

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
 Data File : BF086864.D
 Acq On : 10 May 2016 17:19
 Operator : UM/SJ
 Sample : PB90444BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90444BS

Manual Integrations
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Quant Time: May 11 04:49:55 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	152083	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	644882	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	308471	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	569621	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	395459	20.00	ng	-0.01
86) Perylene-d12	15.20	264	377880	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	739937	82.40	ng	0.00
7) Phenol-d6	6.35	99	1036292	86.34	ng	-0.01
23) Nitrobenzene-d5	7.26	82	997507	77.67	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	254452	77.92	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1627724	88.68	ng	0.00
78) Terphenyl-d14	12.79	244	1513422	81.20	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.27	88	146284	33.18	ng	# 68
3) Pyridine	2.93	79	348757	32.36	ng	# 66
4) n-Nitrosodimethylamine	2.89	42	296971	38.00	ng	# 52
6) Aniline	6.35	93	248389	17.11	ng	# 1
8) 2-Chlorophenol	6.48	128	428052	39.50	ng	95
9) Benzaldehyde	6.24	77	39702	5.71	ng	95
10) Phenol	6.36	94	530225	37.17	ng	80
11) bis(2-Chloroethyl)ether	6.43	93	435071m	39.11	ng	
12) 1,3-Dichlorobenzene	6.62	146	439581	37.49	ng	98
13) 1,4-Dichlorobenzene	6.70	146	443082	37.05	ng	99
14) 1,2-Dichlorobenzene	6.85	146	396802	38.07	ng	98
15) Benzyl Alcohol	6.85	79	355240	42.86	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.98	45	888756	36.75	ng	95
17) 2-Methylphenol	6.97	107	352064	40.83	ng	# 84
18) Hexachloroethane	7.20	117	174041	38.68	ng	# 90
19) n-Nitroso-di-n-propylamine	7.12	70	347226	41.40	ng	# 74
20) 3+4-Methylphenols	7.13	107	469888	41.72	ng	# 61
22) Acetophenone	7.10	105	596863	39.18	ng	98
24) Nitrobenzene	7.28	77	465430	35.23	ng	97
25) Isophorone	7.52	82	857531	35.99	ng	98
26) 2-Nitrophenol	7.60	139	229045	39.44	ng	# 86
27) 2,4-Dimethylphenol	7.65	122	384938	38.91	ng	95
28) bis(2-Chloroethoxy)methane	7.73	93	514368	40.02	ng	99
29) 2,4-Dichlorophenol	7.85	162	352354	40.47	ng	96
30) 1,2,4-Trichlorobenzene	7.92	180	377204	38.75	ng	97
31) Naphthalene	8.00	128	1250671	38.72	ng	99
32) Benzoic acid	7.80	122	203369	35.00	ng	# 80
33) 4-Chloroaniline	8.06	127	98258	7.83	ng	95
34) Hexachlorobutadiene	8.11	225	206023	36.47	ng	98
35) Caprolactam	8.43	113	112060m	37.83	ng	
36) 4-Chloro-3-methylphenol	8.56	107	382432	36.22	ng	89
37) 2-Methylnaphthalene	8.68	142	755209	39.99	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	348324	38.84	ng	98
40) Hexachlorocyclopentadiene	8.84	237	364700	85.67	ng	95

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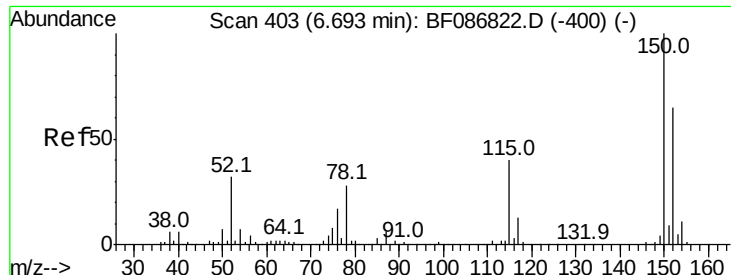
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	242840	40.49	nq	93
43) 2,4,5-Trichlorophenol	9.02	196	256691	41.39	nq #	92
45) 1,1'-Biphenyl	9.15	154	980806	39.97	nq	97
46) 2-Chloronaphthalene	9.17	162	738955	38.44	nq	95
47) 2-Nitroaniline	9.29	65	278265	39.61	nq	93
48) Acenaphthylene	9.58	152	1078493	38.14	nq	99
49) Dimethylphthalate	9.46	163	884836	37.60	nq	100
50) 2,6-Dinitrotoluene	9.53	165	216824	43.78	nq #	77
51) Acenaphthene	9.76	154	698792	39.73	nq	99
52) 3-Nitroaniline	9.70	138	75964	14.57	nq	99
53) 2,4-Dinitrophenol	9.80	184	200087	79.15	nq #	74
54) Dibenzofuran	9.93	168	940240	41.64	nq	94
55) 4-Nitrophenol	9.88	139	242362	70.30	nq #	48
56) 2,4-Dinitrotoluene	9.93	165	233561	38.11	nq #	69
57) Fluorene	10.27	166	772936	40.14	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.05	232	208452	44.64	nq	97
59) Diethylphthalate	10.16	149	844407	36.82	nq	98
60) 4-Chlorophenyl-phenylether	10.27	204	369483	43.82	nq #	77
61) 4-Nitroaniline	10.32	138	205422	41.02	nq	85
62) Azobenzene	10.42	77	996982	40.30	nq	82
64) 4,6-Dinitro-2-methylphenol	10.34	198	150124	42.42	nq	92
65) n-Nitrosodiphenylamine	10.38	169	685729	39.19	nq	100
66) 4-Bromophenyl-phenylether	10.75	248	221859	38.42	nq	98
67) Hexachlorobenzene	10.82	284	279294	41.38	nq #	95
68) Atrazine	10.92	200	229328	39.23	nq	94
69) Pentachlorophenol	11.01	266	261957	83.98	nq	96
70) Phenanthrene	11.23	178	1272829	41.87	nq	100
71) Anthracene	11.28	178	1138320	36.62	nq	100
72) Carbazole	11.44	167	1050351	39.30	nq	99
73) Di-n-butylphthalate	11.77	149	1269649	38.90	nq #	98
74) Fluoranthene	12.41	202	1249230	39.96	nq	96
76) Benzidine	12.55	184	179529	17.81	nq	96
77) Pyrene	12.64	202	1314664	43.42	nq	99
79) Butylbenzylphthalate	13.27	149	579981	45.29	nq	97
80) Benzo(a)anthracene	13.81	228	964231	43.43	nq	99
81) 3,3'-Dichlorobenzidine	13.79	252	214799	15.23	nq #	95
82) Chrysene	13.86	228	1027556	45.50	nq	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	703871	45.69	nq #	98
84) Di-n-octyl phthalate	14.43	149	1277477	50.06	nq #	83
85) Indeno(1,2,3-cd)pyrene	16.50	276	793954	42.26	nq	95
87) Benzo(b)fluoranthene	14.82	252	1182176m	48.14	nq	
88) Benzo(k)fluoranthene	14.85	252	687624m	34.20	nq	
89) Benzo(a)pyrene	15.15	252	867231	40.94	nq	98
90) Dibenzo(a,h)anthracene	16.50	278	658159	36.87	nq	99
91) Benzo(g,h,i)perylene	16.88	276	663252	36.56	nq	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Instrument :

BNA_F

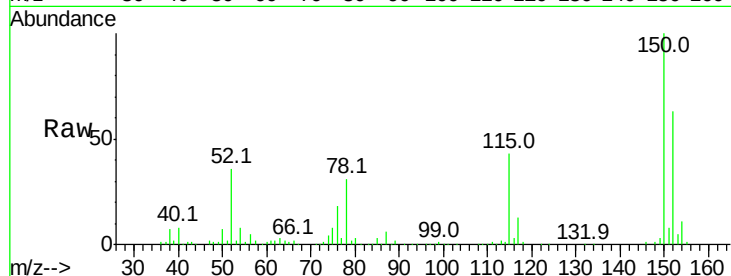
ClientSampleId :

PB90444BS

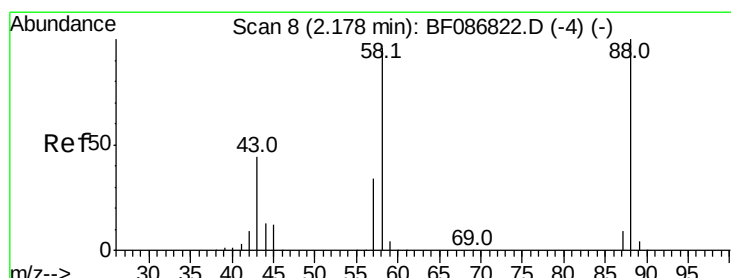
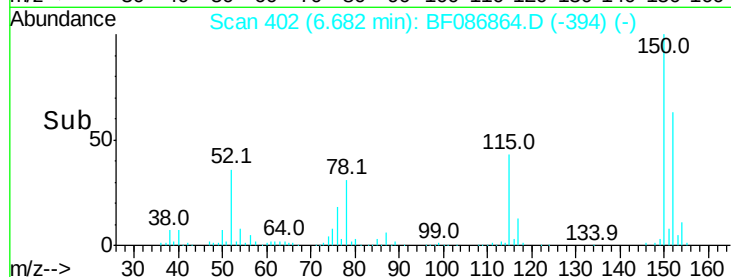
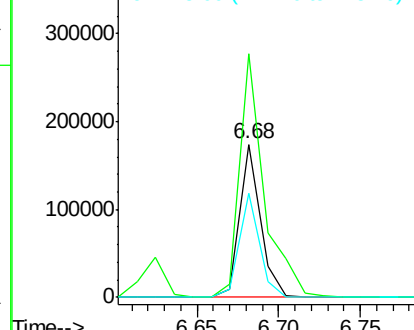
Tot Ion:	152	Resp:	152083
Ion Ratio	Lower	Upper	
152	100		
150	159.2	125.8	188.6
115	67.9	51.5	77.3

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.18 ng

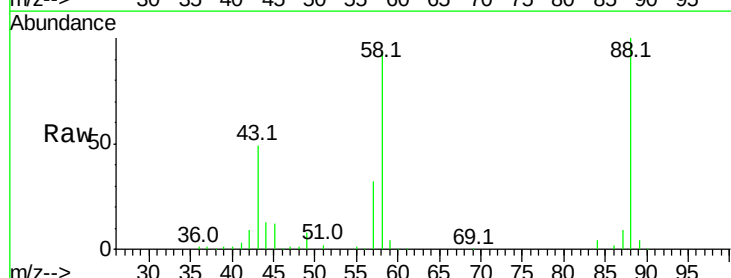
RT: 2.27 min Scan# 16

Delta R.T. 0.09 min

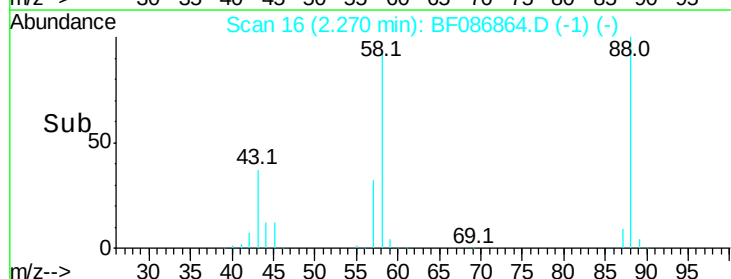
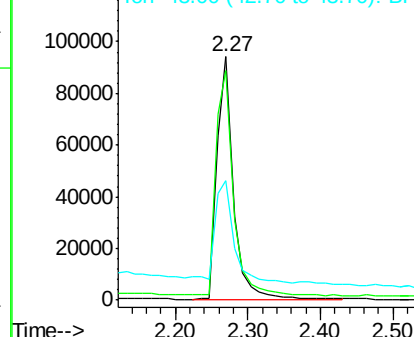
Lab File: BF086864.D

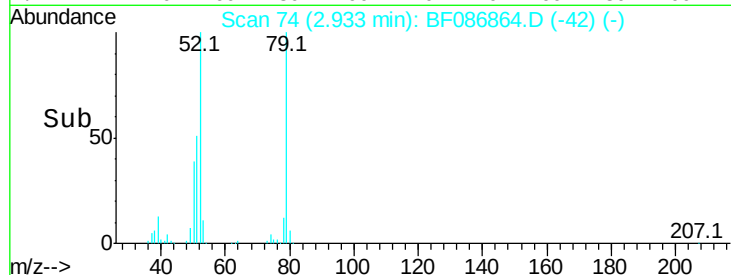
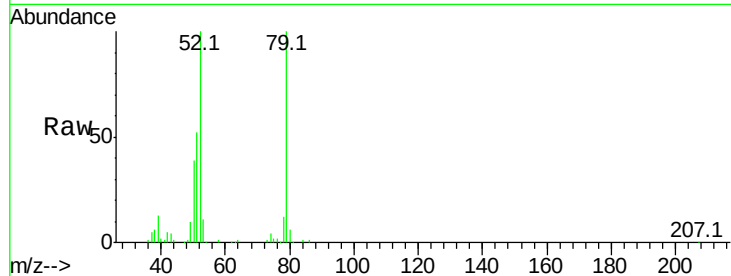
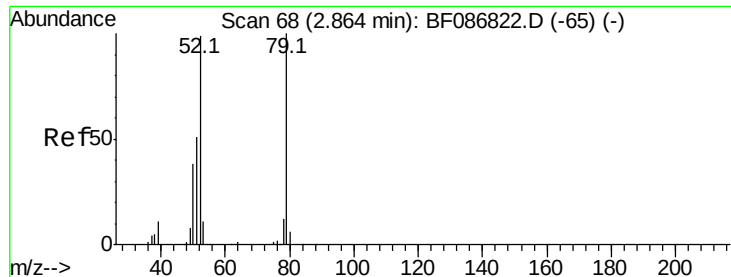
Acq: 10 May 2016 17:19

Tgt Ion:	88	Resp:	146284
Ion Ratio	Lower	Upper	
88	100		
58	96.0	59.6	89.4#
43	52.9	21.8	32.6#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





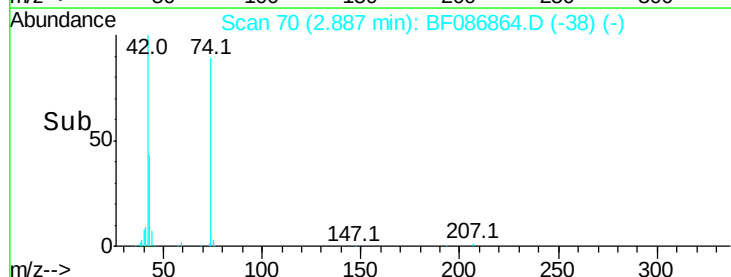
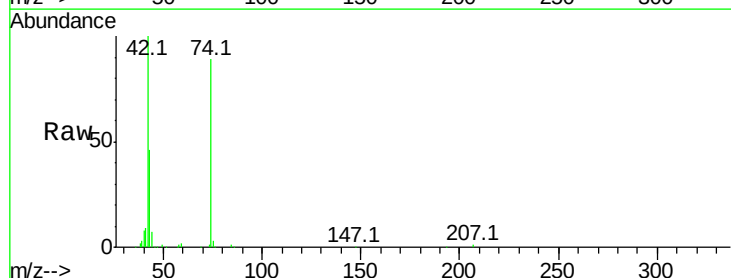
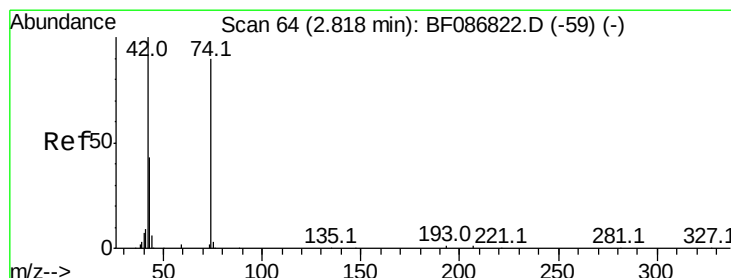
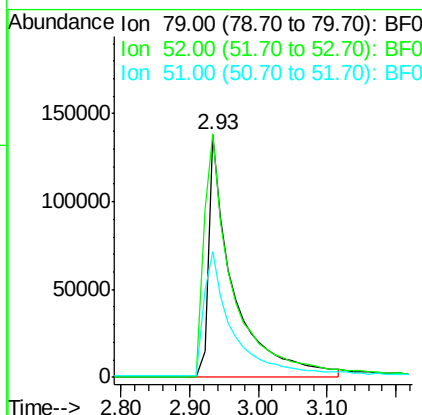
#3
 Pvridine
 Concen: 32.36 ng
 RT: 2.93 min Scan# 74
 Delta R.T. 0.07 min
 Lab File: BF086864.D
 Acq: 10 May 2016 17:19

Tot Ion	Ratio	Lower	Upper
79	100		
52	100.3	55.9	83.9#
51	51.7	28.1	42.1#

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 PB90444BS

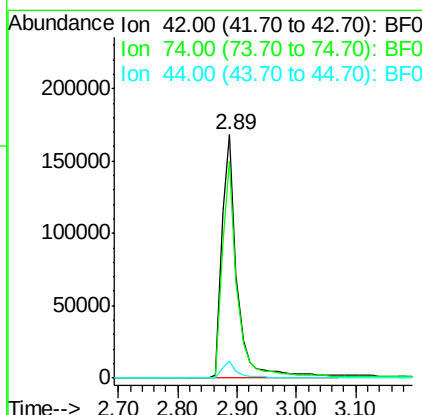
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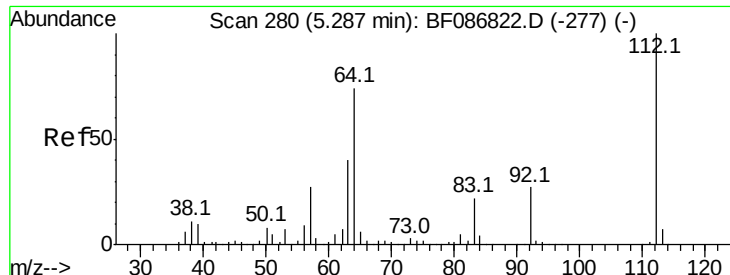
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#4
 n-Nitrosodimethylamine
 Concen: 38.00 ng
 RT: 2.89 min Scan# 70
 Delta R.T. 0.07 min
 Lab File: BF086864.D
 Acq: 10 May 2016 17:19

Tgt Ion	Ratio	Lower	Upper
42	100		
74	89.1	123.4	185.0#
44	6.9	5.8	8.6





#5

2-Fluorophenol

Concen: 82.40 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB90444BS

Tot Ion: 112 Resp: 739937

Ion Ratio Lower Upper

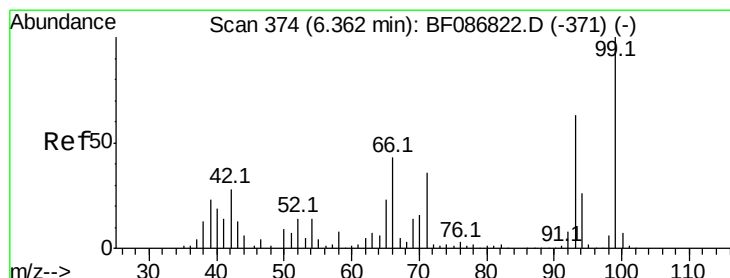
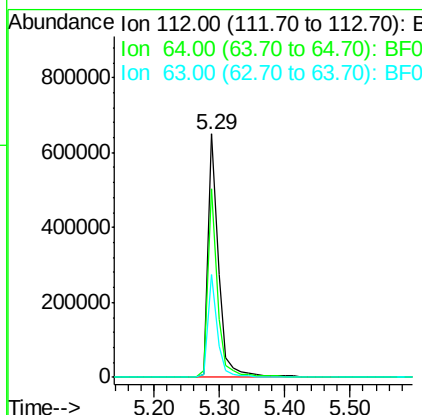
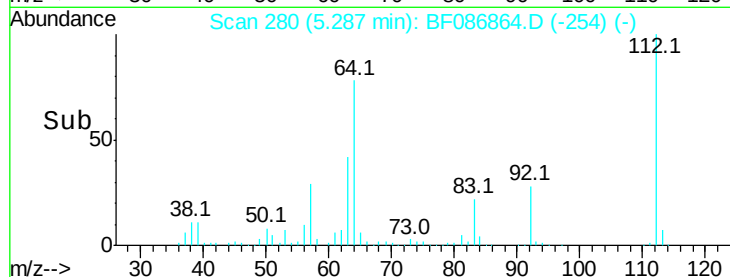
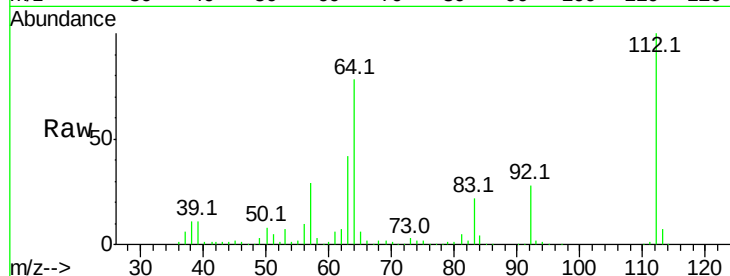
112 100

64 77.5 52.1 78.1

63 42.1 25.7 38.5#

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#6

Aniline

Concen: 17.11 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

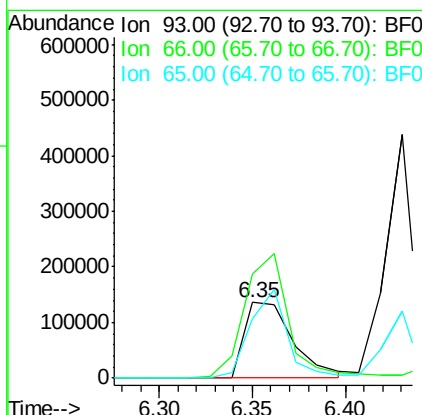
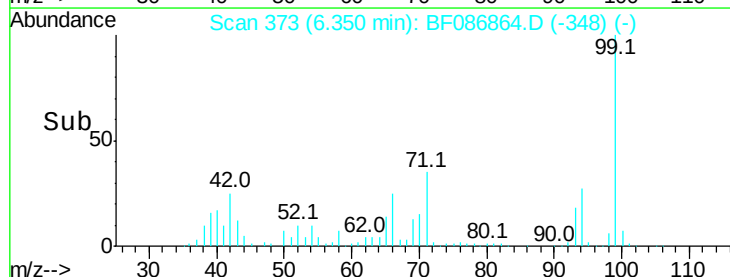
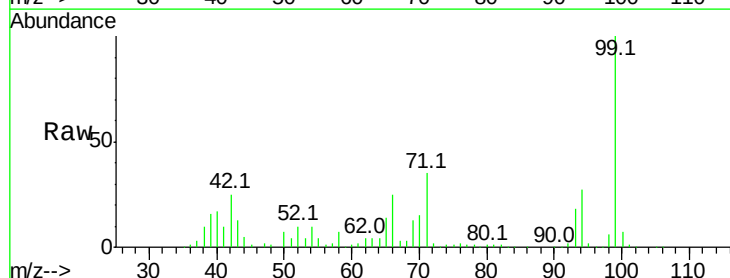
Tgt Ion: 93 Resp: 248389

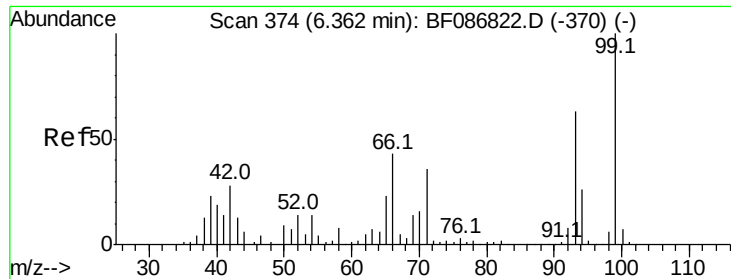
Ion Ratio Lower Upper

93 100

66 138.1 39.0 58.6#

65 79.0 20.6 31.0#





#7

Phenol-d6

Concen: 86.34 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Instrument :

BNA_F

ClientSampled :

PB90444BS

Tot Ion: 99 Resp: 1036292

Ion Ratio Lower Upper

99 100

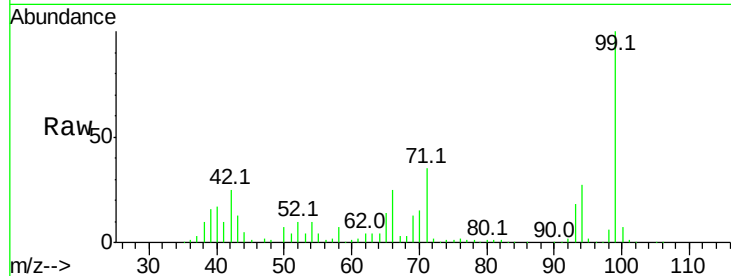
42 25.3 13.6 20.4#

71 34.5 24.6 36.8

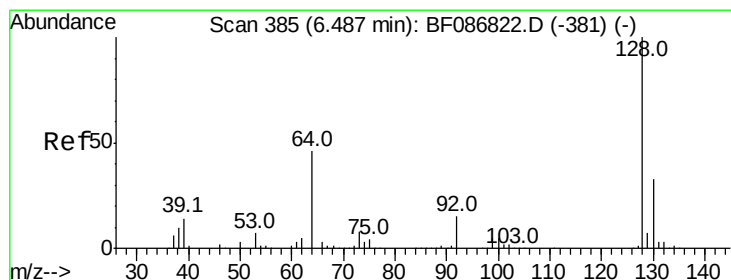
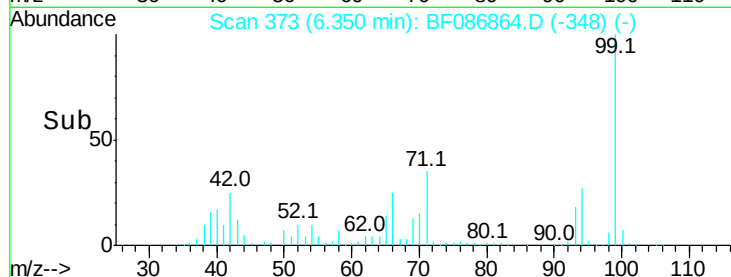
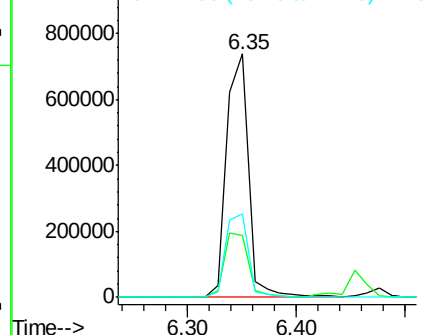
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.50 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

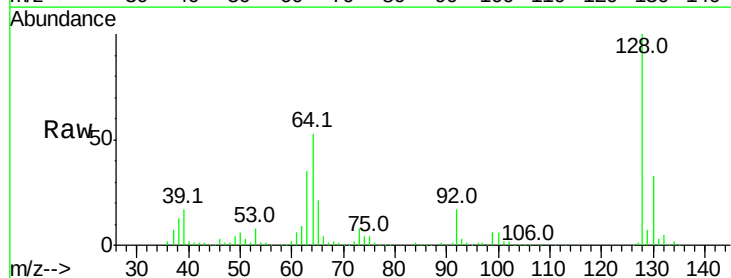
Tgt Ion: 128 Resp: 428052

Ion Ratio Lower Upper

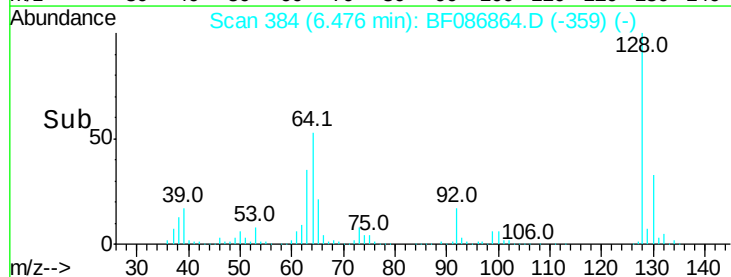
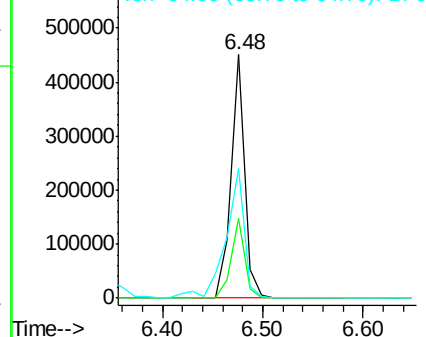
128 100

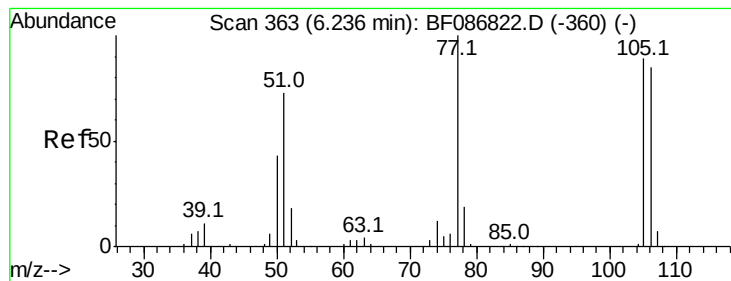
130 32.6 12.5 52.5

64 53.1 27.3 67.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 5.71 ng

RT: 6.24 min Scan# 363

Delta R.T. 0.00 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Instrument :

BNA_F

ClientSampled :

PB90444BS

Tot Ion: 77 Resp: 39702

Ion Ratio Lower Upper

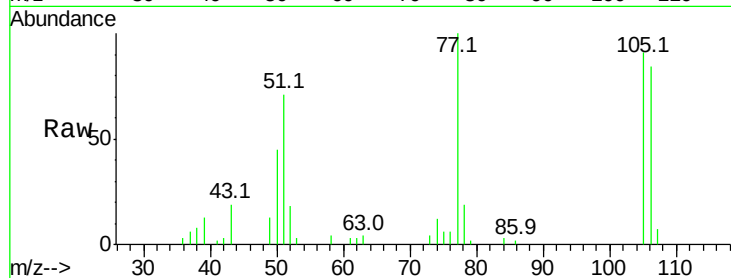
77 100

105 90.8 72.7 112.7

106 83.7 70.8 110.8

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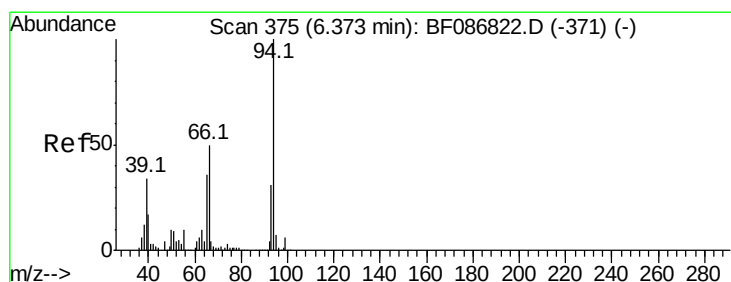
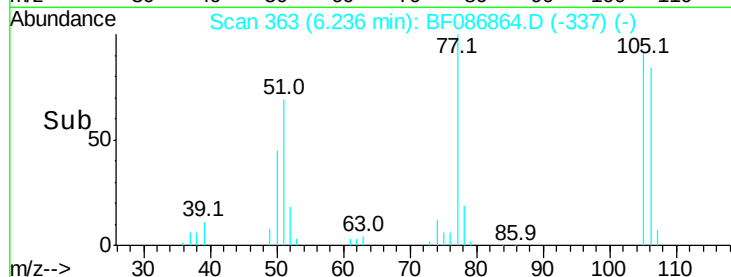
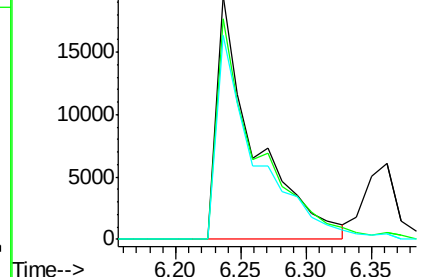
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.17 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

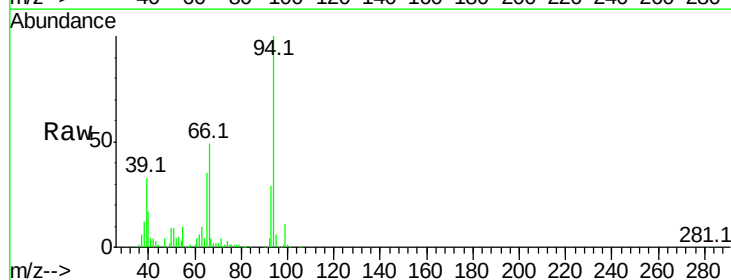
Tgt Ion: 94 Resp: 530225

Ion Ratio Lower Upper

94 100

65 34.9 7.2 47.2

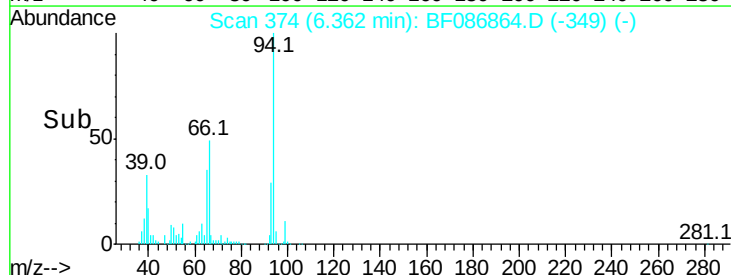
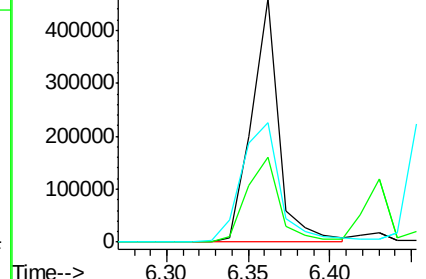
66 48.9 14.9 54.9

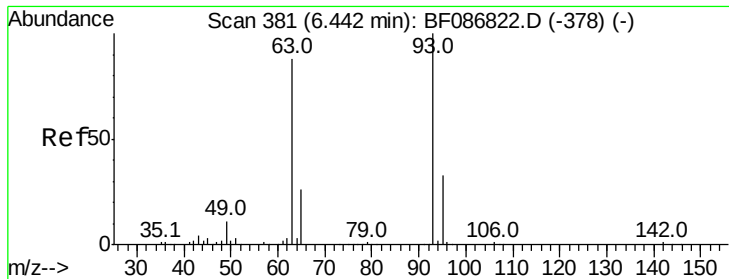


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.11 ng/mL

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Instrument :

BNA_F

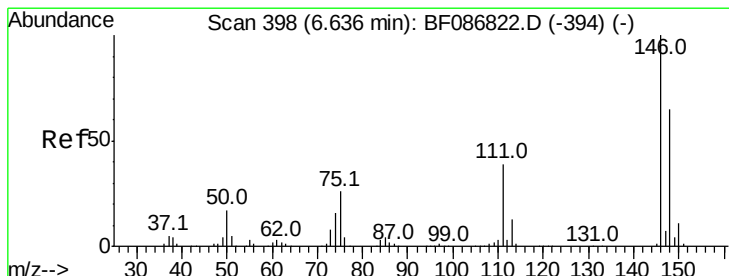
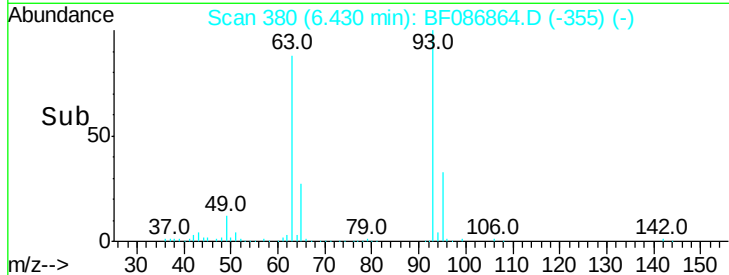
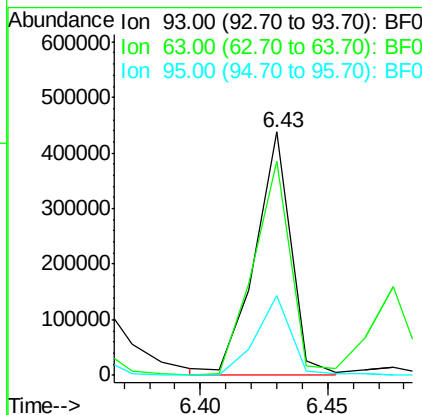
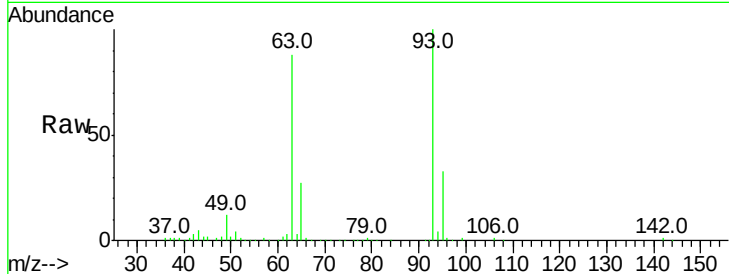
ClientSampled :

PB90444BS

Tot Ion	93	Resp	435071
Ion Ratio	100	Lower	Upper
93	100		
63	88.2	58.0	98.0
95	32.7	11.9	51.9

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#12

1,3-Dichlorobenzene

Concen: 37.49 ng/mL

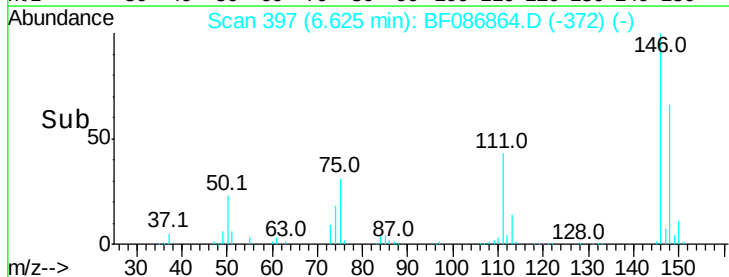
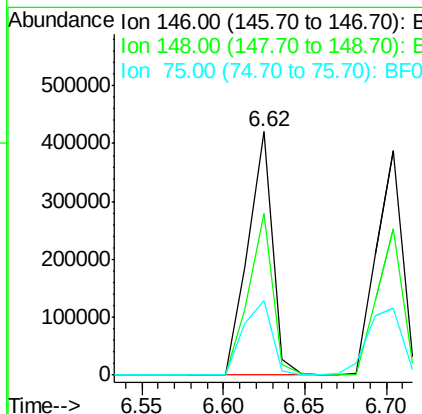
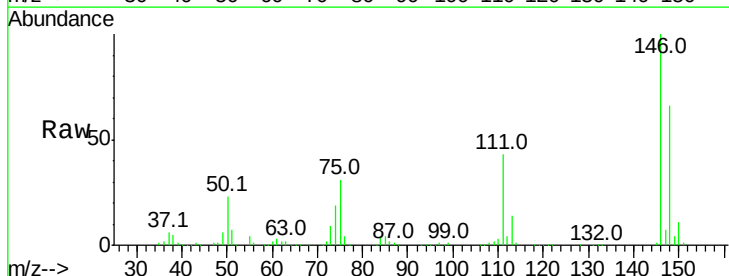
RT: 6.62 min Scan# 397

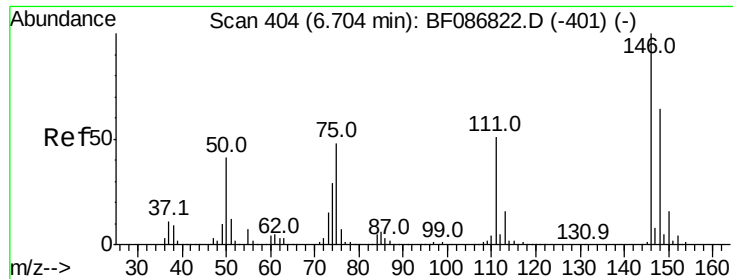
Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Tgt Ion	146	Resp	439581
Ion Ratio	100	Lower	Upper
146	100		
148	66.4	52.4	78.6
75	30.9	22.8	34.2





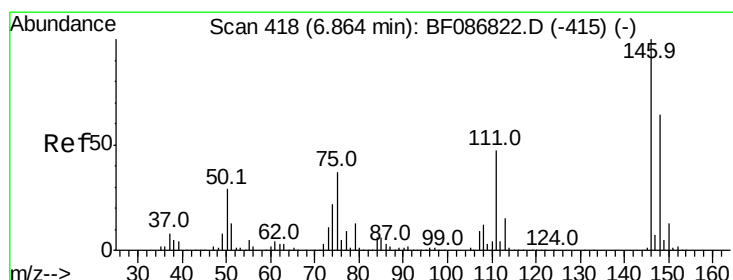
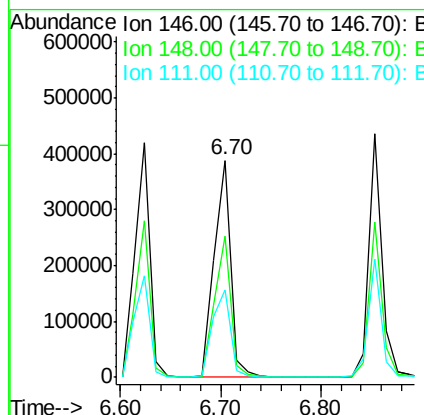
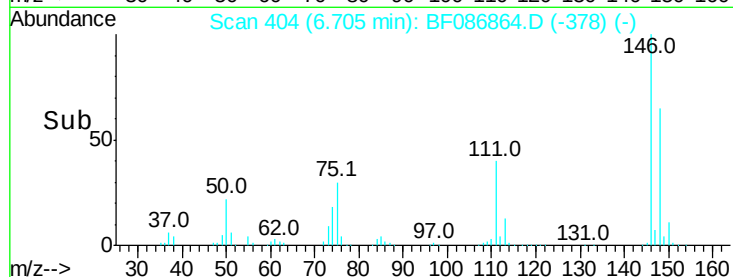
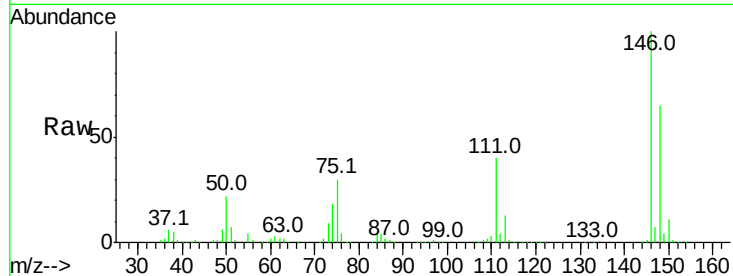
#13
 1,4-Dichlorobenzene
 Concen: 37.05 ng
 RT: 6.70 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: BF086864.D
 Acq: 10 May 2016 17:19

Instrument :
 BNA_F
 ClientSampleId :
 PB90444BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.2	78.4
111	40.4	30.7	46.1

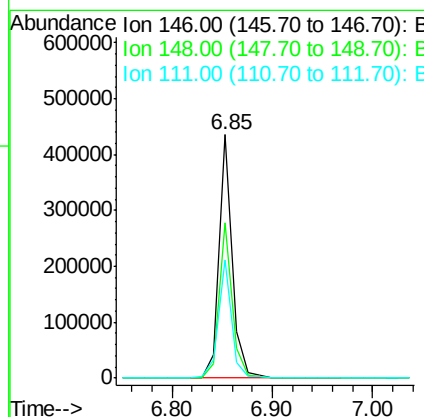
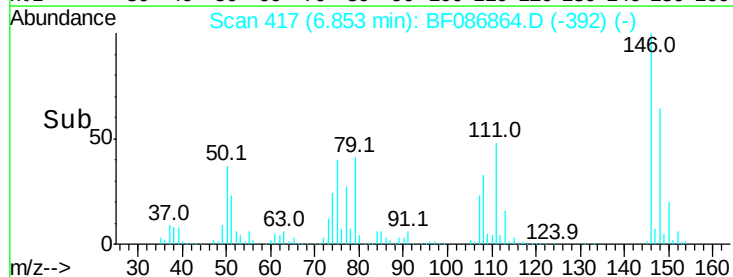
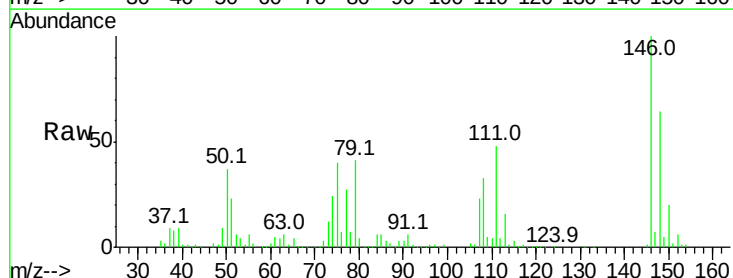
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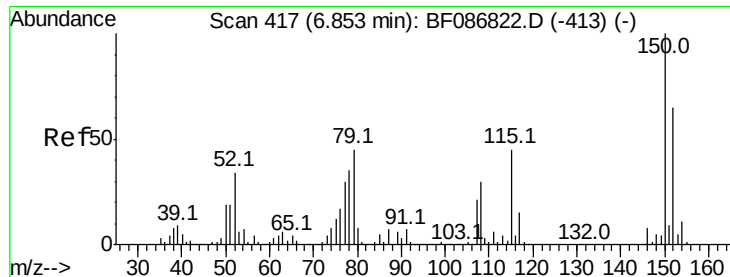
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#14
 1,2-Dichlorobenzene
 Concen: 38.07 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.01 min
 Lab File: BF086864.D
 Acq: 10 May 2016 17:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.0	76.6
111	48.3	36.2	54.4





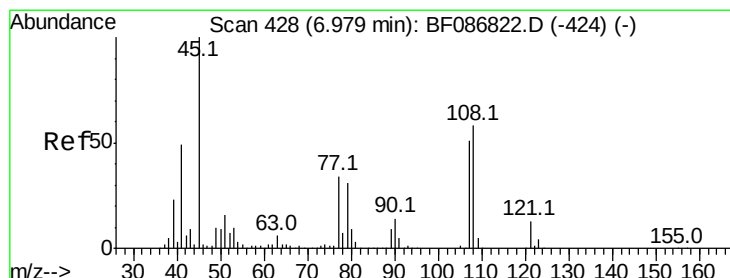
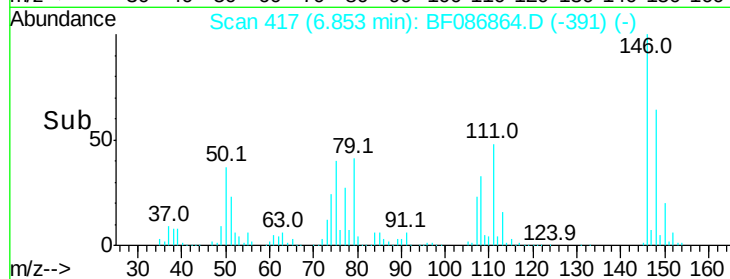
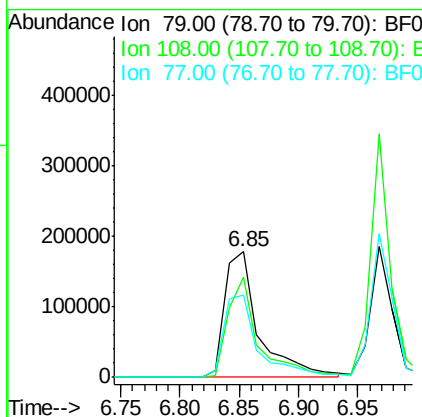
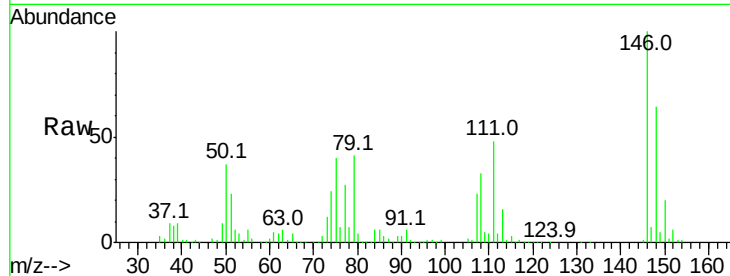
#15
Benzyl Alcohol
Concen: 42.86 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF086864.D
Acq: 10 May 2016 17:19

Instrument :
BNA_F
ClientSampled :
PB90444BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	80.0	68.4	102.6	
77	65.3	50.6	76.0	

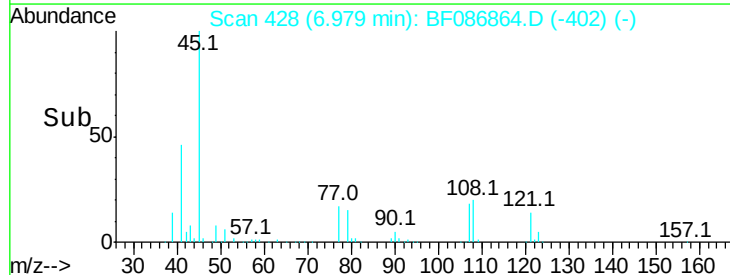
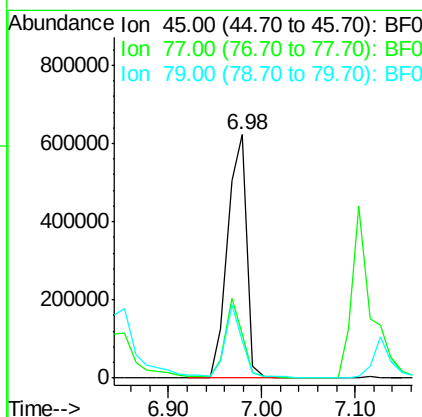
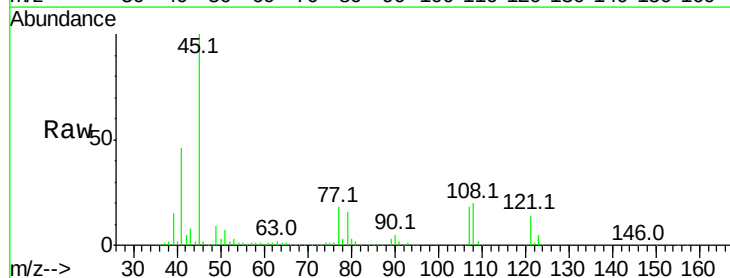
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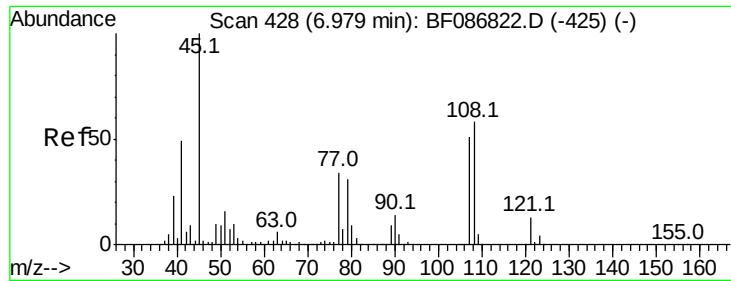
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#16
2,2'-oxybis(1-chloropropane)
Concen: 36.75 ng
RT: 6.98 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF086864.D
Acq: 10 May 2016 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	18.1	0.0	36.4	
79	15.6	0.0	33.4	





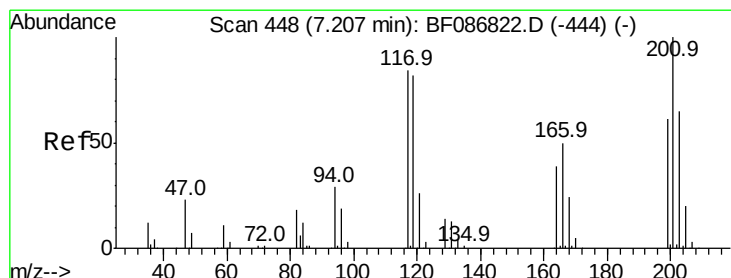
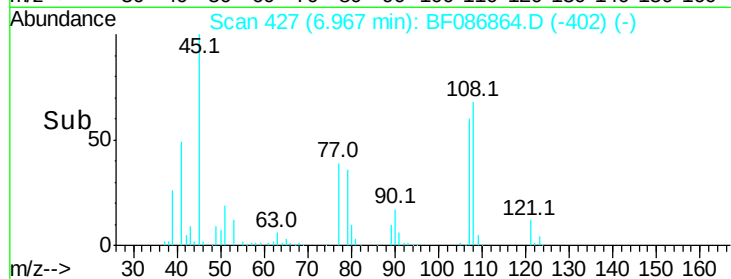
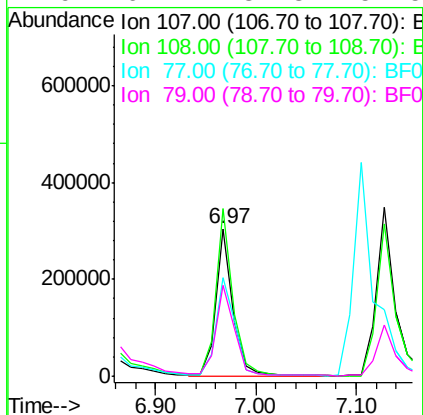
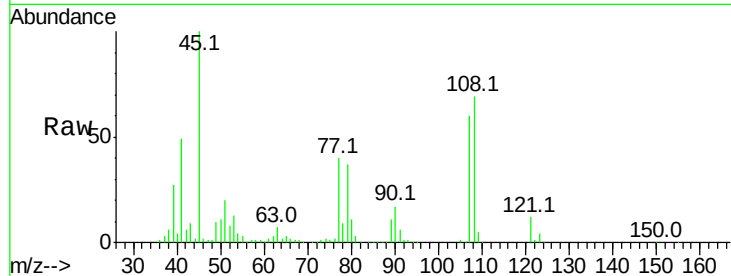
#17
2-Methylphenol
Concen: 40.83 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.01 min
Lab File: BF086864.D
Acq: 10 May 2016 17:19

Instrument :
BNA_F
ClientSampleId :
PB90444BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100		352064		
108	113.7	93.7	140.5		
77	67.0	33.4	50.0#		
79	61.4	34.3	51.5#		

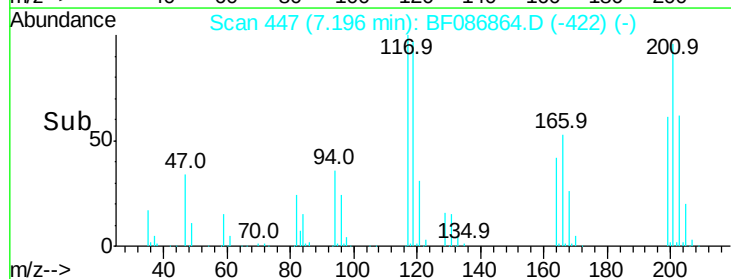
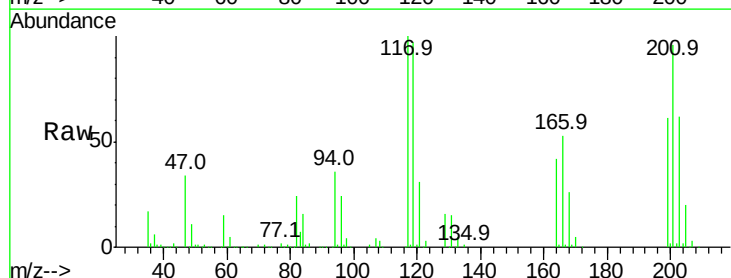
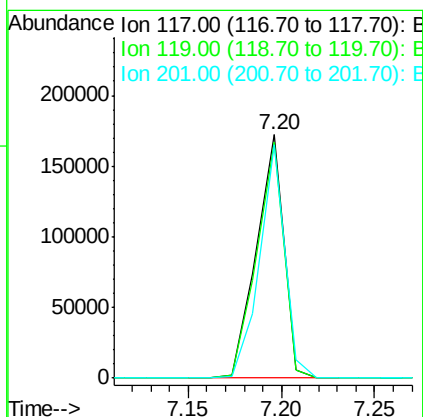
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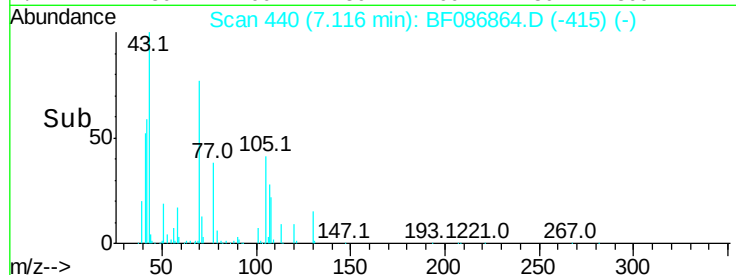
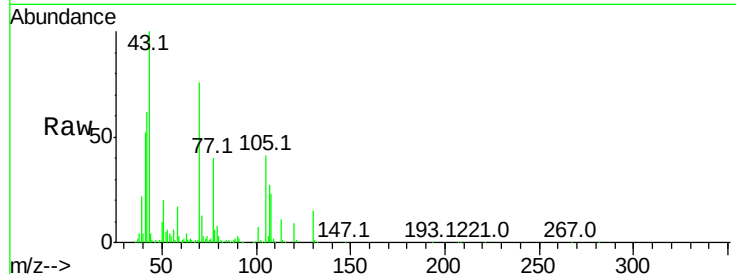
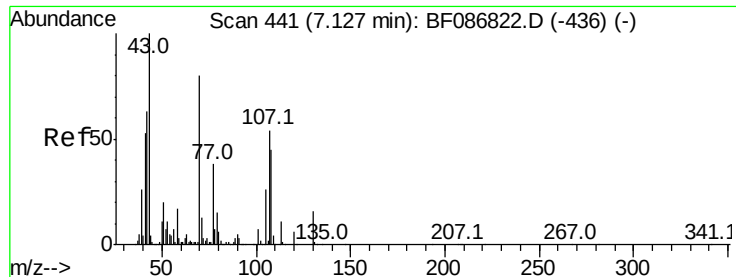
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#18
Hexachloroethane
Concen: 38.68 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF086864.D
Acq: 10 May 2016 17:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		174041		
119	97.0	76.5	114.7		
201	96.1	63.0	94.6#		





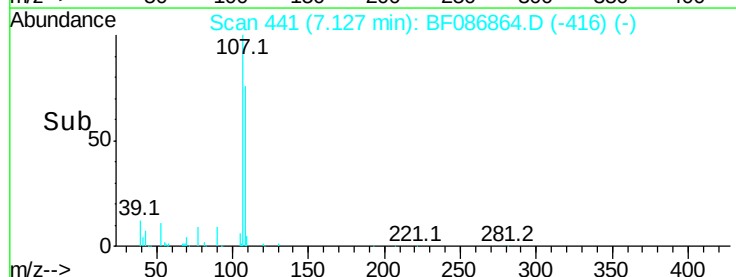
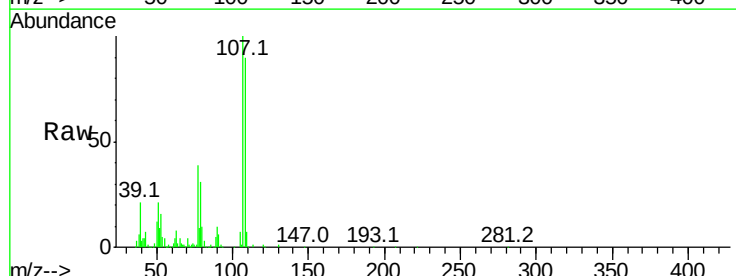
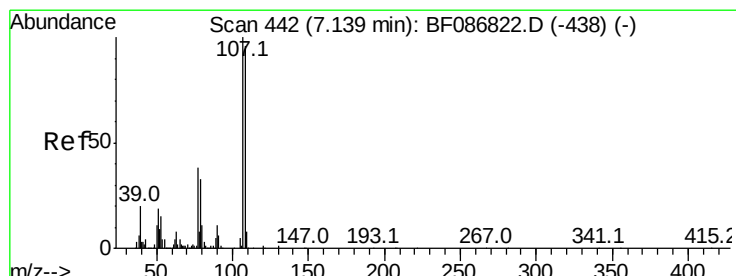
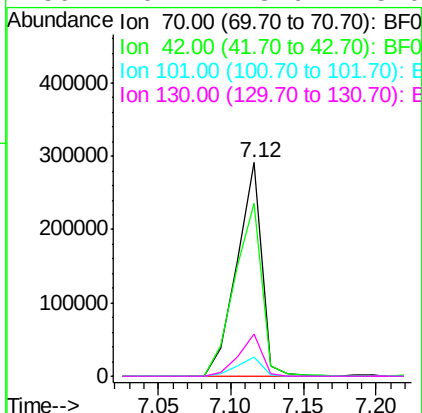
#19
n-Nitroso-di-n-propylamine
Concen: 41.40 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.01 min
Lab File: BF086864.D
Acq: 10 May 2016 17:19

Instrument :
BNA_F
ClientSampleId :
PB90444BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	80.9	43.1	64.7#
101	9.2	8.1	12.1
130	19.7	18.6	28.0

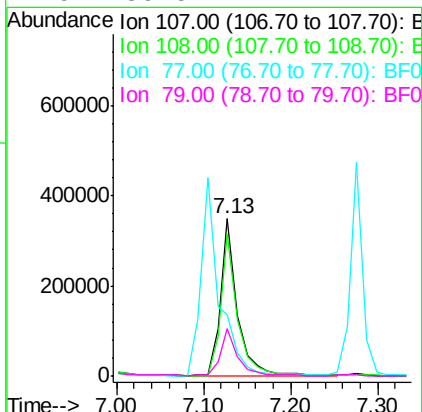
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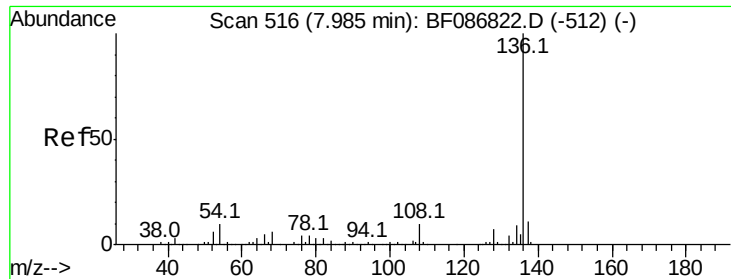
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#20
3+4-Methylphenols
Concen: 41.72 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF086864.D
Acq: 10 May 2016 17:19

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.2	68.5	108.5
77	39.1	101.6	141.6#
79	30.5	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Instrument :

BNA_F

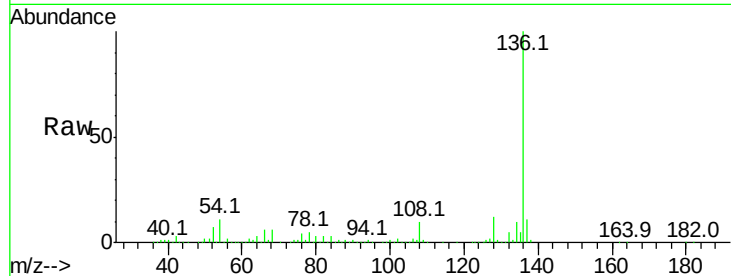
ClientSampleId :

PB90444BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	644882		
137	11.0	8.8	13.2	
54	11.1	5.0	7.4	
68	6.1	4.4	6.6	

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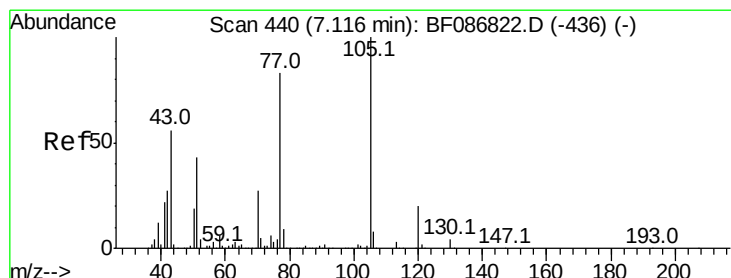
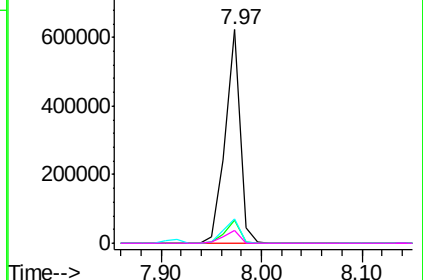
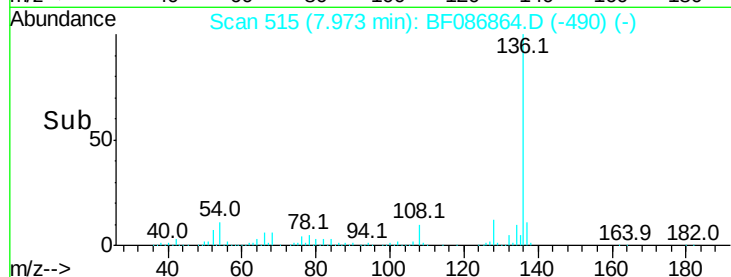


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.18 ng

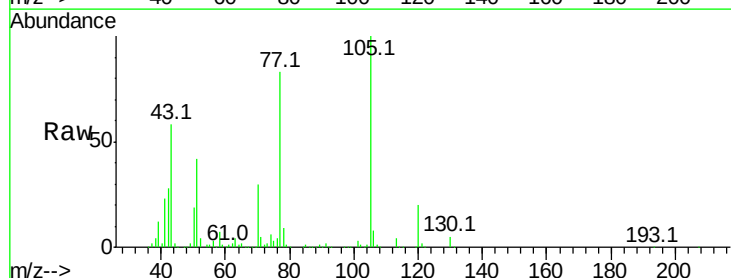
RT: 7.10 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	596863		
71	5.1	4.8	7.2	
51	42.1	32.6	49.0	
120	20.5	16.5	24.7	

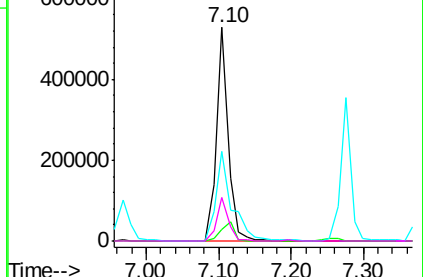
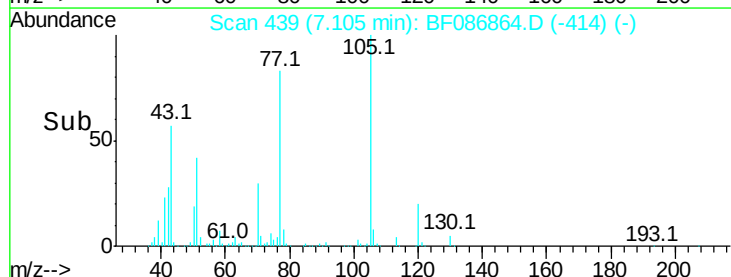


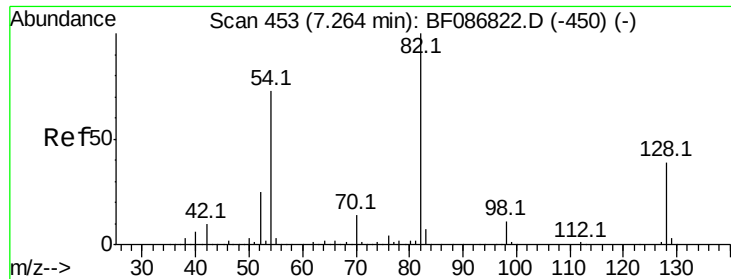
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





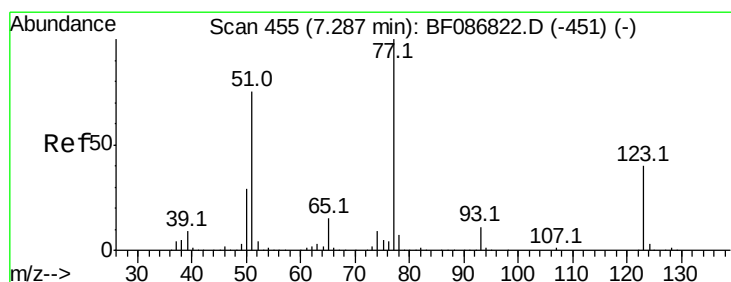
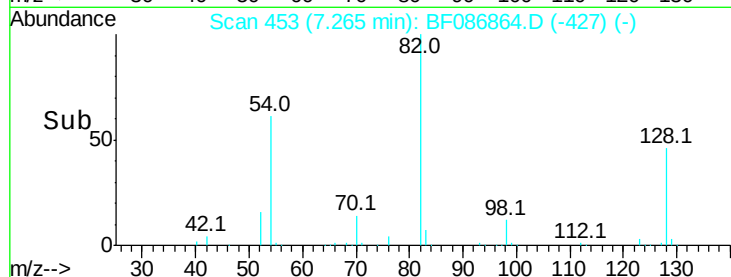
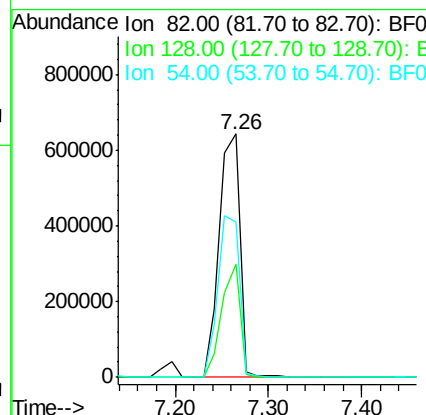
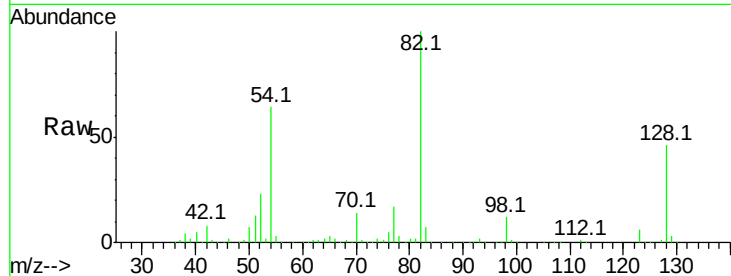
#23
 Nitrobenzene-d5
 Concen: 77.67 ng
 RT: 7.26 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF086864.D
 Acq: 10 May 2016 17:19

Instrument :
 BNA_F
 ClientSampleId :
 PB90444BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.2	40.6	61.0	
54	63.8	38.1	57.1	

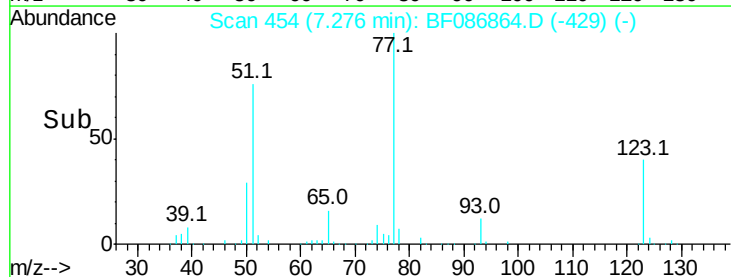
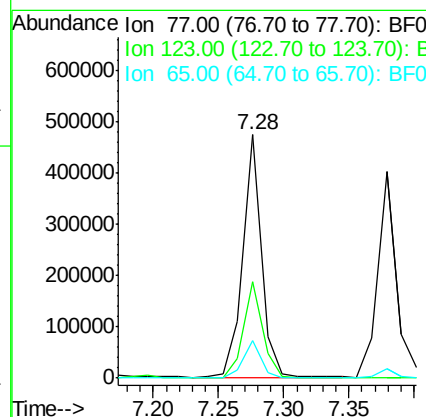
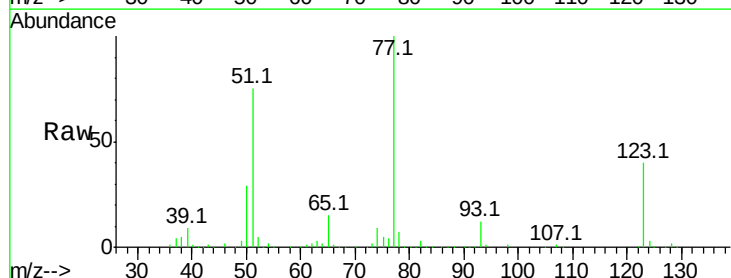
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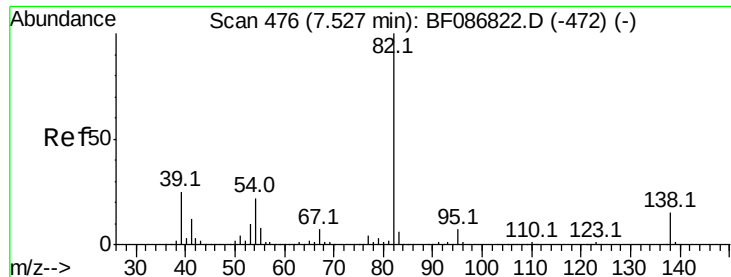
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#24
 Nitrobenzene
 Concen: 35.23 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF086864.D
 Acq: 10 May 2016 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	39.7	33.0	49.4	
65	15.4	10.8	16.2	





#25

Isophorone

Concen: 35.99 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Instrument :

BNA_F

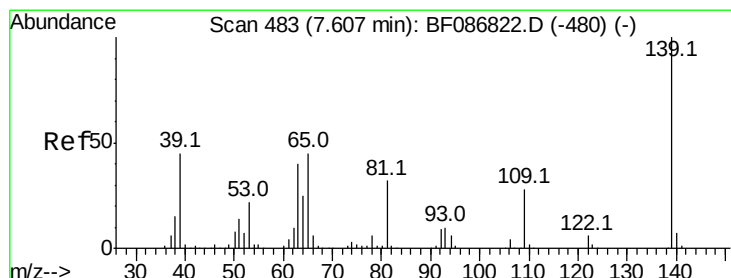
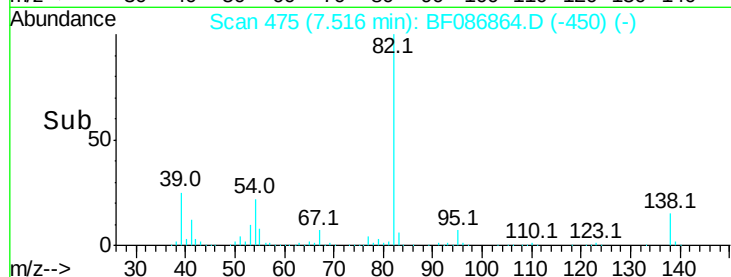
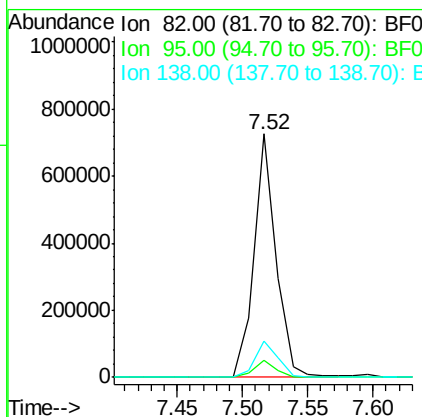
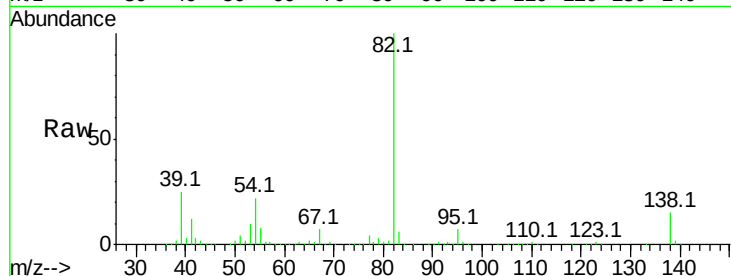
ClientSampleId :

PB90444BS

Tot Ion:	82	Resp:	857531
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.1	7.7
138	14.6	12.4	18.6

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#26

2-Nitrophenol

Concen: 39.44 ng

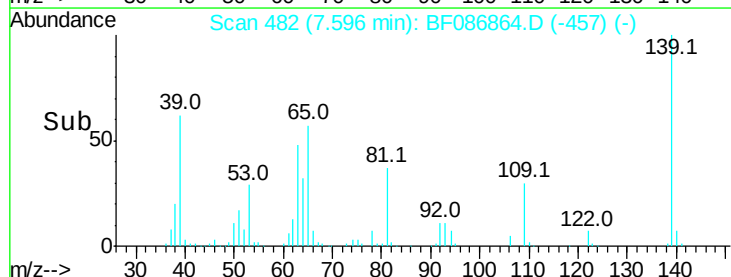
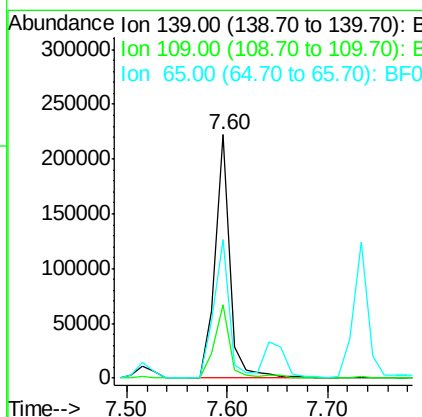
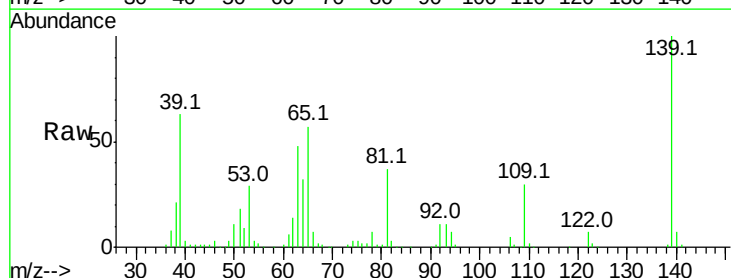
RT: 7.60 min Scan# 482

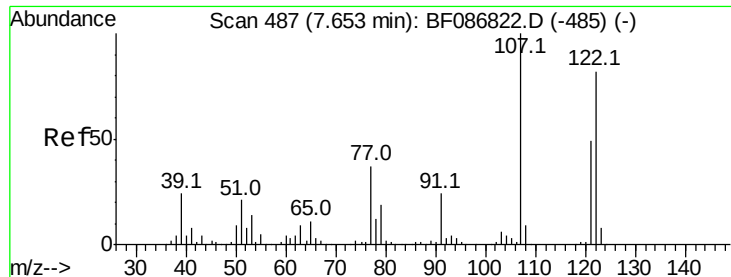
Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Tgt Ion:	139	Resp:	229045
Ion Ratio	Lower	Upper	
139	100		
109	30.2	19.5	29.3#
65	57.1	37.5	56.3#





#27

2,4-Dimethylphenol

Concen: 38.91 ng

RT: 7.65 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Instrument :

BNA_F

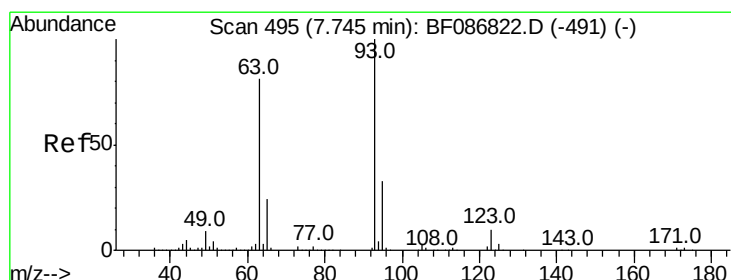
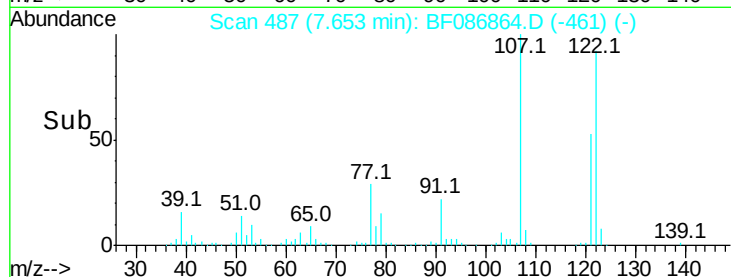
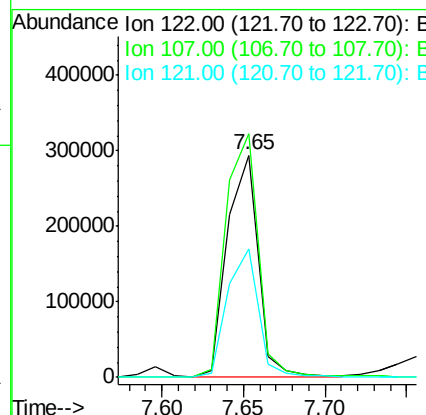
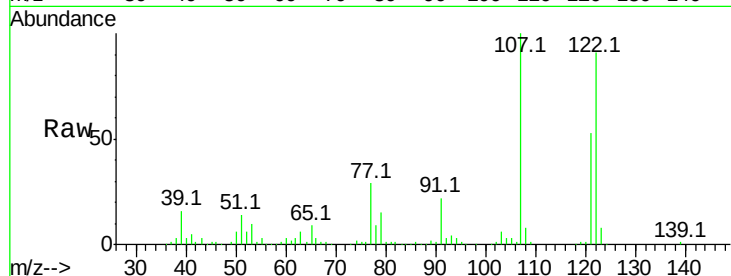
ClientSampleId :

PB90444BS

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	109.5	82.0		123.0	
121	58.0	46.1		69.1	



#28

bis(2-Chloroethoxy)methane

Concen: 40.02 ng

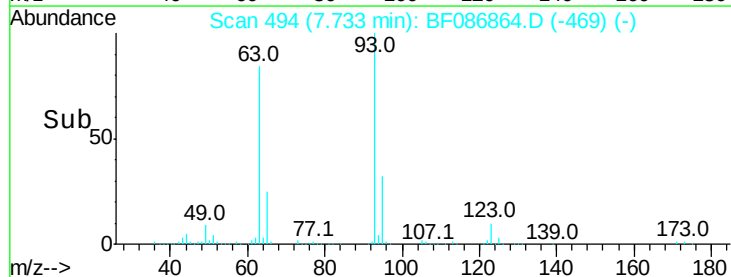
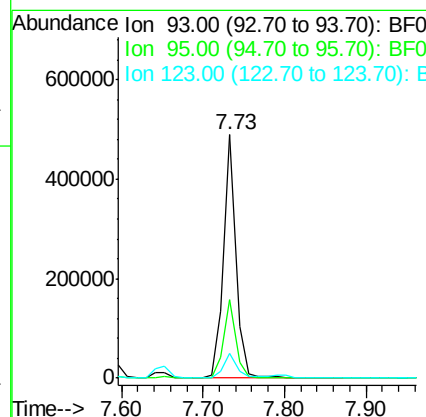
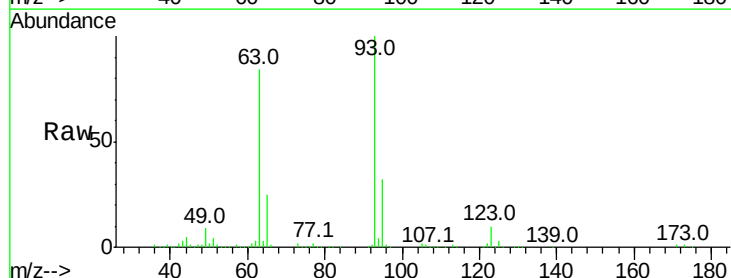
RT: 7.73 min Scan# 494

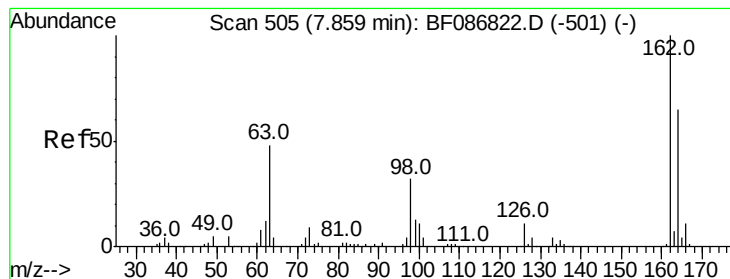
Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	32.5	26.0		39.0	
123	9.9	9.5		14.3	





#29

2,4-Dichlorophenol

Concen: 40.47 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Instrument :

BNA_F

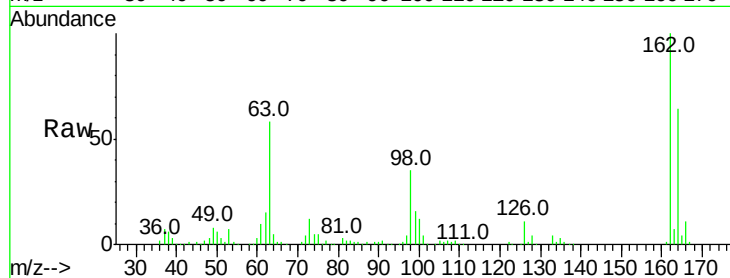
ClientSampleId :

PB90444BS

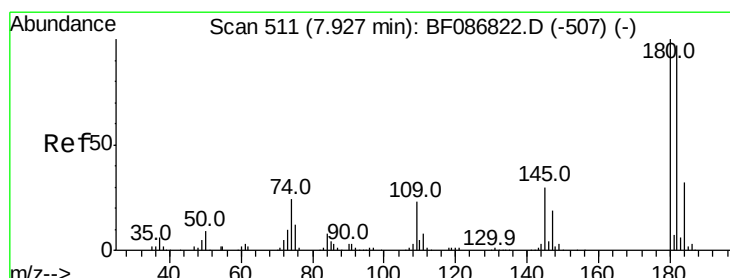
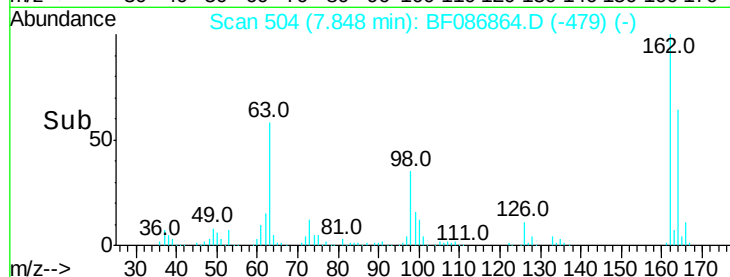
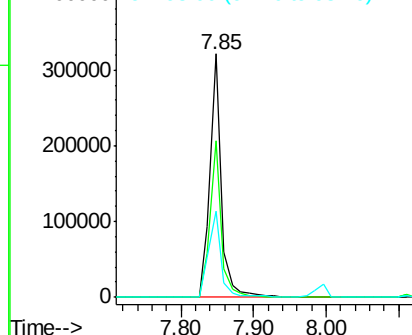
Tot Ion:	162	Resp:	352354
Ion Ratio	Lower	Upper	
162	100		
164	64.3	42.2	82.2
98	35.4	19.0	59.0

Manual Integrations
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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 38.75 ng

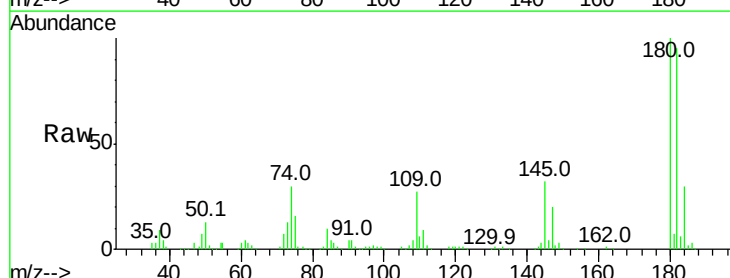
RT: 7.92 min Scan# 510

Delta R.T. -0.01 min

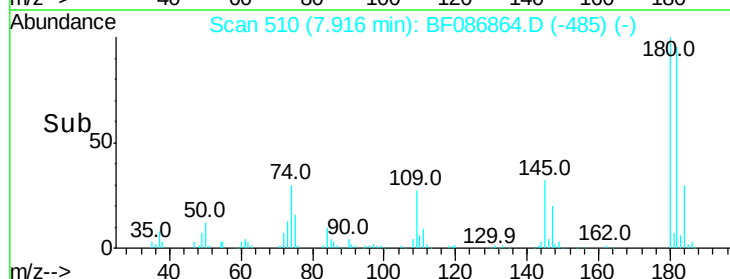
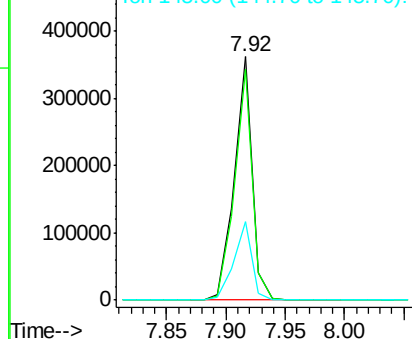
Lab File: BF086864.D

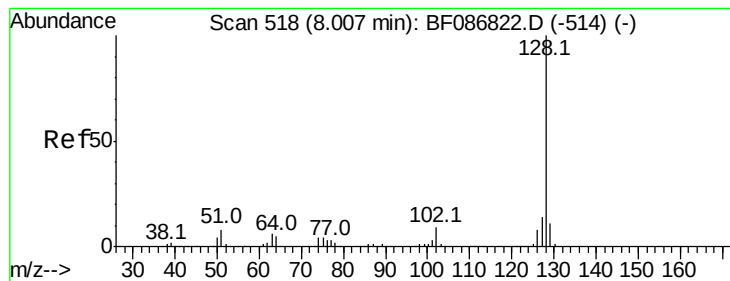
Acq: 10 May 2016 17:19

Tgt Ion:	180	Resp:	377204
Ion Ratio	Lower	Upper	
180	100		
182	95.0	78.0	117.0
145	32.3	24.2	36.2



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.72 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB90444BS

Tot Ion:128 Resp: 1250671

Ion Ratio Lower Upper

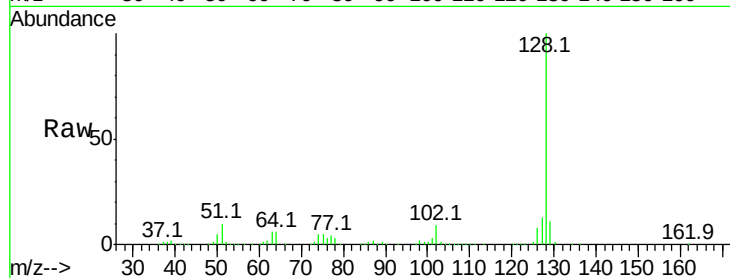
128 100

129 11.1 8.6 13.0

127 13.4 10.8 16.2

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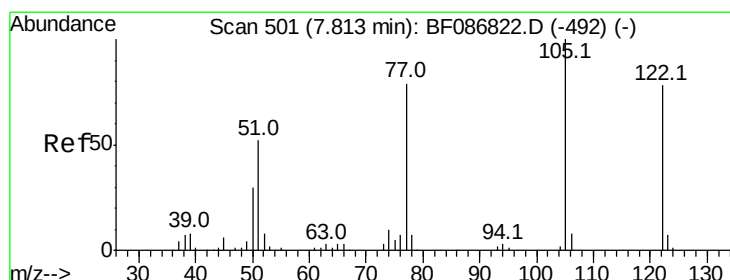
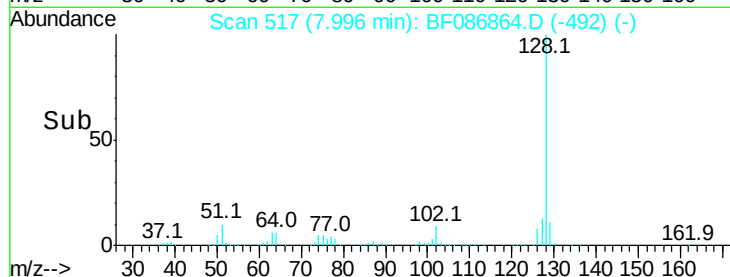
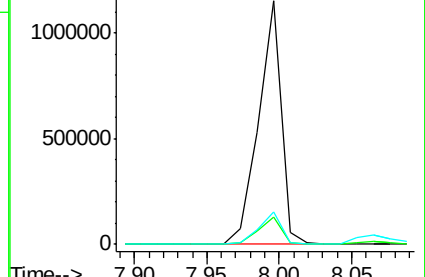
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.00 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

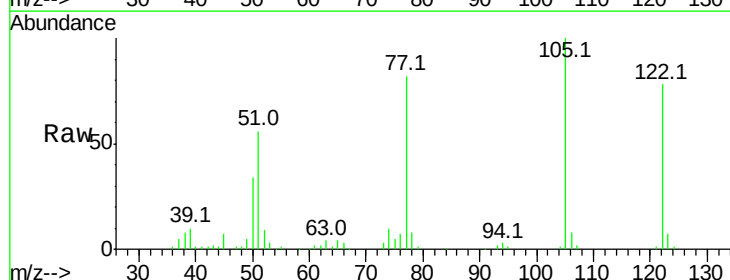
Tgt Ion:122 Resp: 203369

Ion Ratio Lower Upper

122 100

105 128.0 92.6 132.6

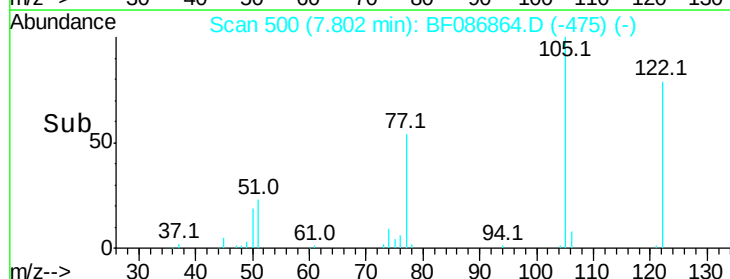
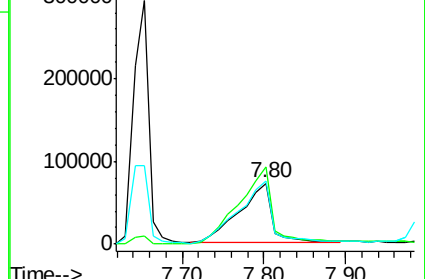
77 104.6 60.0 100.0#

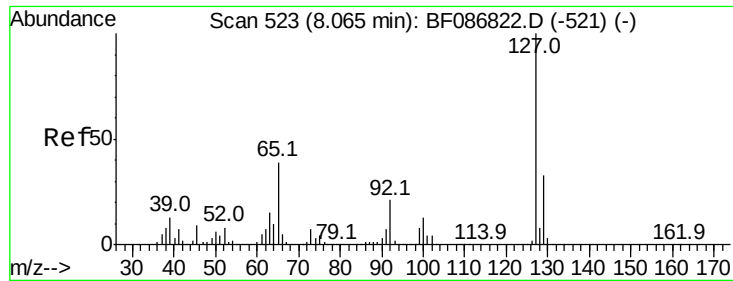


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





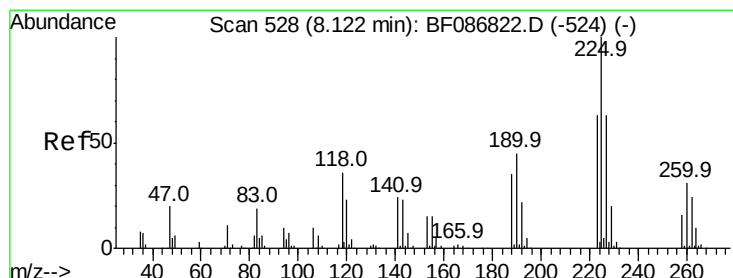
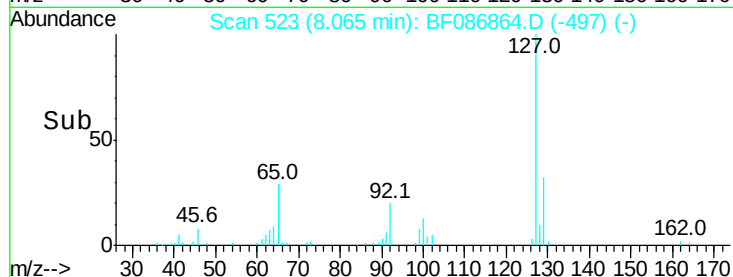
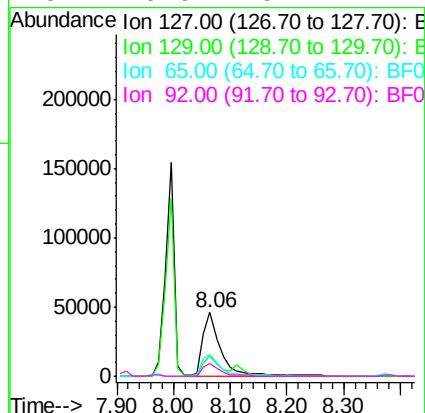
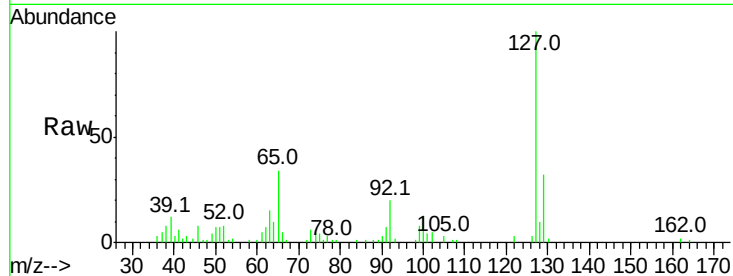
#33
4-Chloroaniline
Concen: 7.83 ng
RT: 8.06 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF086864.D
Acq: 10 May 2016 17:19

Instrument :
BNA_F
ClientSampleId :
PB90444BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.0	26.2	39.4		
65	34.3	23.0	34.4		
92	19.6	15.1	22.7		

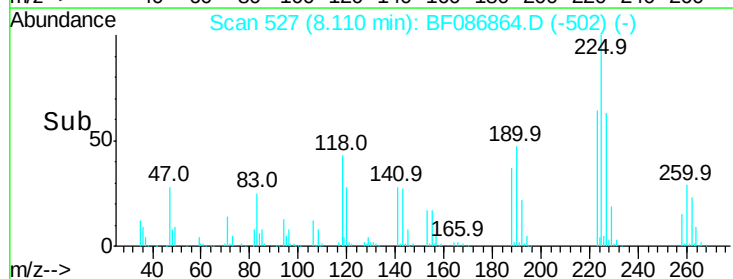
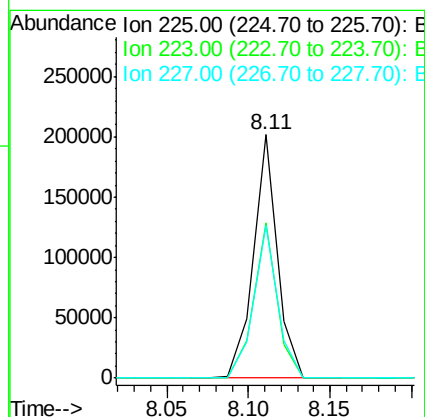
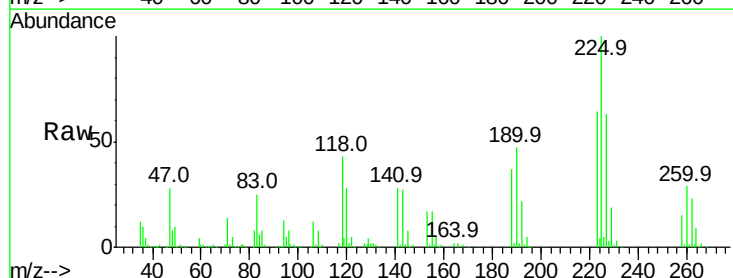
Manual Integrations
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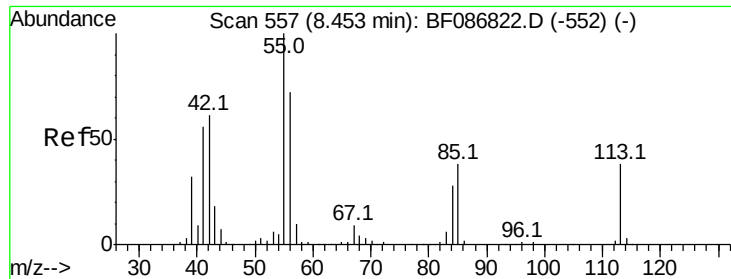
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#34
Hexachlorobutadiene
Concen: 36.47 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.01 min
Lab File: BF086864.D
Acq: 10 May 2016 17:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.8	51.5	77.3		
227	62.9	52.2	78.2		





#35

Caprolactam

Concen: 37.83 ng/ml

RT: 8.43 min Scan# 555

Delta R.T. -0.02 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Instrument :

BNA_F

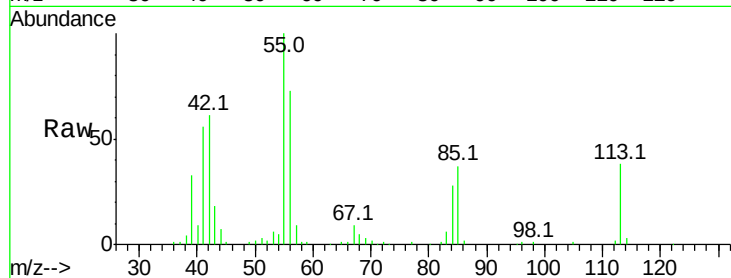
ClientSampleId :

PB90444BS

Tot Ion:	113	Resp:	112060
Ion Ratio	Lower	Upper	
113	100		
55	261.1	162.0	202.0#
56	190.7	115.3	155.3#

Manual Integrations
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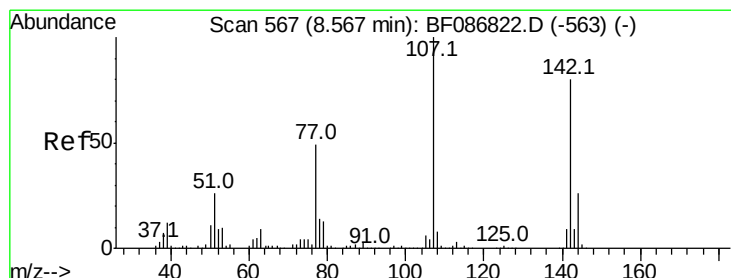
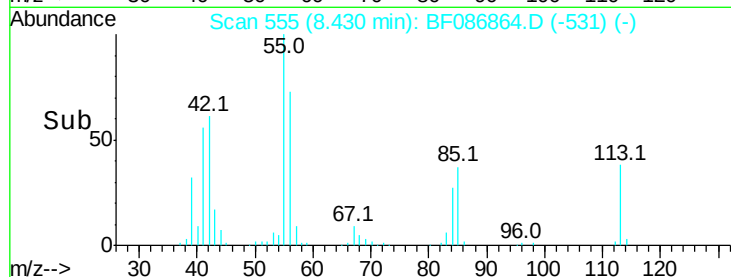
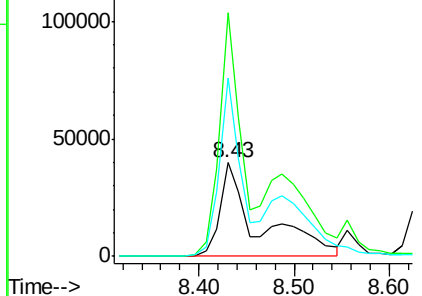
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 36.22 ng/ml

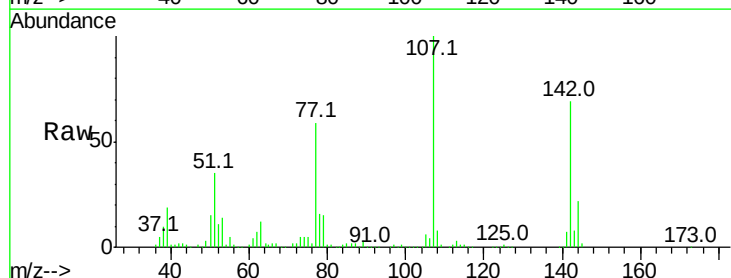
RT: 8.56 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

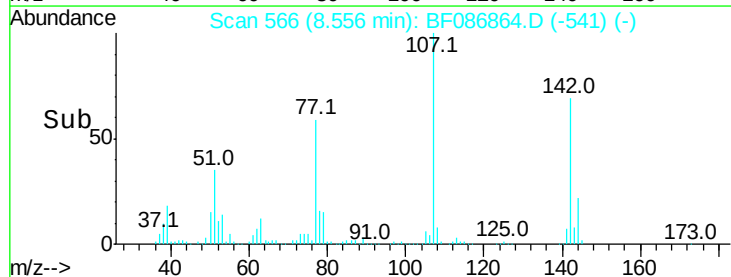
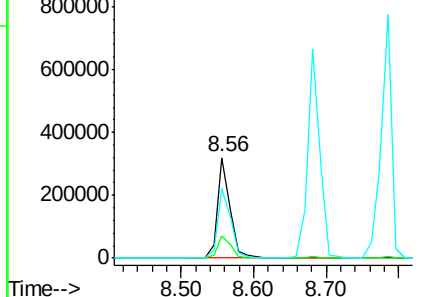
Tgt Ion:	107	Resp:	382432
Ion Ratio	Lower	Upper	
107	100		
144	21.7	20.7	31.1
142	68.9	63.2	94.8

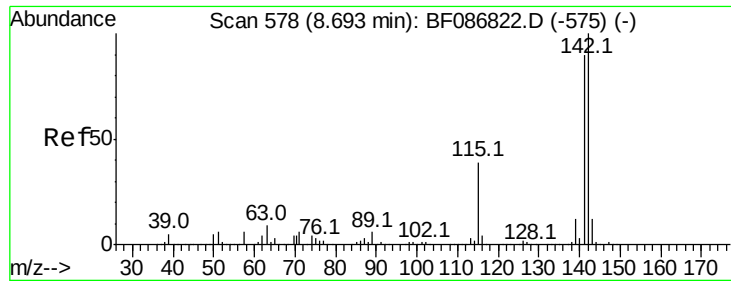


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





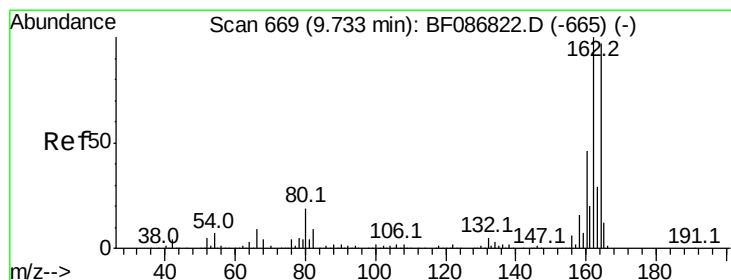
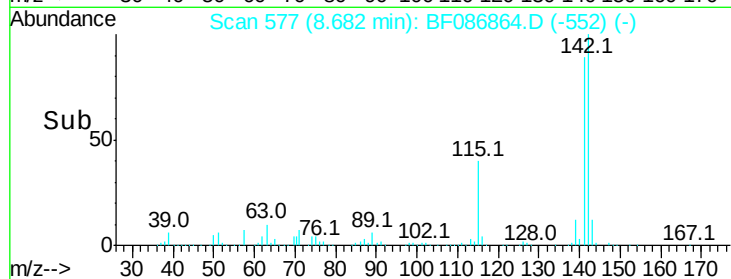
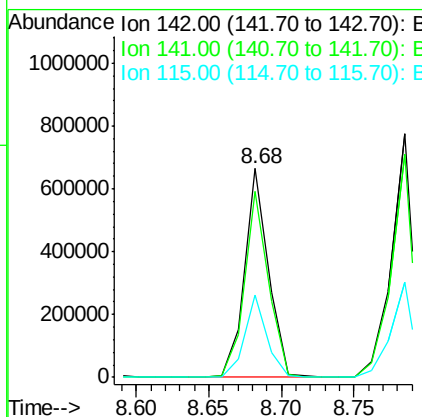
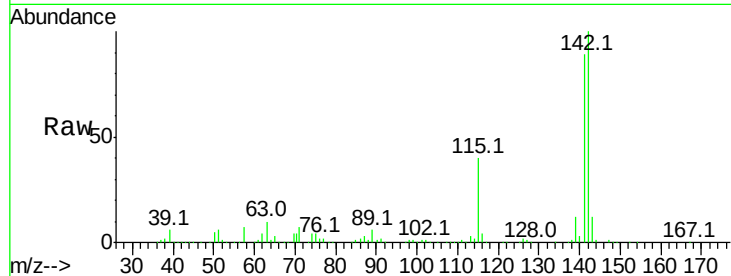
#37
2-Methylnaphthalene
Concen: 39.99 ng
RT: 8.68 min Scan# 577
Delta R.T. -0.01 min
Lab File: BF086864.D
Acq: 10 May 2016 17:19

Instrument :
BNA_F
ClientSampled :
PB90444BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	755209		
141	89.1		71.0	106.6
115	39.7		26.6	39.8

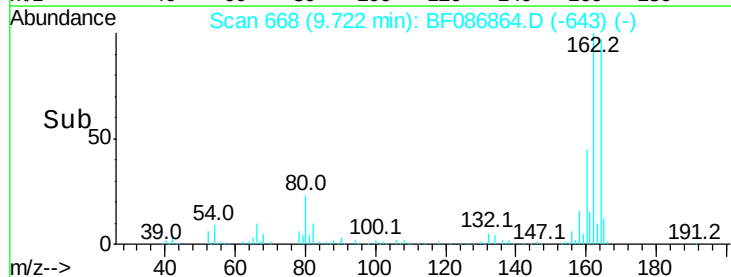
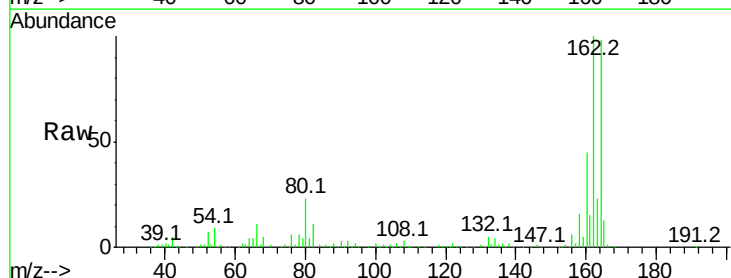
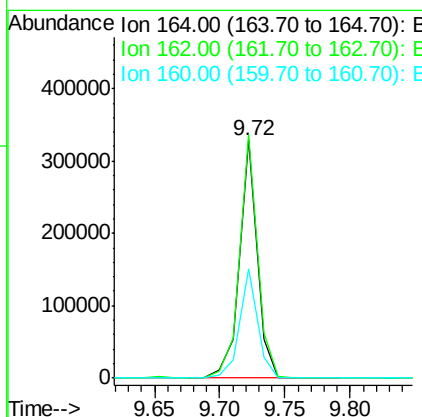
Manual Integrations
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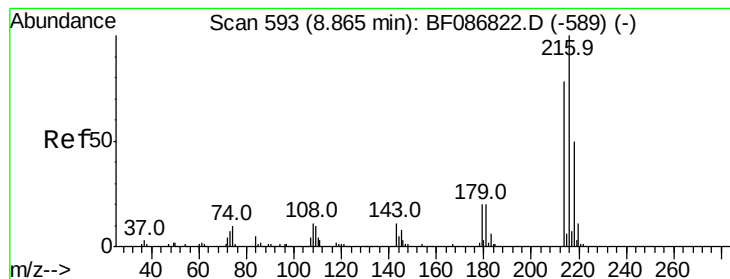
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF086864.D
Acq: 10 May 2016 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	308471		
162	102.3		82.8	124.2
160	46.1		36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.84 ng

RT: 8.85 min Scan# 592

Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Instrument :

BNA_F

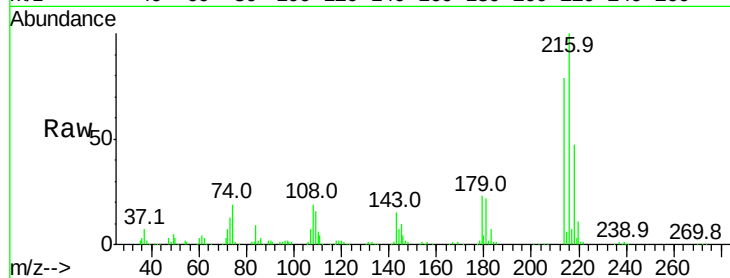
ClientSampleId :

PB90444BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	348324		
214	78.9	62.6	93.8	
179	23.6	18.2	27.4	
108	25.4	17.5	26.3	

Manual Integrations
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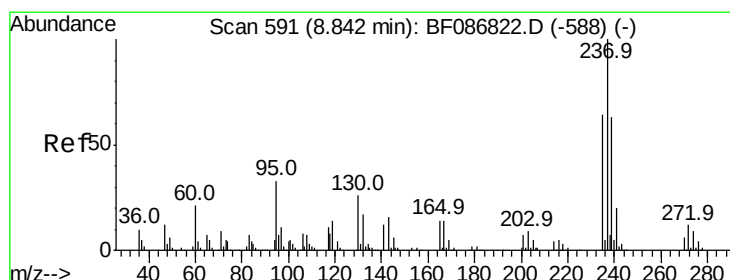
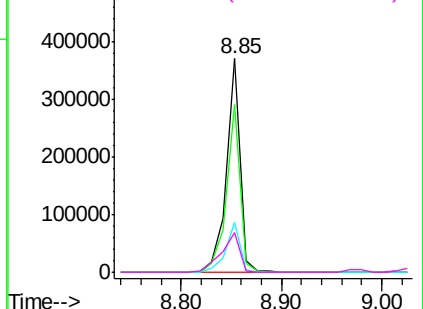
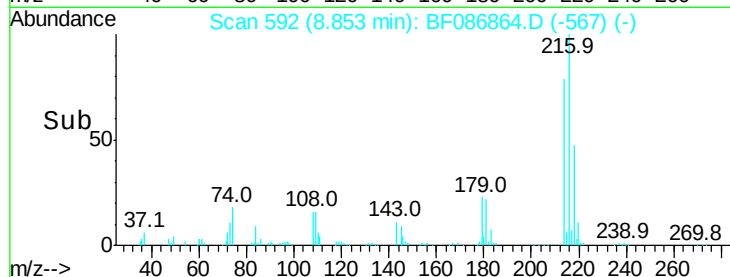


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 85.67 ng

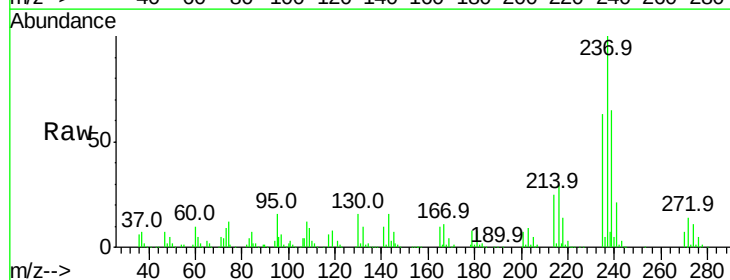
RT: 8.84 min Scan# 591

Delta R.T. 0.00 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

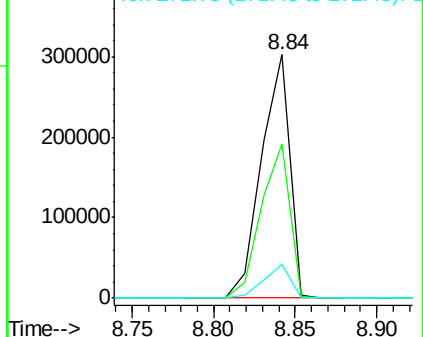
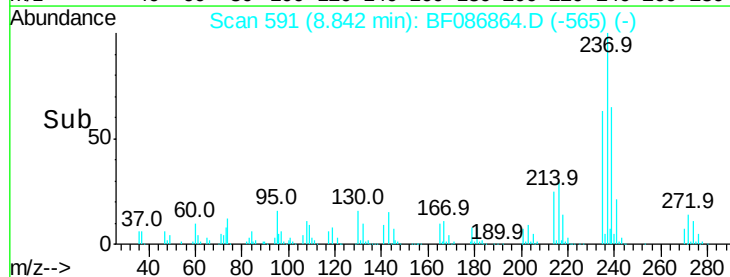
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	364700		
235	63.4	47.2	87.2	
272	13.7	0.0	31.1	

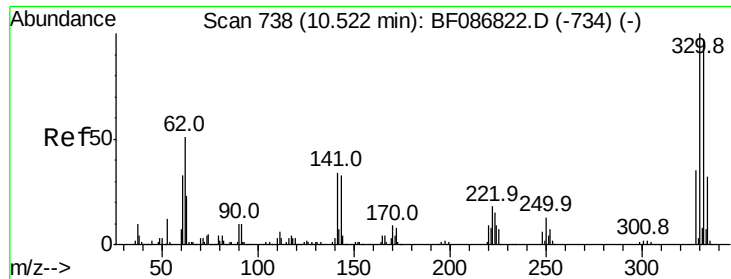


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





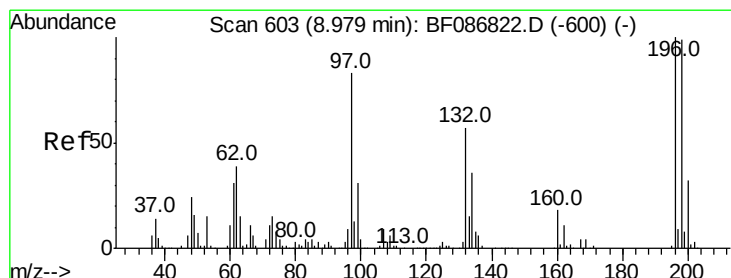
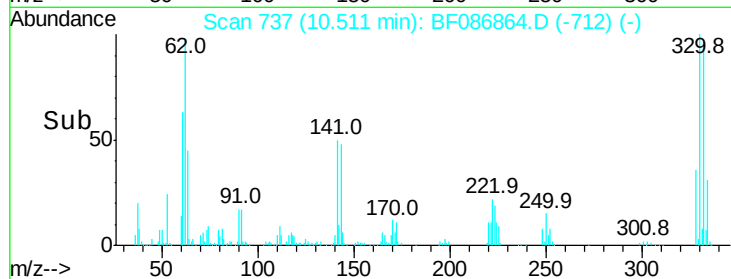
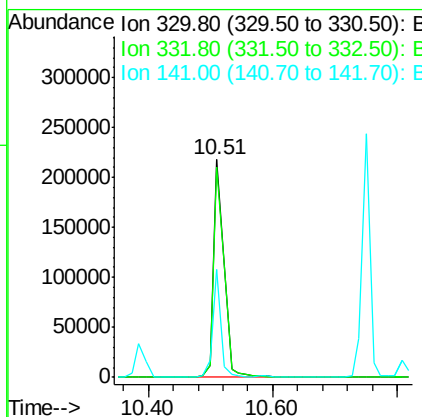
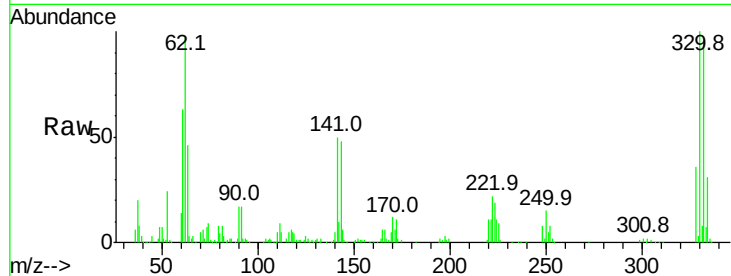
#41
 2,4,6-Tribromophenol
 Concen: 77.92 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF086864.D
 Acq: 10 May 2016 17:19

Instrument :
 BNA_F
 ClientSampleId :
 PB90444BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	254452		
332	96.9	79.0	118.4	
141	38.7	31.2	46.8	

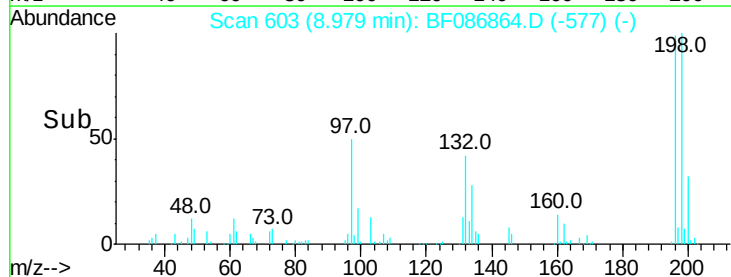
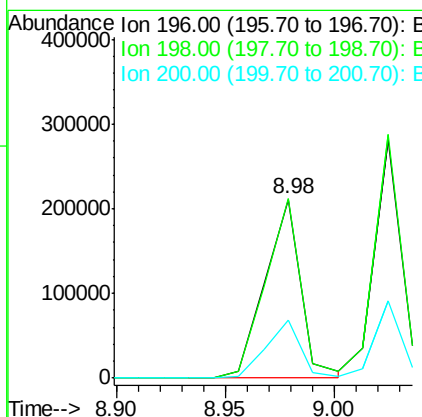
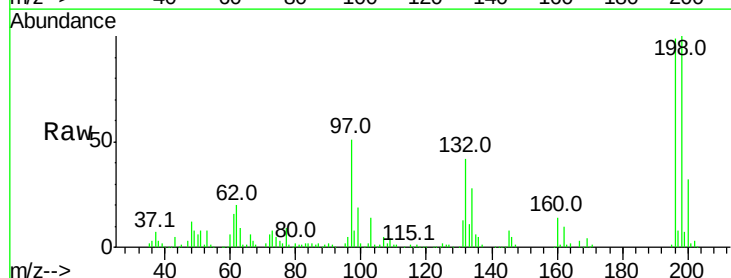
Manual Integrations
 APPROVED

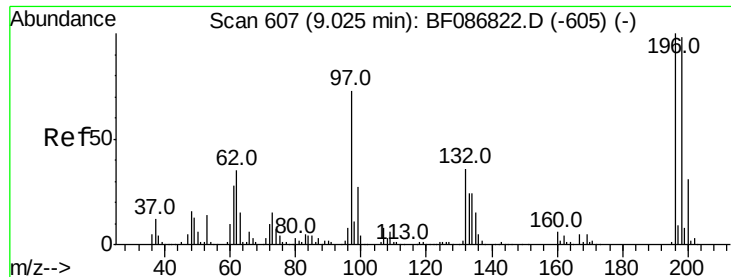
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 5/11/2016 8:15:12 PM



#42
 2,4,6-Trichlorophenol
 Concen: 40.49 ng
 RT: 8.98 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF086864.D
 Acq: 10 May 2016 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	242840		
198	100.9	74.7	112.1	
200	32.7	23.8	35.6	





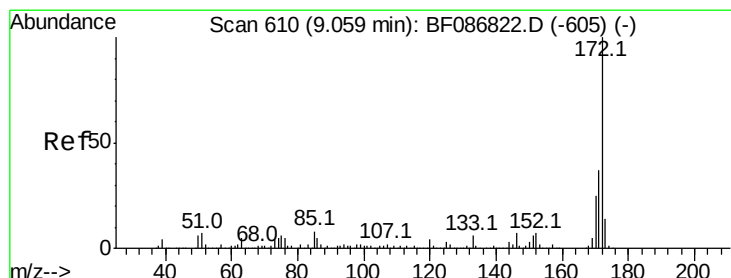
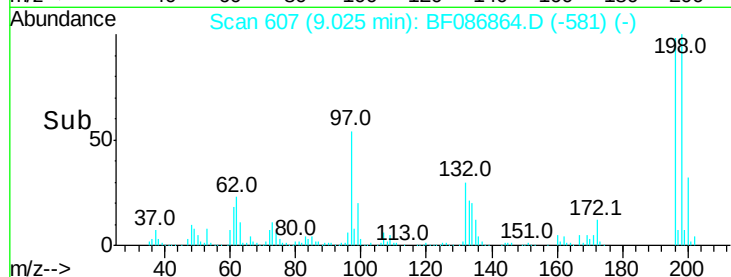
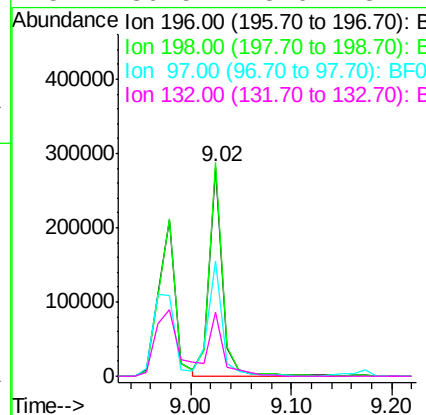
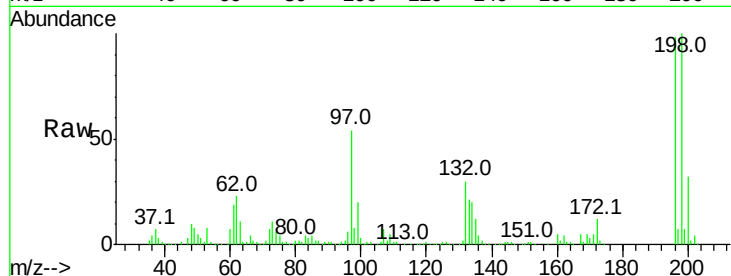
#43
 2,4,5-Trichlorophenol
 Concen: 41.39 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF086864.D
 Acq: 10 May 2016 17:19

Instrument :
 BNA_F
 ClientSampleId :
 PB90444BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	256691		
198	102.2	77.5	116.3	
97	55.2	34.8	52.2	
132	30.5	23.0	34.4	

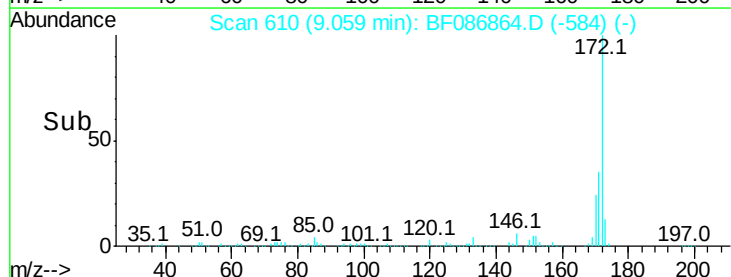
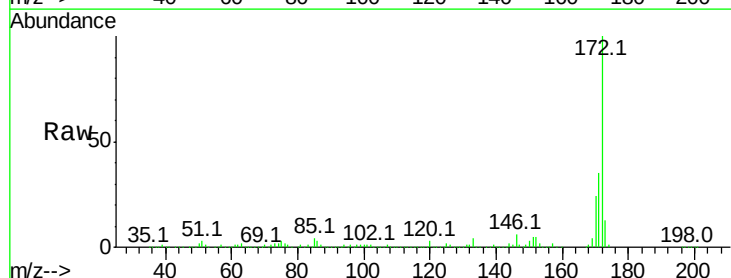
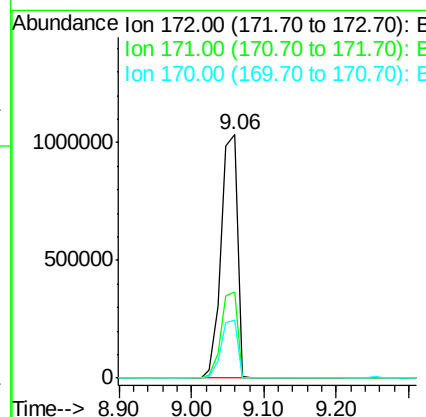
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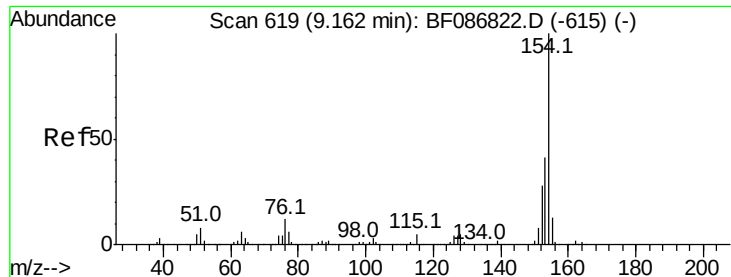
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#44
 2-Fluorobiphenyl
 Concen: 88.68 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF086864.D
 Acq: 10 May 2016 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1627724		
171	35.3	29.0	43.6	
170	23.8	19.8	29.8	





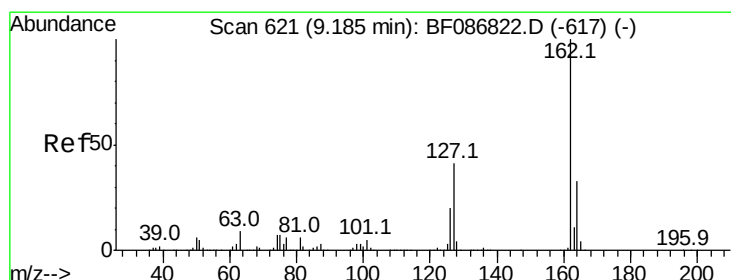
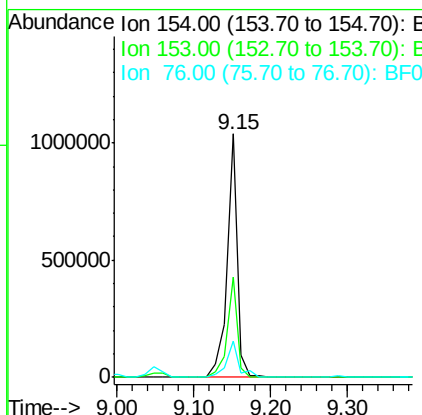
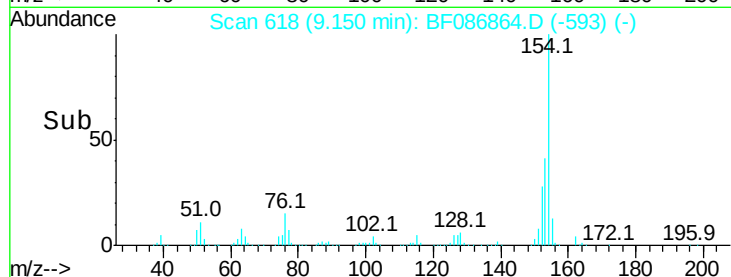
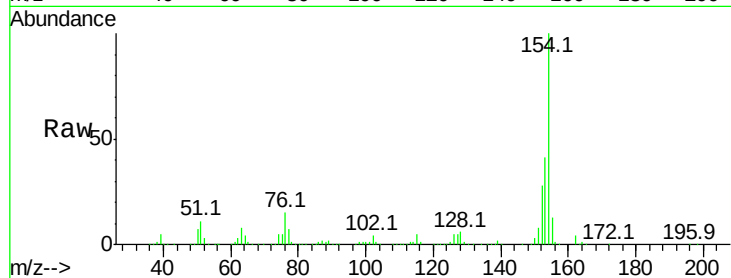
#45
 1,1'-Biphenyl
 Concen: 39.97 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF086864.D
 Acq: 10 May 2016 17:19

Instrument :
 BNA_F
 ClientSampled :
 PB90444BS

Tot Ion:	154	Resp:	980806
Ion Ratio	Lower	Upper	
154	100		
153	41.0	20.3	60.3
76	14.9	0.0	30.2

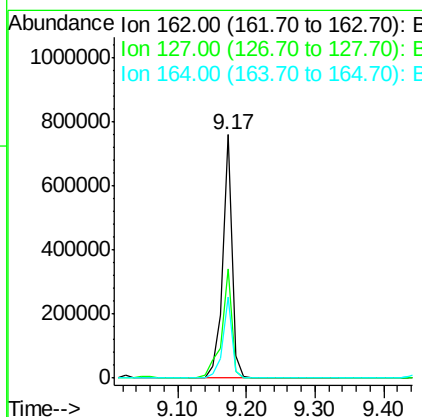
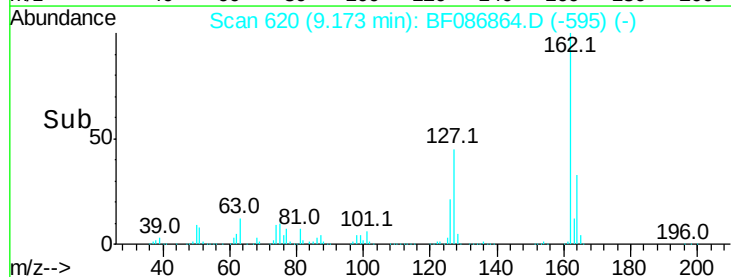
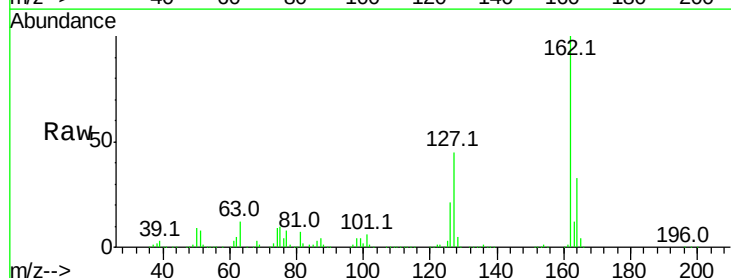
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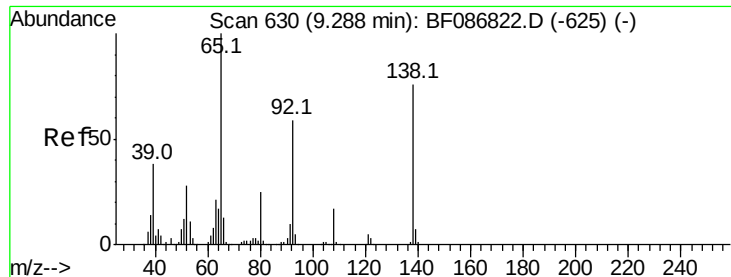
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#46
 2-Chloronaphthalene
 Concen: 38.44 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF086864.D
 Acq: 10 May 2016 17:19

Tgt Ion:	162	Resp:	738955
Ion Ratio	Lower	Upper	
162	100		
127	44.8	31.8	47.6
164	33.2	27.0	40.6





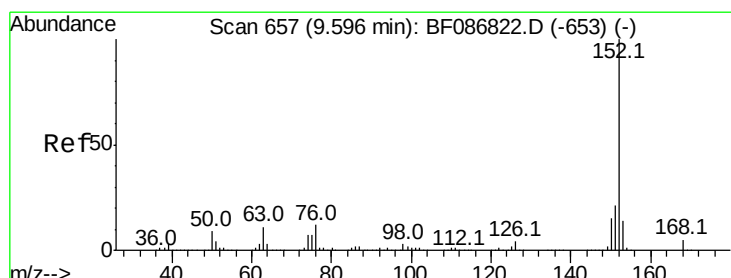
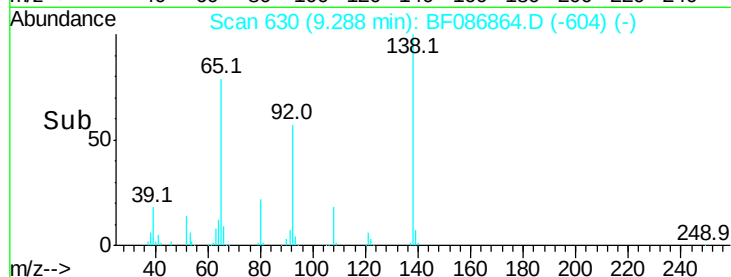
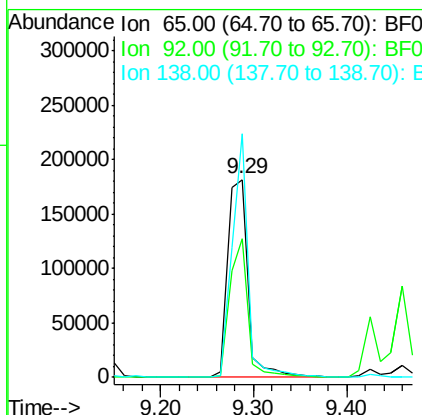
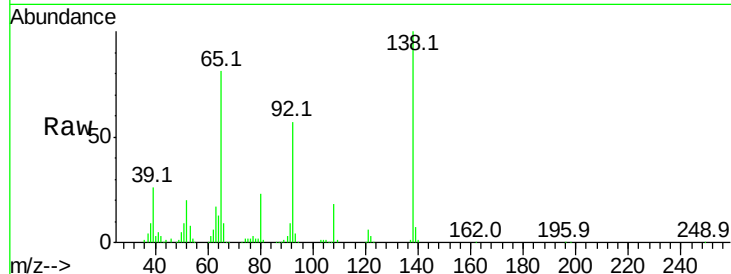
#47
2-Nitroaniline
Concen: 39.61 ng
RT: 9.29 min Scan# 630
Delta R.T. 0.00 min
Lab File: BF086864.D
Acq: 10 May 2016 17:19

Instrument :
BNA_F
ClientSampleId :
PB90444BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.3	57.4	86.2
138	122.9	90.1	135.1

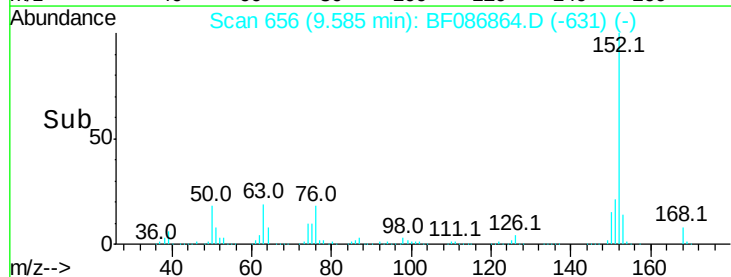
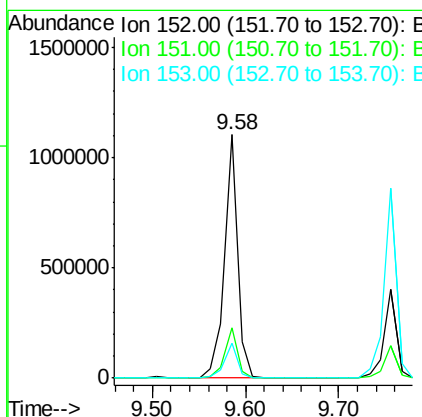
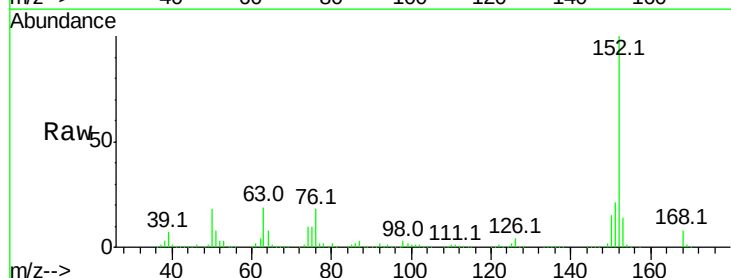
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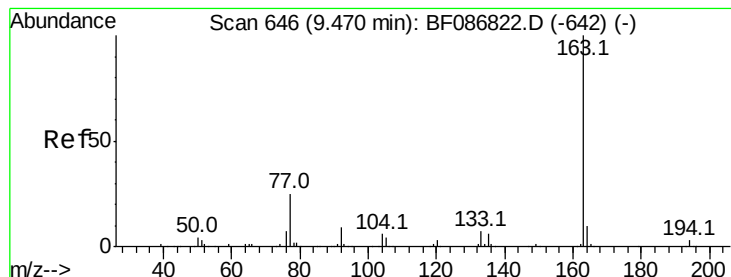
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#48
Acenaphthylene
Concen: 38.14 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF086864.D
Acq: 10 May 2016 17:19

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	14.2	10.9	16.3





#49

Dimethylphthalate

Concen: 37.60 ng

RT: 9.46 min Scan# 645

Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Instrument :

BNA_F

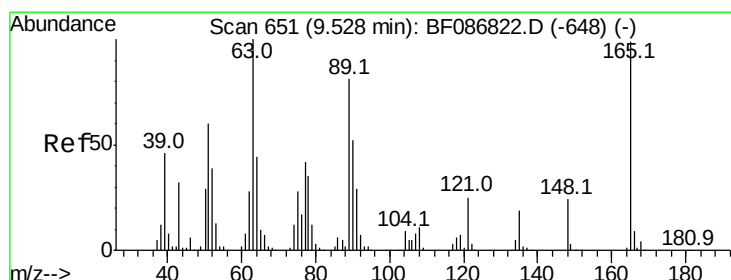
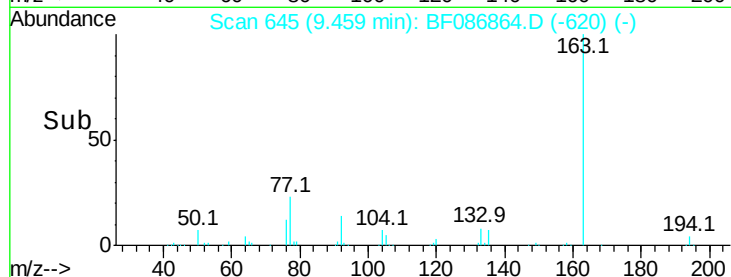
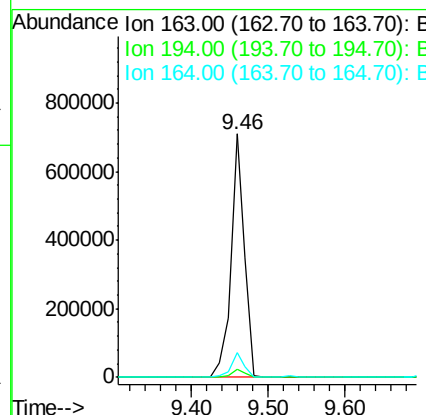
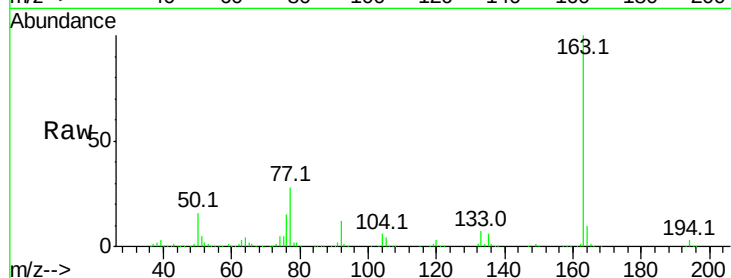
ClientSampleId :

PB90444BS

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Tot Ion	163	Resp	884836
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.6	4.0
164	10.4	8.2	12.4



#50

2,6-Dinitrotoluene

Concen: 43.78 ng

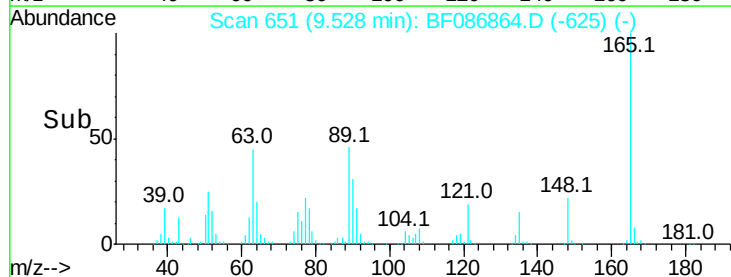
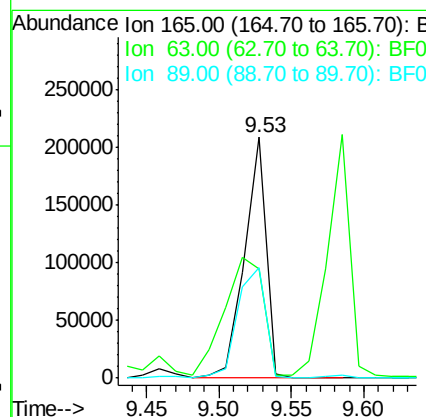
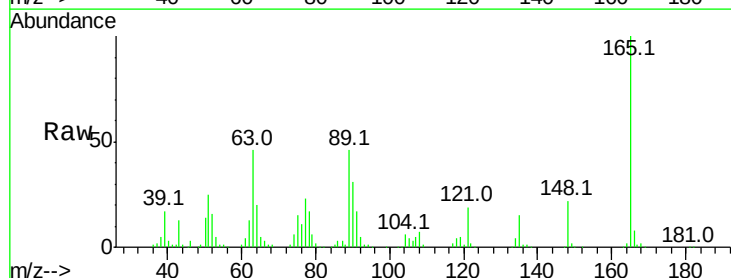
RT: 9.53 min Scan# 651

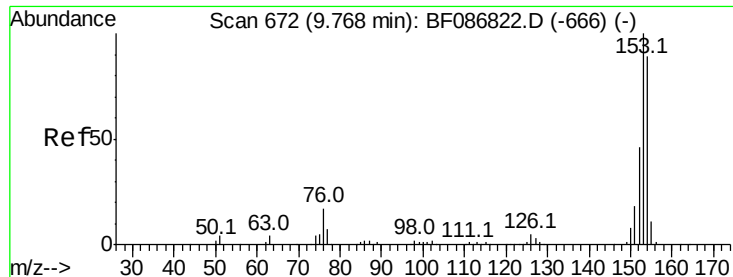
Delta R.T. 0.00 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Tgt Ion	165	Resp	216824
Ion Ratio	Lower	Upper	
165	100		
63	45.5	51.8	77.8#
89	45.9	50.7	76.1#





#51

Acenaphthene

Concen: 39.73 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Instrument :

BNA_F

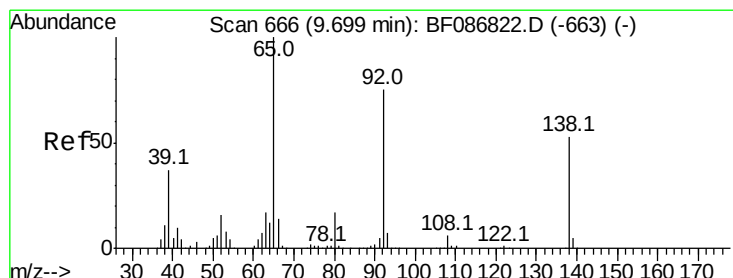
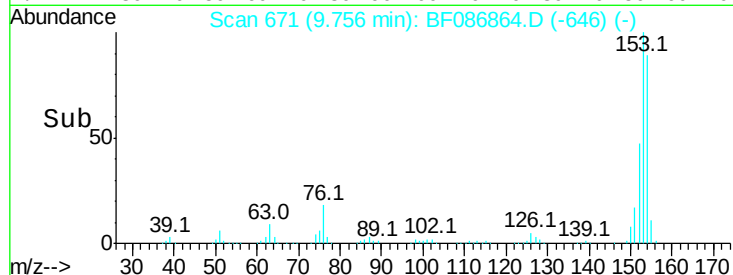
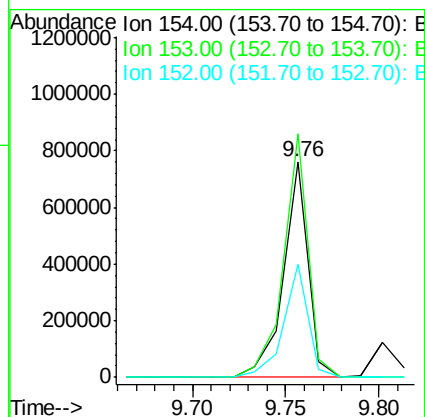
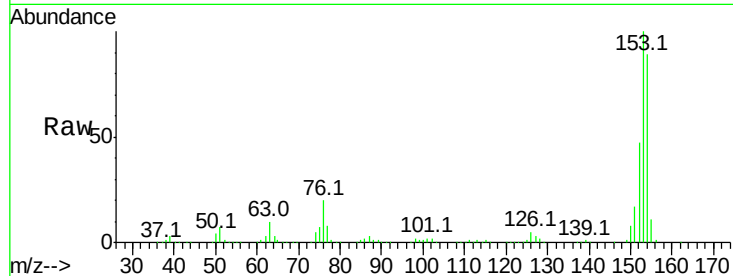
ClientSampleId :

PB90444BS

Tot Ion:	154	Resp:	698792
Ion Ratio	Lower	Upper	
154	100		
153	112.9	89.8	134.6
152	52.6	43.4	65.0

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#52

3-Nitroaniline

Concen: 14.57 ng

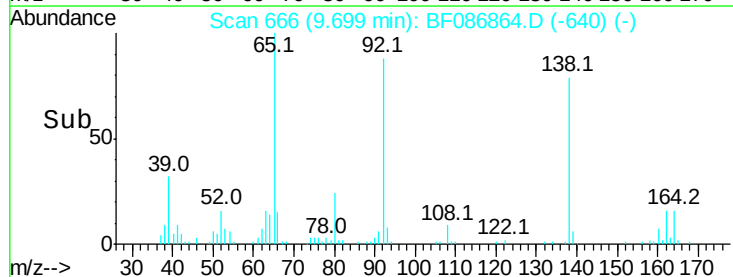
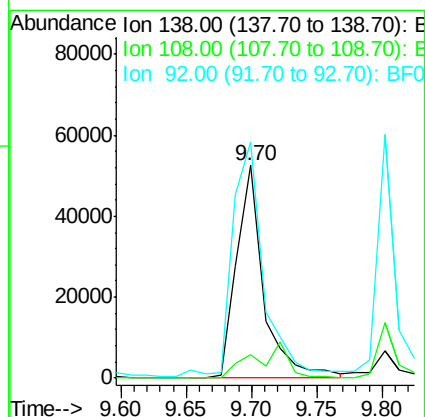
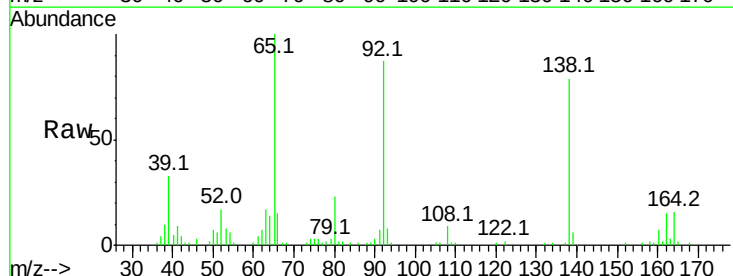
RT: 9.70 min Scan# 666

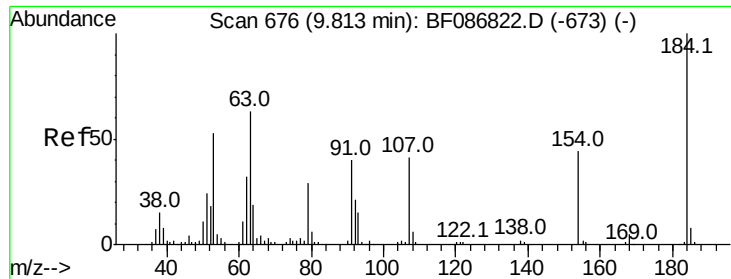
Delta R.T. 0.00 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Tgt Ion:	138	Resp:	75964
Ion Ratio	Lower	Upper	
138	100		
108	11.0	7.8	11.6
92	110.7	87.8	131.8





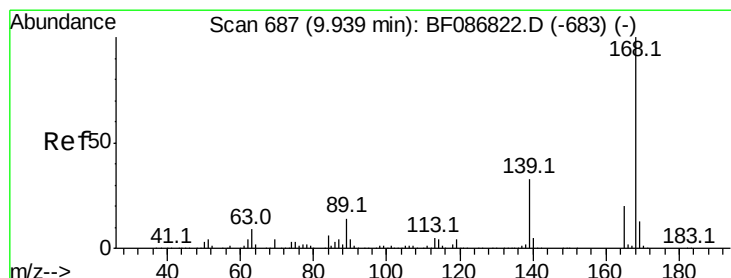
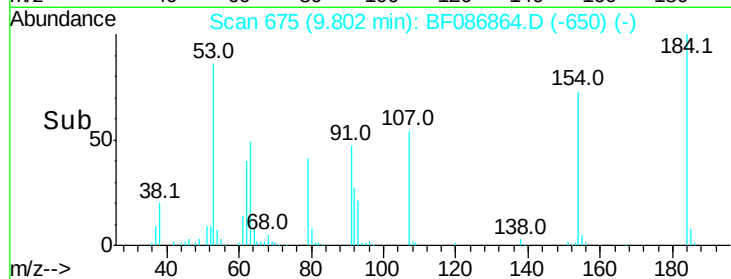
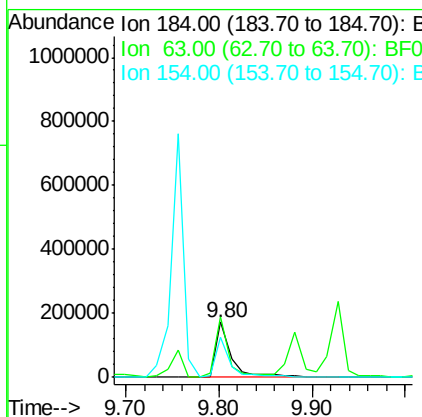
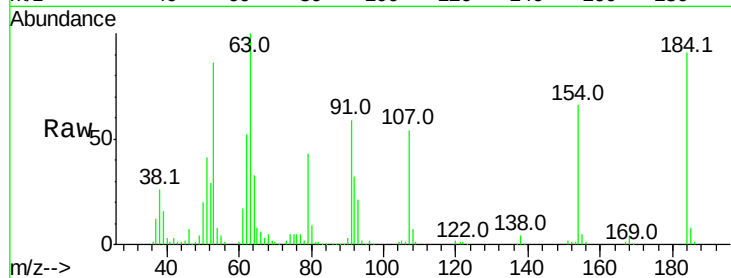
#53
 2,4-Dinitrophenol
 Concen: 79.15 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF086864.D
 Acq: 10 May 2016 17:19

Instrument :
 BNA_F
 ClientSampled :
 PB90444BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	200087		
63	109.4	55.8	83.8#	
154	72.7	62.4	93.6	

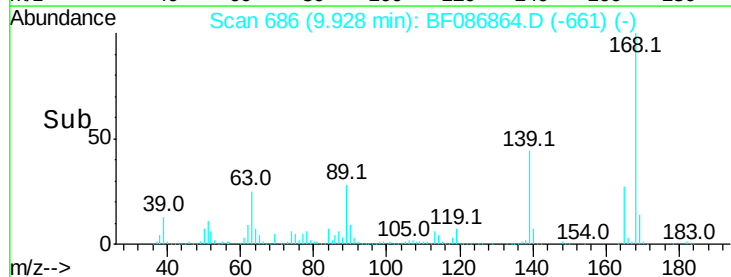
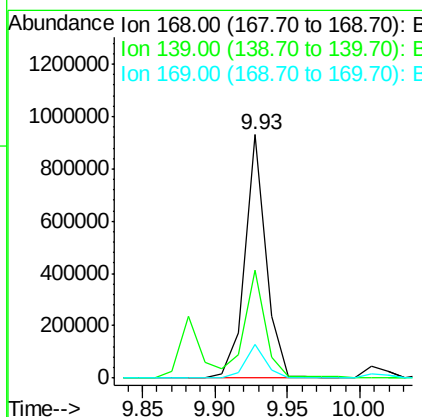
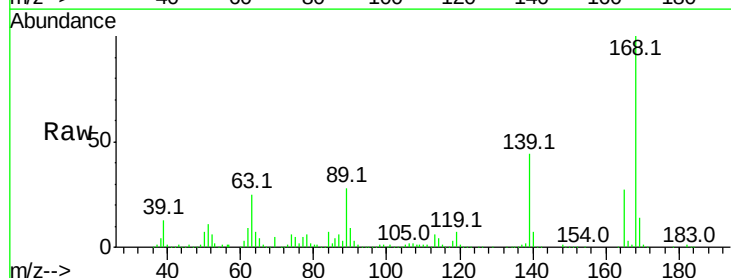
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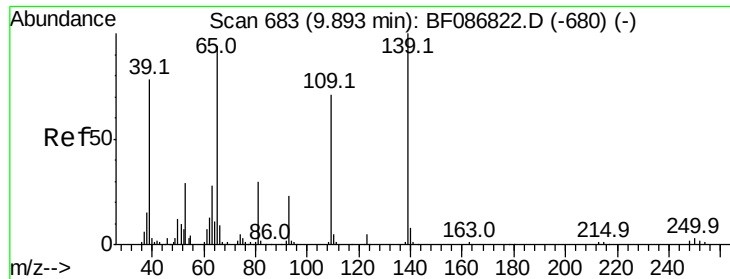
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#54
 Dibenzofuran
 Concen: 41.64 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF086864.D
 Acq: 10 May 2016 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	940240		
139	44.1	31.4	47.0	
169	13.8	10.7	16.1	





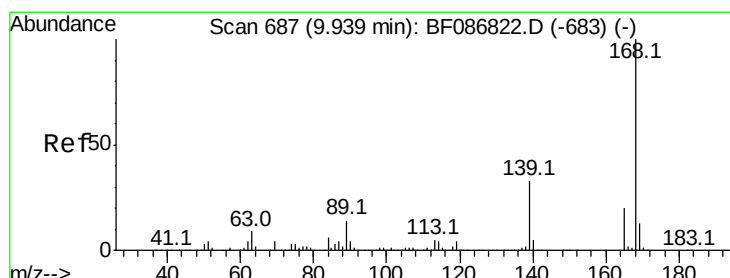
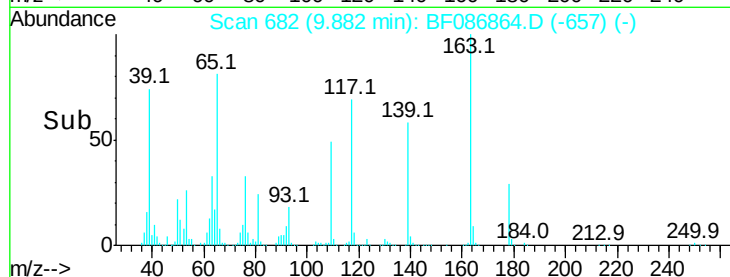
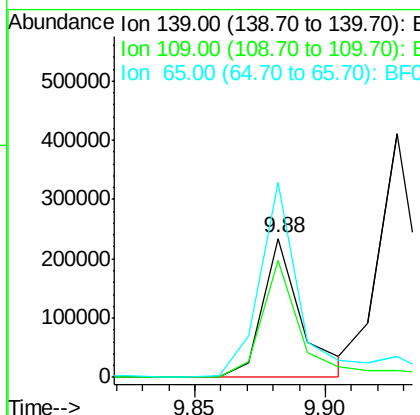
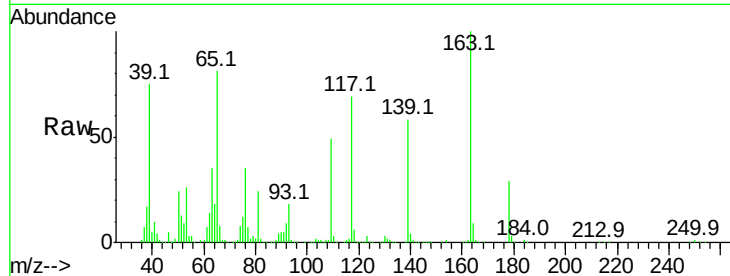
#55
4-Nitrophenol
Concen: 70.30 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF086864.D
Acq: 10 May 2016 17:19

Instrument :
BNA_F
ClientSampleId :
PB90444BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	242362		
109	84.1	36.9	76.9#	
65	140.4	64.0	104.0#	

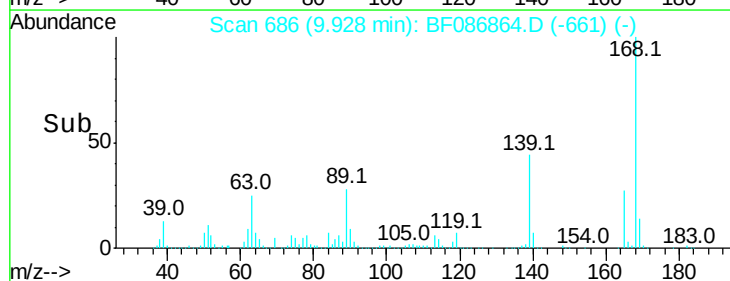
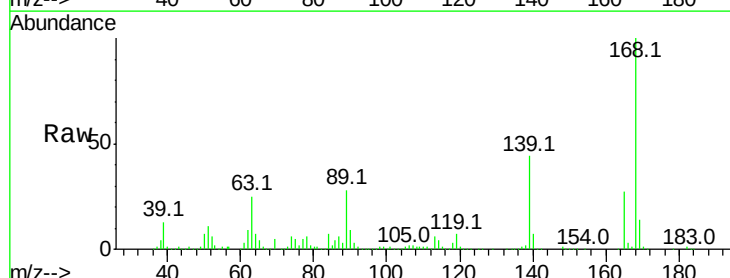
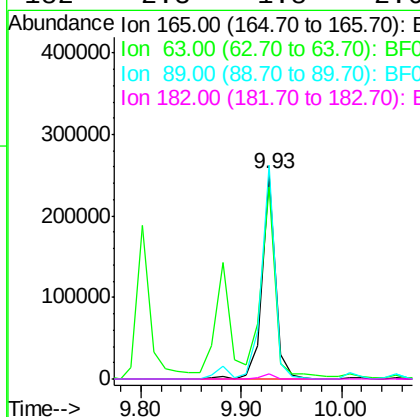
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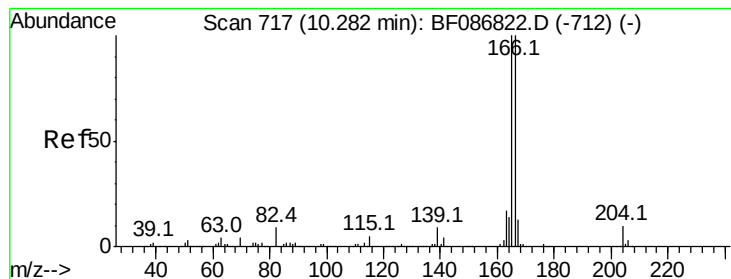
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#56
2,4-Dinitrotoluene
Concen: 38.11 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF086864.D
Acq: 10 May 2016 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	233561		
63	93.9	44.3	66.5#	
89	104.3	70.0	105.0	
182	2.3	1.8	2.6	





#57

Fluorene

Concen: 40.14 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Instrument :

BNA_F

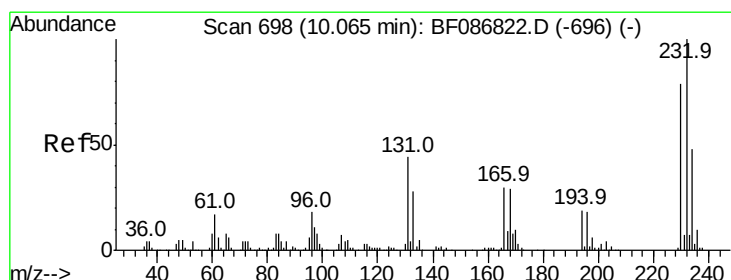
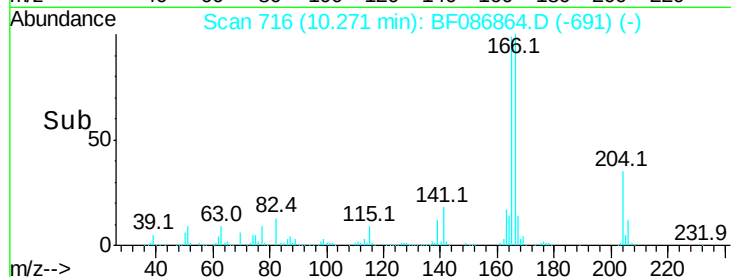
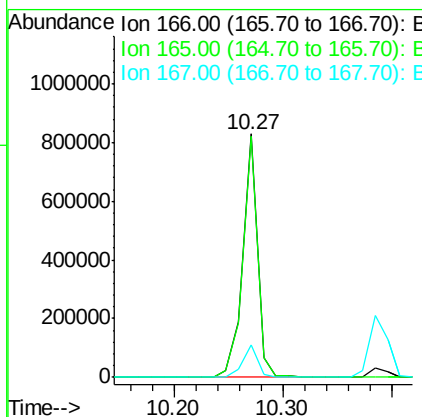
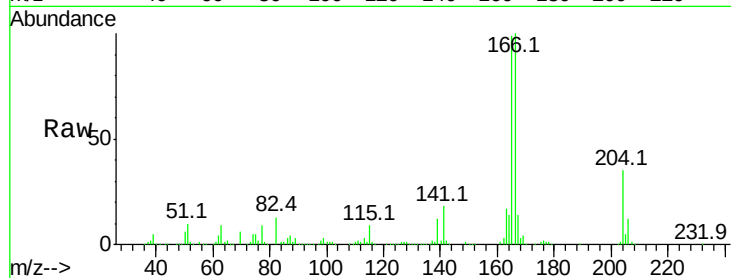
ClientSampled :

PB90444BS

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Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.0	79.0	118.6	
167	13.5	10.6	15.8	



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.64 ng

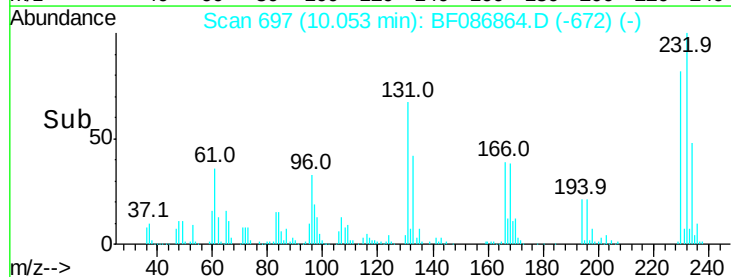
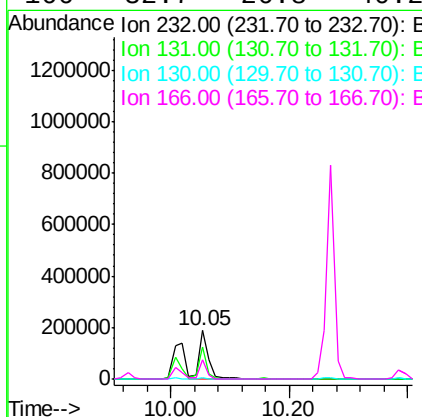
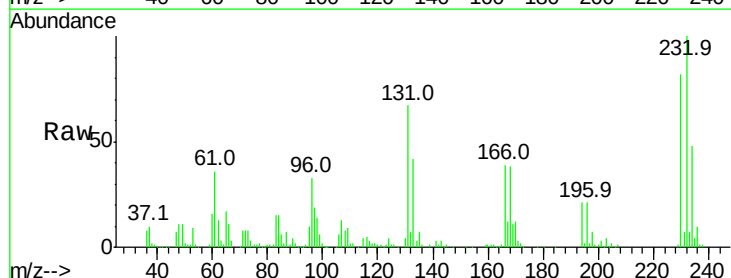
RT: 10.05 min Scan# 697

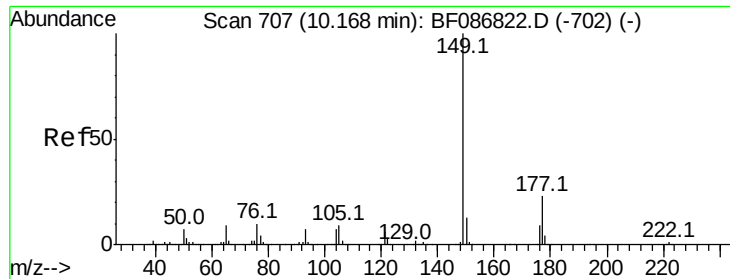
Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	55.8	41.9	62.9	
130	2.9	2.2	3.4	
166	32.7	26.8	40.2	





#59

Diethylphthalate

Concen: 36.82 ng

RT: 10.16 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Instrument :

BNA_F

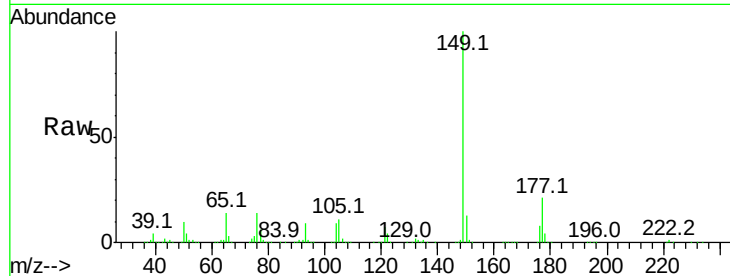
ClientSampleId :

PB90444BS

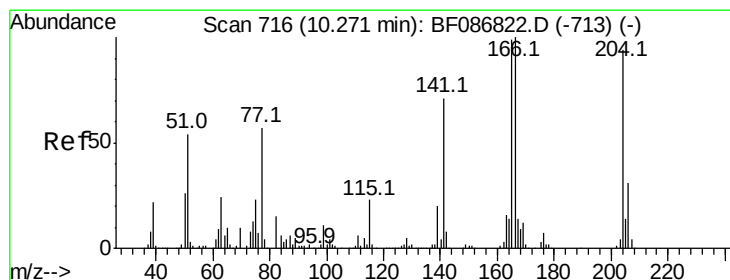
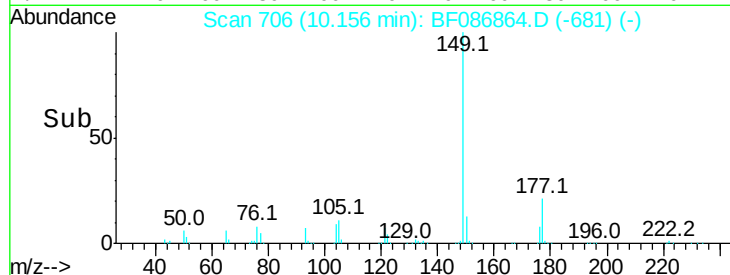
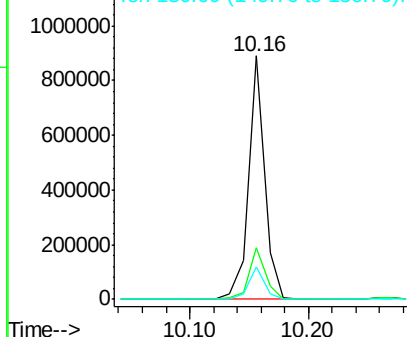
Tot Ion:	149	Resp:	844407
Ion Ratio	Lower	Upper	
149	100		
177	21.4	16.6	24.8
150	13.2	10.0	15.0

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



#60

4-Chlorophenyl-phenylether

Concen: 43.82 ng

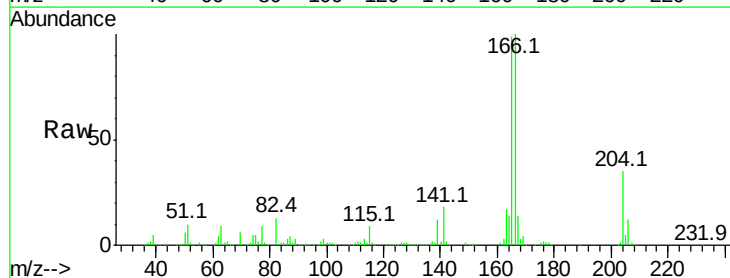
RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

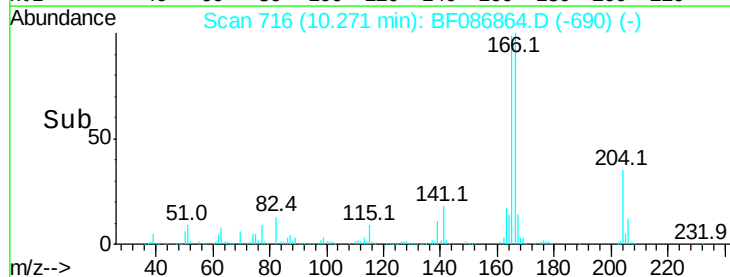
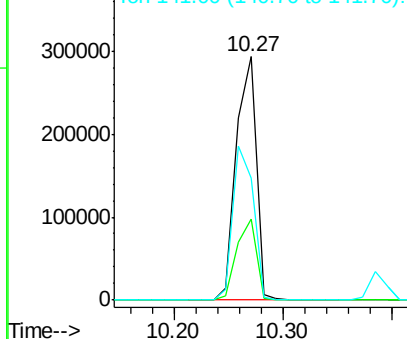
Lab File: BF086864.D

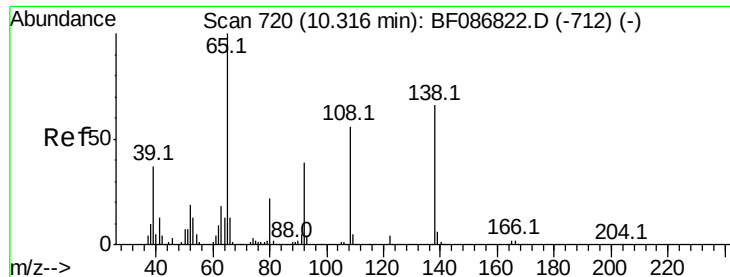
Acq: 10 May 2016 17:19

Tgt Ion:	204	Resp:	369483
Ion Ratio	Lower	Upper	
204	100		
206	33.4	25.4	38.0
141	50.3	61.6	92.4#



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





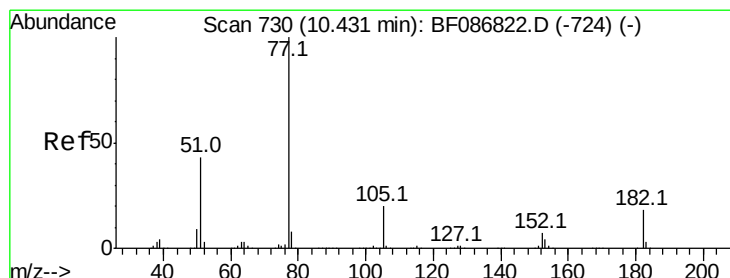
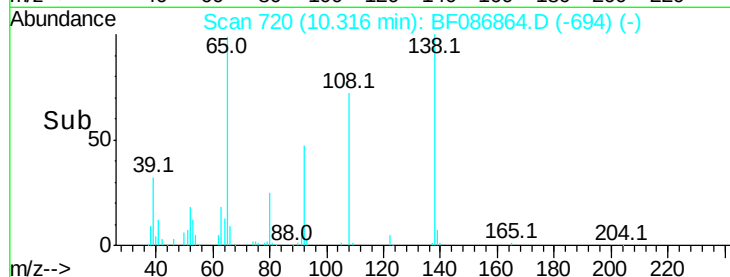
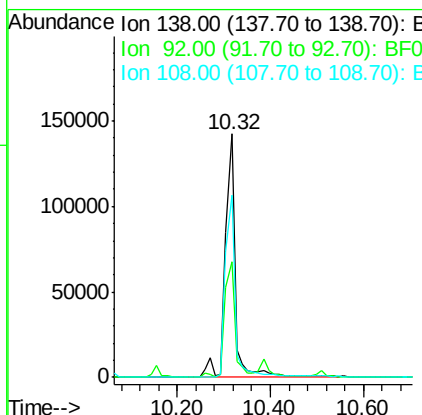
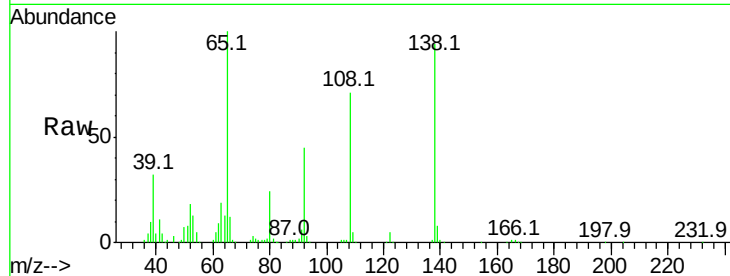
#61
4-Nitroaniline
Concen: 41.02 ng
RT: 10.32 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF086864.D
Acq: 10 May 2016 17:19

Instrument :
BNA_F
ClientSampleId :
PB90444BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.4	24.7	64.7
108	74.9	37.4	77.4

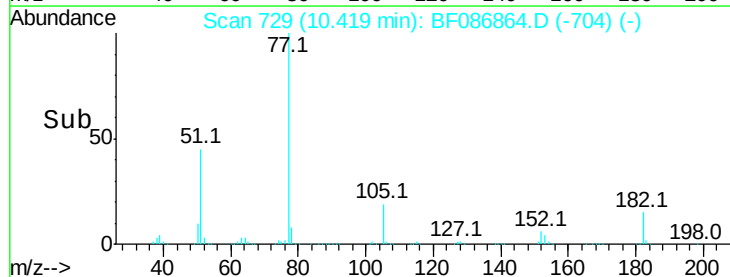
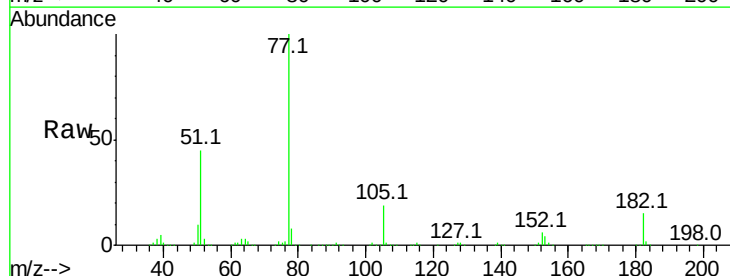
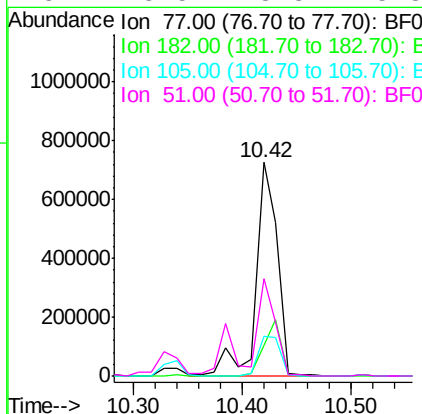
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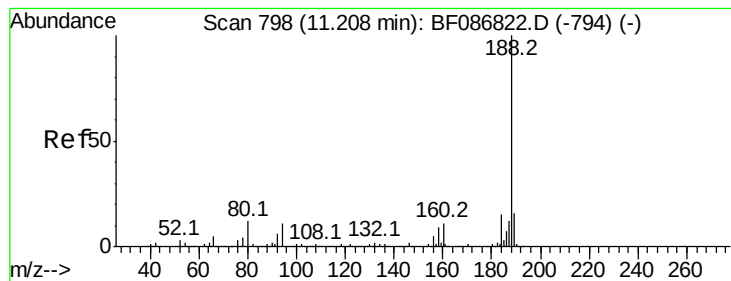
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#62
Azobenzene
Concen: 40.30 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF086864.D
Acq: 10 May 2016 17:19

Tgt Ion	Ratio	Lower	Upper
77	100		
182	14.6	0.0	38.8
105	18.9	3.2	43.2
51	45.5	8.8	48.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.20 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Instrument :

BNA_F

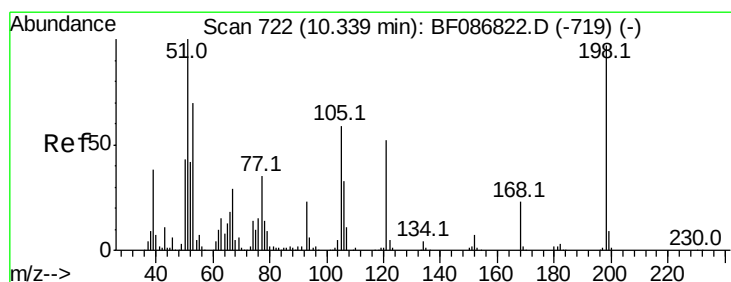
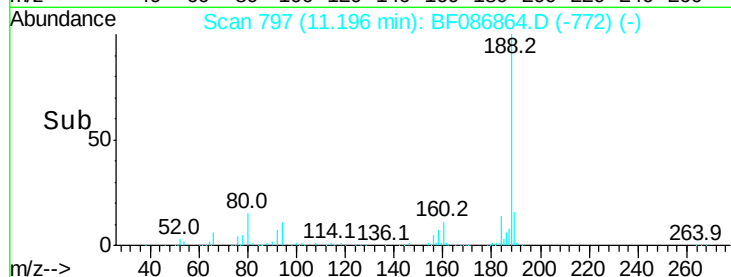
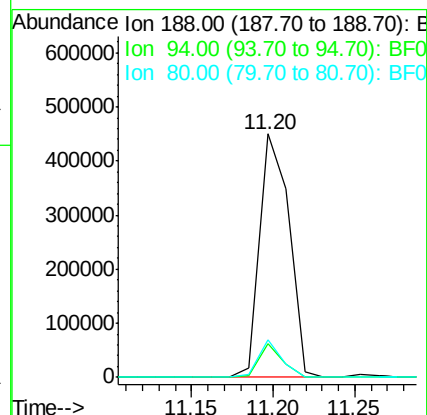
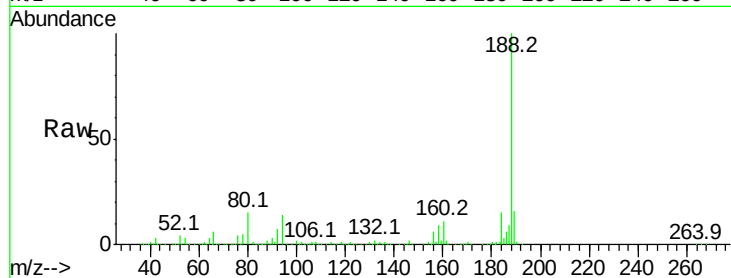
ClientSampleId :

PB90444BS

Tot Ion:	188	Resp:	569621
Ion Ratio	Lower	Upper	
188	100		
94	13.6	6.8	10.2#
80	15.3	7.1	10.7#

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#64

4,6-Dinitro-2-methylphenol

Concen: 42.42 ng

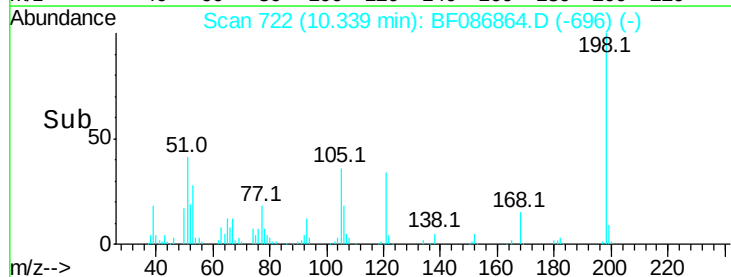
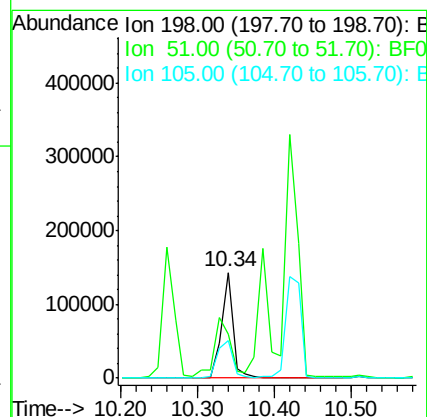
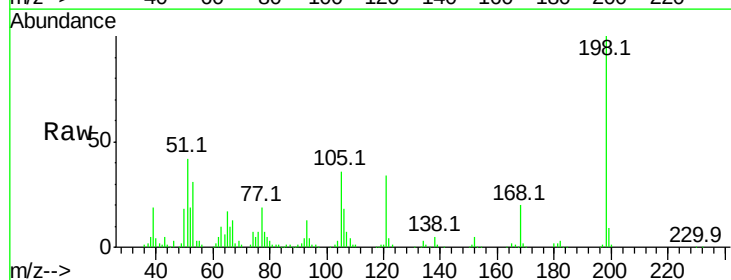
RT: 10.34 min Scan# 722

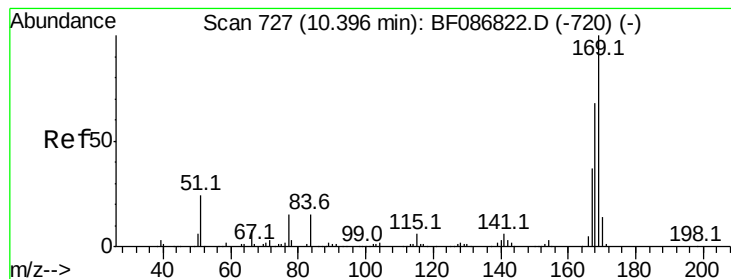
Delta R.T. 0.00 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Tgt Ion:	198	Resp:	150124
Ion Ratio	Lower	Upper	
198	100		
51	41.6	20.5	60.5
105	35.5	24.5	64.5





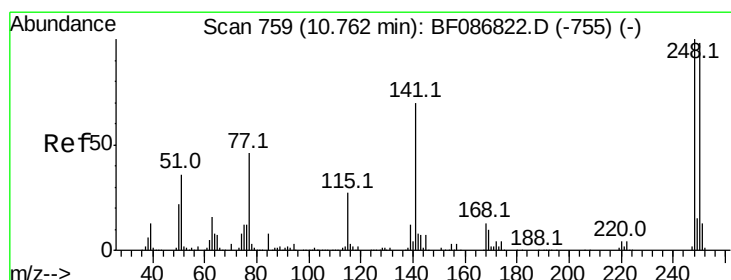
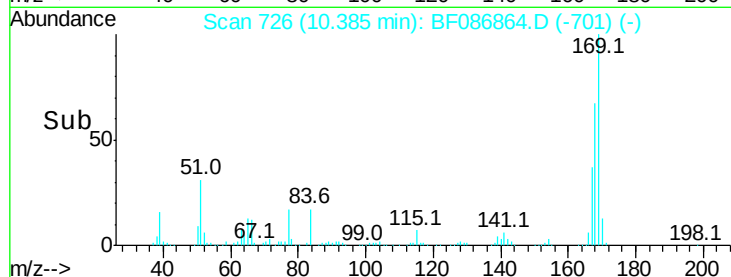
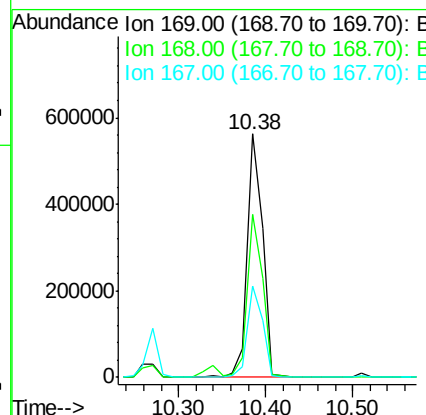
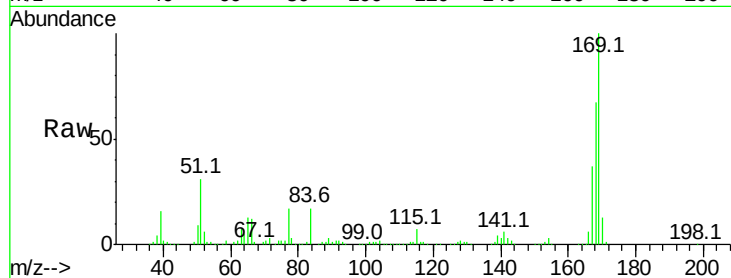
#65
n-Nitrosodiphenylamine
Concen: 39.19 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF086864.D
Acq: 10 May 2016 17:19

Instrument :
BNA_F
ClientSampleId :
PB90444BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	685729		
168	66.9		53.8	80.6
167	37.3		29.5	44.3

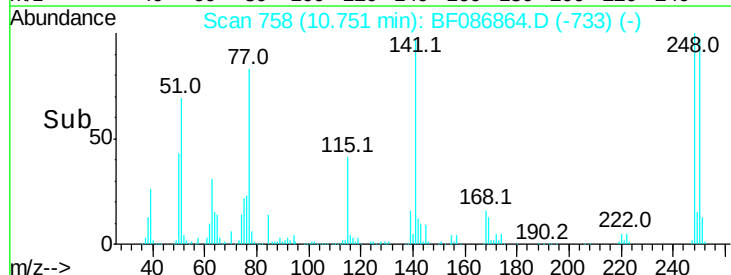
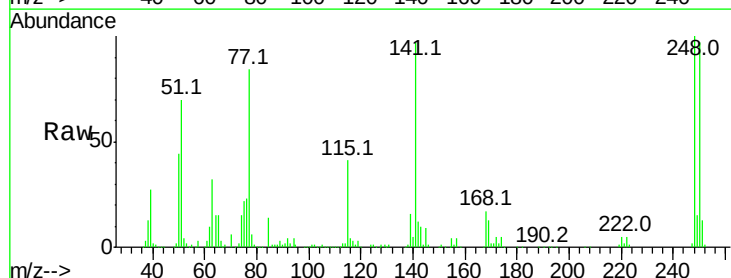
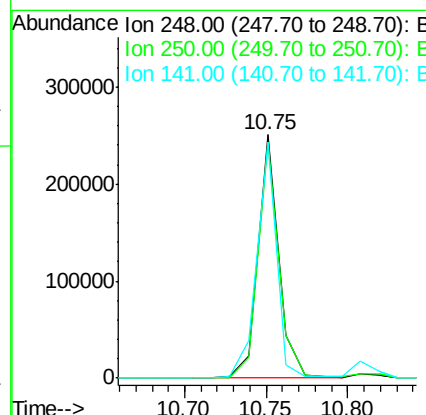
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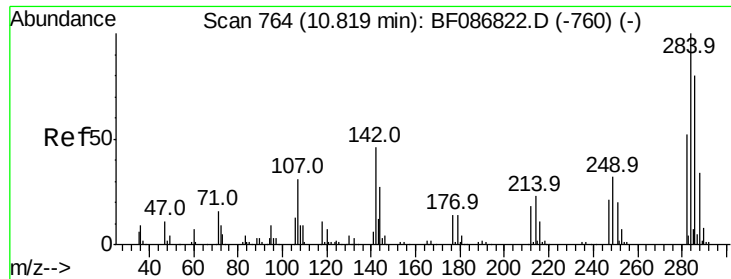
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#66
4-Bromophenyl-phenylether
Concen: 38.42 ng
RT: 10.75 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF086864.D
Acq: 10 May 2016 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	221859		
250	96.9		78.6	117.8
141	97.1		76.0	114.0





#67

Hexachlorobenzene

Concen: 41.38 ng

RT: 10.82 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Instrument :

BNA_F

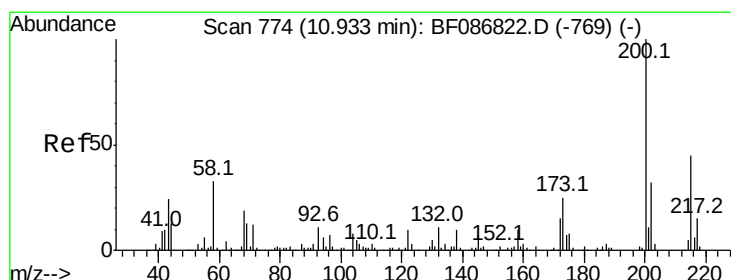
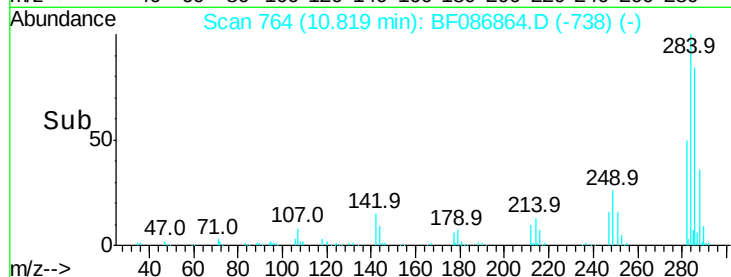
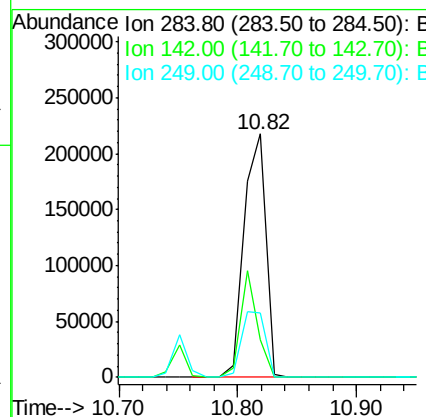
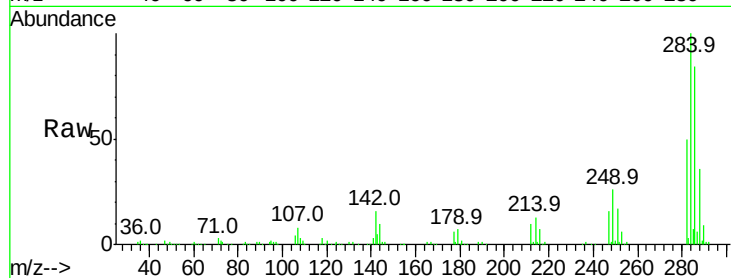
ClientSampleId :

PB90444BS

Tot Ion:	284	Resp:	279294
Ion Ratio	Lower	Upper	
284	100		
142	15.7	16.7	25.1#
249	26.2	21.3	31.9

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#68

Atrazine

Concen: 39.23 ng

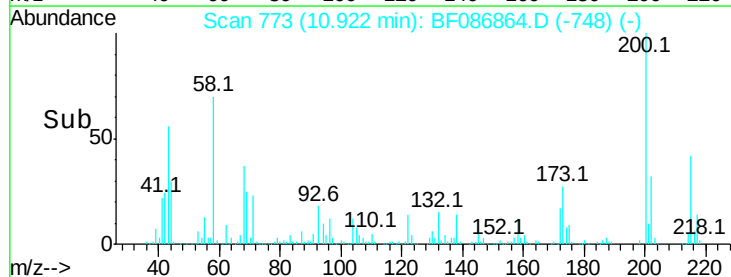
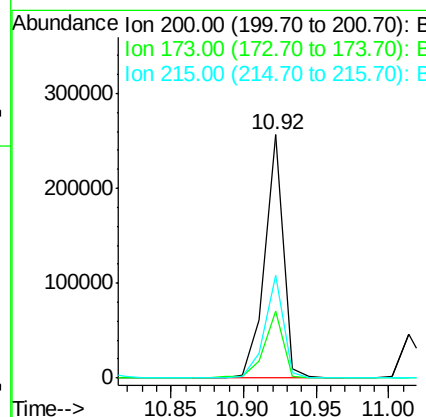
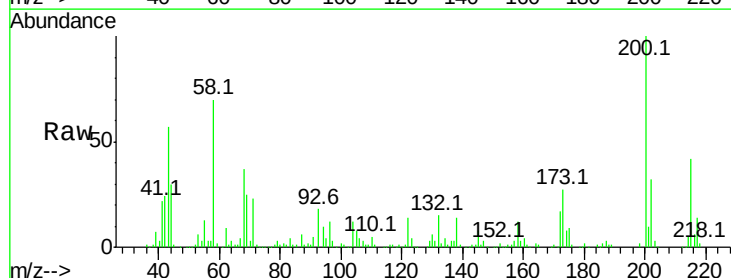
RT: 10.92 min Scan# 773

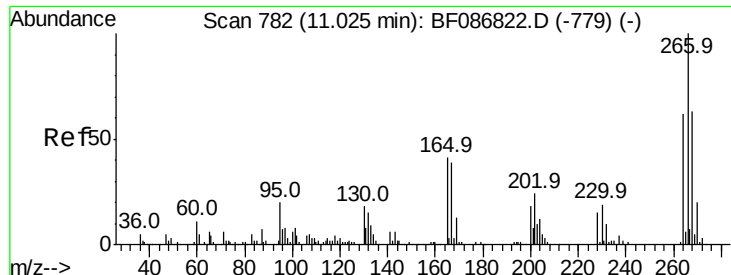
Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Tgt Ion:	200	Resp:	229328
Ion Ratio	Lower	Upper	
200	100		
173	27.3	8.5	48.5
215	42.2	27.2	67.2





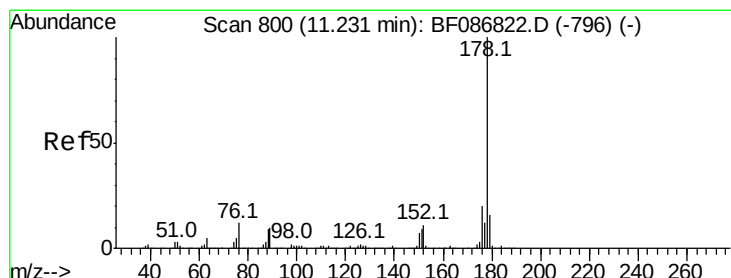
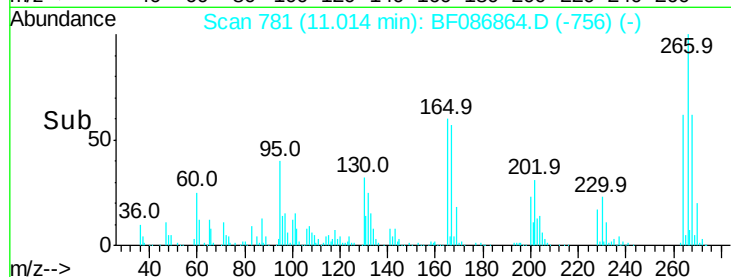
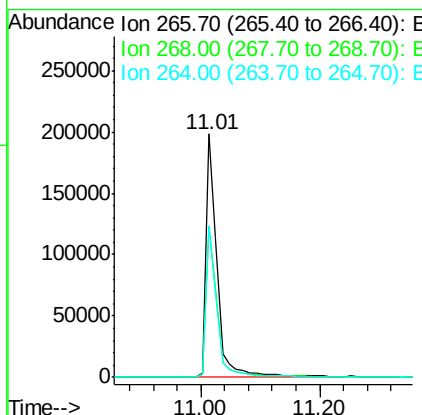
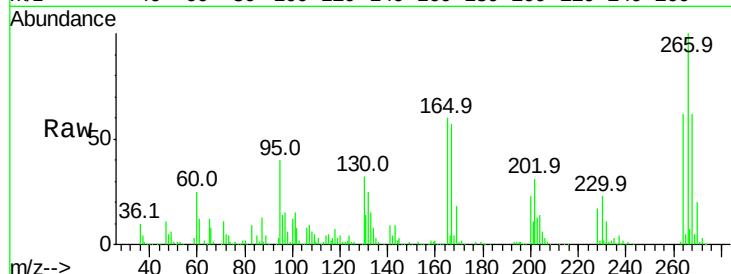
#69
 Pentachlorophenol
 Concen: 83.98 ng
 RT: 11.01 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF086864.D
 Acq: 10 May 2016 17:19

Instrument :
 BNA_F
 ClientSampleId :
 PB90444BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	261957		
268	62.2	51.5	77.3	
264	62.1	52.9	79.3	

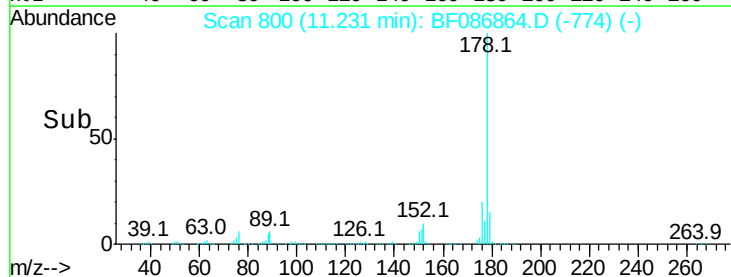
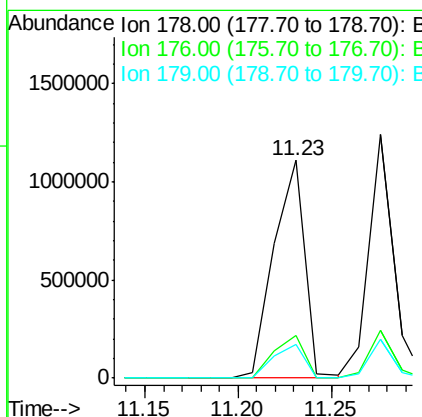
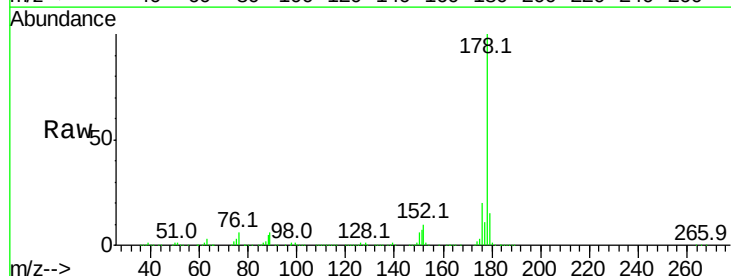
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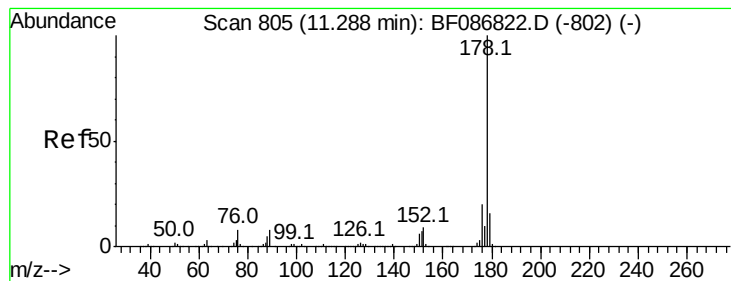
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#70
 Phenanthrene
 Concen: 41.87 ng
 RT: 11.23 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF086864.D
 Acq: 10 May 2016 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1272829		
176	19.9	16.0	24.0	
179	15.4	12.6	18.8	





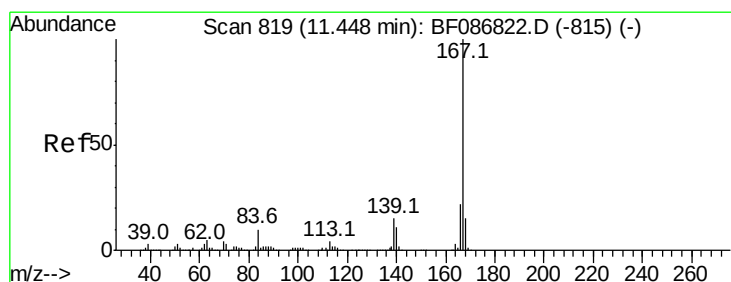
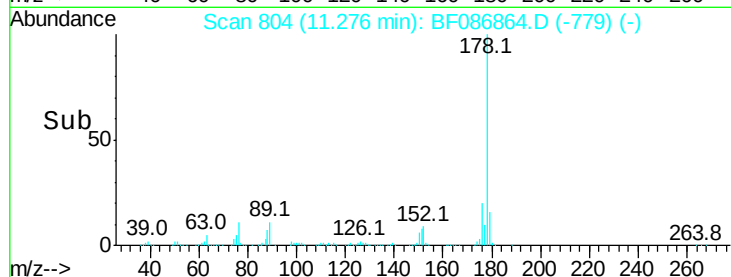
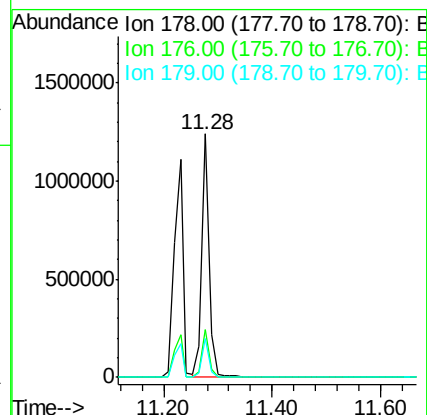
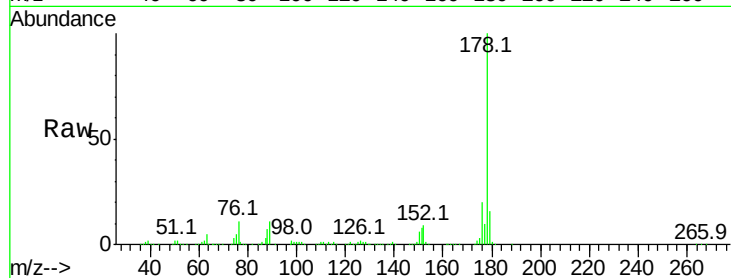
#71
 Anthracene
 Concen: 36.62 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF086864.D
 Acq: 10 May 2016 17:19

Instrument :
 BNA_F
 ClientSampleId :
 PB90444BS

Tot Ion:178 Resp: 1138320
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.6 23.4
 179 16.1 12.7 19.1

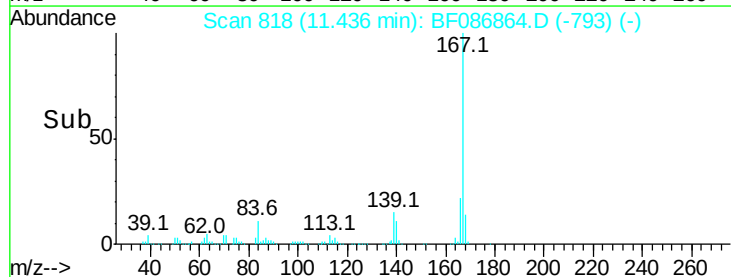
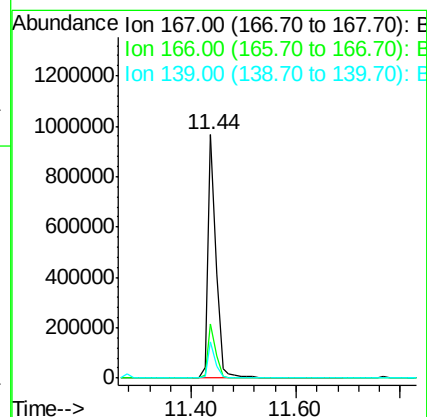
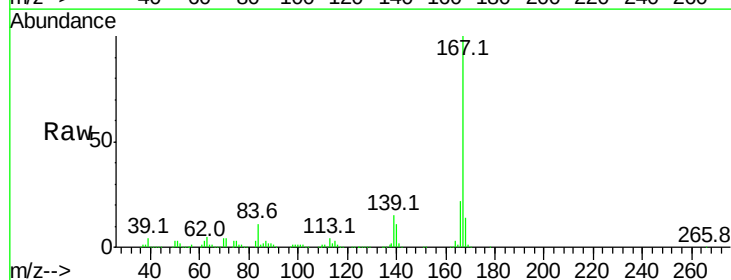
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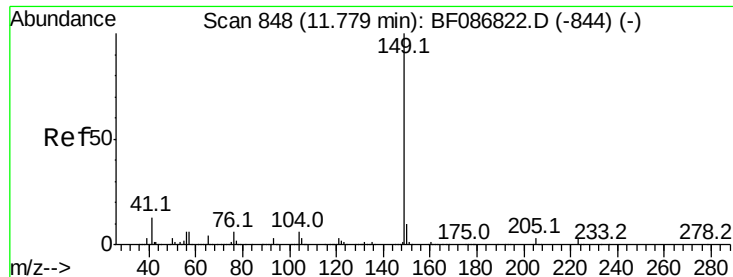
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#72
 Carbazole
 Concen: 39.30 ng
 RT: 11.44 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF086864.D
 Acq: 10 May 2016 17:19

Tgt Ion:167 Resp: 1050351
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 15.0 10.8 16.2





#73

Di-n-butylphthalate

Concen: 38.90 ng

RT: 11.77 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB90444BS

Tot Ion:149 Resp: 1269649

Ion Ratio Lower Upper

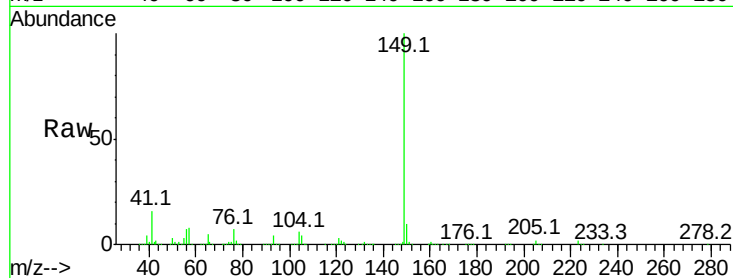
149 100

150 9.7 7.6 11.4

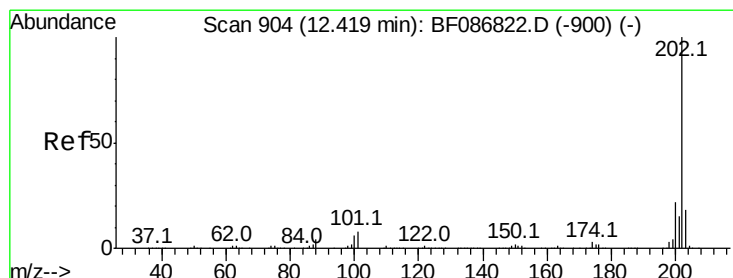
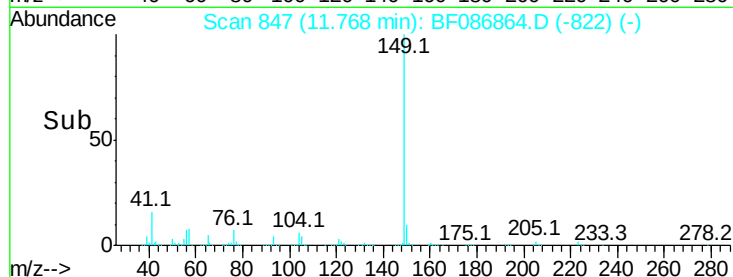
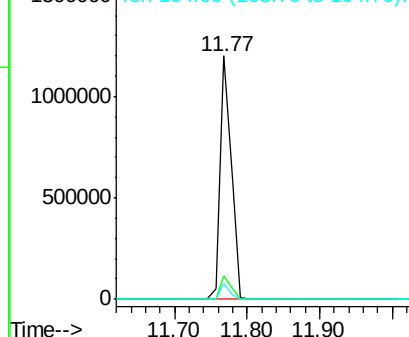
104 6.4 3.8 5.6#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.96 ng

RT: 12.41 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

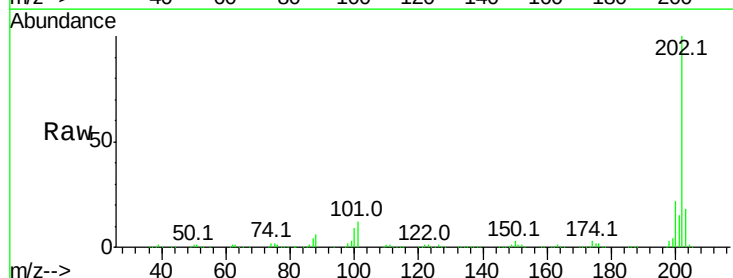
Tgt Ion:202 Resp: 1249230

Ion Ratio Lower Upper

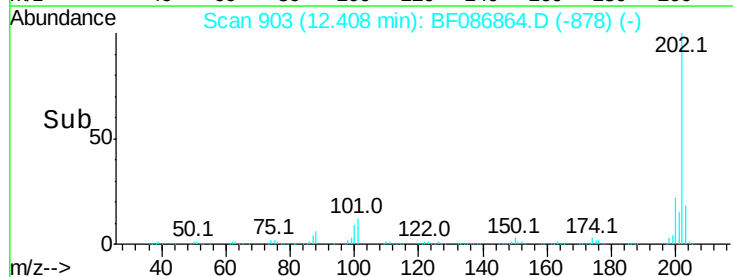
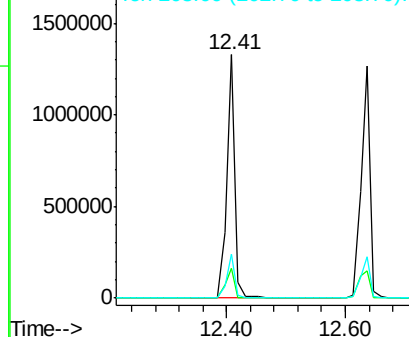
202 100

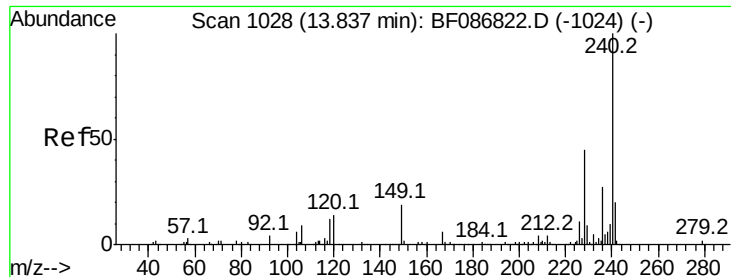
101 12.1 0.0 35.4

203 17.8 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Instrument :

BNA_F

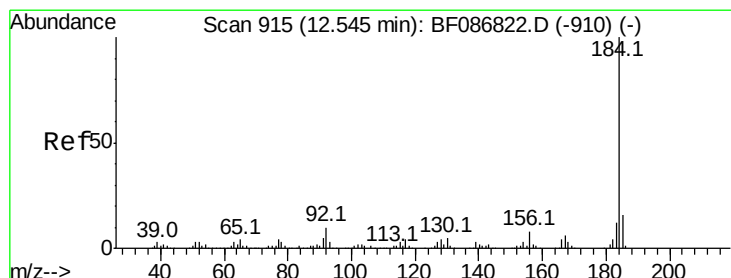
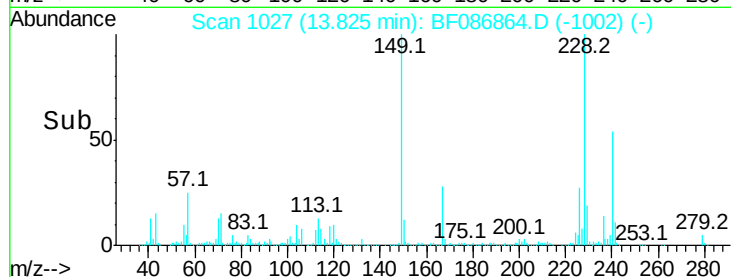
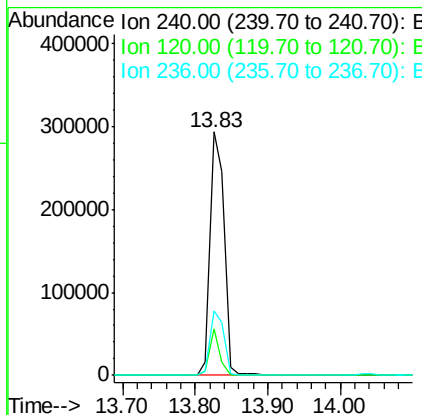
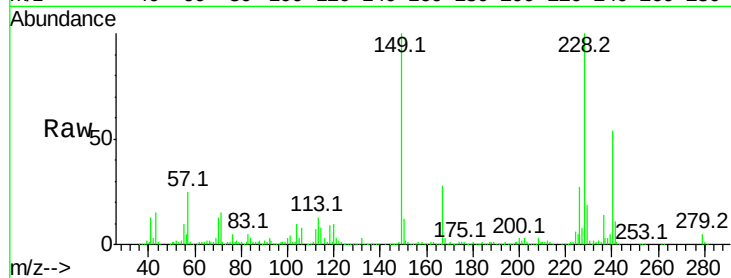
ClientSampleId :

PB90444BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	395459		
120	19.0	11.2	16.8#	
236	26.3	21.2	31.8	

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#76

Benzidine

Concen: 17.81 ng

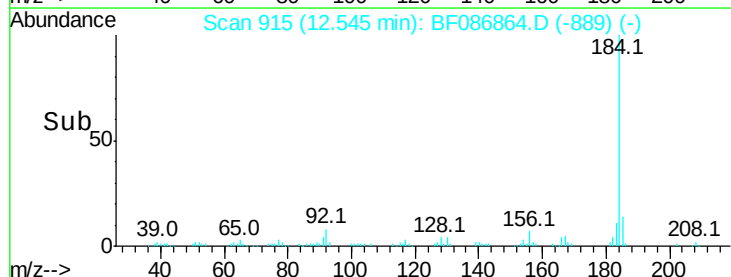
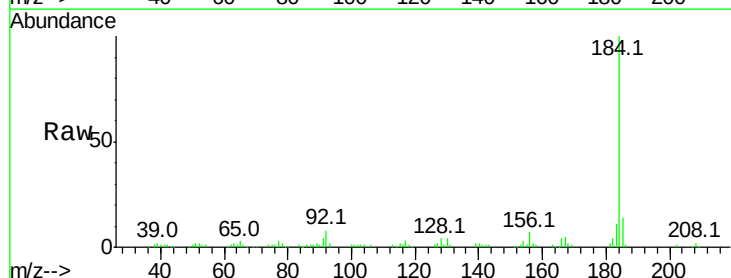
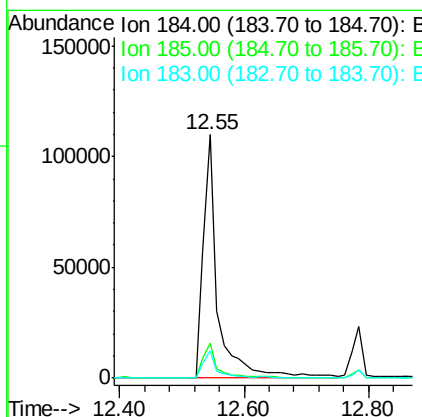
RT: 12.55 min Scan# 915

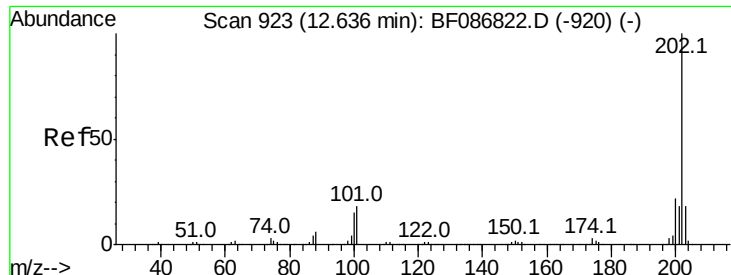
Delta R.T. 0.00 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	179529		
185	14.3	13.6	20.4	
183	11.4	9.8	14.6	





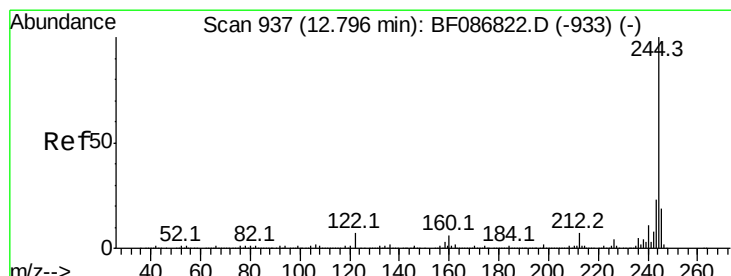
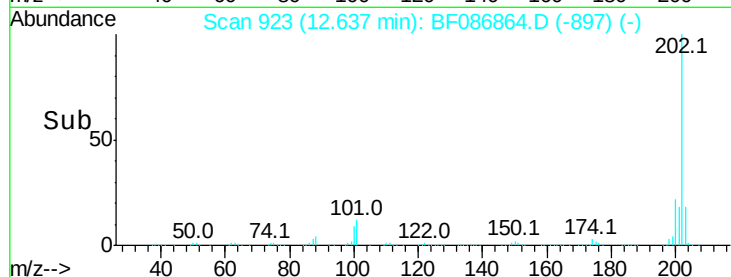
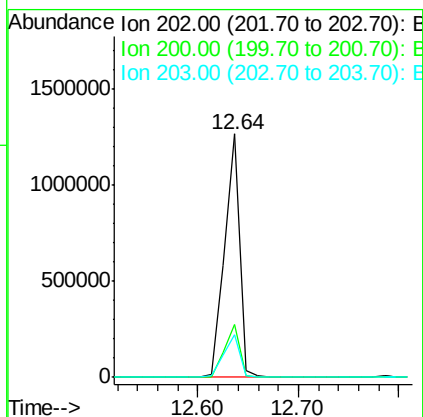
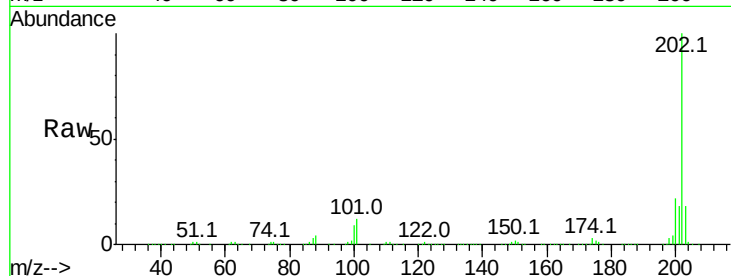
#77
Pvrene
Concen: 43.42 ng
RT: 12.64 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF086864.D
Acq: 10 May 2016 17:19

Instrument :
BNA_F
ClientSampleId :
PB90444BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.7	26.5
203	17.7	14.2	21.4

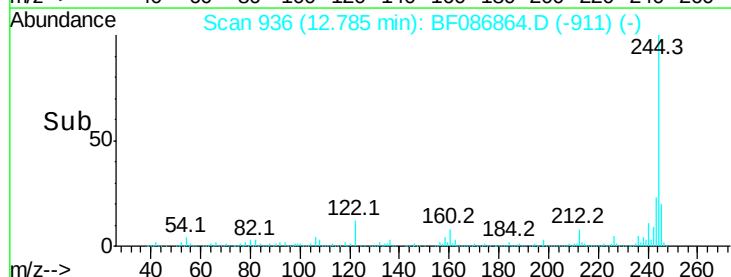
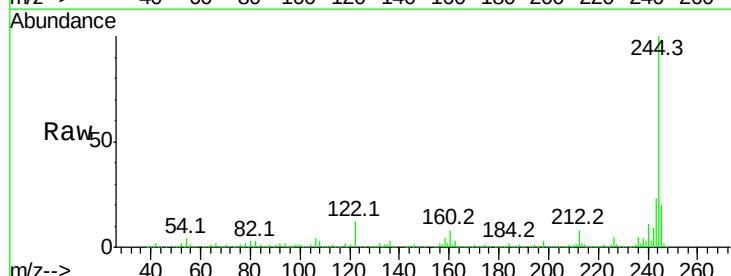
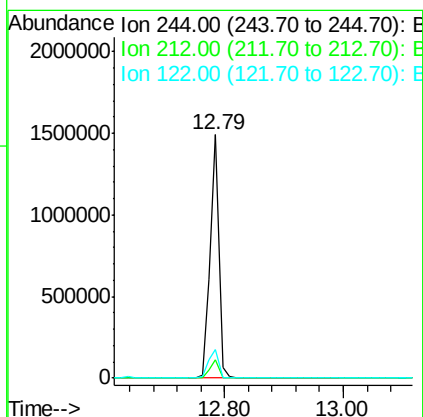
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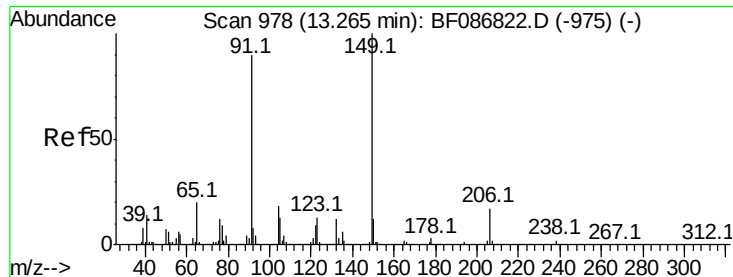
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#78
Terphenyl-d14
Concen: 81.20 ng
RT: 12.79 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF086864.D
Acq: 10 May 2016 17:19

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	11.6	12.0	18.0#





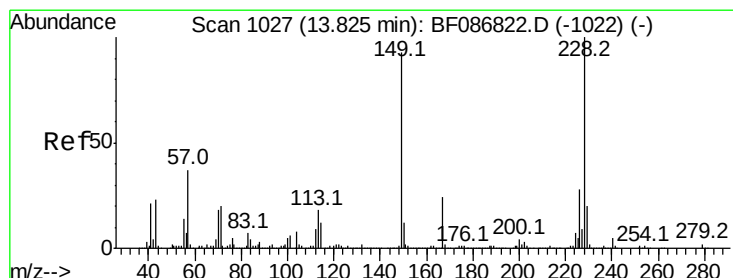
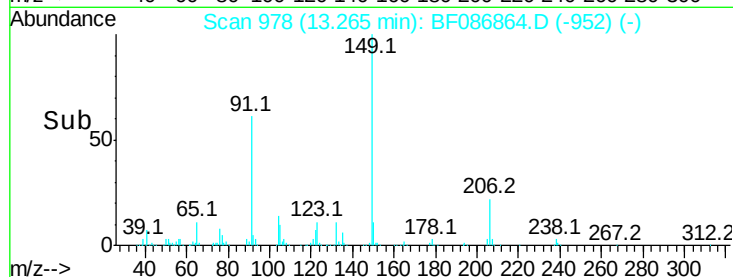
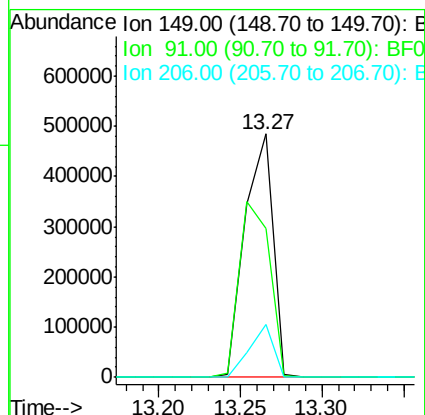
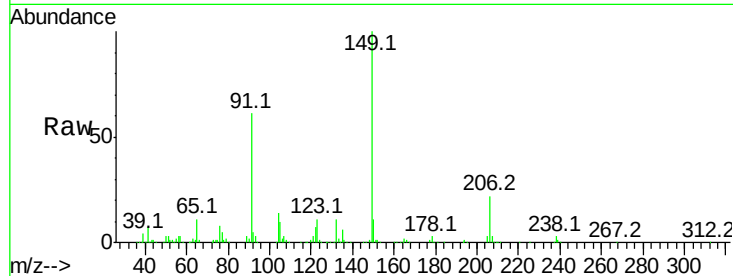
#79
Butylbenzylphthalate
Concen: 45.29 ng
RT: 13.27 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF086864.D
Acq: 10 May 2016 17:19

Instrument :
BNA_F
ClientSampleId :
PB90444BS

Tot Ion:	149	Resp:	579981
Ion Ratio	Lower	Upper	
149	100		
91	61.4	48.0	72.0
206	21.9	15.8	23.6

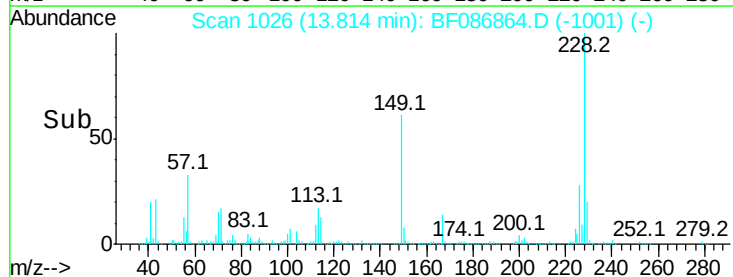
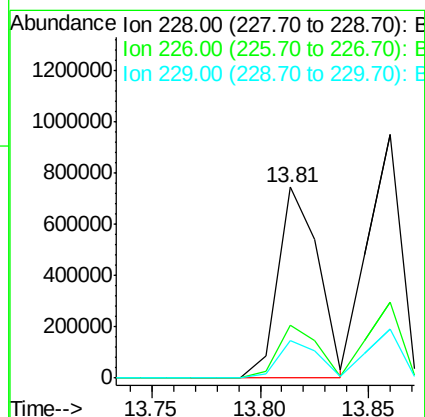
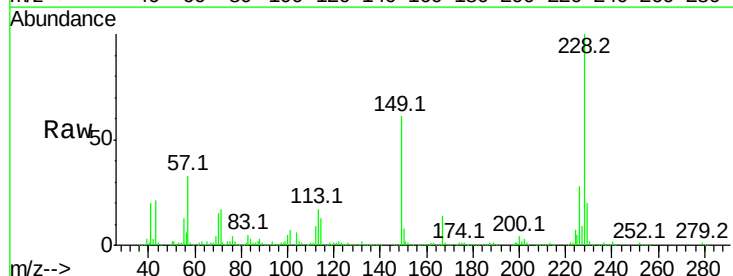
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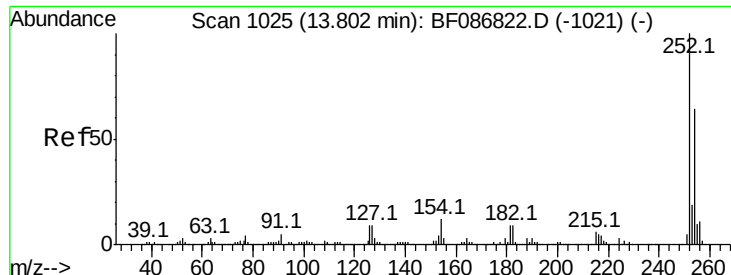
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#80
Benzo(a)anthracene
Concen: 43.43 ng
RT: 13.81 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF086864.D
Acq: 10 May 2016 17:19

Tgt Ion:	228	Resp:	964231
Ion Ratio	Lower	Upper	
228	100		
226	27.6	22.5	33.7
229	19.9	16.6	25.0





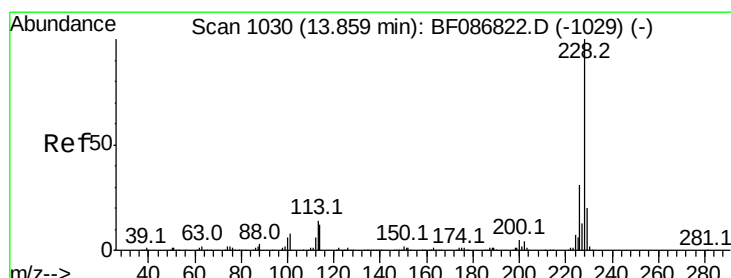
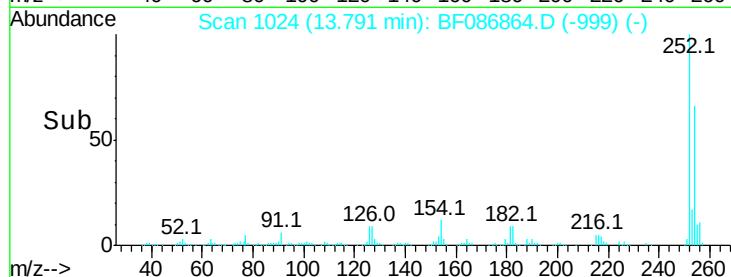
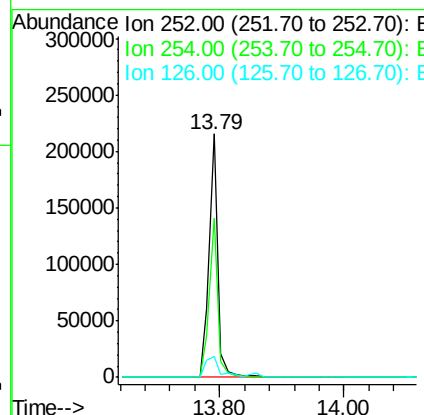
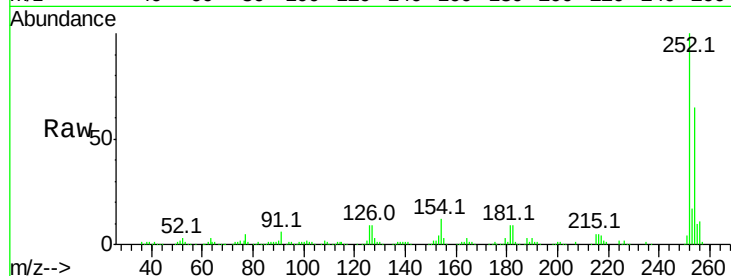
#81
 3,3'-Dichlorobenzidine
 Concen: 15.23 ng
 RT: 13.79 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BF086864.D
 Acq: 10 May 2016 17:19

Instrument :
 BNA_F
 ClientSampleId :
 PB90444BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	214799		
254	65.5	50.7	76.1	
126	8.8	12.7	19.1	

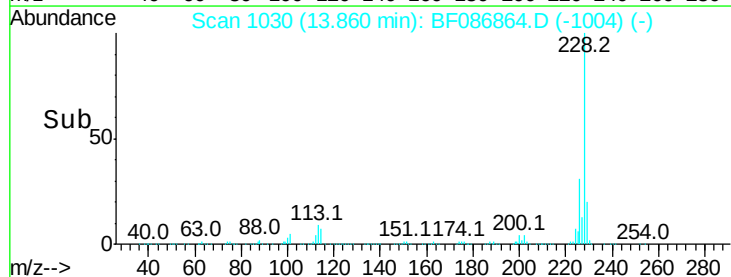
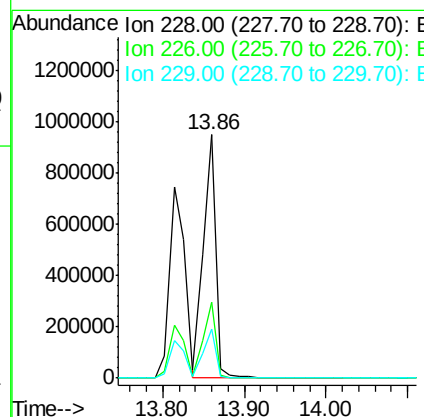
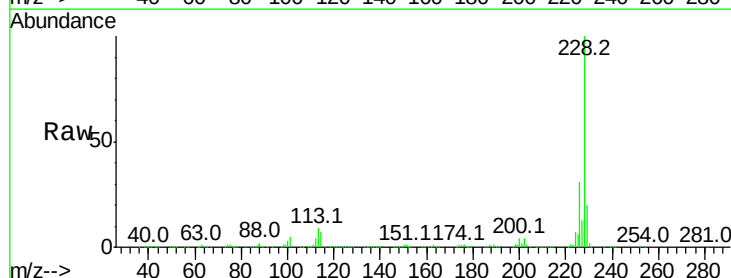
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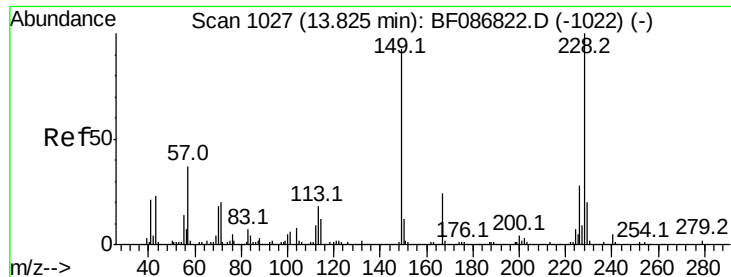
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#82
 Chrysene
 Concen: 45.50 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF086864.D
 Acq: 10 May 2016 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1027556		
226	31.1	24.4	36.6	
229	19.9	15.8	23.8	





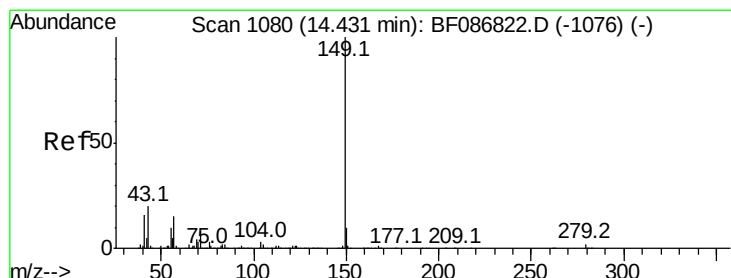
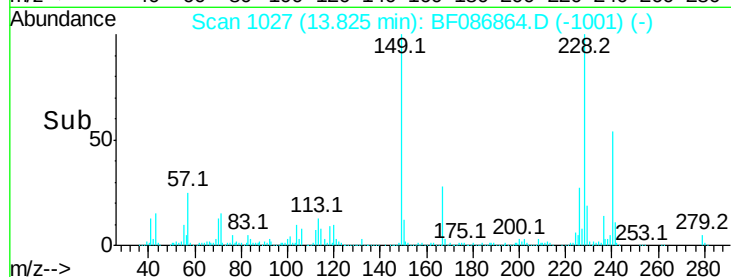
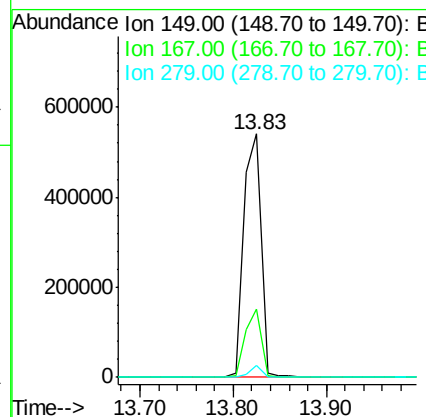
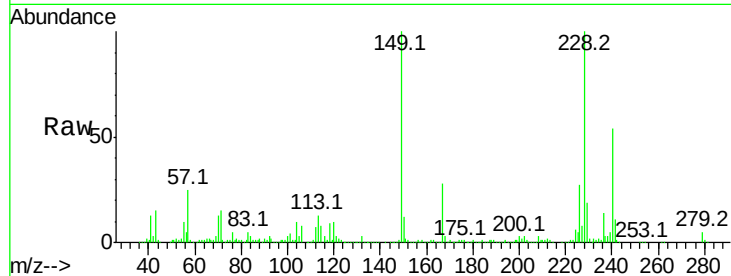
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.69 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BF086864.D
 Acq: 10 May 2016 17:19

Instrument :
 BNA_F
 ClientSampleId :
 PB90444BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.8	21.8	32.6	
279	5.0	2.6	4.0	

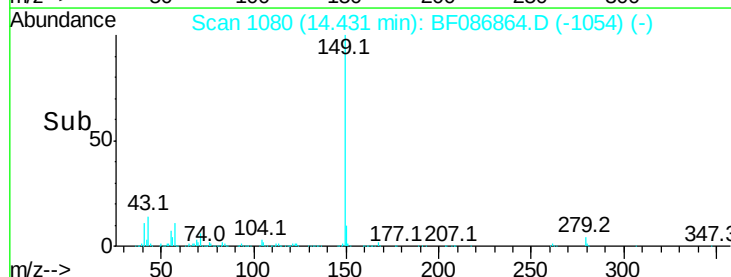
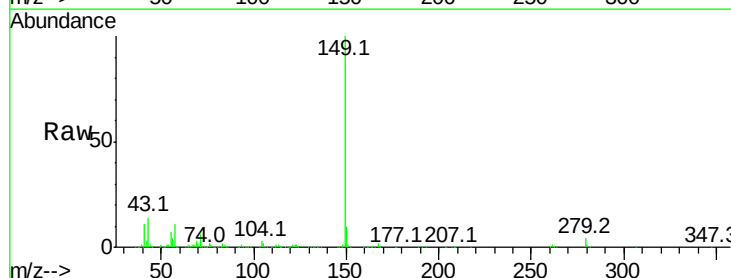
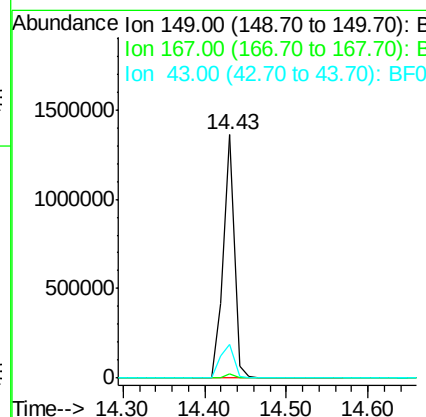
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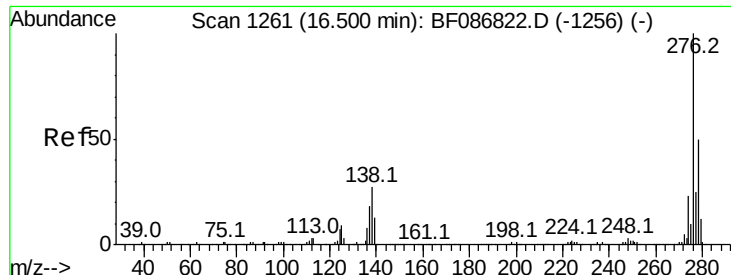
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#84
 Di-n-octyl phthalate
 Concen: 50.06 ng
 RT: 14.43 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: BF086864.D
 Acq: 10 May 2016 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.2	1.8	
43	17.4	8.2	12.4	





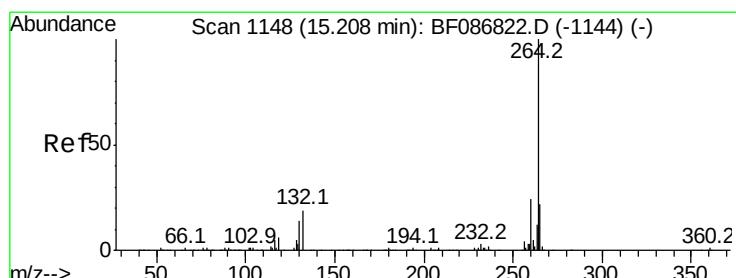
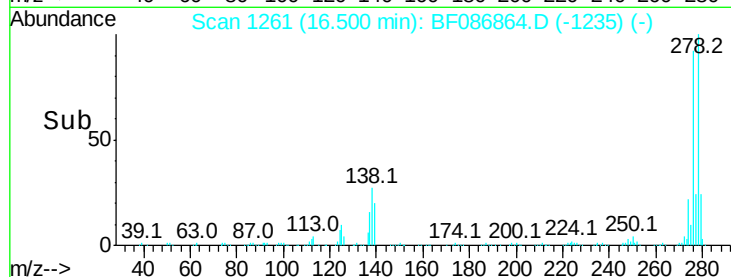
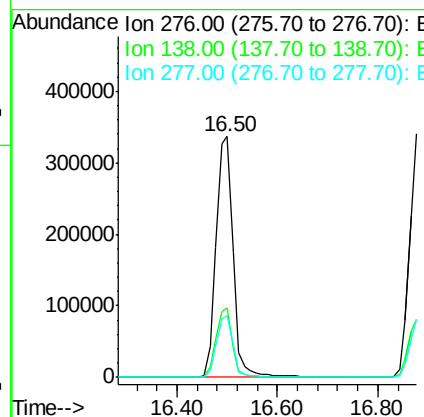
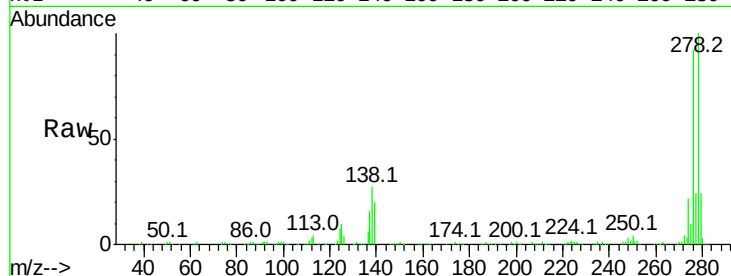
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.26 ng
 RT: 16.50 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: BF086864.D
 Acq: 10 May 2016 17:19

Instrument :
 BNA_F
 ClientSampleId :
 PB90444BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	793954		
138	27.9	25.6	38.4	
277	25.1	20.5	30.7	

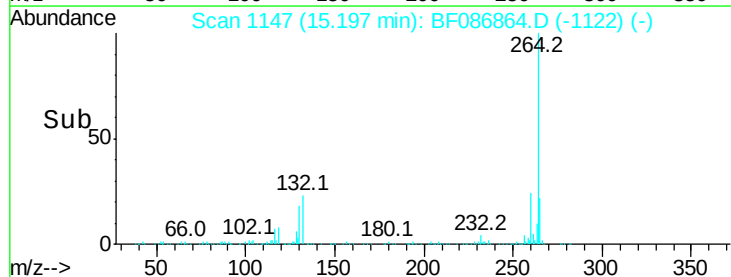
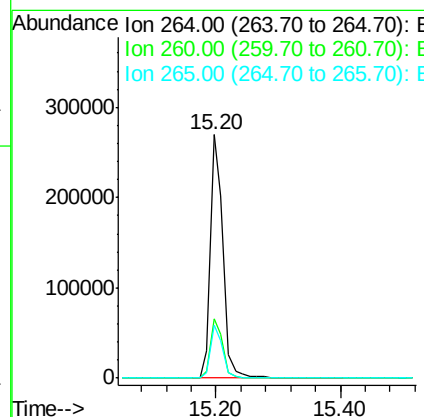
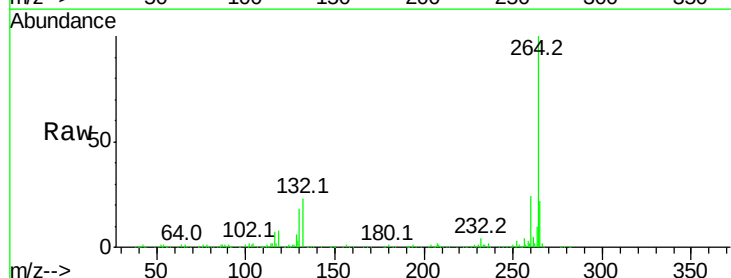
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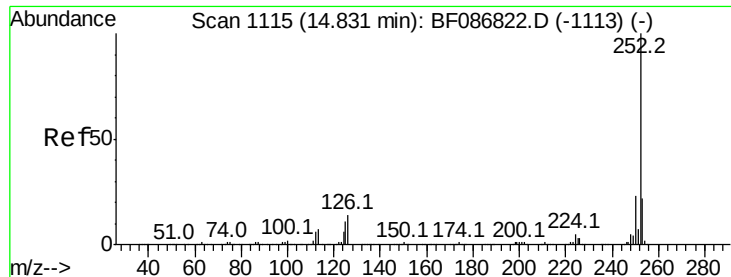
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.20 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF086864.D
 Acq: 10 May 2016 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	377880		
260	24.5	19.5	29.3	
265	21.7	17.3	25.9	





#87

Benzo(b)fluoranthene

Concen: 48.14 ng m

RT: 14.82 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB90444BS

Tot Ion:252 Resp: 1182176

Ion Ratio Lower Upper

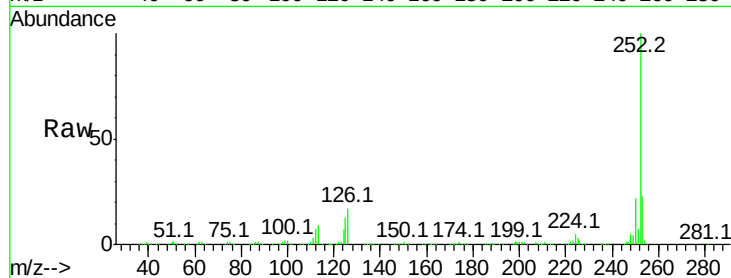
252 100

253 22.5 17.8 26.6

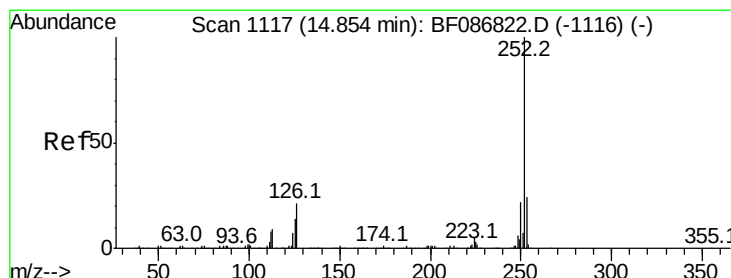
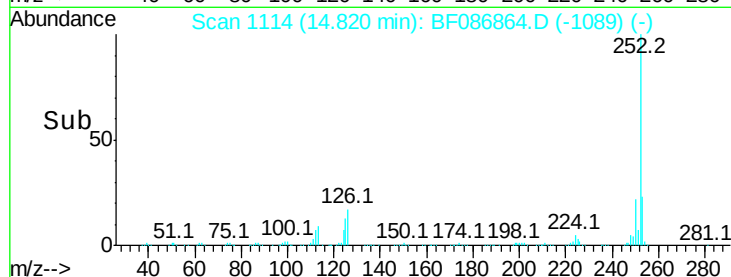
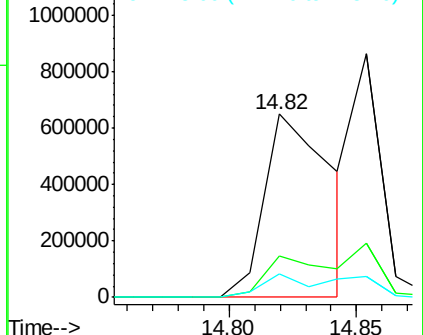
125 13.1 11.4 17.0

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



#88

Benzo(k)fluoranthene

Concen: 34.20 ng m

RT: 14.85 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Tgt Ion:252 Resp: 687624

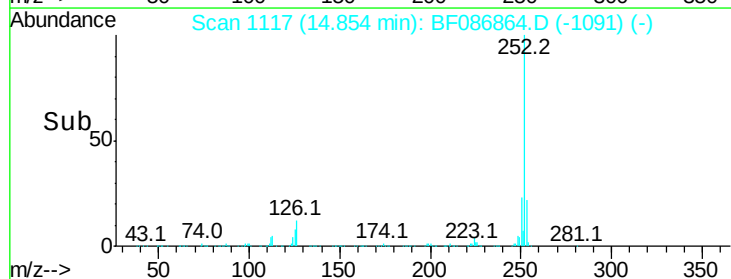
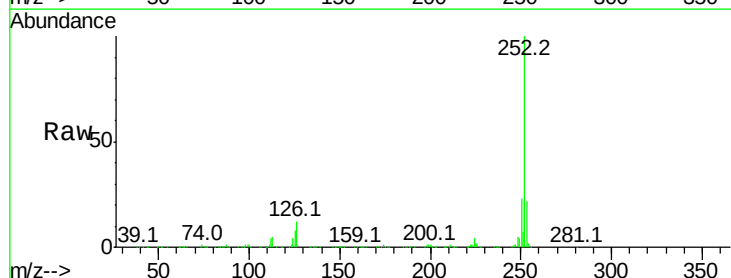
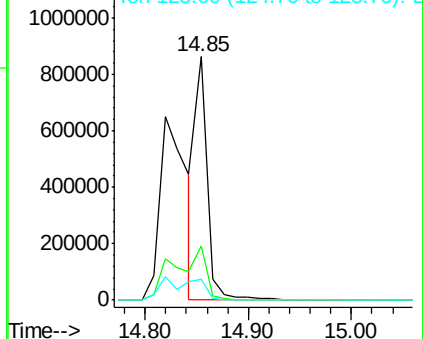
Ion Ratio Lower Upper

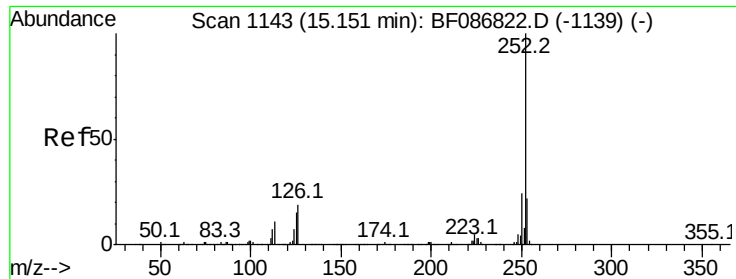
252 100

253 22.3 17.8 26.6

125 8.4 9.1 13.7#

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





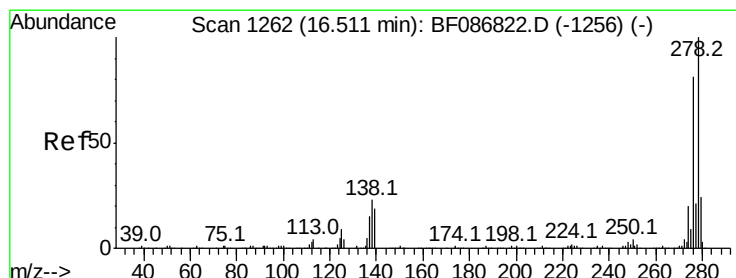
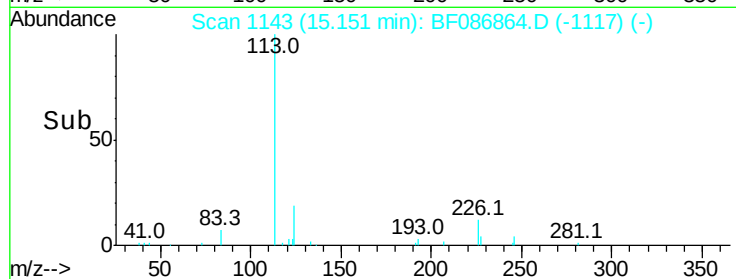
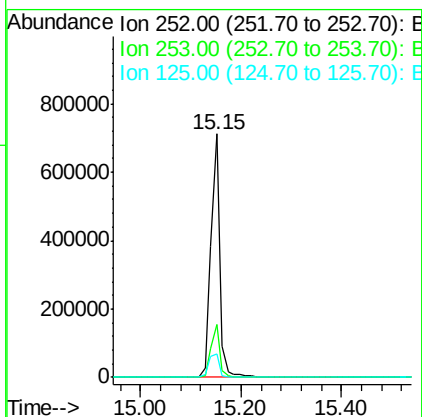
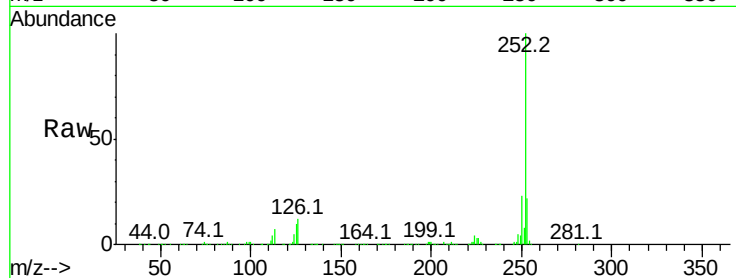
#89
Benzo(a)pyrene
Concen: 40.94 ng
RT: 15.15 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BF086864.D
Acq: 10 May 2016 17:19

Instrument :
BNA_F
ClientSampleId :
PB90444BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	867231		
253	21.9		17.2	25.8
125	9.7		9.0	13.6

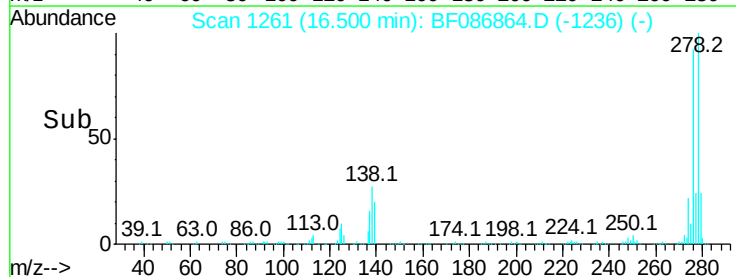
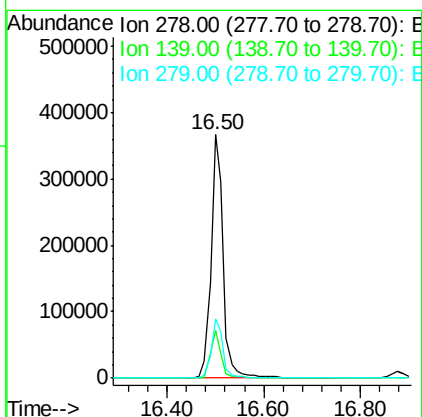
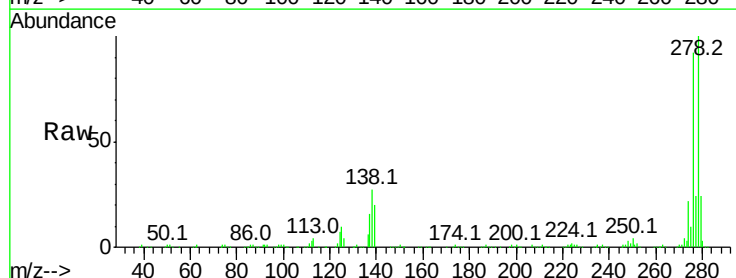
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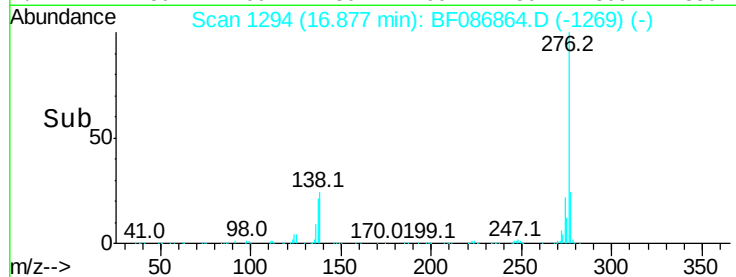
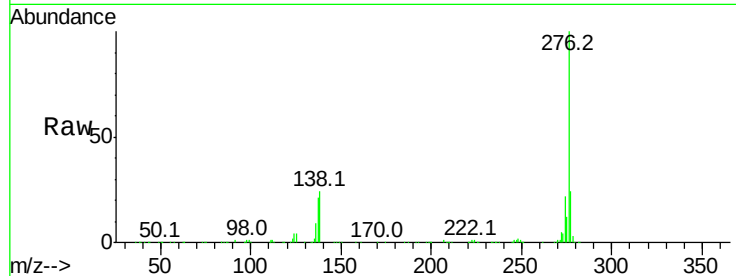
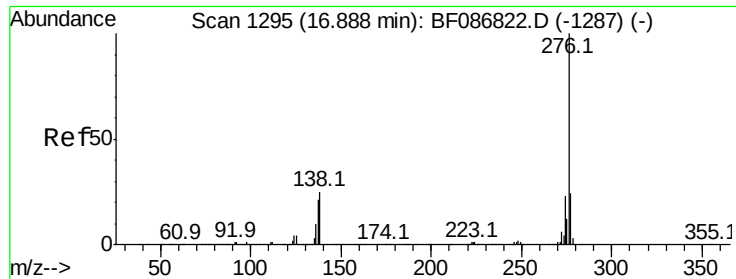
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#90
Dibenzo(a,h)anthracene
Concen: 36.87 ng
RT: 16.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF086864.D
Acq: 10 May 2016 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	658159		
139	19.6		16.6	24.8
279	24.4		19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 36.56 ng
 RT: 16.88 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF086864.D
 Acq: 10 May 2016 17:19

Instrument :
 BNA_F
 ClientSampleId :
 PB90444BS

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.0	19.6	29.4
138	24.1	23.6	35.4

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