

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
 Data File : BF083202.D
 Acq On : 23 Nov 2015 14:08
 Operator : UM/IZ
 Sample : PB86620BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BSD

Manual Integrations
 APPROVED

Mmdadoda
 11/24/2015 1:19:57 PM

Quant Time: Nov 24 01:02:41 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	200879	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	787861	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	396454	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	731707	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	610649	20.00	ng	-0.02
86) Perylene-d12	15.14	264	521861	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	1034358	77.85	ng	-0.03
7) Phenol-d6	6.31	99	1325201	77.08	ng	-0.03
23) Nitrobenzene-d5	7.21	82	1242488	72.06	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	308003	75.94	ng	-0.02
44) 2-Fluorobiphenyl	9.02	172	2105411	74.05	ng	-0.01
78) Terphenyl-d14	12.74	244	1990355	76.75	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	202346	30.74	ng	91
3) Pyridine	2.87	79	550218	31.65	ng	98
4) n-Nitrosodimethylamine	2.81	42	311081	38.80	ng	98
6) Aniline	6.31	93	509676	24.26	ng	# 83
8) 2-Chlorophenol	6.43	128	554983	38.66	ng	91
9) Benzaldehyde	6.18	77	211288	21.33	ng	98
10) Phenol	6.32	94	760275	36.56	ng	83
11) bis(2-Chloroethyl)ether	6.39	93	615271	41.43	ng	98
12) 1,3-Dichlorobenzene	6.58	146	580561m	35.42	ng	
13) 1,4-Dichlorobenzene	6.66	146	593601m	35.80	ng	
14) 1,2-Dichlorobenzene	6.81	146	561414	37.25	ng	99
15) Benzyl Alcohol	6.80	79	497499	34.63	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.94	45	1029082	44.44	ng	# 69
17) 2-Methylphenol	6.92	107	446651	37.60	ng	99
18) Hexachloroethane	7.15	117	215992	36.98	ng	90
19) n-Nitroso-di-n-propylamine	7.07	70	476437	39.82	ng	96
20) 3+4-Methylphenols	7.08	107	615192	40.97	ng	95
22) Acetophenone	7.06	105	811864	35.89	ng	# 96
24) Nitrobenzene	7.23	77	680270	36.92	ng	95
25) Isophorone	7.47	82	1181503	36.19	ng	97
26) 2-Nitrophenol	7.55	139	302430	37.18	ng	97
27) 2,4-Dimethylphenol	7.61	122	511609	39.41	ng	94
28) bis(2-Chloroethoxy)methane	7.69	93	688307	36.26	ng	99
29) 2,4-Dichlorophenol	7.80	162	480369	38.91	ng	97
30) 1,2,4-Trichlorobenzene	7.87	180	480953	35.47	ng	96
31) Naphthalene	7.95	128	1570919	36.95	ng	99
32) Benzoic acid	7.76	122	336851	33.39	ng	97
33) 4-Chloroaniline	8.01	127	282075	17.10	ng	93
34) Hexachlorobutadiene	8.08	225	279059	34.82	ng	98
35) Caprolactam	8.39	113	168935m	42.70	ng	
36) 4-Chloro-3-methylphenol	8.51	107	502318	35.13	ng	87
37) 2-Methylnaphthalene	8.64	142	990135	35.88	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	463927	36.10	ng	98
40) Hexachlorocyclopentadiene	8.80	237	488798	66.90	ng	98

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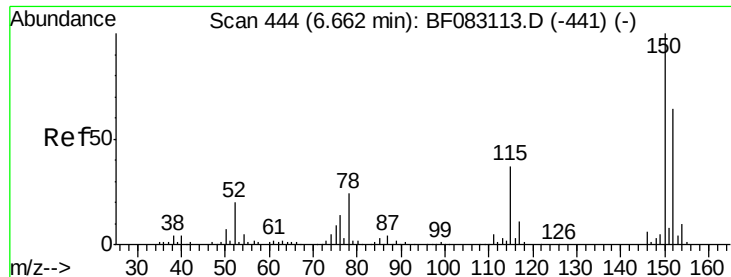
Manual Integrations
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 11/24/2015 1:19:57 PM

Quant Time: Nov 24 01:02:41 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	348341	37.85	ng	99
43) 2,4,5-Trichlorophenol	8.98	196	338522	35.98	ng	98
45) 1,1'-Biphenyl	9.11	154	1199109	35.54	ng	96
46) 2-Chloronaphthalene	9.13	162	1003993	37.88	ng	97
47) 2-Nitroaniline	9.23	65	348093	37.13	ng	97
48) Acenaphthylene	9.54	152	1552349	37.79	ng	100
49) Dimethylphthalate	9.43	163	1163305	38.11	ng	98
50) 2,6-Dinitrotoluene	9.47	165	241962	35.33	ng	99
51) Acenaphthene	9.71	154	950772	38.04	ng	100
52) 3-Nitroaniline	9.64	138	157583	21.58	ng	# 65
53) 2,4-Dinitrophenol	9.76	184	306641	77.72	ng	# 65
54) Dibenzofuran	9.88	168	1318004	37.29	ng	98
55) 4-Nitrophenol	9.84	139	386385	69.01	ng	95
56) 2,4-Dinitrotoluene	9.88	165	332601	38.33	ng	# 80
57) Fluorene	10.23	166	1115853	38.20	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	285745	37.02	ng	99
59) Diethylphthalate	10.11	149	1091398	35.92	ng	96
60) 4-Chlorophenyl-phenylether	10.23	204	487615	36.45	ng	# 77
61) 4-Nitroaniline	10.26	138	248678	34.59	ng	93
62) Azobenzene	10.38	77	1329249	38.33	ng	98
64) 4,6-Dinitro-2-methylphenol	10.28	198	199010	39.47	ng	80
65) n-Nitrosodiphenylamine	10.34	169	898035	36.09	ng	100
66) 4-Bromophenyl-phenylether	10.71	248	312261	38.46	ng	# 91
67) Hexachlorobenzene	10.78	284	336803	37.67	ng	# 79
68) Atrazine	10.88	200	285979	39.57	ng	98
69) Pentachlorophenol	10.97	266	387143	66.47	ng	98
70) Phenanthrene	11.18	178	1503269	35.66	ng	99
71) Anthracene	11.23	178	1708336	39.72	ng	99
72) Carbazole	11.39	167	1498451	39.20	ng	99
73) Di-n-butylphthalate	11.74	149	1767797	37.88	ng	# 98
74) Fluoranthene	12.35	202	1576842	36.55	ng	96
76) Benzidine	12.49	184	621301	38.82	ng	100
77) Pyrene	12.58	202	1571632	37.67	ng	99
79) Butylbenzylphthalate	13.22	149	718583	36.39	ng	# 89
80) Benzo(a)anthracene	13.77	228	1426982	37.78	ng	99
81) 3,3'-Dichlorobenzidine	13.74	252	326066	24.81	ng	# 94
82) Chrysene	13.81	228	1267865m	36.20	ng	
83) Bis(2-ethylhexyl)phthalate	13.78	149	940076	36.45	ng	97
84) Di-n-octyl phthalate	14.39	149	1580619	35.61	ng	96
85) Indeno(1,2,3-cd)pyrene	16.40	276	1078452	33.85	ng	96
87) Benzo(b)fluoranthene	14.78	252	1465420m	41.10	ng	
88) Benzo(k)fluoranthene	14.80	252	933279m	35.13	ng	
89) Benzo(a)pyrene	15.09	252	1100708	37.39	ng	# 94
90) Dibenzo(a,h)anthracene	16.41	278	903724	33.79	ng	# 97
91) Benzo(g,h,i)perylene	16.78	276	882196	33.79	ng	96

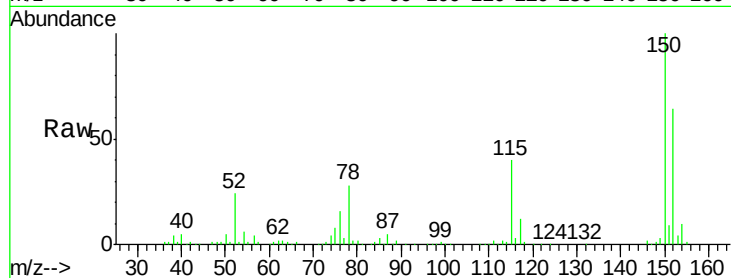
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 407
Delta R.T. -0.02 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

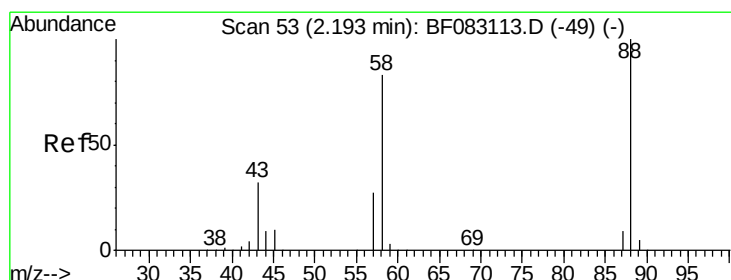
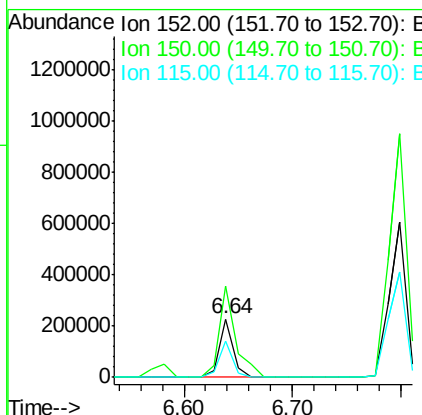
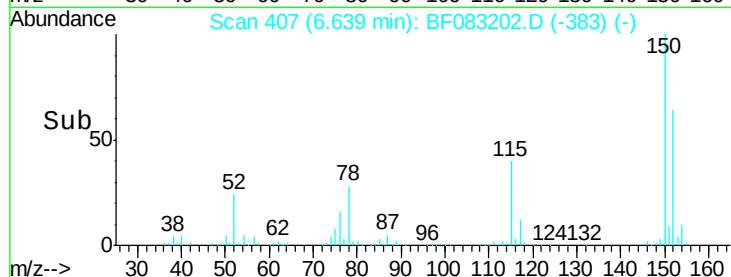
Instrument :
BNA_F
ClientSampleId :
PB86620BSD



Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.8	188.8
115	63.2	46.9	70.3

Manual Integrations
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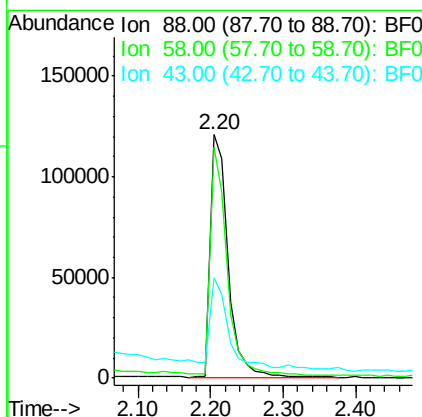
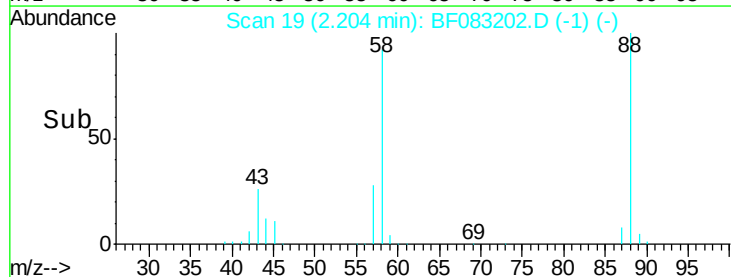
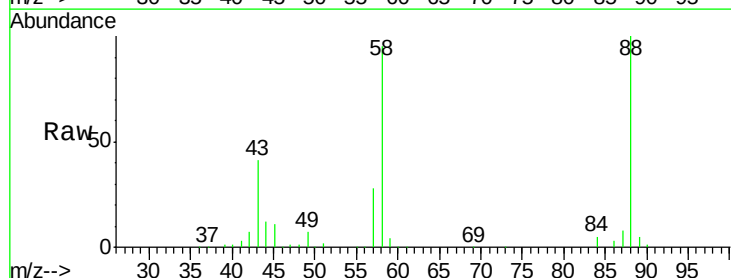
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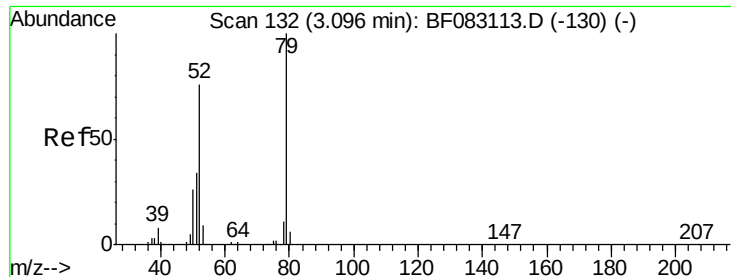


#2

1,4-Dioxane
Concen: 30.74 ng
RT: 2.20 min Scan# 19
Delta R.T. 0.01 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.8	65.0	97.6
43	35.5	24.7	37.1





#3

Pyridine

Concen: 31.65 ng

RT: 2.87 min Scan# 77

Delta R.T. -0.23 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

Instrument :

BNA_F

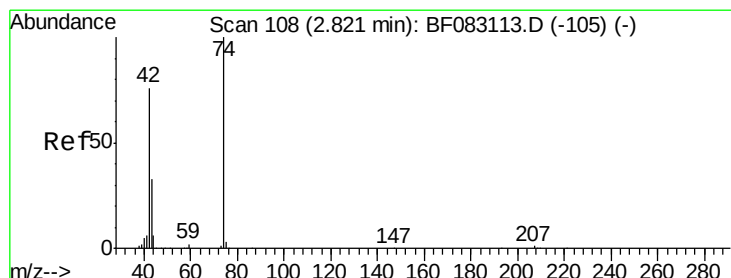
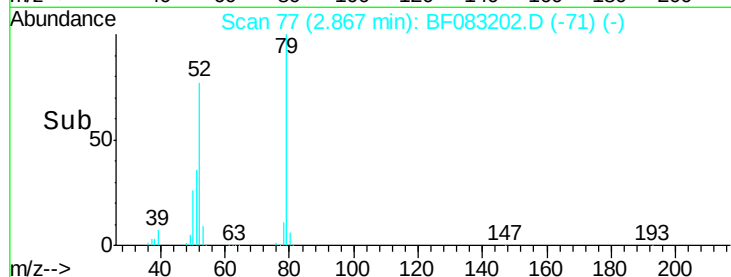
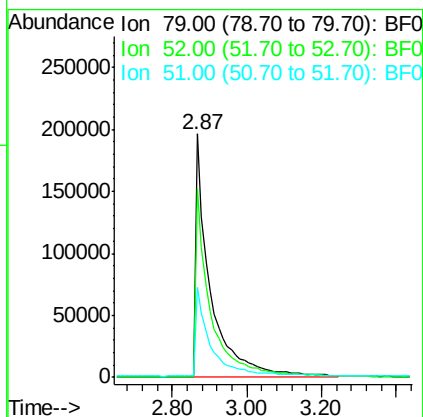
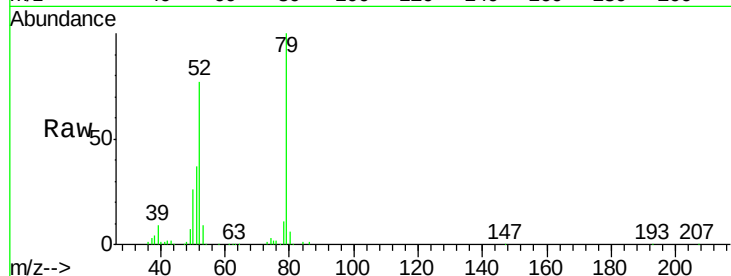
ClientSampleId :

PB86620BSD

Tgt Ion:	79	Resp:	550218
Ion Ratio	Lower	Upper	
79	100		
52	77.4	60.7	91.1
51	37.1	27.9	41.9

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#4

n-Nitrosodimethylamine

Concen: 38.80 ng

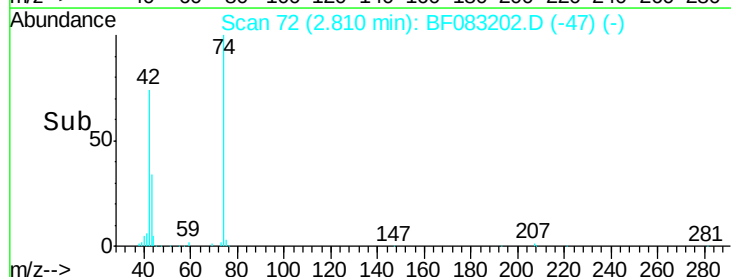
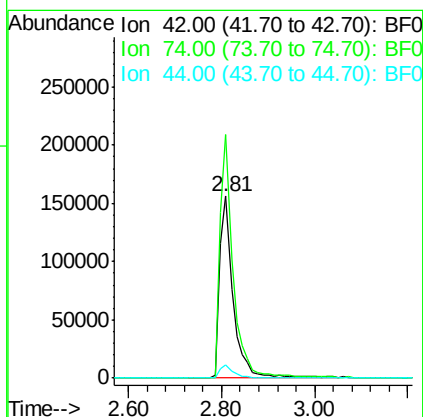
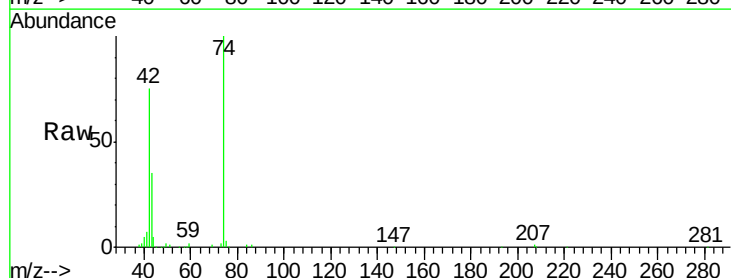
RT: 2.81 min Scan# 72

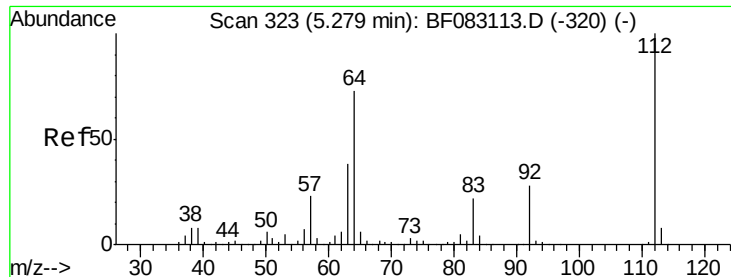
Delta R.T. -0.01 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

Tgt Ion:	42	Resp:	311081
Ion Ratio	Lower	Upper	
42	100		
74	133.9	104.8	157.2
44	7.1	6.2	9.4





#5

2-Fluorophenol

Concen: 77.85 ng

RT: 5.24 min Scan# 285

Delta R.T. -0.03 min

Lab File: BF083202.D

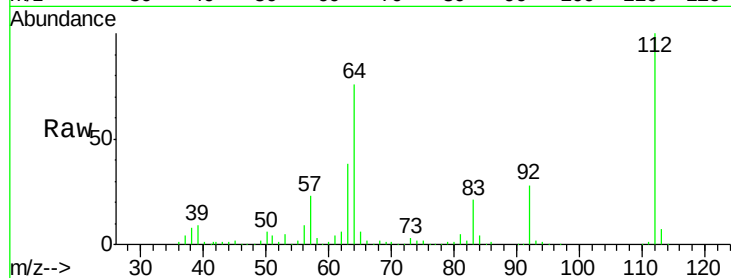
Acq: 23 Nov 2015 14:08

Instrument :

BNA_F

ClientSampleId :

PB86620BSD



Tgt Ion: 112 Resp: 1034358

Ion Ratio Lower Upper

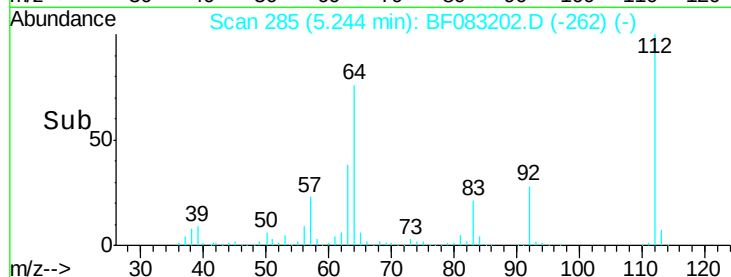
112 100

64 75.5 58.4 87.6

63 37.7 30.0 45.0

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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

800000

600000

400000

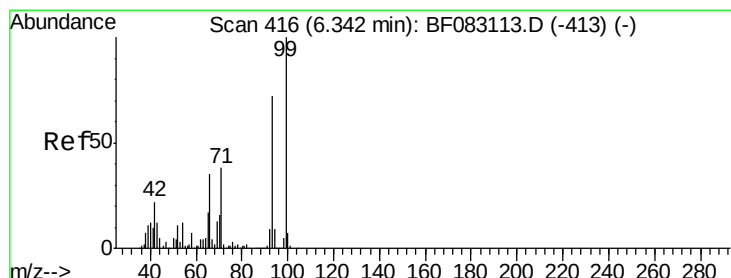
200000

0

5.20

5.40

Time-->



#6

Aniline

Concen: 24.26 ng

RT: 6.31 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

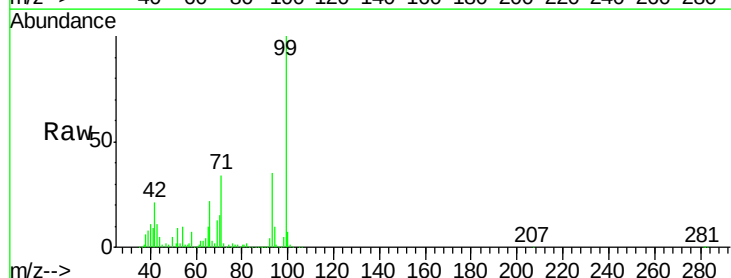
Tgt Ion: 93 Resp: 509676

Ion Ratio Lower Upper

93 100

66 61.6 38.7 58.1#

65 29.5 18.6 27.8#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

600000

400000

200000

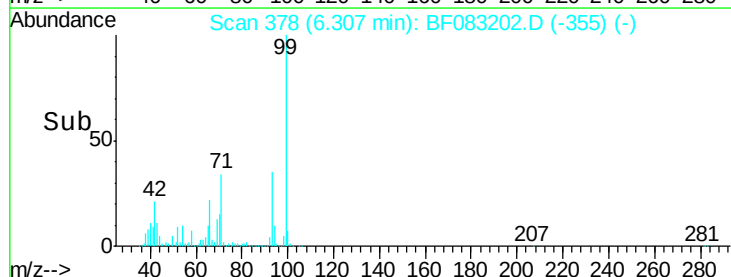
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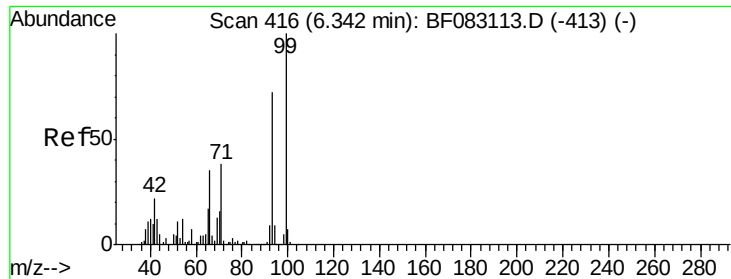
6.25

6.30

6.35

Time-->





#7

Phenol-d6

Concen: 77.08 ng

RT: 6.31 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

Instrument :

BNA_F

ClientSampleId :

PB86620BSD

Tgt Ion: 99 Resp: 1325201

Ion Ratio Lower Upper

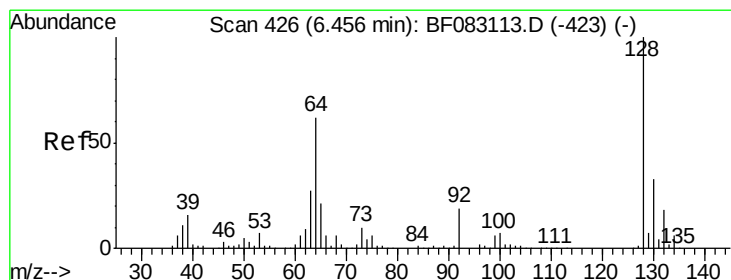
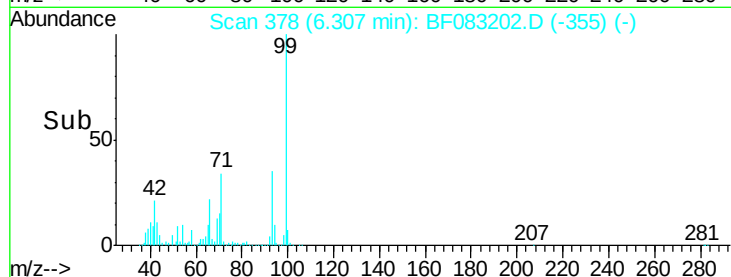
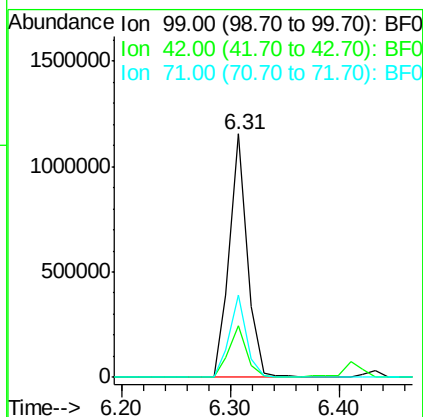
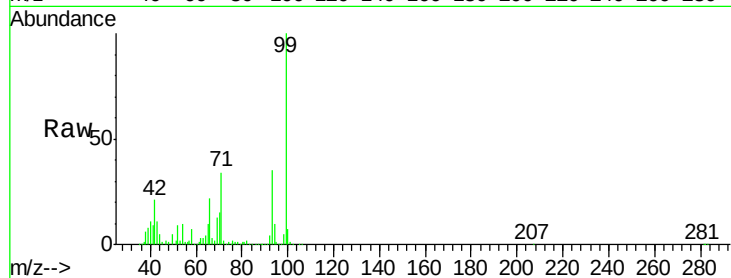
99 100

42 21.4 17.7 26.5

71 33.6 30.2 45.4

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#8

2-Chlorophenol

Concen: 38.66 ng

RT: 6.43 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

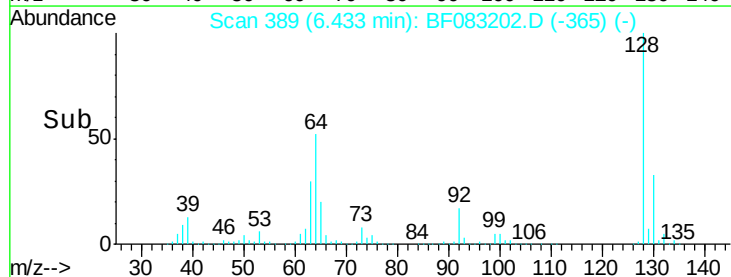
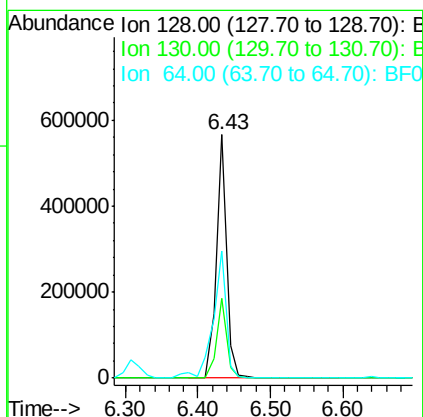
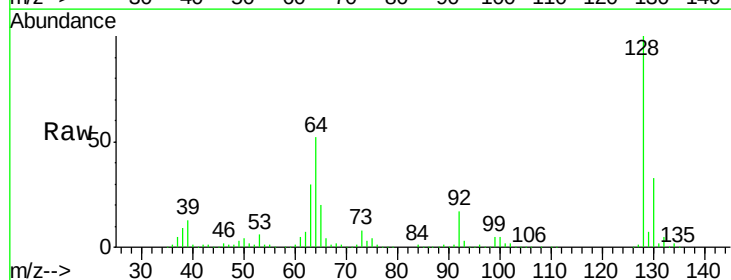
Tgt Ion: 128 Resp: 554983

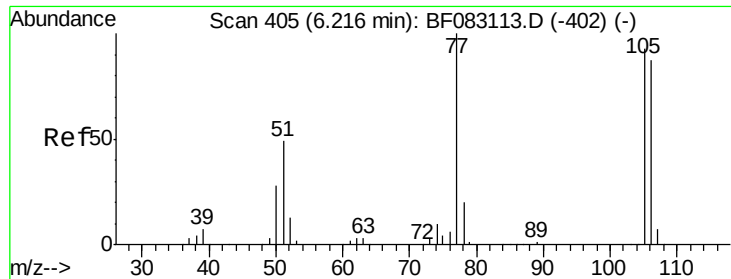
Ion Ratio Lower Upper

128 100

130 32.8 12.6 52.6

64 52.0 41.9 81.9





#9

Benzaldehyde

Concen: 21.33 ng

RT: 6.18 min Scan# 367

Delta R.T. -0.03 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

Instrument :

BNA_F

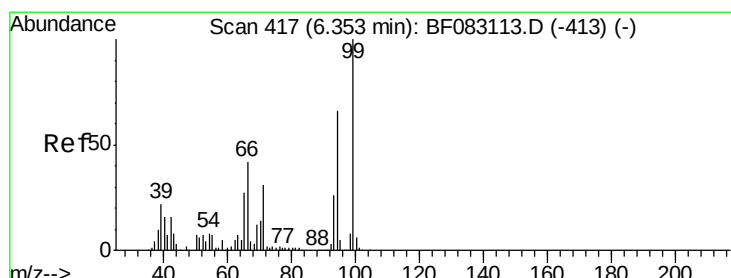
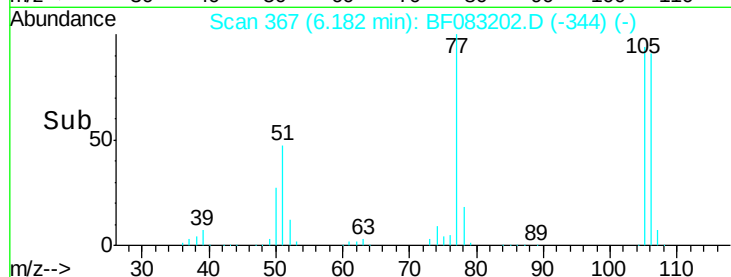
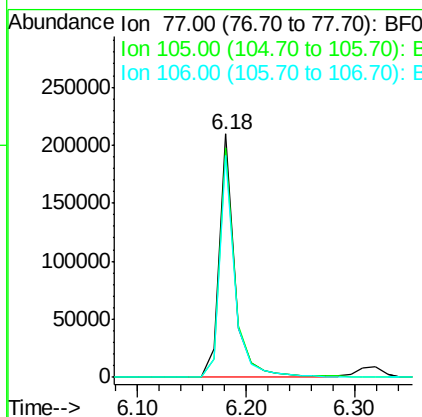
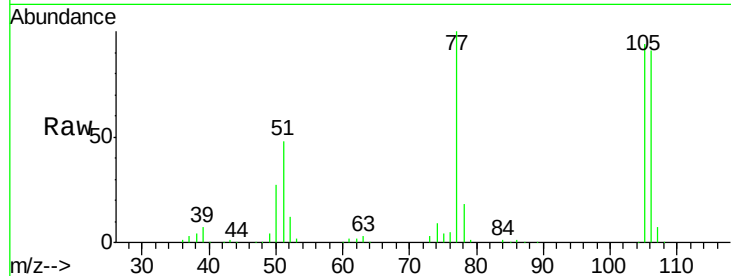
ClientSampleId :

PB86620BSD

Tgt Ion:	77	Resp:	211288
Ion	Ratio	Lower	Upper
77	100		
105	94.0	73.4	113.4
106	90.9	67.5	107.5

Manual Integrations
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#10

Phenol

Concen: 36.56 ng

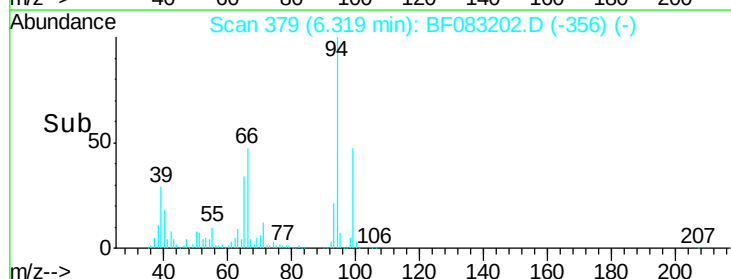
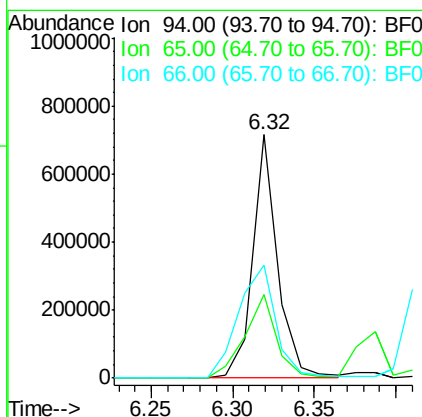
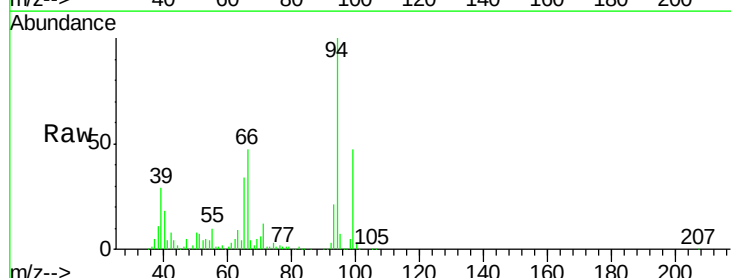
RT: 6.32 min Scan# 379

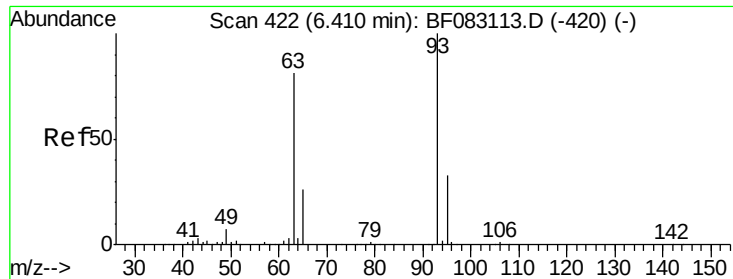
Delta R.T. -0.03 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

Tgt Ion:	94	Resp:	760275
Ion	Ratio	Lower	Upper
94	100		
65	34.2	21.1	61.1
66	46.7	43.1	83.1





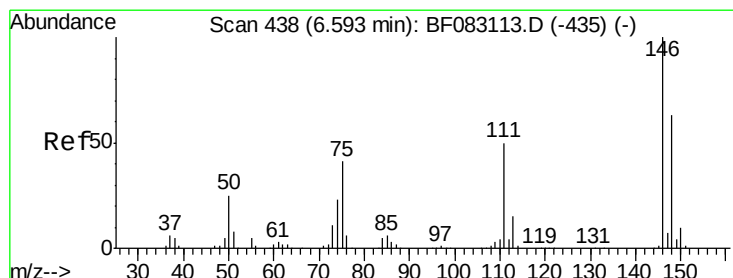
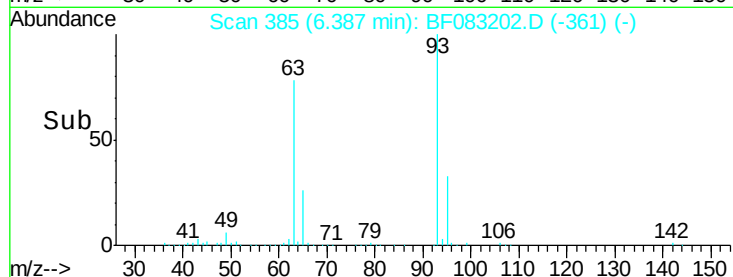
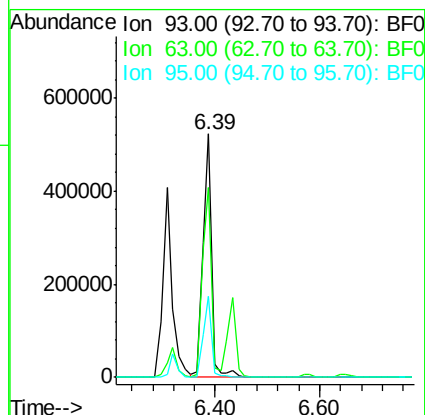
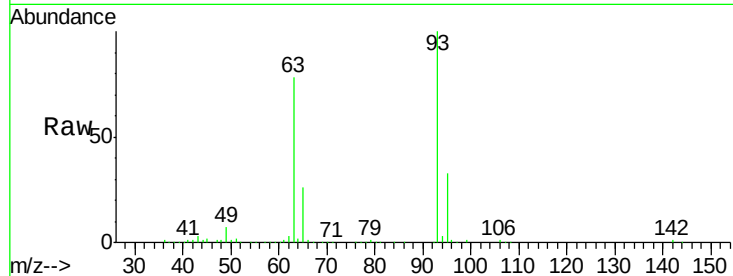
#11
bis(2-Chloroethyl)ether
Concen: 41.43 ng
RT: 6.39 min Scan# 385
Delta R.T. -0.02 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

Instrument :
BNA_F
ClientSampleId :
PB86620BSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	77.9	59.8	99.8
95	33.5	13.0	53.0

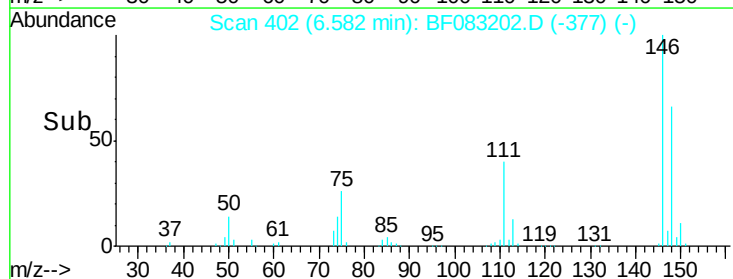
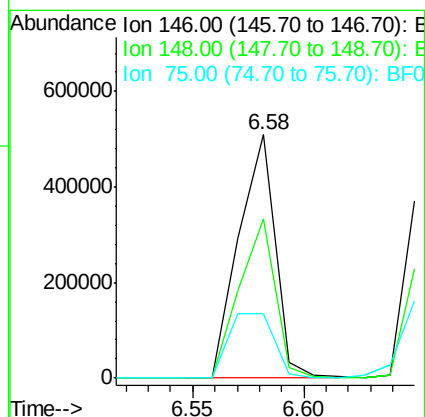
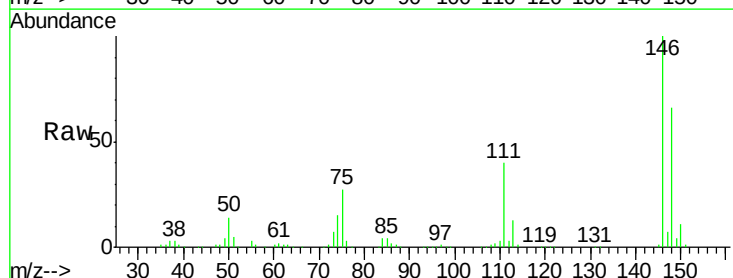
Manual Integrations
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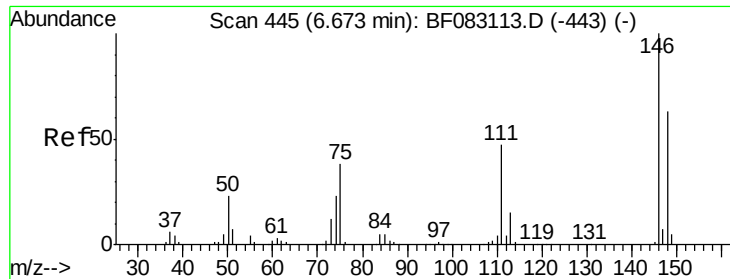
Mmdadoda
11/24/2015 1:19:57 PM



#12
1,3-Dichlorobenzene
Concen: 35.42 ng m
RT: 6.58 min Scan# 402
Delta R.T. -0.01 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	50.2	75.2
75	26.6	32.7	49.1#





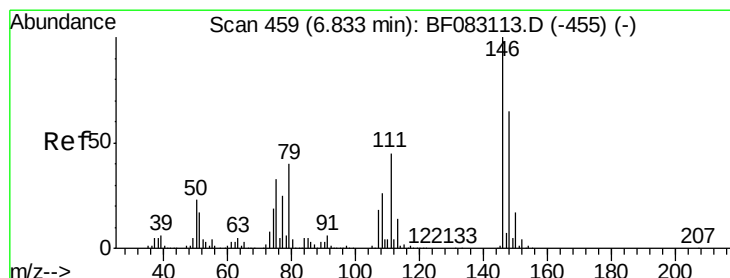
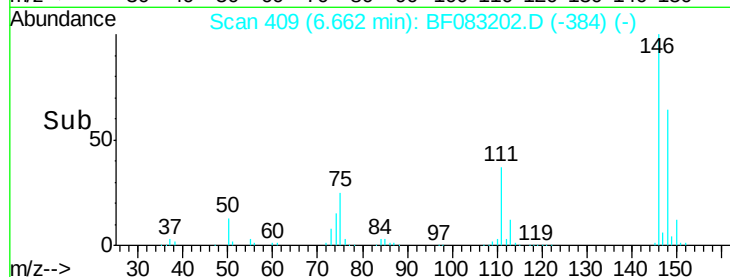
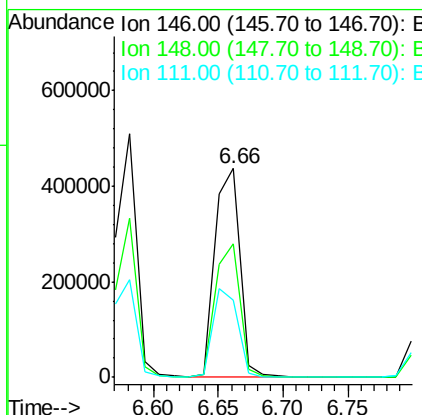
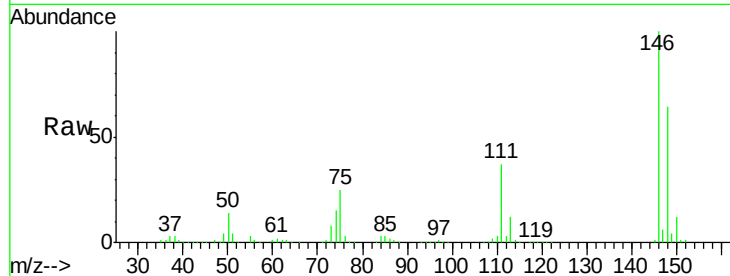
#13
 1,4-Dichlorobenzene
 Concen: 35.80 ng m
 RT: 6.66 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: BF083202.D
 Acq: 23 Nov 2015 14:08

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.2	75.2
111	37.0	37.5	56.3

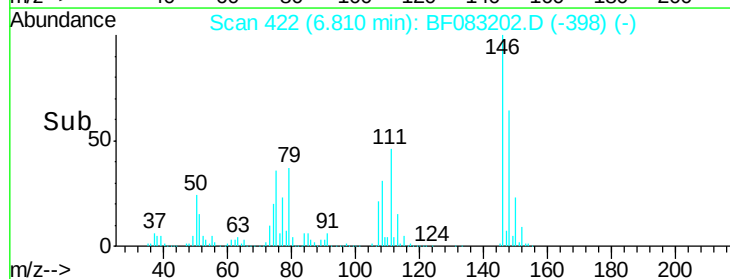
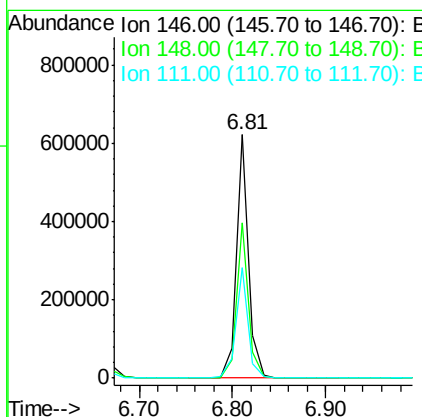
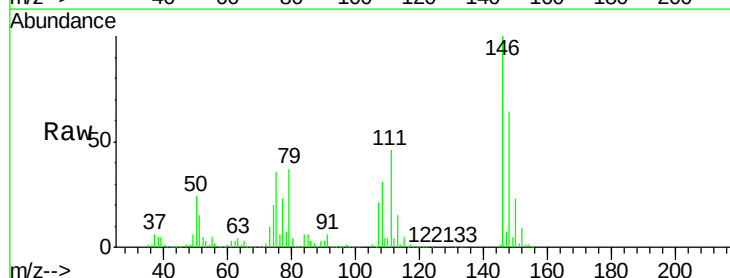
Manual Integrations
 APPROVED

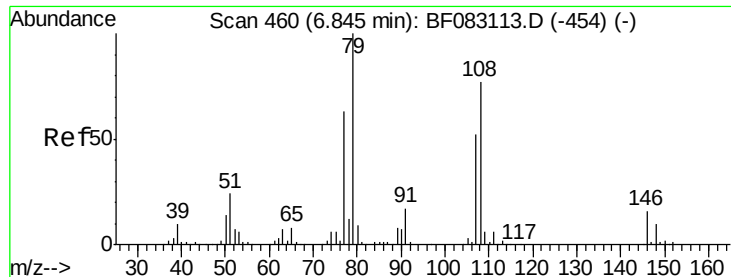
Mmdadoda
 11/24/2015 1:19:57 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.25 ng
 RT: 6.81 min Scan# 422
 Delta R.T. -0.02 min
 Lab File: BF083202.D
 Acq: 23 Nov 2015 14:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.8	77.6
111	45.6	36.2	54.4





#15

Benzyl Alcohol

Concen: 34.63 ng

RT: 6.80 min Scan# 421

Delta R.T. -0.05 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

Instrument :

BNA_F

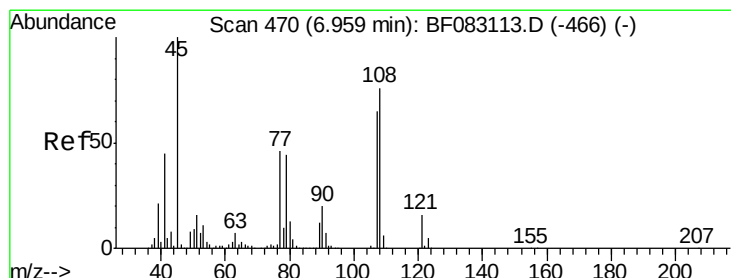
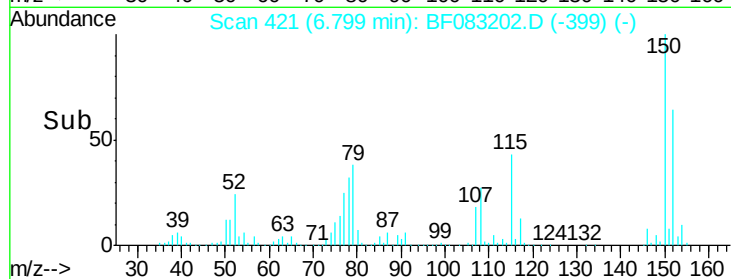
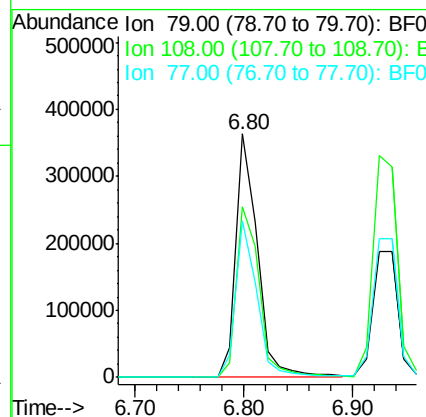
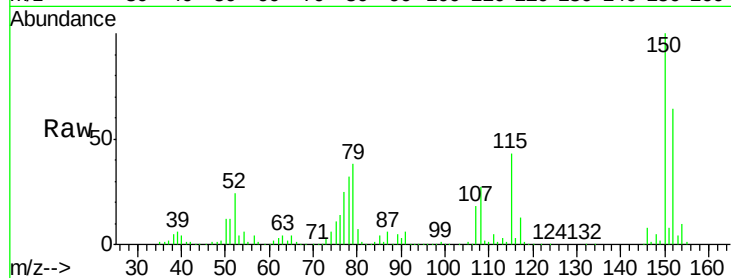
ClientSampleId :

PB86620BSD

Tgt Ion:	79	Resp:	497499
Ion Ratio	Lower	Upper	
79	100		
108	70.2	61.4	92.2
77	64.1	50.5	75.7

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.44 ng

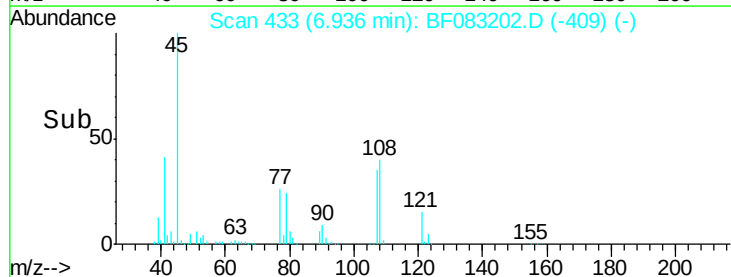
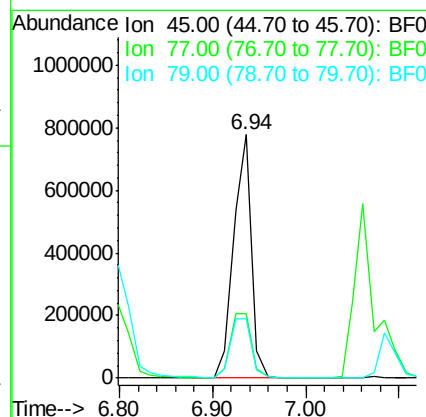
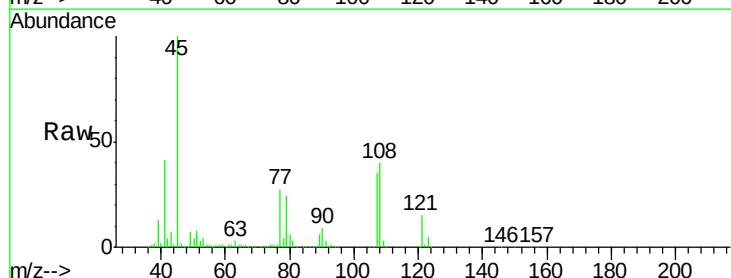
RT: 6.94 min Scan# 433

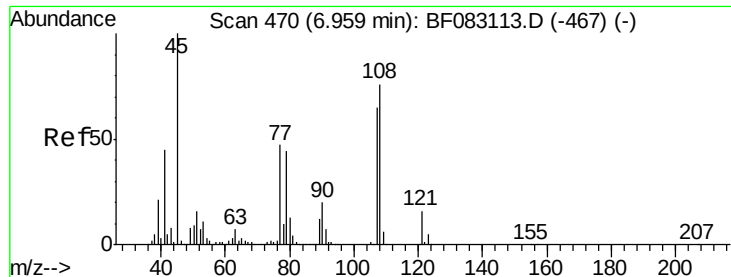
Delta R.T. -0.02 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

Tgt Ion:	45	Resp:	1029082
Ion Ratio	Lower	Upper	
45	100		
77	26.5	26.7	66.7#
79	24.1	24.3	64.3#





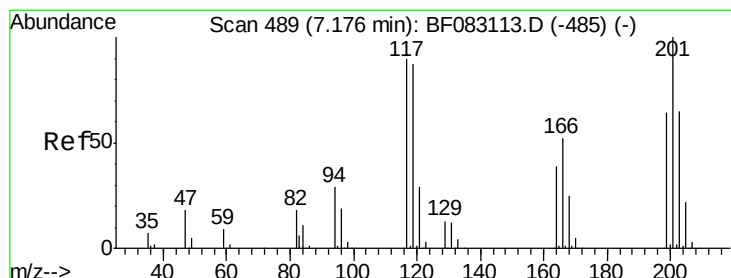
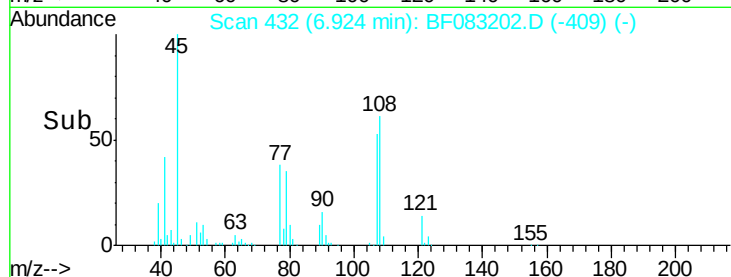
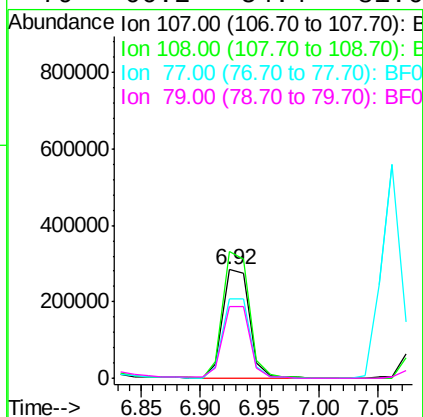
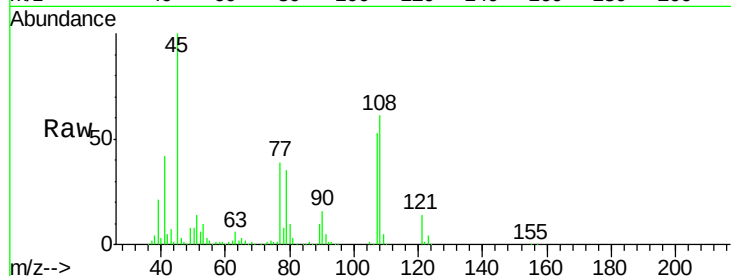
#17
2-Methylphenol
Concen: 37.60 ng
RT: 6.92 min Scan# 432
Delta R.T. -0.03 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

Instrument :
BNA_F
ClientSampleId :
PB86620BSD

Tgt	Ion	107	Resp:	446651
Ion	Ratio	Lower	Upper	
107	100			
108	116.3	93.8	140.6	
77	72.9	57.4	86.0	
79	66.2	54.4	81.6	

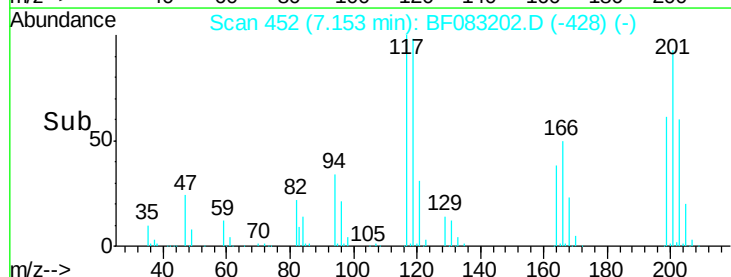
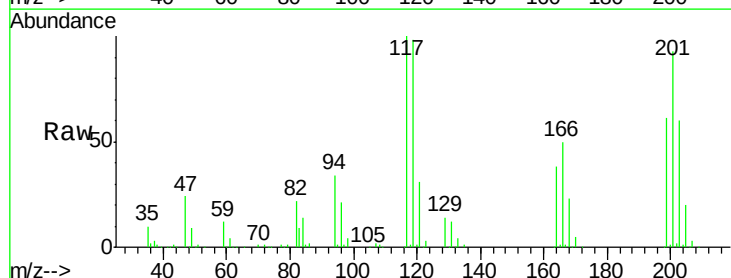
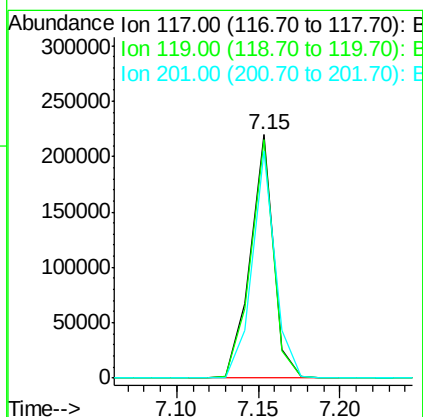
Manual Integrations
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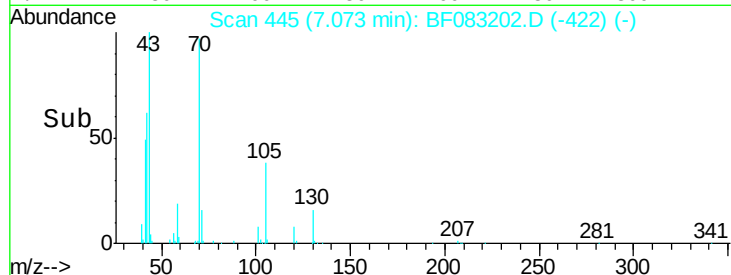
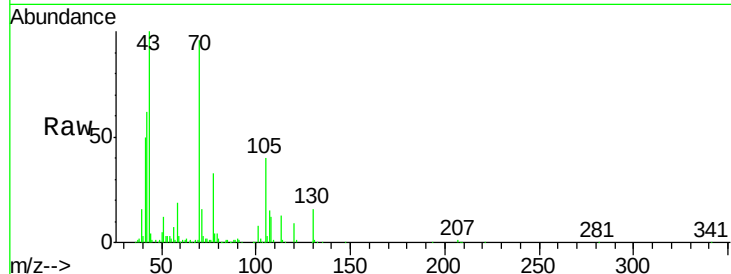
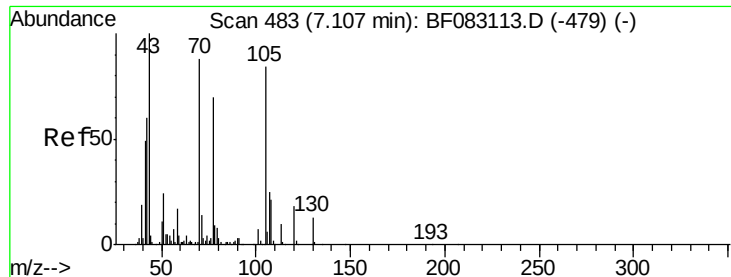
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#18
Hexachloroethane
Concen: 36.98 ng
RT: 7.15 min Scan# 452
Delta R.T. -0.02 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

Tgt	Ion	117	Resp:	215992
Ion	Ratio	Lower	Upper	
117	100			
119	98.1	76.8	115.2	
201	93.0	88.6	133.0	





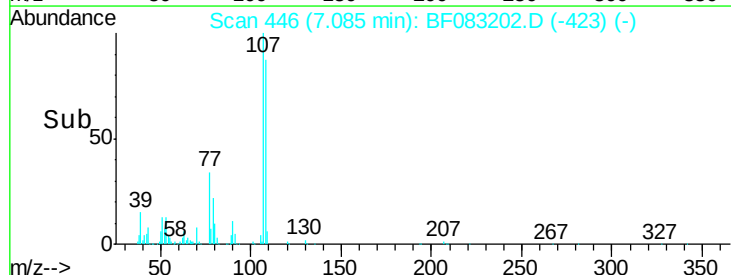
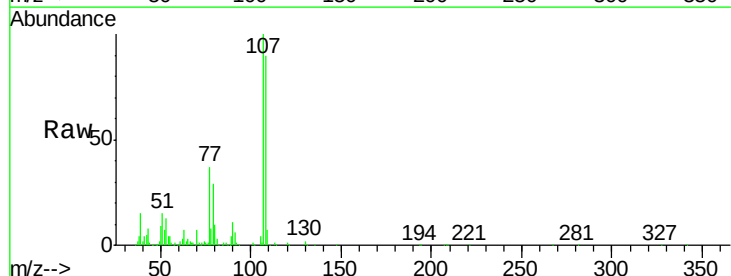
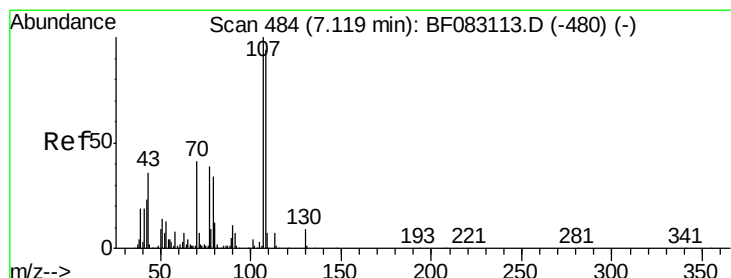
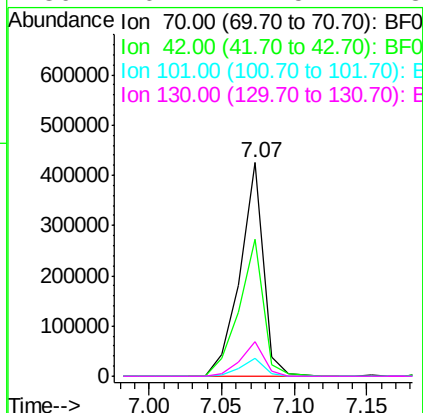
#19
n-Nitroso-di-n-propylamine
Concen: 39.82 ng
RT: 7.07 min Scan# 445
Delta R.T. -0.03 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

Instrument :
BNA_F
ClientSampleId :
PB86620BSD

Manual Integrations
APPROVED

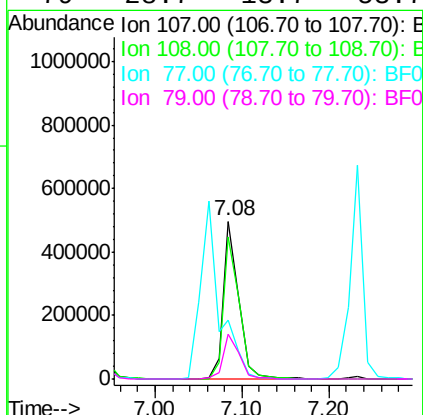
Mmdadoda
11/24/2015 1:19:57 PM

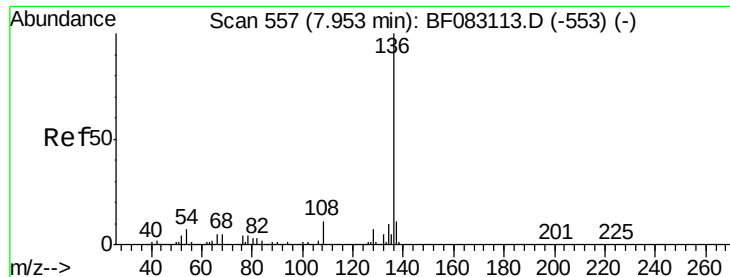
Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	64.4	54.5	81.7	
101	8.5	6.6	9.8	
130	16.2	11.5	17.3	



#20
3+4-Methylphenols
Concen: 40.97 ng
RT: 7.08 min Scan# 446
Delta R.T. -0.03 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.8	73.8	113.8	
77	37.1	19.1	59.1	
79	28.7	13.7	53.7	





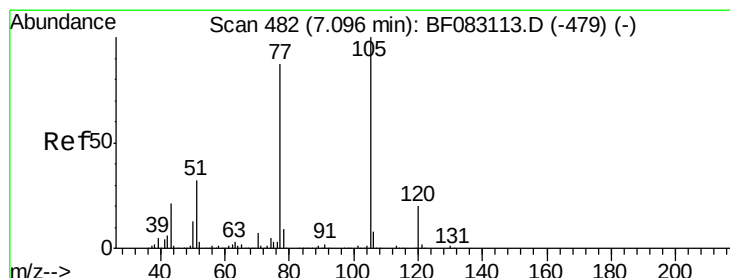
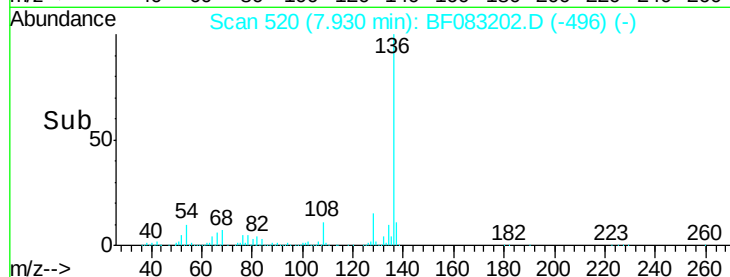
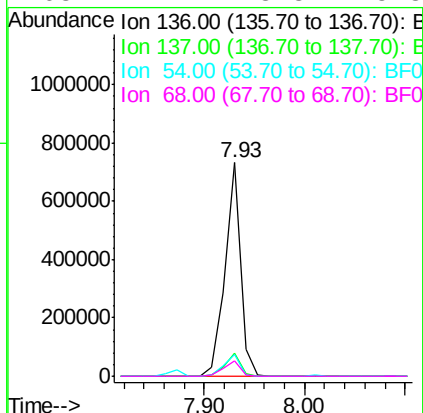
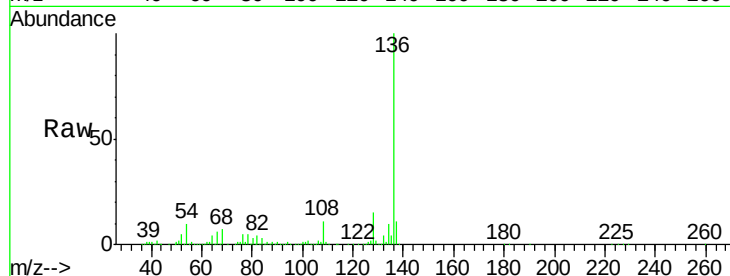
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 520
Delta R.T. -0.02 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

Instrument :
BNA_F
ClientSampleId :
PB86620BSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	787861		
137	11.0	8.7	13.1	
54	10.0	5.8	8.6#	
68	7.1	3.8	5.8#	

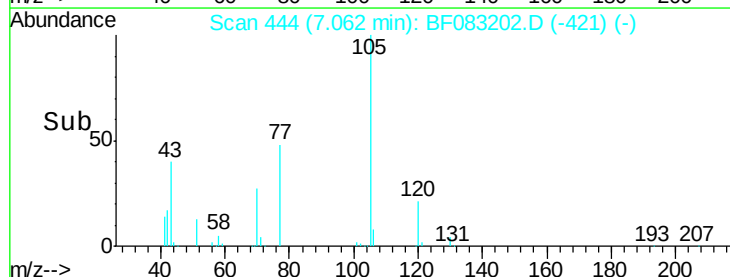
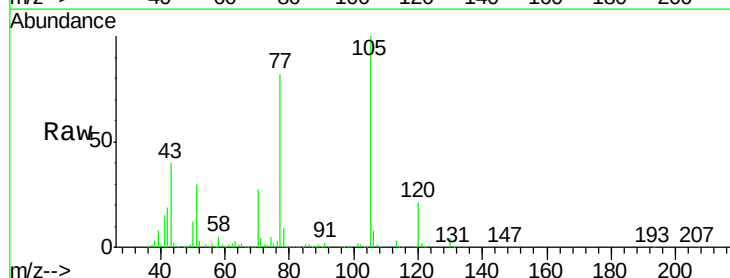
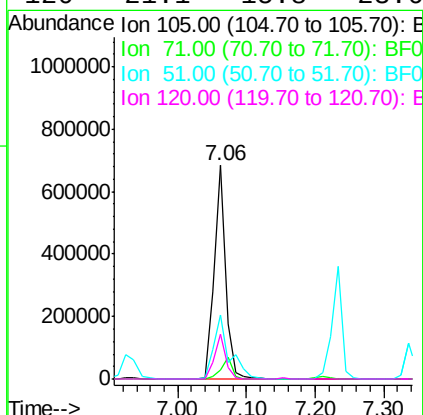
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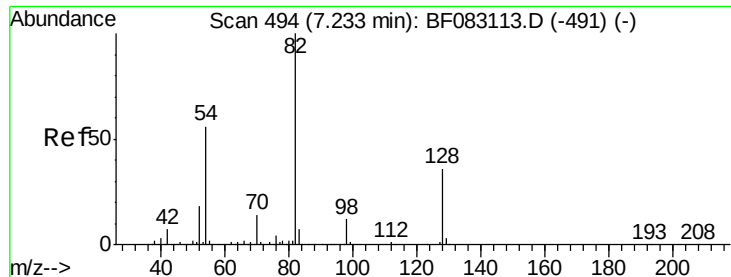
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11/24/2015 1:19:57 PM



#22
Acetophenone
Concen: 35.89 ng
RT: 7.06 min Scan# 444
Delta R.T. -0.03 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	811864		
71	4.4	1.0	1.4#	
51	29.8	25.6	38.4	
120	21.1	15.8	23.6	





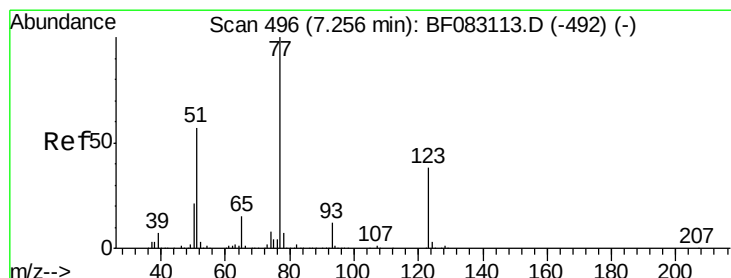
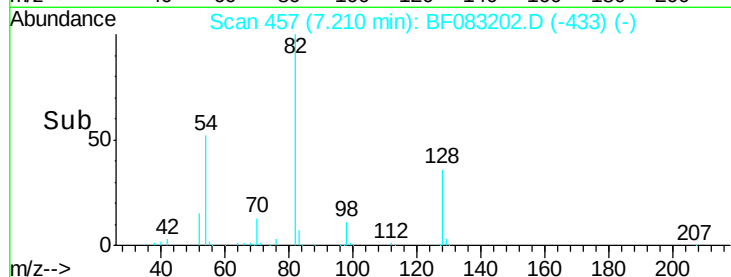
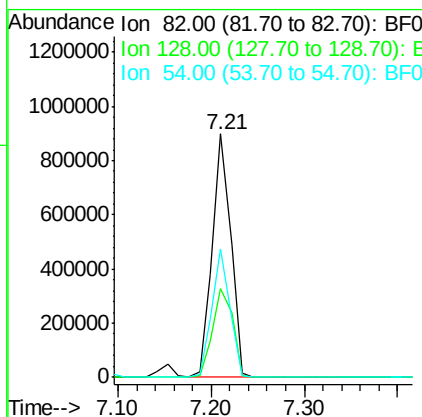
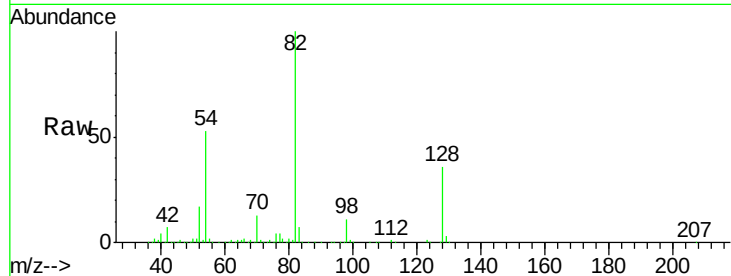
#23
 Nitrobenzene-d5
 Concen: 72.06 ng
 RT: 7.21 min Scan# 457
 Delta R.T. -0.02 min
 Lab File: BF083202.D
 Acq: 23 Nov 2015 14:08

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BSD

Tgt Ion: 82 Resp: 1242488
 Ion Ratio Lower Upper
 82 100
 128 36.3 28.5 42.7
 54 52.8 44.6 67.0

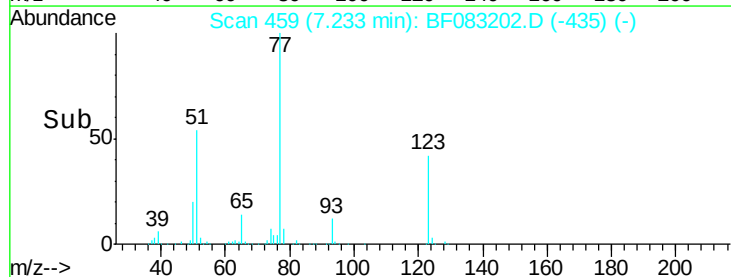
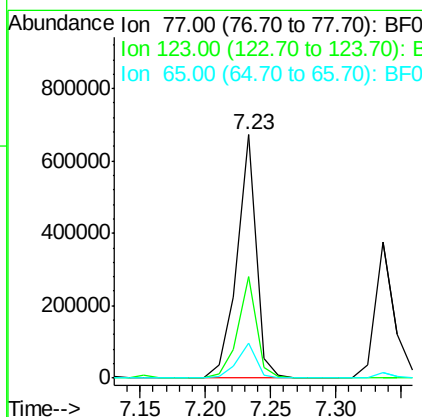
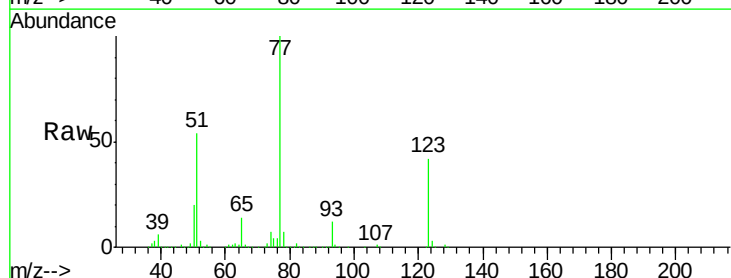
Manual Integrations
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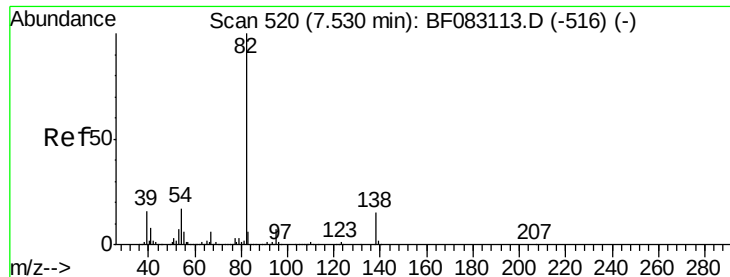
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 11/24/2015 1:19:57 PM



#24
 Nitrobenzene
 Concen: 36.92 ng
 RT: 7.23 min Scan# 459
 Delta R.T. -0.02 min
 Lab File: BF083202.D
 Acq: 23 Nov 2015 14:08

Tgt Ion: 77 Resp: 680270
 Ion Ratio Lower Upper
 77 100
 123 41.6 30.1 45.1
 65 14.1 11.6 17.4





#25

Isophorone

Concen: 36.19 ng

RT: 7.47 min Scan# 480

Delta R.T. -0.06 min

Lab File: BF083202.D

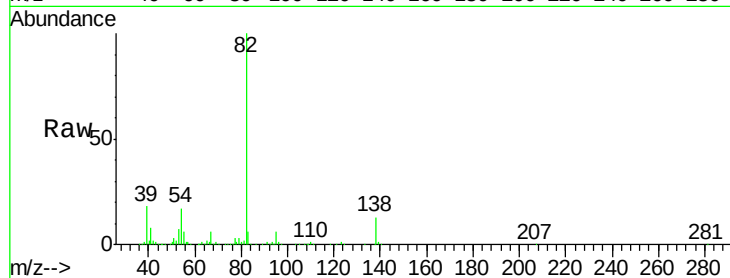
Acq: 23 Nov 2015 14:08

Instrument :

BNA_F

ClientSampleId :

PB86620BSD



Tgt Ion: 82 Resp: 1181503

Ion Ratio Lower Upper

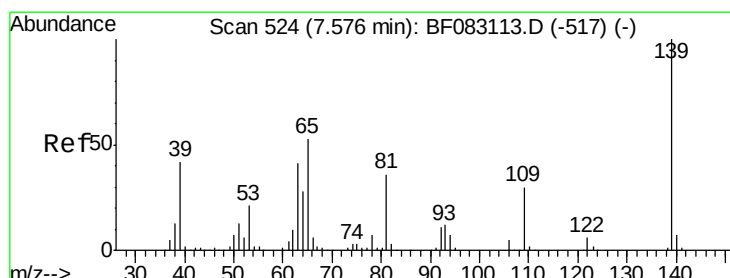
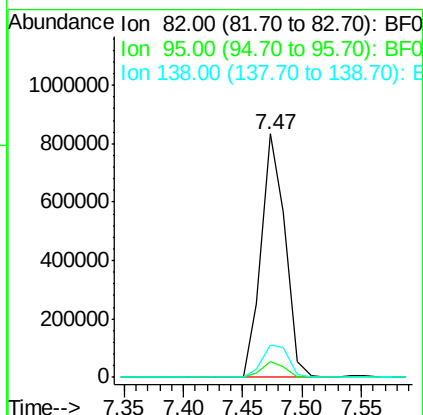
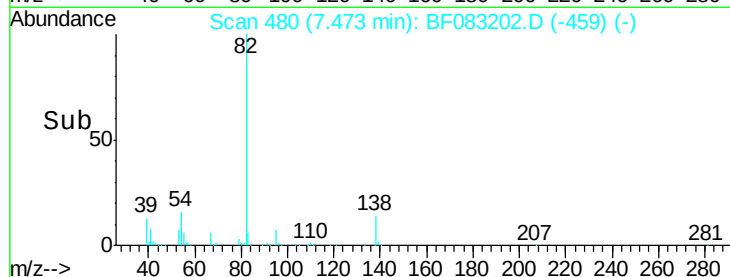
82 100

95 6.5 5.8 8.8

138 13.4 11.6 17.4

Manual Integrations
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11/24/2015 1:19:57 PM



#26

2-Nitrophenol

Concen: 37.18 ng

RT: 7.55 min Scan# 487

Delta R.T. -0.02 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

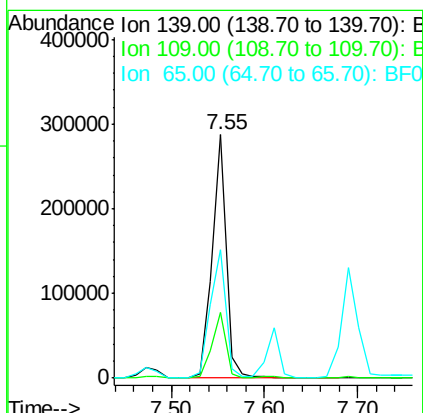
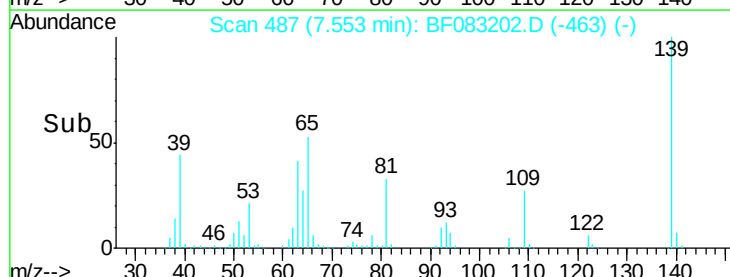
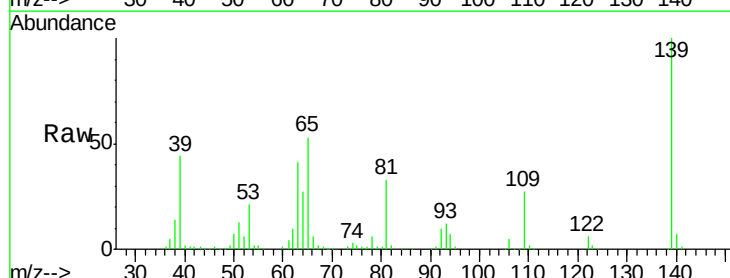
Tgt Ion: 139 Resp: 302430

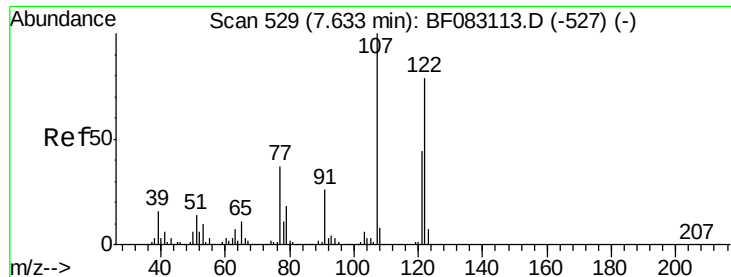
Ion Ratio Lower Upper

139 100

109 26.7 23.9 35.9

65 52.8 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 39.41 ng

RT: 7.61 min Scan# 492

Delta R.T. -0.02 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

Instrument :

BNA_F

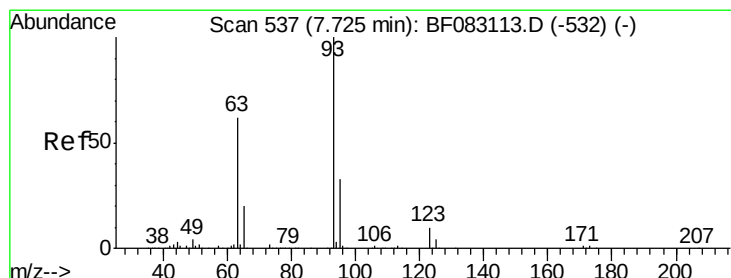
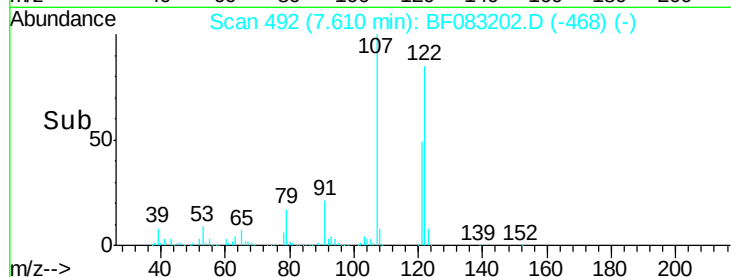
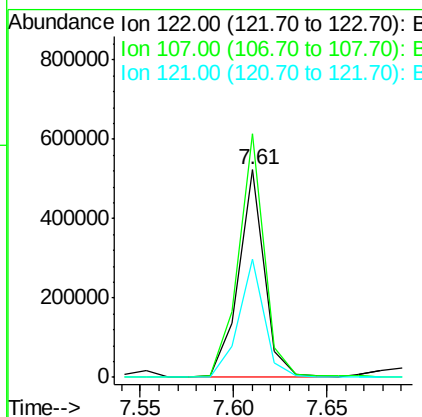
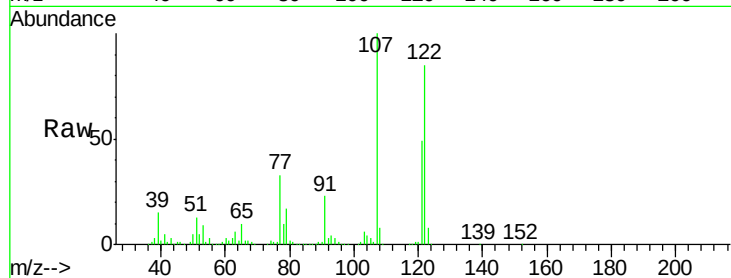
ClientSampleId :

PB86620BSD

Tgt Ion:	122	Resp:	511609
Ion Ratio	Lower	Upper	
122	100		
107	117.2	101.1	151.7
121	57.1	44.9	67.3

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#28

bis(2-Chloroethoxy)methane

Concen: 36.26 ng

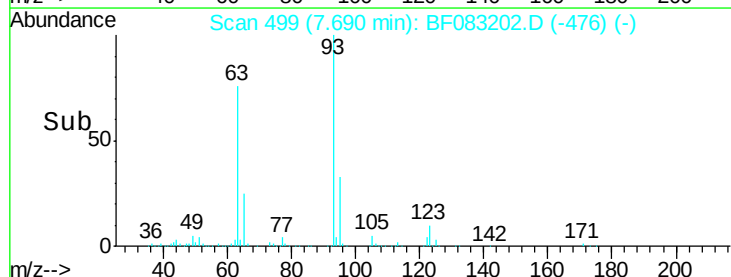
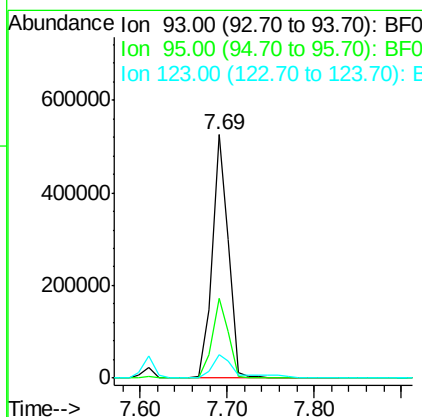
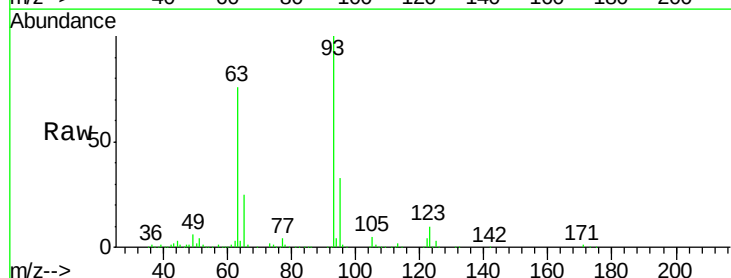
RT: 7.69 min Scan# 499

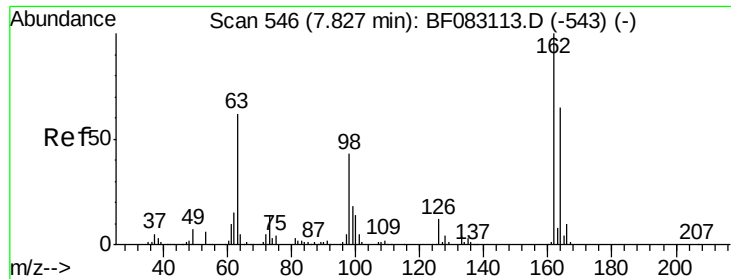
Delta R.T. -0.03 min

Lab File: BF083202.D

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Tgt Ion:	93	Resp:	688307
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.5	39.7
123	9.5	8.1	12.1





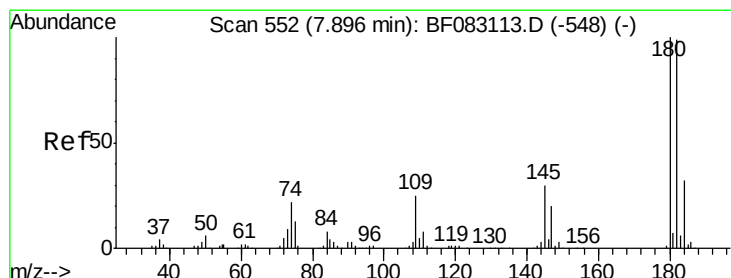
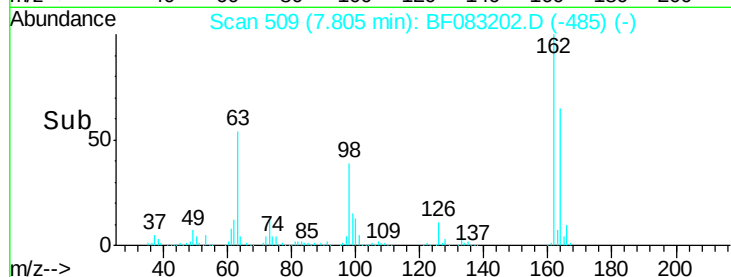
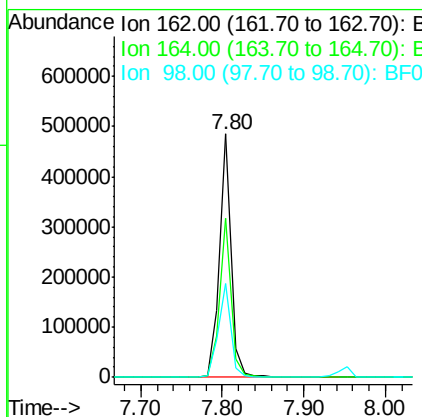
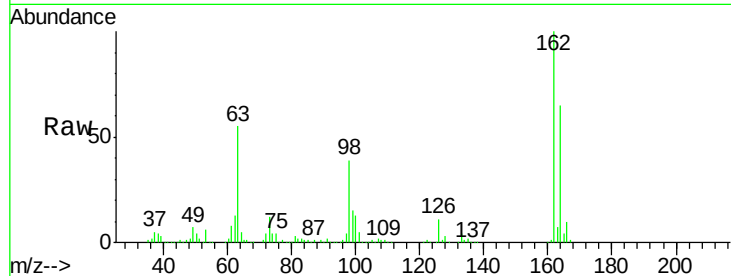
#29
2,4-Dichlorophenol
Concen: 38.91 ng
RT: 7.80 min Scan# 509
Delta R.T. -0.02 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
162	100	480369		
164	65.3	44.8	84.8	
98	38.6	23.1	63.1	

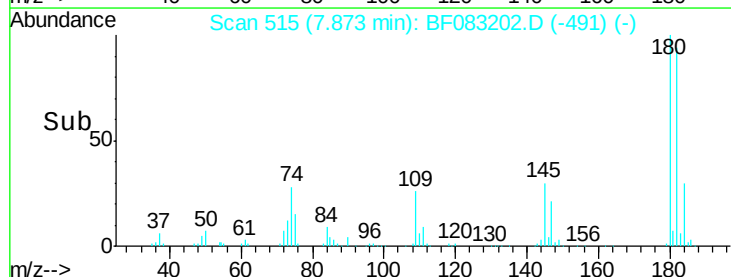
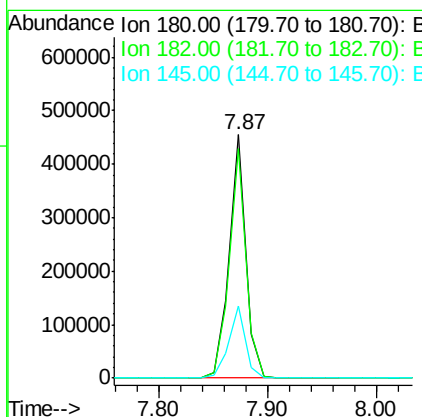
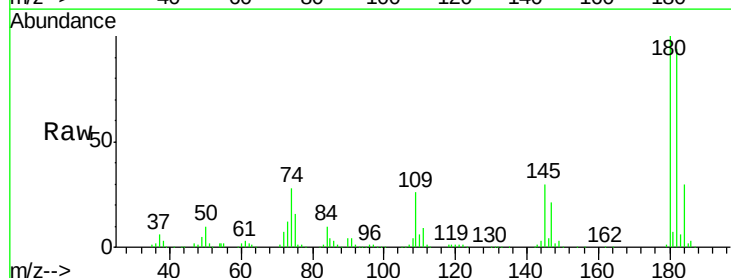
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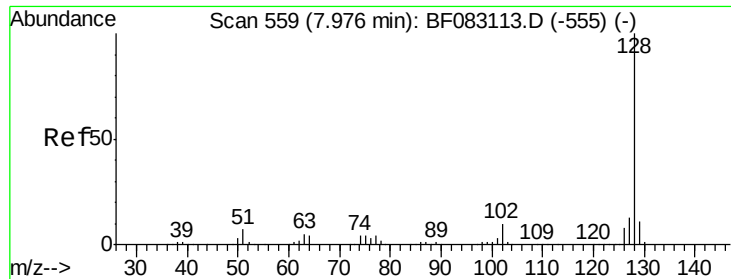
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#30
1,2,4-Trichlorobenzene
Concen: 35.47 ng
RT: 7.87 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

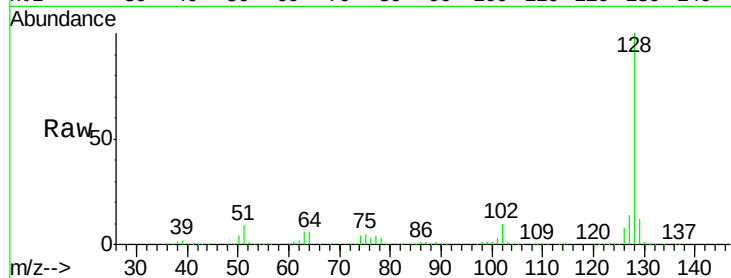
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	480953		
182	94.2	79.0	118.6	
145	29.7	24.2	36.2	





#31
Naphthalene
Concen: 36.95 ng
RT: 7.95 min Scan# 522
Delta R.T. -0.02 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

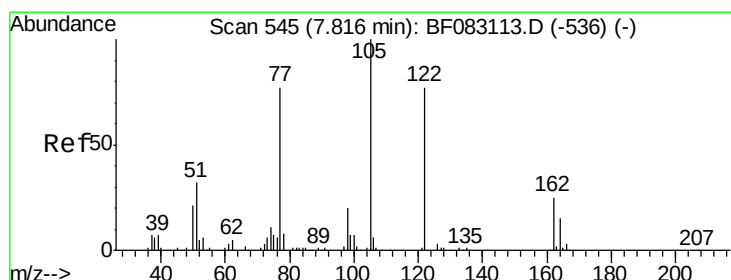
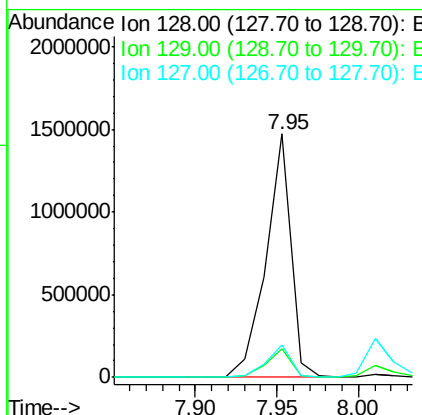
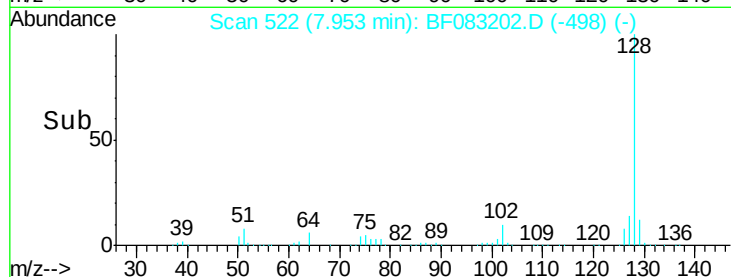
Instrument :
BNA_F
ClientSampleId :
PB86620BSD



Tgt Ion:128 Resp: 1570919
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.4
127 13.5 10.6 15.8

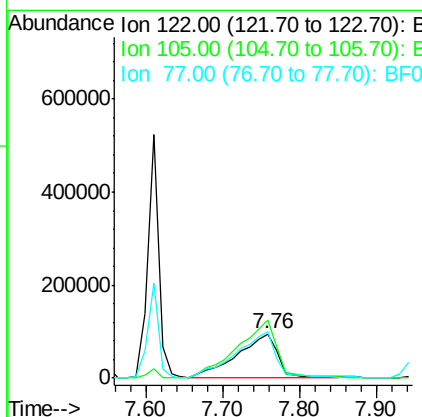
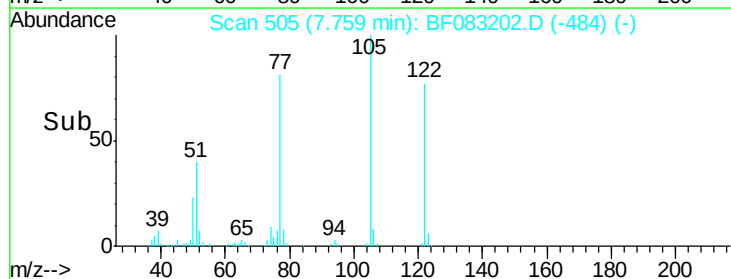
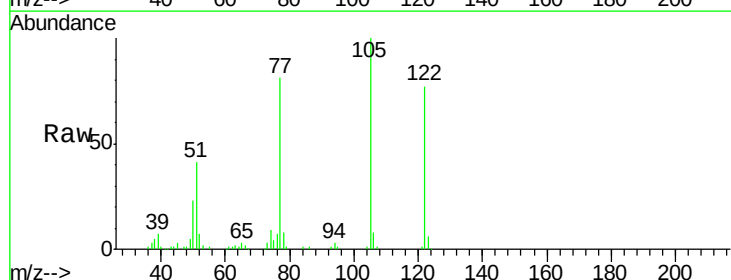
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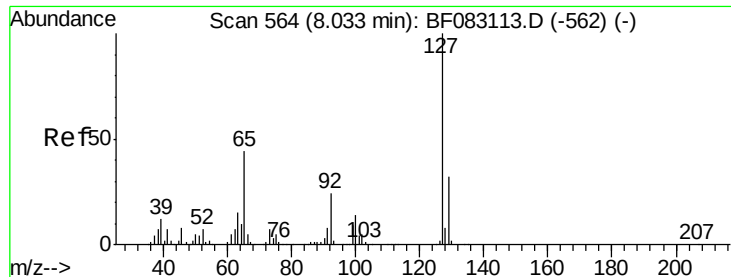
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#32
Benzoic acid
Concen: 33.39 ng
RT: 7.76 min Scan# 505
Delta R.T. -0.06 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

Tgt Ion:122 Resp: 336851
Ion Ratio Lower Upper
122 100
105 130.1 109.7 149.7
77 105.8 79.7 119.7





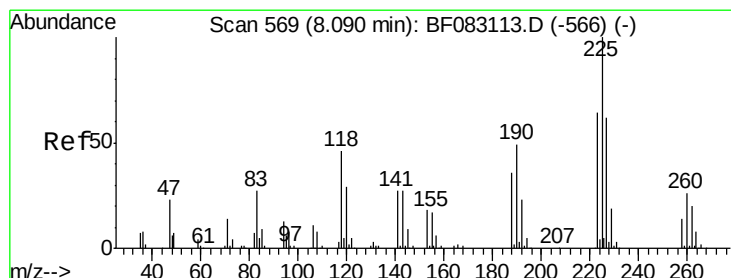
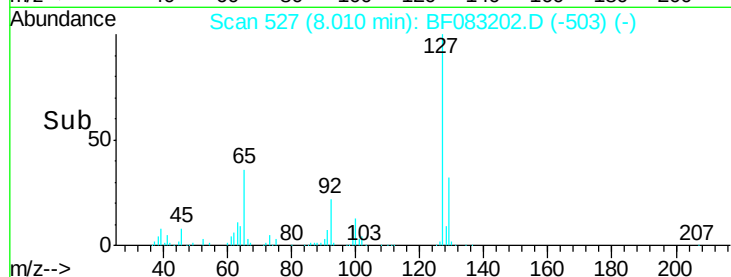
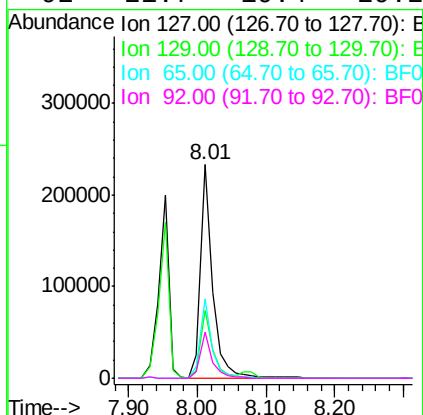
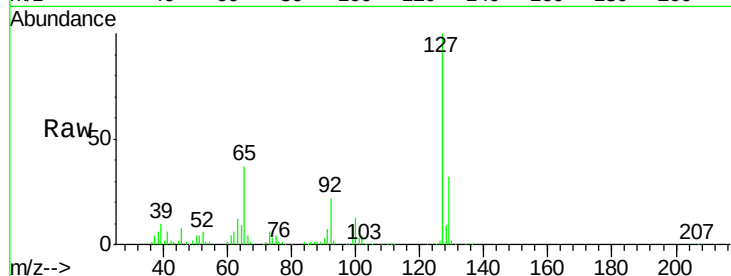
#33
4-Chloroaniline
Concen: 17.10 ng
RT: 8.01 min Scan# 527
Delta R.T. -0.02 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

Instrument :
BNA_F
ClientSampleId :
PB86620BSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	282075		
129	31.7	25.7	38.5	
65	37.0	35.5	53.3	
92	21.7	19.4	29.2	

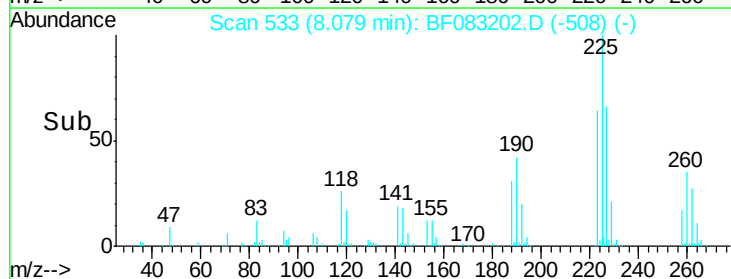
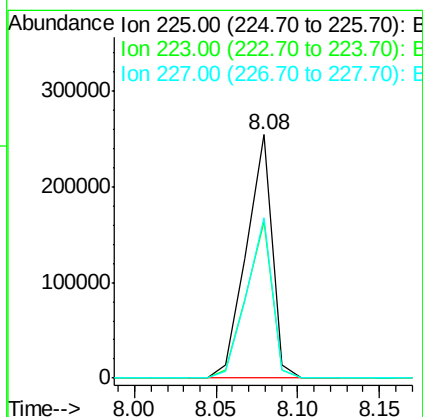
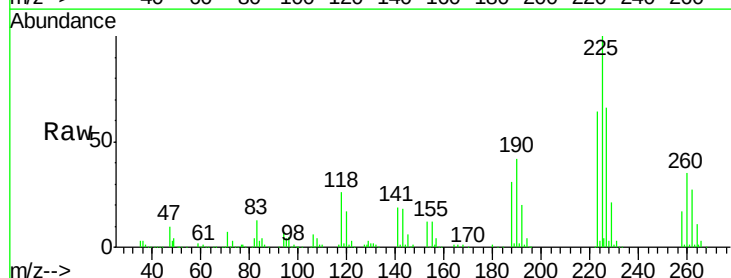
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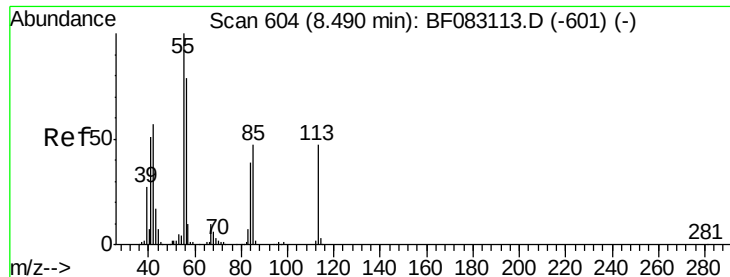
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#34
Hexachlorobutadiene
Concen: 34.82 ng
RT: 8.08 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	279059		
223	64.3	51.3	76.9	
227	65.9	49.8	74.8	





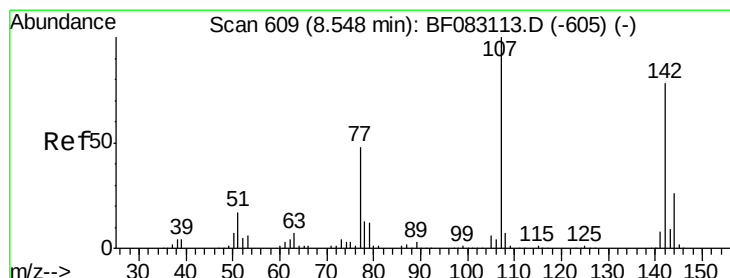
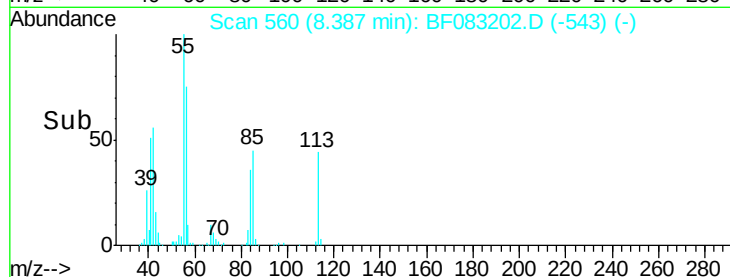
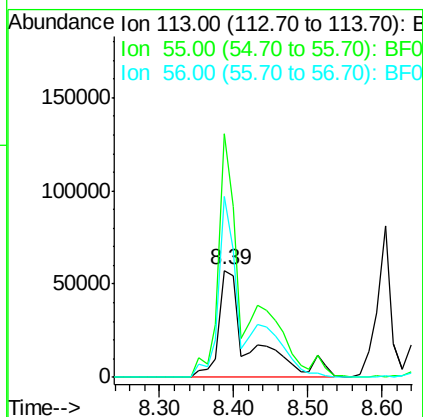
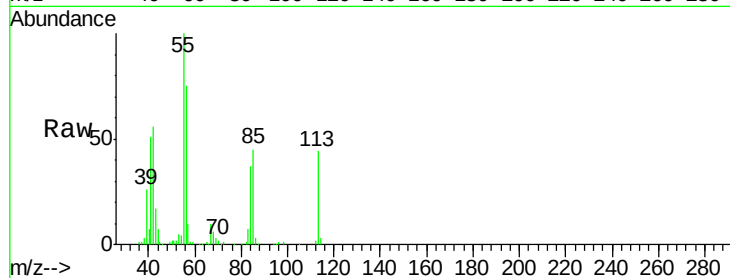
#35
 Caprolactam
 Concen: 42.70 ng m
 RT: 8.39 min Scan# 560
 Delta R.T. -0.10 min
 Lab File: BF083202.D
 Acq: 23 Nov 2015 14:08

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BSD

Tgt Ion	Ratio	Lower	Upper
113	100		
55	228.3	192.6	232.6
56	170.1	148.6	188.6

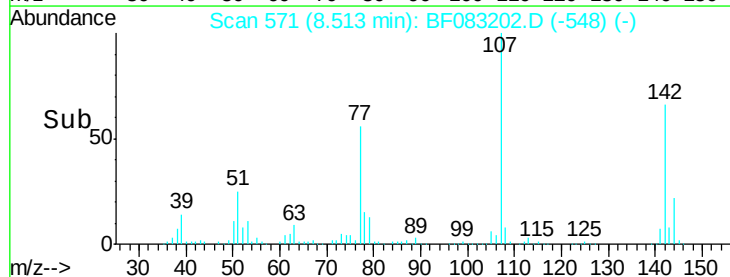
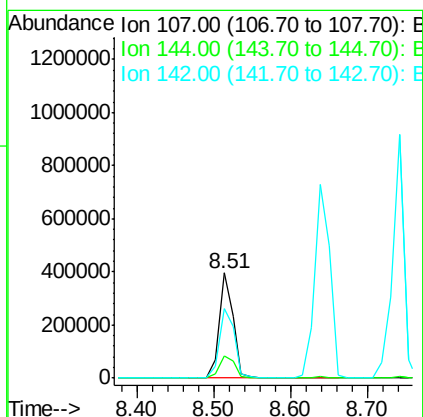
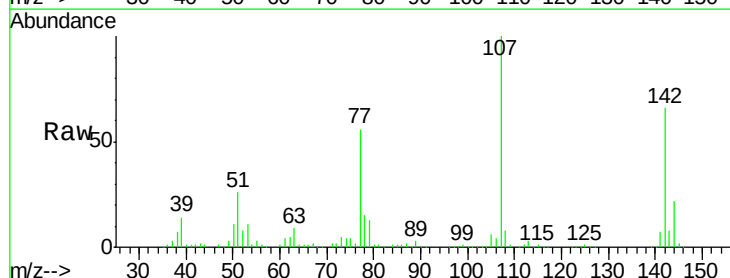
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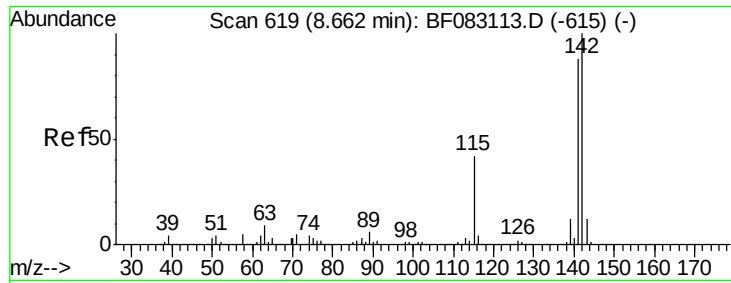
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#36
 4-Chloro-3-methylphenol
 Concen: 35.13 ng
 RT: 8.51 min Scan# 571
 Delta R.T. -0.03 min
 Lab File: BF083202.D
 Acq: 23 Nov 2015 14:08

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.5	20.8	31.2
142	65.6	62.1	93.1





#37

2-Methylnaphthalene

Concen: 35.88 ng

RT: 8.64 min Scan# 582

Delta R.T. -0.02 min

Lab File: BF083202.D

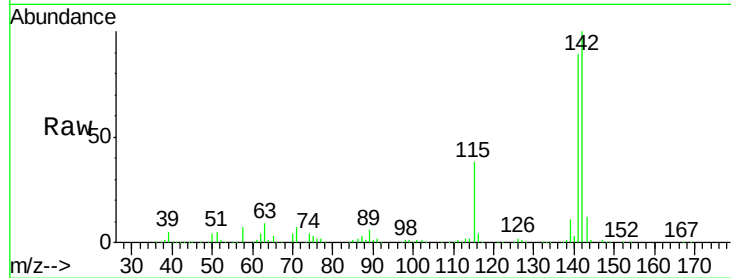
Acq: 23 Nov 2015 14:08

Instrument :

BNA_F

ClientSampleId :

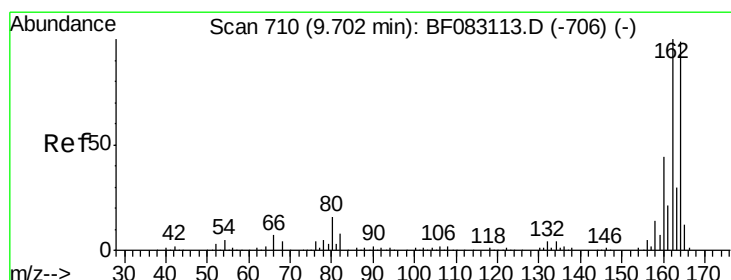
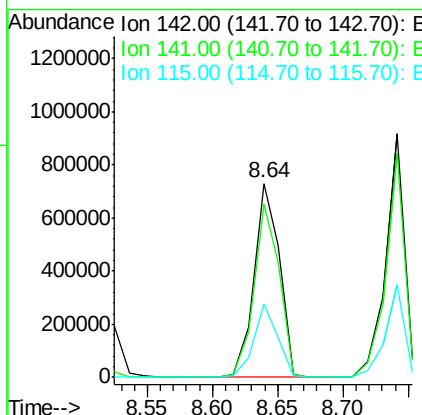
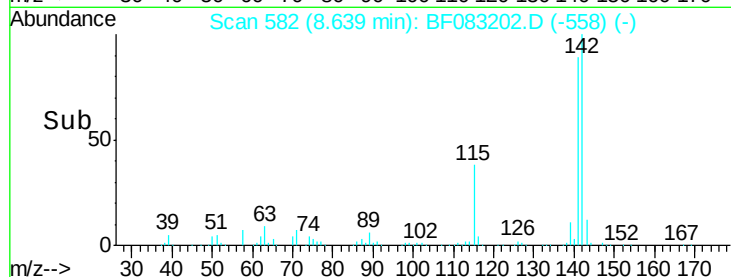
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Tgt Ion:	142	Resp:	990135
Ion Ratio		Lower	Upper
142	100		
141	88.8	70.3	105.5
115	37.7	33.4	50.2

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#38

Acenaphthene-d10

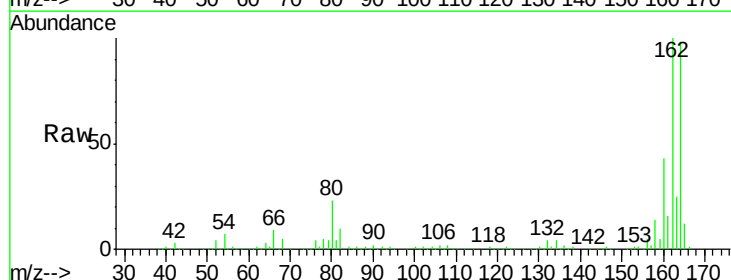
Concen: 20.00 ng

RT: 9.68 min Scan# 673

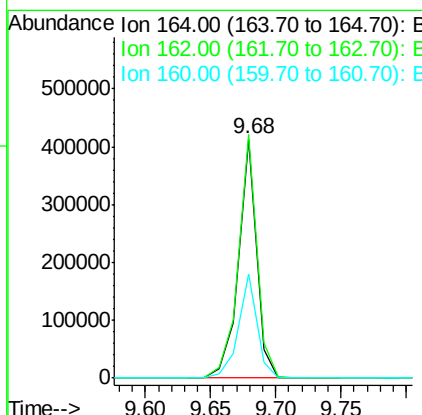
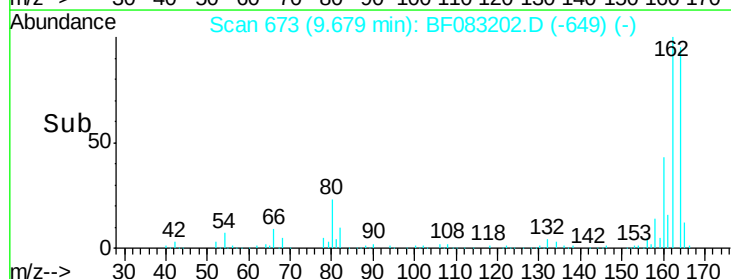
Delta R.T. -0.02 min

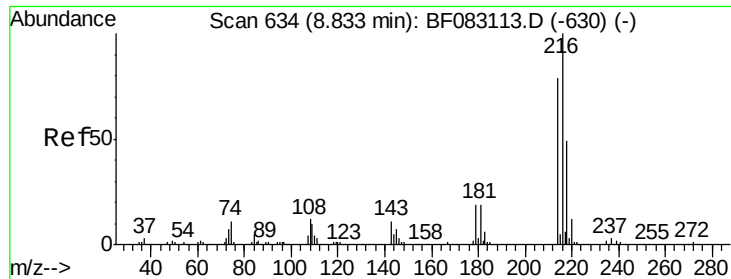
Lab File: BF083202.D

Acq: 23 Nov 2015 14:08



Tgt Ion:	164	Resp:	396454
Ion Ratio		Lower	Upper
164	100		
162	102.0	81.2	121.8
160	43.4	35.6	53.4





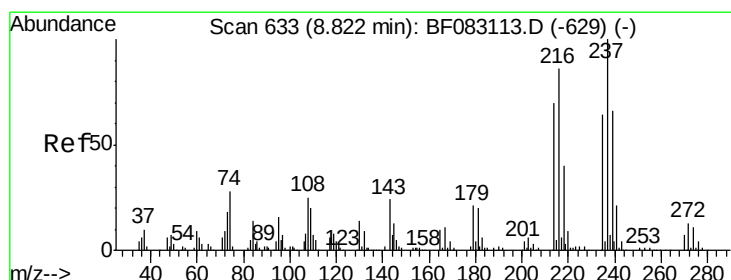
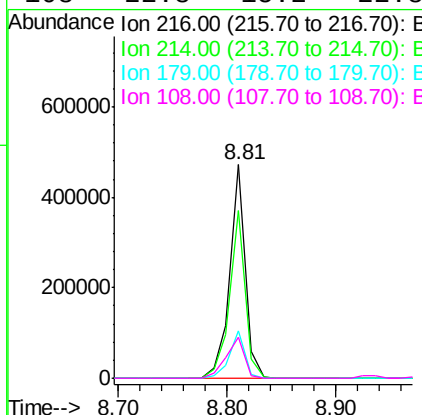
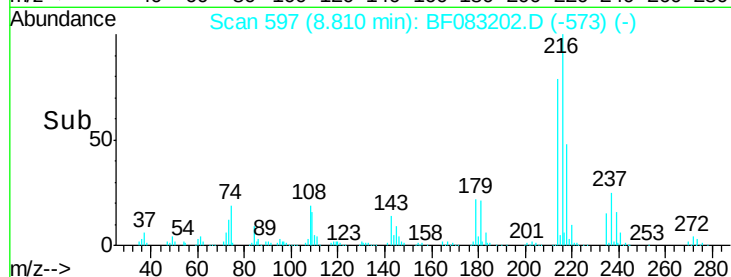
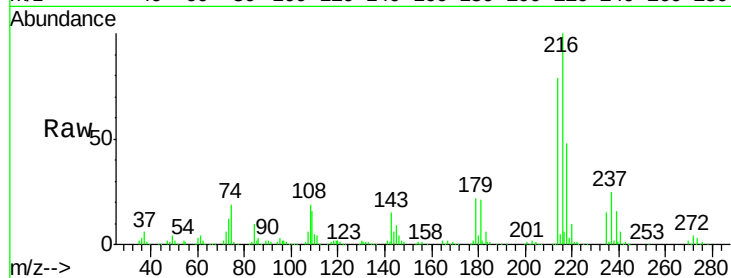
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.10 ng
 RT: 8.81 min Scan# 597
 Delta R.T. -0.02 min
 Lab File: BF083202.D
 Acq: 23 Nov 2015 14:08

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BSD

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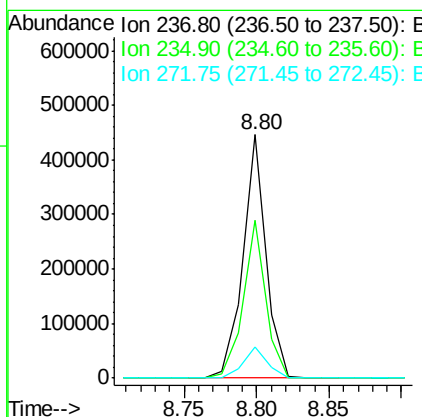
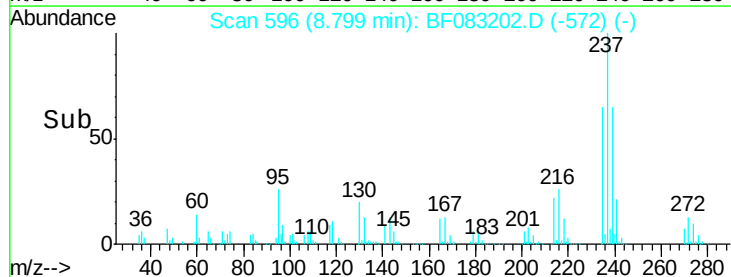
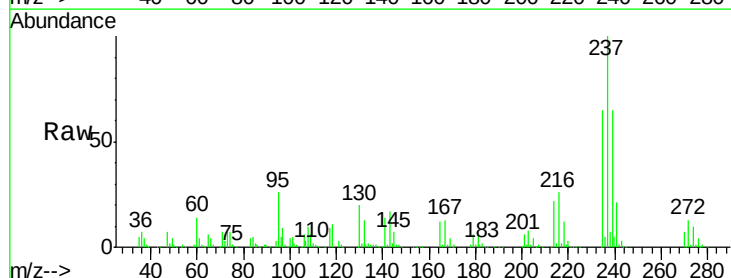
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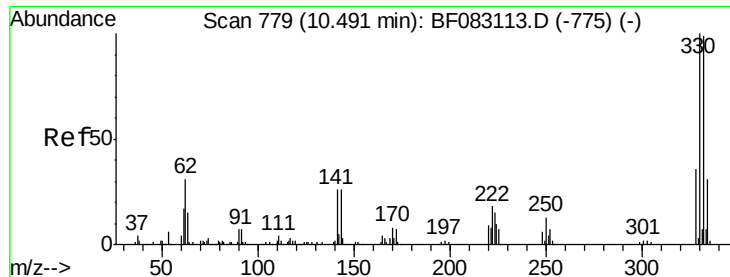
Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.8	95.8
179	22.1	17.0	25.6
108	22.8	15.2	22.8



#40
 Hexachlorocyclopentadiene
 Concen: 66.90 ng
 RT: 8.80 min Scan# 596
 Delta R.T. -0.02 min
 Lab File: BF083202.D
 Acq: 23 Nov 2015 14:08

Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.9	43.5	83.5
272	12.6	0.0	33.1





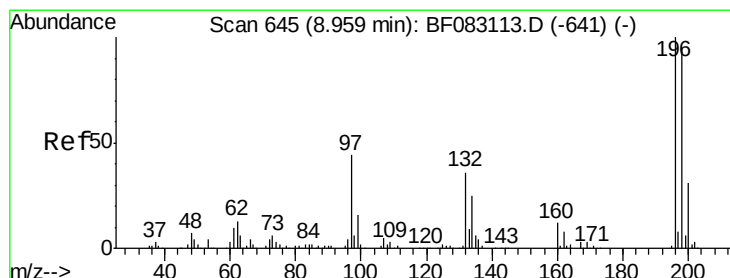
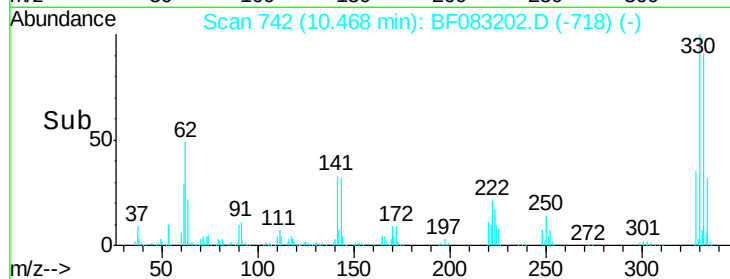
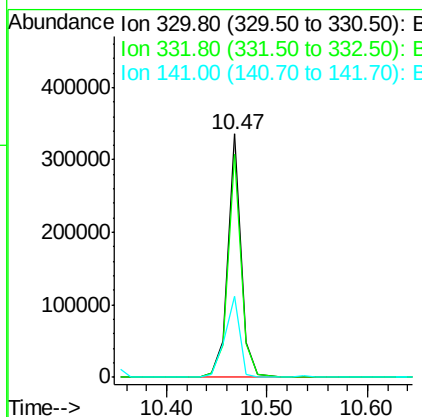
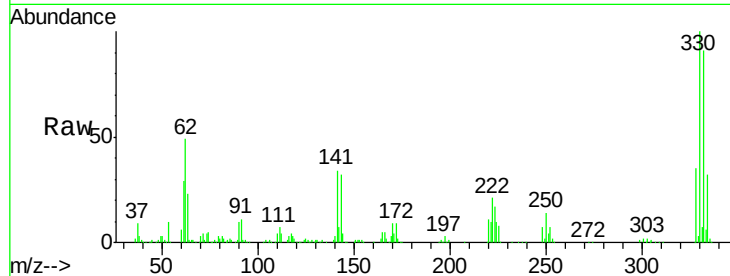
#41
 2,4,6-Tribromophenol
 Concen: 75.94 ng
 RT: 10.47 min Scan# 742
 Delta R.T. -0.02 min
 Lab File: BF083202.D
 Acq: 23 Nov 2015 14:08

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	308003		
332	91.8	77.7	116.5	
141	37.8	29.7	44.5	

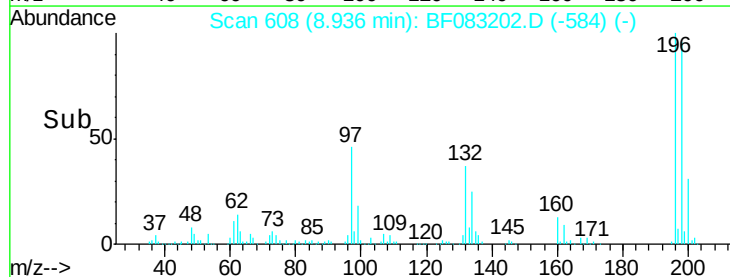
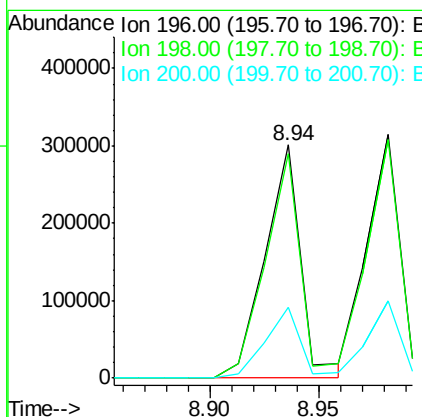
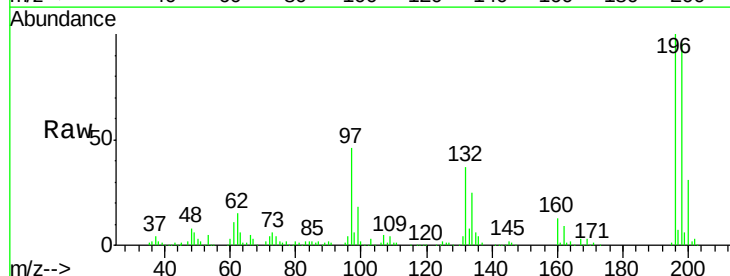
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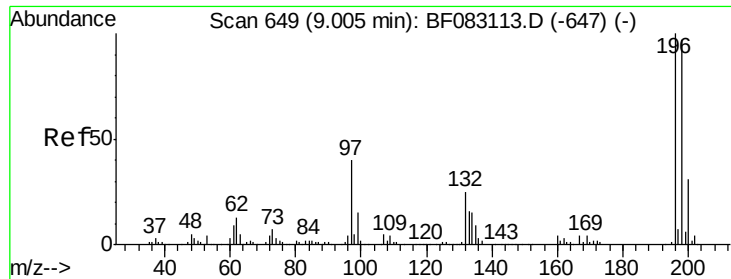
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#42
 2,4,6-Trichlorophenol
 Concen: 37.85 ng
 RT: 8.94 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF083202.D
 Acq: 23 Nov 2015 14:08

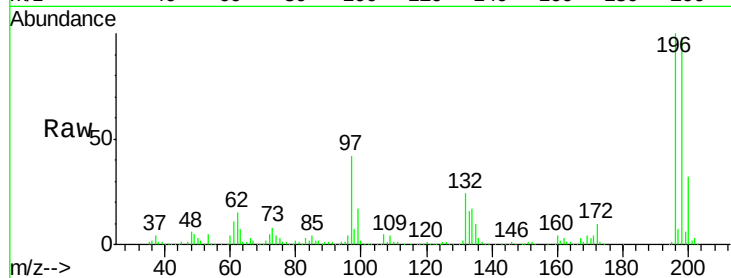
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	348341		
198	96.0	75.9	113.9	
200	30.5	24.5	36.7	





#43
 2,4,5-Trichlorophenol
 Concen: 35.98 ng
 RT: 8.98 min Scan# 612
 Delta R.T. -0.02 min
 Lab File: BF083202.D
 Acq: 23 Nov 2015 14:08

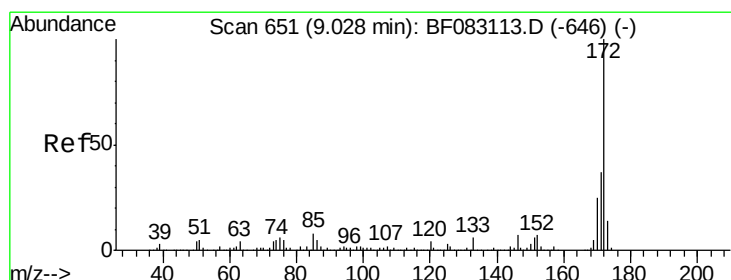
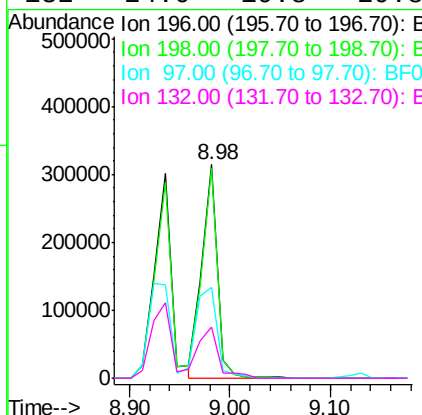
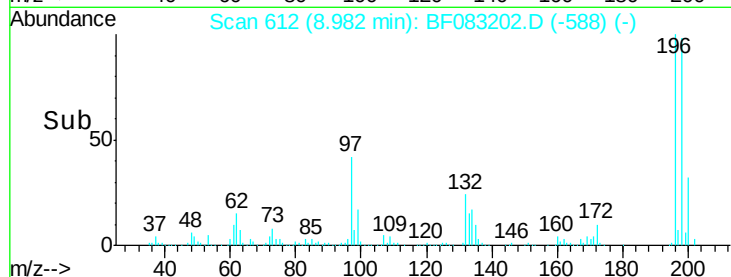
Instrument :
 BNA_F
 ClientSampleId :
 PB86620BSD



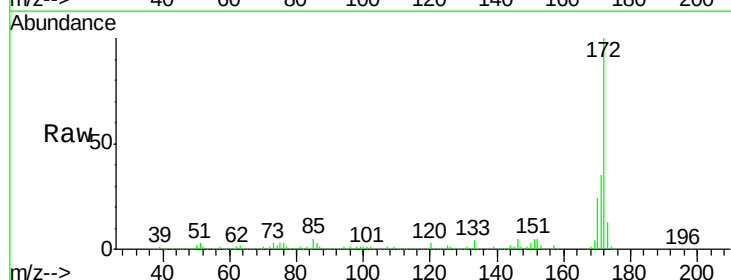
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	338522		
198	98.1	77.6	116.4	
97	42.5	32.6	48.8	
132	24.0	19.8	29.8	

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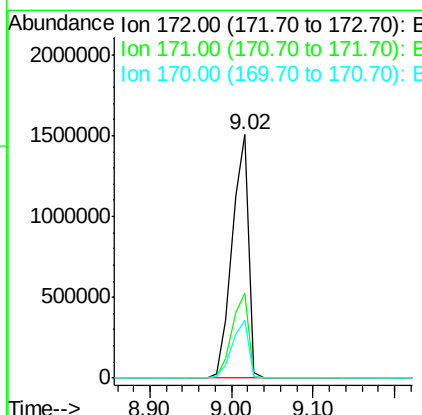
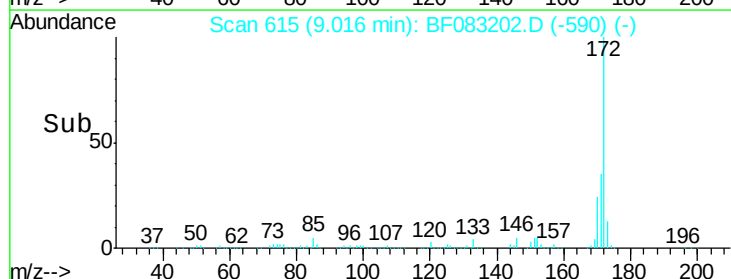
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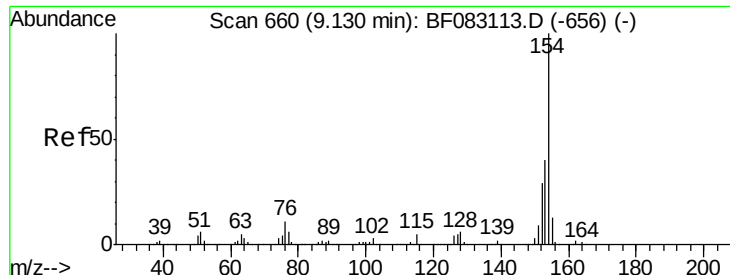


#44
 2-Fluorobiphenyl
 Concen: 74.05 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083202.D
 Acq: 23 Nov 2015 14:08



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2105411		
171	34.9	29.5	44.3	
170	24.1	19.9	29.9	





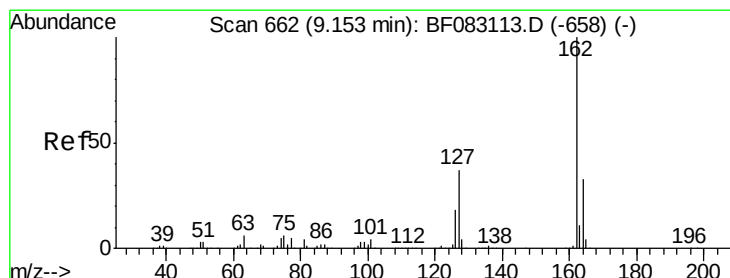
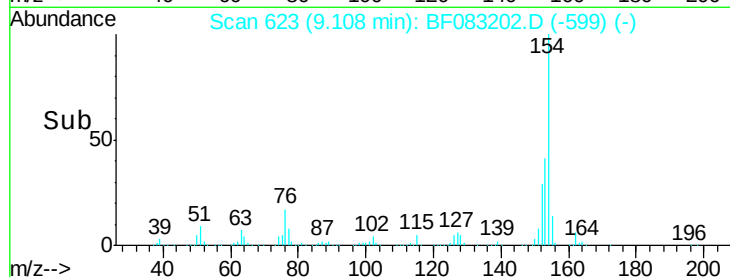
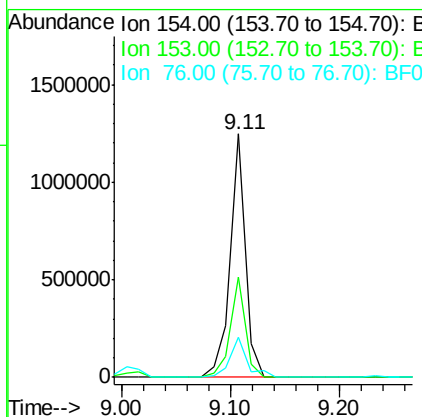
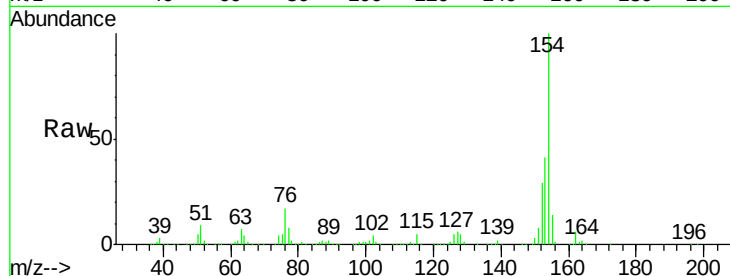
#45
 1,1'-Biphenyl
 Concen: 35.54 ng
 RT: 9.11 min Scan# 623
 Delta R.T. -0.02 min
 Lab File: BF083202.D
 Acq: 23 Nov 2015 14:08

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BSD

Tgt Ion:154 Resp: 1199109
 Ion Ratio Lower Upper
 154 100
 153 41.3 20.5 60.5
 76 16.6 0.0 31.2

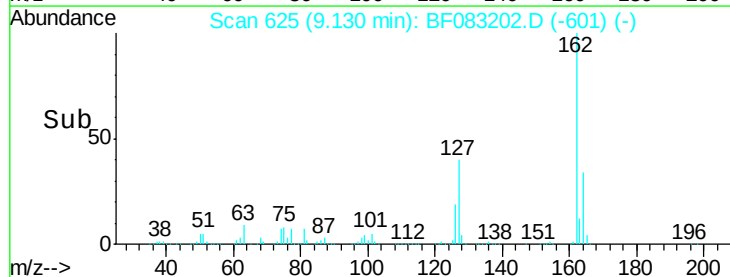
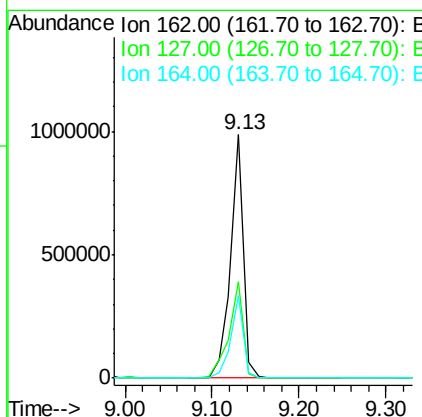
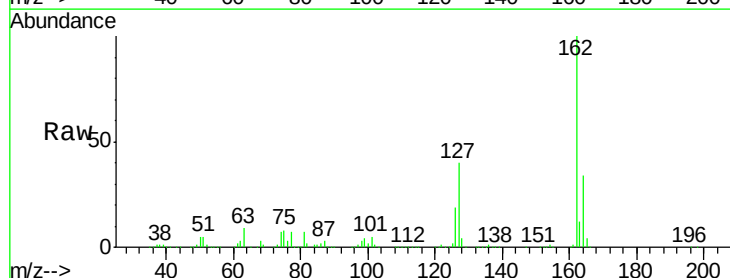
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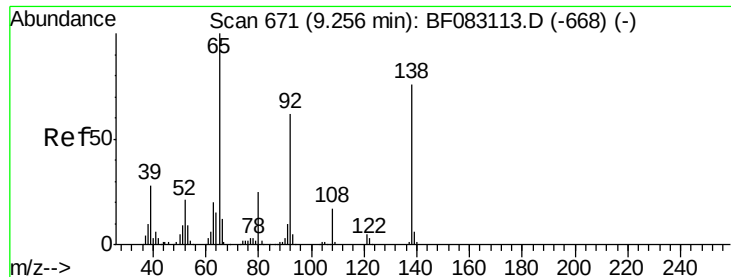
Mmdadoda
 11/24/2015 1:19:57 PM



#46
 2-Chloronaphthalene
 Concen: 37.88 ng
 RT: 9.13 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF083202.D
 Acq: 23 Nov 2015 14:08

Tgt Ion:162 Resp: 1003993
 Ion Ratio Lower Upper
 162 100
 127 39.6 29.4 44.2
 164 33.6 26.2 39.4





#47

2-Nitroaniline

Concen: 37.13 ng

RT: 9.23 min Scan# 634

Delta R.T. -0.02 min

Lab File: BF083202.D

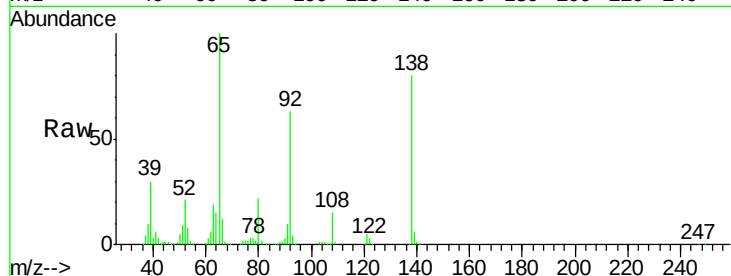
Acq: 23 Nov 2015 14:08

Instrument :

BNA_F

ClientSampleId :

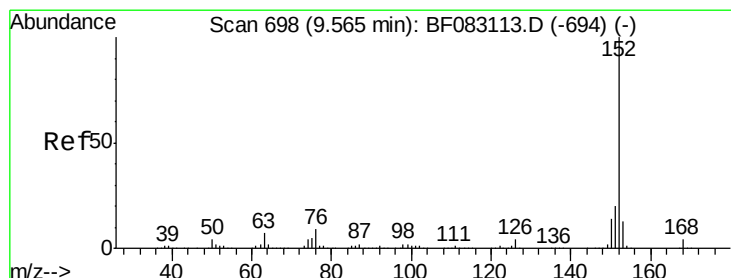
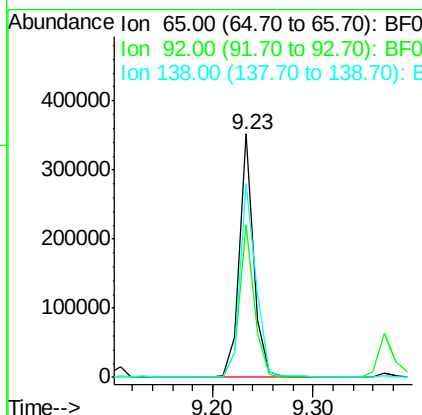
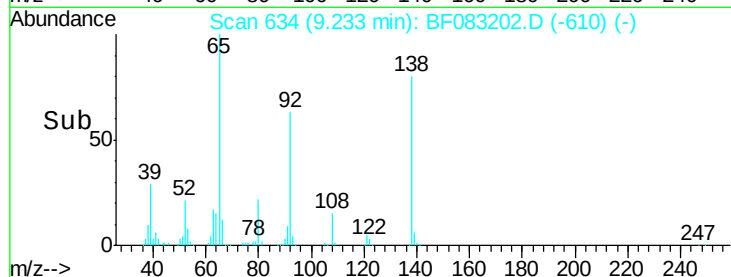
PB86620BSD



Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.7	49.5	74.3
138	79.5	60.7	91.1

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#48

Acenaphthylene

Concen: 37.79 ng

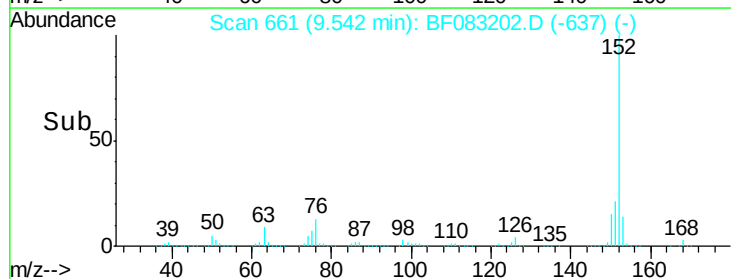
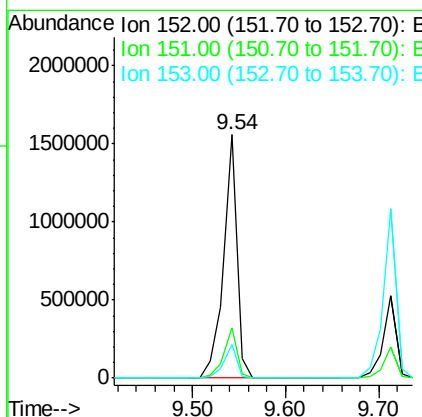
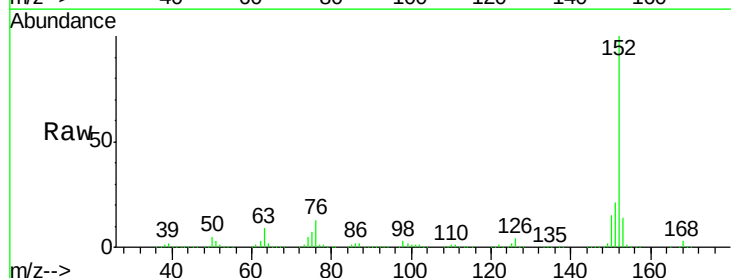
RT: 9.54 min Scan# 661

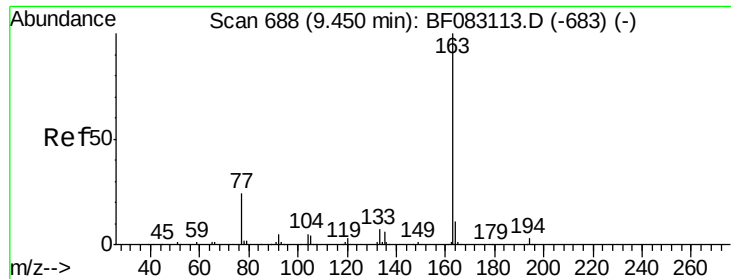
Delta R.T. -0.02 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	13.7	10.8	16.2





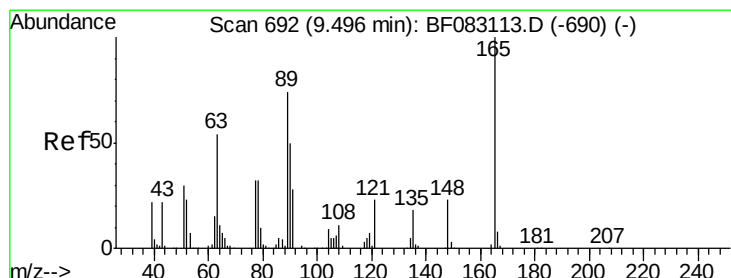
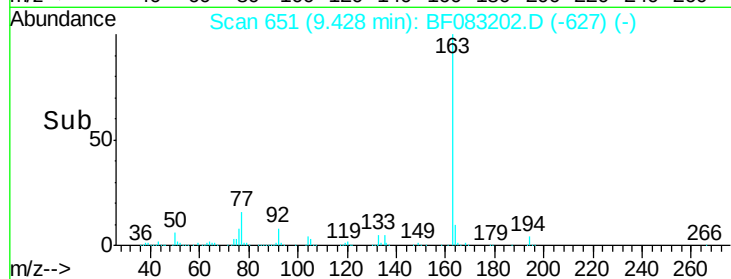
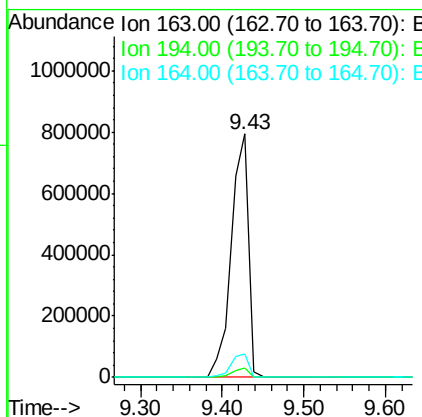
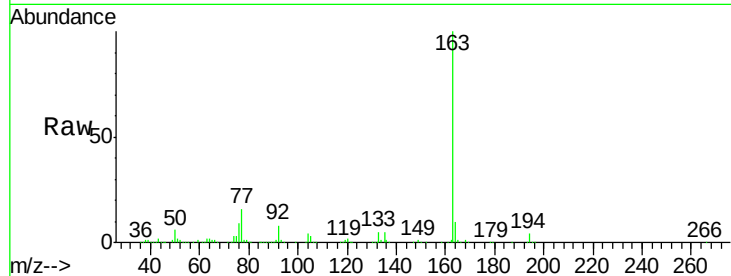
#49
Dimethylphthalate
Concen: 38.11 ng
RT: 9.43 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

Instrument :
BNA_F
ClientSampleId :
PB86620BSD

Tgt Ion:163 Resp: 1163305
Ion Ratio Lower Upper
163 100
194 3.8 2.6 4.0
164 9.8 8.6 12.8

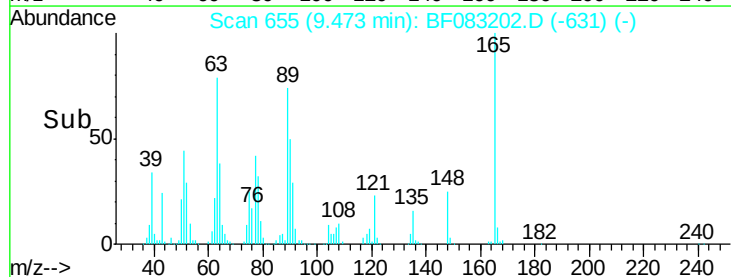
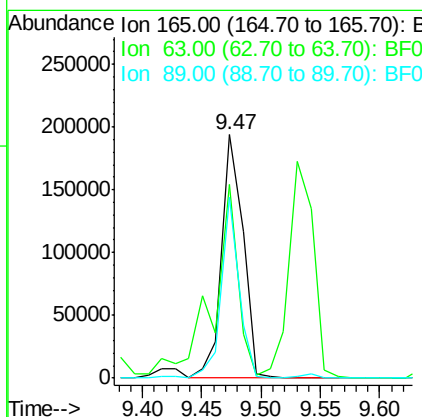
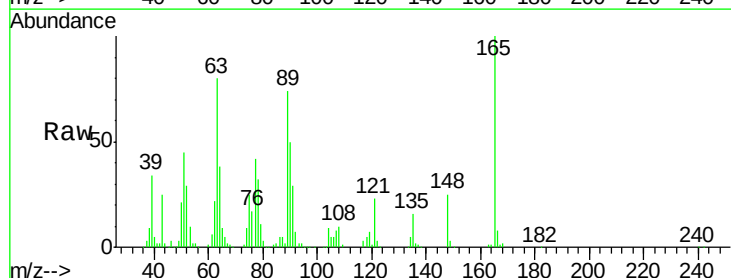
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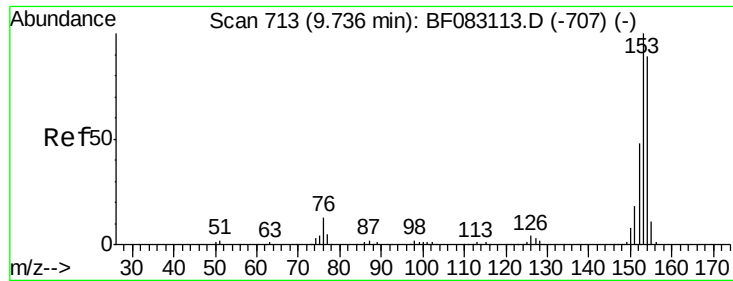
Mmdadoda
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#50
2,6-Dinitrotoluene
Concen: 35.33 ng
RT: 9.47 min Scan# 655
Delta R.T. -0.02 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

Tgt Ion:165 Resp: 241962
Ion Ratio Lower Upper
165 100
63 79.6 62.5 93.7
89 74.5 59.1 88.7





#51

Acenaphthene

Concen: 38.04 ng

RT: 9.71 min Scan# 676

Delta R.T. -0.02 min

Lab File: BF083202.D

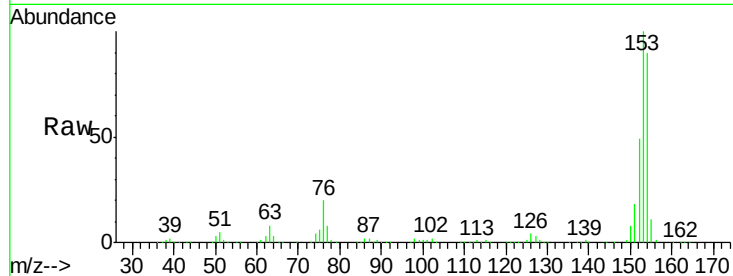
Acq: 23 Nov 2015 14:08

Instrument :

BNA_F

ClientSampleId :

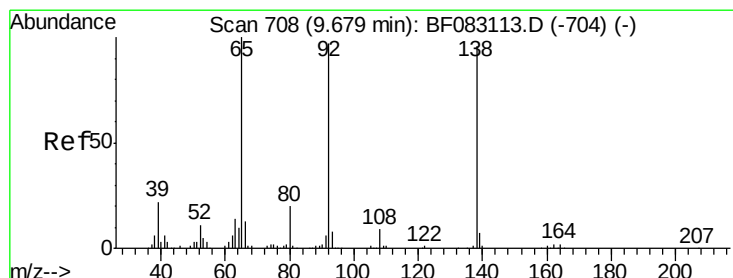
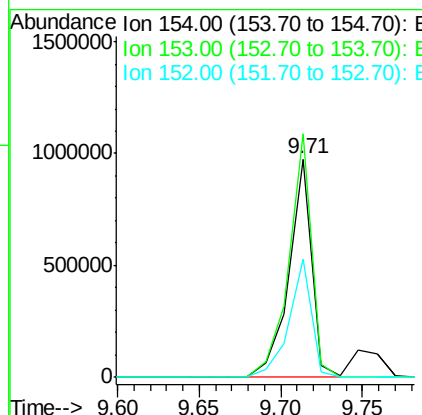
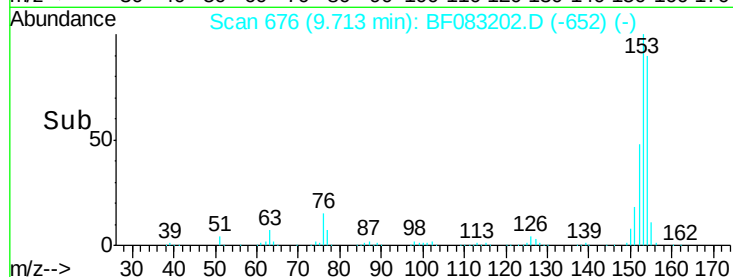
PB86620BSD



Tgt Ion:	154	Resp:	950772
Ion Ratio	Lower	Upper	
154	100		
153	111.5	89.6	134.4
152	54.1	43.3	64.9

Manual Integrations
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#52

3-Nitroaniline

Concen: 21.58 ng

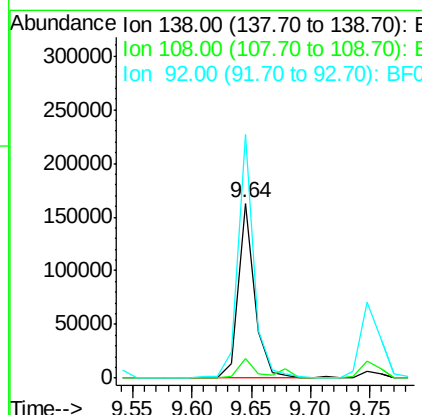
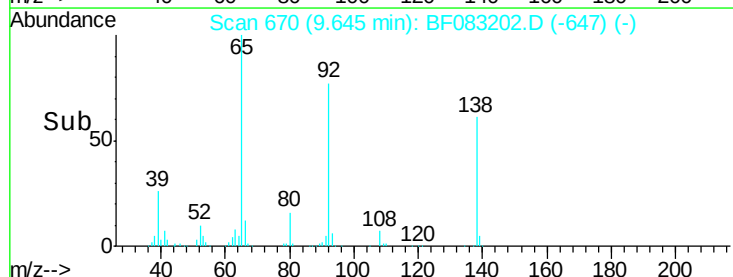
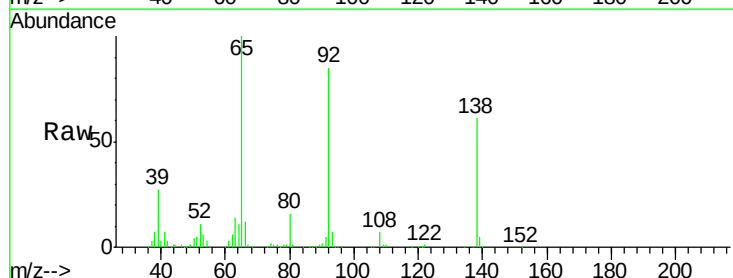
RT: 9.64 min Scan# 670

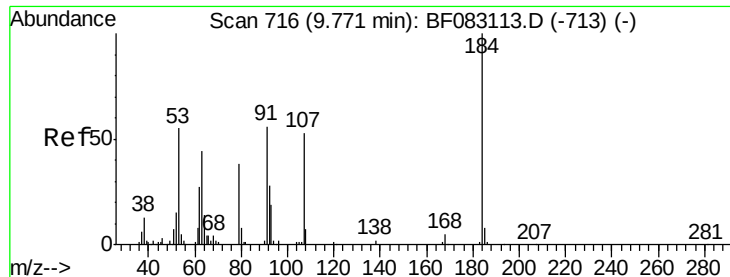
Delta R.T. -0.03 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

Tgt Ion:	138	Resp:	157583
Ion Ratio	Lower	Upper	
138	100		
108	11.0	7.8	11.6
92	139.5	81.1	121.7#





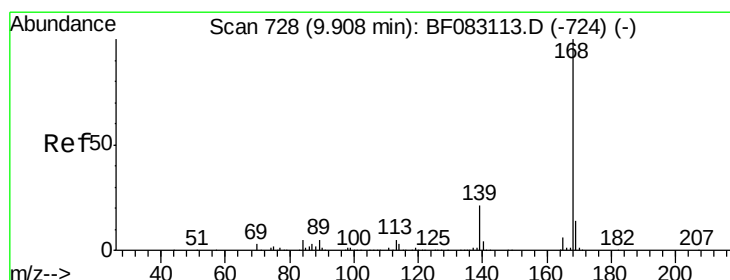
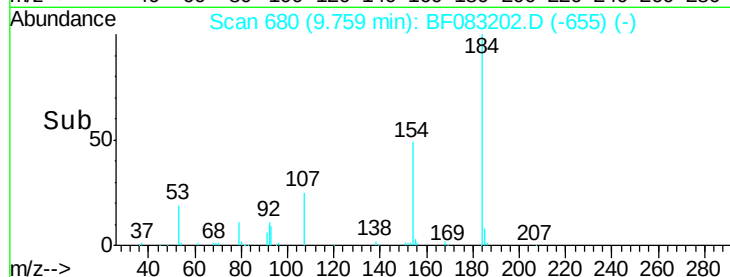
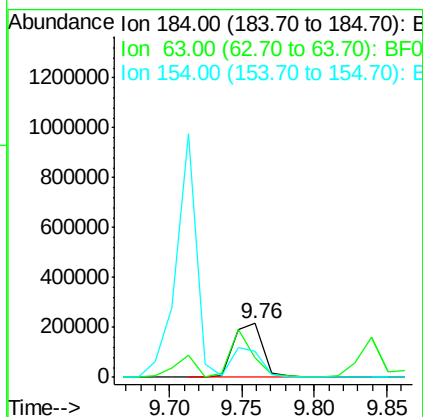
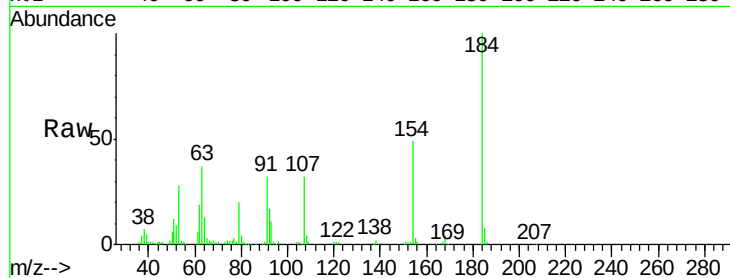
#53
2,4-Dinitrophenol
Concen: 77.72 ng
RT: 9.76 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

Instrument :
BNA_F
ClientSampleId :
PB86620BSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	306641		
63	37.4	60.5	90.7#	
154	49.1	54.3	81.5#	

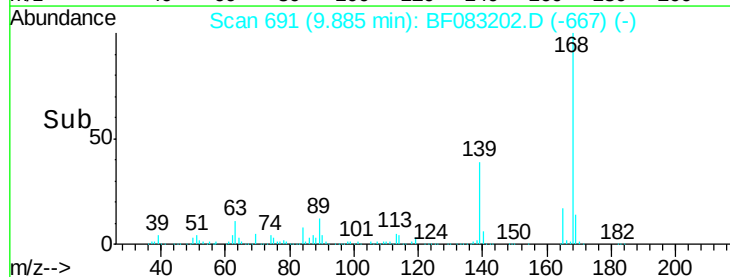
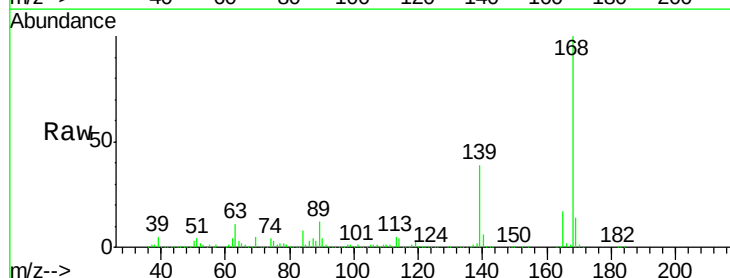
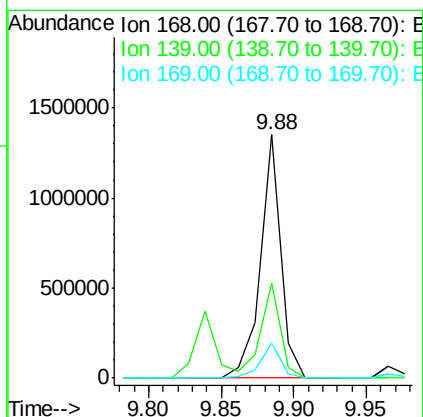
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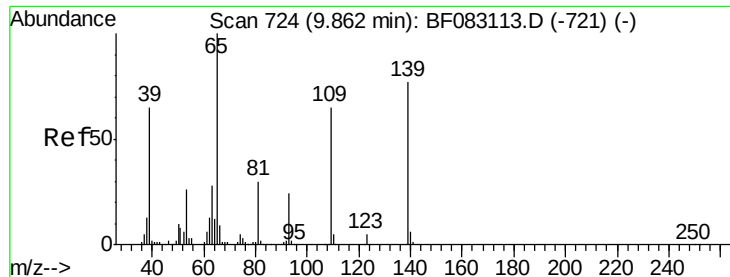
Mmdadoda
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#54
Dibenzofuran
Concen: 37.29 ng
RT: 9.88 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1318004		
139	38.9	30.2	45.2	
169	14.4	10.9	16.3	





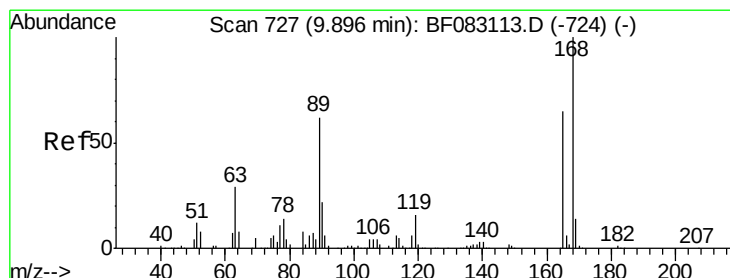
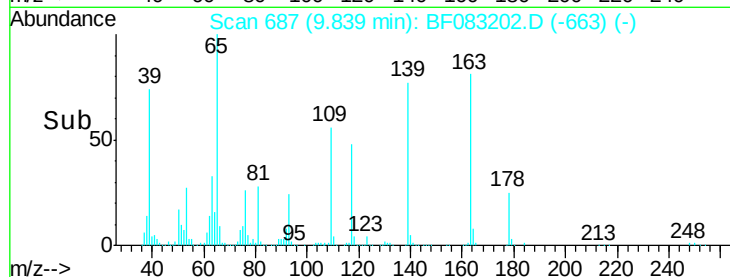
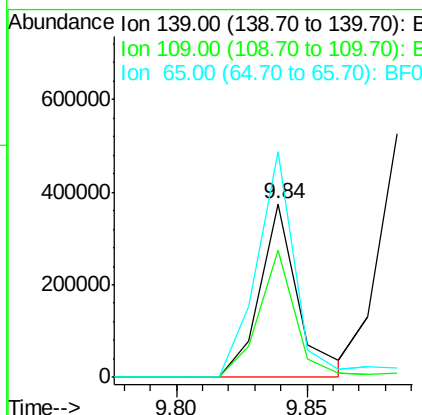
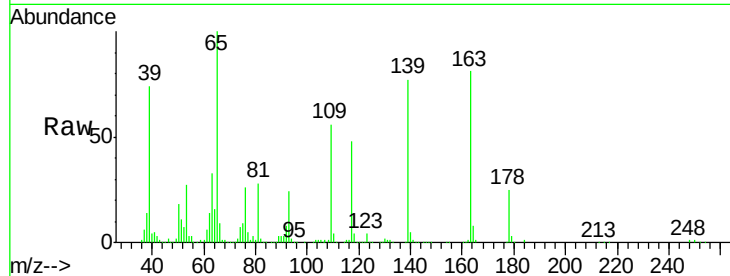
#55
4-Nitrophenol
Concen: 69.01 ng
RT: 9.84 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

Instrument :
BNA_F
ClientSampleId :
PB86620BSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	73.0	64.0	104.0	
65	130.0	109.5	149.5	

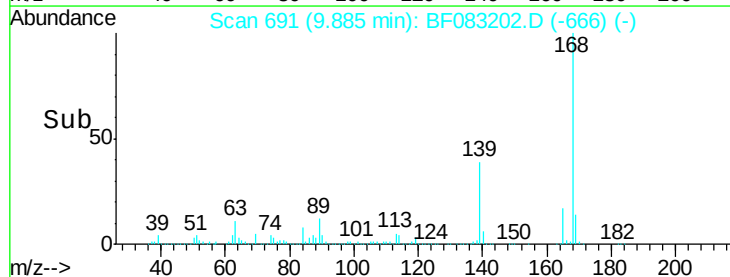
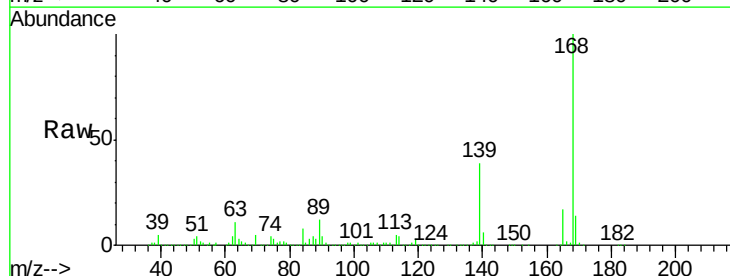
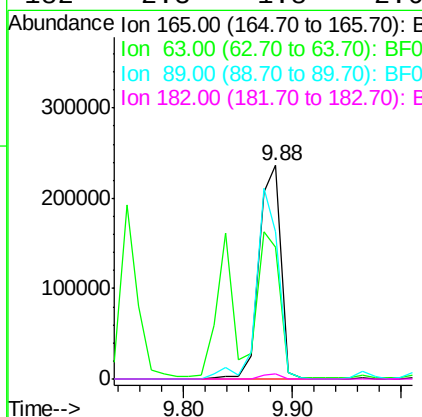
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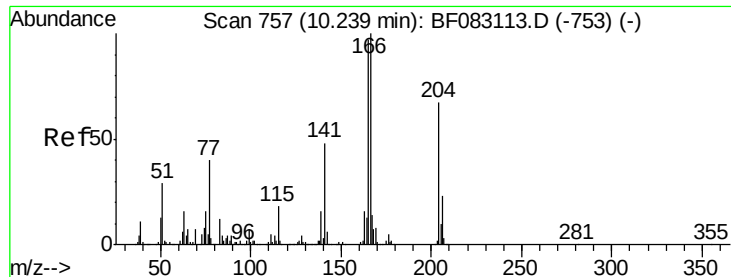
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#56
2,4-Dinitrotoluene
Concen: 38.33 ng
RT: 9.88 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	61.7	54.5	81.7	
89	68.7	77.3	115.9	
182	2.3	1.8	2.6	





#57

Fluorene

Concen: 38.20 ng

RT: 10.23 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

Instrument :

BNA_F

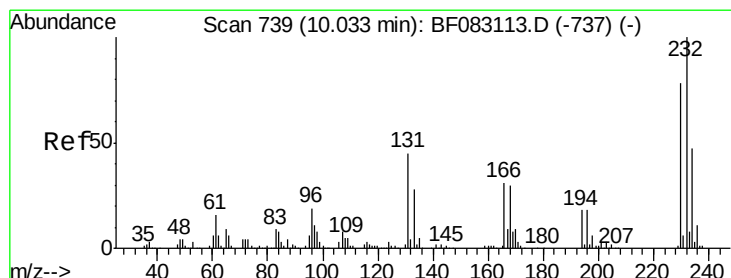
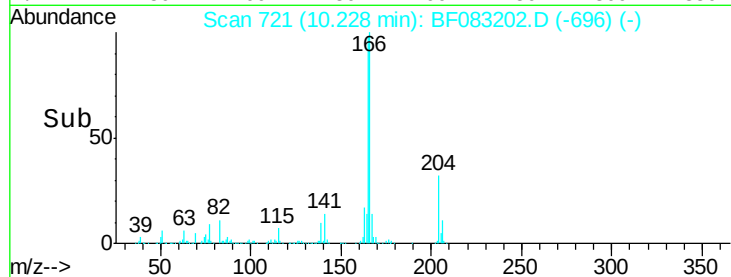
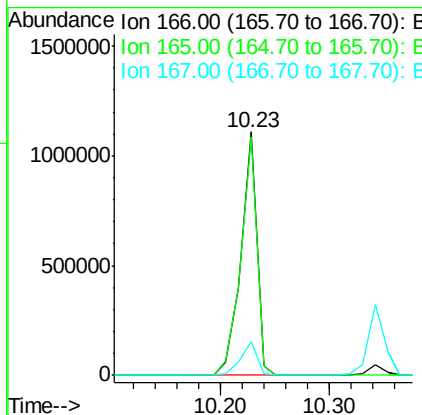
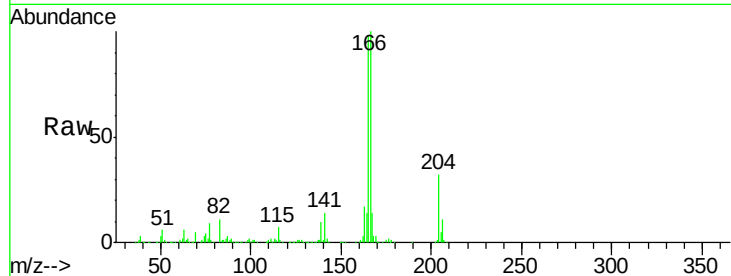
ClientSampleId :

PB86620BSD

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Tgt Ion:	166	Resp:	1115853
Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.0	117.0
167	13.8	11.3	16.9



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.02 ng

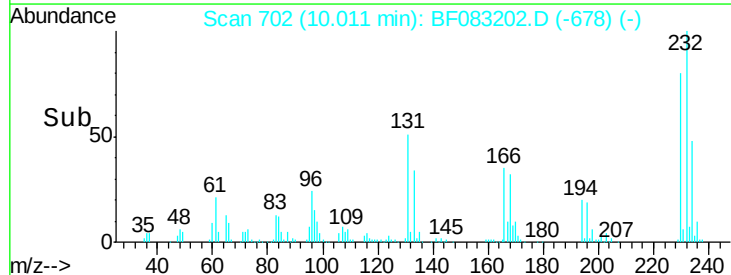
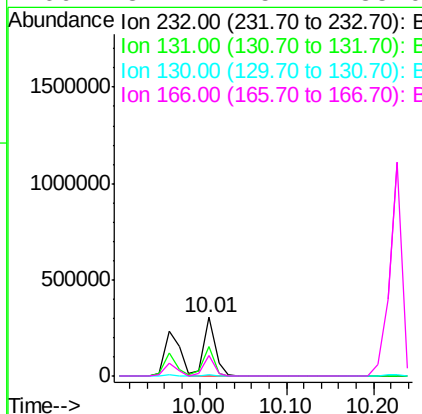
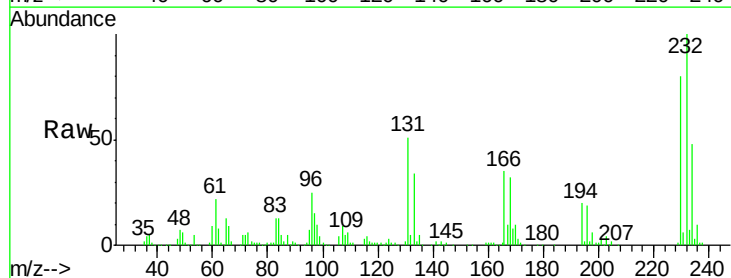
RT: 10.01 min Scan# 702

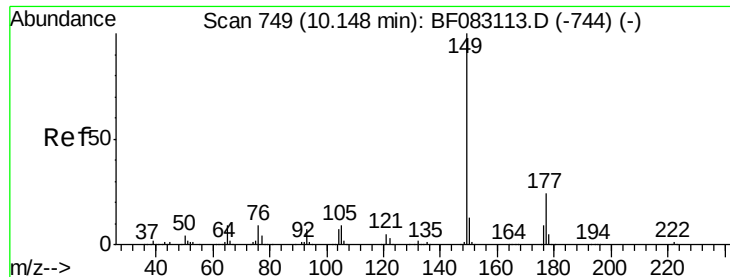
Delta R.T. -0.02 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

Tgt Ion:	232	Resp:	285745
Ion	Ratio	Lower	Upper
232	100		
131	48.7	38.6	57.8
130	2.3	1.9	2.9
166	32.7	25.4	38.0





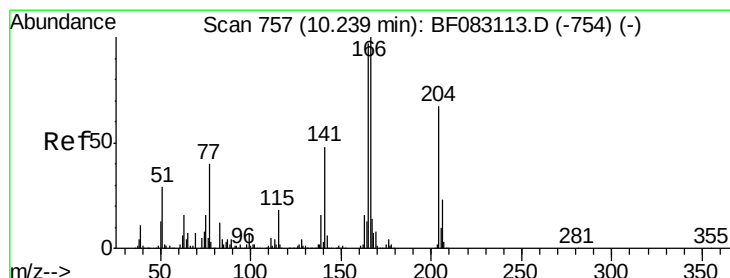
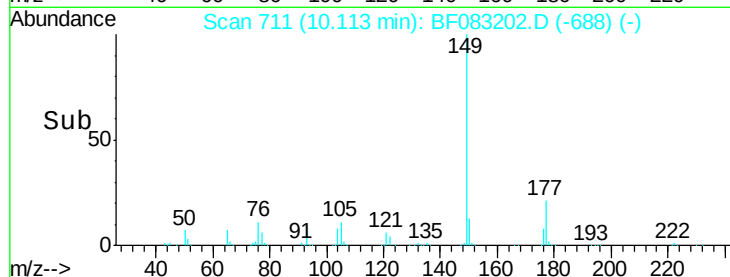
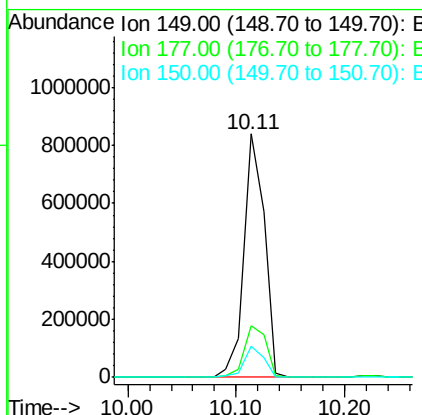
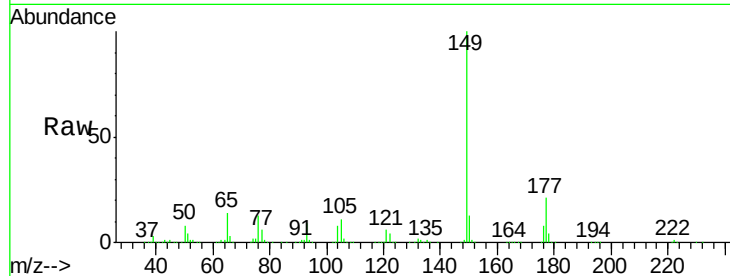
#59
Diethylphthalate
Concen: 35.92 ng
RT: 10.11 min Scan# 711
Delta R.T. -0.03 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

Instrument :
BNA_F
ClientSampleId :
PB86620BSD

Tgt Ion:149 Resp: 1091398
Ion Ratio Lower Upper
149 100
177 21.1 19.4 29.2
150 13.0 10.2 15.2

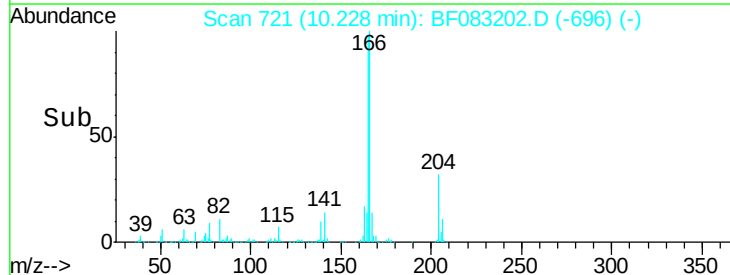
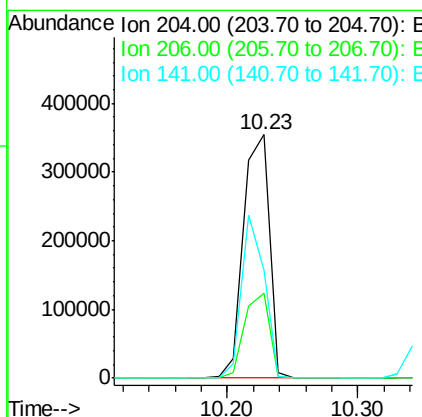
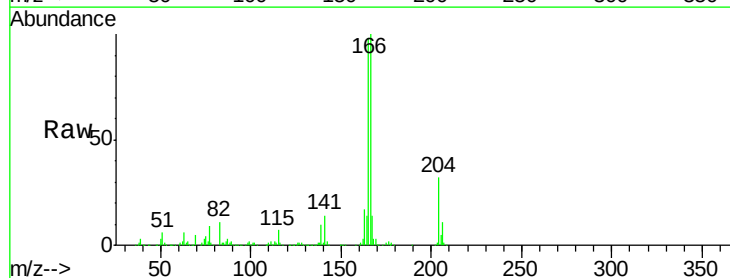
Manual Integrations
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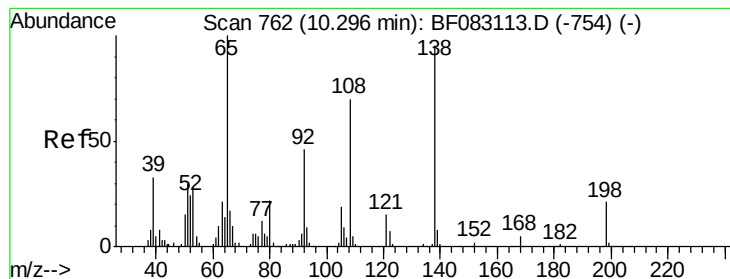
Mmdadoda
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#60
4-Chlorophenyl-phenylether
Concen: 36.45 ng
RT: 10.23 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

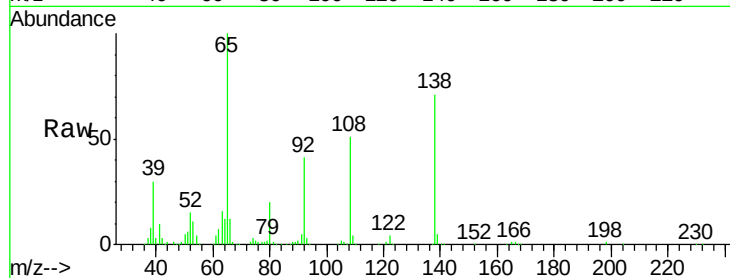
Tgt Ion:204 Resp: 487615
Ion Ratio Lower Upper
204 100
206 34.9 27.4 41.0
141 44.5 57.4 86.2#





#61
4-Nitroaniline
Concen: 34.59 ng
RT: 10.26 min Scan# 724
Delta R.T. -0.03 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

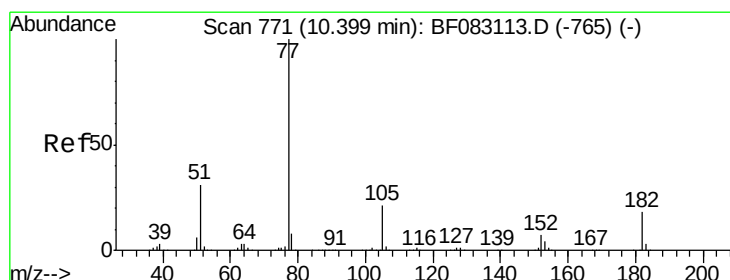
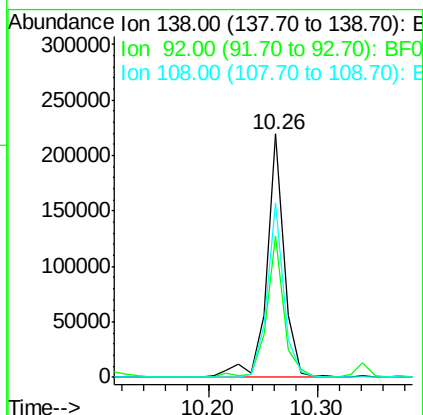
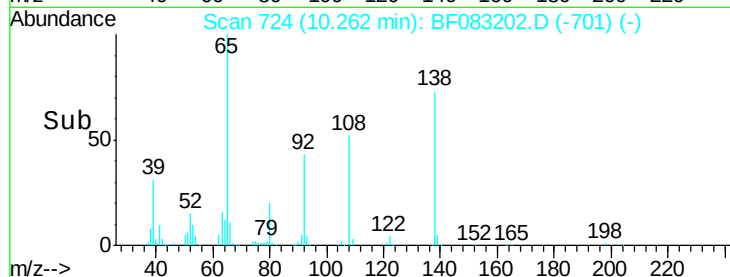
Instrument :
BNA_F
ClientSampleId :
PB86620BSD



Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.0	28.4	68.4
108	71.8	53.5	93.5

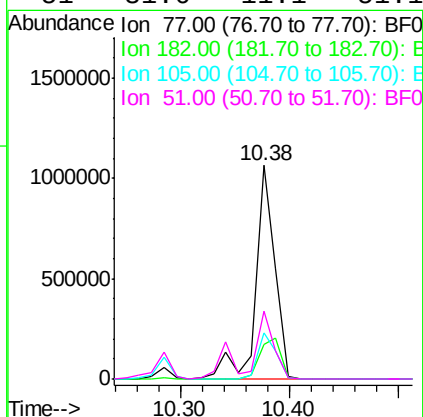
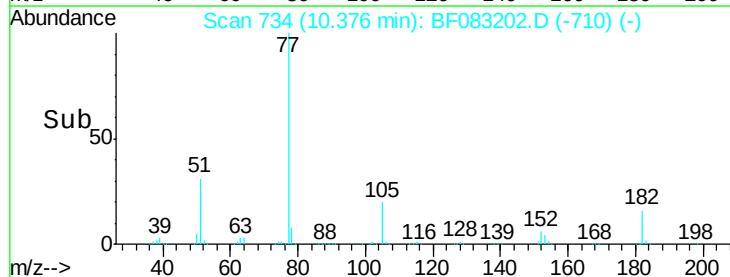
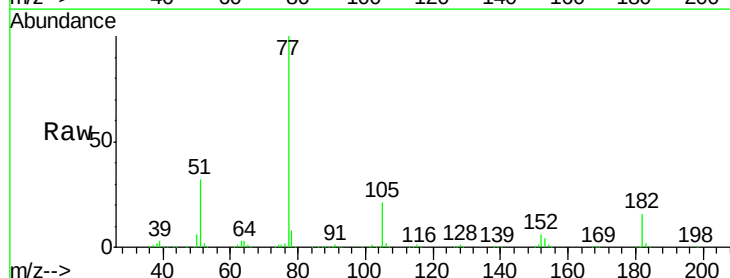
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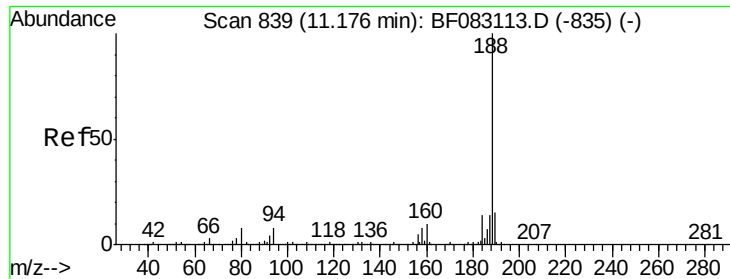
Mmdadoda
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#62
Azobenzene
Concen: 38.33 ng
RT: 10.38 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

Tgt Ion	Ratio	Lower	Upper
77	100		
182	16.2	0.0	38.3
105	21.4	1.2	41.2
51	31.6	11.1	51.1





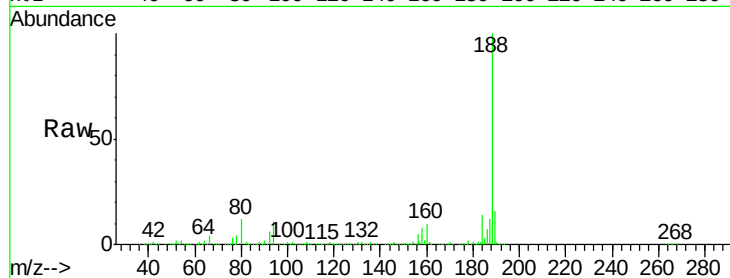
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

Instrument :
BNA_F
ClientSampleId :
PB86620BSD

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	731707		
94	10.8	6.0	9.0#	
80	12.0	6.7	10.1#	

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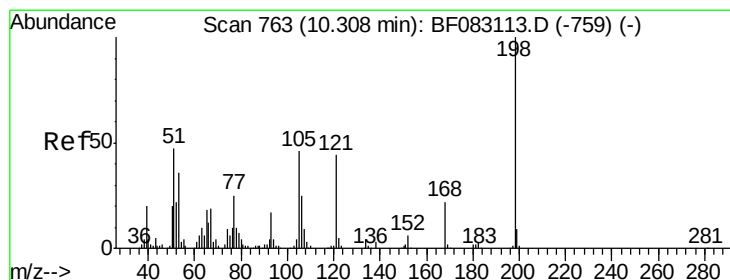
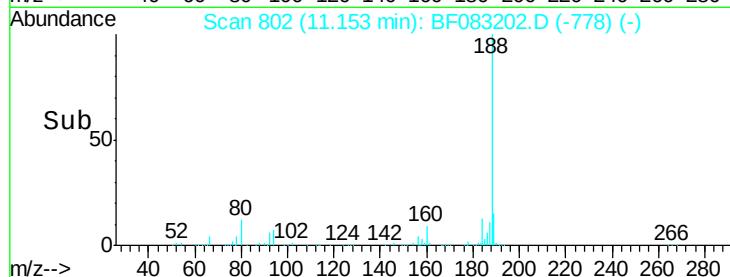
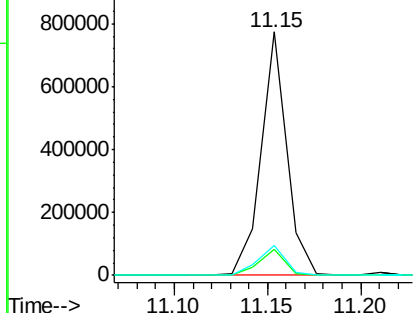
Mmdadoda
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Abundance Ion 188.00 (187.70 to 188.70): E

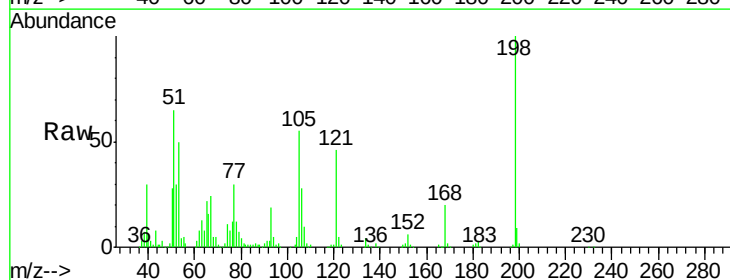
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64
4,6-Dinitro-2-methylphenol
Concen: 39.47 ng
RT: 10.28 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

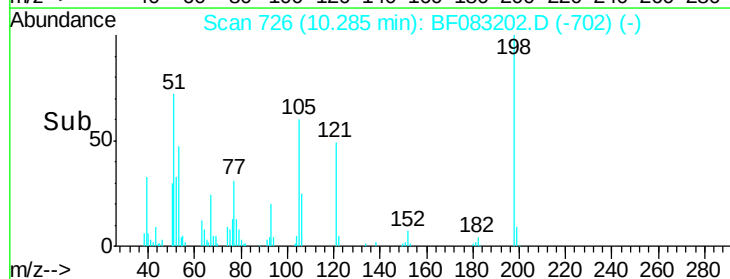
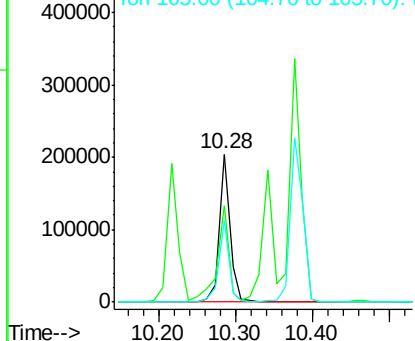
Tgt Ion	Ratio	Resp	Lower	Upper
198	100	199010		
51	65.4	27.0	67.0	
105	54.6	26.1	66.1	

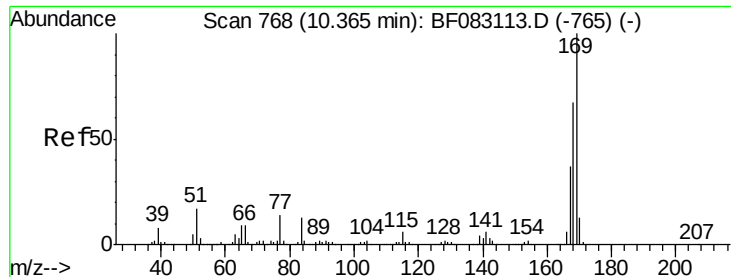


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 36.09 ng

RT: 10.34 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF083202.D

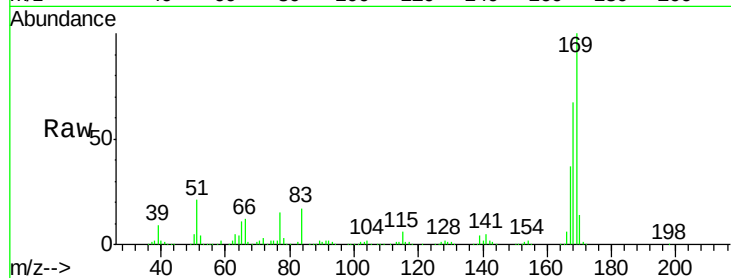
Acq: 23 Nov 2015 14:08

Instrument :

BNA_F

ClientSampleId :

PB86620BSD



Tgt Ion:169 Resp: 898035

Ion Ratio Lower Upper

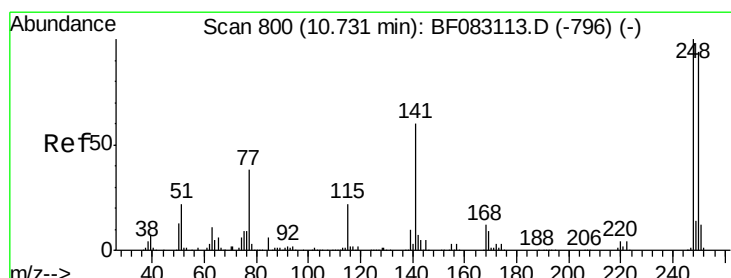
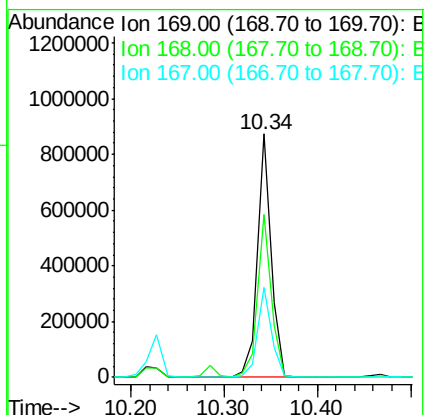
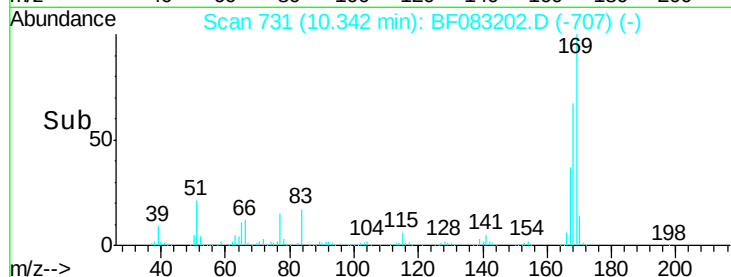
169 100

168 66.8 53.8 80.6

167 37.2 29.8 44.8

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#66

4-Bromophenyl-phenylether

Concen: 38.46 ng

RT: 10.71 min Scan# 763

Delta R.T. -0.02 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

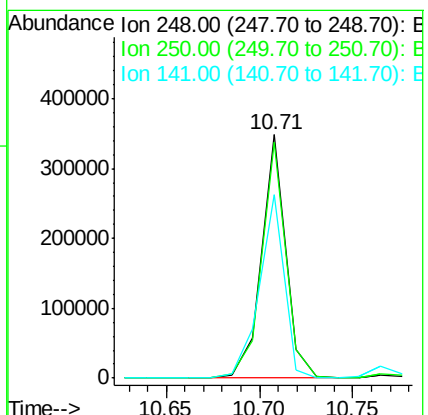
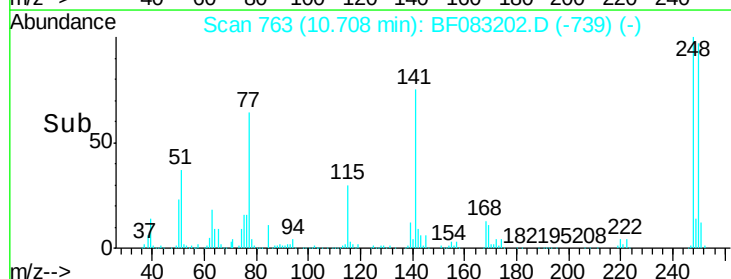
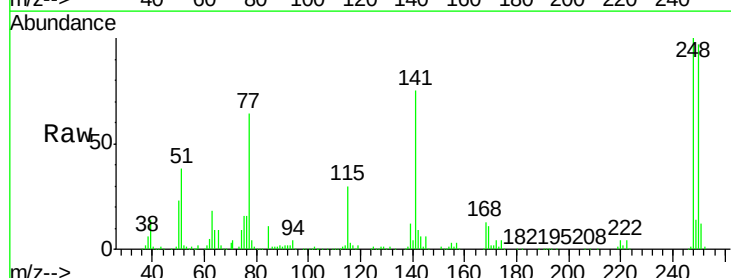
Tgt Ion:248 Resp: 312261

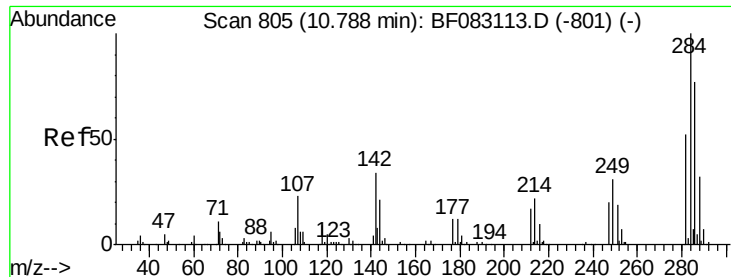
Ion Ratio Lower Upper

248 100

250 96.8 75.4 113.2

141 75.1 48.1 72.1#





#67

Hexachlorobenzene

Concen: 37.67 ng

RT: 10.78 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

Instrument :

BNA_F

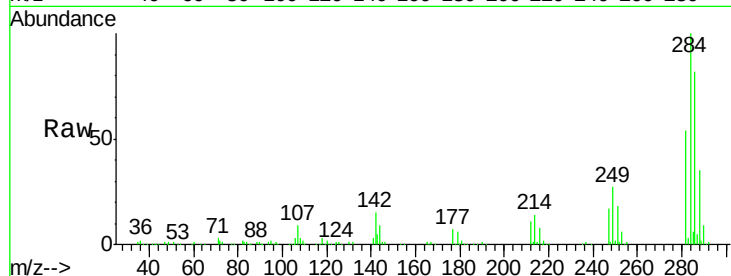
ClientSampleId :

PB86620BSD

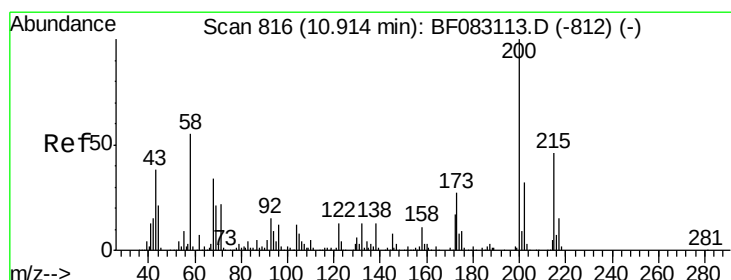
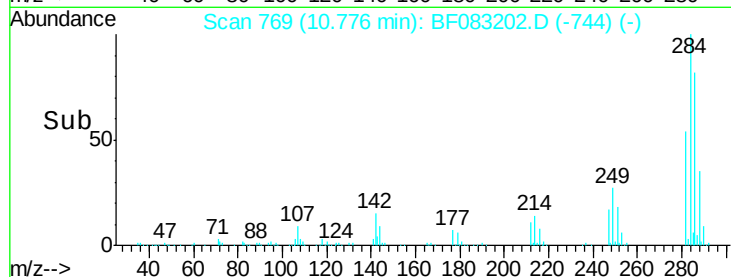
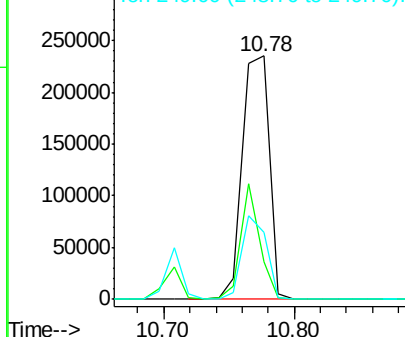
Tgt Ion:	284	Resp:	336803
Ion Ratio	Lower	Upper	
284	100		
142	15.5	27.6	41.4#
249	27.3	25.5	38.3

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



#68

Atrazine

Concen: 39.57 ng

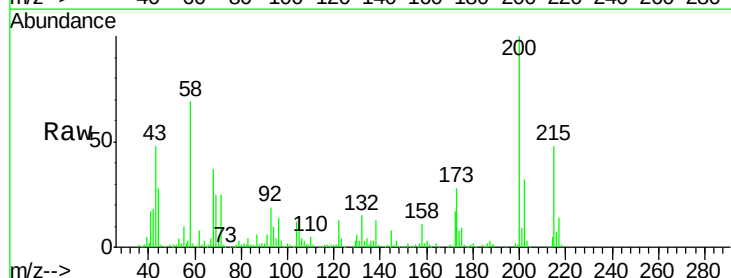
RT: 10.88 min Scan# 778

Delta R.T. -0.03 min

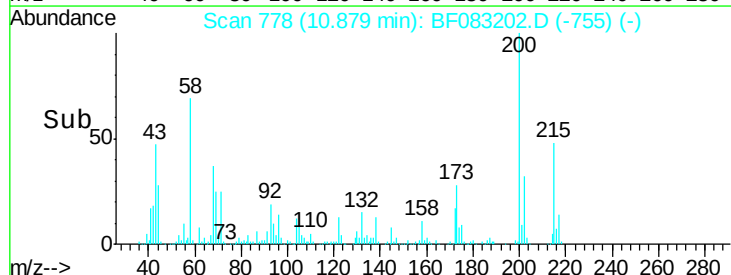
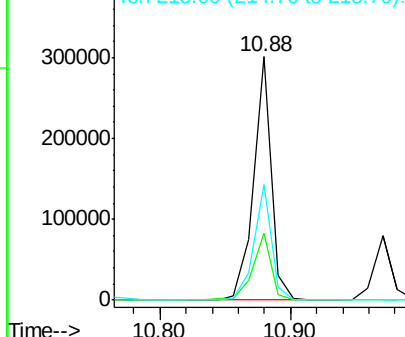
Lab File: BF083202.D

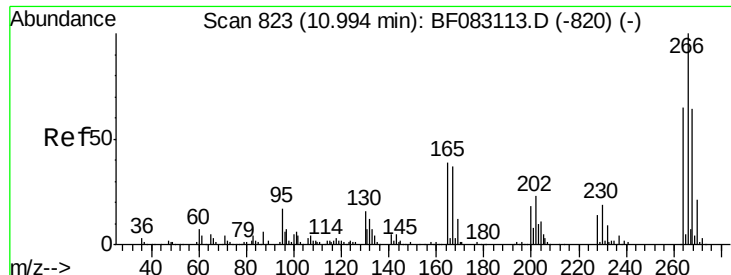
Acq: 23 Nov 2015 14:08

Tgt Ion:	200	Resp:	285979
Ion Ratio	Lower	Upper	
200	100		
173	27.7	7.2	47.2
215	47.5	25.7	65.7



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





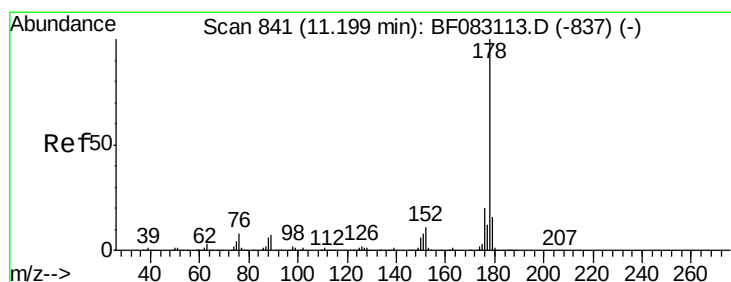
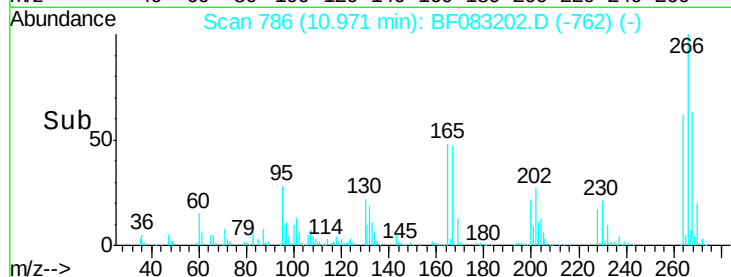
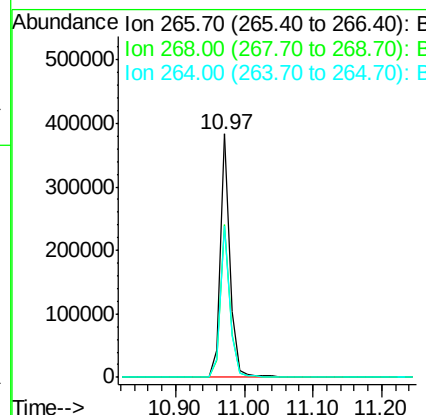
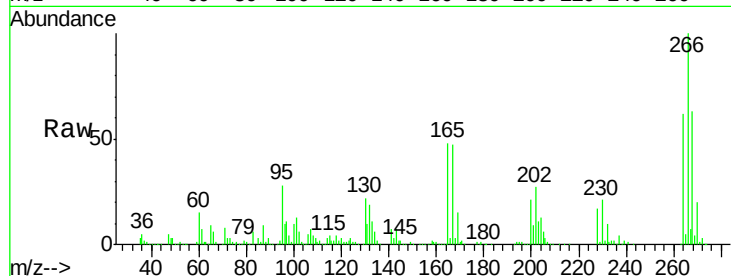
#69
 Pentachlorophenol
 Concen: 66.47 ng
 RT: 10.97 min Scan# 786
 Delta R.T. -0.02 min
 Lab File: BF083202.D
 Acq: 23 Nov 2015 14:08

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	387143		
268	62.7	51.4	77.0	
264	62.4	51.7	77.5	

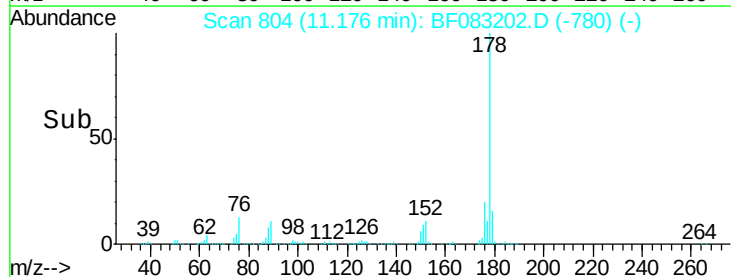
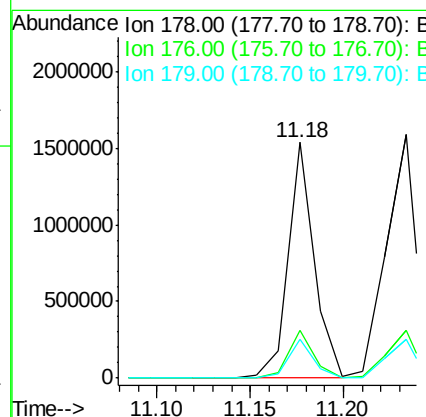
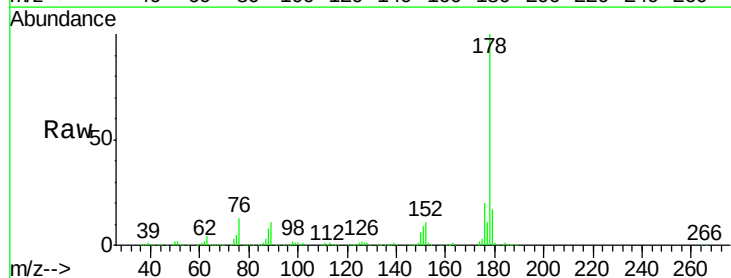
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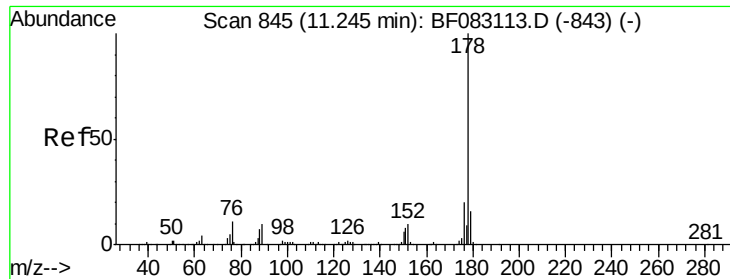
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#70
 Phenanthrene
 Concen: 35.66 ng
 RT: 11.18 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF083202.D
 Acq: 23 Nov 2015 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1503269		
176	20.2	16.2	24.2	
179	16.5	12.8	19.2	





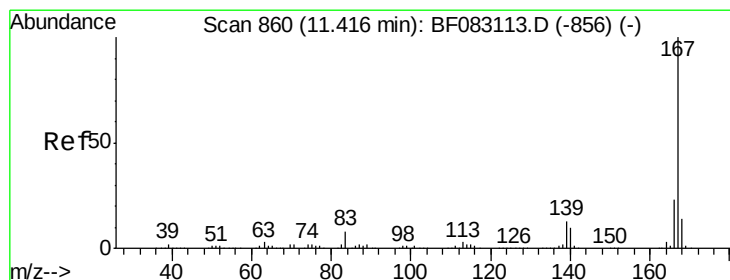
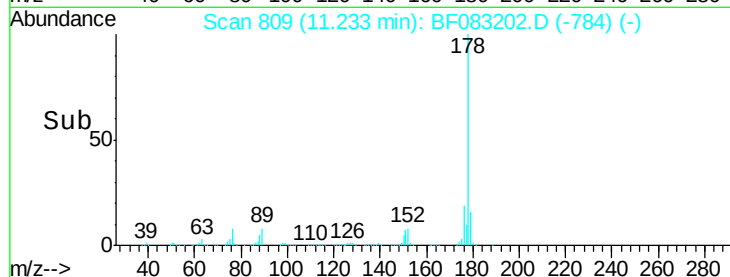
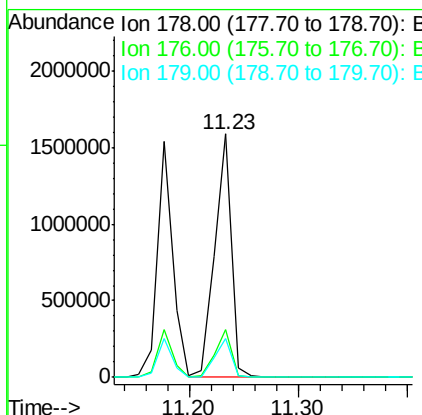
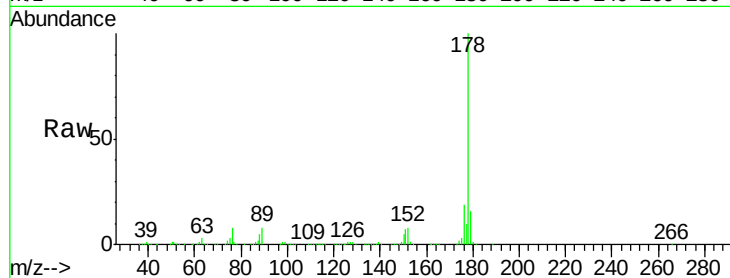
#71
 Anthracene
 Concen: 39.72 ng
 RT: 11.23 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF083202.D
 Acq: 23 Nov 2015 14:08

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BSD

Tgt Ion:178 Resp: 1708336
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.6 23.4
 179 16.1 13.2 19.8

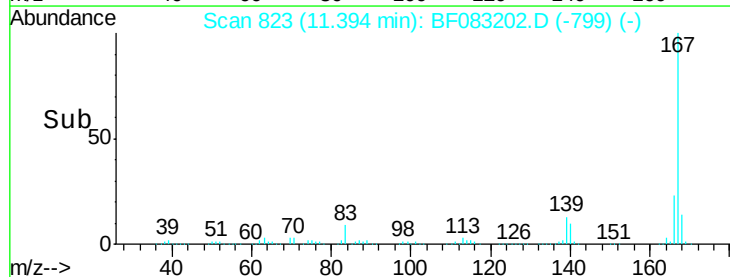
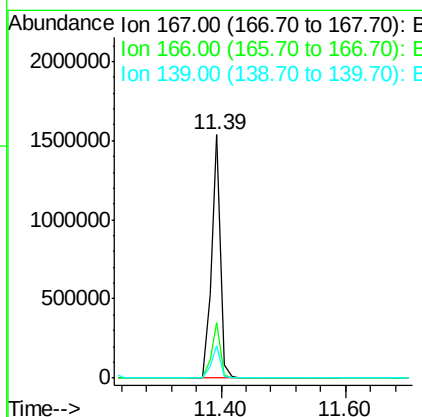
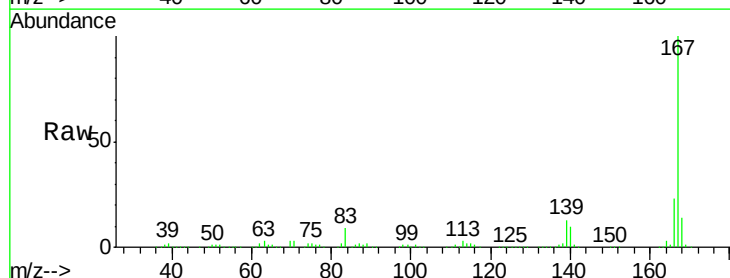
Manual Integrations
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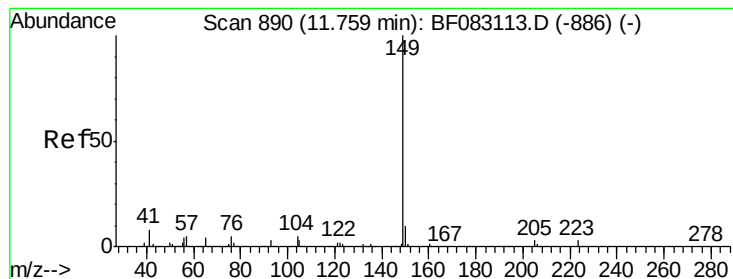
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#72
 Carbazole
 Concen: 39.20 ng
 RT: 11.39 min Scan# 823
 Delta R.T. -0.02 min
 Lab File: BF083202.D
 Acq: 23 Nov 2015 14:08

Tgt Ion:167 Resp: 1498451
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.0 27.0
 139 13.1 10.5 15.7





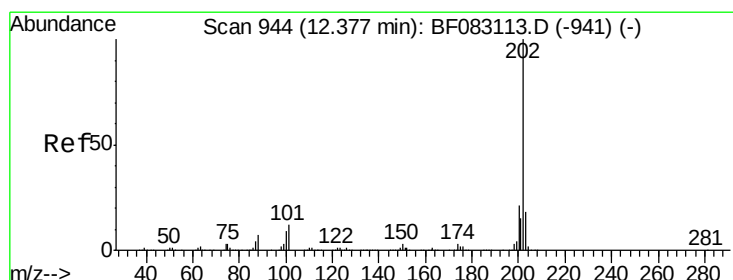
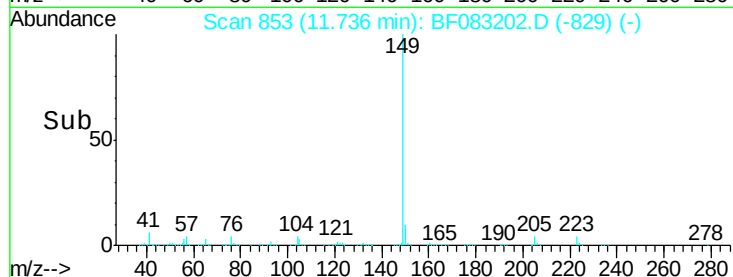
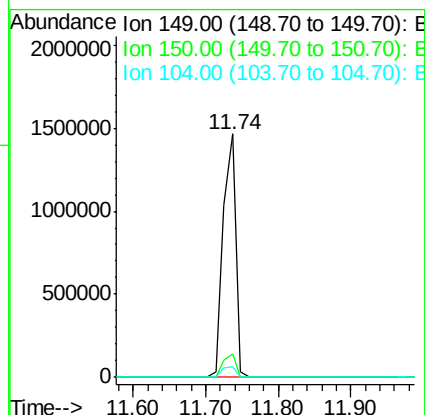
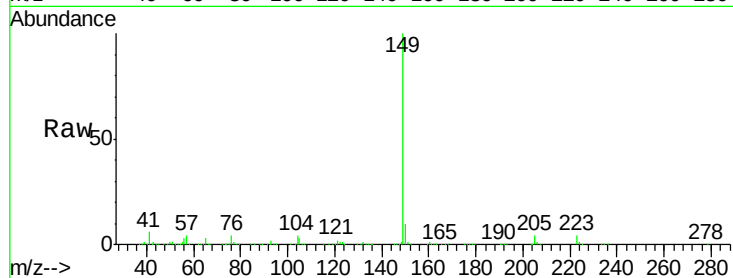
#73
Di-n-butylphthalate
Concen: 37.88 ng
RT: 11.74 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

Instrument :
BNA_F
ClientSampleId :
PB86620BSD

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.0	12.0
104	4.2	4.4	6.6

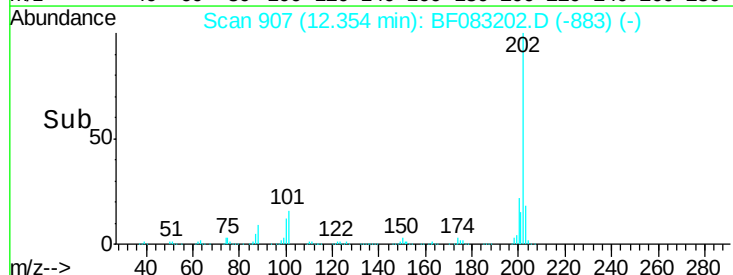
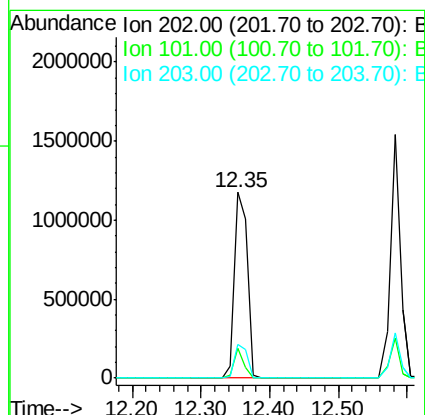
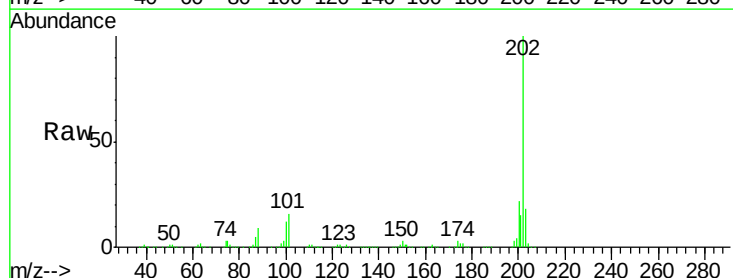
Manual Integrations
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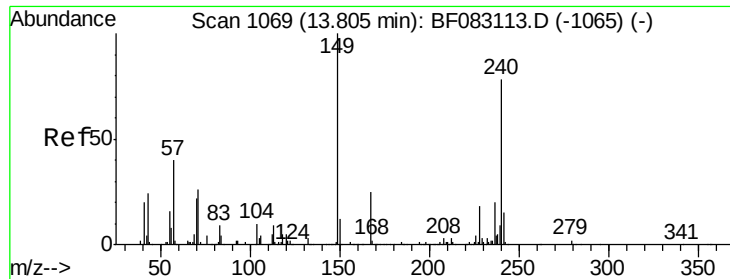
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#74
Fluoranthene
Concen: 36.55 ng
RT: 12.35 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.4	0.0	32.3
203	18.4	0.0	38.4





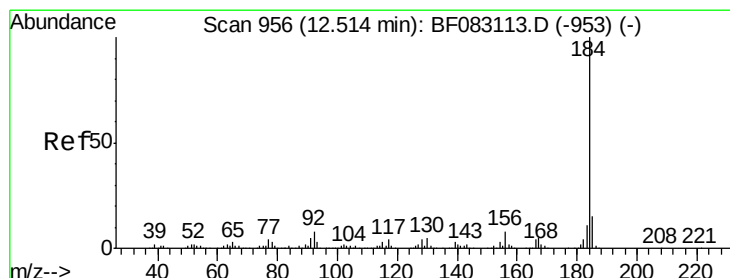
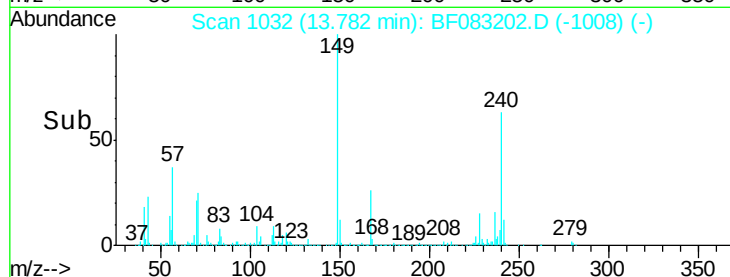
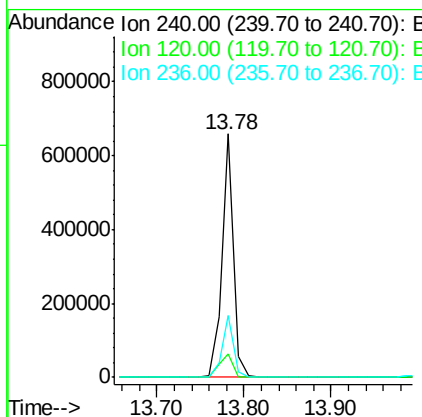
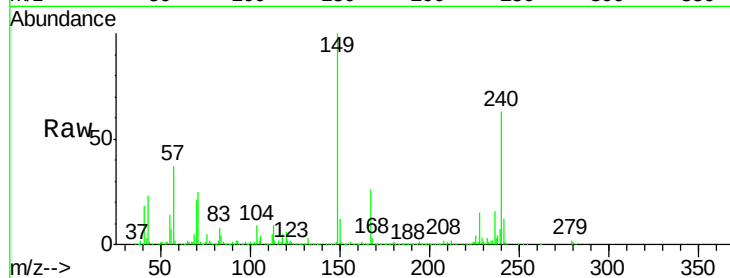
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

Instrument :
BNA_F
ClientSampleId :
PB86620BSD

Tgt Ion:240 Resp: 610649
Ion Ratio Lower Upper
240 100
120 9.6 5.4 8.2#
236 25.5 20.6 31.0

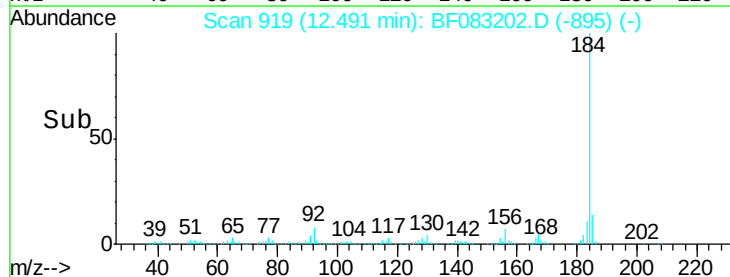
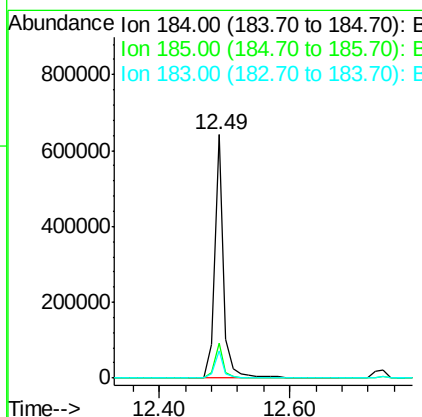
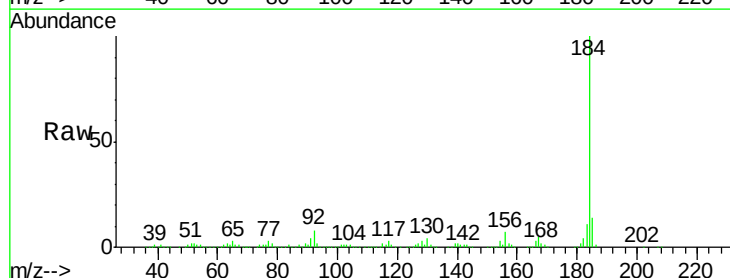
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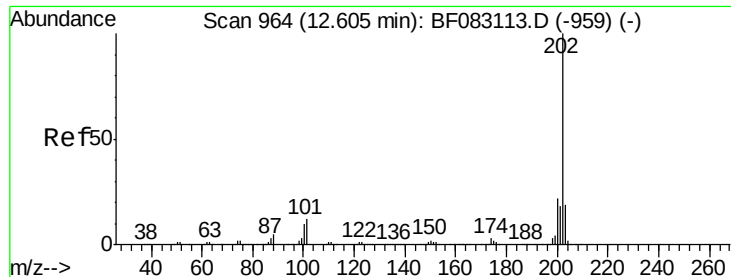
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#76
Benzidine
Concen: 38.82 ng
RT: 12.49 min Scan# 919
Delta R.T. -0.02 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

Tgt Ion:184 Resp: 621301
Ion Ratio Lower Upper
184 100
185 14.4 11.7 17.5
183 11.1 8.8 13.2





#77

Pyrene

Concen: 37.67 ng

RT: 12.58 min Scan# 927

Delta R.T. -0.02 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

Instrument :

BNA_F

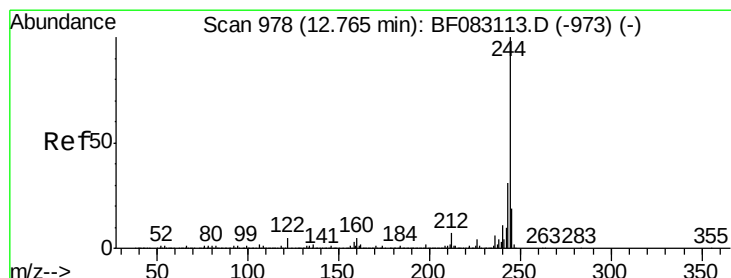
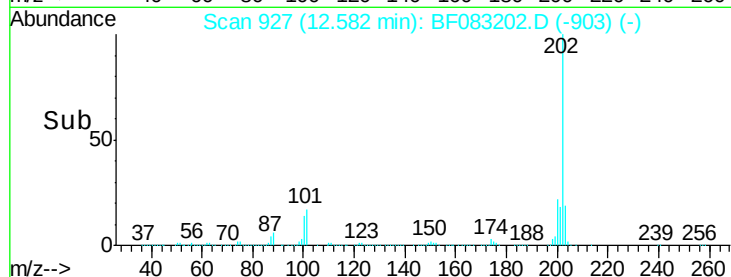
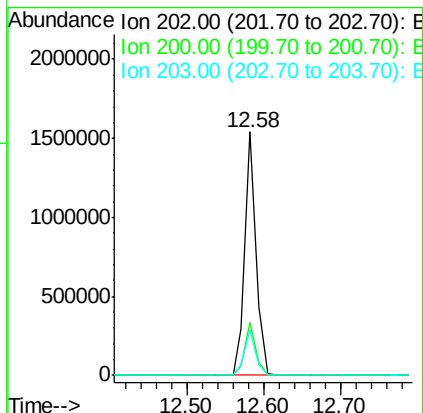
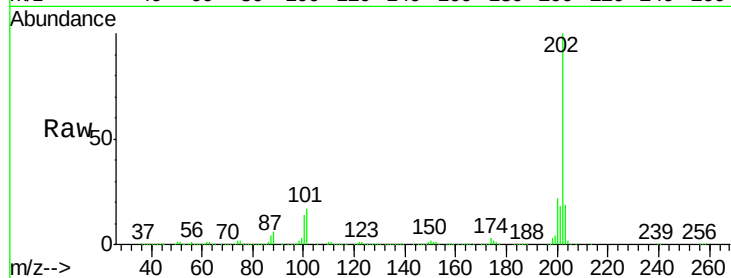
ClientSampleId :

PB86620BSD

Tgt Ion:	202	Resp:	1571632
Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.8	26.6
203	18.6	15.0	22.4

Manual Integrations
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#78

Terphenyl-d14

Concen: 76.75 ng

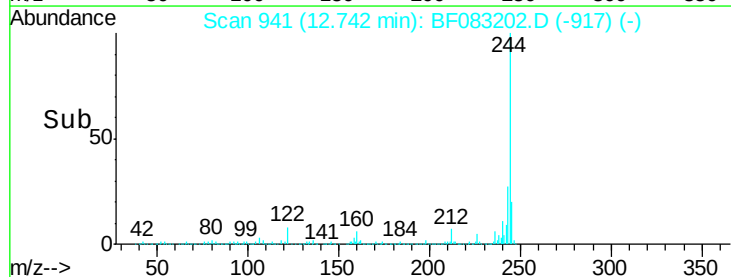
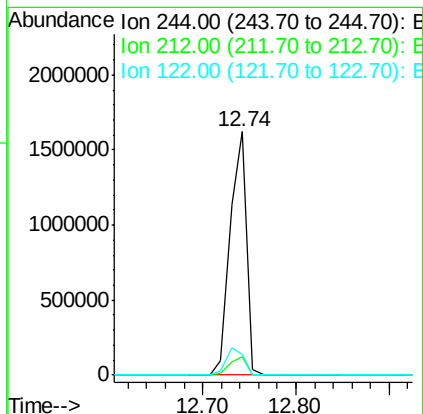
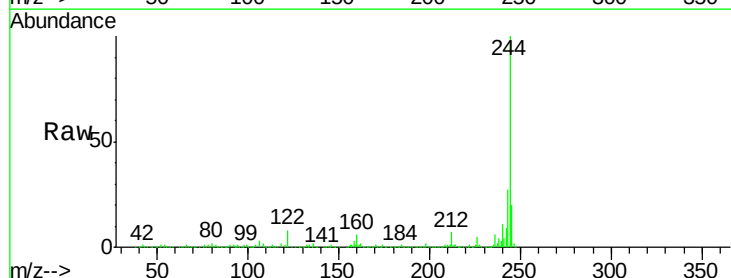
RT: 12.74 min Scan# 941

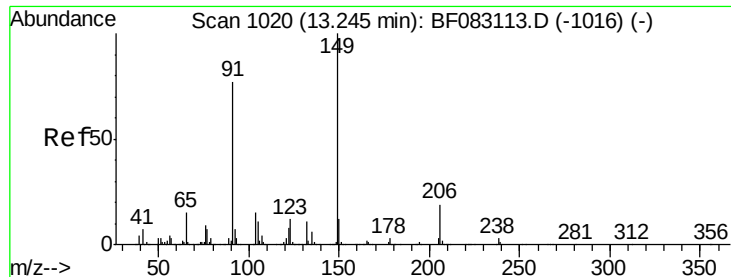
Delta R.T. -0.02 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

Tgt Ion:	244	Resp:	1990355
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.2
122	8.4	4.3	6.5#





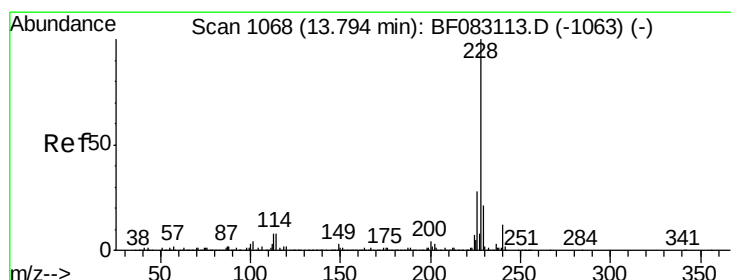
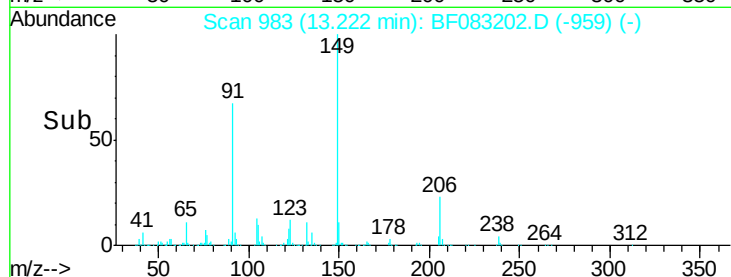
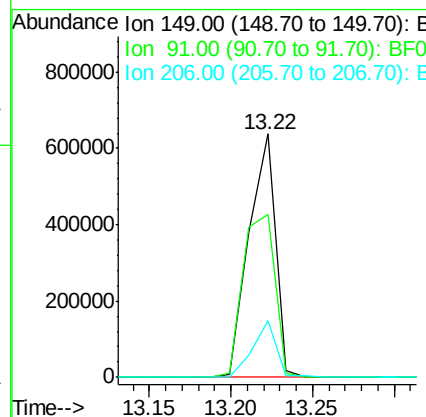
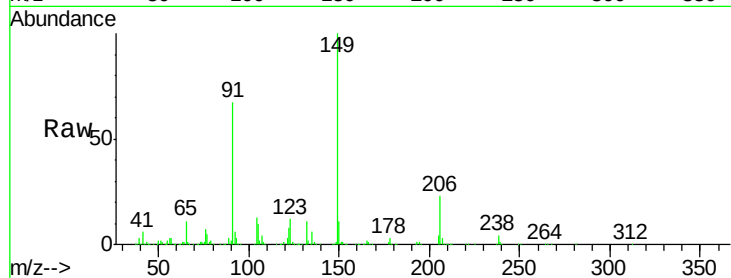
#79
Butylbenzylphthalate
Concen: 36.39 ng
RT: 13.22 min Scan# 983
Delta R.T. -0.02 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

Instrument :
BNA_F
ClientSampleId :
PB86620BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	67.0	61.5	92.3
206	23.3	15.3	22.9

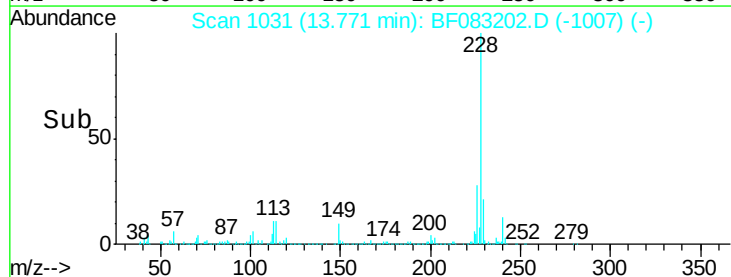
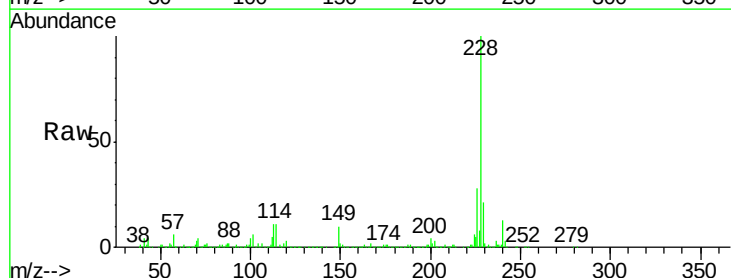
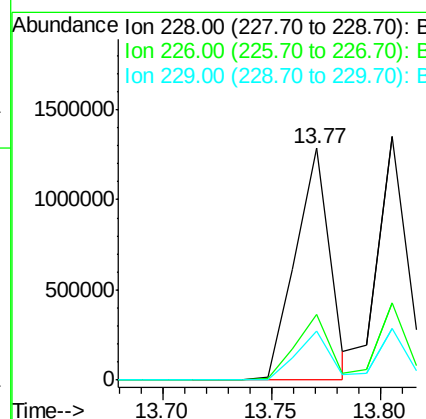
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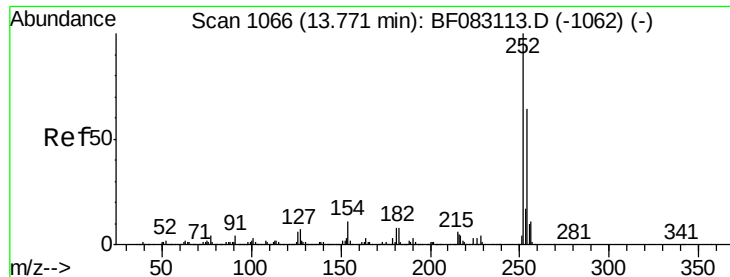
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#80
Benzo(a)anthracene
Concen: 37.78 ng
RT: 13.77 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.5	22.6	33.8
229	21.1	16.6	24.8





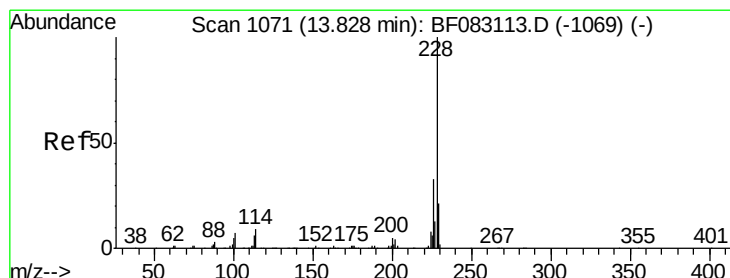
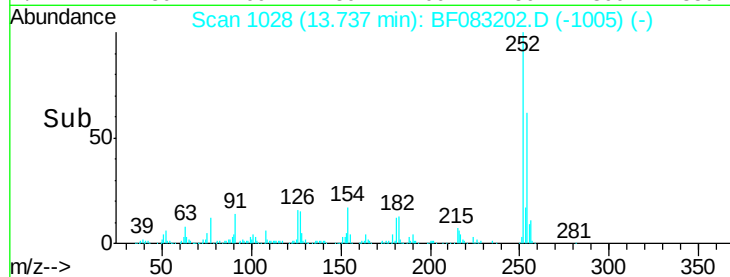
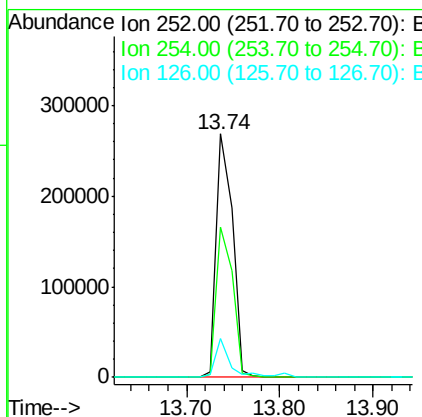
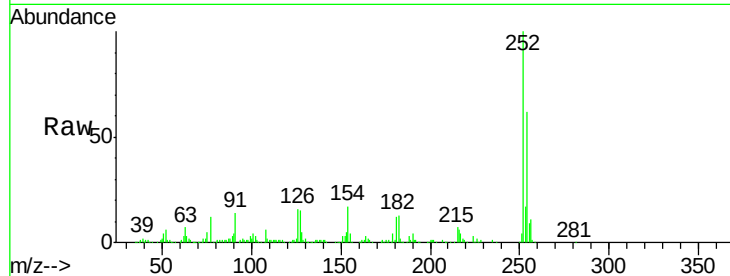
#81
 3,3'-Dichlorobenzidine
 Concen: 24.81 ng
 RT: 13.74 min Scan# 1028
 Delta R.T. -0.03 min
 Lab File: BF083202.D
 Acq: 23 Nov 2015 14:08

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.6	51.5	77.3
126	15.9	5.2	7.8

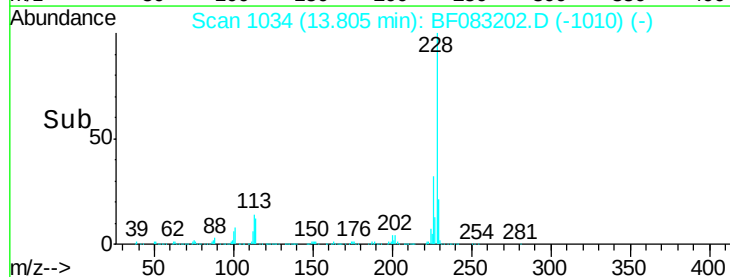
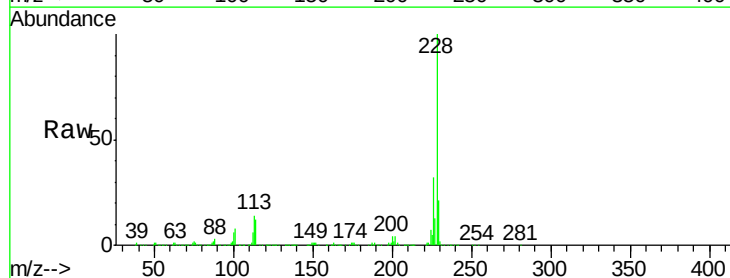
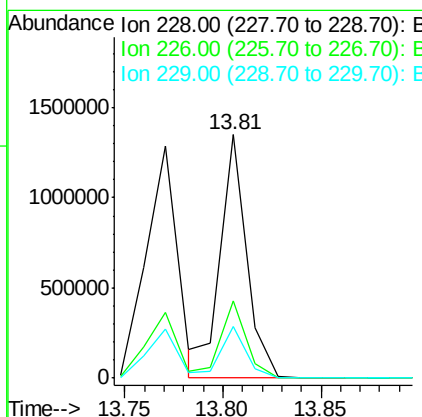
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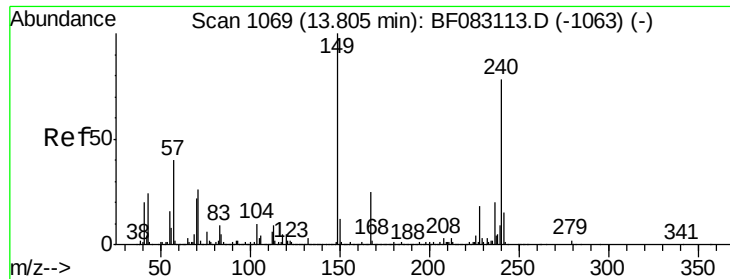
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#82
 Chrysene
 Concen: 36.20 ng m
 RT: 13.81 min Scan# 1034
 Delta R.T. -0.02 min
 Lab File: BF083202.D
 Acq: 23 Nov 2015 14:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.5	38.3
229	21.1	16.6	25.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.45 ng

RT: 13.78 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF083202.D

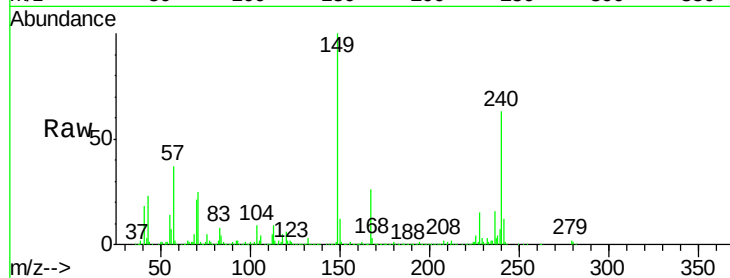
Acq: 23 Nov 2015 14:08

Instrument :

BNA_F

ClientSampleId :

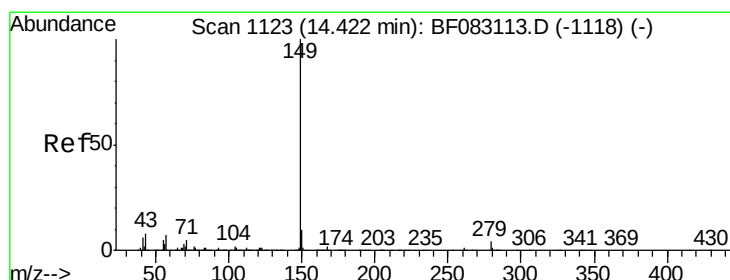
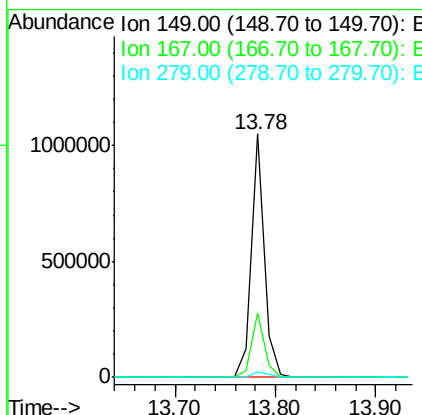
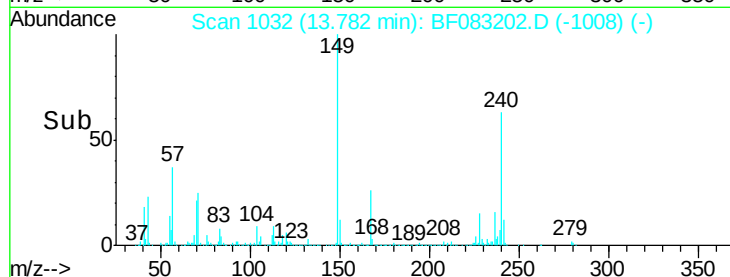
PB86620BSD



Tgt Ion:	149	Resp:	940076
Ion Ratio	Lower	Upper	
149	100		
167	26.5	20.1	30.1
279	2.4	1.7	2.5

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#84

Di-n-octyl phthalate

Concen: 35.61 ng

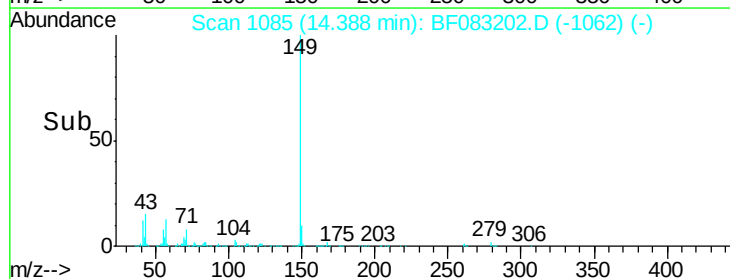
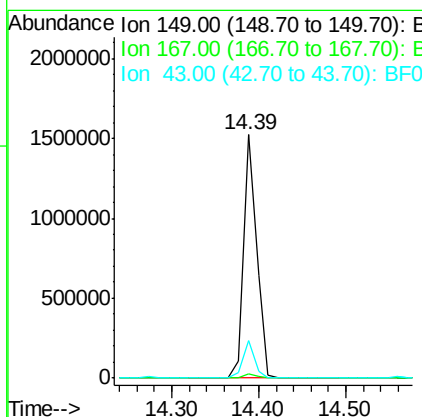
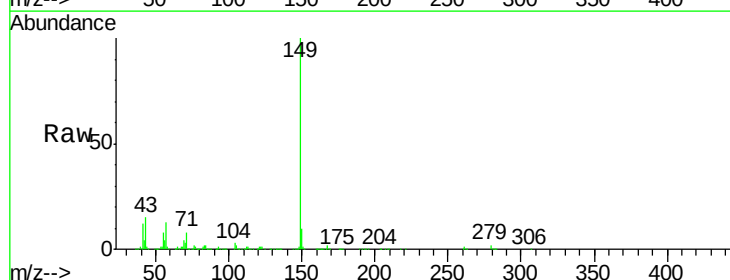
RT: 14.39 min Scan# 1085

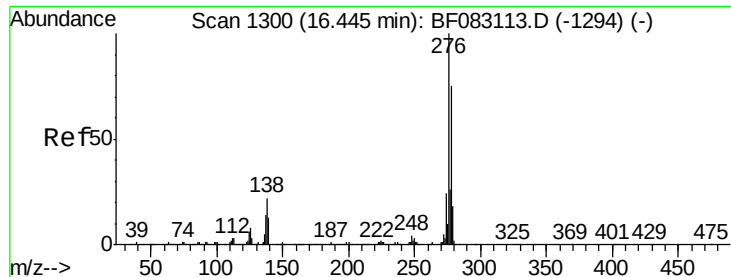
Delta R.T. -0.03 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

Tgt Ion:	149	Resp:	1580619
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	13.7	9.5	14.3





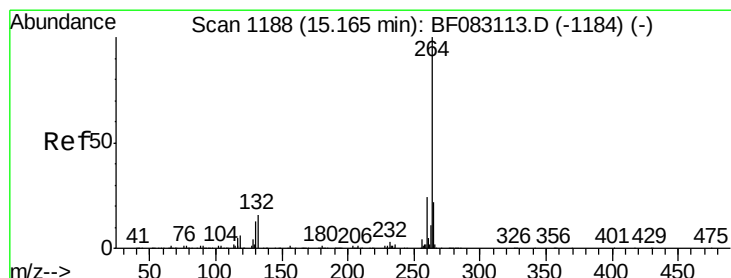
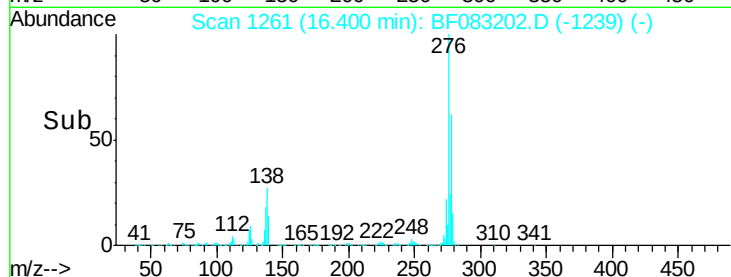
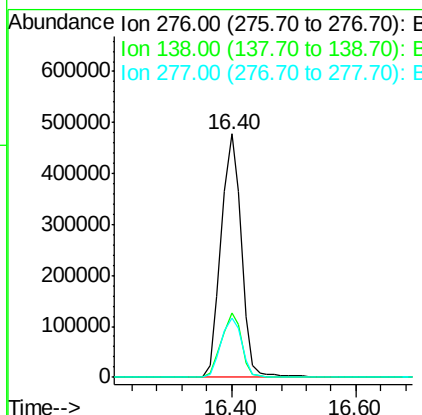
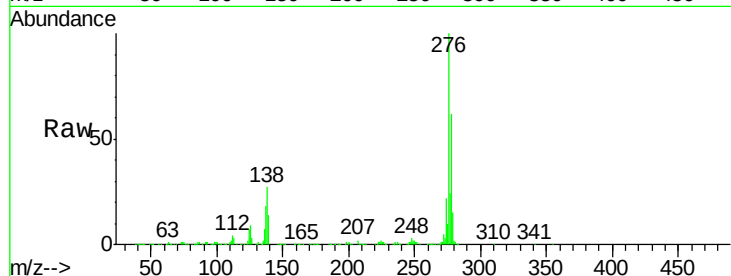
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.85 ng
 RT: 16.40 min Scan# 1261
 Delta R.T. -0.05 min
 Lab File: BF083202.D
 Acq: 23 Nov 2015 14:08

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.5	18.0	27.0
277	25.2	20.2	30.4

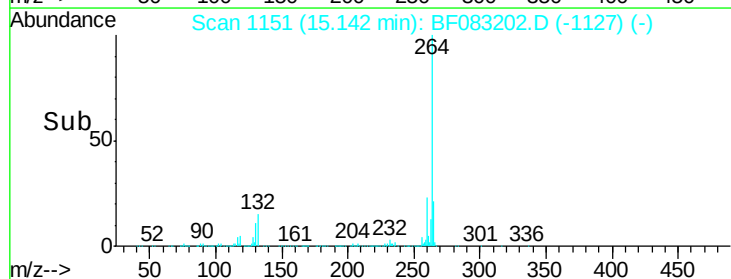
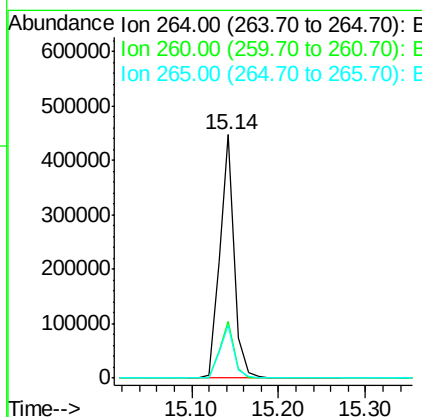
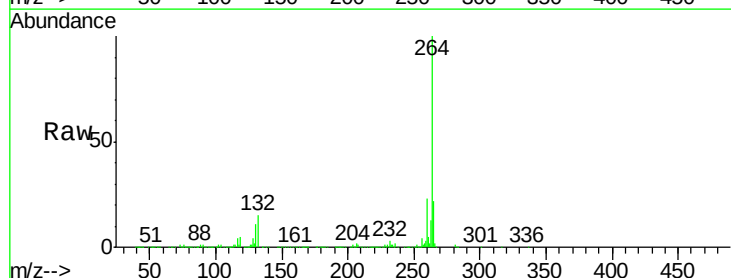
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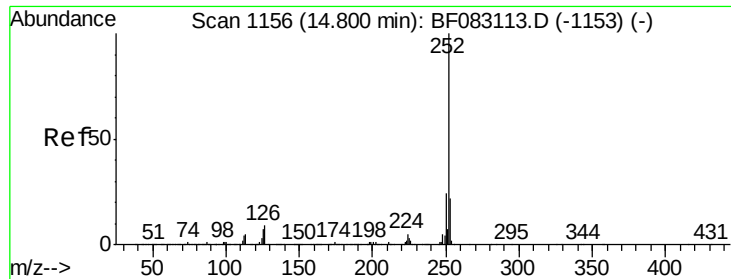
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BF083202.D
 Acq: 23 Nov 2015 14:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.1	28.7
265	21.5	18.2	27.4





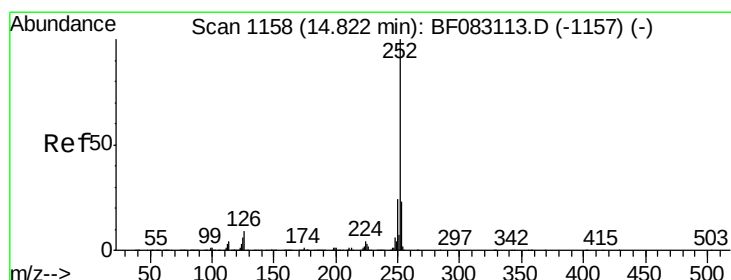
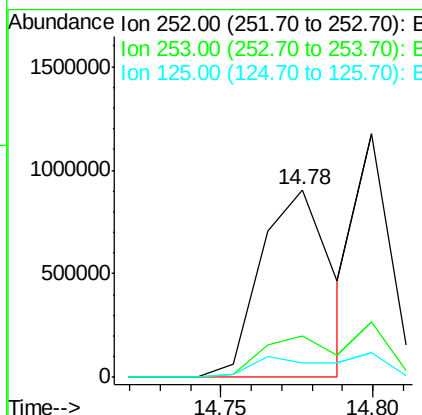
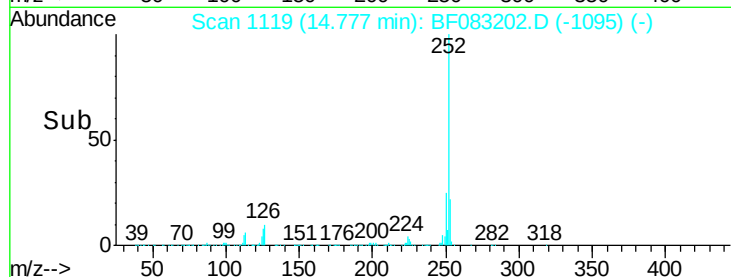
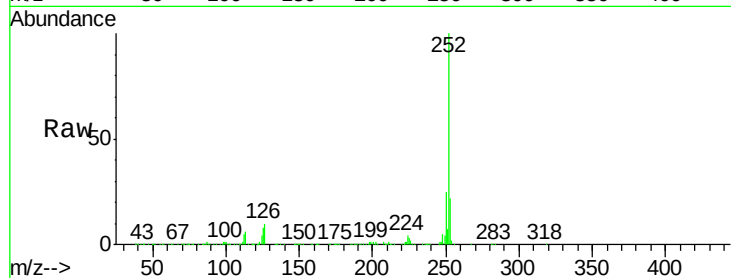
#87
Benzo(b)fluoranthene
Concen: 41.10 ng m
RT: 14.78 min Scan# 1119
Delta R.T. -0.02 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

Instrument :
BNA_F
ClientSampleId :
PB86620BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	7.8	5.6	8.4

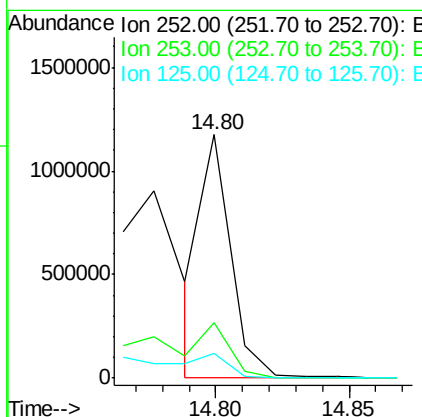
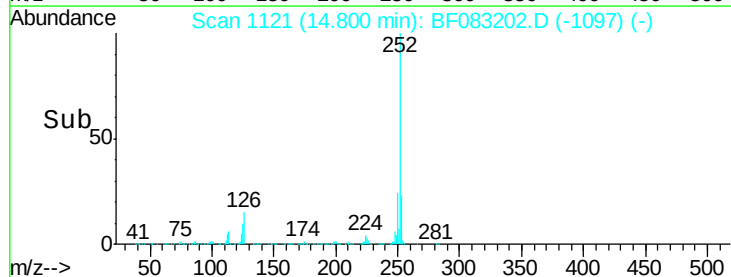
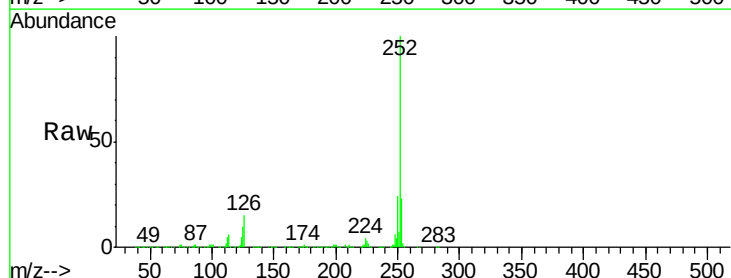
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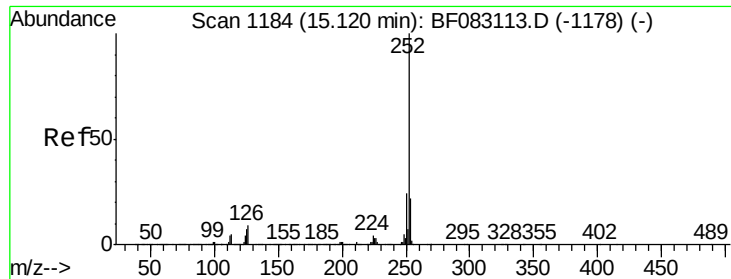
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#88
Benzo(k)fluoranthene
Concen: 35.13 ng m
RT: 14.80 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	10.0	6.8	10.2





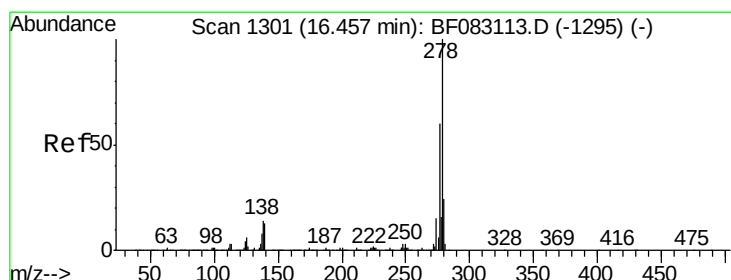
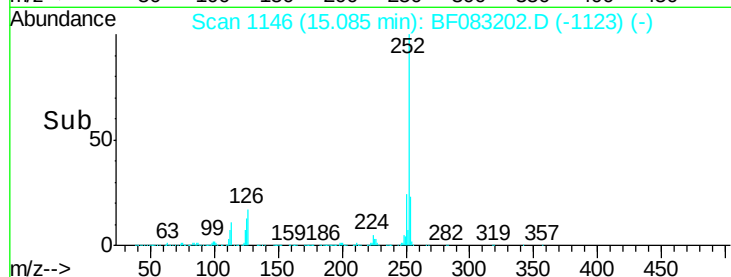
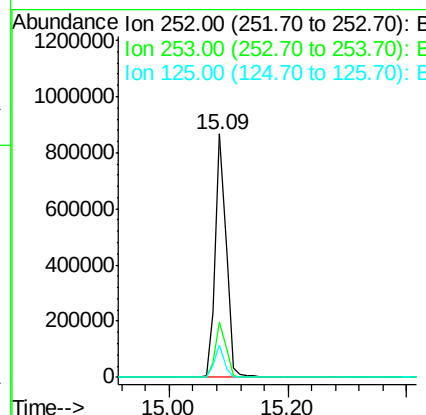
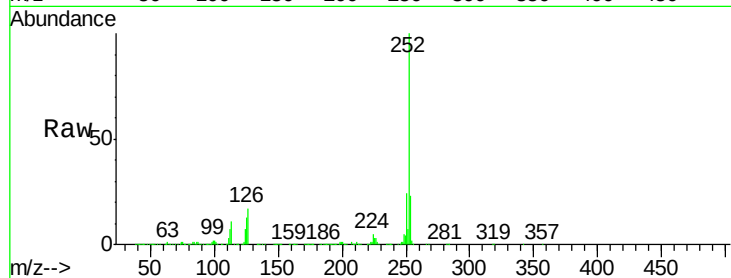
#89
Benzo(a)pyrene
Concen: 37.39 ng
RT: 15.09 min Scan# 1146
Delta R.T. -0.03 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

Instrument :
BNA_F
ClientSampleId :
PB86620BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	13.3	5.4	8.0

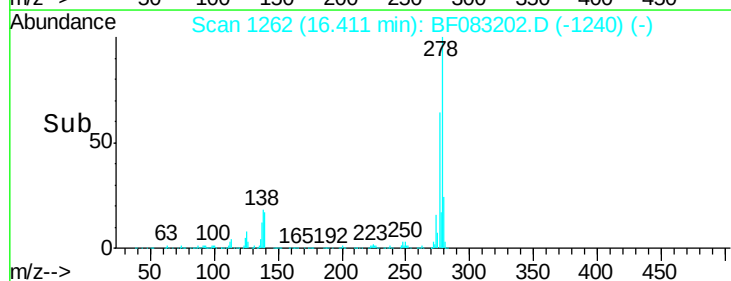
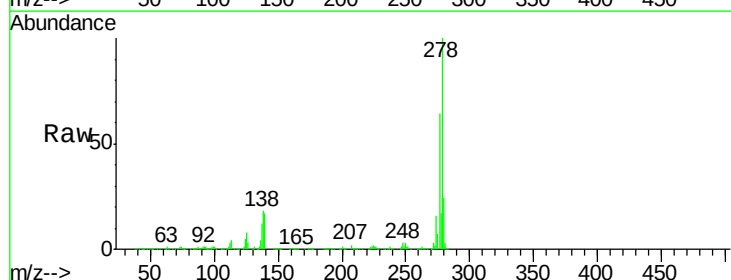
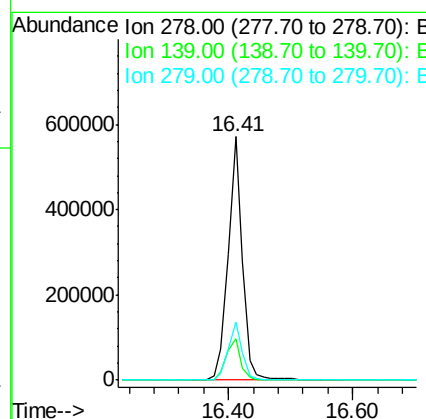
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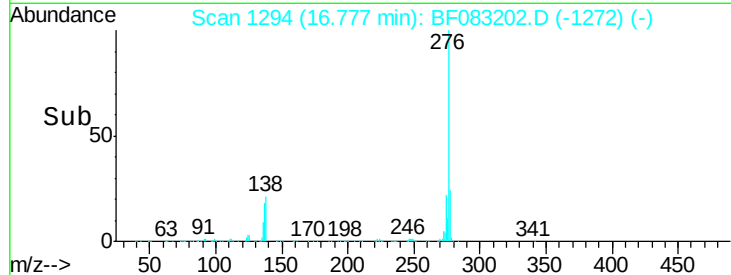
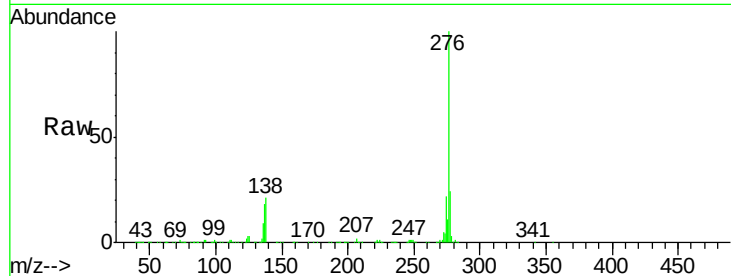
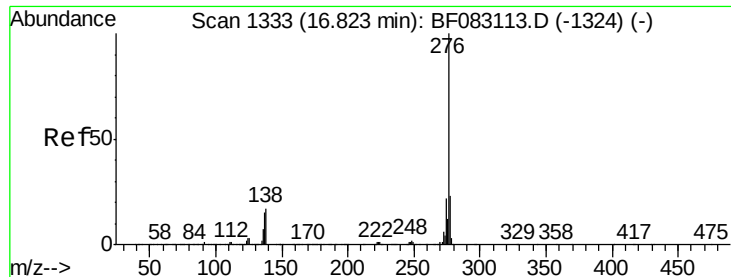
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#90
Dibenzo(a,h)anthracene
Concen: 33.79 ng
RT: 16.41 min Scan# 1262
Delta R.T. -0.05 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.9	10.7	16.1
279	23.9	19.3	28.9





#91
 Benzo(g,h,i)perylene
 Concen: 33.79 ng
 RT: 16.78 min Scan# 1294
 Delta R.T. -0.05 min
 Lab File: BF083202.D
 Acq: 23 Nov 2015 14:08

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BSD

Tgt Ion:	276	Resp:	882196
Ion Ratio		Lower	Upper
276	100		
277	24.1	18.7	28.1
138	20.8	13.9	20.9

Manual Integrations
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