

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
 Data File : BF087624.D
 Acq On : 1 Jun 2016 19:08
 Operator : UM/SJ
 Sample : PB91016BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91016BS

Manual Integrations
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 6/2/2016 5:28:20 PM

Quant Time: Jun 02 13:30:29 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 02:13:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	107865	20.00	ng	0.00
21) Naphthalene-d8	9.45	136	440760	20.00	ng	-0.01
38) Acenaphthene-d10	12.27	164	211361	20.00	ng	-0.01
63) Phenanthrene-d10	14.69	188	409328	20.00	ng	0.00
75) Chrysene-d12	18.40	240	328735	20.00	ng	0.00
86) Perylene-d12	20.09	264	240267	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	825322	134.45	ng	0.02
7) Phenol-d6	6.99	99	1027588	123.89	ng	-0.01
23) Nitrobenzene-d5	8.34	82	720231	82.35	ng	-0.02
41) 2,4,6-Tribromophenol	13.58	330	262021	129.00	ng	-0.01
44) 2-Fluorobiphenyl	11.23	172	1223323	81.60	ng	0.00
78) Terphenyl-d14	17.04	244	1153511	74.60	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.83	88	85741	26.47	ng	# 66
3) Pyridine	2.40	79	260233m	36.75	ng	
4) n-Nitrosodimethylamine	2.38	42	213436	39.12	ng	# 49
6) Aniline	6.94	93	334635	31.19	ng	93
8) 2-Chlorophenol	7.11	128	311158	40.65	ng	92
9) Benzaldehyde	6.83	77	23685	5.17	ng	97
10) Phenol	7.00	94	387849	42.82	ng	# 62
11) bis(2-Chloroethyl)ether	7.06	93	293919	40.09	ng	85
12) 1,3-Dichlorobenzene	7.31	146	314804	37.70	ng	# 92
13) 1,4-Dichlorobenzene	7.44	146	331679	38.69	ng	# 92
14) 1,2-Dichlorobenzene	7.68	146	315710	39.82	ng	99
15) Benzyl Alcohol	7.74	79	294347	48.67	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.92	45	587591	35.62	ng	87
17) 2-Methylphenol	7.95	107	251652	41.02	ng	# 90
18) Hexachloroethane	8.18	117	127078	39.74	ng	98
19) n-Nitroso-di-n-propylamine	8.15	70	252199	40.77	ng	# 72
20) 3+4-Methylphenols	8.22	107	339472	45.77	ng	# 58
22) Acetophenone	8.11	105	433365	41.16	ng	# 97
24) Nitrobenzene	8.38	77	362022	39.22	ng	98
25) Isophorone	8.76	82	624029	39.79	ng	99
26) 2-Nitrophenol	8.88	139	160993	42.66	ng	# 65
27) 2,4-Dimethylphenol	9.03	122	280082	42.76	ng	# 85
28) bis(2-Chloroethoxy)methane	9.14	93	376691	42.64	ng	# 98
29) 2,4-Dichlorophenol	9.31	162	251181	42.55	ng	98
30) 1,2,4-Trichlorobenzene	9.38	180	265465	39.28	ng	98
31) Naphthalene	9.48	128	903138	40.89	ng	100
32) Benzoic acid	9.39	122	119547	36.96	ng	# 75
33) 4-Chloroaniline	9.66	127	205762	25.29	ng	# 93
34) Hexachlorobutadiene	9.69	225	159249	38.76	ng	98
35) Caprolactam	10.28	113	80785m	46.89	ng	
36) 4-Chloro-3-methylphenol	10.52	107	294870	44.18	ng	95
37) 2-Methylnaphthalene	10.62	142	582449	42.21	ng	97
39) 1,2,4,5-Tetrachlorobenzene	10.89	216	262640	38.82	ng	99
40) Hexachlorocyclopentadiene	10.86	237	131016	50.95	ng	96

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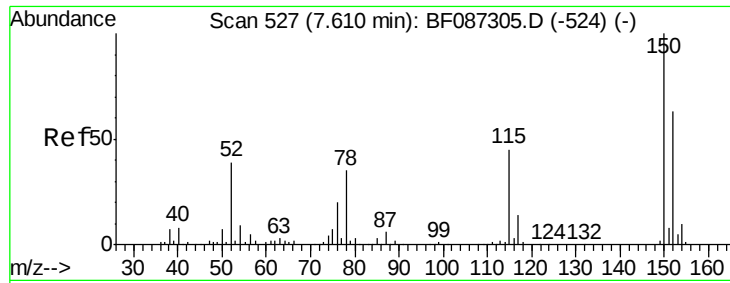
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.13	196	163722	41.92	nq	92
43) 2,4,5-Trichlorophenol	11.22	196	149729	37.65	nq #	88
45) 1,1'-Biphenyl	11.38	154	741480	41.67	nq	98
46) 2-Chloronaphthalene	11.39	162	543802	39.94	nq	94
47) 2-Nitroaniline	11.63	65	227647	46.41	nq	91
48) Acenaphthylene	12.04	152	869322	40.33	nq	99
49) Dimethylphthalate	11.94	163	687627	40.61	nq	99
50) 2,6-Dinitrotoluene	12.03	165	140082	41.06	nq #	60
51) Acenaphthene	12.33	154	536177	40.47	nq	98
52) 3-Nitroaniline	12.32	138	102037	29.14	nq #	80
53) 2,4-Dinitrophenol	12.54	184	123251	71.36	nq #	85
54) Dibenzofuran	12.62	168	795854	44.37	nq	93
55) 4-Nitrophenol	12.74	139	137782	82.49	nq #	59
56) 2,4-Dinitrotoluene	12.71	165	203320	44.59	nq	93
57) Fluorene	13.18	166	657322	42.26	nq	98
58) 2,3,4,6-Tetrachlorophenol	12.87	232	144470	47.22	nq	98
59) Diethylphthalate	13.09	149	680980	41.37	nq	100
60) 4-Chlorophenyl-phenylether	13.20	204	299178	39.44	nq	91
61) 4-Nitroaniline	13.33	138	140576	43.02	nq #	62
62) Azobenzene	13.45	77	833791	48.82	nq	83
64) 4,6-Dinitro-2-methylphenol	13.38	198	90262	34.68	nq #	68
65) n-Nitrosodiphenylamine	13.42	169	545448	41.20	nq	99
66) 4-Bromophenyl-phenylether	13.98	248	177701	39.68	nq	96
67) Hexachlorobenzene	14.06	284	188749	40.30	nq #	80
68) Atrazine	14.34	200	178550	42.31	nq	94
69) Pentachlorophenol	14.43	266	102197	70.97	nq	97
70) Phenanthrene	14.72	178	950464	41.92	nq	99
71) Anthracene	14.81	178	974100	42.53	nq	98
72) Carbazole	15.11	167	889601	45.54	nq	99
73) Di-n-butylphthalate	15.67	149	1021128	40.42	nq #	98
74) Fluoranthene	16.49	202	970387	42.68	nq	96
76) Benzidine	16.73	184	409467	48.41	nq	97
77) Pyrene	16.80	202	989196	41.80	nq	99
79) Butylbenzylphthalate	17.70	149	424075	40.41	nq #	73
80) Benzo(a)anthracene	18.39	228	802671	42.93	nq	99
81) 3,3'-Dichlorobenzidine	18.37	252	152787	14.79	nq	99
82) Chrysene	18.43	228	783312	42.21	nq	99
83) Bis(2-ethylhexyl)phthalate	18.45	149	571244	37.31	nq	96
84) Di-n-octyl phthalate	19.21	149	940099	40.26	nq #	88
85) Indeno(1,2,3-cd)pyrene	21.28	276	530740	35.68	nq #	93
87) Benzo(b)fluoranthene	19.67	252	587699m	38.40	nq	
88) Benzo(k)fluoranthene	19.69	252	676087m	51.32	nq	
89) Benzo(a)pyrene	20.02	252	555384	41.96	nq	98
90) Dibenzo(a,h)anthracene	21.28	278	453132	40.14	nq #	95
91) Benzo(g,h,i)perylene	21.65	276	432446	38.82	nq #	90

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.42 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF087624.D

Acq: 1 Jun 2016 19:08

Instrument :

BNA_F

ClientSampleId :

PB91016BS

Tot Ion:152 Resp: 107865

Ion Ratio Lower Upper

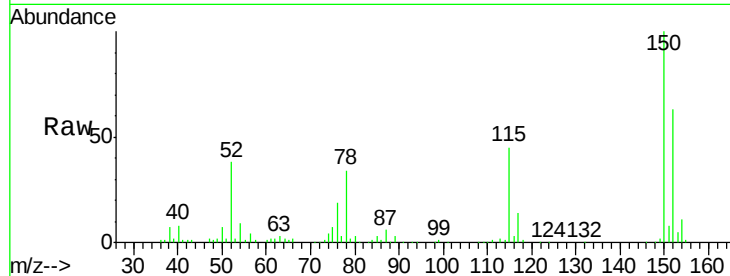
152 100

150 157.5 125.8 188.6

115 71.4 51.5 77.3

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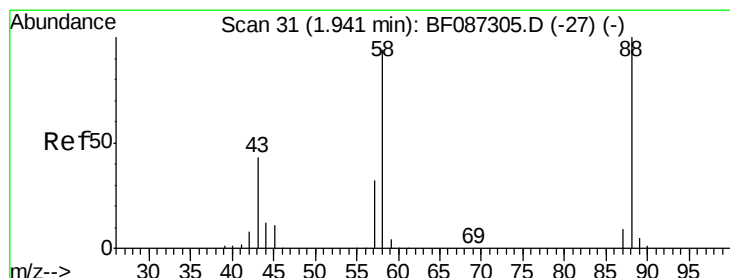
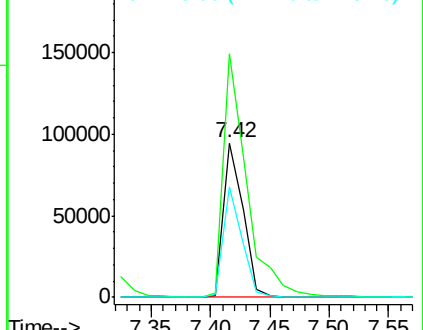
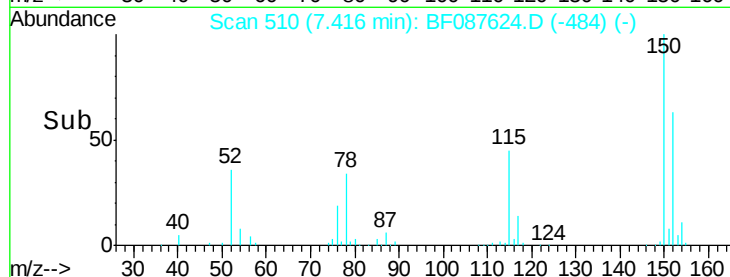
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 26.47 ng

RT: 1.83 min Scan# 21

Delta R.T. 0.10 min

Lab File: BF087624.D

Acq: 1 Jun 2016 19:08

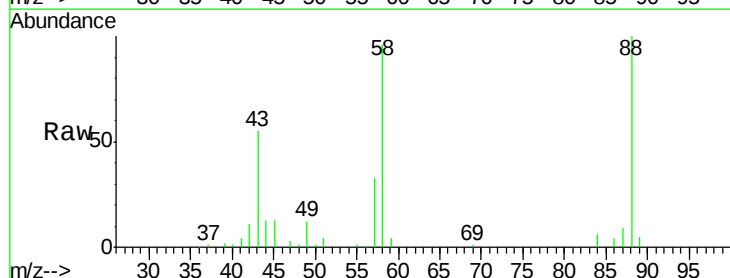
Tgt Ion: 88 Resp: 85741

Ion Ratio Lower Upper

88 100

58 94.9 59.6 89.4#

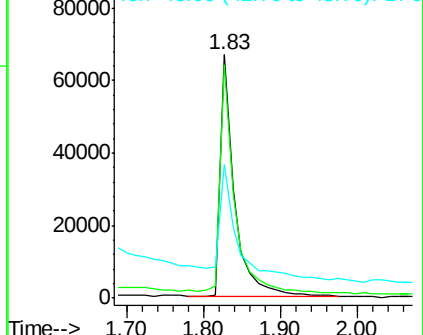
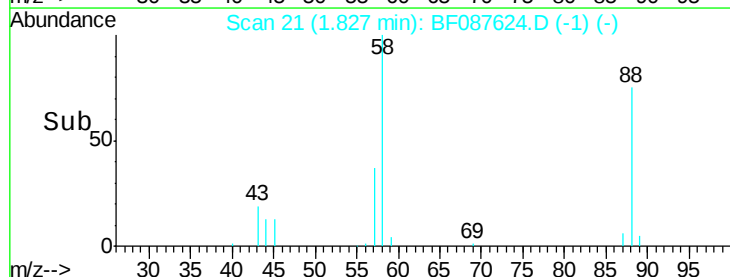
43 59.4 21.8 32.6#

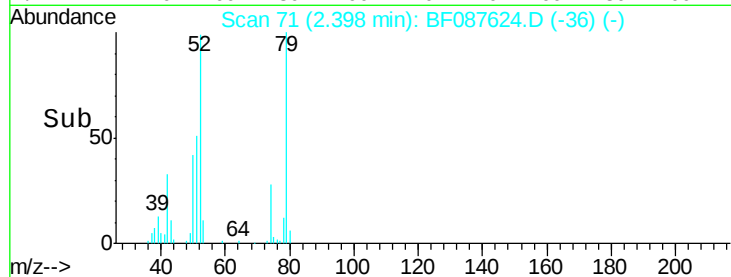
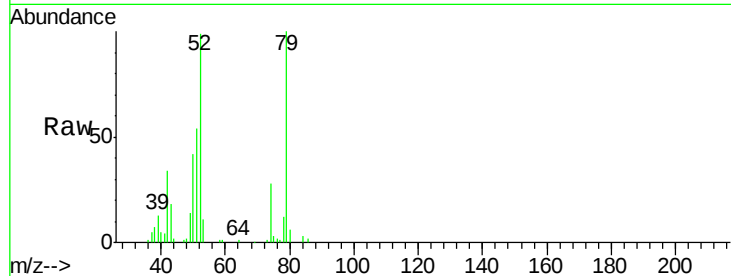


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





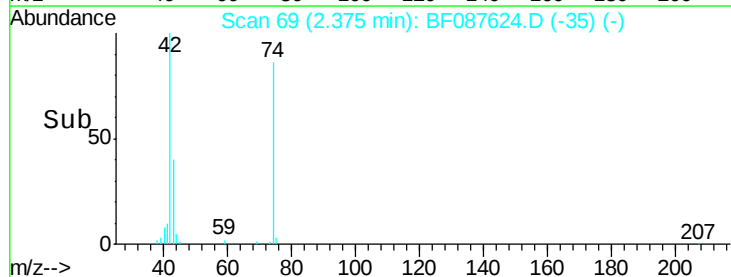
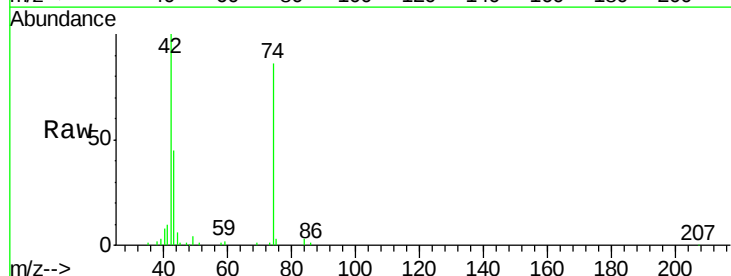
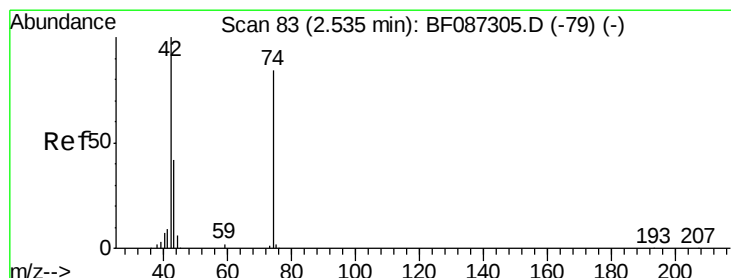
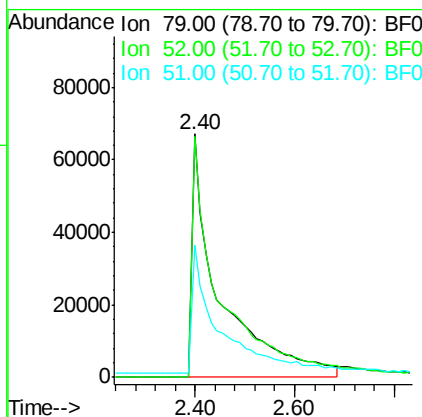
#3
 Pvridine
 Concen: 36.75 ng/ml
 RT: 2.40 min Scan# 71
 Delta R.T. 0.10 min
 Lab File: BF087624.D
 Acq: 1 Jun 2016 19:08

Tot Ion	Ratio	Resp Lower	Upper
79	100		
52	98.9	55.9	83.9#
51	54.2	28.1	42.1#

Instrument :
 BNA_F
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 PB91016BS

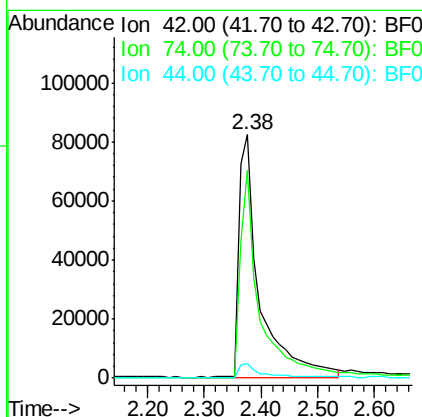
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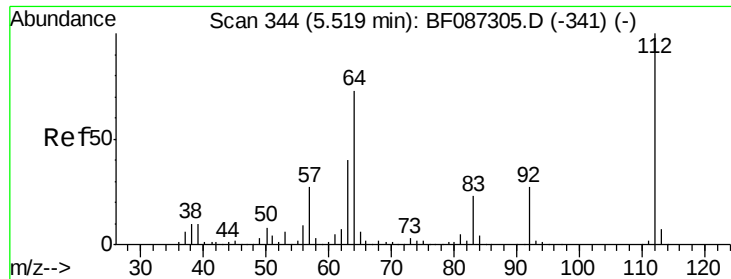
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#4
 n-Nitrosodimethylamine
 Concen: 39.12 ng/ml
 RT: 2.38 min Scan# 69
 Delta R.T. 0.09 min
 Lab File: BF087624.D
 Acq: 1 Jun 2016 19:08

Tgt Ion	Ratio	Resp Lower	Upper
42	100		
74	85.6	123.4	185.0#
44	5.8	5.8	8.6





#5

2-Fluorophenol

Concen: 134.45 ng

RT: 5.34 min Scan# 328

Delta R.T. 0.02 min

Lab File: BF087624.D

Acq: 1 Jun 2016 19:08

Instrument :

BNA_F

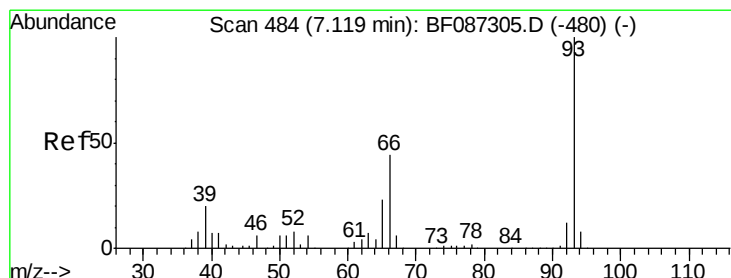
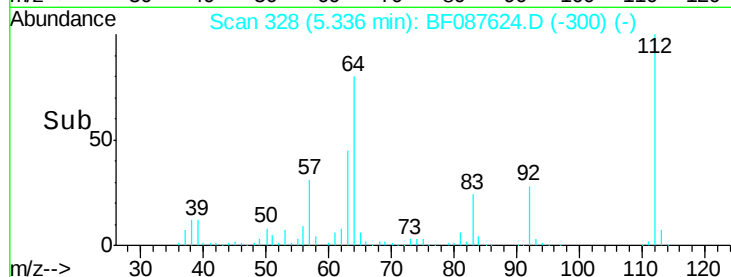
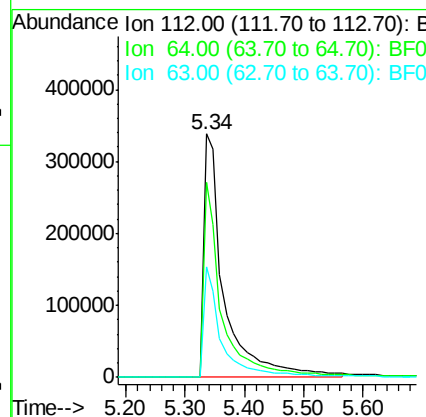
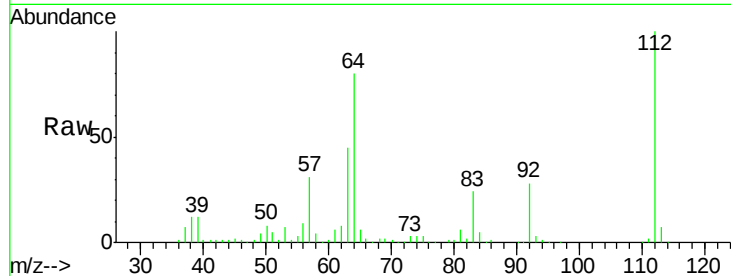
ClientSampleId :

PB91016BS

Tot Ion:	112	Resp:	825322
Ion Ratio	Lower	Upper	
112	100		
64	80.0	52.1	78.1#
63	45.3	25.7	38.5#

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#6

Aniline

Concen: 31.19 ng

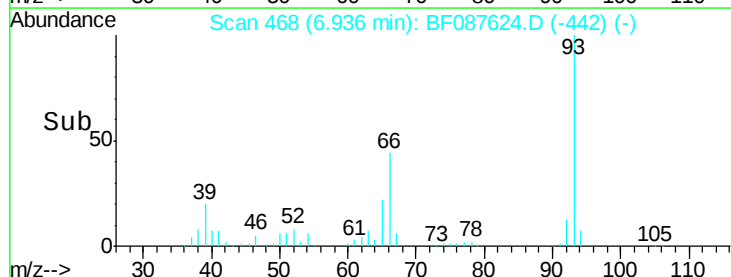
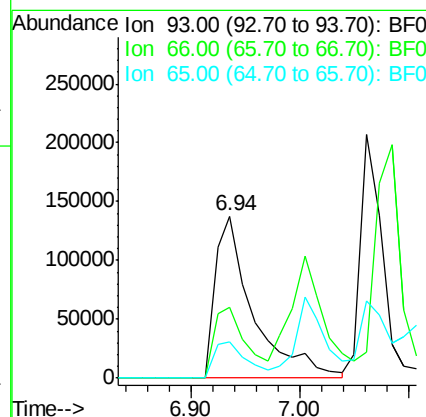
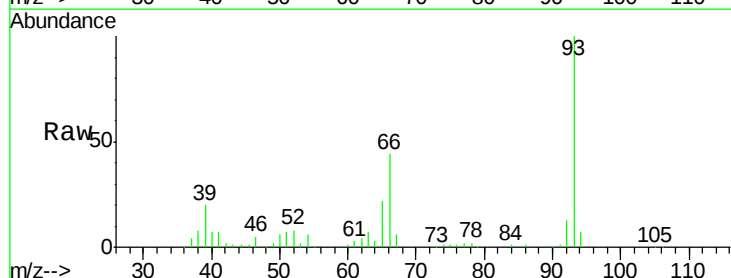
RT: 6.94 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF087624.D

Acq: 1 Jun 2016 19:08

Tgt Ion:	93	Resp:	334635
Ion Ratio	Lower	Upper	
93	100		
66	43.7	39.0	58.6
65	22.2	20.6	31.0





#7

Phenol-d6

Concen: 123.89 ng

RT: 6.99 min Scan# 473

Delta R.T. -0.01 min

Lab File: BF087624.D

Acq: 1 Jun 2016 19:08

Instrument :

BNA_F

ClientSampleId :

PB91016BS

Tot Ion: 99 Resp: 1027588

Ion Ratio Lower Upper

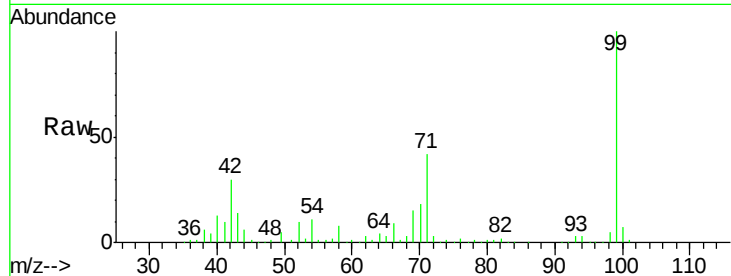
99 100

42 30.1 13.6 20.4#

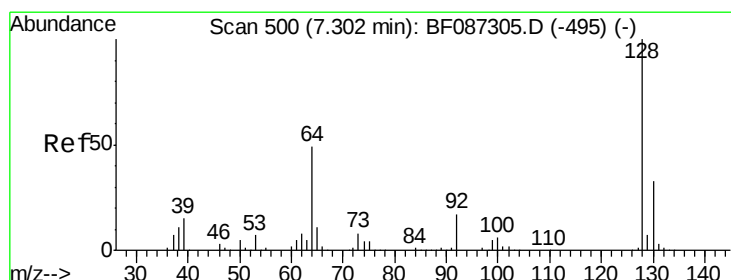
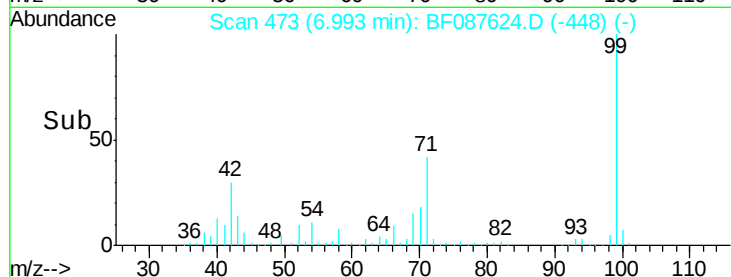
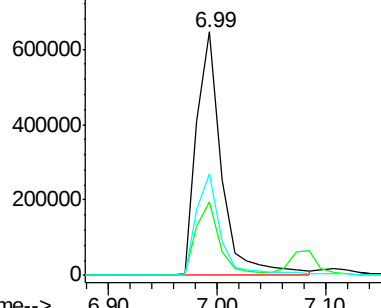
71 41.8 24.6 36.8#

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



#8

2-Chlorophenol

Concen: 40.65 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.01 min

Lab File: BF087624.D

Acq: 1 Jun 2016 19:08

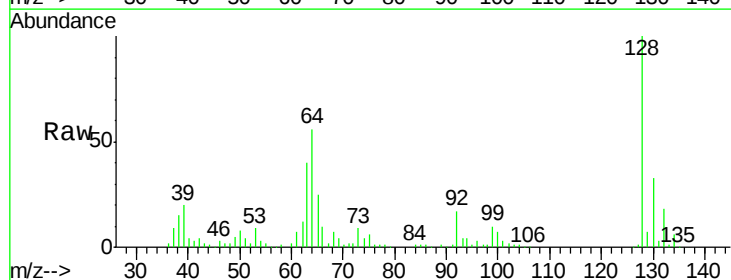
Tgt Ion: 128 Resp: 311158

Ion Ratio Lower Upper

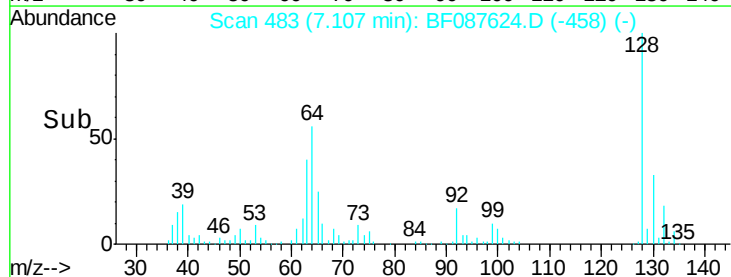
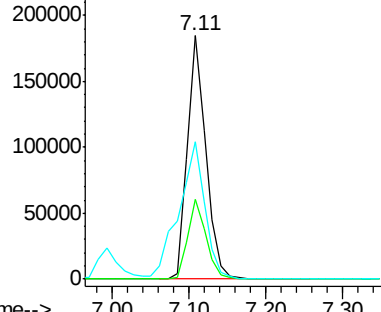
128 100

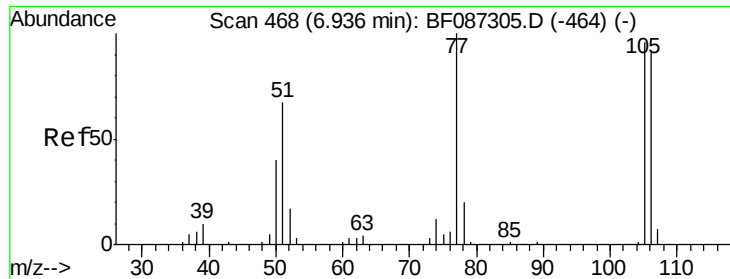
130 32.8 12.5 52.5

64 56.4 27.3 67.3



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





#9

Benzaldehyde

Concen: 5.17 ng

RT: 6.83 min Scan# 459

Delta R.T. 0.09 min

Lab File: BF087624.D

Acq: 1 Jun 2016 19:08

Instrument :

BNA_F

ClientSampleId :

PB91016BS

Tot Ion: 77 Resp: 23685

Ion Ratio Lower Upper

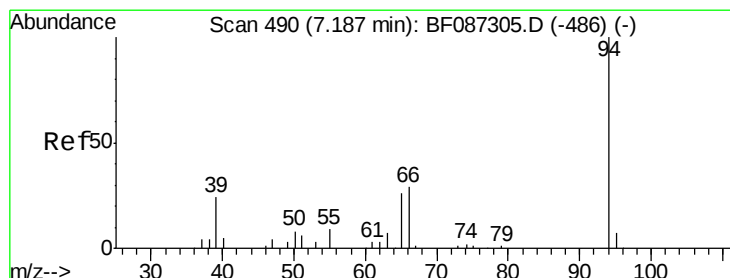
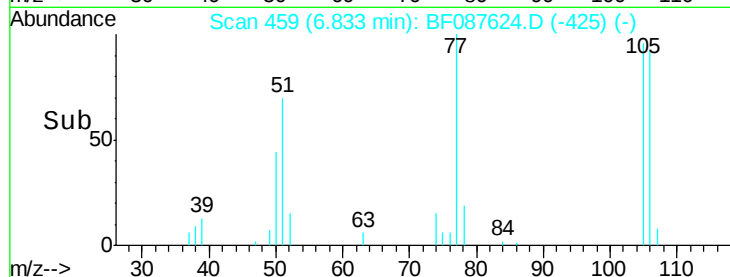
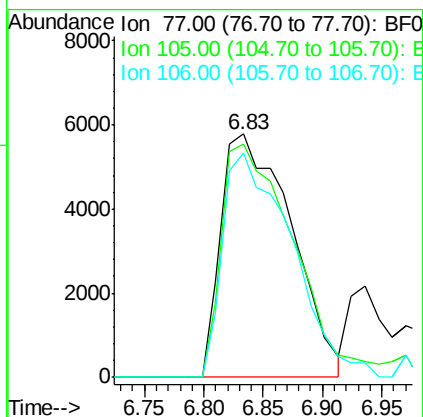
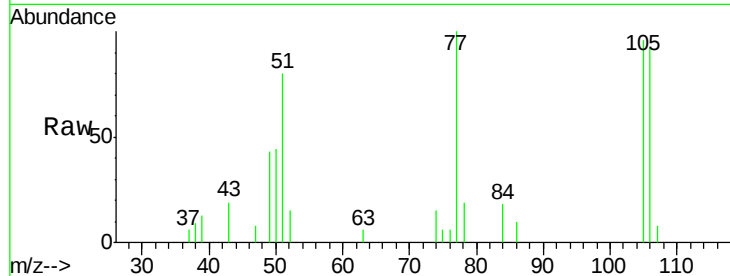
77 100

105 96.0 72.7 112.7

106 92.4 70.8 110.8

Manual Integrations
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#10

Phenol

Concen: 42.82 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.01 min

Lab File: BF087624.D

Acq: 1 Jun 2016 19:08

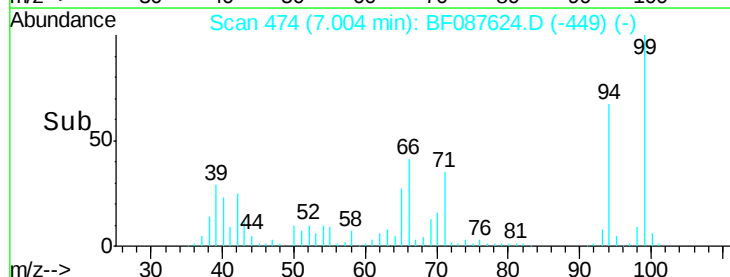
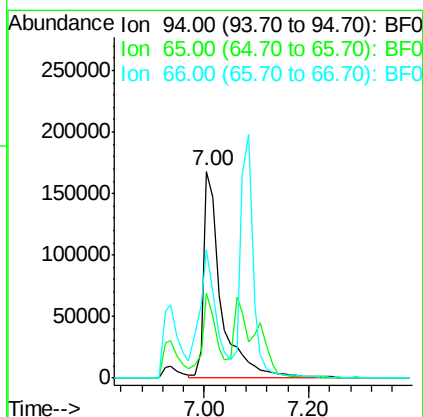
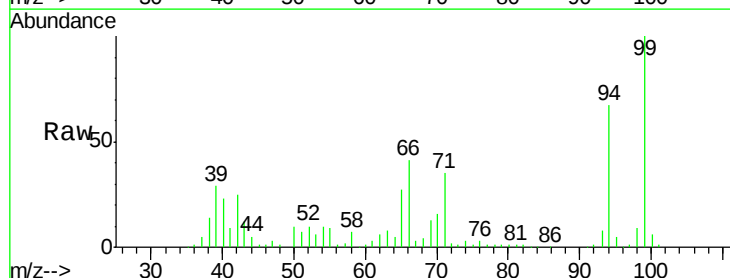
Tgt Ion: 94 Resp: 387849

Ion Ratio Lower Upper

94 100

65 40.9 7.2 47.2

66 61.9 14.9 54.9#





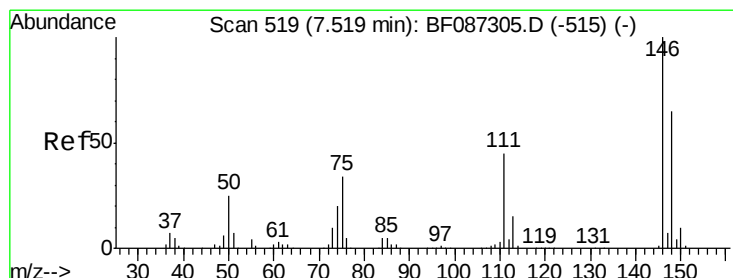
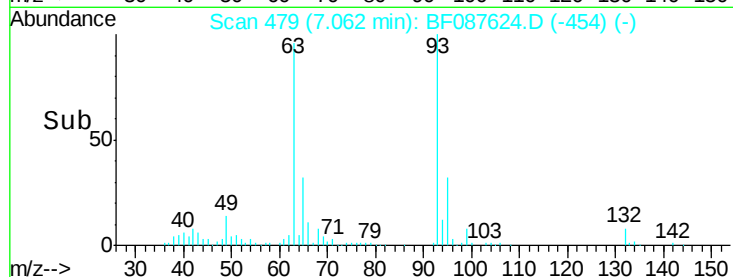
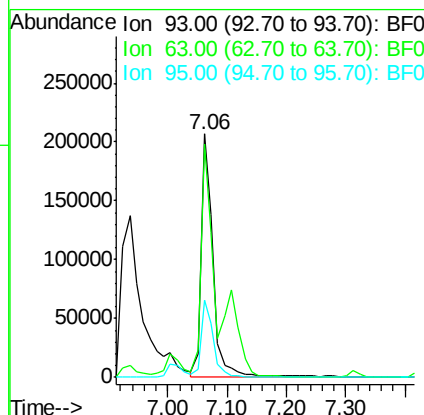
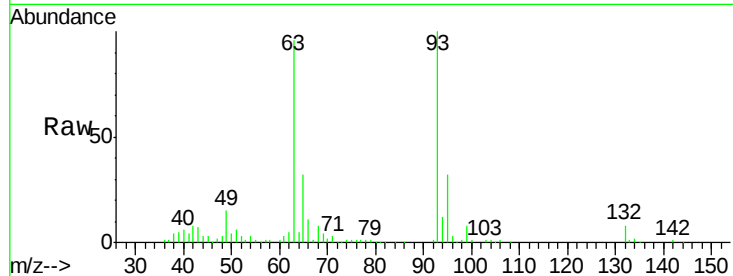
#11
bis(2-Chloroethyl)ether
Concen: 40.09 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.01 min
Lab File: BF087624.D
Acq: 1 Jun 2016 19:08

Instrument :
BNA_F
ClientSampleId :
PB91016BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	293919		
63	95.8	58.0	98.0	
95	31.7	11.9	51.9	

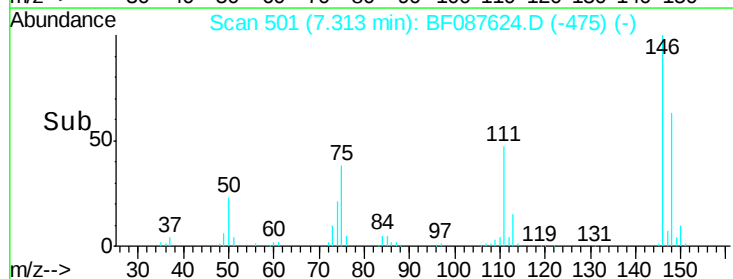
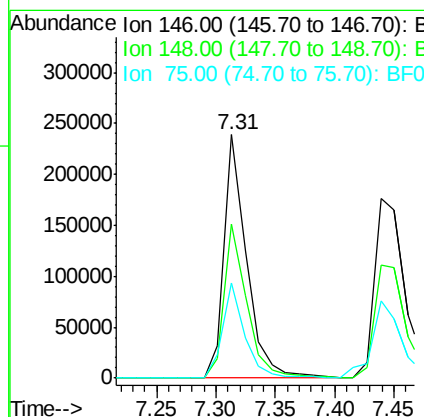
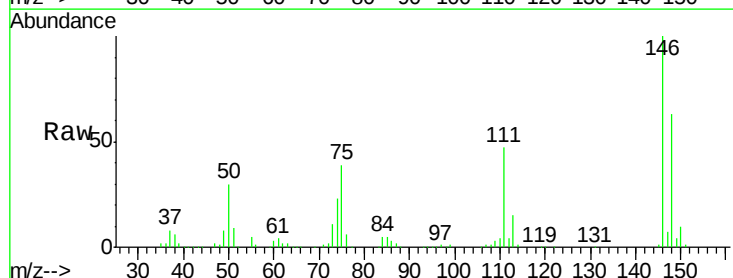
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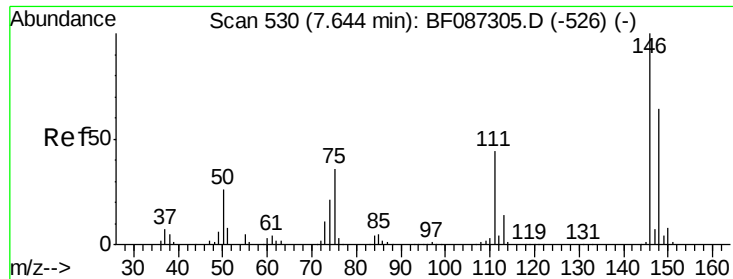
sohil
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#12
1,3-Dichlorobenzene
Concen: 37.70 ng
RT: 7.31 min Scan# 501
Delta R.T. 0.00 min
Lab File: BF087624.D
Acq: 1 Jun 2016 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	314804		
148	63.3	52.4	78.6	
75	38.9	22.8	34.2	





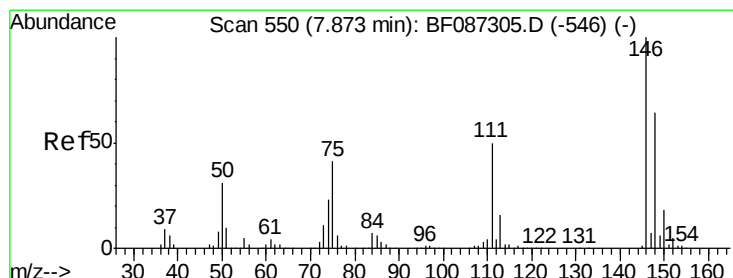
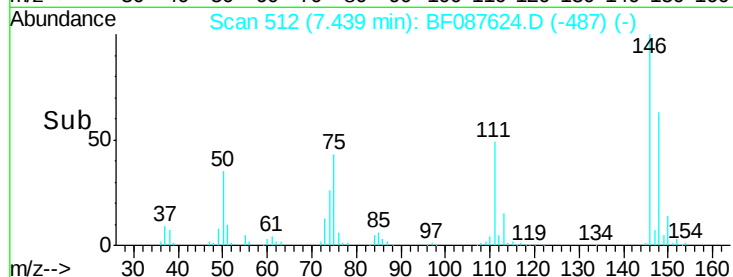
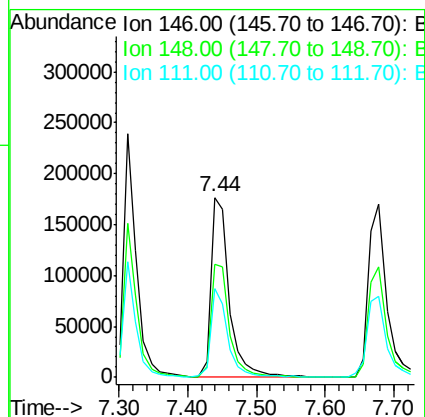
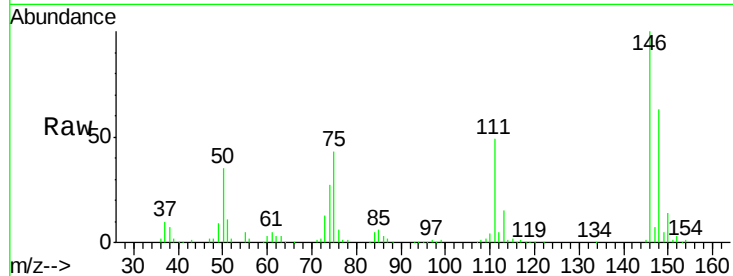
#13
1,4-Dichlorobenzene
Concen: 38.69 ng
RT: 7.44 min Scan# 512
Delta R.T. -0.01 min
Lab File: BF087624.D
Acq: 1 Jun 2016 19:08

Instrument :
BNA_F
ClientSampleId :
PB91016BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	52.2	78.4
111	49.2	30.7	46.1

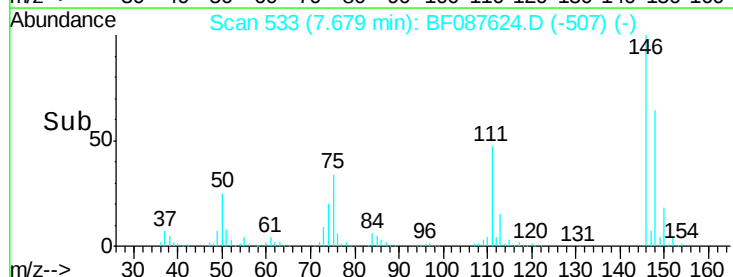
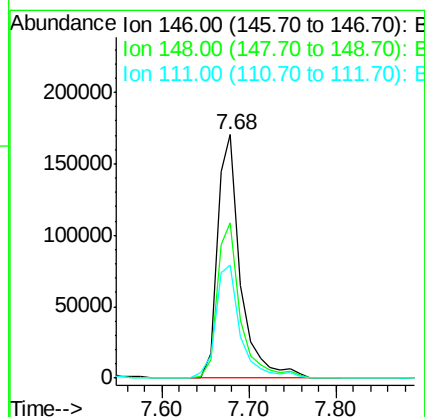
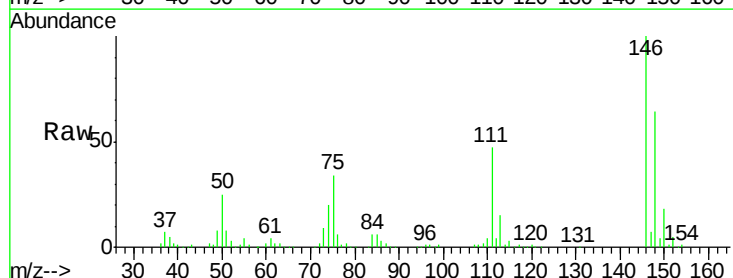
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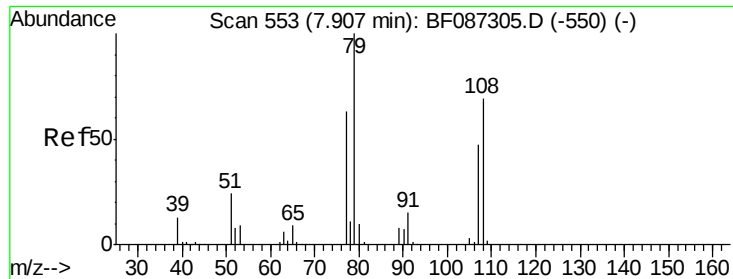
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#14
1,2-Dichlorobenzene
Concen: 39.82 ng
RT: 7.68 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF087624.D
Acq: 1 Jun 2016 19:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.0	76.6
111	46.7	36.2	54.4





#15

Benzyl Alcohol

Concen: 48.67 ng

RT: 7.74 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF087624.D

Acq: 1 Jun 2016 19:08

Instrument :

BNA_F

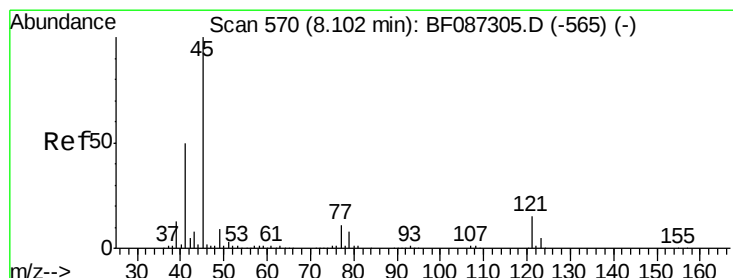
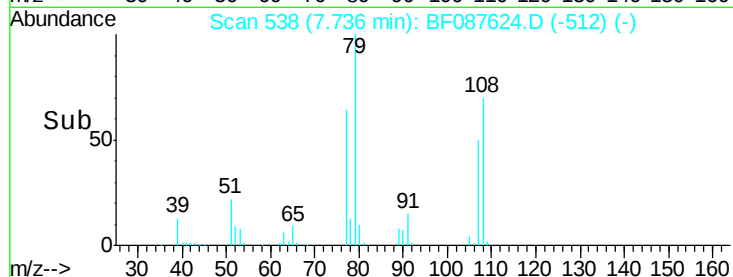
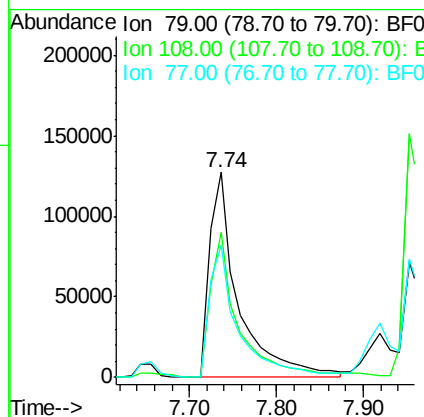
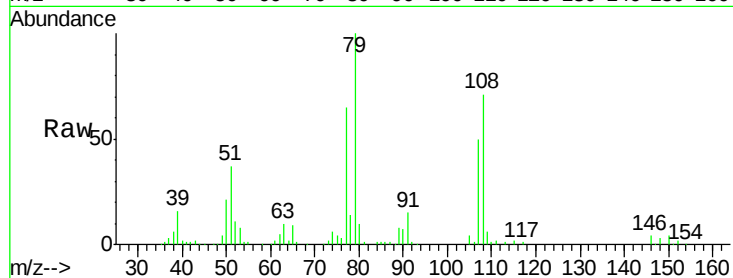
ClientSampleId :

PB91016BS

Tot Ion:	79	Resp:	294347
Ion Ratio	Lower	Upper	
79	100		
108	70.8	68.4	102.6
77	64.7	50.6	76.0

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.62 ng

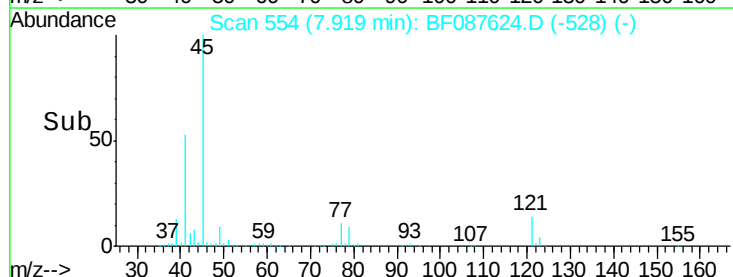
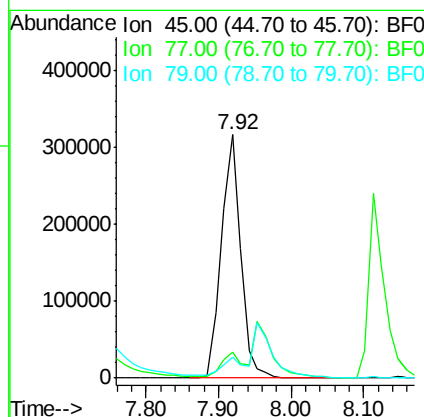
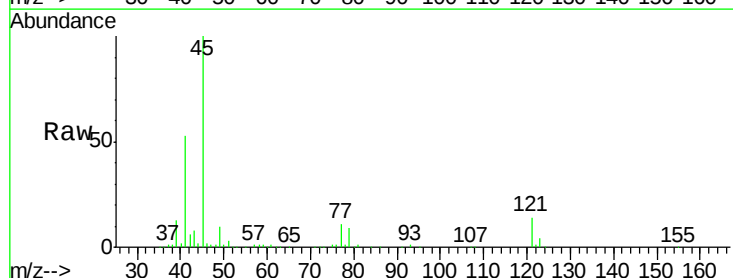
RT: 7.92 min Scan# 554

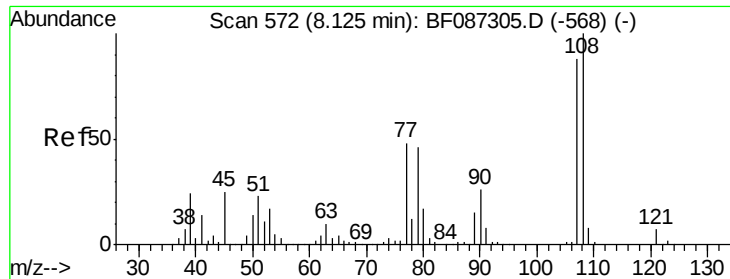
Delta R.T. 0.00 min

Lab File: BF087624.D

Acq: 1 Jun 2016 19:08

Tgt Ion:	45	Resp:	587591
Ion Ratio	Lower	Upper	
45	100		
77	10.5	0.0	36.4
79	8.5	0.0	33.4





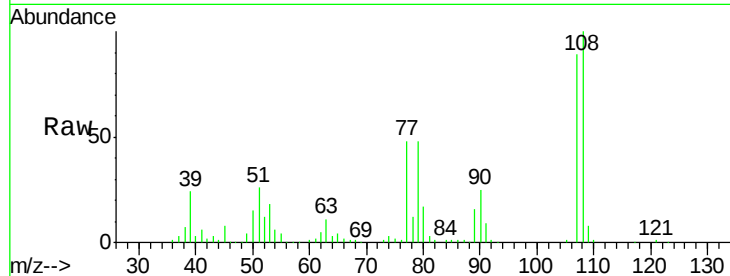
#17
2-Methylphenol
Concen: 41.02 ng
RT: 7.95 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF087624.D
Acq: 1 Jun 2016 19:08

Instrument :
BNA_F
ClientSampleId :
PB91016BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.9	93.7	140.5	
77	54.1	33.4	50.0	
79	53.2	34.3	51.5	

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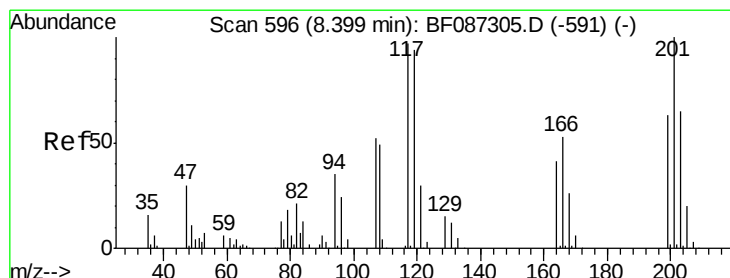
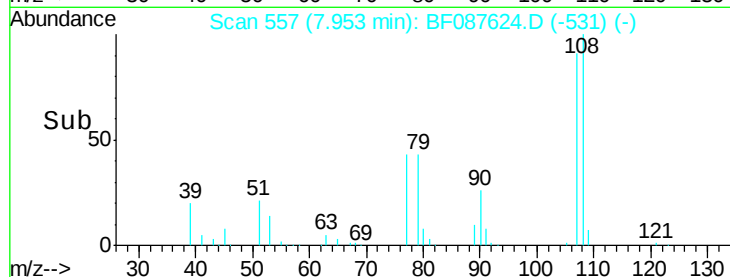
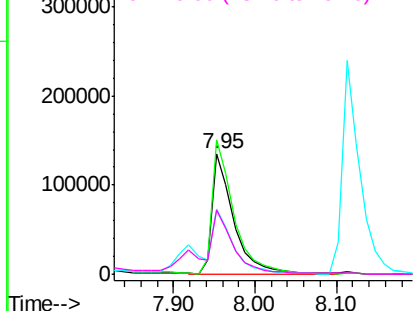
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 39.74 ng
RT: 8.18 min Scan# 577
Delta R.T. -0.01 min
Lab File: BF087624.D
Acq: 1 Jun 2016 19:08

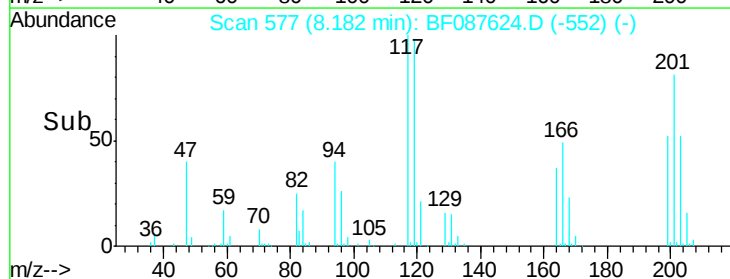
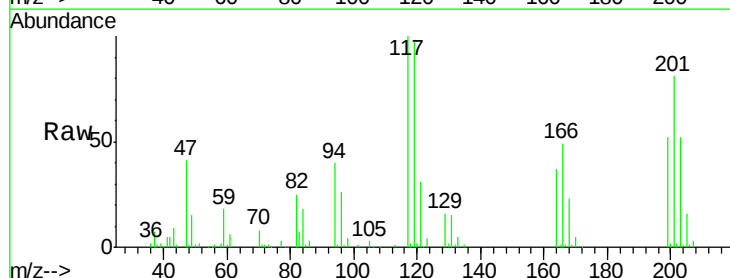
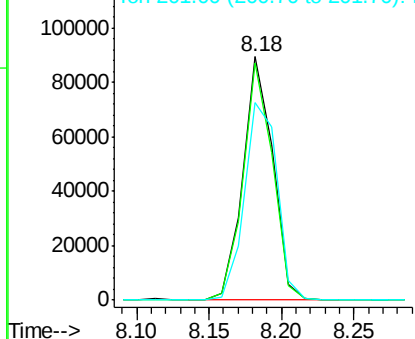
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.6	76.5	114.7	
201	81.3	63.0	94.6	

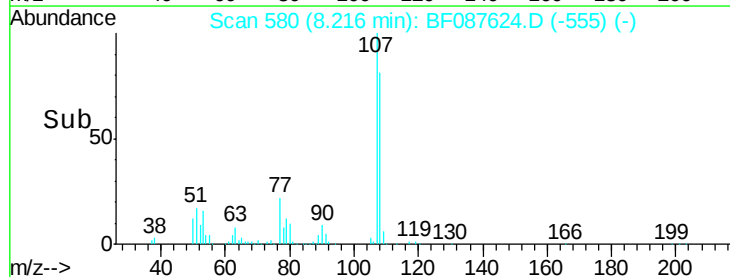
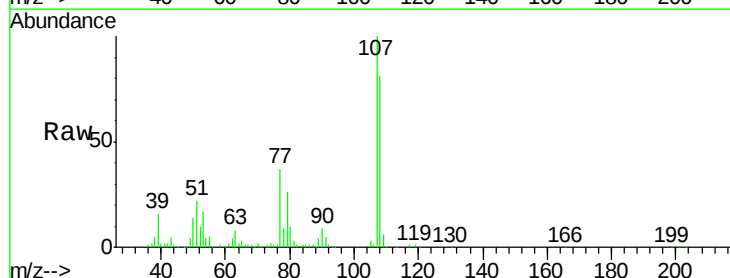
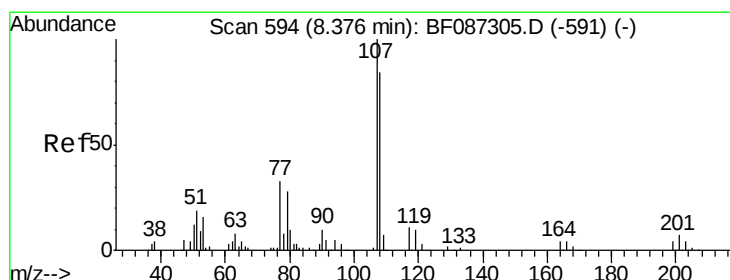
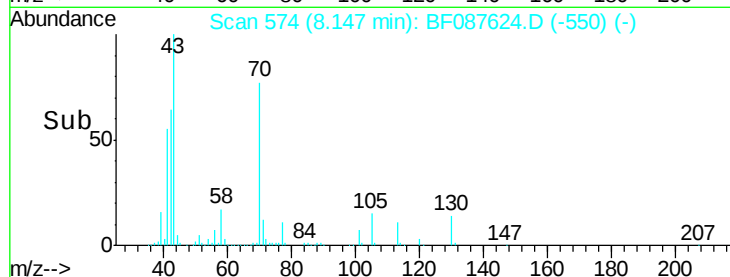
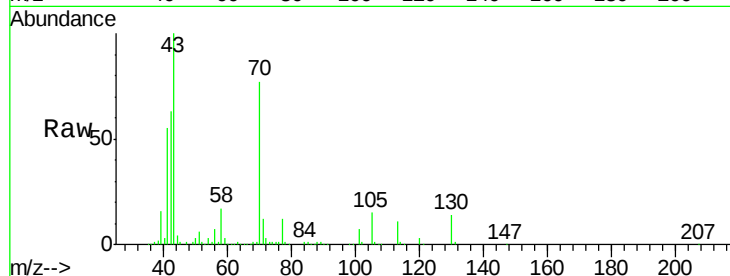
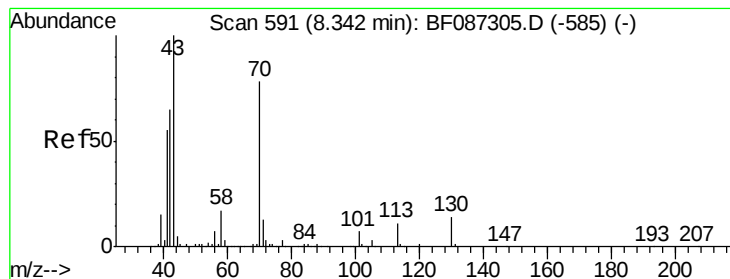
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 40.77 ng

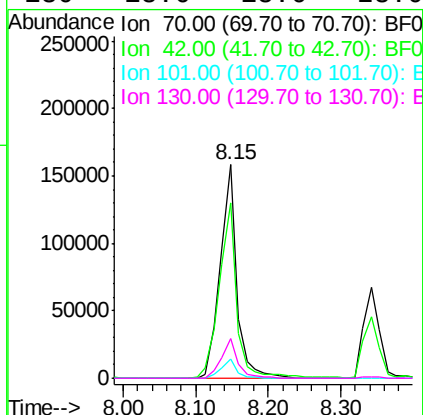
RT: 8.15 min Scan# 574

Delta R.T. -0.02 min

Lab File: BF087624.D

Acq: 1 Jun 2016 19:08

Tot Ion	Ratio	Lower	Upper
70	100		
42	82.4	43.1	64.7#
101	8.7	8.1	12.1
130	18.6	18.6	28.0#



Instrument :

BNA_F

ClientSampleId :

PB91016BS

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#20

3+4-Methylphenols

Concen: 45.77 ng

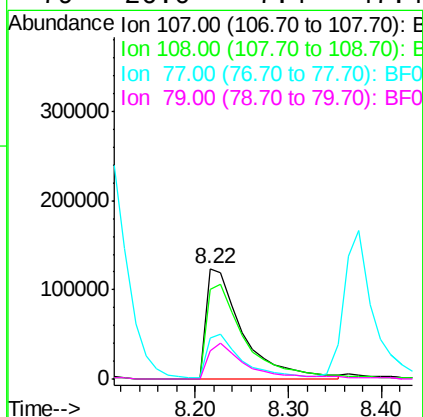
RT: 8.22 min Scan# 580

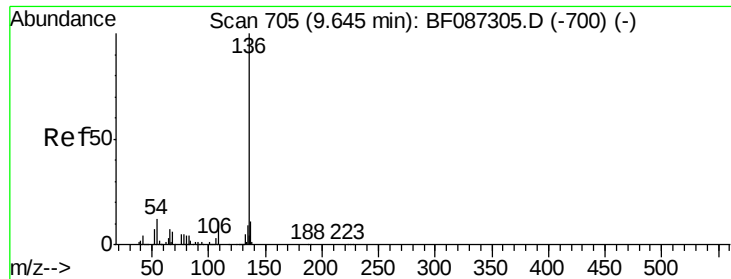
Delta R.T. -0.01 min

Lab File: BF087624.D

Acq: 1 Jun 2016 19:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	81.1	68.5	108.5
77	37.3	101.6	141.6#
79	26.0	7.4	47.4





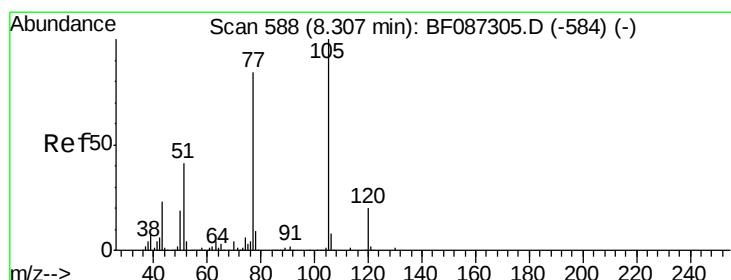
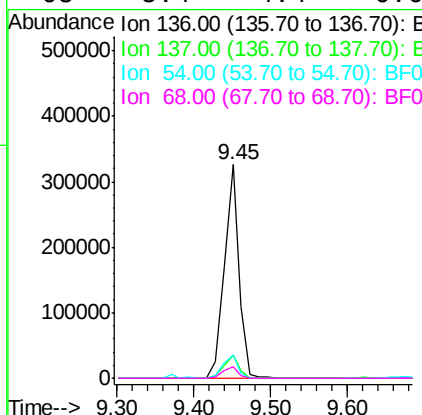
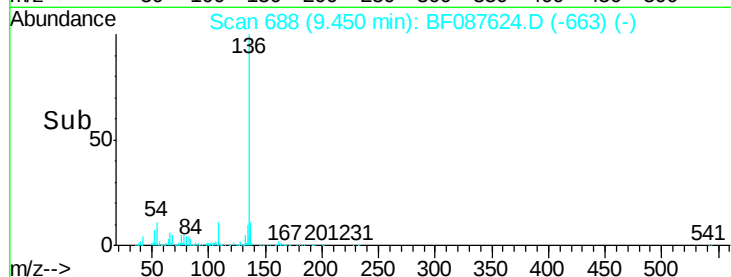
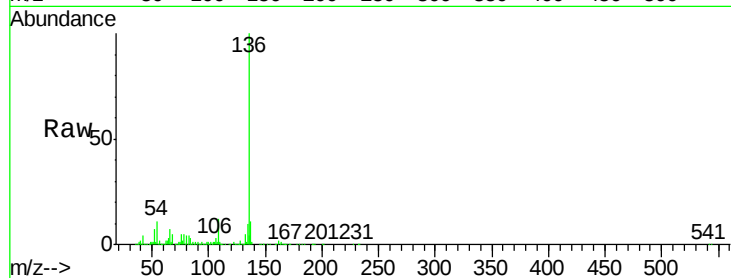
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF087624.D
Acq: 1 Jun 2016 19:08

Instrument :
BNA_F
ClientSampleId :
PB91016BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		440760		
137	11.0	8.8	13.2		
54	10.8	5.0	7.4		
68	5.4	4.4	6.6		

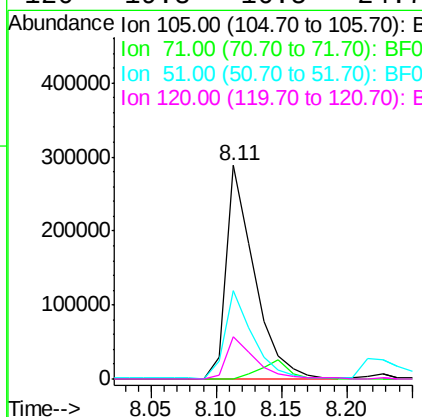
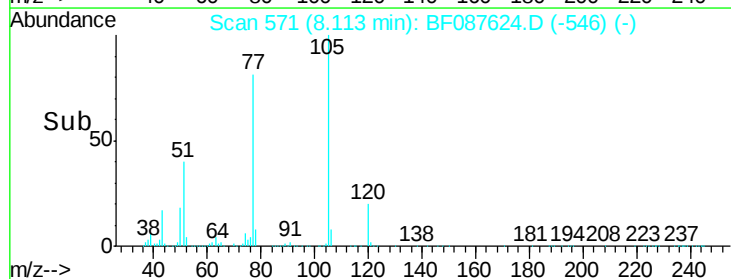
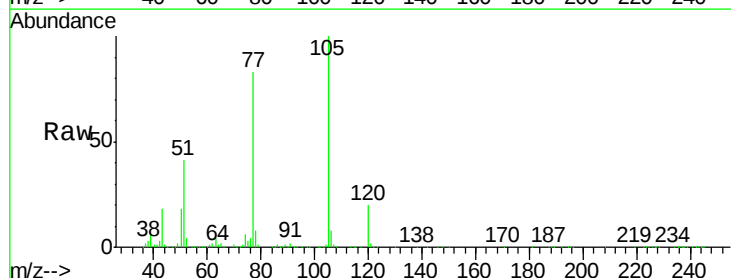
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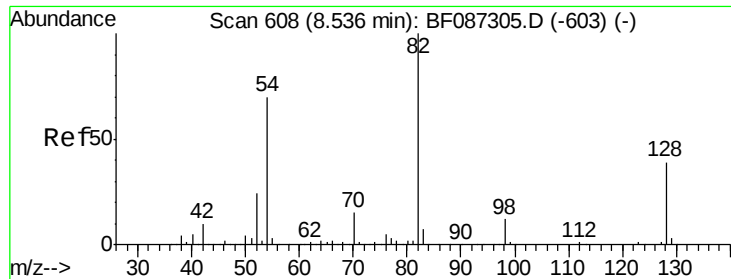
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#22
Acetophenone
Concen: 41.16 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF087624.D
Acq: 1 Jun 2016 19:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		433365		
71	0.2	4.8	7.2		
51	41.5	32.6	49.0		
120	19.8	16.5	24.7		





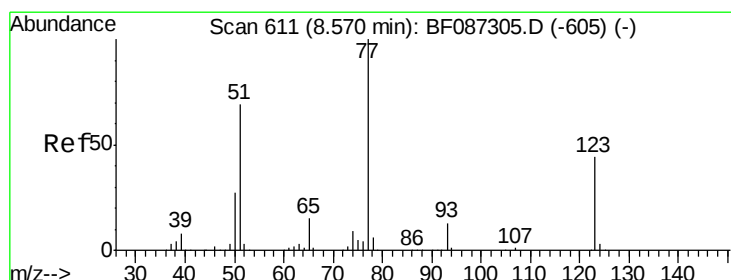
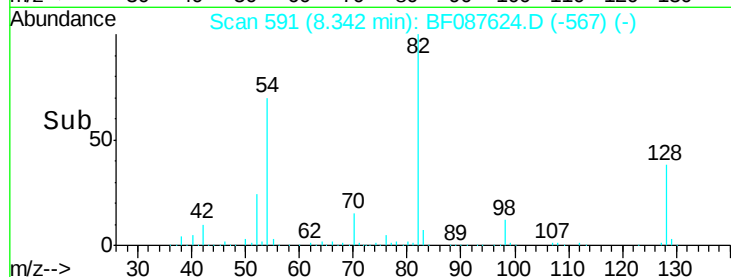
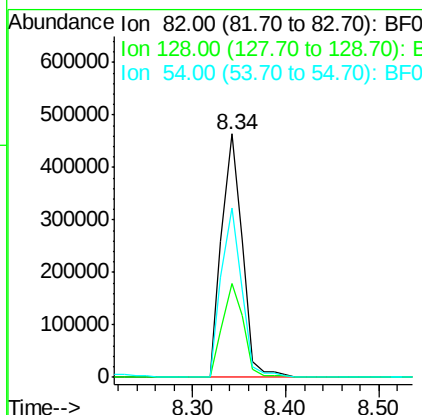
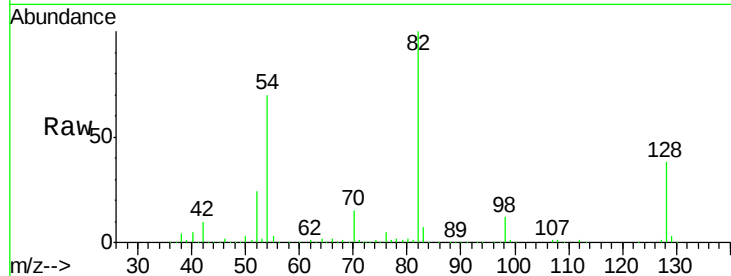
#23
 Nitrobenzene-d5
 Concen: 82.35 ng
 RT: 8.34 min Scan# 591
 Delta R.T. -0.02 min
 Lab File: BF087624.D
 Acq: 1 Jun 2016 19:08

Instrument :
 BNA_F
 ClientSampleId :
 PB91016BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.4	40.6	61.0#
54	69.7	38.1	57.1#

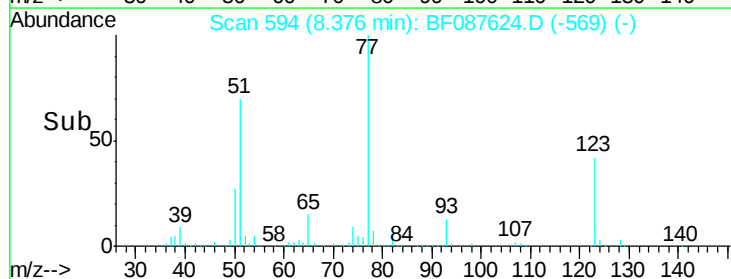
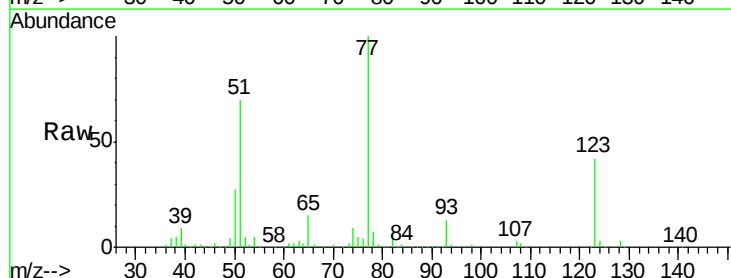
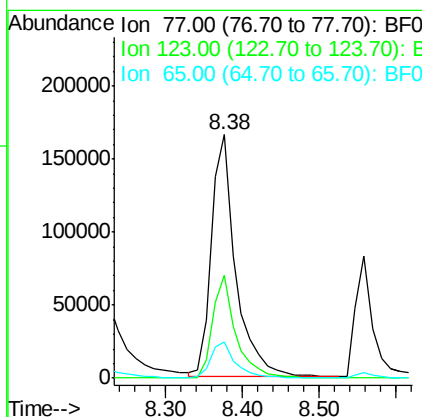
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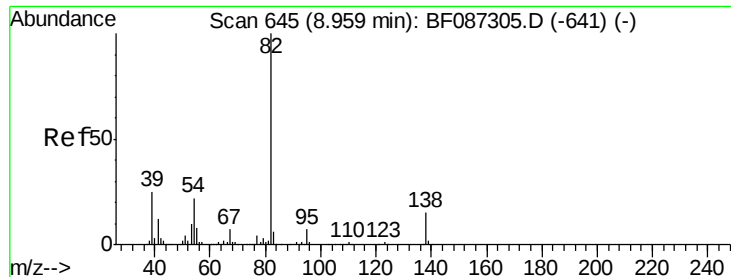
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#24
 Nitrobenzene
 Concen: 39.22 ng
 RT: 8.38 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: BF087624.D
 Acq: 1 Jun 2016 19:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.2	33.0	49.4
65	14.9	10.8	16.2





#25

Isophorone

Concen: 39.79 ng

RT: 8.76 min Scan# 628

Delta R.T. -0.02 min

Lab File: BF087624.D

Acq: 1 Jun 2016 19:08

Instrument :

BNA_F

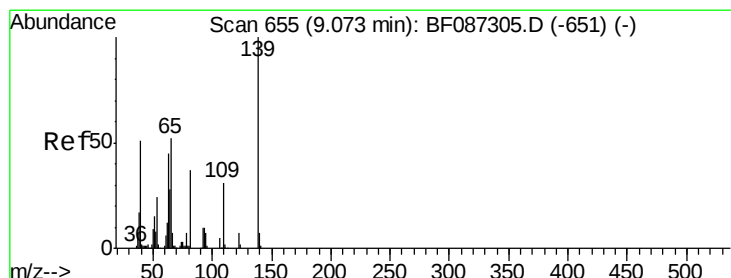
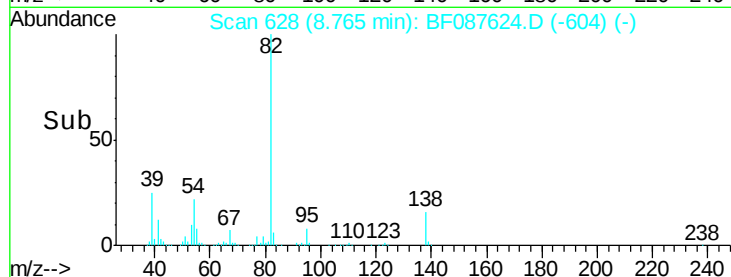
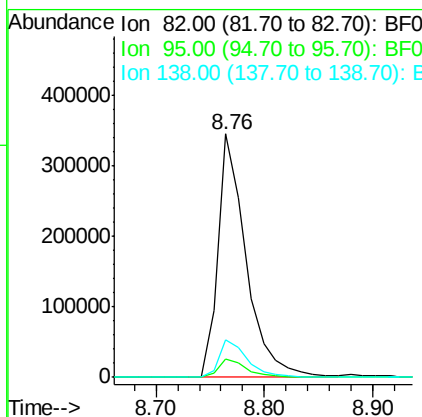
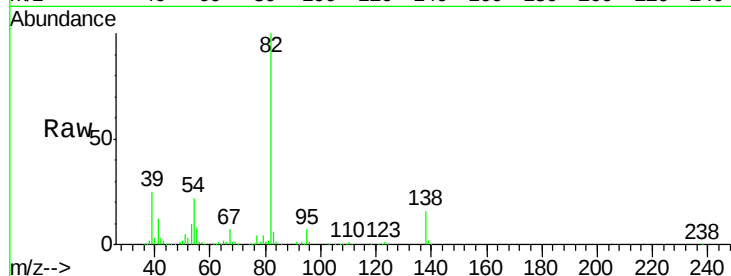
ClientSampleId :

PB91016BS

Tot Ion:	82	Resp:	624029
Ion Ratio		Lower	Upper
82	100		
95	7.5	5.1	7.7
138	15.5	12.4	18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.66 ng

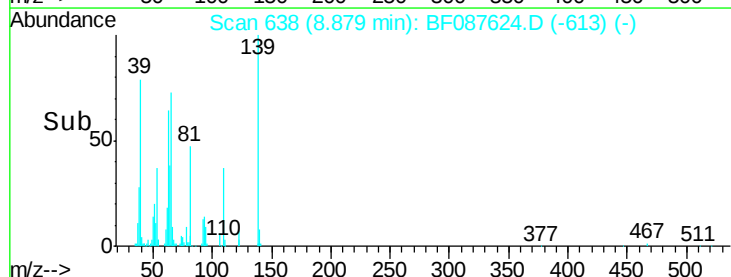
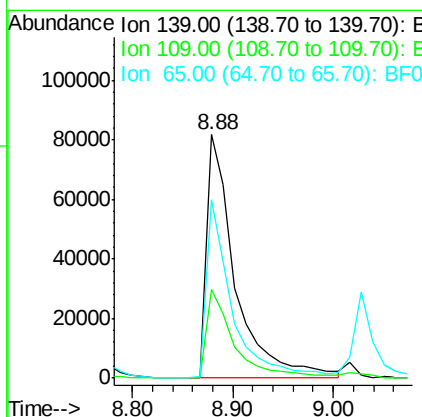
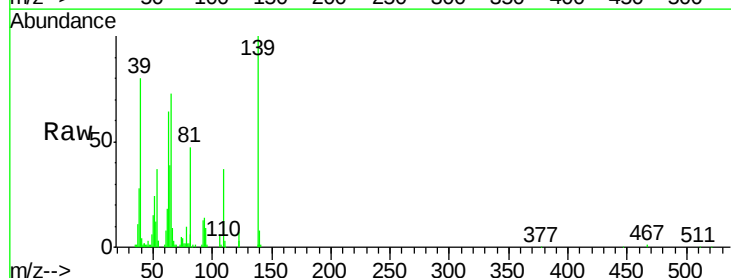
RT: 8.88 min Scan# 638

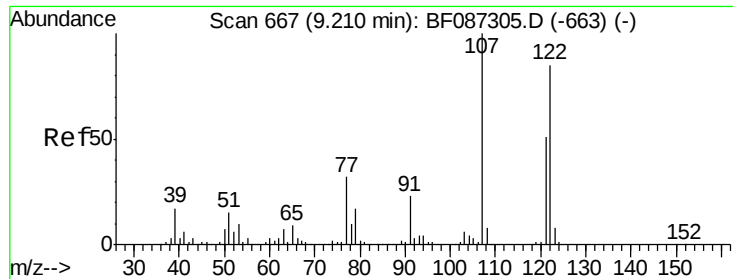
Delta R.T. -0.01 min

Lab File: BF087624.D

Acq: 1 Jun 2016 19:08

Tgt Ion:	139	Resp:	160993
Ion Ratio		Lower	Upper
139	100		
109	36.7	19.5	29.3#
65	73.5	37.5	56.3#





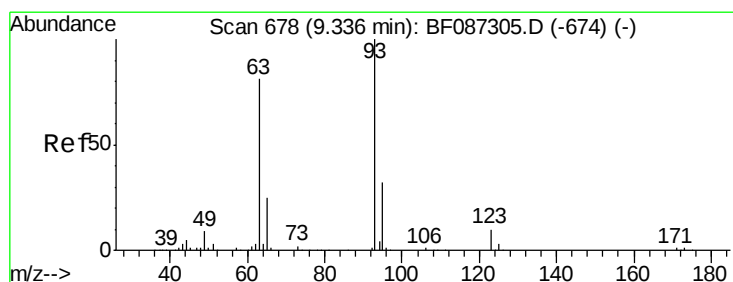
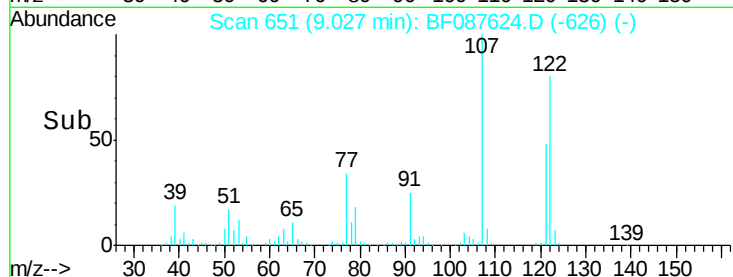
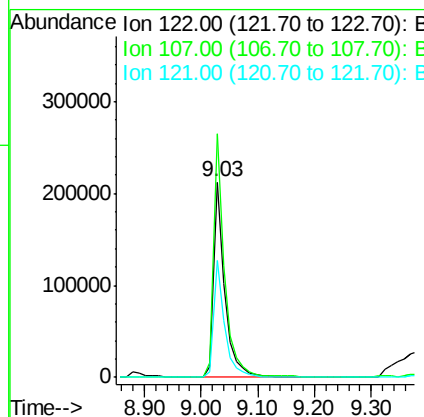
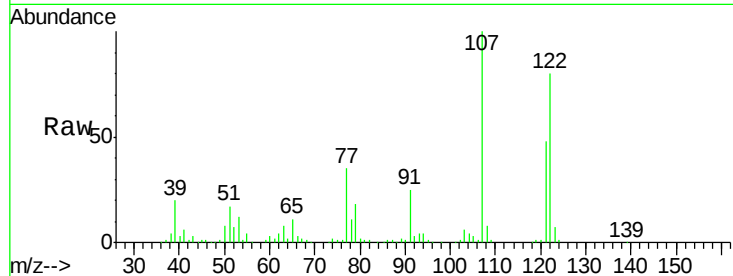
#27
2,4-Dimethylphenol
Concen: 42.76 ng
RT: 9.03 min Scan# 651
Delta R.T. -0.01 min
Lab File: BF087624.D
Acq: 1 Jun 2016 19:08

Instrument :
BNA_F
ClientSampleId :
PB91016BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	280082		
107	124.8	82.0	123.0#	
121	59.9	46.1	69.1	

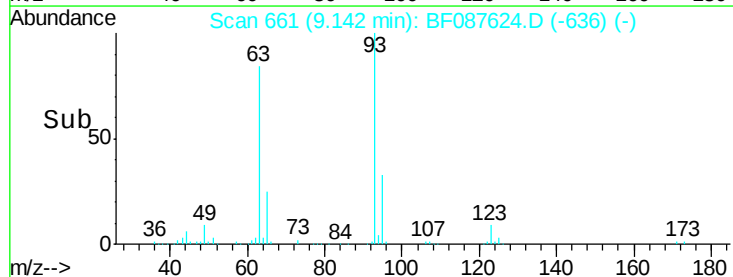
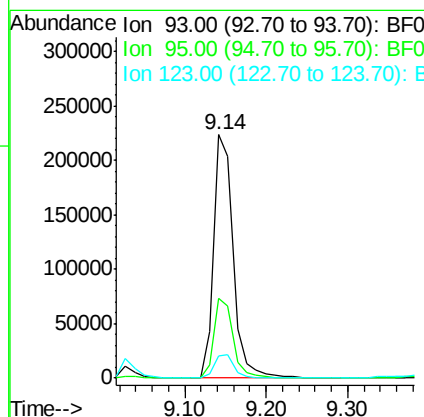
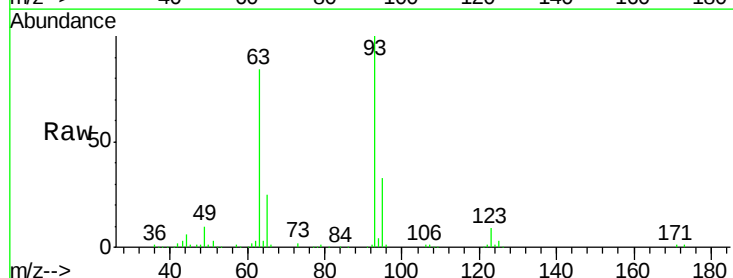
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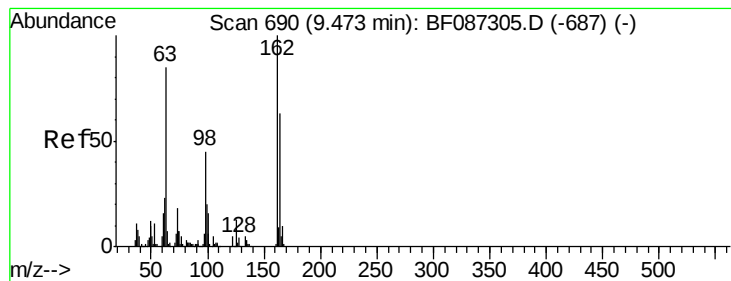
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#28
bis(2-Chloroethoxy)methane
Concen: 42.64 ng
RT: 9.14 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF087624.D
Acq: 1 Jun 2016 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	376691		
95	32.5	26.0	39.0	
123	9.3	9.5	14.3#	





#29

2,4-Dichlorophenol

Concen: 42.55 ng

RT: 9.31 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF087624.D

Acq: 1 Jun 2016 19:08

Instrument :

BNA_F

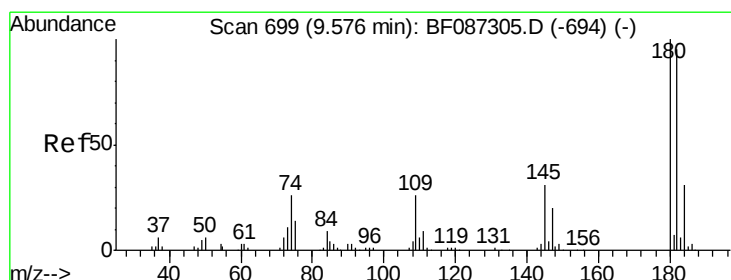
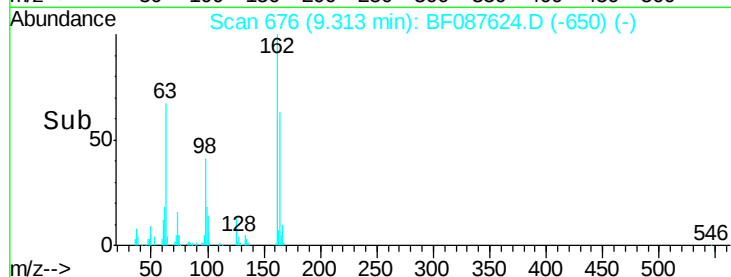
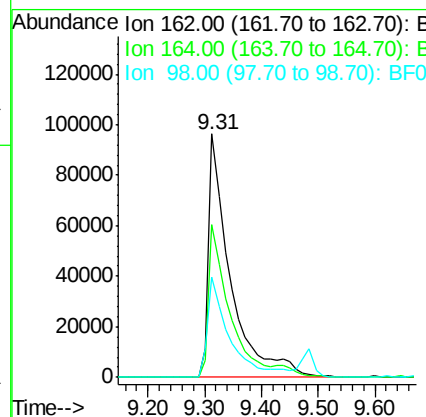
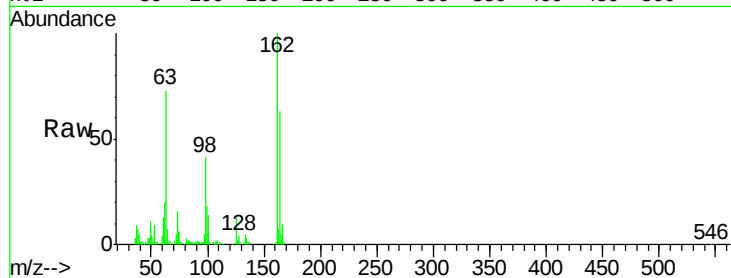
ClientSampleId :

PB91016BS

Tot Ion:	162	Resp:	251181
Ion Ratio	Lower	Upper	
162	100		
164	62.5	42.2	82.2
98	41.1	19.0	59.0

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#30

1,2,4-Trichlorobenzene

Concen: 39.28 ng

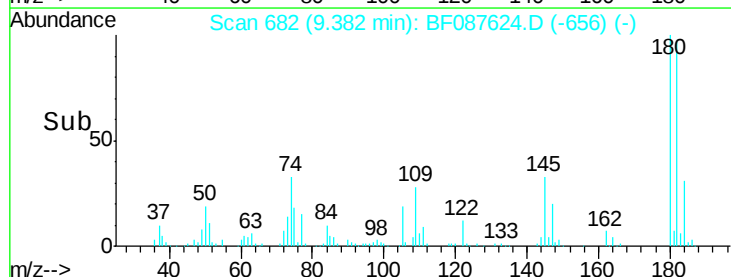
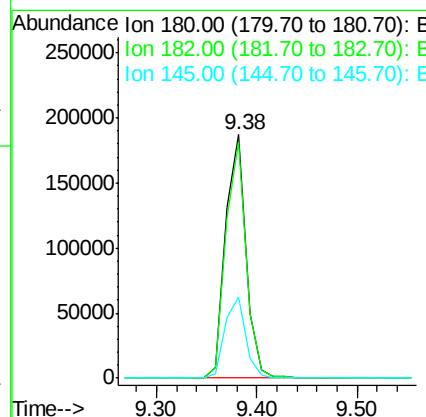
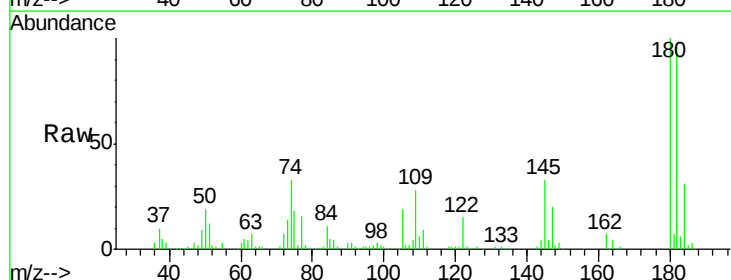
RT: 9.38 min Scan# 682

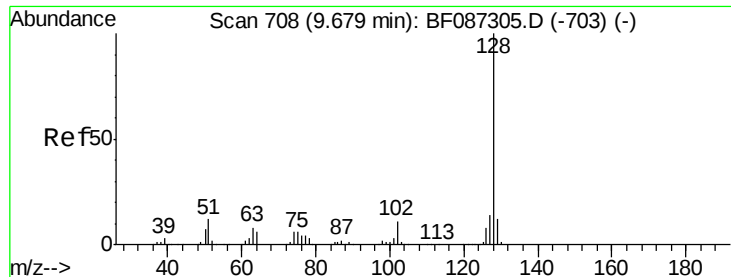
Delta R.T. 0.00 min

Lab File: BF087624.D

Acq: 1 Jun 2016 19:08

Tgt Ion:	180	Resp:	265465
Ion Ratio	Lower	Upper	
180	100		
182	97.1	78.0	117.0
145	33.1	24.2	36.2





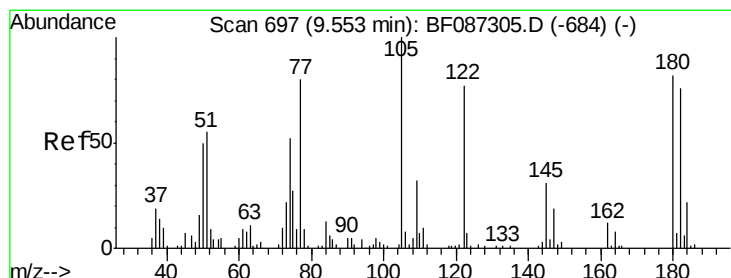
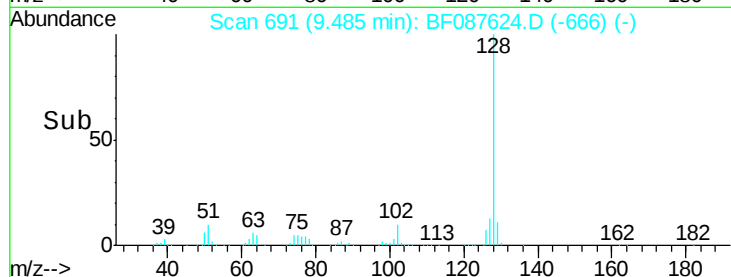
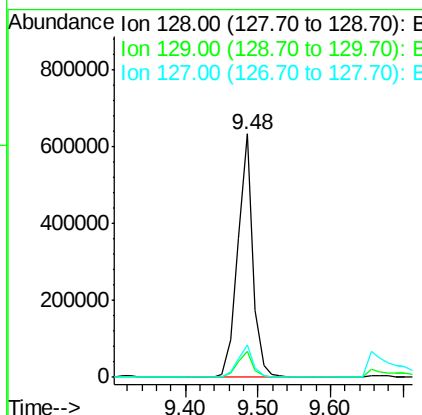
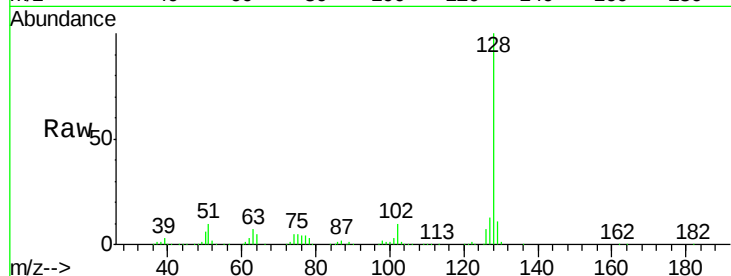
#31
Naphthalene
Concen: 40.89 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF087624.D
Acq: 1 Jun 2016 19:08

Instrument :
BNA_F
ClientSampleId :
PB91016BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	903138		
129	10.8		8.6	13.0
127	13.3		10.8	16.2

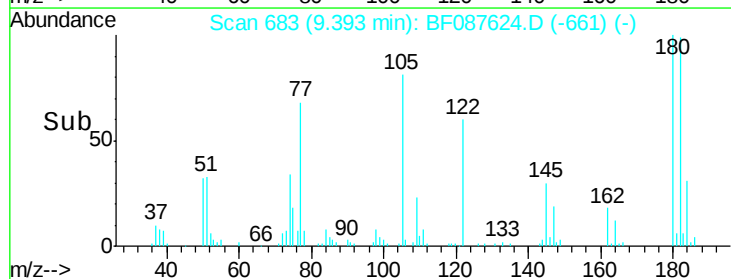
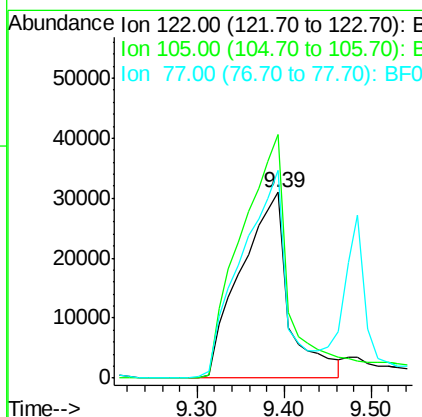
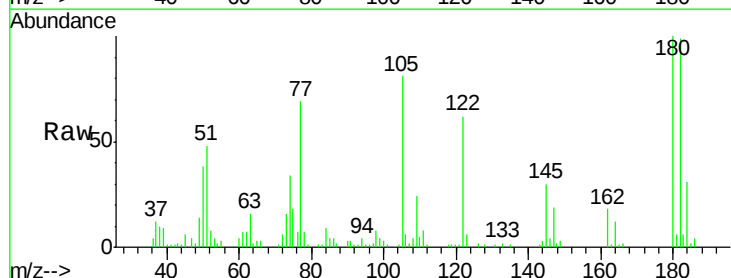
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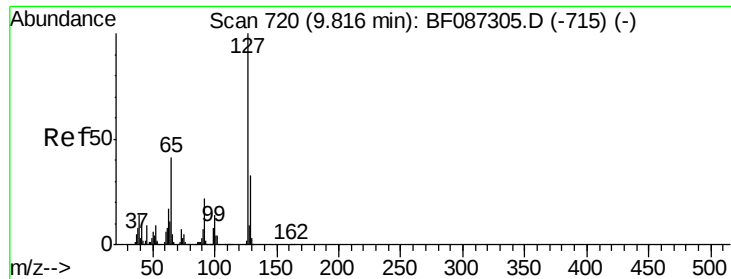
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#32
Benzoic acid
Concen: 36.96 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.05 min
Lab File: BF087624.D
Acq: 1 Jun 2016 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	119547		
105	131.0		92.6	132.6
77	111.7		60.0	100.0#





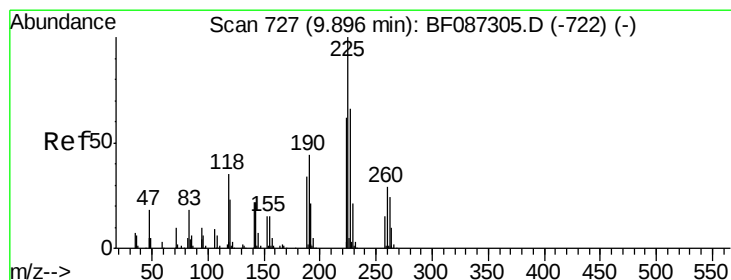
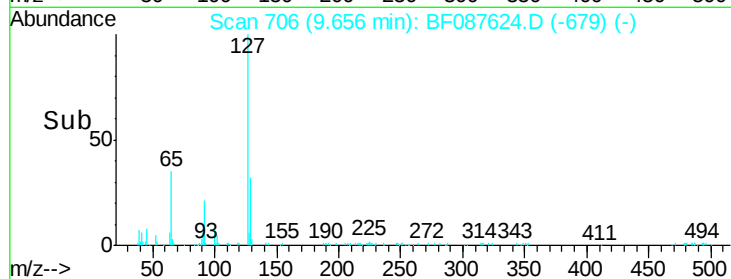
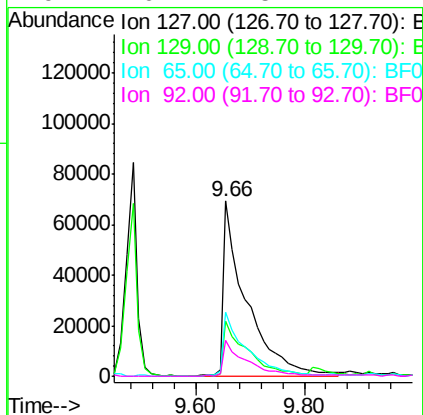
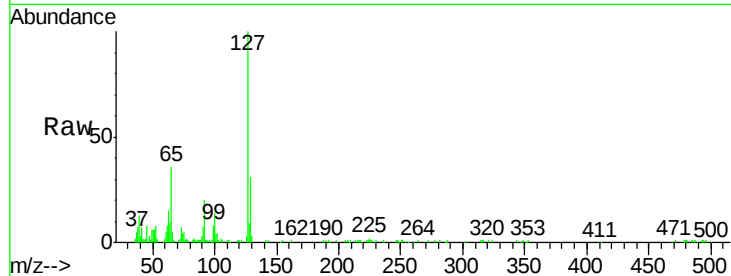
#33
4-Chloroaniline
Concen: 25.29 ng
RT: 9.66 min Scan# 706
Delta R.T. 0.01 min
Lab File: BF087624.D
Acq: 1 Jun 2016 19:08

Instrument :
BNA_F
ClientSampleId :
PB91016BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.3	26.2	39.4		
65	36.2	23.0	34.4		
92	20.4	15.1	22.7		

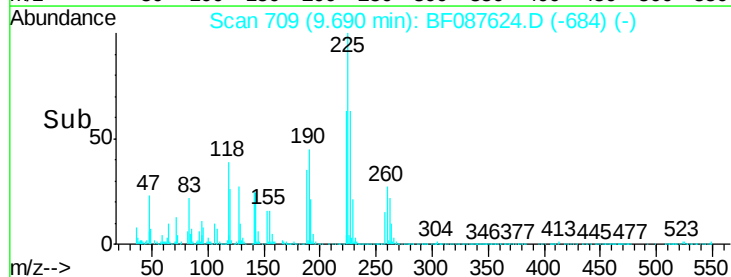
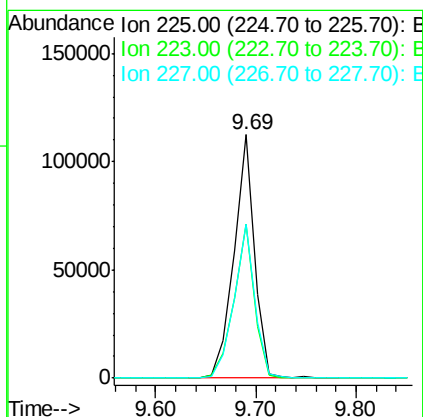
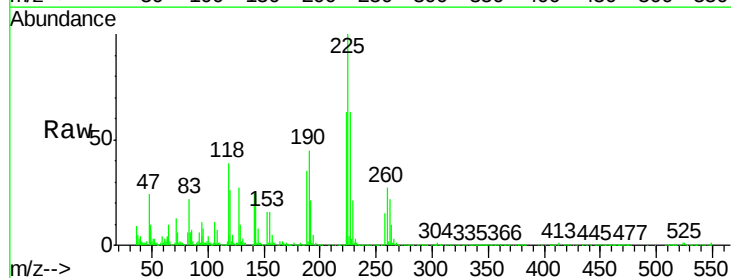
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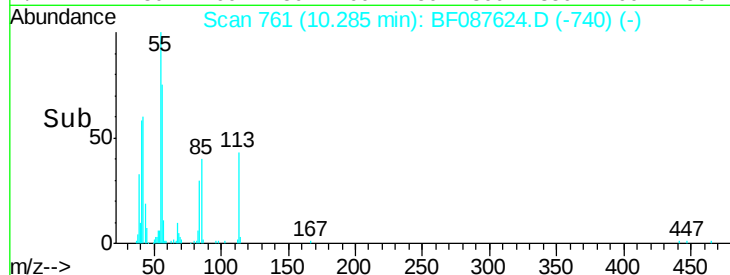
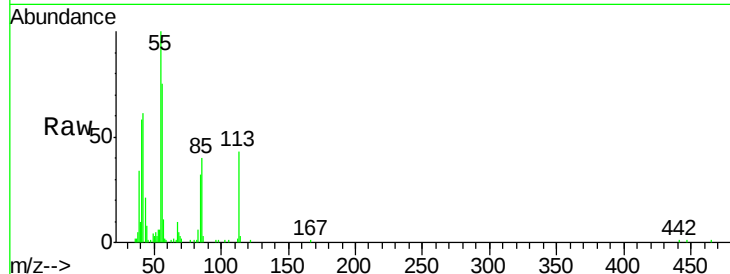
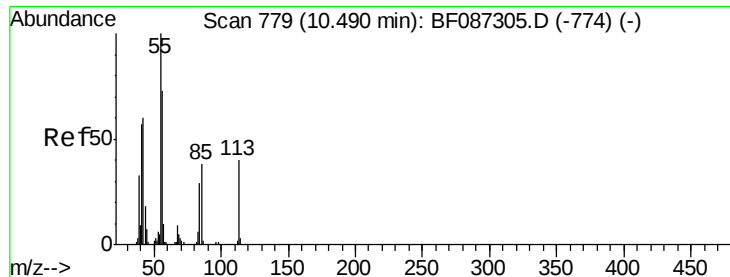
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#34
Hexachlorobutadiene
Concen: 38.76 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.01 min
Lab File: BF087624.D
Acq: 1 Jun 2016 19:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.4	51.5	77.3		
227	63.3	52.2	78.2		





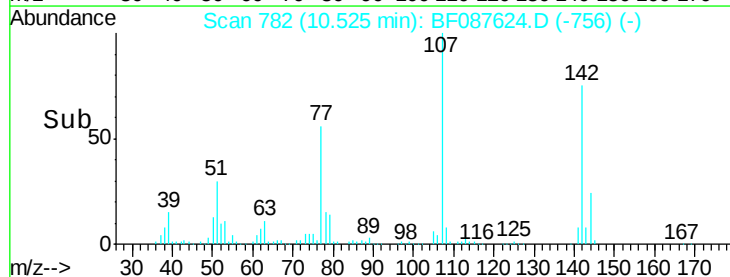
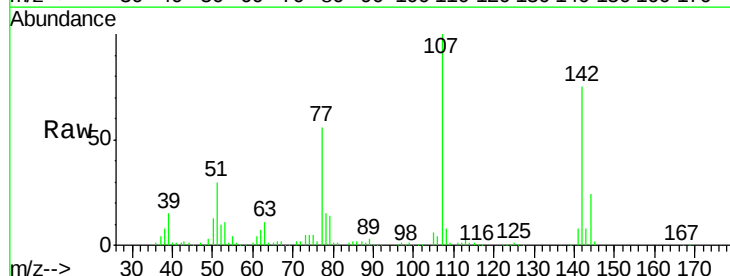
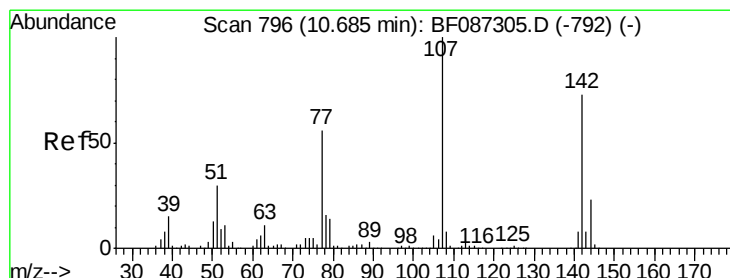
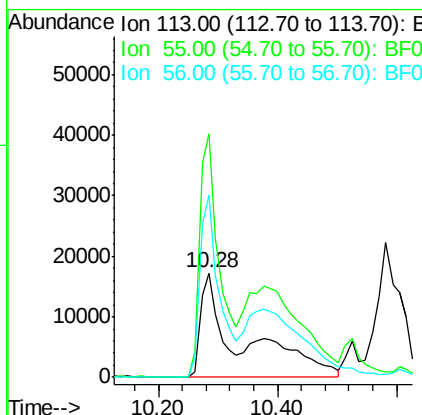
#35
Caprolactam
Concen: 46.89 ng/ml
RT: 10.28 min Scan# 761
Delta R.T. -0.06 min
Lab File: BF087624.D
Acq: 1 Jun 2016 19:08

Tot Ion	Ratio	Lower	Upper
113	100		
55	232.6	162.0	202.0#
56	173.6	115.3	155.3#

Instrument :
BNA_F
ClientSampleId :
PB91016BS

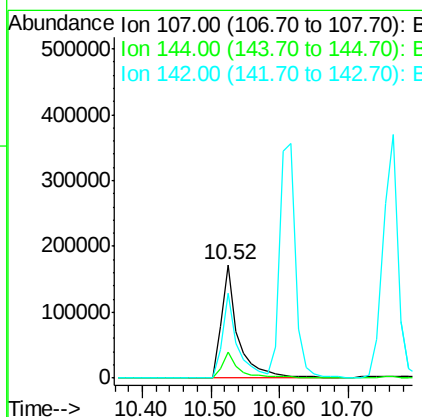
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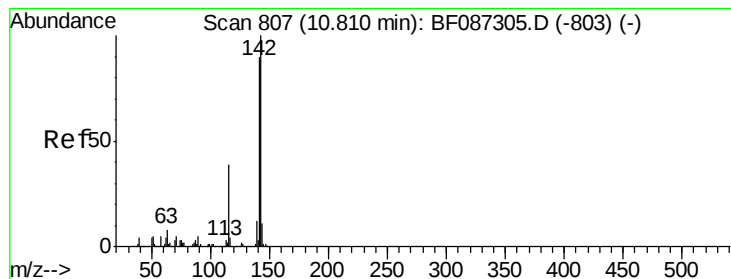
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#36
4-Chloro-3-methylphenol
Concen: 44.18 ng/ml
RT: 10.52 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF087624.D
Acq: 1 Jun 2016 19:08

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.5	20.7	31.1
142	74.9	63.2	94.8





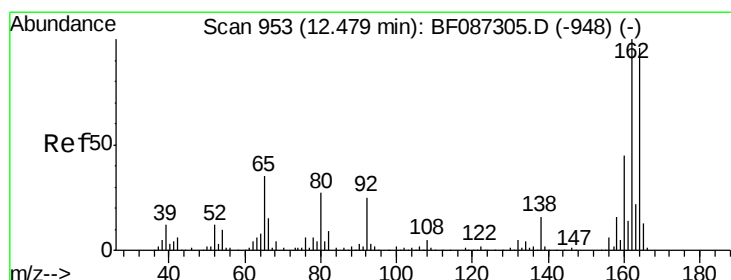
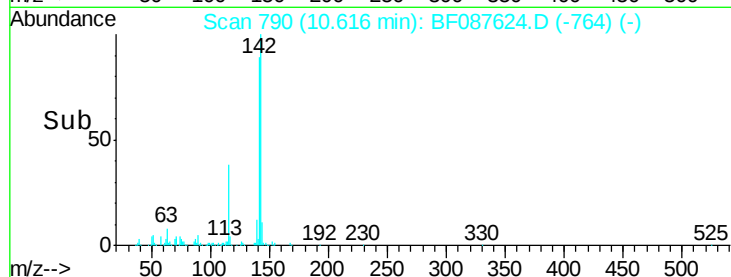
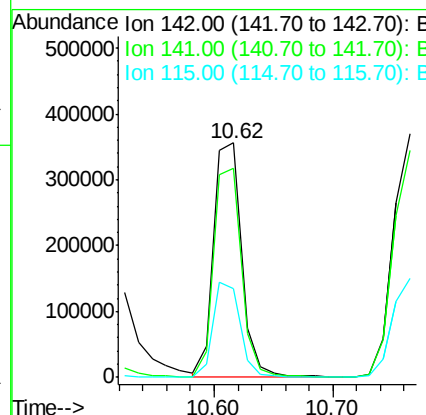
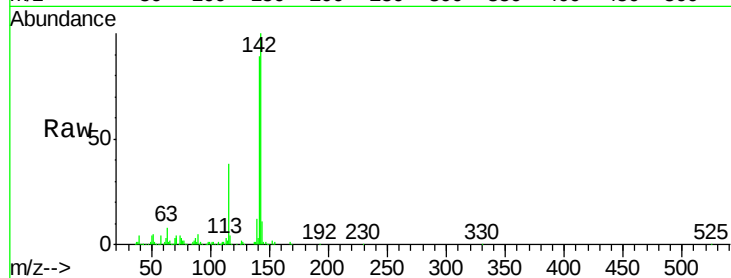
#37
2-Methylnaphthalene
Concen: 42.21 ng
RT: 10.62 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF087624.D
Acq: 1 Jun 2016 19:08

Instrument :
BNA_F
ClientSampleId :
PB91016BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.0	106.6
115	37.6	26.6	39.8

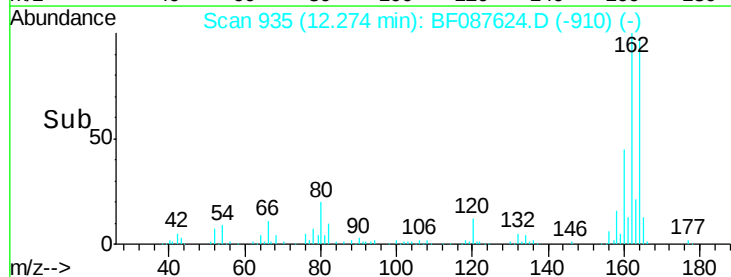
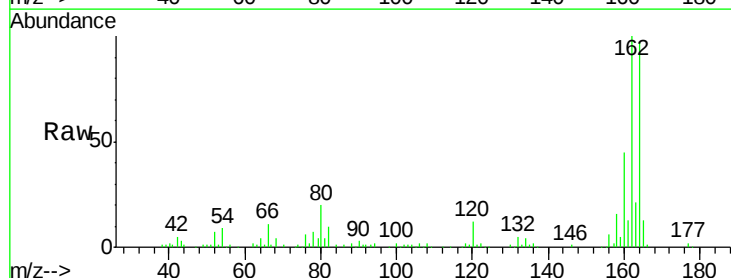
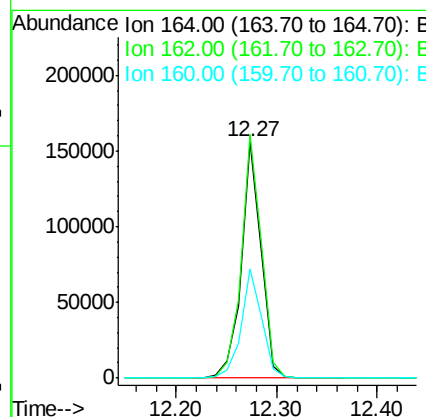
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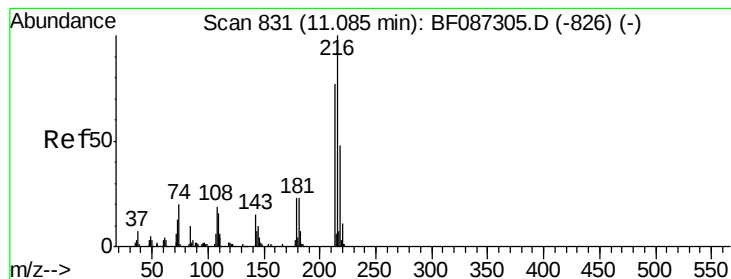
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.27 min Scan# 935
Delta R.T. -0.01 min
Lab File: BF087624.D
Acq: 1 Jun 2016 19:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.8	124.2
160	46.1	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.82 ng

RT: 10.89 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF087624.D

Acq: 1 Jun 2016 19:08

Instrument :

BNA_F

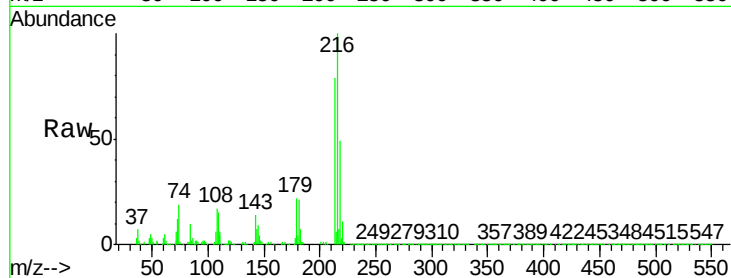
ClientSampleId :

PB91016BS

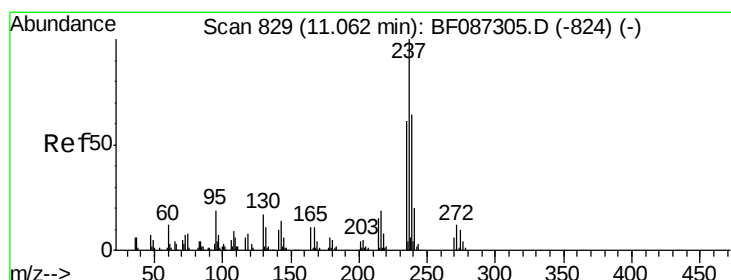
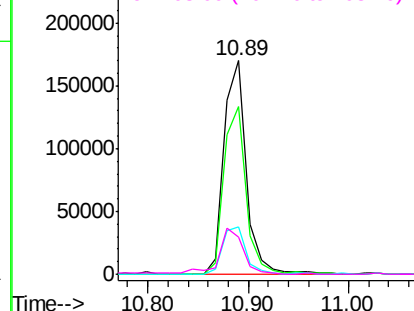
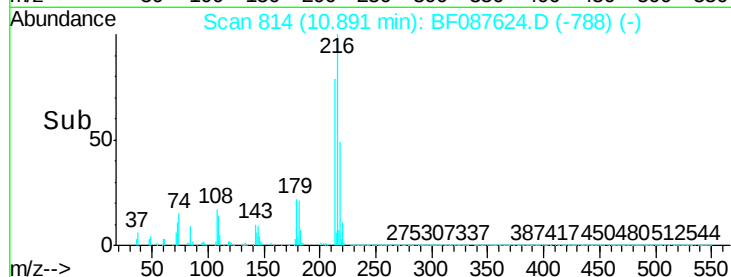
Tot Ion	Ratio	Lower	Upper
216	100		
214	79.2	62.6	93.8
179	23.1	18.2	27.4
108	22.6	17.5	26.3

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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 50.95 ng

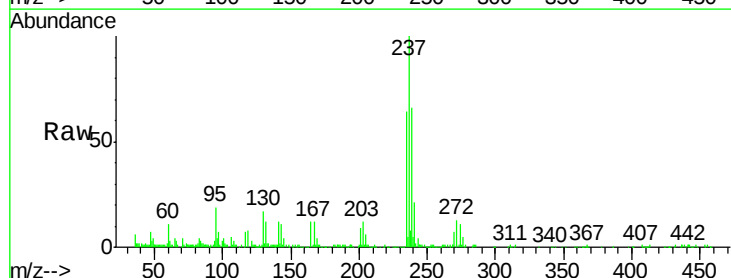
RT: 10.86 min Scan# 811

Delta R.T. 0.00 min

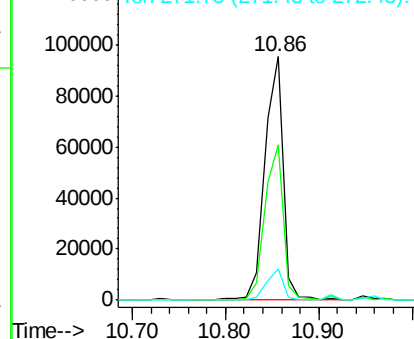
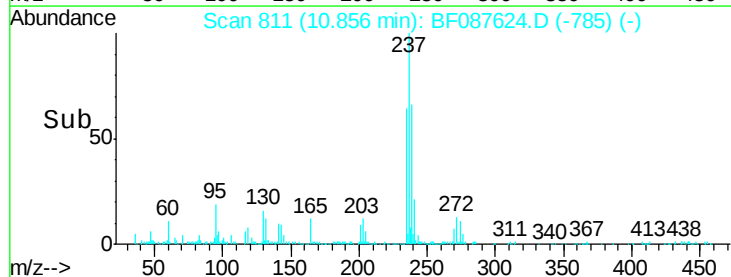
Lab File: BF087624.D

Acq: 1 Jun 2016 19:08

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.6	47.2	87.2
272	12.8	0.0	31.1



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 129.00 ng

RT: 13.58 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF087624.D

Acq: 1 Jun 2016 19:08

Instrument :

BNA_F

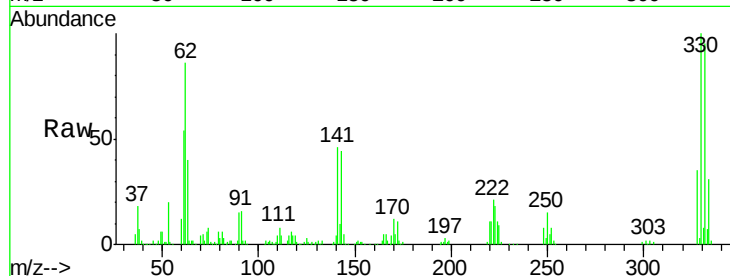
ClientSampleId :

PB91016BS

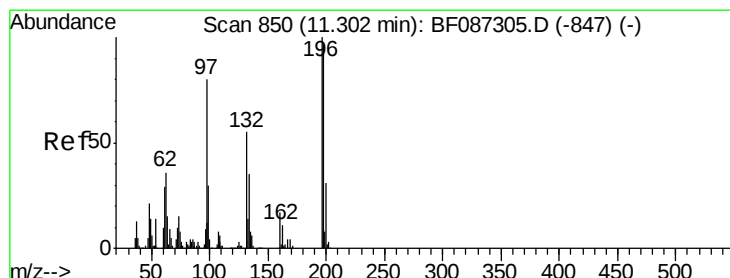
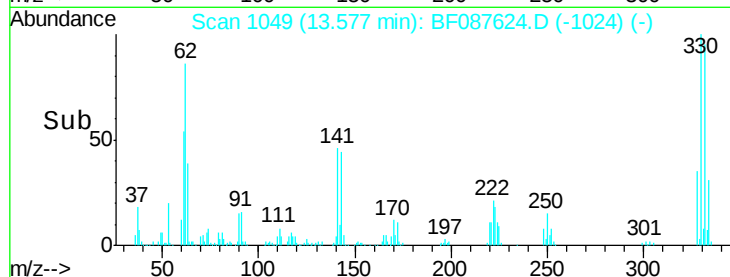
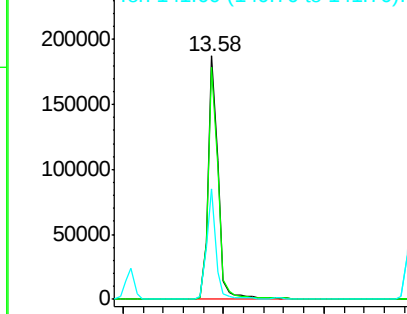
Tot Ion:	330	Resp:	262021
Ion Ratio	Lower	Upper	
330	100		
332	96.2	79.0	118.4
141	42.2	31.2	46.8

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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: 41.92 ng

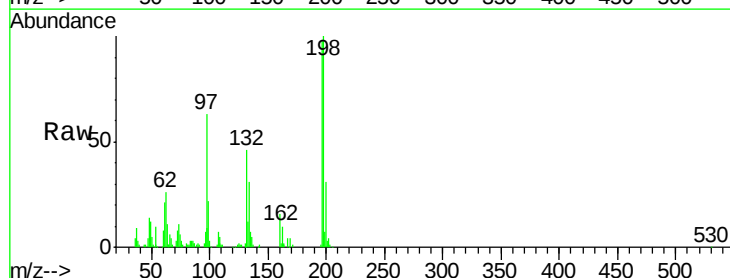
RT: 11.13 min Scan# 835

Delta R.T. 0.00 min

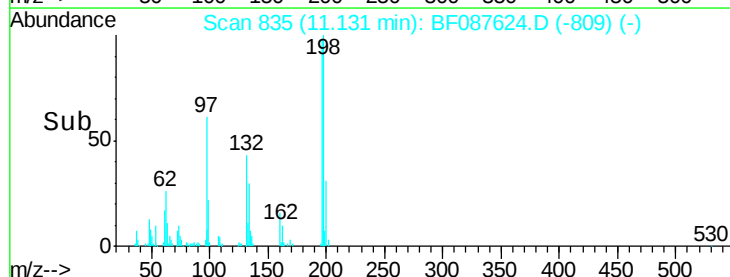
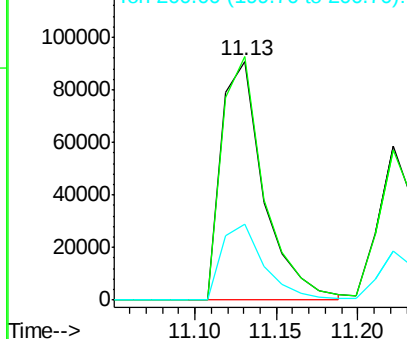
Lab File: BF087624.D

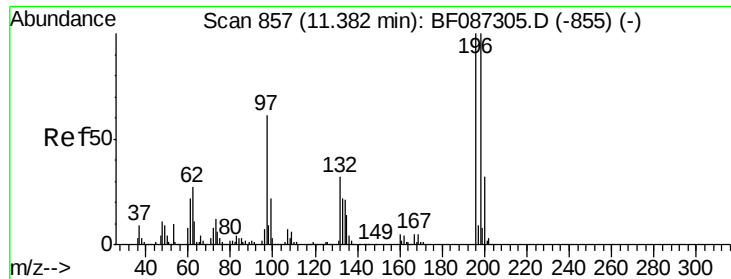
Acq: 1 Jun 2016 19:08

Tgt Ion:	196	Resp:	163722
Ion Ratio	Lower	Upper	
196	100		
198	102.1	74.7	112.1
200	31.7	23.8	35.6



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





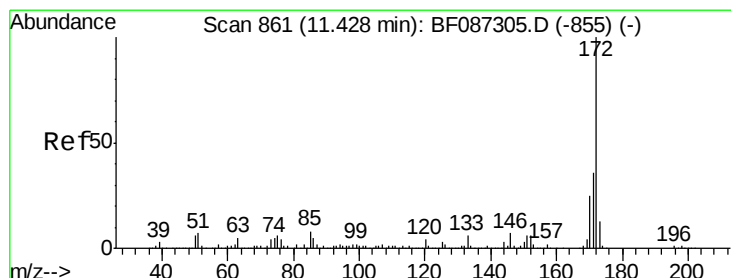
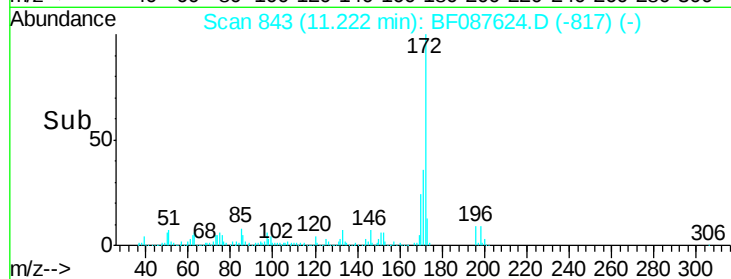
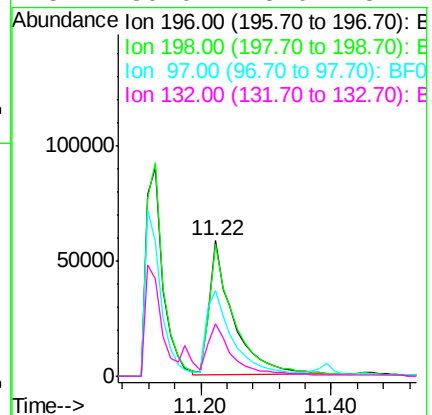
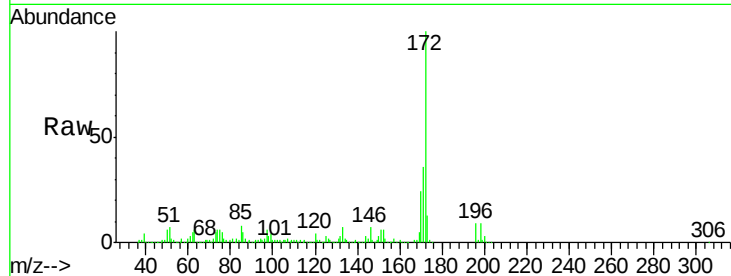
#43
 2,4,5-Trichlorophenol
 Concen: 37.65 ng
 RT: 11.22 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF087624.D
 Acq: 1 Jun 2016 19:08

Instrument :
 BNA_F
 ClientSampleId :
 PB91016BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		149729		
198	97.7	77.5	116.3		
97	63.5	34.8	52.2#		
132	39.0	23.0	34.4#		

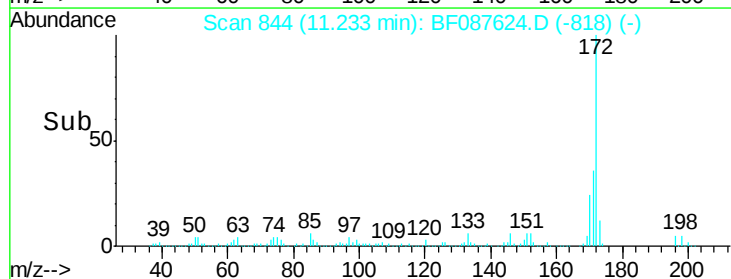
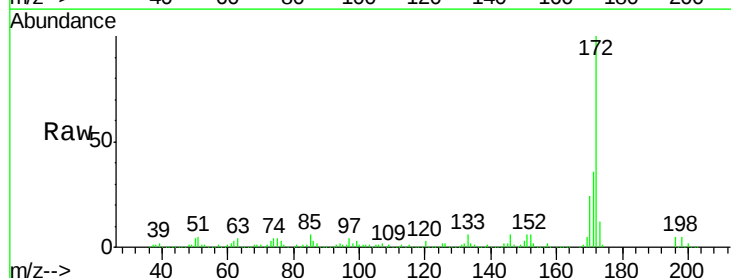
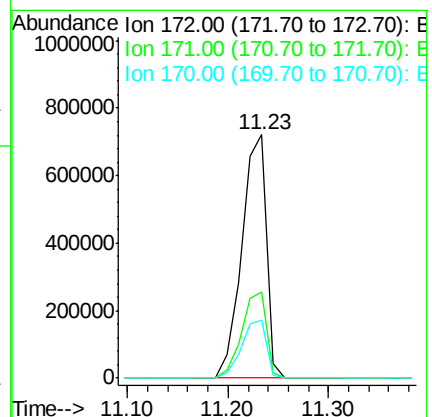
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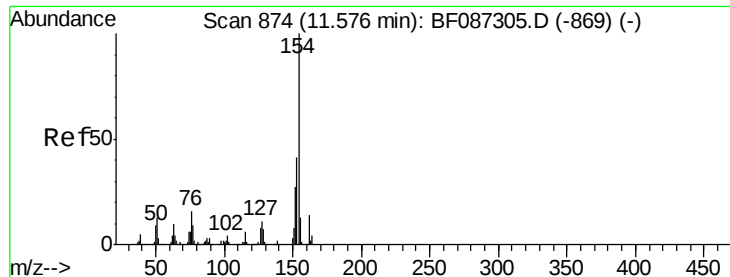
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#44
 2-Fluorobiphenyl
 Concen: 81.60 ng
 RT: 11.23 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BF087624.D
 Acq: 1 Jun 2016 19:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1223323		
171	35.6	29.0	43.6		
170	24.0	19.8	29.8		





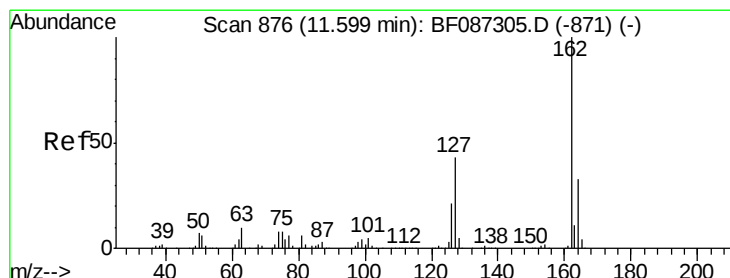
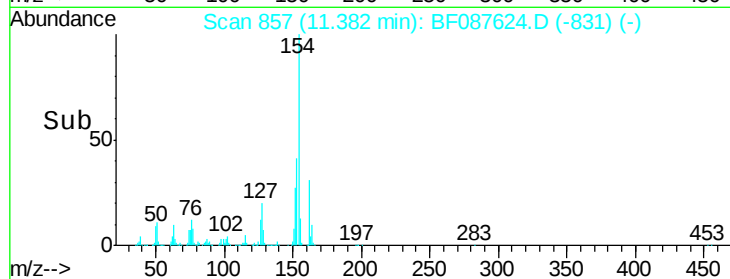
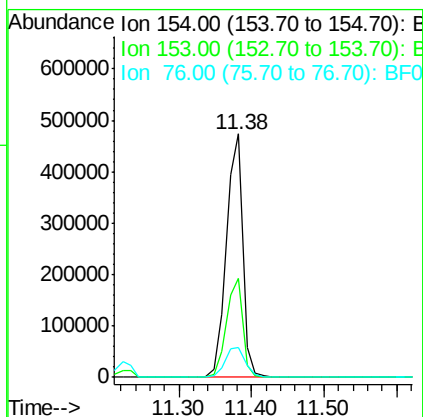
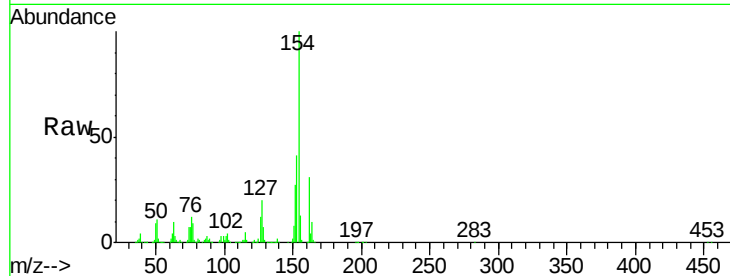
#45
 1,1'-Biphenyl
 Concen: 41.67 ng
 RT: 11.38 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF087624.D
 Acq: 1 Jun 2016 19:08

Instrument :
 BNA_F
 ClientSampleId :
 PB91016BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.3	60.3
76	12.4	0.0	30.2

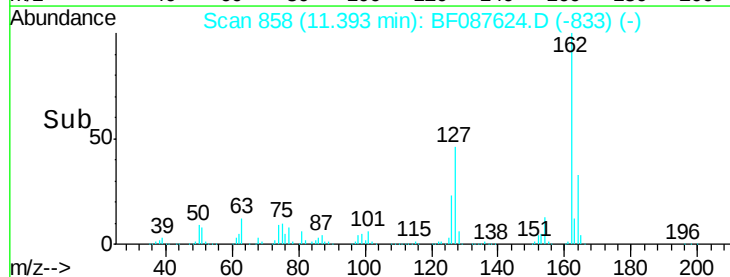
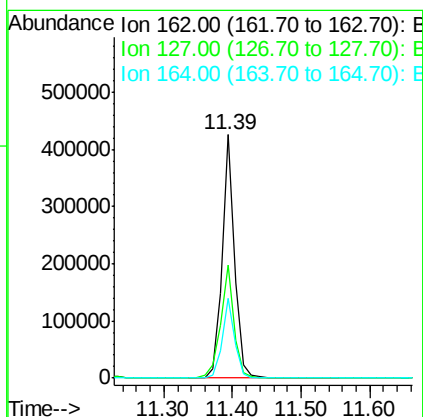
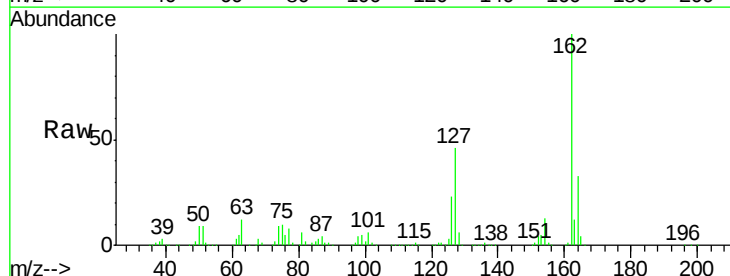
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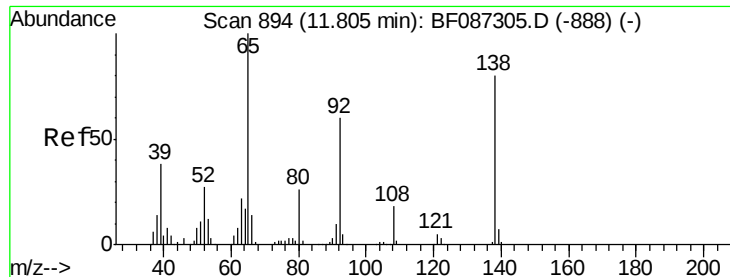
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#46
 2-Chloronaphthalene
 Concen: 39.94 ng
 RT: 11.39 min Scan# 858
 Delta R.T. -0.01 min
 Lab File: BF087624.D
 Acq: 1 Jun 2016 19:08

Tgt Ion	Ratio	Lower	Upper
162	100		
127	46.2	31.8	47.6
164	33.0	27.0	40.6





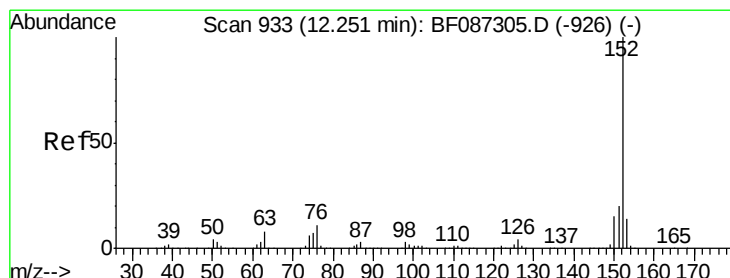
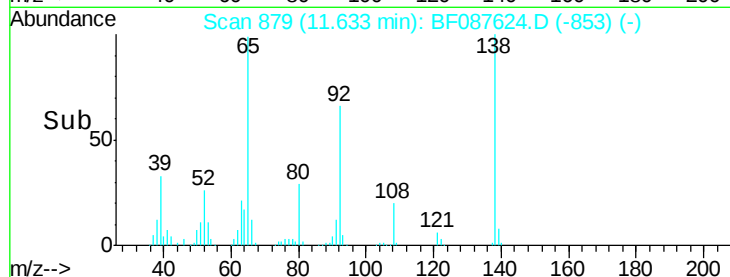
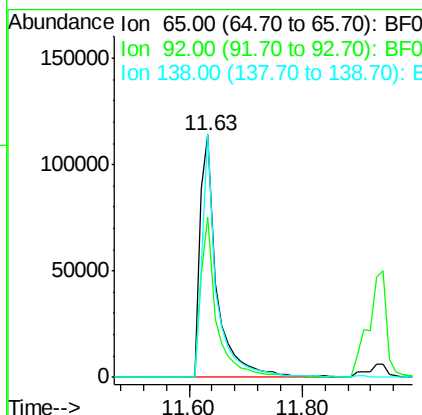
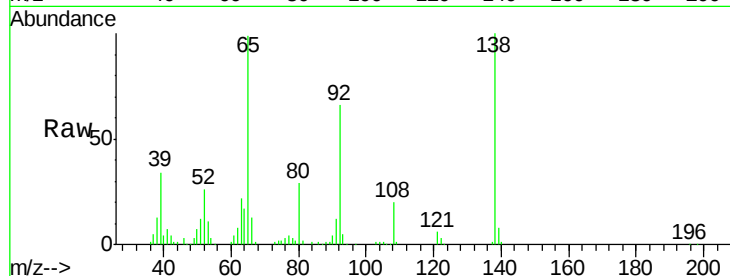
#47
2-Nitroaniline
Concen: 46.41 ng
RT: 11.63 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF087624.D
Acq: 1 Jun 2016 19:08

Instrument :
BNA_F
ClientSampleId :
PB91016BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.3	57.4	86.2
138	100.5	90.1	135.1

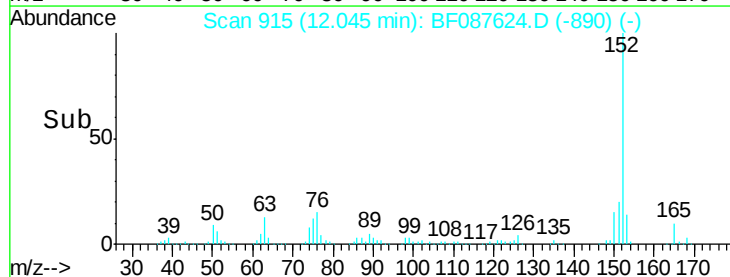
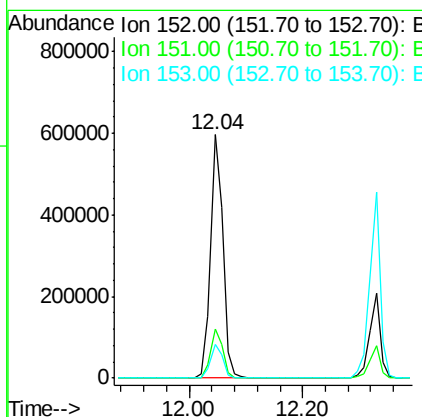
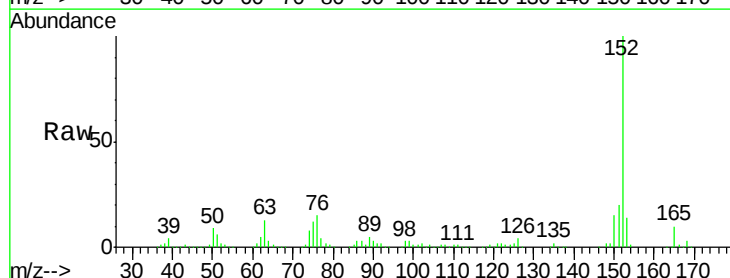
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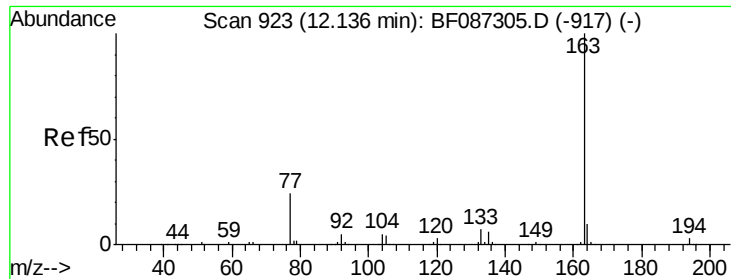
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#48
Acenaphthylene
Concen: 40.33 ng
RT: 12.04 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF087624.D
Acq: 1 Jun 2016 19:08

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.8	25.2
153	13.8	10.9	16.3





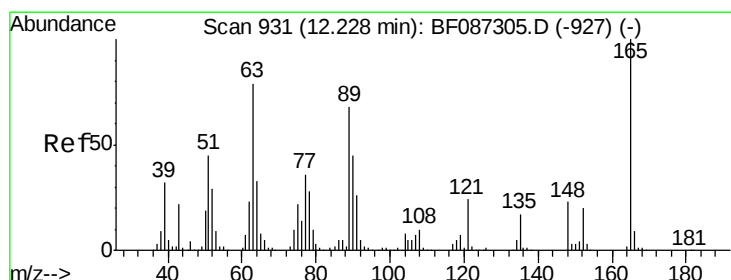
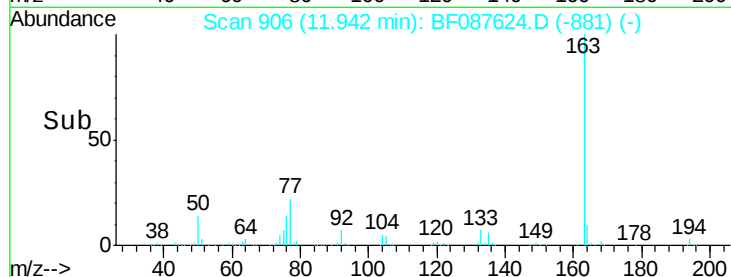
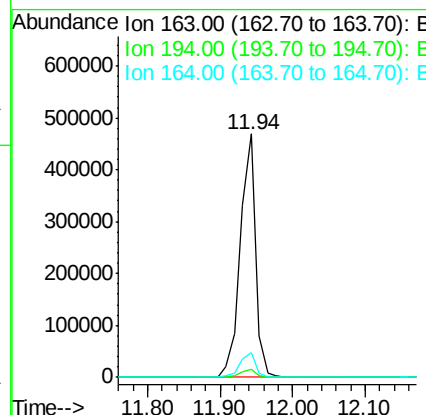
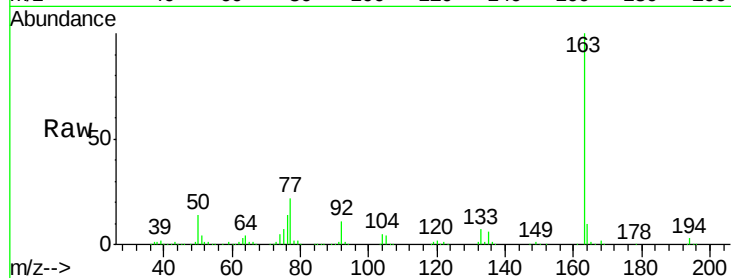
#49
Dimethylphthalate
Concen: 40.61 ng
RT: 11.94 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF087624.D
Acq: 1 Jun 2016 19:08

Instrument :
BNA_F
ClientSampleId :
PB91016BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	687627		
194	3.2	2.6	4.0	
164	9.9	8.2	12.4	

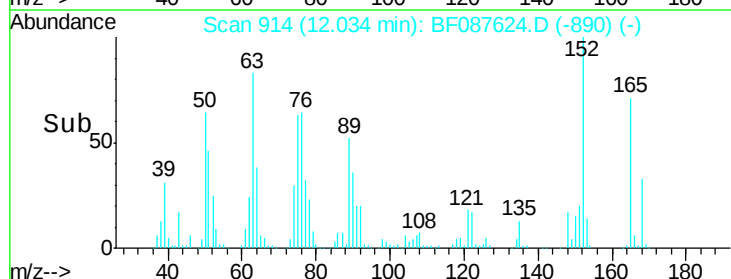
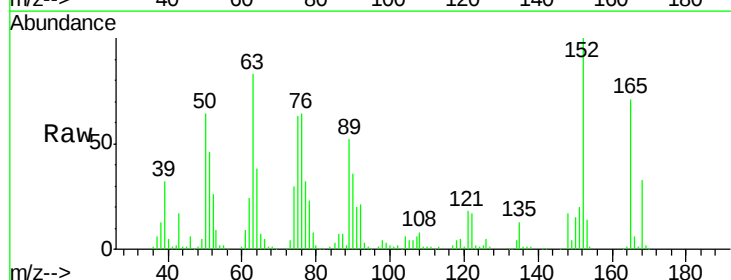
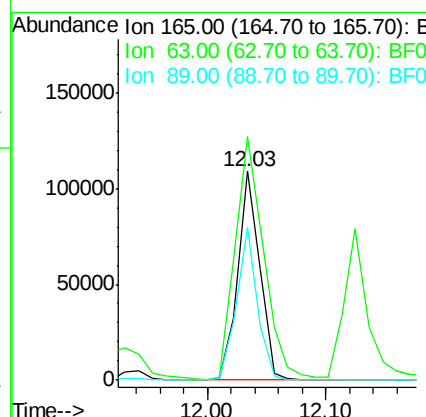
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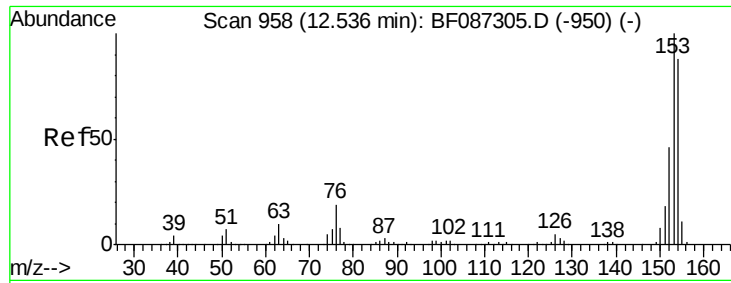
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#50
2,6-Dinitrotoluene
Concen: 41.06 ng
RT: 12.03 min Scan# 914
Delta R.T. -0.02 min
Lab File: BF087624.D
Acq: 1 Jun 2016 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	140082		
63	116.6	51.8	77.8#	
89	73.3	50.7	76.1	





#51

Acenaphthene

Concen: 40.47 ng

RT: 12.33 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF087624.D

Acq: 1 Jun 2016 19:08

Instrument :

BNA_F

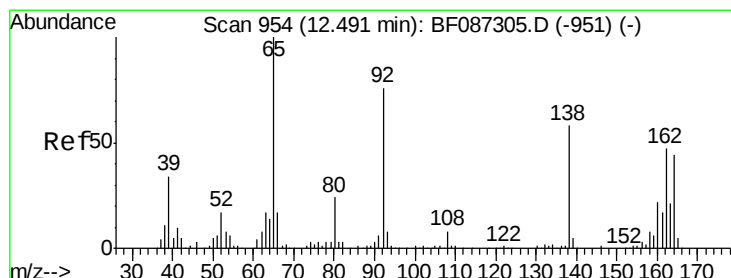
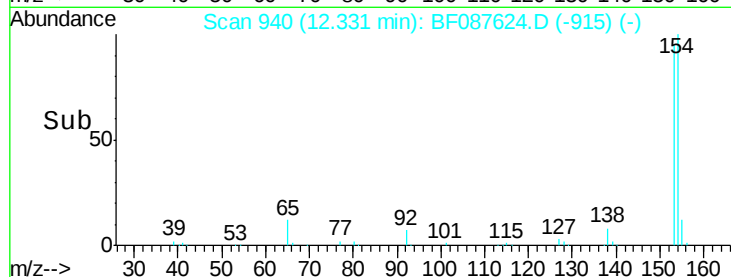
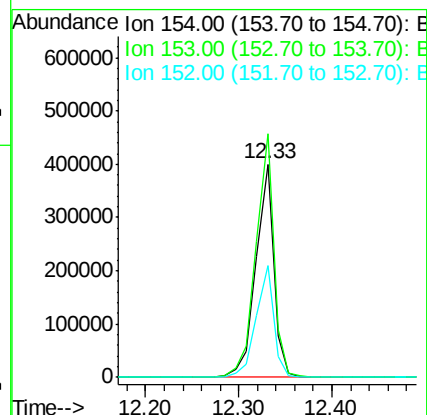
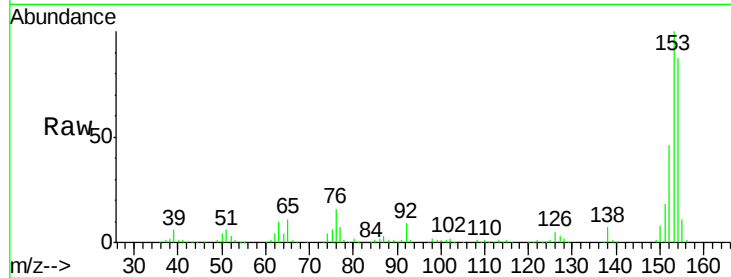
ClientSampleId :

PB91016BS

Tot Ion:	154	Resp:	536177
Ion Ratio	Lower	Upper	
154	100		
153	114.3	89.8	134.6
152	52.3	43.4	65.0

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#52

3-Nitroaniline

Concen: 29.14 ng

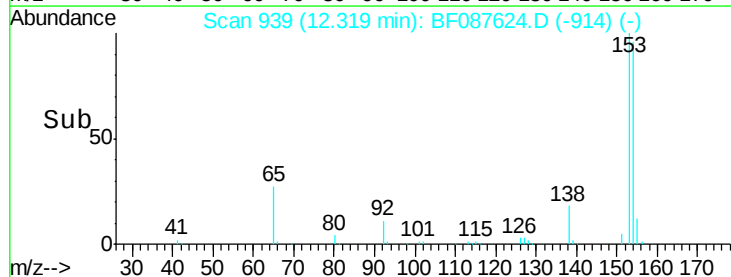
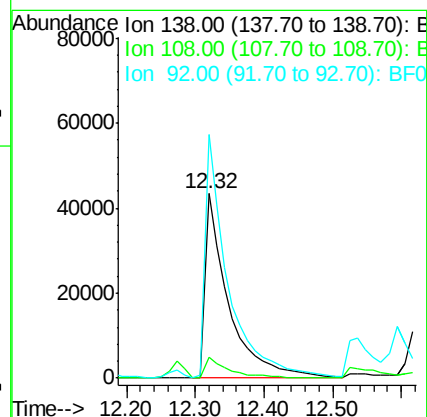
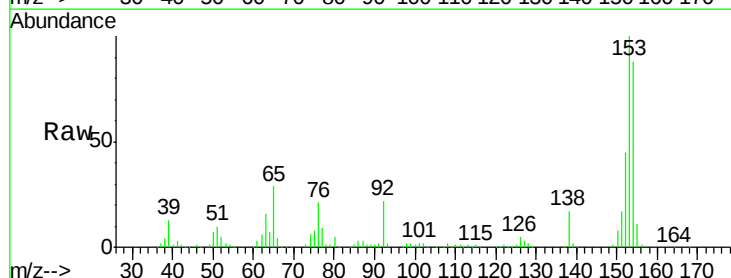
RT: 12.32 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF087624.D

Acq: 1 Jun 2016 19:08

Tgt Ion:	138	Resp:	102037
Ion Ratio	Lower	Upper	
138	100		
108	11.6	7.8	11.6
92	132.0	87.8	131.8#





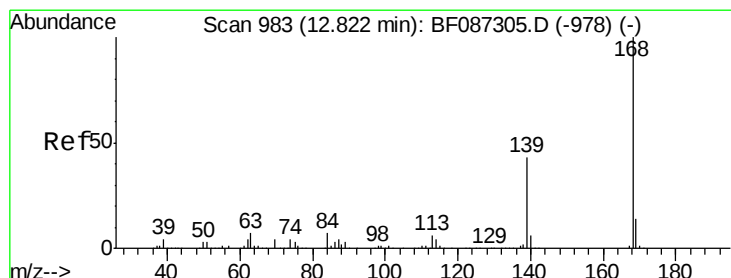
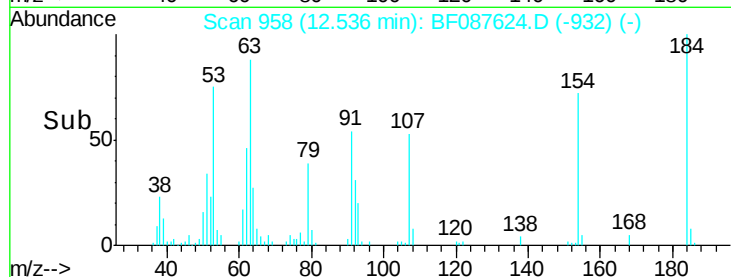
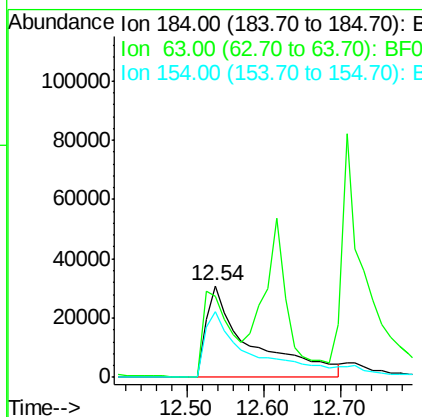
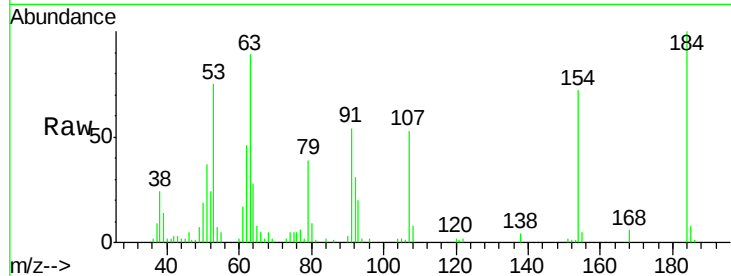
#53
 2,4-Dinitrophenol
 Concen: 71.36 ng
 RT: 12.54 min Scan# 958
 Delta R.T. 0.00 min
 Lab File: BF087624.D
 Acq: 1 Jun 2016 19:08

Instrument :
 BNA_F
 ClientSampleID :
 PB91016BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	123251		
63	89.2	55.8	83.8#	
154	71.7	62.4	93.6	

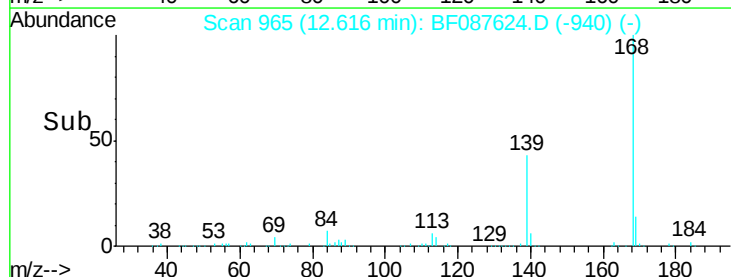
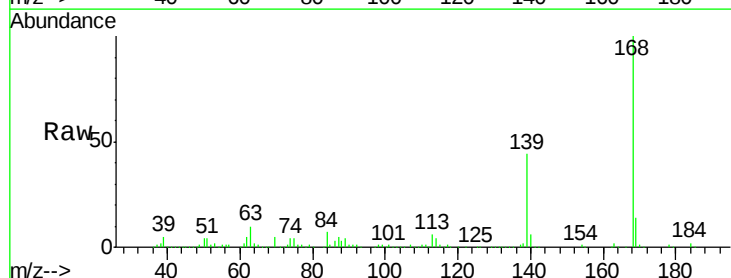
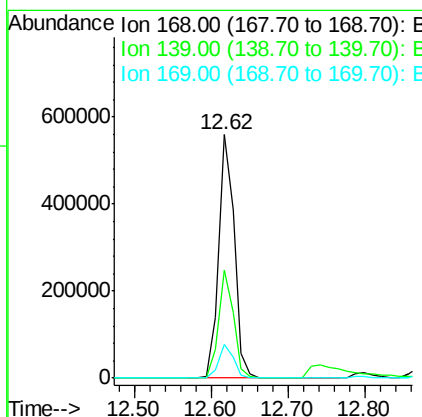
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#54
 Dibenzofuran
 Concen: 44.37 ng
 RT: 12.62 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BF087624.D
 Acq: 1 Jun 2016 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	795854		
139	44.4	31.4	47.0	
169	14.1	10.7	16.1	





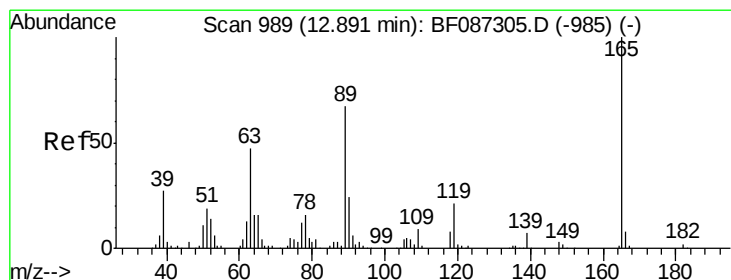
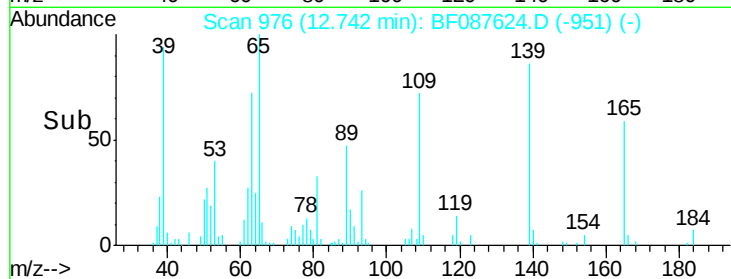
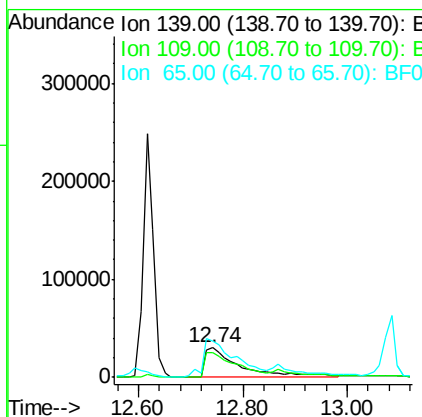
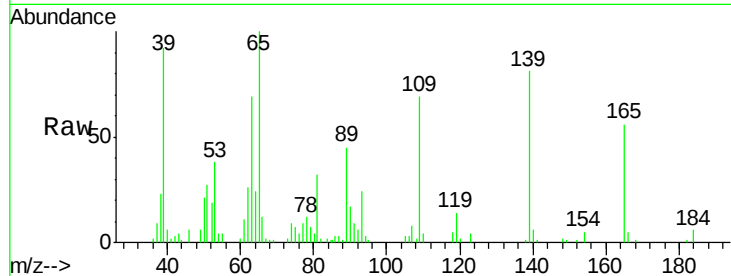
#55
4-Nitrophenol
Concen: 82.49 ng
RT: 12.74 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF087624.D
Acq: 1 Jun 2016 19:08

Instrument :
BNA_F
ClientSampleId :
PB91016BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	84.6	36.9	76.9#	
65	123.1	64.0	104.0#	

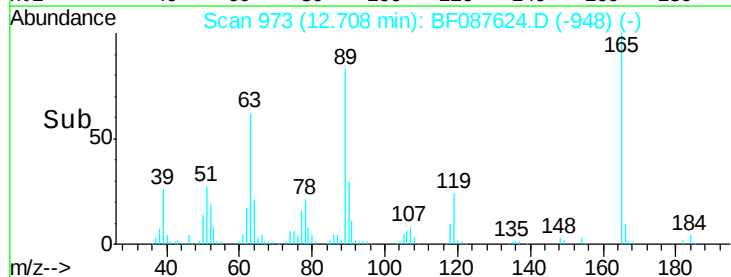
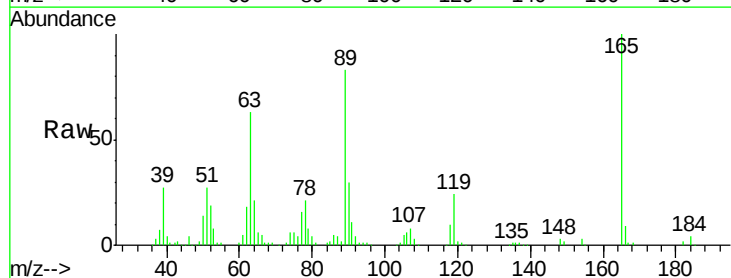
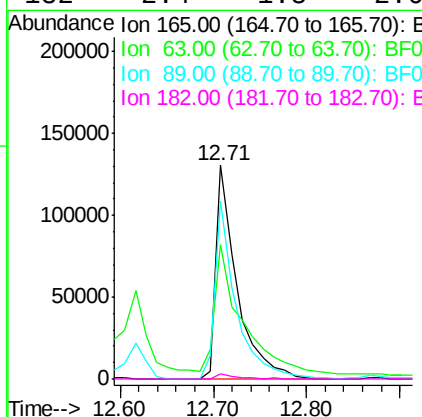
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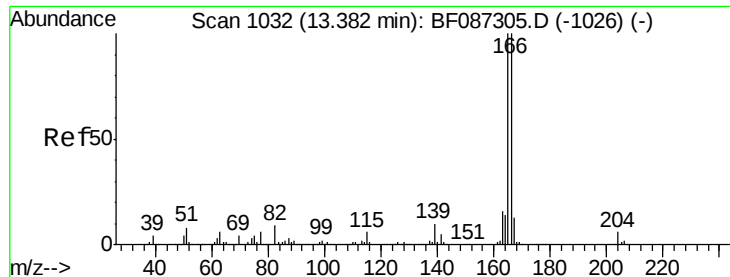
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#56
2,4-Dinitrotoluene
Concen: 44.59 ng
RT: 12.71 min Scan# 973
Delta R.T. -0.01 min
Lab File: BF087624.D
Acq: 1 Jun 2016 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	63.0	44.3	66.5	
89	83.2	70.0	105.0	
182	2.4	1.8	2.6	





#57

Fluorene

Concen: 42.26 ng

RT: 13.18 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF087624.D

Acq: 1 Jun 2016 19:08

Instrument :

BNA_F

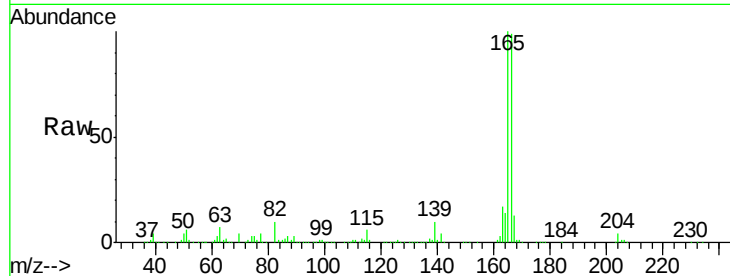
ClientSampleId :

PB91016BS

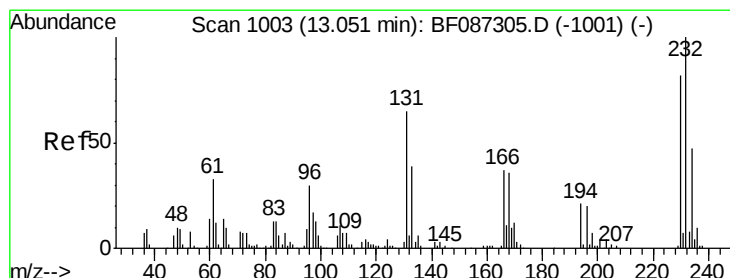
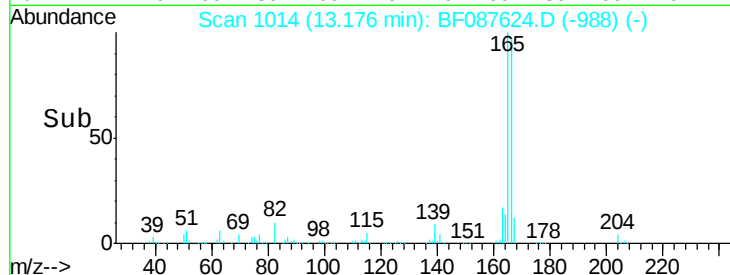
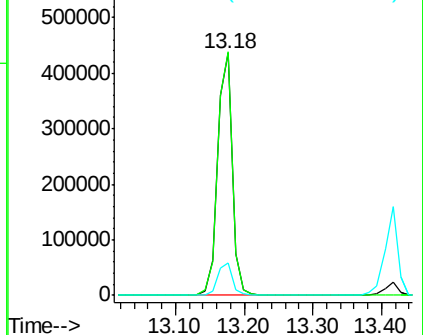
Tot Ion:	166	Resp:	657322
Ion Ratio	Lower	Upper	
166	100		
165	100.5	79.0	118.6
167	13.1	10.6	15.8

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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: 47.22 ng

RT: 12.87 min Scan# 987

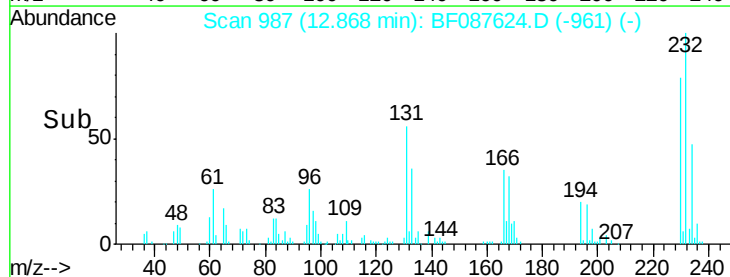
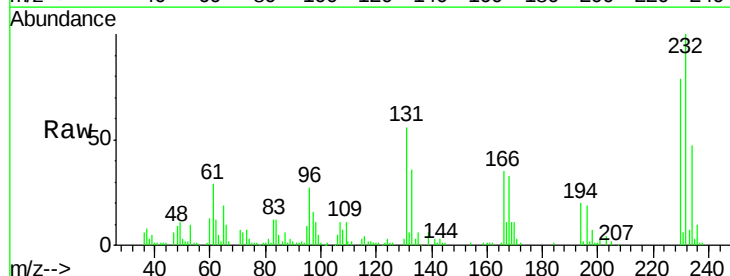
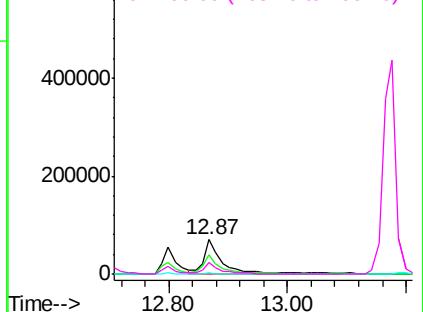
Delta R.T. 0.00 min

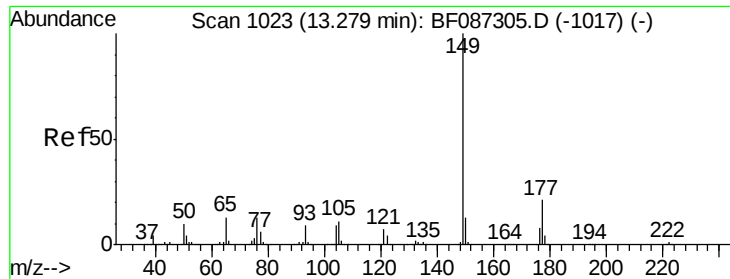
Lab File: BF087624.D

Acq: 1 Jun 2016 19:08

Tgt Ion:	232	Resp:	144470
Ion Ratio	Lower	Upper	
232	100		
131	54.6	41.9	62.9
130	3.0	2.2	3.4
166	32.6	26.8	40.2

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





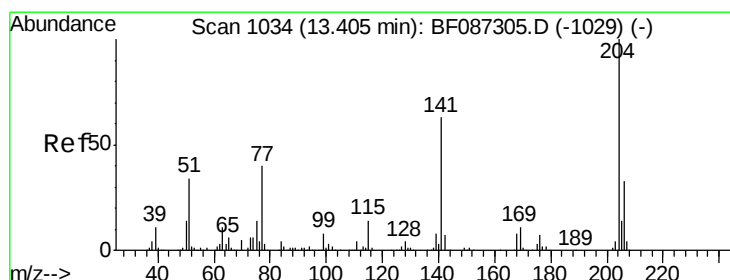
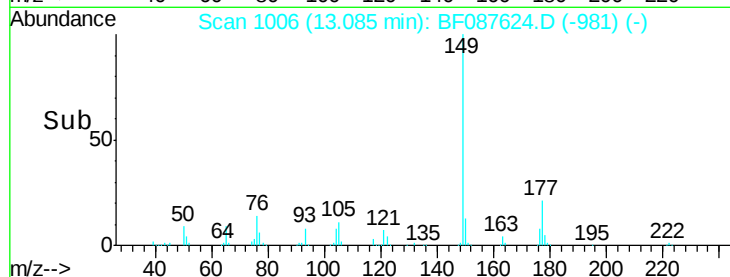
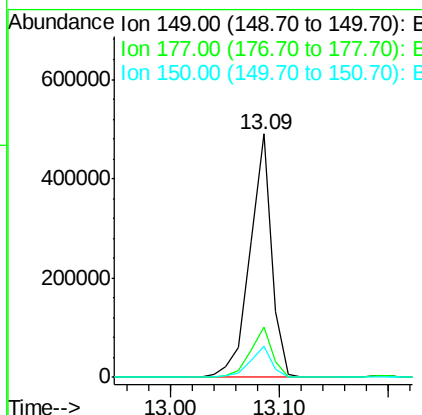
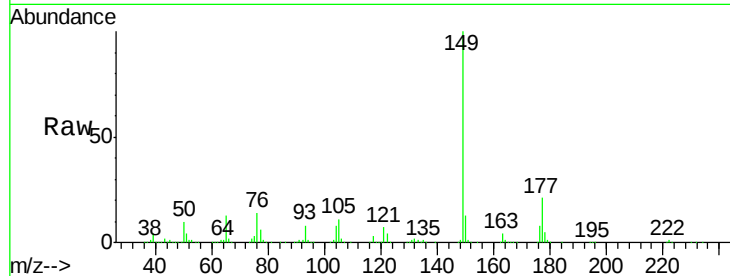
#59
Diethylphthalate
Concen: 41.37 ng
RT: 13.09 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF087624.D
Acq: 1 Jun 2016 19:08

Instrument :
BNA_F
ClientSampleId :
PB91016BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	680980		
177	20.7	16.6	24.8	
150	12.6	10.0	15.0	

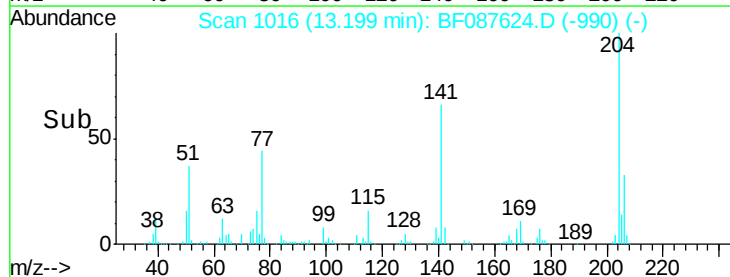
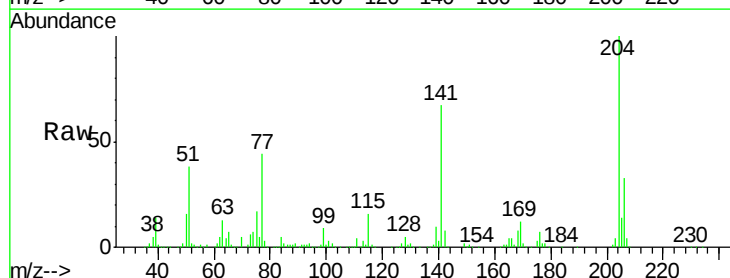
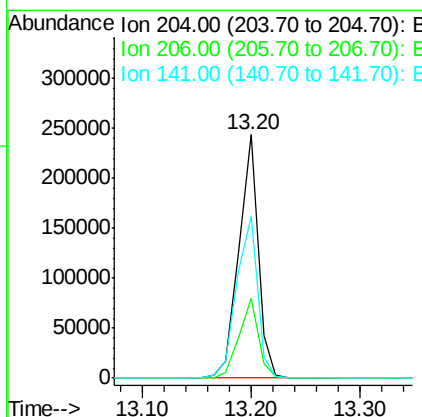
Manual Integrations
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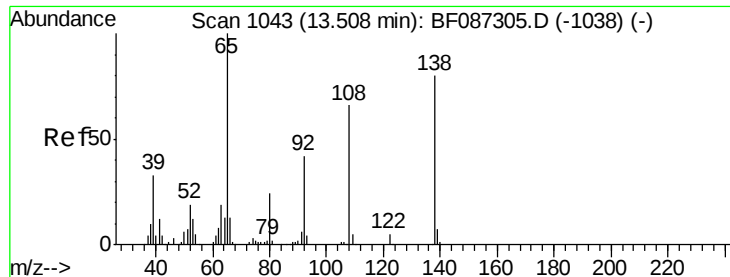
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#60
4-Chlorophenyl-phenylether
Concen: 39.44 ng
RT: 13.20 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF087624.D
Acq: 1 Jun 2016 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	299178		
206	32.8	25.4	38.0	
141	66.6	61.6	92.4	





#61

4-Nitroaniline

Concen: 43.02 ng

RT: 13.33 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF087624.D

Acq: 1 Jun 2016 19:08

Instrument :

BNA_F

ClientSampleId :

PB91016BS

Tot Ion:138 Resp: 140576

Ion Ratio Lower Upper

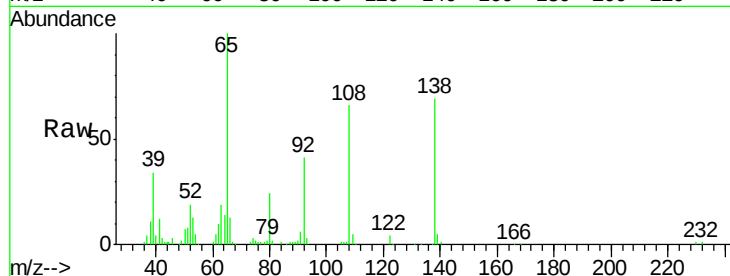
138 100

92 58.6 24.7 64.7

108 94.6 37.4 77.4#

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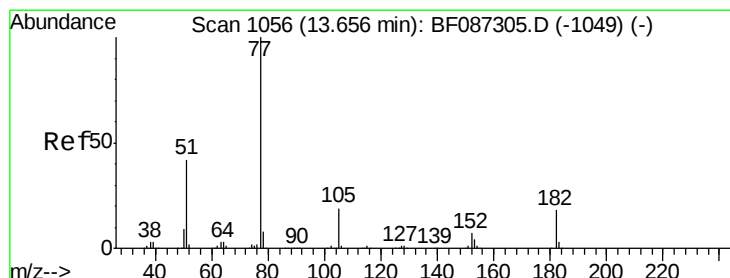
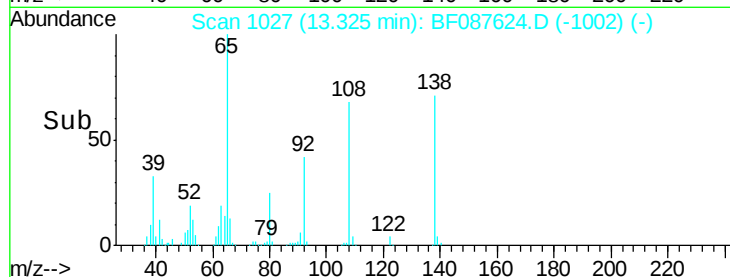
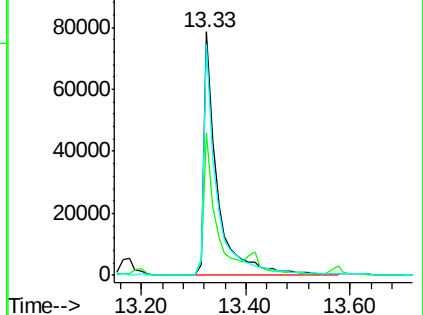
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 48.82 ng

RT: 13.45 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF087624.D

Acq: 1 Jun 2016 19:08

Tgt Ion: 77 Resp: 833791

Ion Ratio Lower Upper

77 100

182 16.7 0.0 38.8

105 19.0 3.2 43.2

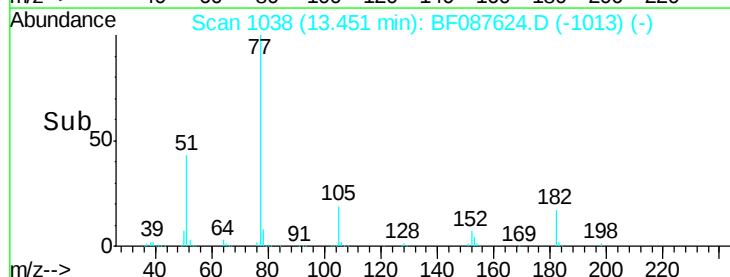
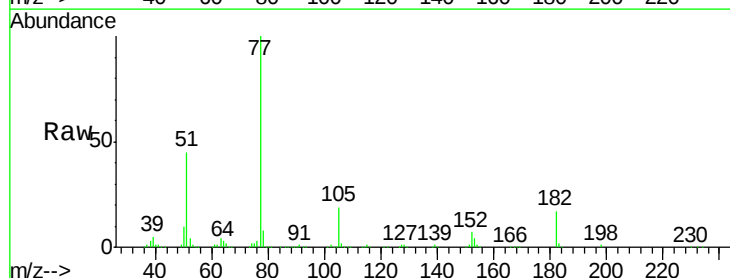
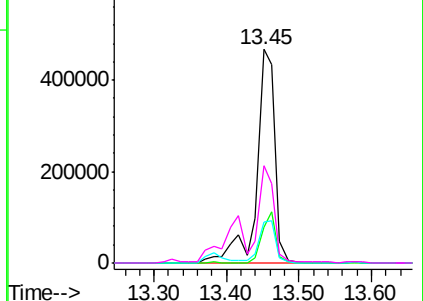
51 45.3 8.8 48.8

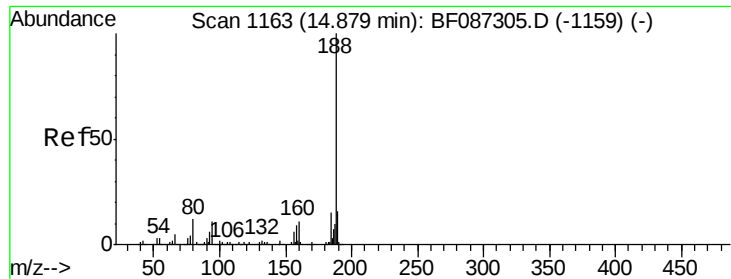
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.69 min Scan# 1146

Delta R.T. 0.00 min

Lab File: BF087624.D

Acq: 1 Jun 2016 19:08

Instrument :

BNA_F

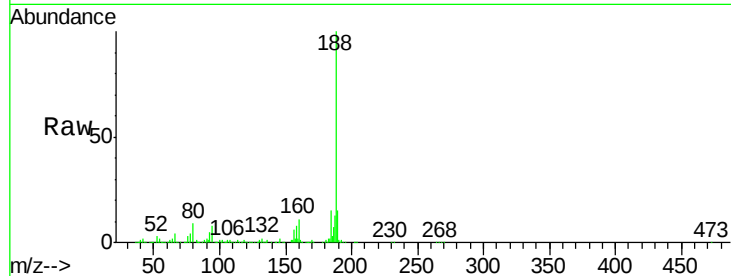
ClientSampleId :

PB91016BS

Tot Ion:	188	Resp:	409328
Ion Ratio	Lower	Upper	
188	100		
94	8.3	6.8	10.2
80	9.3	7.1	10.7

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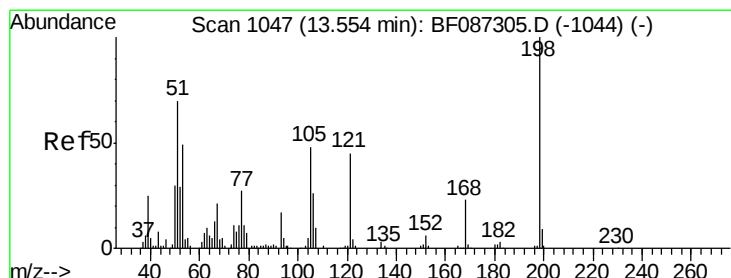
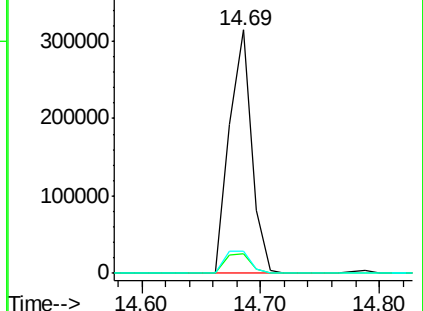
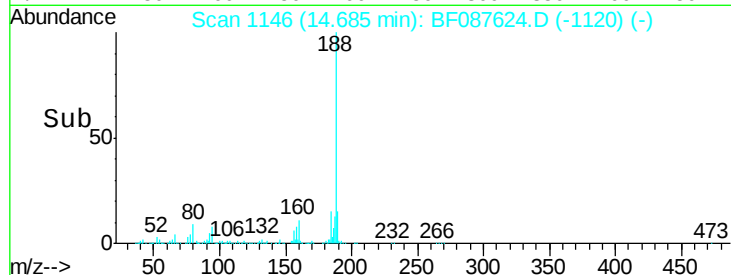


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 34.68 ng

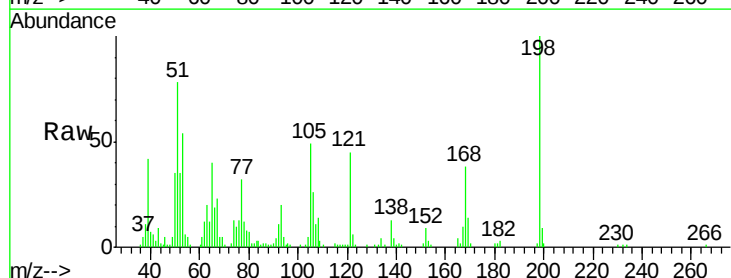
RT: 13.38 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF087624.D

Acq: 1 Jun 2016 19:08

Tgt Ion:	198	Resp:	90262
Ion Ratio	Lower	Upper	
198	100		
51	78.0	20.5	60.5#
105	48.9	24.5	64.5

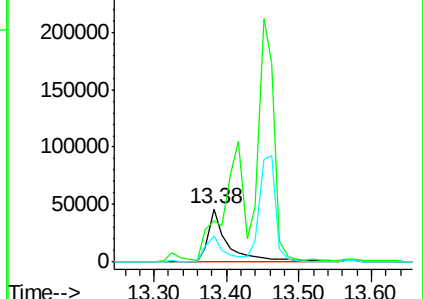
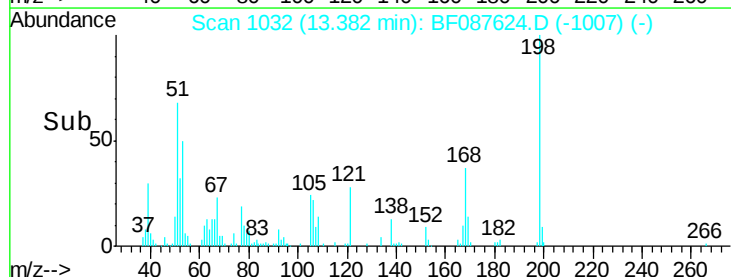


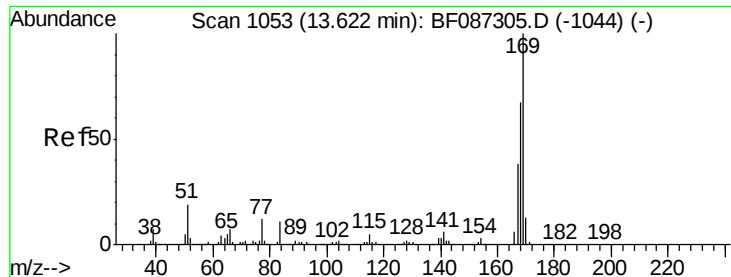
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

Time-->





#65

n-Nitrosodiphenylamine

Concen: 41.20 ng

RT: 13.42 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF087624.D

Acq: 1 Jun 2016 19:08

Instrument :

BNA_F

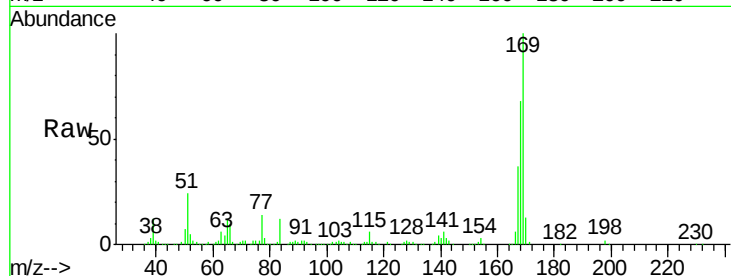
ClientSampleId :

PB91016BS

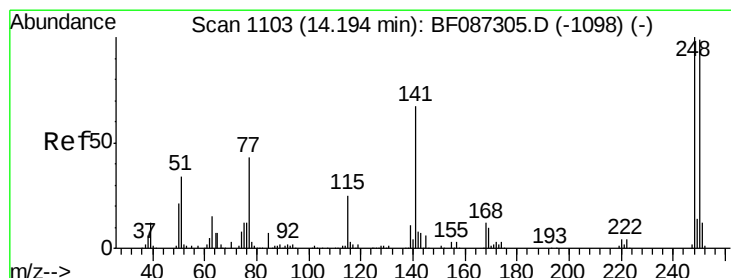
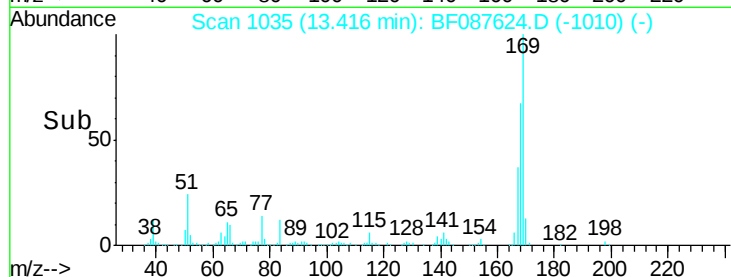
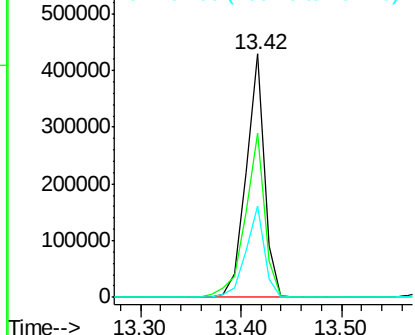
Tot Ion:	169	Resp:	545448
Ion Ratio	Lower	Upper	
169	100		
168	67.6	53.8	80.6
167	37.3	29.5	44.3

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



#66

4-Bromophenyl-phenylether

Concen: 39.68 ng

RT: 13.98 min Scan# 1084

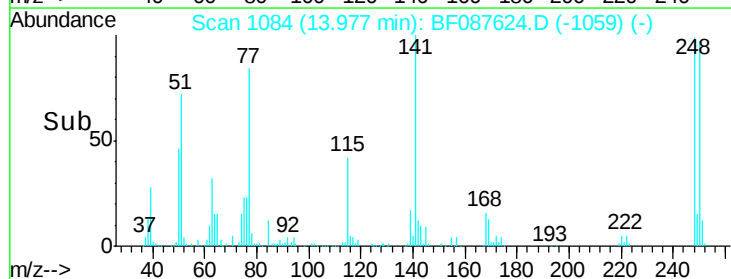
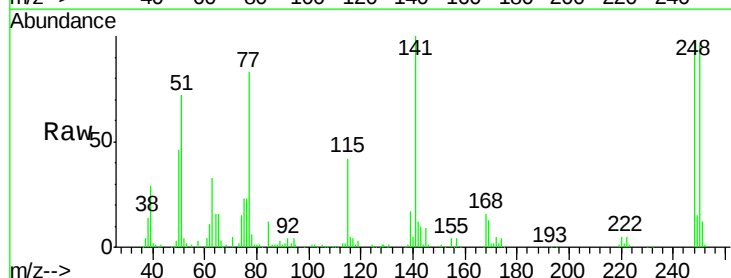
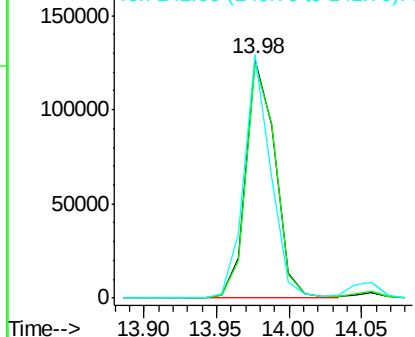
Delta R.T. -0.01 min

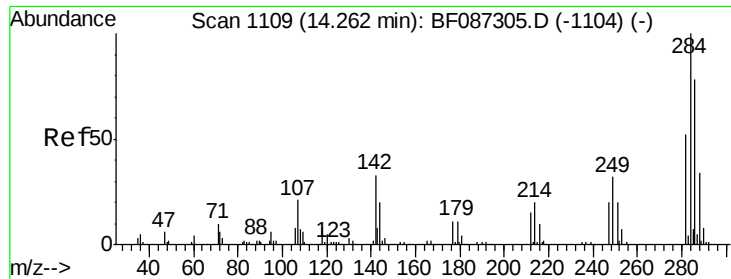
Lab File: BF087624.D

Acq: 1 Jun 2016 19:08

Tgt Ion:	248	Resp:	177701
Ion Ratio	Lower	Upper	
248	100		
250	98.3	78.6	117.8
141	101.9	76.0	114.0

Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





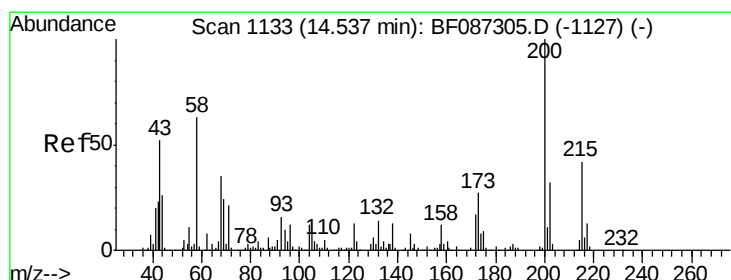
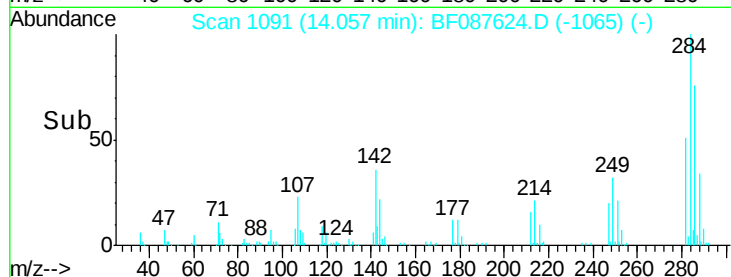
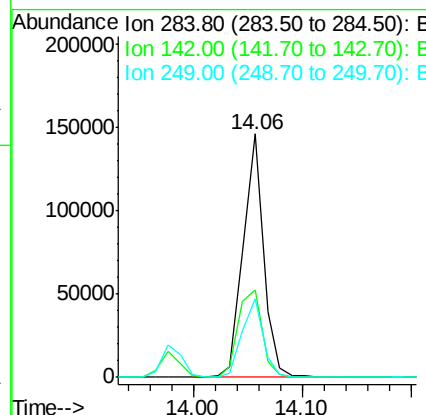
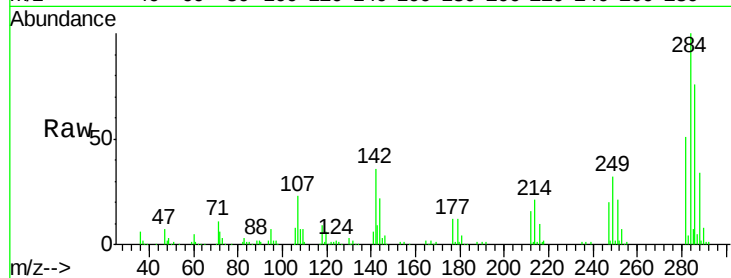
#67
Hexachlorobenzene
Concen: 40.30 ng
RT: 14.06 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BF087624.D
Acq: 1 Jun 2016 19:08

Instrument :
BNA_F
ClientSampleId :
PB91016BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	188749		
142	35.9	16.7	25.1	
249	32.4	21.3	31.9	

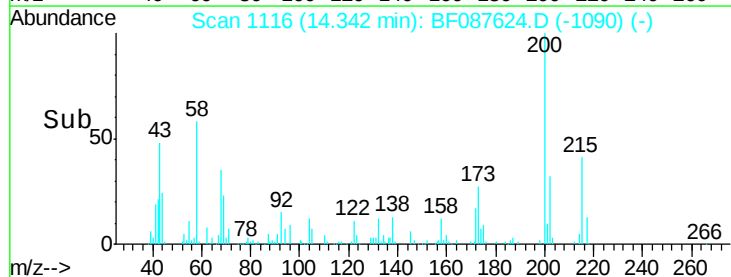
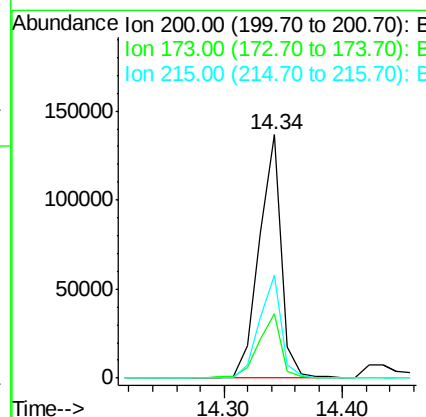
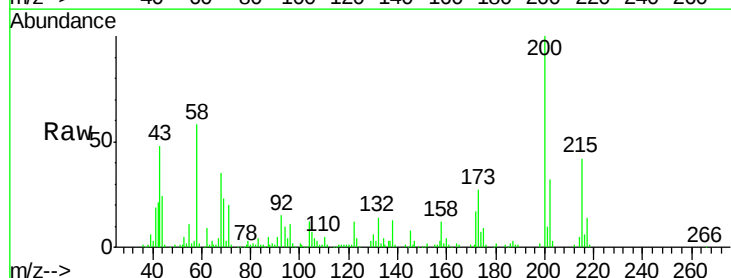
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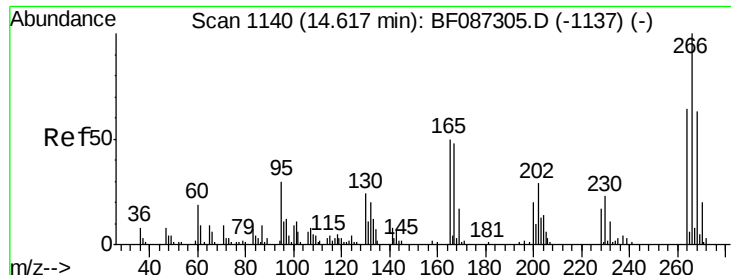
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#68
Atrazine
Concen: 42.31 ng
RT: 14.34 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BF087624.D
Acq: 1 Jun 2016 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	178550		
173	26.6	8.5	48.5	
215	42.4	27.2	67.2	





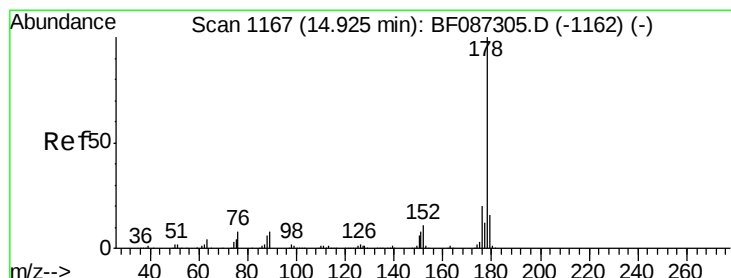
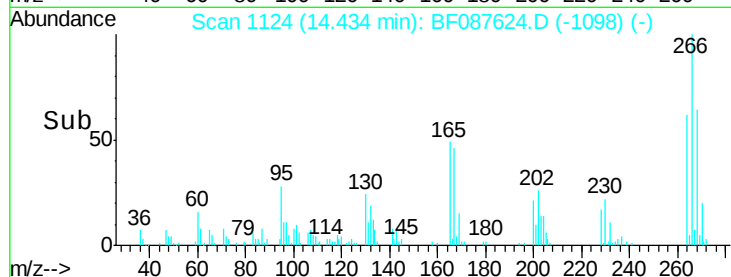
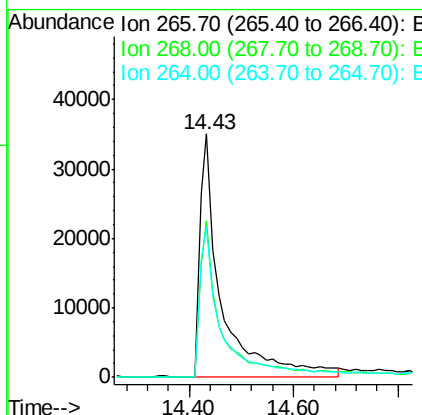
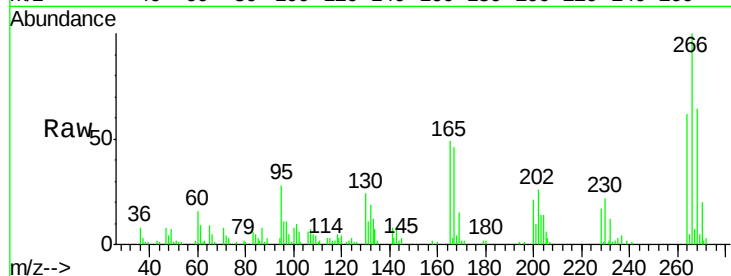
#69
 Pentachlorophenol
 Concen: 70.97 ng
 RT: 14.43 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: BF087624.D
 Acq: 1 Jun 2016 19:08

Instrument :
 BNA_F
 ClientSampleId :
 PB91016BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	102197		
268	64.4	51.5	77.3	
264	61.8	52.9	79.3	

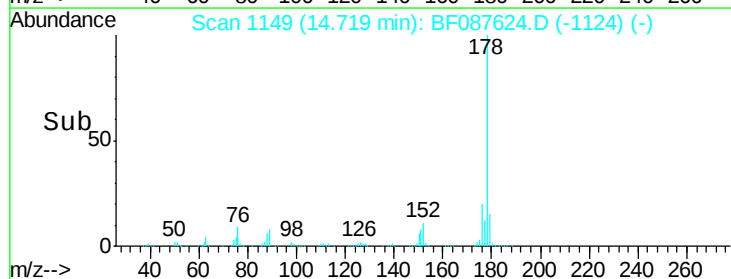
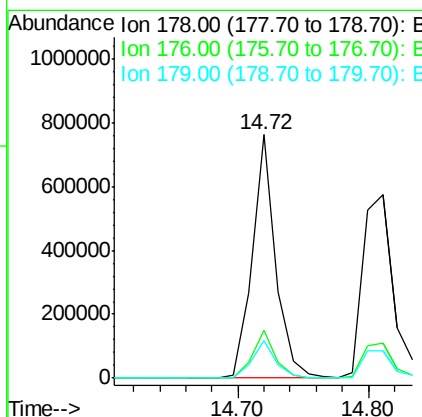
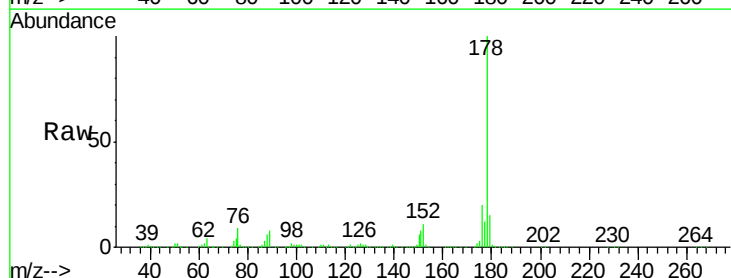
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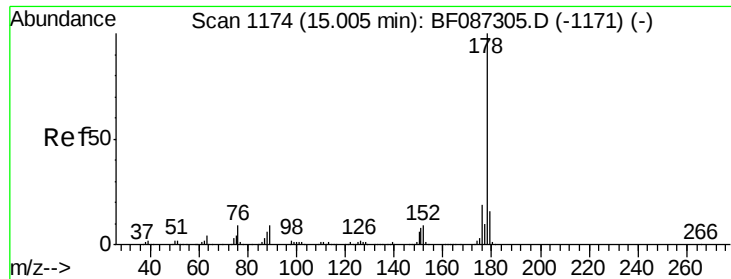
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#70
 Phenanthrene
 Concen: 41.92 ng
 RT: 14.72 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF087624.D
 Acq: 1 Jun 2016 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	950464		
176	19.6	16.0	24.0	
179	15.5	12.6	18.8	





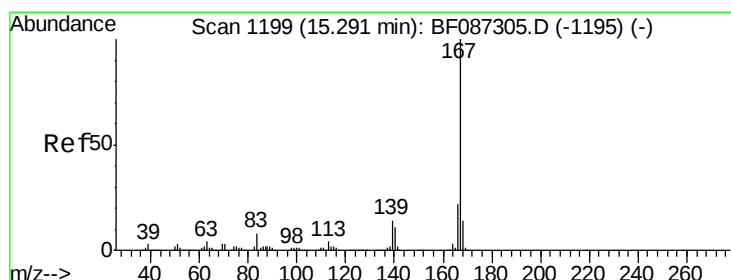
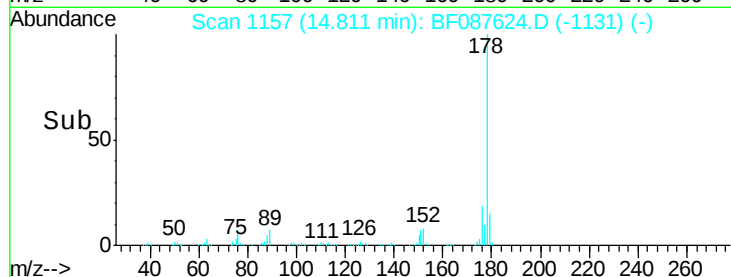
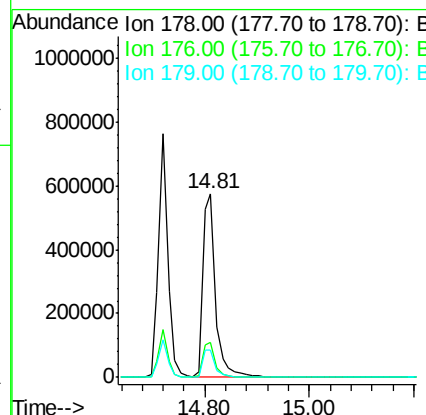
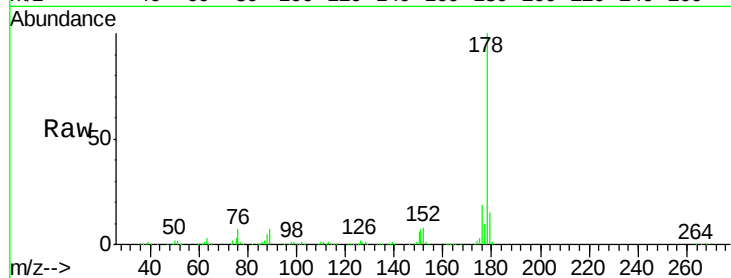
#71
 Anthracene
 Concen: 42.53 ng
 RT: 14.81 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF087624.D
 Acq: 1 Jun 2016 19:08

Instrument :
 BNA_F
 ClientSampleId :
 PB91016BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.6	23.4
179	15.1	12.7	19.1

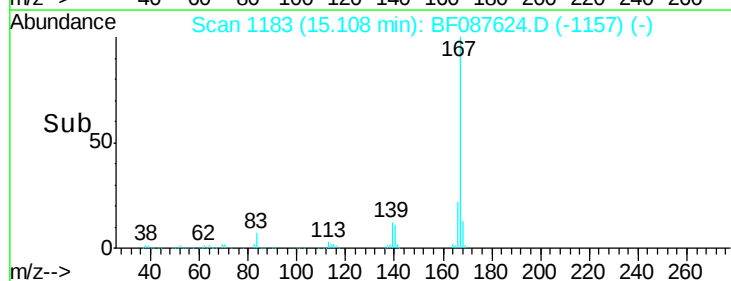
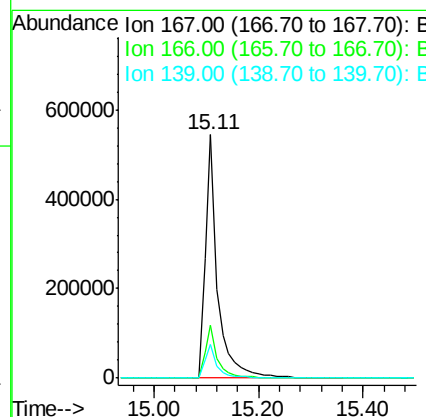
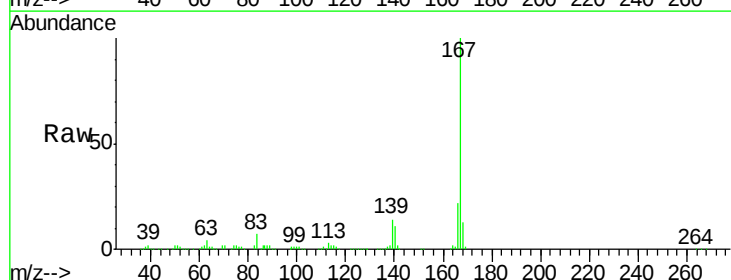
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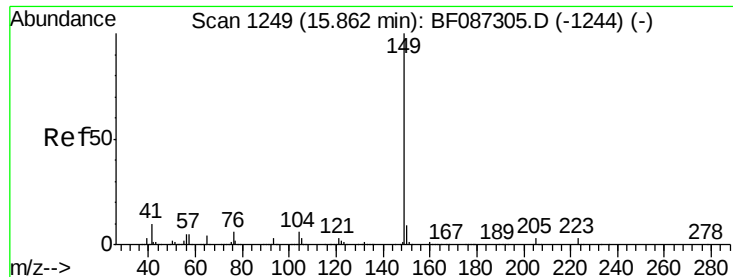
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#72
 Carbazole
 Concen: 45.54 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF087624.D
 Acq: 1 Jun 2016 19:08

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.7	26.5
139	13.7	10.8	16.2





#73

Di-n-butylphthalate

Concen: 40.42 ng

RT: 15.67 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BF087624.D

Acq: 1 Jun 2016 19:08

Instrument :

BNA_F

ClientSampleId :

PB91016BS

Tot Ion:149 Resp: 1021128

Ion Ratio Lower Upper

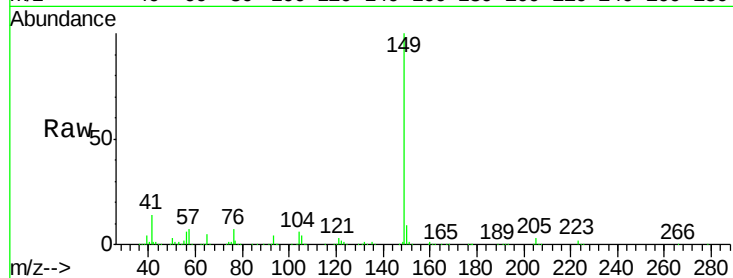
149 100

150 9.3 7.6 11.4

104 6.4 3.8 5.6#

Manual Integrations
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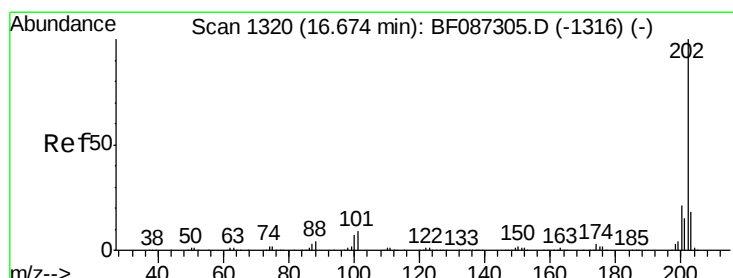
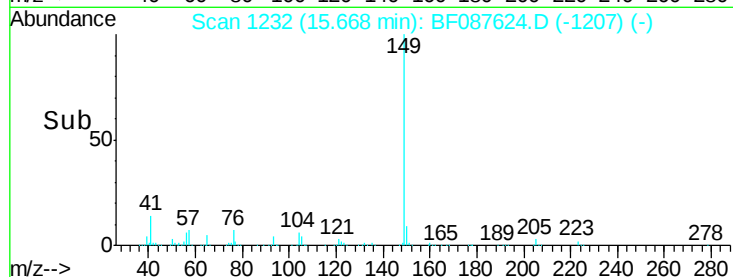
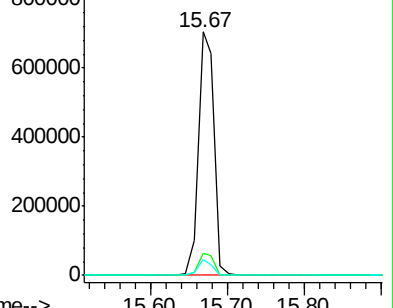
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.68 ng

RT: 16.49 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF087624.D

Acq: 1 Jun 2016 19:08

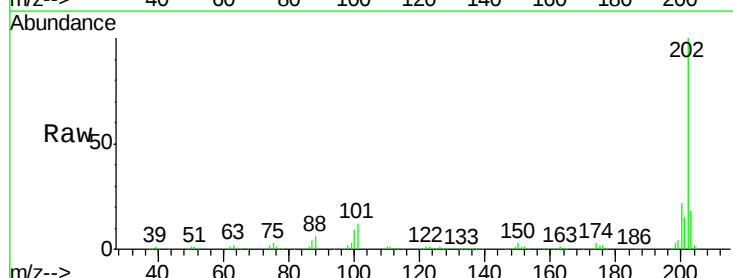
Tgt Ion:202 Resp: 970387

Ion Ratio Lower Upper

202 100

101 11.7 0.0 35.4

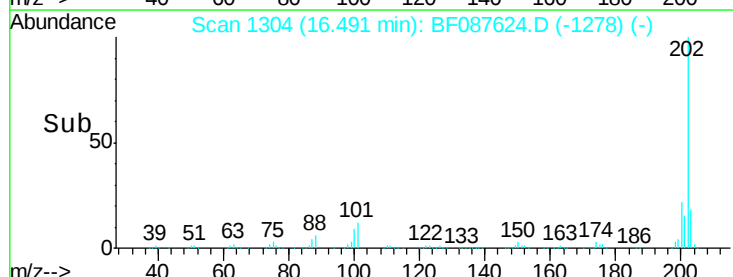
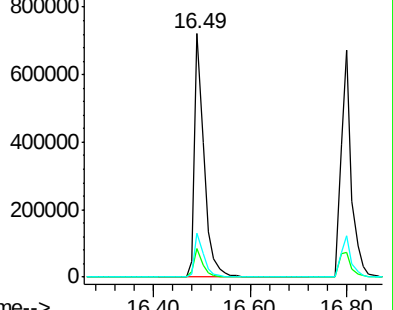
203 18.3 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.40 min Scan# 1471

Delta R.T. 0.00 min

Lab File: BF087624.D

Acq: 1 Jun 2016 19:08

Instrument :

BNA_F

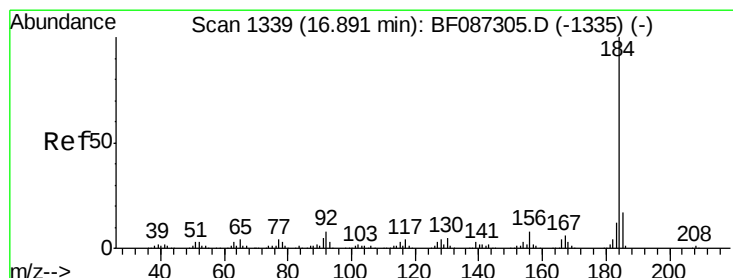
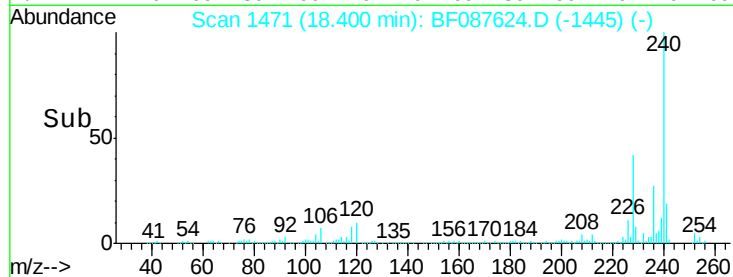
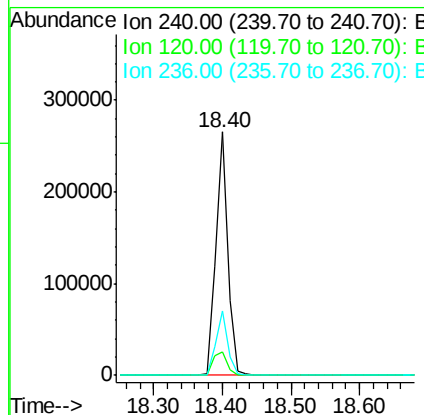
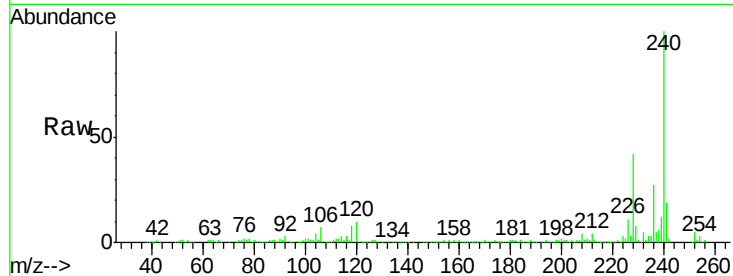
ClientSampleId :

PB91016BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	9.5	11.2	16.8	
236	26.5	21.2	31.8	

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#76

Benzidine

Concen: 48.41 ng

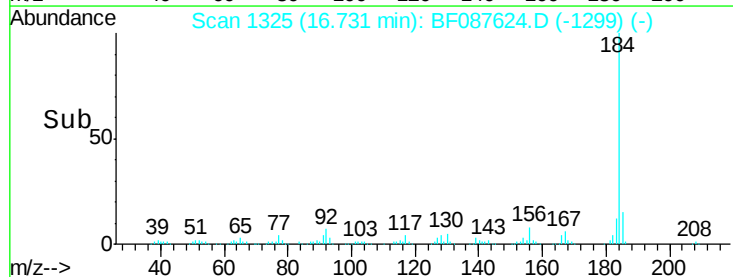
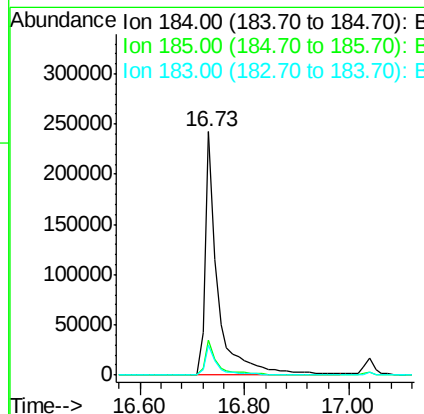
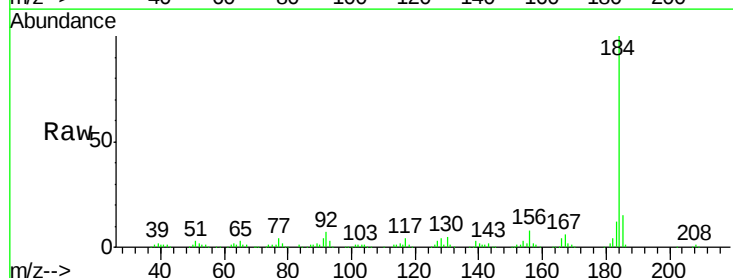
RT: 16.73 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF087624.D

Acq: 1 Jun 2016 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.6	13.6	20.4	
183	12.1	9.8	14.6	





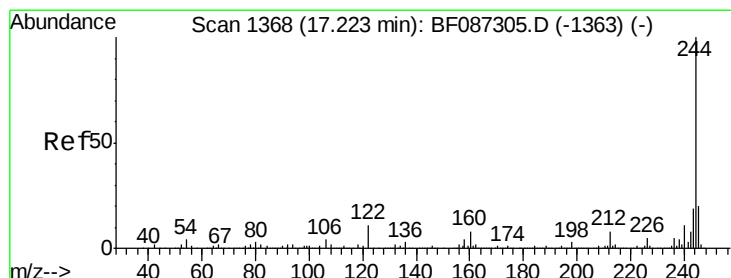
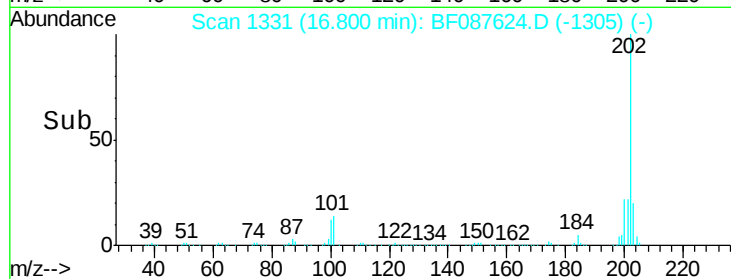
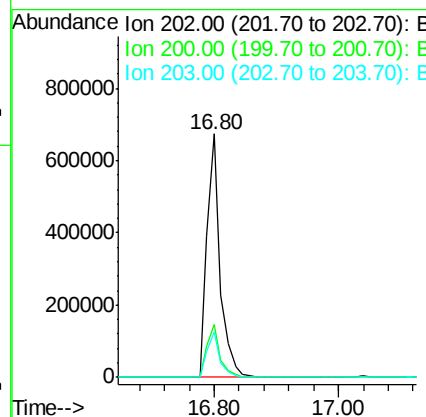
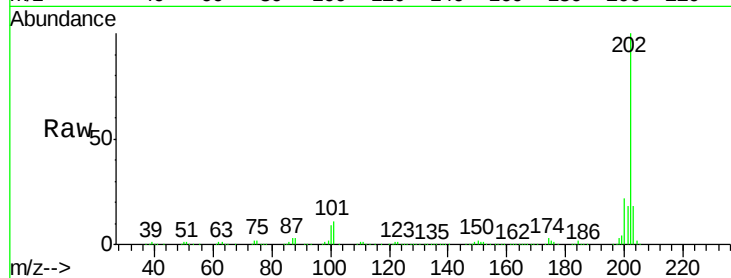
#77
Pvrene
Concen: 41.80 ng
RT: 16.80 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF087624.D
Acq: 1 Jun 2016 19:08

Instrument :
BNA_F
ClientSampleId :
PB91016BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.7	26.5
203	18.4	14.2	21.4

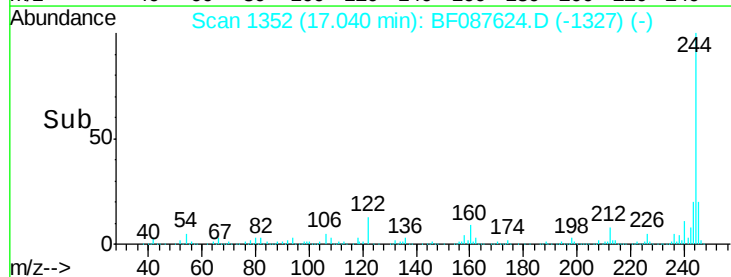
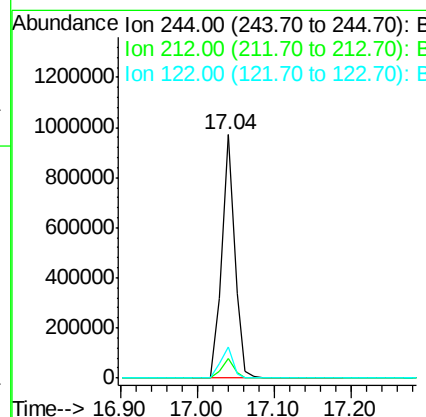
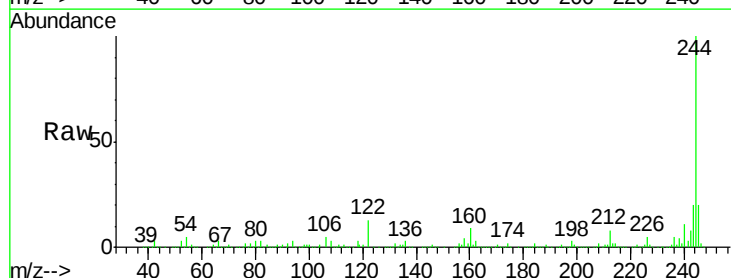
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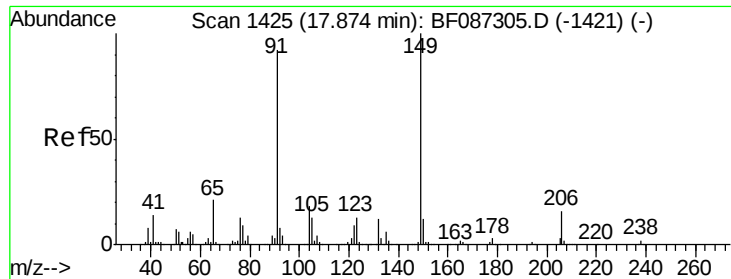
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#78
Terphenyl-d14
Concen: 74.60 ng
RT: 17.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF087624.D
Acq: 1 Jun 2016 19:08

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	13.0	12.0	18.0





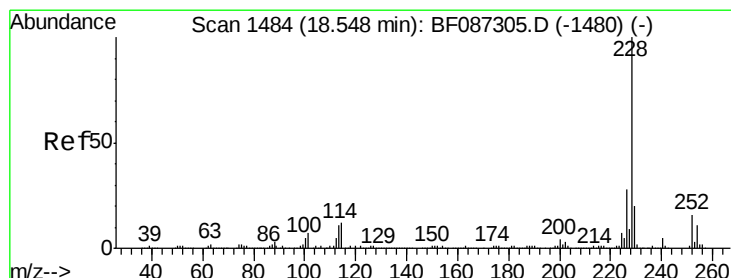
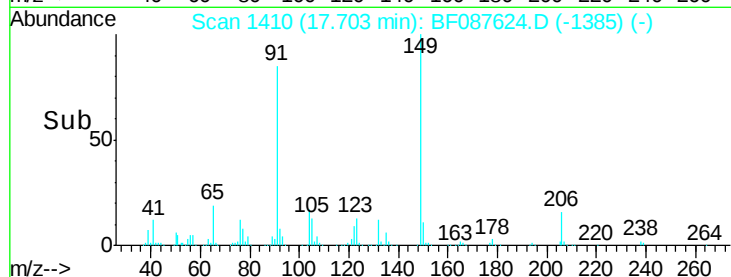
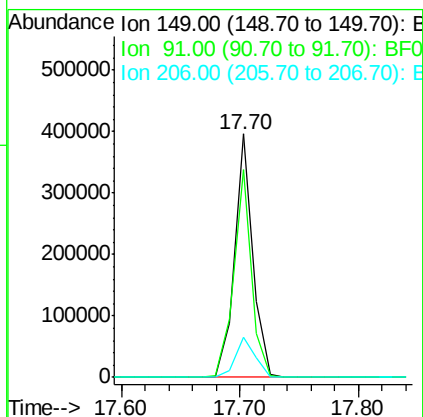
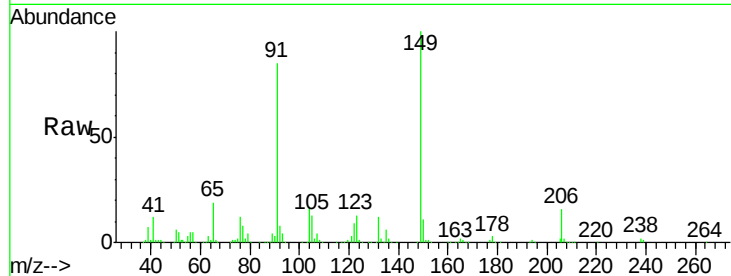
#79
Butylbenzylphthalate
Concen: 40.41 ng
RT: 17.70 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF087624.D
Acq: 1 Jun 2016 19:08

Instrument :
BNA_F
ClientSampleId :
PB91016BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	424075		
91	85.3	48.0	72.0#	
206	16.2	15.8	23.6	

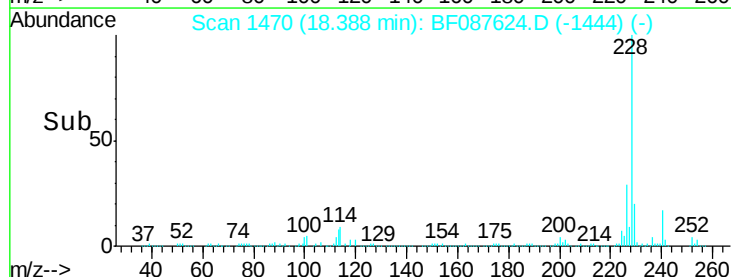
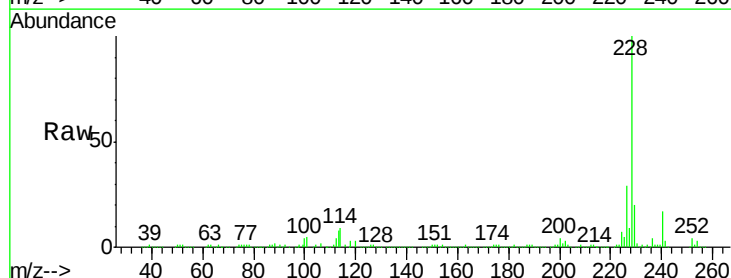
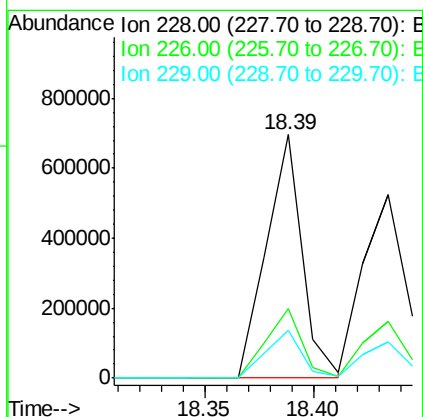
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#80
Benzo(a)anthracene
Concen: 42.93 ng
RT: 18.39 min Scan# 1470
Delta R.T. 0.00 min
Lab File: BF087624.D
Acq: 1 Jun 2016 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	802671		
226	28.5	22.5	33.7	
229	19.8	16.6	25.0	





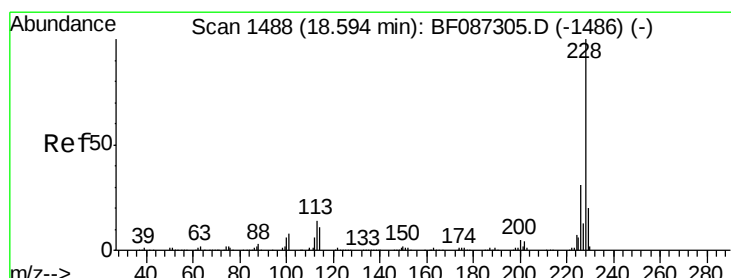
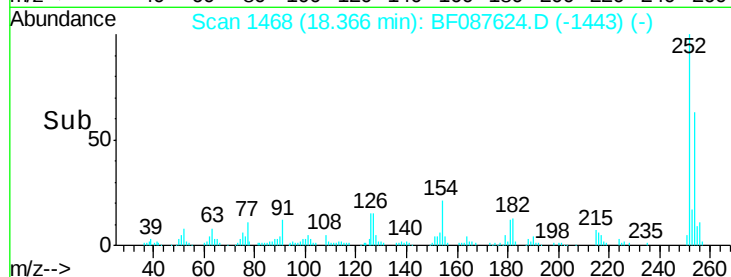
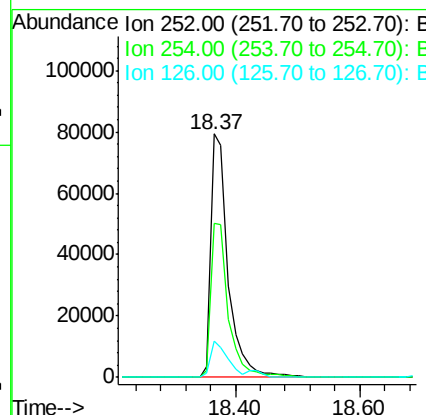
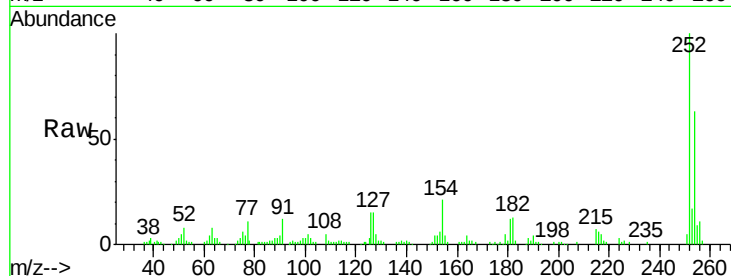
#81
 3,3'-Dichlorobenzidine
 Concen: 14.79 ng
 RT: 18.37 min Scan# 1468
 Delta R.T. -0.01 min
 Lab File: BF087624.D
 Acq: 1 Jun 2016 19:08

Instrument :
 BNA_F
 ClientSampleId :
 PB91016BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.1	50.7	76.1
126	15.0	12.7	19.1

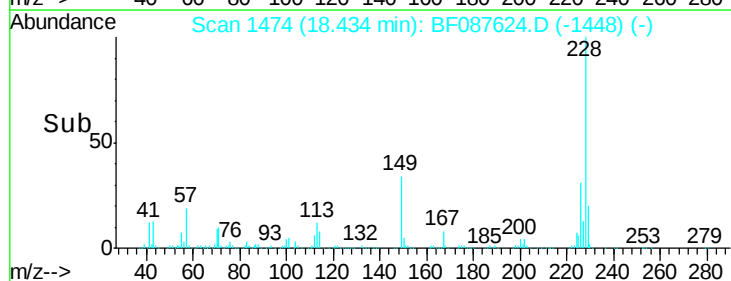
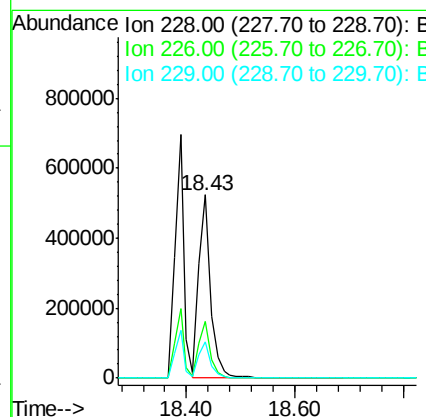
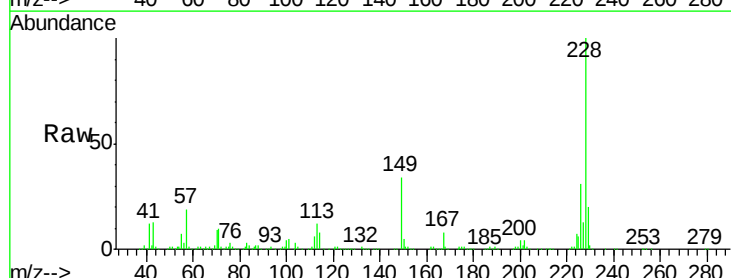
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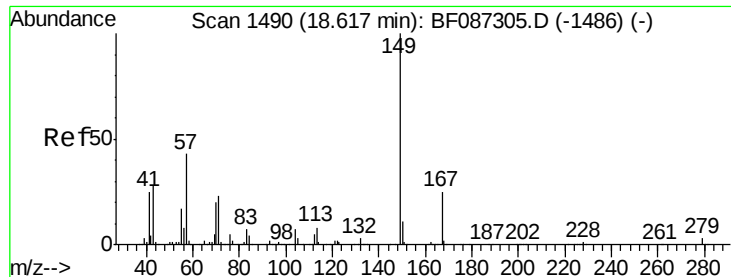
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#82
 Chrysene
 Concen: 42.21 ng
 RT: 18.43 min Scan# 1474
 Delta R.T. 0.00 min
 Lab File: BF087624.D
 Acq: 1 Jun 2016 19:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.4	36.6
229	19.8	15.8	23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.31 ng

RT: 18.45 min Scan# 1475

Delta R.T. 0.00 min

Lab File: BF087624.D

Acq: 1 Jun 2016 19:08

Instrument :

BNA_F

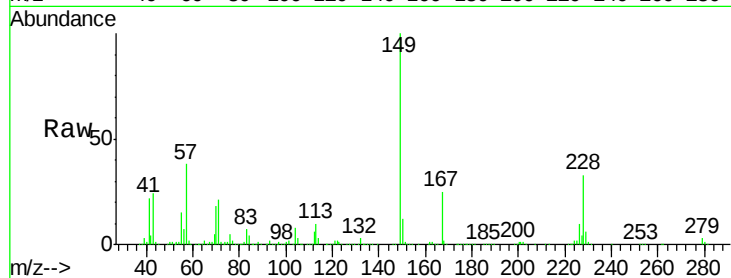
ClientSampleId :

PB91016BS

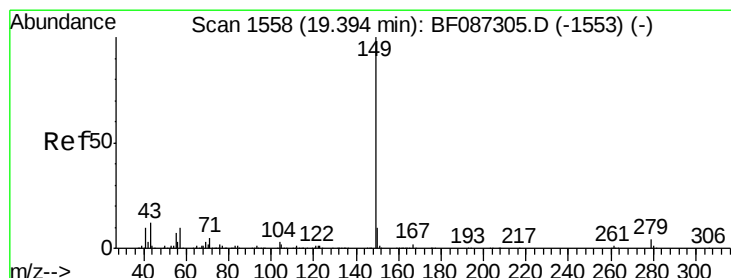
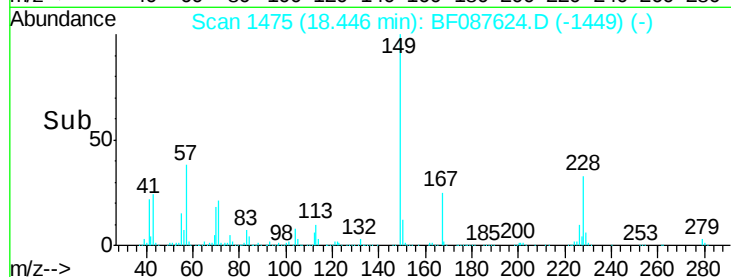
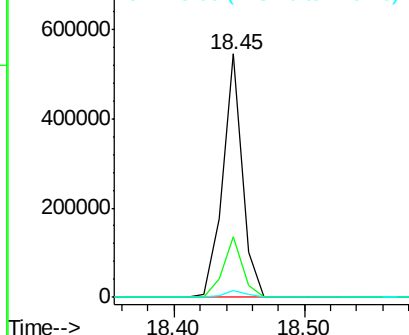
Tot Ion:	149	Resp:	571244
Ion Ratio	Lower	Upper	
149	100		
167	24.8	21.8	32.6
279	2.8	2.6	4.0

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



#84

Di-n-octyl phthalate

Concen: 40.26 ng

RT: 19.21 min Scan# 1542

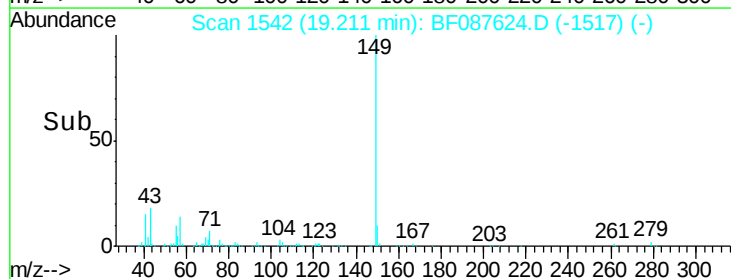
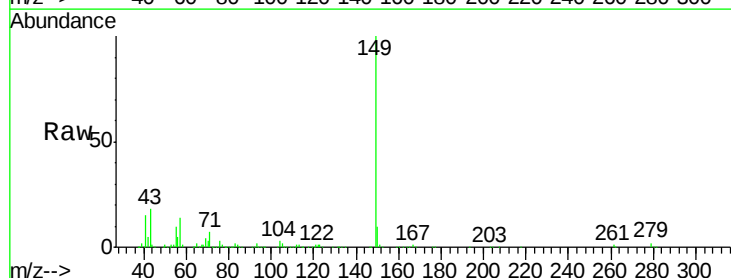
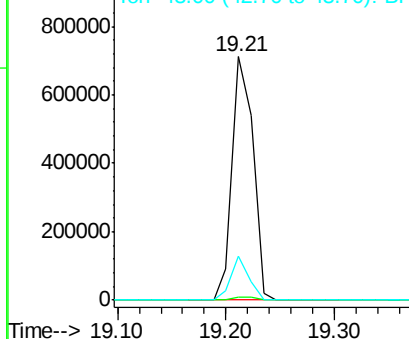
Delta R.T. -0.01 min

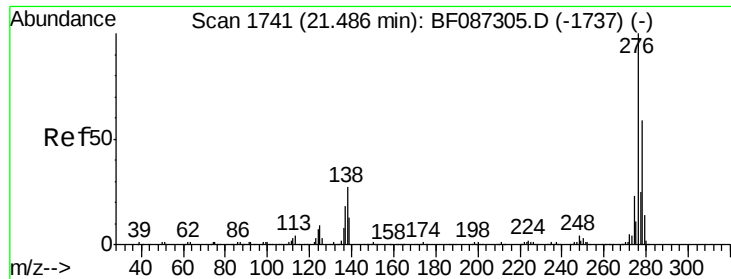
Lab File: BF087624.D

Acq: 1 Jun 2016 19:08

Tgt Ion:	149	Resp:	940099
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	15.6	8.2	12.4#

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





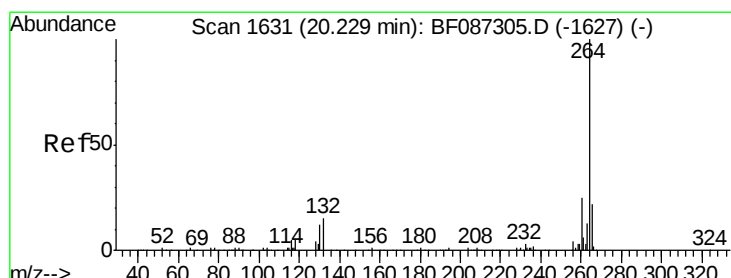
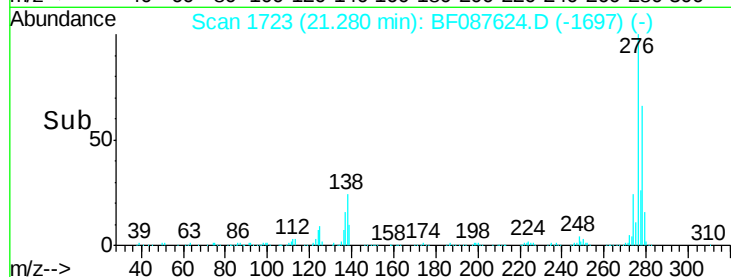
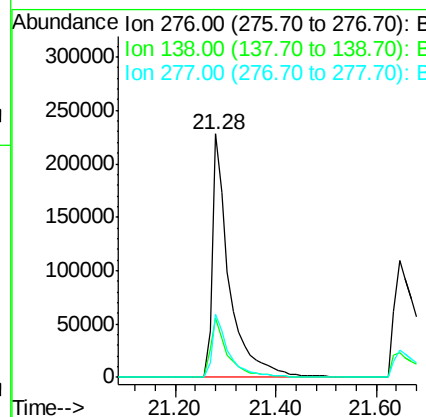
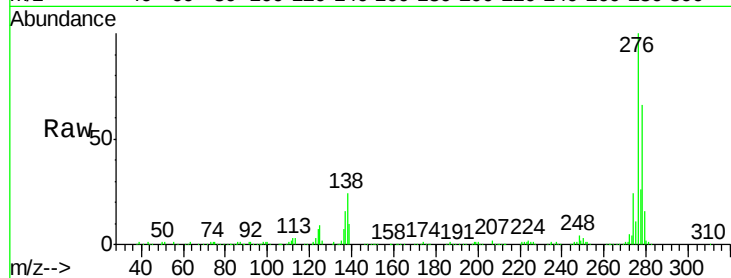
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.68 ng
 RT: 21.28 min Scan# 1723
 Delta R.T. 0.00 min
 Lab File: BF087624.D
 Acq: 1 Jun 2016 19:08

Instrument :
 BNA_F
 ClientSampleId :
 PB91016BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.2	25.6	38.4#
277	25.9	20.5	30.7

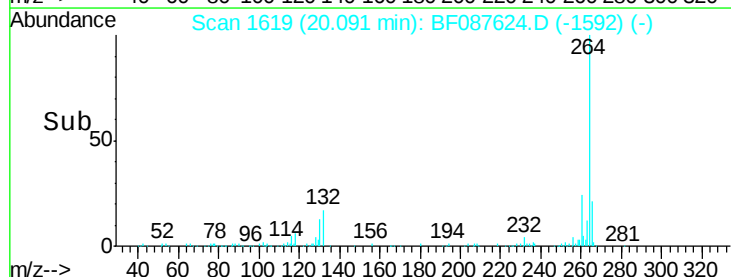
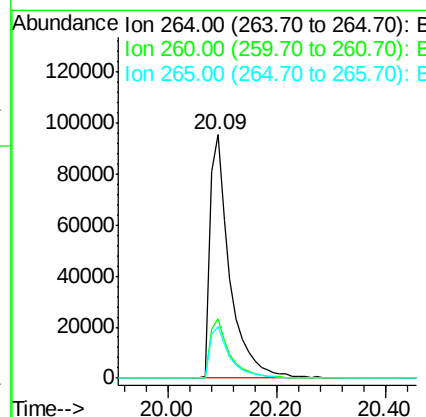
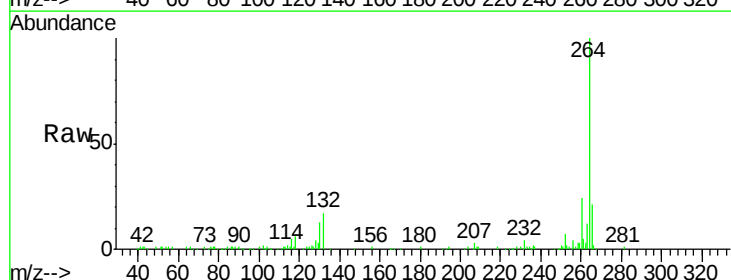
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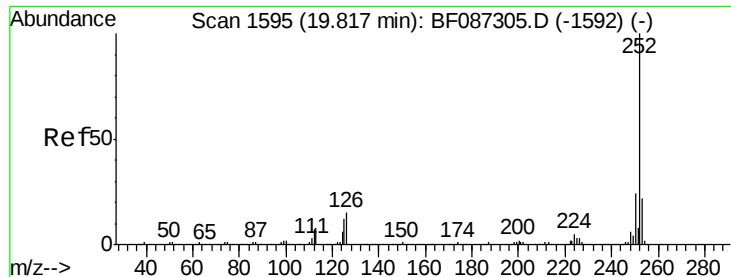
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.09 min Scan# 1619
 Delta R.T. 0.01 min
 Lab File: BF087624.D
 Acq: 1 Jun 2016 19:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.5	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 38.40 ng m

RT: 19.67 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF087624.D

Acq: 1 Jun 2016 19:08

Instrument :

BNA_F

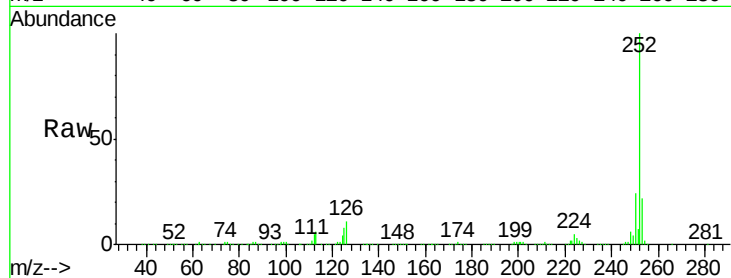
ClientSampleId :

PB91016BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	8.2	11.4	17.0

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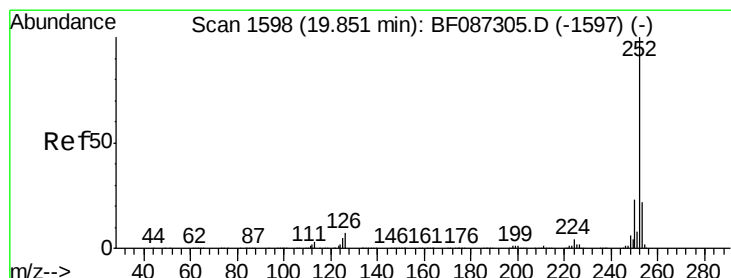
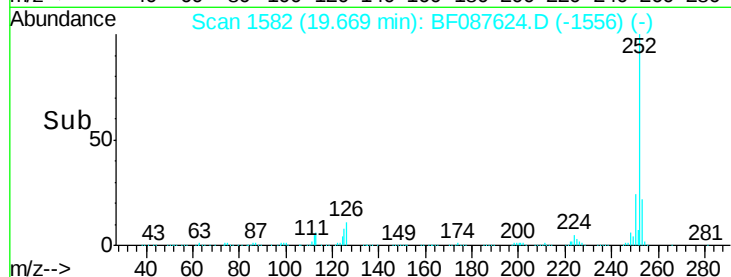
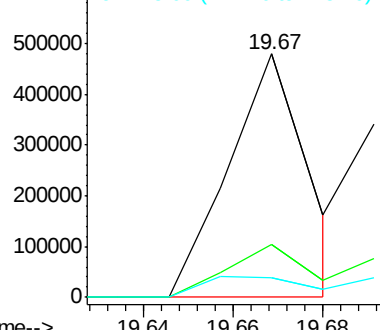
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 51.32 ng m

RT: 19.69 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BF087624.D

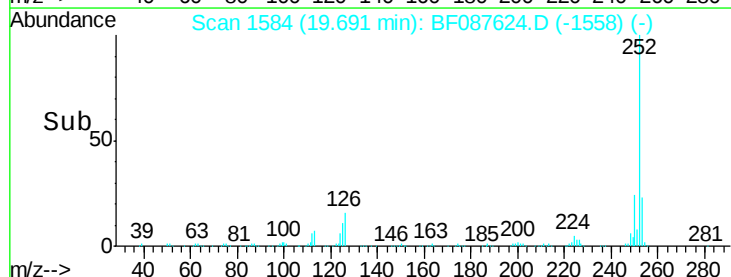
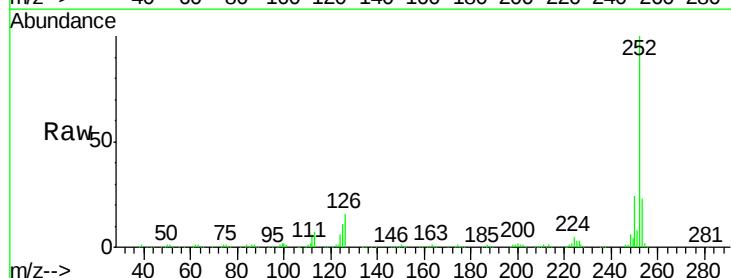
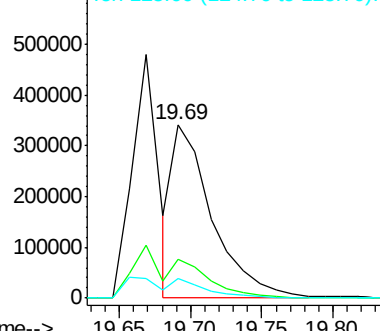
Acq: 1 Jun 2016 19:08

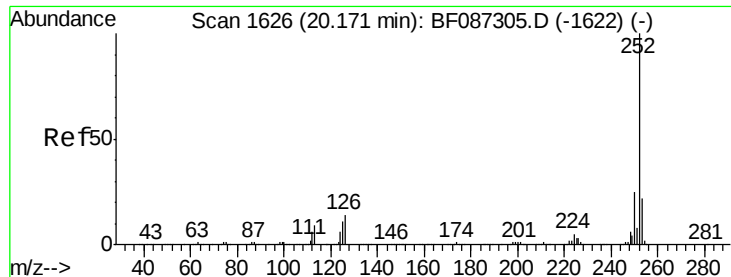
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	11.3	9.1	13.7

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





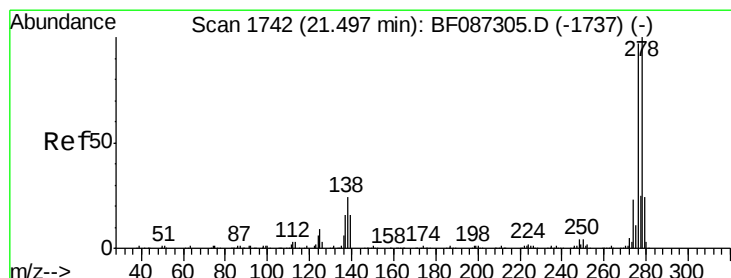
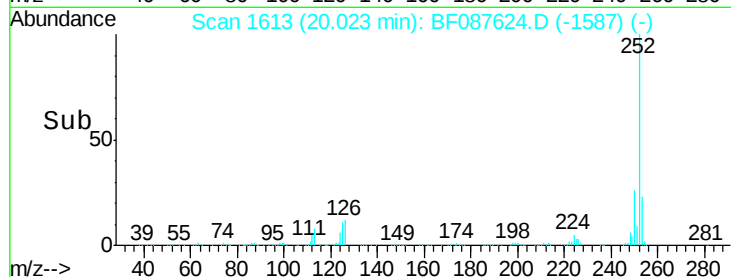
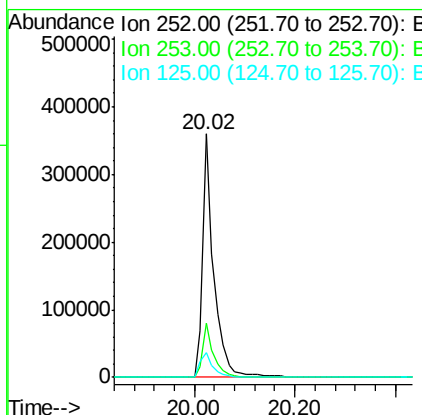
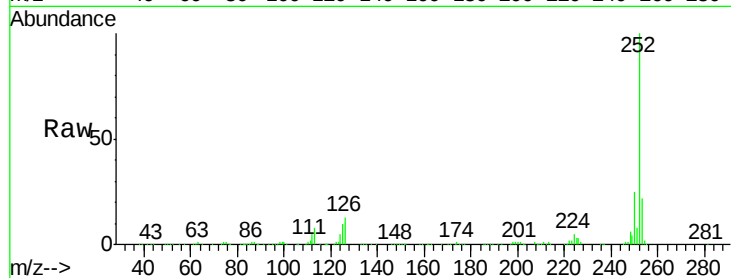
#89
Benzo(a)pyrene
Concen: 41.96 ng
RT: 20.02 min Scan# 1613
Delta R.T. 0.00 min
Lab File: BF087624.D
Acq: 1 Jun 2016 19:08

Instrument :
BNA_F
ClientSampleId :
PB91016BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	10.1	9.0	13.6

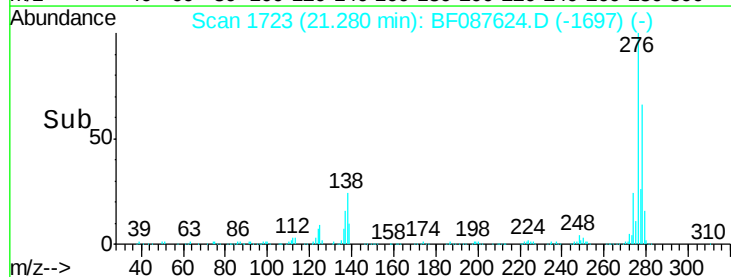
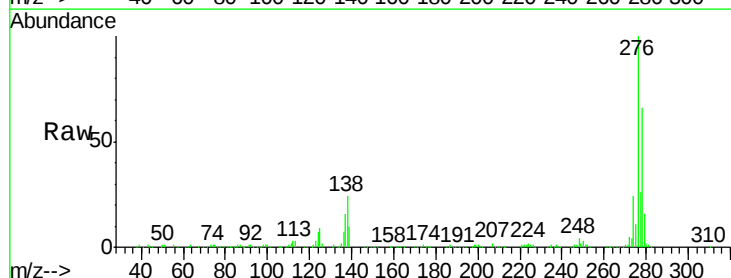
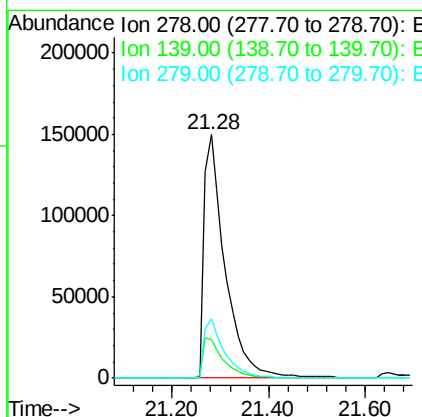
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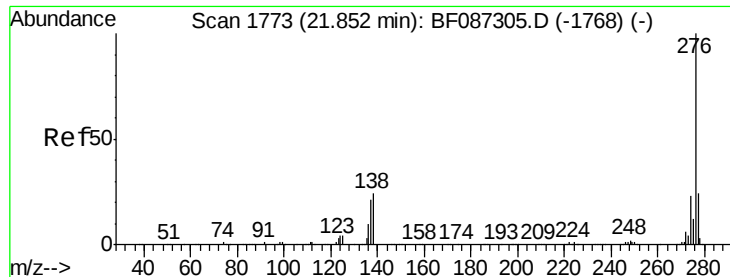
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#90
Dibenzo(a,h)anthracene
Concen: 40.14 ng
RT: 21.28 min Scan# 1723
Delta R.T. 0.00 min
Lab File: BF087624.D
Acq: 1 Jun 2016 19:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.9	16.6	24.8#
279	24.3	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 38.82 ng
 RT: 21.65 min Scan# 1755
 Delta R.T. 0.02 min
 Lab File: BF087624.D
 Acq: 1 Jun 2016 19:08

Instrument :
 BNA_F
 ClientSampleId :
 PB91016BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.6	29.4
138	20.9	23.6	35.4

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