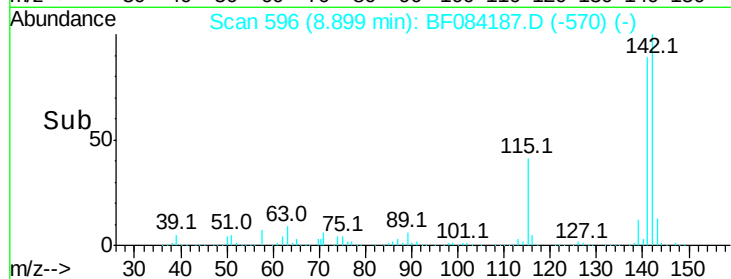
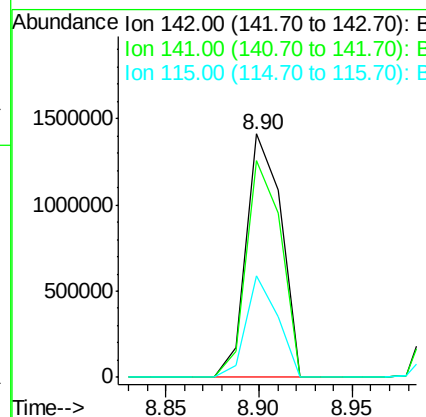
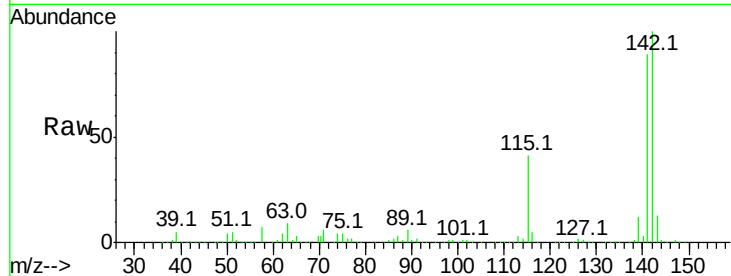
#37
2-Methylnaphthalene
Concen: 36.71 ng
RT: 8.90 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.4	108.6
115	41.5	27.9	41.9

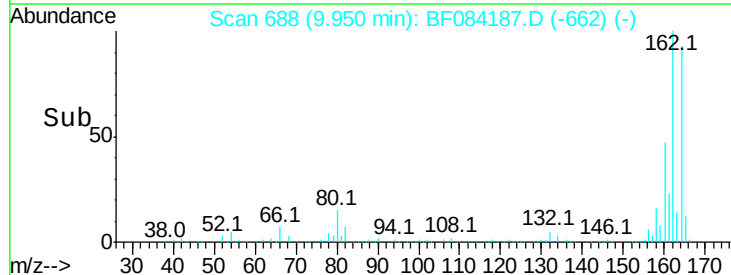
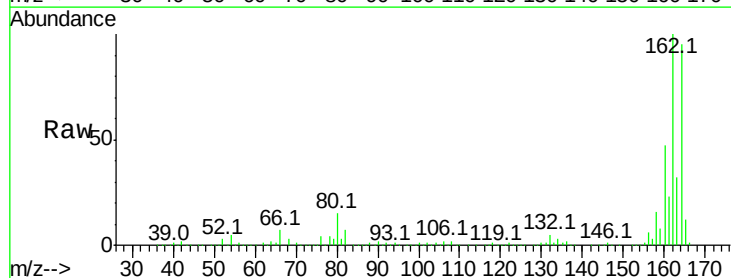
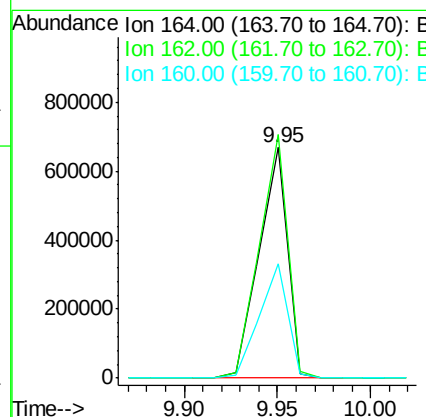
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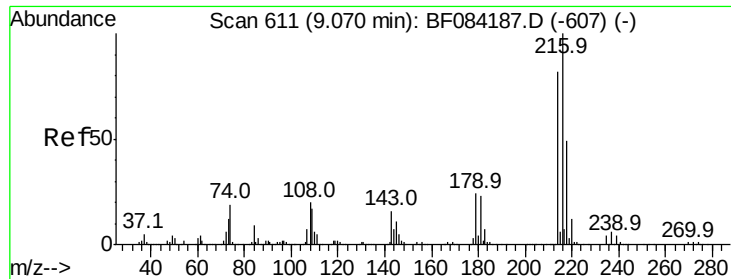
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	85.1	127.7
160	49.4	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.47 ng

RT: 9.07 min Scan# 611

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Instrument :

BNA_F

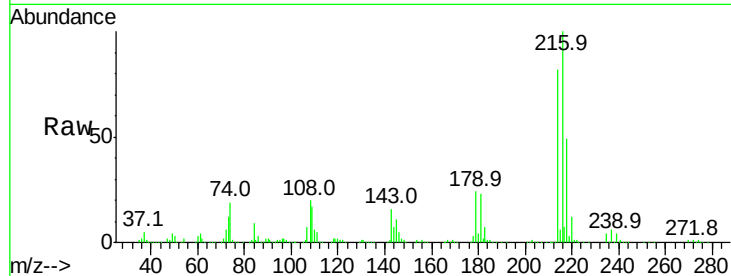
ClientSampleId :

SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	808937		
214	82.0	64.2	96.2	
179	24.4	18.7	28.1	
108	23.9	16.8	25.2	

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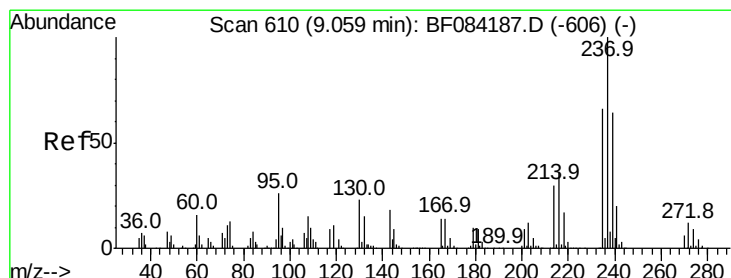
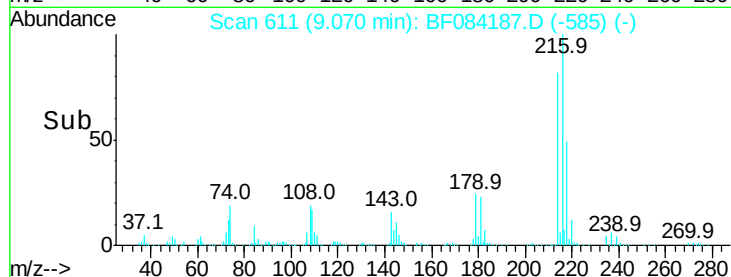
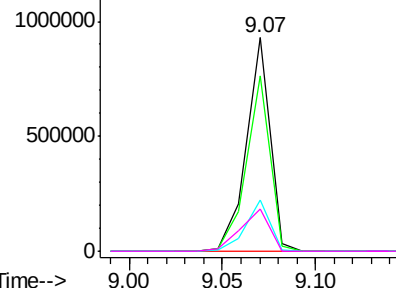


Abundance Ion 216.00 (215.70 to 216.70): E

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: 40.36 ng

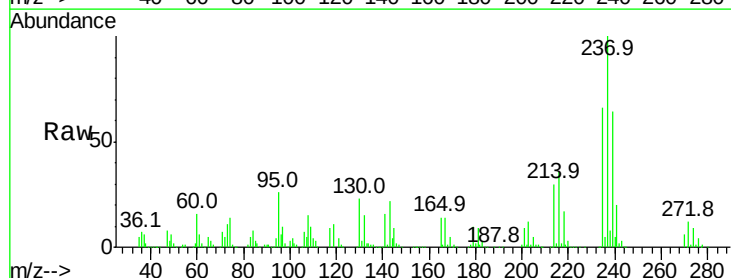
RT: 9.06 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

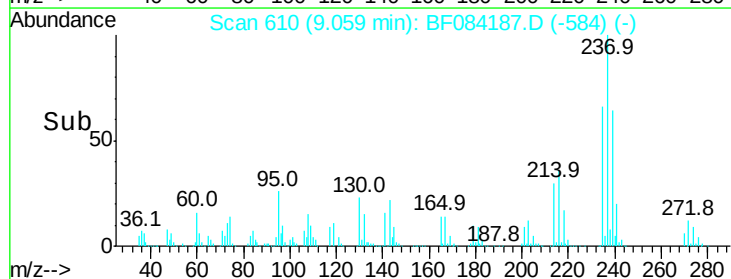
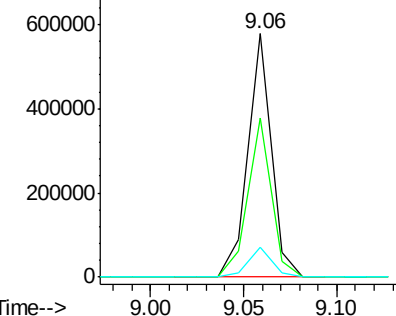
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	498380		
235	65.5	43.1	83.1	
272	12.1	0.0	35.1	

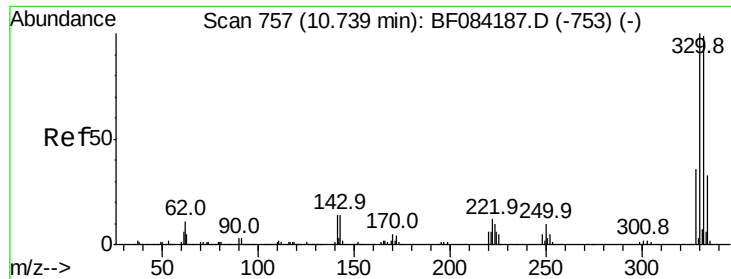


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





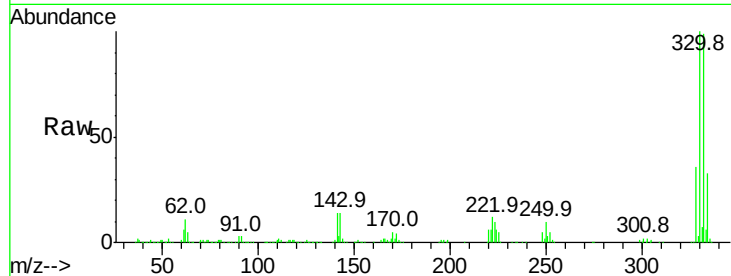
#41
 2,4,6-Tribromophenol
 Concen: 39.72 ng
 RT: 10.74 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF084187.D
 Acq: 31 Dec 2015 10:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

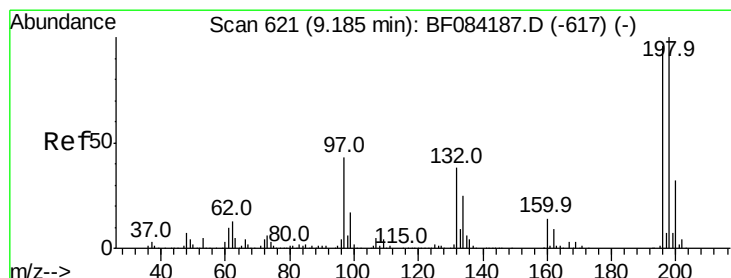
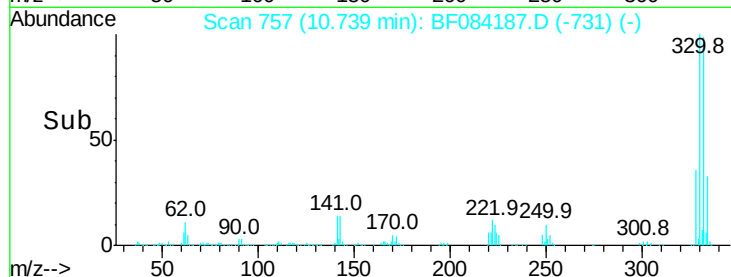
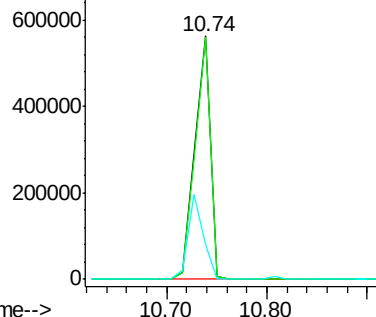
Tot Ion	Ratio	Resp	Lower	Upper
330	100	602889		
332	97.9	76.6	114.8	
141	34.3	27.8	41.6	

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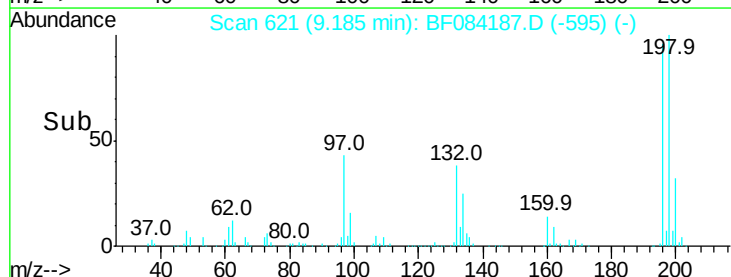
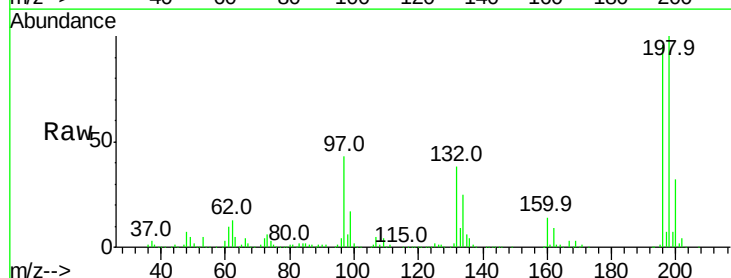
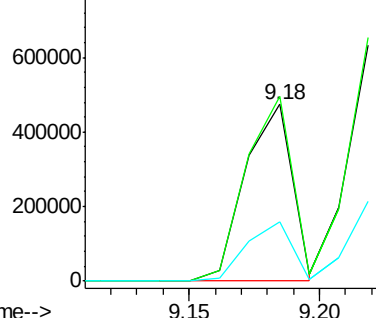
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

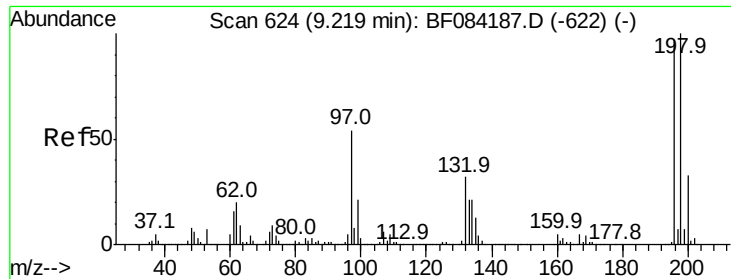


#42
 2,4,6-Trichlorophenol
 Concen: 36.79 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF084187.D
 Acq: 31 Dec 2015 10:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	588839		
198	104.4	77.7	116.5	
200	33.5	24.6	37.0	

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





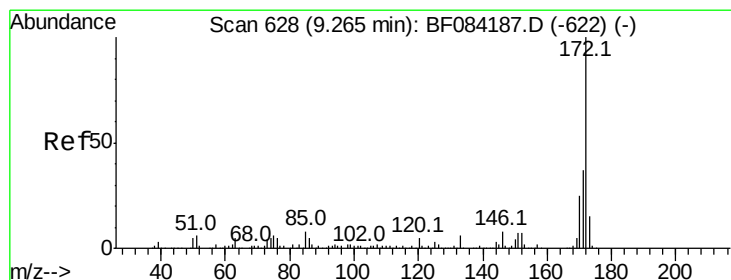
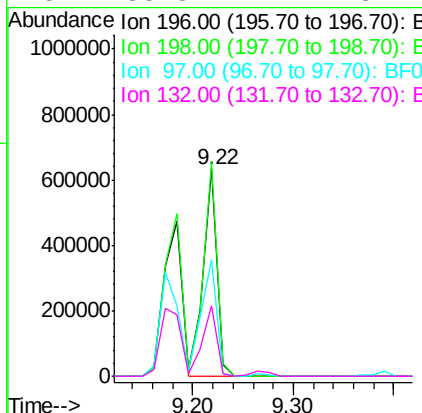
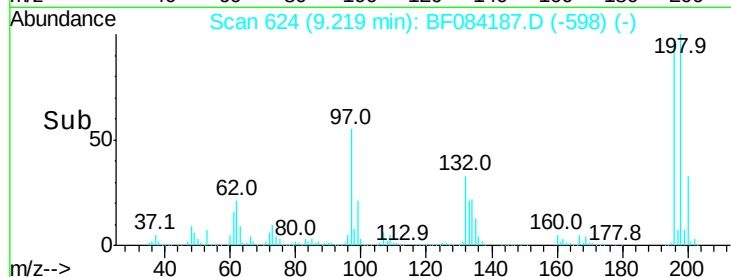
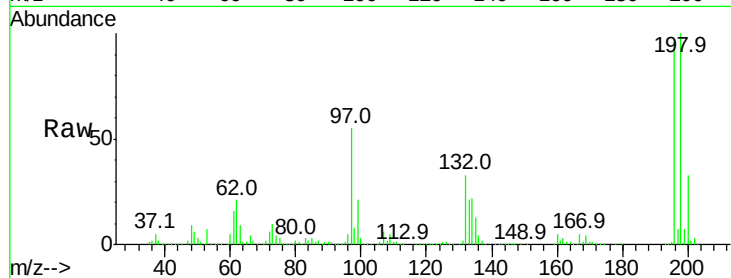
#43
 2,4,5-Trichlorophenol
 Concen: 39.85 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF084187.D
 Acq: 31 Dec 2015 10:42

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC040

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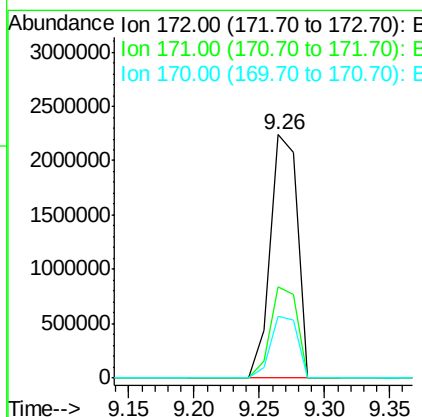
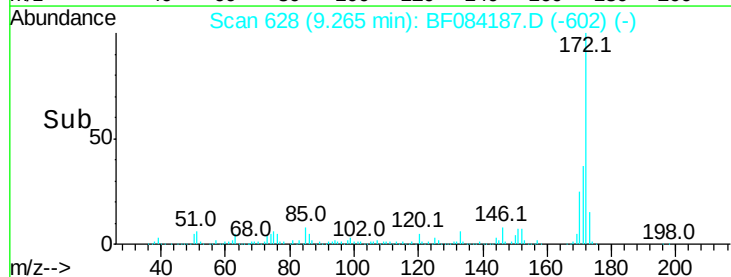
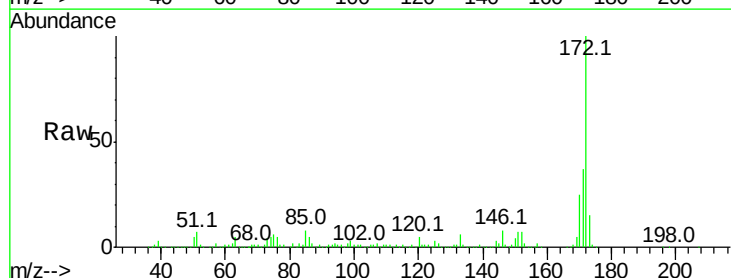
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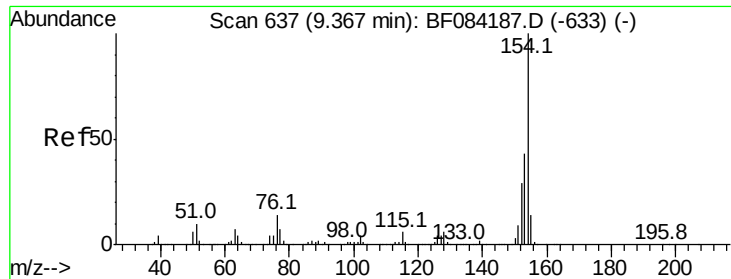
Tot Ion:	196	Resp:	598624
Ion Ratio	Lower	Upper	
196	100		
198	103.1	79.0	118.6
97	56.2	33.0	49.6#
132	33.8	21.1	31.7#



#44
 2-Fluorobiphenyl
 Concen: 32.83 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF084187.D
 Acq: 31 Dec 2015 10:42

Tgt Ion:	172	Resp:	3266179
Ion Ratio	Lower	Upper	
172	100		
171	37.4	28.9	43.3
170	25.3	18.6	27.8





#45

1,1'-Biphenyl

Concen: 32.54 ng

RT: 9.37 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:154 Resp: 2079324

Ion Ratio Lower Upper

154 100

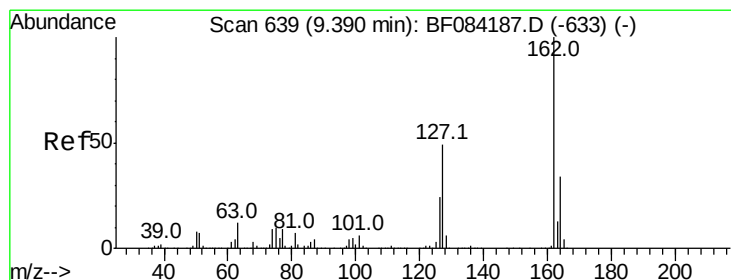
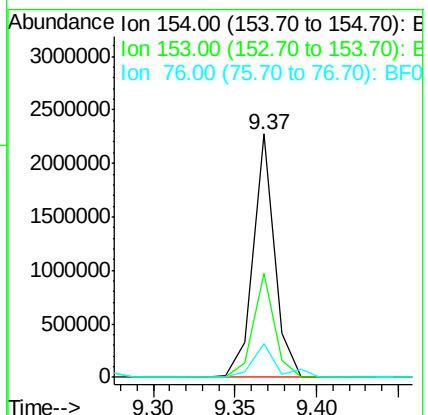
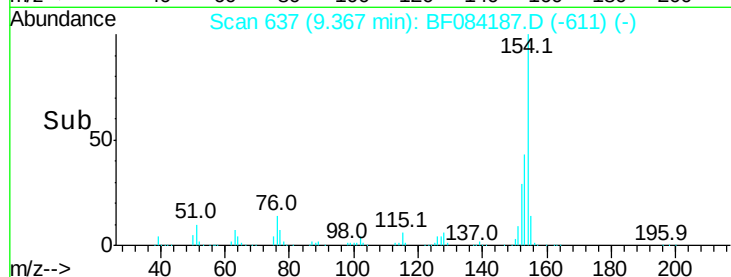
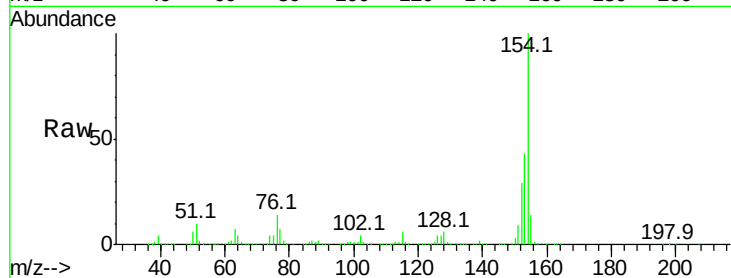
153 42.8 21.6 61.6

76 14.1 0.0 32.7

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#46

2-Chloronaphthalene

Concen: 33.48 ng

RT: 9.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

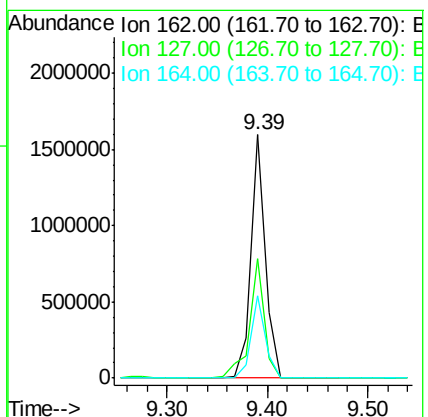
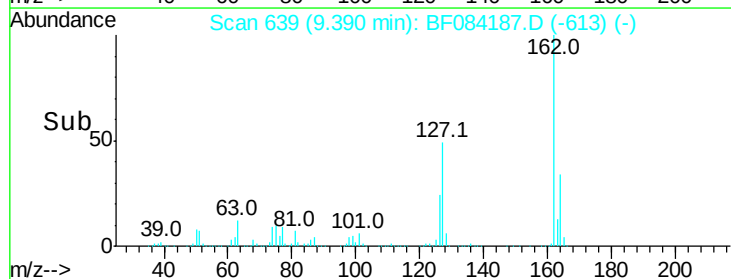
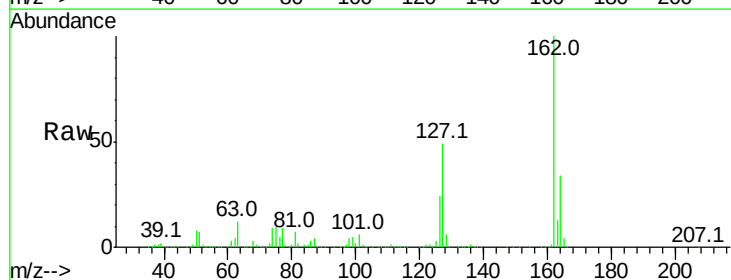
Tgt Ion:162 Resp: 1580190

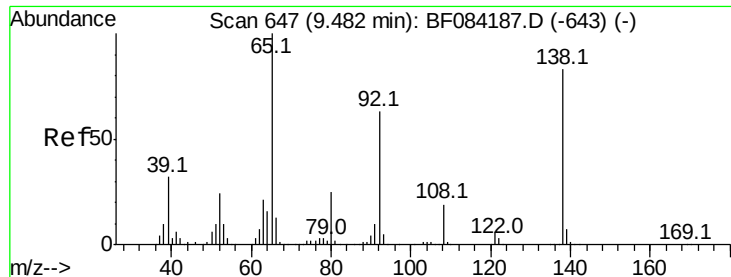
Ion Ratio Lower Upper

162 100

127 48.8 40.2 60.4

164 33.9 25.7 38.5





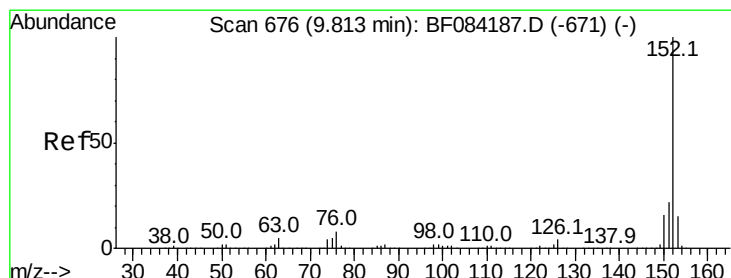
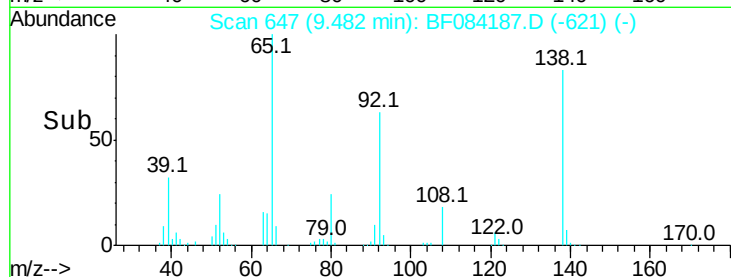
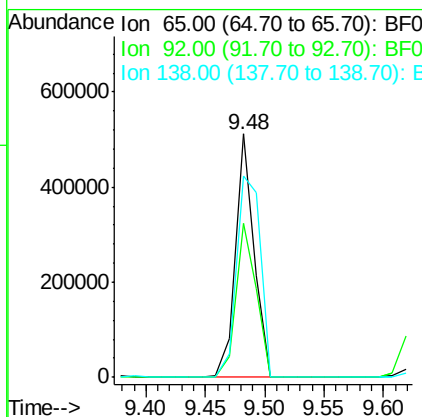
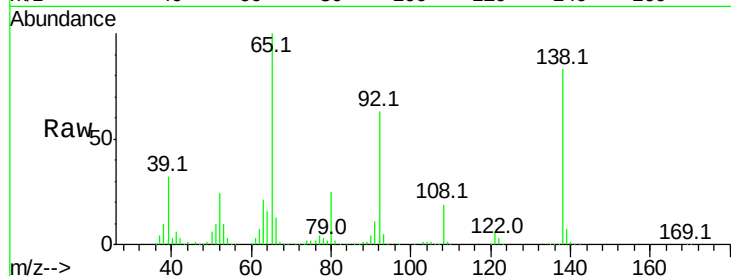
#47
2-Nitroaniline
Concen: 40.16 ng
RT: 9.48 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.0	53.4	80.2
138	82.9	71.1	106.7

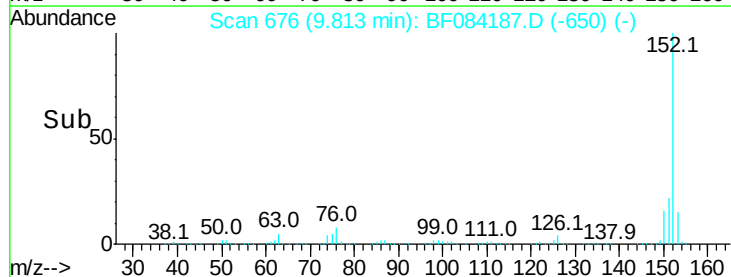
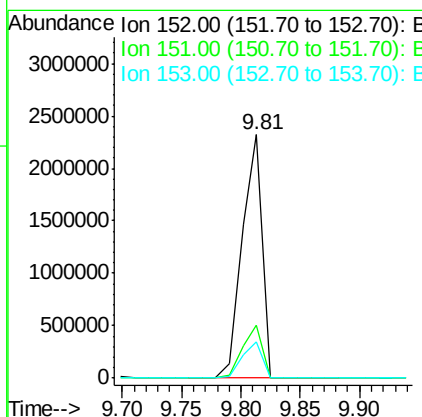
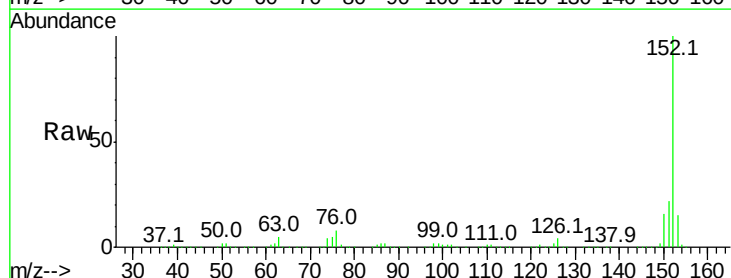
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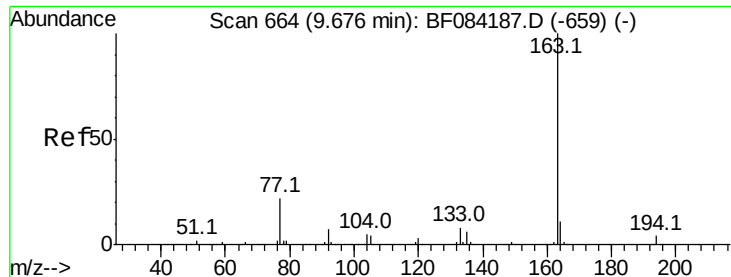
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#48
Acenaphthylene
Concen: 35.84 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.9	16.3	24.5
153	14.9	10.4	15.6





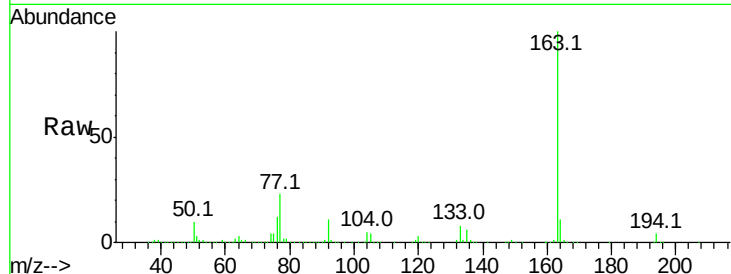
#49
Dimethylphthalate
Concen: 38.50 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

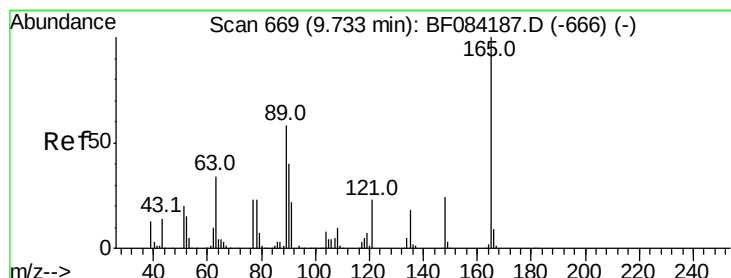
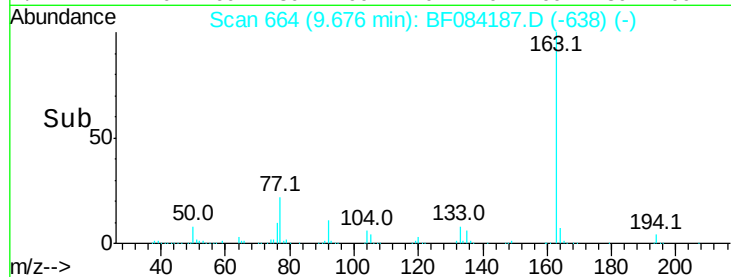
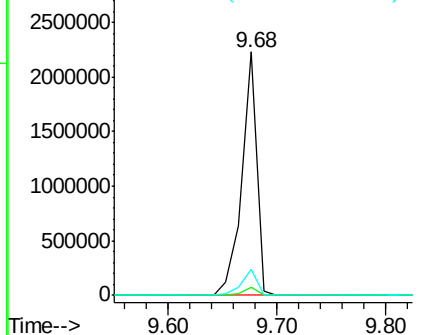
Tot Ion:163 Resp: 2087593
Ion Ratio Lower Upper
163 100
194 3.5 8.0 12.0#
164 10.8 8.0 12.0

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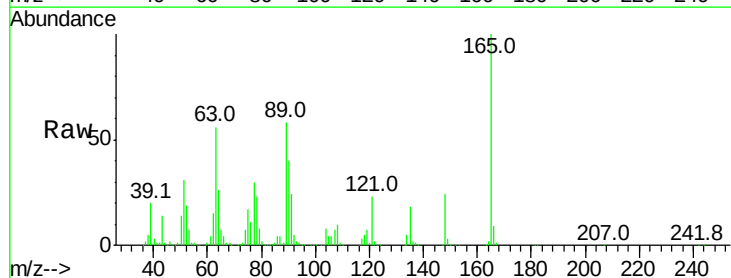


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

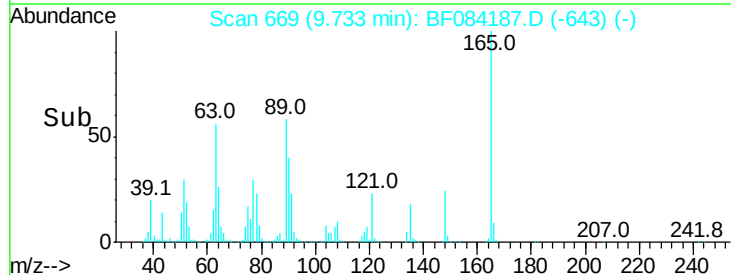
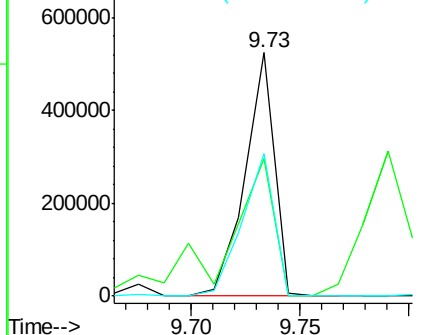


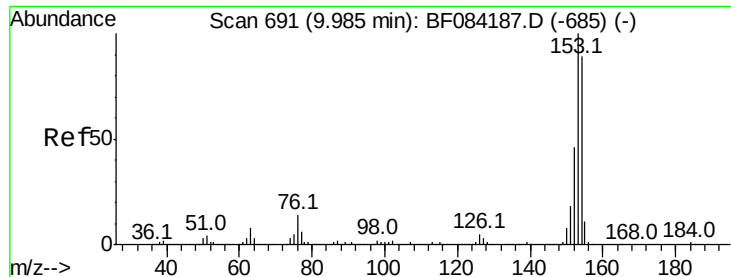
#50
2,6-Dinitrotoluene
Concen: 43.21 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Tgt Ion:165 Resp: 487425
Ion Ratio Lower Upper
165 100
63 56.3 28.8 43.2#
89 58.5 35.1 52.7#



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





#51

Acenaphthene

Concen: 37.72 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:154 Resp: 1865640

Ion Ratio Lower Upper

154 100

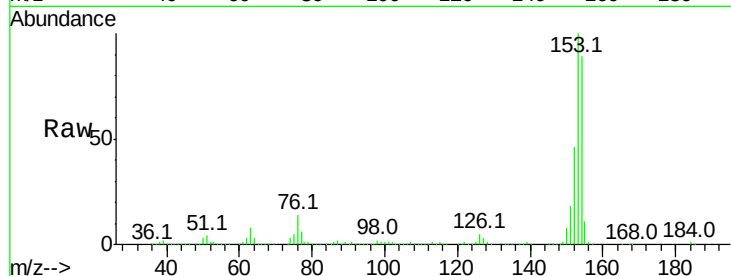
153 111.9 91.5 137.3

152 51.6 43.0 64.6

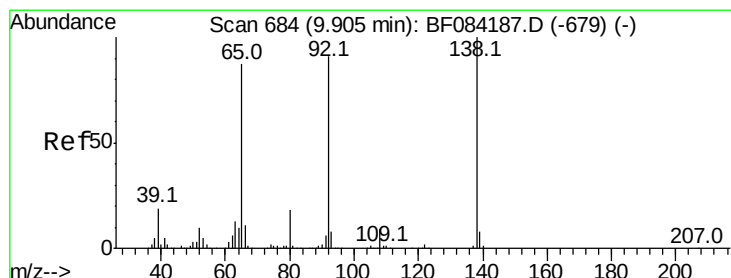
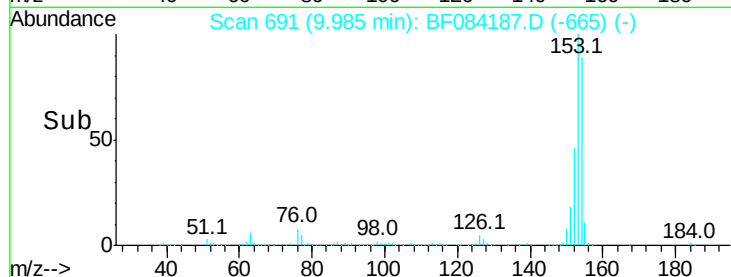
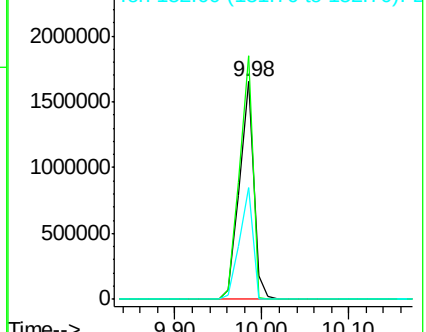
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 42.49 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

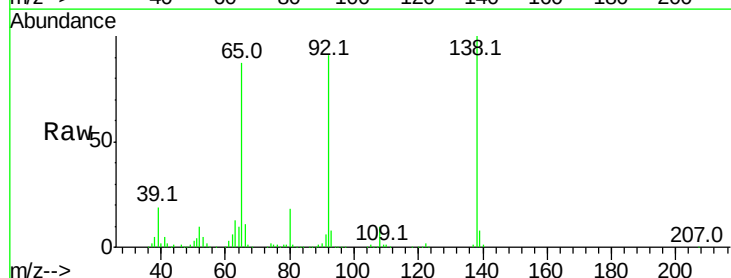
Tgt Ion:138 Resp: 591295

Ion Ratio Lower Upper

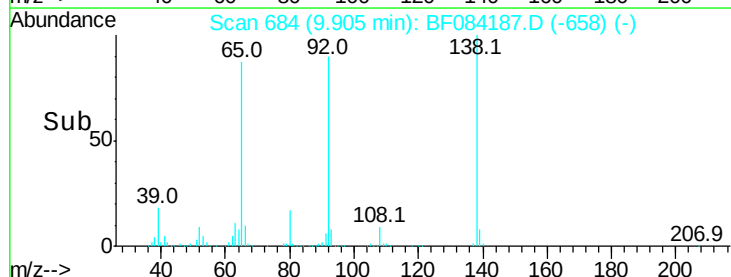
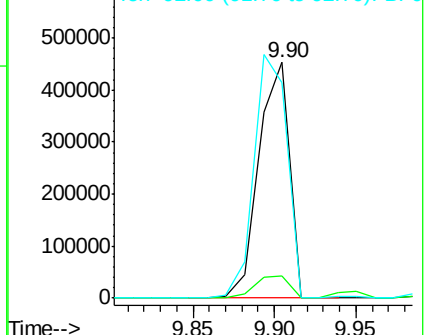
138 100

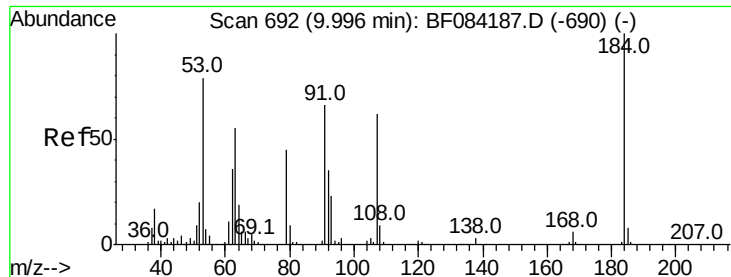
108 9.6 10.5 15.7#

92 91.3 103.9 155.9#



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





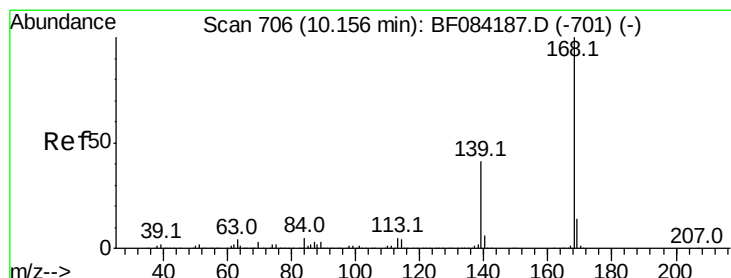
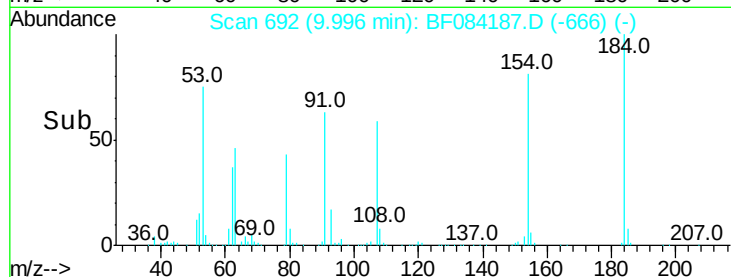
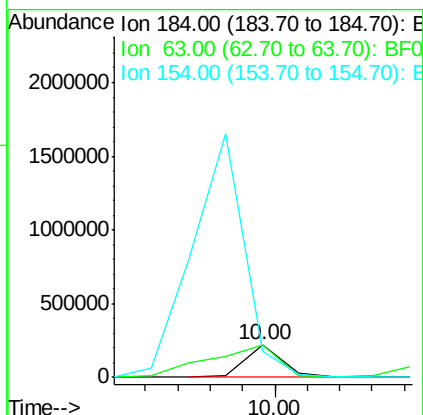
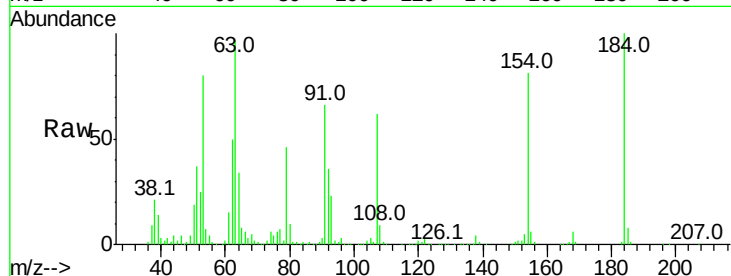
#53
2,4-Dinitrophenol
Concen: 62.65 ng m
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100	186677		
63	97.2	43.1	64.7#	
154	80.8	60.5	90.7	

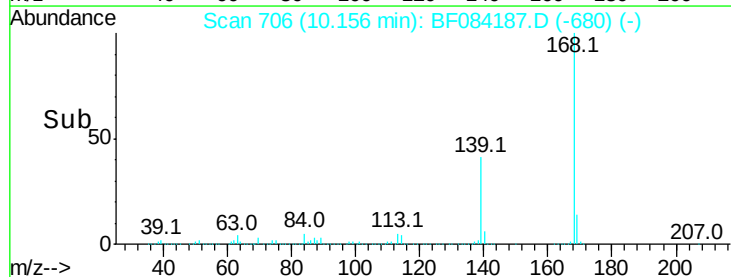
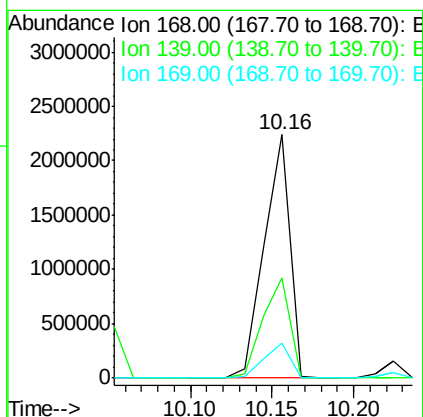
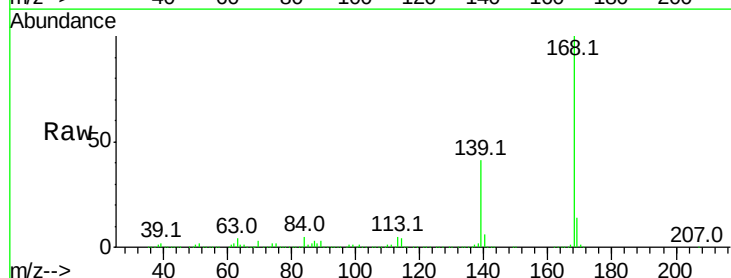
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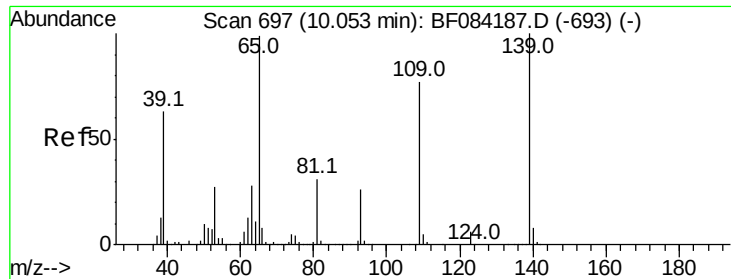
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#54
Dibenzofuran
Concen: 36.00 ng
RT: 10.16 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	2448424		
139	41.4	30.5	45.7	
169	14.2	10.4	15.6	





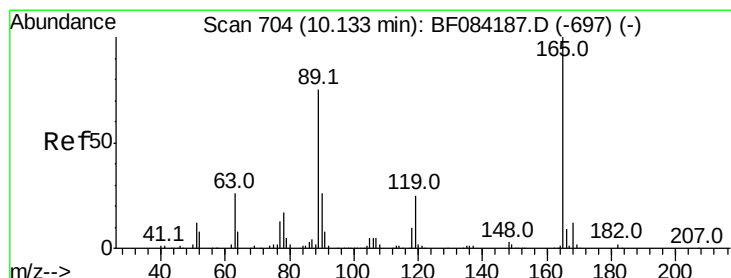
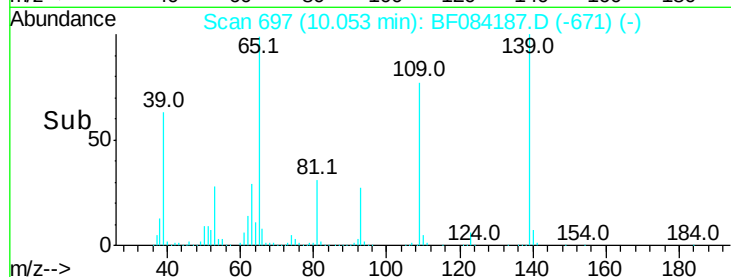
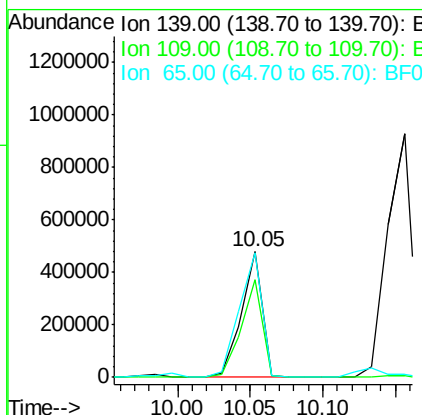
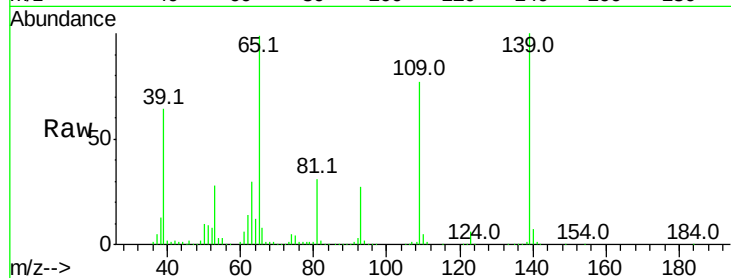
#55
4-Nitrophenol
Concen: 30.15 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	77.4	58.5	98.5	
65	98.9	57.6	97.6	

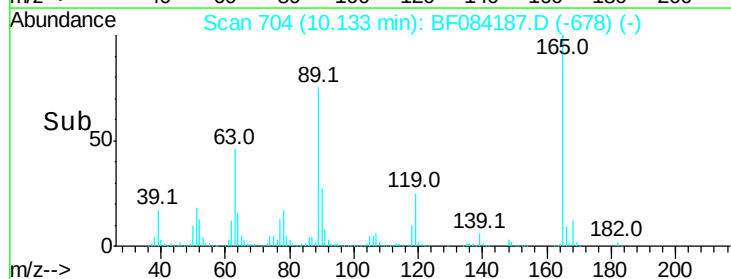
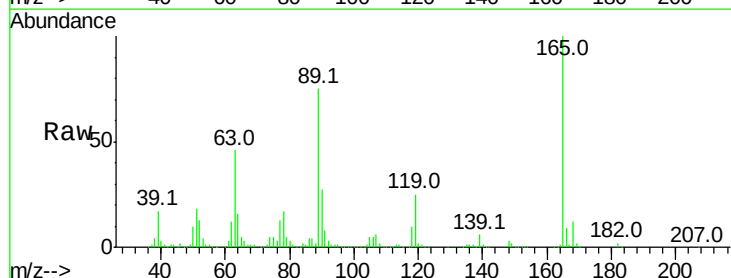
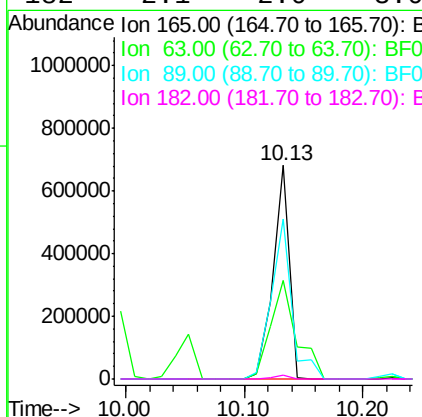
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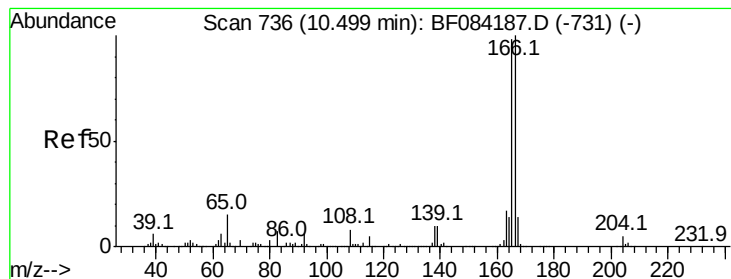
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#56
2,4-Dinitrotoluene
Concen: 46.43 ng
RT: 10.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	46.4	36.7	55.1	
89	75.0	61.9	92.9	
182	2.1	2.0	3.0	





#57

Fluorene

Concen: 35.32 ng

RT: 10.50 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:166 Resp: 1848464

Ion Ratio Lower Upper

166 100

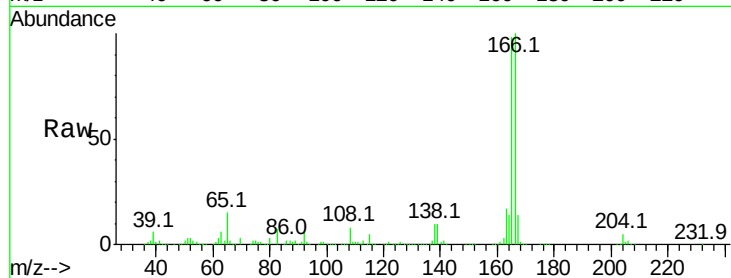
165 98.4 79.1 118.7

167 13.7 10.4 15.6

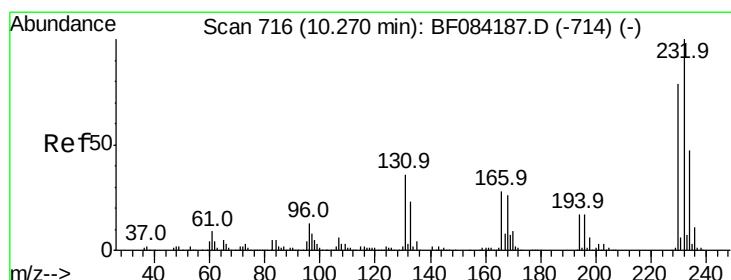
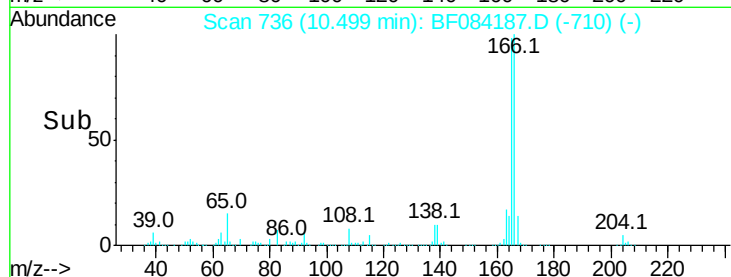
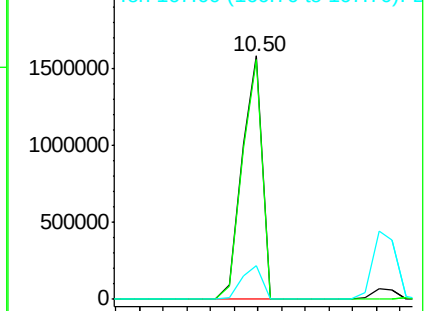
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.43 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Tgt Ion:232 Resp: 522787

Ion Ratio Lower Upper

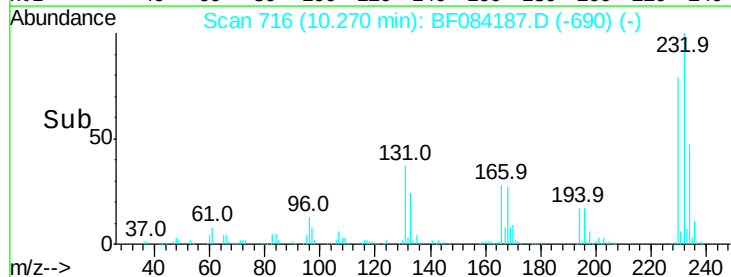
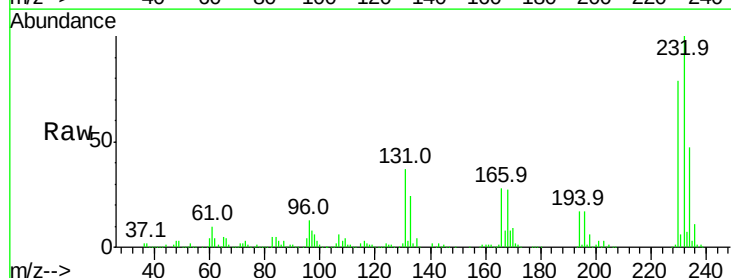
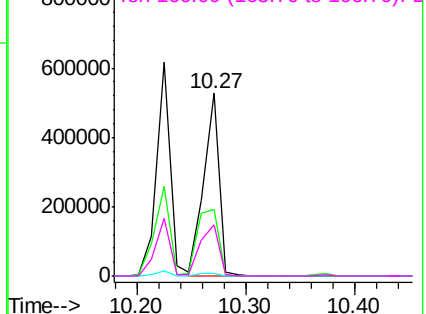
232 100

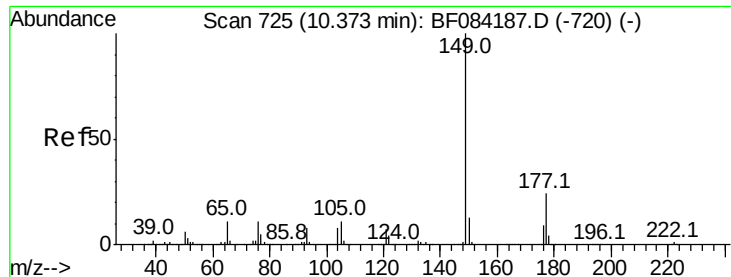
131 51.1 47.0 70.6

130 2.3 2.0 3.0

166 34.0 30.5 45.7

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





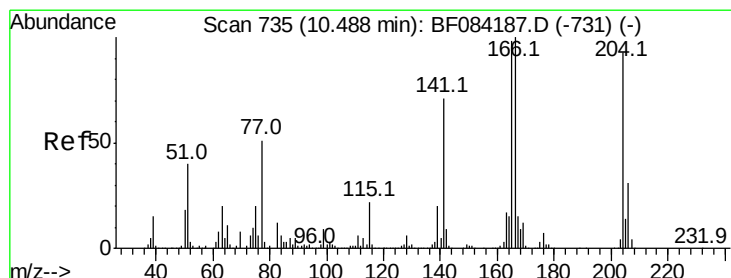
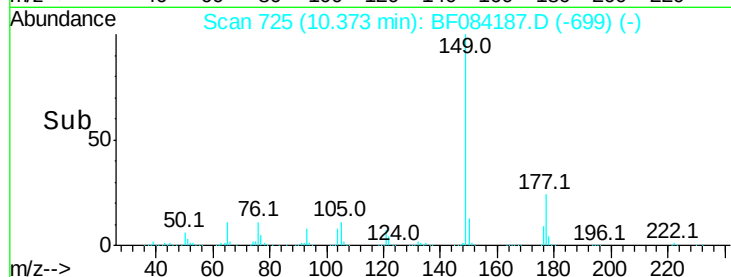
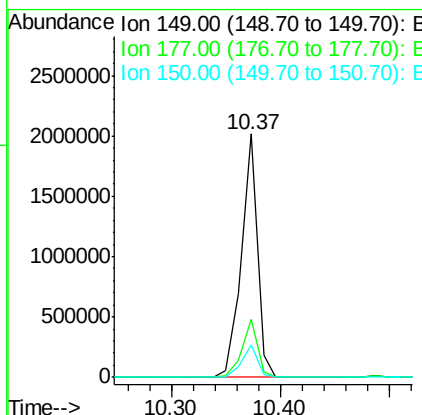
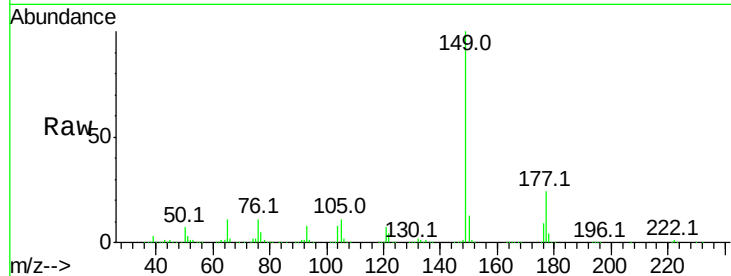
#59
Diethylphthalate
Concen: 35.73 ng
RT: 10.37 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:149 Resp: 2025364
Ion Ratio Lower Upper
149 100
177 23.7 17.3 25.9
150 13.5 9.8 14.8

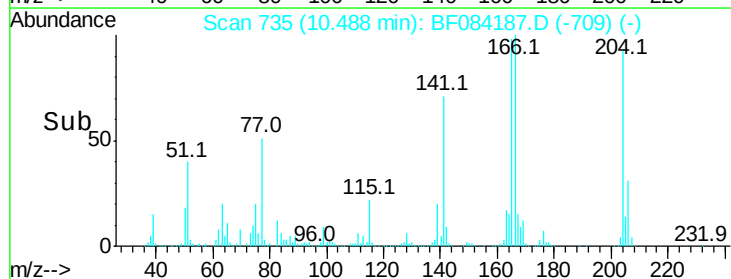
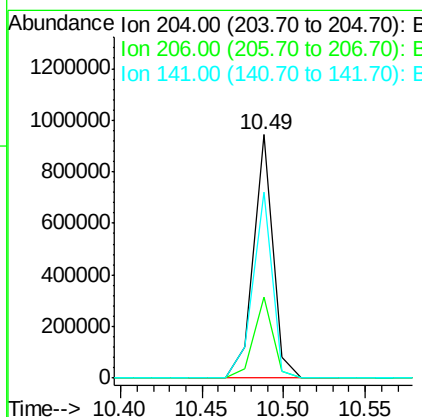
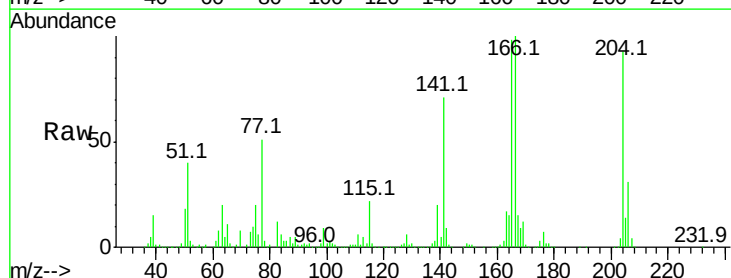
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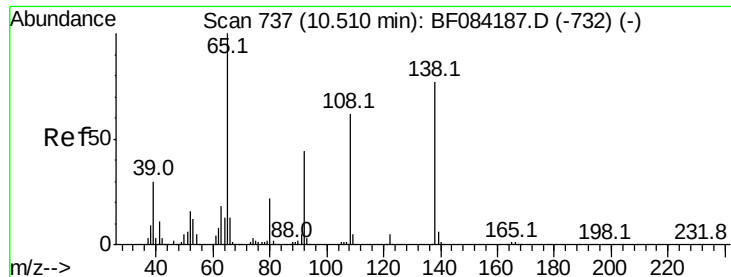
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#60
4-Chlorophenyl-phenylether
Concen: 33.44 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Tgt Ion:204 Resp: 786545
Ion Ratio Lower Upper
204 100
206 33.5 25.7 38.5
141 76.2 55.1 82.7





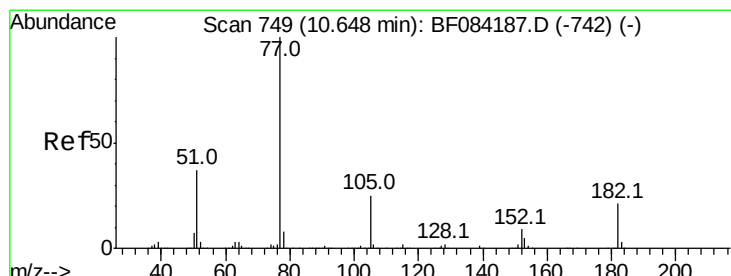
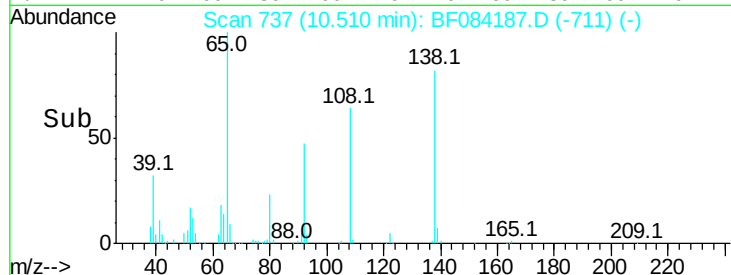
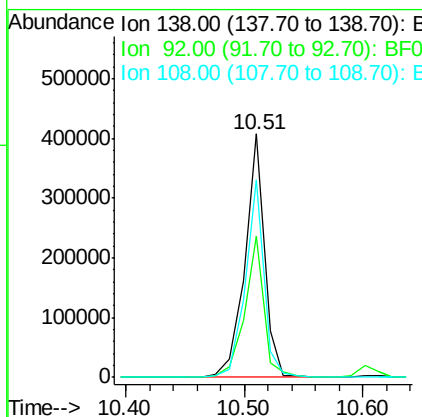
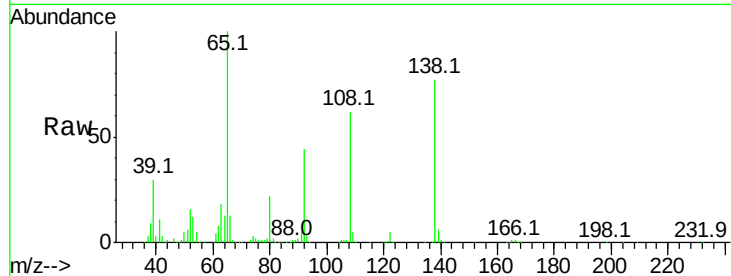
#61
4-Nitroaniline
Concen: 40.29 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	57.7	32.6	72.6
108	81.1	68.6	108.6

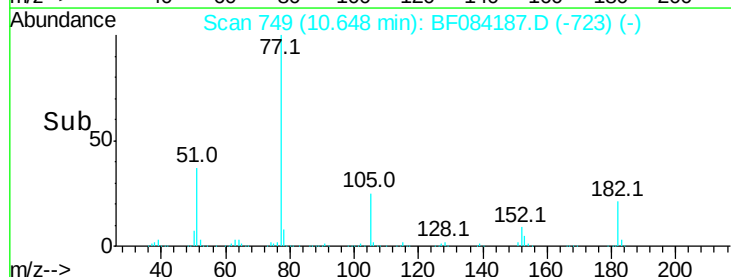
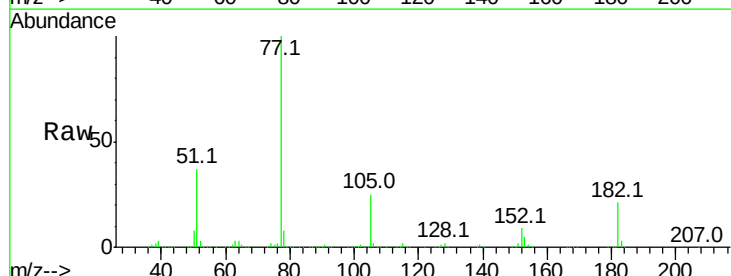
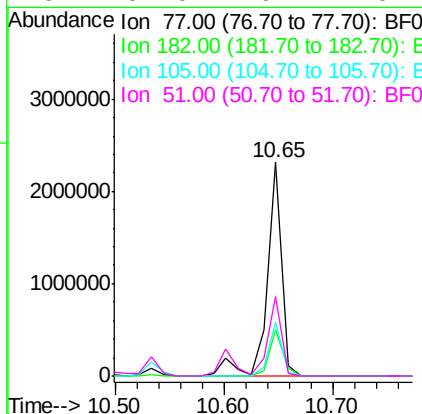
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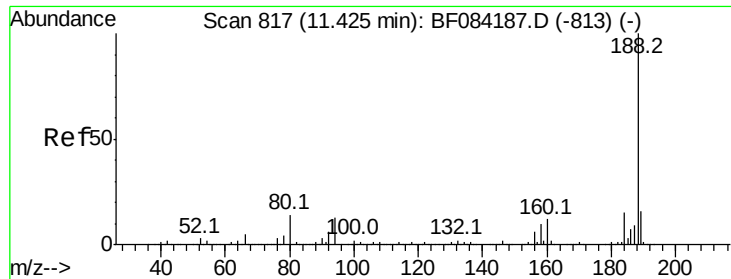
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#62
Azobenzene
Concen: 37.52 ng
RT: 10.65 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.4	8.3	48.3
105	24.9	4.6	44.6
51	37.0	6.2	46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:188 Resp: 1247663

Ion Ratio Lower Upper

188 100

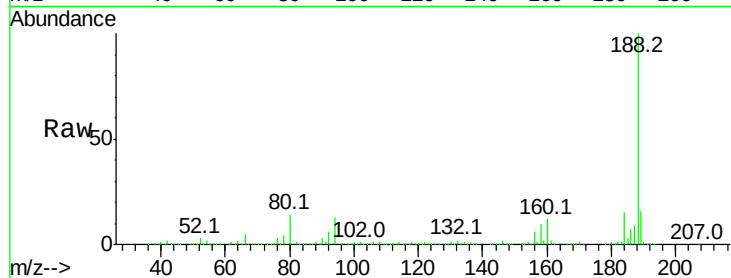
94 12.6 9.0 13.4

80 13.8 9.6 14.4

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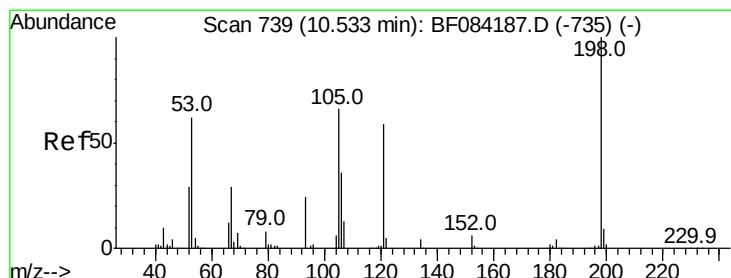
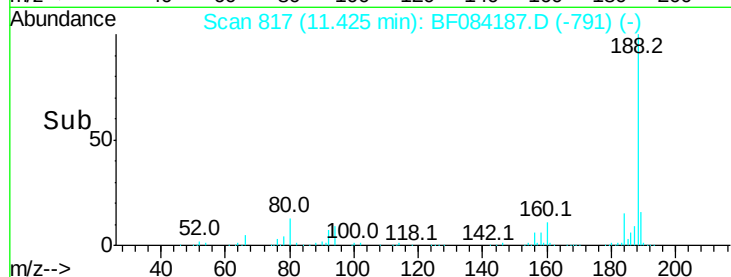
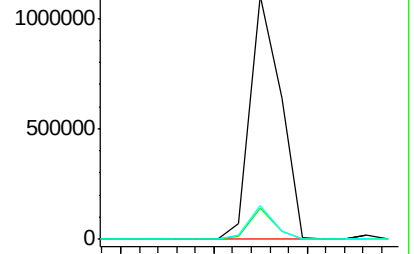
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 52.51 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

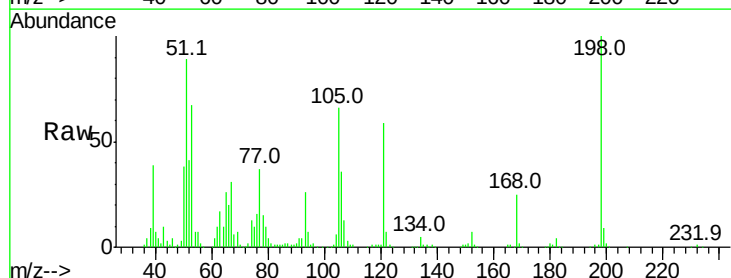
Tgt Ion:198 Resp: 284202

Ion Ratio Lower Upper

198 100

51 89.4 18.9 58.9#

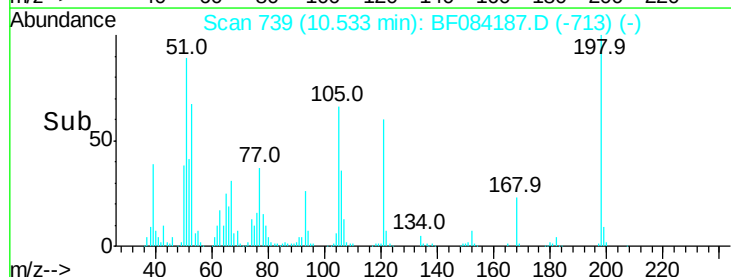
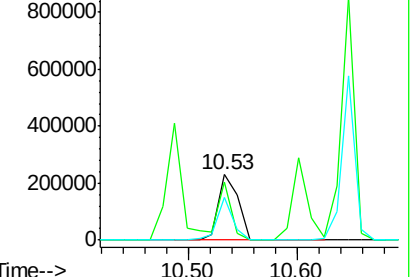
105 66.2 26.4 66.4

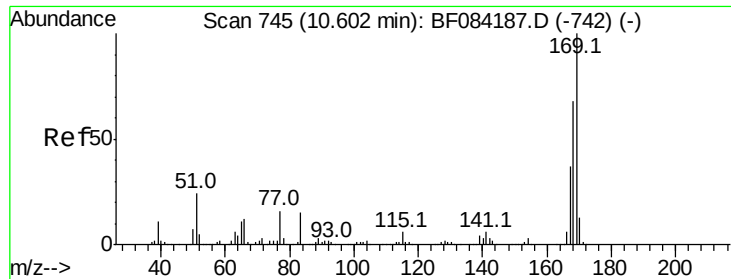


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.93 ng

RT: 10.60 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:169 Resp: 1613628

Ion Ratio Lower Upper

169 100

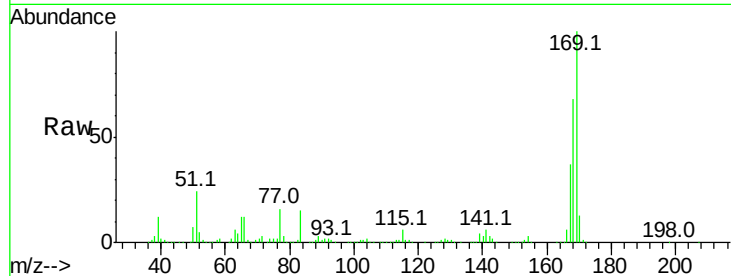
168 67.6 55.1 82.7

167 37.1 30.0 45.0

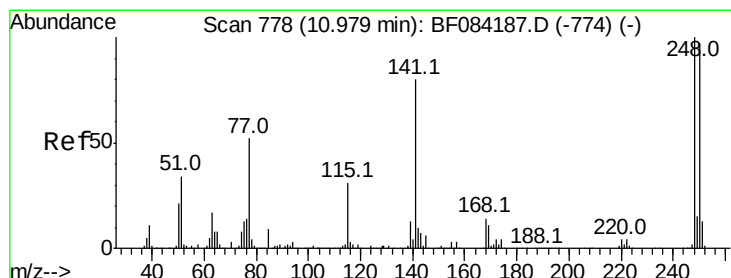
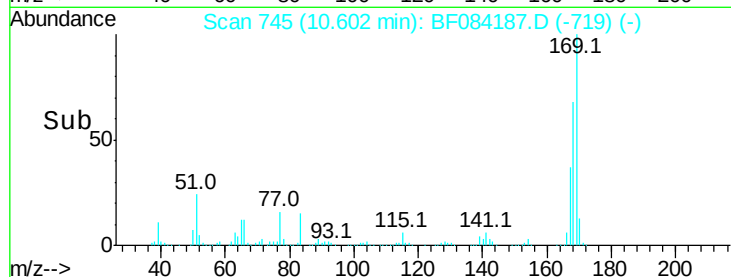
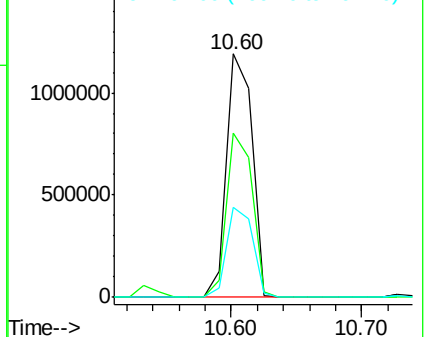
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.78 ng

RT: 10.98 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

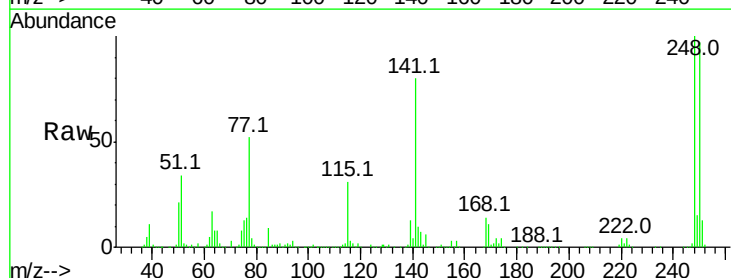
Tgt Ion:248 Resp: 574106

Ion Ratio Lower Upper

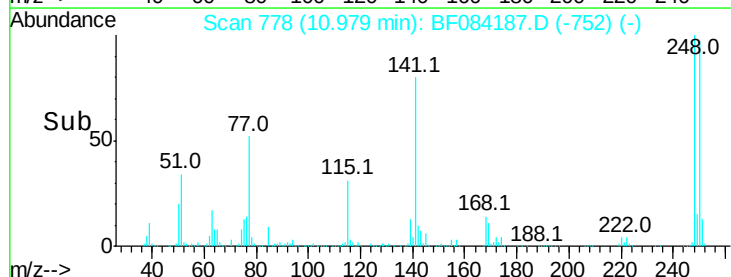
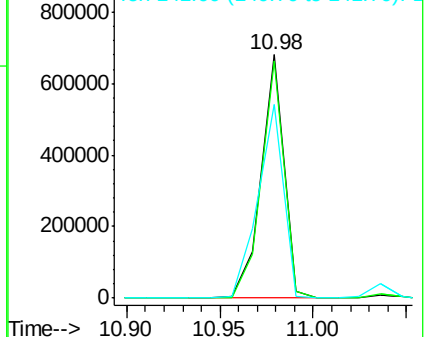
248 100

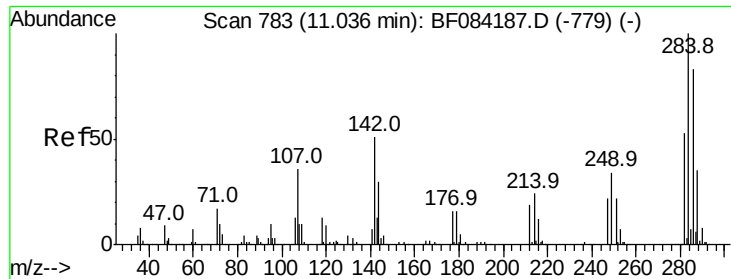
250 97.4 78.4 117.6

141 79.7 44.0 66.0#



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: 35.84 ng

RT: 11.04 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:284 Resp: 573897
Ion Ratio Lower Upper

284 100

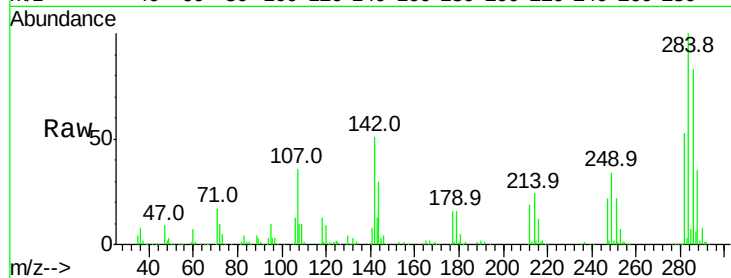
142 50.8 22.2 33.4#

249 34.3 24.6 37.0

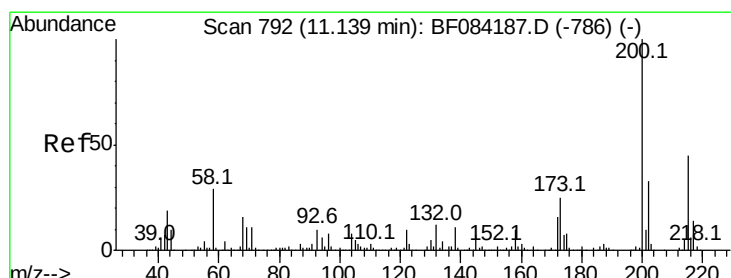
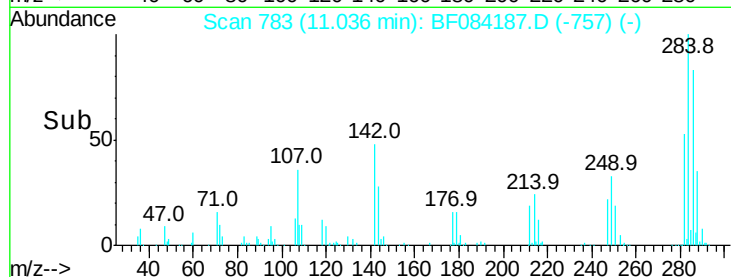
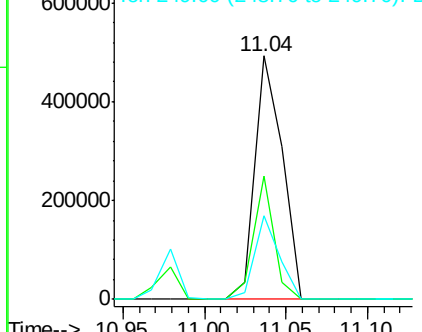
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.81 ng

RT: 11.14 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF084187.D

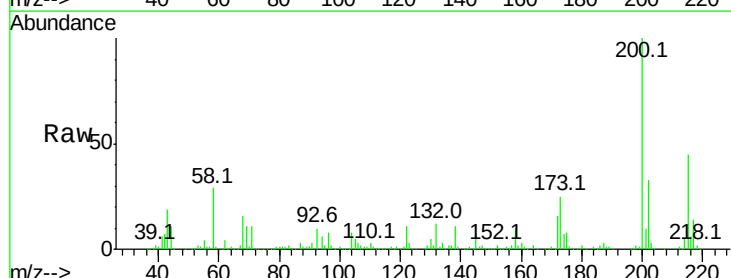
Acq: 31 Dec 2015 10:42

Tgt Ion:200 Resp: 590945
Ion Ratio Lower Upper

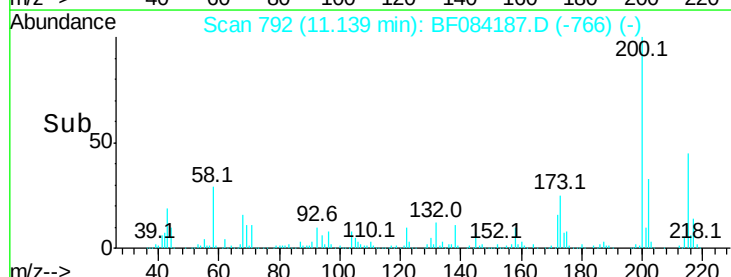
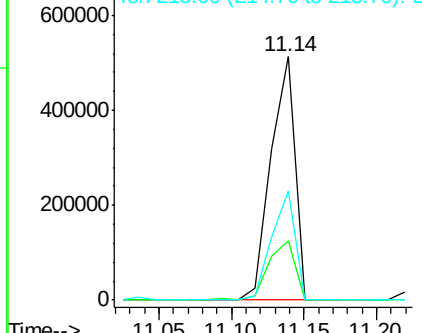
200 100

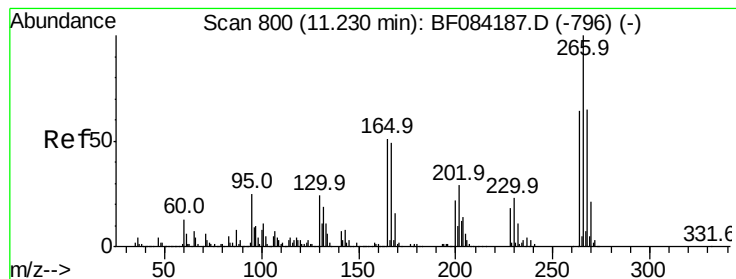
173 24.6 9.5 49.5

215 45.0 23.8 63.8



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: 52.38 ng

RT: 11.23 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Instrument :

BNA_F

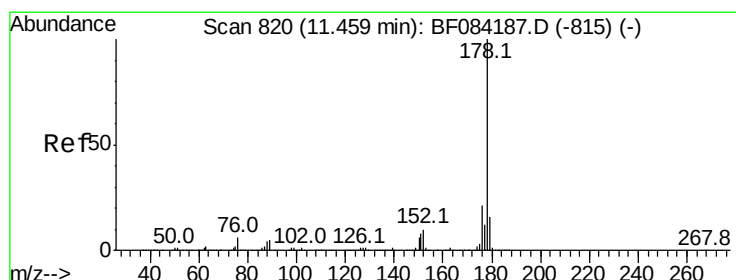
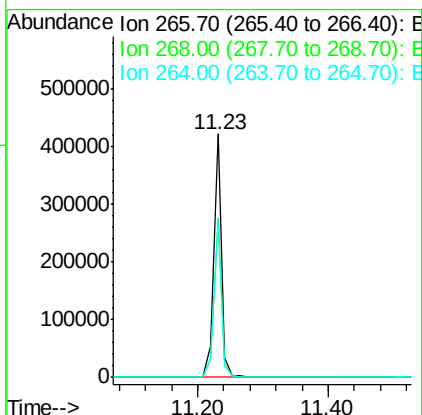
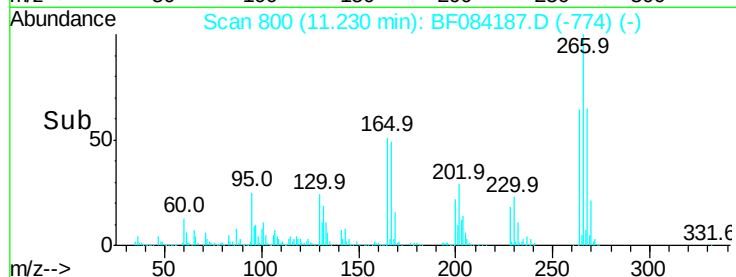
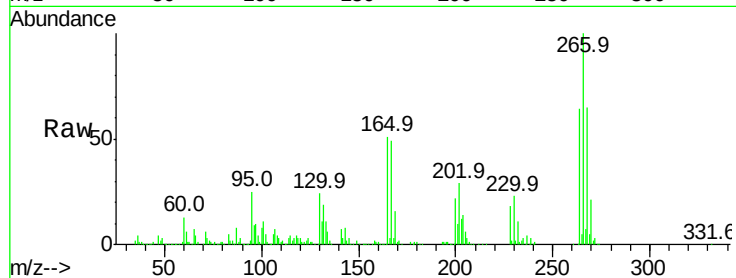
ClientSampleId :

SSTDICCC040

Tot Ion:	266	Resp:	359015
Ion Ratio	Lower	Upper	
266	100		
268	65.3	52.4	78.6
264	64.1	50.2	75.2

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#70

Phenanthrene

Concen: 37.16 ng

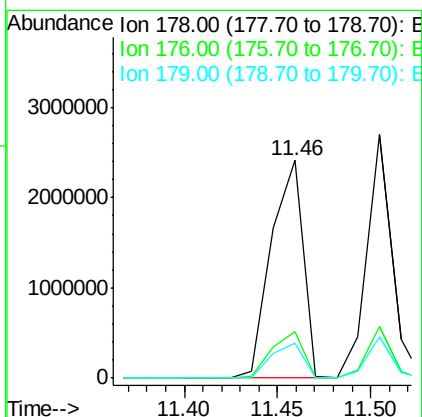
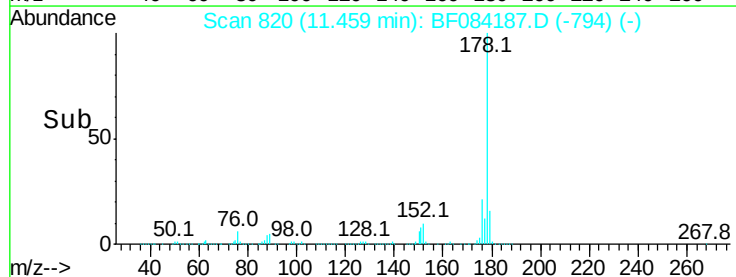
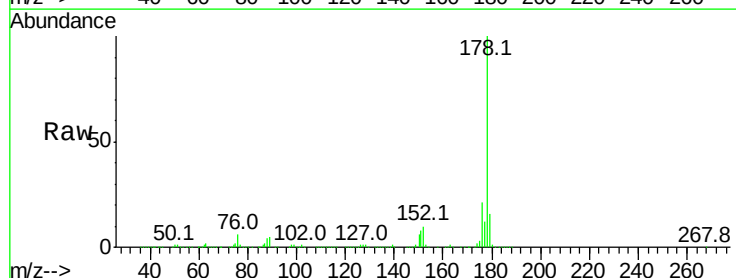
RT: 11.46 min Scan# 820

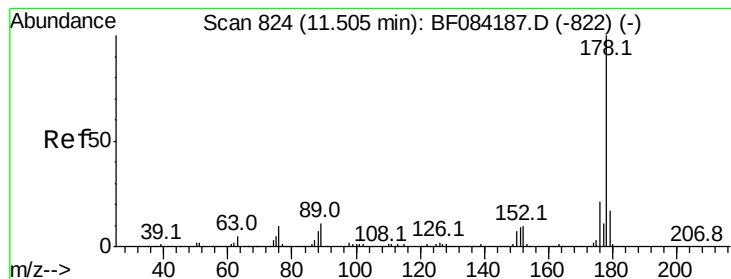
Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Tgt Ion:	178	Resp:	2856582
Ion Ratio	Lower	Upper	
178	100		
176	21.1	15.3	22.9
179	16.3	12.0	18.0





#71

Anthracene

Concen: 33.60 ng

RT: 11.50 min Scan# 824

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:178 Resp: 2472758

Ion Ratio Lower Upper

178 100

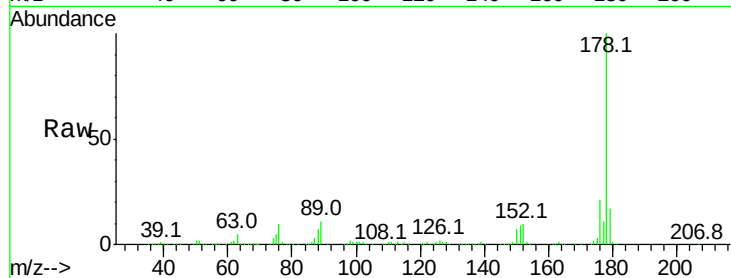
176 21.2 15.4 23.0

179 17.3 12.5 18.7

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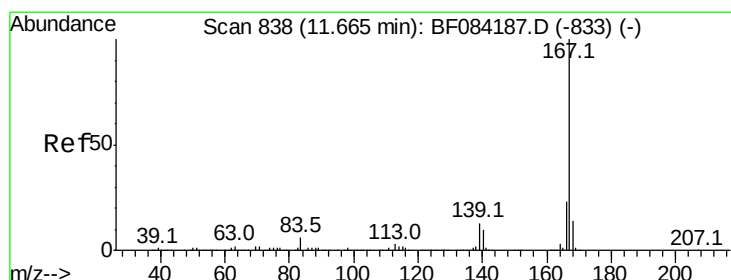
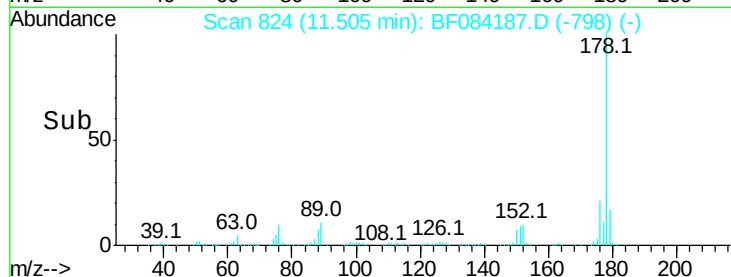
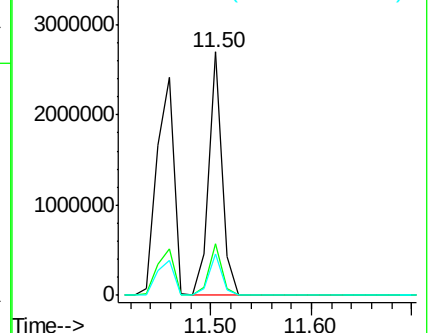
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.60 ng

RT: 11.66 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

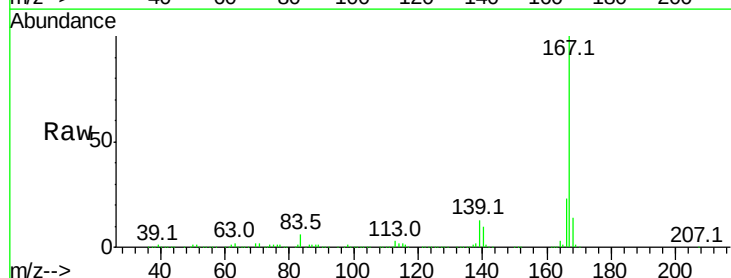
Tgt Ion:167 Resp: 2624160

Ion Ratio Lower Upper

167 100

166 23.4 17.6 26.4

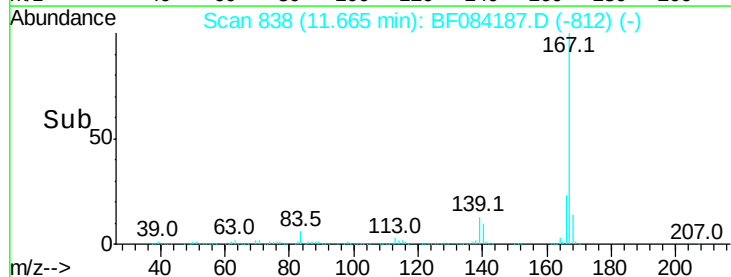
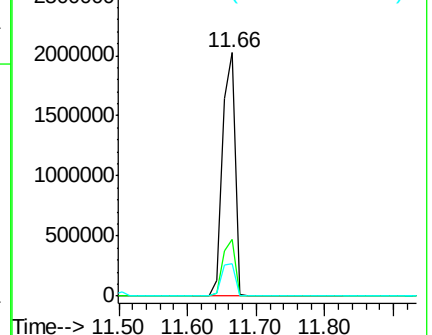
139 13.1 11.8 17.8

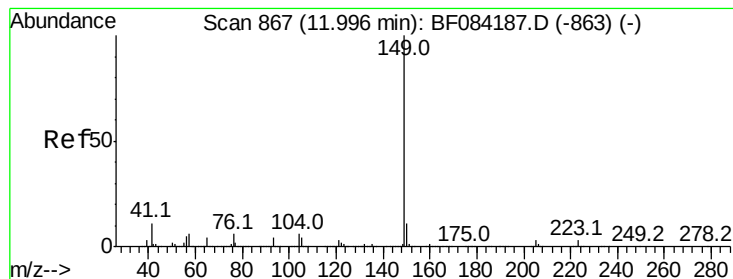


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





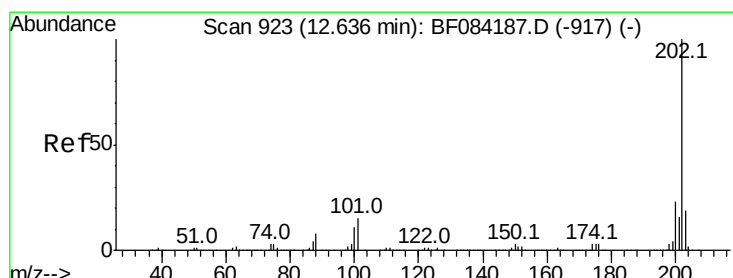
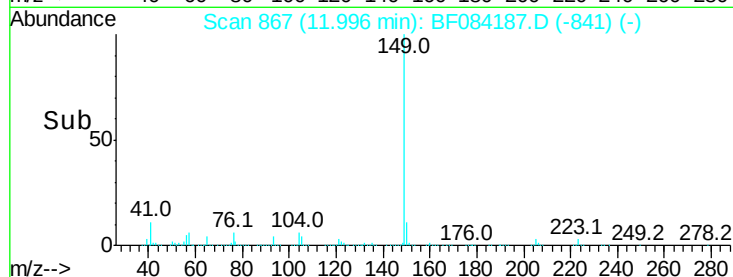
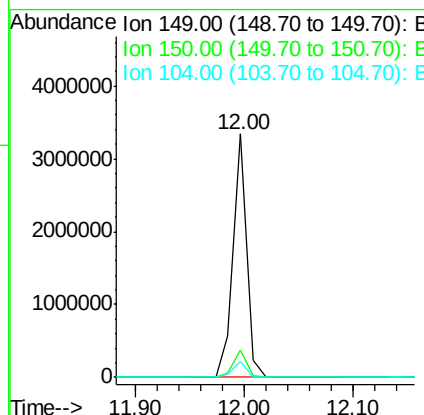
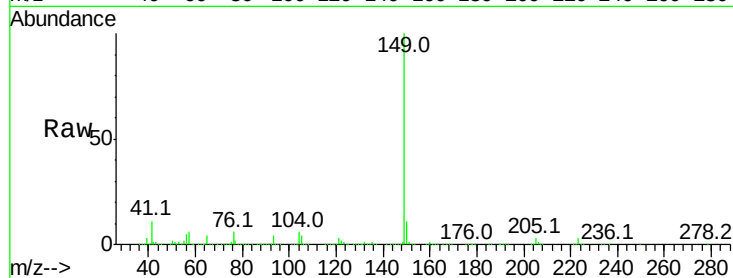
#73
Di-n-butylphthalate
Concen: 35.09 ng
RT: 12.00 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:149 Resp: 2850958
Ion Ratio Lower Upper
149 100
150 11.0 7.1 10.7#
104 6.4 3.2 4.8#

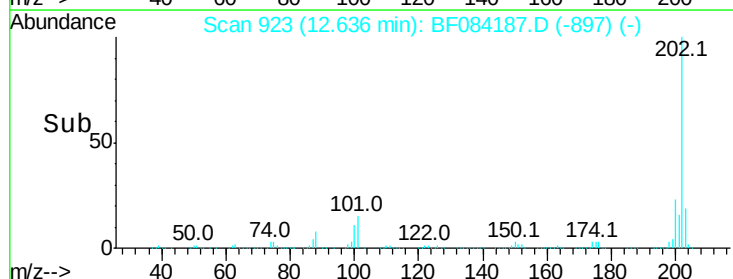
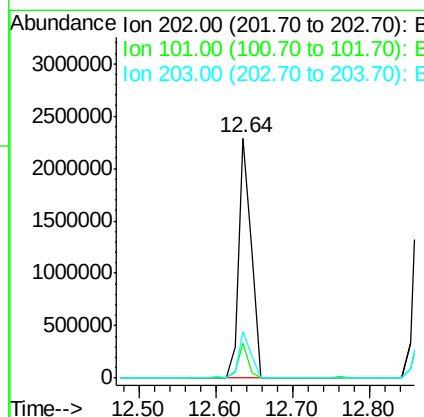
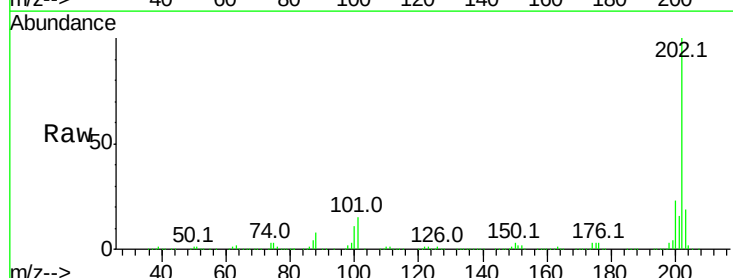
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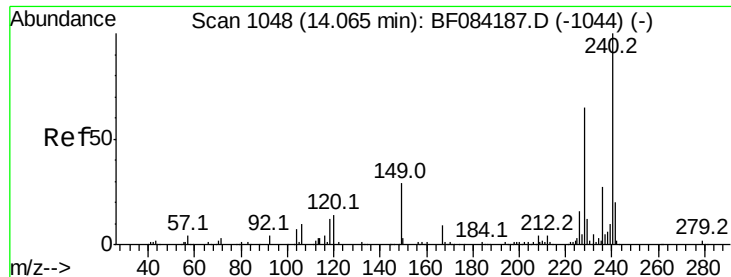
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#74
Fluoranthene
Concen: 35.57 ng
RT: 12.64 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Tgt Ion:202 Resp: 2631218
Ion Ratio Lower Upper
202 100
101 14.5 0.0 32.8
203 19.1 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Instrument :

BNA_F

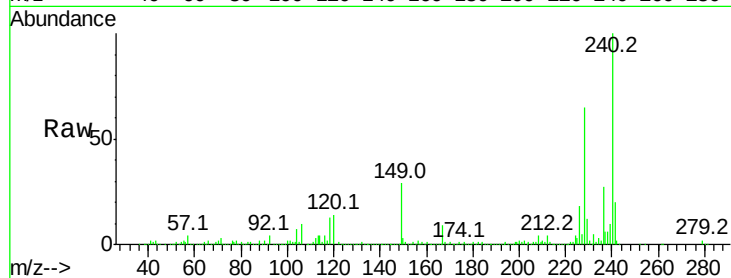
ClientSampleId :

SSTDICCC040

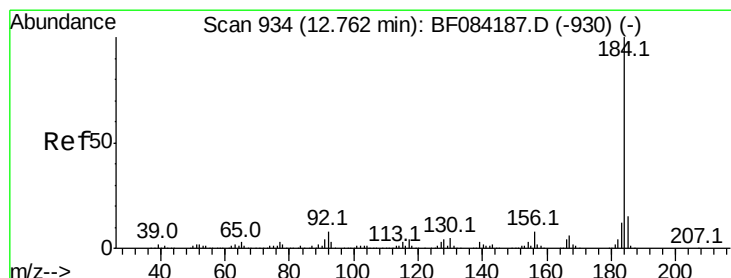
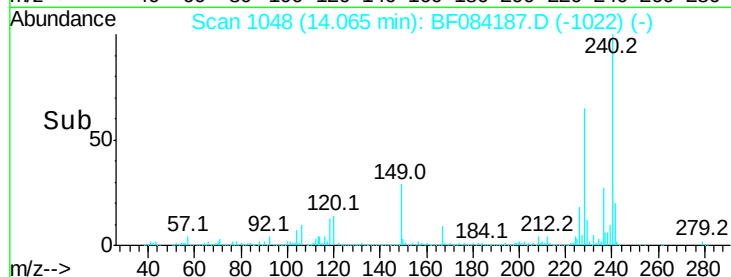
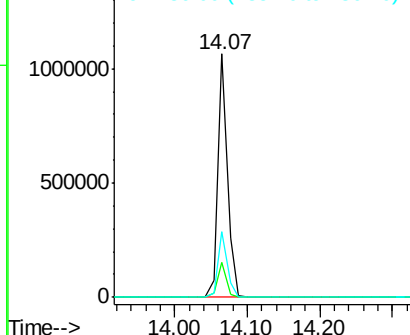
Tot Ion:	240	Resp:	972193
Ion Ratio	Lower	Upper	
240	100		
120	14.2	9.5	14.3
236	26.8	20.6	31.0

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.68 ng

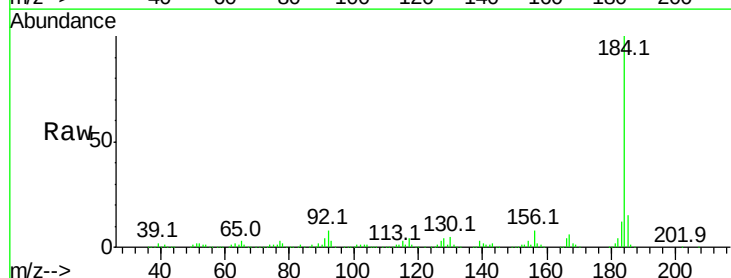
RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

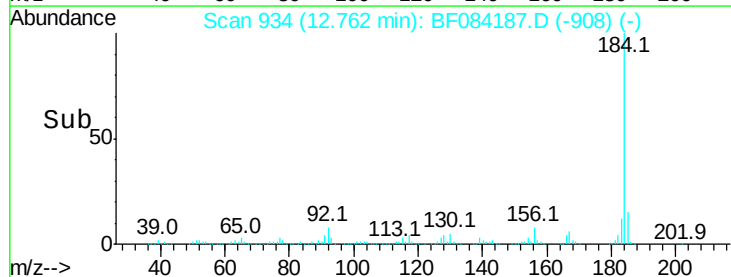
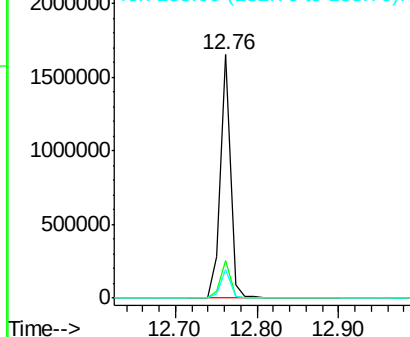
Lab File: BF084187.D

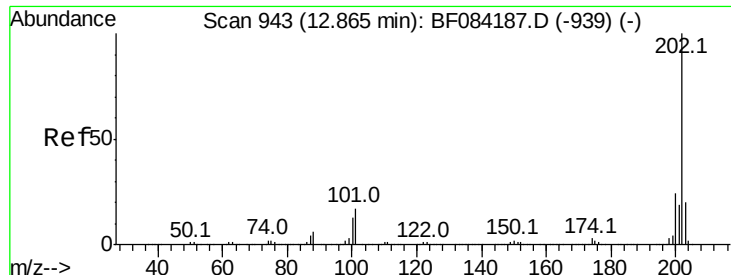
Acq: 31 Dec 2015 10:42

Tgt Ion:	184	Resp:	1413922
Ion Ratio	Lower	Upper	
184	100		
185	15.4	12.2	18.2
183	11.7	9.8	14.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





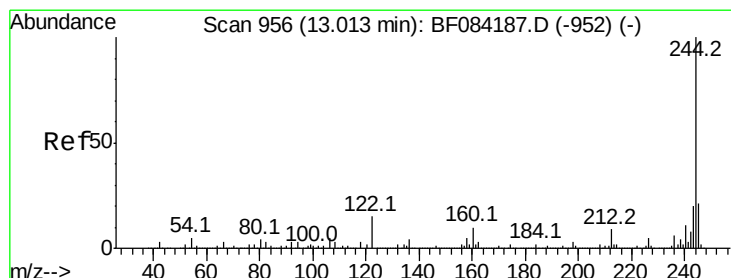
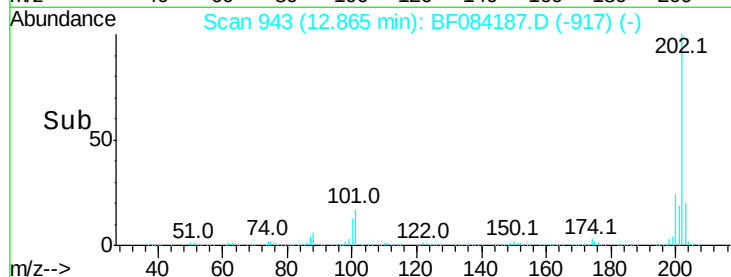
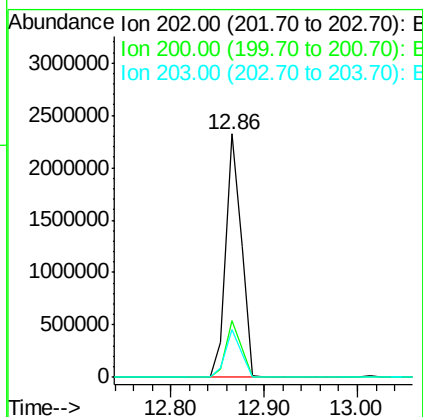
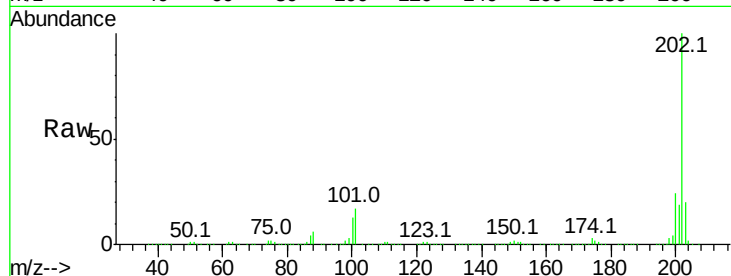
#77
 Pvrene
 Concen: 36.14 ng
 RT: 12.86 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF084187.D
 Acq: 31 Dec 2015 10:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.6	17.2	25.8
203	19.6	14.3	21.5

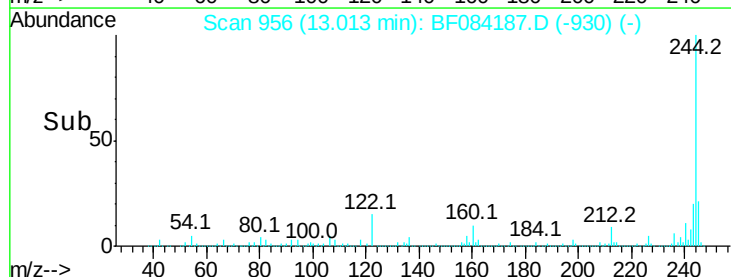
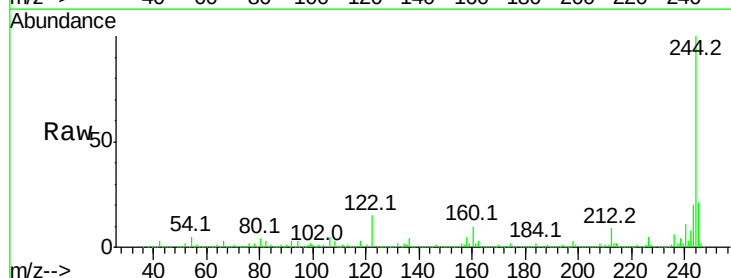
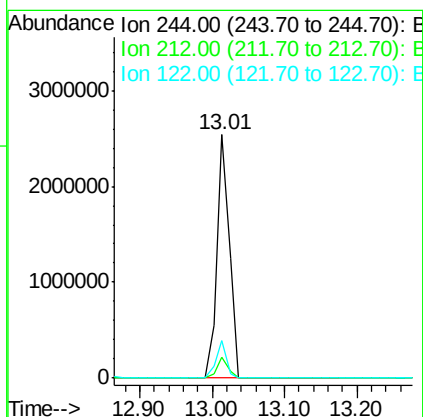
Manual Integrations
 APPROVED

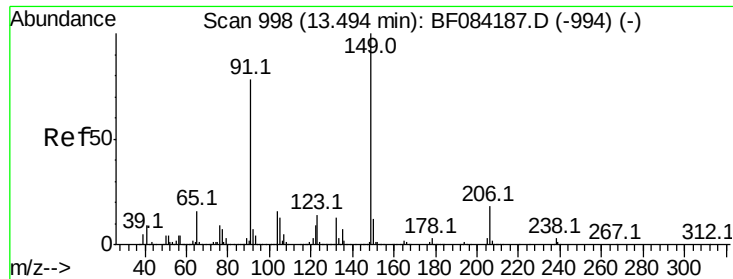
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#78
 Terphenyl-d14
 Concen: 34.08 ng
 RT: 13.01 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BF084187.D
 Acq: 31 Dec 2015 10:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.7	8.5#
122	15.4	7.4	11.0#





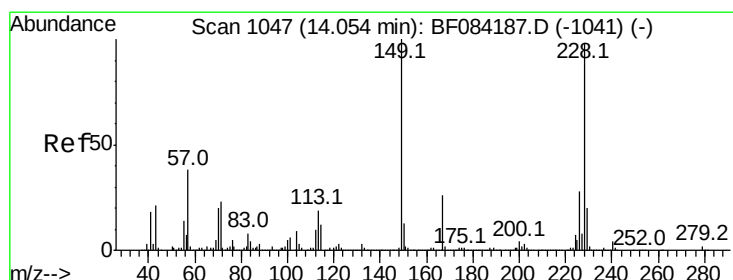
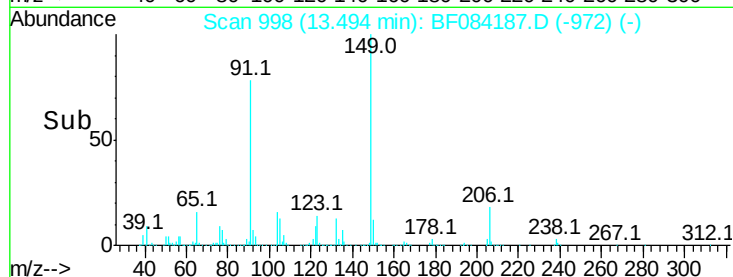
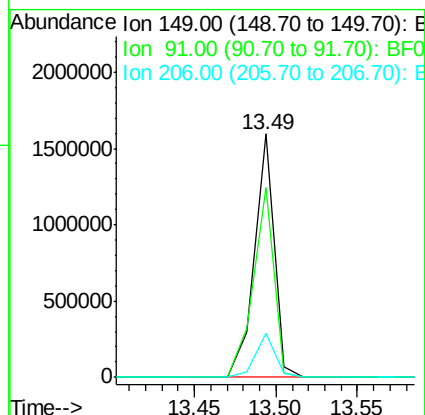
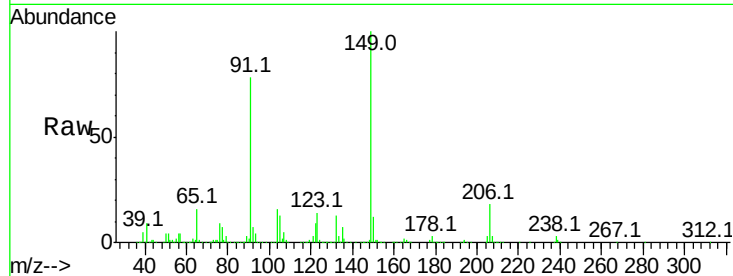
#79
Butylbenzylphthalate
Concen: 41.51 ng
RT: 13.49 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	77.7	57.6	86.4
206	18.2	13.2	19.8

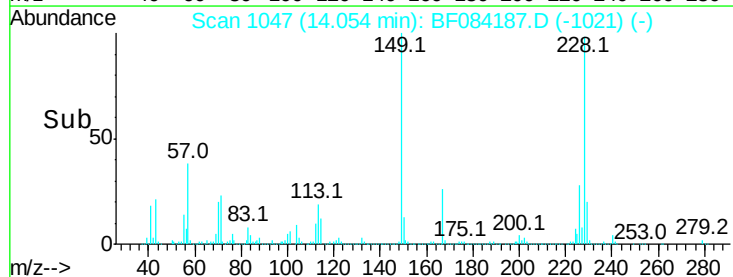
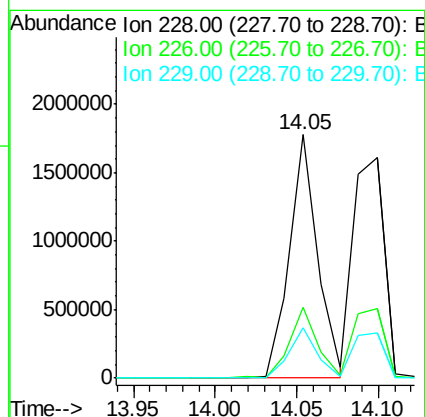
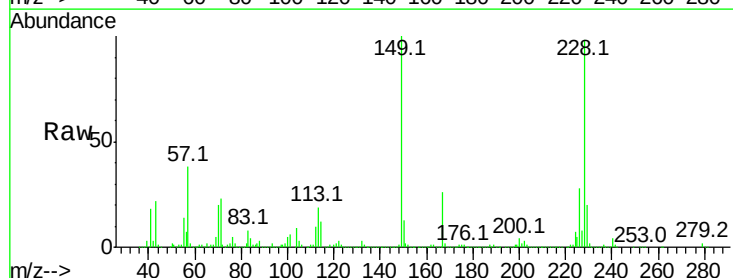
Manual Integrations
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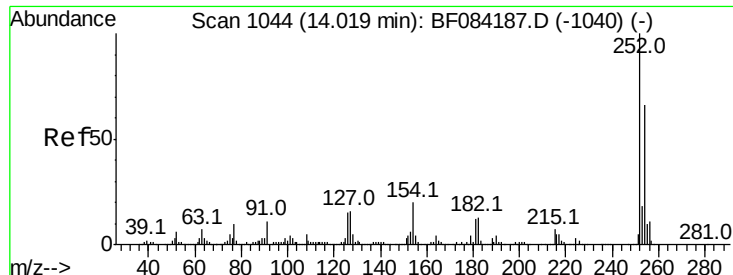
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#80
Benzo(a)anthracene
Concen: 36.46 ng
RT: 14.05 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	21.8	32.6
229	20.6	15.8	23.8





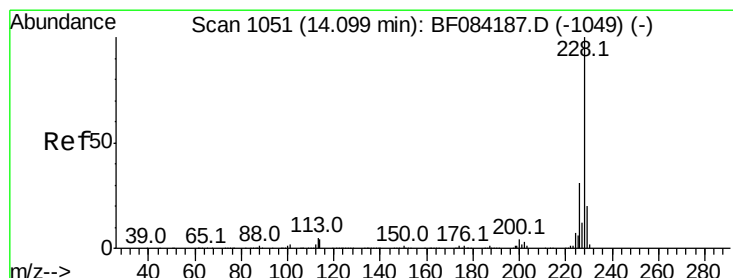
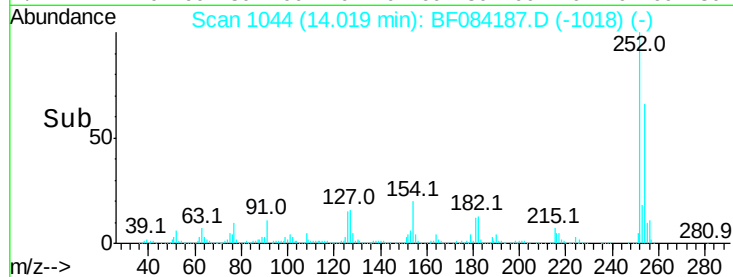
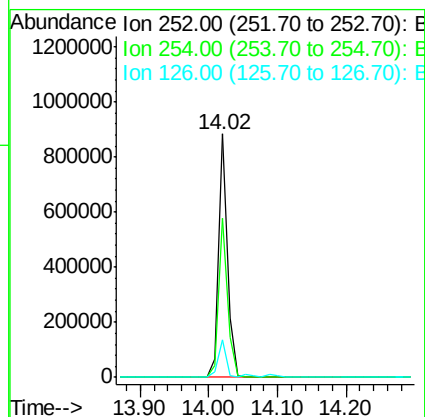
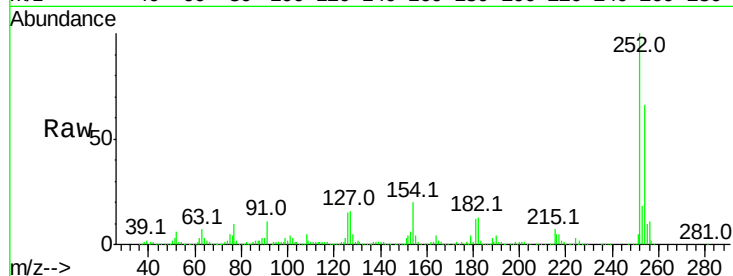
#81
 3,3'-Dichlorobenzidine
 Concen: 40.95 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF084187.D
 Acq: 31 Dec 2015 10:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.5	53.5	80.3
126	15.2	4.9	7.3

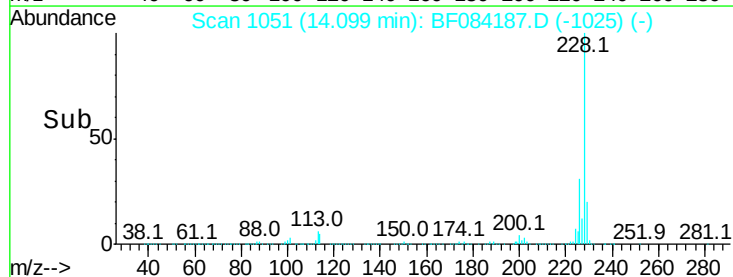
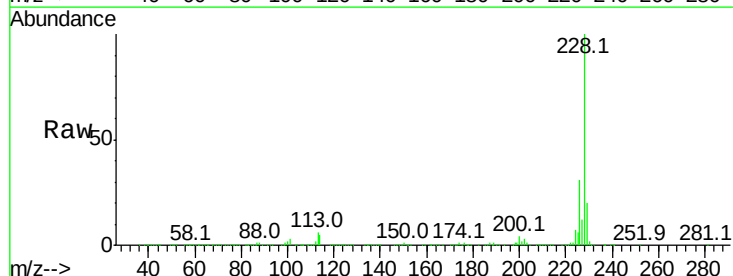
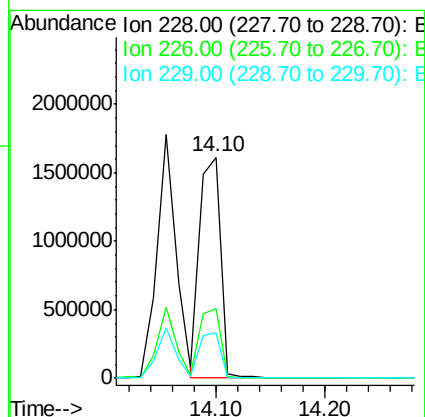
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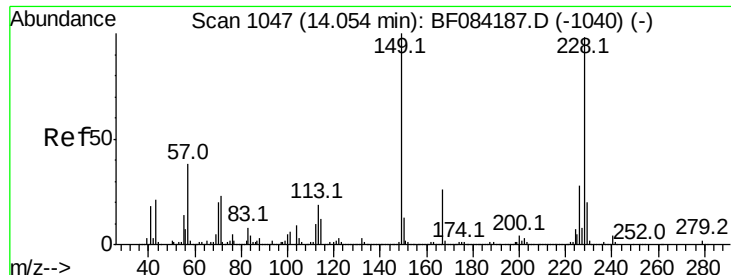
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#82
 Chrysene
 Concen: 40.19 ng
 RT: 14.10 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BF084187.D
 Acq: 31 Dec 2015 10:42

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.2	24.3	36.5
229	20.4	16.1	24.1





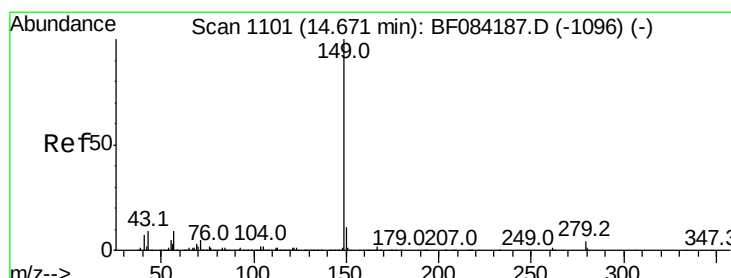
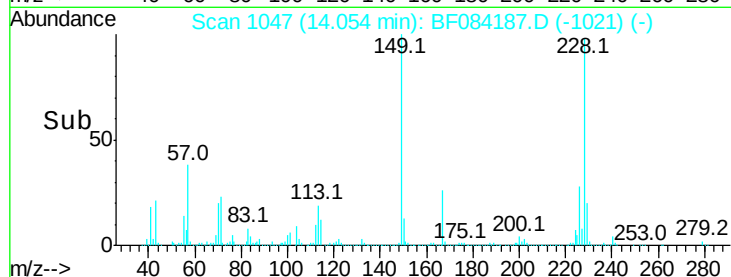
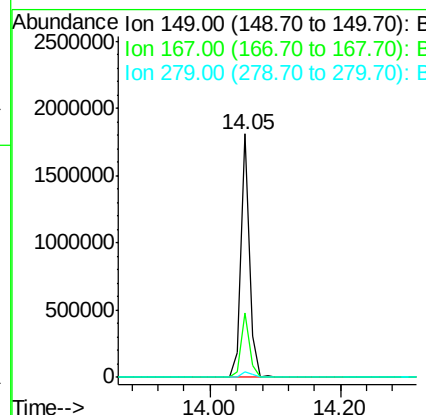
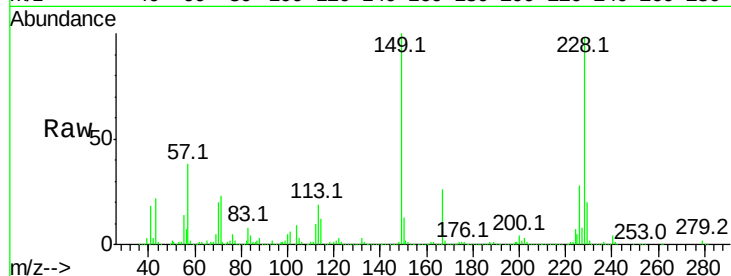
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.26 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: BF084187.D
 Acq: 31 Dec 2015 10:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:149 Resp: 1601305
 Ion Ratio Lower Upper
 149 100
 167 26.3 19.7 29.5
 279 2.5 1.8 2.6

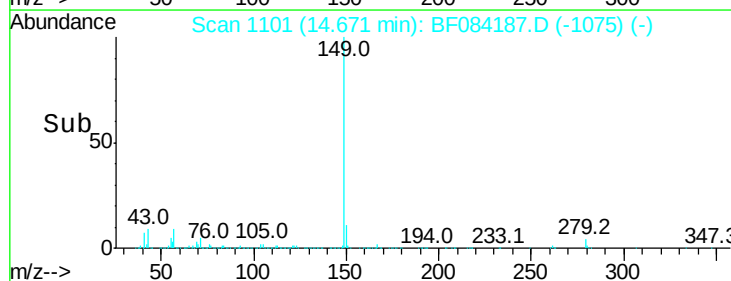
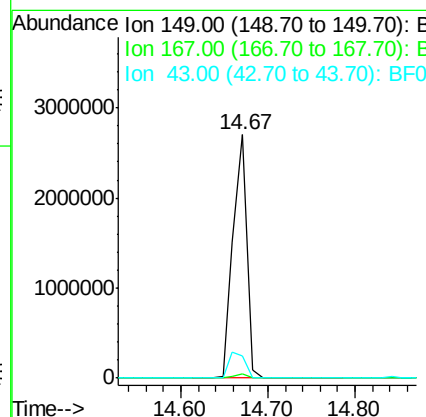
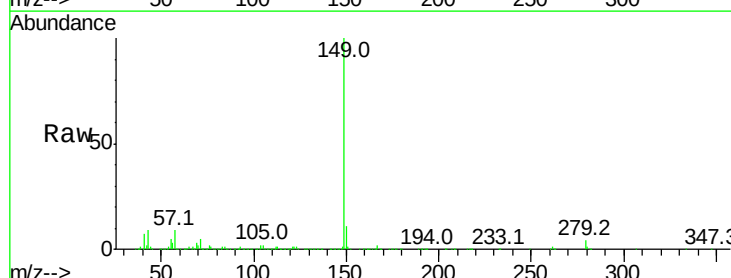
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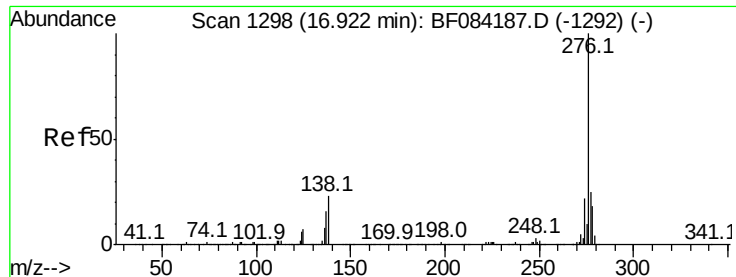
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#84
 Di-n-octyl phthalate
 Concen: 41.90 ng
 RT: 14.67 min Scan# 1101
 Delta R.T. 0.00 min
 Lab File: BF084187.D
 Acq: 31 Dec 2015 10:42

Tgt Ion:149 Resp: 2970761
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 12.9 5.6 8.4#





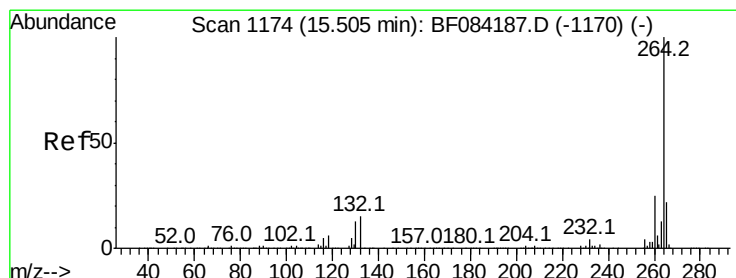
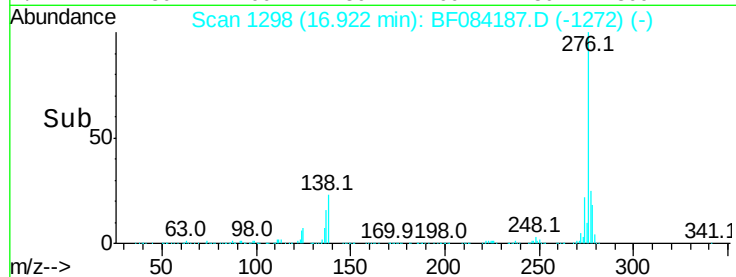
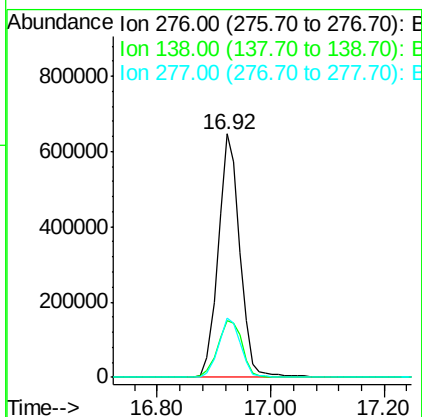
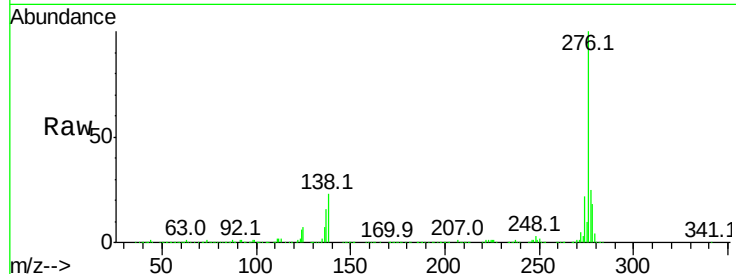
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.32 ng
RT: 16.92 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.4	20.6	30.8
277	25.1	20.1	30.1

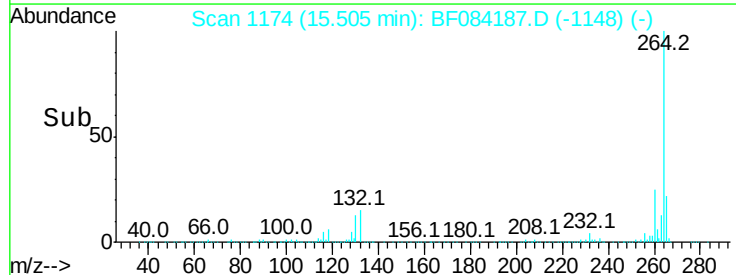
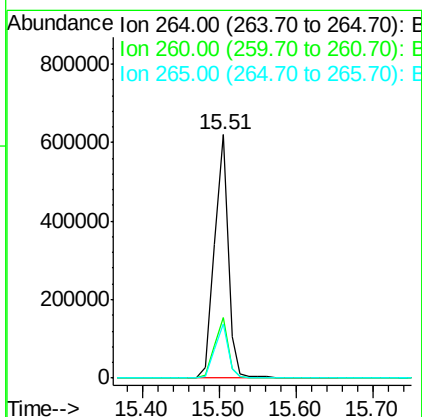
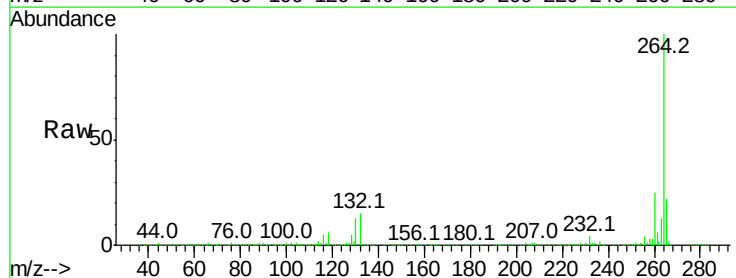
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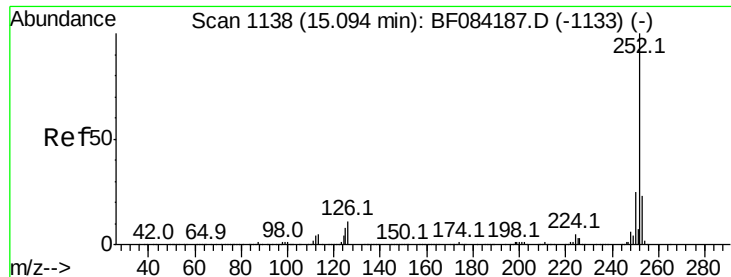
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	22.1	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 39.23 ng

RT: 15.09 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:252 Resp: 2101969

Ion Ratio Lower Upper

252 100

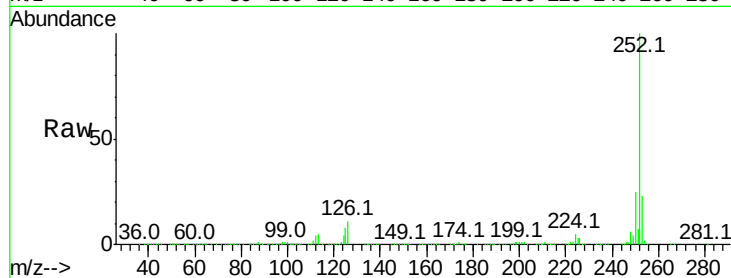
253 22.8 17.3 25.9

125 8.3 6.5 9.7

Manual Integrations
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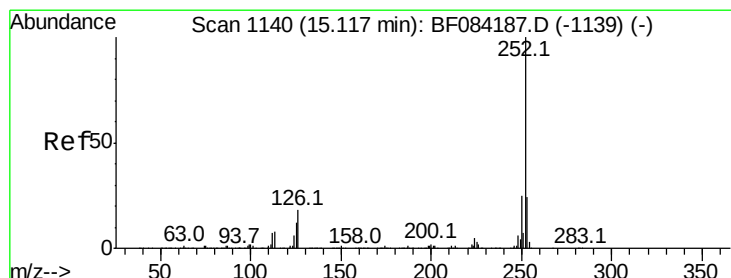
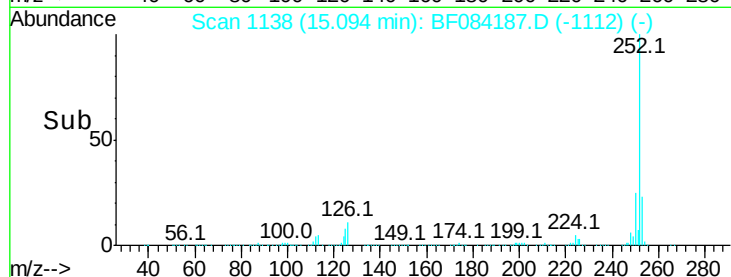
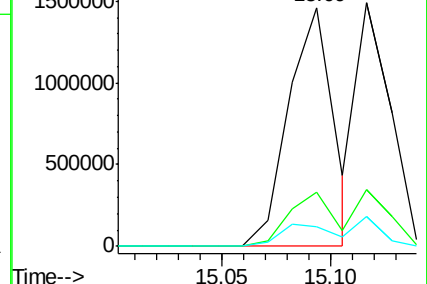
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 36.15 ng m

RT: 15.12 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BF084187.D

Acq: 31 Dec 2015 10:42

Tgt Ion:252 Resp: 1633726

Ion Ratio Lower Upper

252 100

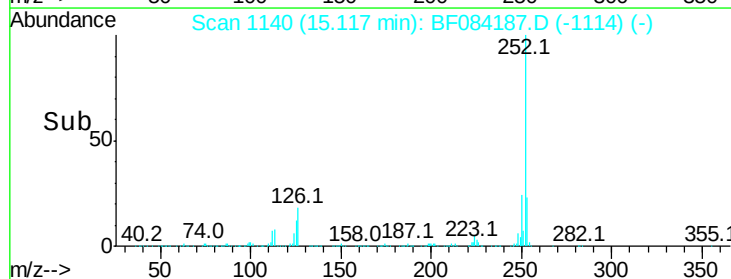
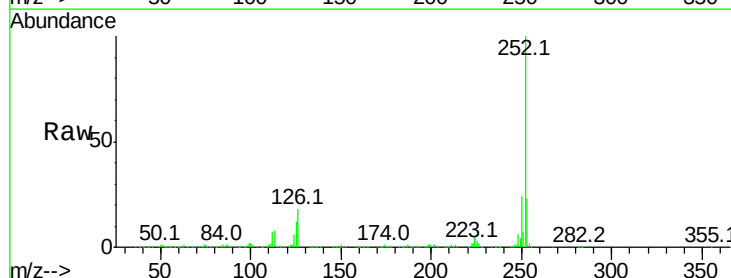
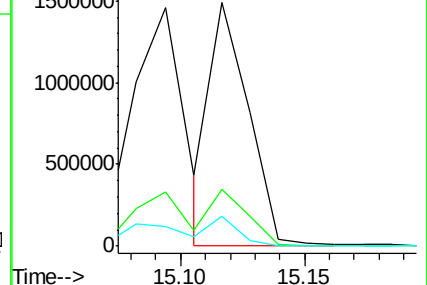
253 23.2 18.1 27.1

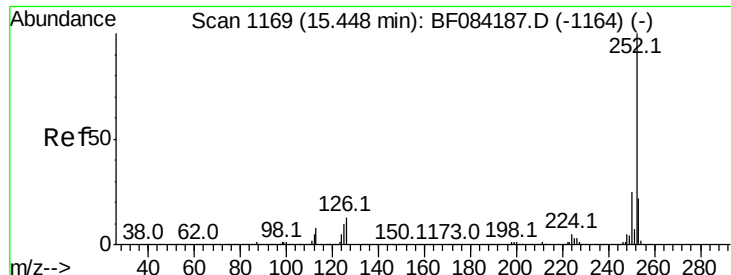
125 12.3 9.0 13.6

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





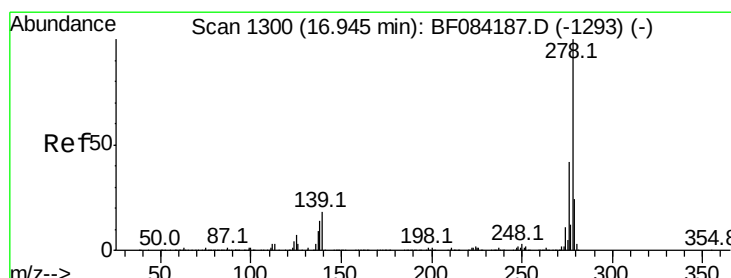
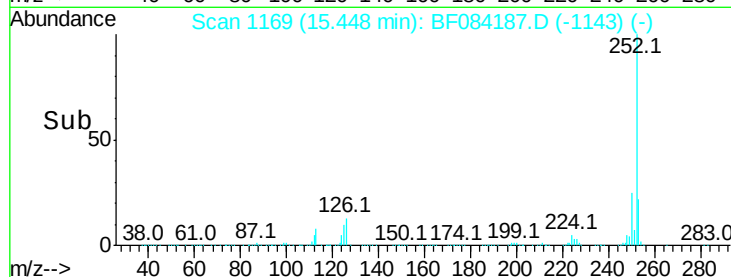
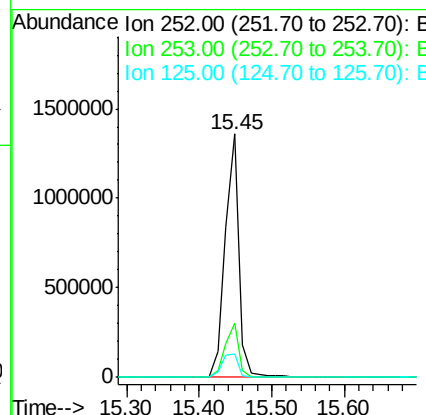
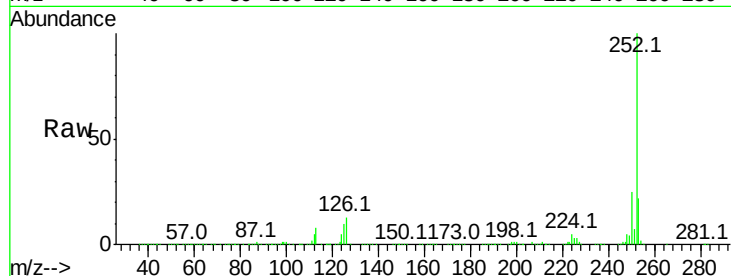
#89
Benzo(a)pyrene
Concen: 40.24 ng
RT: 15.45 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	9.7	7.0	10.4

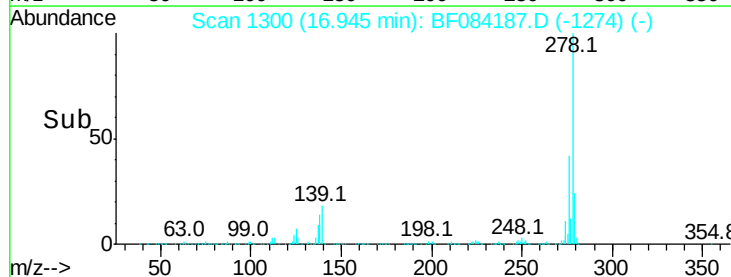
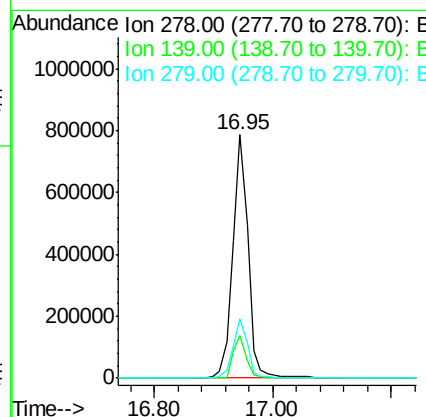
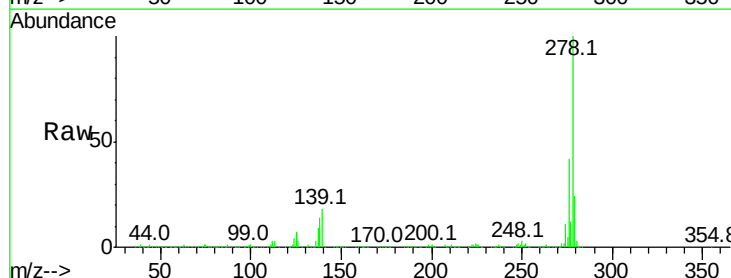
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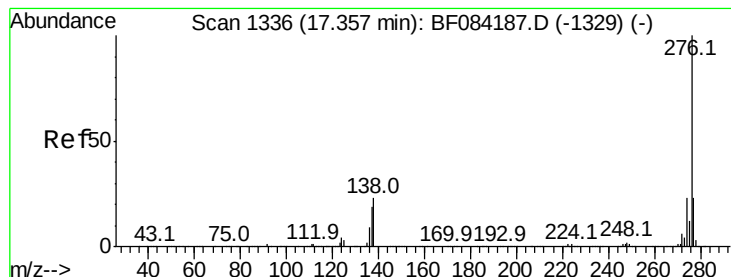
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#90
Dibenzo(a,h)anthracene
Concen: 38.91 ng
RT: 16.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF084187.D
Acq: 31 Dec 2015 10:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.6	15.0	22.4
279	24.2	18.9	28.3





#91

Benzo(a,h,i)perylene

Concen: 38.87 ng

RT: 17.36 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BF084187.D

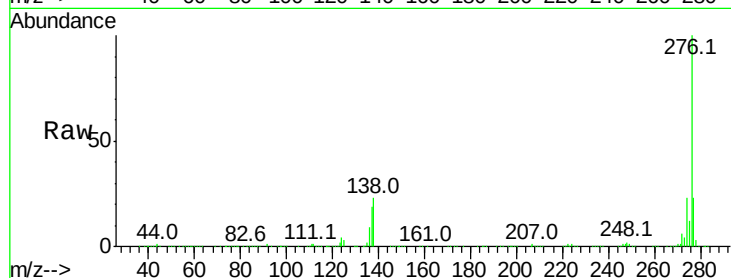
Acq: 31 Dec 2015 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tot Ion: 276 Resp: 1418403

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

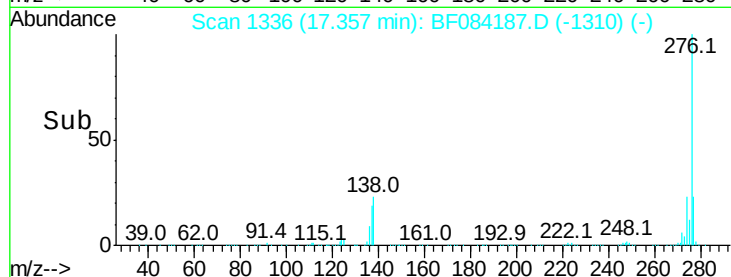
138 23.1 17.8 26.6

Manual Integrations

APPROVED

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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

