

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
 Data File : BF087672.D
 Acq On : 4 Jun 2016 18:15
 Operator : UM/SJ
 Sample : PB91062BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91062BS

Manual Integrations
 APPROVED

SOHIL
 6/6/2016 7:18:26 PM

Quant Time: Jun 05 01:44:29 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	115641	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	489483	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	228003	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	412712	20.00	ng	0.00
75) Chrysene-d12	14.02	240	299637	20.00	ng	0.00
86) Perylene-d12	15.44	264	274984	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	697701	97.52	ng	0.01
7) Phenol-d6	6.49	99	989309	110.26	ng	0.00
23) Nitrobenzene-d5	7.43	82	635630	75.13	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	252656	110.39	ng	0.01
44) 2-Fluorobiphenyl	9.22	172	1126369	72.33	ng	-0.01
78) Terphenyl-d14	12.97	244	969884	78.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	101222	29.27	ng	# 26
3) Pyridine	3.29	79	253774	27.78	ng	99
4) n-Nitrosodimethylamine	3.23	42	139045	36.03	ng	99
6) Aniline	6.52	93	268593	21.12	ng	98
8) 2-Chlorophenol	6.64	128	289114	35.12	ng	99
9) Benzaldehyde	6.40	77	20914	3.45	ng	89
10) Phenol	6.50	94	429947	42.08	ng	98
11) bis(2-Chloroethyl)ether	6.59	93	247281	33.31	ng	99
12) 1,3-Dichlorobenzene	6.80	146	309853	35.15	ng	98
13) 1,4-Dichlorobenzene	6.88	146	319814	36.16	ng	98
14) 1,2-Dichlorobenzene	7.03	146	276664m	33.37	ng	
15) Benzyl Alcohol	7.00	79	228959	34.54	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	380971	35.19	ng	97
17) 2-Methylphenol	7.12	107	253040	38.28	ng	94
18) Hexachloroethane	7.37	117	110774	35.81	ng	# 83
19) n-Nitroso-di-n-propylamine	7.28	70	202012	36.05	ng	96
20) 3+4-Methylphenols	7.27	107	298898	36.90	ng	# 89
22) Acetophenone	7.27	105	386977	34.90	ng	# 83
24) Nitrobenzene	7.44	77	277856	32.82	ng	87
25) Isophorone	7.69	82	551777	35.82	ng	95
26) 2-Nitrophenol	7.76	139	147485	37.49	ng	94
27) 2,4-Dimethylphenol	7.80	122	305155	37.43	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	329414	33.72	ng	97
29) 2,4-Dichlorophenol	8.00	162	243486	36.36	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	262665	37.46	ng	98
31) Naphthalene	8.17	128	910925	38.28	ng	99
32) Benzoic acid	7.92	122	204115	41.50	ng	97
33) 4-Chloroaniline	8.22	127	159000	15.38	ng	94
34) Hexachlorobutadiene	8.30	225	129156	35.43	ng	98
35) Caprolactam	8.58	113	84360m	38.35	ng	
36) 4-Chloro-3-methylphenol	8.70	107	248617	35.89	ng	99
37) 2-Methylnaphthalene	8.86	142	550048	35.00	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	237403	37.78	ng	# 1
40) Hexachlorocyclopentadiene	9.02	237	257996	69.80	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	168989	35.61	nq	99
43) 2,4,5-Trichlorophenol	9.18	196	175539	39.75	nq	# 91
45) 1,1'-Biphenyl	9.32	154	645164	34.87	nq	99
46) 2-Chloronaphthalene	9.35	162	513969	34.89	nq	99
47) 2-Nitroaniline	9.44	65	148297	35.76	nq	98
48) Acenaphthylene	9.76	152	834535	36.33	nq	100
49) Dimethylphthalate	9.63	163	659972	39.82	nq	99
50) 2,6-Dinitrotoluene	9.69	165	153843	40.79	nq	99
51) Acenaphthene	9.93	154	566076	38.30	nq	100
52) 3-Nitroaniline	9.85	138	96225	22.31	nq	93
53) 2,4-Dinitrophenol	9.95	184	124111	72.88	nq	91
54) Dibenzofuran	10.11	168	781449	38.84	nq	100
55) 4-Nitrophenol	10.01	139	254026	68.90	nq	92
56) 2,4-Dinitrotoluene	10.09	165	214360	44.64	nq	# 90
57) Fluorene	10.44	166	535430	34.04	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	146014	38.38	nq	# 57
59) Diethylphthalate	10.33	149	601961	36.16	nq	100
60) 4-Chlorophenyl-phenylether	10.44	204	245896	38.23	nq	99
61) 4-Nitroaniline	10.47	138	155626	37.53	nq	98
62) Azobenzene	10.60	77	656872	39.20	nq	99
64) 4,6-Dinitro-2-methylphenol	10.49	198	86289	38.05	nq	99
65) n-Nitrosodiphenylamine	10.56	169	498508	36.88	nq	99
66) 4-Bromophenyl-phenylether	10.94	248	168031	41.06	nq	96
67) Hexachlorobenzene	10.99	284	167039	36.50	nq	97
68) Atrazine	11.08	200	152262	38.03	nq	91
69) Pentachlorophenol	11.19	266	208634	76.73	nq	96
70) Phenanthrene	11.41	178	805827	36.01	nq	100
71) Anthracene	11.46	178	888900	39.64	nq	100
72) Carbazole	11.61	167	766106	36.09	nq	100
73) Di-n-butylphthalate	11.95	149	936157	41.14	nq	100
74) Fluoranthene	12.59	202	865512	39.31	nq	99
76) Benzidine	12.72	184	254858	21.57	nq	98
77) Pyrene	12.82	202	898396	42.11	nq	100
79) Butylbenzylphthalate	13.45	149	401317	44.19	nq	95
80) Benzo(a)anthracene	14.00	228	693633	40.11	nq	100
81) 3,3'-Dichlorobenzidine	13.97	252	117393	24.06	nq	# 94
82) Chrysene	14.05	228	733193	42.60	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	479349	44.36	nq	# 98
84) Di-n-octyl phthalate	14.62	149	855197	42.57	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.83	276	594973	41.82	nq	# 100
87) Benzo(b)fluoranthene	15.04	252	716769	40.07	nq	99
88) Benzo(k)fluoranthene	15.06	252	531341m	35.70	nq	
89) Benzo(a)pyrene	15.38	252	577469	38.40	nq	100
90) Dibenzo(a,h)anthracene	16.86	278	499008	39.00	nq	98
91) Benzo(g,h,i)perylene	17.26	276	498166	38.59	nq	99

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

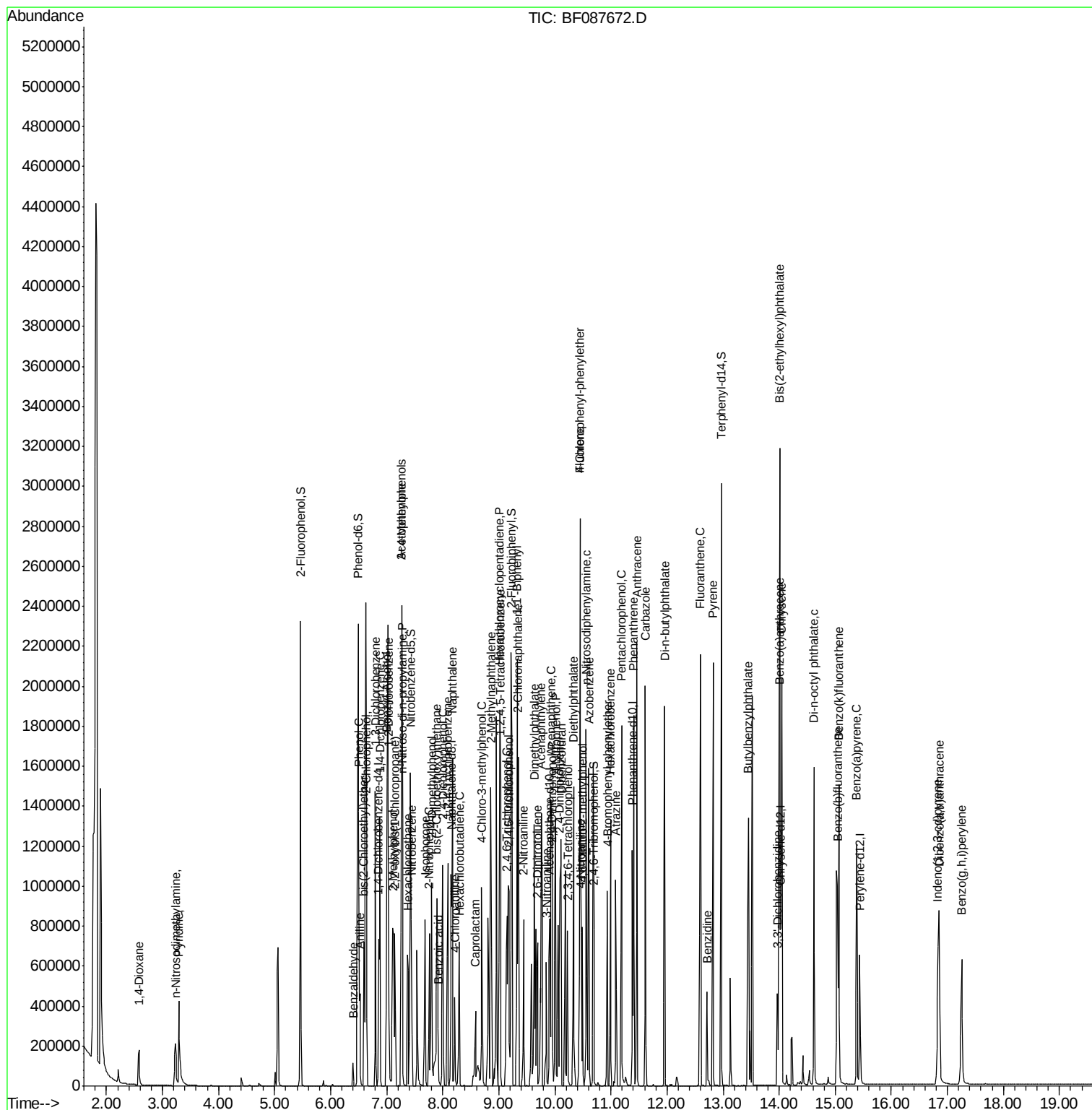
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\  
Data File : BF087672.D  
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Operator  : UM/SJ  
Sample    : PB91062BS  
Misc      :  
ALS Vial  : 17 Sample Multiplier: 1
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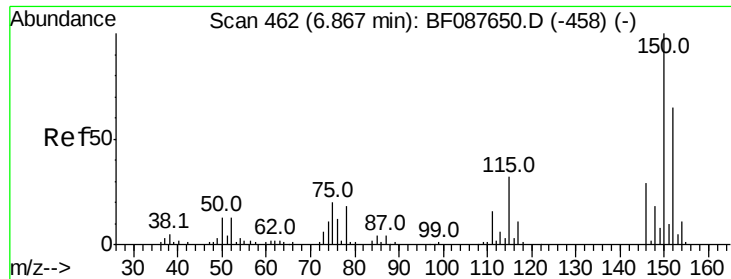
Instrument :
BNA_F
ClientSampleId :
PB91062BS

Manual Integrations APPROVED

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Instrument :

BNA_F

ClientSampleId :

PB91062BS

Tot Ion:152 Resp: 115641

Ion Ratio Lower Upper

152 100

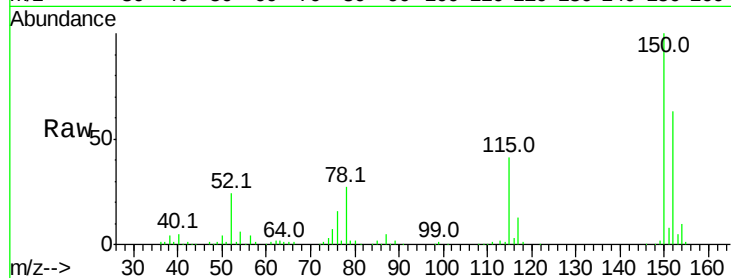
150 158.0 123.8 185.6

115 64.8 39.6 59.4#

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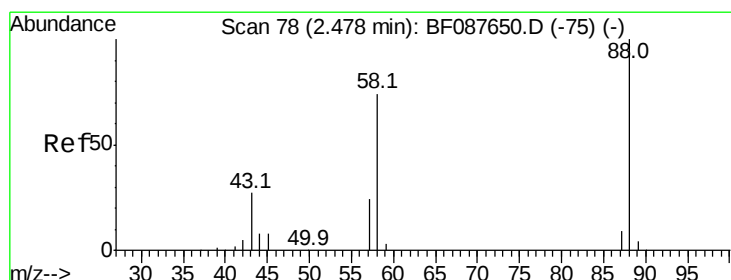
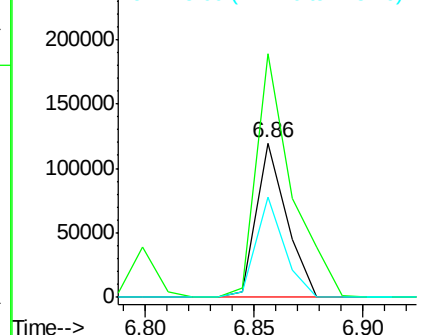
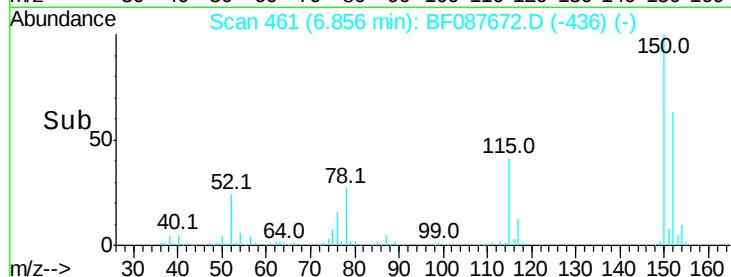
6/6/2016 7:18:26 PM



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: 29.27 ng

RT: 2.58 min Scan# 87

Delta R.T. 0.10 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

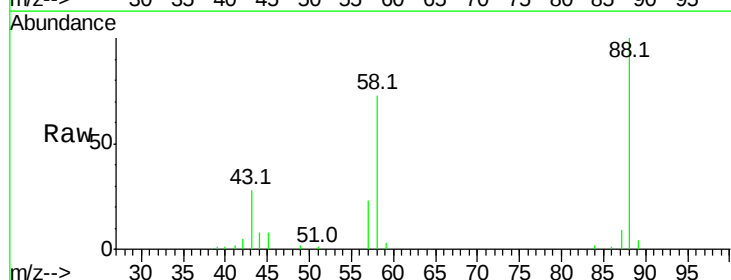
Tgt Ion: 88 Resp: 101222

Ion Ratio Lower Upper

88 100

58 75.4 0.0 0.0#

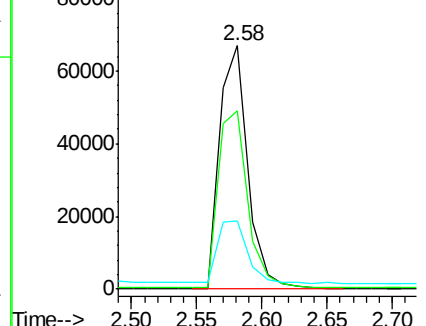
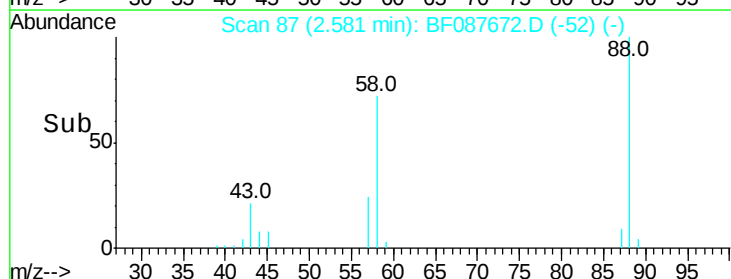
43 28.8 3.4 5.2#

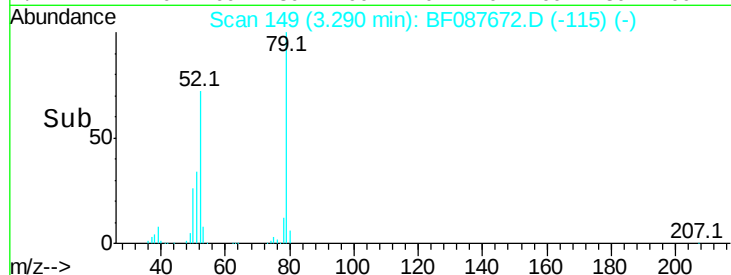
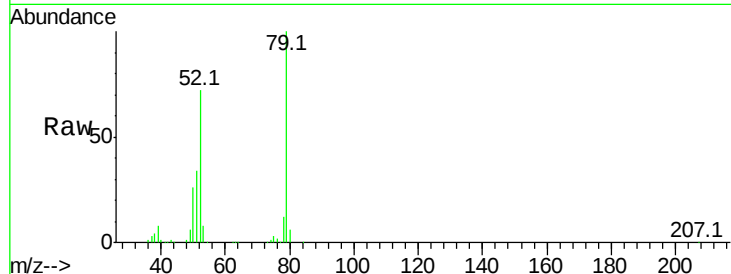
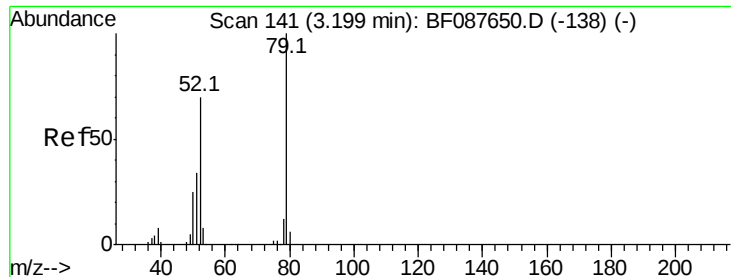


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





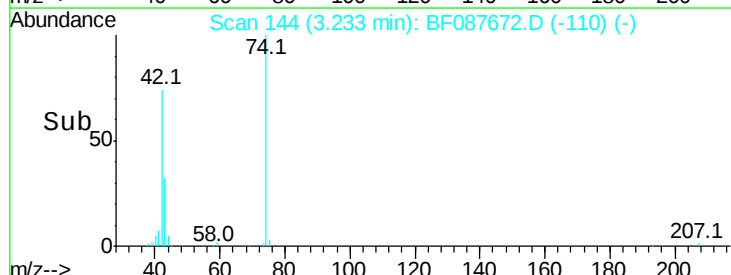
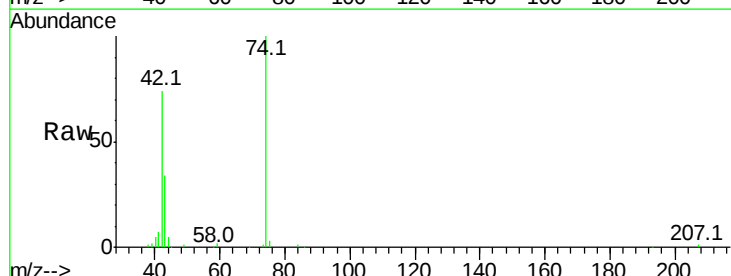
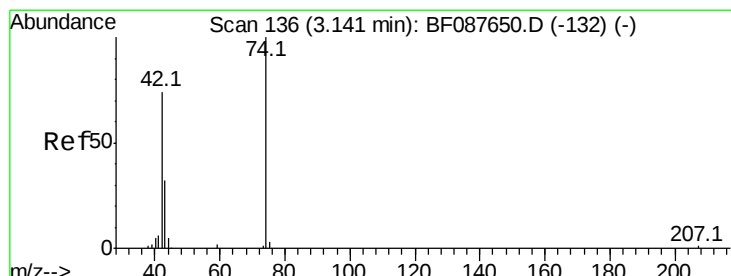
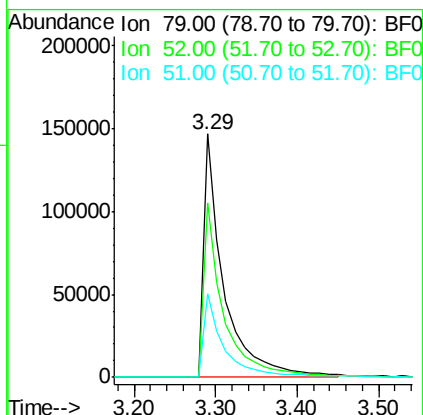
#3
Pvridine
Concen: 27.78 ng
RT: 3.29 min Scan# 149
Delta R.T. 0.09 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

Tot Ion	79	Resp	253774
Ion Ratio	Lower	Upper	
79	100		
52	71.5	56.3	84.5
51	34.5	27.4	41.2

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PB91062BS

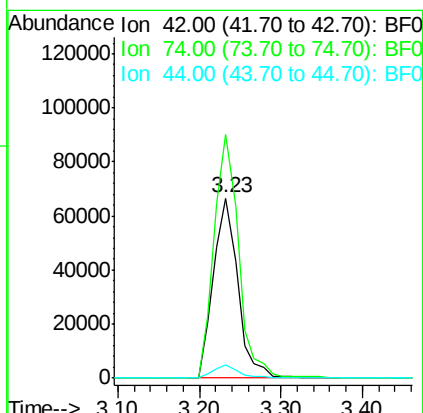
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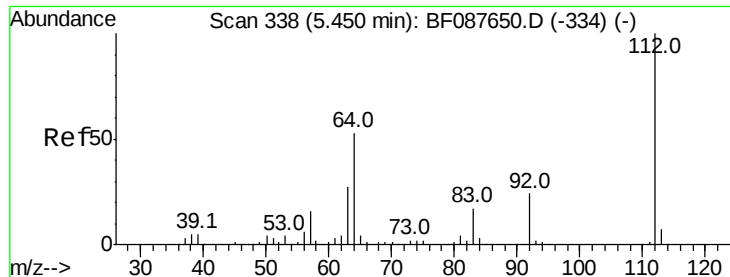
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#4
n-Nitrosodimethylamine
Concen: 36.03 ng
RT: 3.23 min Scan# 144
Delta R.T. 0.09 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

Tgt Ion	42	Resp	139045
Ion Ratio	Lower	Upper	
42	100		
74	135.2	108.6	163.0
44	7.1	5.5	8.3





#5

2-Fluorophenol

Concen: 97.52 ng

RT: 5.46 min Scan# 339

Delta R.T. 0.01 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Instrument :

BNA_F

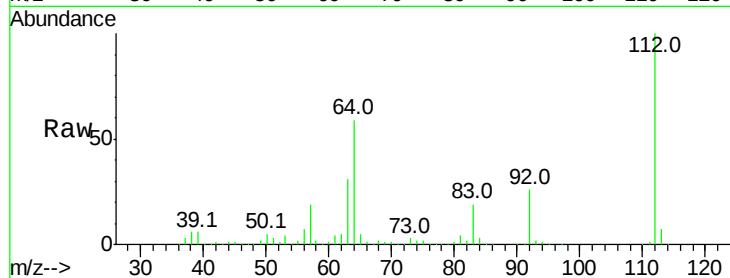
ClientSampleId :

PB91062BS

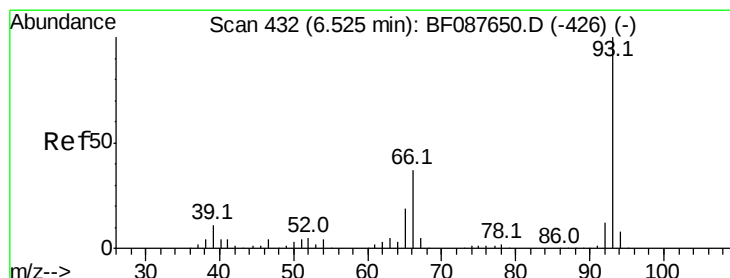
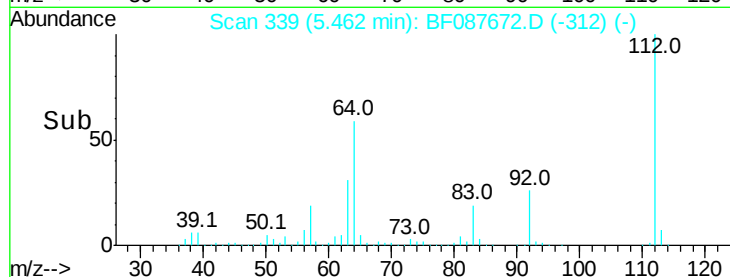
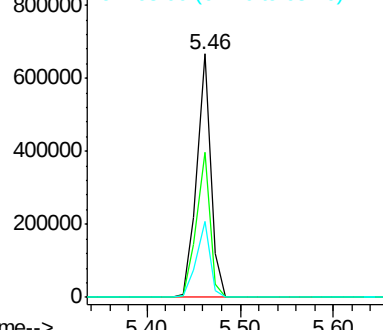
Tot Ion:	112	Resp:	697701
Ion Ratio	Lower	Upper	
112	100		
64	59.4	42.2	63.2
63	31.1	21.8	32.8

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BF087672.D (-312) (-)



#6

Aniline

Concen: 21.12 ng

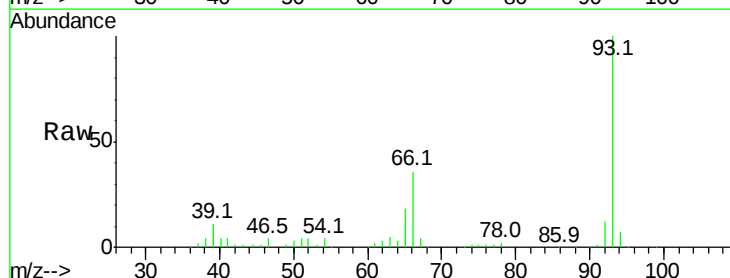
RT: 6.52 min Scan# 432

Delta R.T. -0.00 min

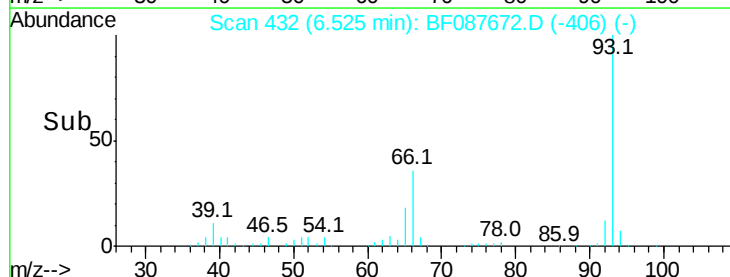
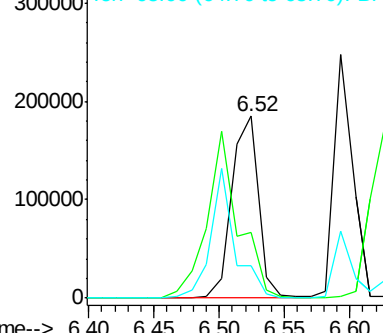
Lab File: BF087672.D

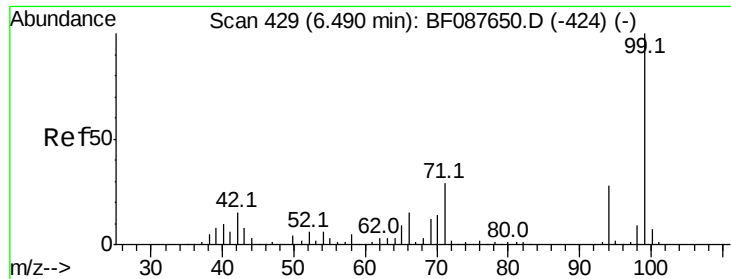
Acq: 4 Jun 2016 18:15

Tgt Ion:	93	Resp:	268593
Ion Ratio	Lower	Upper	
93	100		
66	35.9	29.8	44.8
65	18.1	14.9	22.3



Abundance Ion 93.00 (92.70 to 93.70): BF087672.D (-406) (-)





#7

Phenol-d6

Concen: 110.26 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Instrument :

BNA_F

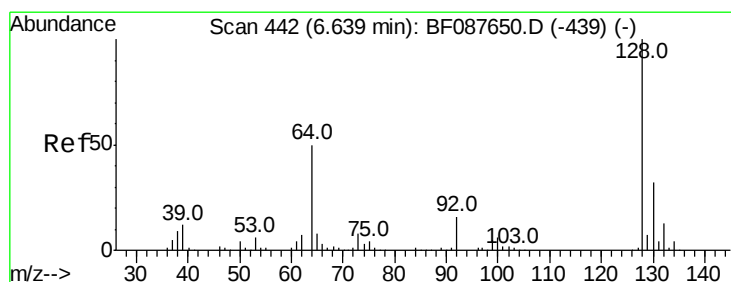
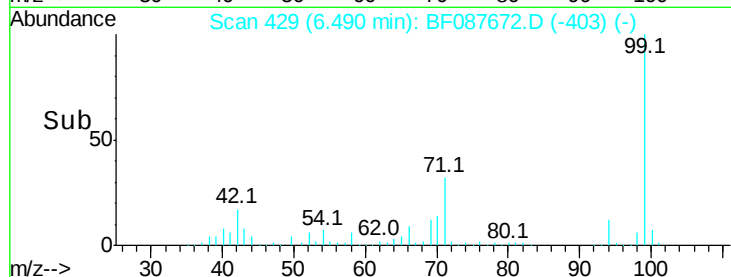
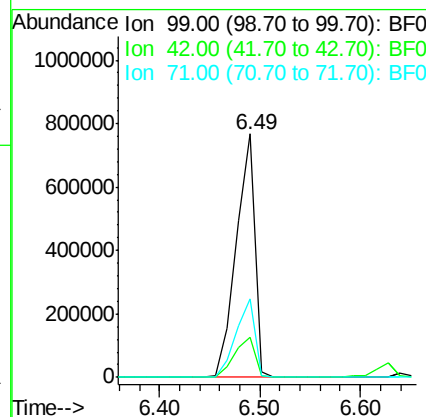
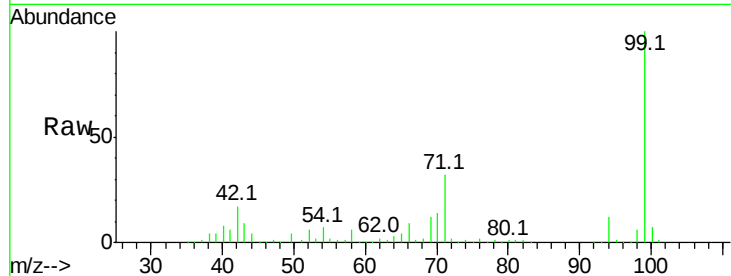
ClientSampleId :

PB91062BS

Tot Ion:	99	Resp:	989309
Ion Ratio	Lower	Upper	
99	100		
42	16.7	12.2	18.2
71	32.4	23.4	35.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 35.12 ng

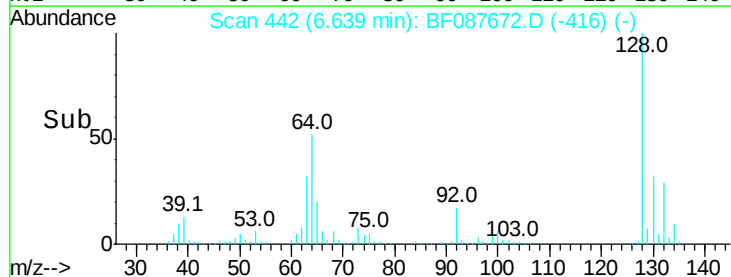
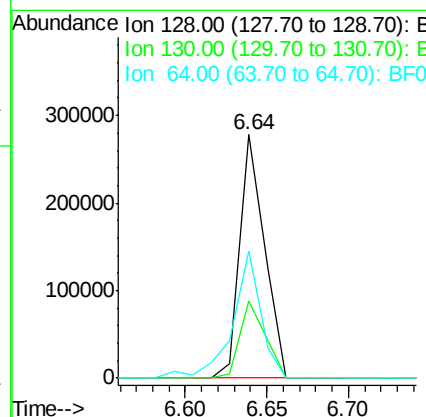
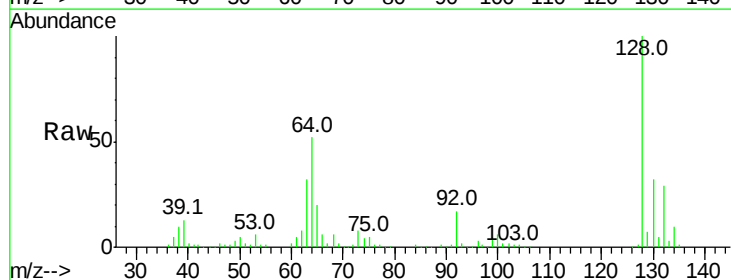
RT: 6.64 min Scan# 442

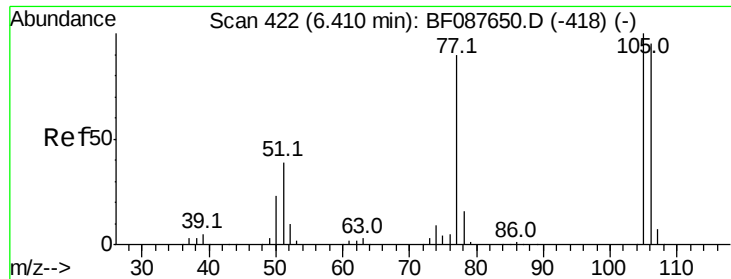
Delta R.T. -0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Tgt Ion:	128	Resp:	289114
Ion Ratio	Lower	Upper	
128	100		
130	31.8	12.0	52.0
64	52.0	30.8	70.8





#9

Benzaldehyde

Concen: 3.45 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Instrument :

BNA_F

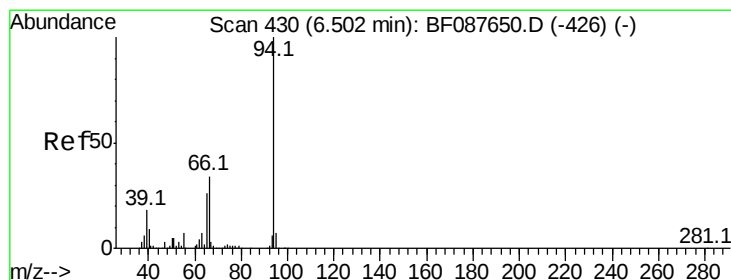
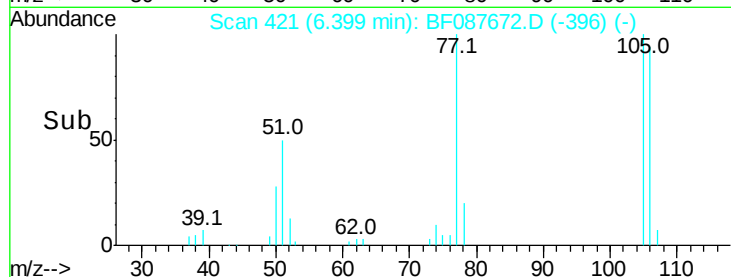
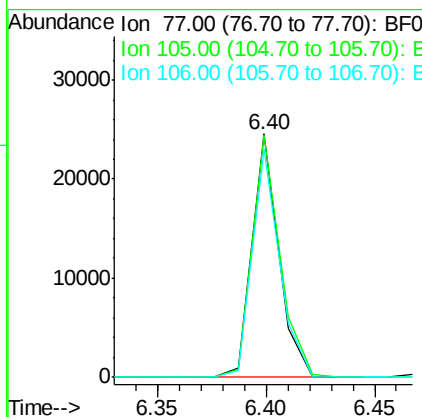
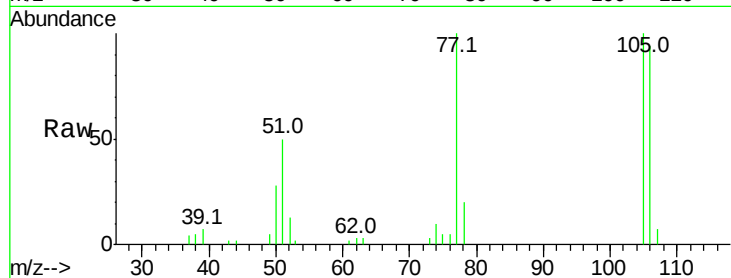
ClientSampleId :

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Tot Ion:	77	Resp:	20914
Ion	Ratio	Lower	Upper
77	100		
105	99.5	90.6	130.6
106	93.7	85.3	125.3

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#10

Phenol

Concen: 42.08 ng

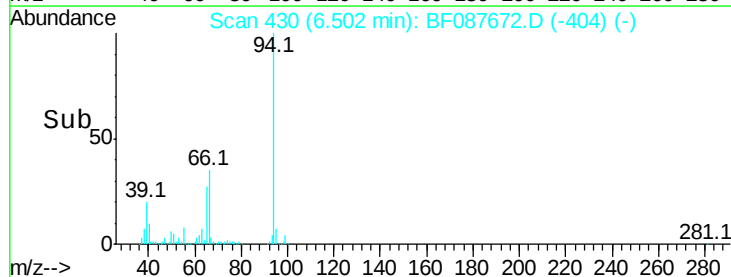
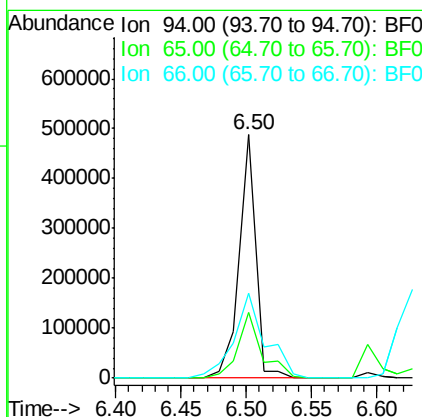
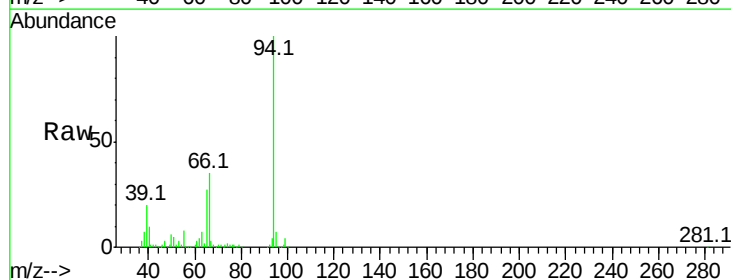
RT: 6.50 min Scan# 430

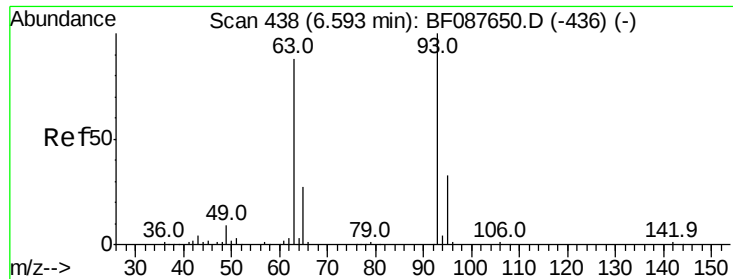
Delta R.T. -0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Tgt Ion:	94	Resp:	429947
Ion	Ratio	Lower	Upper
94	100		
65	26.9	5.9	45.9
66	34.9	14.0	54.0





#11

bis(2-Chloroethyl)ether

Concen: 33.31 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Instrument :

BNA_F

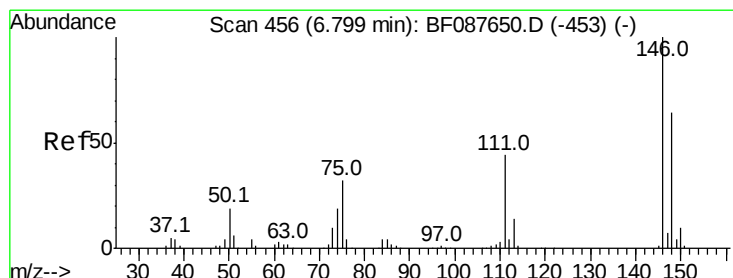
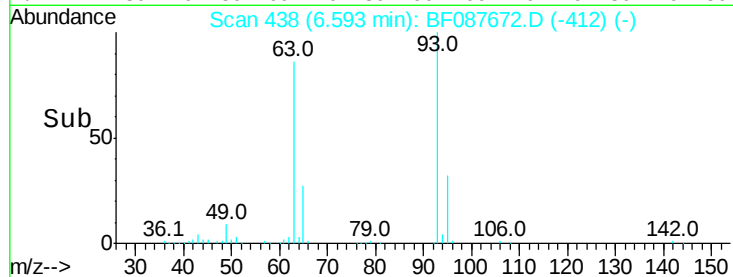
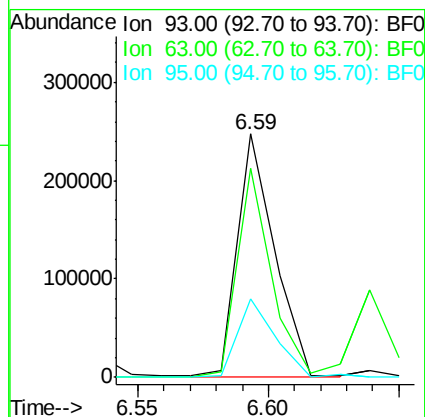
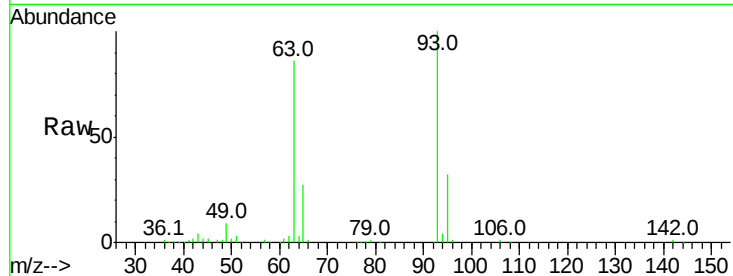
ClientSampleId :

PB91062BS

Tot Ion:	93	Resp:	247281
Ion Ratio	Lower	Upper	
93	100		
63	86.0	67.6	107.6
95	32.2	12.5	52.5

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#12

1,3-Dichlorobenzene

Concen: 35.15 ng

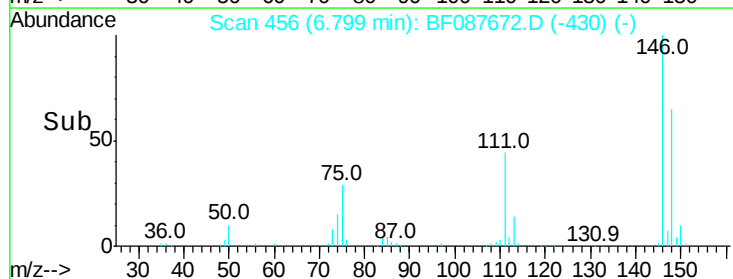
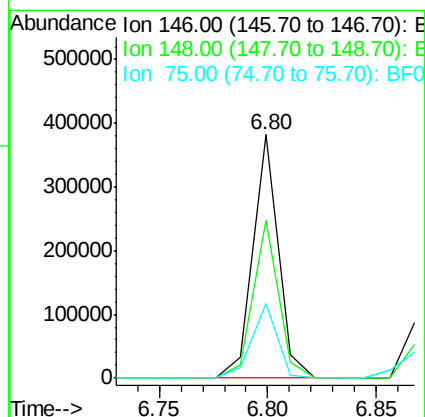
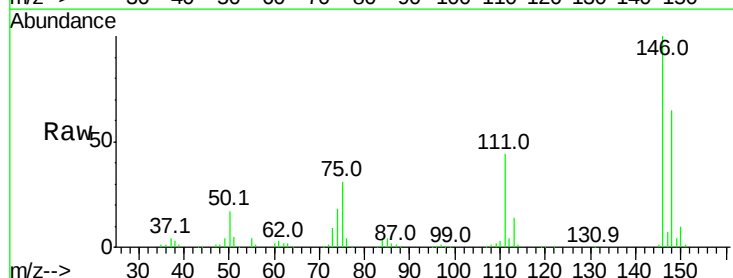
RT: 6.80 min Scan# 456

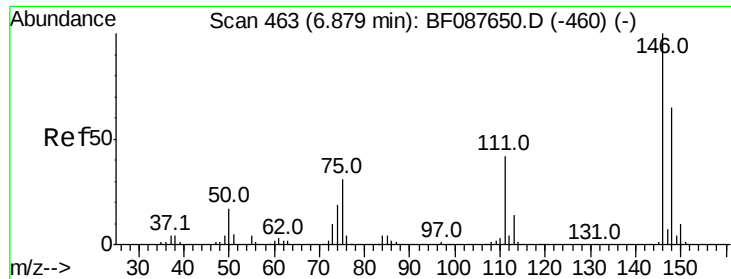
Delta R.T. -0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Tgt Ion:	146	Resp:	309853
Ion Ratio	Lower	Upper	
146	100		
148	64.8	50.9	76.3
75	30.5	25.6	38.4





#13

1,4-Dichlorobenzene

Concen: 36.16 ng

RT: 6.88 min Scan# 463

Delta R.T. -0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Instrument :

BNA_F

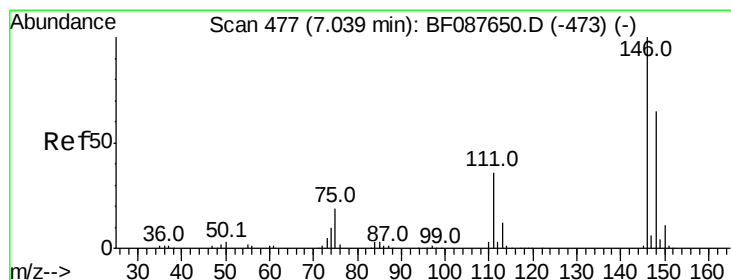
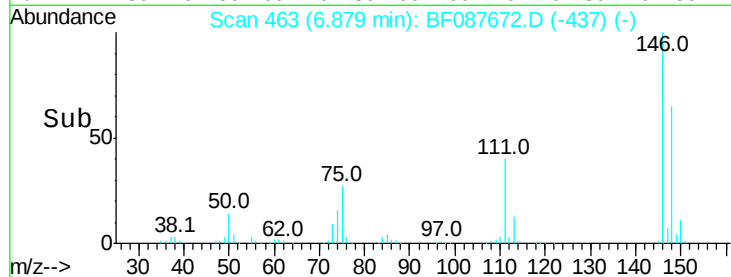
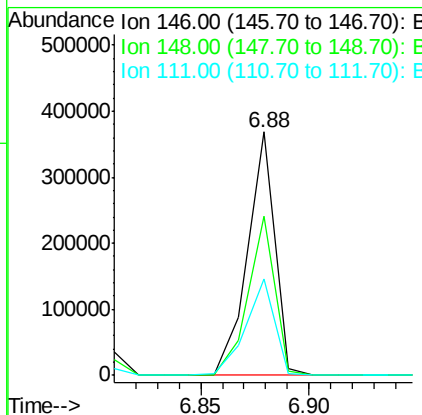
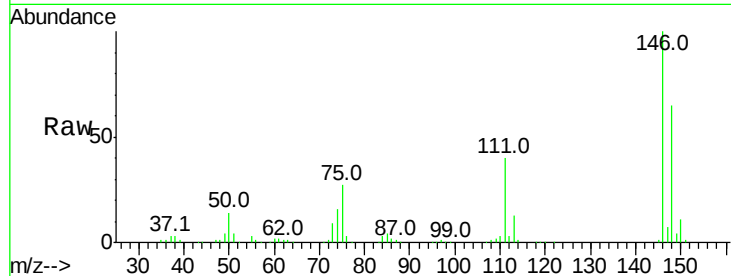
ClientSampleId :

PB91062BS

Tot Ion:	146	Resp:	319814
Ion Ratio	Lower	Upper	
146	100		
148	65.2	52.0	78.0
111	39.5	33.8	50.8

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 33.37 ng m

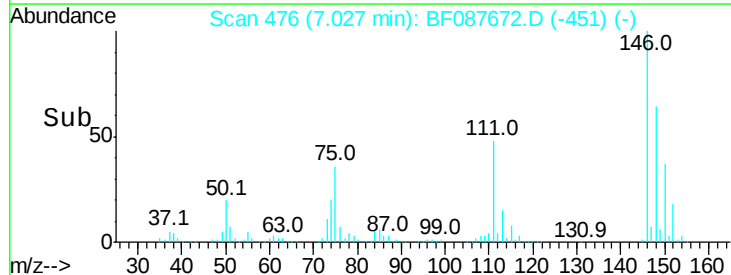
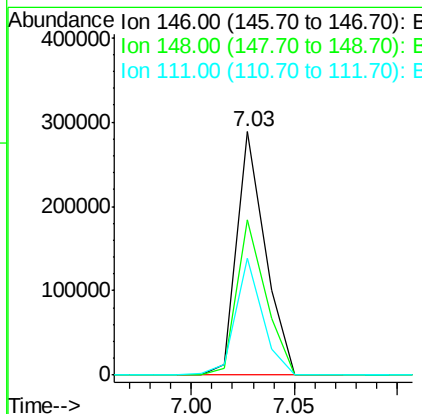
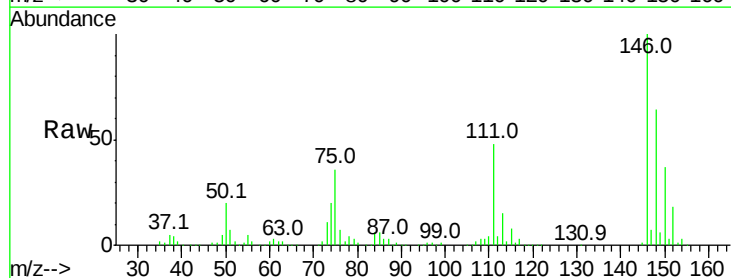
RT: 7.03 min Scan# 476

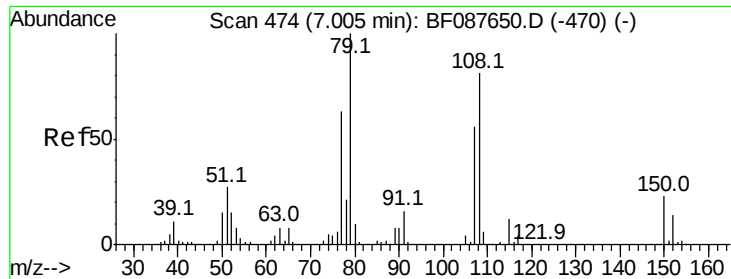
Delta R.T. -0.01 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Tgt Ion:	146	Resp:	276664
Ion Ratio	Lower	Upper	
146	100		
148	63.7	52.3	78.5
111	48.0	28.7	43.1#





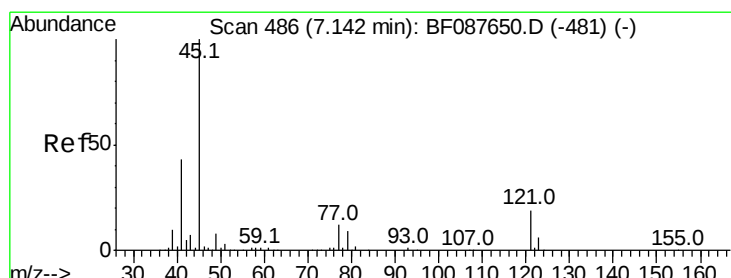
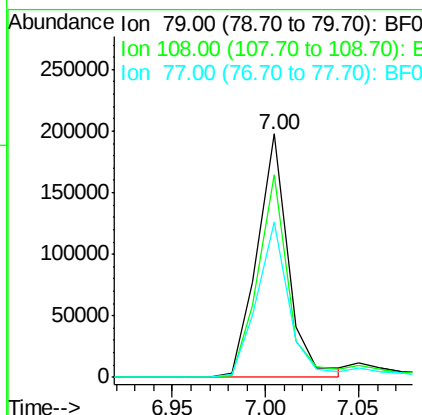
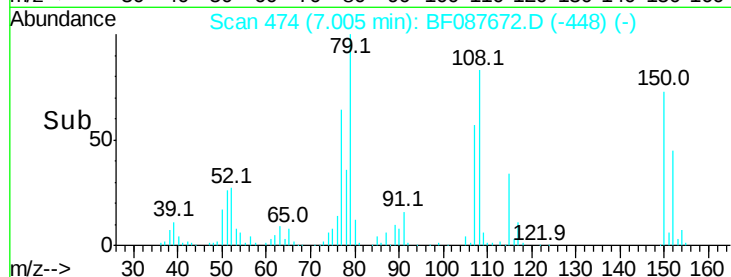
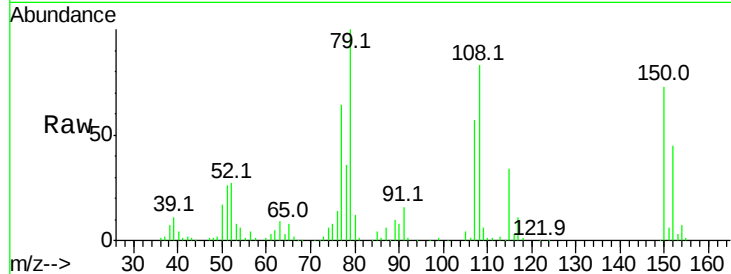
#15
Benzyl Alcohol
Concen: 34.54 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.00 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

Instrument :
BNA_F
ClientSampled :
PB91062BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	83.4	65.0	97.6	
77	63.7	50.3	75.5	

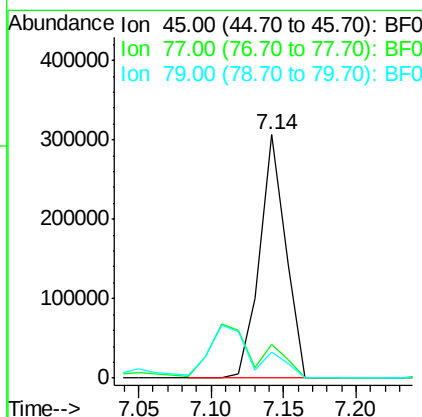
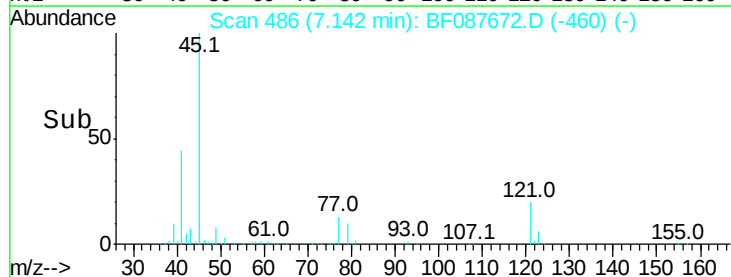
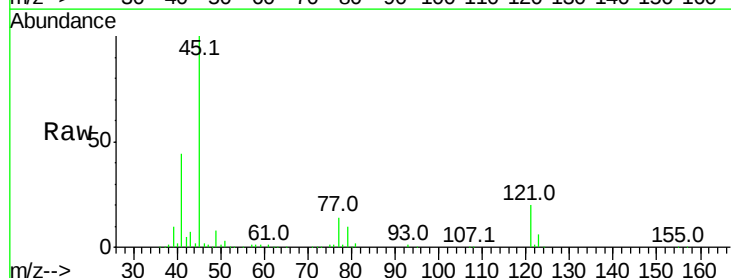
Manual Integrations
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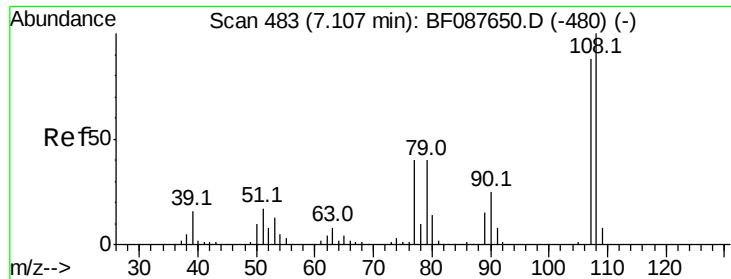
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#16
2,2'-oxybis(1-chloropropane)
Concen: 35.19 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.00 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	13.6	0.0	32.5	
79	10.5	0.0	29.5	





#17

2-Methylphenol

Concen: 38.28 ng

RT: 7.12 min Scan# 484

Delta R.T. 0.01 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Instrument :

BNA_F

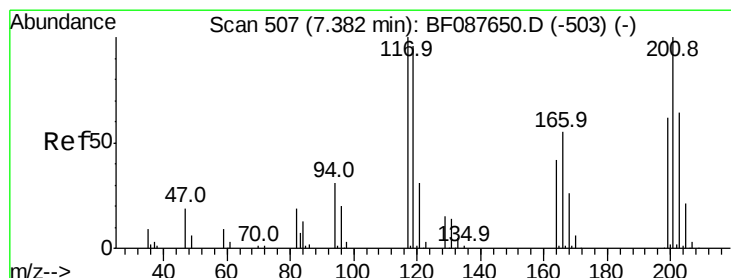
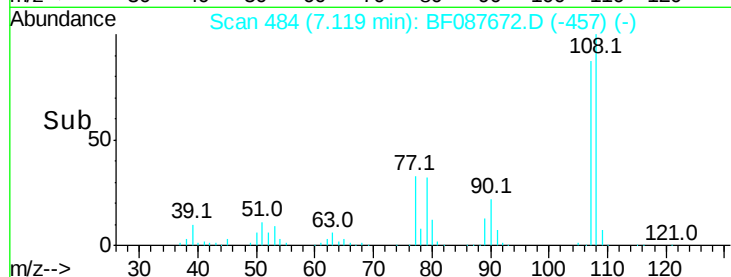
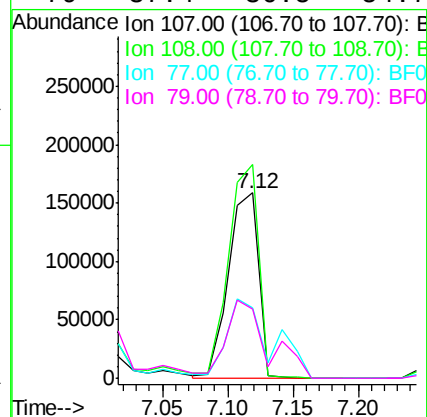
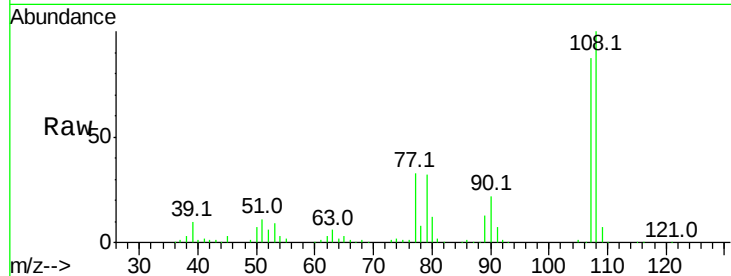
ClientSampleId :

PB91062BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100		253040		
108	115.3	90.9	136.3		
77	38.0	36.6	55.0		
79	37.4	36.5	54.7		

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#18

Hexachloroethane

Concen: 35.81 ng

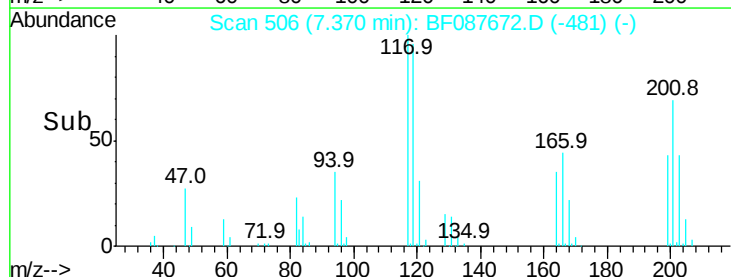
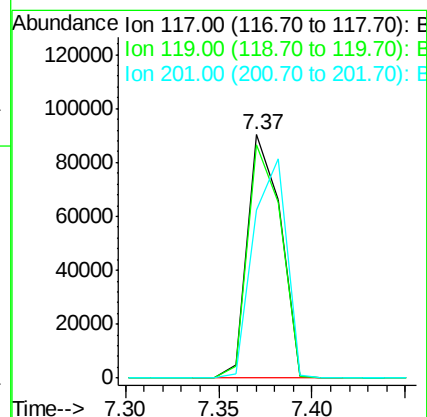
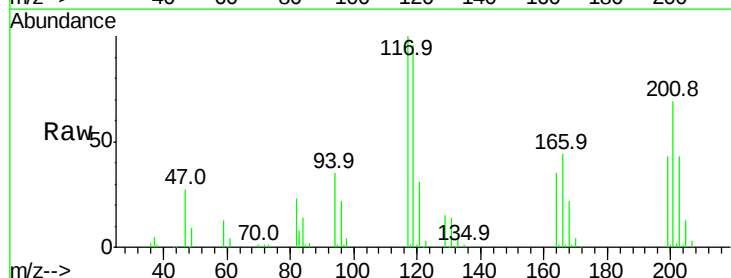
RT: 7.37 min Scan# 506

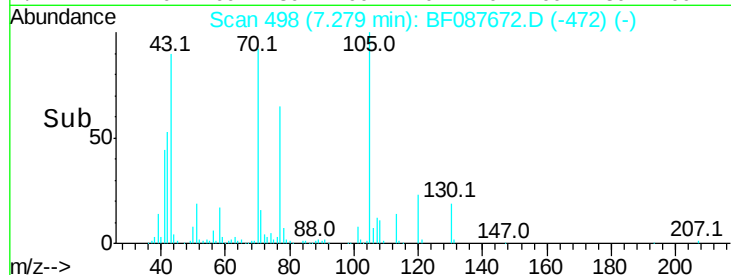
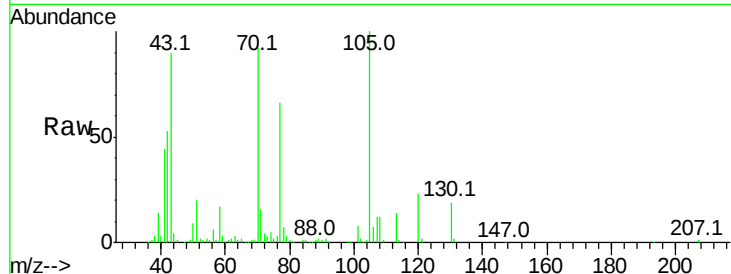
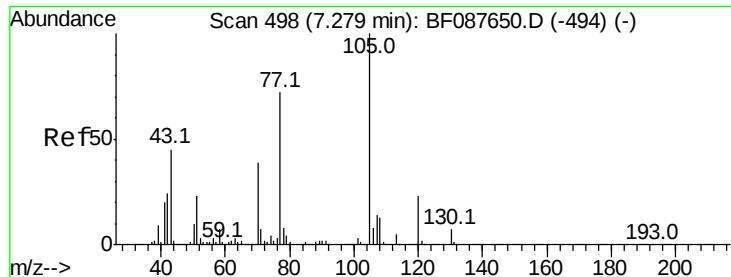
Delta R.T. -0.01 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

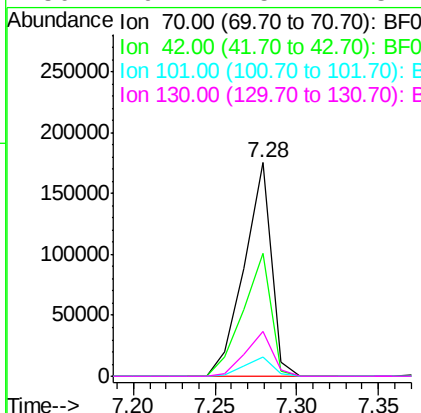
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		110774		
119	95.6	77.4	116.2		
201	69.0	80.4	120.6#		





#19
n-Nitroso-di-n-propylamine
Concen: 36.05 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.00 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

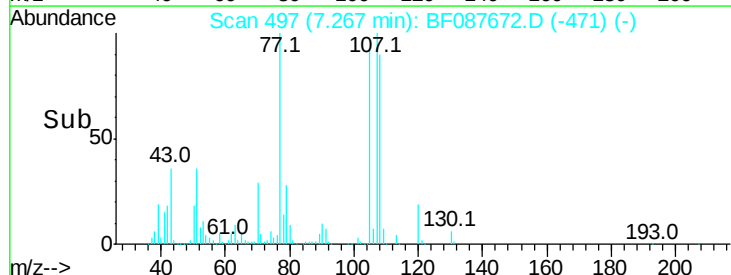
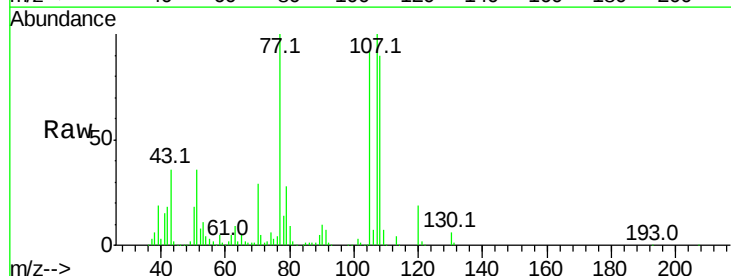
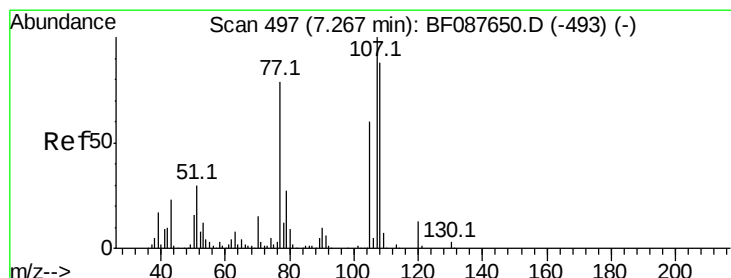
Tot Ion	70	Resp	202012
Ion Ratio	Lower	Upper	
70	100		
42	57.8	49.6	74.4
101	9.1	7.1	10.7
130	20.7	15.4	23.2



Instrument :
BNA_F
ClientSampleId :
PB91062BS

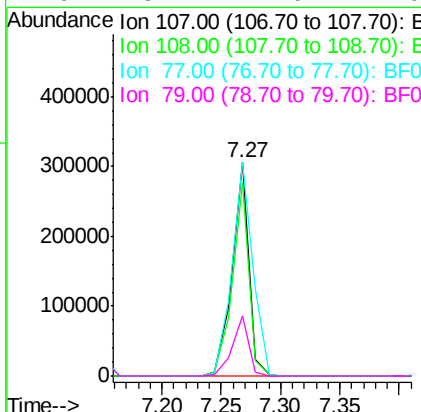
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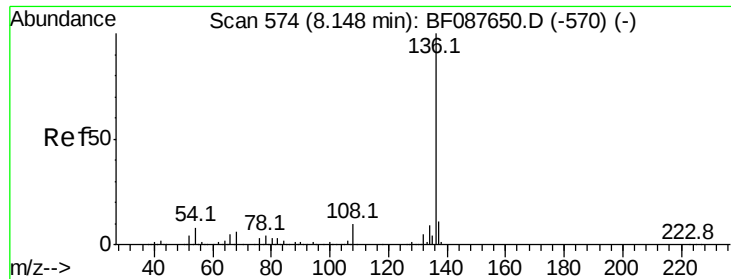
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#20
3+4-Methylphenols
Concen: 36.90 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.00 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

Tgt Ion	107	Resp	298898
Ion Ratio	Lower	Upper	
107	100		
108	90.4	67.8	107.8
77	99.8	59.3	99.3#
79	28.4	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 574

Delta R.T. -0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Instrument :

BNA_F

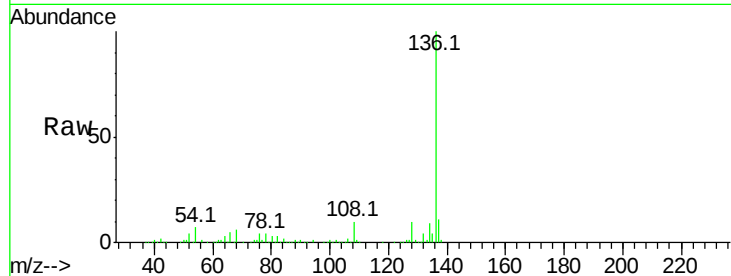
ClientSampleId :

PB91062BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	489483		
137	11.0	9.1	13.7	
54	7.3	6.6	10.0	
68	5.7	5.1	7.7	

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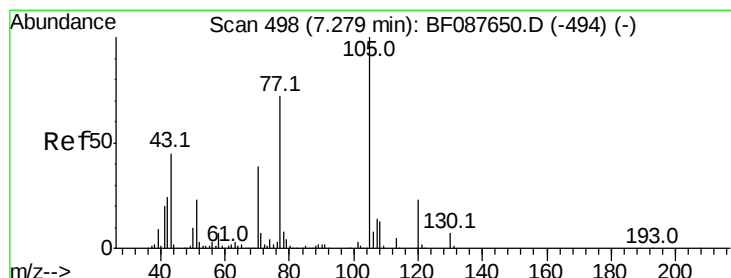
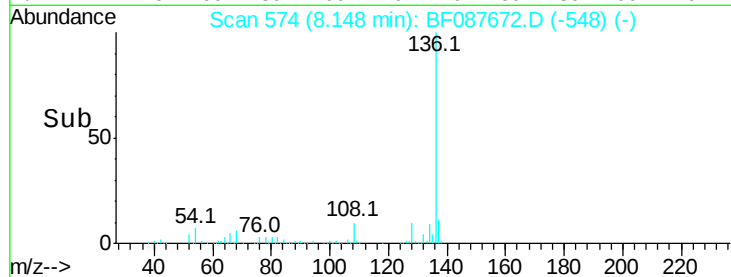
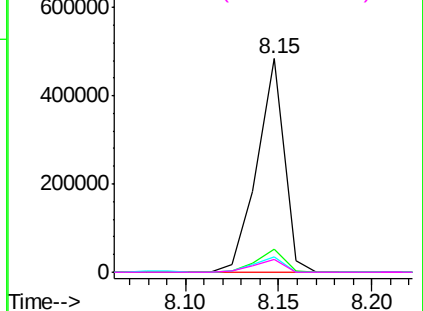


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.90 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

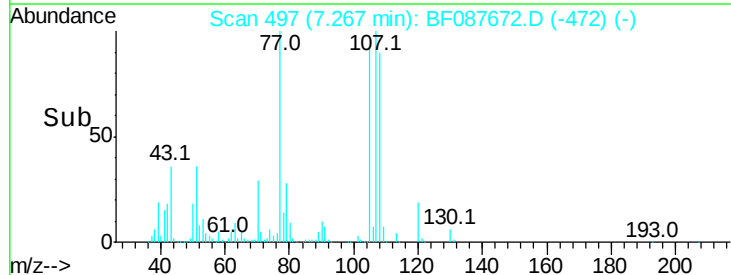
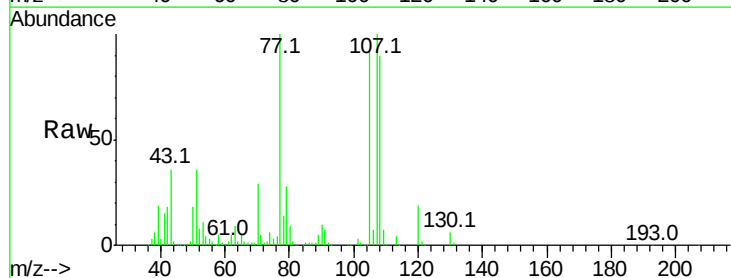
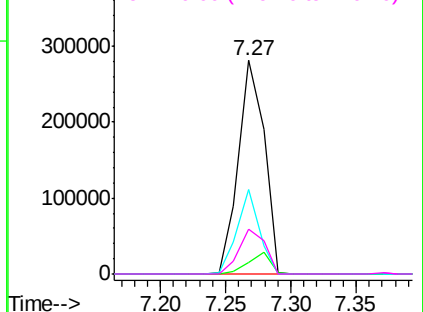
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	386977		
71	5.4	5.3	7.9	
51	39.5	18.2	27.4#	
120	21.1	18.0	27.0	

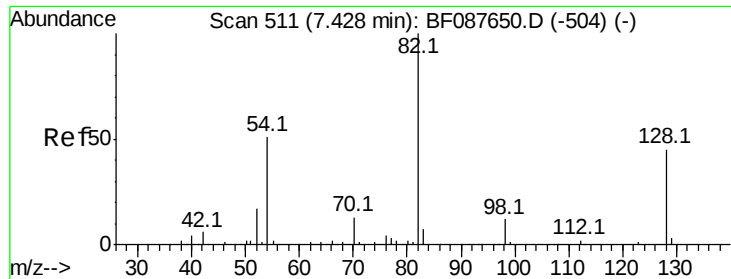
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





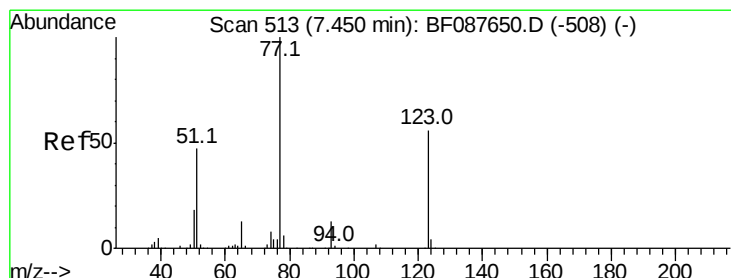
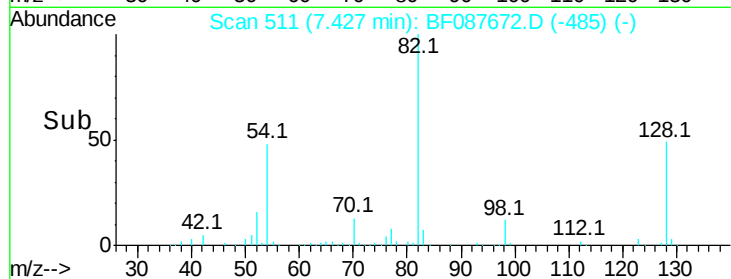
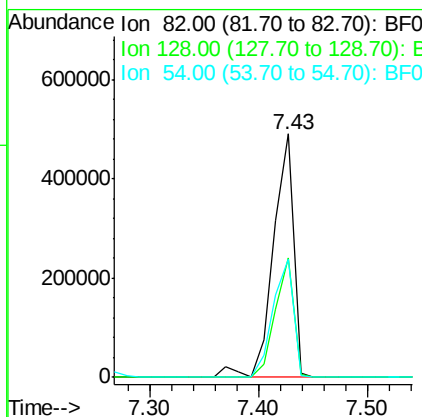
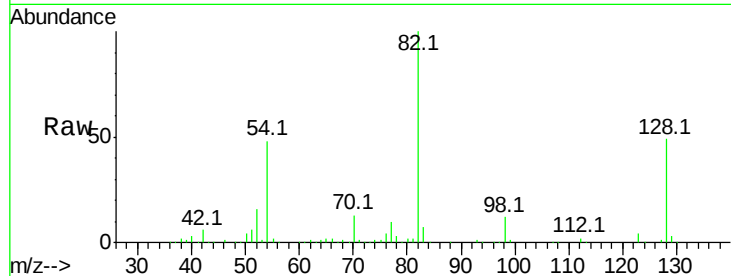
#23
Nitrobenzene-d5
Concen: 75.13 ng
RT: 7.43 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

Instrument :
BNA_F
ClientSampleId :
PB91062BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	49.3	35.9	53.9	
54	48.4	40.9	61.3	

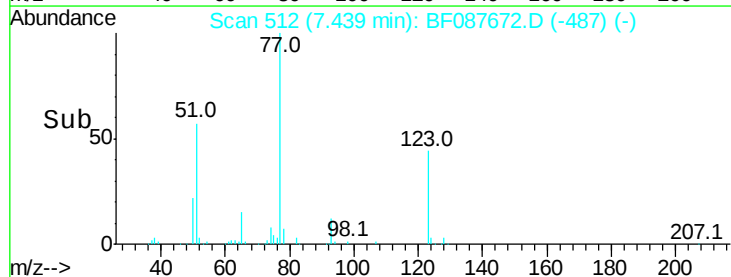
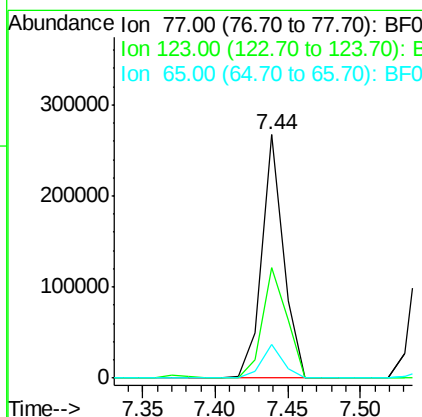
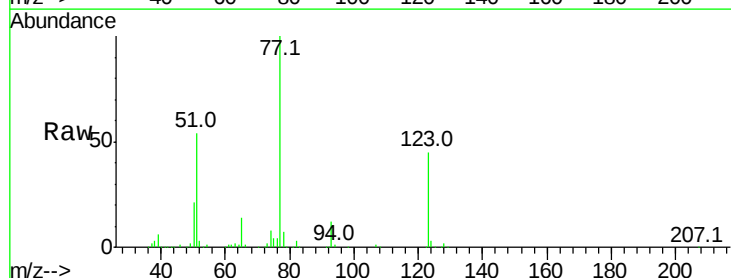
Manual Integrations
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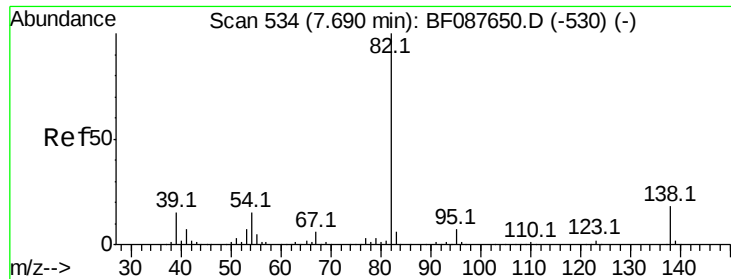
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#24
Nitrobenzene
Concen: 32.82 ng
RT: 7.44 min Scan# 512
Delta R.T. -0.01 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	45.2	45.0	67.4	
65	13.6	10.2	15.2	





#25

Isophorone

Concen: 35.82 ng

RT: 7.69 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Instrument :

BNA_F

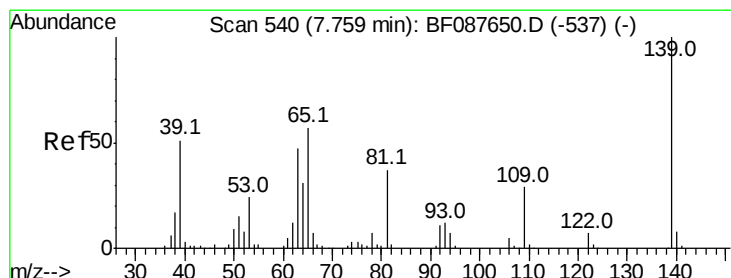
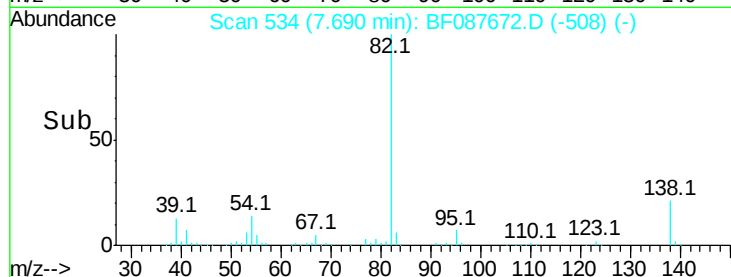
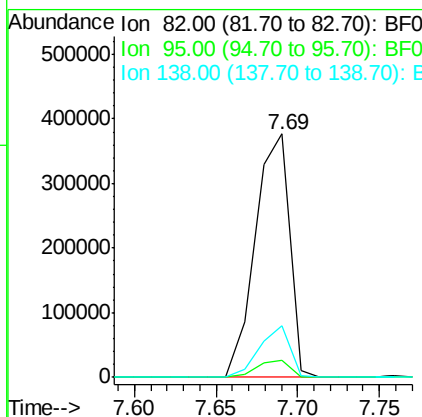
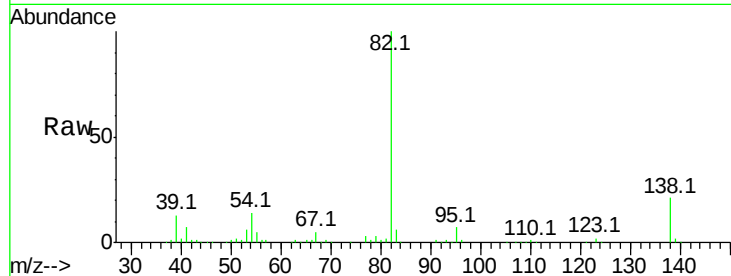
ClientSampleId :

PB91062BS

Tot Ion:	82	Resp:	551777
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.4	8.2
138	21.3	14.6	21.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 37.49 ng

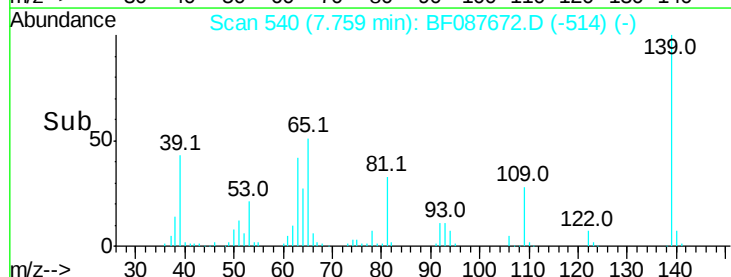
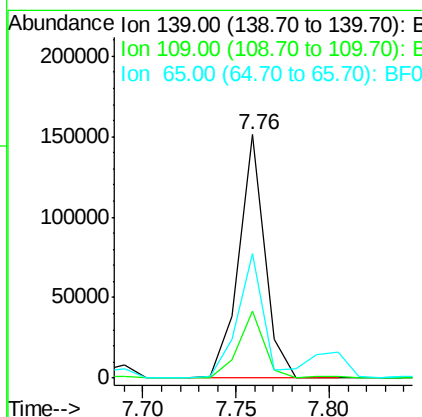
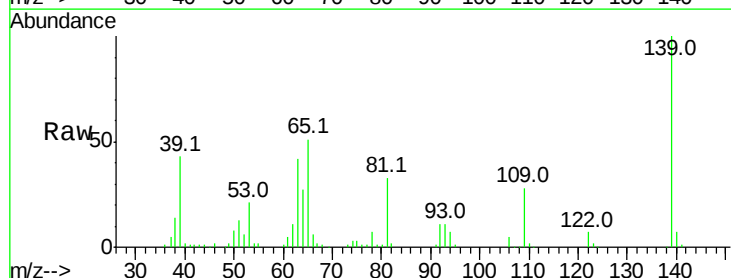
RT: 7.76 min Scan# 540

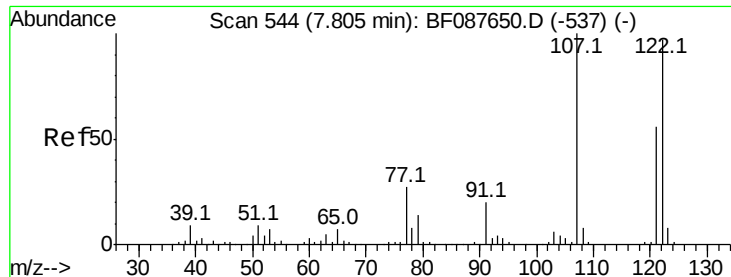
Delta R.T. -0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Tgt Ion:	139	Resp:	147485
Ion Ratio	Lower	Upper	
139	100		
109	27.5	23.0	34.4
65	51.0	45.8	68.8





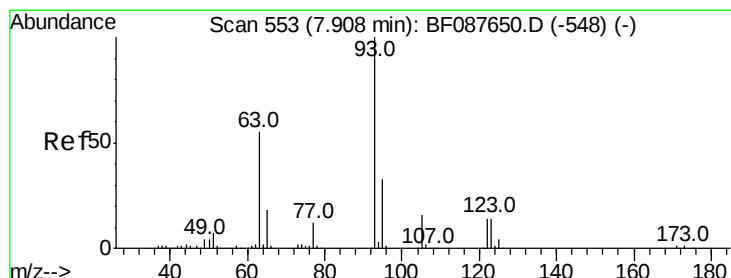
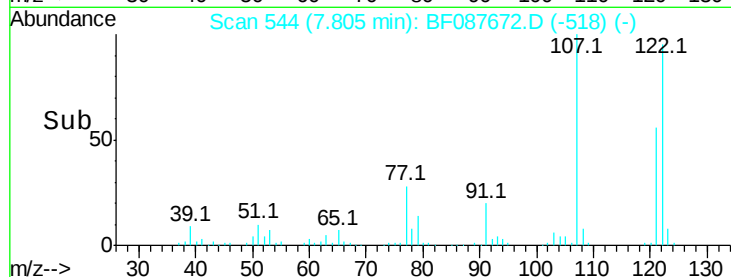
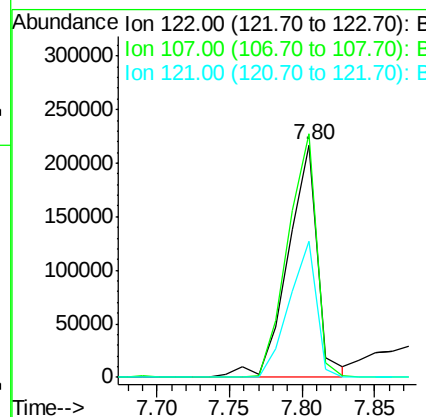
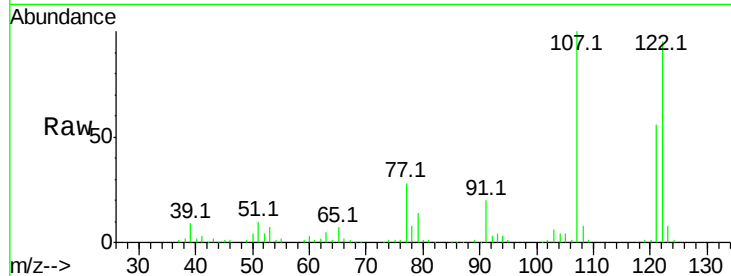
#27
 2,4-Dimethylphenol
 Concen: 37.43 ng
 RT: 7.80 min Scan# 544
 Delta R.T. -0.00 min
 Lab File: BF087672.D
 Acq: 4 Jun 2016 18:15

Instrument :
 BNA_F
 ClientSampleId :
 PB91062BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	305155		
107	104.9	82.4	123.6	
121	58.5	46.3	69.5	

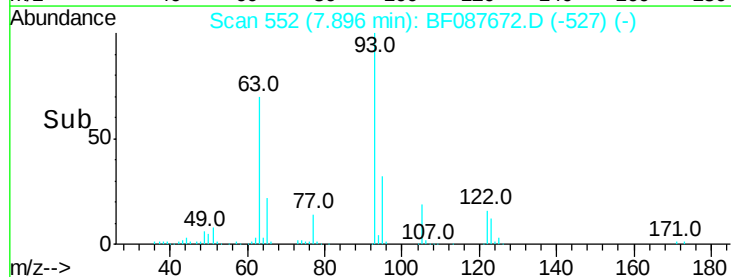
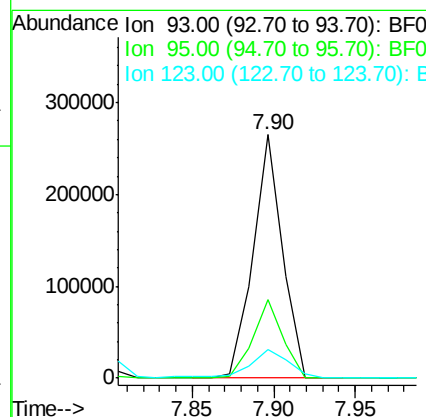
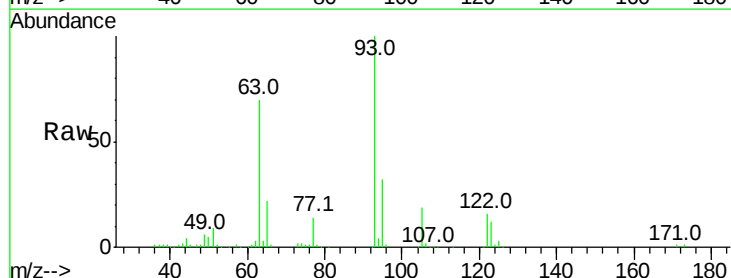
Manual Integrations
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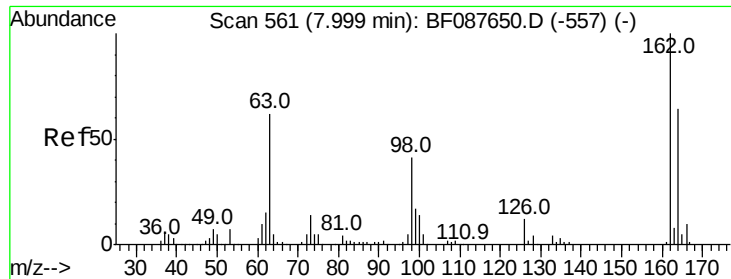
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#28
 bis(2-Chloroethoxy)methane
 Concen: 33.72 ng
 RT: 7.90 min Scan# 552
 Delta R.T. -0.01 min
 Lab File: BF087672.D
 Acq: 4 Jun 2016 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	329414		
95	32.2	26.5	39.7	
123	11.9	11.6	17.4	





#29

2,4-Dichlorophenol

Concen: 36.36 ng

RT: 8.00 min Scan# 561

Delta R.T. -0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Instrument :

BNA_F

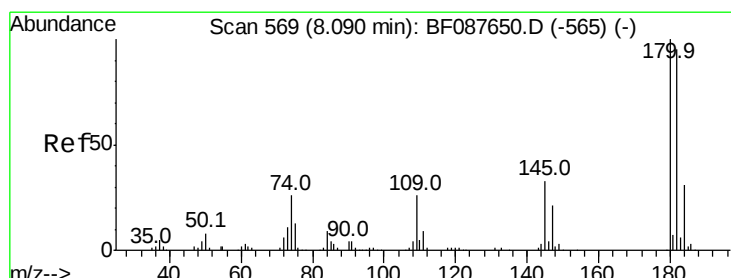
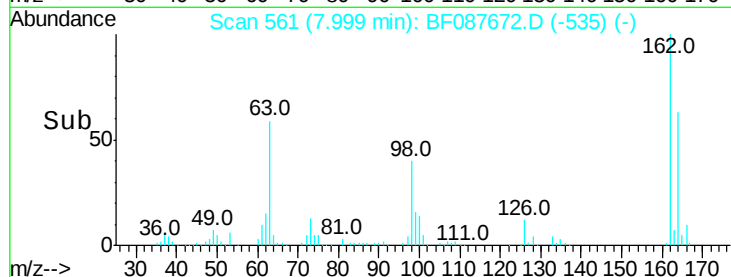
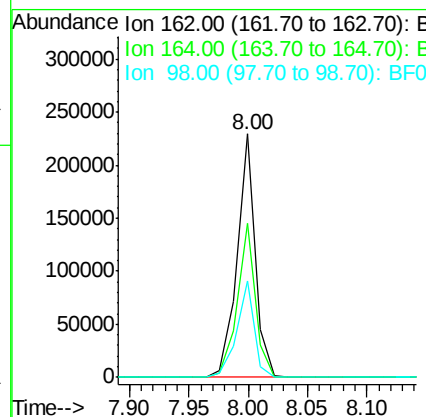
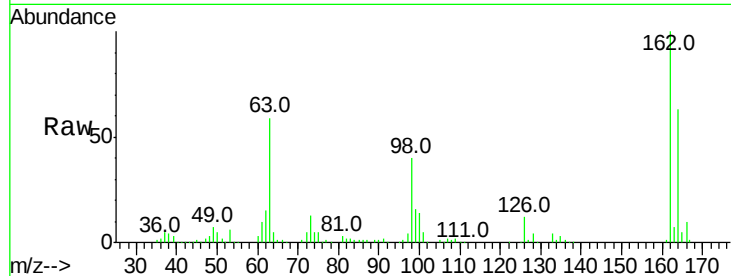
ClientSampleId :

PB91062BS

Tot Ion:	162	Resp:	243486
Ion Ratio	Lower	Upper	
162	100		
164	63.0	43.8	83.8
98	39.8	21.3	61.3

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#30

1,2,4-Trichlorobenzene

Concen: 37.46 ng

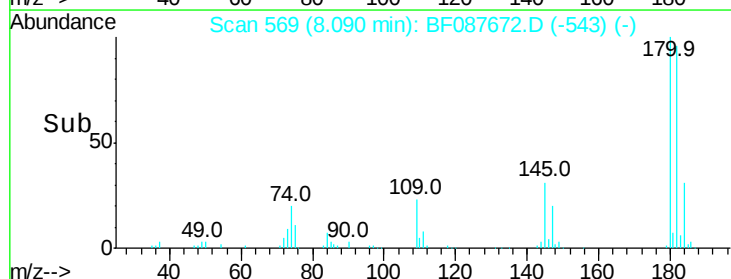
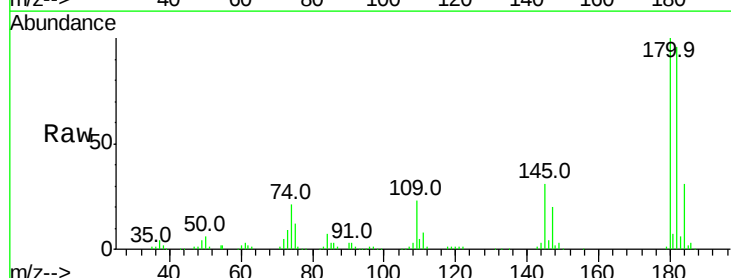
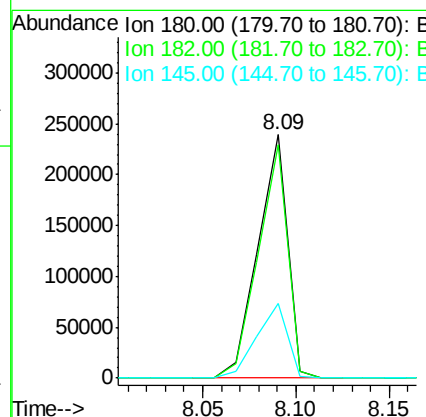
RT: 8.09 min Scan# 569

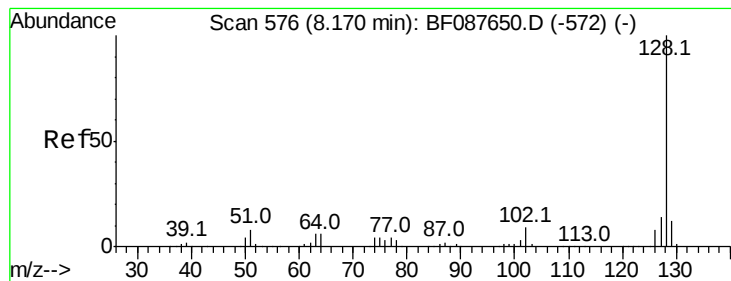
Delta R.T. -0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Tgt Ion:	180	Resp:	262665
Ion Ratio	Lower	Upper	
180	100		
182	96.1	76.0	114.0
145	30.8	26.5	39.7





#31

Naphthalene

Concen: 38.28 ng

RT: 8.17 min Scan# 576

Delta R.T. -0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Instrument :

BNA_F

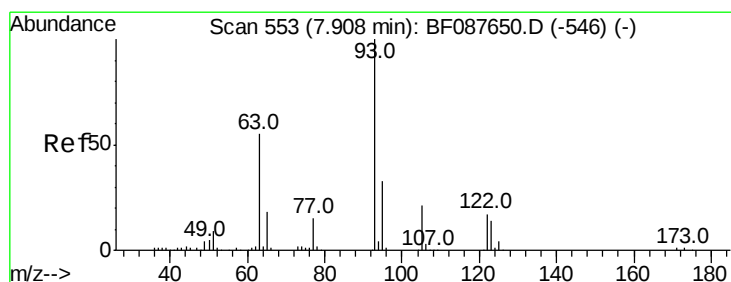
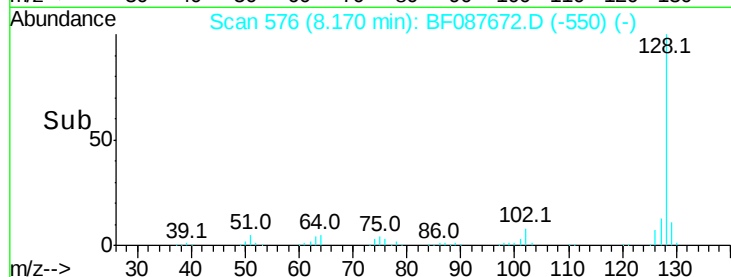
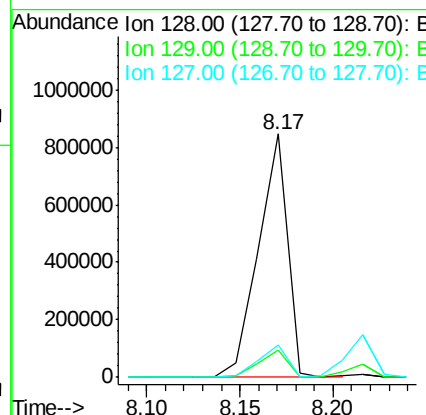
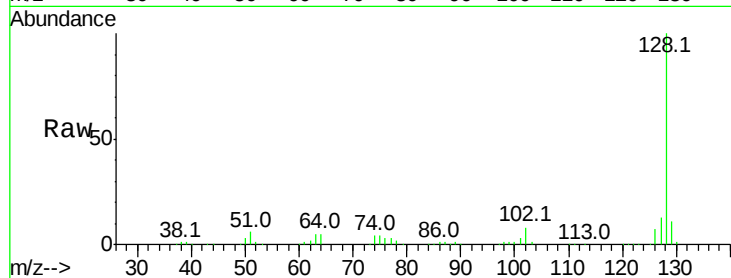
ClientSampleId :

PB91062BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	910925		
129	11.3	9.4	14.2	
127	13.2	10.9	16.3	

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#32

Benzoic acid

Concen: 41.50 ng

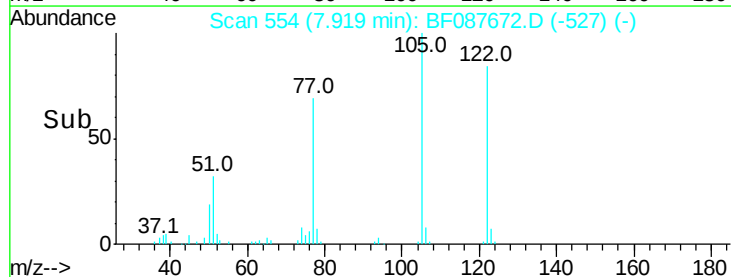
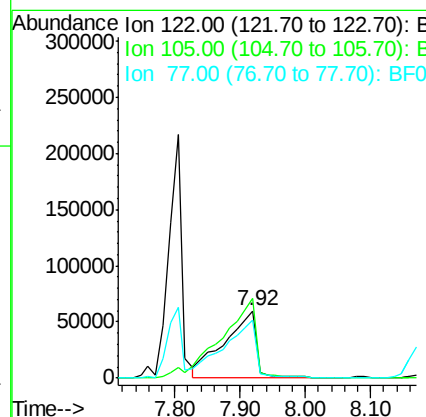
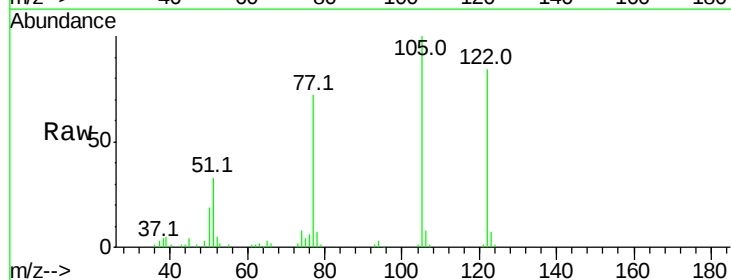
RT: 7.92 min Scan# 554

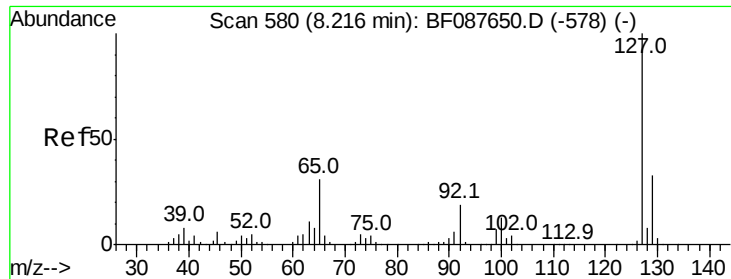
Delta R.T. 0.01 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	204115		
105	119.6	101.6	141.6	
77	86.0	70.6	110.6	





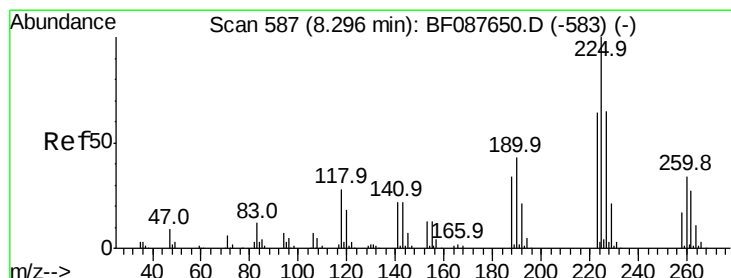
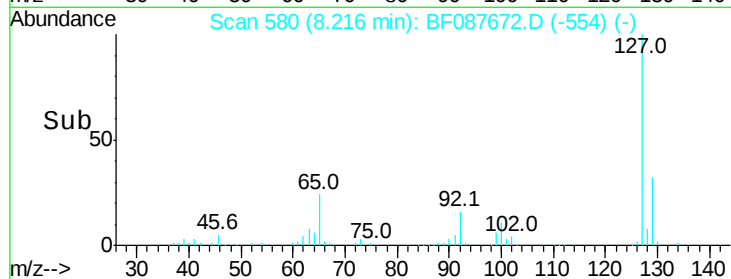
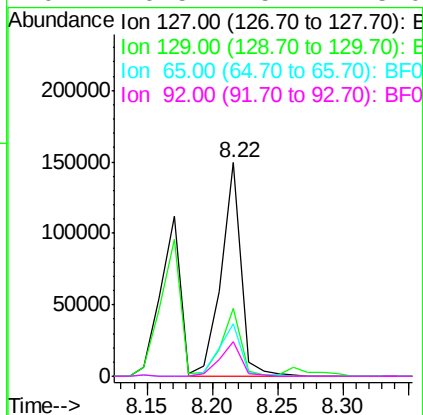
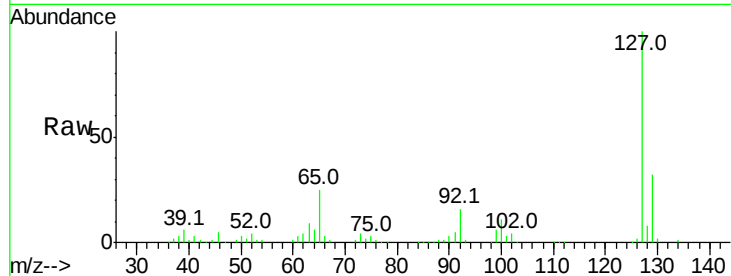
#33
4-Chloroaniline
Concen: 15.38 ng
RT: 8.22 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

Instrument :
BNA_F
ClientSampleId :
PB91062BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		159000		
129	31.9	26.3	39.5		
65	24.9	24.7	37.1		
92	16.5	15.4	23.0		

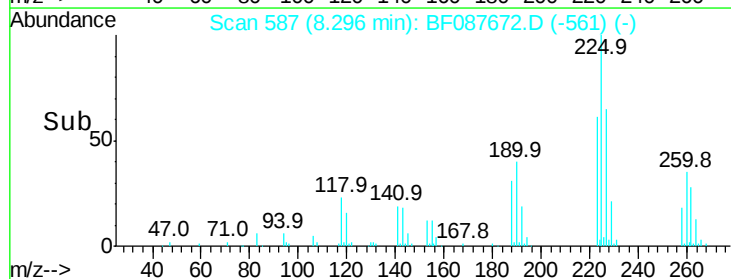
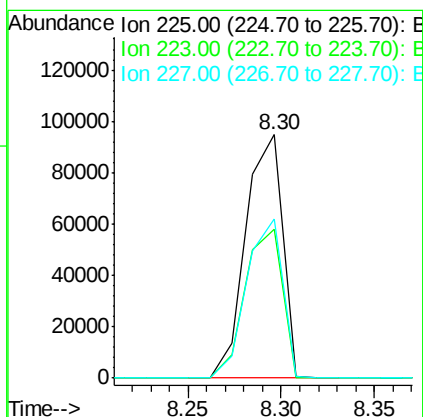
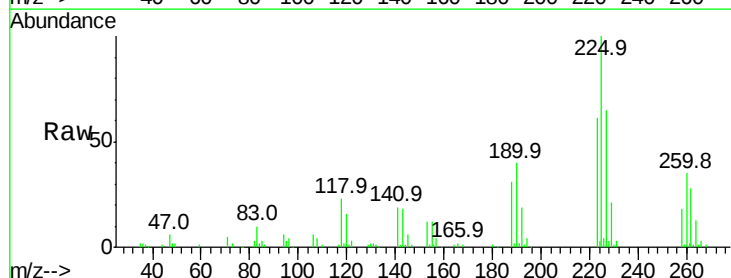
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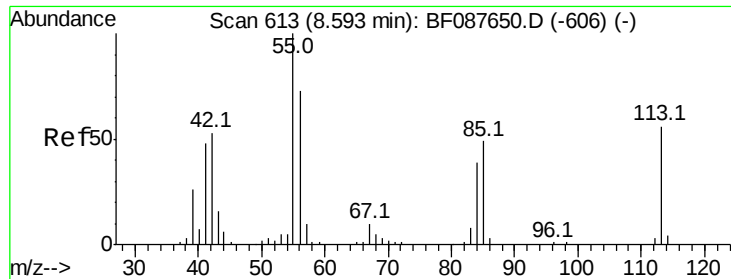
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#34
Hexachlorobutadiene
Concen: 35.43 ng
RT: 8.30 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		129156		
223	61.4	50.9	76.3		
227	65.1	51.9	77.9		





#35

Caprolactam

Concen: 38.35 ng/ml

RT: 8.58 min Scan# 612

Delta R.T. -0.01 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Instrument :

BNA_F

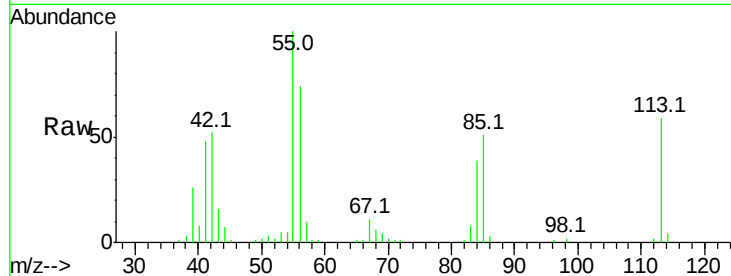
ClientSampleId :

PB91062BS

Tot Ion:	113	Resp:	84360
Ion Ratio	Lower	Upper	
113	100		
55	170.8	158.6	198.6
56	125.7	110.6	150.6

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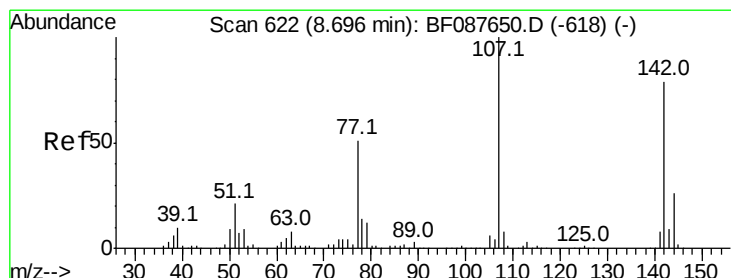
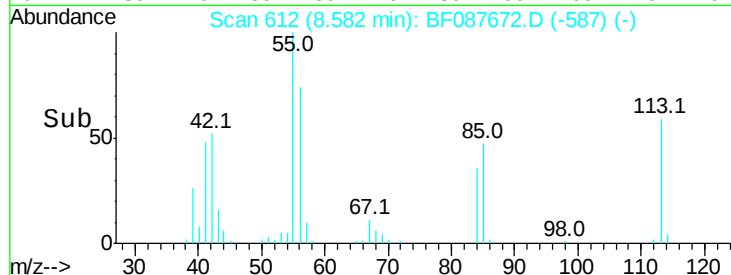
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

8.58

Time-->



#36

4-Chloro-3-methylphenol

Concen: 35.89 ng/ml

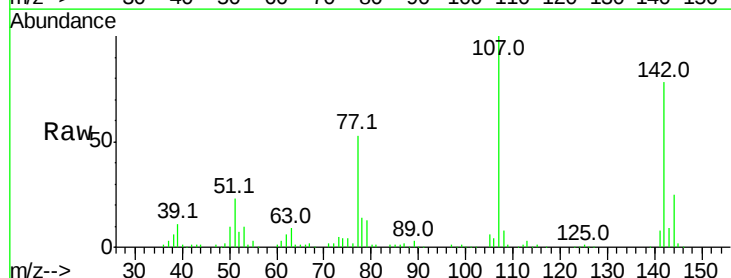
RT: 8.70 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Tgt Ion:	107	Resp:	248617
Ion Ratio	Lower	Upper	
107	100		
144	25.2	20.8	31.2
142	78.4	63.4	95.2



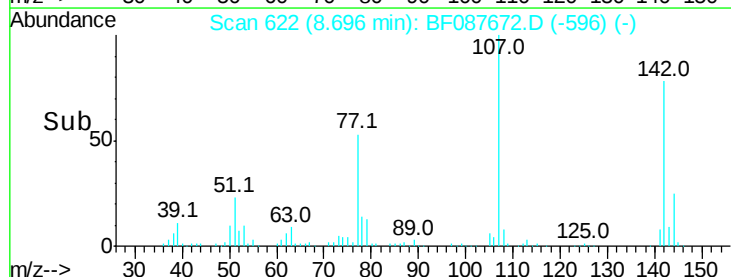
Abundance Ion 107.00 (106.70 to 107.70): E

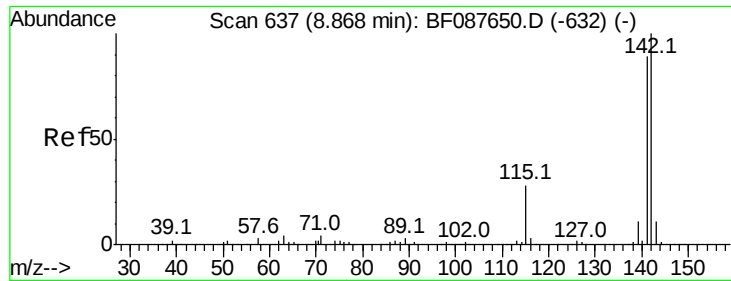
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

8.70

Time-->





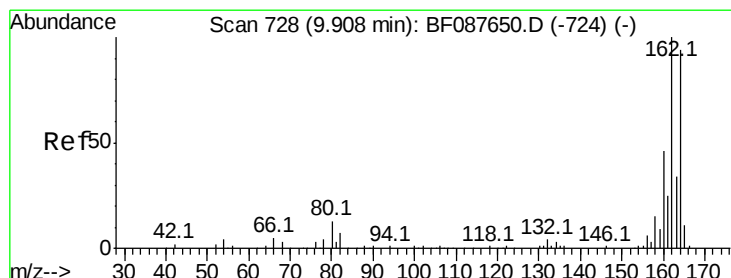
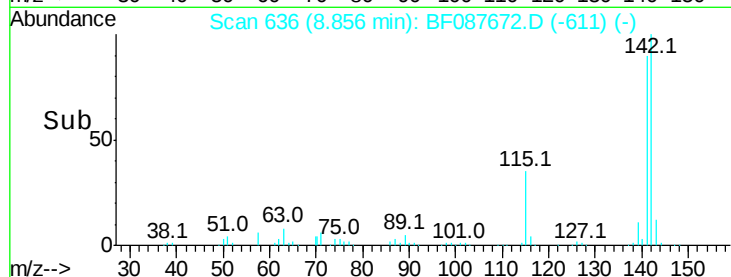
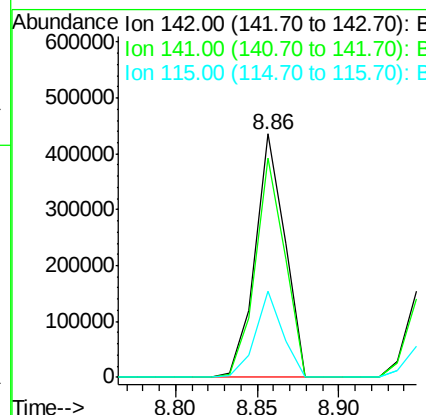
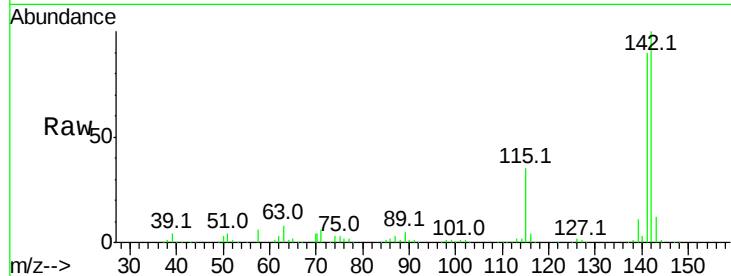
#37
2-Methylnaphthalene
Concen: 35.00 ng
RT: 8.86 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

Instrument :
BNA_F
ClientSampleId :
PB91062BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.0	106.6
115	35.2	22.6	33.8

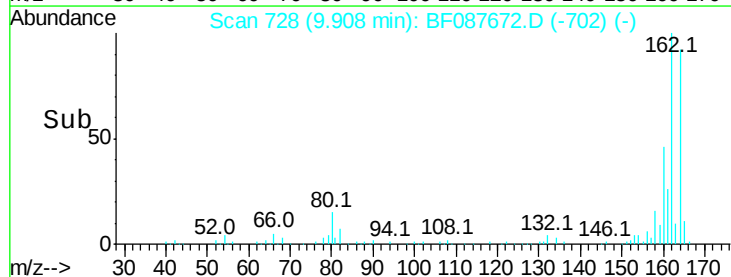
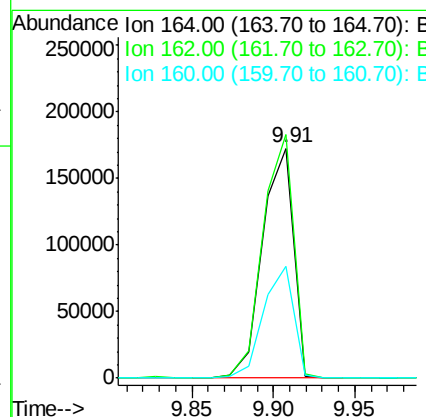
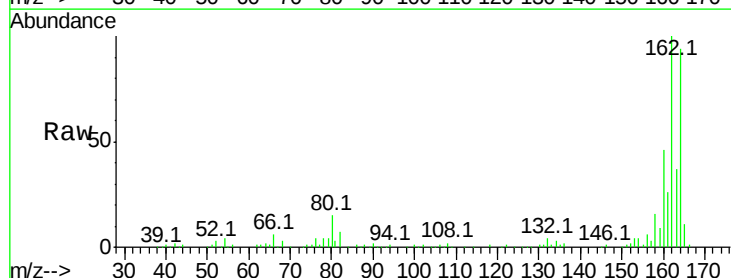
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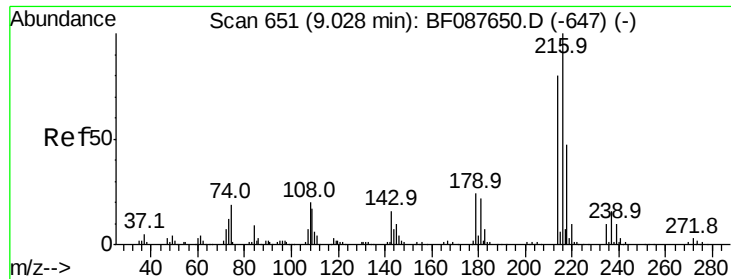
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.0	85.4	128.2
160	48.9	39.5	59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.78 ng

RT: 9.03 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Instrument :

BNA_F

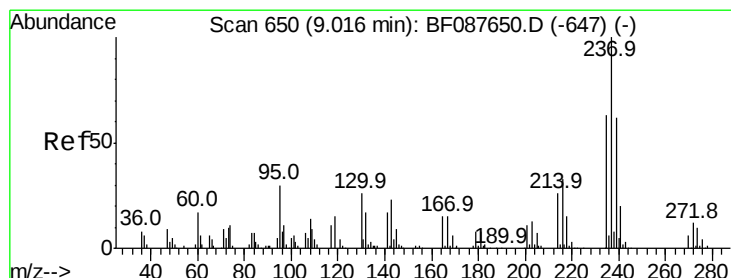
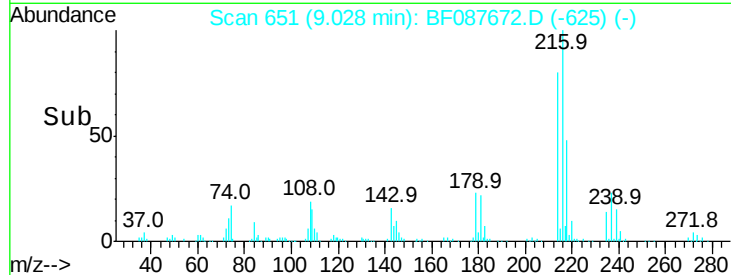
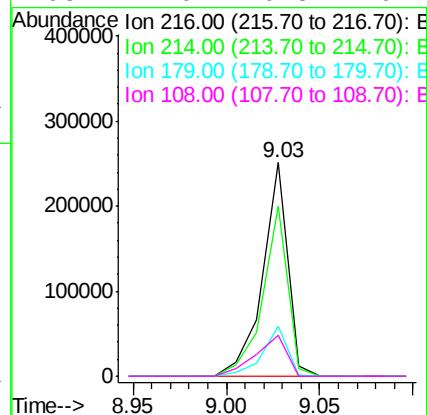
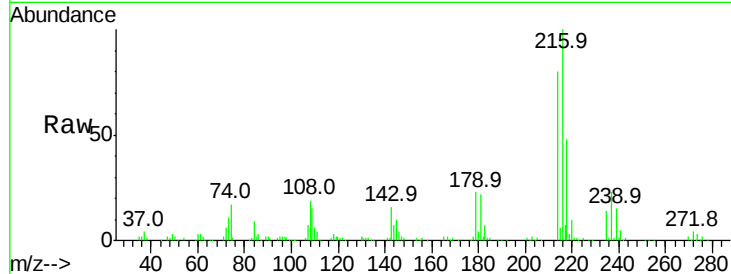
ClientSampleId :

PB91062BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	237403		
214	79.5	2.9	4.3#	
179	23.1	0.0	0.0#	
108	24.0	0.5	0.7#	

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#40

Hexachlorocyclopentadiene

Concen: 69.80 ng

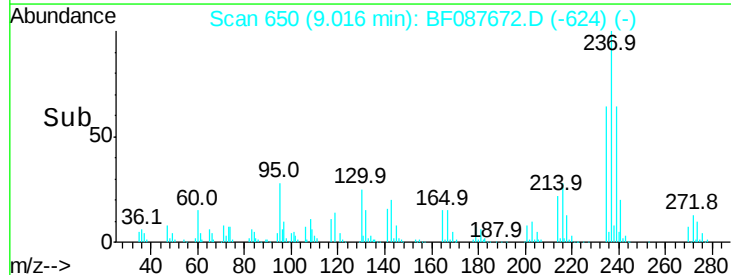
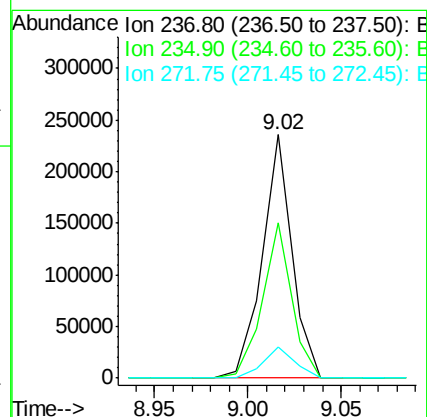
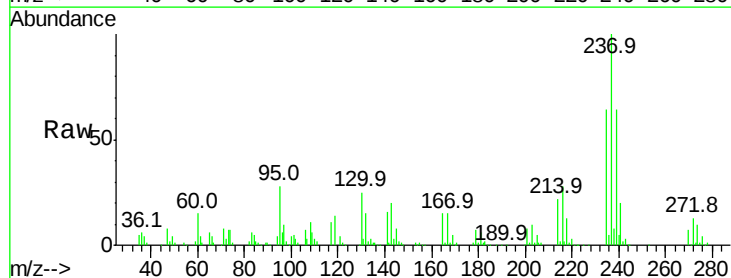
RT: 9.02 min Scan# 650

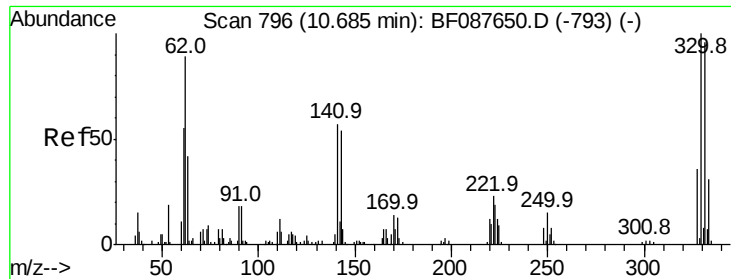
Delta R.T. -0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	257996		
235	63.5	43.4	83.4	
272	12.5	0.0	32.3	





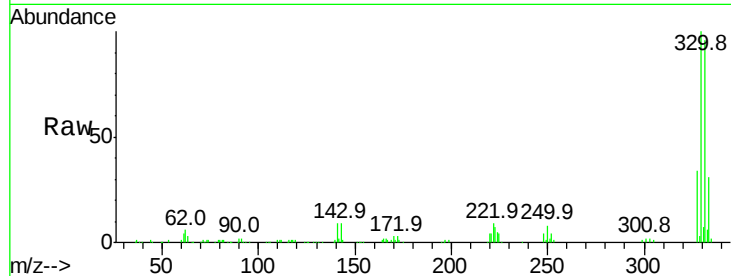
#41
 2,4,6-Tribromophenol
 Concen: 110.39 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.01 min
 Lab File: BF087672.D
 Acq: 4 Jun 2016 18:15

Instrument :
 BNA_F
 ClientSampleId :
 PB91062BS

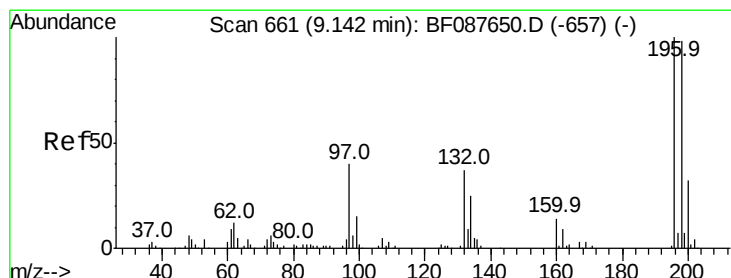
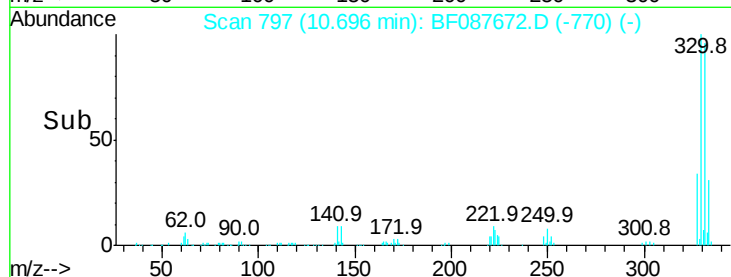
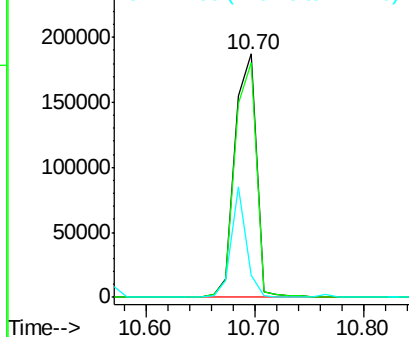
Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	32.5	0.0	0.0#

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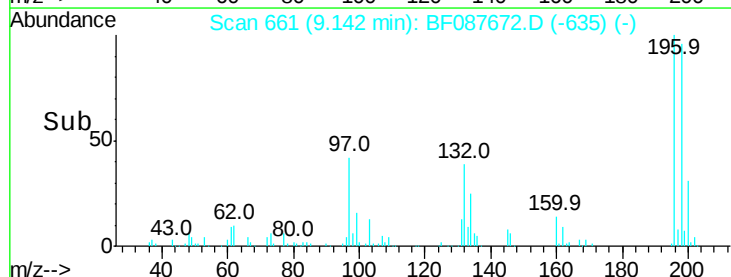
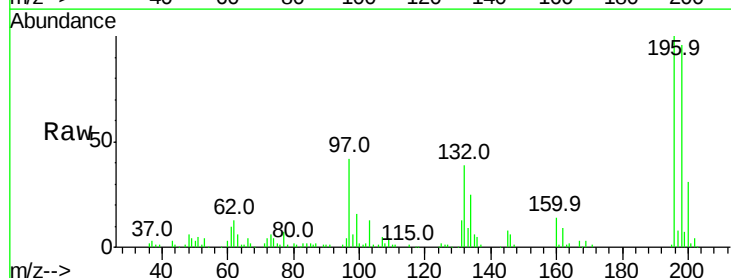
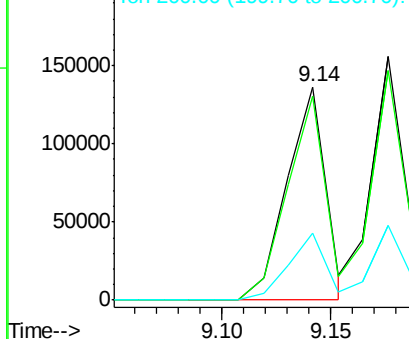
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

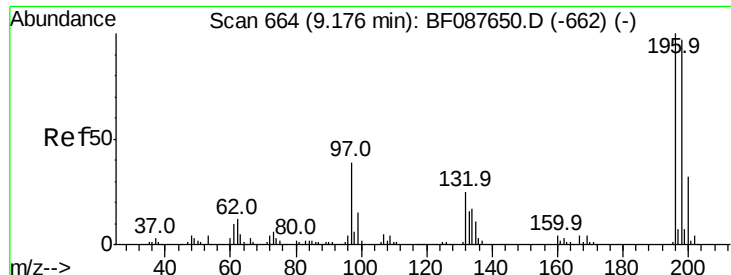


#42
 2,4,6-Trichlorophenol
 Concen: 35.61 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.00 min
 Lab File: BF087672.D
 Acq: 4 Jun 2016 18:15

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	95.9	78.0	117.0
200	31.2	25.4	38.2

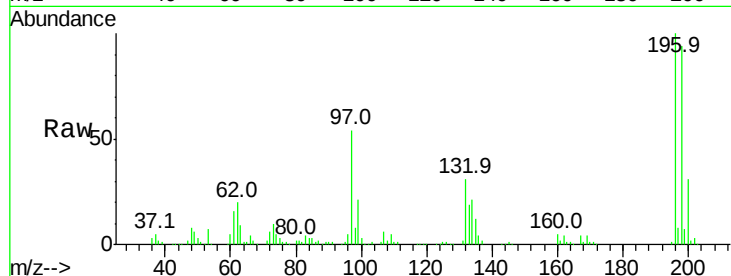
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 39.75 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF087672.D
 Acq: 4 Jun 2016 18:15

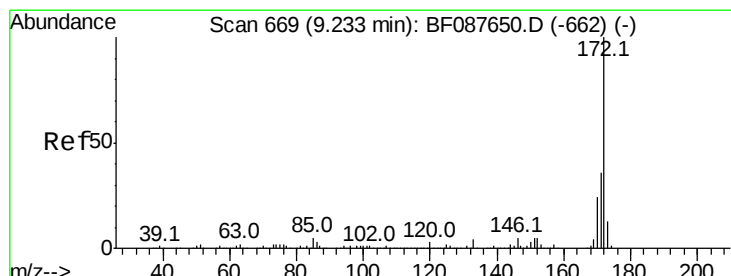
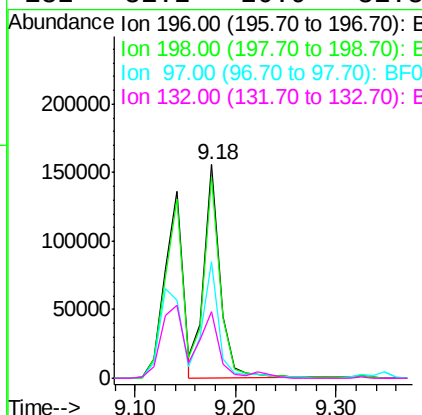
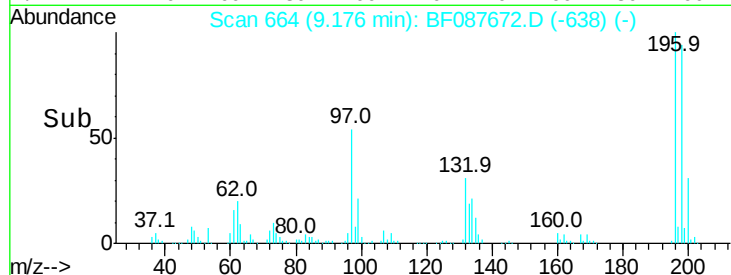
Instrument :
 BNA_F
 ClientSampleId :
 PB91062BS



Tot Ion	Ratio	Resp	Lower	Upper
196	100	175539		
198	94.2	77.5	116.3	
97	54.4	32.0	48.0	
132	31.2	20.9	31.3	

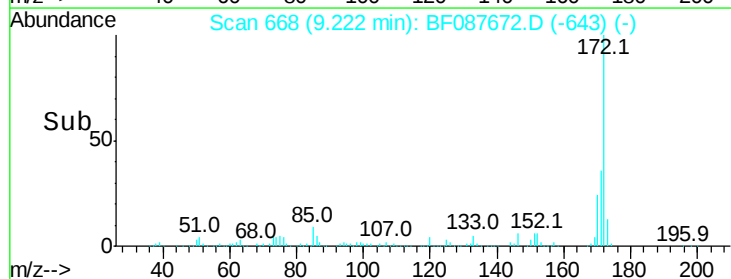
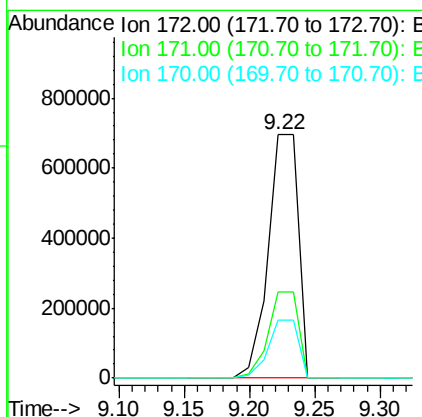
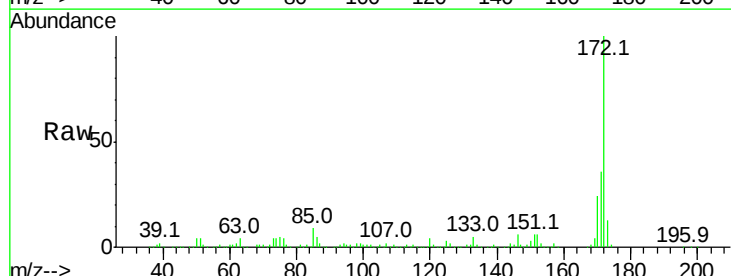
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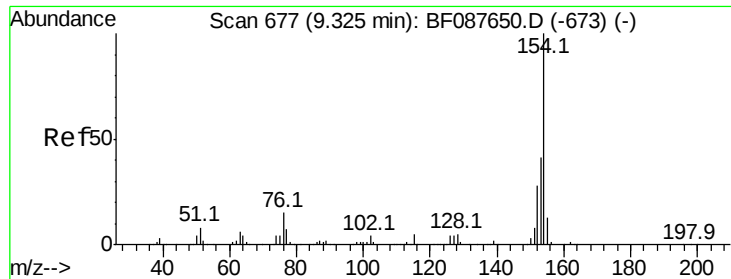
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#44
 2-Fluorobiphenyl
 Concen: 72.33 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087672.D
 Acq: 4 Jun 2016 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1126369		
171	35.5	28.6	43.0	
170	23.7	19.2	28.8	





#45

1,1'-Biphenyl

Concen: 34.87 ng

RT: 9.32 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Instrument :

BNA_F

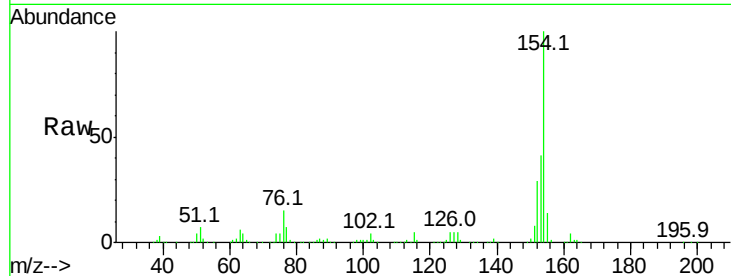
ClientSampleId :

PB91062BS

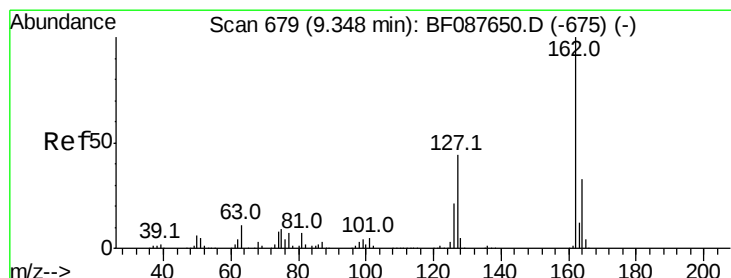
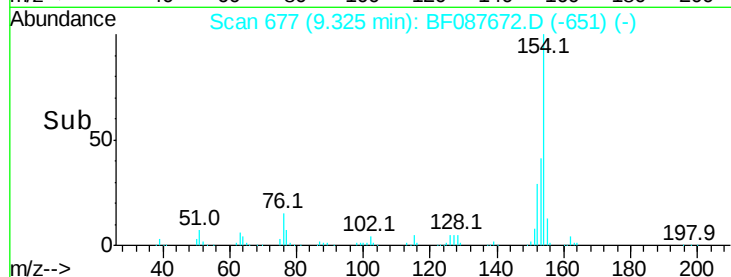
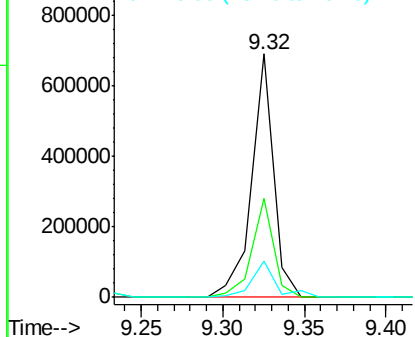
Tot Ion:	154	Resp:	645164
Ion Ratio	Lower	Upper	
154	100		
153	40.9	20.6	60.6
76	14.7	0.0	35.1

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 34.89 ng

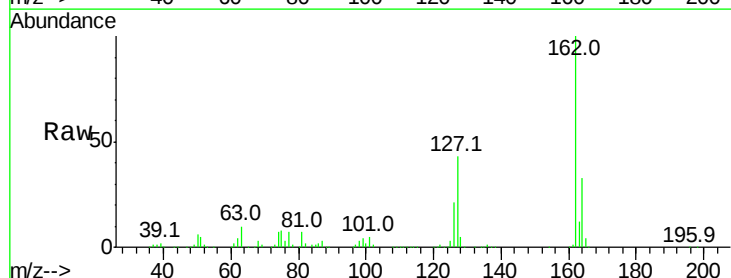
RT: 9.35 min Scan# 679

Delta R.T. -0.00 min

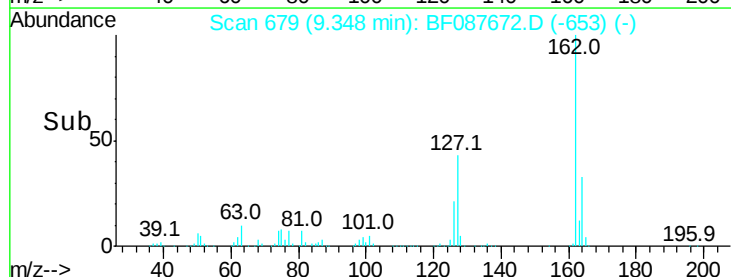
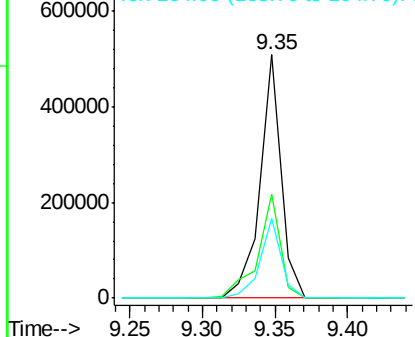
Lab File: BF087672.D

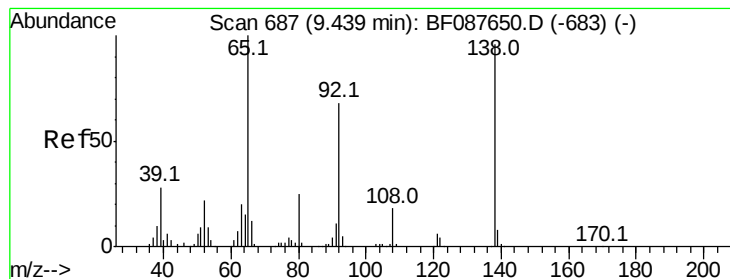
Acq: 4 Jun 2016 18:15

Tgt Ion:	162	Resp:	513969
Ion Ratio	Lower	Upper	
162	100		
127	42.9	35.2	52.8
164	32.8	26.6	39.8



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 35.76 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Instrument :

BNA_F

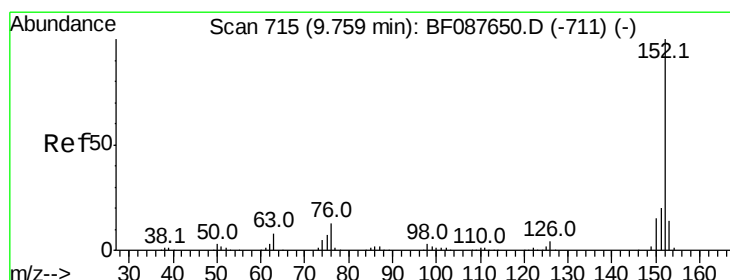
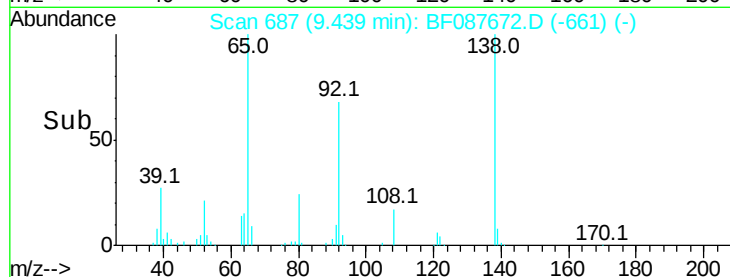
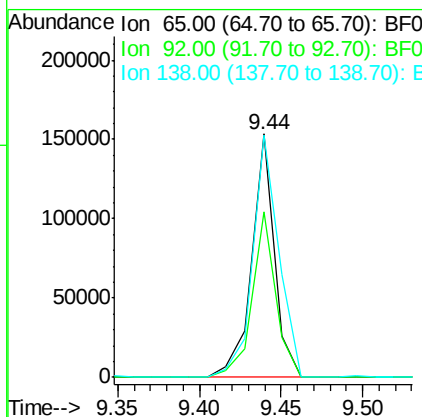
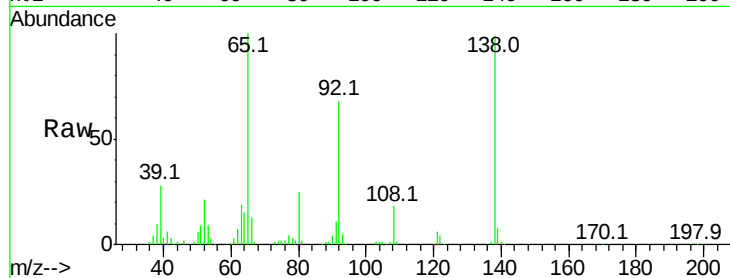
ClientSampleId :

PB91062BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.1	54.6	82.0
138	99.5	77.0	115.4

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#48

Acenaphthylene

Concen: 36.33 ng

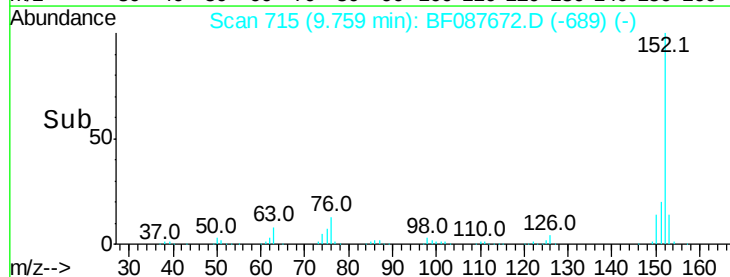
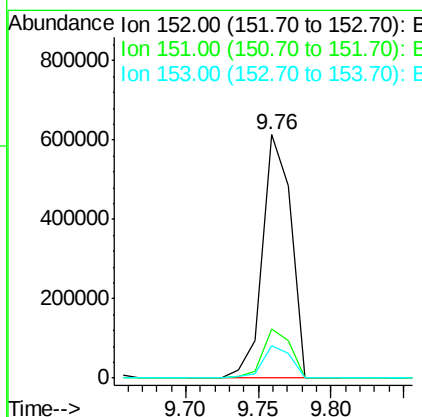
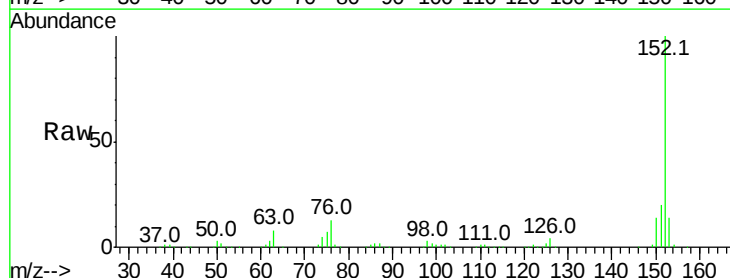
RT: 9.76 min Scan# 715

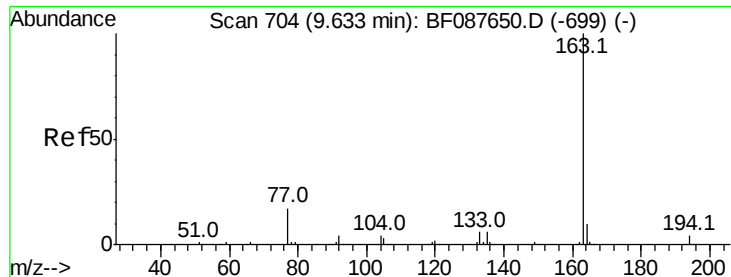
Delta R.T. 0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	13.5	11.0	16.6





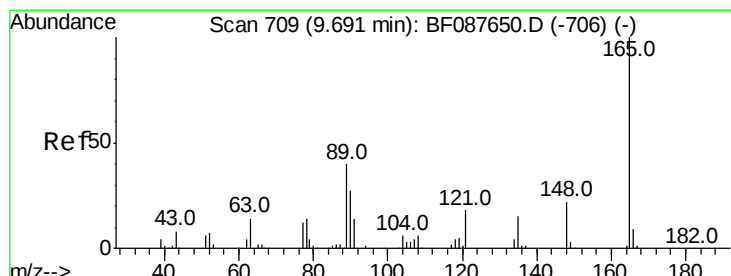
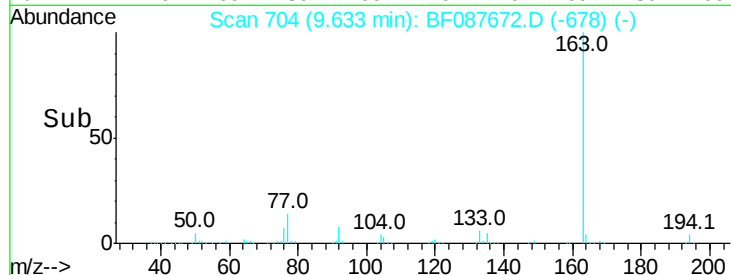
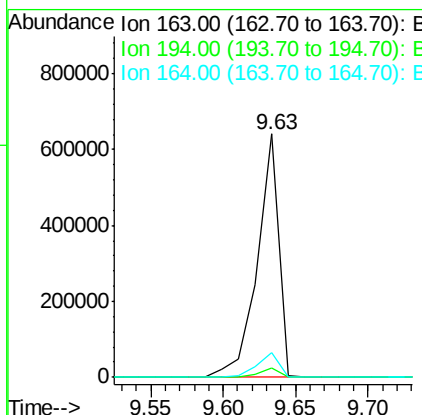
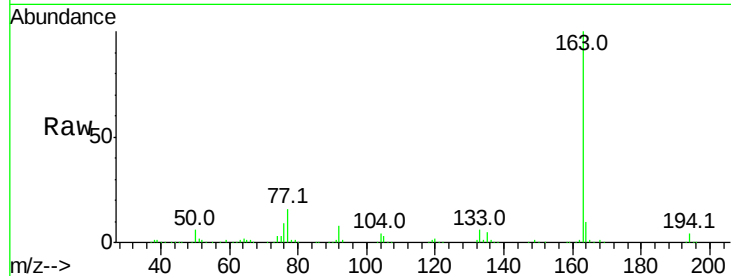
#49
Dimethylphthalate
Concen: 39.82 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

Instrument :
BNA_F
ClientSampleId :
PB91062BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	659972		
194	3.6		2.8	4.2
164	10.0		8.3	12.5

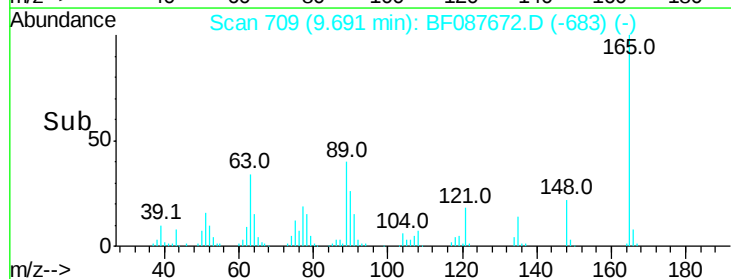
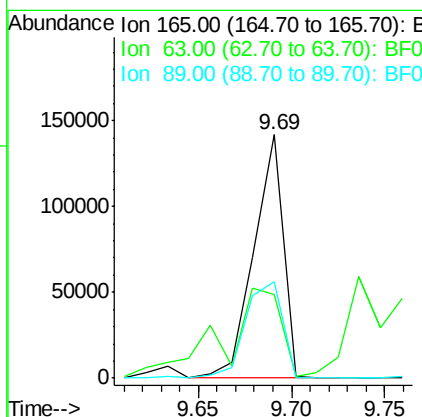
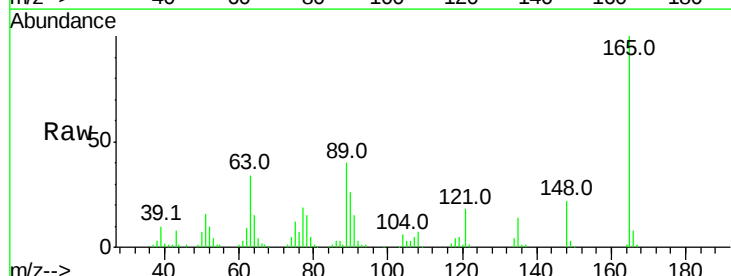
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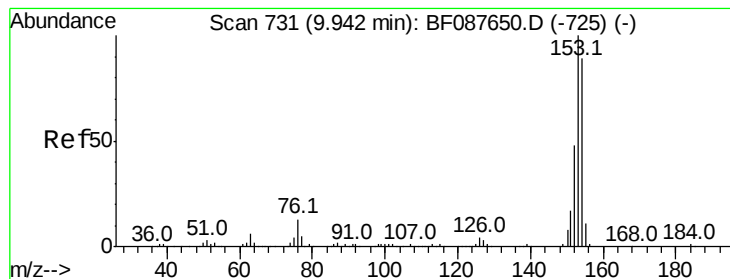
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#50
2,6-Dinitrotoluene
Concen: 40.79 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	153843		
63	34.1		28.1	42.1
89	39.6		32.2	48.2





#51

Acenaphthene

Concen: 38.30 ng

RT: 9.93 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Instrument :

BNA_F

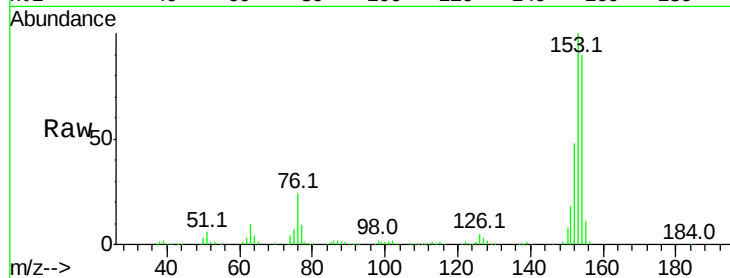
ClientSampleId :

PB91062BS

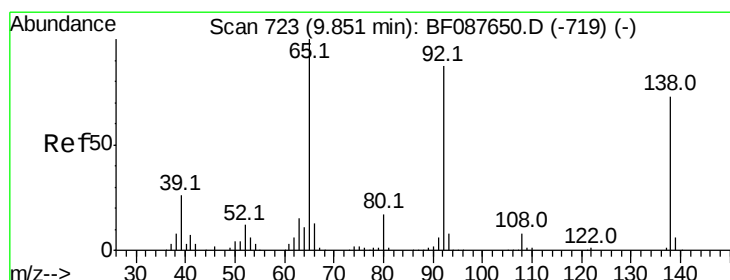
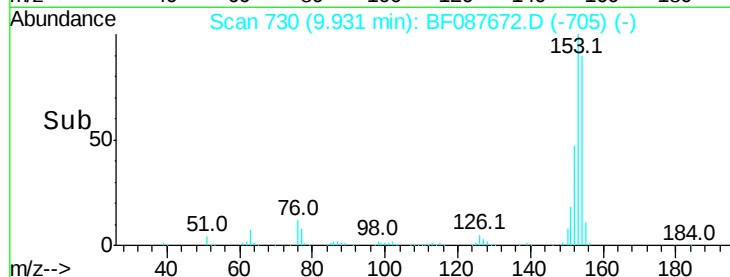
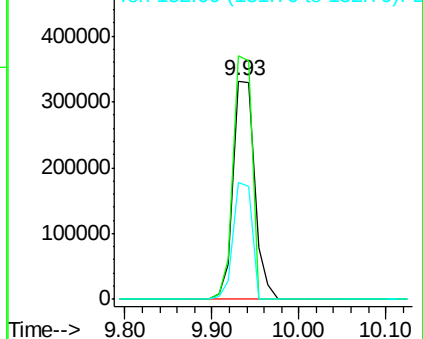
Tot Ion:	154	Resp:	566076
Ion Ratio	Lower	Upper	
154	100		
153	111.6	89.5	134.3
152	53.3	42.7	64.1

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



#52

3-Nitroaniline

Concen: 22.31 ng

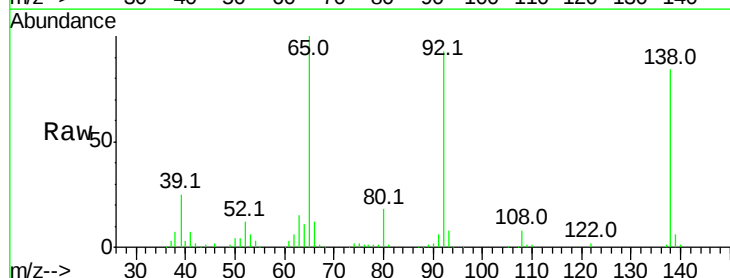
RT: 9.85 min Scan# 723

Delta R.T. -0.00 min

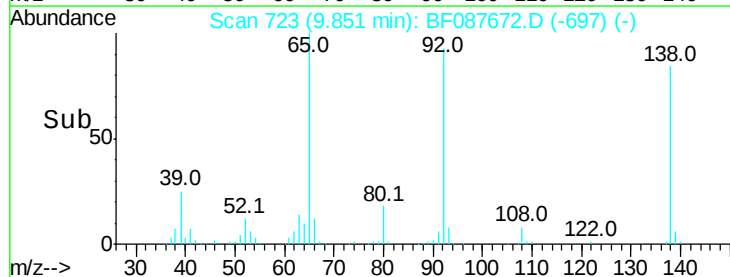
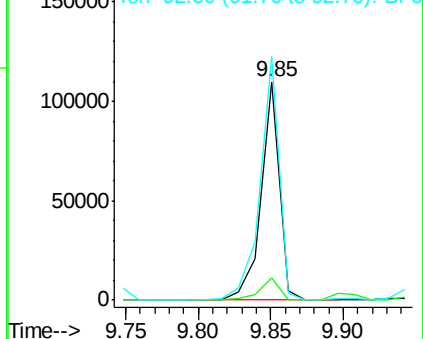
Lab File: BF087672.D

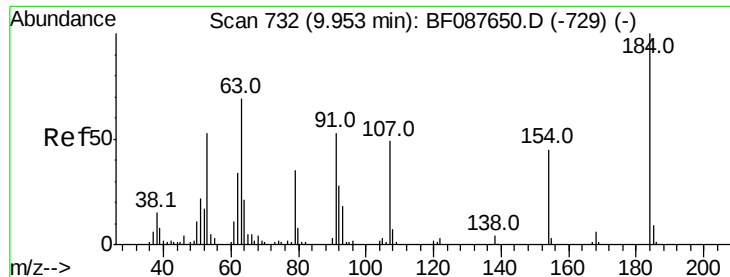
Acq: 4 Jun 2016 18:15

Tgt Ion:	138	Resp:	96225
Ion Ratio	Lower	Upper	
138	100		
108	9.9	8.5	12.7
92	111.7	95.7	143.5



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





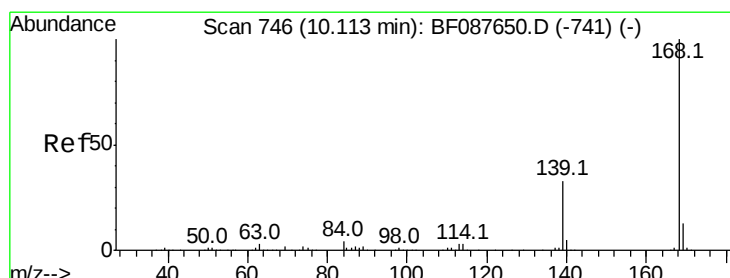
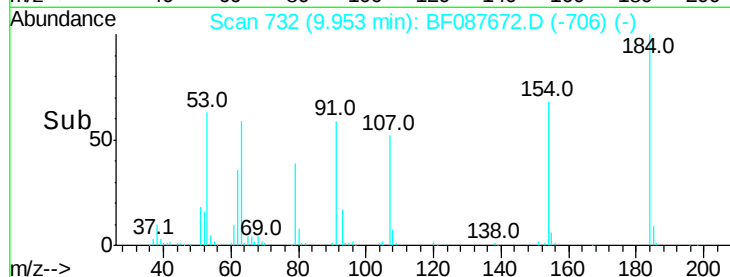
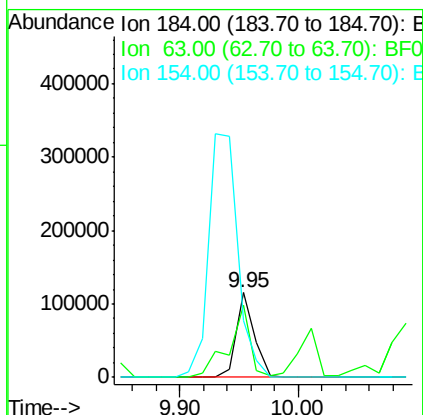
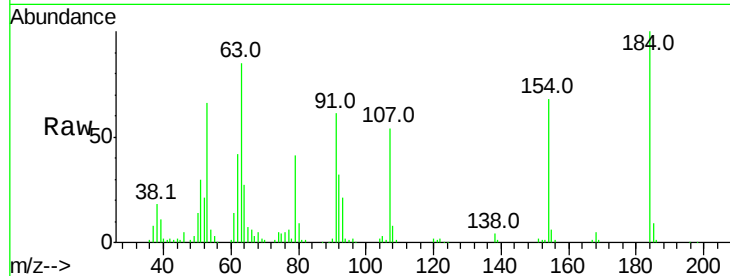
#53
2,4-Dinitrophenol
Concen: 72.88 ng
RT: 9.95 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

Instrument :
BNA_F
ClientSampled :
PB91062BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	124111		
63	85.5	57.6	86.4	
154	67.6	53.5	80.3	

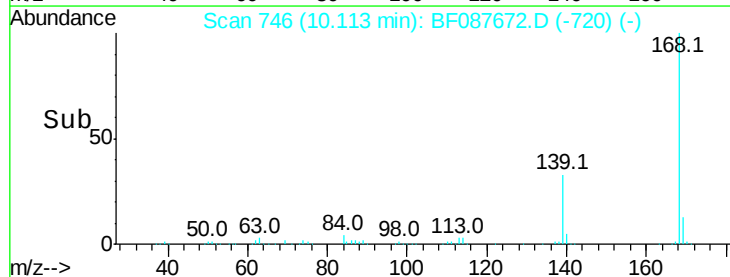
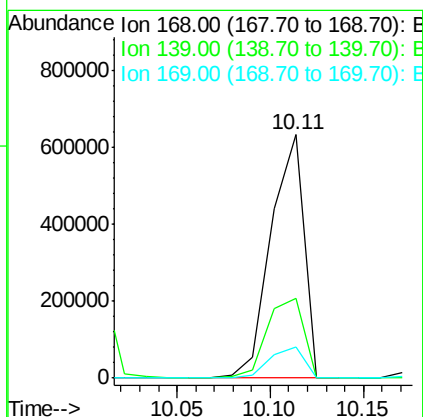
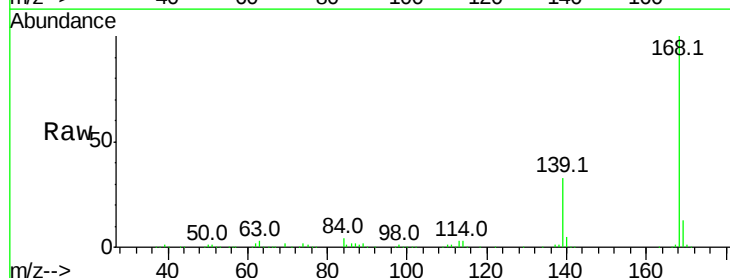
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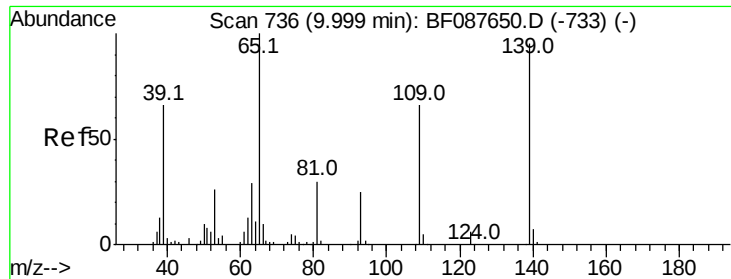
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#54
Dibenzofuran
Concen: 38.84 ng
RT: 10.11 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	781449		
139	33.0	26.4	39.6	
169	13.0	10.4	15.6	





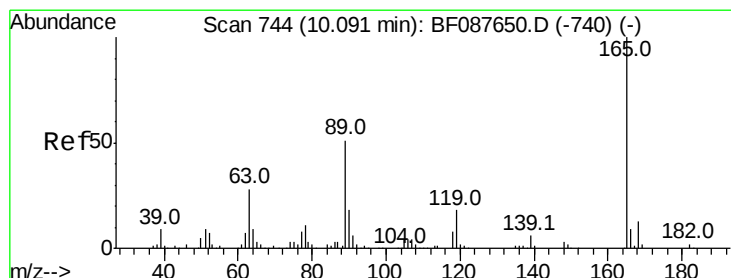
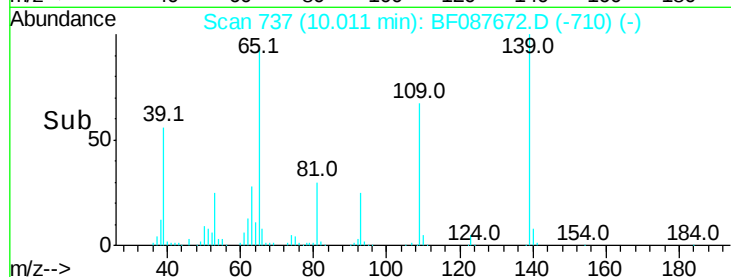
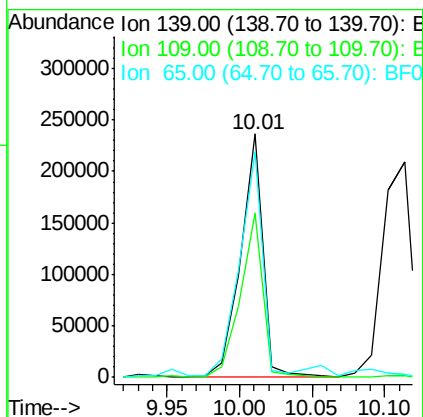
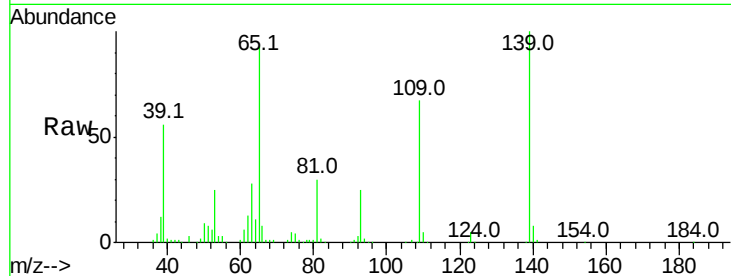
#55
4-Nitrophenol
Concen: 68.90 ng
RT: 10.01 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

Instrument :
BNA_F
ClientSampleId :
PB91062BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	254026		
109	67.3	48.9	88.9	
65	92.7	84.9	124.9	

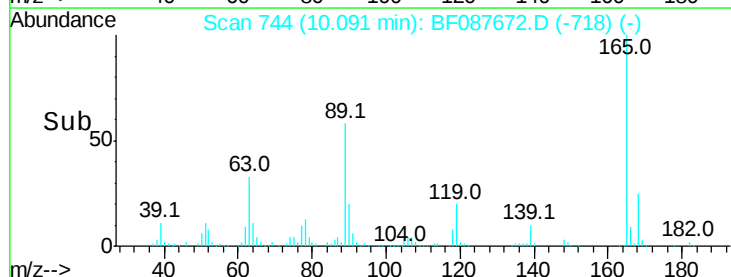
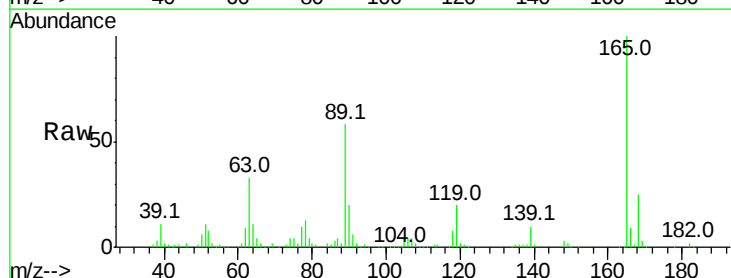
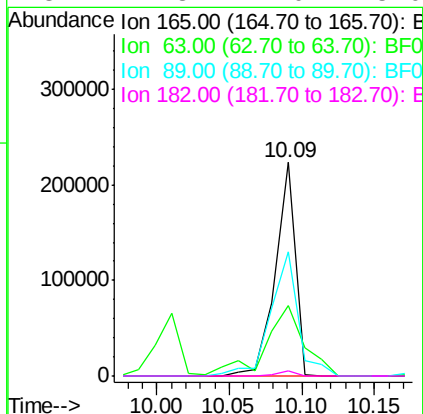
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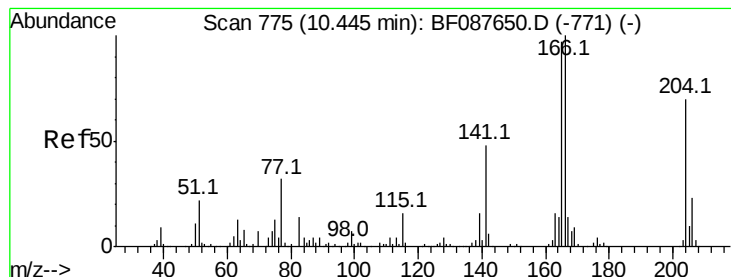
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#56
2,4-Dinitrotoluene
Concen: 44.64 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	214360		
63	33.2	22.0	33.0#	
89	58.3	41.1	61.7	
182	2.3	2.0	3.0	





#57

Fluorene

Concen: 34.04 ng

RT: 10.44 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Instrument :

BNA_F

ClientSampled :

PB91062BS

Tot Ion:166 Resp: 535430

Ion Ratio Lower Upper

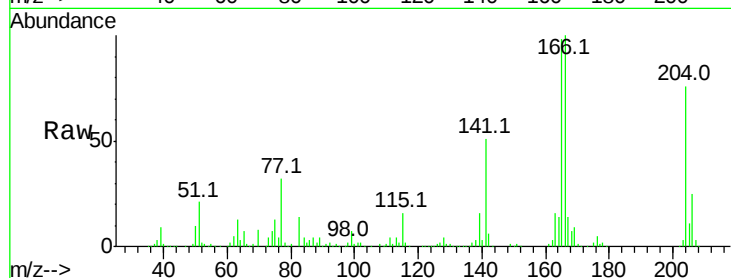
166 100

165 98.4 77.8 116.8

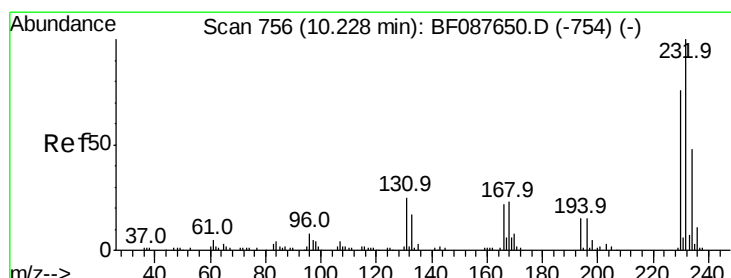
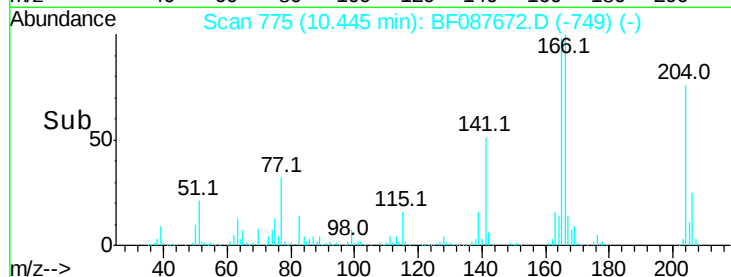
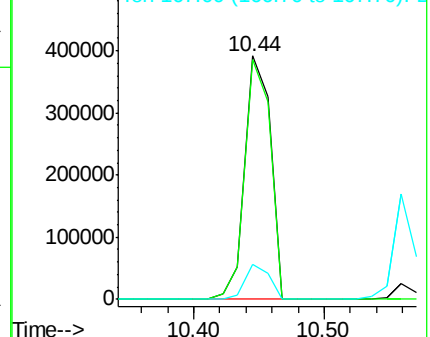
167 14.2 11.2 16.8

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



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.38 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Tgt Ion:232 Resp: 146014

Ion Ratio Lower Upper

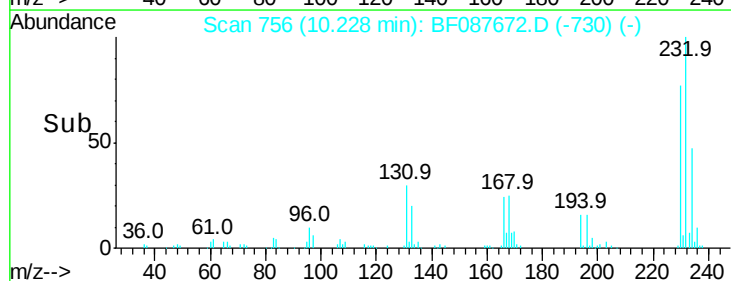
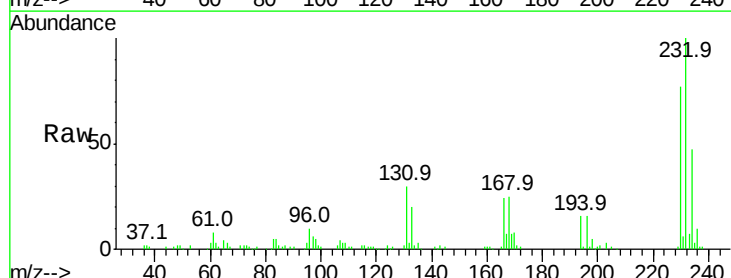
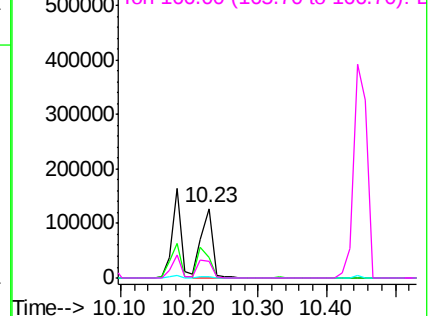
232 100

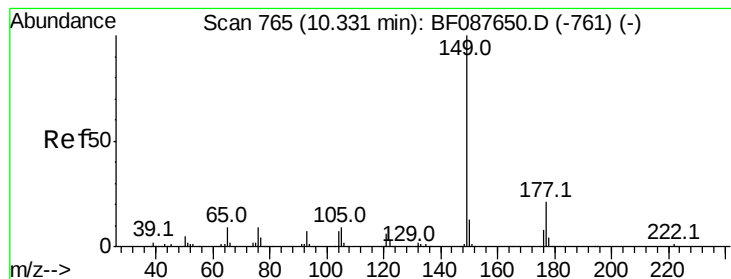
131 47.4 0.9 1.3#

130 2.4 1.5 2.3#

166 31.5 0.5 0.7#

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





#59

Diethylphthalate

Concen: 36.16 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Instrument :

BNA_F

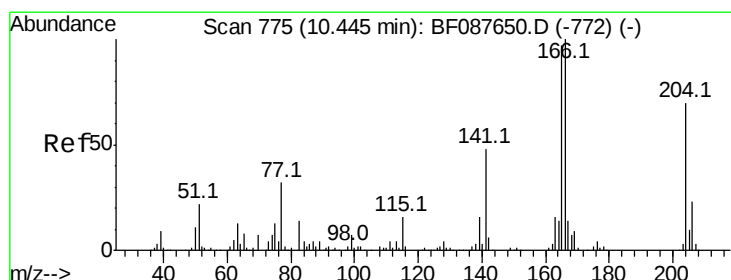
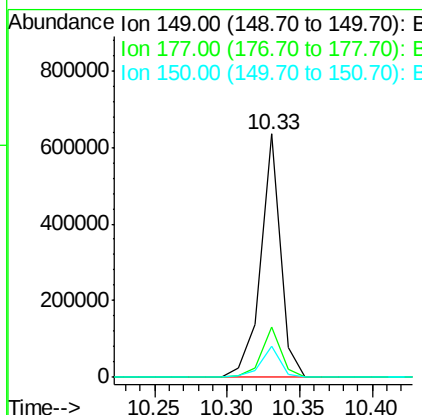
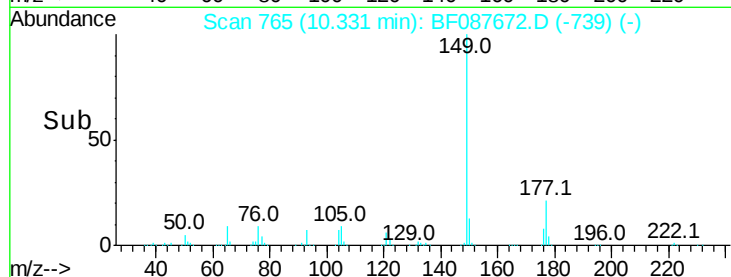
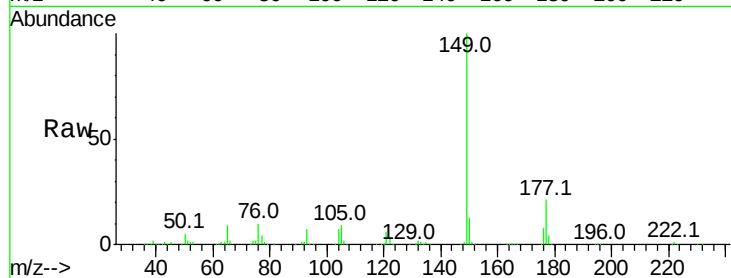
ClientSampleId :

PB91062BS

Tot Ion:	149	Resp:	601961
Ion Ratio	Lower	Upper	
149	100		
177	20.8	16.9	25.3
150	12.7	10.1	15.1

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#60

4-Chlorophenyl-phenylether

Concen: 38.23 ng

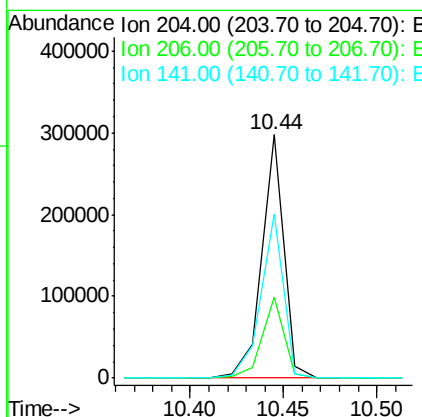
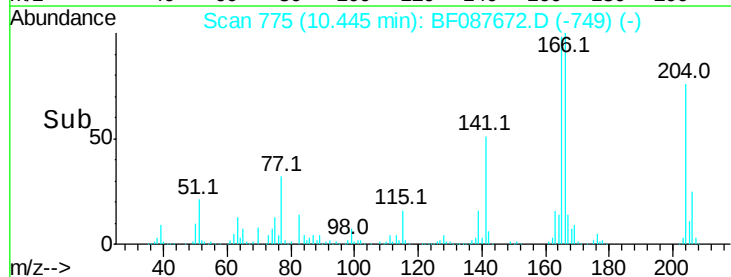
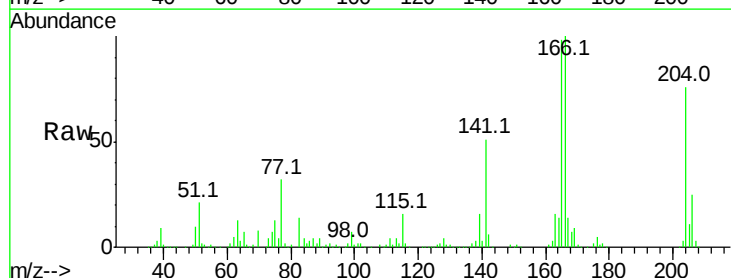
RT: 10.44 min Scan# 775

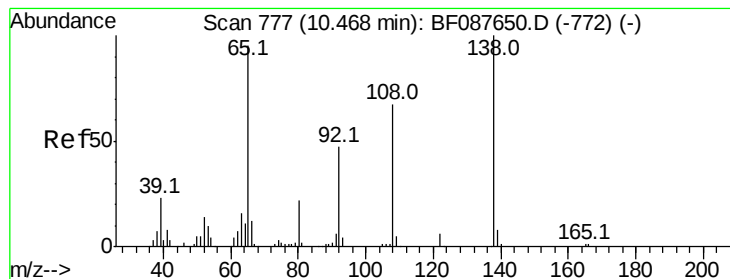
Delta R.T. 0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Tgt Ion:	204	Resp:	245896
Ion Ratio	Lower	Upper	
204	100		
206	33.1	26.3	39.5
141	67.4	55.0	82.6





#61

4-Nitroaniline

Concen: 37.53 ng

RT: 10.47 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Instrument :

BNA_F

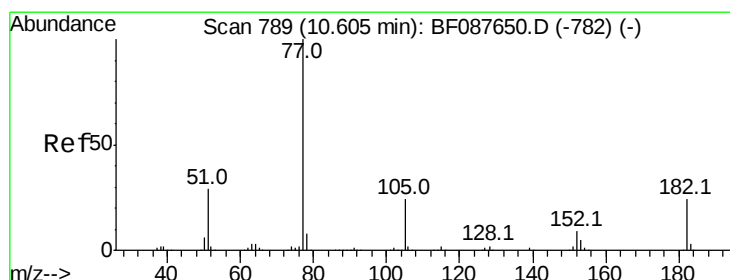
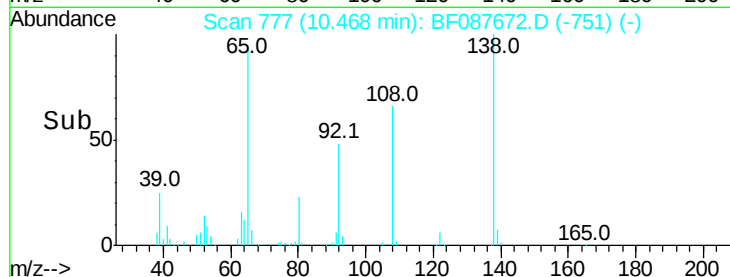
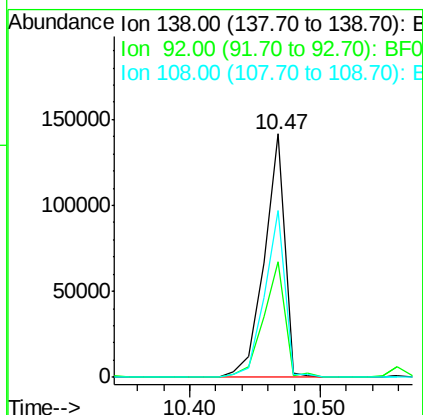
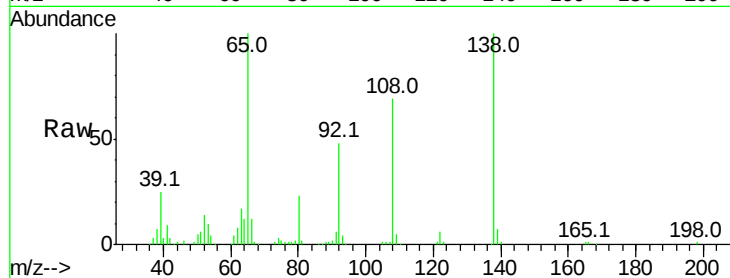
ClientSampleId :

PB91062BS

Tot Ion:	138	Resp:	155626
Ion Ratio	Lower	Upper	
138	100		
92	47.7	27.3	67.3
108	68.6	46.7	86.7

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#62

Azobenzene

Concen: 39.20 ng

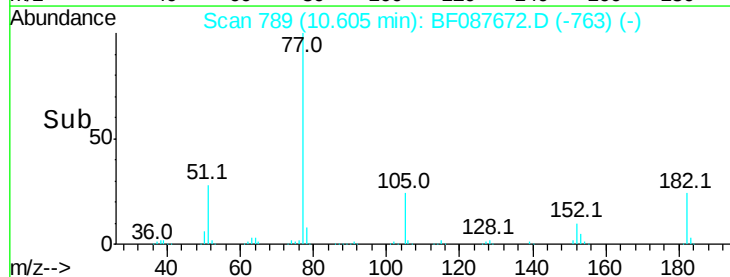
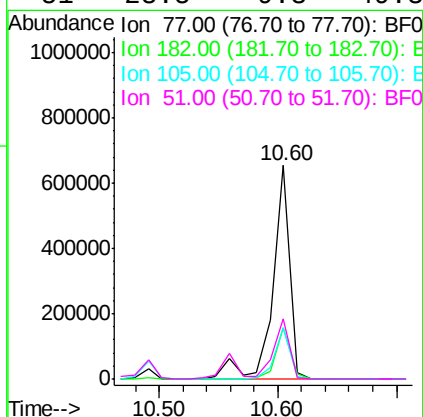
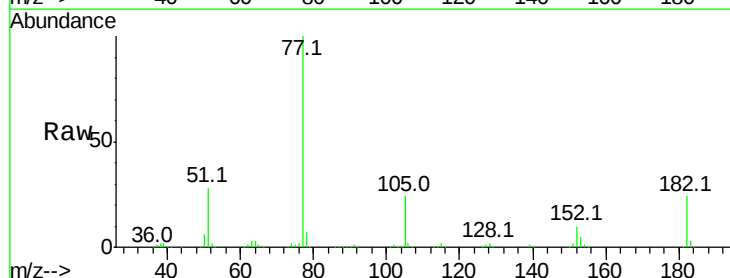
RT: 10.60 min Scan# 789

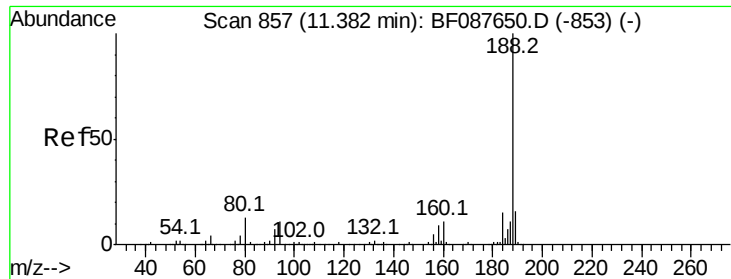
Delta R.T. -0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Tgt Ion:	77	Resp:	656872
Ion Ratio	Lower	Upper	
77	100		
182	24.3	4.4	44.4
105	24.0	3.8	43.8
51	28.5	9.3	49.3





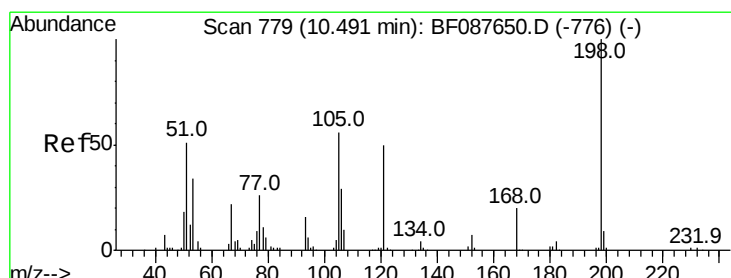
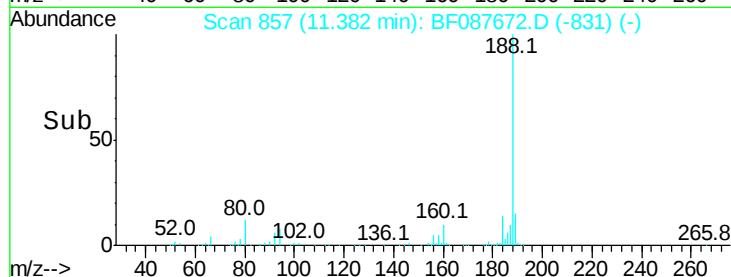
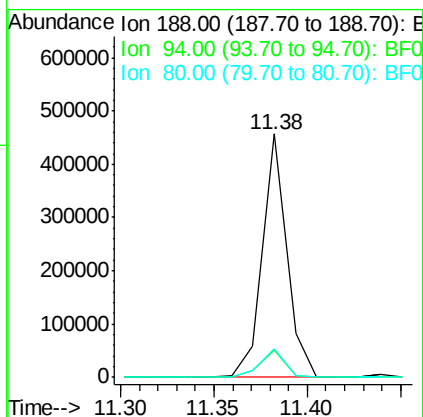
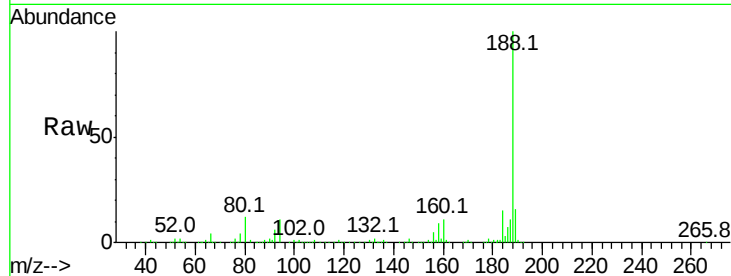
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

Instrument :
BNA_F
ClientSampleId :
PB91062BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	412712		
94	11.1	9.0	13.6	
80	11.9	10.0	15.0	

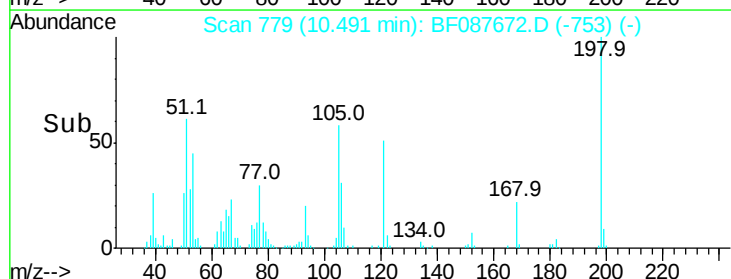
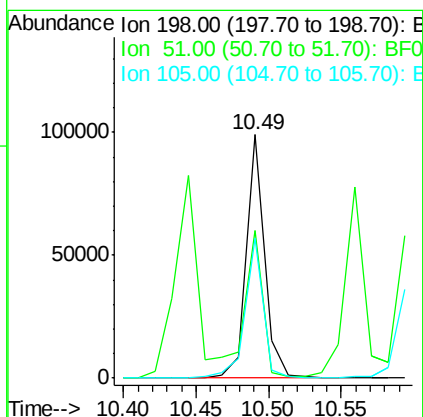
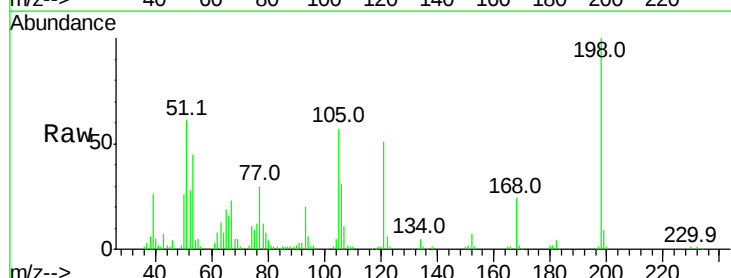
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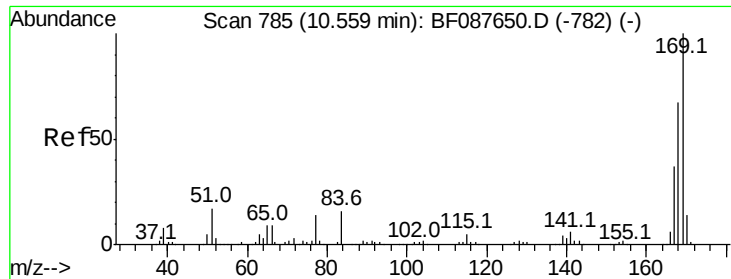
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#64
4,6-Dinitro-2-methylphenol
Concen: 38.05 ng
RT: 10.49 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	86289		
51	60.5	39.6	79.6	
105	57.3	36.6	76.6	





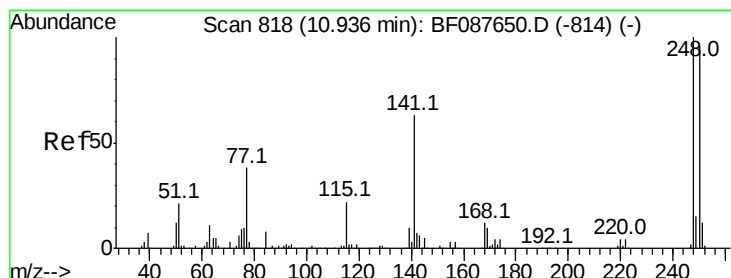
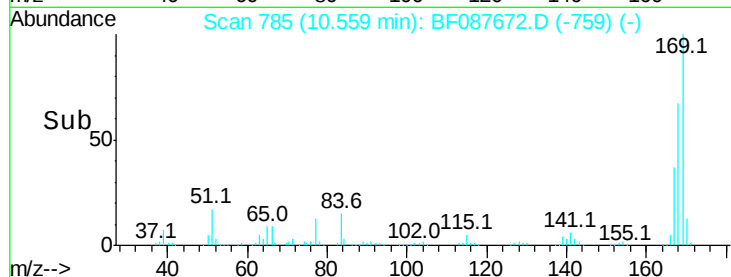
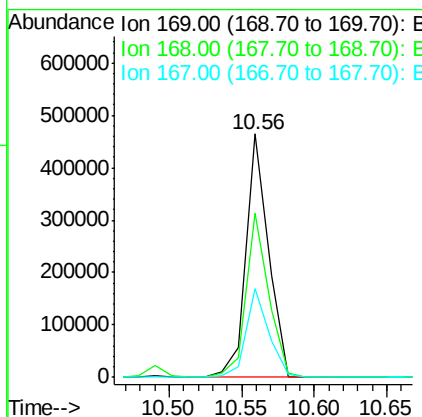
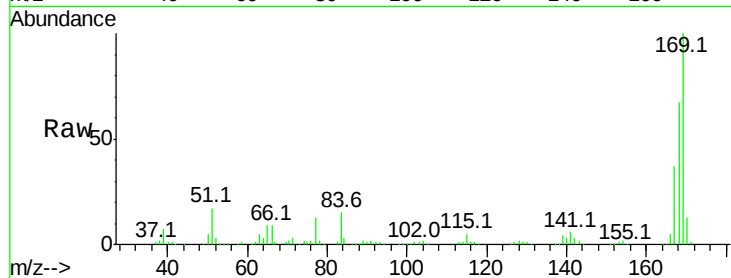
#65
 n-Nitrosodiphenylamine
 Concen: 36.88 ng
 RT: 10.56 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF087672.D
 Acq: 4 Jun 2016 18:15

Instrument :
 BNA_F
 ClientSampleId :
 PB91062BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	67.4	53.4	80.0	
167	36.5	29.4	44.0	

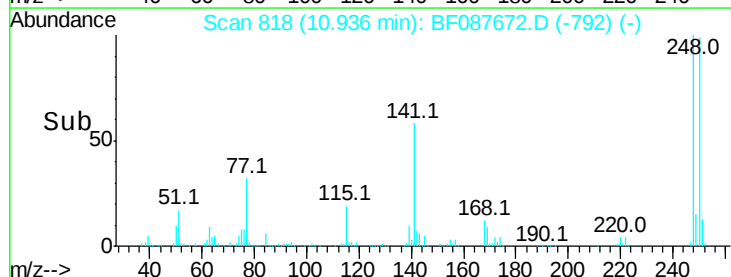
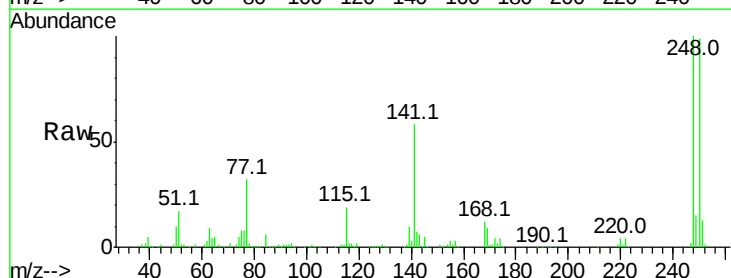
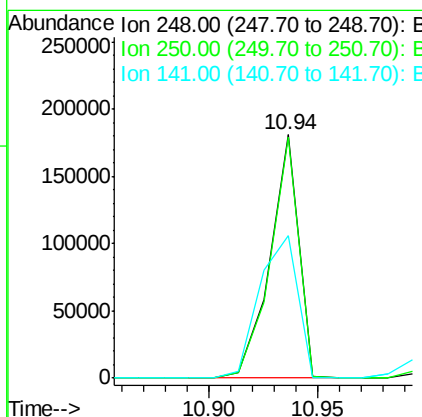
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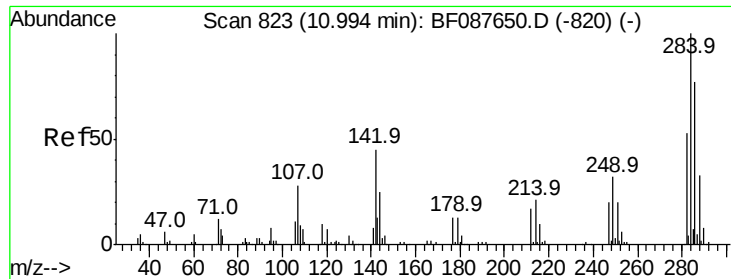
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#66
 4-Bromophenyl-phenylether
 Concen: 41.06 ng
 RT: 10.94 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF087672.D
 Acq: 4 Jun 2016 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	99.2	77.1	115.7	
141	58.3	50.6	76.0	





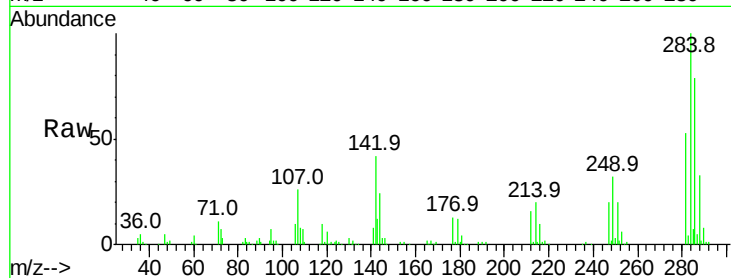
#67
Hexachlorobenzene
Concen: 36.50 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

Instrument :
BNA_F
ClientSampleId :
PB91062BS

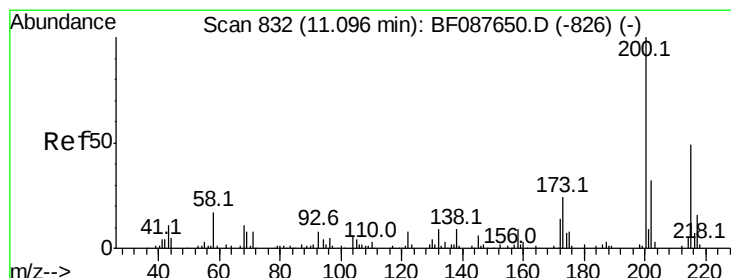
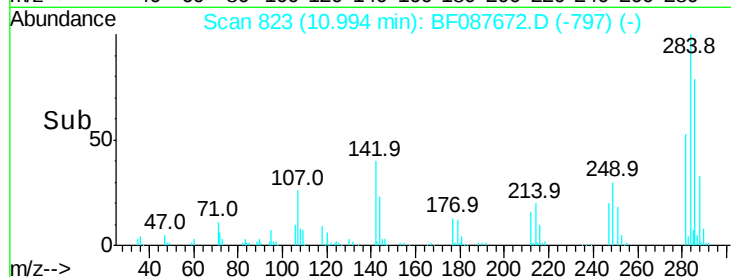
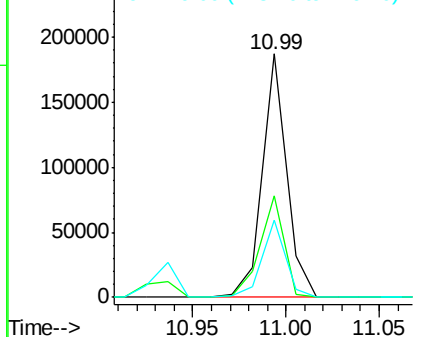
Tot Ion	Ratio	Resp	Lower	Upper
284	100	167039		
142	41.9	35.8	53.8	
249	31.5	25.8	38.6	

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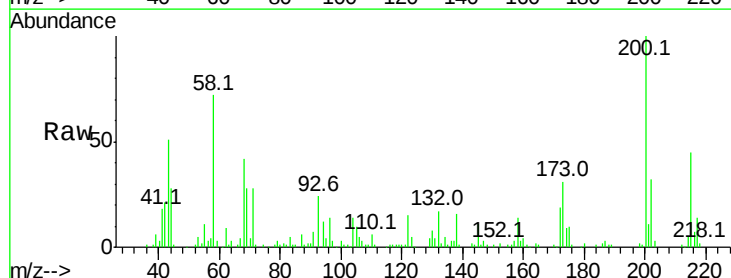


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

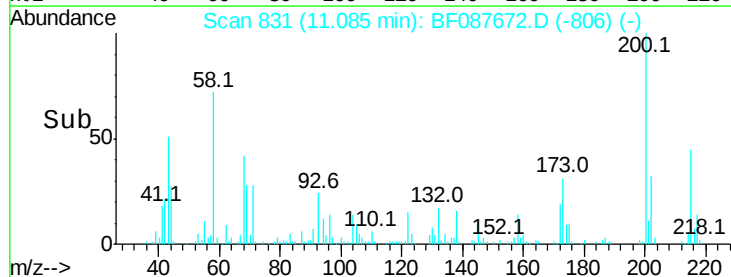
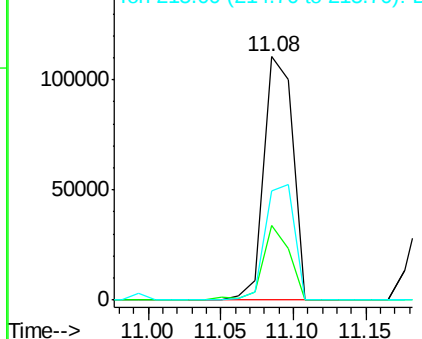


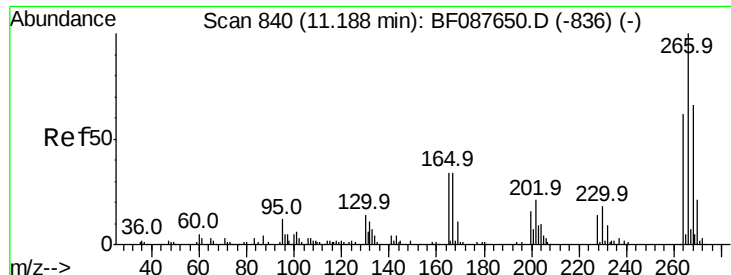
#68
Atrazine
Concen: 38.03 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	152262		
173	30.9	4.0	44.0	
215	44.7	29.3	69.3	



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





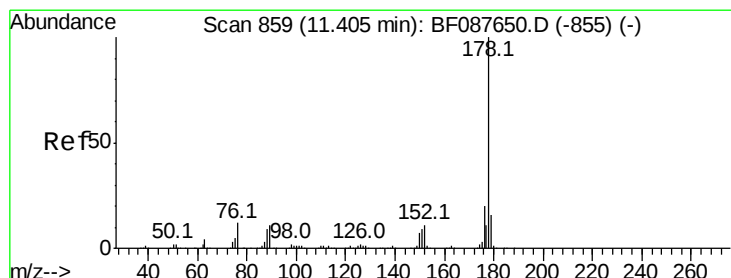
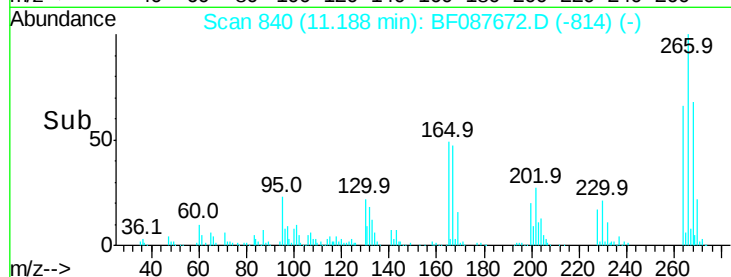
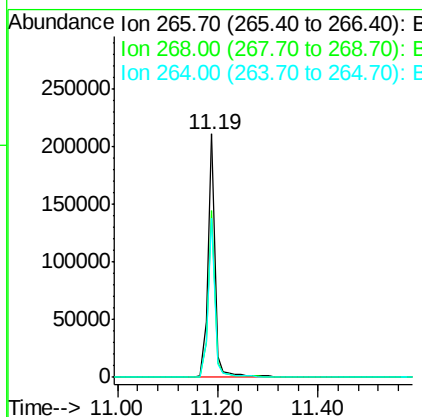
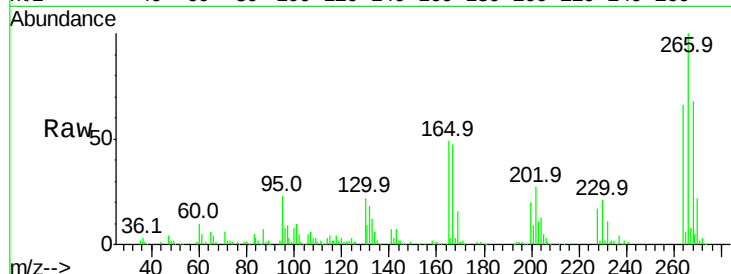
#69
 Pentachlorophenol
 Concen: 76.73 ng
 RT: 11.19 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF087672.D
 Acq: 4 Jun 2016 18:15

Instrument :
 BNA_F
 ClientSampleId :
 PB91062BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	208634		
268	68.5	52.8	79.2	
264	65.5	49.6	74.4	

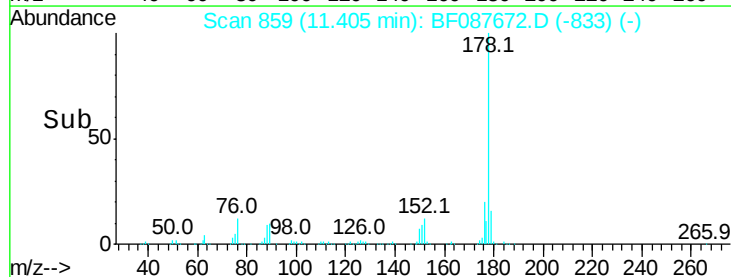
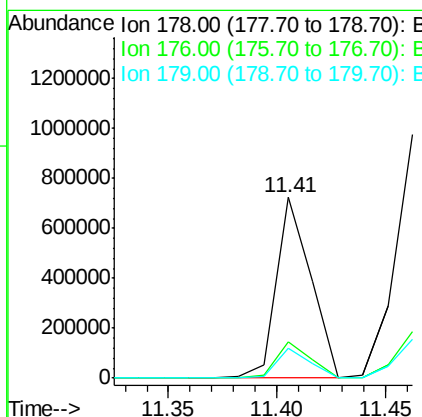
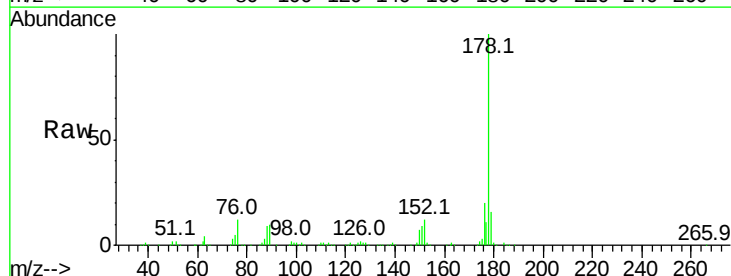
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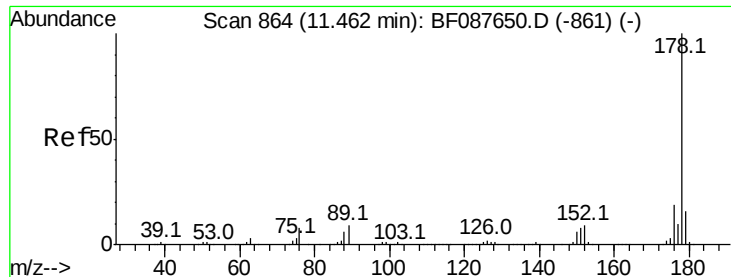
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#70
 Phenanthrene
 Concen: 36.01 ng
 RT: 11.41 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BF087672.D
 Acq: 4 Jun 2016 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	805827		
176	19.8	15.8	23.6	
179	16.2	13.0	19.4	





#71

Anthracene

Concen: 39.64 ng

RT: 11.46 min Scan# 864

Delta R.T. -0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Instrument :

BNA_F

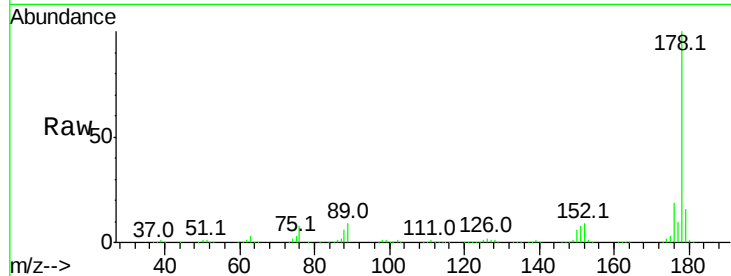
ClientSampleId :

PB91062BS

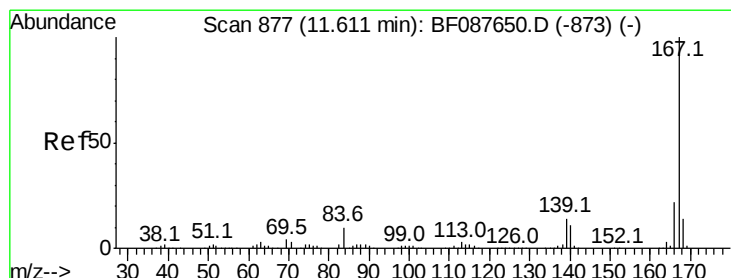
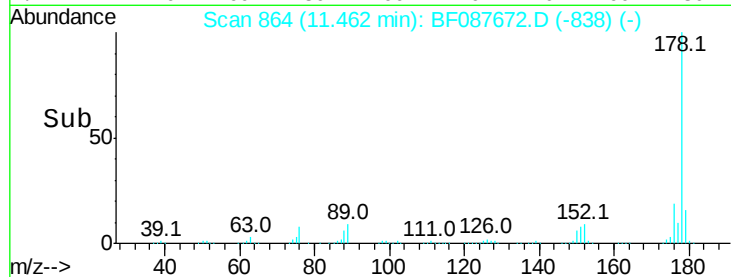
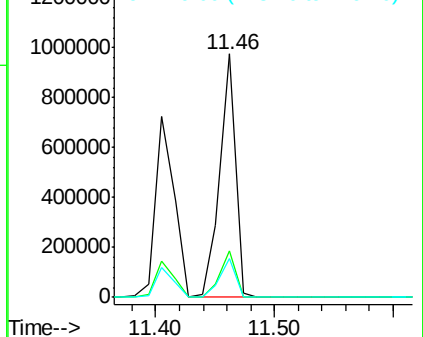
Tot Ion:	178	Resp:	888900
Ion Ratio	Lower	Upper	
178	100		
176	19.3	15.6	23.4
179	15.9	12.8	19.2

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



#72

Carbazole

Concen: 36.09 ng

RT: 11.61 min Scan# 877

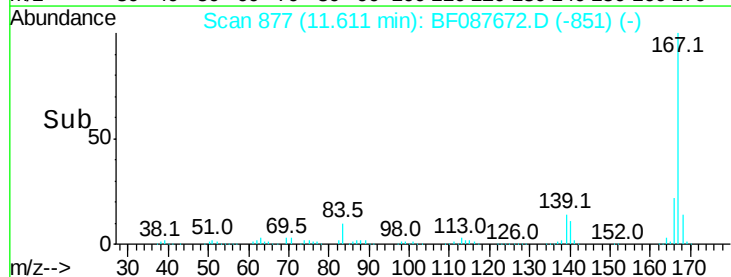
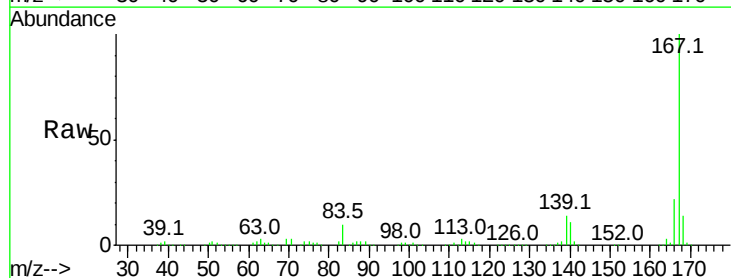
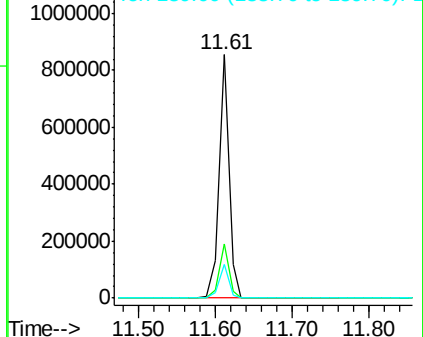
Delta R.T. -0.00 min

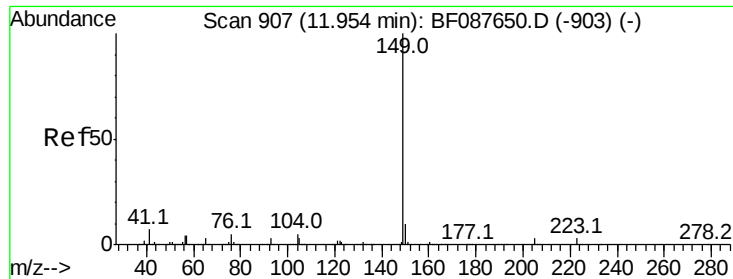
Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Tgt Ion:	167	Resp:	766106
Ion Ratio	Lower	Upper	
167	100		
166	22.4	17.8	26.6
139	14.1	11.2	16.8

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





#73

Di-n-butylphthalate

Concen: 41.14 ng

RT: 11.95 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Instrument :

BNA_F

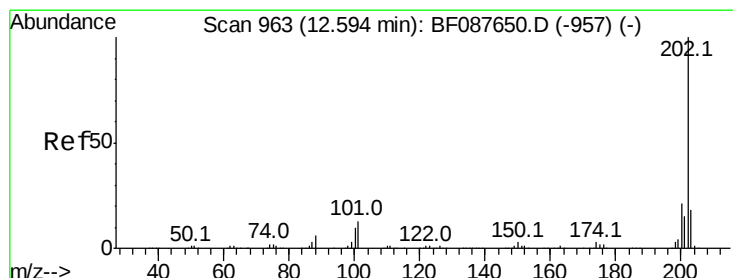
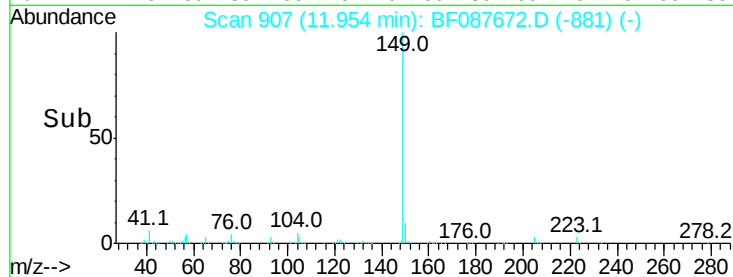
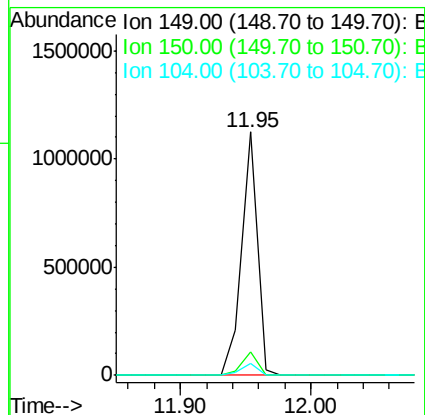
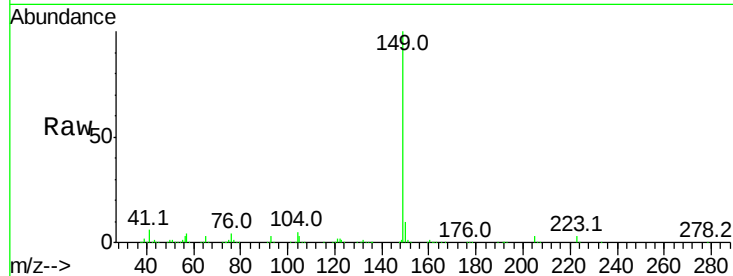
ClientSampleId :

PB91062BS

Tot Ion:	149	Resp:	936157
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.8	11.6
104	4.8	4.0	6.0

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#74

Fluoranthene

Concen: 39.31 ng

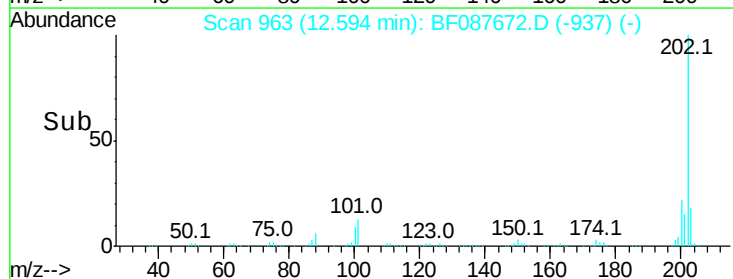
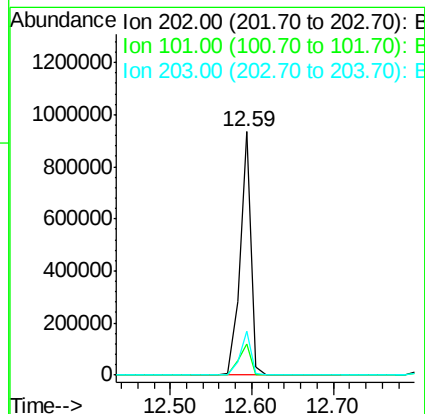
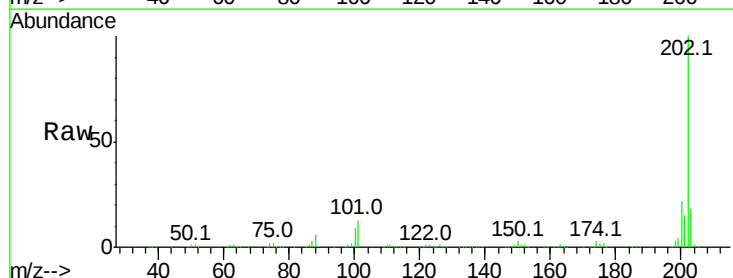
RT: 12.59 min Scan# 963

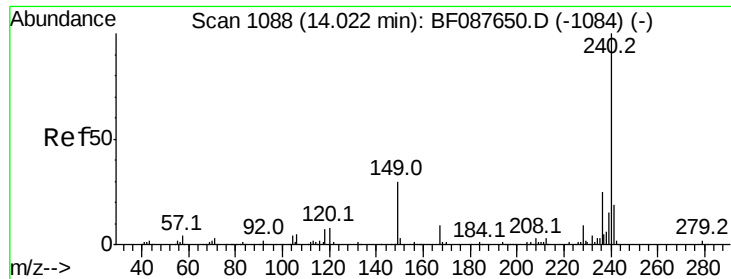
Delta R.T. -0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Tgt Ion:	202	Resp:	865512
Ion Ratio	Lower	Upper	
202	100		
101	12.7	0.0	33.1
203	18.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Instrument :

BNA_F

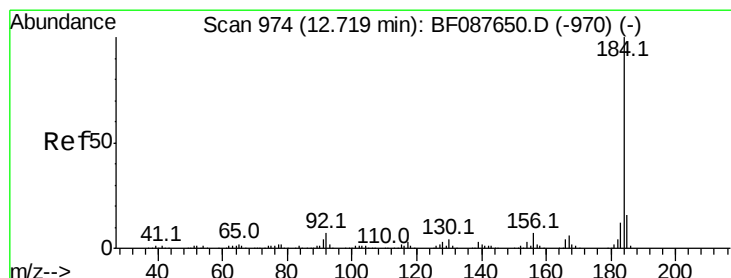
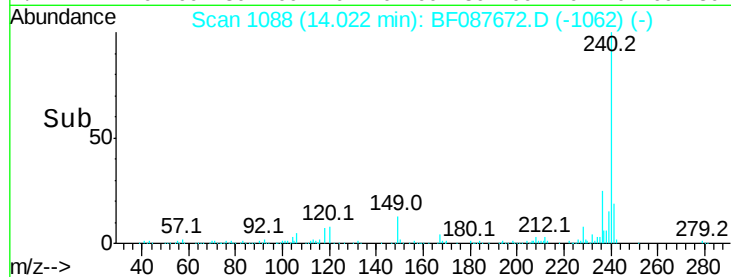
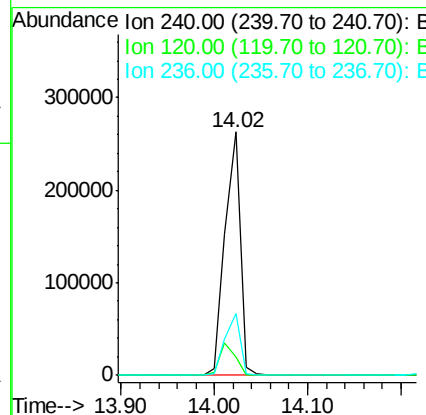
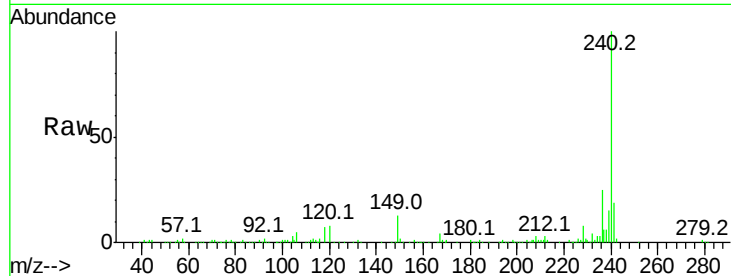
ClientSampleId :

PB91062BS

Tot Ion:	240	Resp:	299637
Ion Ratio	Lower	Upper	
240	100		
120	7.5	6.8	10.2
236	25.3	20.2	30.2

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#76

Benzidine

Concen: 21.57 ng

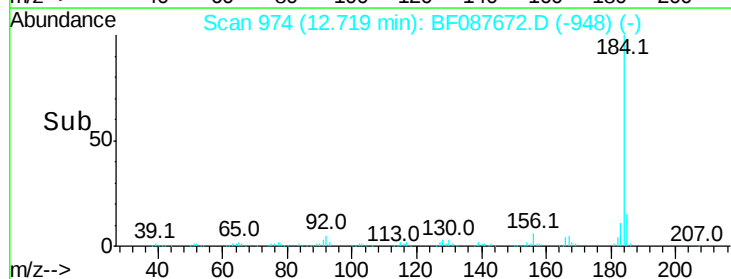
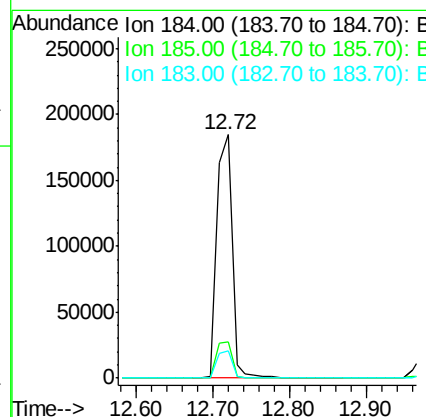
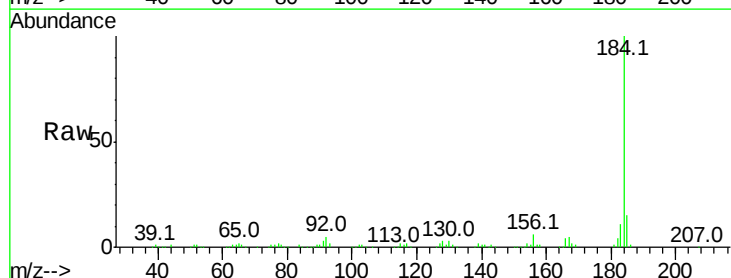
RT: 12.72 min Scan# 974

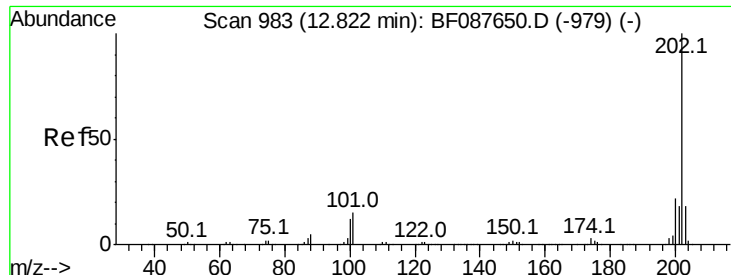
Delta R.T. 0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Tgt Ion:	184	Resp:	254858
Ion Ratio	Lower	Upper	
184	100		
185	14.9	12.5	18.7
183	11.0	9.3	13.9





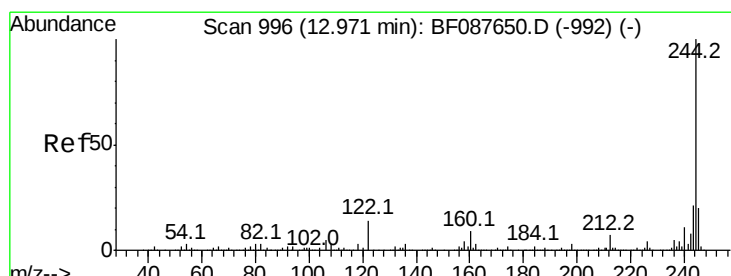
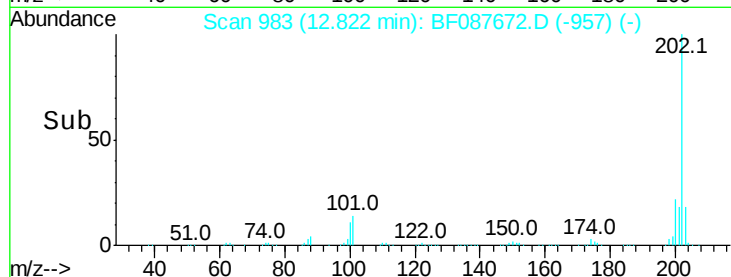
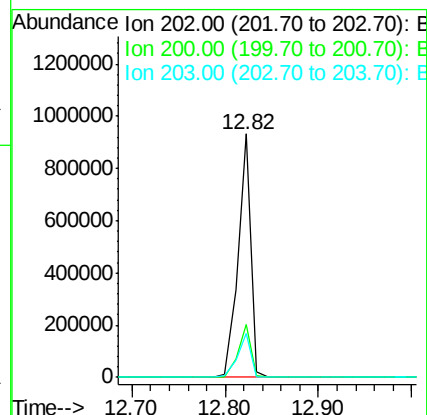
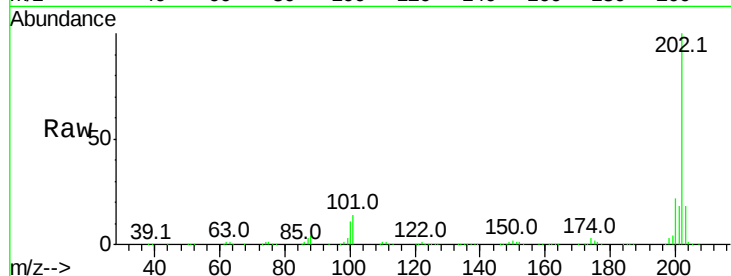
#77
Pvrene
Concen: 42.11 ng
RT: 12.82 min Scan# 983
Delta R.T. -0.00 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

Instrument :
BNA_F
ClientSampleId :
PB91062BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.8	14.5	21.7

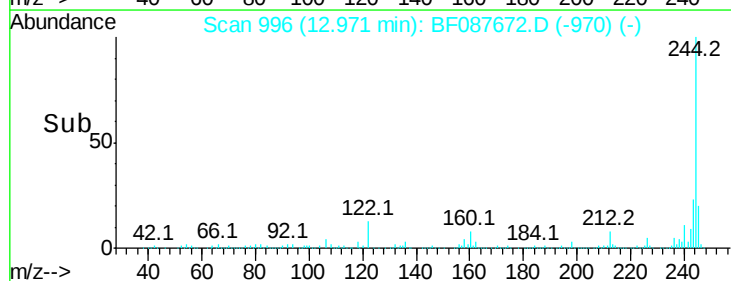
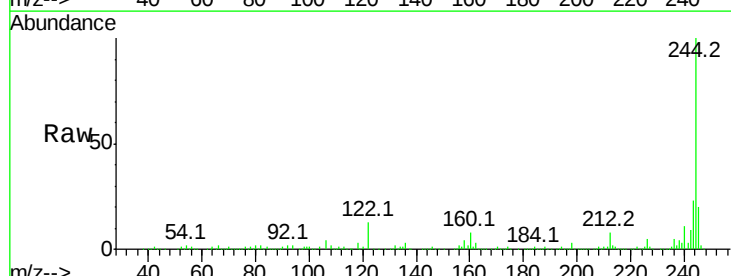
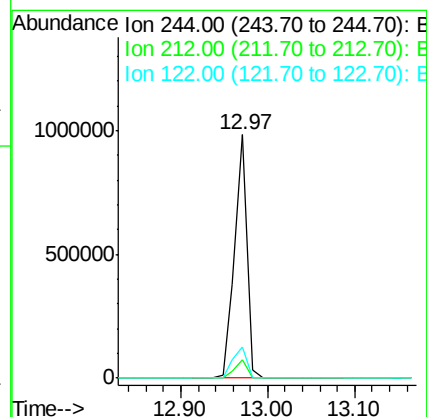
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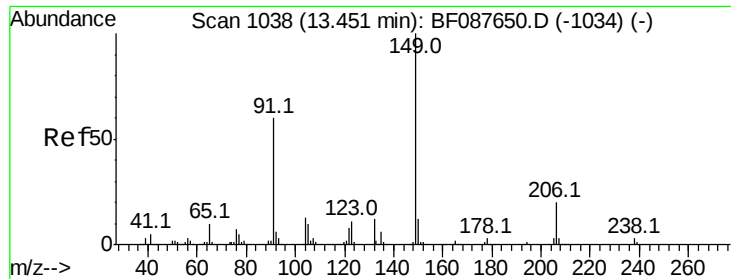
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#78
Terphenyl-d14
Concen: 78.98 ng
RT: 12.97 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.5	6.0	9.0
122	12.9	11.2	16.8





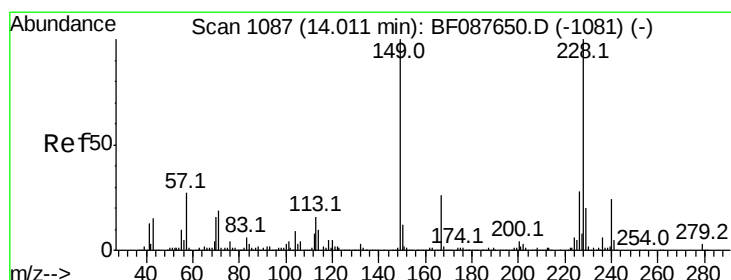
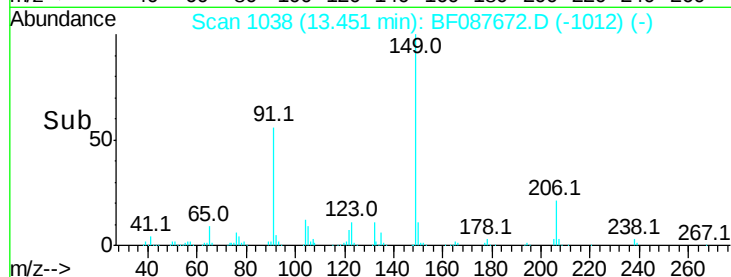
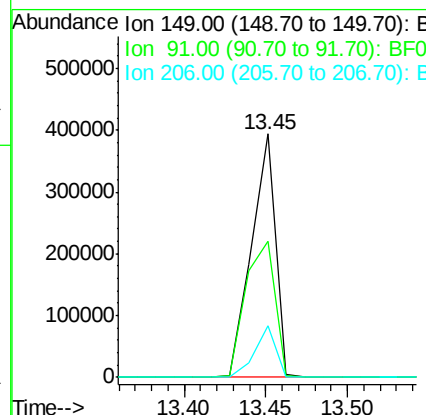
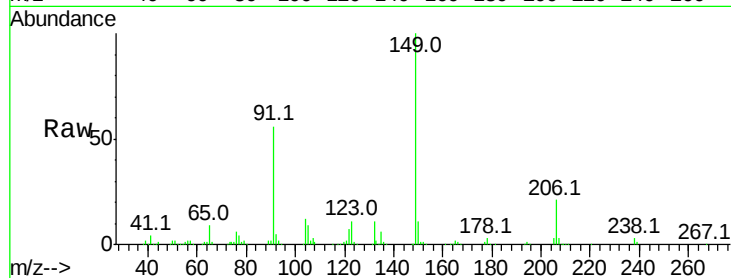
#79
Butylbenzylphthalate
Concen: 44.19 ng
RT: 13.45 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

Instrument :
BNA_F
ClientSampled :
PB91062BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	401317		
91	56.1	48.0	72.0	
206	21.2	16.0	24.0	

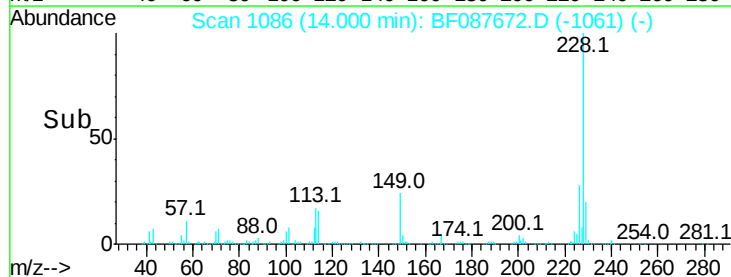
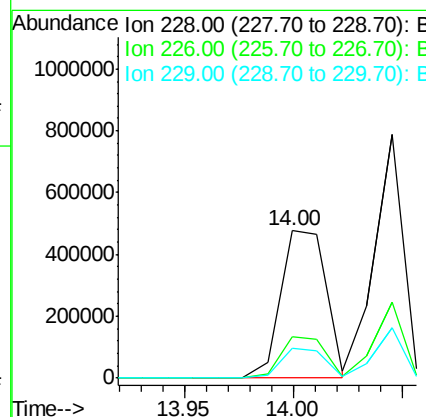
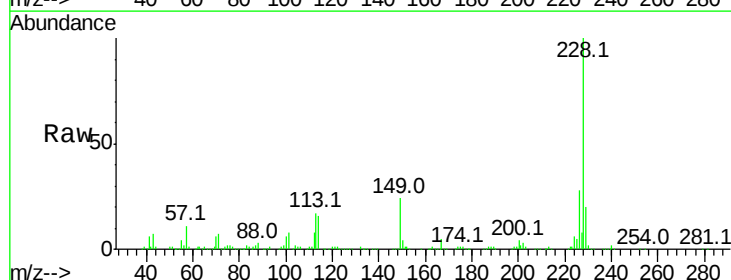
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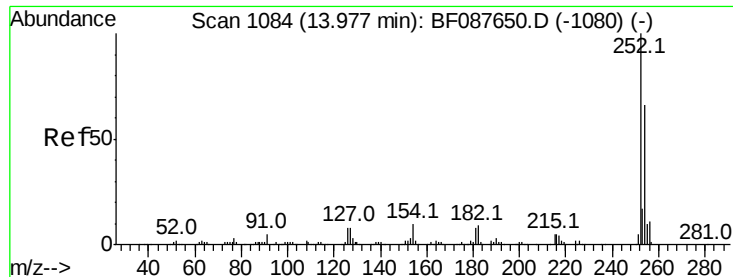
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#80
Benzo(a)anthracene
Concen: 40.11 ng
RT: 14.00 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	693633		
226	27.8	22.3	33.5	
229	20.1	16.0	24.0	





#81

3,3'-Dichlorobenzidine

Concen: 24.06 ng

RT: 13.97 min Scan# 1083

Delta R.T. -0.01 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Instrument :

BNA_F

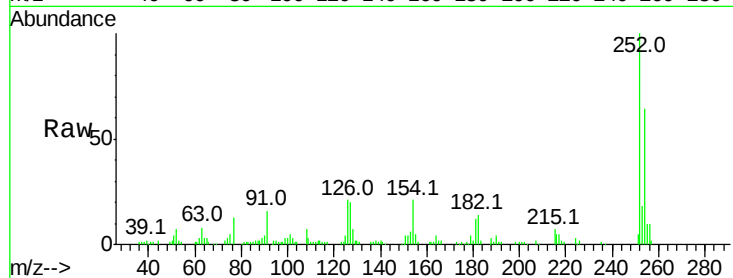
ClientSampleId :

PB91062BS

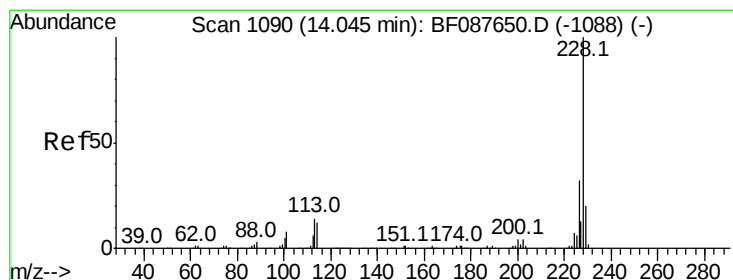
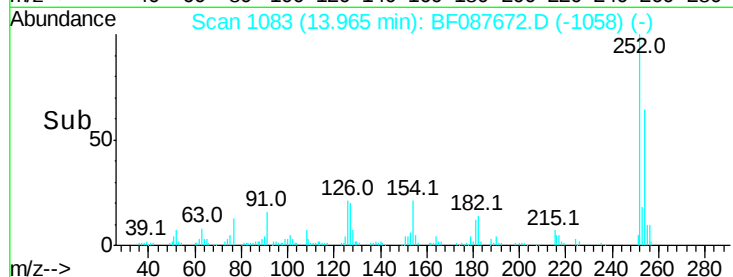
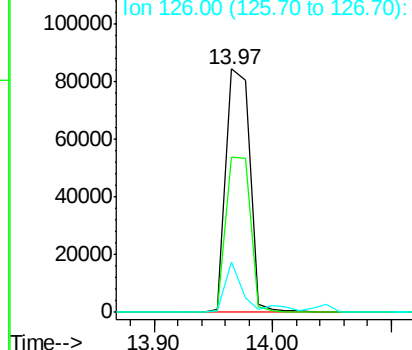
Tot Ion:	252	Resp:	117393
Ion Ratio	Lower	Upper	
252	100		
254	64.0	52.6	78.8
126	20.6	6.2	9.2#

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



#82

Chrysene

Concen: 42.60 ng

RT: 14.05 min Scan# 1090

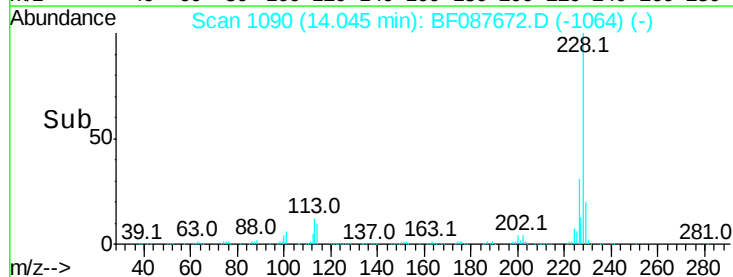
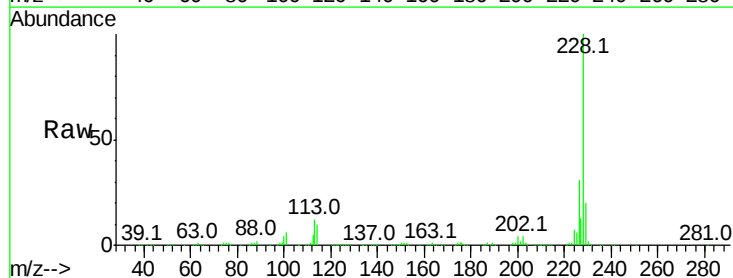
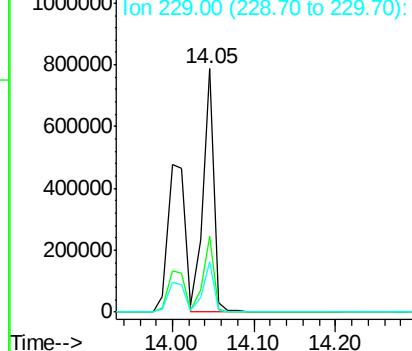
Delta R.T. -0.00 min

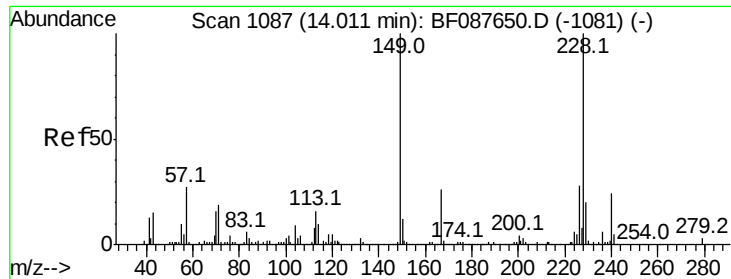
Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Tgt Ion:	228	Resp:	733193
Ion Ratio	Lower	Upper	
228	100		
226	31.2	25.4	38.2
229	20.5	16.3	24.5

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





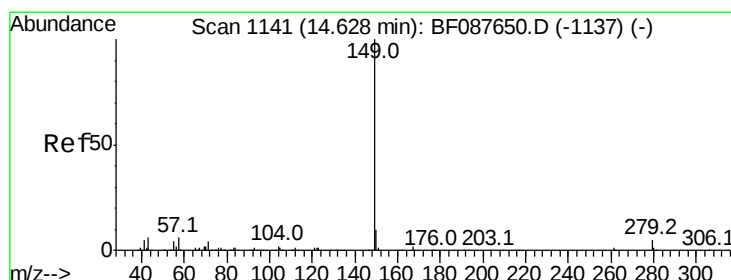
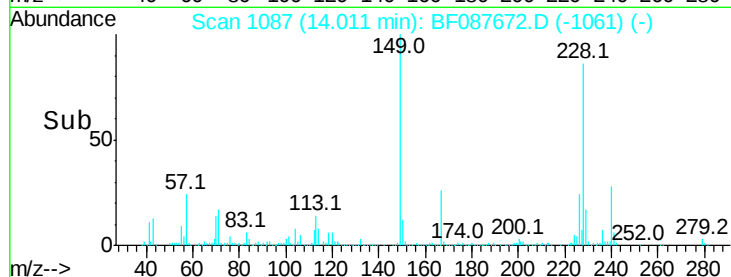
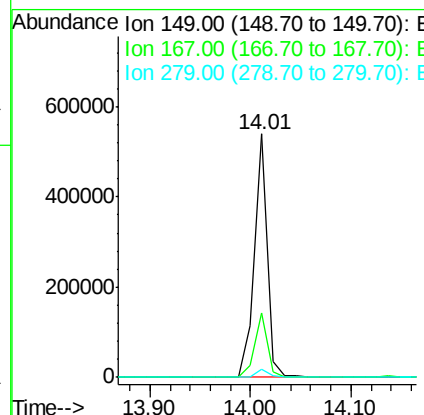
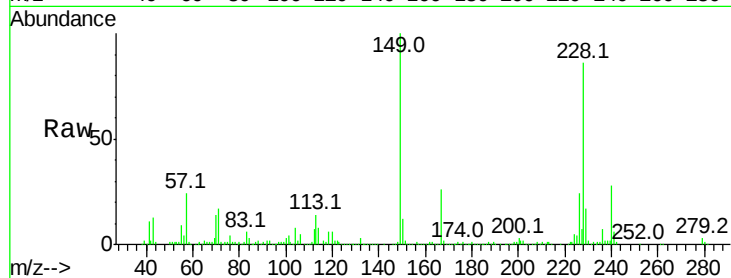
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.36 ng
 RT: 14.01 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: BF087672.D
 Acq: 4 Jun 2016 18:15

Instrument :
 BNA_F
 ClientSampleId :
 PB91062BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	479349		
167	26.4	20.5	30.7	
279	3.2	2.0	3.0#	

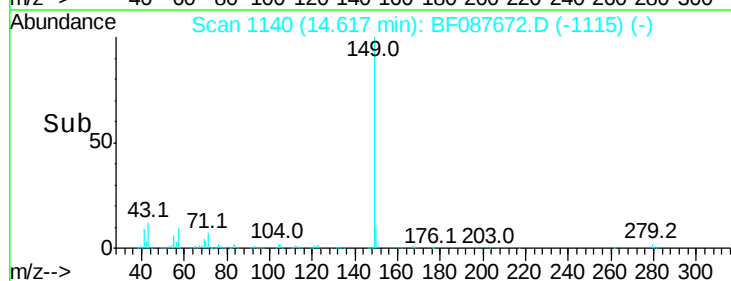
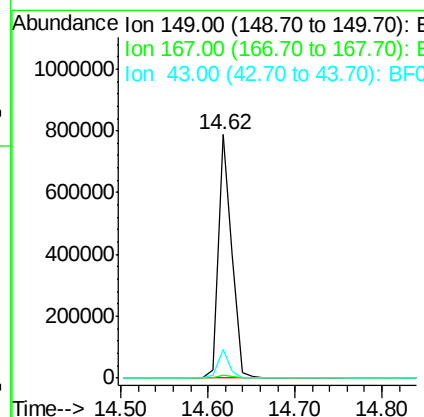
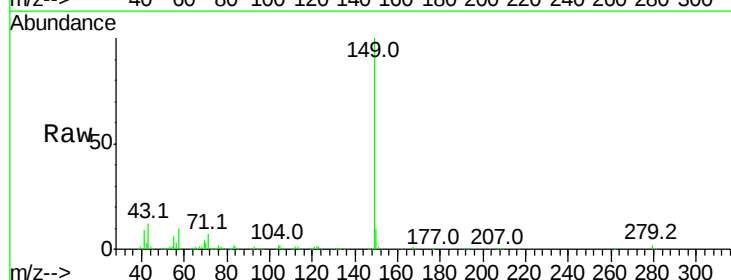
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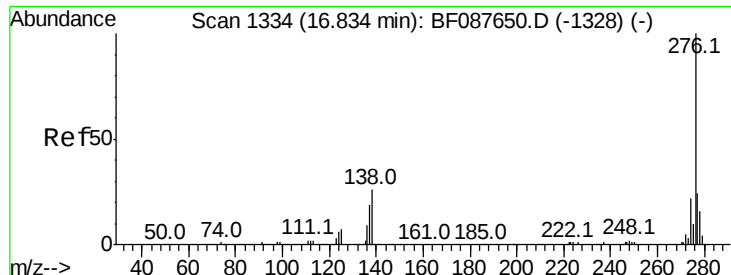
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#84
 Di-n-octyl phthalate
 Concen: 42.57 ng
 RT: 14.62 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF087672.D
 Acq: 4 Jun 2016 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	855197		
167	1.5	0.0	0.0#	
43	10.0	0.0	0.0#	





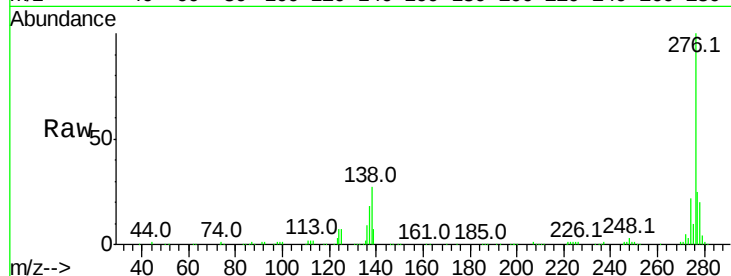
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.82 ng
RT: 16.83 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

Instrument :
BNA_F
ClientSampleId :
PB91062BS

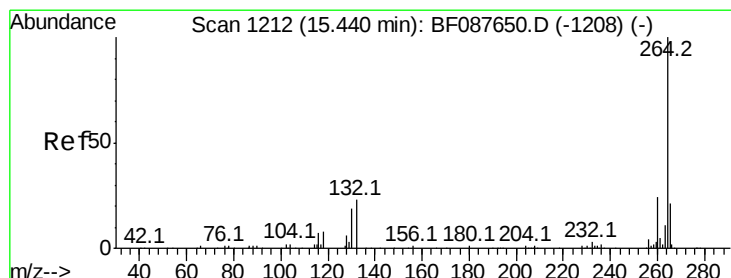
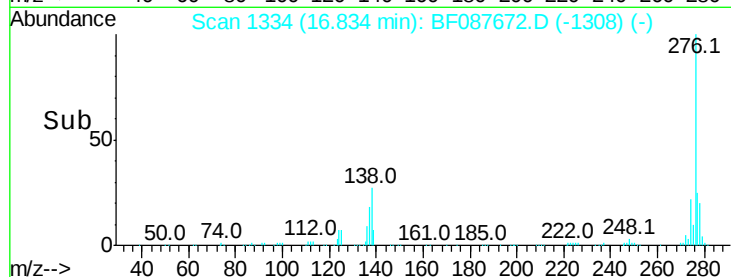
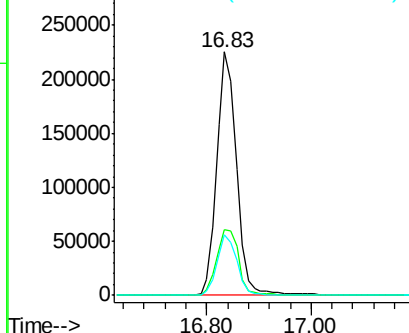
Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	30.2	0.0	0.0#
277	25.1	0.0	0.0#

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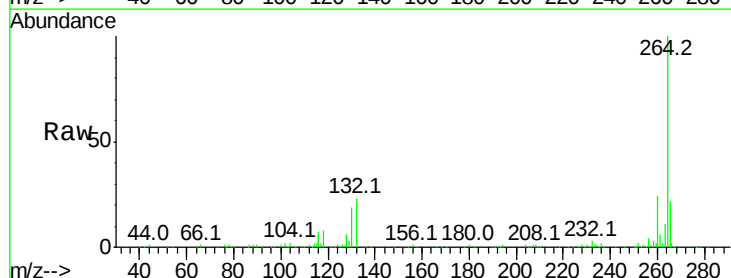


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

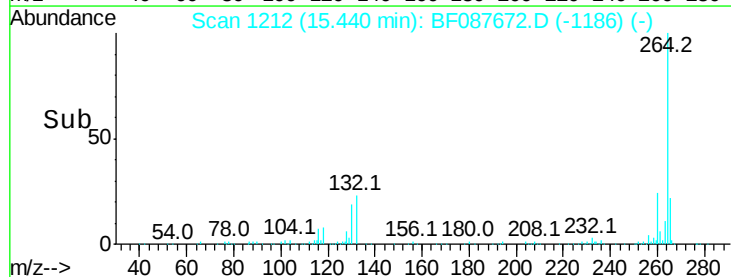
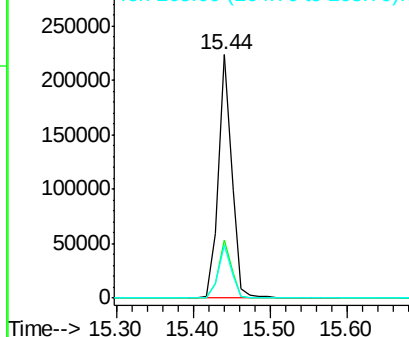


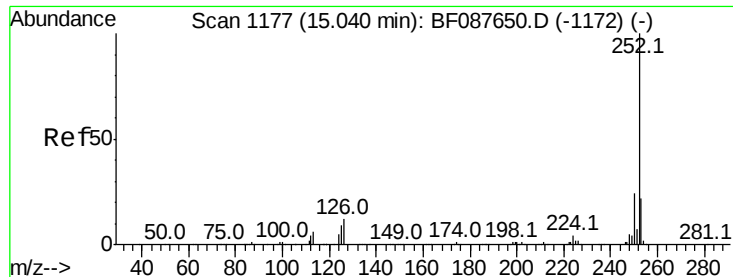
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.9	16.9	25.3



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





#87

Benzo(b)fluoranthene

Concen: 40.07 ng

RT: 15.04 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Instrument :

BNA_F

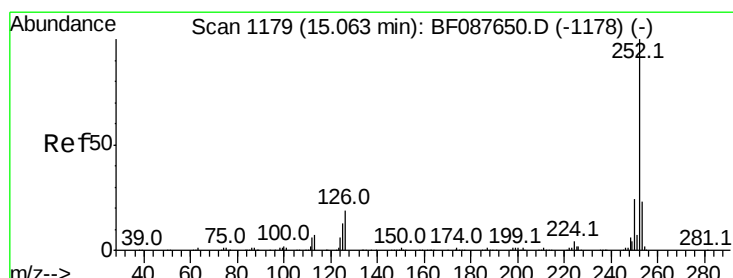
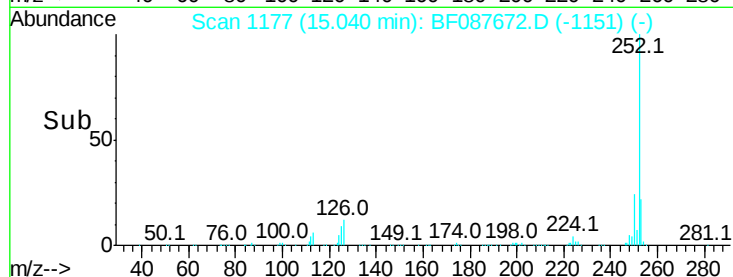
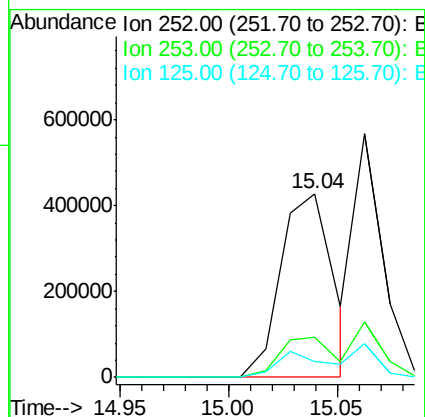
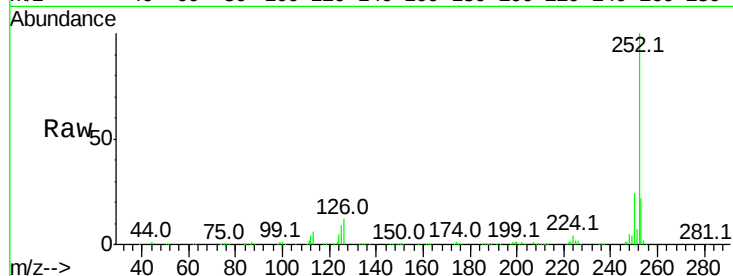
ClientSampleId :

PB91062BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	8.9	7.1	10.7

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#88

Benzo(k)fluoranthene

Concen: 35.70 ng m

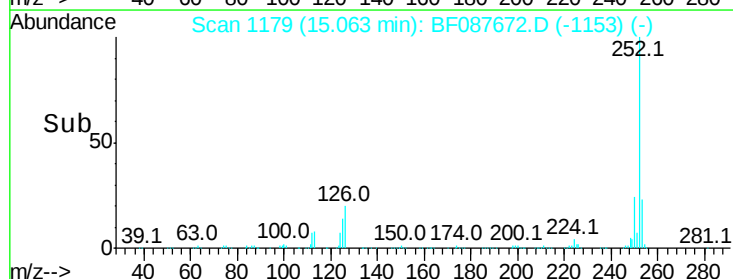
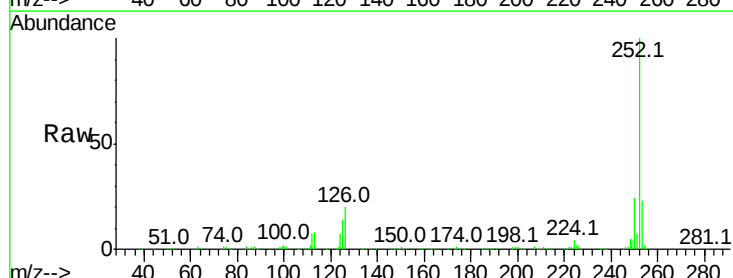
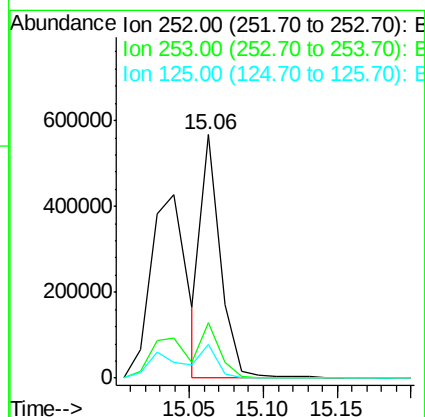
RT: 15.06 min Scan# 1179

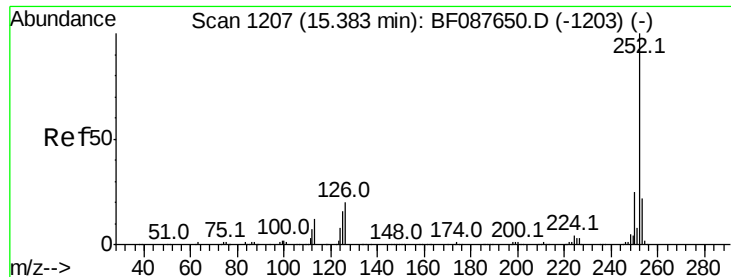
Delta R.T. 0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	13.9	11.2	16.8





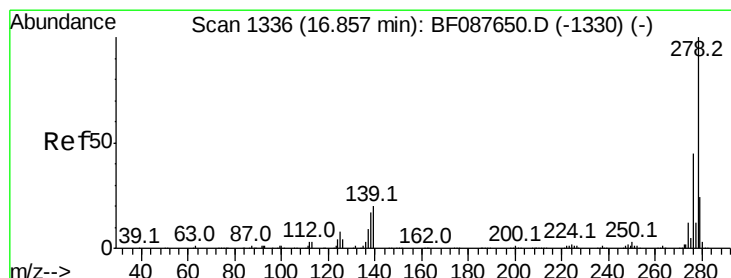
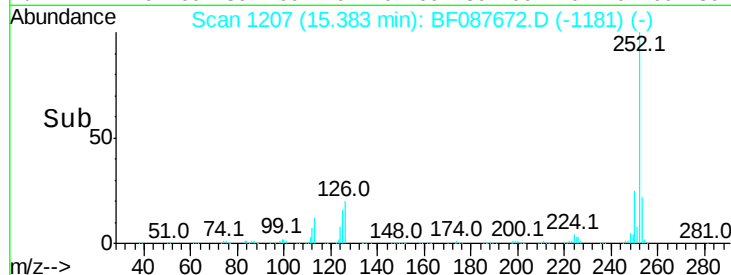
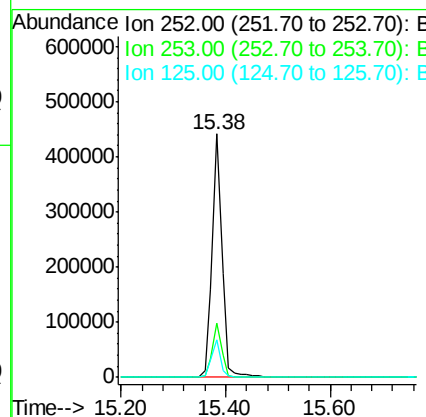
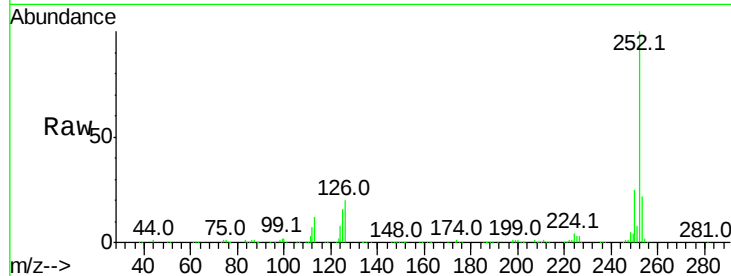
#89
Benzo(a)pyrene
Concen: 38.40 ng
RT: 15.38 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

Instrument :
BNA_F
ClientSampleId :
PB91062BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	15.6	12.5	18.7

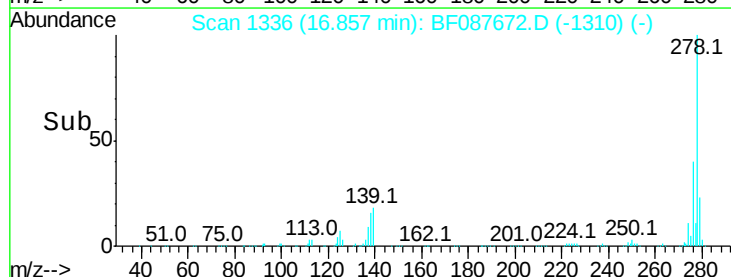
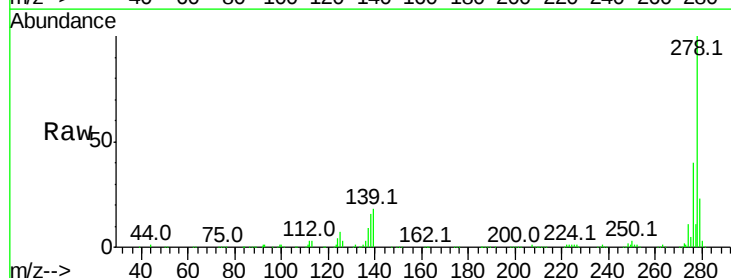
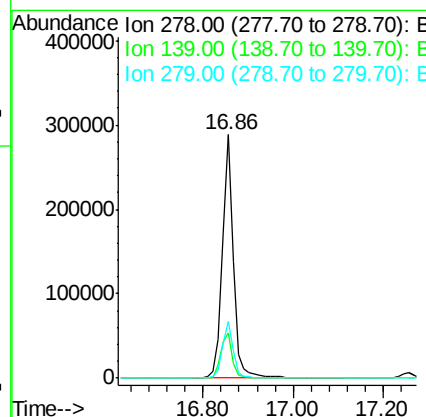
Manual Integrations
APPROVED

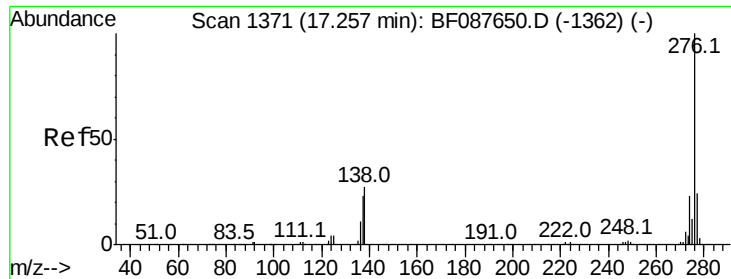
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#90
Dibenzo(a,h)anthracene
Concen: 39.00 ng
RT: 16.86 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.4	15.7	23.5
279	23.5	19.4	29.2





#91
 Benzo(a,h,i)perylene
 Concen: 38.59 ng
 RT: 17.26 min Scan# 1371
 Delta R.T. -0.00 min
 Lab File: BF087672.D
 Acq: 4 Jun 2016 18:15

Instrument :
 BNA_F
 ClientSampleId :
 PB91062BS

Tot Ion:	276	Resp:	498166
Ion Ratio	Lower	Upper	
276	100		
277	23.6	18.9	28.3
138	26.1	21.4	32.2

Manual Integrations
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