

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
 Data File : BF084210.D
 Acq On : 31 Dec 2015 22:21
 Operator : UM/SJ
 Sample : PB87627BSD
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87627BSD

Manual Integrations
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 1/4/2016 4:29:43 PM

Quant Time: Jan 02 00:10:24 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 14:15:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	290550	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1245731	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	557103	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	1010536	20.00	ng	0.00
75) Chrysene-d12	14.07	240	769572	20.00	ng	0.00
86) Perylene-d12	15.51	264	563840	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1392874	77.54	ng	0.01
7) Phenol-d6	6.53	99	2041670	90.50	ng	0.00
23) Nitrobenzene-d5	7.47	82	1889832	84.43	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	486945	86.58	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	2719427	85.94	ng	0.00
78) Terphenyl-d14	13.01	244	2416158	70.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	301382	35.42	ng	# 72
3) Pyridine	3.34	79	862693	36.36	ng	# 71
4) n-Nitrosodimethylamine	3.30	42	485505	39.87	ng	# 75
6) Aniline	6.56	93	768799	23.29	ng	# 83
8) 2-Chlorophenol	6.68	128	823272	40.40	ng	86
9) Benzaldehyde	6.44	77	353509	24.06	ng	95
10) Phenol	6.54	94	1192760	46.50	ng	85
11) bis(2-Chloroethyl)ether	6.64	93	777454	39.13	ng	# 83
12) 1,3-Dichlorobenzene	6.84	146	866311m	41.21	ng	
13) 1,4-Dichlorobenzene	6.92	146	888862	42.16	ng	93
14) 1,2-Dichlorobenzene	7.07	146	769911	38.13	ng	97
15) Benzyl Alcohol	7.05	79	825050	43.47	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.18	45	1437854	39.74	ng	84
17) 2-Methylphenol	7.16	107	731443	42.82	ng	97
18) Hexachloroethane	7.41	117	339326	40.25	ng	91
19) n-Nitroso-di-n-propylamine	7.32	70	639851	41.90	ng	# 72
20) 3+4-Methylphenols	7.31	107	825973	41.14	ng	# 79
22) Acetophenone	7.31	105	1150453	38.41	ng	# 81
24) Nitrobenzene	7.48	77	844162	37.18	ng	93
25) Isophorone	7.72	82	1690989	39.50	ng	98
26) 2-Nitrophenol	7.80	139	424911	41.13	ng	# 83
27) 2,4-Dimethylphenol	7.85	122	835782	39.96	ng	88
28) bis(2-Chloroethoxy)methane	7.94	93	1005417	38.45	ng	98
29) 2,4-Dichlorophenol	8.04	162	669554	38.43	ng	96
30) 1,2,4-Trichlorobenzene	8.13	180	755084	41.98	ng	# 96
31) Naphthalene	8.21	128	2408900	42.62	ng	98
32) Benzoic acid	7.96	122	499349	38.53	ng	96
33) 4-Chloroaniline	8.26	127	369195	14.25	ng	# 92
34) Hexachlorobutadiene	8.33	225	400022	38.69	ng	98
35) Caprolactam	8.62	113	222758	37.93	ng	# 32
36) 4-Chloro-3-methylphenol	8.74	107	771120	39.52	ng	95
37) 2-Methylnaphthalene	8.90	142	1526678	37.63	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	682441	42.61	ng	98
40) Hexachlorocyclopentadiene	9.06	237	849446	87.86	ng	98

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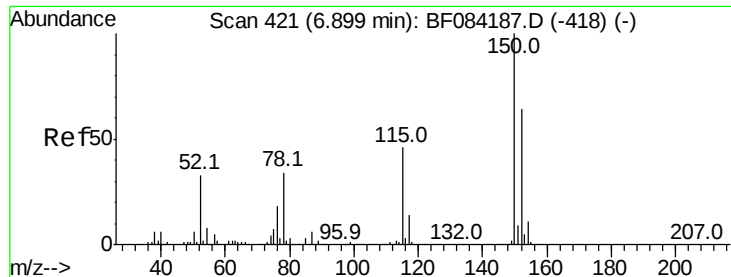
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	489785	40.88	nq	92
43) 2,4,5-Trichlorophenol	9.22	196	494738	43.07	nq #	90
45) 1,1'-Biphenyl	9.37	154	1882494	42.52	nq	99
46) 2-Chloronaphthalene	9.39	162	1395033	40.11	nq	96
47) 2-Nitroaniline	9.48	65	473640	41.26	nq	97
48) Acenaphthylene	9.80	152	2164745	42.13	nq	97
49) Dimethylphthalate	9.68	163	1729704	43.43	nq #	91
50) 2,6-Dinitrotoluene	9.73	165	392193	44.90	nq	95
51) Acenaphthene	9.98	154	1568559	45.51	nq	94
52) 3-Nitroaniline	9.89	138	243476	22.49	nq	89
53) 2,4-Dinitrophenol	10.00	184	272894	73.63	nq #	77
54) Dibenzofuran	10.16	168	2018557	45.24	nq	100
55) 4-Nitrophenol	10.05	139	584767	74.43	nq #	79
56) 2,4-Dinitrotoluene	10.13	165	567213	51.31	nq #	89
57) Fluorene	10.50	166	1464102	42.27	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.27	232	428425	43.69	nq	91
59) Diethylphthalate	10.37	149	1736568	44.22	nq	97
60) 4-Chlorophenyl-phenylether	10.49	204	739984	52.05	nq	99
61) 4-Nitroaniline	10.51	138	391700	40.60	nq	95
62) Azobenzene	10.65	77	1949899	45.27	nq	91
64) 4,6-Dinitro-2-methylphenol	10.53	198	228143	36.99	nq #	70
65) n-Nitrosodiphenylamine	10.60	169	1251060	38.72	nq	99
66) 4-Bromophenyl-phenylether	10.98	248	488171	44.88	nq	96
67) Hexachlorobenzene	11.04	284	466995	38.15	nq #	81
68) Atrazine	11.14	200	466966	44.16	nq	90
69) Pentachlorophenol	11.23	266	517767	81.57	nq	97
70) Phenanthrene	11.45	178	2271005	42.96	nq	97
71) Anthracene	11.50	178	2275940	43.92	nq	96
72) Carbazole	11.65	167	1868988	36.90	nq	98
73) Di-n-butylphthalate	12.00	149	2524247	47.57	nq #	95
74) Fluoranthene	12.64	202	2144221	38.83	nq	98
76) Benzidine	12.76	184	665853	24.13	nq	98
77) Pyrene	12.87	202	2177080	36.05	nq	97
79) Butylbenzylphthalate	13.49	149	1102358	42.18	nq #	97
80) Benzo(a)anthracene	14.05	228	1779307	39.38	nq	98
81) 3,3'-Dichlorobenzidine	14.02	252	363188	23.03	nq #	99
82) Chrysene	14.09	228	1442427	33.22	nq	98
83) Bis(2-ethylhexyl)phthalate	14.05	149	1299507	39.36	nq #	96
84) Di-n-octyl phthalate	14.66	149	2078511	37.29	nq #	86
85) Indeno(1,2,3-cd)pyrene	16.92	276	1387153	40.30	nq	100
87) Benzo(b)fluoranthene	15.08	252	1692953m	45.90	nq	
88) Benzo(k)fluoranthene	15.12	252	1097399m	36.38	nq	
89) Benzo(a)pyrene	15.44	252	1327838	42.44	nq #	96
90) Dibenzo(a,h)anthracene	16.95	278	1152616	42.82	nq	95
91) Benzo(g,h,i)perylene	17.36	276	1185038	42.51	nq	96

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



#1

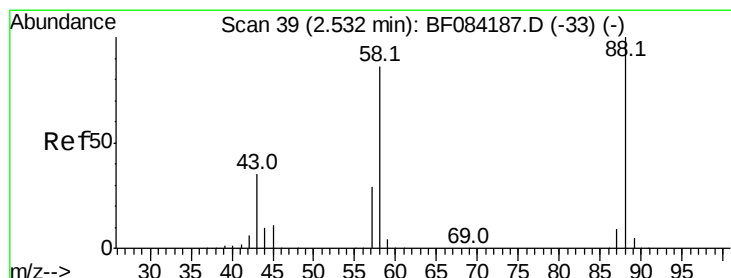
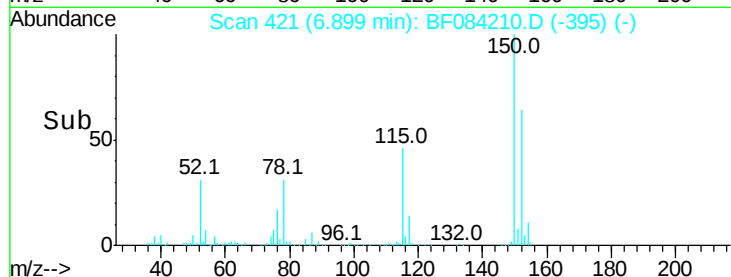
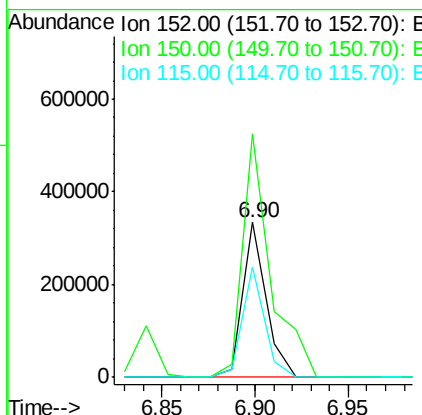
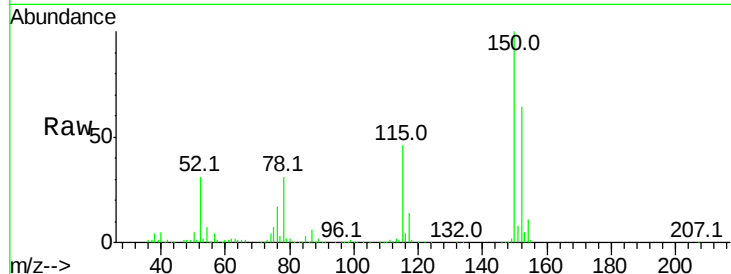
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF084210.D
Acq: 31 Dec 2015 22:21

Instrument :
BNA_F
ClientSampleId :
PB87627BSD

Tot Ion	Ratio	Resp	Lower	Upper
152	100	290550		
150	157.4	123.0	184.4	
115	71.8	51.4	77.2	

Manual Integrations
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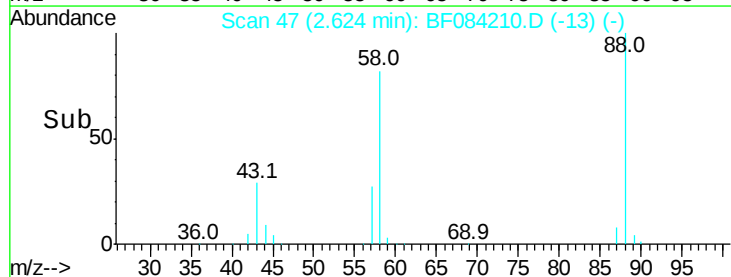
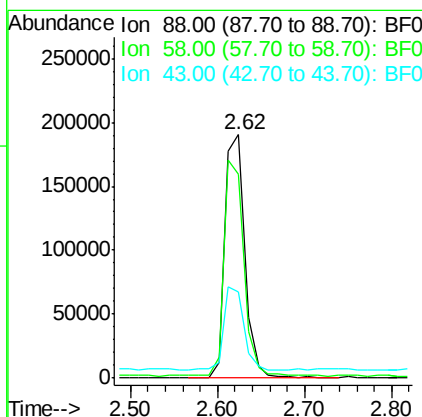
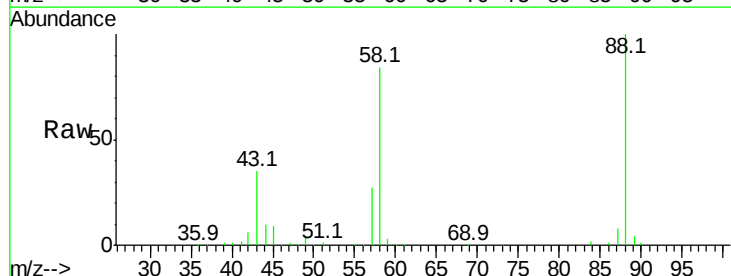
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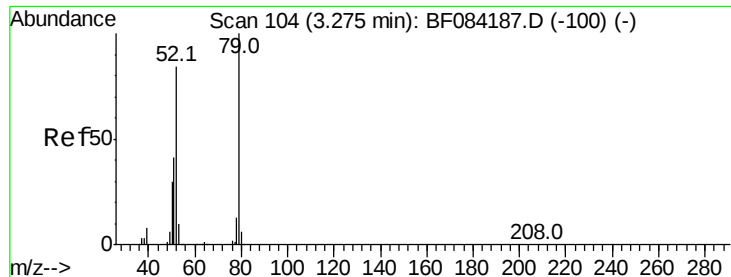


#2

1,4-Dioxane
Concen: 35.42 ng
RT: 2.62 min Scan# 47
Delta R.T. 0.09 min
Lab File: BF084210.D
Acq: 31 Dec 2015 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	301382		
58	88.6	51.2	76.8#	
43	34.5	19.5	29.3#	





#3

Pvridine

Concen: 36.36 ng

RT: 3.34 min Scan# 110

Delta R.T. 0.07 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Instrument :

BNA_F

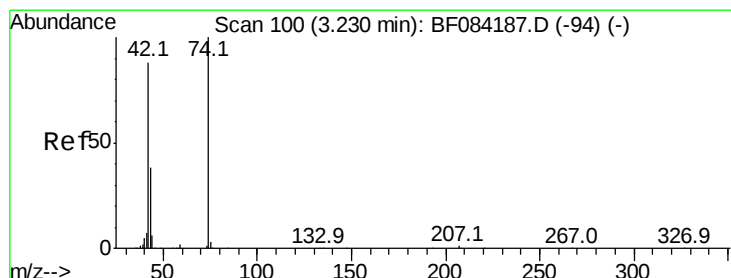
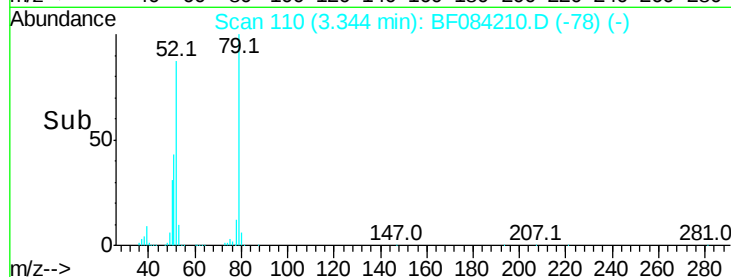
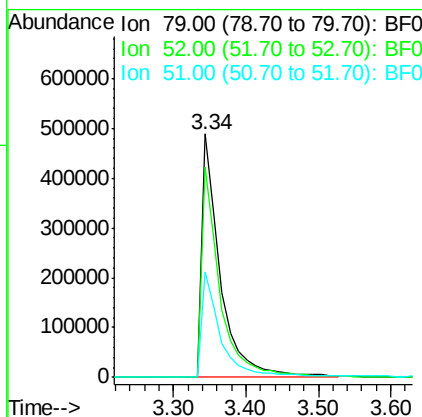
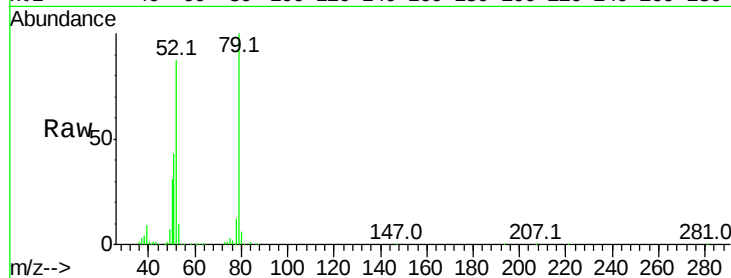
ClientSampleId :

PB87627BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	86.6	49.0	73.4#		
51	43.2	25.2	37.8#		

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 39.87 ng

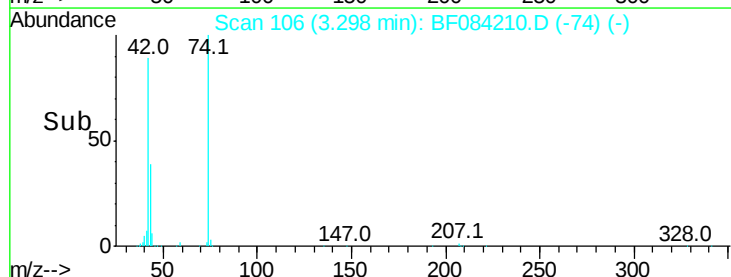
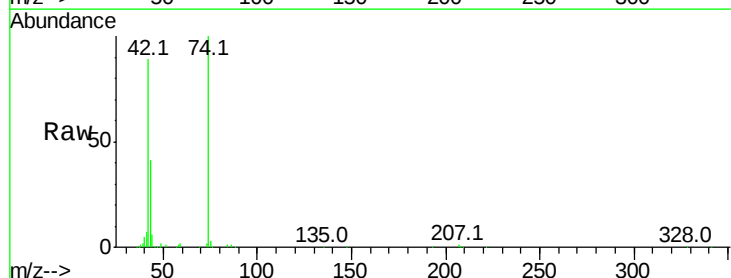
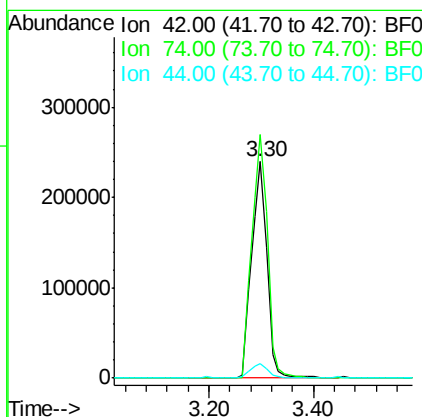
RT: 3.30 min Scan# 106

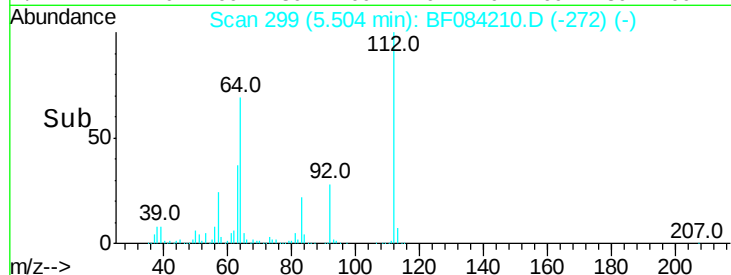
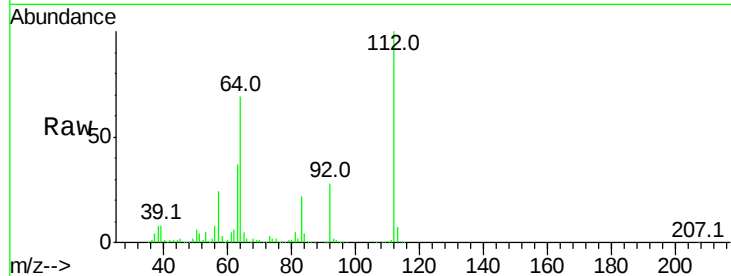
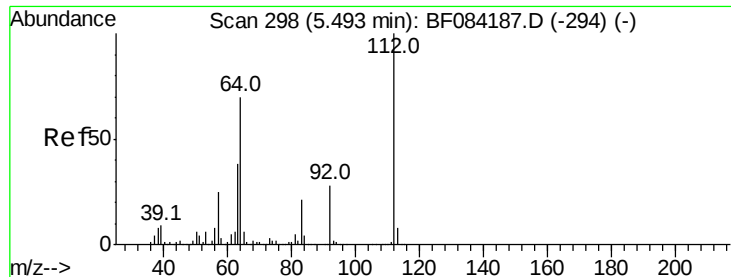
Delta R.T. 0.07 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	112.4	115.7	173.5#		
44	7.0	5.1	7.7		





#5

2-Fluorophenol

Concen: 77.54 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF084210.D

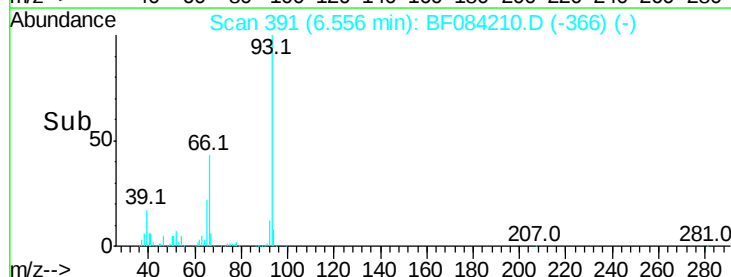
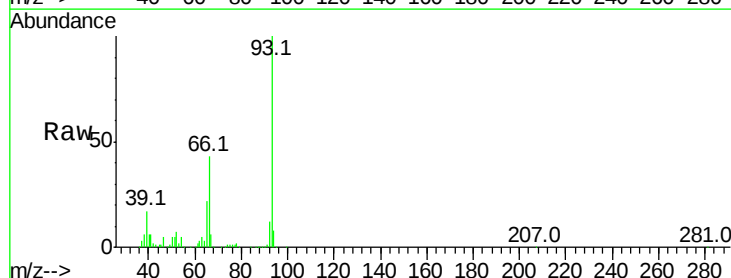
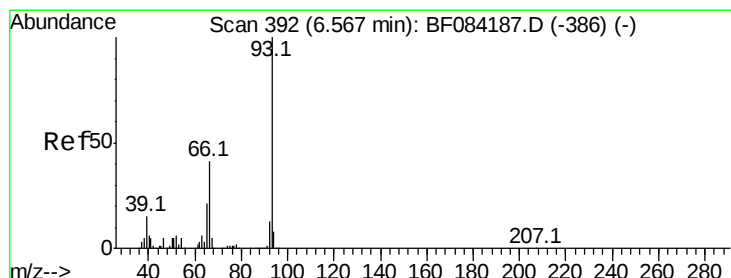
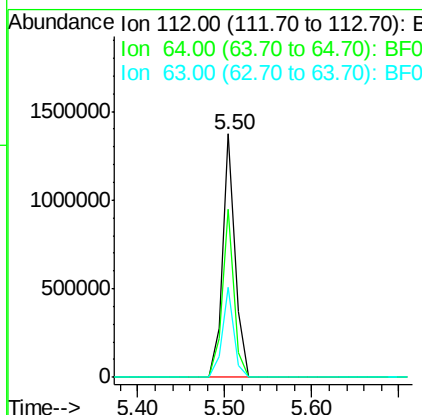
Acq: 31 Dec 2015 22:21

Tot Ion:	112	Resp:	1392874
Ion Ratio	Lower	Upper	
112	100		
64	68.9	36.6	55.0#
63	37.0	19.4	29.0#

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#6

Aniline

Concen: 23.29 ng

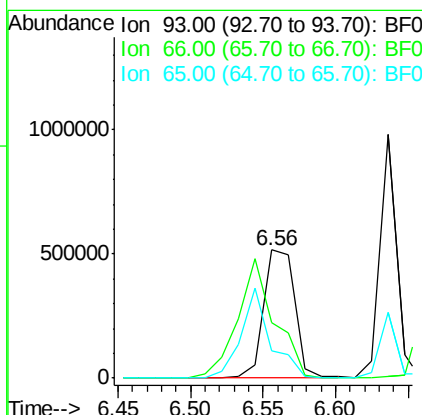
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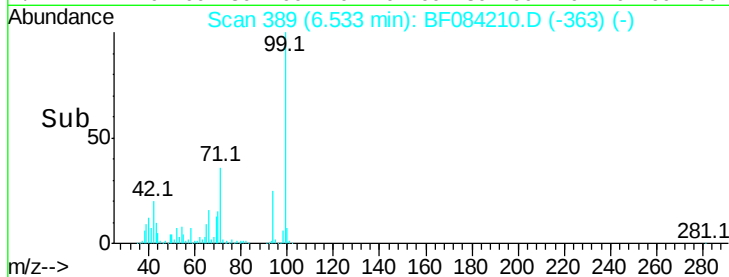
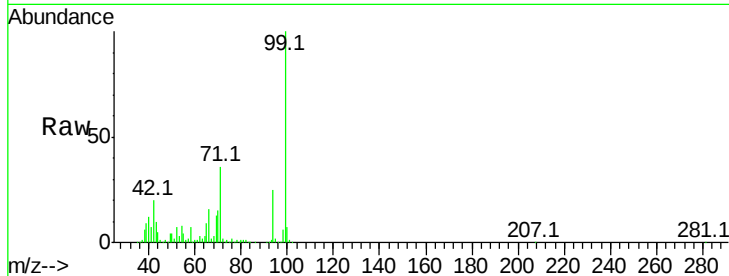
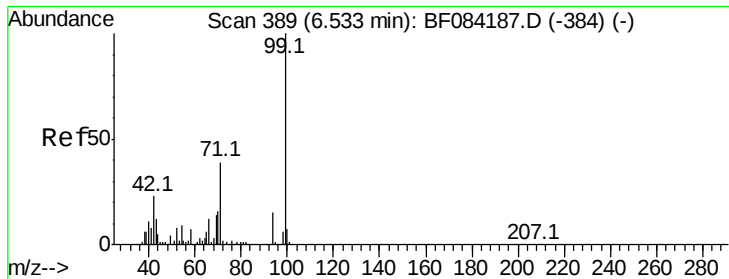
Delta R.T. -0.01 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Tgt Ion:	93	Resp:	768799
Ion Ratio	Lower	Upper	
93	100		
66	43.2	44.9	67.3#
65	21.7	23.7	35.5#





#7

Phenol-d6

Concen: 90.50 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Tot Ion:	99	Resp:	2041670
Ion	Ratio	Lower	Upper
99	100		
42	19.8	12.8	19.2#
71	36.2	30.9	46.3

Instrument :

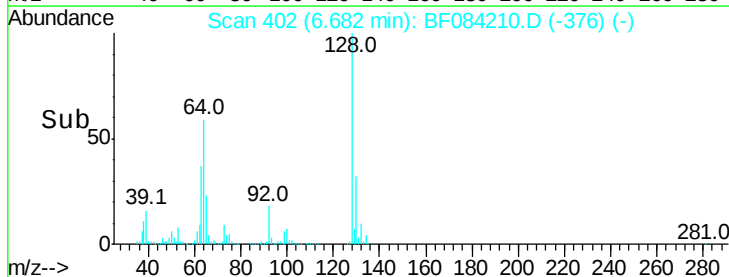
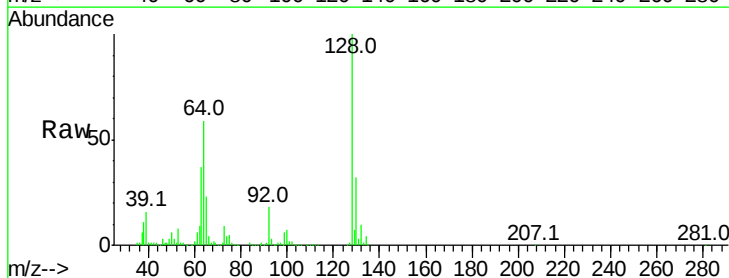
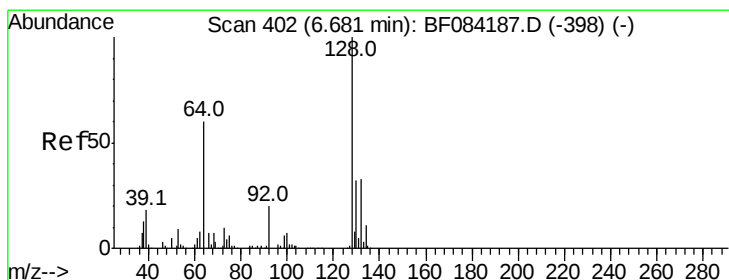
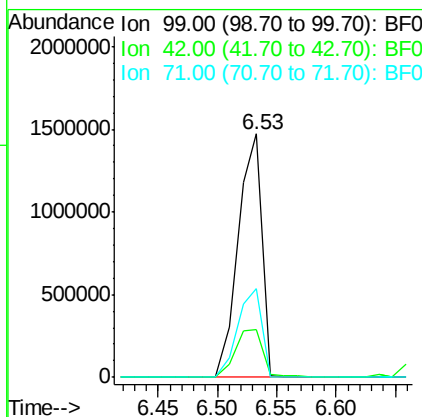
BNA_F

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#8

2-Chlorophenol

Concen: 40.40 ng

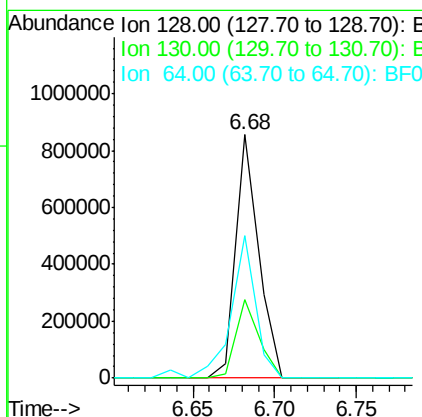
RT: 6.68 min Scan# 402

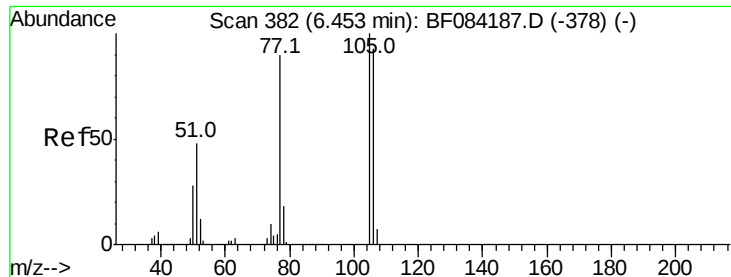
Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Tgt Ion:	128	Resp:	823272
Ion	Ratio	Lower	Upper
128	100		
130	32.5	11.6	51.6
64	58.8	23.8	63.8





#9

Benzaldehyde

Concen: 24.06 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Instrument :

BNA_F

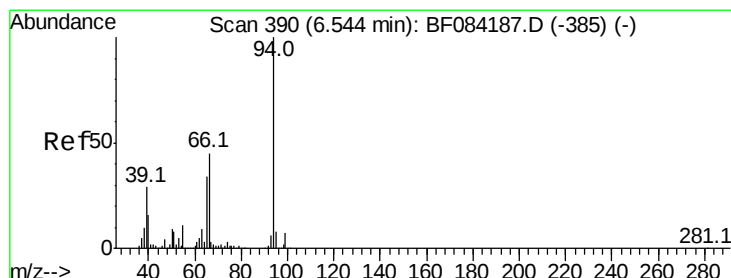
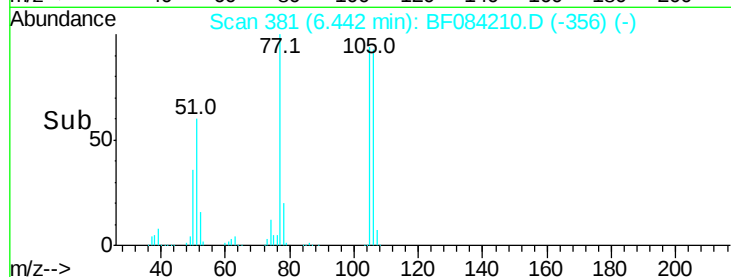
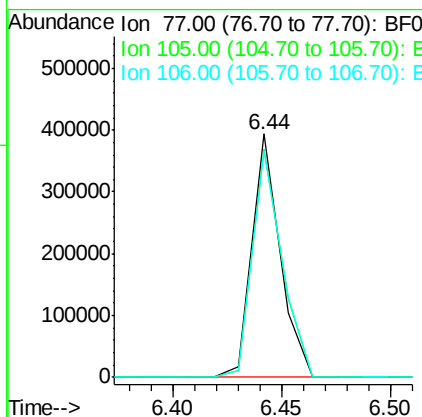
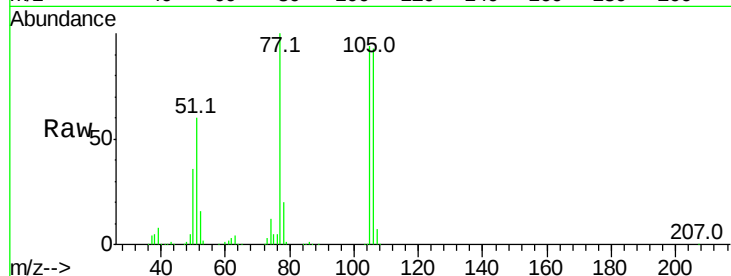
ClientSampleId :

PB87627BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	93.6	83.0	123.0
106	93.3	74.6	114.6

Manual Integrations
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#10

Phenol

Concen: 46.50 ng

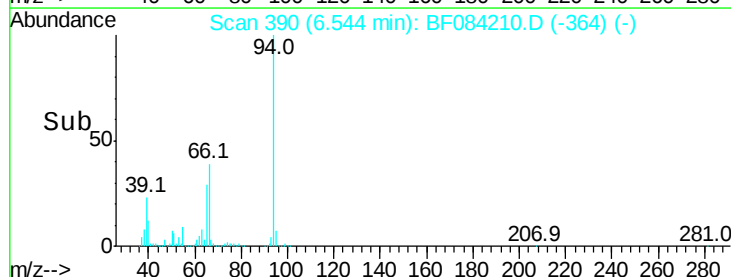
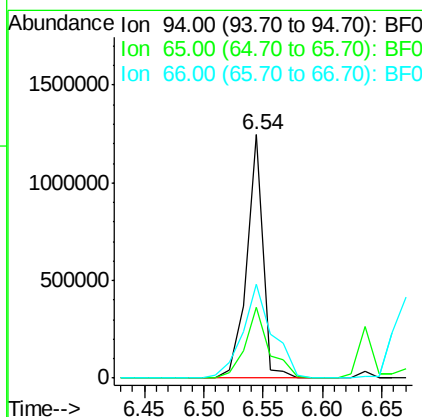
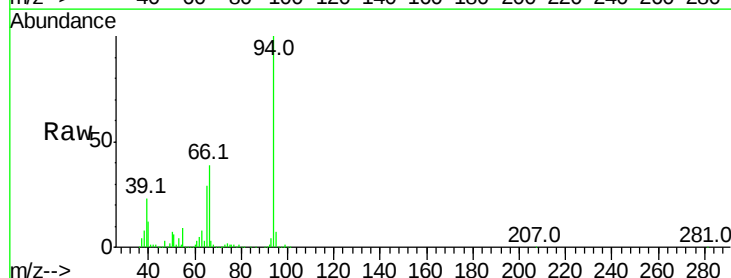
RT: 6.54 min Scan# 390

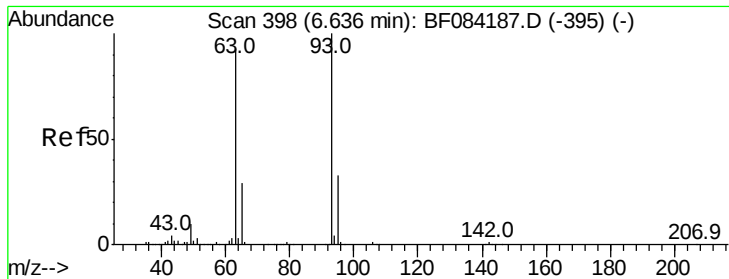
Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.2	12.9	52.9
66	38.7	32.7	72.7





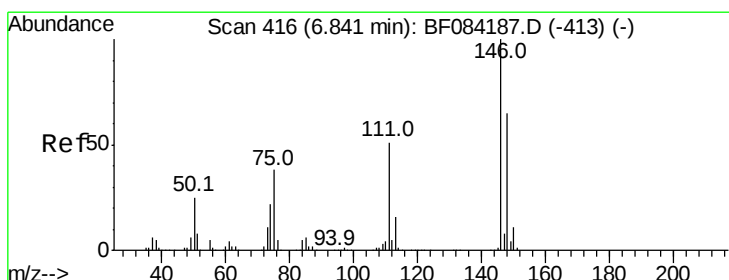
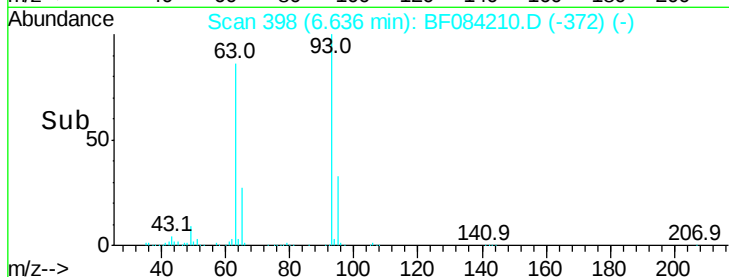
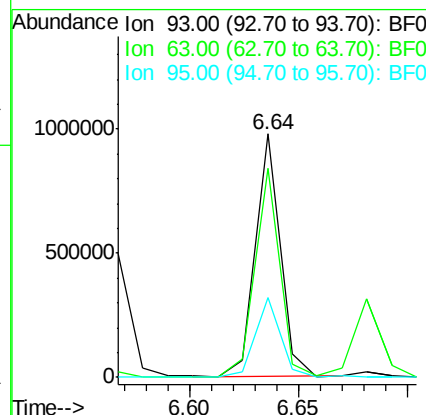
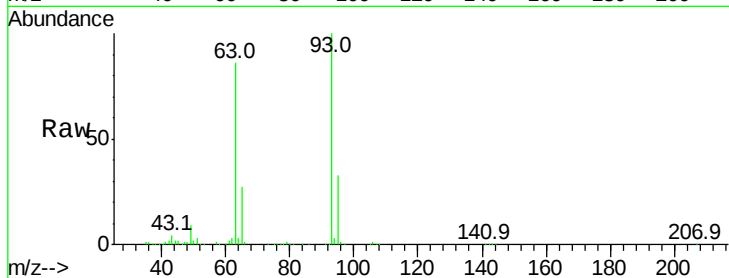
#11
bis(2-Chloroethyl)ether
Concen: 39.13 ng
RT: 6.64 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF084210.D
Acq: 31 Dec 2015 22:21

Instrument :
BNA_F
ClientSampleId :
PB87627BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	86.0	45.9	85.9#
95	33.0	12.3	52.3

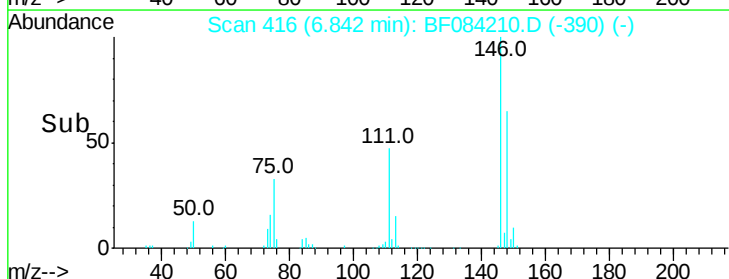
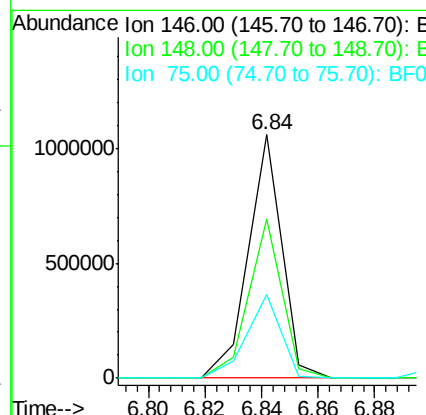
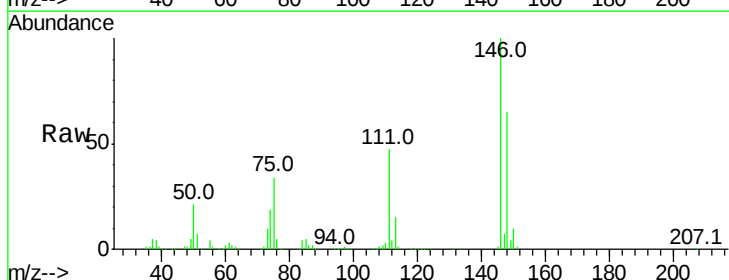
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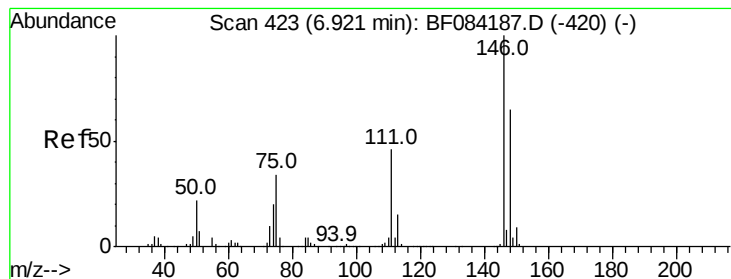
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#12
1,3-Dichlorobenzene
Concen: 41.21 ng m
RT: 6.84 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF084210.D
Acq: 31 Dec 2015 22:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	65.1	51.9	77.9
75	34.1	20.5	30.7#





#13

1,4-Dichlorobenzene

Concen: 42.16 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Instrument :

BNA_F

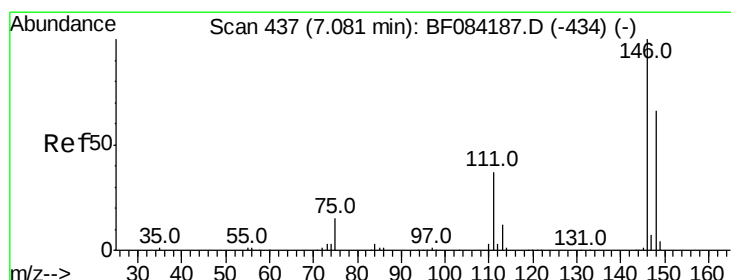
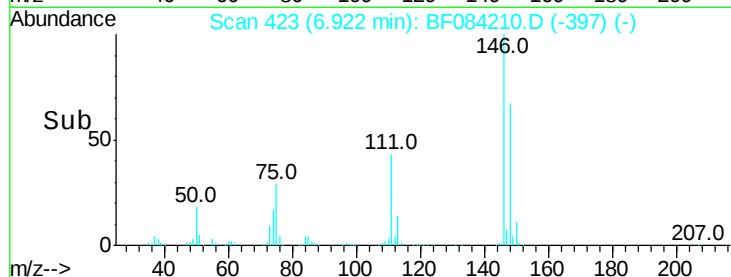
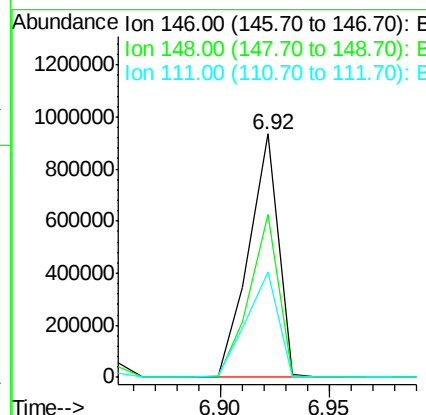
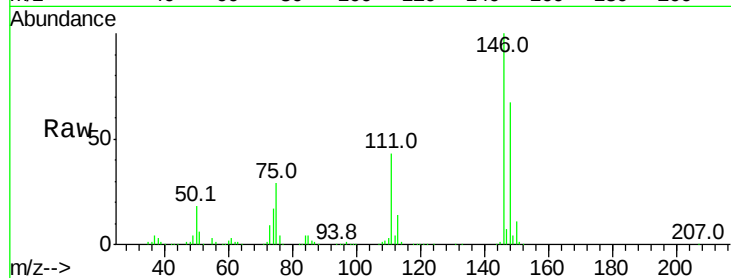
ClientSampleId :

PB87627BSD

Tot Ion:	146	Resp:	888862
Ion Ratio	Lower	Upper	
146	100		
148	67.1	51.9	77.9
111	43.0	41.6	62.4

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#14

1,2-Dichlorobenzene

Concen: 38.13 ng

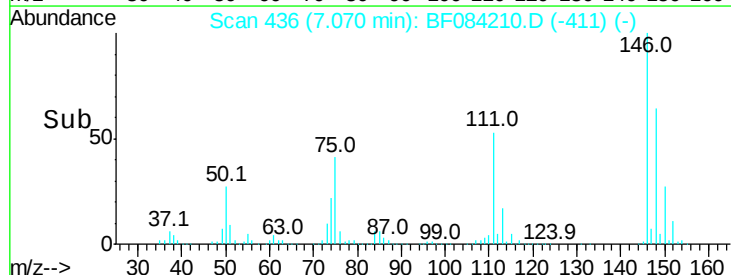
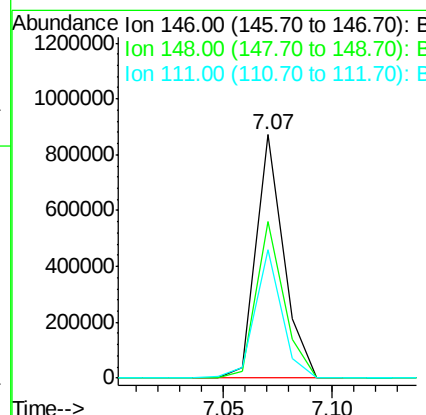
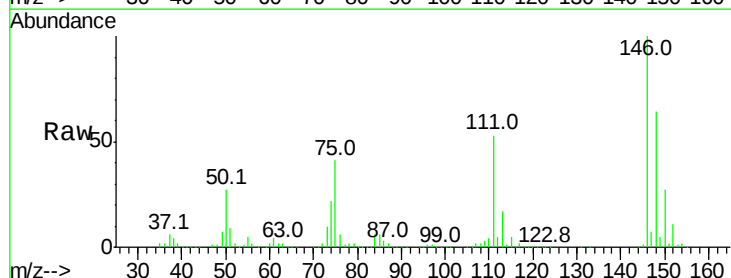
RT: 7.07 min Scan# 436

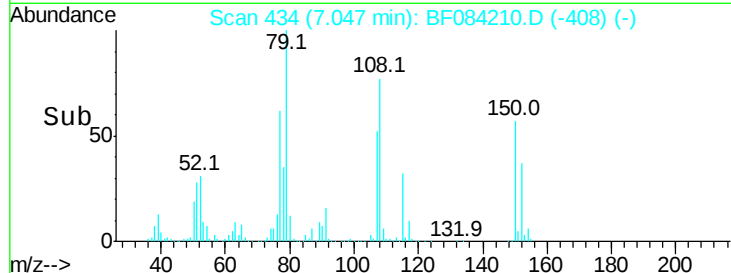
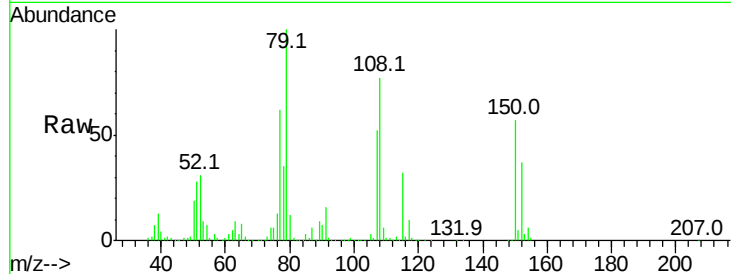
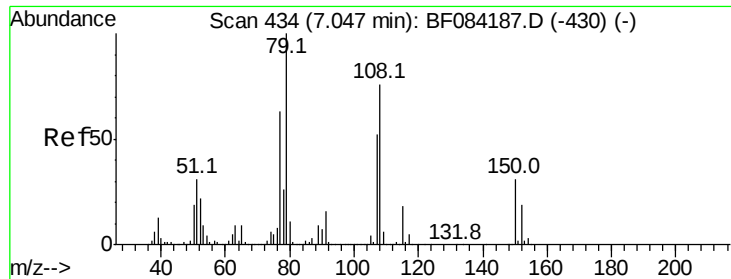
Delta R.T. -0.01 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Tgt Ion:	146	Resp:	769911
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.6	77.4
111	52.7	38.0	57.0





#15

Benzyl Alcohol

Concen: 43.47 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF084210.D

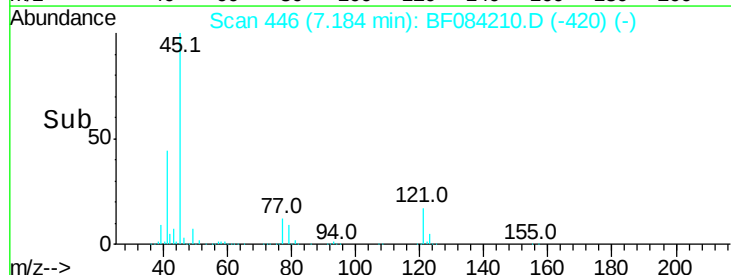
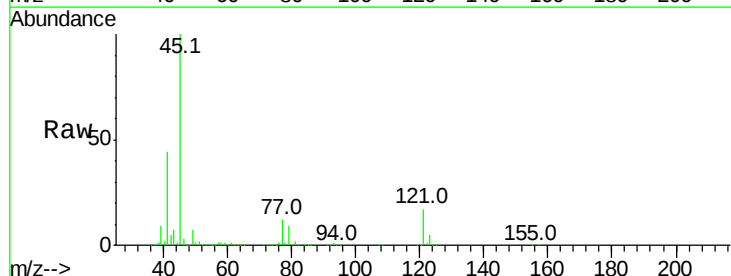
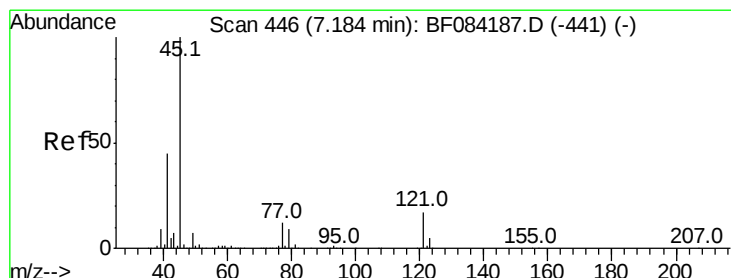
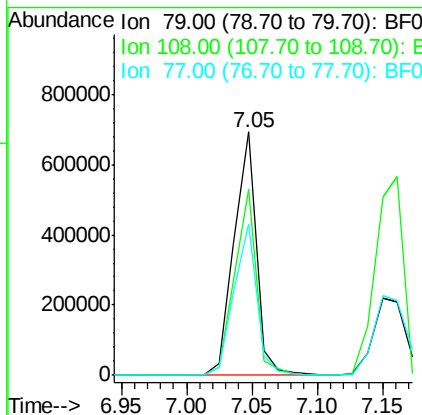
Acq: 31 Dec 2015 22:21

Tot Ion:	79	Resp:	825050
Ion Ratio	Lower	Upper	
79	100		
108	76.6	69.0	103.4
77	62.3	50.0	75.0

Instrument :
BNA_F
ClientSampleId :
PB87627BSD

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.74 ng

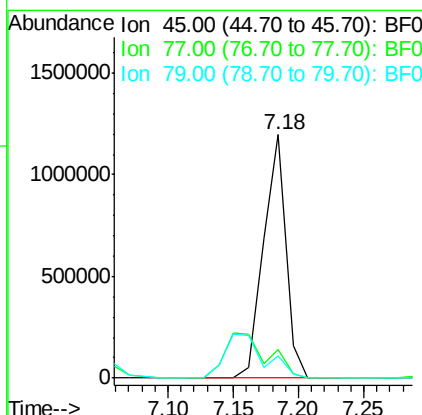
RT: 7.18 min Scan# 446

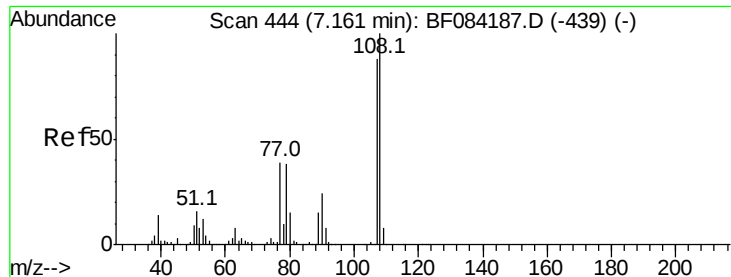
Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Tgt Ion:	45	Resp:	1437854
Ion Ratio	Lower	Upper	
45	100		
77	11.6	0.0	39.6
79	9.0	0.0	35.0





#17

2-Methylphenol

Concen: 42.82 ng

RT: 7.16 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Instrument :

BNA_F

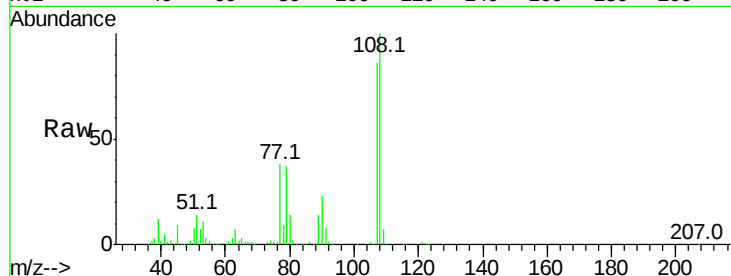
ClientSampleId :

PB87627BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	731443		
108	116.4	89.8	134.6	
77	43.8	35.7	53.5	
79	43.1	35.7	53.5	

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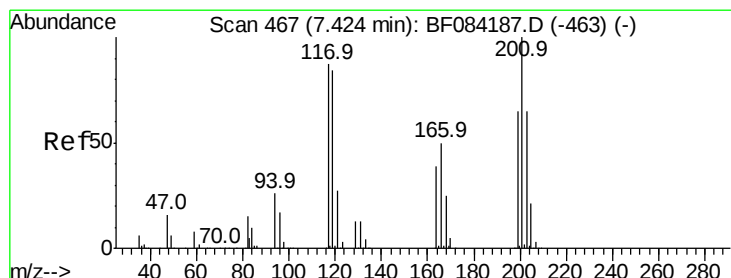
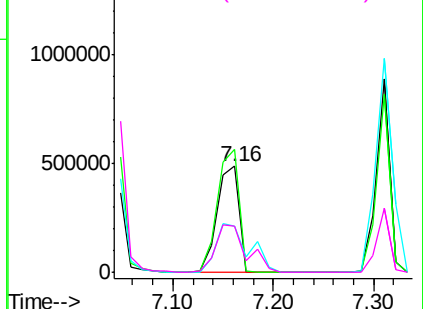
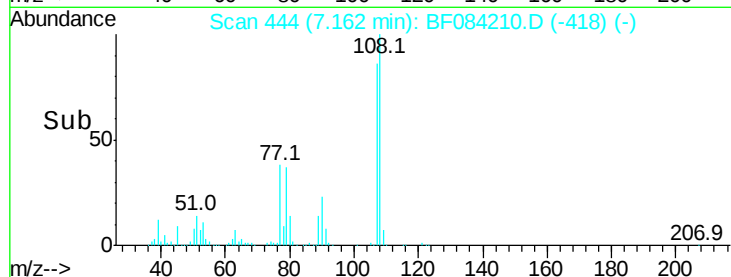
Abundance Ion 107.00 (106.70 to 107.70): E

1500000

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: 40.25 ng

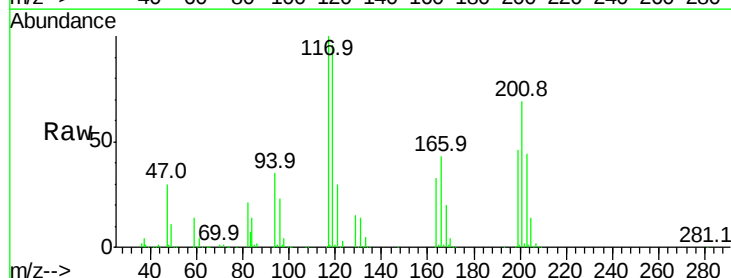
RT: 7.41 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	339326		
119	95.5	77.4	116.0	
201	69.2	68.6	103.0	

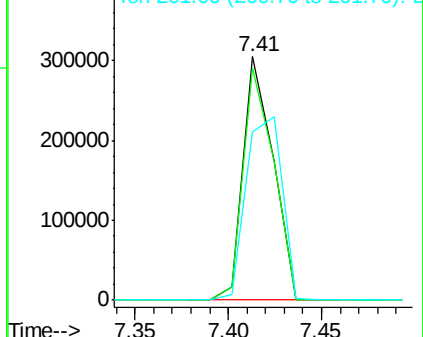
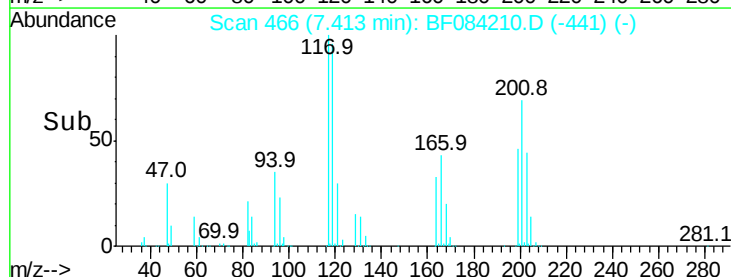


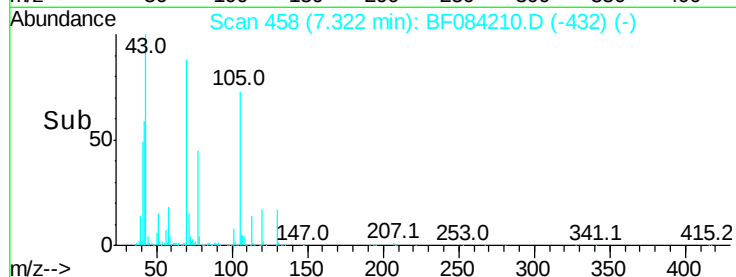
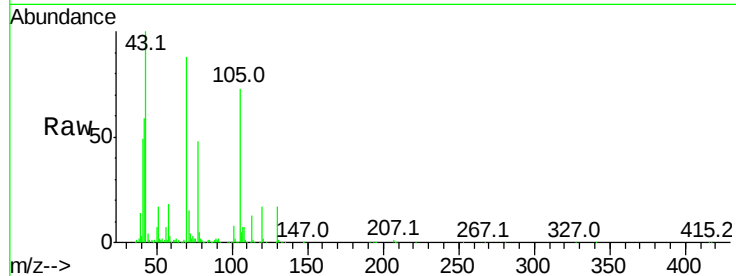
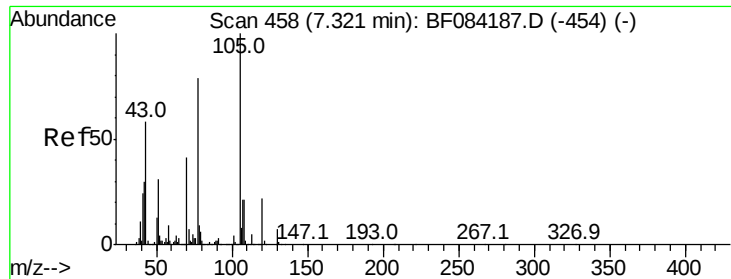
Abundance Ion 117.00 (116.70 to 117.70): E

400000

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: 41.90 ng

RT: 7.32 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Instrument :

BNA_F

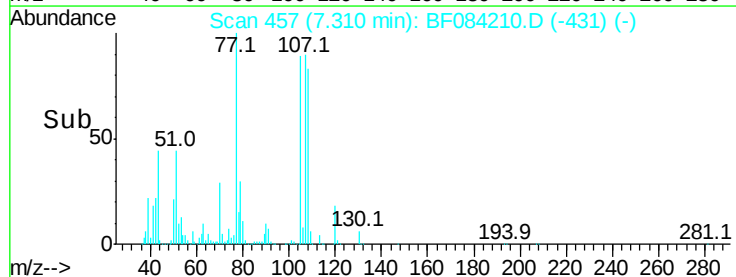
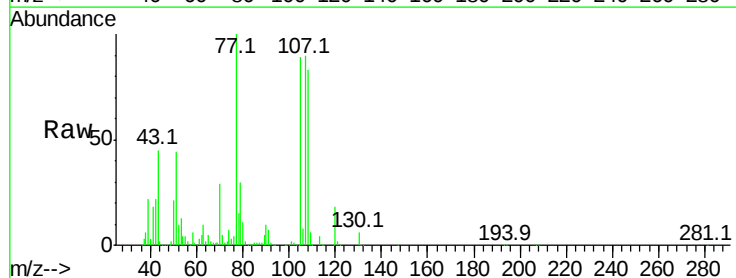
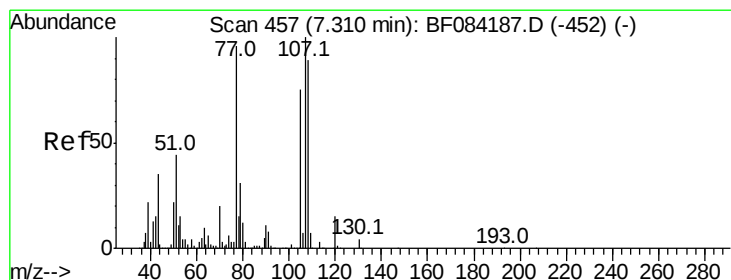
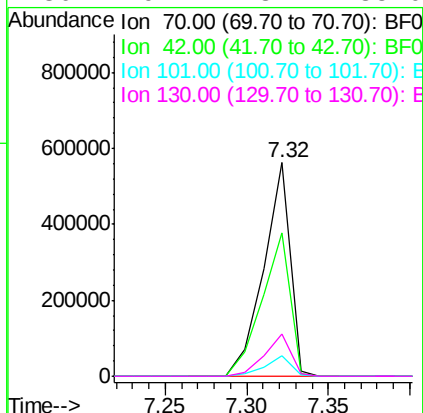
ClientSampleId :

PB87627BSD

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Tot Ion	Ratio	Lower	Upper
70	100		
42	67.0	33.3	49.9#
101	9.3	9.3	13.9
130	19.7	23.4	35.0#



#20

3+4-Methylphenols

Concen: 41.14 ng

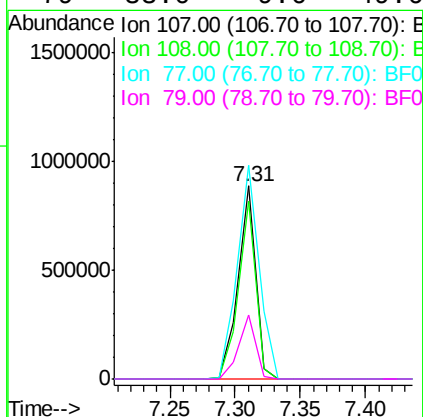
RT: 7.31 min Scan# 457

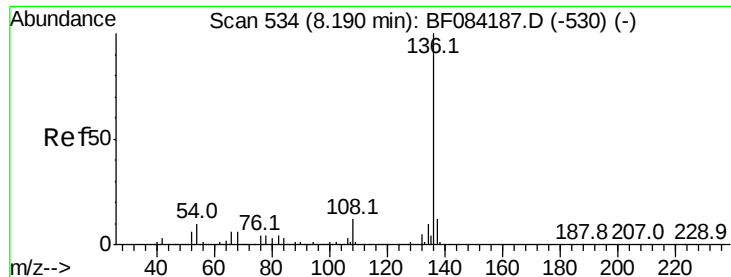
Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.1	64.1	104.1
77	110.6	128.9	168.9#
79	33.0	9.6	49.6





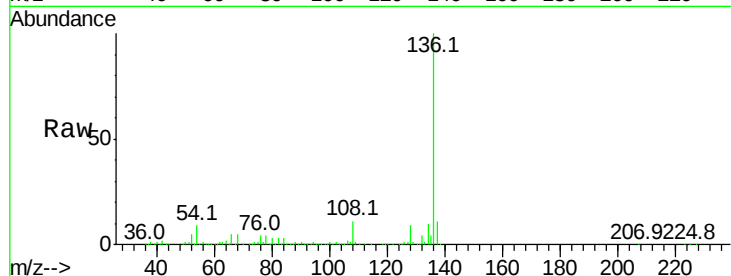
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF084210.D
Acq: 31 Dec 2015 22:21

Instrument :
BNA_F
ClientSampleId :
PB87627BSD

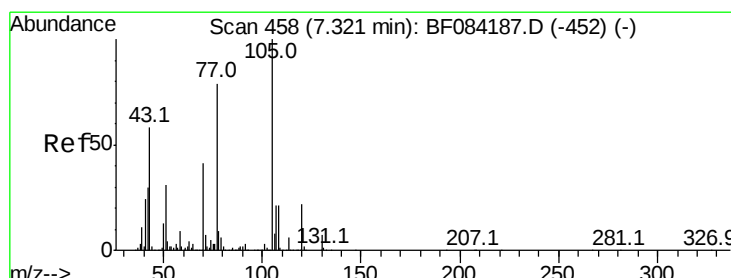
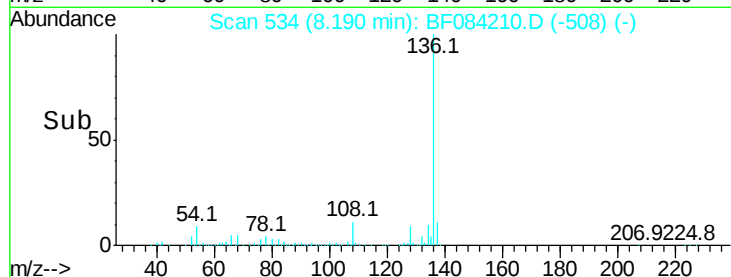
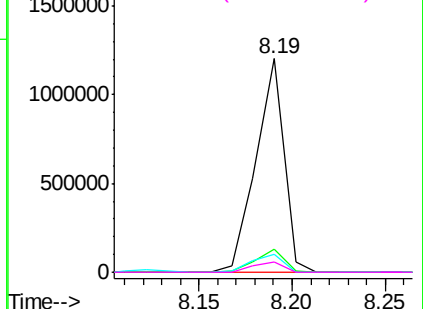
Tot Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	8.7	5.8	8.8
68	4.9	4.2	6.2

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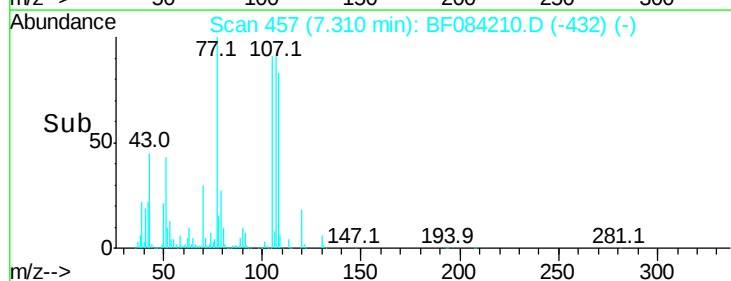
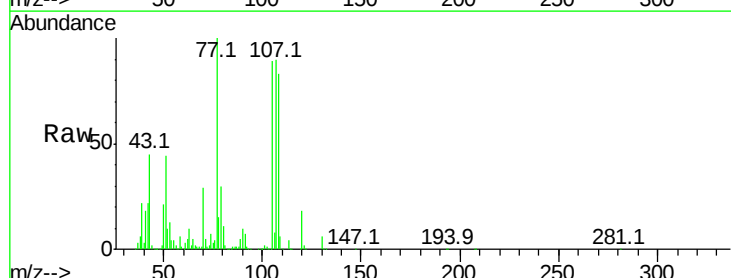
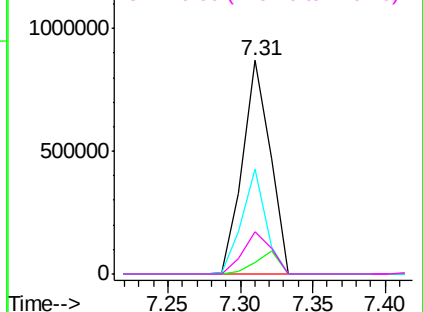
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

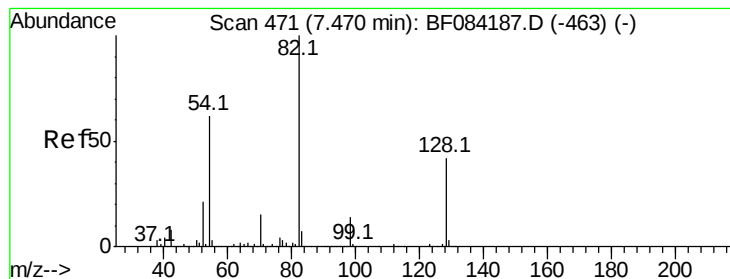


#22
Acetophenone
Concen: 38.41 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF084210.D
Acq: 31 Dec 2015 22:21

Tgt Ion	Ratio	Lower	Upper
105	100		
71	5.3	3.7	5.5
51	49.3	25.1	37.7#
120	19.9	16.6	25.0

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 84.43 ng

RT: 7.47 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Instrument :

BNA_F

ClientSampleId :

PB87627BSD

Tot Ion: 82 Resp: 1889832

Ion Ratio Lower Upper

82 100

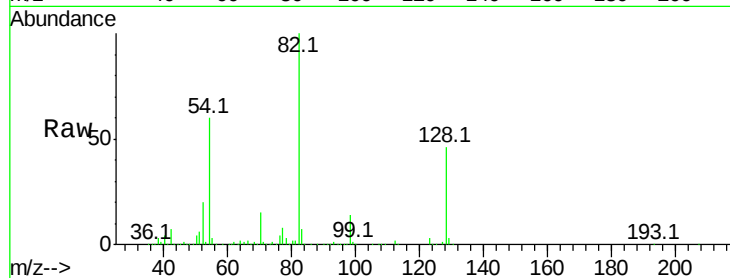
128 45.9 34.6 51.8

54 59.6 38.4 57.6#

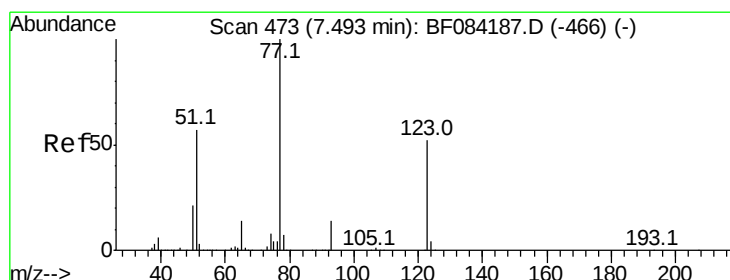
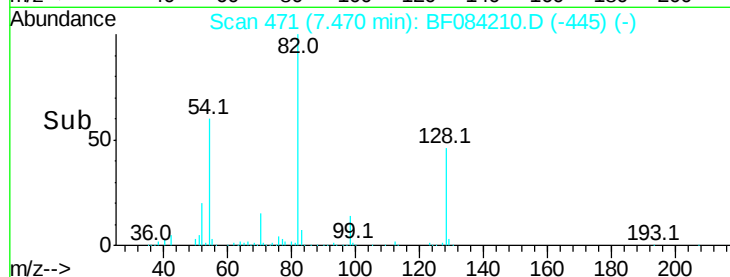
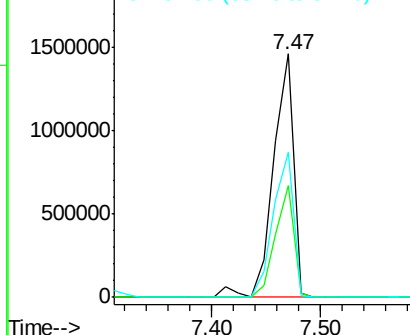
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 37.18 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.01 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

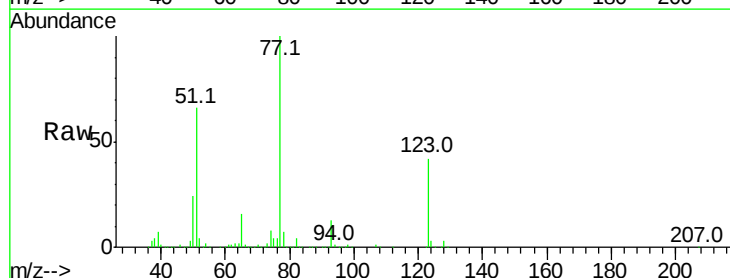
Tgt Ion: 77 Resp: 844162

Ion Ratio Lower Upper

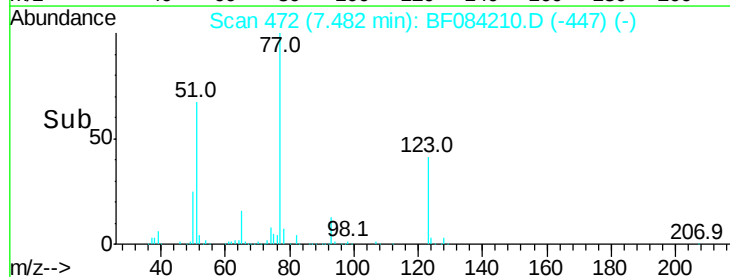
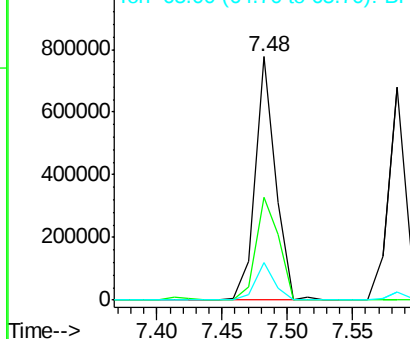
77 100

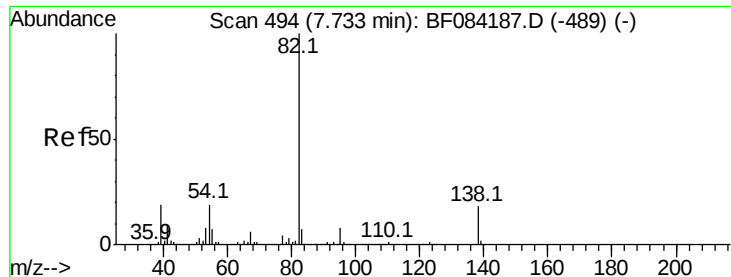
123 42.0 37.4 56.2

65 15.6 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.50 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Instrument :

BNA_F

ClientSampleId :

PB87627BSD

Tot Ion: 82 Resp: 1690989

Ion Ratio Lower Upper

82 100

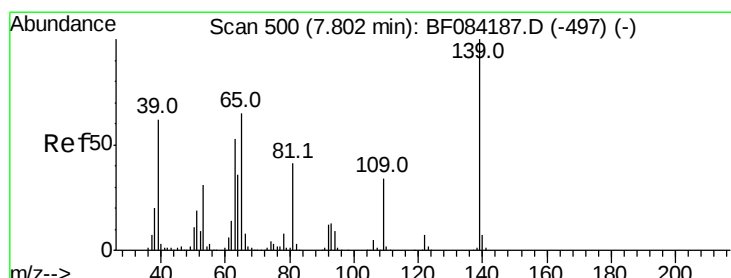
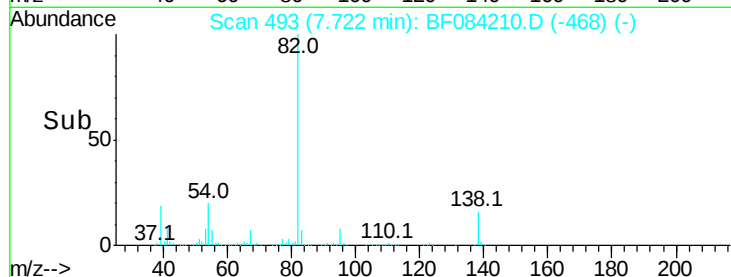
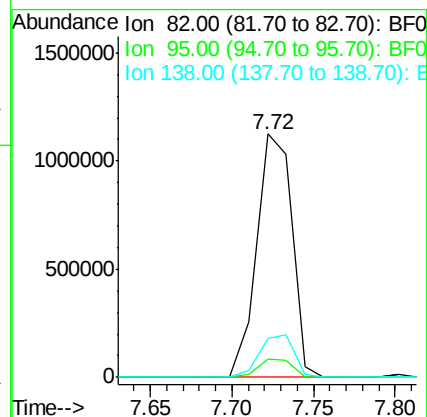
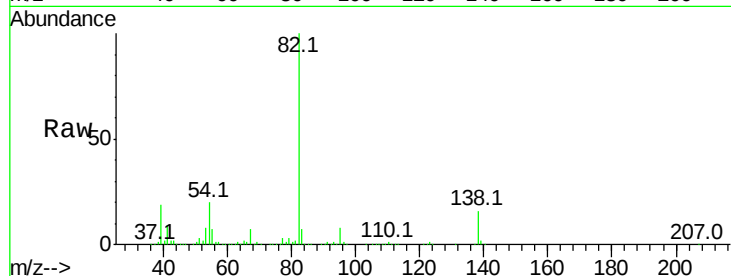
95 7.6 6.6 10.0

138 16.1 13.6 20.4

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#26

2-Nitrophenol

Concen: 41.13 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

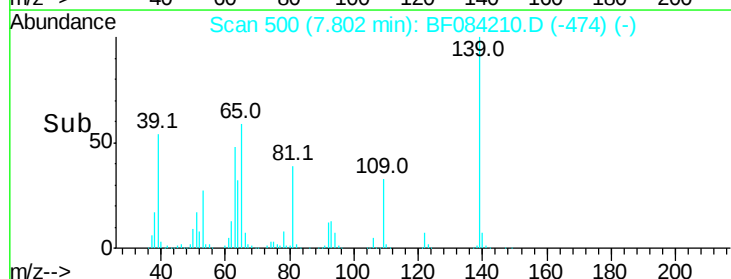
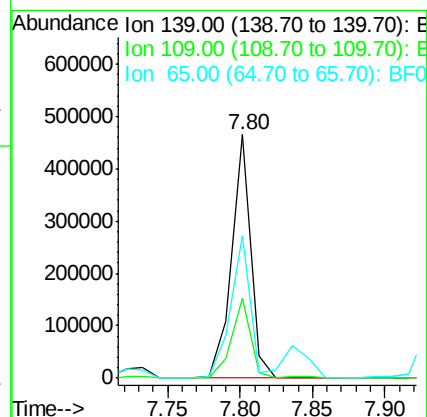
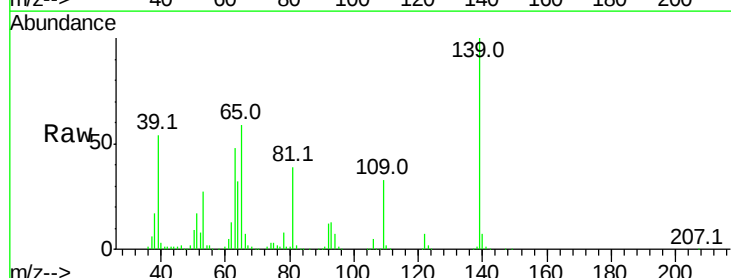
Tgt Ion: 139 Resp: 424911

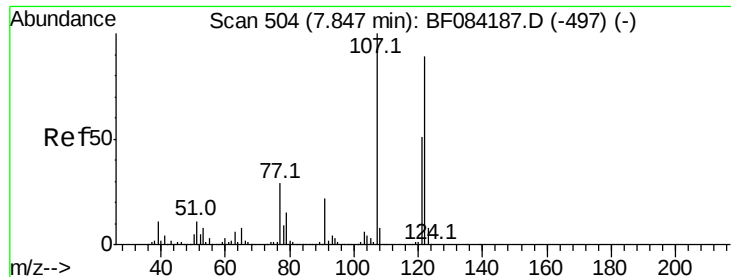
Ion Ratio Lower Upper

139 100

109 33.0 25.4 38.2

65 58.6 32.3 48.5#





#27

2,4-Dimethylphenol

Concen: 39.96 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Instrument :

BNA_F

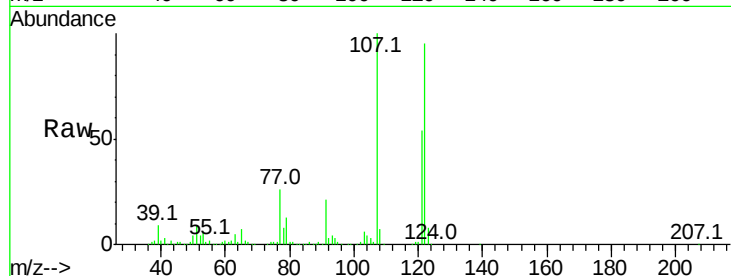
ClientSampleId :

PB87627BSD

Tot Ion:	122	Resp:	835782
Ion Ratio	Lower	Upper	
122	100		
107	105.4	99.1	148.7
121	56.7	47.9	71.9

Manual Integrations
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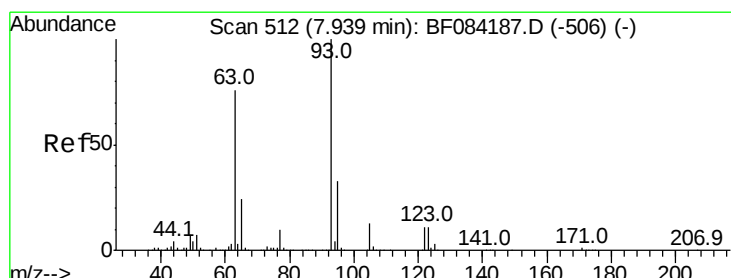
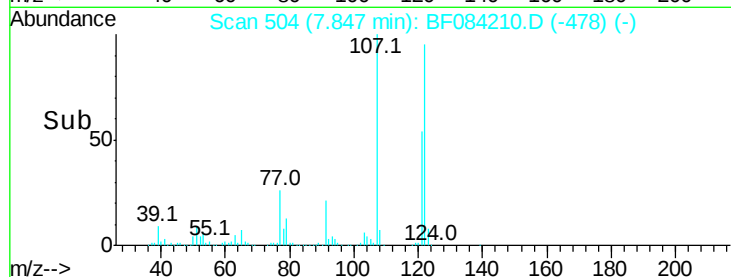
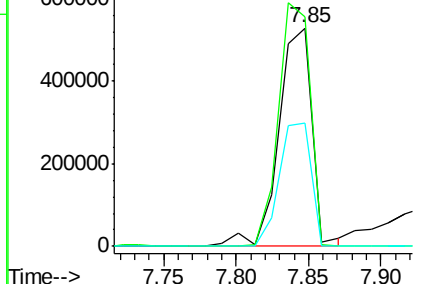
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.45 ng

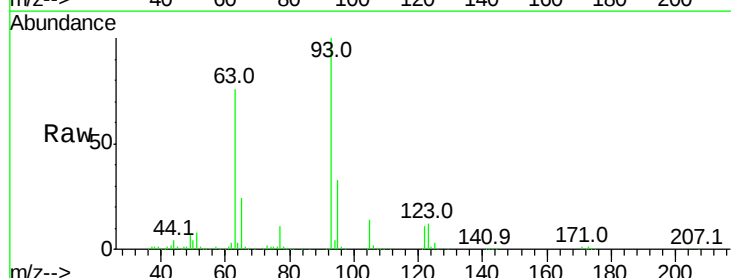
RT: 7.94 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

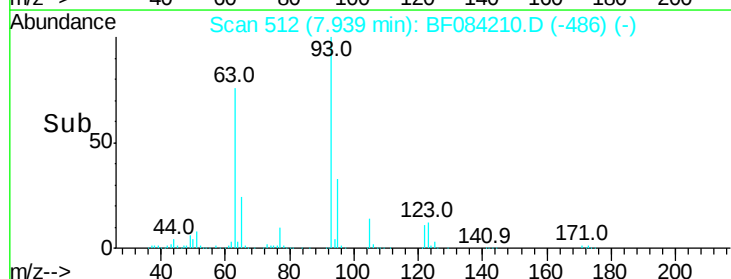
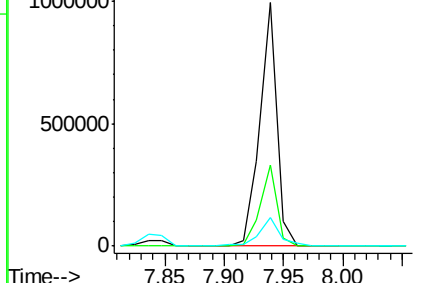
Tgt Ion:	93	Resp:	1005417
Ion Ratio	Lower	Upper	
93	100		
95	33.4	25.8	38.6
123	11.6	8.6	12.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





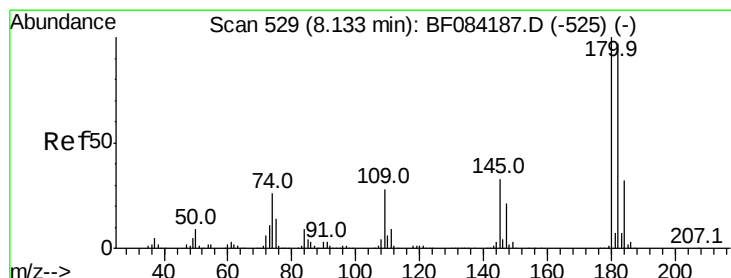
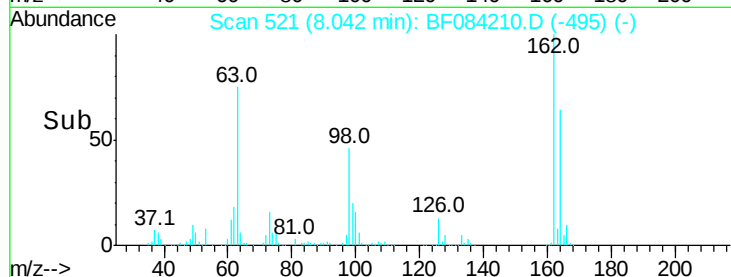
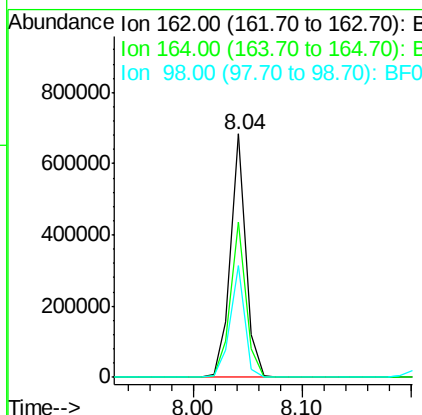
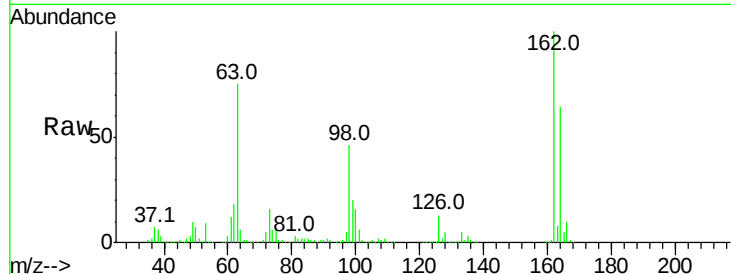
#29
2,4-Dichlorophenol
Concen: 38.43 ng
RT: 8.04 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF084210.D
Acq: 31 Dec 2015 22:21

Instrument :
BNA_F
ClientSampleId :
PB87627BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.7	44.1	84.1
98	45.7	20.2	60.2

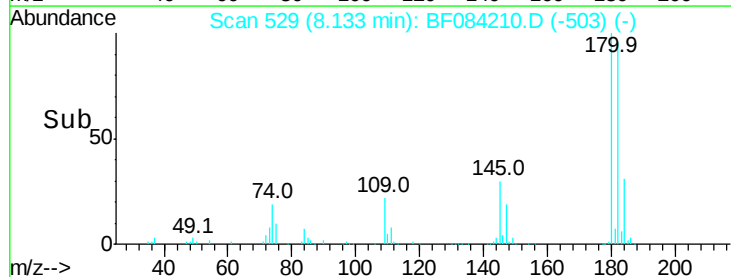
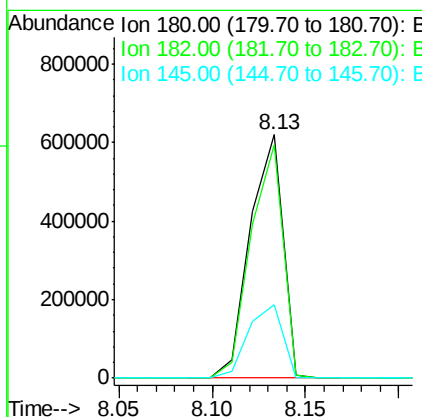
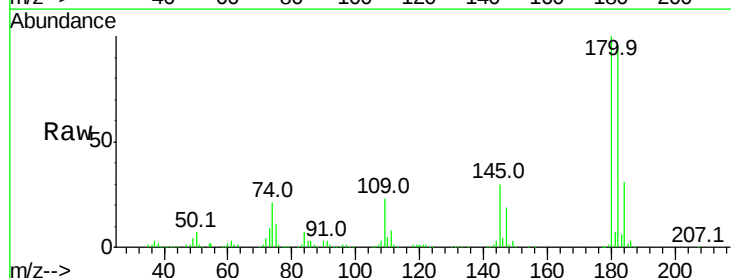
Manual Integrations
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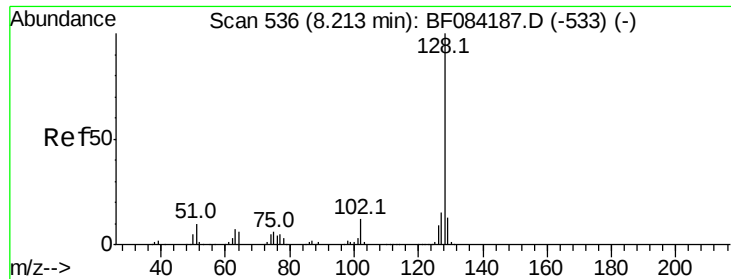
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#30
1,2,4-Trichlorobenzene
Concen: 41.98 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF084210.D
Acq: 31 Dec 2015 22:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.6	76.4	114.6
145	30.4	31.6	47.4#





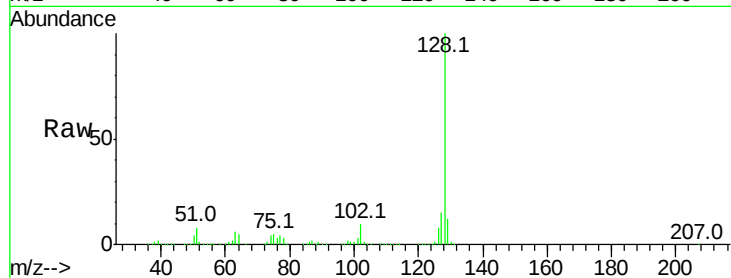
#31
Naphthalene
Concen: 42.62 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF084210.D
Acq: 31 Dec 2015 22:21

Instrument :
BNA_F
ClientSampleId :
PB87627BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.1	13.7
127	14.7	11.1	16.7

Manual Integrations
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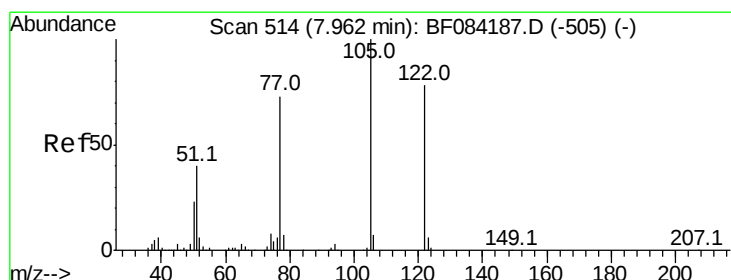
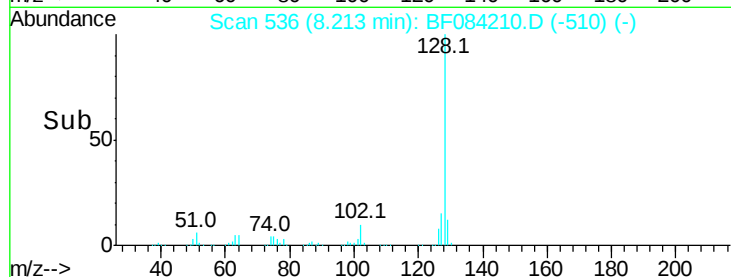
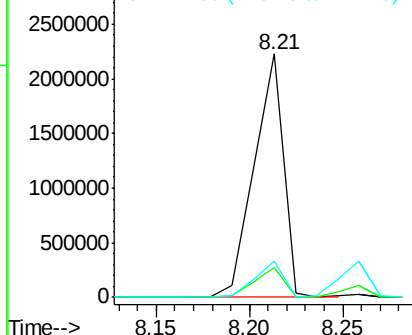


Abundance

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: 38.53 ng
RT: 7.96 min Scan# 514
Delta R.T. 0.00 min
Lab File: BF084210.D
Acq: 31 Dec 2015 22:21

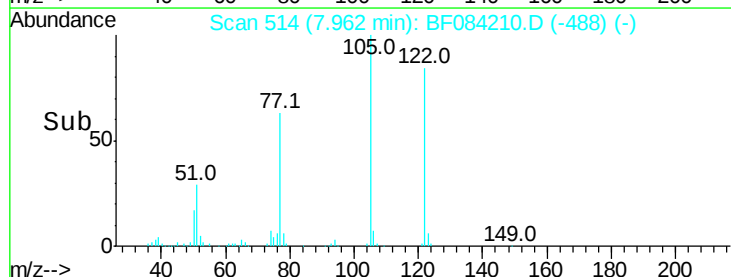
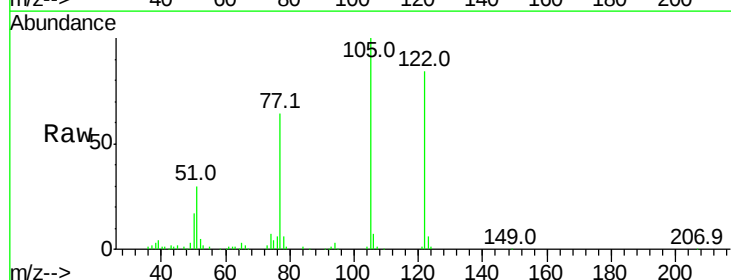
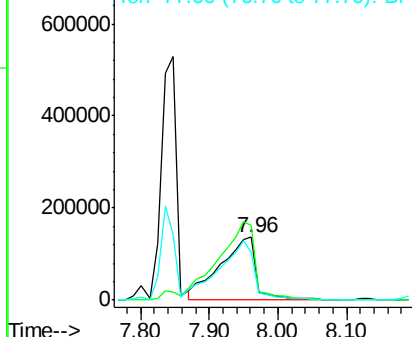
Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.5	100.3	140.3
77	76.2	63.5	103.5

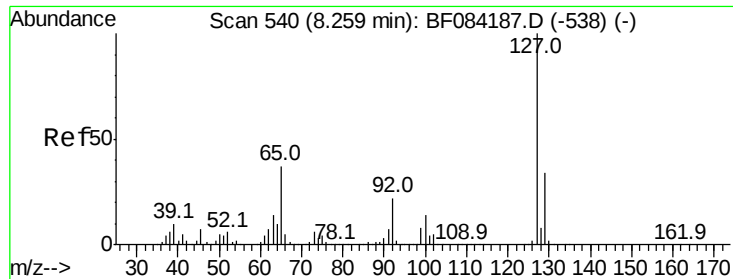
Abundance

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





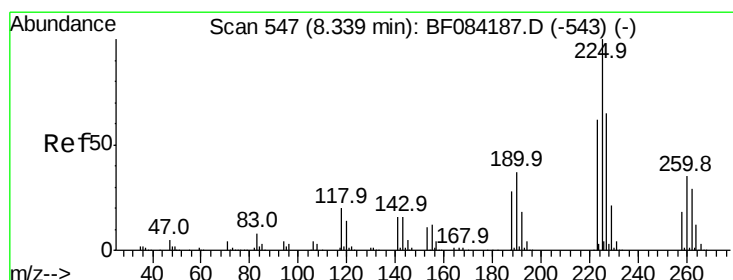
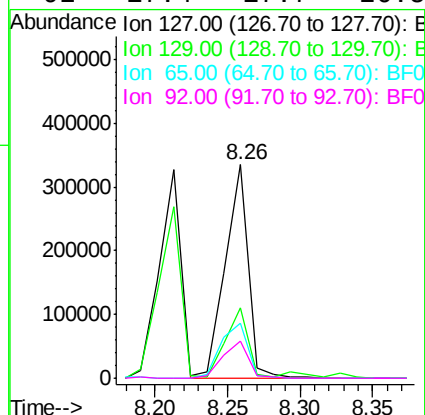
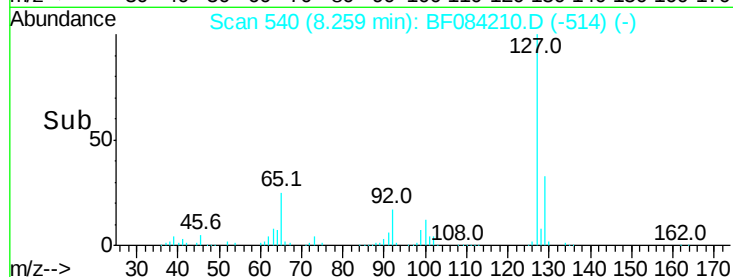
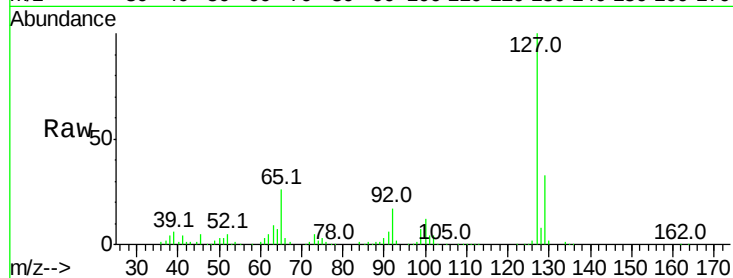
#33
4-Chloroaniline
Concen: 14.25 ng
RT: 8.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF084210.D
Acq: 31 Dec 2015 22:21

Instrument :
BNA_F
ClientSampleId :
PB87627BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.9	26.5	39.7		
65	25.9	27.2	40.8		
92	17.4	17.7	26.5		

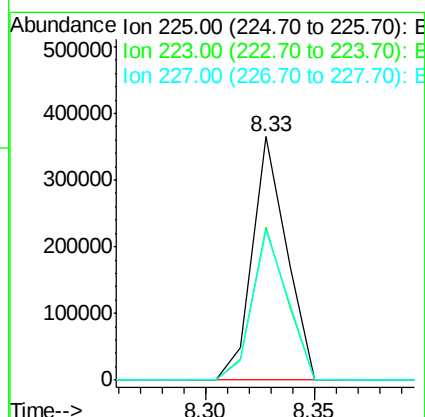
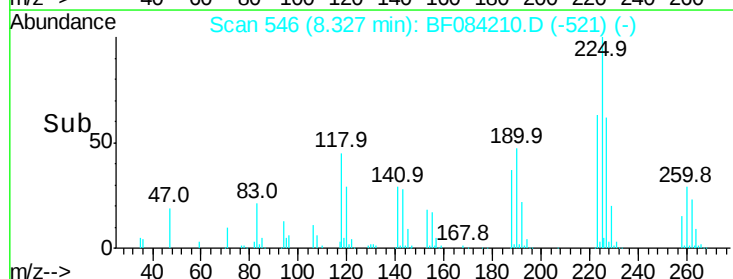
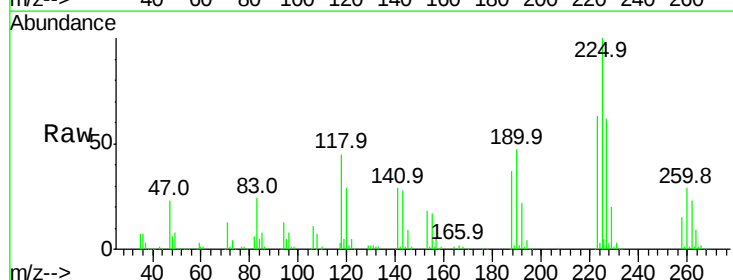
Manual Integrations
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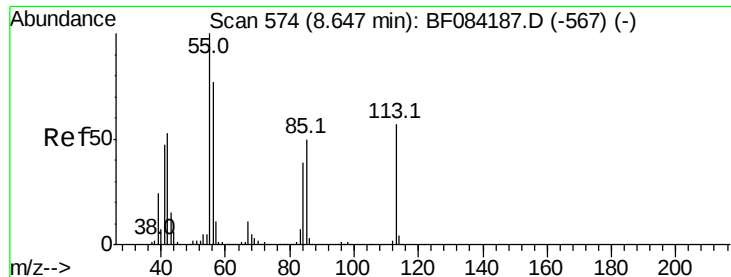
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#34
Hexachlorobutadiene
Concen: 38.69 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF084210.D
Acq: 31 Dec 2015 22:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.9	49.4	74.0		
227	61.9	50.8	76.2		





#35

Caprolactam

Concen: 37.93 ng

RT: 8.62 min Scan# 572

Delta R.T. -0.02 min

Lab File: BF084210.D

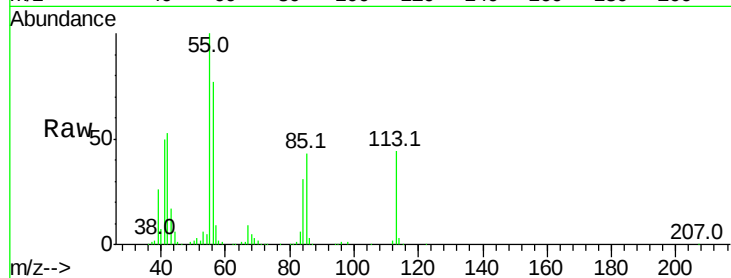
Acq: 31 Dec 2015 22:21

Instrument :

BNA_F

ClientSampleId :

PB87627BSD



Tot Ion:113 Resp: 222758

Ion Ratio Lower Upper

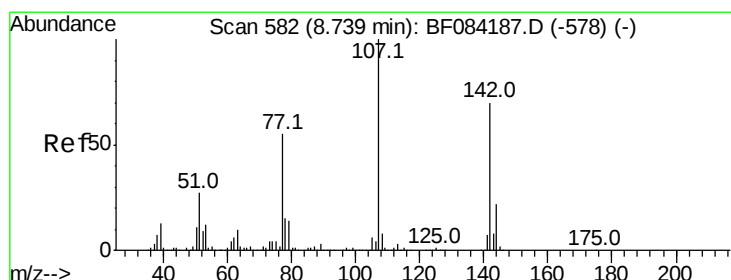
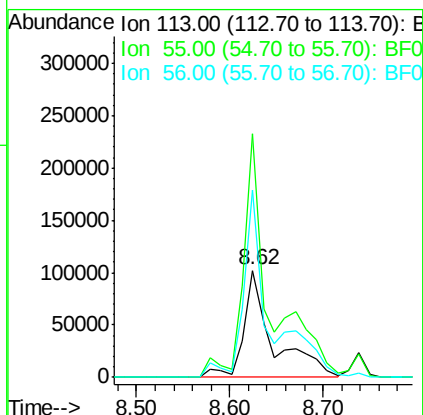
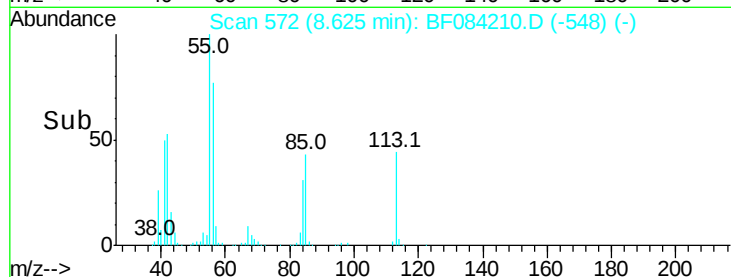
113 100

55 228.0 116.9 156.9#

56 176.0 93.8 133.8#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 39.52 ng

RT: 8.74 min Scan# 582

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

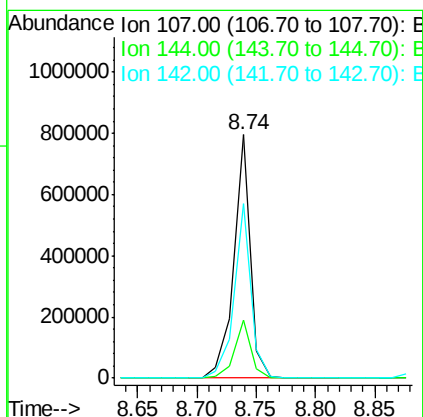
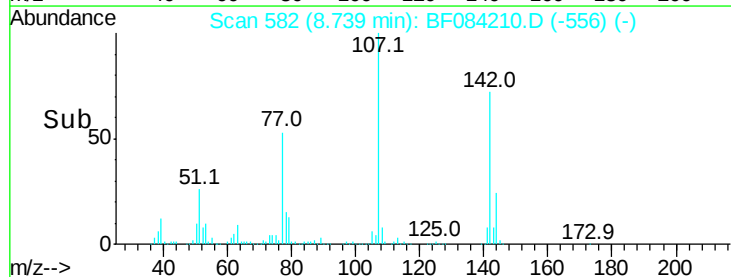
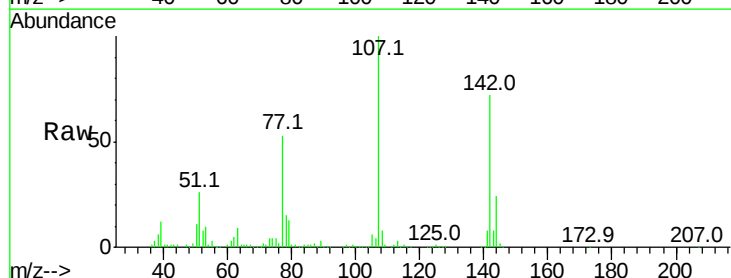
Tgt Ion:107 Resp: 771120

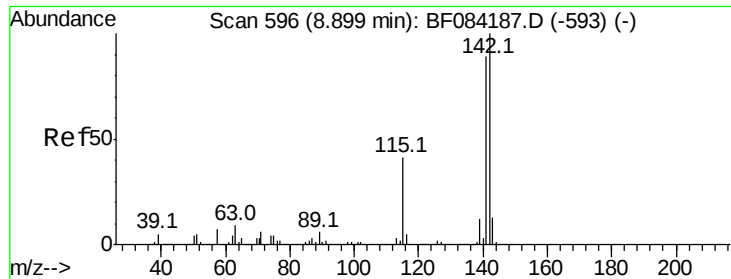
Ion Ratio Lower Upper

107 100

144 23.6 19.7 29.5

142 71.6 61.8 92.6





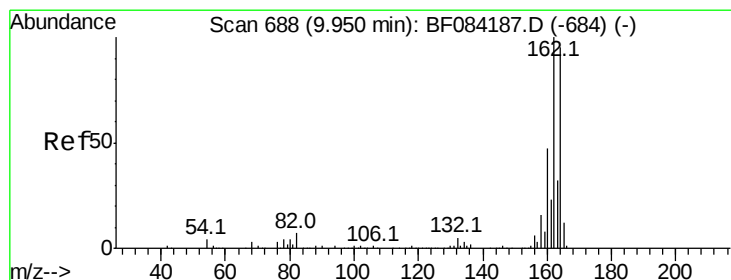
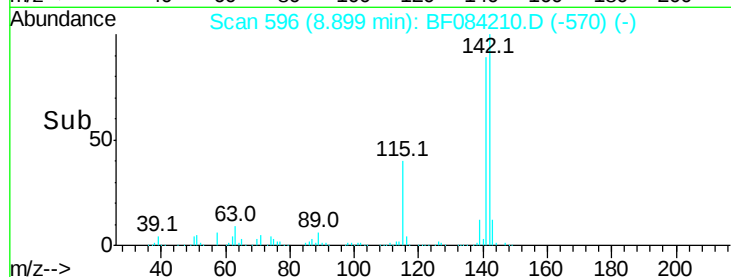
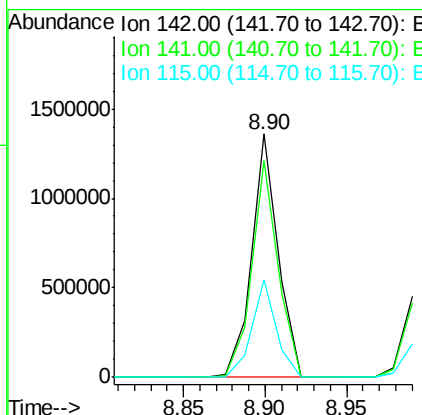
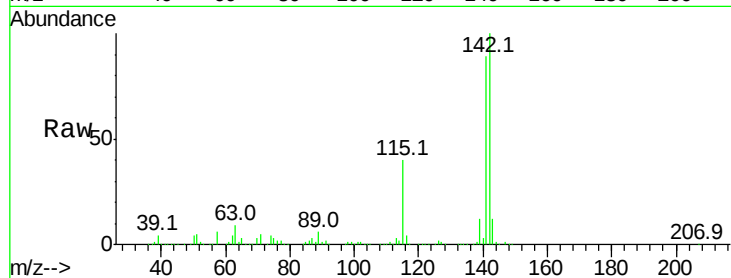
#37
2-Methylnaphthalene
Concen: 37.63 ng
RT: 8.90 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF084210.D
Acq: 31 Dec 2015 22:21

Instrument :
BNA_F
ClientSampleId :
PB87627BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.4	108.6
115	40.0	27.9	41.9

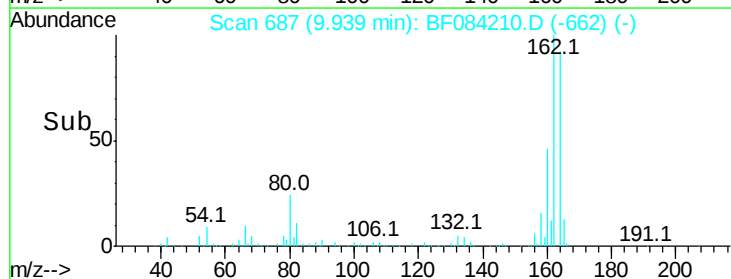
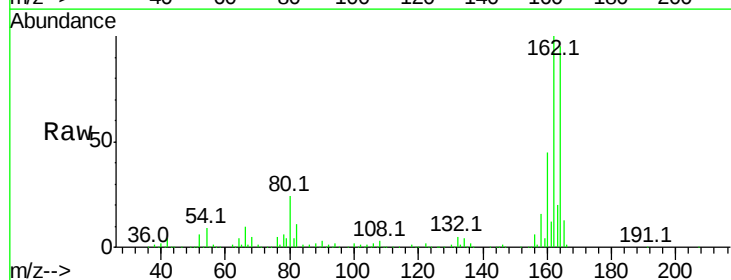
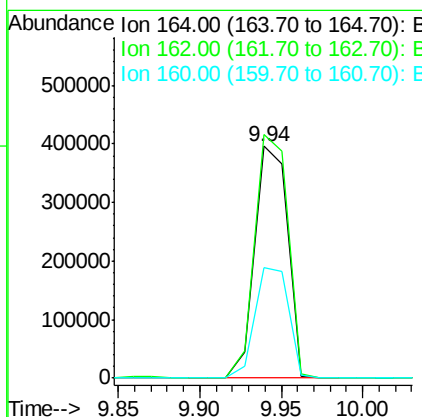
Manual Integrations
APPROVED

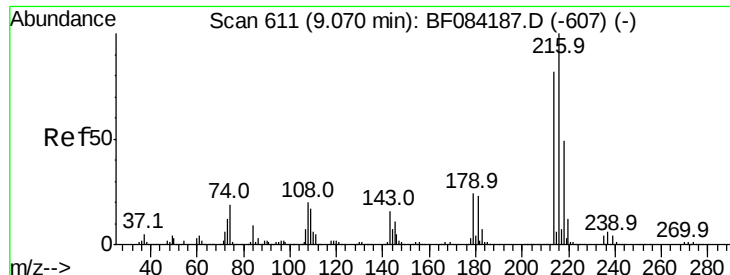
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF084210.D
Acq: 31 Dec 2015 22:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	85.1	127.7
160	47.6	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.61 ng

RT: 9.07 min Scan# 611

Delta R.T. 0.00 min

Lab File: BF084210.D

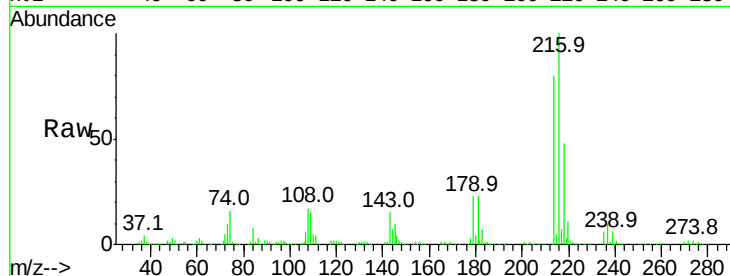
Acq: 31 Dec 2015 22:21

Instrument :

BNA_F

ClientSampleId :

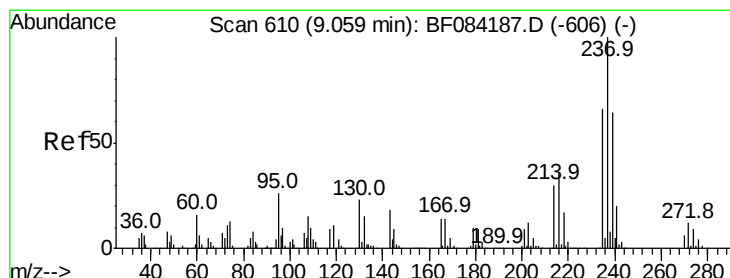
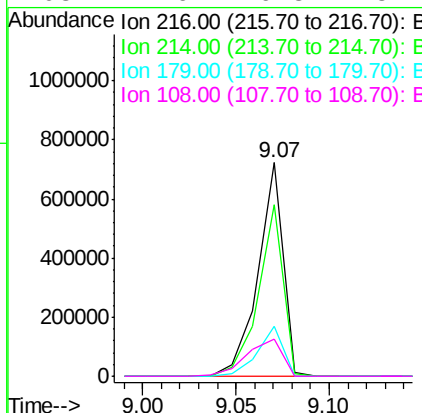
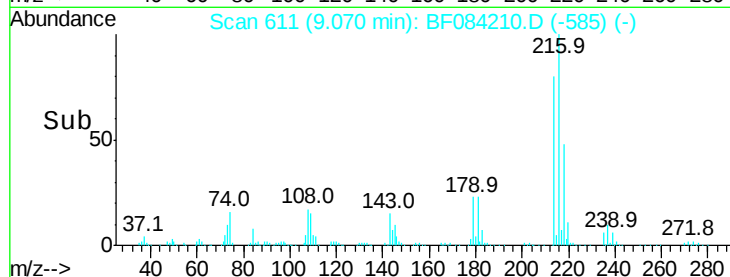
PB87627BSD



Tot Ion	Ratio	Resp	Lower	Upper
216	100	682441		
214	79.1	64.2	96.2	
179	24.1	18.7	28.1	
108	24.6	16.8	25.2	

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 87.86 ng

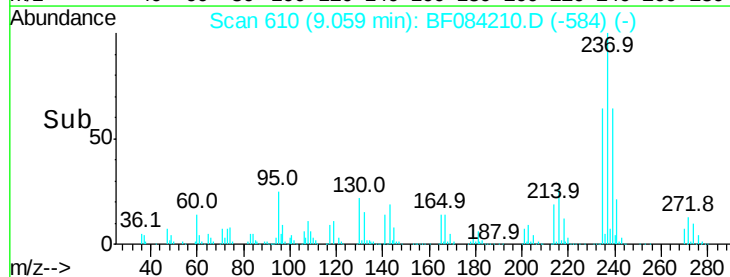
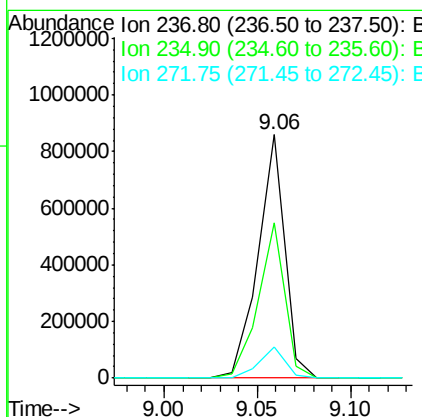
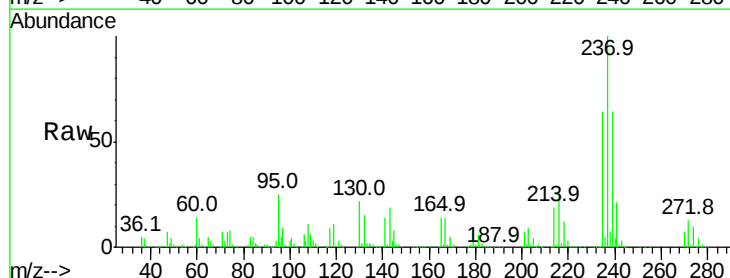
RT: 9.06 min Scan# 610

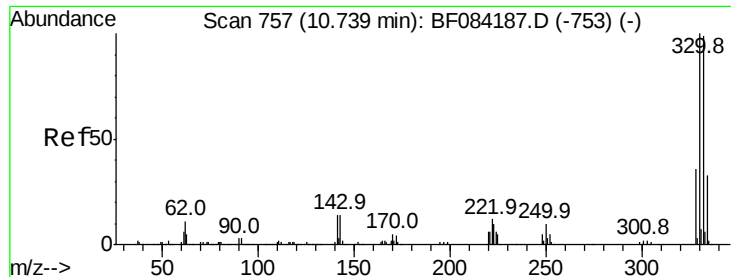
Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	849446		
235	64.0	43.1	83.1	
272	12.6	0.0	35.1	





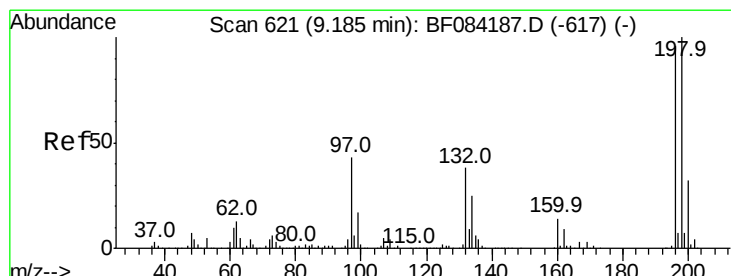
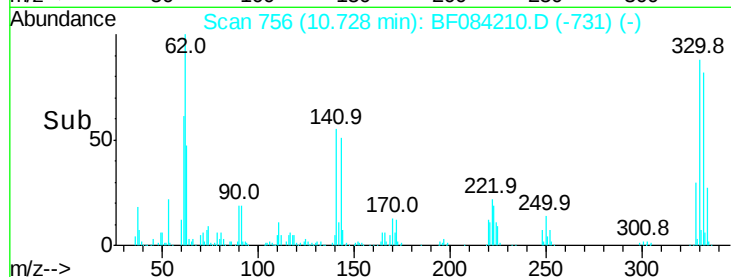
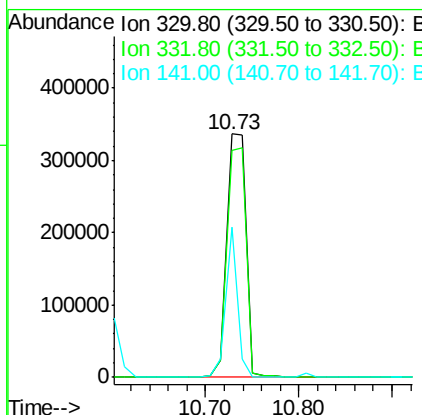
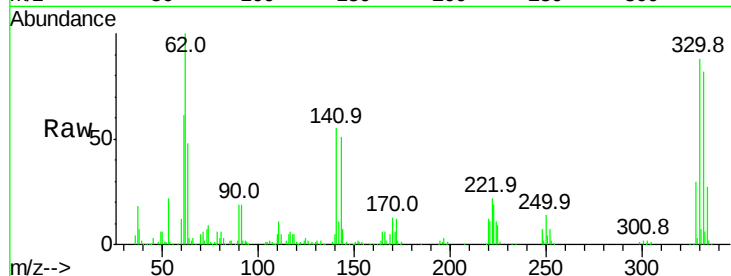
#41
 2,4,6-Tribromophenol
 Concen: 86.58 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF084210.D
 Acq: 31 Dec 2015 22:21

Instrument :
 BNA_F
 ClientSampleId :
 PB87627BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	486945		
332	94.4	76.6	114.8	
141	37.4	27.8	41.6	

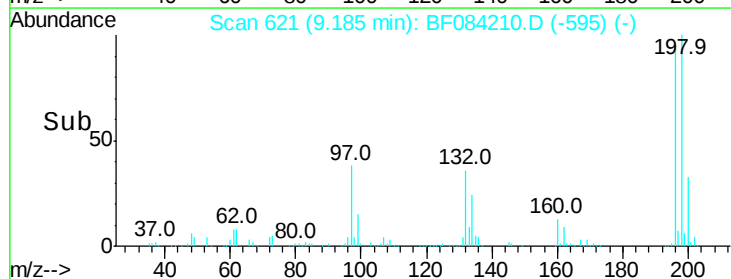
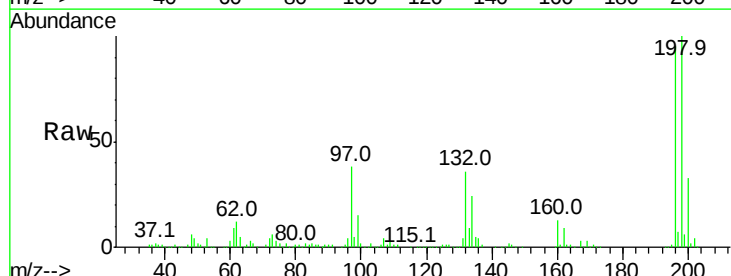
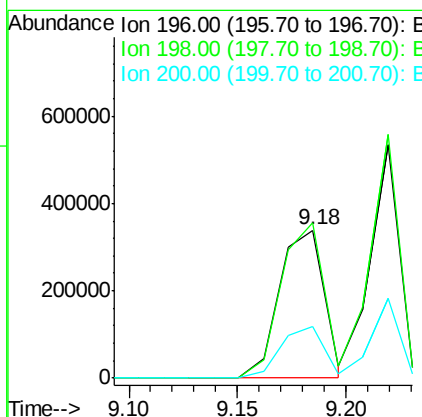
Manual Integrations
 APPROVED

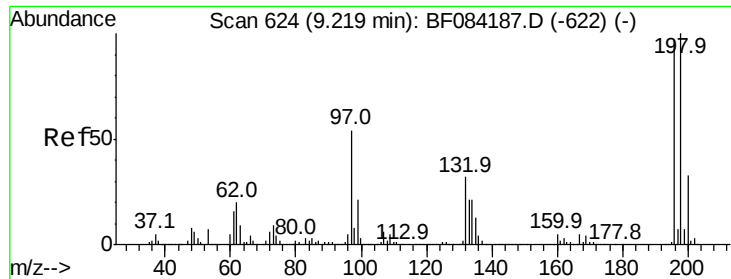
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#42
 2,4,6-Trichlorophenol
 Concen: 40.88 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF084210.D
 Acq: 31 Dec 2015 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	489785		
198	104.8	77.7	116.5	
200	35.0	24.6	37.0	





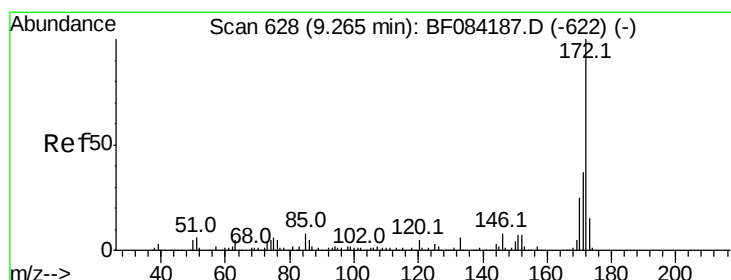
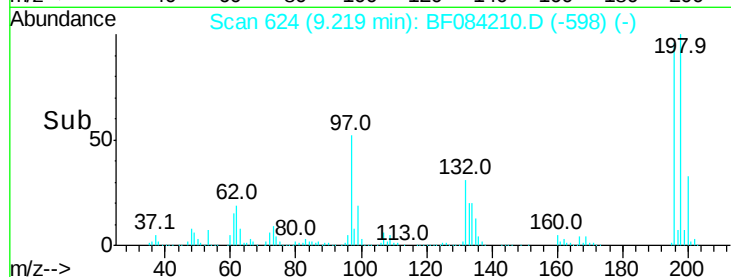
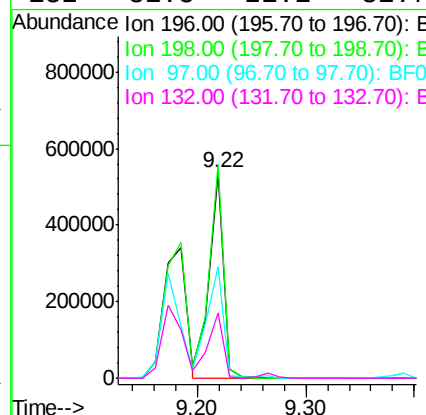
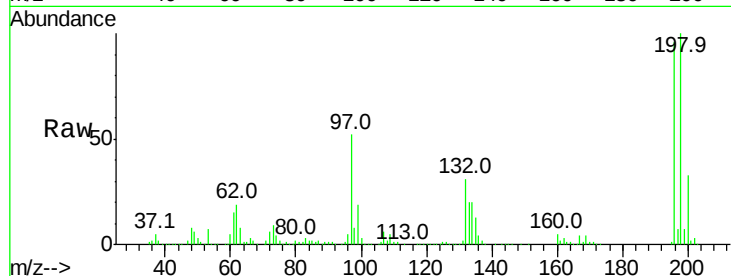
#43
 2,4,5-Trichlorophenol
 Concen: 43.07 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF084210.D
 Acq: 31 Dec 2015 22:21

Instrument :
 BNA_F
 ClientSampleId :
 PB87627BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	494738		
198	104.2	79.0	118.6	
97	54.5	33.0	49.6	
132	31.8	21.1	31.7	

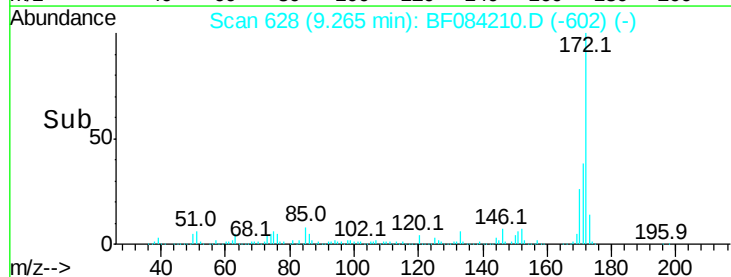
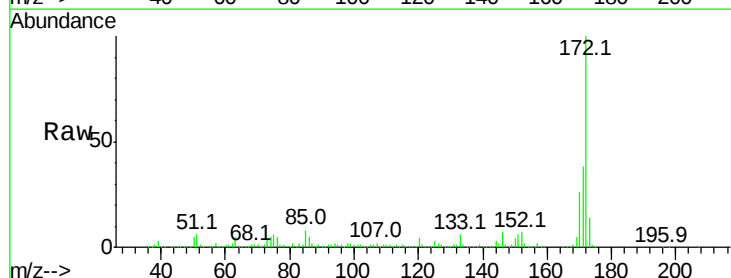
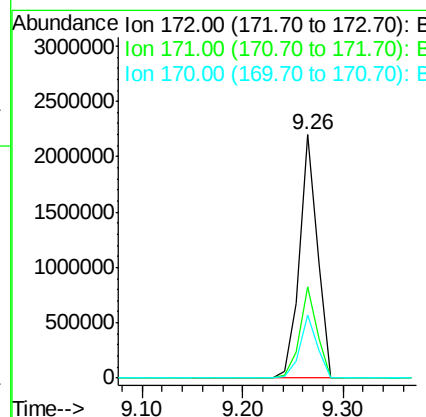
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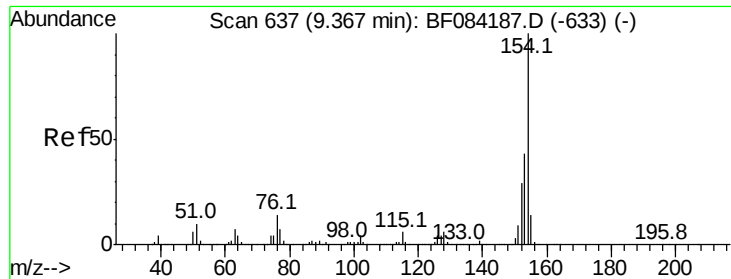
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#44
 2-Fluorobiphenyl
 Concen: 85.94 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF084210.D
 Acq: 31 Dec 2015 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2719427		
171	37.7	28.9	43.3	
170	26.1	18.6	27.8	





#45

1,1'-Biphenyl

Concen: 42.52 ng

RT: 9.37 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Instrument :

BNA_F

ClientSampleId :

PB87627BSD

Tot Ion:154 Resp: 1882494

Ion	Ratio	Lower	Upper
154	100		
153	42.1	21.6	61.6
76	12.9	0.0	32.7

154 100

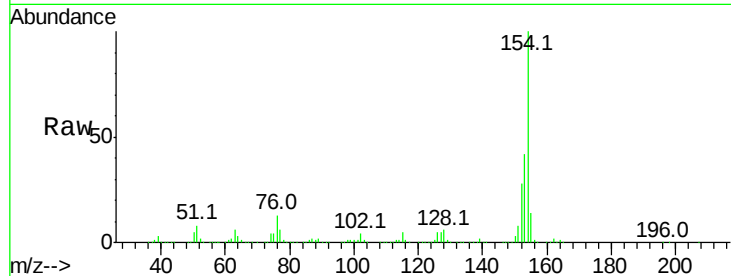
153 42.1 21.6 61.6

76 12.9 0.0 32.7

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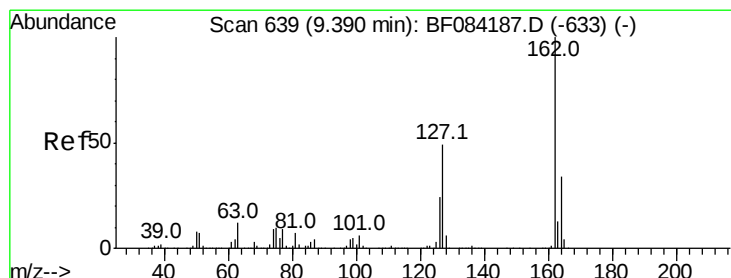
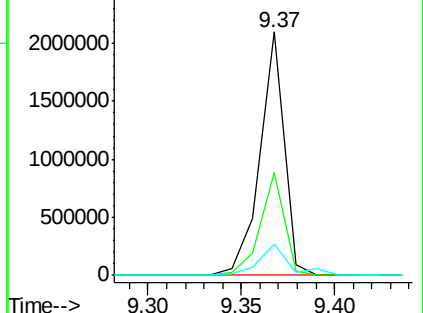
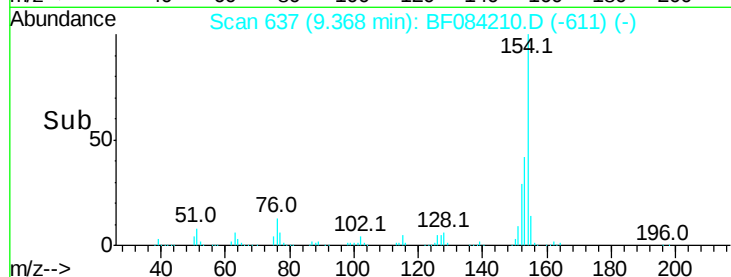
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.11 ng

RT: 9.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

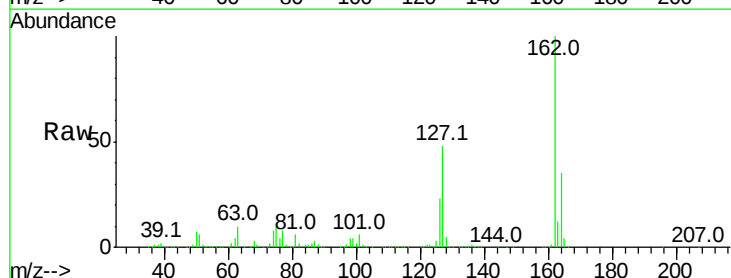
Tgt Ion:162 Resp: 1395033

Ion	Ratio	Lower	Upper
162	100		
127	47.5	40.2	60.4
164	34.6	25.7	38.5

162 100

127 47.5 40.2 60.4

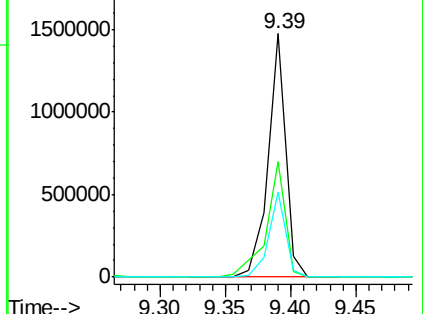
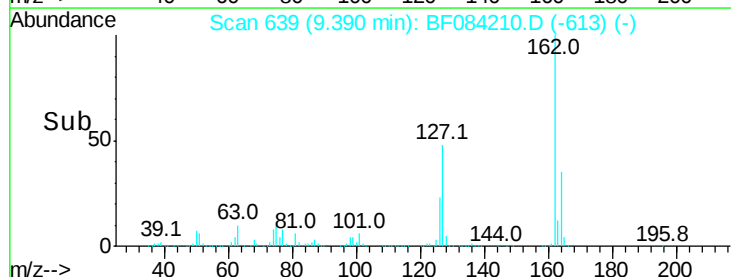
164 34.6 25.7 38.5

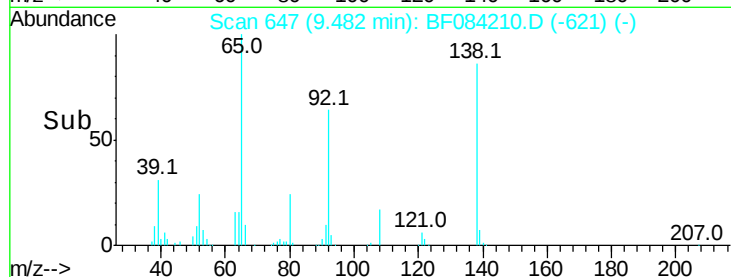
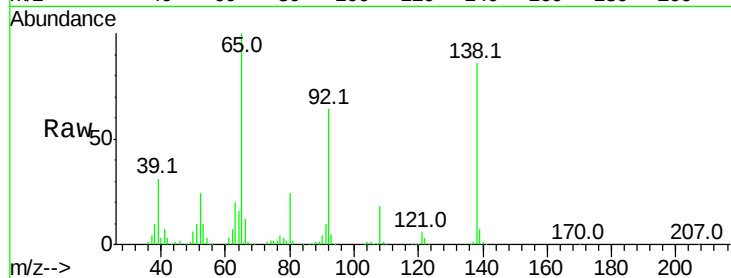
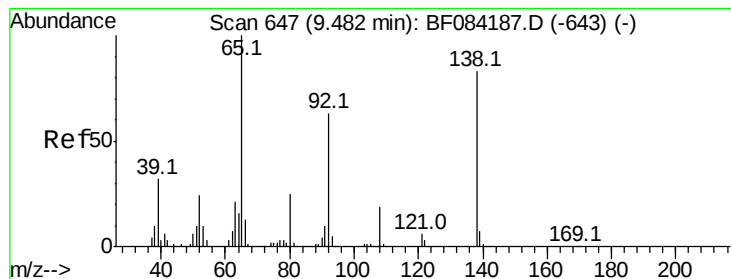


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 41.26 ng

RT: 9.48 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF084210.D

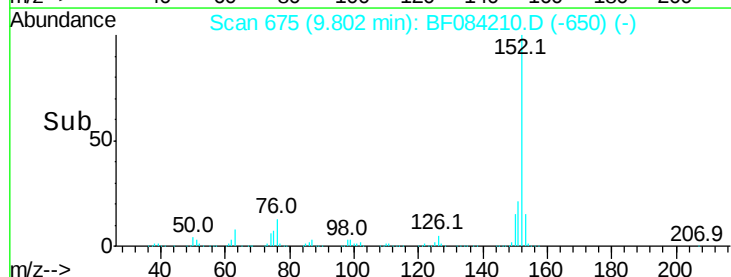
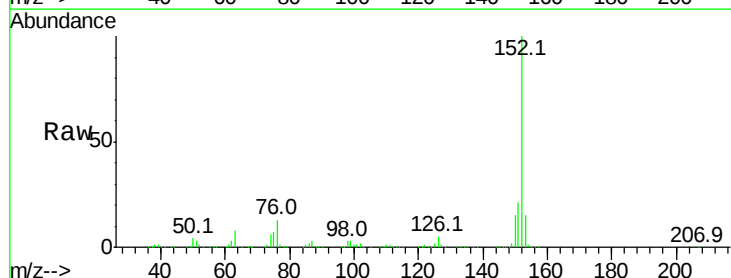
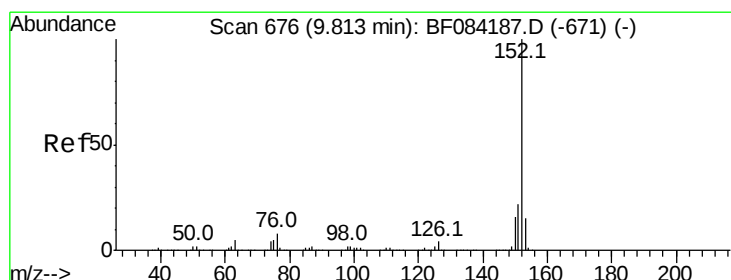
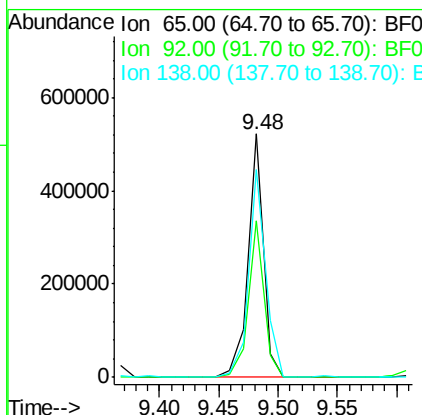
Acq: 31 Dec 2015 22:21

Tot Ion:	65	Resp:	473640
Ion Ratio	Lower	Upper	
65	100		
92	64.1	53.4	80.2
138	85.5	71.1	106.7

Instrument :
BNA_F
ClientSampleId :
PB87627BSD

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#48

Acenaphthylene

Concen: 42.13 ng

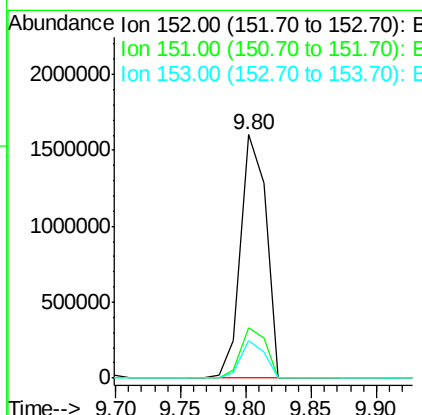
RT: 9.80 min Scan# 675

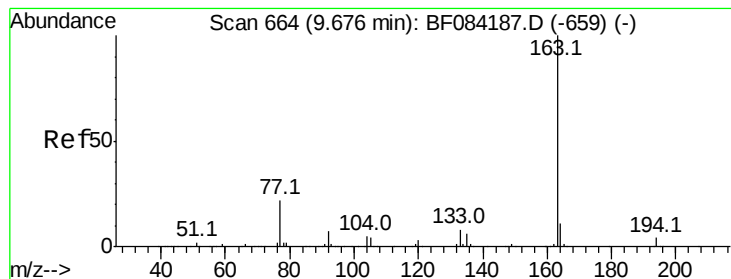
Delta R.T. -0.01 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Tgt Ion:	152	Resp:	2164745
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.3	24.5
153	15.3	10.4	15.6





#49

Dimethylphthalate

Concen: 43.43 ng

RT: 9.68 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Instrument :

BNA_F

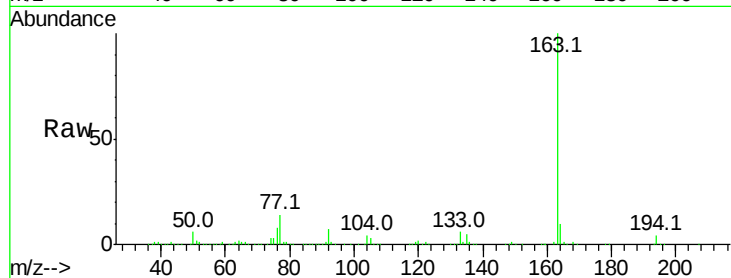
ClientSampleId :

PB87627BSD

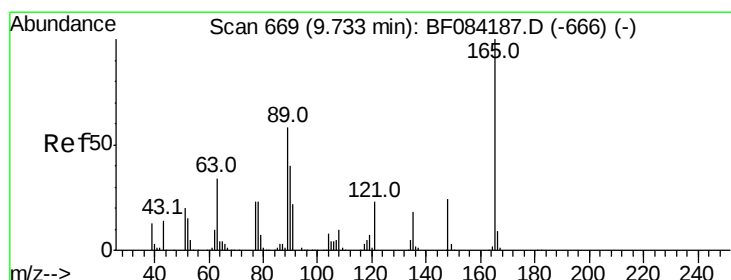
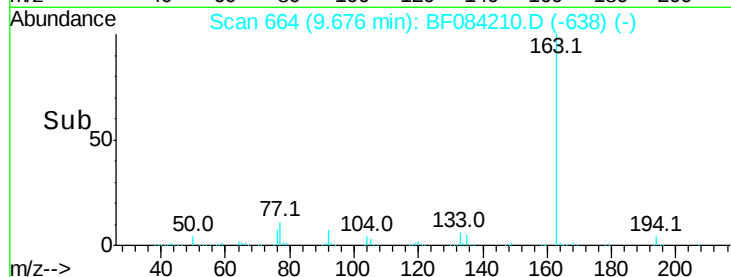
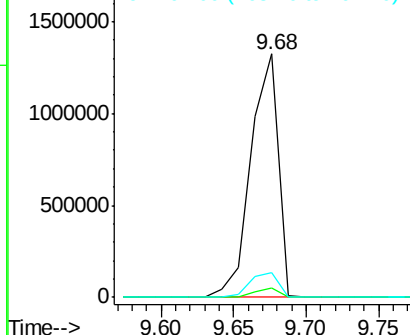
Tot Ion:	163	Resp:	1729704
Ion Ratio	Lower	Upper	
163	100		
194	3.7	8.0	12.0#
164	10.0	8.0	12.0

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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: 44.90 ng

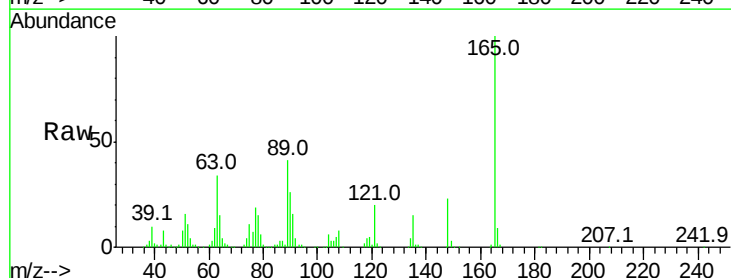
RT: 9.73 min Scan# 669

Delta R.T. 0.00 min

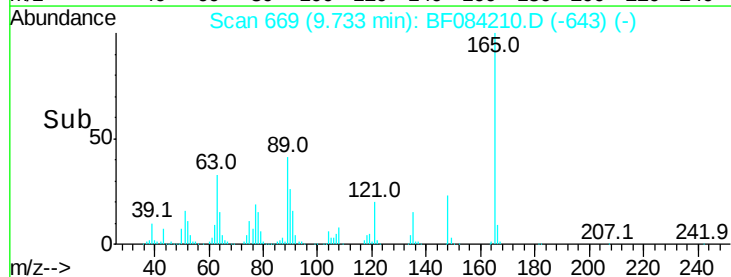
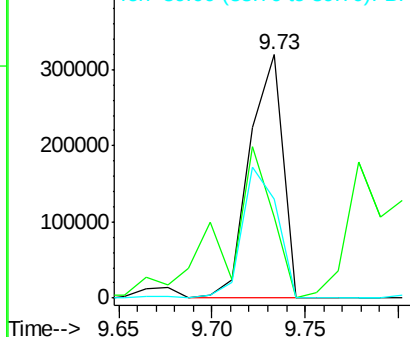
Lab File: BF084210.D

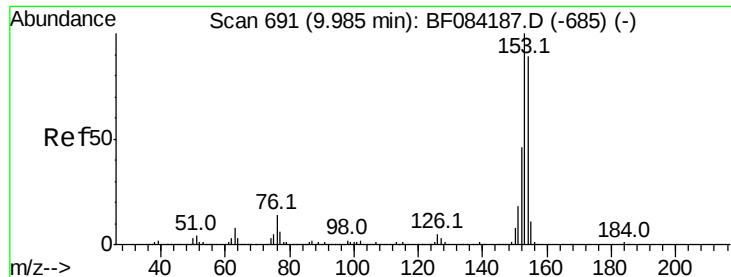
Acq: 31 Dec 2015 22:21

Tgt Ion:	165	Resp:	392193
Ion Ratio	Lower	Upper	
165	100		
63	33.5	28.8	43.2
89	40.6	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: 45.51 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Instrument :

BNA_F

ClientSampleId :

PB87627BSD

Tot Ion:154 Resp: 1568559

Ion Ratio Lower Upper

154 100

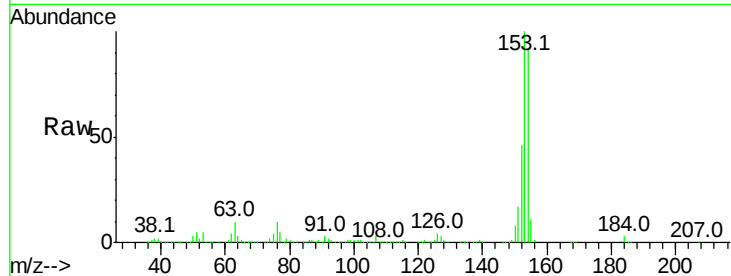
153 108.3 91.5 137.3

152 49.4 43.0 64.6

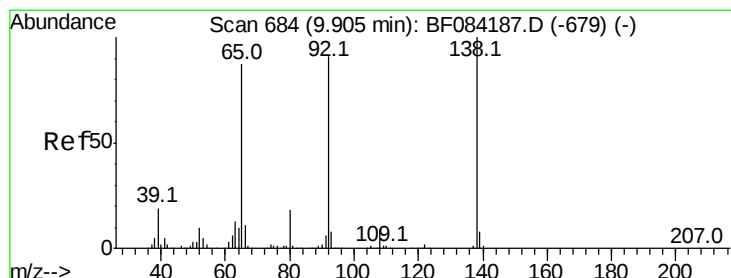
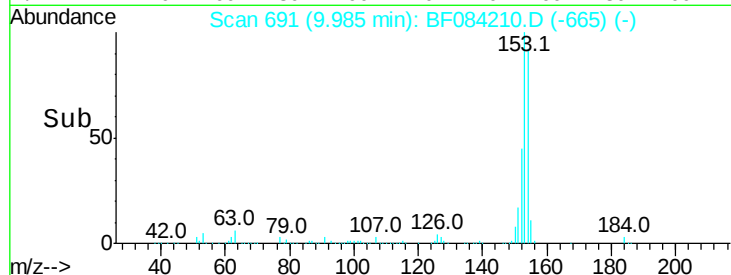
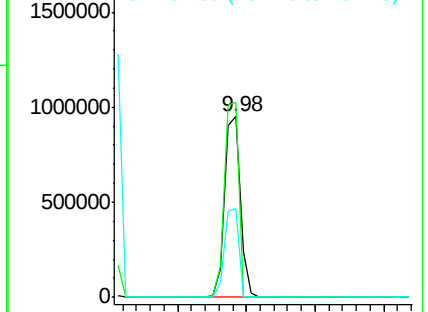
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.49 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

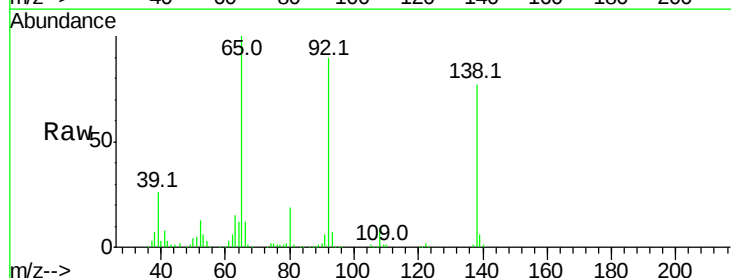
Tgt Ion:138 Resp: 243476

Ion Ratio Lower Upper

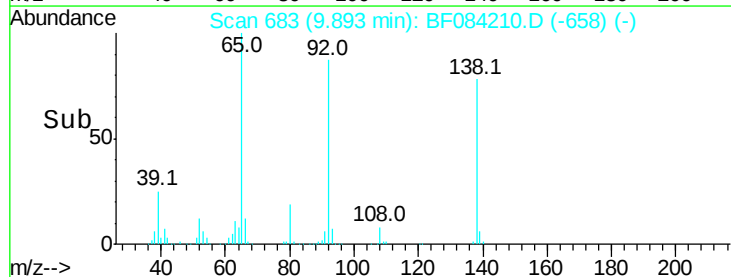
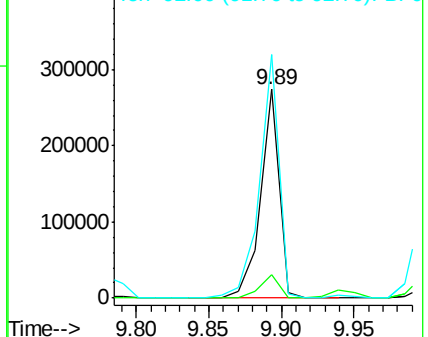
138 100

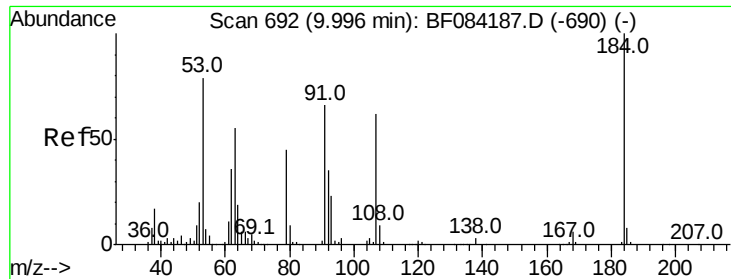
108 11.0 10.5 15.7

92 116.5 103.9 155.9



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





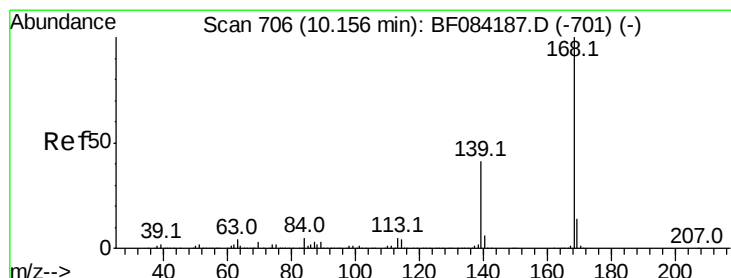
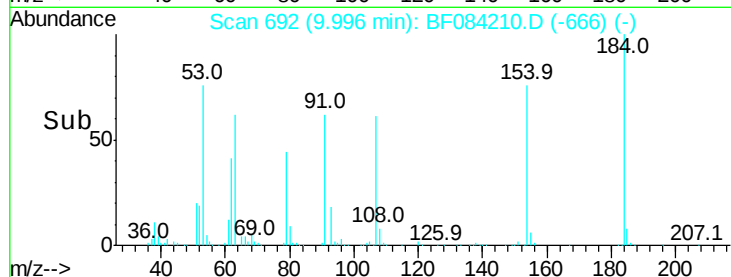
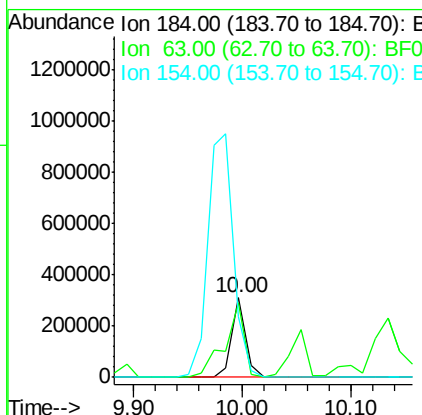
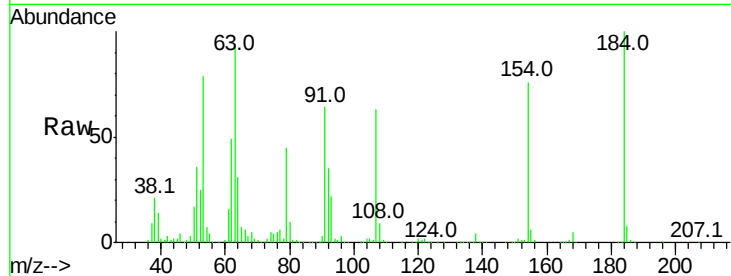
#53
 2,4-Dinitrophenol
 Concen: 73.63 ng
 RT: 10.00 min Scan# 692
 Delta R.T. 0.00 min
 Lab File: BF084210.D
 Acq: 31 Dec 2015 22:21

Instrument :
 BNA_F
 ClientSampleId :
 PB87627BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	272894		
63	93.9	43.1	64.7#	
154	75.9	60.5	90.7	

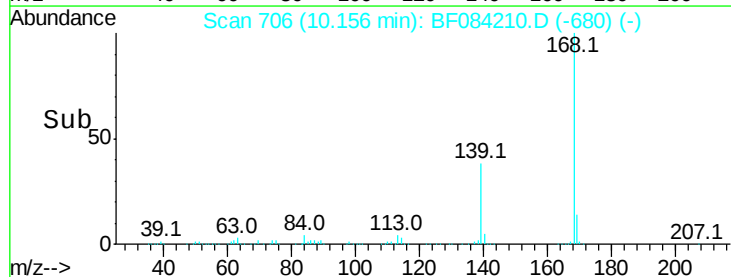
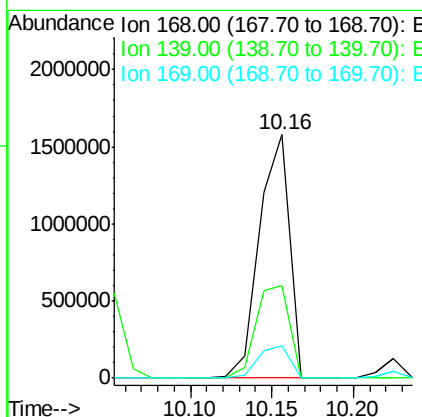
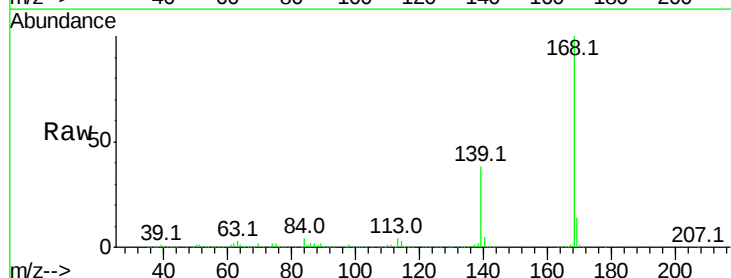
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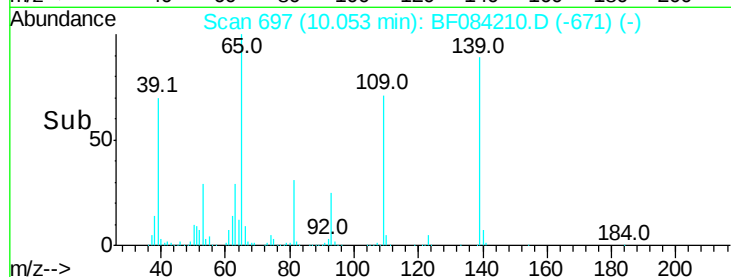
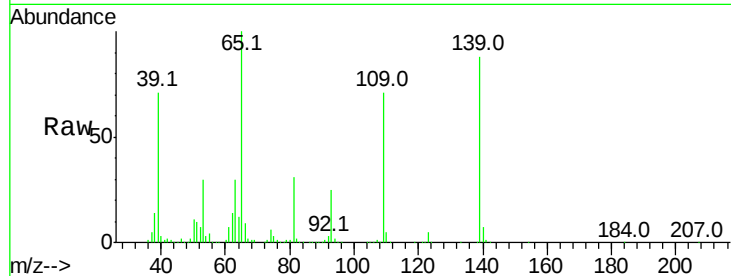
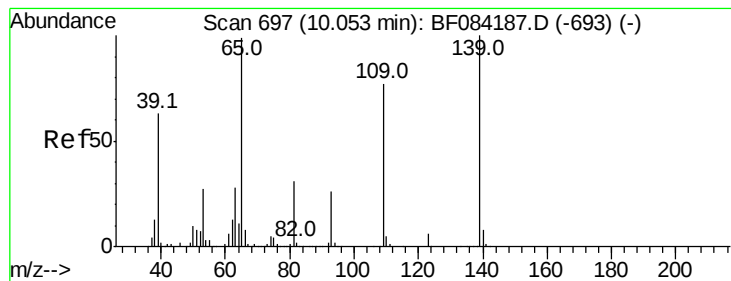
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#54
 Dibenzofuran
 Concen: 45.24 ng
 RT: 10.16 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BF084210.D
 Acq: 31 Dec 2015 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	2018557		
139	38.1	30.5	45.7	
169	13.6	10.4	15.6	





#55

4-Nitrophenol

Concen: 74.43 ng

RT: 10.05 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF084210.D

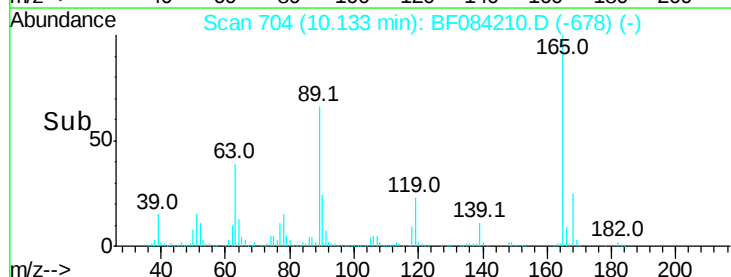
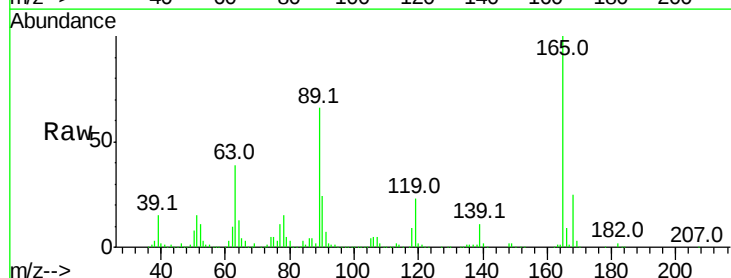
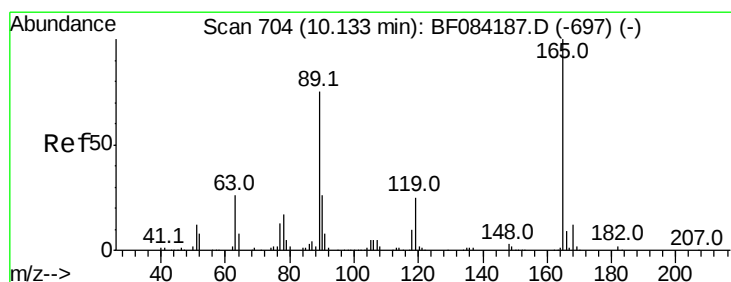
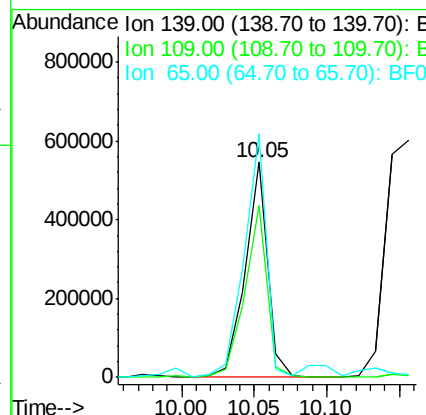
Acq: 31 Dec 2015 22:21

Tot Ion:	139	Resp:	584767
Ion Ratio	Lower	Upper	
139	100		
109	79.9	58.5	98.5
65	113.1	57.6	97.6#

Instrument :
BNA_F
ClientSampleId :
PB87627BSD

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#56

2,4-Dinitrotoluene

Concen: 51.31 ng

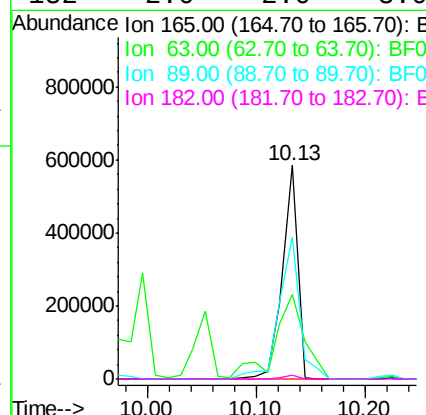
RT: 10.13 min Scan# 704

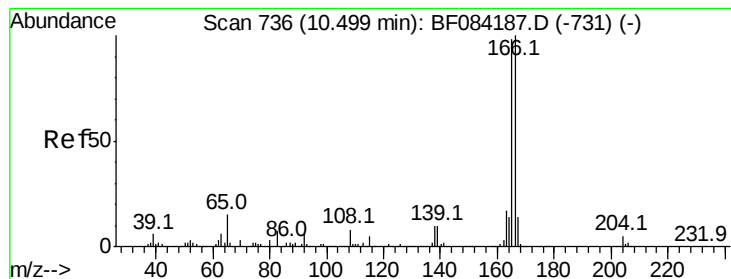
Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Tgt Ion:	165	Resp:	567213
Ion Ratio	Lower	Upper	
165	100		
63	39.4	36.7	55.1
89	66.3	61.9	92.9
182	2.0	2.0	3.0#





#57

Fluorene

Concen: 42.27 ng

RT: 10.50 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Instrument :

BNA_F

ClientSampleId :

PB87627BSD

Tot Ion:166 Resp: 1464102

Ion Ratio Lower Upper

166 100

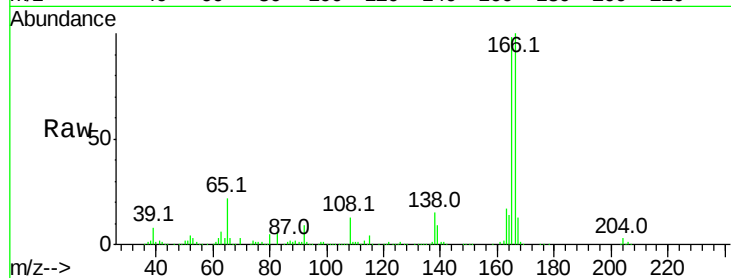
165 98.4 79.1 118.7

167 13.2 10.4 15.6

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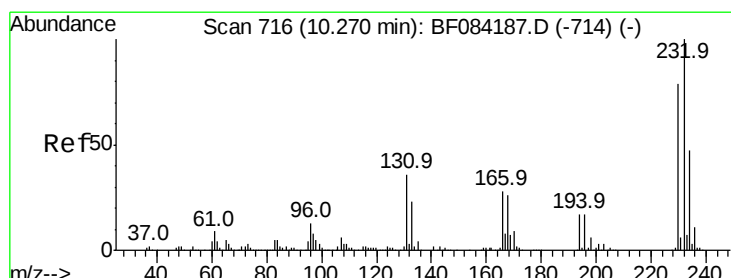
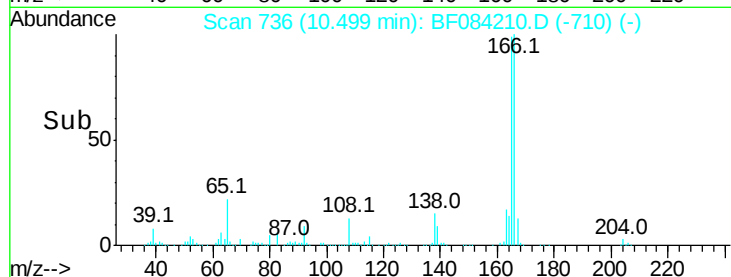
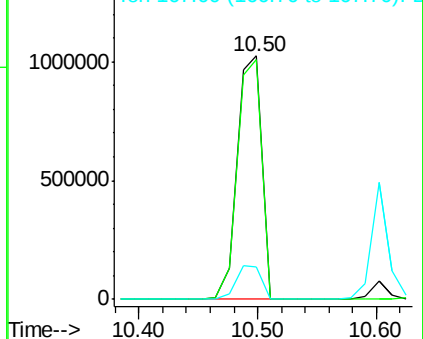
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.69 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Tgt Ion:232 Resp: 428425

Ion Ratio Lower Upper

232 100

131 51.3 47.0 70.6

130 2.3 2.0 3.0

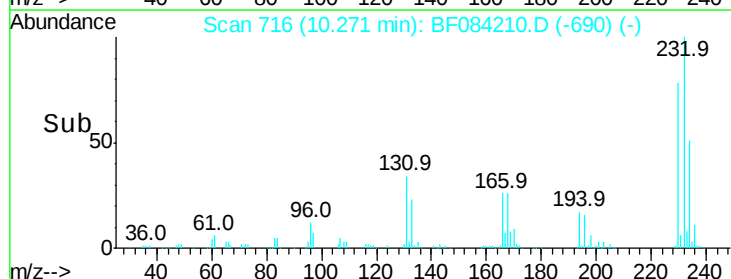
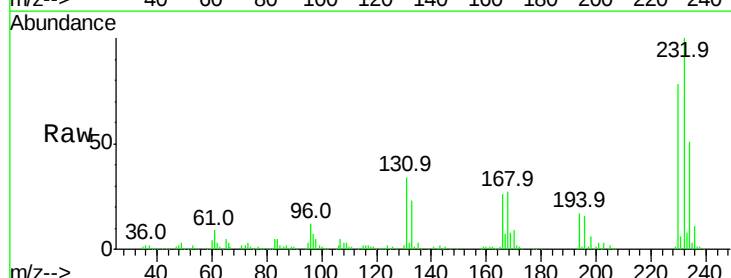
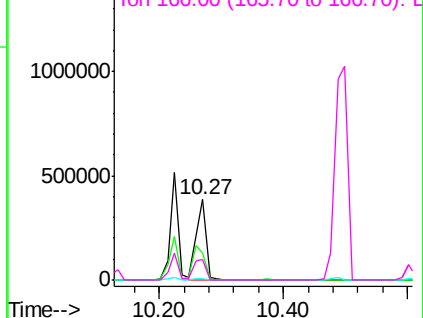
166 32.6 30.5 45.7

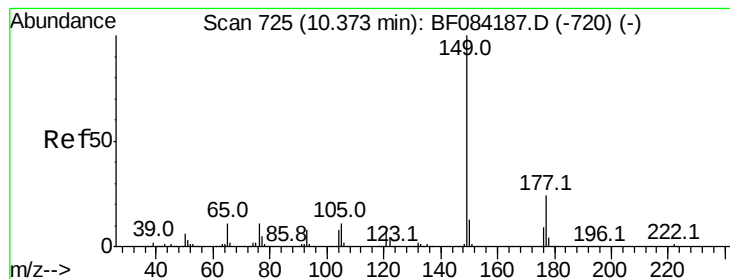
Abundance Ion 232.00 (231.70 to 232.70): E

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: 44.22 ng

RT: 10.37 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Instrument :

BNA_F

ClientSampleId :

PB87627BSD

Tot Ion:149 Resp: 1736568

Ion Ratio Lower Upper

149 100

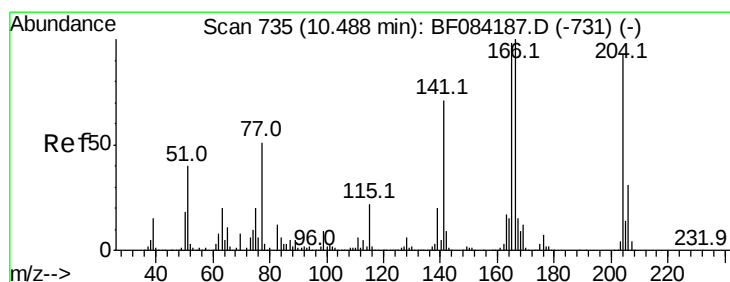
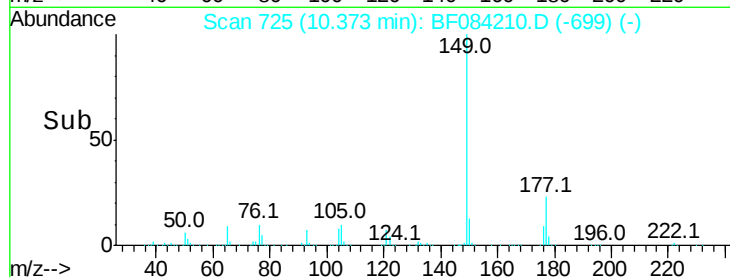
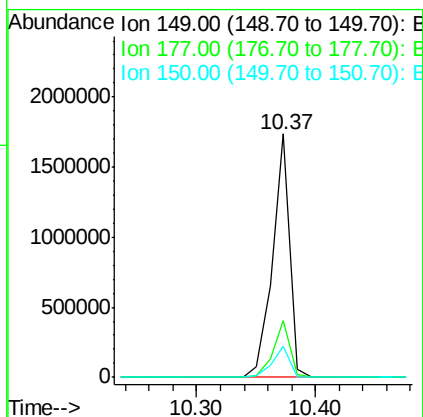
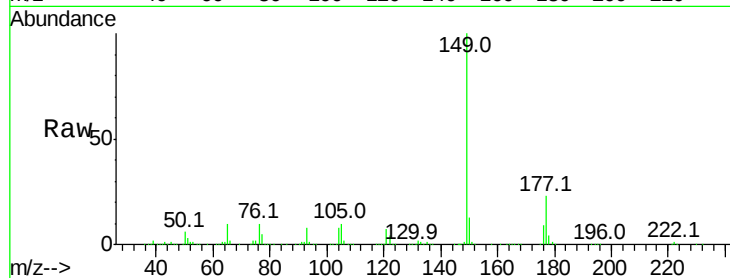
177 23.3 17.3 25.9

150 13.0 9.8 14.8

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#60

4-Chlorophenyl-phenylether

Concen: 52.05 ng

RT: 10.49 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

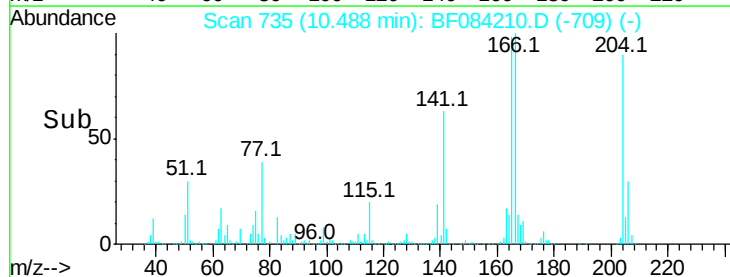
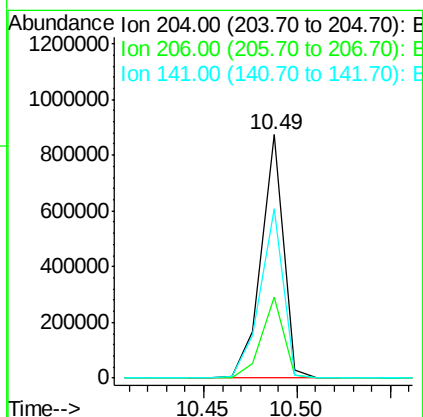
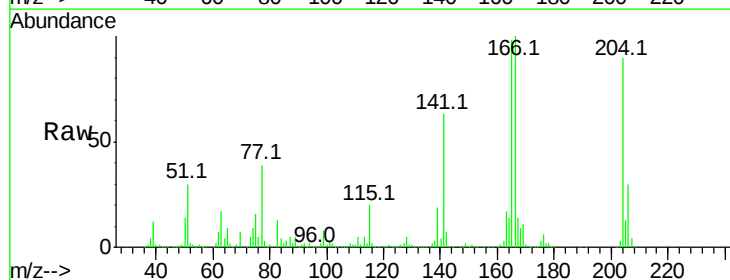
Tgt Ion:204 Resp: 739984

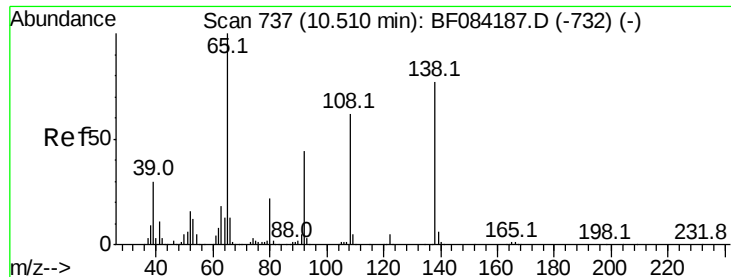
Ion Ratio Lower Upper

204 100

206 33.2 25.7 38.5

141 69.4 55.1 82.7





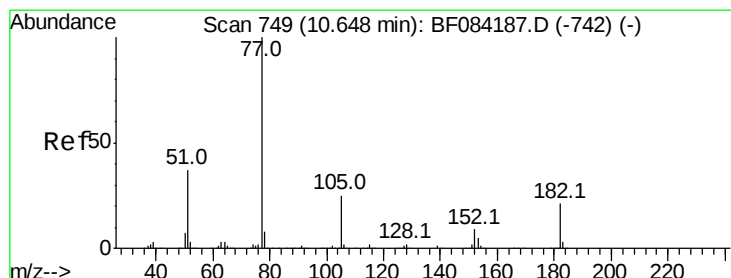
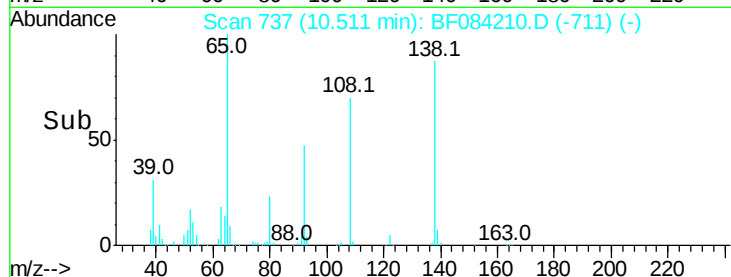
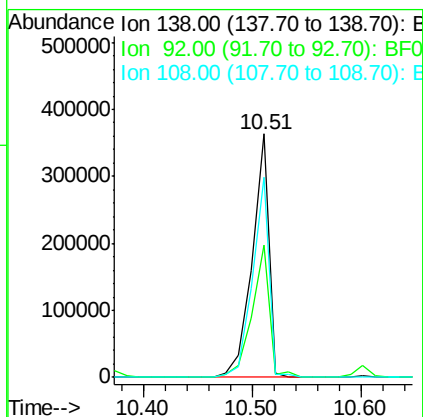
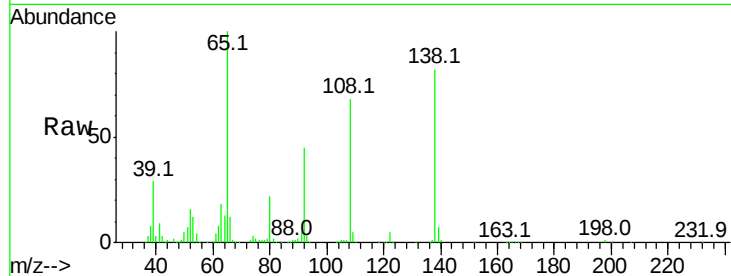
#61
4-Nitroaniline
Concen: 40.60 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF084210.D
Acq: 31 Dec 2015 22:21

Instrument :
BNA_F
ClientSampleId :
PB87627BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	54.3	32.6	72.6
108	82.3	68.6	108.6

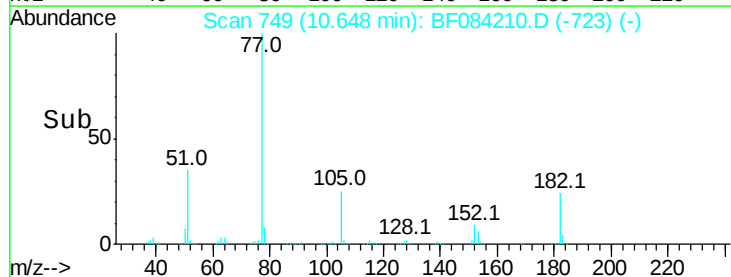
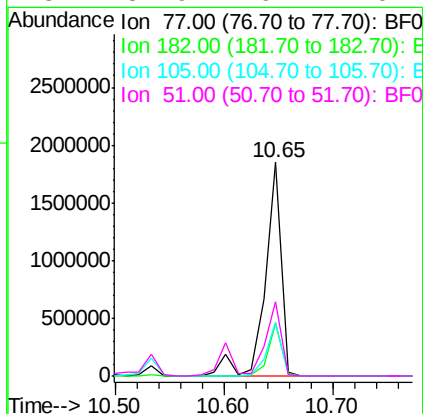
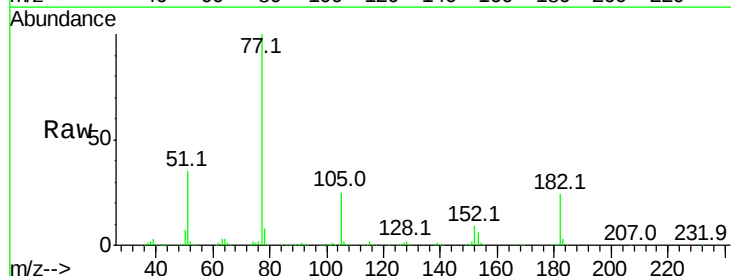
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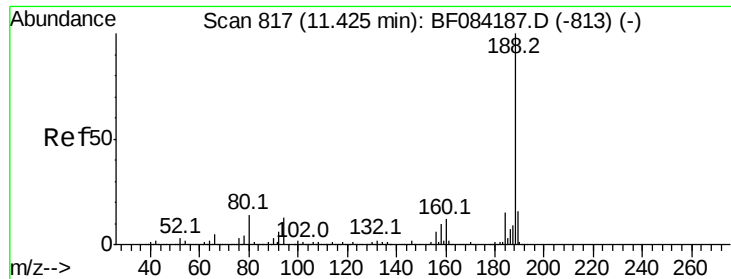
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#62
Azobenzene
Concen: 45.27 ng
RT: 10.65 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF084210.D
Acq: 31 Dec 2015 22:21

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.3	8.3	48.3
105	25.2	4.6	44.6
51	34.9	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: BF084210.D

Acq: 31 Dec 2015 22:21

Instrument :

BNA_F

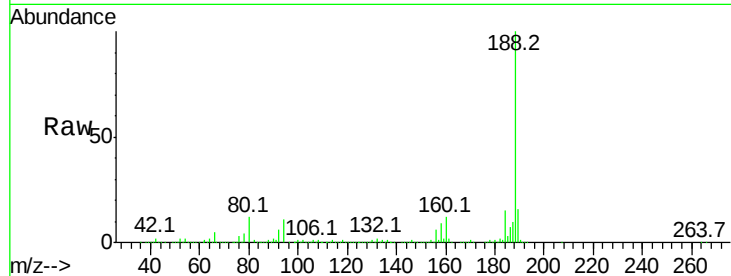
ClientSampleId :

PB87627BSD

Tot Ion:	188	Resp:	1010536
Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.0	13.4
80	12.2	9.6	14.4

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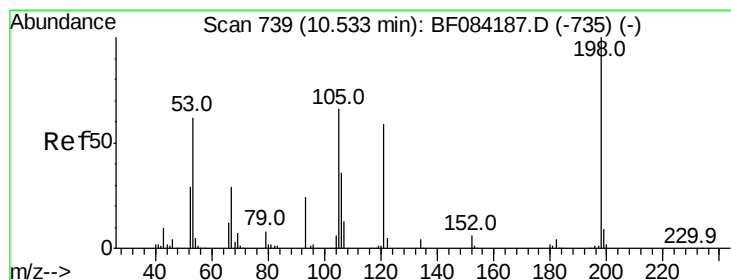
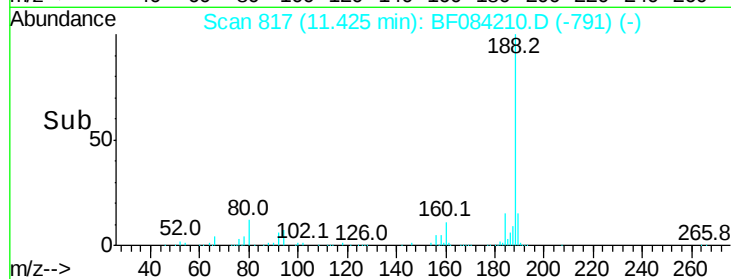
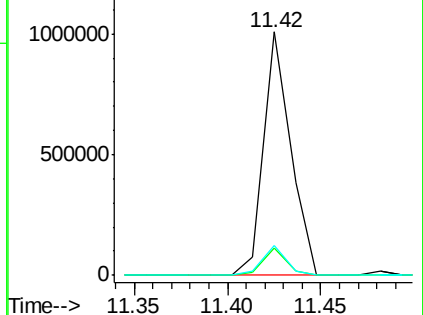
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 36.99 ng

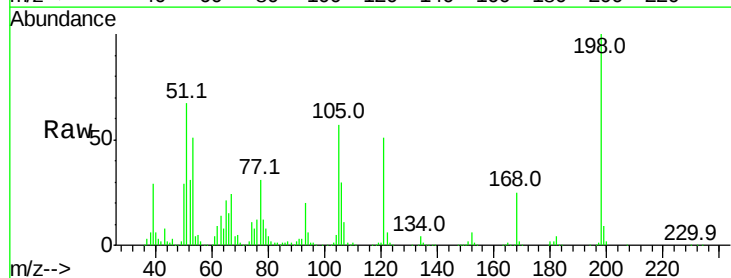
RT: 10.53 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

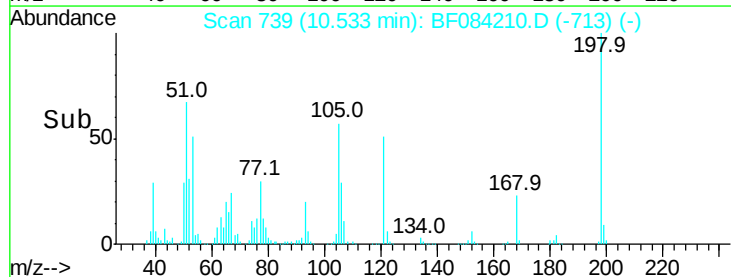
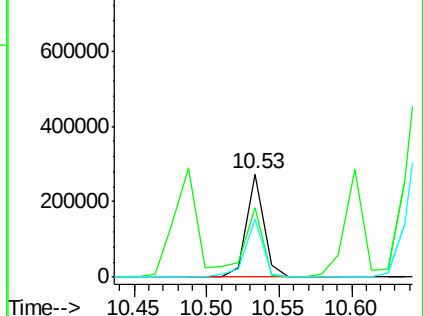
Tgt Ion:	198	Resp:	228143
Ion	Ratio	Lower	Upper
198	100		
51	67.1	18.9	58.9#
105	56.7	26.4	66.4

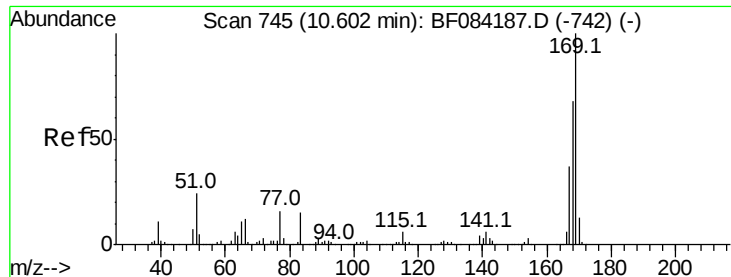


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.72 ng

RT: 10.60 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Instrument :

BNA_F

ClientSampleId :

PB87627BSD

Tot Ion:169 Resp: 1251060

Ion Ratio Lower Upper

169 100

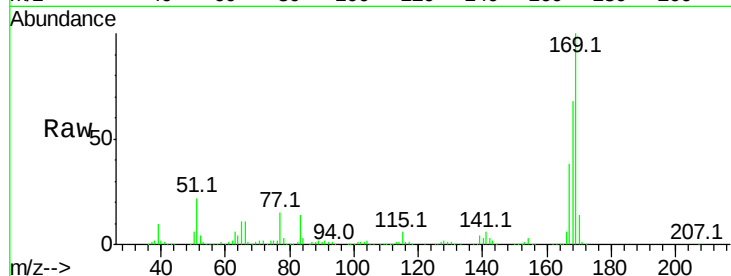
168 67.9 55.1 82.7

167 38.1 30.0 45.0

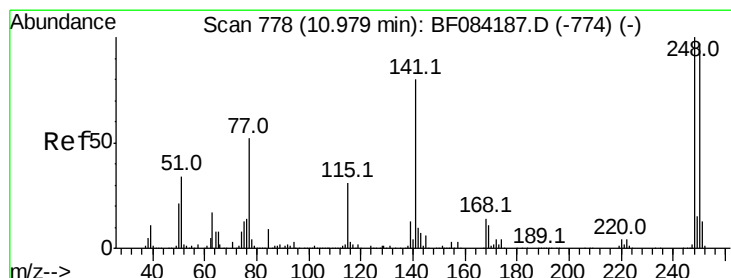
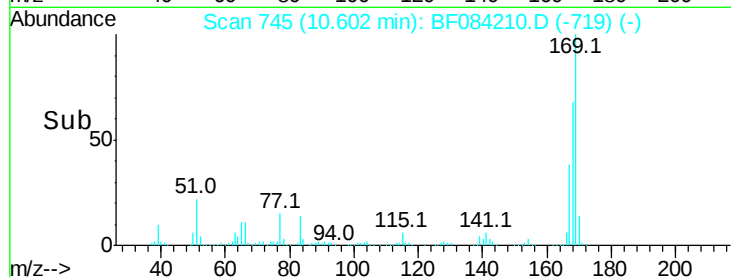
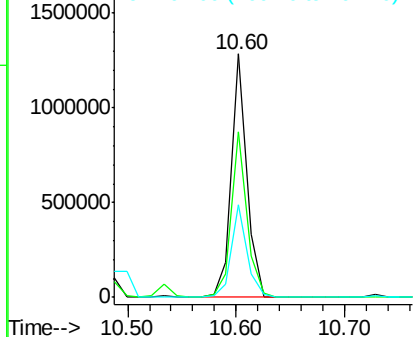
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.88 ng

RT: 10.98 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

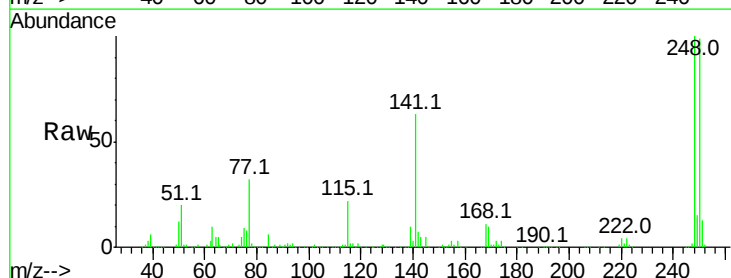
Tgt Ion:248 Resp: 488171

Ion Ratio Lower Upper

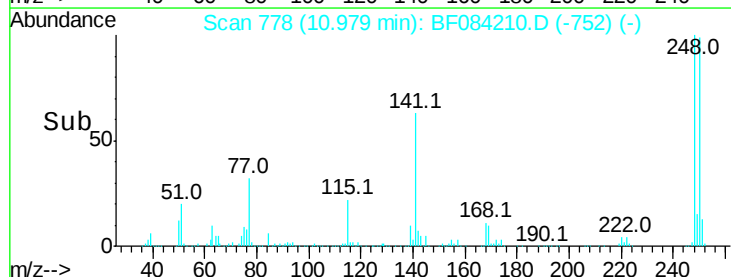
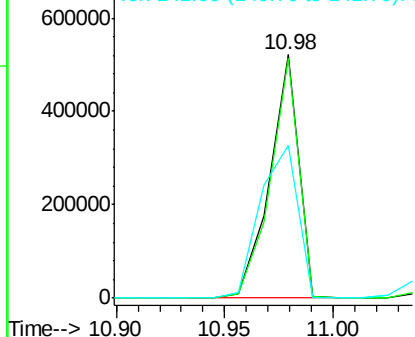
248 100

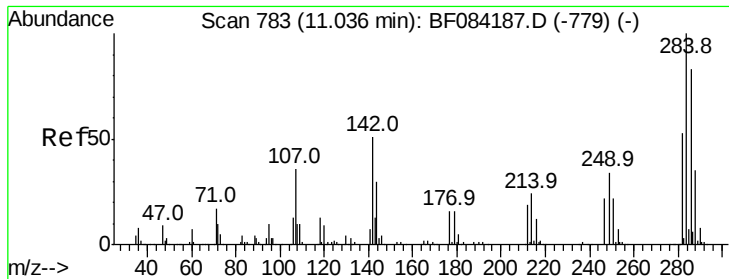
250 98.5 78.4 117.6

141 62.7 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: 38.15 ng

RT: 11.04 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Instrument :

BNA_F

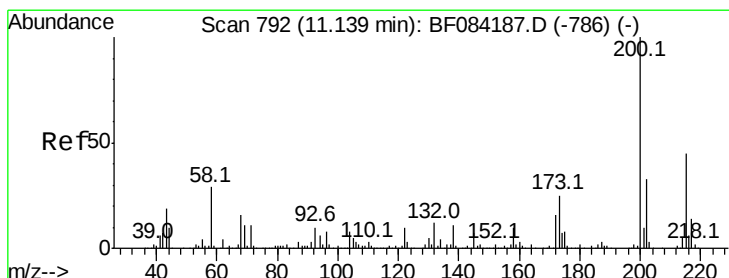
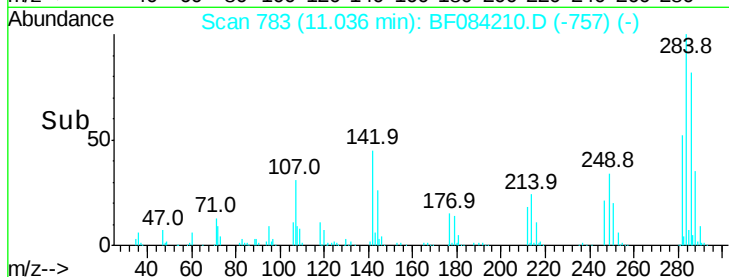
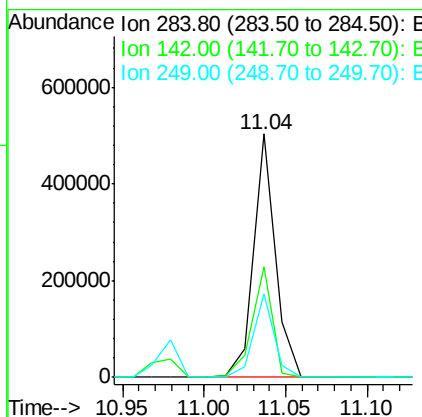
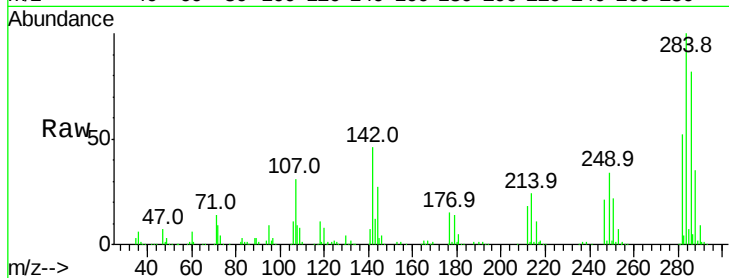
ClientSampleId :

PB87627BSD

Tot Ion:	284	Resp:	466995
Ion Ratio	Lower	Upper	
284	100		
142	45.6	22.2	33.4#
249	34.2	24.6	37.0

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#68

Atrazine

Concen: 44.16 ng

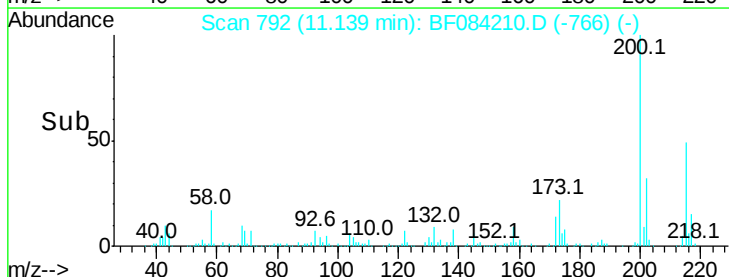
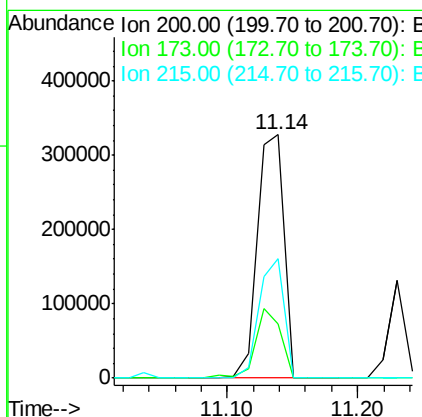
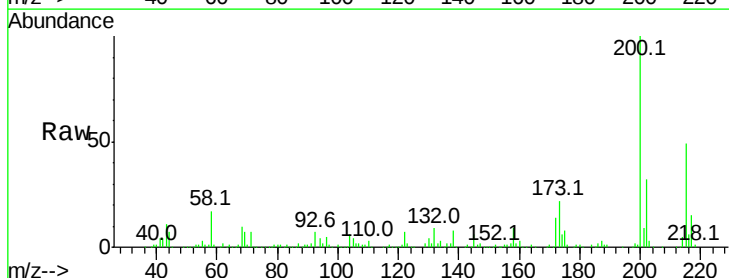
RT: 11.14 min Scan# 792

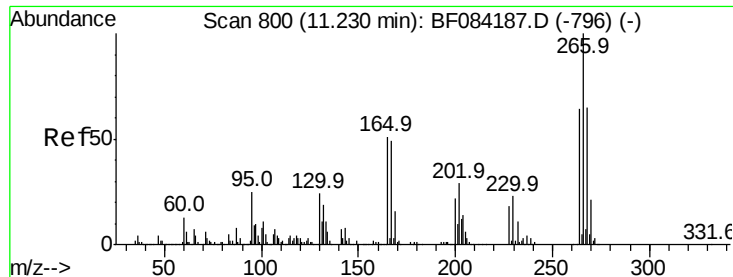
Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Tgt Ion:	200	Resp:	466966
Ion Ratio	Lower	Upper	
200	100		
173	22.2	9.5	49.5
215	49.1	23.8	63.8





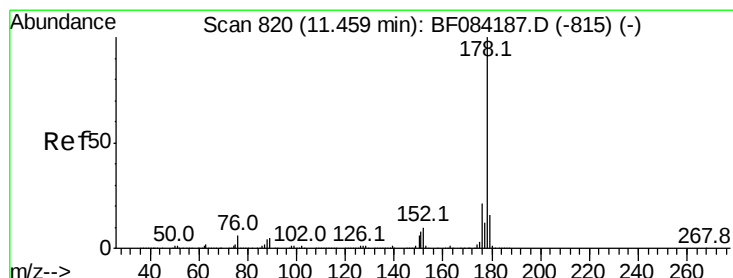
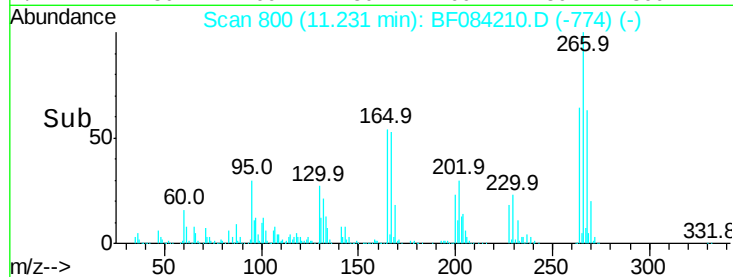
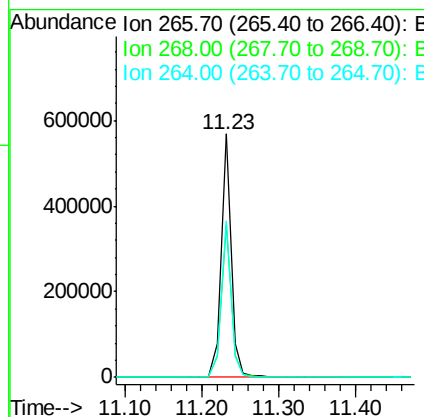
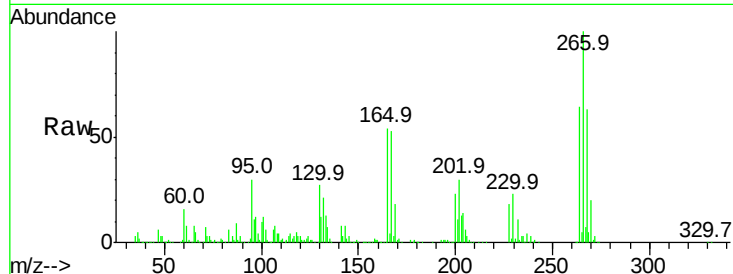
#69
 Pentachlorophenol
 Concen: 81.57 ng
 RT: 11.23 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF084210.D
 Acq: 31 Dec 2015 22:21

Instrument :
 BNA_F
 ClientSampleId :
 PB87627BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	517767		
268	63.0		52.4	78.6
264	64.1		50.2	75.2

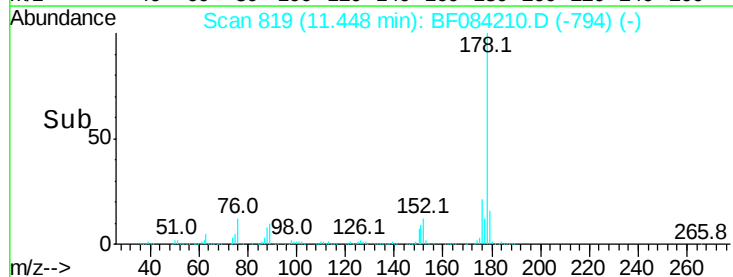
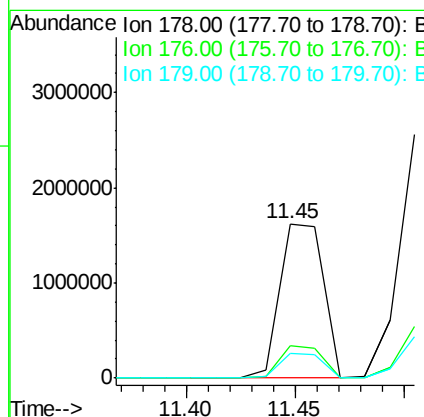
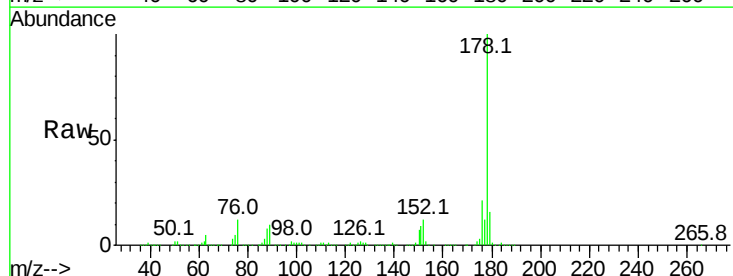
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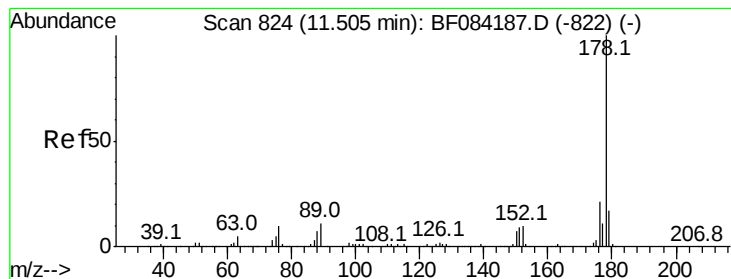
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#70
 Phenanthrene
 Concen: 42.96 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF084210.D
 Acq: 31 Dec 2015 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2271005		
176	20.7		15.3	22.9
179	16.2		12.0	18.0





#71
 Anthracene
 Concen: 43.92 ng
 RT: 11.50 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BF084210.D
 Acq: 31 Dec 2015 22:21

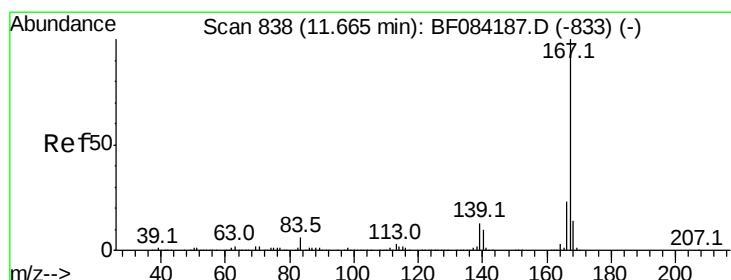
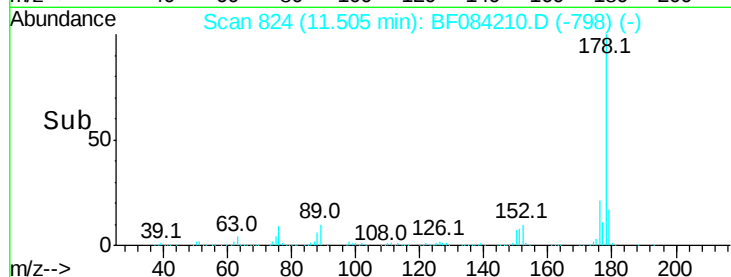
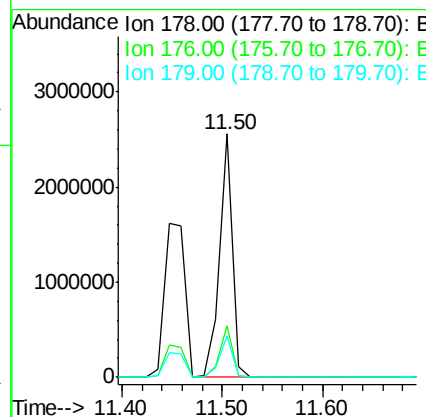
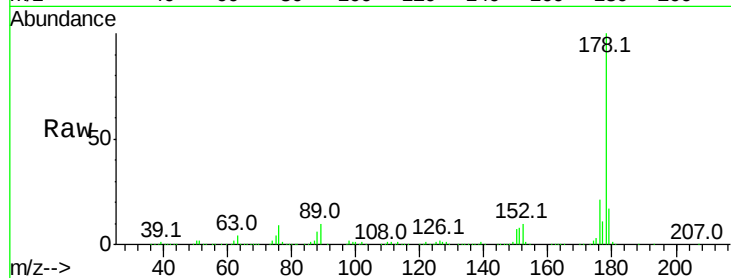
Instrument :
 BNA_F
 ClientSampleId :
 PB87627BSD

Tot Ion:178 Resp: 2275940

Ion	Ratio	Lower	Upper
178	100		
176	21.1	15.4	23.0
179	17.0	12.5	18.7

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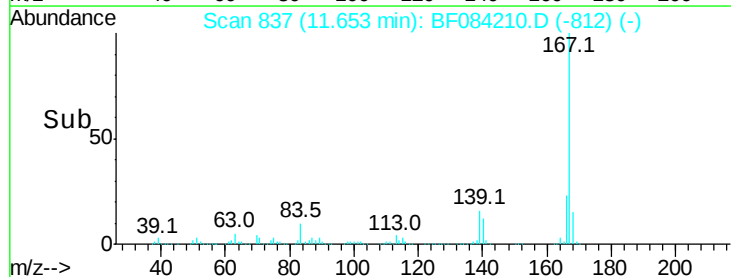
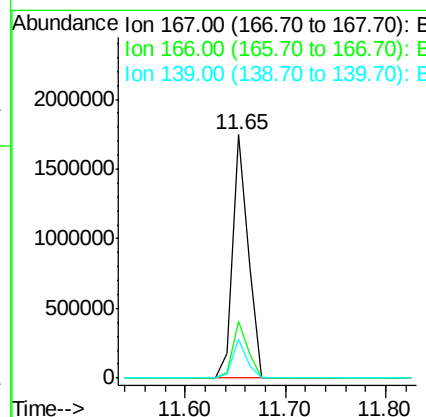
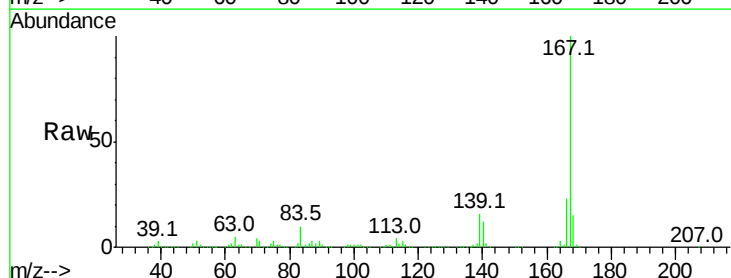
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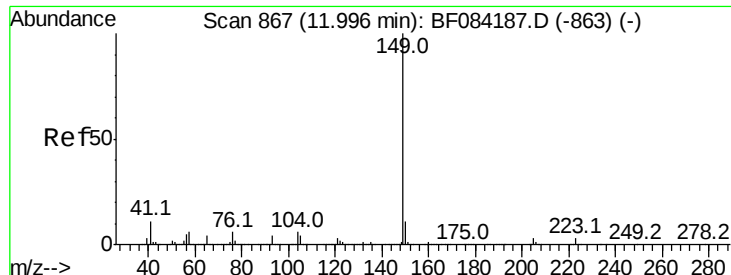


#72
 Carbazole
 Concen: 36.90 ng
 RT: 11.65 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF084210.D
 Acq: 31 Dec 2015 22:21

Tgt Ion:167 Resp: 1868988

Ion	Ratio	Lower	Upper
167	100		
166	23.1	17.6	26.4
139	15.9	11.8	17.8





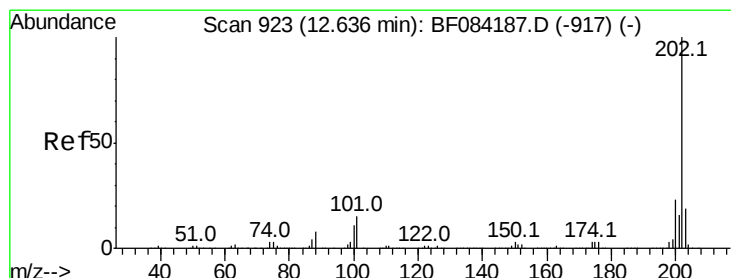
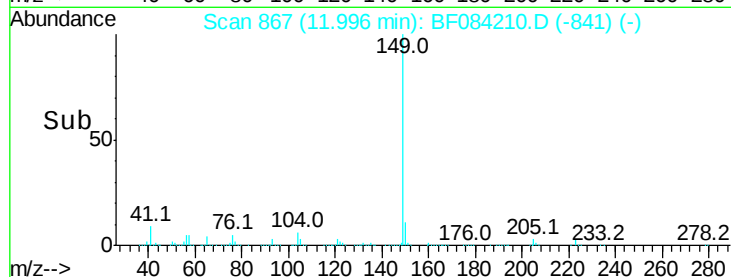
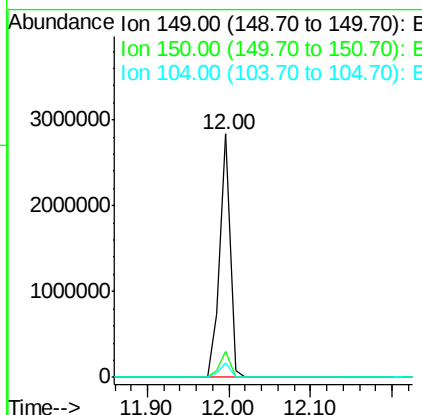
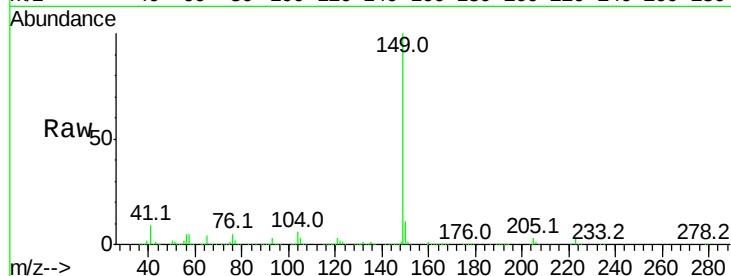
#73
Di-n-butylphthalate
Concen: 47.57 ng
RT: 12.00 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF084210.D
Acq: 31 Dec 2015 22:21

Instrument :
BNA_F
ClientSampleId :
PB87627BSD

Tot Ion:149 Resp: 2524247
Ion Ratio Lower Upper
149 100
150 10.7 7.1 10.7
104 5.8 3.2 4.8#

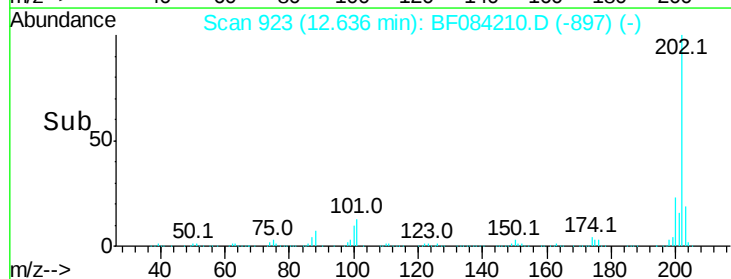
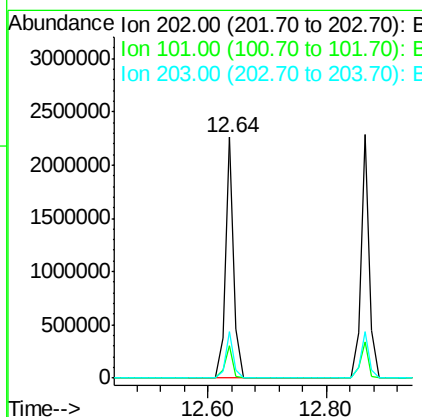
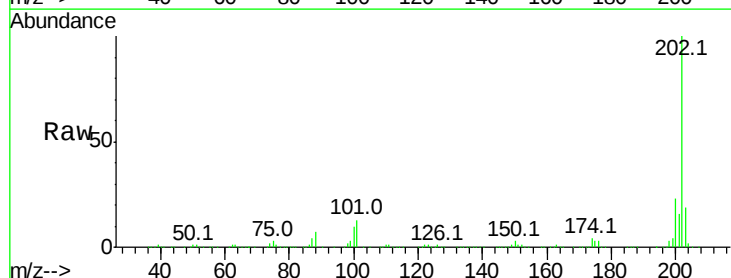
Manual Integrations
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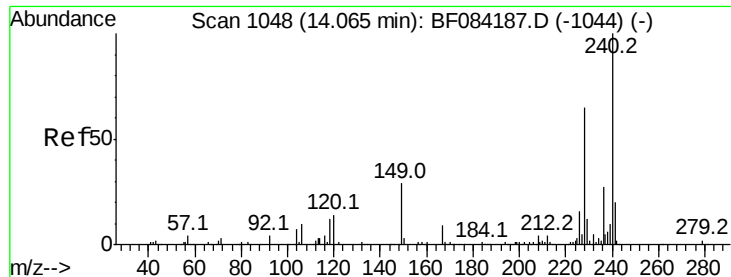
UMANGI
1/4/2016 4:29:43 PM



#74
Fluoranthene
Concen: 38.83 ng
RT: 12.64 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF084210.D
Acq: 31 Dec 2015 22:21

Tgt Ion:202 Resp: 2144221
Ion Ratio Lower Upper
202 100
101 13.3 0.0 32.8
203 19.3 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: BF084210.D

Acq: 31 Dec 2015 22:21

Instrument :

BNA_F

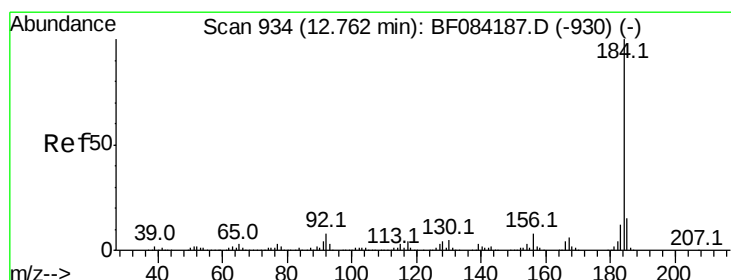
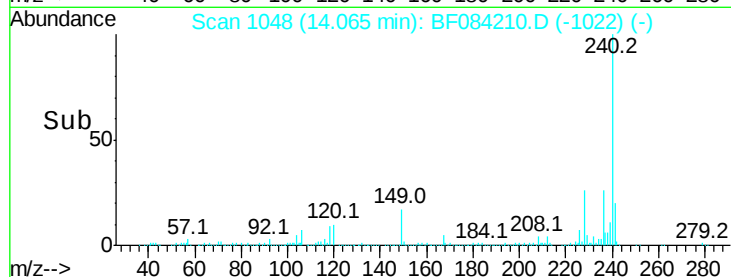
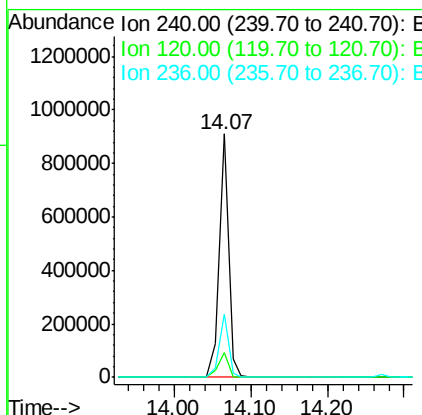
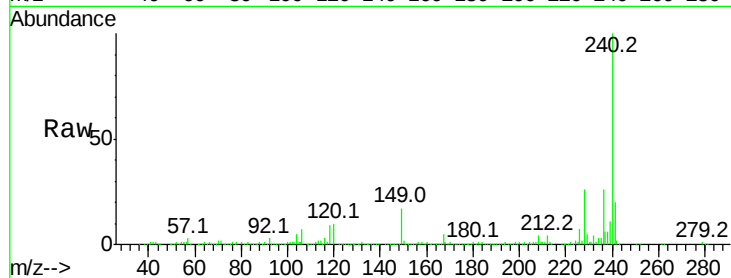
ClientSampleId :

PB87627BSD

Tot Ion:	240	Resp:	769572
Ion Ratio	Lower	Upper	
240	100		
120	10.1	9.5	14.3
236	26.1	20.6	31.0

Manual Integrations
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#76

Benzidine

Concen: 24.13 ng

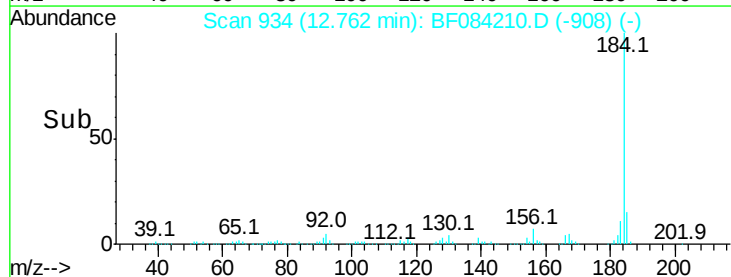
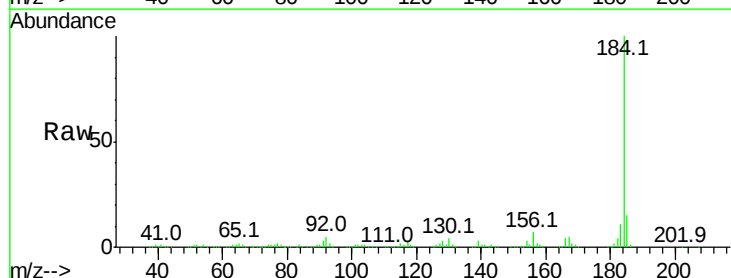
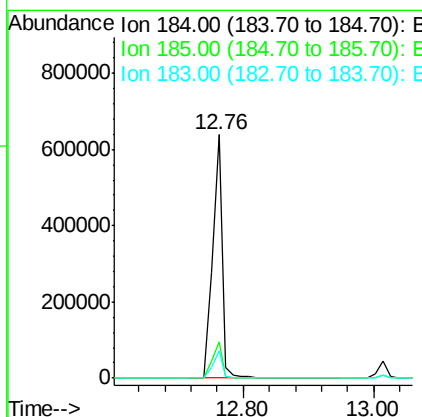
RT: 12.76 min Scan# 934

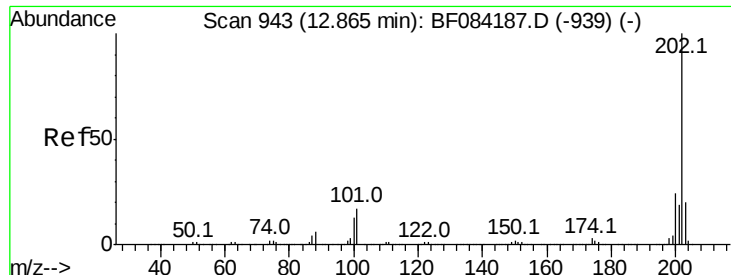
Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Tgt Ion:	184	Resp:	665853
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.2	18.2
183	11.3	9.8	14.8





#77

Pvrene

Concen: 36.05 ng

RT: 12.87 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Instrument :

BNA_F

ClientSampleId :

PB87627BSD

Tot Ion:202 Resp: 2177080

Ion Ratio Lower Upper

202 100

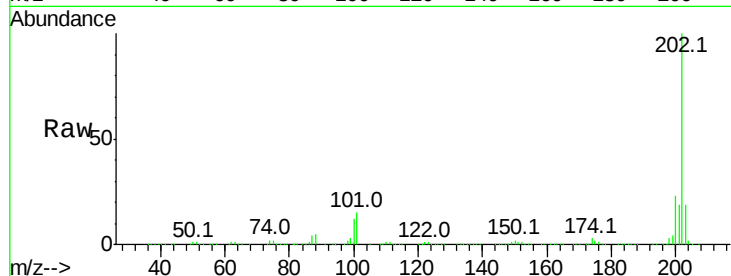
200 22.8 17.2 25.8

203 19.1 14.3 21.5

Manual Integrations
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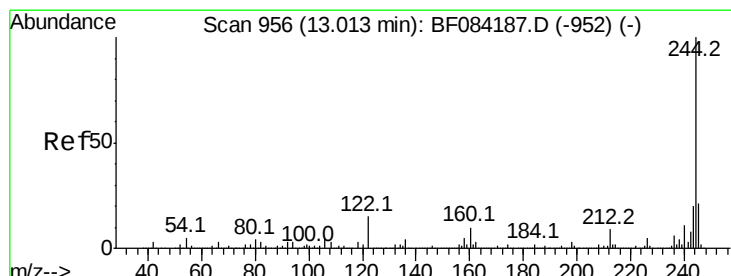
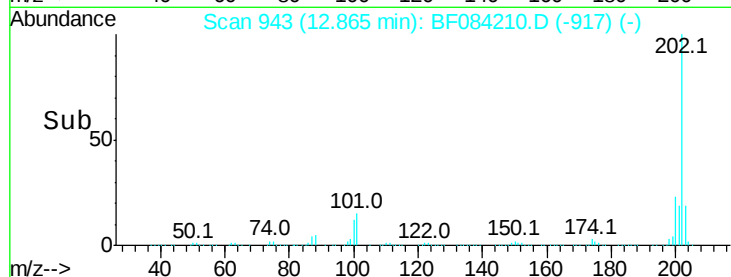
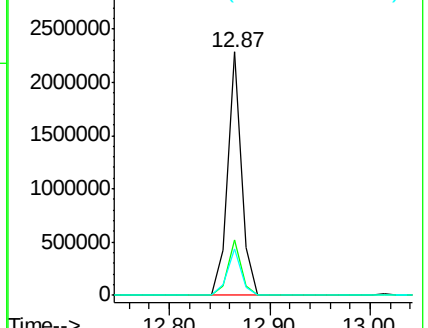
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 70.08 ng

RT: 13.01 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

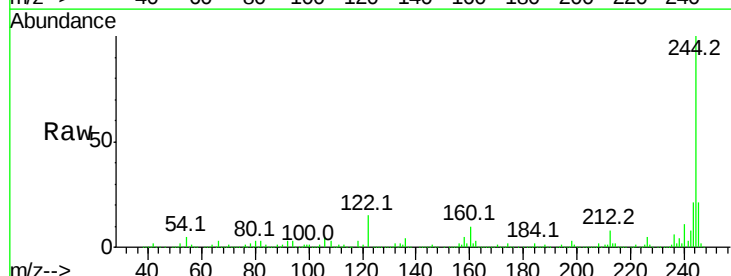
Tgt Ion:244 Resp: 2416158

Ion Ratio Lower Upper

244 100

212 8.2 5.7 8.5

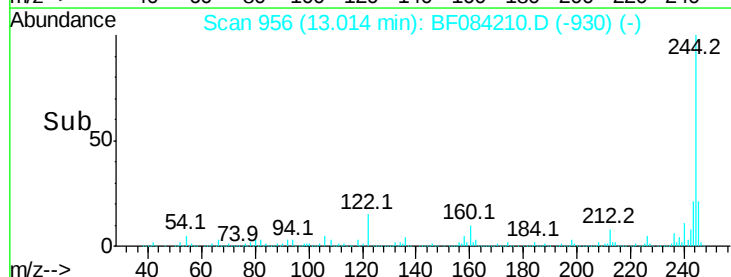
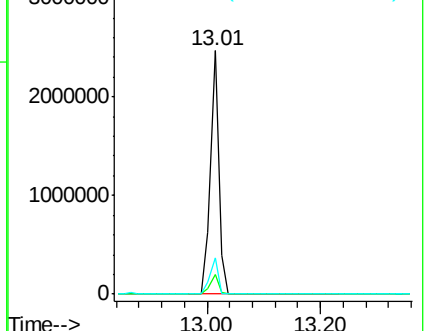
122 14.7 7.4 11.0#

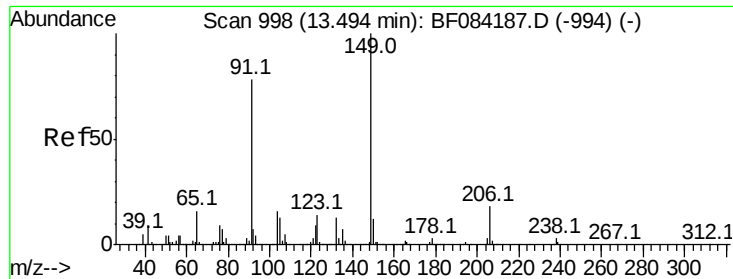


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





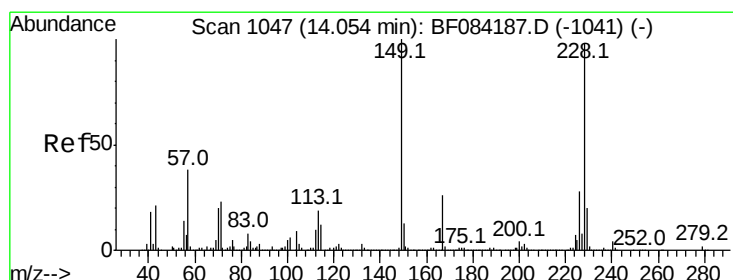
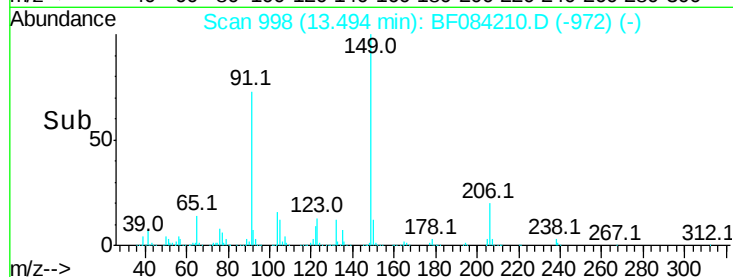
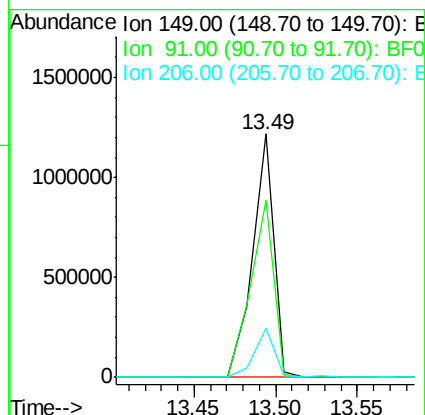
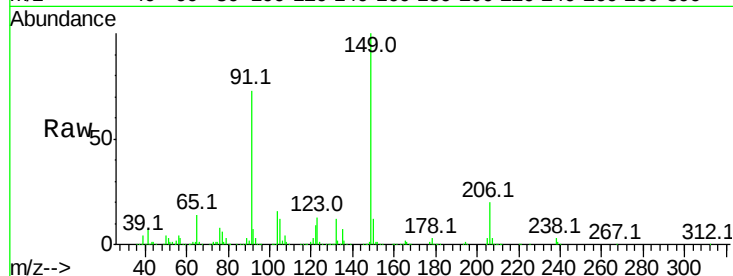
#79
Butylbenzylphthalate
Concen: 42.18 ng
RT: 13.49 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF084210.D
Acq: 31 Dec 2015 22:21

Instrument :
BNA_F
ClientSampleId :
PB87627BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.9	57.6	86.4
206	20.3	13.2	19.8

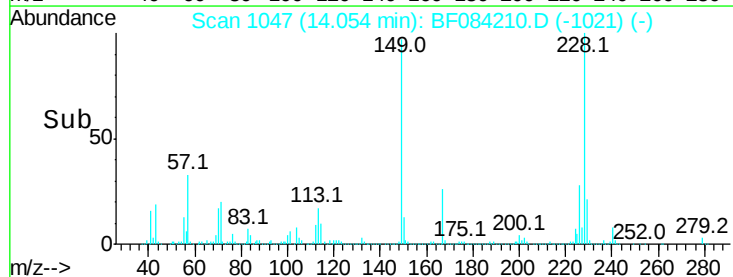
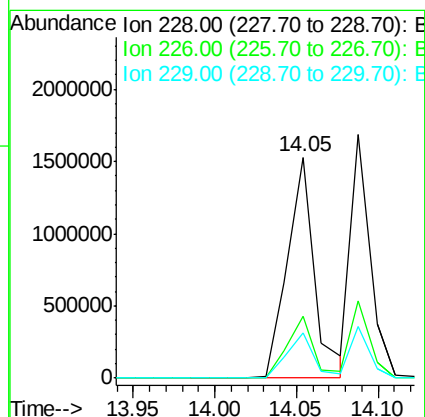
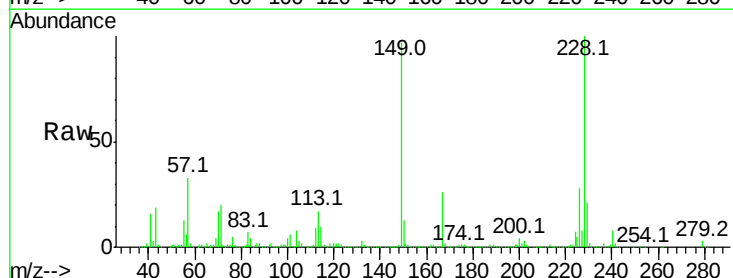
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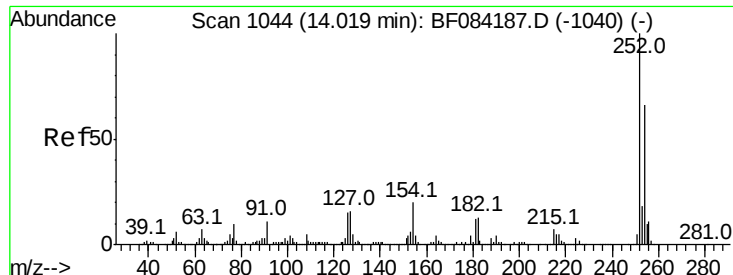
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#80
Benzo(a)anthracene
Concen: 39.38 ng
RT: 14.05 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF084210.D
Acq: 31 Dec 2015 22:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.8	32.6
229	20.5	15.8	23.8





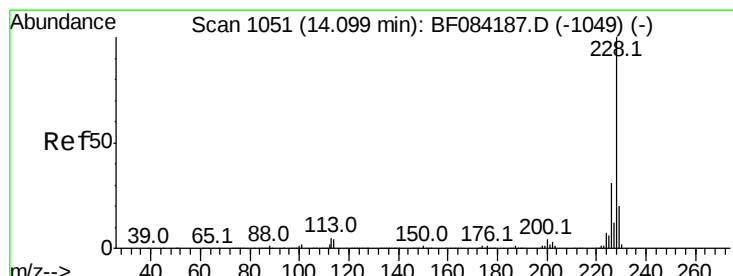
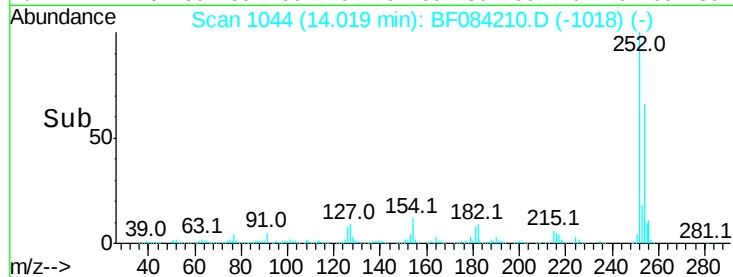
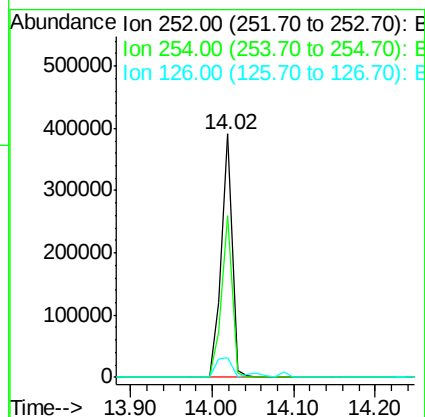
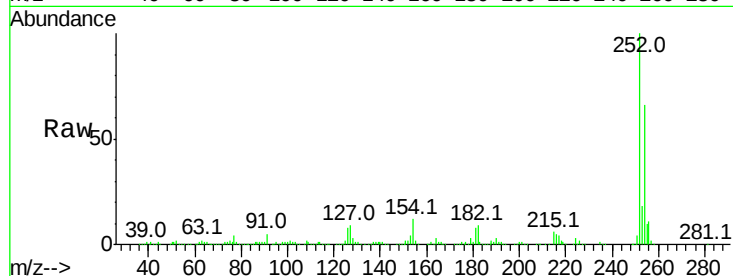
#81
 3,3'-Dichlorobenzidine
 Concen: 23.03 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF084210.D
 Acq: 31 Dec 2015 22:21

Instrument :
 BNA_F
 ClientSampleId :
 PB87627BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	363188		
254	66.3	53.5	80.3	
126	7.9	4.9	7.3	

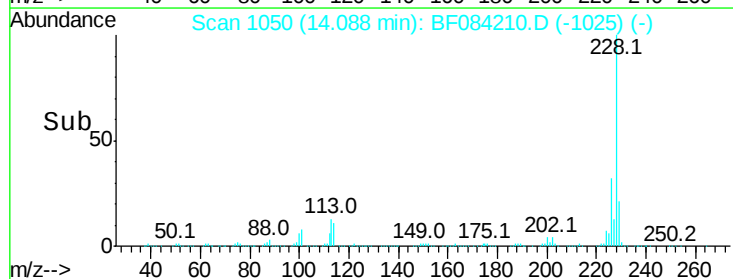
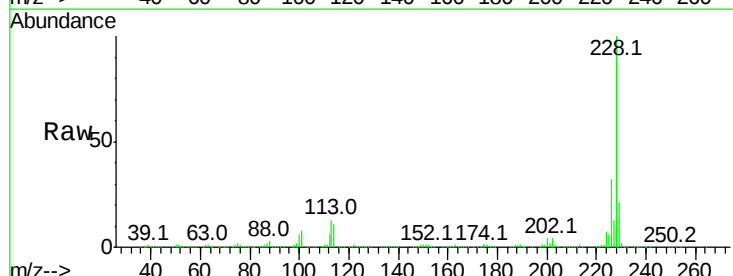
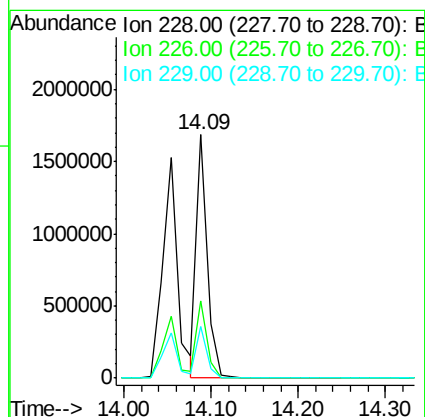
Manual Integrations
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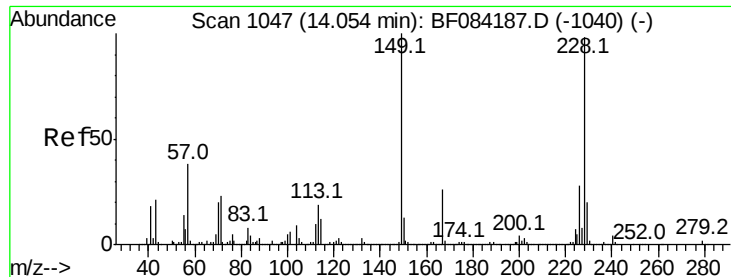
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#82
 Chrysene
 Concen: 33.22 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: BF084210.D
 Acq: 31 Dec 2015 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1442427		
226	31.9	24.3	36.5	
229	21.0	16.1	24.1	





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.36 ng

RT: 14.05 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Instrument :

BNA_F

ClientSampleId :

PB87627BSD

Tot Ion:149 Resp: 1299507

Ion Ratio Lower Upper

149 100

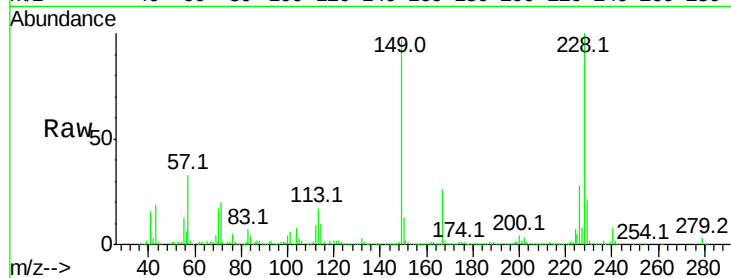
167 26.5 19.7 29.5

279 2.7 1.8 2.6#

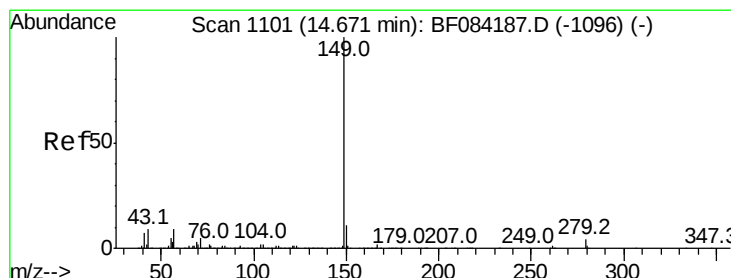
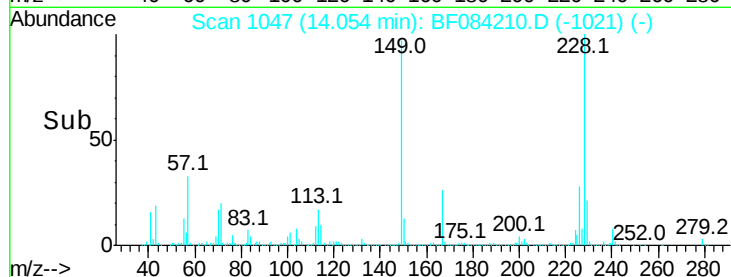
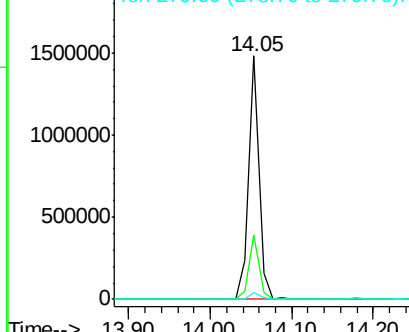
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Abundance Ion 149.00 (148.70 to 149.70): E
2000000
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.29 ng

RT: 14.66 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

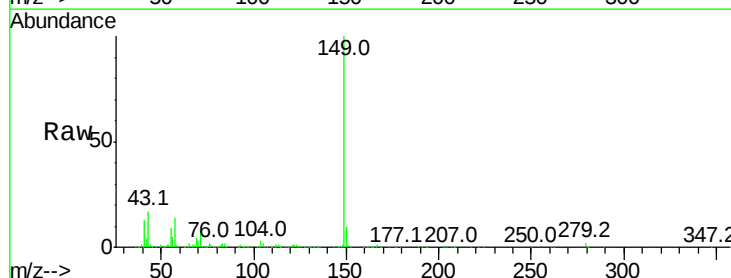
Tgt Ion:149 Resp: 2078511

Ion Ratio Lower Upper

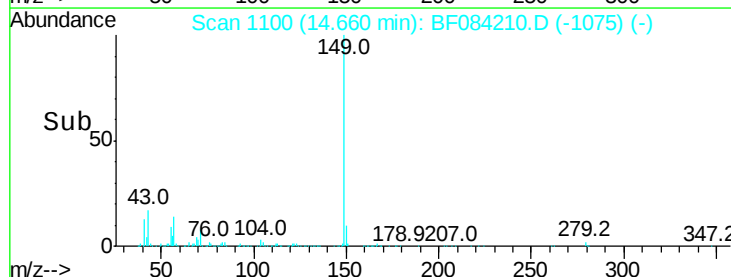
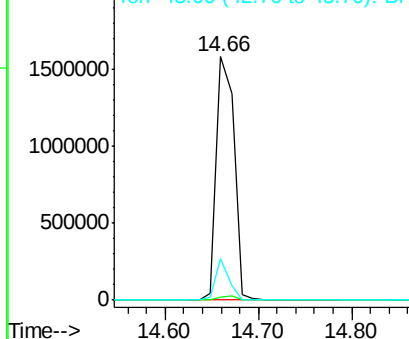
149 100

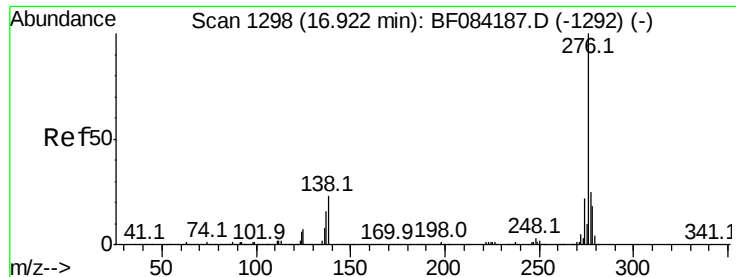
167 1.7 1.2 1.8

43 12.6 5.6 8.4#



Abundance Ion 149.00 (148.70 to 149.70): E
2000000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 40.30 ng

RT: 16.92 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Instrument :

BNA_F

ClientSampleId :

PB87627BSD

Tot Ion:276 Resp: 1387153

Ion Ratio Lower Upper

276 100

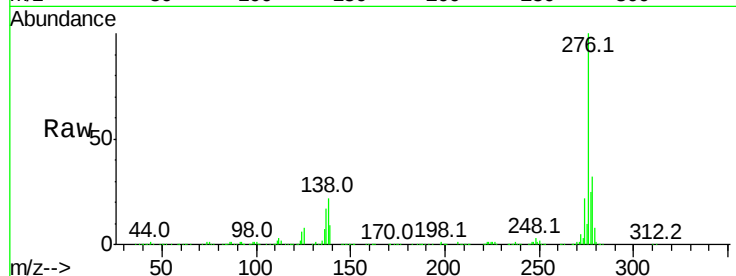
138 26.0 20.6 30.8

277 25.1 20.1 30.1

Manual Integrations
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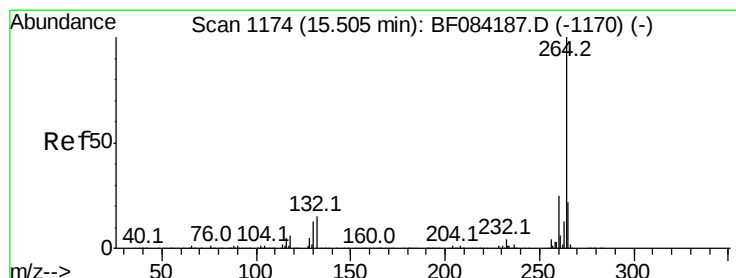
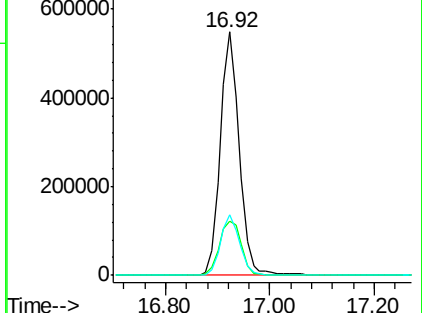
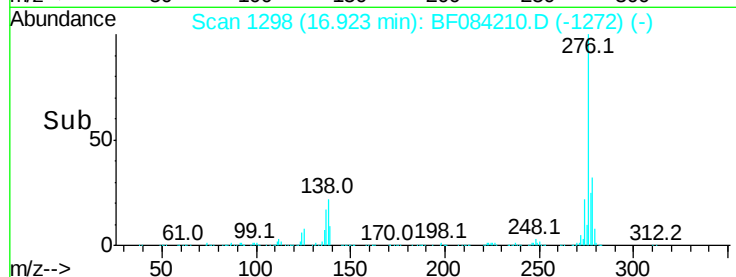
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.51 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

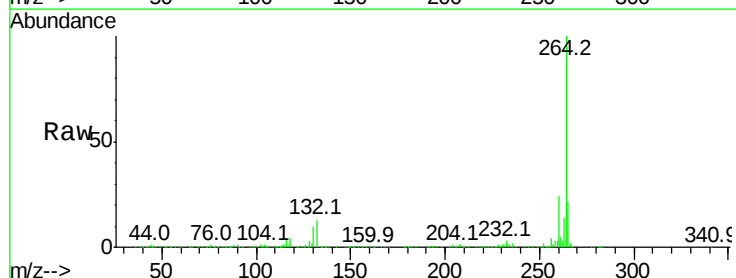
Tgt Ion:264 Resp: 563840

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

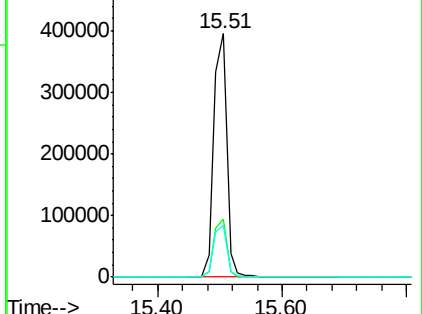
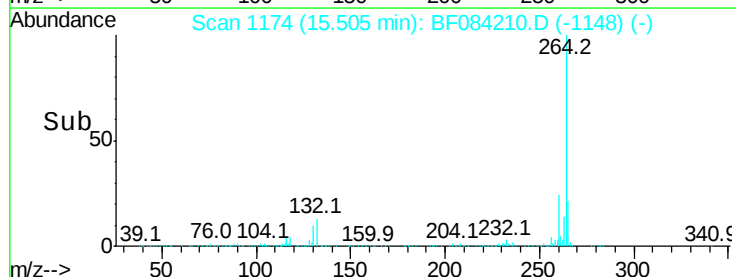
265 21.4 17.8 26.6

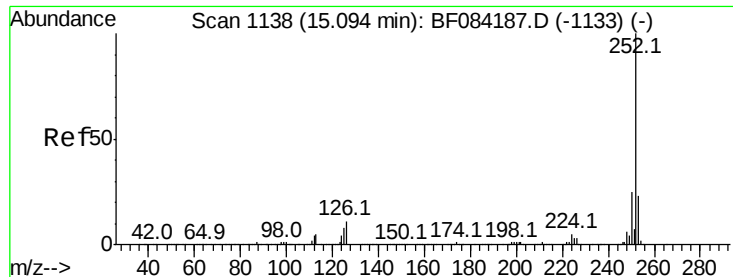


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 45.90 ng m

RT: 15.08 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Instrument :

BNA_F

ClientSampleId :

PB87627BSD

Tot Ion:252 Resp: 1692953

Ion Ratio Lower Upper

252 100

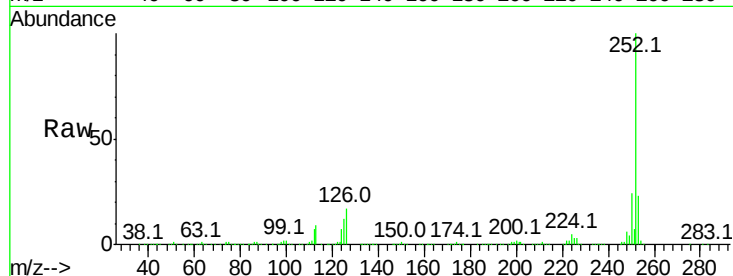
253 23.0 17.3 25.9

125 12.2 6.5 9.7#

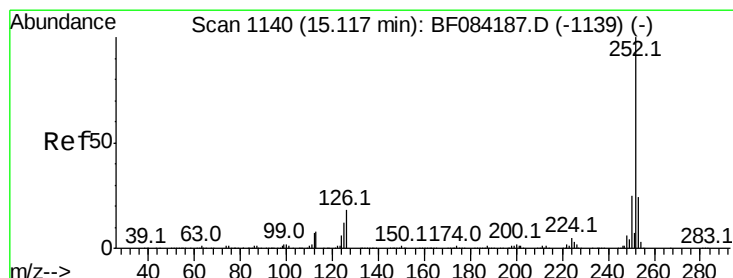
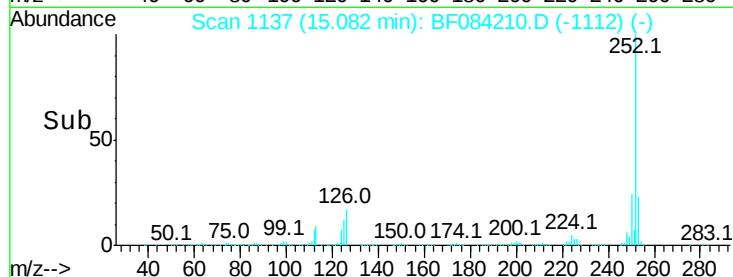
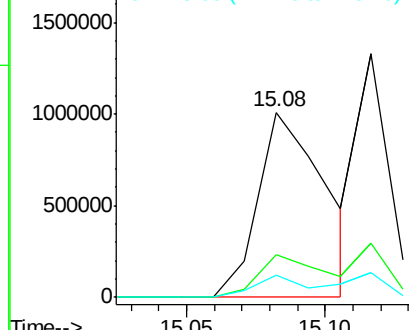
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 36.38 ng m

RT: 15.12 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Tgt Ion:252 Resp: 1097399

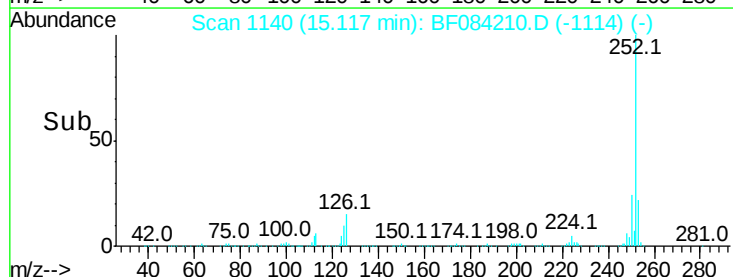
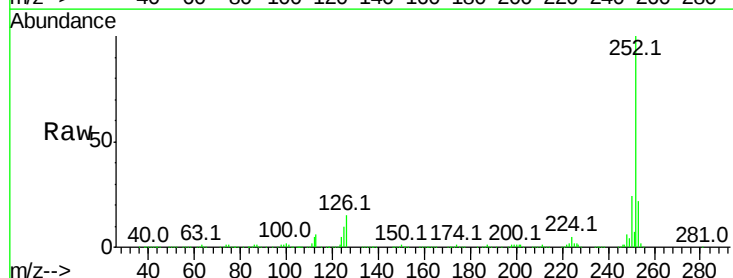
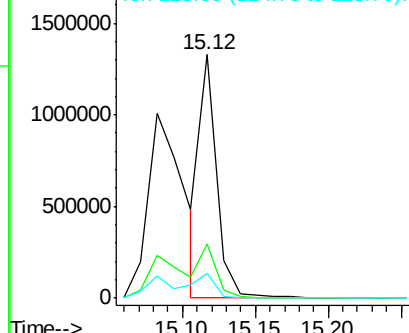
Ion Ratio Lower Upper

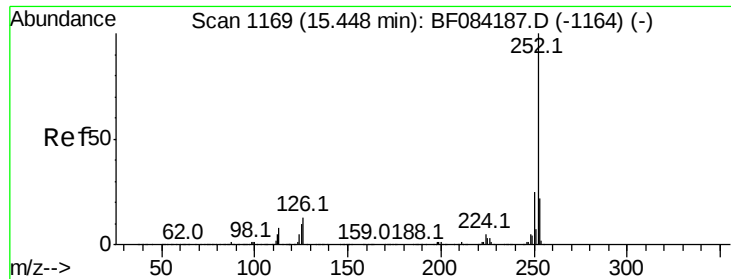
252 100

253 22.4 18.1 27.1

125 10.0 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





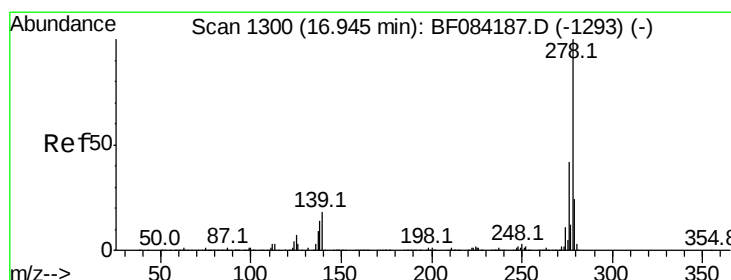
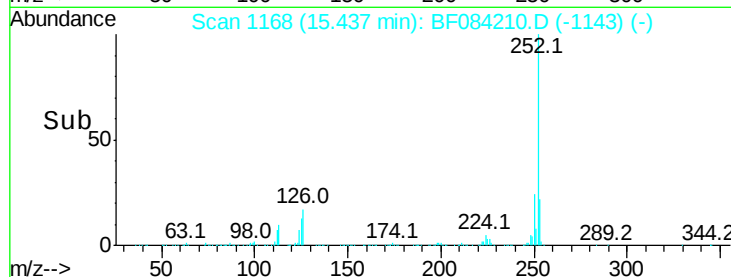
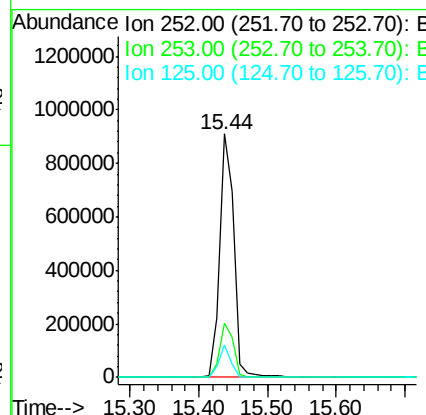
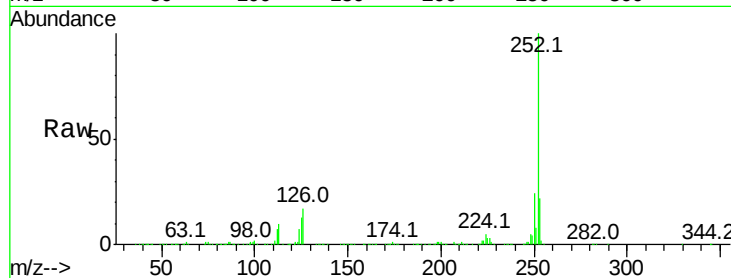
#89
Benzo(a)pyrene
Concen: 42.44 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF084210.D
Acq: 31 Dec 2015 22:21

Instrument :
BNA_F
ClientSampleId :
PB87627BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	13.2	7.0	10.4

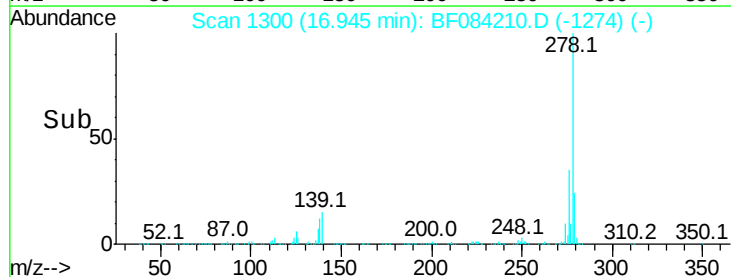
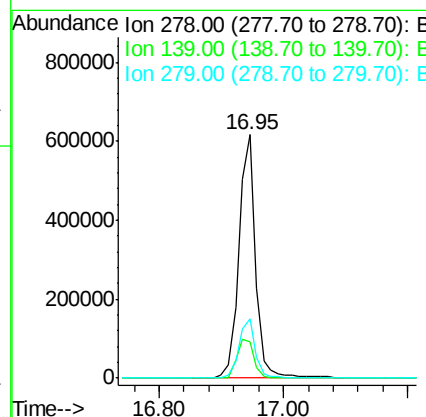
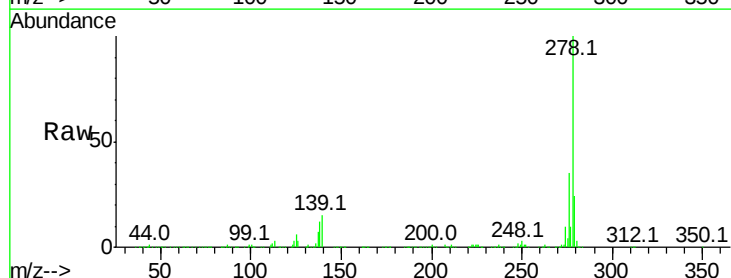
Manual Integrations
APPROVED

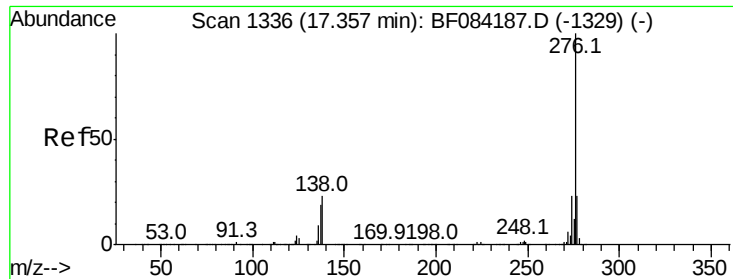
UMANGI
1/4/2016 4:29:43 PM



#90
Dibenzo(a,h)anthracene
Concen: 42.82 ng
RT: 16.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF084210.D
Acq: 31 Dec 2015 22:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.0	15.0	22.4
279	24.4	18.9	28.3





#91
Benzo(a,h,i)perylene
Concen: 42.51 ng
RT: 17.36 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF084210.D
Acq: 31 Dec 2015 22:21

Instrument :
BNA_F
ClientSampleId :
PB87627BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.8	28.2
138	19.4	17.8	26.6

Manual Integrations
APPROVED

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