

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
 Data File : BF087316.D
 Acq On : 23 May 2016 23:58
 Operator : UM/SJ
 Sample : PB90822BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90822BS

Manual Integrations
 APPROVED

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 5/24/2016 7:39:28 PM

Quant Time: May 24 02:14:27 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 24 01:40:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	123281	20.00	ng	0.00
21) Naphthalene-d8	9.64	136	505639	20.00	ng	0.00
38) Acenaphthene-d10	12.48	164	241722	20.00	ng	0.00
63) Phenanthrene-d10	14.88	188	448381	20.00	ng	0.00
75) Chrysene-d12	18.56	240	366005	20.00	ng	0.00
86) Perylene-d12	20.23	264	286070	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	952278	135.73	ng	0.02
7) Phenol-d6	7.15	99	1209427	127.57	ng	-0.01
23) Nitrobenzene-d5	8.52	82	821164	81.85	ng	-0.01
41) 2,4,6-Tribromophenol	13.77	330	288164	124.05	ng	-0.01
44) 2-Fluorobiphenyl	11.43	172	1436222	83.76	ng	0.00
78) Terphenyl-d14	17.21	244	1304965	75.80	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.03	88	125230	33.83	ng	# 64
3) Pyridine	2.65	79	287375	35.51	ng	# 66
4) n-Nitrosodimethylamine	2.62	42	263775	42.30	ng	# 50
6) Aniline	7.12	93	301183	24.56	ng	91
8) 2-Chlorophenol	7.29	128	375116	42.87	ng	91
9) Benzaldehyde	6.96	77	59179	11.31	ng	98
10) Phenol	7.18	94	452409	43.70	ng	86
11) bis(2-Chloroethyl)ether	7.26	93	352306	42.05	ng	89
12) 1,3-Dichlorobenzene	7.51	146	377301	39.54	ng	# 93
13) 1,4-Dichlorobenzene	7.63	146	393875m	40.20	ng	
14) 1,2-Dichlorobenzene	7.87	146	374113	41.28	ng	100
15) Benzyl Alcohol	7.91	79	316707	45.82	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.10	45	733391	38.90	ng	93
17) 2-Methylphenol	8.11	107	301807	43.04	ng	# 80
18) Hexachloroethane	8.39	117	145797	39.89	ng	95
19) n-Nitroso-di-n-propylamine	8.33	70	308945	43.70	ng	# 74
20) 3+4-Methylphenols	8.38	107	384305	45.34	ng	# 60
22) Acetophenone	8.30	105	540497	44.74	ng	# 98
24) Nitrobenzene	8.56	77	435066	41.08	ng	96
25) Isophorone	8.95	82	759650	42.22	ng	99
26) 2-Nitrophenol	9.06	139	190676	44.05	ng	# 79
27) 2,4-Dimethylphenol	9.20	122	335738	44.68	ng	89
28) bis(2-Chloroethoxy)methane	9.32	93	464939	45.87	ng	98
29) 2,4-Dichlorophenol	9.47	162	304577	44.97	ng	98
30) 1,2,4-Trichlorobenzene	9.56	180	330455	42.62	ng	96
31) Naphthalene	9.68	128	1078676	42.57	ng	99
32) Benzoic acid	9.52	122	149212	39.70	ng	# 77
33) 4-Chloroaniline	9.83	127	147714	15.83	ng	# 94
34) Hexachlorobutadiene	9.88	225	190717	40.47	ng	99
35) Caprolactam	10.43	113	92208m	46.65	ng	
36) 4-Chloro-3-methylphenol	10.68	107	346798	45.29	ng	93
37) 2-Methylnaphthalene	10.80	142	694632	43.88	ng	97
39) 1,2,4,5-Tetrachlorobenzene	11.07	216	304951	39.41	ng	98
40) Hexachlorocyclopentadiene	11.05	237	250821	78.92	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	11.30	196	180833	40.49	ng	96
43) 2,4,5-Trichlorophenol	11.38	196	195266	42.93	ng #	90
45) 1,1'-Biphenyl	11.58	154	861376	42.32	ng	98
46) 2-Chloronaphthalene	11.59	162	637069	40.92	ng	93
47) 2-Nitroaniline	11.80	65	246904	44.01	ng #	81
48) Acenaphthylene	12.25	152	1039259	42.16	ng	99
49) Dimethylphthalate	12.13	163	811116	41.89	ng	100
50) 2,6-Dinitrotoluene	12.22	165	166279	42.62	ng #	83
51) Acenaphthene	12.53	154	627825	41.44	ng	97
52) 3-Nitroaniline	12.49	138	86643	21.64	ng #	92
53) 2,4-Dinitrophenol	12.69	184	146373	73.85	ng	87
54) Dibenzofuran	12.82	168	940474	45.85	ng	99
55) 4-Nitrophenol	12.87	139	168769	88.35	ng #	61
56) 2,4-Dinitrotoluene	12.88	165	228579	43.83	ng	90
57) Fluorene	13.37	166	741870	41.71	ng	99
58) 2,3,4,6-Tetrachlorophenol	13.05	232	172505	49.31	ng	99
59) Diethylphthalate	13.28	149	788418	41.88	ng	99
60) 4-Chlorophenyl-phenylether	13.39	204	355046	40.93	ng	97
61) 4-Nitroaniline	13.50	138	155992	41.74	ng #	75
62) Azobenzene	13.66	77	923768	47.30	ng	87
64) 4,6-Dinitro-2-methylphenol	13.54	198	118788	41.67	ng #	50
65) n-Nitrosodiphenylamine	13.61	169	624593	43.07	ng	99
66) 4-Bromophenyl-phenylether	14.18	248	205255	41.84	ng	97
67) Hexachlorobenzene	14.25	284	216444	42.19	ng #	67
68) Atrazine	14.53	200	201126	43.51	ng	94
69) Pentachlorophenol	14.62	266	128314	80.44	ng	98
70) Phenanthrene	14.91	178	1065069	42.88	ng	100
71) Anthracene	15.01	178	1089847	43.44	ng	99
72) Carbazole	15.28	167	946644	44.24	ng	98
73) Di-n-butylphthalate	15.85	149	1188855	42.96	ng #	98
74) Fluoranthene	16.66	202	1062165	42.65	ng	97
76) Benzidine	16.89	184	298469	31.69	ng	97
77) Pyrene	16.97	202	1100313	41.76	ng	99
79) Butylbenzylphthalate	17.87	149	483012	41.34	ng #	74
80) Benzo(a)anthracene	18.55	228	898280	43.15	ng	99
81) 3,3'-Dichlorobenzidine	18.54	252	153489	13.35	ng #	98
82) Chrysene	18.59	228	875597	42.38	ng	99
83) Bis(2-ethylhexyl)phthalate	18.62	149	710544	41.68	ng	97
84) Di-n-octyl phthalate	19.38	149	1148003	44.16	ng #	87
85) Indeno(1,2,3-cd)pyrene	21.49	276	672817	40.62	ng	96
87) Benzo(b)fluoranthene	19.82	252	726565m	39.87	ng	
88) Benzo(k)fluoranthene	19.85	252	771619m	49.20	ng	
89) Benzo(a)pyrene	20.17	252	699152	44.36	ng #	98
90) Dibenzo(a,h)anthracene	21.49	278	577943	42.99	ng	98
91) Benzo(g,h,i)perylene	21.85	276	566044	42.68	ng #	92

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

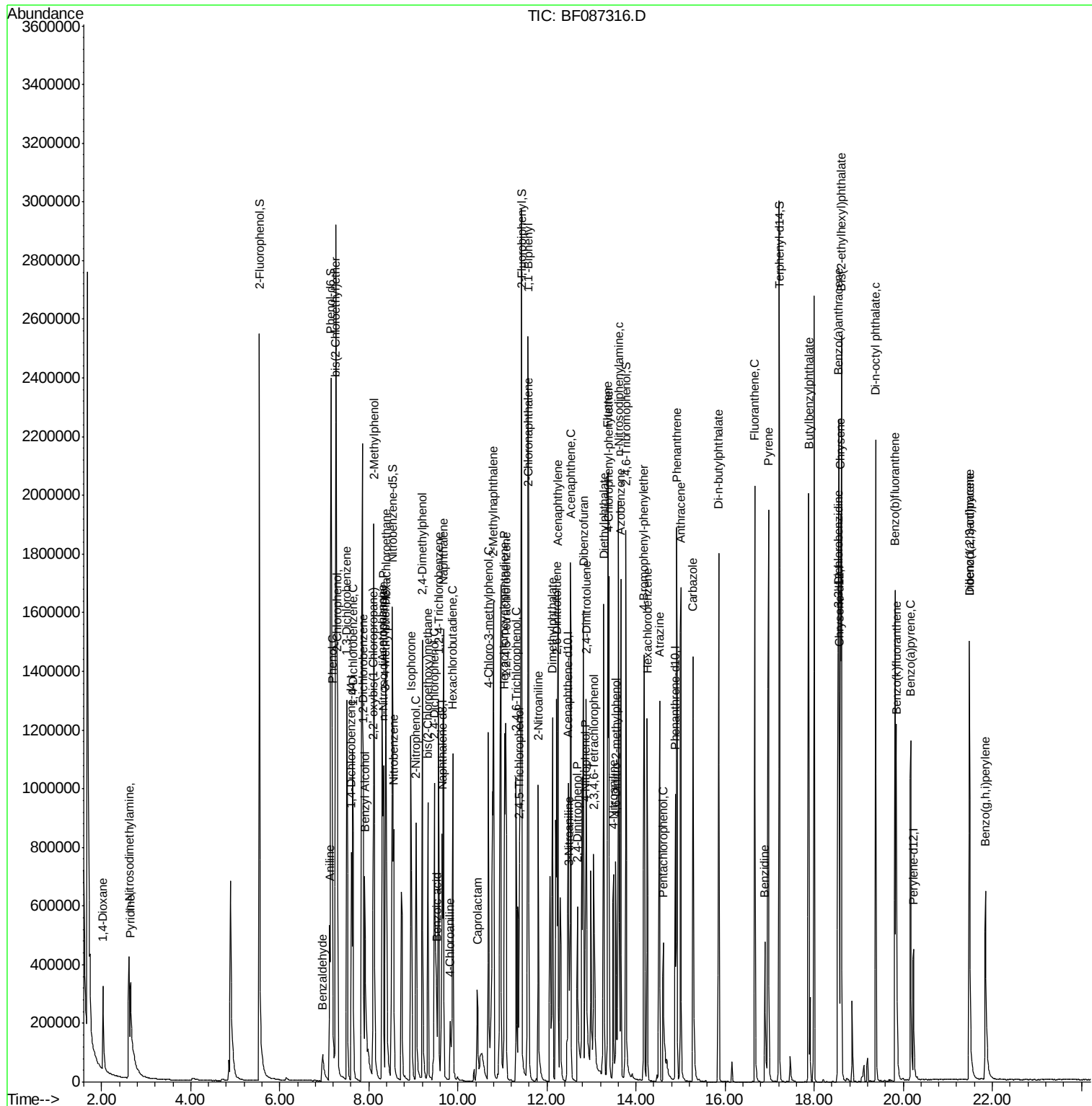
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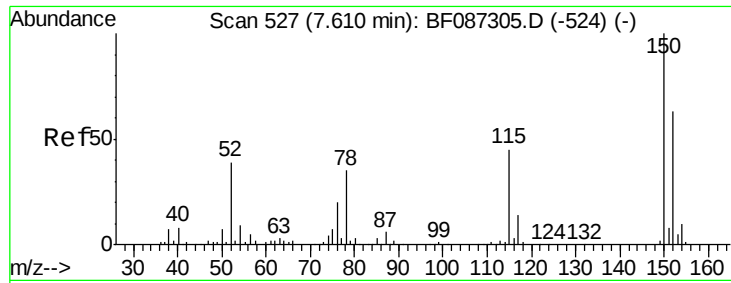
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.61 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

Instrument :

BNA_F

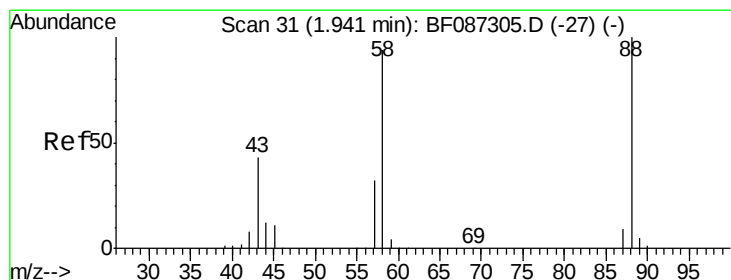
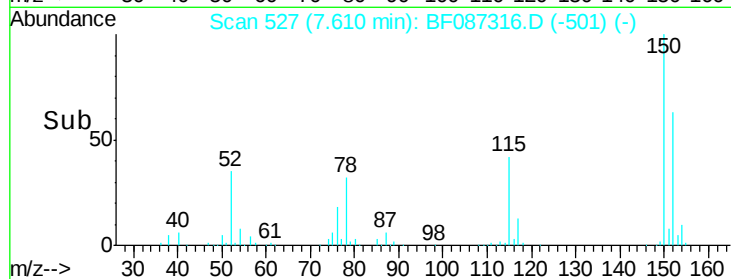
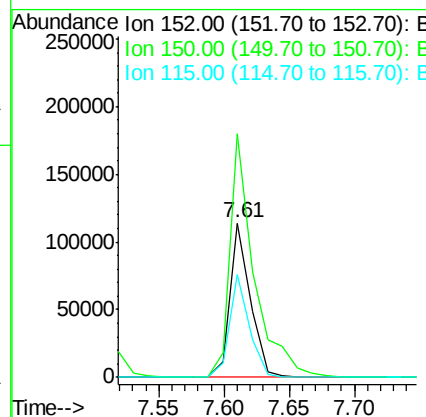
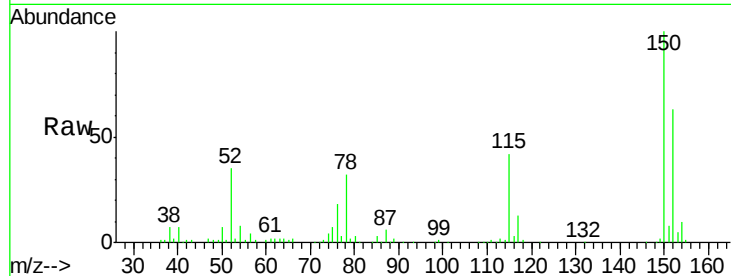
ClientSampleId :

PB90822BS

Tgt Ion:	152	Resp:	123281
Ion Ratio	Lower	Upper	
152	100		
150	157.5	125.8	188.6
115	66.8	51.5	77.3

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#2

1,4-Dioxane

Concen: 33.83 ng

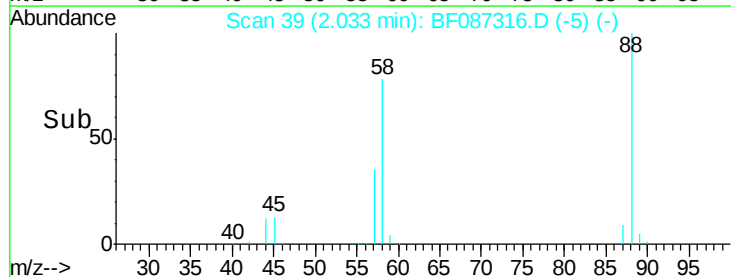
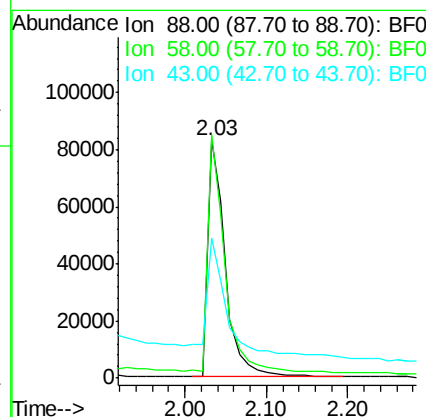
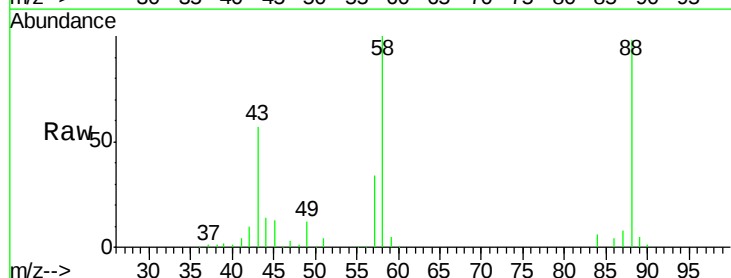
RT: 2.03 min Scan# 39

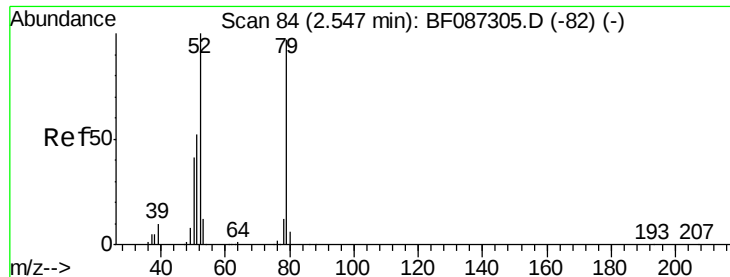
Delta R.T. 0.09 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

Tgt Ion:	88	Resp:	125230
Ion Ratio	Lower	Upper	
88	100		
58	97.0	59.6	89.4#
43	59.1	21.8	32.6#





#3

Pyridine

Concen: 35.51 ng

RT: 2.65 min Scan# 93

Delta R.T. 0.10 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

Instrument :

BNA_F

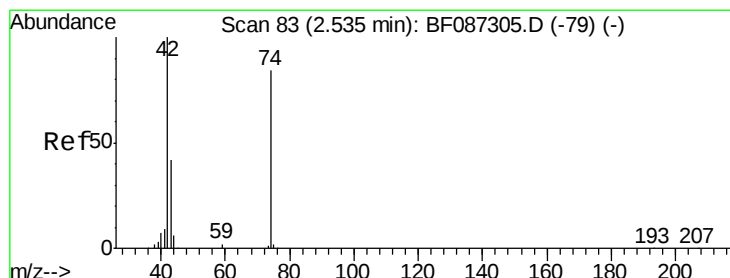
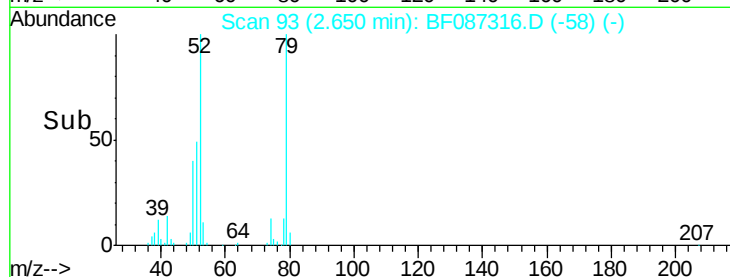
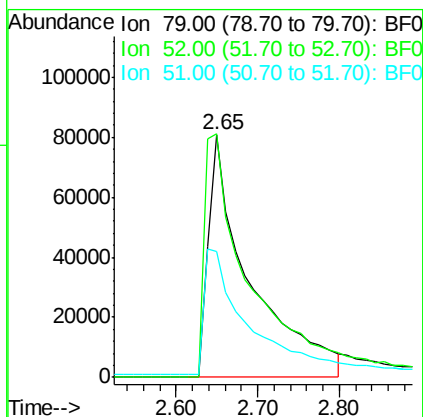
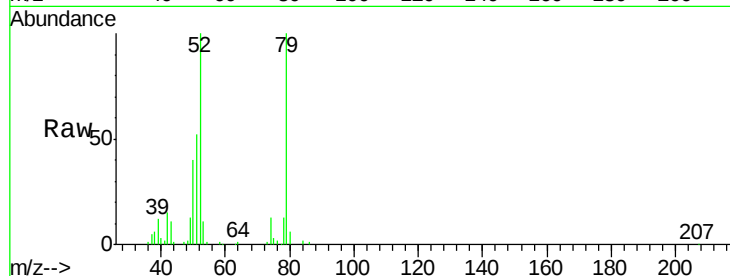
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Tgt Ion	Ratio	Resp	Lower	Upper
79	100	287375		
52	100.4	55.9	83.9#	
51	51.9	28.1	42.1#	



#4

n-Nitrosodimethylamine

Concen: 42.30 ng

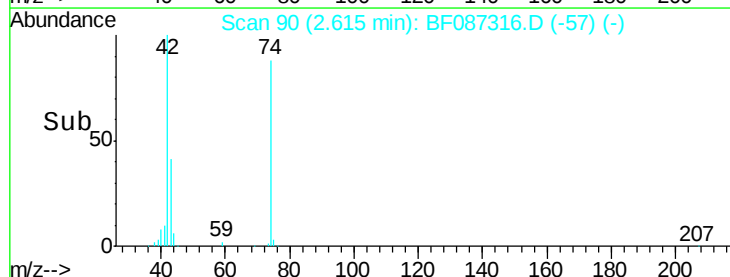
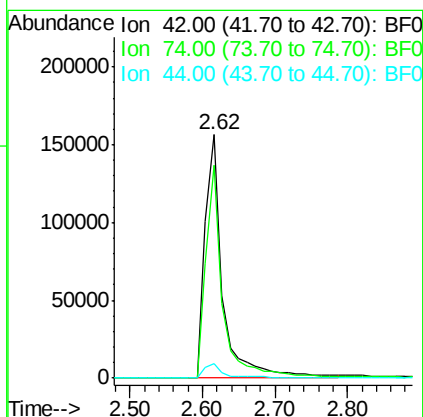
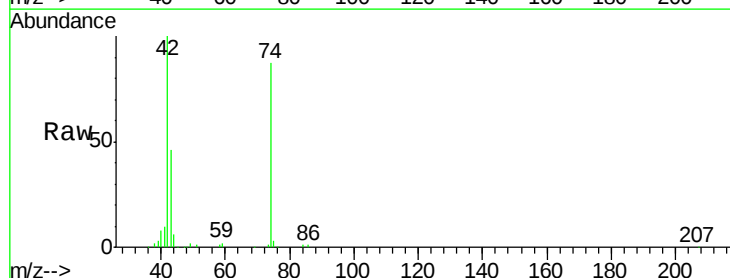
RT: 2.62 min Scan# 90

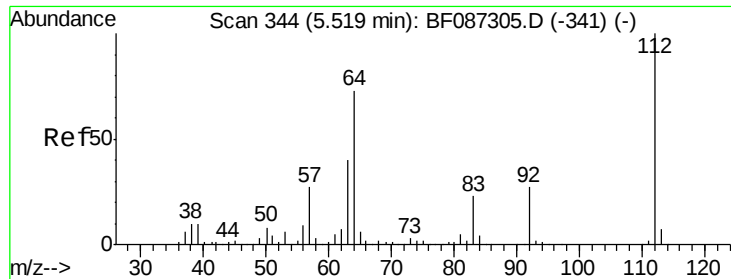
Delta R.T. 0.08 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	263775		
74	87.2	123.4	185.0#	
44	6.2	5.8	8.6	





#5

2-Fluorophenol

Concen: 135.73 ng

RT: 5.54 min Scan# 346

Delta R.T. 0.02 min

Lab File: BF087316.D

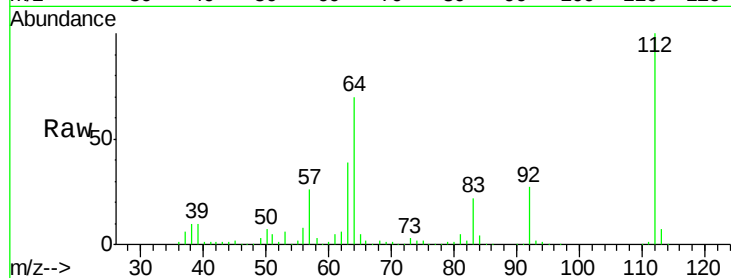
Acq: 23 May 2016 23:58

Instrument :

BNA_F

ClientSampleId :

PB90822BS



Tgt Ion: 112 Resp: 952278

Ion Ratio Lower Upper

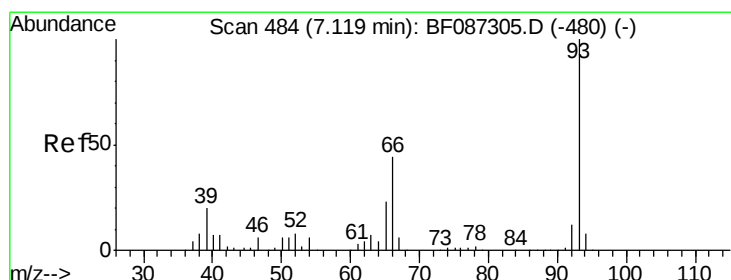
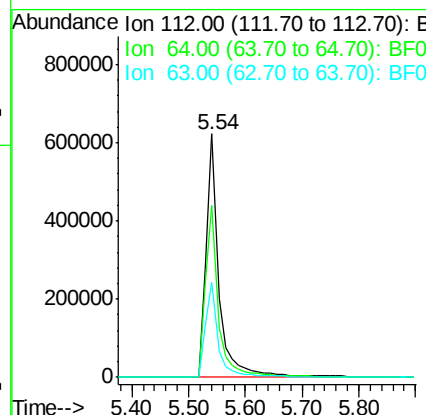
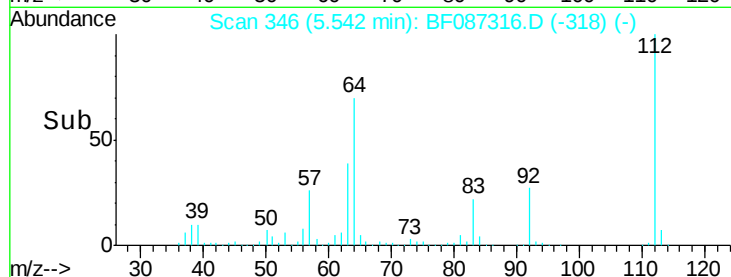
112 100

64 70.5 52.1 78.1

63 38.9 25.7 38.5#

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#6

Aniline

Concen: 24.56 ng

RT: 7.12 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

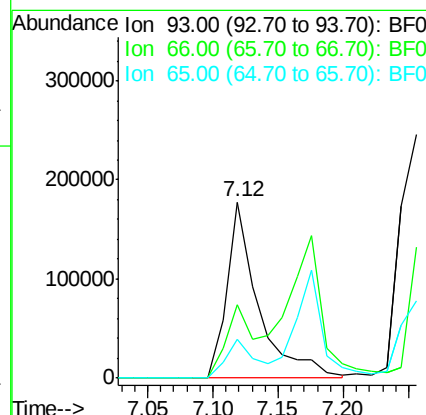
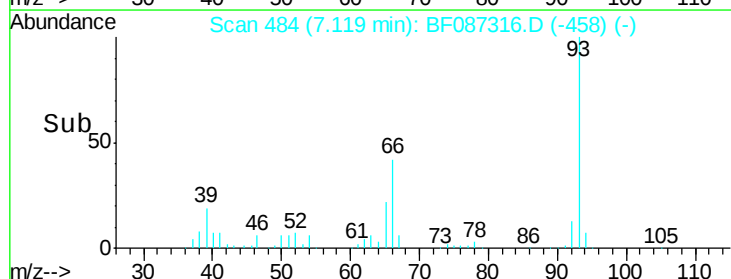
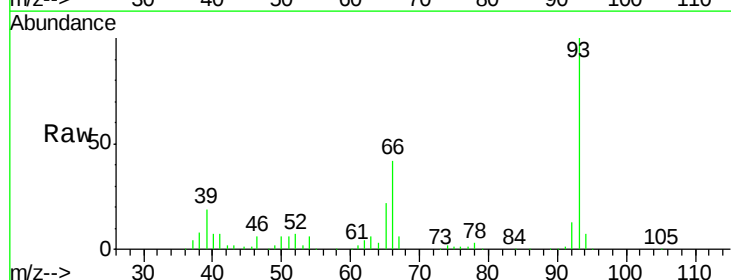
Tgt Ion: 93 Resp: 301183

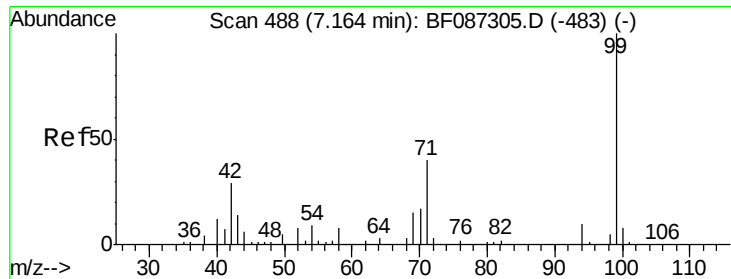
Ion Ratio Lower Upper

93 100

66 41.8 39.0 58.6

65 21.8 20.6 31.0





#7

Phenol-d6

Concen: 127.57 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 99 Resp: 1209427

Ion Ratio Lower Upper

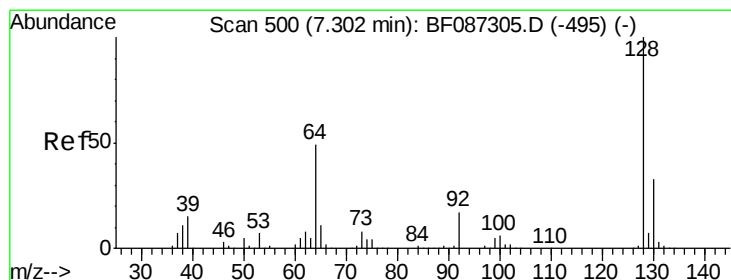
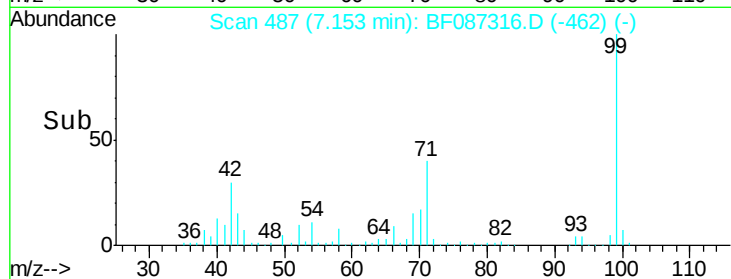
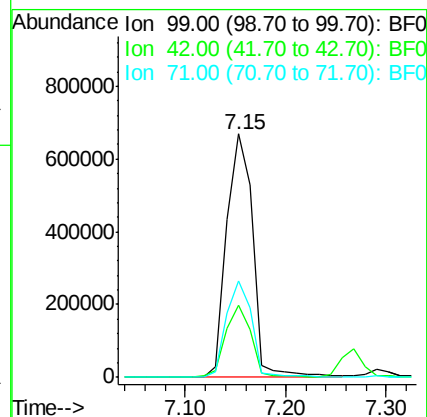
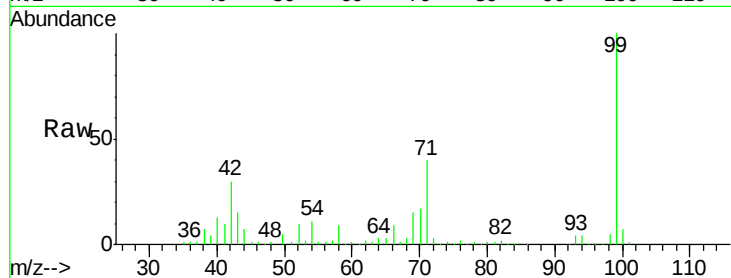
99 100

42 29.9 13.6 20.4#

71 39.8 24.6 36.8#

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#8

2-Chlorophenol

Concen: 42.87 ng

RT: 7.29 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

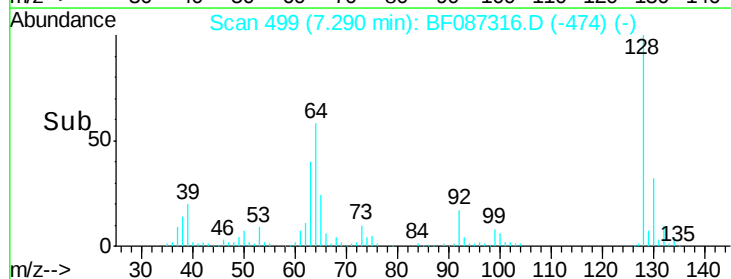
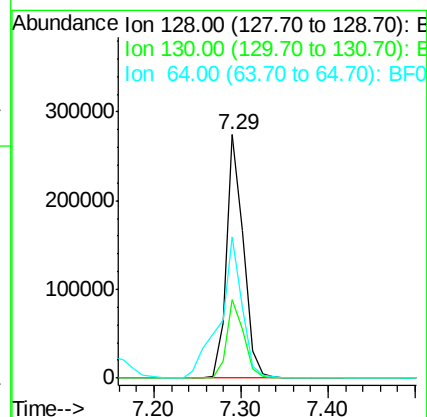
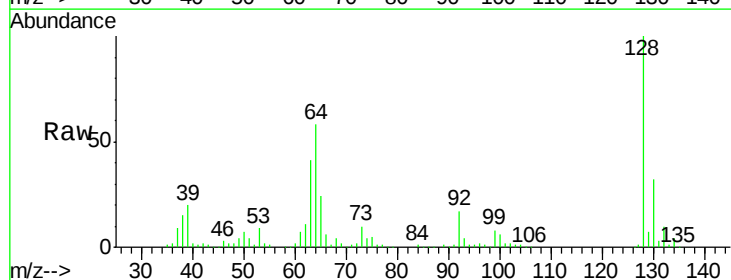
Tgt Ion: 128 Resp: 375116

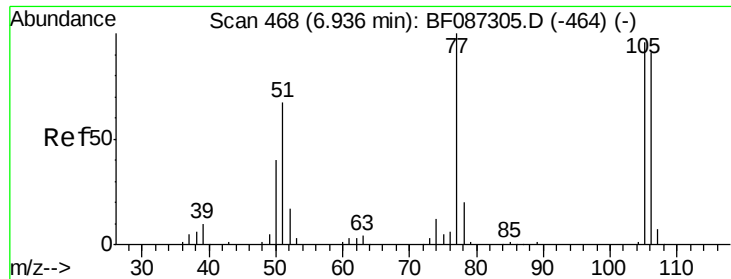
Ion Ratio Lower Upper

128 100

130 32.3 12.5 52.5

64 57.9 27.3 67.3





#9

Benzaldehyde

Concen: 11.31 ng

RT: 6.96 min Scan# 470

Delta R.T. 0.02 min

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ClientSampleId :

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Tgt Ion: 77 Resp: 59179

Ion Ratio Lower Upper

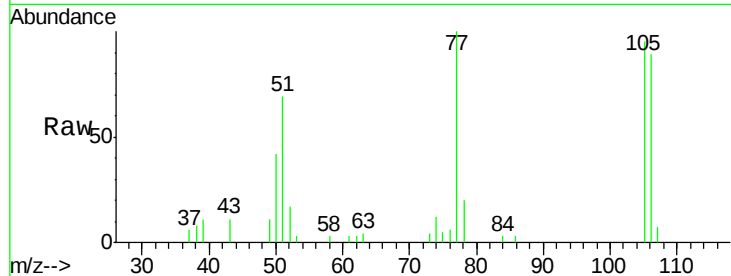
77 100

105 95.0 72.7 112.7

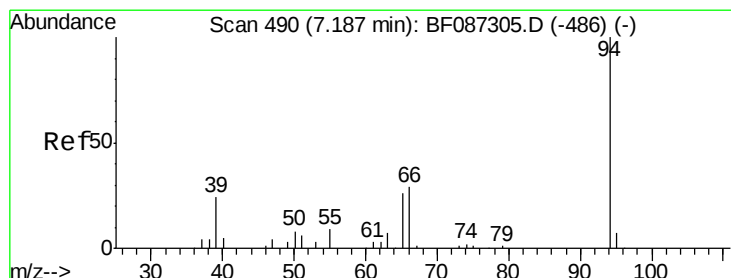
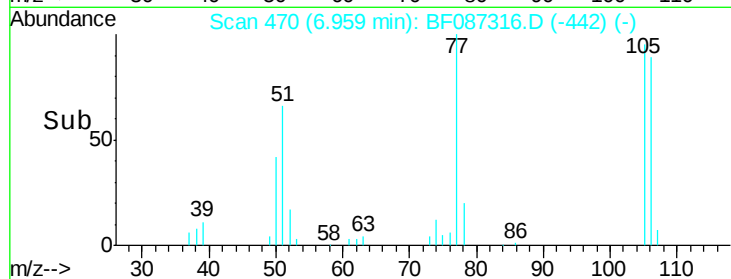
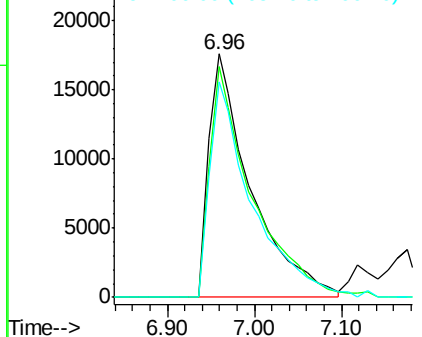
106 88.6 70.8 110.8

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Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): B
Ion 106.00 (105.70 to 106.70): B



#10

Phenol

Concen: 43.70 ng

RT: 7.18 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

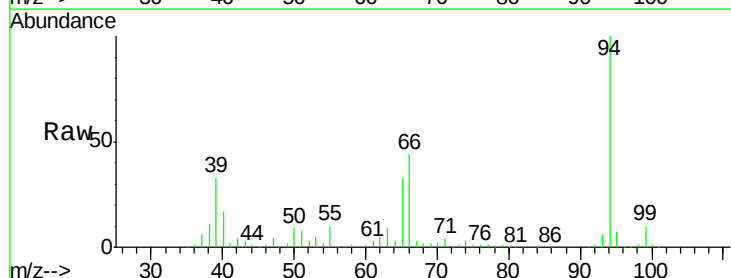
Tgt Ion: 94 Resp: 452409

Ion Ratio Lower Upper

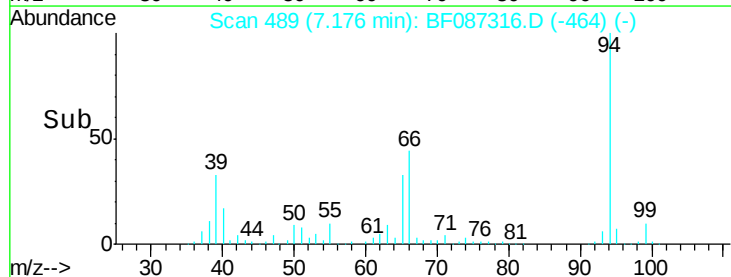
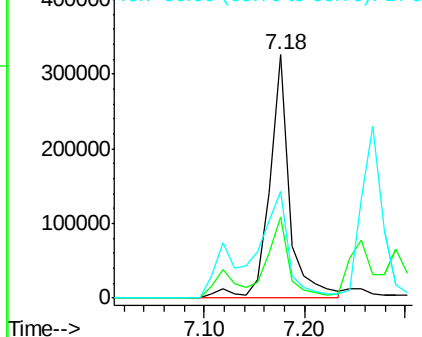
94 100

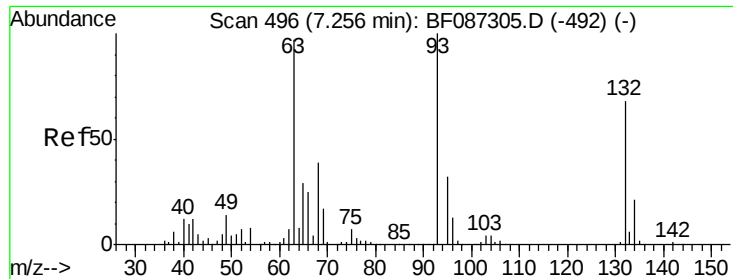
65 33.3 7.2 47.2

66 43.9 14.9 54.9



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 42.05 ng

RT: 7.26 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

Instrument :

BNA_F

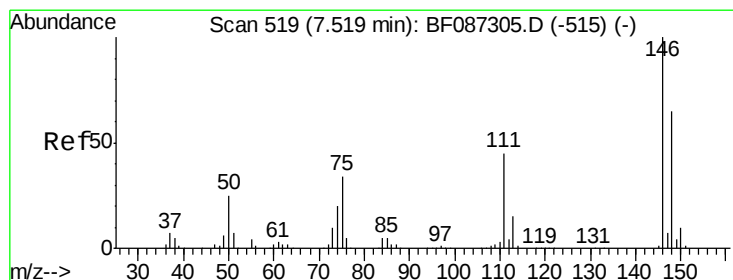
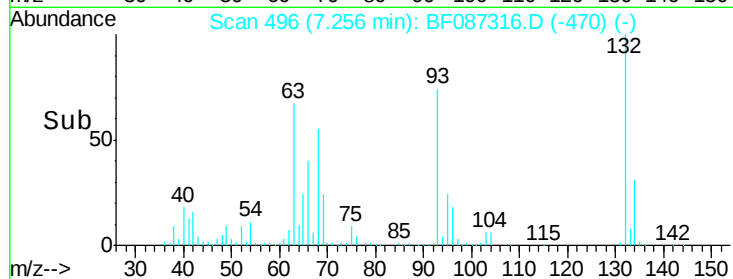
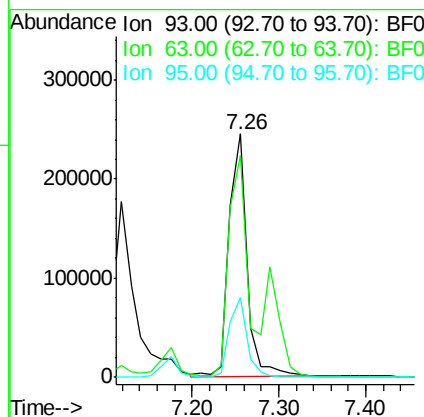
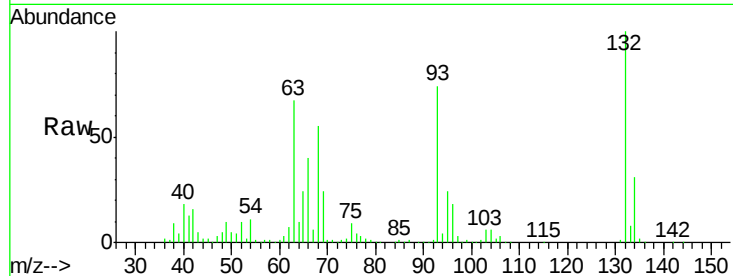
ClientSampleId :

PB90822BS

Tgt Ion:	93	Resp:	352306
Ion Ratio	Lower	Upper	
93	100		
63	91.3	58.0	98.0
95	32.9	11.9	51.9

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#12

1,3-Dichlorobenzene

Concen: 39.54 ng

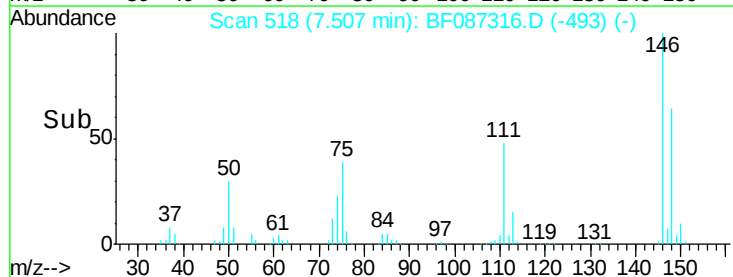
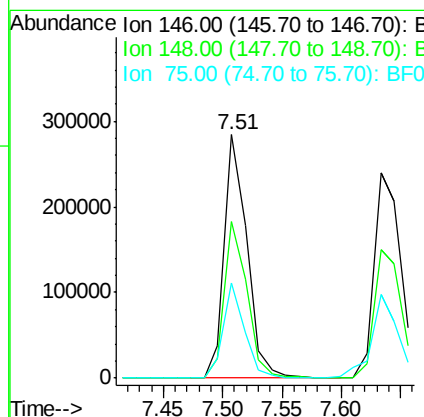
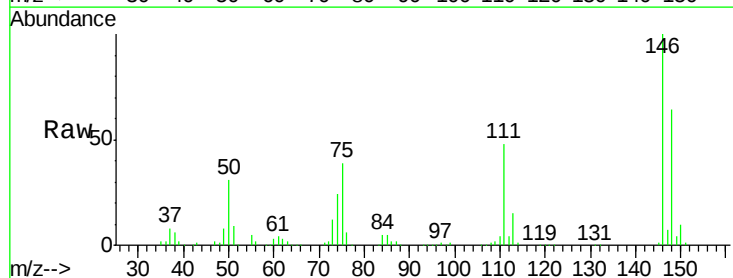
RT: 7.51 min Scan# 518

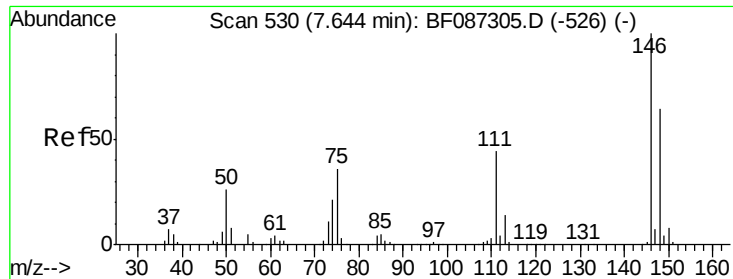
Delta R.T. -0.01 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

Tgt Ion:	146	Resp:	377301
Ion Ratio	Lower	Upper	
146	100		
148	64.2	52.4	78.6
75	39.2	22.8	34.2#





#13

1,4-Dichlorobenzene

Concen: 40.20 ng m

RT: 7.63 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

Instrument :

BNA_F

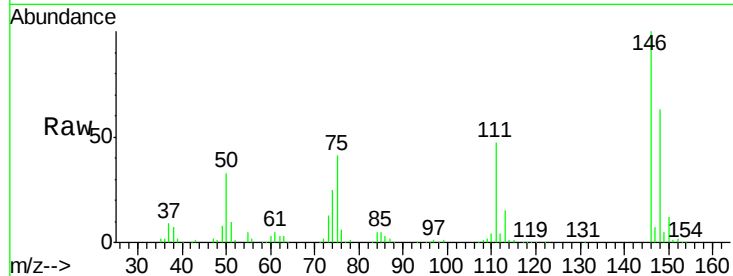
ClientSampleId :

PB90822BS

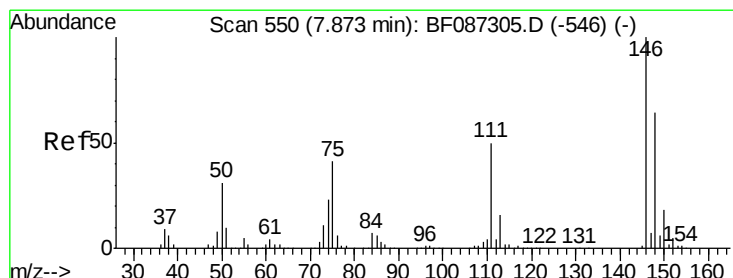
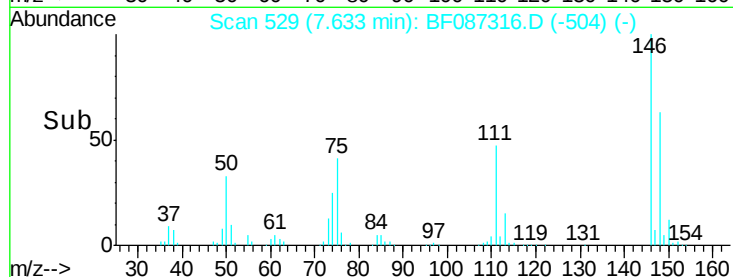
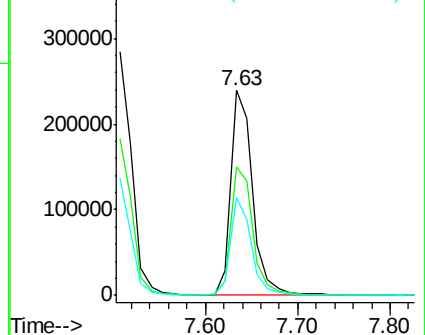
Tgt Ion:	146	Resp:	393875
Ion Ratio	Lower	Upper	
146	100		
148	62.8	52.2	78.4
111	47.4	30.7	46.1#

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.28 ng

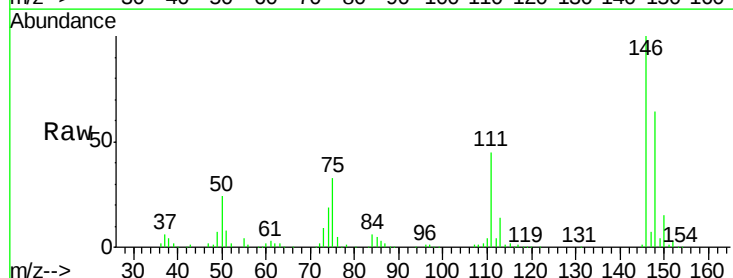
RT: 7.87 min Scan# 550

Delta R.T. 0.00 min

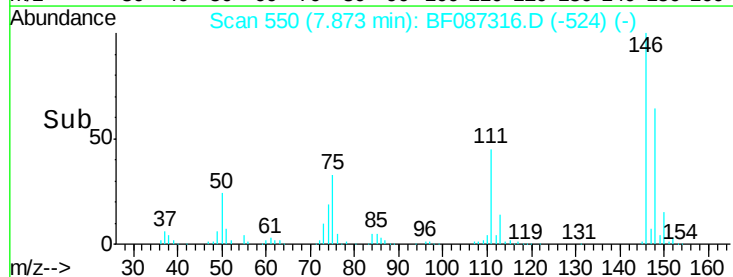
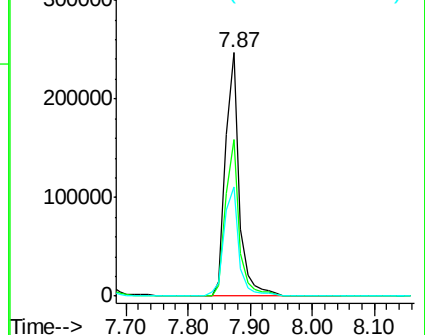
Lab File: BF087316.D

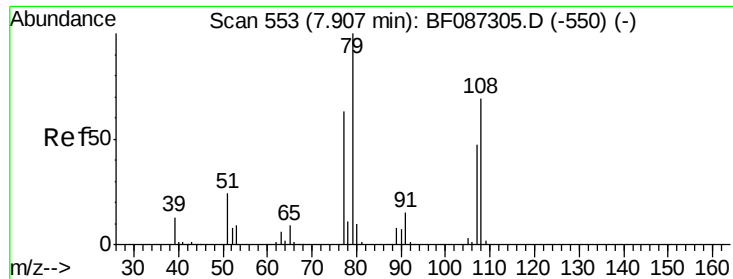
Acq: 23 May 2016 23:58

Tgt Ion:	146	Resp:	374113
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.0	76.6
111	45.1	36.2	54.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.82 ng

RT: 7.91 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

Instrument :

BNA_F

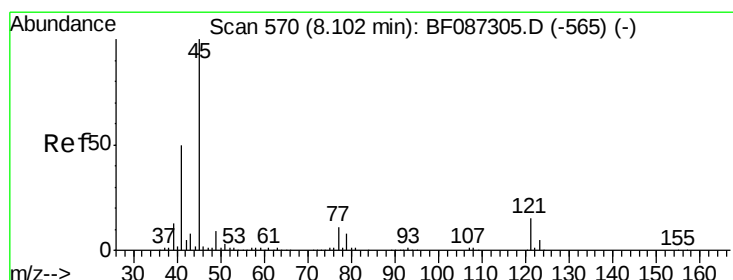
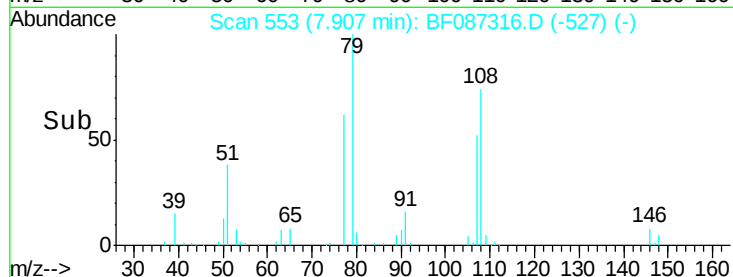
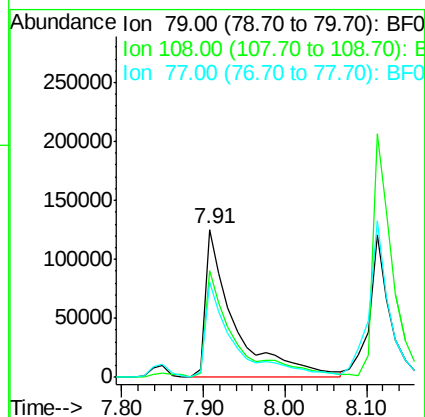
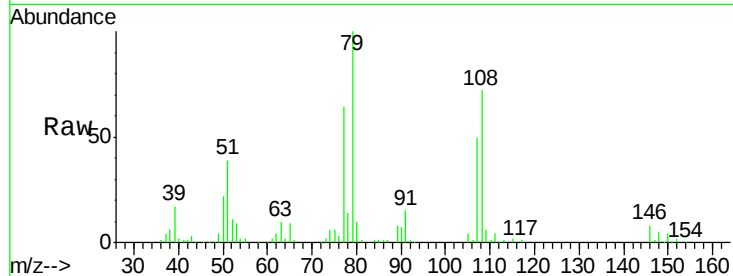
ClientSampleId :

PB90822BS

Tgt Ion:	79	Resp:	316707
Ion Ratio	Lower	Upper	
79	100		
108	72.3	68.4	102.6
77	64.3	50.6	76.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.90 ng

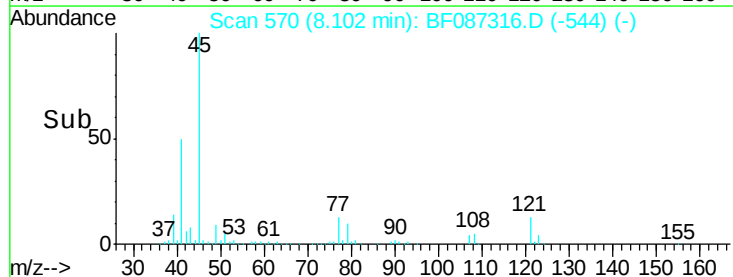
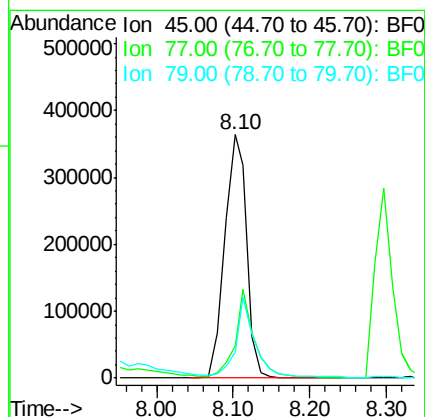
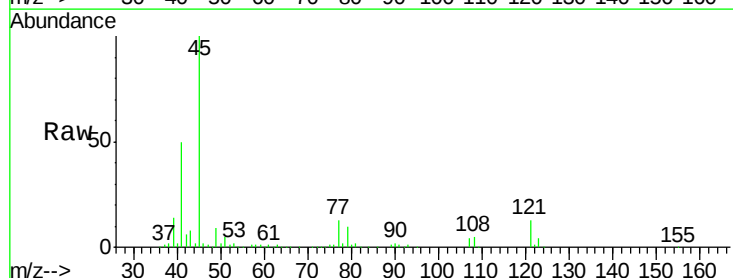
RT: 8.10 min Scan# 570

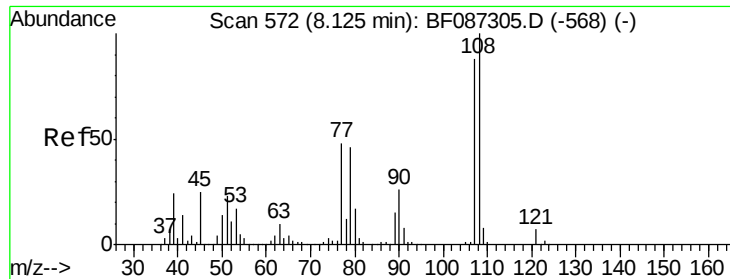
Delta R.T. 0.00 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

Tgt Ion:	45	Resp:	733391
Ion Ratio	Lower	Upper	
45	100		
77	13.1	0.0	36.4
79	10.5	0.0	33.4





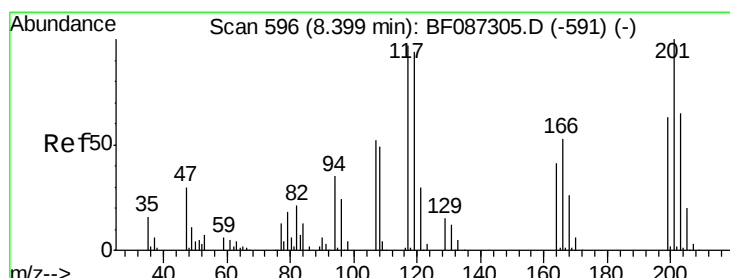
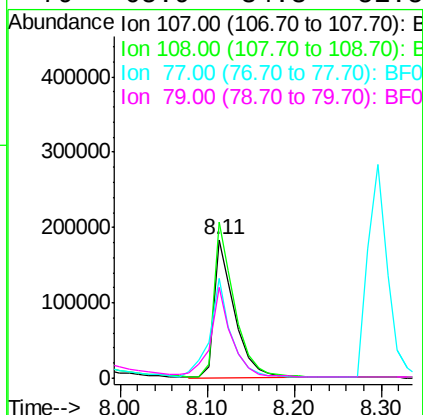
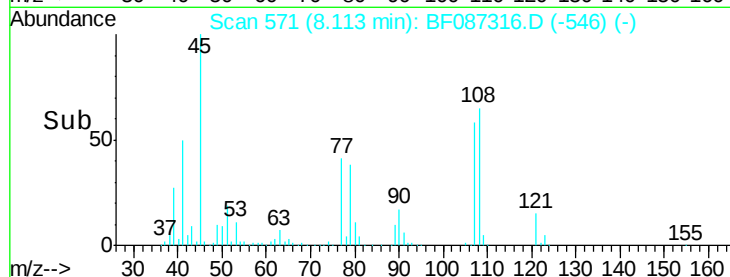
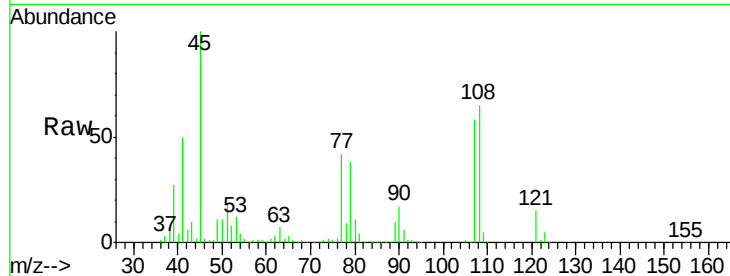
#17
2-Methylphenol
Concen: 43.04 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

Instrument :
BNA_F
ClientSampleId :
PB90822BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	301807		
108	112.5	93.7	140.5	
77	72.1	33.4	50.0	
79	65.9	34.3	51.5	

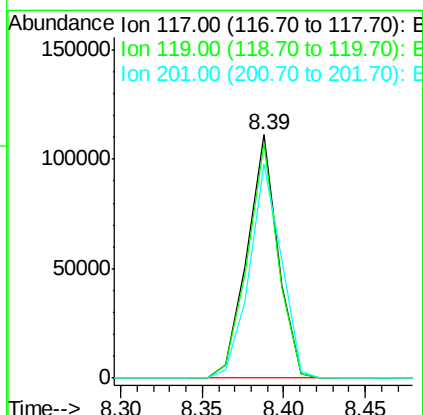
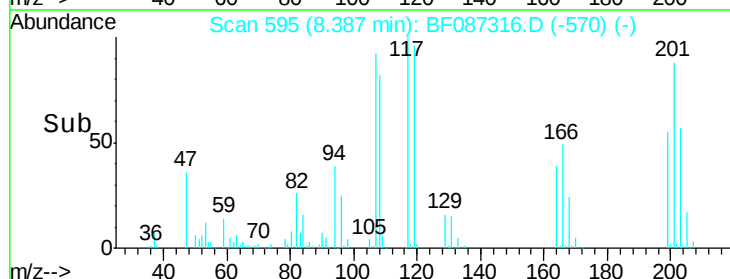
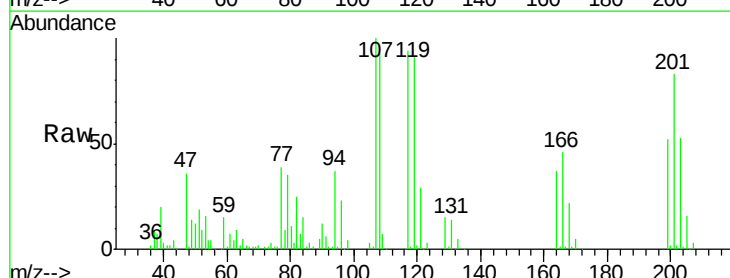
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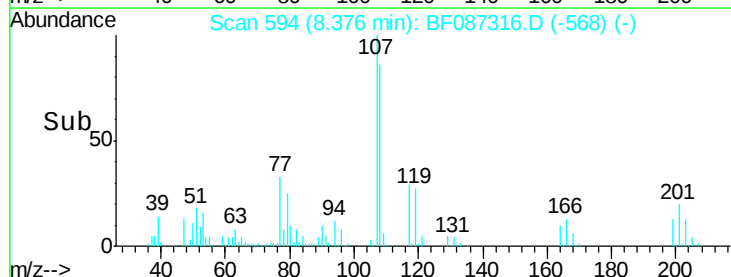
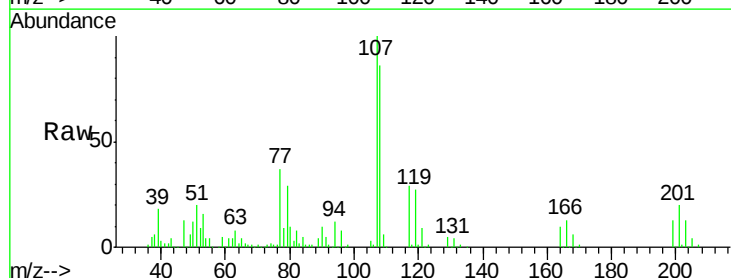
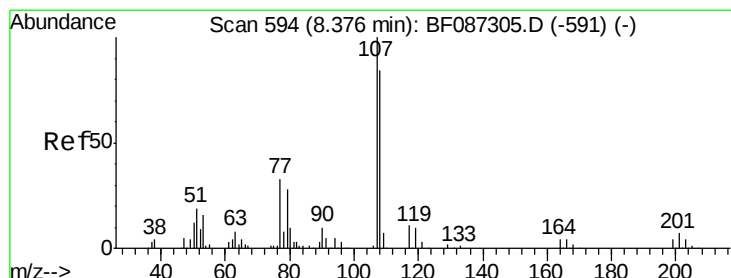
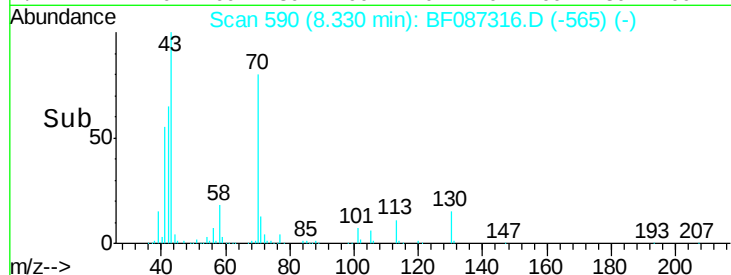
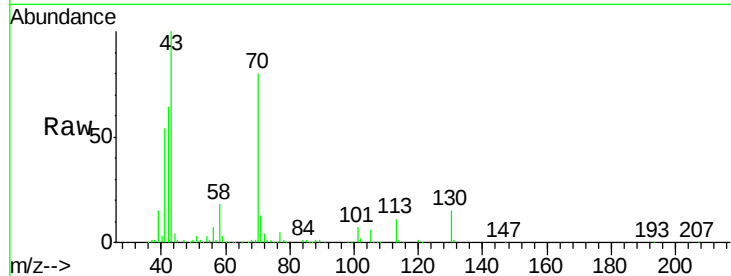
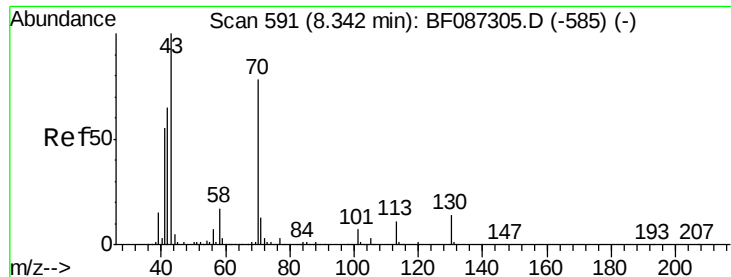
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#18
Hexachloroethane
Concen: 39.89 ng
RT: 8.39 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	145797		
119	96.5	76.5	114.7	
201	87.8	63.0	94.6	





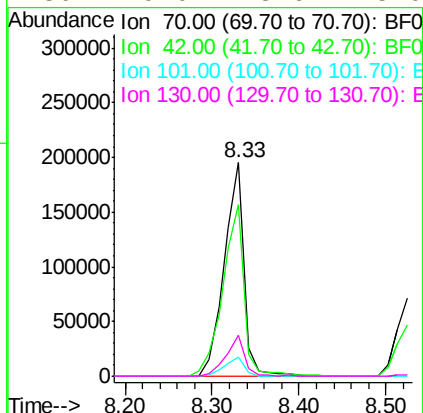
#19
n-Nitroso-di-n-propylamine
Concen: 43.70 ng
RT: 8.33 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

Instrument :
BNA_F
ClientSampleId :
PB90822BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
70	100		
42	80.5	43.1	64.7#
101	9.1	8.1	12.1
130	19.0	18.6	28.0

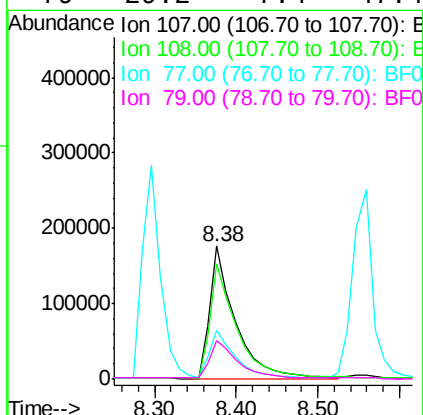
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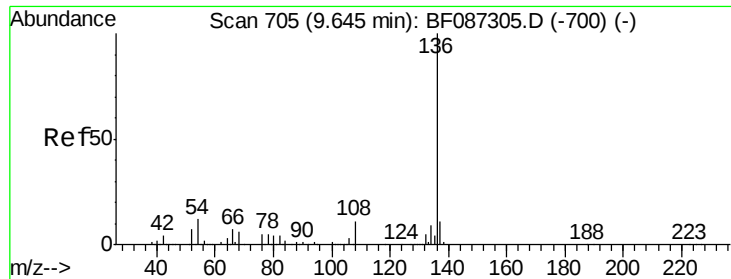
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#20
3+4-Methylphenols
Concen: 45.34 ng
RT: 8.38 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	86.2	68.5	108.5
77	36.9	101.6	141.6#
79	29.2	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF087316.D

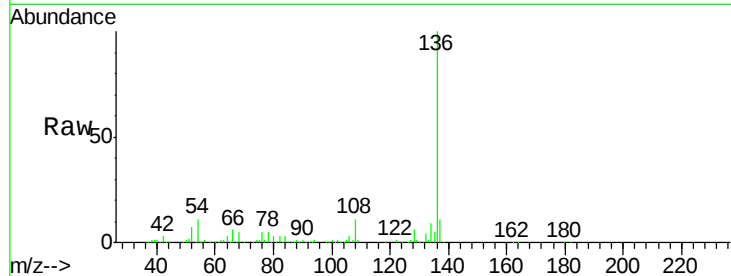
Acq: 23 May 2016 23:58

Instrument :

BNA_F

ClientSampleId :

PB90822BS



Tgt Ion:136 Resp: 505639

Ion Ratio Lower Upper

136 100

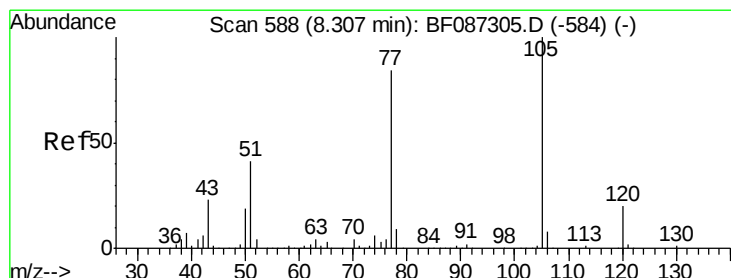
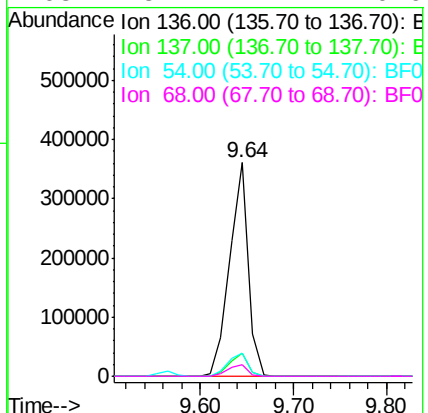
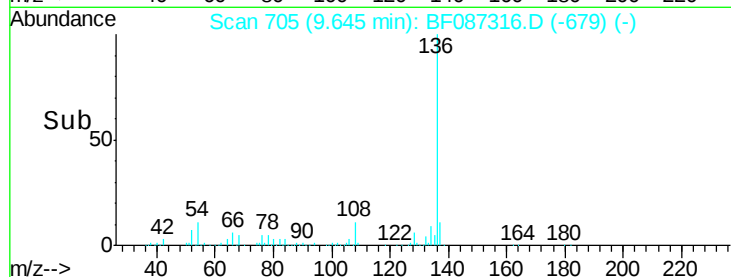
137 10.7 8.8 13.2

54 10.6 5.0 7.4#

68 5.4 4.4 6.6

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#22

Acetophenone

Concen: 44.74 ng

RT: 8.30 min Scan# 587

Delta R.T. -0.01 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

Tgt Ion:105 Resp: 540497

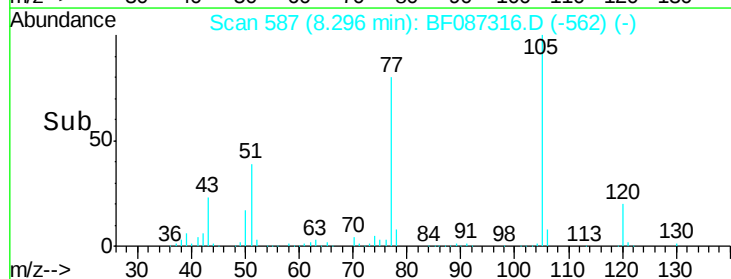
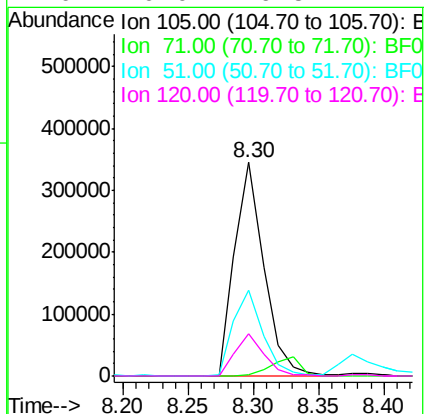
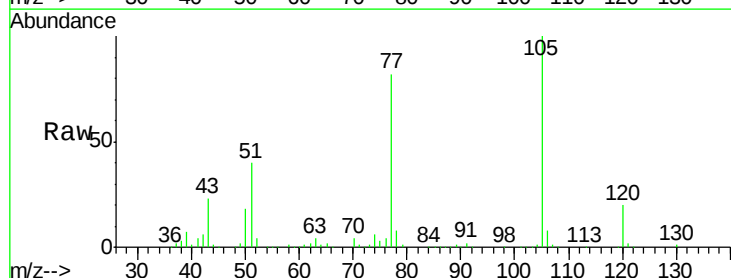
Ion Ratio Lower Upper

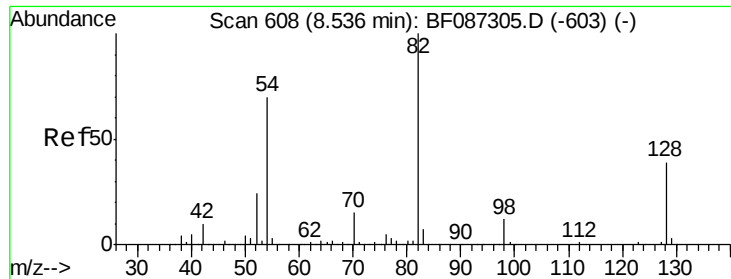
105 100

71 0.8 4.8 7.2#

51 40.3 32.6 49.0

120 20.0 16.5 24.7





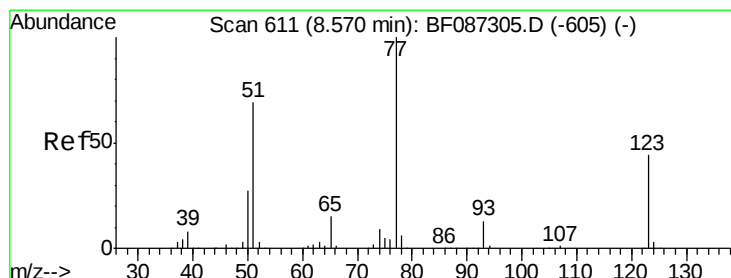
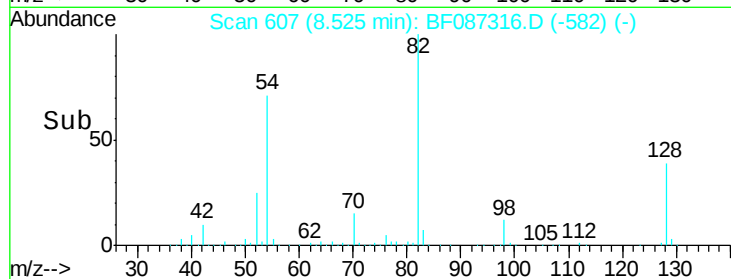
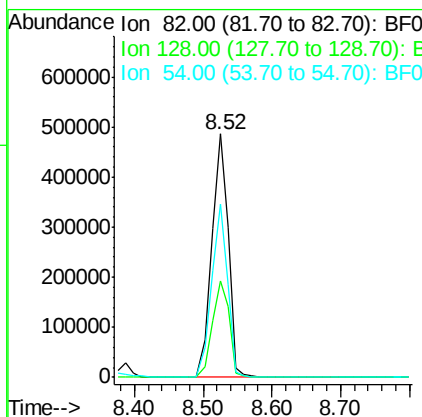
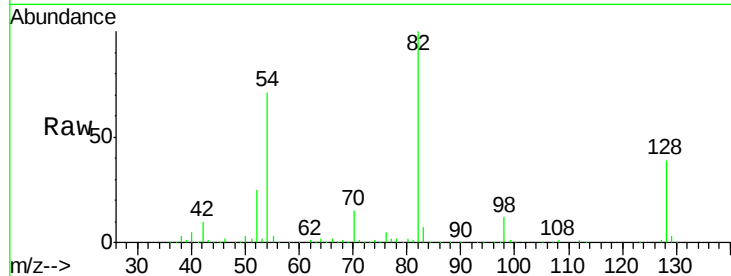
#23
Nitrobenzene-d5
Concen: 81.85 ng
RT: 8.52 min Scan# 607
Delta R.T. -0.01 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

Instrument :
BNA_F
ClientSampleId :
PB90822BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.3	40.6	61.0#
54	71.0	38.1	57.1#

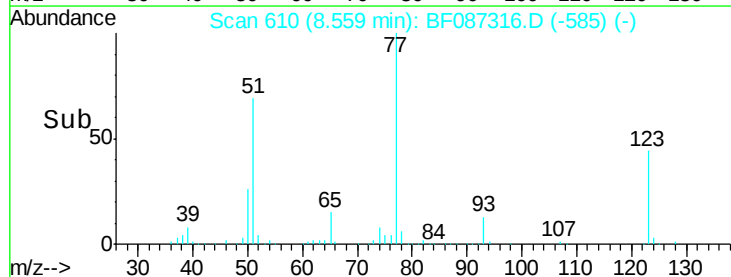
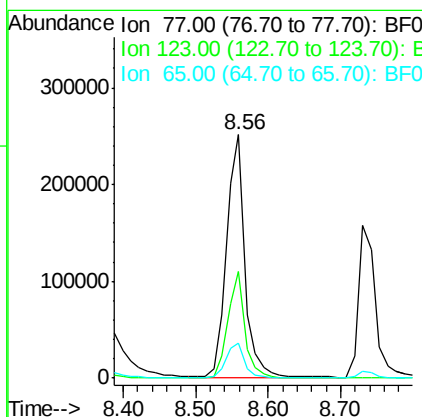
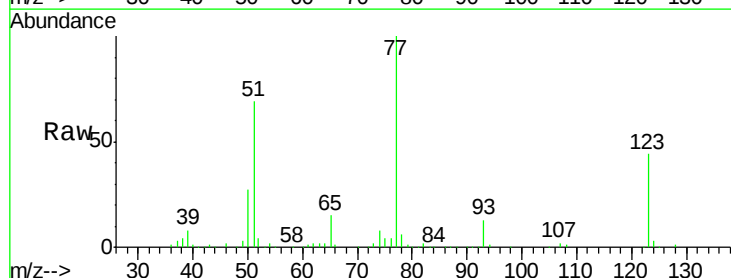
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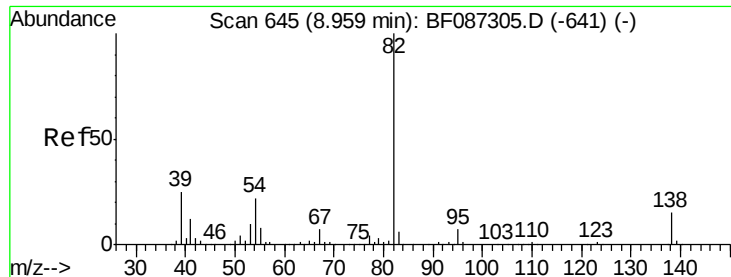
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#24
Nitrobenzene
Concen: 41.08 ng
RT: 8.56 min Scan# 610
Delta R.T. -0.01 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.8	33.0	49.4
65	14.6	10.8	16.2





#25

Isophorone

Concen: 42.22 ng

RT: 8.95 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

Instrument :

BNA_F

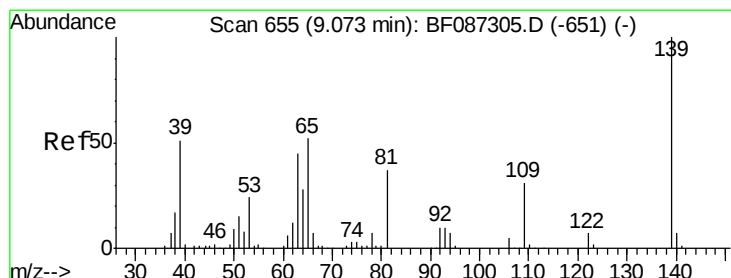
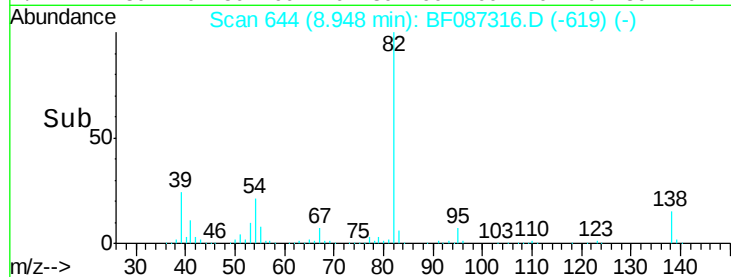
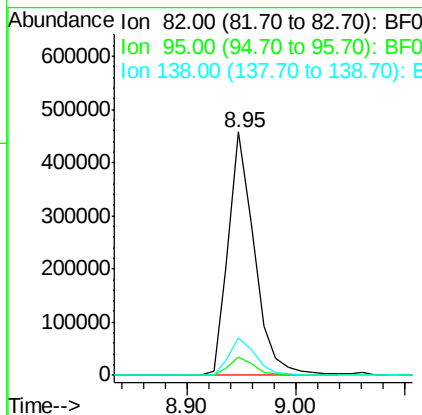
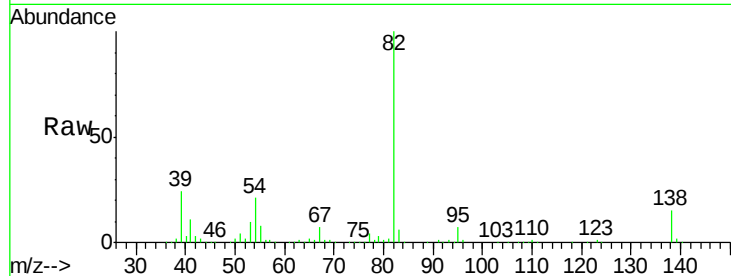
ClientSampleId :

PB90822BS

Tgt Ion:	82	Resp:	759650
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.1	7.7
138	15.4	12.4	18.6

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#26

2-Nitrophenol

Concen: 44.05 ng

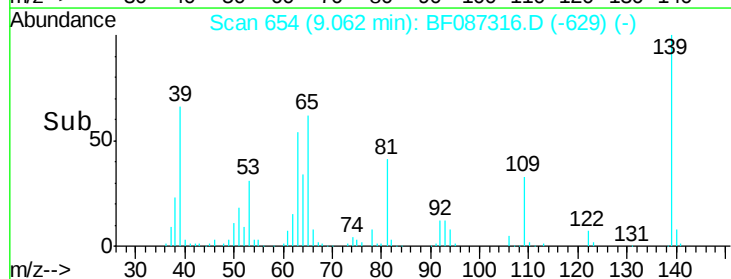
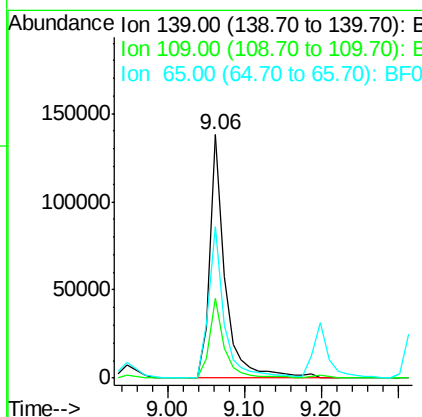
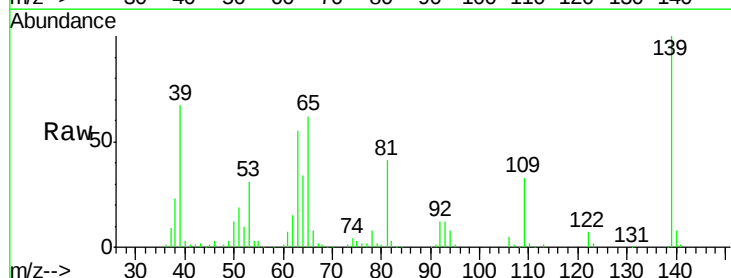
RT: 9.06 min Scan# 654

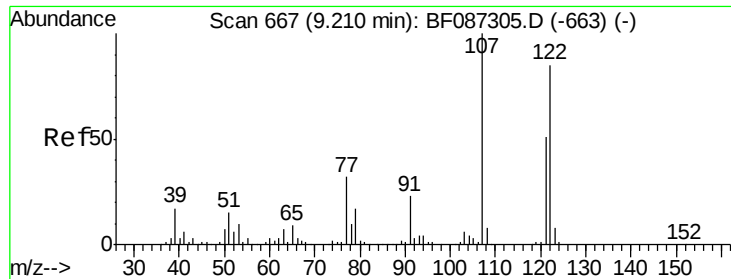
Delta R.T. -0.01 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

Tgt Ion:	139	Resp:	190676
Ion Ratio	Lower	Upper	
139	100		
109	33.0	19.5	29.3#
65	62.0	37.5	56.3#





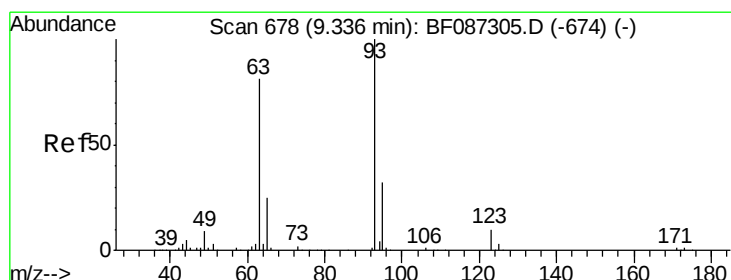
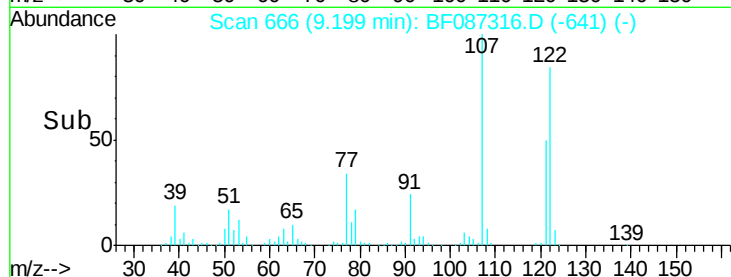
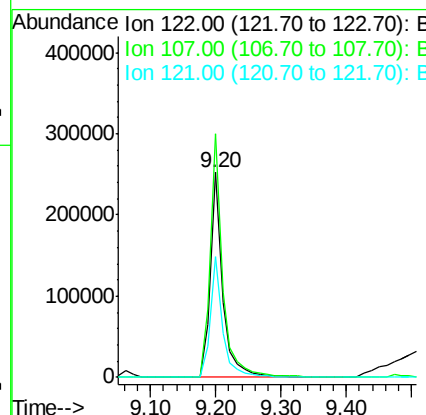
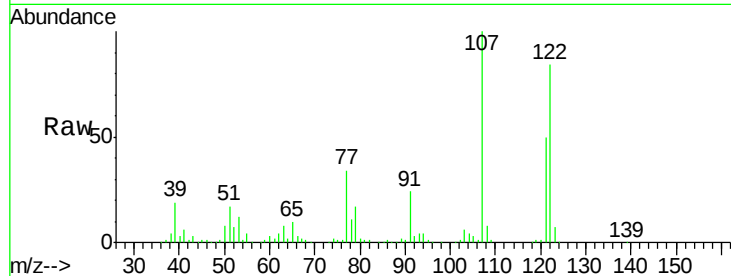
#27
 2,4-Dimethylphenol
 Concen: 44.68 ng
 RT: 9.20 min Scan# 666
 Delta R.T. -0.01 min
 Lab File: BF087316.D
 Acq: 23 May 2016 23:58

Instrument :
 BNA_F
 ClientSampleId :
 PB90822BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	335738		
107	119.0	82.0	123.0	
121	59.1	46.1	69.1	

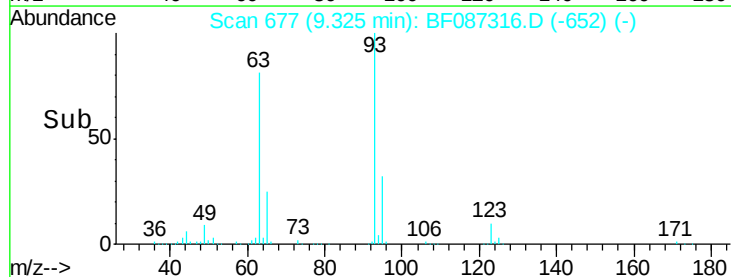
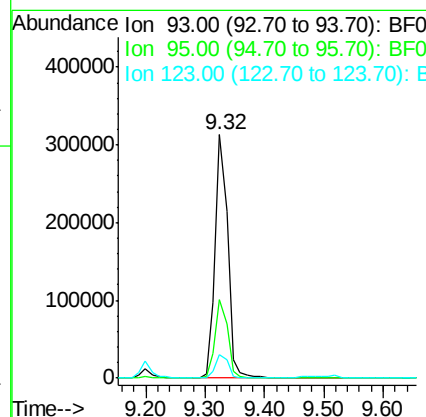
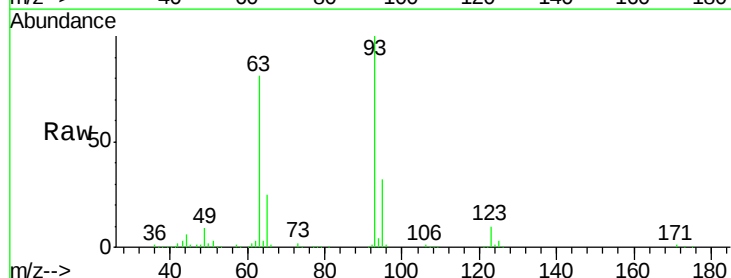
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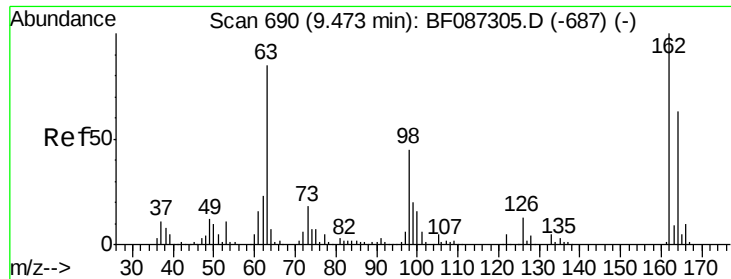
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#28
 bis(2-Chloroethoxy)methane
 Concen: 45.87 ng
 RT: 9.32 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: BF087316.D
 Acq: 23 May 2016 23:58

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	464939		
95	32.3	26.0	39.0	
123	9.7	9.5	14.3	





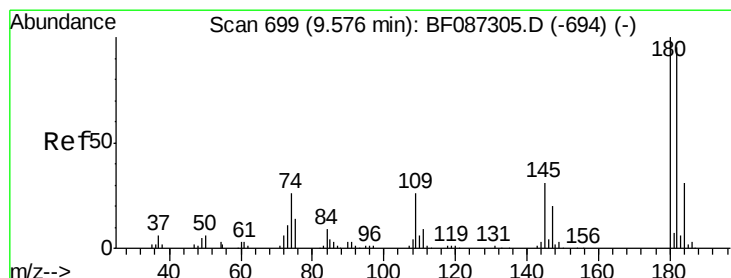
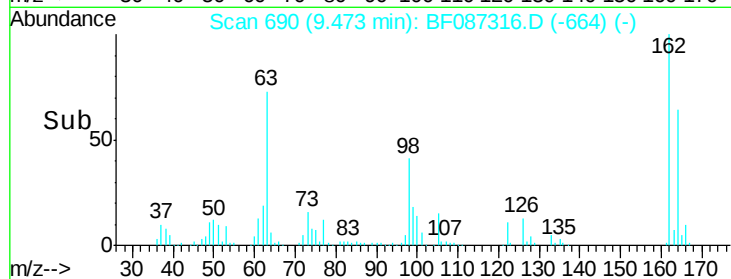
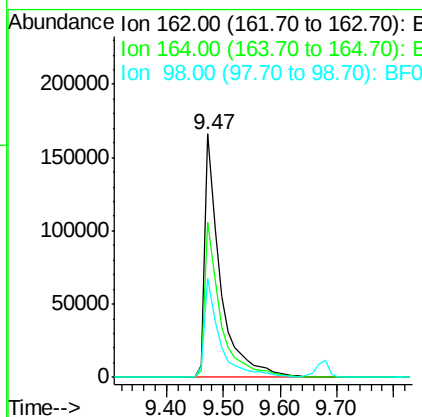
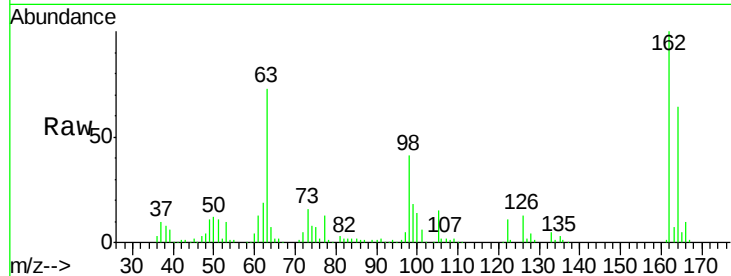
#29
 2,4-Dichlorophenol
 Concen: 44.97 ng
 RT: 9.47 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF087316.D
 Acq: 23 May 2016 23:58

Instrument :
 BNA_F
 ClientSampleId :
 PB90822BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	304577		
164	63.7	42.2	82.2	
98	40.9	19.0	59.0	

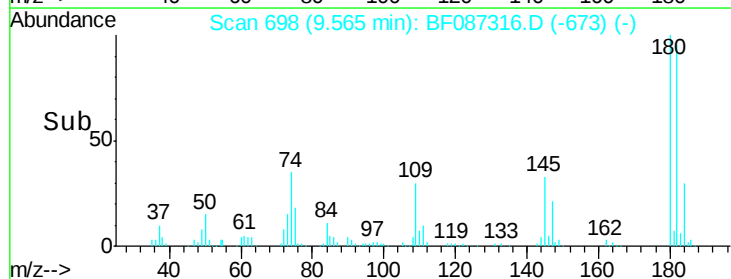
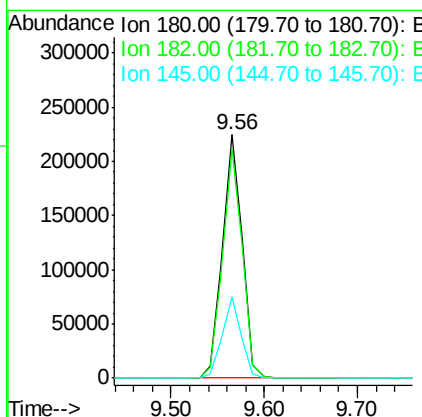
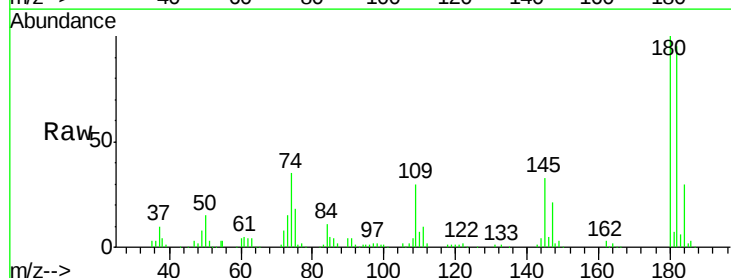
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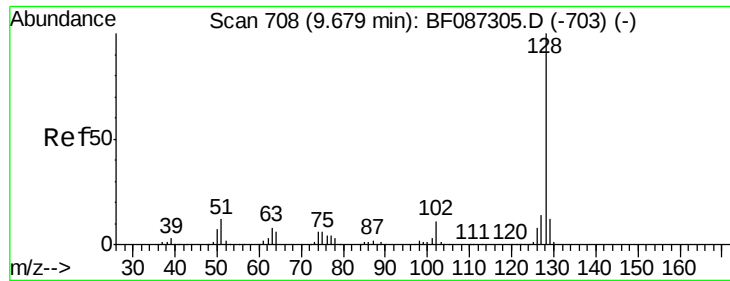
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.62 ng
 RT: 9.56 min Scan# 698
 Delta R.T. -0.01 min
 Lab File: BF087316.D
 Acq: 23 May 2016 23:58

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	330455		
182	94.5	78.0	117.0	
145	33.1	24.2	36.2	





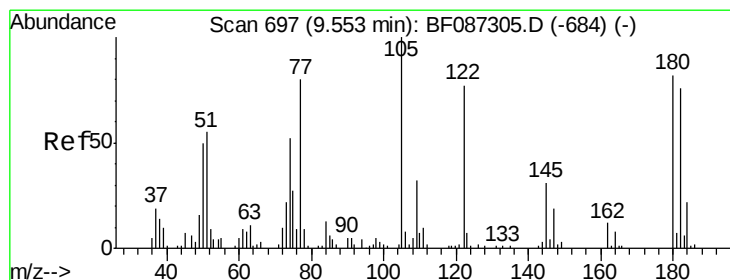
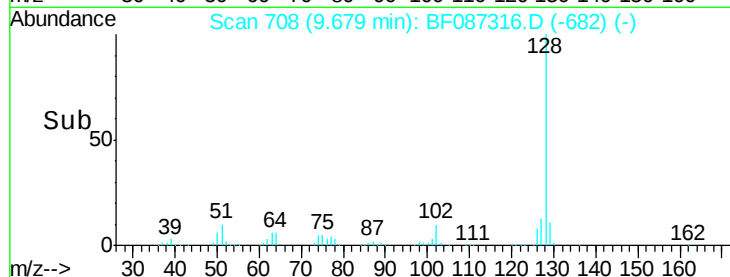
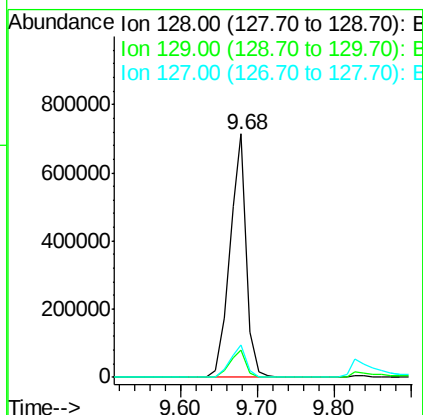
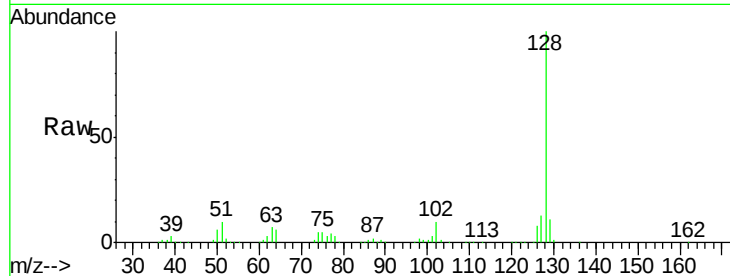
#31
Naphthalene
Concen: 42.57 ng
RT: 9.68 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

Instrument :
BNA_F
ClientSampleId :
PB90822BS

Tgt Ion:128 Resp: 1078676
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.4 10.8 16.2

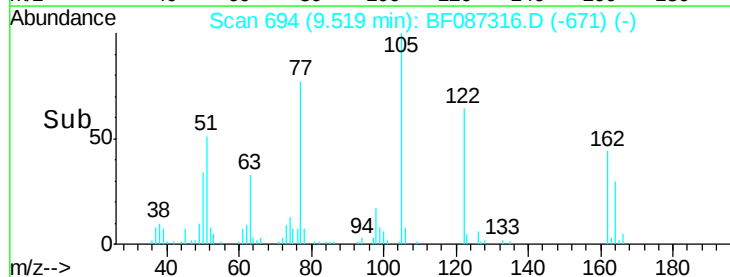
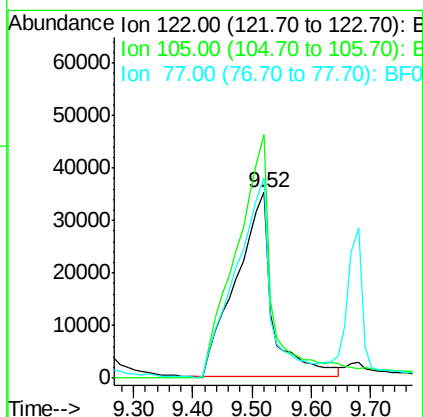
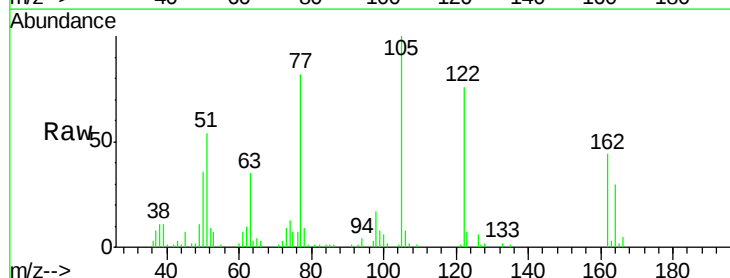
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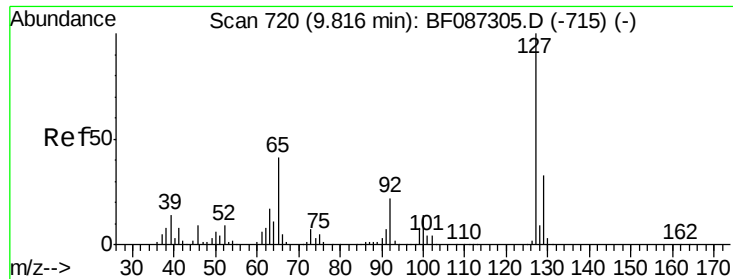
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#32
Benzoic acid
Concen: 39.70 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.03 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

Tgt Ion:122 Resp: 149212
Ion Ratio Lower Upper
122 100
105 131.1 92.6 132.6
77 107.7 60.0 100.0#





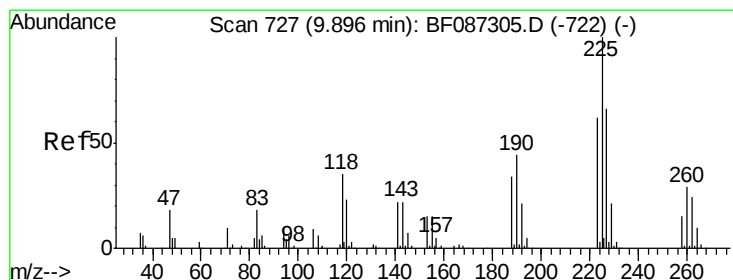
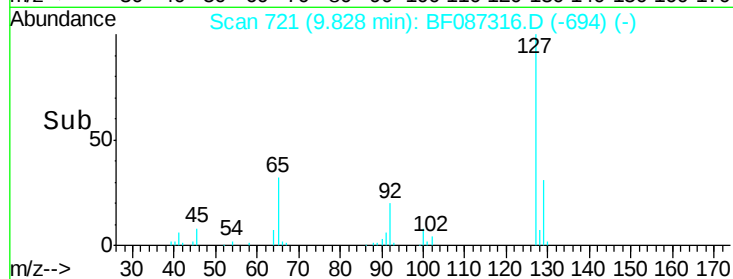
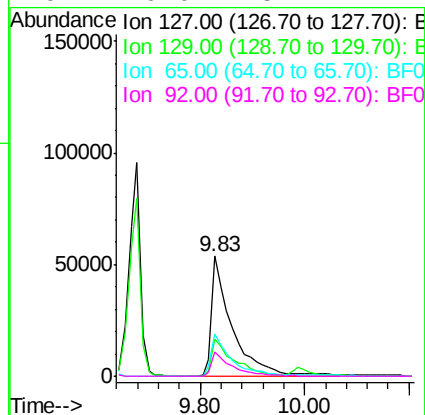
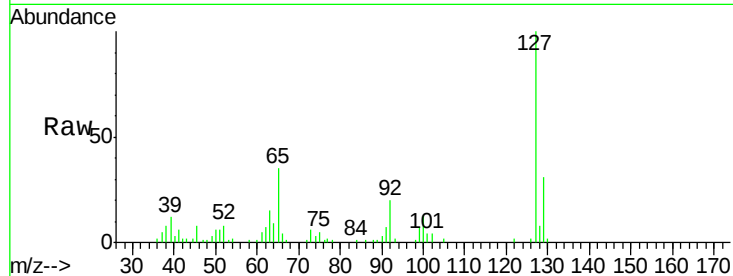
#33
4-Chloroaniline
Concen: 15.83 ng
RT: 9.83 min Scan# 721
Delta R.T. 0.01 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

Instrument :
BNA_F
ClientSampled :
PB90822BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	147714		
129	30.8	26.2	39.4	
65	35.0	23.0	34.4	
92	20.0	15.1	22.7	

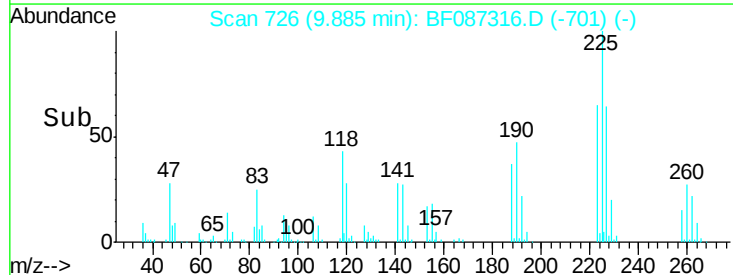
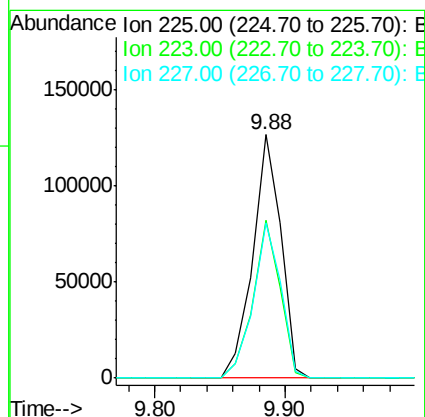
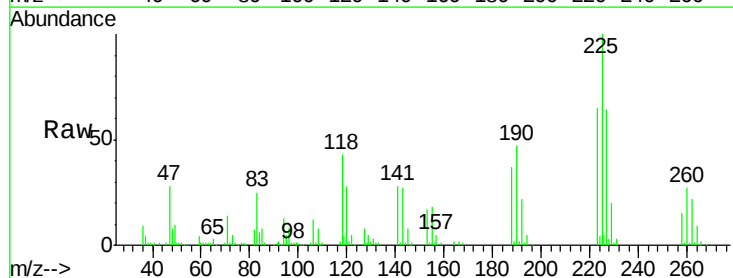
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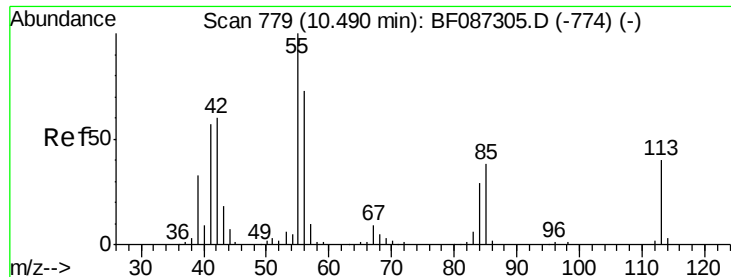
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#34
Hexachlorobutadiene
Concen: 40.47 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	190717		
223	64.6	51.5	77.3	
227	64.0	52.2	78.2	





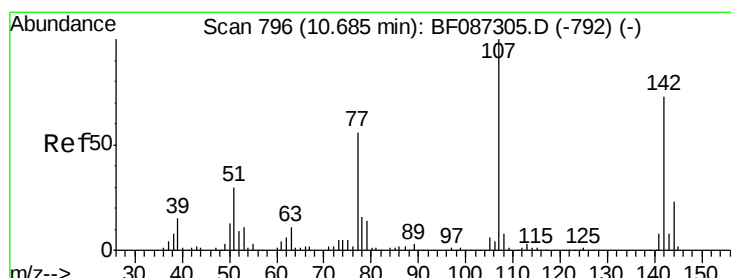
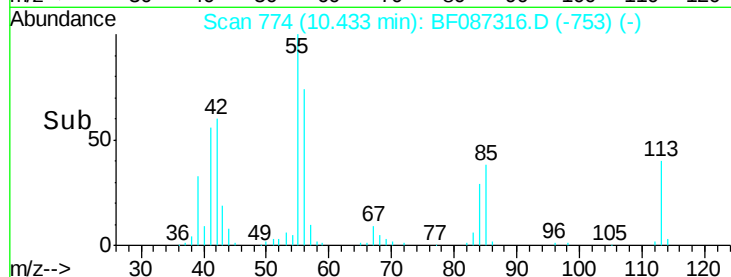
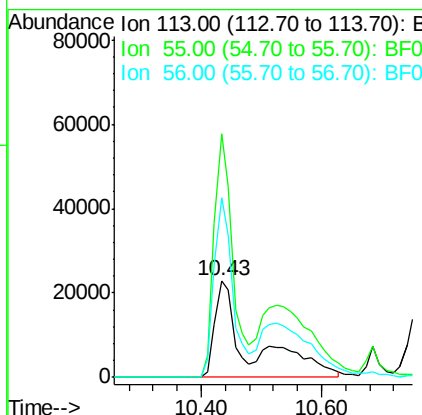
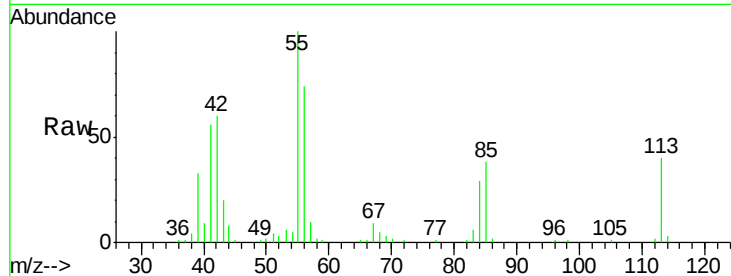
#35
 Caprolactam
 Concen: 46.65 ng m
 RT: 10.43 min Scan# 774
 Delta R.T. -0.06 min
 Lab File: BF087316.D
 Acq: 23 May 2016 23:58

Instrument :
 BNA_F
 ClientSampleId :
 PB90822BS

Tgt Ion:113 Resp: 92208
 Ion Ratio Lower Upper
 113 100
 55 251.0 162.0 202.0#
 56 185.4 115.3 155.3#

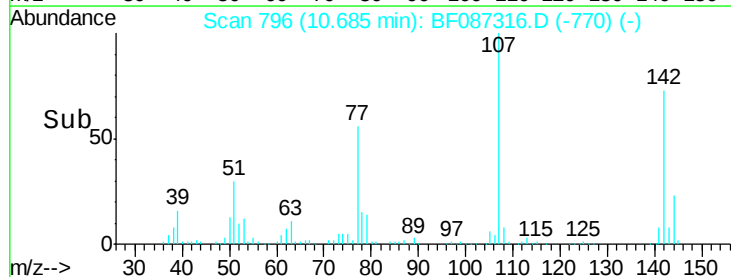
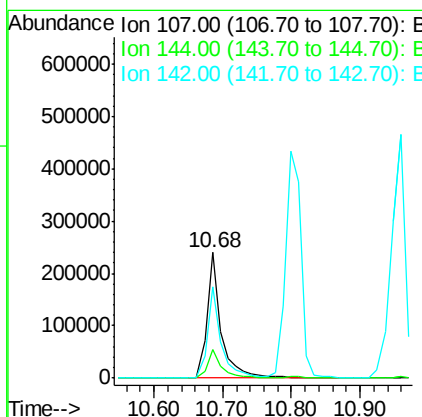
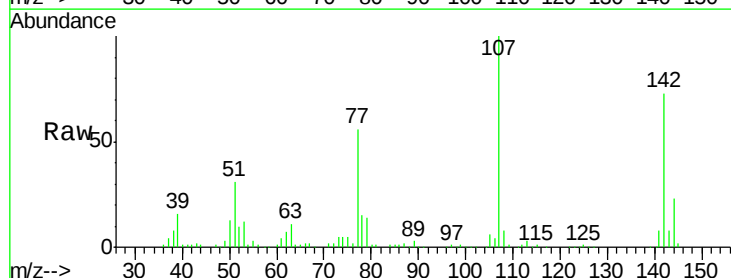
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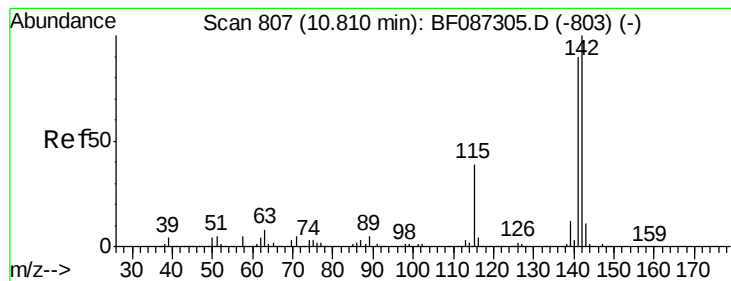
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#36
 4-Chloro-3-methylphenol
 Concen: 45.29 ng
 RT: 10.68 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF087316.D
 Acq: 23 May 2016 23:58

Tgt Ion:107 Resp: 346798
 Ion Ratio Lower Upper
 107 100
 144 23.2 20.7 31.1
 142 72.8 63.2 94.8





#37

2-Methylnaphthalene

Concen: 43.88 ng

RT: 10.80 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF087316.D

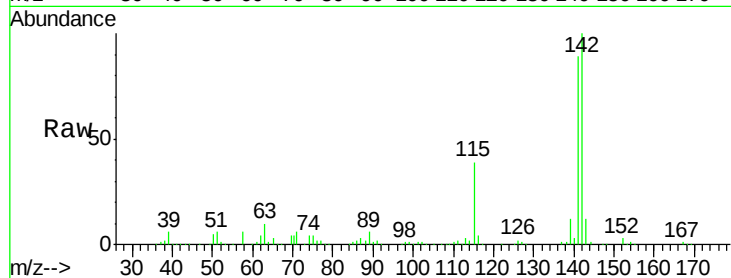
Acq: 23 May 2016 23:58

Instrument :

BNA_F

ClientSampleId :

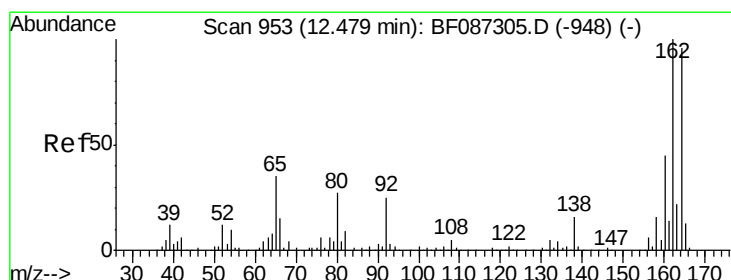
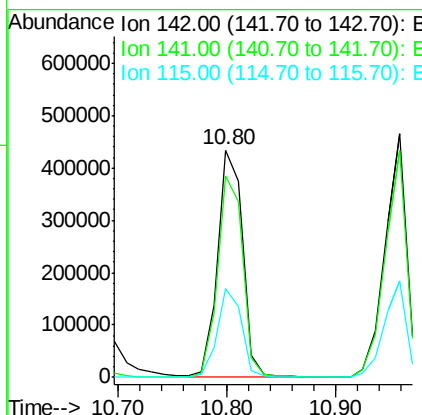
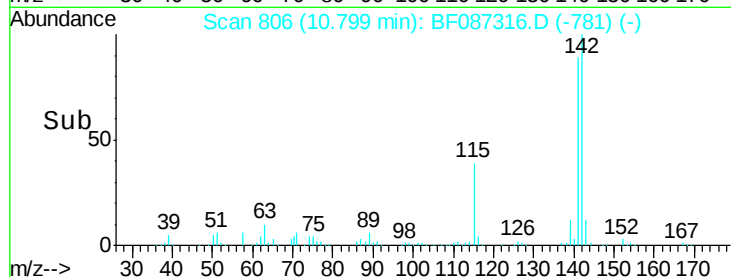
PB90822BS



Tgt Ion:	142	Resp:	694632
Ion Ratio	Lower	Upper	
142	100		
141	89.0	71.0	106.6
115	39.4	26.6	39.8

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#38

Acenaphthene-d10

Concen: 20.00 ng

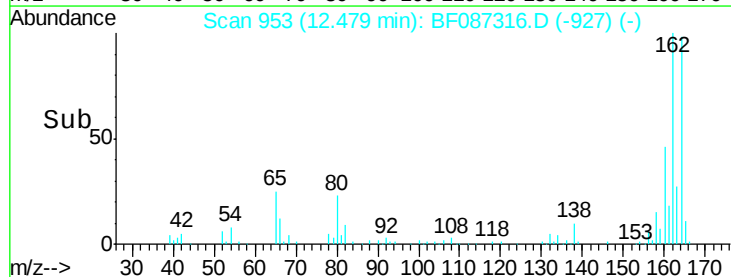
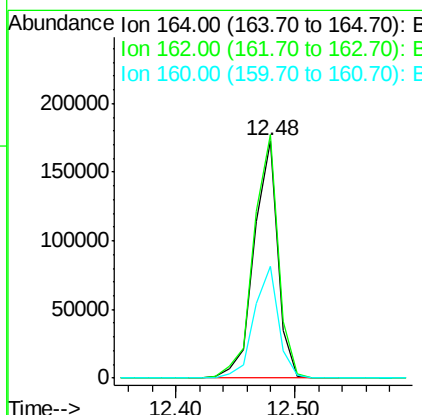
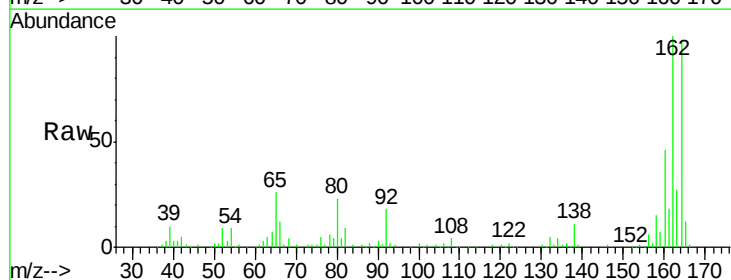
RT: 12.48 min Scan# 953

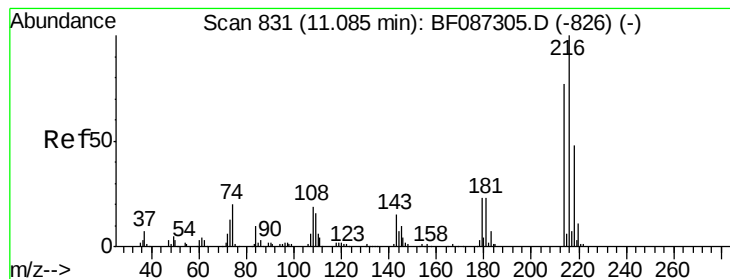
Delta R.T. 0.00 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

Tgt Ion:	164	Resp:	241722
Ion Ratio	Lower	Upper	
164	100		
162	102.4	82.8	124.2
160	46.8	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.41 ng

RT: 11.07 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

Instrument :

BNA_F

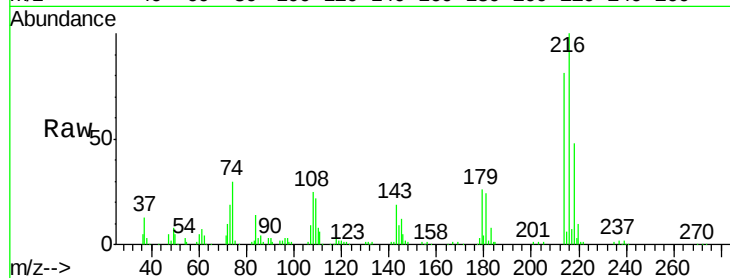
ClientSampleId :

PB90822BS

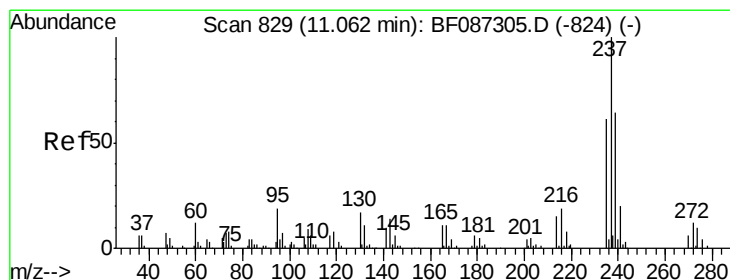
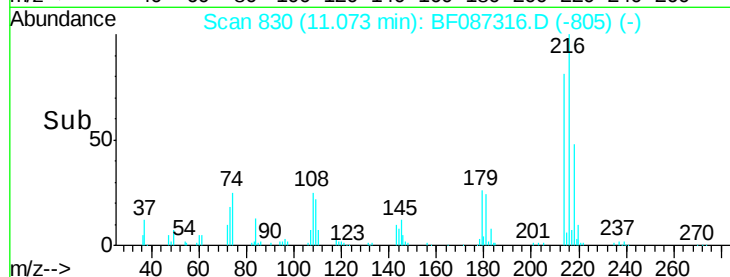
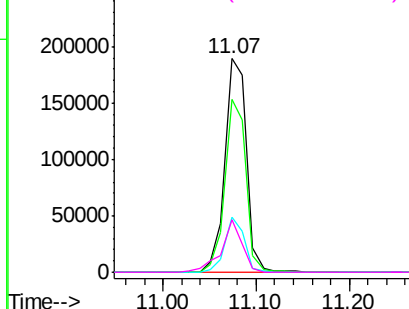
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Tgt Ion	Ratio	Resp	Lower	Upper
216	100	304951		
214	79.2	62.6	93.8	
179	23.6	18.2	27.4	
108	24.2	17.5	26.3	



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: 78.92 ng

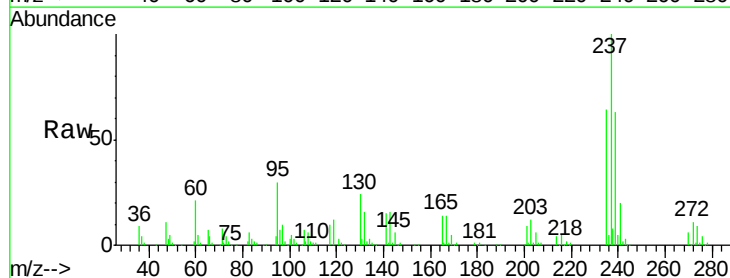
RT: 11.05 min Scan# 828

Delta R.T. -0.01 min

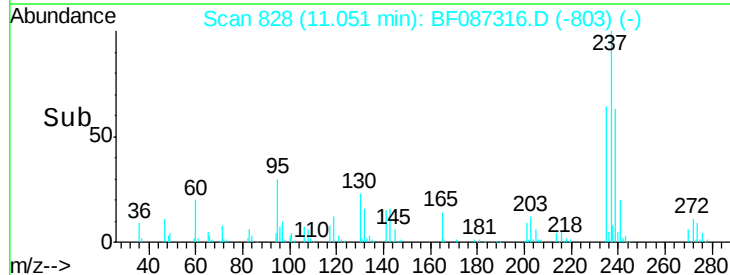
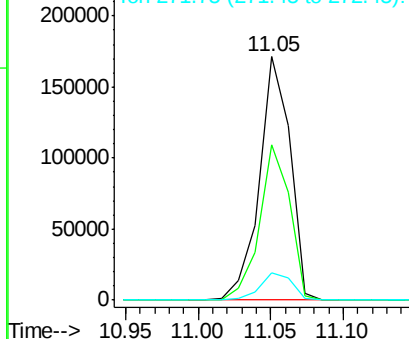
Lab File: BF087316.D

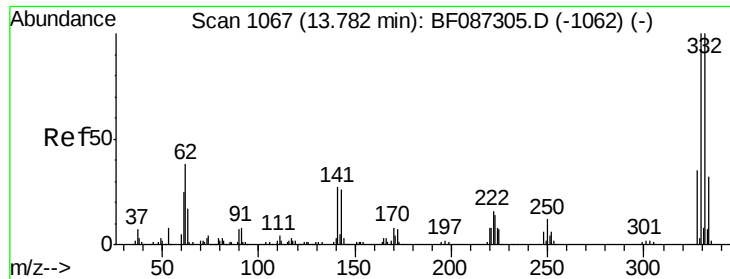
Acq: 23 May 2016 23:58

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	250821		
235	63.6	47.2	87.2	
272	11.2	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





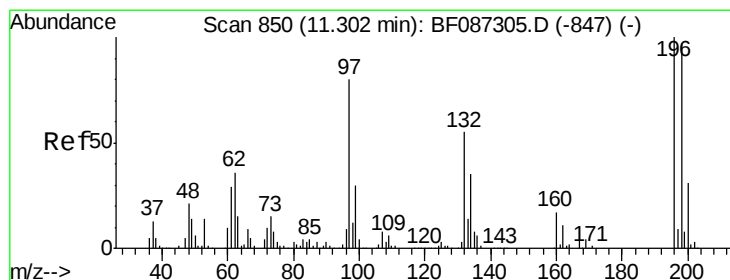
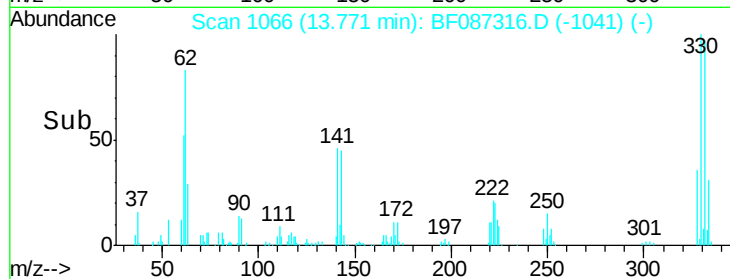
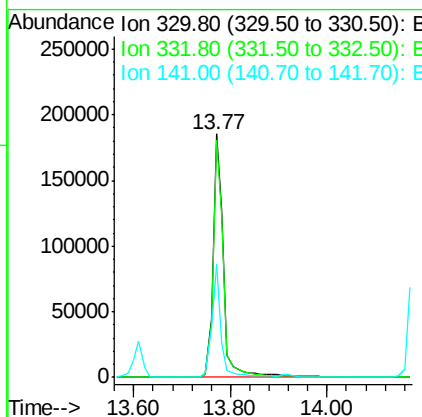
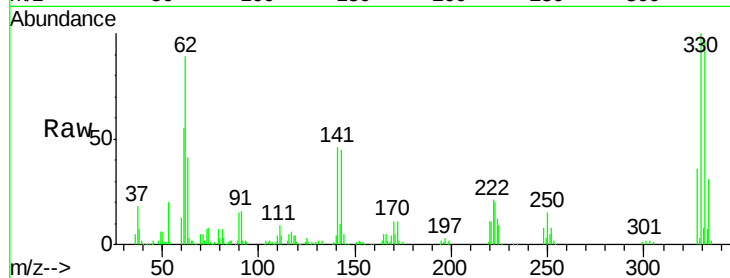
#41
 2,4,6-Tribromophenol
 Concen: 124.05 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BF087316.D
 Acq: 23 May 2016 23:58

Instrument :
 BNA_F
 ClientSampleId :
 PB90822BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	288164		
332	96.7	79.0	118.4	
141	40.6	31.2	46.8	

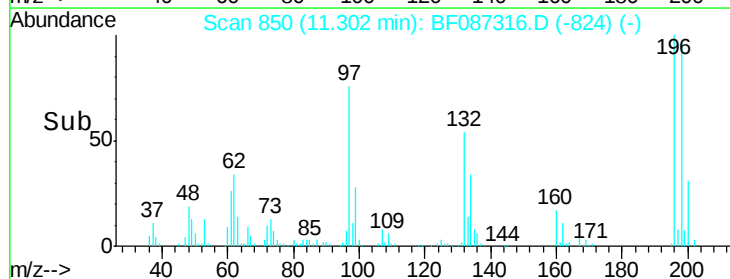
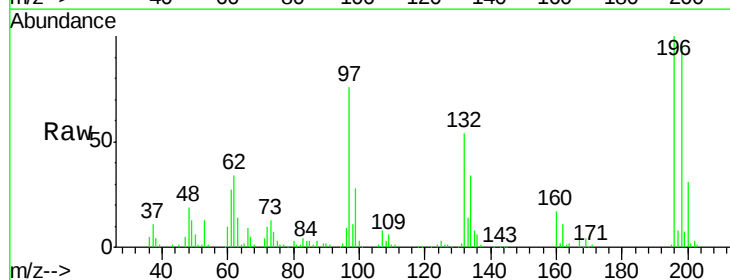
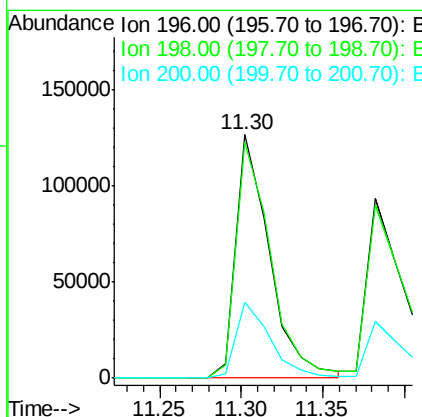
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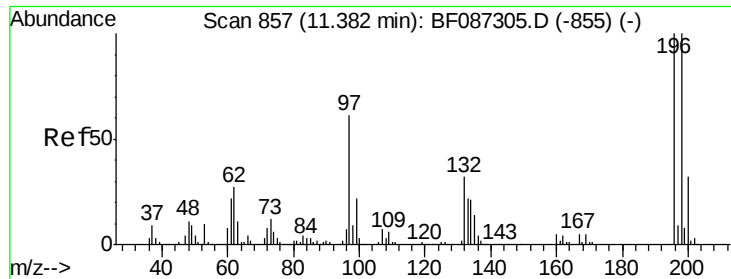
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#42
 2,4,6-Trichlorophenol
 Concen: 40.49 ng
 RT: 11.30 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BF087316.D
 Acq: 23 May 2016 23:58

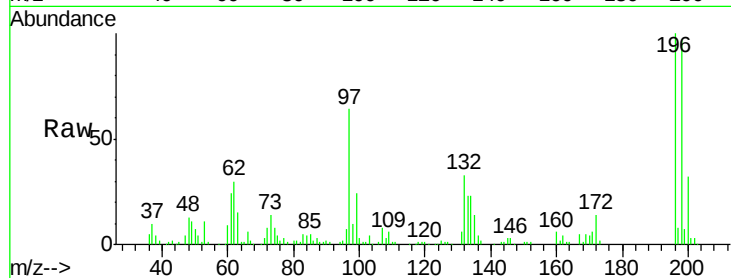
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	180833		
198	97.2	74.7	112.1	
200	31.1	23.8	35.6	





#43
2,4,5-Trichlorophenol
Concen: 42.93 ng
RT: 11.38 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

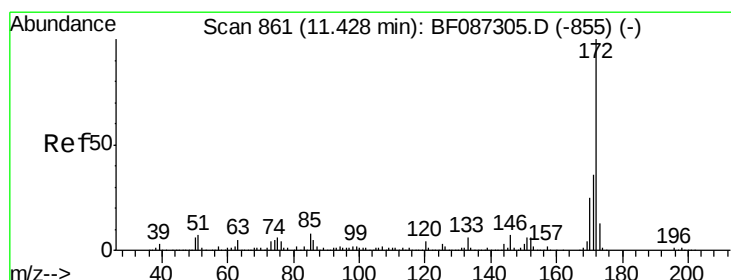
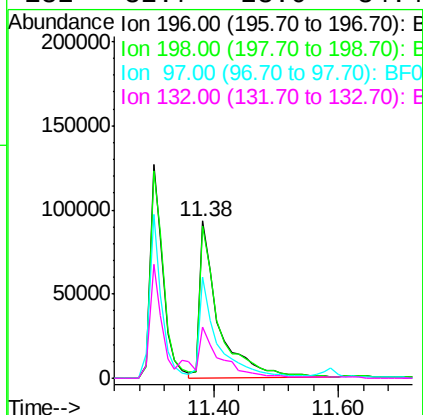
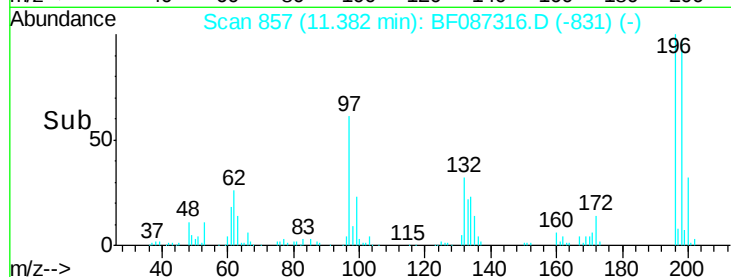
Instrument :
BNA_F
ClientSampleId :
PB90822BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	195266		
198	97.1	77.5	116.3	
97	64.1	34.8	52.2	
132	32.7	23.0	34.4	

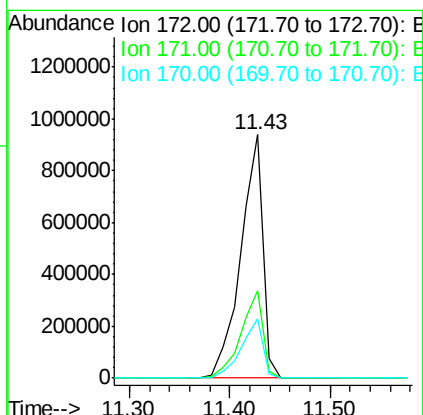
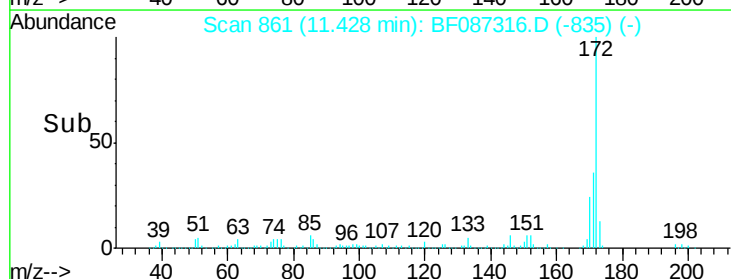
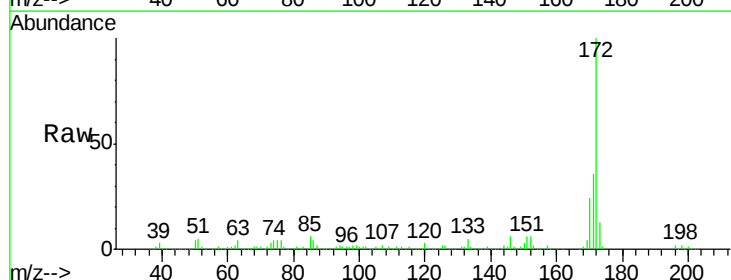
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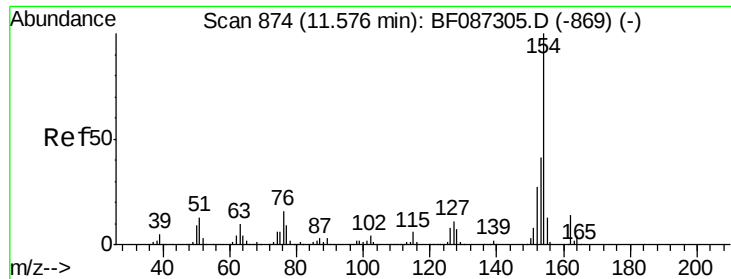
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#44
2-Fluorobiphenyl
Concen: 83.76 ng
RT: 11.43 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1436222		
171	35.9	29.0	43.6	
170	24.2	19.8	29.8	





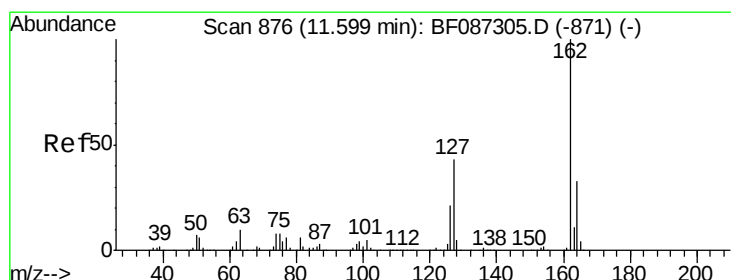
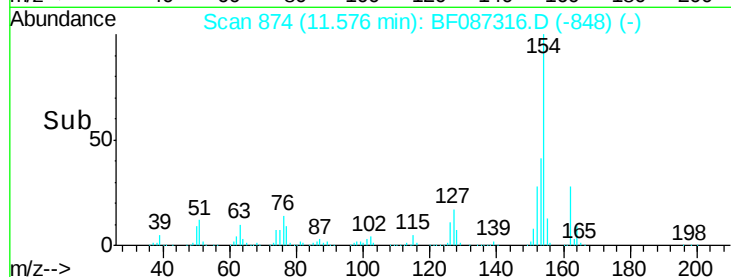
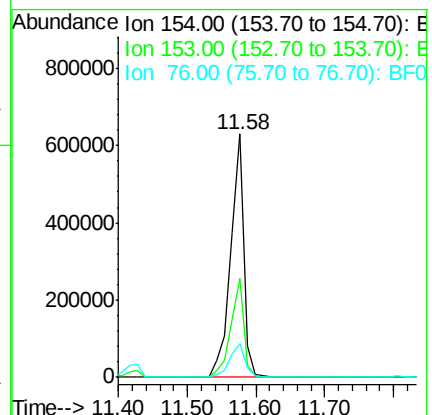
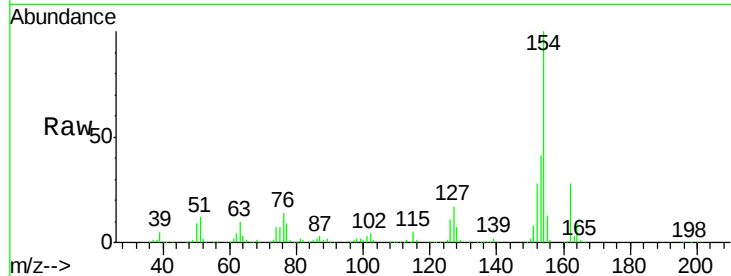
#45
 1,1'-Biphenyl
 Concen: 42.32 ng
 RT: 11.58 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: BF087316.D
 Acq: 23 May 2016 23:58

Instrument :
 BNA_F
 ClientSampleId :
 PB90822BS

Tgt Ion:	154	Resp:	861376
Ion Ratio	Lower	Upper	
154	100		
153	40.6	20.3	60.3
76	13.6	0.0	30.2

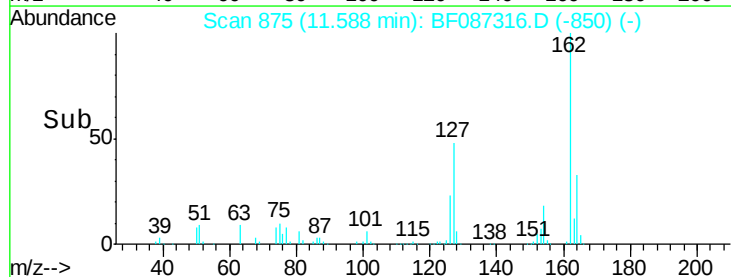
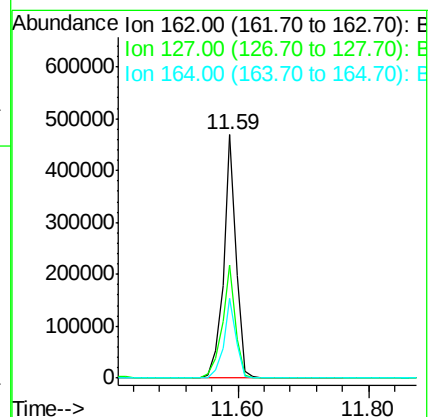
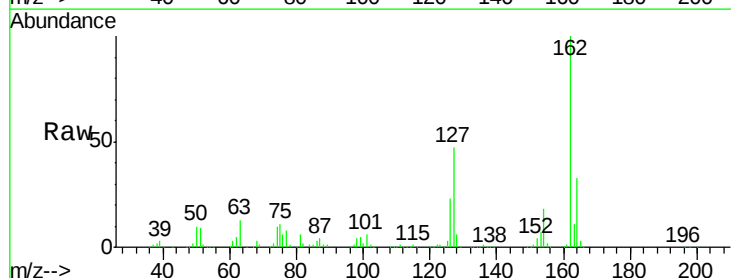
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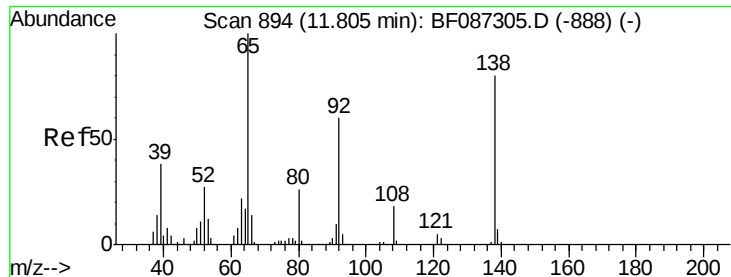
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#46
 2-Chloronaphthalene
 Concen: 40.92 ng
 RT: 11.59 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BF087316.D
 Acq: 23 May 2016 23:58

Tgt Ion:	162	Resp:	637069
Ion Ratio	Lower	Upper	
162	100		
127	46.6	31.8	47.6
164	32.6	27.0	40.6





#47

2-Nitroaniline

Concen: 44.01 ng

RT: 11.80 min Scan# 894

Delta R.T. 0.00 min

Lab File: BF087316.D

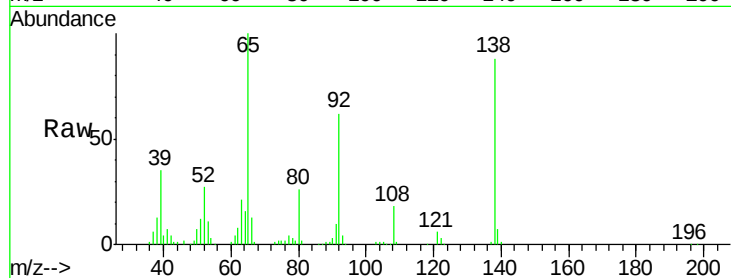
Acq: 23 May 2016 23:58

Instrument :

BNA_F

ClientSampleId :

PB90822BS



Tgt Ion: 65 Resp: 246904

Ion Ratio Lower Upper

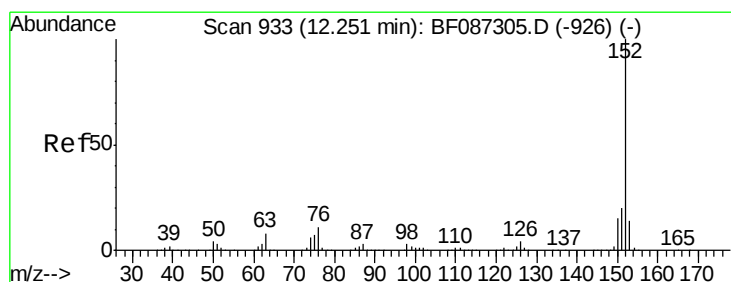
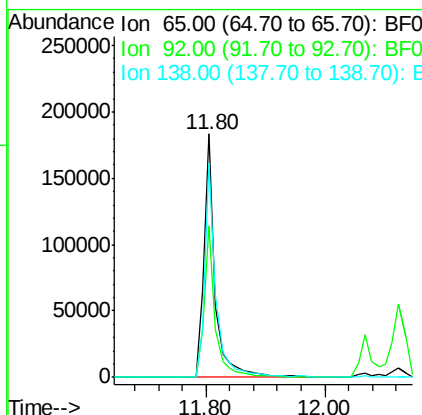
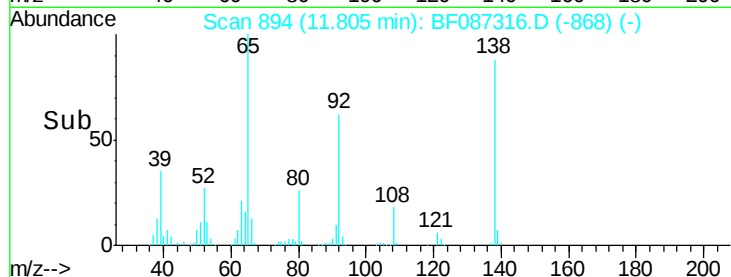
65 100

92 62.3 57.4 86.2

138 87.7 90.1 135.1#

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#48

Acenaphthylene

Concen: 42.16 ng

RT: 12.25 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

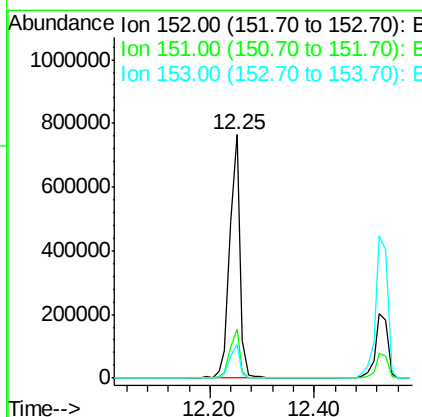
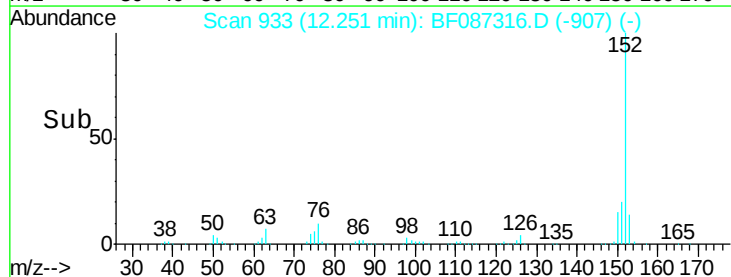
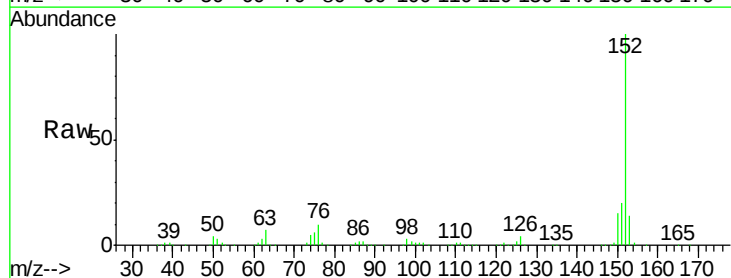
Tgt Ion: 152 Resp: 1039259

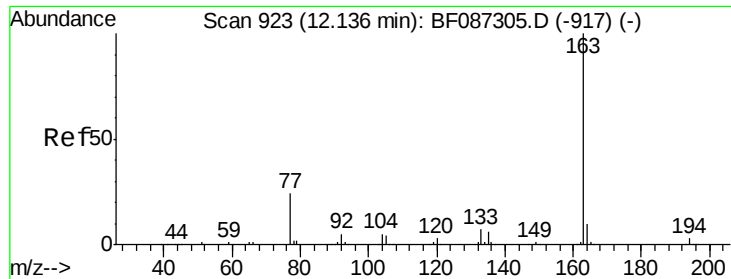
Ion Ratio Lower Upper

152 100

151 20.3 16.8 25.2

153 13.7 10.9 16.3





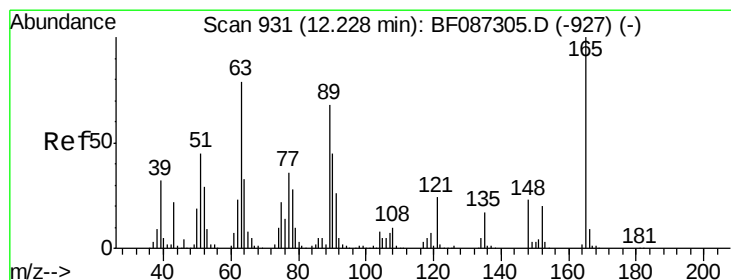
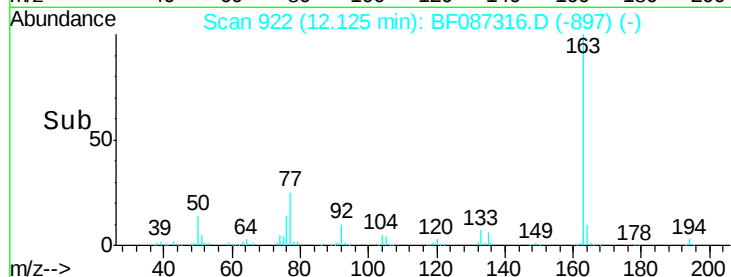
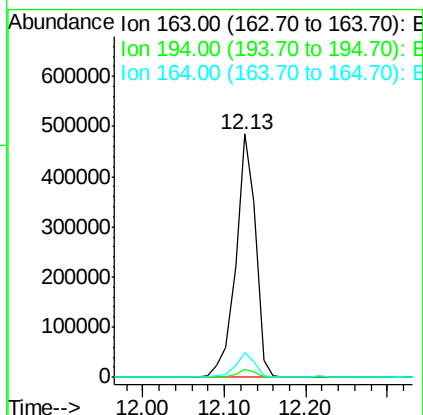
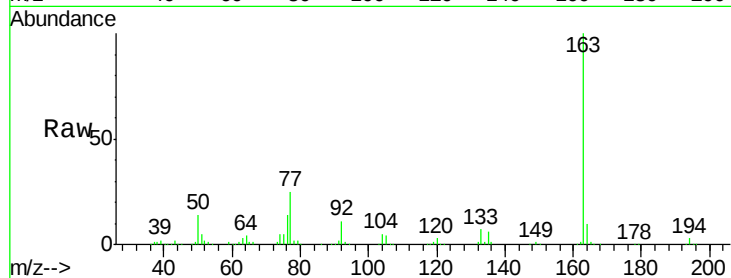
#49
Dimethylphthalate
Concen: 41.89 ng
RT: 12.13 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

Instrument :
BNA_F
ClientSampleId :
PB90822BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	811116		
194	3.1	2.6	4.0	
164	10.3	8.2	12.4	

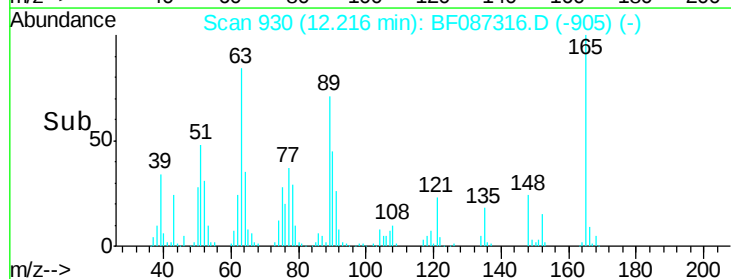
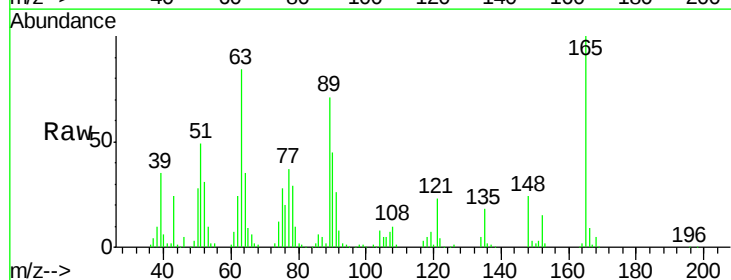
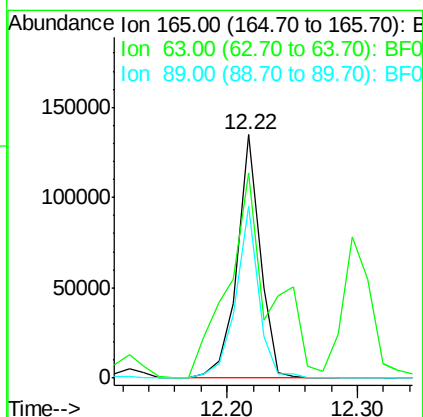
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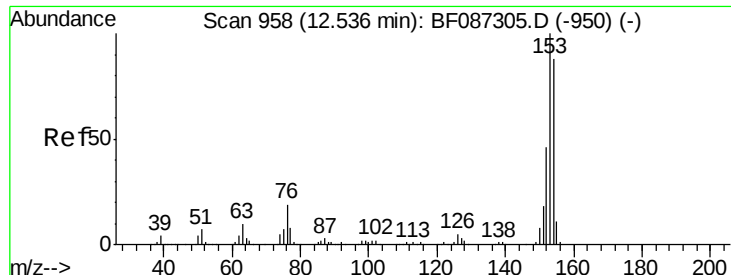
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#50
2,6-Dinitrotoluene
Concen: 42.62 ng
RT: 12.22 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	166279		
63	84.2	51.8	77.8#	
89	70.8	50.7	76.1	





#51

Acenaphthene

Concen: 41.44 ng

RT: 12.53 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF087316.D

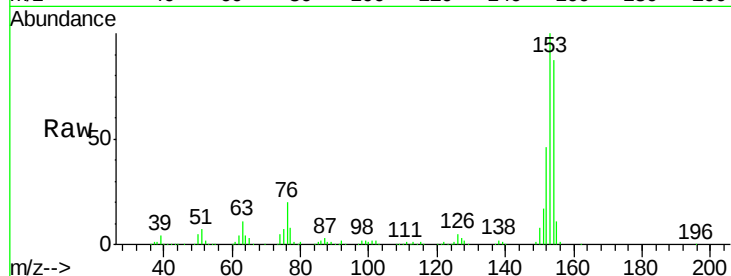
Acq: 23 May 2016 23:58

Instrument :

BNA_F

ClientSampleId :

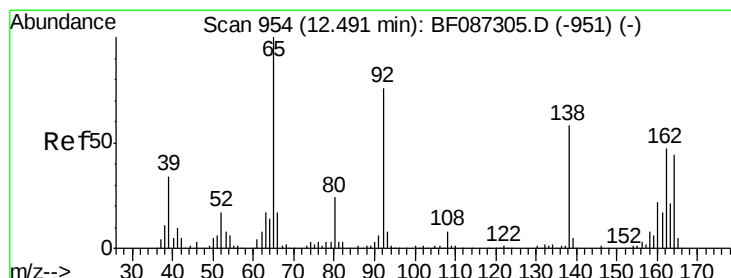
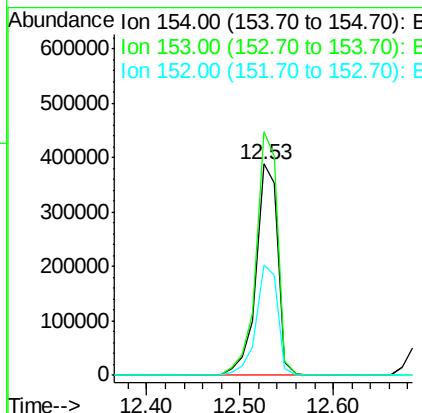
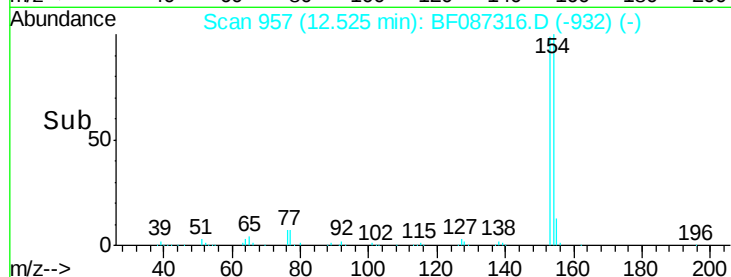
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Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	115.1	89.8	134.6	
152	52.4	43.4	65.0	

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#52

3-Nitroaniline

Concen: 21.64 ng

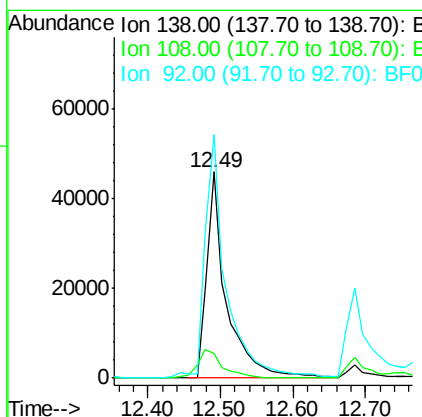
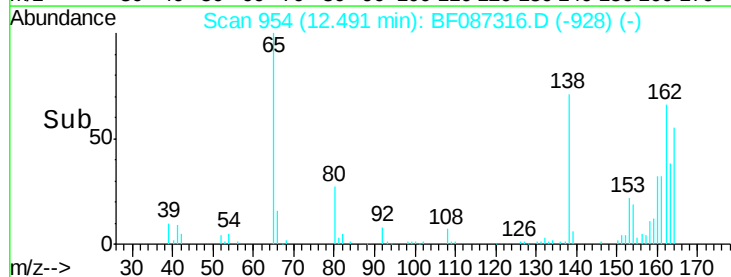
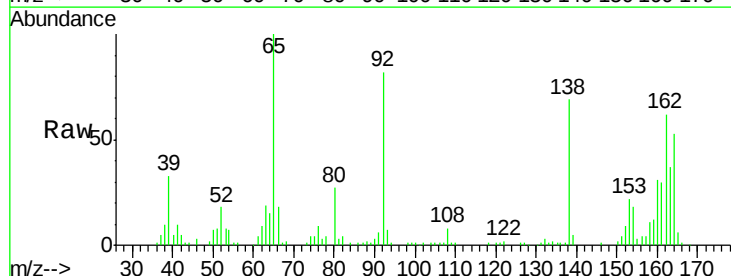
RT: 12.49 min Scan# 954

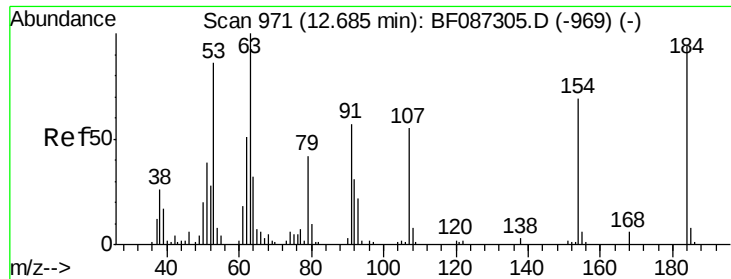
Delta R.T. 0.00 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

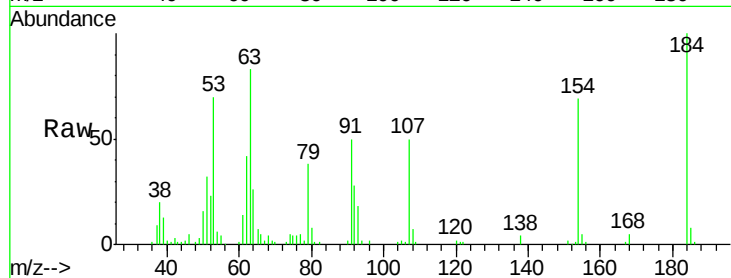
Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
108	12.2	7.8	11.6#	
92	118.1	87.8	131.8	





#53
2,4-Dinitrophenol
Concen: 73.85 ng
RT: 12.69 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

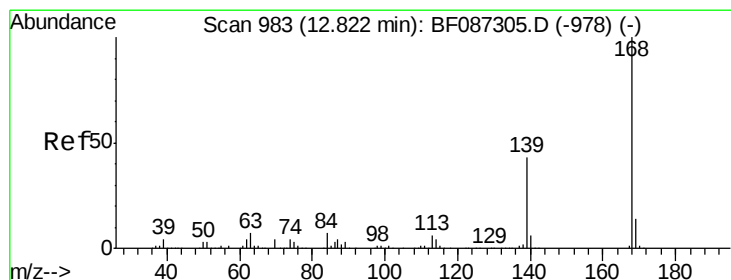
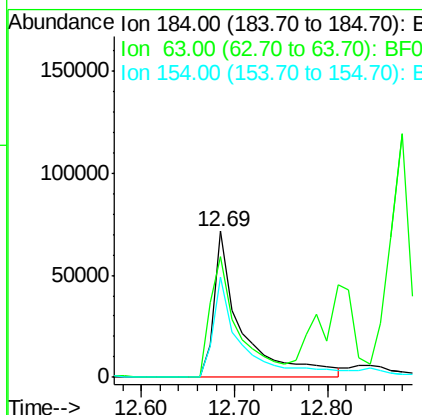
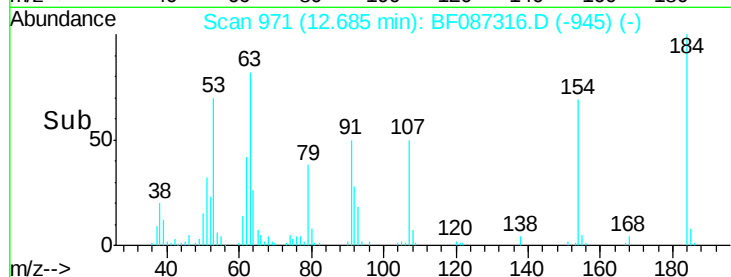
Instrument :
BNA_F
ClientSampleId :
PB90822BS



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	146373		
63	83.1	55.8	83.8	
154	69.0	62.4	93.6	

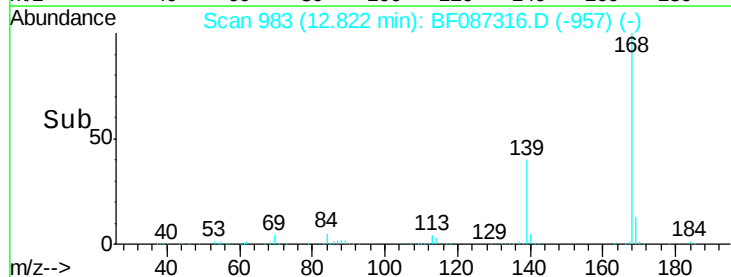
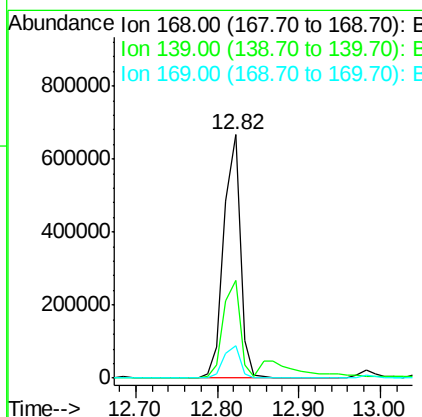
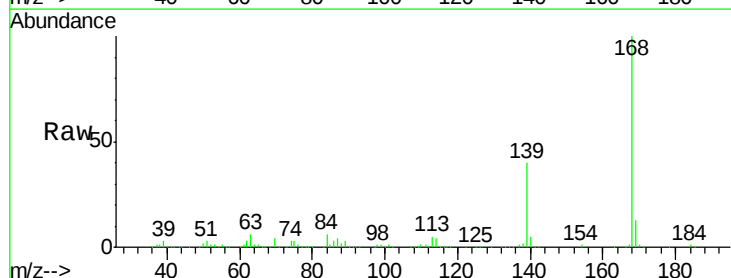
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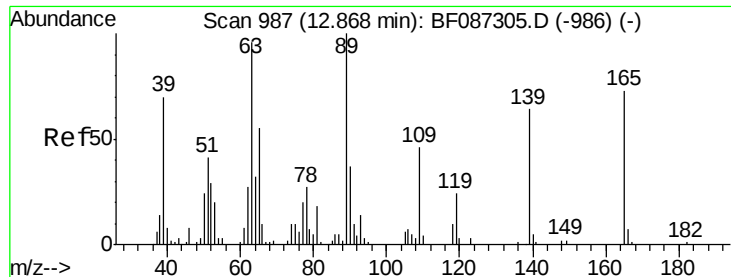
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#54
Dibenzofuran
Concen: 45.85 ng
RT: 12.82 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	940474		
139	40.2	31.4	47.0	
169	13.3	10.7	16.1	





#55

4-Nitrophenol

Concen: 88.35 ng

RT: 12.87 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

Instrument :

BNA_F

ClientSampleId :

PB90822BS

Tgt Ion:139 Resp: 168769
Ion Ratio Lower Upper

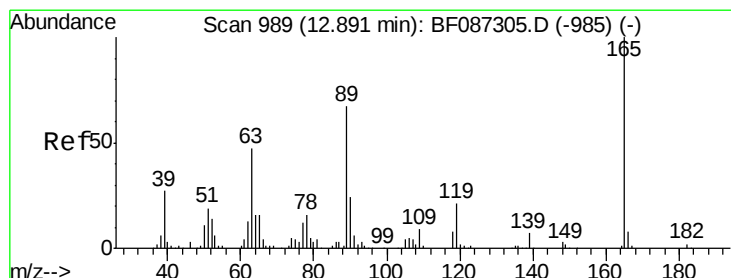
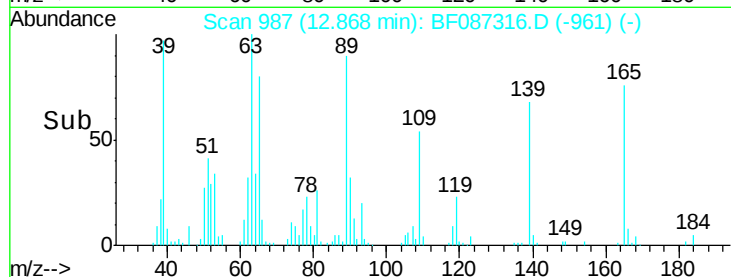
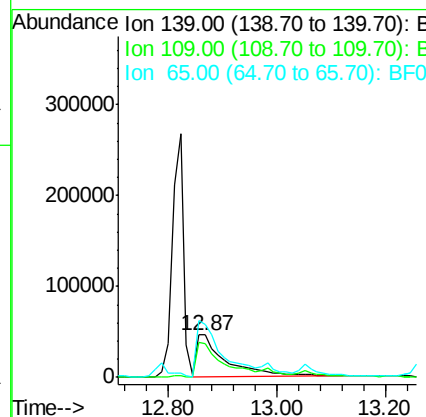
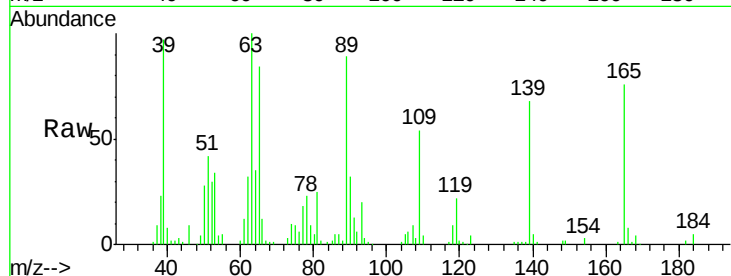
139 100

109 79.7 36.9 76.9#

65 123.8 64.0 104.0#

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#56

2,4-Dinitrotoluene

Concen: 43.83 ng

RT: 12.88 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

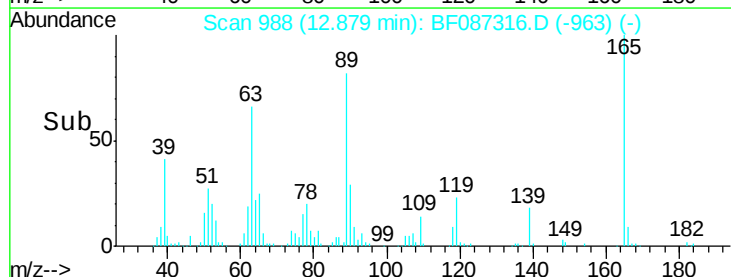
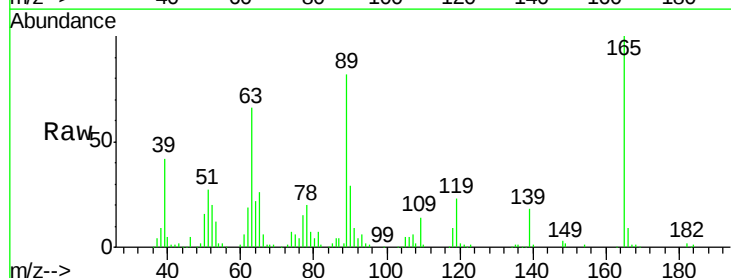
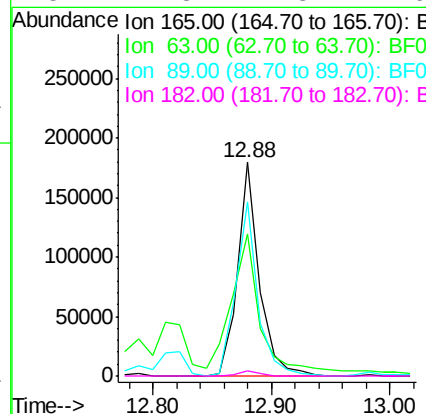
Tgt Ion:165 Resp: 228579
Ion Ratio Lower Upper

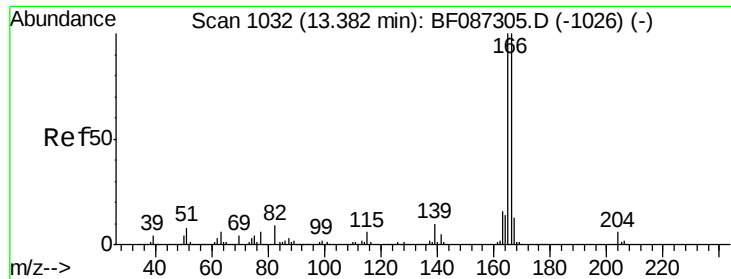
165 100

63 66.4 44.3 66.5

89 81.7 70.0 105.0

182 2.3 1.8 2.6





#57

Fluorene

Concen: 41.71 ng

RT: 13.37 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF087316.D

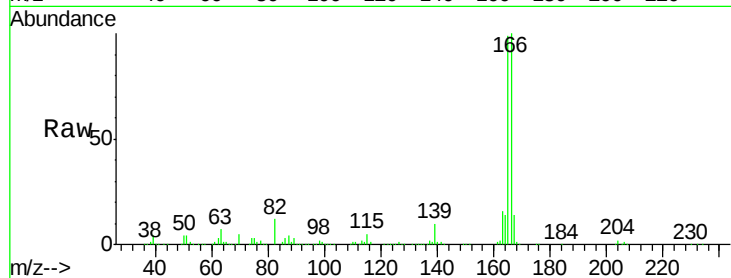
Acq: 23 May 2016 23:58

Instrument :

BNA_F

ClientSampleId :

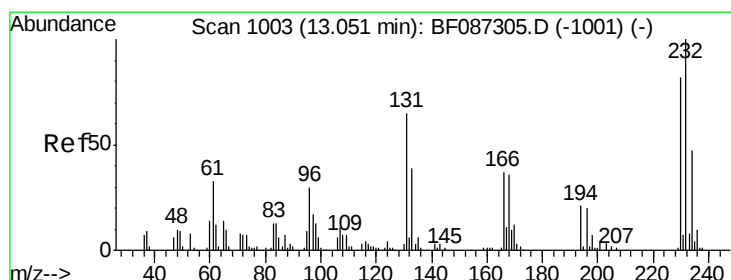
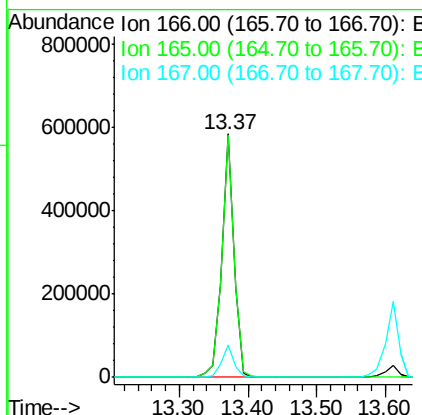
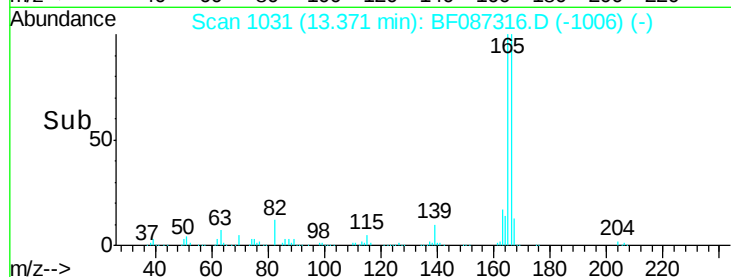
PB90822BS



Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.5	79.0	118.6	
167	13.5	10.6	15.8	

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#58

2,3,4,6-Tetrachlorophenol

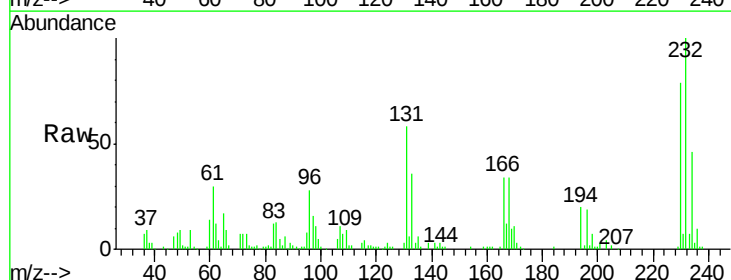
Concen: 49.31 ng

RT: 13.05 min Scan# 1003

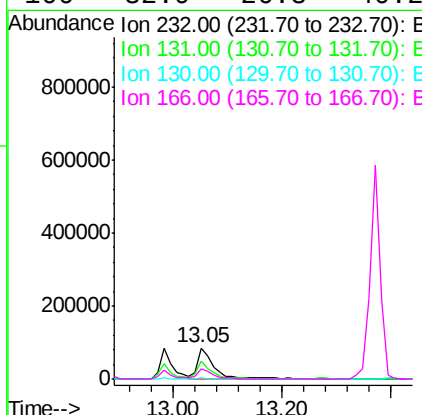
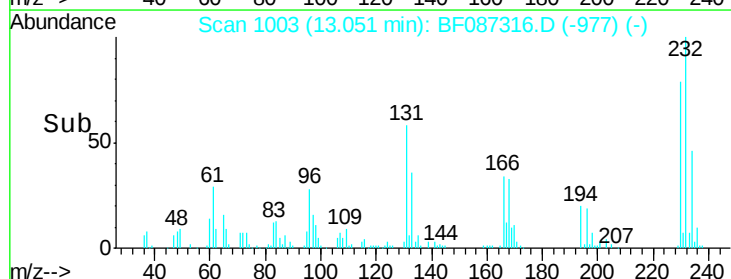
Delta R.T. 0.00 min

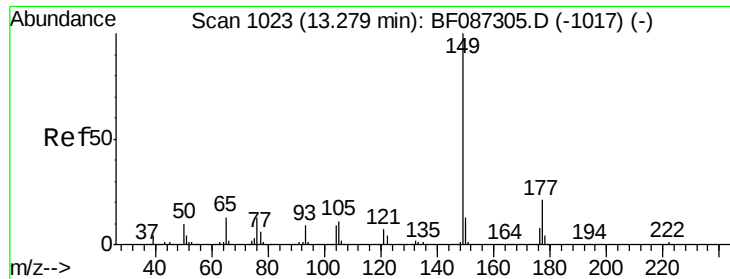
Lab File: BF087316.D

Acq: 23 May 2016 23:58



Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	52.6	41.9	62.9	
130	2.7	2.2	3.4	
166	32.9	26.8	40.2	





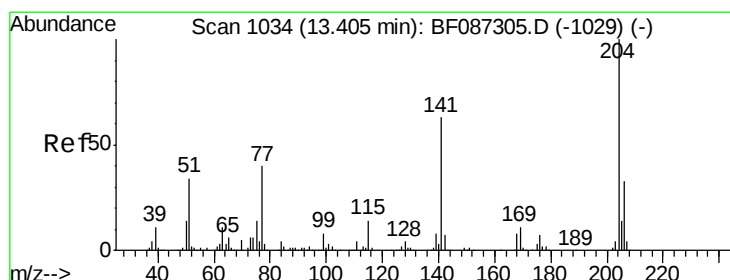
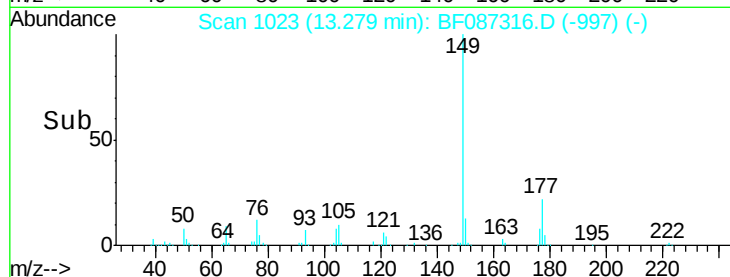
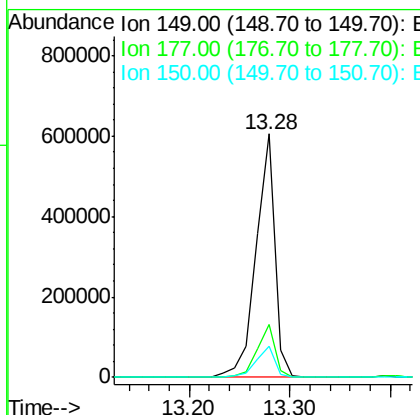
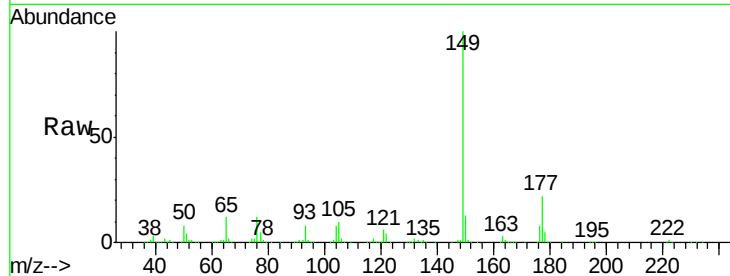
#59
Diethylphthalate
Concen: 41.88 ng
RT: 13.28 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

Instrument :
BNA_F
ClientSampleId :
PB90822BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	788418		
177	21.6	16.6	24.8	
150	12.7	10.0	15.0	

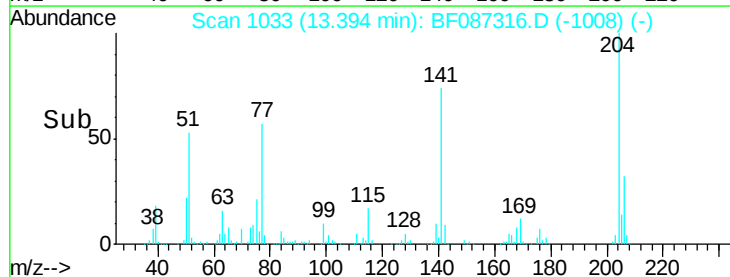
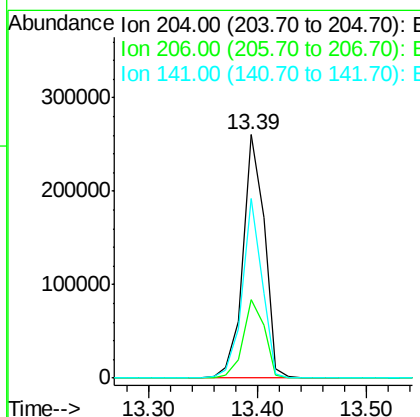
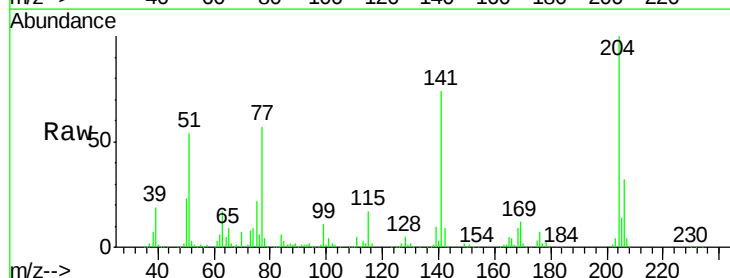
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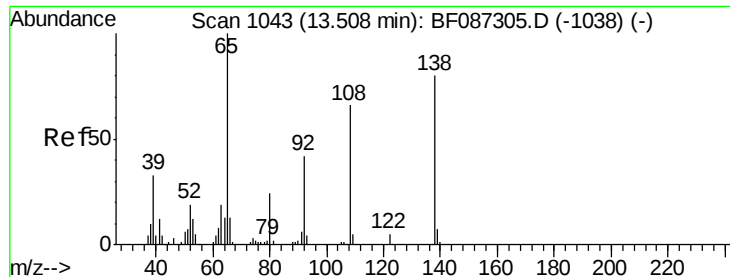
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#60
4-Chlorophenyl-phenylether
Concen: 40.93 ng
RT: 13.39 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	355046		
206	32.1	25.4	38.0	
141	73.6	61.6	92.4	





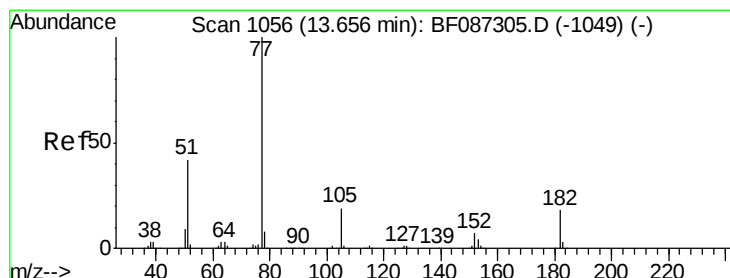
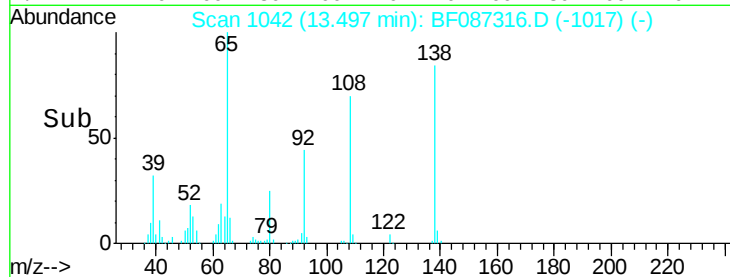
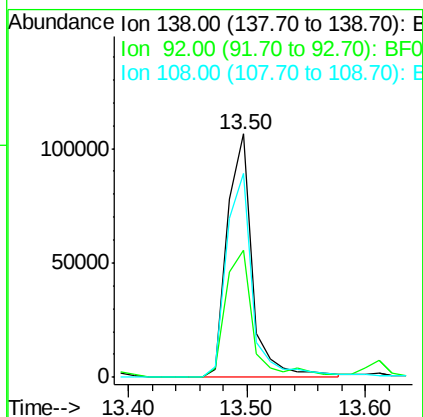
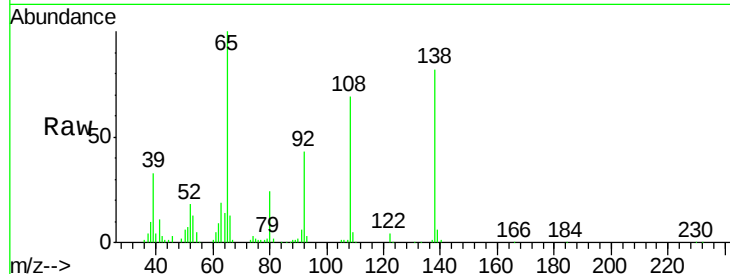
#61
4-Nitroaniline
Concen: 41.74 ng
RT: 13.50 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

Instrument :
BNA_F
ClientSampled :
PB90822BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	155992		
92	52.2	24.7	64.7	
108	83.5	37.4	77.4#	

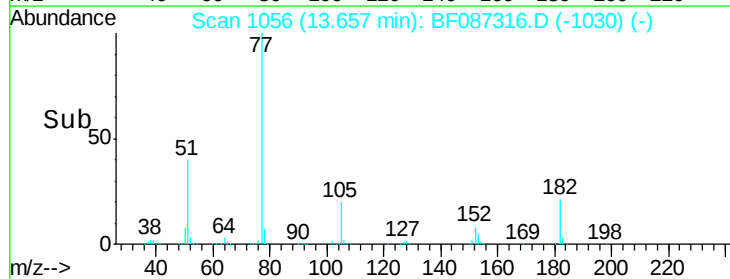
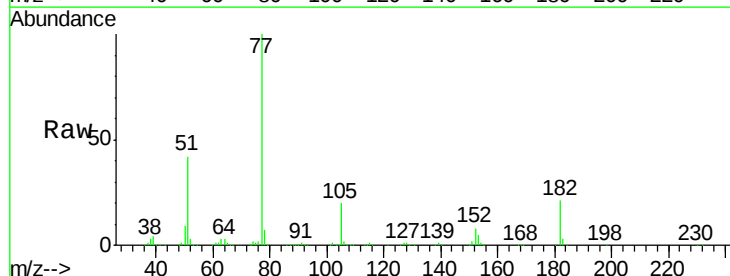
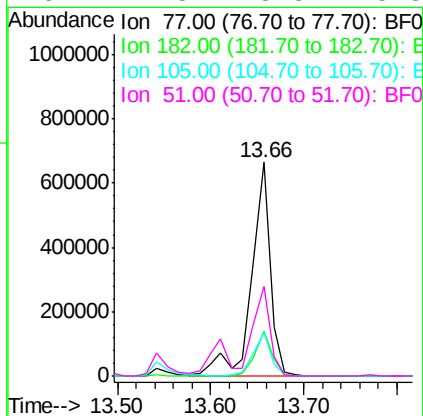
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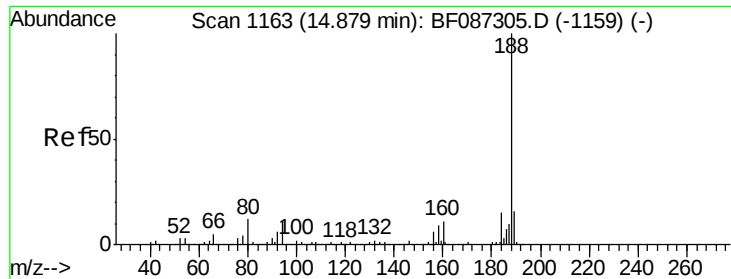
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#62
Azobenzene
Concen: 47.30 ng
RT: 13.66 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	923768		
182	20.8	0.0	38.8	
105	20.4	3.2	43.2	
51	41.8	8.8	48.8	





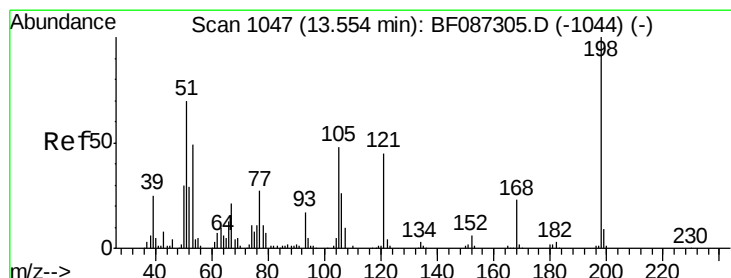
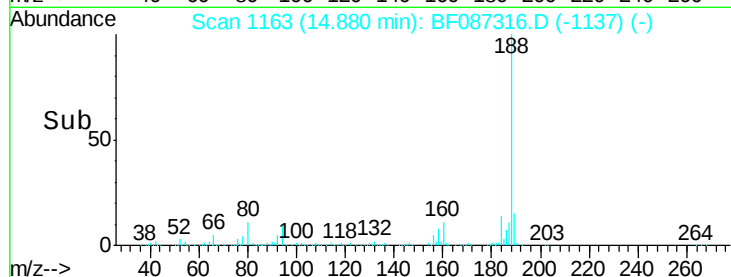
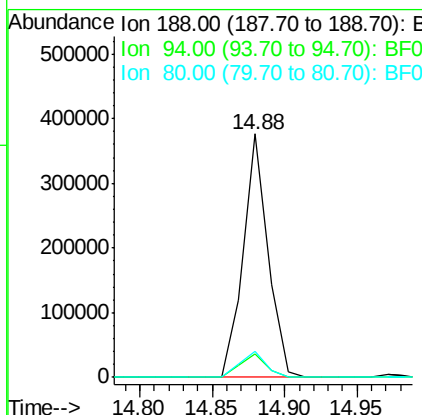
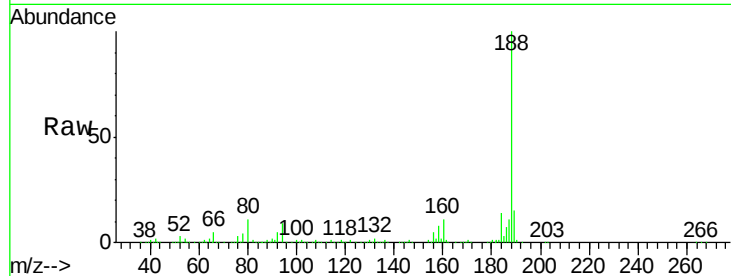
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

Instrument :
BNA_F
ClientSampleId :
PB90822BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.4	6.8	10.2
80	10.8	7.1	10.7

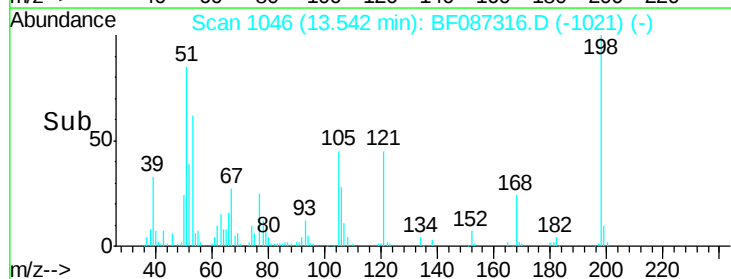
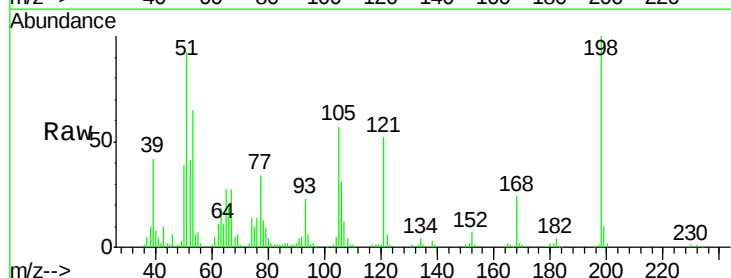
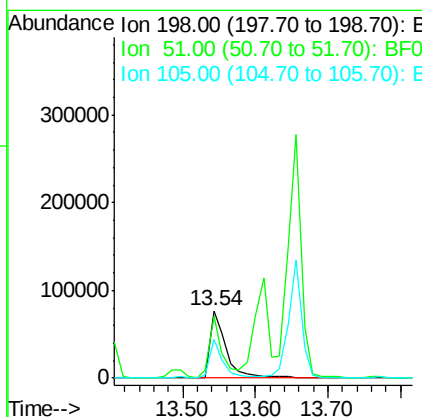
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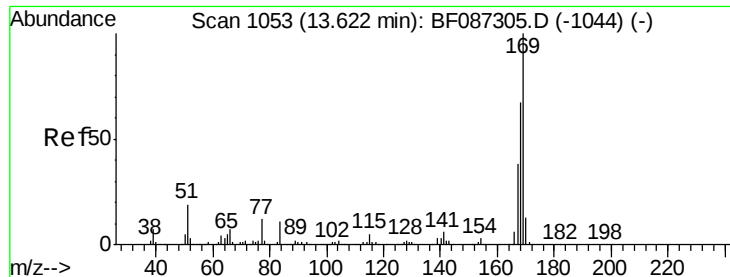
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#64
4,6-Dinitro-2-methylphenol
Concen: 41.67 ng
RT: 13.54 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	91.9	20.5	60.5
105	57.2	24.5	64.5





#65

n-Nitrosodiphenylamine

Concen: 43.07 ng

RT: 13.61 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

Instrument :

BNA_F

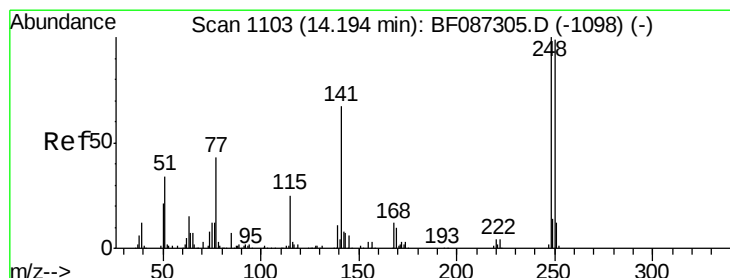
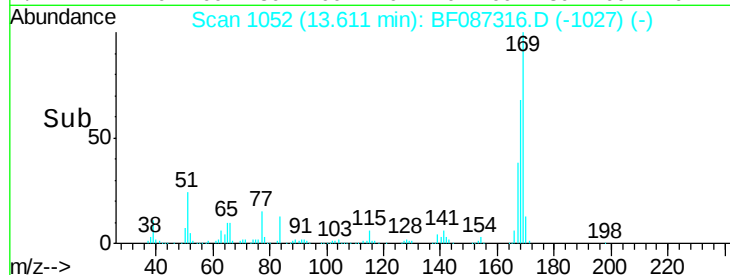
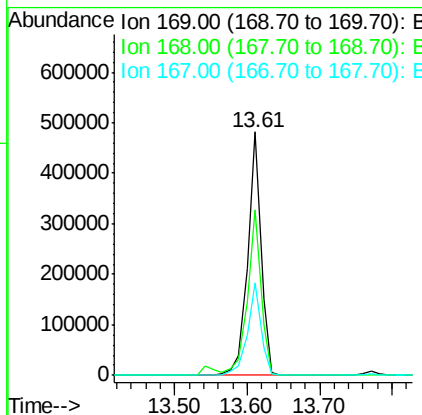
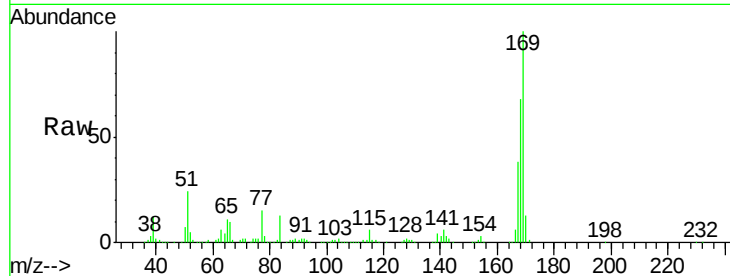
ClientSampleId :

PB90822BS

Tgt Ion:	169	Resp:	624593
Ion Ratio	Lower	Upper	
169	100		
168	68.0	53.8	80.6
167	37.9	29.5	44.3

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#66

4-Bromophenyl-phenylether

Concen: 41.84 ng

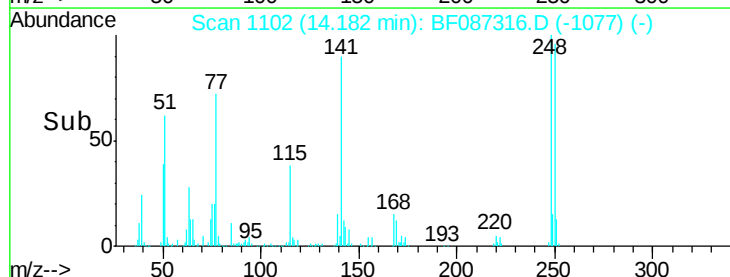
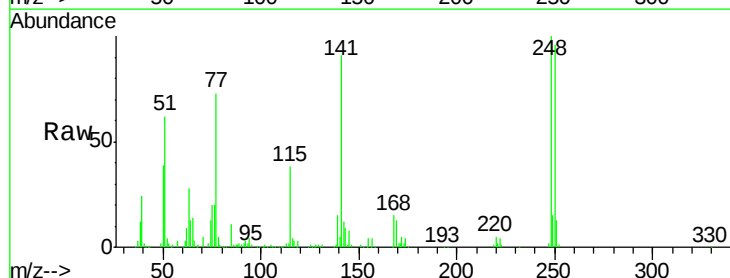
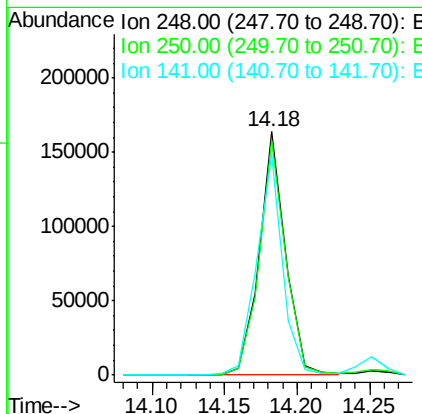
RT: 14.18 min Scan# 1102

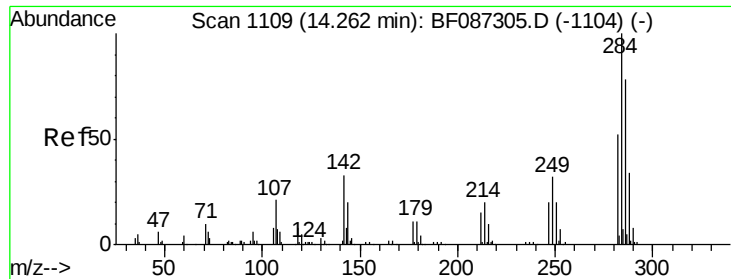
Delta R.T. -0.01 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

Tgt Ion:	248	Resp:	205255
Ion Ratio	Lower	Upper	
248	100		
250	96.1	78.6	117.8
141	90.6	76.0	114.0





#67

Hexachlorobenzene

Concen: 42.19 ng

RT: 14.25 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

Instrument :

BNA_F

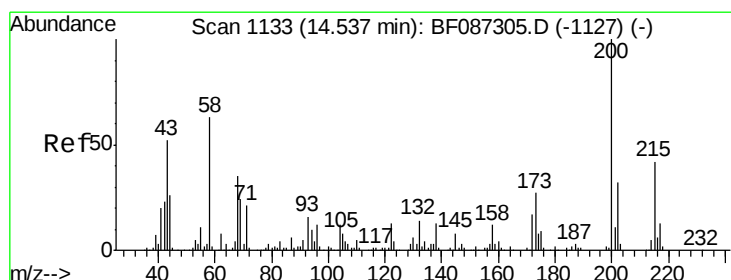
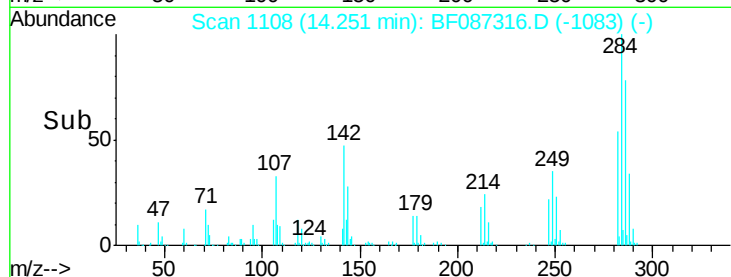
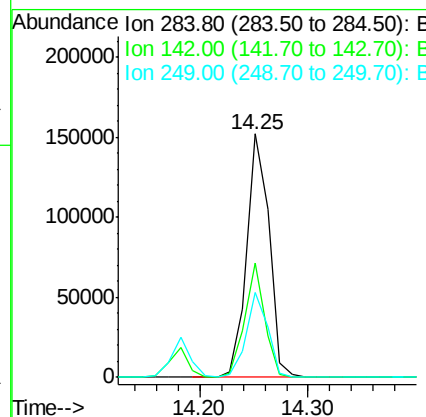
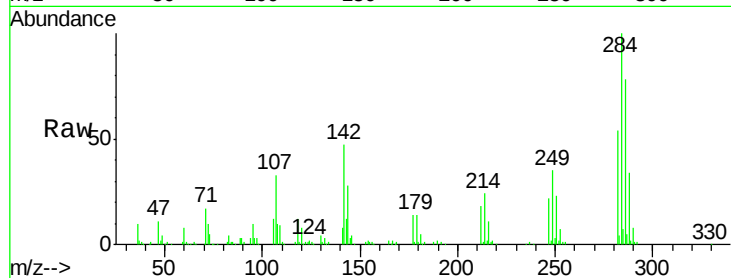
ClientSampleId :

PB90822BS

Tgt Ion:	284	Resp:	216444
Ion Ratio	Lower	Upper	
284	100		
142	46.9	16.7	25.1#
249	34.8	21.3	31.9#

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#68

Atrazine

Concen: 43.51 ng

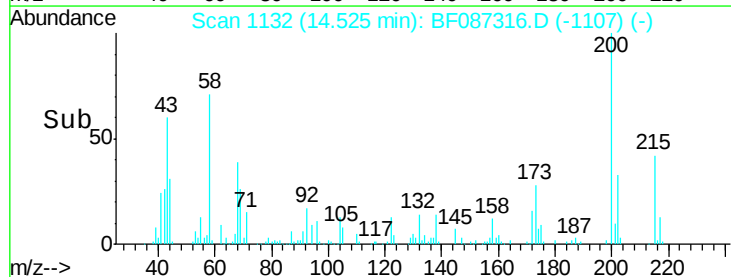
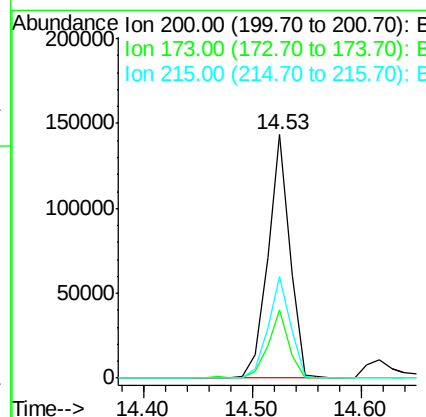
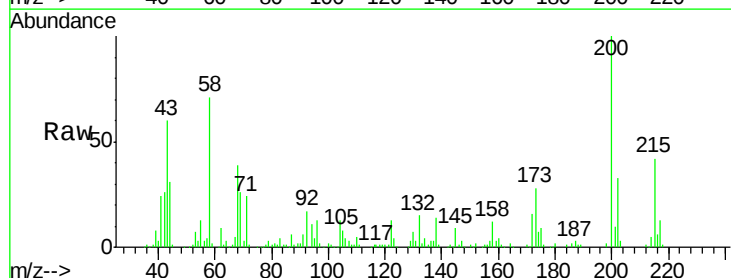
RT: 14.53 min Scan# 1132

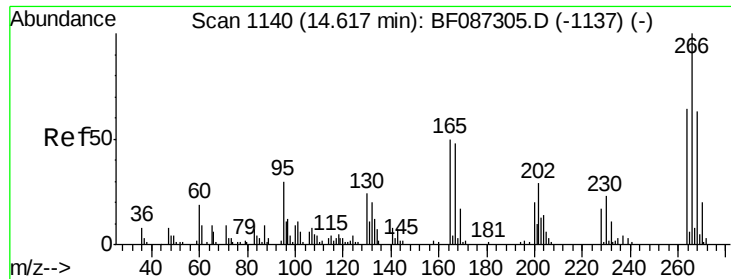
Delta R.T. -0.01 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

Tgt Ion:	200	Resp:	201126
Ion Ratio	Lower	Upper	
200	100		
173	27.9	8.5	48.5
215	41.6	27.2	67.2





#69

Pentachlorophenol

Concen: 80.44 ng

RT: 14.62 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BF087316.D

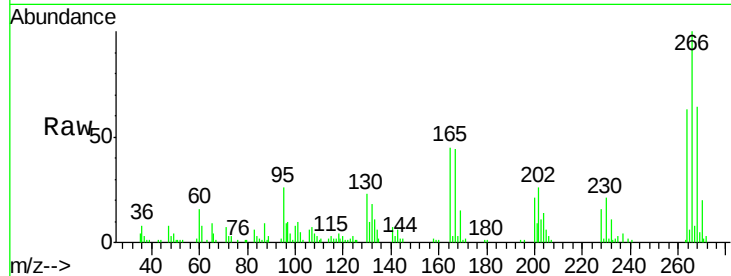
Acq: 23 May 2016 23:58

Instrument :

BNA_F

ClientSampleId :

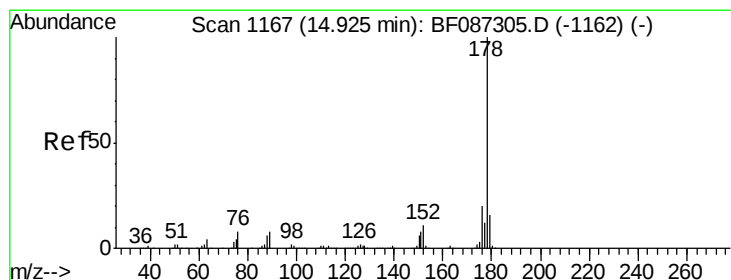
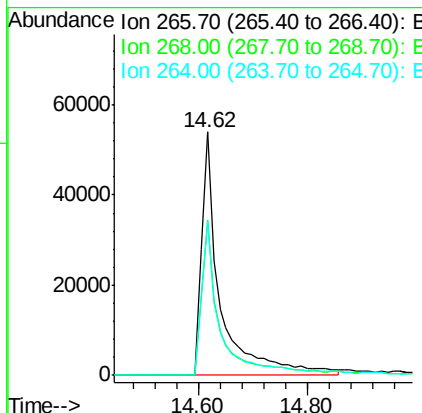
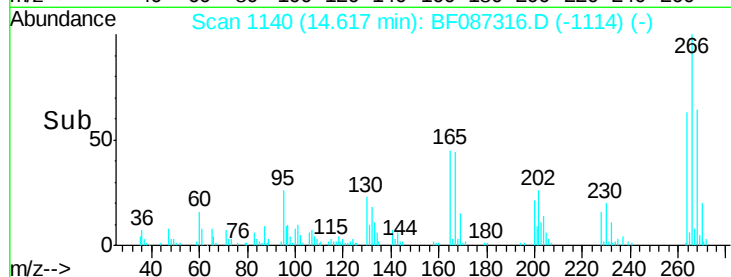
PB90822BS



Tgt Ion:	266	Resp:	128314
Ion Ratio	Lower	Upper	
266	100		
268	63.6	51.5	77.3
264	63.2	52.9	79.3

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#70

Phenanthrene

Concen: 42.88 ng

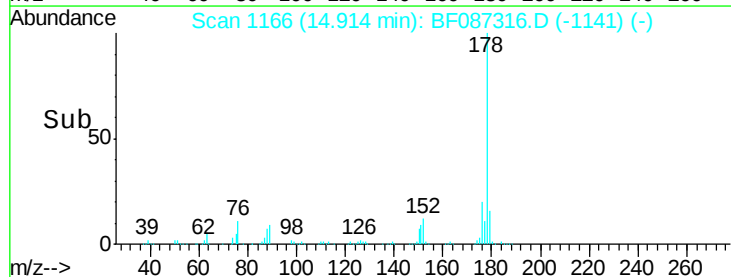
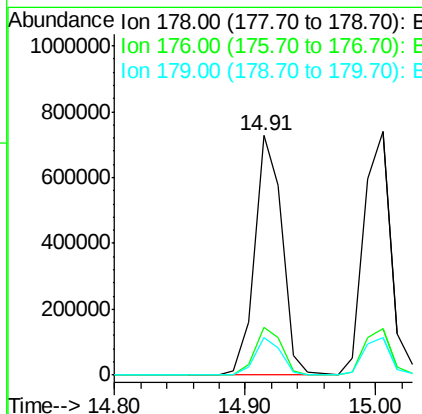
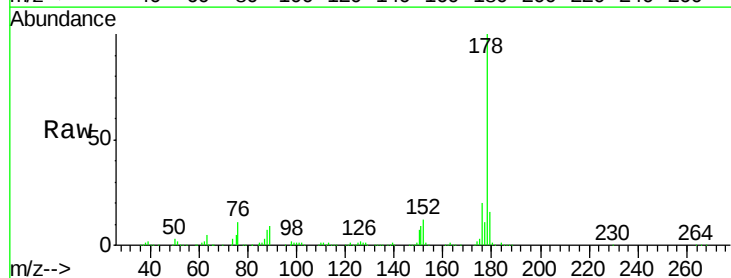
RT: 14.91 min Scan# 1166

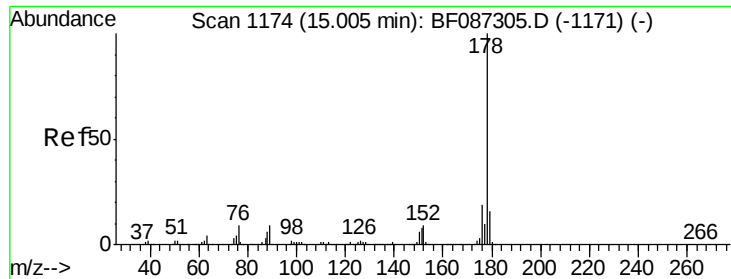
Delta R.T. -0.01 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

Tgt Ion:	178	Resp:	1065069
Ion Ratio	Lower	Upper	
178	100		
176	19.9	16.0	24.0
179	15.9	12.6	18.8





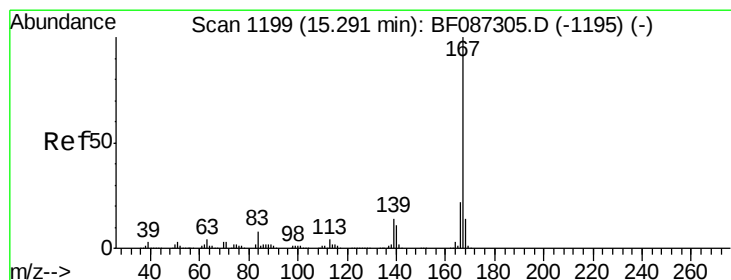
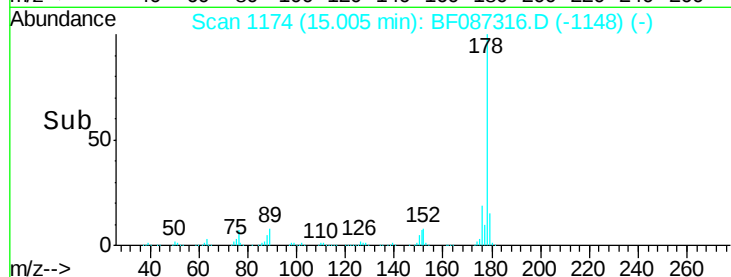
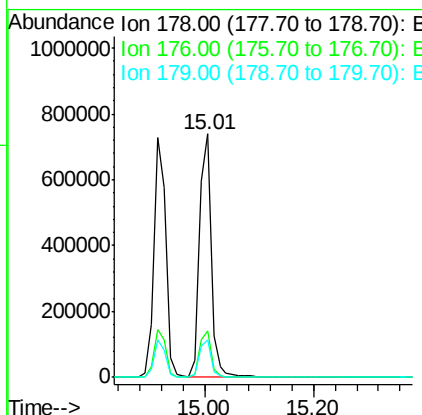
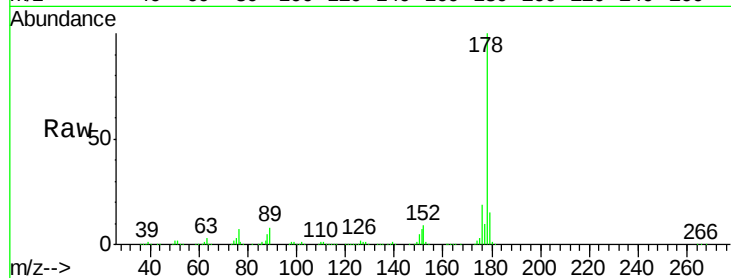
#71
 Anthracene
 Concen: 43.44 ng
 RT: 15.01 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF087316.D
 Acq: 23 May 2016 23:58

Instrument :
 BNA_F
 ClientSampleId :
 PB90822BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.6	23.4
179	15.2	12.7	19.1

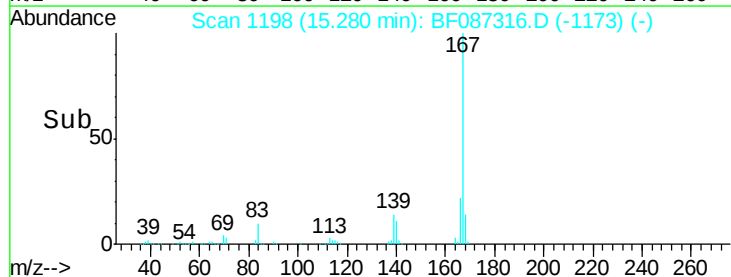
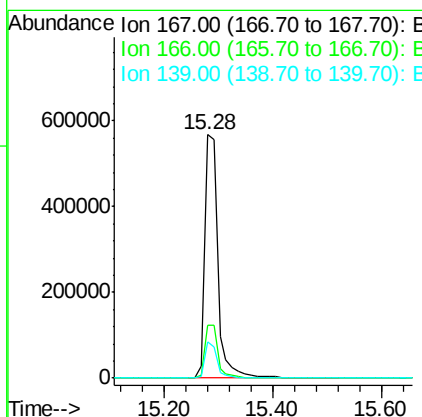
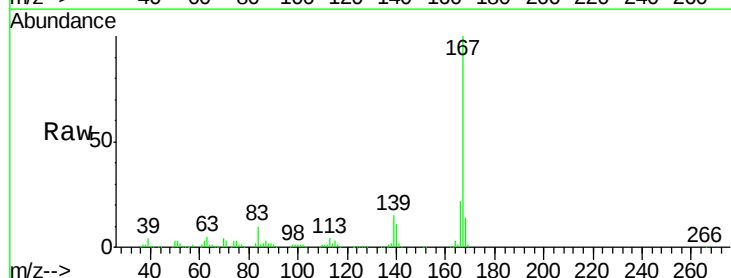
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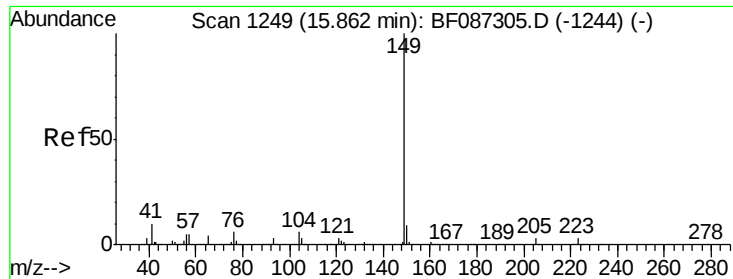
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#72
 Carbazole
 Concen: 44.24 ng
 RT: 15.28 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF087316.D
 Acq: 23 May 2016 23:58

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.7	26.5
139	15.2	10.8	16.2





#73

Di-n-butylphthalate

Concen: 42.96 ng

RT: 15.85 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF087316.D

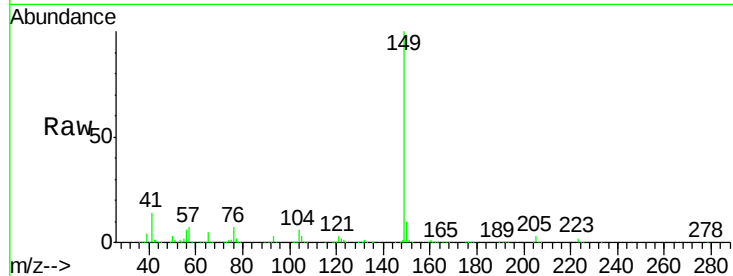
Acq: 23 May 2016 23:58

Instrument :

BNA_F

ClientSampleId :

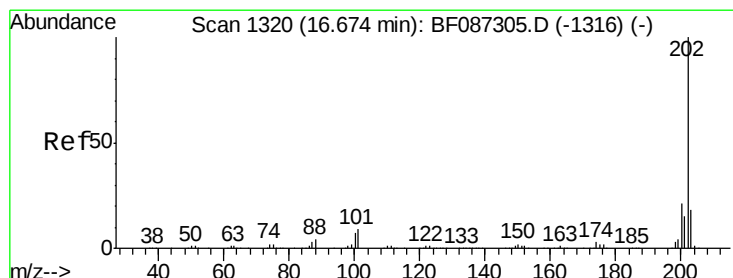
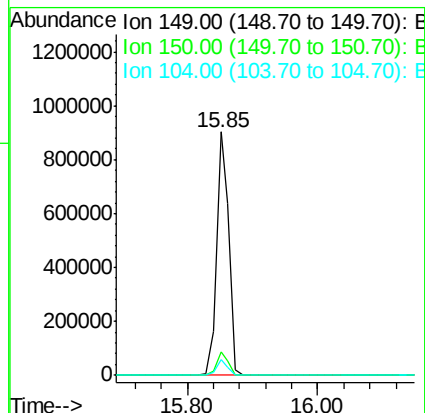
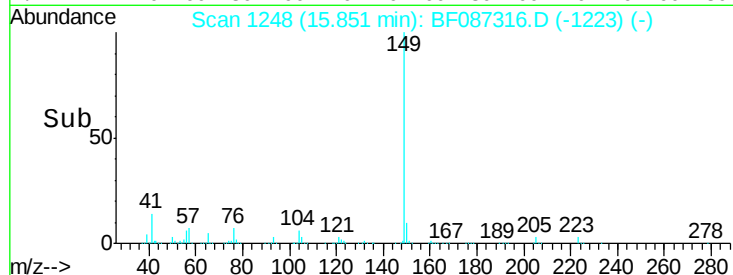
PB90822BS



Tgt Ion:	149	Resp:	1188855
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.6	11.4
104	6.2	3.8	5.6#

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#74

Fluoranthene

Concen: 42.65 ng

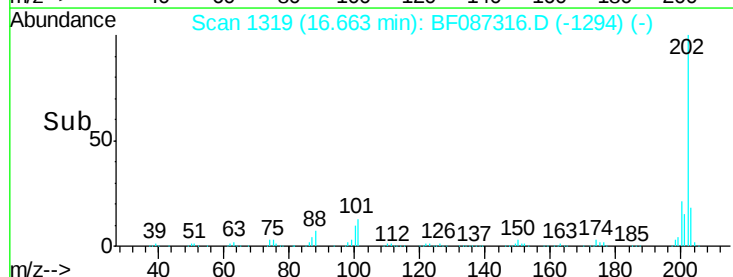
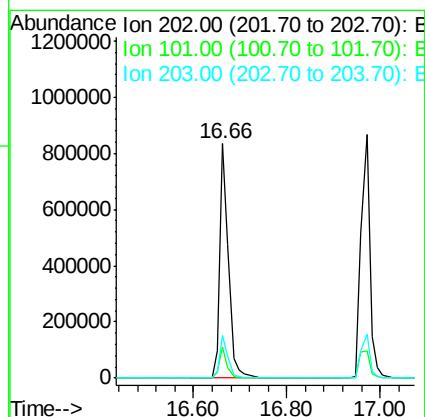
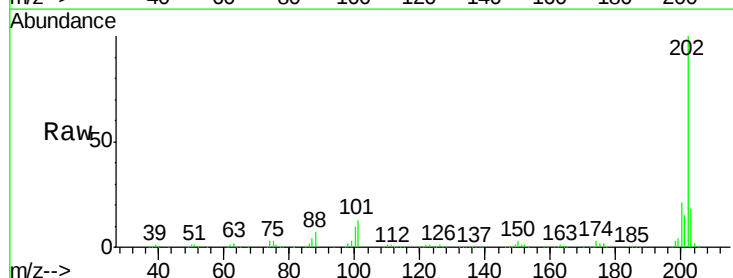
RT: 16.66 min Scan# 1319

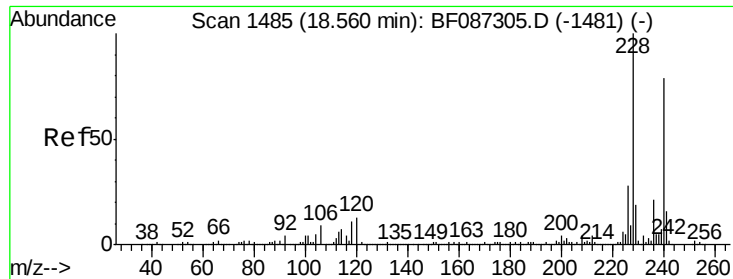
Delta R.T. -0.01 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

Tgt Ion:	202	Resp:	1062165
Ion Ratio	Lower	Upper	
202	100		
101	13.1	0.0	35.4
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.56 min Scan# 1485

Delta R.T. 0.00 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

Instrument :

BNA_F

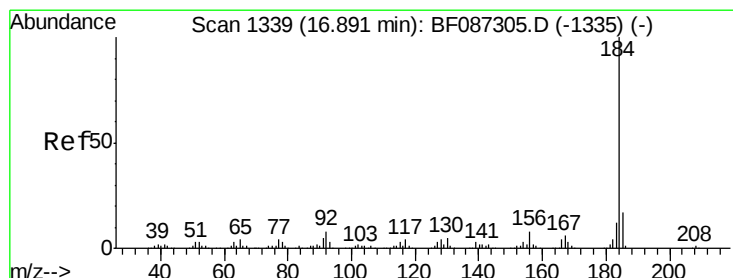
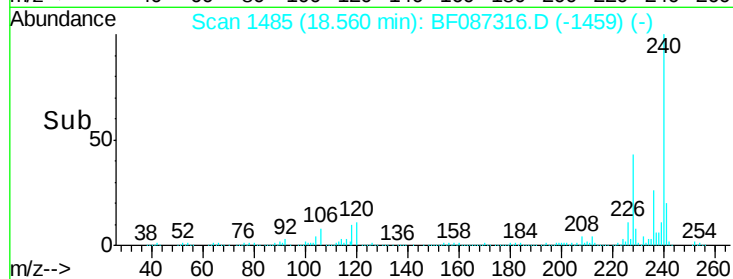
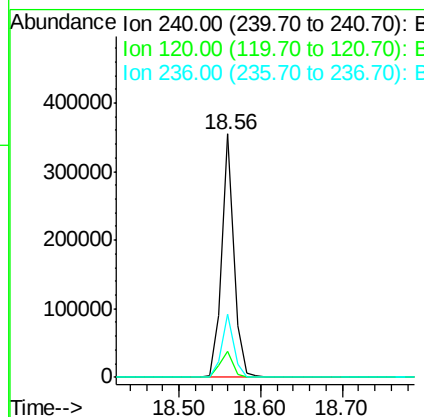
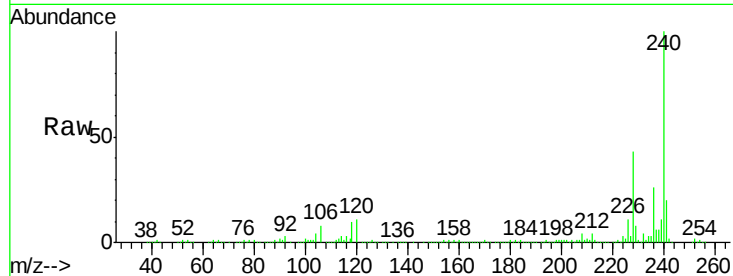
ClientSampleId :

PB90822BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	366005		
120	10.5	11.2	16.8#	
236	26.2	21.2	31.8	

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#76

Benzidine

Concen: 31.69 ng

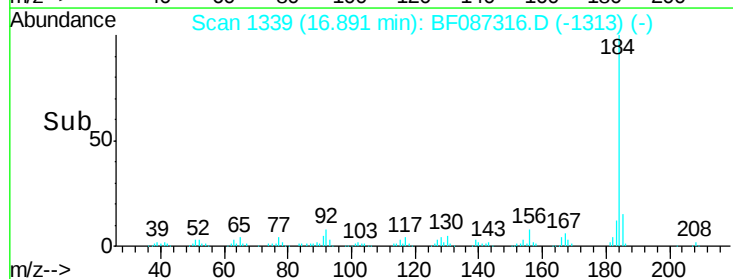
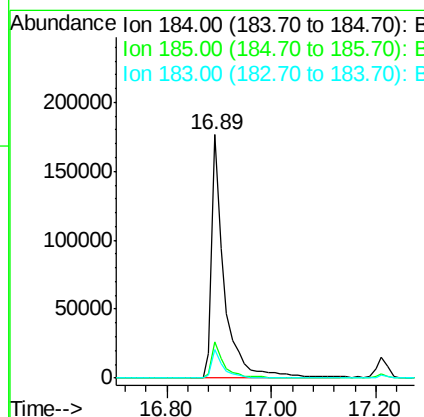
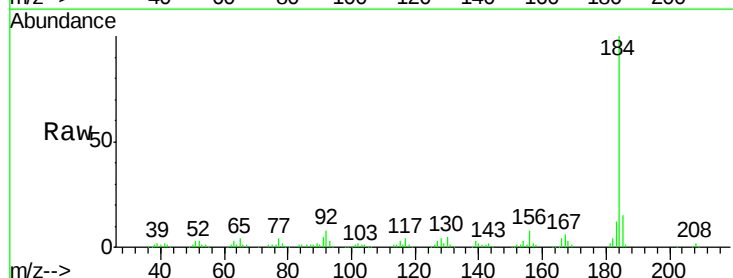
RT: 16.89 min Scan# 1339

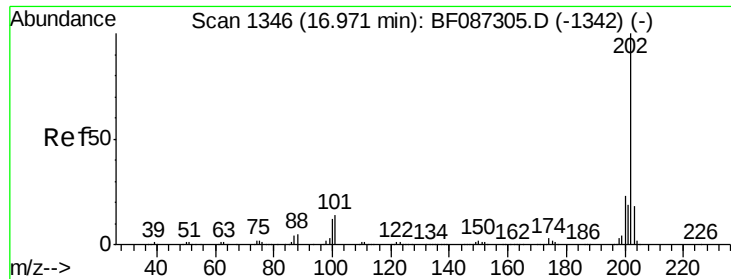
Delta R.T. 0.00 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	298469		
185	15.0	13.6	20.4	
183	11.8	9.8	14.6	





#77

Pyrene

Concen: 41.76 ng

RT: 16.97 min Scan# 1346

Delta R.T. 0.00 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

Instrument :

BNA_F

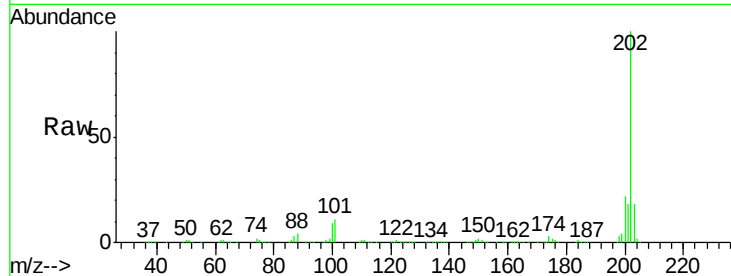
ClientSampleId :

PB90822BS

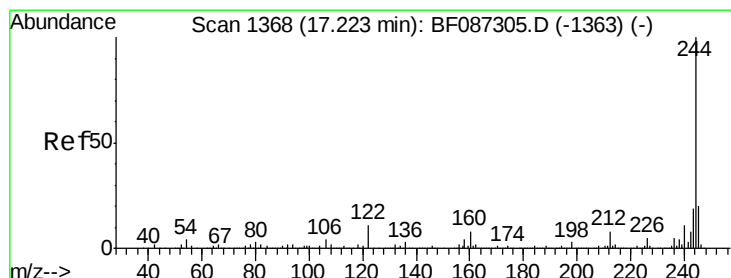
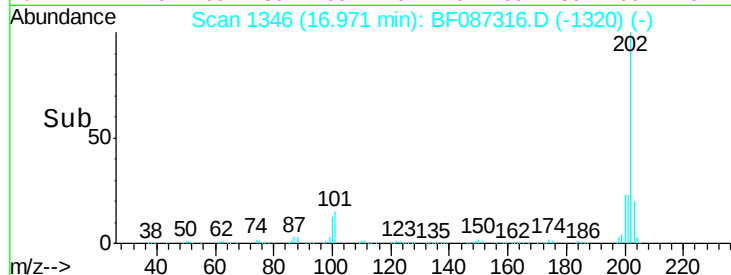
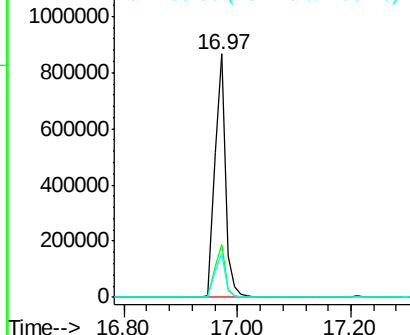
Tgt Ion:	202	Resp:	1100313
Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.7	26.5
203	18.3	14.2	21.4

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 75.80 ng

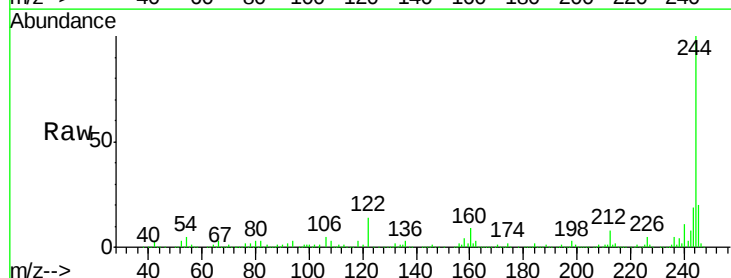
RT: 17.21 min Scan# 1367

Delta R.T. -0.01 min

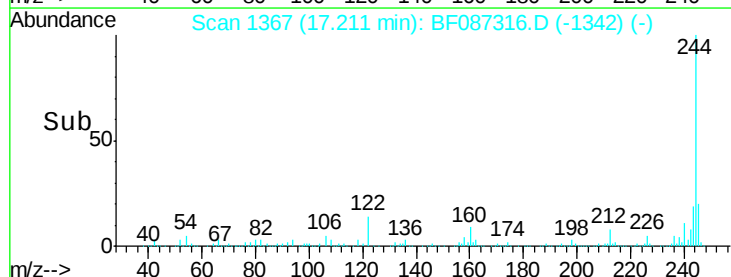
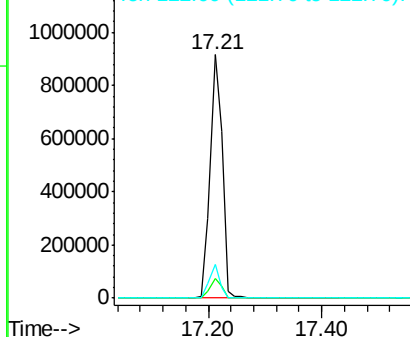
Lab File: BF087316.D

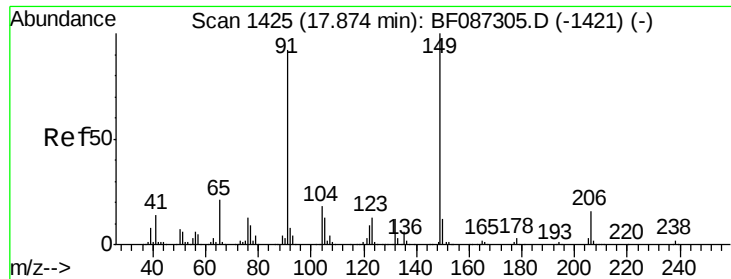
Acq: 23 May 2016 23:58

Tgt Ion:	244	Resp:	1304965
Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	13.7	12.0	18.0



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





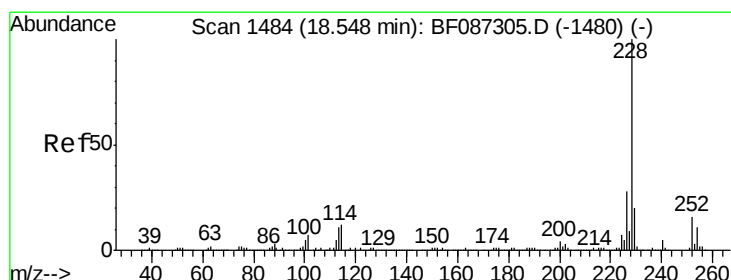
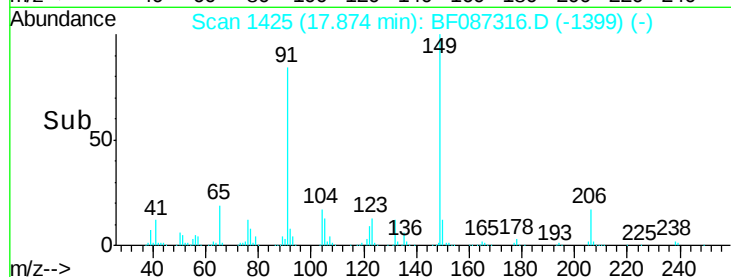
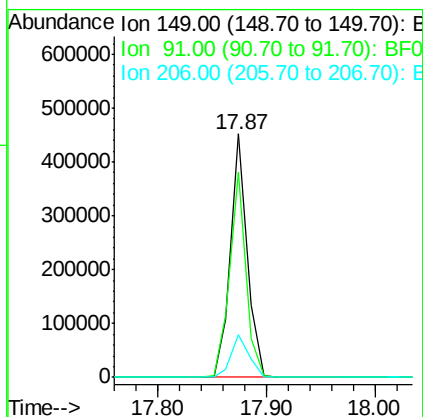
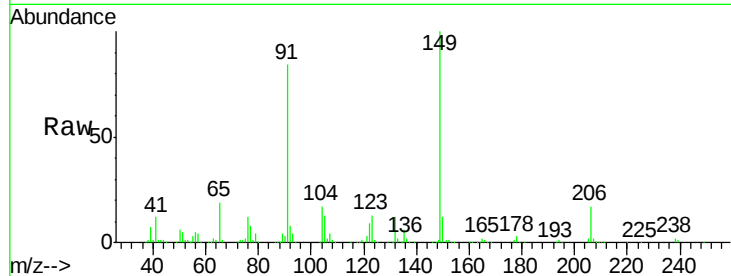
#79
Butylbenzylphthalate
Concen: 41.34 ng
RT: 17.87 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

Instrument :
BNA_F
ClientSampleId :
PB90822BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	483012		
91	84.4	48.0	72.0#	
206	17.3	15.8	23.6	

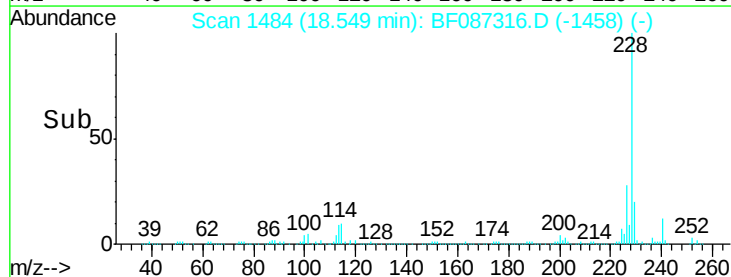
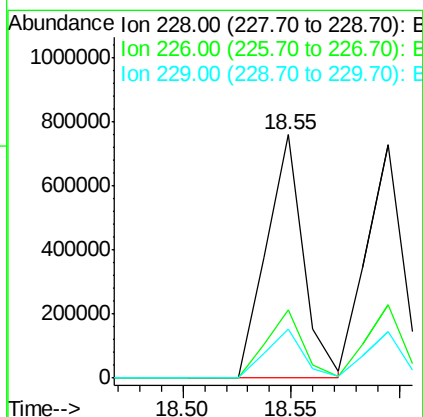
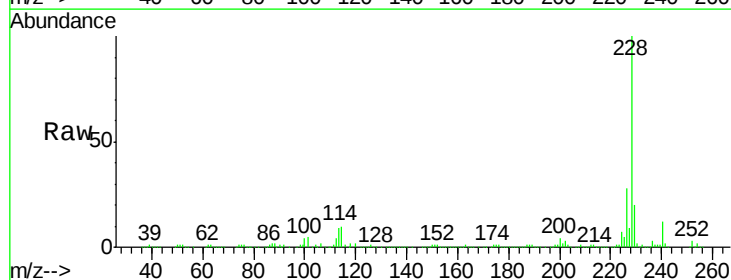
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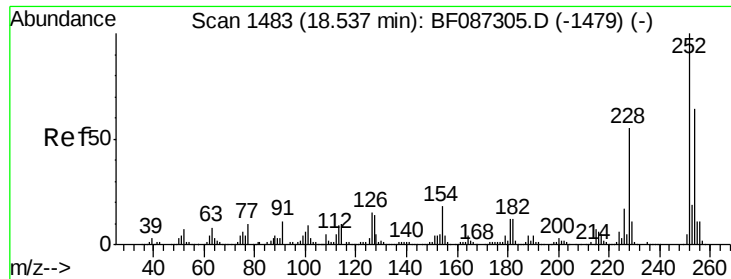
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#80
Benzo(a)anthracene
Concen: 43.15 ng
RT: 18.55 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	898280		
226	28.0	22.5	33.7	
229	20.1	16.6	25.0	





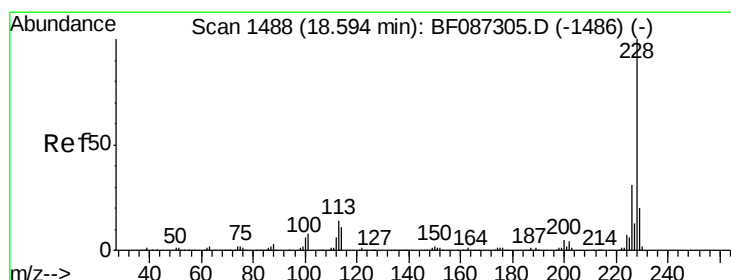
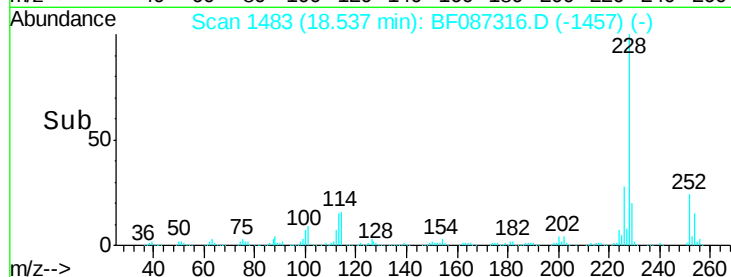
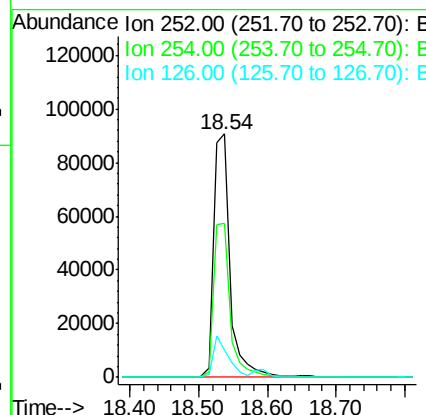
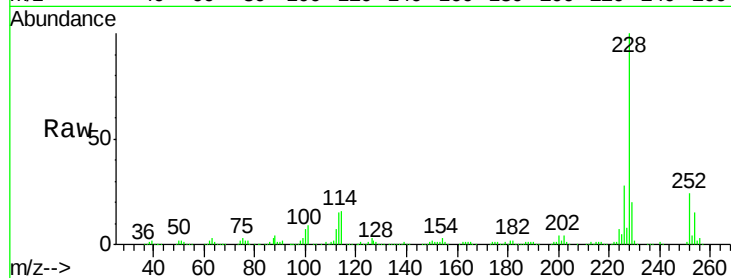
#81
 3,3'-Dichlorobenzidine
 Concen: 13.35 ng
 RT: 18.54 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BF087316.D
 Acq: 23 May 2016 23:58

Instrument :
 BNA_F
 ClientSampleId :
 PB90822BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	153489		
254	63.3	50.7	76.1	
126	11.4	12.7	19.1	

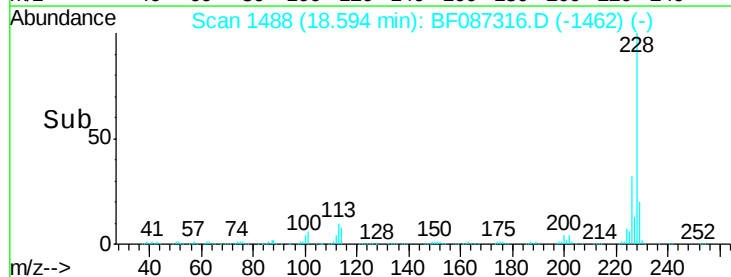
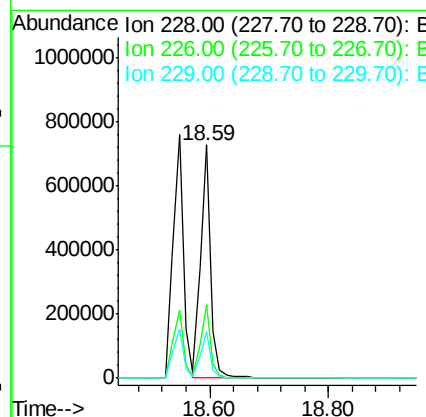
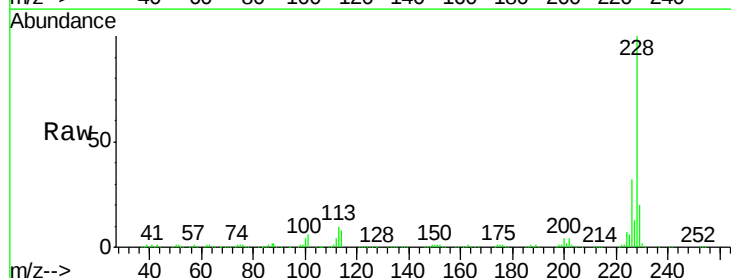
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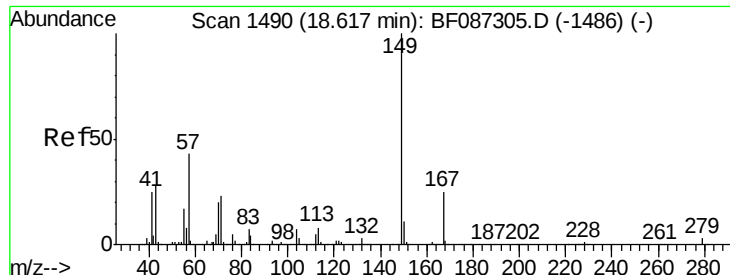
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#82
 Chrysene
 Concen: 42.38 ng
 RT: 18.59 min Scan# 1488
 Delta R.T. 0.00 min
 Lab File: BF087316.D
 Acq: 23 May 2016 23:58

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	875597		
226	31.8	24.4	36.6	
229	19.9	15.8	23.8	





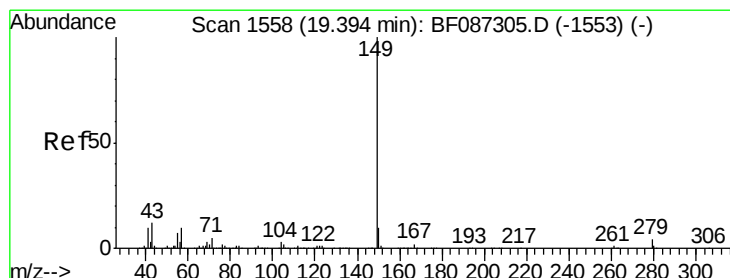
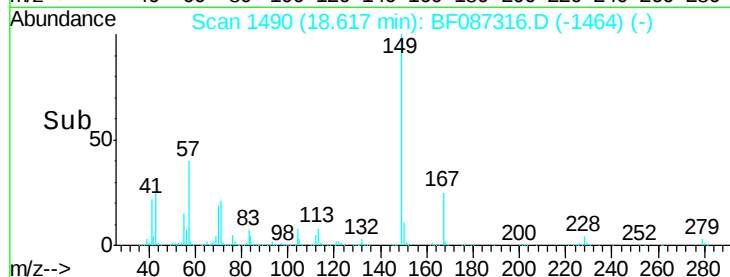
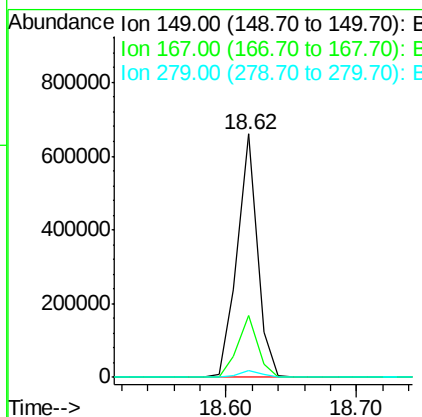
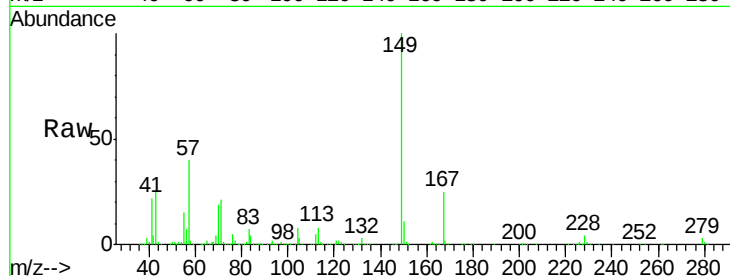
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.68 ng
 RT: 18.62 min Scan# 1490
 Delta R.T. 0.00 min
 Lab File: BF087316.D
 Acq: 23 May 2016 23:58

Instrument :
 BNA_F
 ClientSampleId :
 PB90822BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.4	21.8	32.6
279	2.7	2.6	4.0

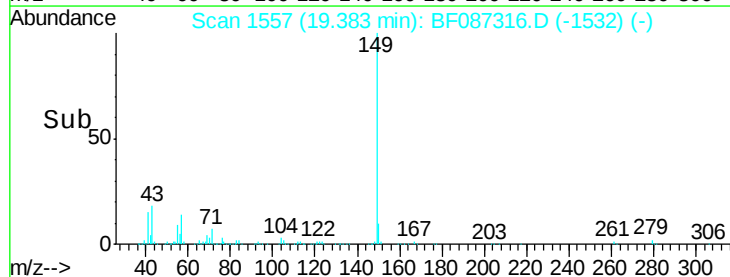
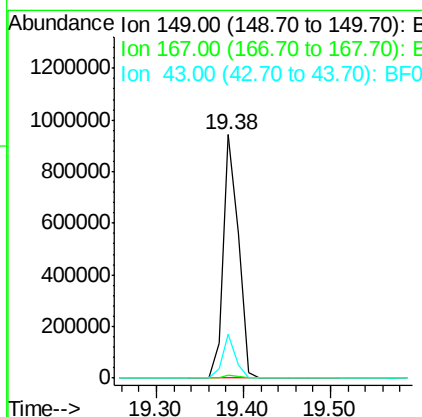
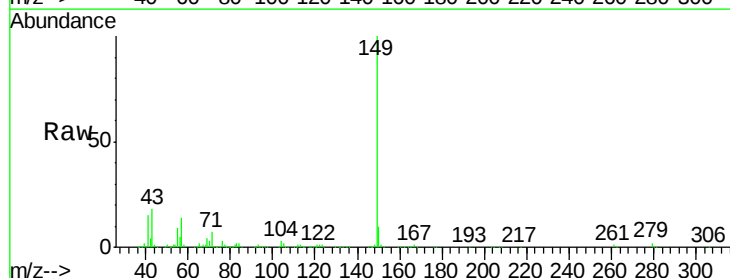
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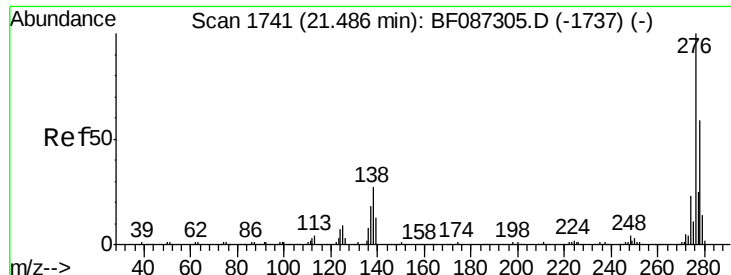
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#84
 Di-n-octyl phthalate
 Concen: 44.16 ng
 RT: 19.38 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF087316.D
 Acq: 23 May 2016 23:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	15.8	8.2	12.4#





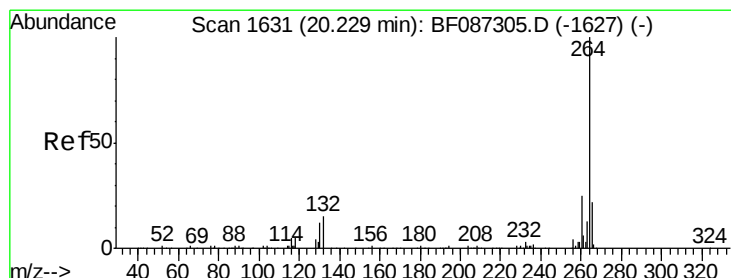
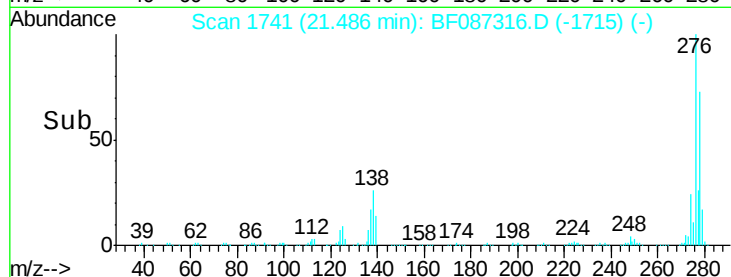
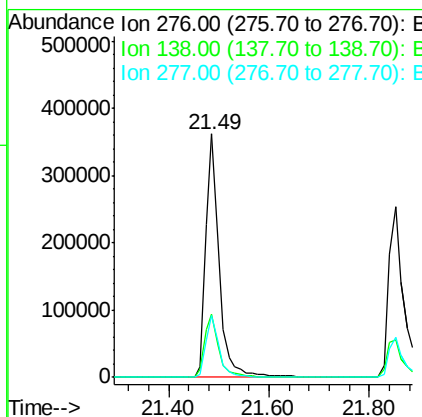
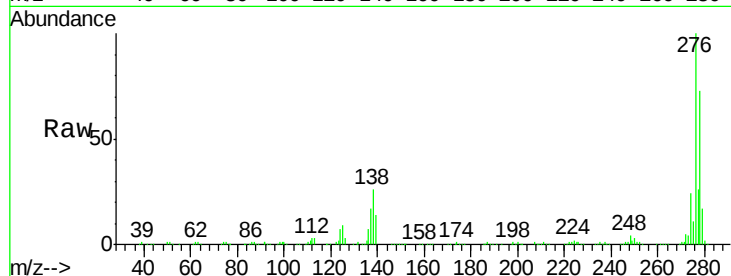
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.62 ng
 RT: 21.49 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: BF087316.D
 Acq: 23 May 2016 23:58

Instrument :
 BNA_F
 ClientSampleId :
 PB90822BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	672817		
138	27.7	25.6	38.4	
277	25.7	20.5	30.7	

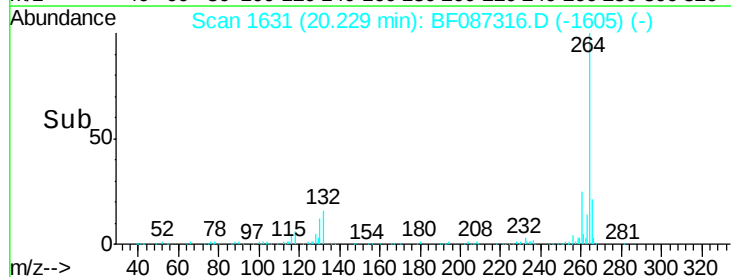
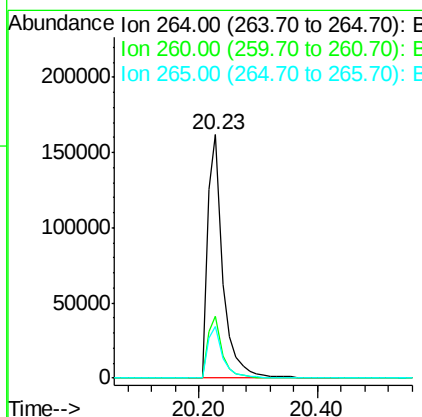
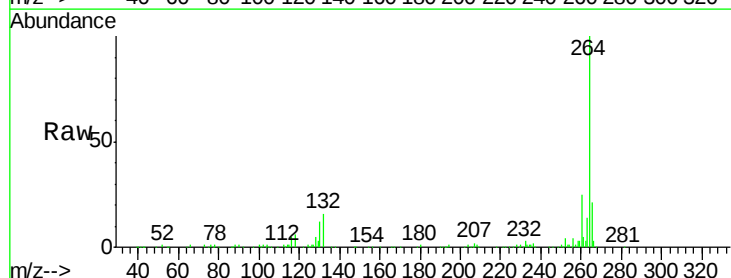
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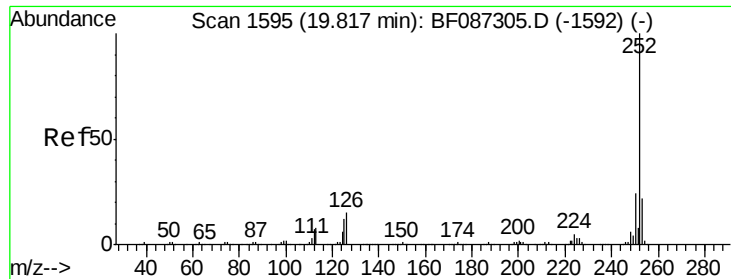
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.23 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BF087316.D
 Acq: 23 May 2016 23:58

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	286070		
260	25.3	19.5	29.3	
265	21.0	17.3	25.9	





#87

Benzo(b)fluoranthene

Concen: 39.87 ng m

RT: 19.82 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

Instrument :

BNA_F

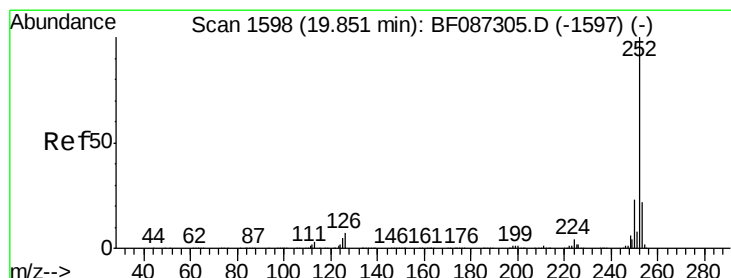
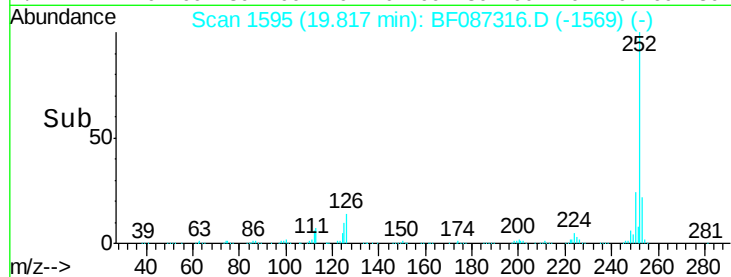
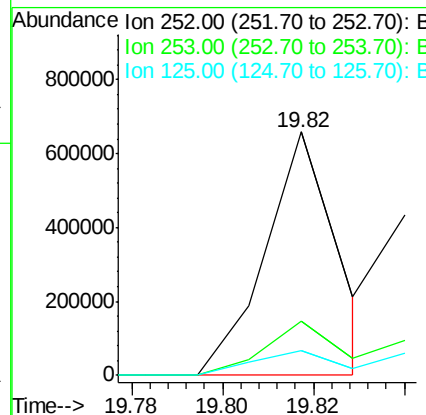
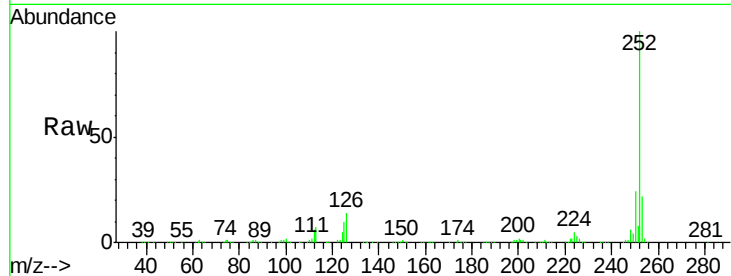
ClientSampleId :

PB90822BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	10.2	11.4	17.0#

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#88

Benzo(k)fluoranthene

Concen: 49.20 ng m

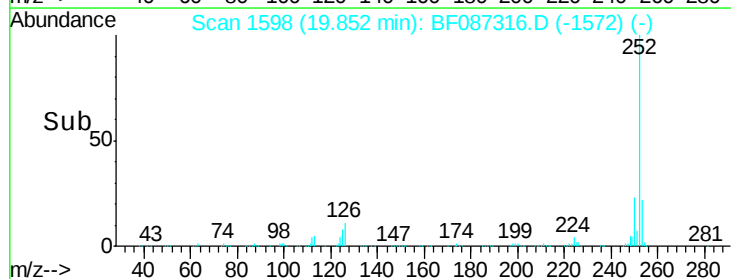
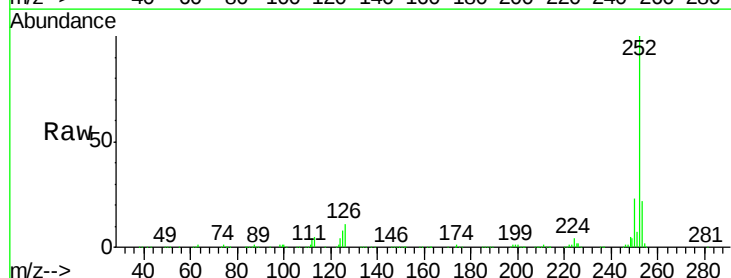
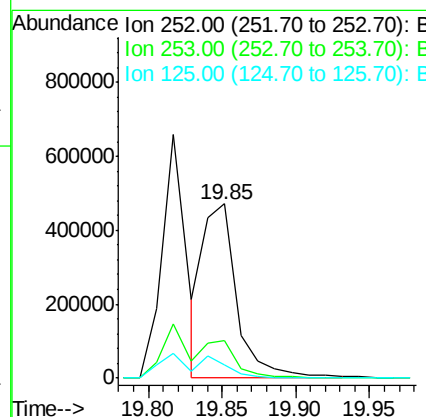
RT: 19.85 min Scan# 1598

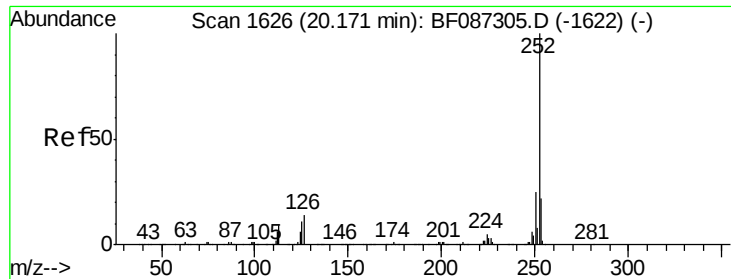
Delta R.T. 0.00 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.6
125	7.7	9.1	13.7#





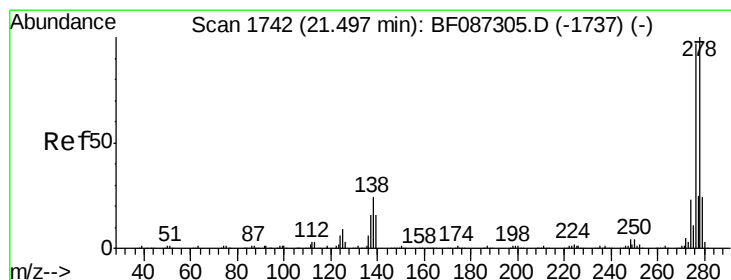
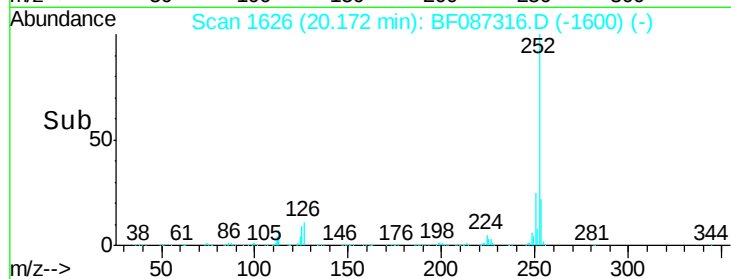
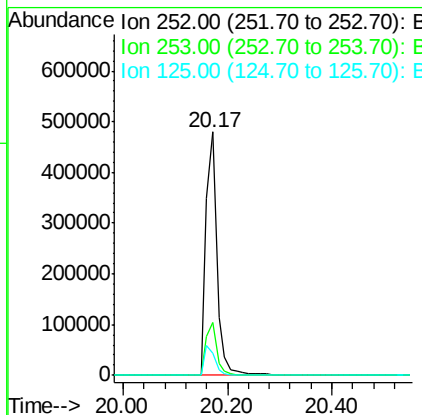
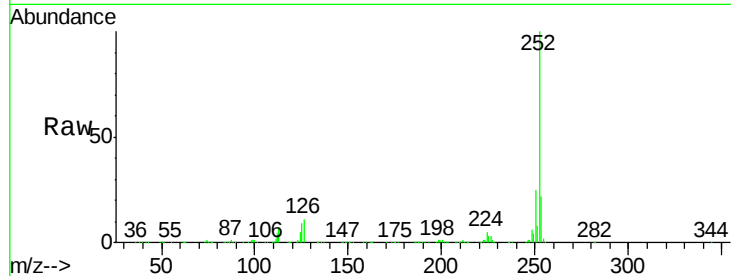
#89
Benzo(a)pyrene
Concen: 44.36 ng
RT: 20.17 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

Instrument :
BNA_F
ClientSampleId :
PB90822BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	8.9	9.0	13.6

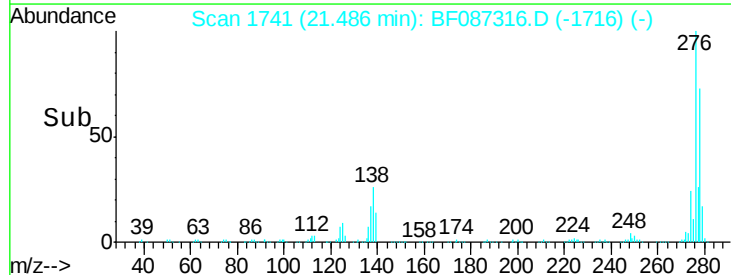
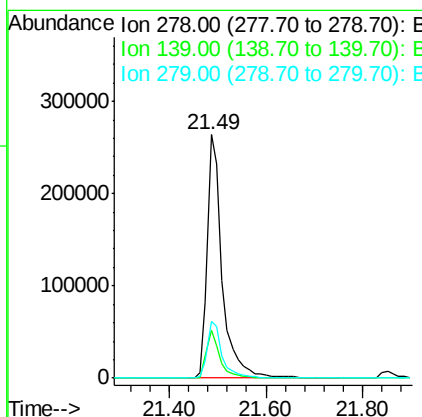
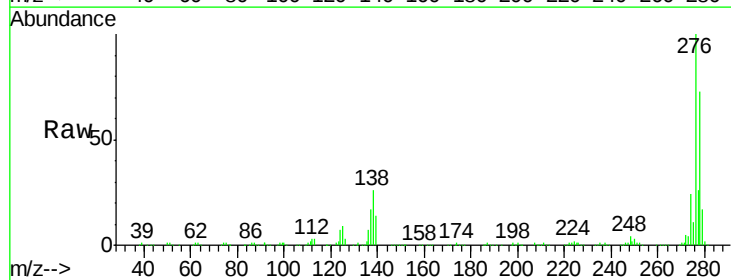
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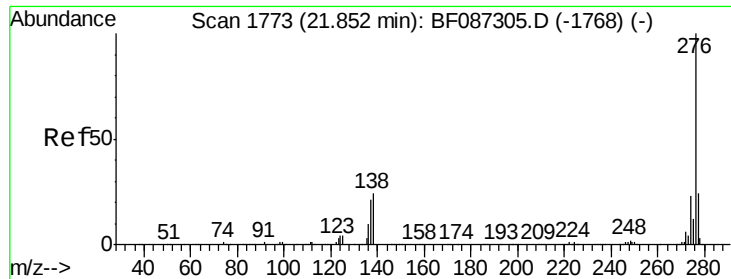
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#90
Dibenzo(a,h)anthracene
Concen: 42.99 ng
RT: 21.49 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.7	16.6	24.8
279	23.2	19.6	29.4





#91
 Benzo(g,h,i)perylene
 Concen: 42.68 ng
 RT: 21.85 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: BF087316.D
 Acq: 23 May 2016 23:58

Instrument :
 BNA_F
 ClientSampleId :
 PB90822BS

Tgt Ion:	276	Resp:	566044
Ion Ratio	Lower	Upper	
276	100		
277	23.8	19.6	29.4
138	21.7	23.6	35.4

Manual Integrations
 APPROVED

umangi
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